FCC PART 15 SUBPART C TEST REPORT

for

Sport SDV

Model No.: SDV-01A

FCC ID: 2AAMHSDV01A

of

Applicant: CRAYS Technology Limited

Address: No.151, Qionglin S. Rd., Xinzhuang Dist.,

New Taipei City 24263, 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.: W6M21305-13209-C-1

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

FCC ID: 2AAMHSDV01A

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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 is performance generally conforms to representative cases of communications equipment.

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

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

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

Specific Conditions:

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

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).

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July 02, 2013 Robert Ren

Date WTS-Lab. Name Signature

Technical responsibility for area of testing:

July 02, 2013 Danny Sung

Date WTS Name Signature

FCC ID: 2AAMHSDV01A

1.2 Testing laboratory

1.2.1 Location

OATS

No.5-1, Lishui, Shuang Sing Village, Wanli Dist., New Taipei City 207,

Taiwan (R.O.C.)

3 meter semi-anechoic chamber

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

TEL:886-2-6613-0228 FAX:886-2-2791-5046

Company

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

Tel : 886-2-66068877 Fax : 886-2-66068879

1.2.2 Details of accreditation status

Accredited testing laboratory

A2LA accredited number: 2732.01

FCC filed test laboratory Reg. No. 930600

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





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

Name:	./.
Accredited number:	./.
Street:	./.
Town:	./.
Country:	./.
Telephone:	./.
Fax:	./.

1.3 Details of approval holder

Name: CRAYS Technology Limited

Street: No.151, Qionglin S. Rd., Xinzhuang Dist.,

Town: New Taipei City 24263,

Country: Taiwan (R.O.C)
Telephone: 02-8201-1700

Fax: ./.

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1.4 Application details

Date of receipt of test item:	May 14, 2013
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Date of test: from May 15, 2013 to June 28, 2013

1.5 General information of	Test item		
Type of test item:	Sport SDV		
Model Number:	SDV-01A		
Brand Name:	./.		
Multi-listing model number:	without		
Photos:	see Appendix		
Technical data			
Frequency band: 11b, 11g, 11n 20MHz	2.4 GHz – 2.4835 GHz		
Frequency (ch 1 or A):	2.412 GHz		
Frequency (ch 6 or B):	2.437 GHz		
Frequency (ch 11 or C):	2.462 GHz		
Number of Channels:	11b, 11g, 11n 20MHz: 11		
Operation modes:	duplex		
Modulation Type:	DSSS / OFDM		
Fixed point-to-point operation:	☐ Yes / ⊠ No		
Type of Antenna:	MONOPLE antenna		
Antenna gain:	0.67 dBi		
Power supply:	Battery: 3.7Vdc / 1050mAh / 3.89Wh		
	USB: 5Vdc (Power from PC)		
Emission designator:	11b: DSSS: 15M6G1D		
	11g: OFDM: 19M3D1D 11n 20MHz: OFDM: 19M7D1D		
	1111 20W112. Of DWI. 17W1/D1D		
Host device:	none		
Classification :			
Fixed Device			
	man Body distance > 20cm)		
,	ıman Body distance < 20cm)		
Modular Radio Dev	ice		

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Transmitter	<u>Unom</u>
Mode A (DSSS)	
Power (ch 1 or A):	Conducted: 17.34 dBm
Power (ch 6 or B):	Conducted: 17.87 dBm
Power (ch 11 or C):	Conducted: 18.42 dBm
Mode B (OFDM)	
Power (ch 1 or A):	Conducted: 16.52 dBm
Power (ch 6 or B):	Conducted: 17.13 dBm
Power (ch 11 or C):	Conducted: 17.87 dBm
Mode C (OFDM)	
Power (ch 1 or A):	Conducted: 15.34 dBm
Power (ch 6 or B):	Conducted: 15.92 dBm
Power (ch 11 or C):	Conducted: 16.58 dBm
1 5	
Manufacturer: (if applicable)	
Name:	./.
Street:	./.
Town:	./.
Country:	./.

1.6 Test standards

Technical standard: FCC RULES PART 15 SUBPART C § 15.247 (2011-10)

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2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed.		
or		
The deviations as specified in 2.5 were ascertained in the course of the tests performed.		

2.2 Test environment

Temperature: 23 °C

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Power supply: Battery: 3.7Vdc / 1050mAh / 3.89Wh

USB: 5Vdc (Power from PC)

Extreme conditions parameters: ./.



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2.3 Test Equipment List

No.	Test equipment	Туре	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2012/9/5	2013/9/4
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function	on Test
ETSTW-CE 004	ZWEILEITER-V- NETZNACHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2012/12/21	2013/12/20
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2013/3/4	2014/3/3
ETSTW-CE 007	SPECTRUM ANALYZER 5GHz	FSB	849670/001	R&S	Pre-te	st Use
ETSTW-CE 008	HF-EICHLEITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function	on Test
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2013/7/2	2014/7/1
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2012/9/5	2013/9/4
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2012/9/5	2013/9/4
ETSTW-RE 012	TUNABLE BANDREJECT FILTER	D.C 0309	146	K&L	Function	on Test
ETSTW-RE 013	TUNABLE BANDREJECT FILTER	D.C 0336	397	K&L	Function	on Test
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2012/10/12	2013/10/11
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2012/8/01	2013/7/31
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	EMCO	2013/3/4 2014/3/3 Pre-test Use	
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent		
ETSTW-RE 049	TRILOG Super Broadband test Antenna	VULB 9160	9160-3185	Schwarzbeck	2013/3/21	2014/3/20
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2013/3/4	2014/3/3
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2013/3/4	2014/3/3
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2013/3/4	2014/3/3
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2013/5/31	2014/5/30
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2013/3/4	2014/3/3
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2012/11/28	2013/11/27
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function	on Test
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	EMCO	Function	on Test
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2012/10/5	2013/10/4
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2012/10/12	2013/10/11
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2013/3/4	2014/3/3
ETSTW-RE 106	Humidity Temperature Meter	TES-1366	091011113	TES	2012/12/4	2013/12/3
ETSTW-RE 111	TRILOG Super Broadband test Antenna	VULB 9160	9160-3309	Schwarz beck	2012/12/13 2013/1	
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	None	T-Power	Functi	on test
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2013/1/11	2014/1/10
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Functi	on test



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EEEEEE 122	GIGNAL GENERATOR	G) (F) (00.4	102140	D a G	2012/7/2	2014/7/1
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A 5NSL11-	102149	R&S	2013/7/2	2014/7/1
ETSTW-RE 125	5GHz Notch filter	5200/E221.3-O/O	1	K&L Microwave	2012/8/18	2013/8/17
ETSTW-RE 126	5GHz Notch filter	5NSL11- 5800/E221.3-O/O	1	K&L Microwave	2012/8/18	2013/8/17
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2013/3/4	2014/3/3
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2012/10/5	2013/10/4
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849- 822/851-40 /12+9SS	3	WI	2013/1/11	2014/1/10
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748- 1743/1752-32/5SS	1	WI	2013/1/11	2014/1/10
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5 -1875.5/1884.5- 32/5SS	3	WI	2013/1/11	2014/1/10
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1- 904.25-50/8SS	1	WI	2013/1/11	2014/1/10
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2012/9/18	2013/9/17
ETSTW-Cable 010	BNC Cable	5 M BNC Cable	None	JYE BAO CO.,LTD.	2013/3/4	2014/3/3
ETSTW-Cable 011	BNC Cable	BNC Cable 1	None	JYE BAO CO.,LTD.	Pre-test I	Use NCR
ETSTW-Cable 012	N TYPE To SMA Cable	Cable 012	None	JYE BAO CO.,LTD.	2013/3/4	2014/3/3
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2013/3/4	2014/3/3
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2013/3/4	2014/3/3
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2013/3/4	2014/3/3
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2013/3/4	2014/3/3
ETSTW-Cable 022	N TYPE Cable	5006	0002	JYE BAO CO.,LTD.	2013/3/26	2014/3/25
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2013/3/4	2014/3/3
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2013/3/4	2014/3/3
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2012/10/12	2013/10/11
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2012/10/12	2013/10/11
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2013/3/4	2014/3/3
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104 (S_Cable 10)	238092	HUBER+SUHNER	2012/11/28	2013/11/27
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2012/11/28	2013/11/27
ETSTW-Cable 047	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2012/11/28	2013/11/27
ETSTW-Cable 053	N TYPE To SMA Cable	RG142	None	JYE BAO CO.,LTD.	2013/3/26	2014/3/25
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2013/6/20	2014/6/19
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMC	None	Farad	Version E	ETS-03A1

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2.4 General Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI STANDARD C63.4-2009 5.2 using a 50µH 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 C63.4-2009 6.4 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100kHz respectively with an appropriate sweep speed. For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

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

Example:

Freq (MHz) METER READING + ACF + CABLE LOSS(to the receiver) = FS

 $20 \text{ dB}\mu\text{V} + 10.36 \text{ dB} + 6 \text{ dB} = 36.36 \text{ dB}\mu\text{V/m} \text{ @3m}$

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 C63.4-2009 6.3.1. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

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

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

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

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

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

The formula is as follows:

Average = Peak + Duty Factor

Duty Factor = 20 log (dwell time/T)

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

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

ANSI STANDARD C63.4-2009 10.2.7: Any measurements that utilize special test software shall be indicated and referenced in the test report. During testing, test software 'EZ EMC' was used for setting up different operation modes.



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3 Test results (enclosure)

TEST CASE	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.247(b)	×	×	
Equivalent isotropically radiated Power	15.247(b)	×	×	
Spurious Emissions radiated – Transmitter operating	15.247(c): 15.209	×	×	
Band Edge Measurement	15.247(d)	×	×	
Minimum 6 dB Bandwidth	15.247(a)(2)	×	×	
Peak Power Spectral Density	15.247(e)	×	×	
Radiated Emission from Digital Part	15.109			
Power Line Conducted Emission	15.207	×	×	

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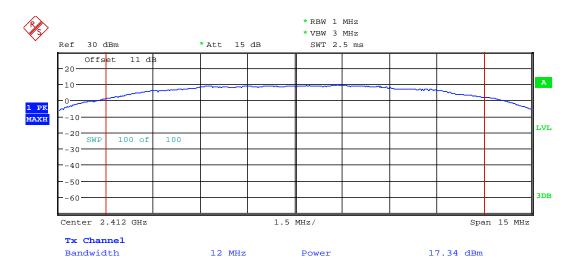
3.1 Peak Output Power (transmitter)

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).

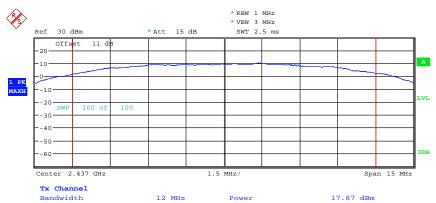
Mode A



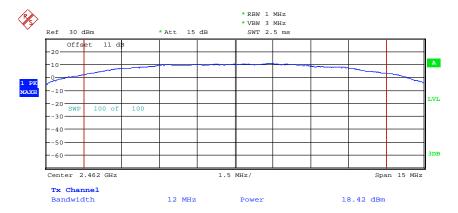
MAX OUTPUT POWER 802.11B CH01 Date: 11.JUN.2013 15:48:13

Registration number: W6M21305-13209-C-1

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MAX OUTPUT POWER 802.11B CH06 Date: 11.JUN.2013 15:49:28



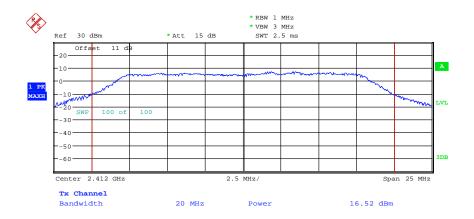
MAX OUTPUT POWER 802.11B CH11 Date: 11.JUN.2013 15:50:58



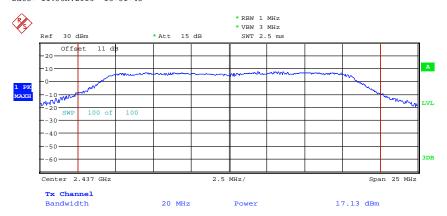
Registration number: W6M21305-13209-C-1

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Mode B



MAX OUTPUT POWER 802.11G CH01 Date: 11.JUN.2013 15:51:48

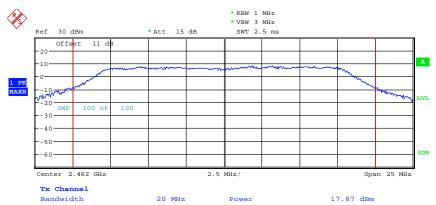


MAX OUTPUT POWER 802.11G CH06 Date: 11.JUN.2013 15:52:48



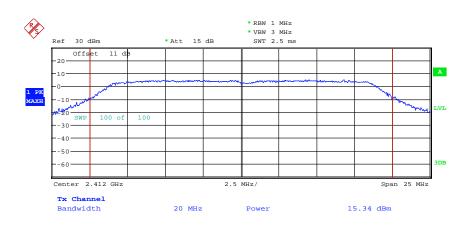
Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



MAX OUTPUT POWER 802.11G CH11 Date: 11.JUN.2013 15:53:29

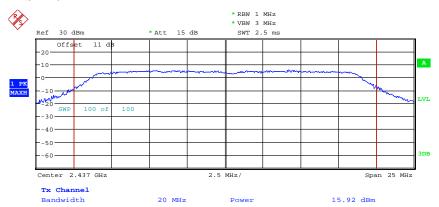
Mode C



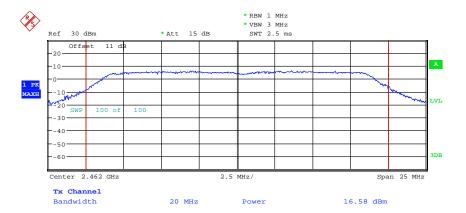
MAX OUTPUT POWER 802.11N 20MHZ CH01 Date: 11.JUN.2013 15:54:31

Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



MAX OUTPUT POWER 802.11N 20MHZ CH06 Date: 11.JUN.2013 15:55:26



MAX OUTPUT POWER 802.11N 20MHZ CH11 Date: 11.JUN.2013 15:56:07

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Limits:

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

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

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

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3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

EIRP = 18.42 dBm + 0.67 dBi

= 19.09 dBm

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

Test equipment used: ETSTW-RE 055

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 – Power Density

P – Output power ERP

R – Distance

D – Cable Loss

AG – Antenna Gain

710 7 michina Gam			
Item	Unit	Value	Remarks
P	mW	69.5024	Peak value
D	dB		
AG	dBi	0.67	
G		1.1668	Calculated Value
R	cm	20	Assumed value
S	mW/cm ²	0.0161	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 ≤ 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	Field strength	Field Strength
(MHz)	(microvolts/meter)	(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 (dwell time/ 100ms)

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

Explanation: see attached diagrams in Appendix.

FCC ID: 2AAMHSDV01A

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 (dwell time/100ms)

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

FCC ID: 2AAMHSDV01A

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

Calculation of test results:

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

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

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

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

Summary table with radiated data of the test plots

Model: SDV-01A Date: 2013/6/4

Mode: TX 802.11b CH1 Temperature: 24 °C Engineer: Leon

Polarization: Horizontal Humidity: 60 %

i diarization.	Honzontal			riairiiaity.	00	70		
Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
35.8316	7.20	peak	13.60	20.80	40.00	-19.20	160	100
673.4270	7.96	peak	23.90	31.86	46.00	-14.14	125	100

Frequency	Read	ding	Factor	Result @3m		Limit @3m		Margin	Table	
	(dBi		(dB)			(dBuV/m)		3	Degree	Ant. High
(MHz)	Peàk	Áve.	Ċorr.	Peak	Áve.	Peak	Áve.	(dB)	(Deg.)	(cm)
4824.0000	42.04		0.50	42.54		74.00	54.00	-31.46	225	100
7236.0000	40.67		4.06	44.73		74.00	54.00	-29.27	130	100
9648.0000	35.59		9.16	44.75		74.00	54.00	-29.25	175	100
12060.0000	34.25		13.89	48.14		74.00	54.00	-25.86	120	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
432.3848	9.08	peak	19.59	28.67	46.00	-17.33	250	100
541.2425	10.23	peak	21.35	31.58	46.00	-14.42	200	100

Frequency	Read (dB)		Factor (dB)		@3m V/m)		@3m V/m)	Margin	Table Degree	Ant. High
(MHz)	Peak	Áve.	Corr.	Peak	Äve.	Peak	Ave.	(dB)	(Deg.)	(cm) ̈
4824.0000	42.11		0.50	42.61	-	74.00	54.00	-31.39	140	100
7236.0000	40.25		4.06	44.31		74.00	54.00	-29.69	165	100
9648.0000	35.36		9.16	44.52		74.00	54.00	-29.48	95	100
12060.0000	33.50		13.89	47.39		74.00	54.00	-26.61	100	100



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Mode: TX 802.11b CH6

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	7.64	peak	15.89	23.53	46.00	-22.47	140	100
650.1001	6.95	peak	23.60	30.55	46.00	-15.45	125	100

Frequency	Read (dB)		Factor (dB)		Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Table Degree	Ant. High
(MHz)	Peàk	Áve.	Corr.	Peak	Áve.	Peak	Ave.	(dB)	(Deg.)	(cm)
4874.0000	41.53		0.61	42.14		74.00	54.00	-31.86	130	100
7311.0000	40.66		4.20	44.86		74.00	54.00	-29.14	245	100
9748.0000	35.03		9.51	44.54		74.00	54.00	-29.46	260	100
12185.0000	33.38		14.83	48.21		74.00	54.00	-25.79	215	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	11.17	peak	15.89	27.06	46.00	-18.94	95	100
541.2425	9.60	peak	21.35	30.95	46.00	-15.05	130	100

Frequency	Read (dB)		Factor (dB)			(dBuV/m)		Margin	Table Degree	Ant. High
(MHz)	Peak	Áve.	Corr.	Peak	Äve.	Peak	Ave.	(dB)	(Deg.)	(cm) ̈
4874.0000	41.66		0.61	42.27		74.00	54.00	-31.73	120	100
7311.0000	40.41		4.20	44.61		74.00	54.00	-29.39	155	100
9748.0000	34.86		9.51	44.37		74.00	54.00	-29.63	210	100
12185.0000	32.91		14.83	47.74		74.00	54.00	-26.26	175	100

Mode: TX 802.11b CH11

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	8.33	peak	15.89	24.22	46.00	-21.78	175	100
673.4270	8.20	peak	23.90	32.10	46.00	-13.90	110	100

Frequency	Read (dB)		Factor (dB)	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin	Table Degree	Ant. High
(MHz)	Peàk	Áve.	Ċorr.	Peak	Áve.	Peak	Áve.	(dB)	(Deg.)	(cm)
4924.0000	41.18		0.84	42.02		74.00	54.00	-31.98	130	100
7386.0000	40.24		4.43	44.67		74.00	54.00	-29.33	175	100
9848.0000	35.45		9.76	45.21		74.00	54.00	-28.79	210	100
12310.0000	35.41		14.12	49.53		74.00	54.00	-24.47	255	100



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	11.32	peak	15.89	27.21	46.00	-18.79	75	100
541.2425	10.19	peak	21.35	31.54	46.00	-14.46	130	100

Frequency	(dBuV) ̈		Factor (dB)		@3m V/m)	Limit (dBu		Margin	Table Degree	Ant. High
(MHz)	Peak	Áve.	Corr.	Peak	Äve.	Peak	Ave.	(dB)	(Deg.)	(cm)
4924.0000	41.02		0.84	41.86		74.00	54.00	-32.14	85	100
7386.0000	40.81		4.43	45.24		74.00	54.00	-28.76	150	100
9848.0000	35.83		9.76	45.59		74.00	54.00	-28.41	175	100
12310.0000	34.35		14.12	48.47		74.00	54.00	-25.53	120	100

Mode: TX 802.11g CH1

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	8.49	peak	15.89	24.38	46.00	-21.62	110	100
652.0440	7.40	peak	23.62	31.02	46.00	-14.98	135	100

Frequency	(dBuV) ̈		Factor (dB)		@3m V/m)	Limit (dBu	@3m V/m)	Margin	Table Degree	Ant. High
(MHz)	Peak	Áve.	Corr.	Peak	Äve.	Peak	Ave.	(dB)	(Deg.)	(cm) ̈
4824.0000	41.73		0.50	42.23		74.00	54.00	-31.77	180	100
7236.0000	40.60		4.06	44.66		74.00	54.00	-29.34	135	100
9648.0000	35.64		9.16	44.80		74.00	54.00	-29.20	210	100
12060.0000	33.89		13.89	47.78		74.00	54.00	-26.22	140	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	11.07	peak	15.89	26.96	46.00	-19.04	240	100
541.2425	10.36	peak	21.35	31.71	46.00	-14.29	215	100

Frequency		Reading (dBuV)		Result (dBu)	@3m V/m)	Limit (dBu		Margin	Table Degree	Ant. High
(MHz)	Peàk	Áve.	Čorŕ.	Peak	Áve.	Peak	Ave.	(dB)	(Deg.)	(cm)
4824.0000	41.33		0.50	41.83		74.00	54.00	-32.17	75	100
7236.0000	40.60		4.06	44.66		74.00	54.00	-29.34	120	100
9648.0000	35.03		9.16	44.19		74.00	54.00	-29.81	130	100
12060.0000	33.88		13.89	47.77		74.00	54.00	-26.23	175	100



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Mode: TX 802.11g CH6

Polarization: Horizontal

	Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
ſ	35.8316	7.43	peak	13.60	21.03	40.00	-18.97	120	100
ſ	673.4270	7.82	peak	23.90	31.72	46.00	-14.28	135	100

Frequency	(dBuV) ̈		Factor (dB)	IB) (dBuV/m)		Limit @3m (dBuV/m)		Margin	Table Degree	Ant. High
(MHz)	Peàk	Áve.	Ċorŕ.	Peak	Áve.	Peak	Áve.	(dB)	(Deg.)	(cm)
4874.0000	41.86		0.61	42.47		74.00	54.00	-31.53	155	100
7311.0000	40.63		4.20	44.83		74.00	54.00	-29.17	130	100
9748.0000	34.94		9.51	44.45		74.00	54.00	-29.55	120	100
12185.0000	32.14		14.83	46.97		74.00	54.00	-27.03	220	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	11.94	peak	15.89	27.83	46.00	-18.17	235	100
486.8136	9.87	peak	20.46	30.33	46.00	-15.67	120	100

Frequency	(dBuV)		Factor (dB)		@3m V/m)		@3m V/m)	Margin	Table Degree	Ant. High
(MHz)	Peak	Áve.	Corr.	Peak	Äve.	Peak	Ave.	(dB)	(Deg.)	(cm) ̈
4874.0000	41.73		0.61	42.34		74.00	54.00	-31.66	215	100
7311.0000	40.46		4.20	44.66		74.00	54.00	-29.34	140	100
9748.0000	36.35		9.51	45.86		74.00	54.00	-28.14	95	100
12185.0000	33.01		14.83	47.84		74.00	54.00	-26.16	150	100

Mode: TX 802.11g CH11

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	7.04	peak	15.89	22.93	46.00	-23.07	210	100
652.0440	7.01	peak	23.62	30.63	46.00	-15.37	140	100

Frequency	(dBuV)		Factor (dB)	dB) (dBuV/m)		Limit @3m (dBuV/m)		Margin	Table Degree	Ant. High
(MHz)	Peàk	Áve.	Čorŕ.	Peak	Áve.	Peak	Áve.	(dB)	(Deg.)	(cm)
4924.0000	41.44		0.84	42.28		74.00	54.00	-31.72	175	100
7386.0000	40.31		4.43	44.74		74.00	54.00	-29.26	130	100
9848.0000	35.35		9.76	45.11		74.00	54.00	-28.89	100	100
12310.0000	34.70		14.12	48.82		74.00	54.00	-25.18	170	100



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	10.43	peak	15.89	26.32	46.00	-19.68	175	100
541.2425	10.33	peak	21.35	31.68	46.00	-14.32	160	100

Frequency	Read (dB)		Factor (dB)		@3m V/m)		(dBuV/m)		Table Degree	Ant. High
(MHz)	Peàk	Áve.	Čorŕ.	Peak	Áve.	Peak	Ave.	(dB)	(Deg.)	(cm)
4924.0000	40.91		0.84	41.75		74.00	54.00	-32.25	210	100
7386.0000	40.00		4.43	44.43		74.00	54.00	-29.57	225	100
9848.0000	34.37		9.76	44.13		74.00	54.00	-29.87	195	100
12310.0000	34.58		14.12	48.70		74.00	54.00	-25.30	230	100

Mode: TX 802.11n 20 MHz CH1

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
311.8636	6.79	peak	16.22	23.01	46.00	-22.99	175	100
652.0440	6.54	peak	23.62	30.16	46.00	-15.84	120	100

Frequency	Read (dB)		Factor (dB)		@3m V/m)	(dBuV/m)		Margin	Table Degree	Ant. High
(MHz)	Peak	Áve.	Corr.	Peak	Äve.	Peak	Ave.	(dB)	(Deg.)	(cm) ̈
4824.0000	41.49		0.50	41.99		74.00	54.00	-32.01	120	100
7236.0000	40.78		4.06	44.84		74.00	54.00	-29.16	175	100
9648.0000	35.48		9.16	44.64		74.00	54.00	-29.36	95	100
12060.0000	34.92		13.89	48.81		74.00	54.00	-25.19	135	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
541.2425	10.18	peak	21.35	31.53	46.00	-14.47	160	100
961.1222	12.81	peak	28.25	41.06	54.00	-12.94	215	100

Frequency		Reading (dBuV)		Result (dBu)	@3m V/m)	Limit (dBu		Margin	Table Degree	Ant. High
(MHz)	Peàk	Áve.	Čorŕ.	Peak	Áve.	Peak	Ave.	(dB)	(Deg.)	(cm)
4824.0000	41.22		0.50	41.72		74.00	54.00	-32.28	210	100
7236.0000	40.41		4.06	44.47		74.00	54.00	-29.53	125	100
9648.0000	35.55		9.16	44.71		74.00	54.00	-29.29	75	100
12060.0000	33.51		13.89	47.40		74.00	54.00	-26.60	230	100



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Mode: TX 802.11n 20 MHz CH6

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
35.8316	7.05	peak	13.60	20.65	40.00	-19.35	145	100
673.4270	7.41	peak	23.90	31.31	46.00	-14.69	50	100

Frequency	Read (dB)		Factor (dB)		@3m V/m)		@3m V/m)	Margin	Table Degree	Ant. High
(MHz)	Peàk	Áve.	Ċorr.	Peak	Áve.	Peak	Áve.	(dB)	(Deg.)	(cm)
4874.0000	42.13		0.61	42.74		74.00	54.00	-31.26	165	100
7311.0000	40.56		4.20	44.76		74.00	54.00	-29.24	130	100
9748.0000	34.90		9.51	44.41		74.00	54.00	-29.59	215	100
12185.0000	33.11		14.83	47.94		74.00	54.00	-26.06	180	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	10.49	peak	15.89	26.38	46.00	-19.62	190	100
541.2425	9.91	peak	21.35	31.26	46.00	-14.74	135	100

Frequency	Read (dB)		Factor (dB)		Result @3m (dBuV/m)		(dBuV/m)		Table Degree	Ant. High
(MHz)	Peak	Áve.	Corr.	Peak	Äve.	Peak	Ave.	(dB)	(Deg.)	(cm) ̈
4874.0000	41.84		0.61	42.45		74.00	54.00	-31.55	90	100
7311.0000	40.56		4.20	44.76		74.00	54.00	-29.24	170	100
9748.0000	36.04		9.51	45.55		74.00	54.00	-28.45	175	100
12185.0000	33.07		14.83	47.90		74.00	54.00	-26.10	210	100

Mode: TX 802.11n 20 MHz CH11

Polarization: Horizontal

Frequenc (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
35.8316	8.00	peak	13.60	21.60	40.00	-18.40	135	100
673.4270	8.18	peak	23.90	32.08	46.00	-13.92	110	100

Frequency		Reading (dBuV)		Factor Result @3m (dBuV/m)		(dBuV/m)		Margin	Table Degree	Ant. High
(MHz)	Peak	Áve.	Corr.	Peak	Äve.	Peak	Äve.	(dB)	(Deg.)	(cm)
4924.0000	41.55		0.84	42.39		74.00	54.00	-31.61	180	100
7386.0000	40.25		4.43	44.68		74.00	54.00	-29.32	135	100
9848.0000	34.86		9.76	44.62		74.00	54.00	-29.38	230	100
12310.0000	33.98		14.12	48.10		74.00	54.00	-25.90	110	100



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
298.2565	11.21	peak	15.89	27.10	46.00	-18.90	165	100
595.6713	9.49	peak	22.99	32.48	46.00	-13.52	140	100

Frequency	Read (dB)		Factor (dB)	Result (dBu)			@3m V/m)	Margin	Table Degree	Ant. High
(MHz)	Peak	Áve.	Corr.	Peak	Äve.	Peak	Ave.	(dB)	(Deg.)	(cm)
4924.0000	41.68		0.84	42.52		74.00	54.00	-31.48	90	100
7386.0000	40.08		4.43	44.51		74.00	54.00	-29.49	170	100
9848.0000	34.70		9.76	44.46		74.00	54.00	-29.54	90	100
12310.0000	34.51		14.12	48.63		74.00	54.00	-25.37	130	100

Note

- 1. Correction Factor = Antenna factor + Cable loss Preamplifier
- 2. The formula of measured value as: Test Result = Reading + Correction Factor
- 3. Detector function in the form: PK = Peak, QP = Quasi Peak, AV = Average
- 4. All not in the table noted test results are more than 20 dB below the relevant limits.
- 5. Measurement uncertainty for 3m measurement: $30\text{-}1000 \text{ MHz} = \pm 3.72 \text{ dB}$, $1\text{-}18 \text{ GHz} = \pm 5.33 \text{ dB}$, $18\text{-}40 \text{ GHz} = \pm 3.43 \text{ dB}$; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.
- 6. See attached diagrams in appendix.

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

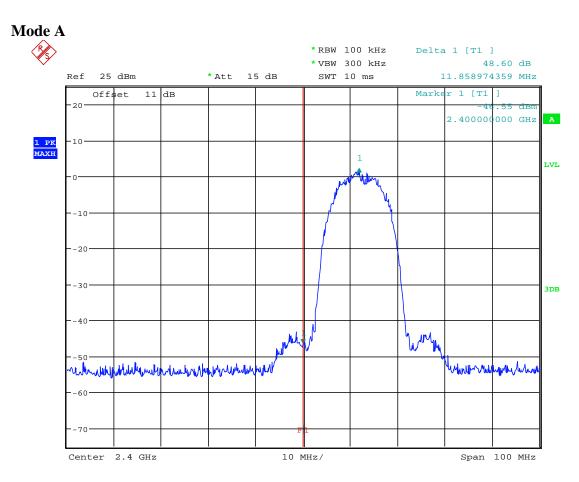
Test equipment used: ETSTW-RE 003, ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 111, ETSTW-RE 088, ETSTW-RE 018

FCC ID: 2AAMHSDV01A

3.6 Radiated Emission on the band edge

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

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

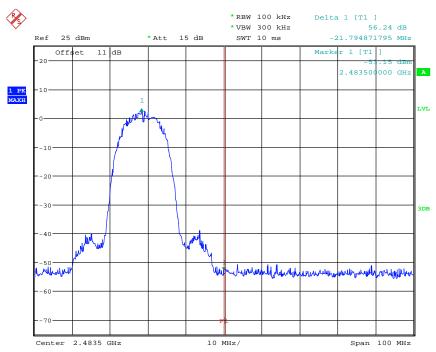


BANDEDGE 802.11B CH01
Date: 11.JUN.2013 15:48:37



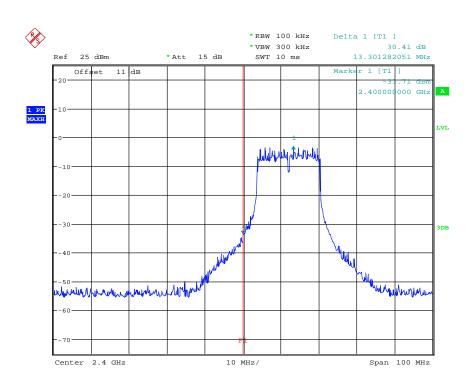
Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



BANDEDGE 802.11B CH11
Date: 11.JUN.2013 15:51:18

Mode B

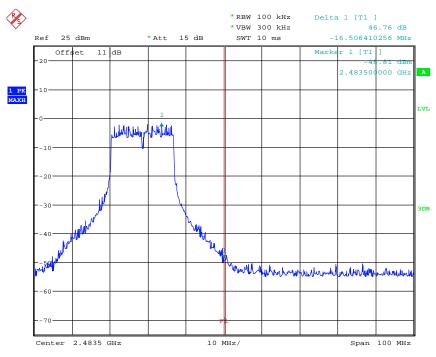


BANDEDGE 802.11G CH01
Date: 11.JUN.2013 15:52:09



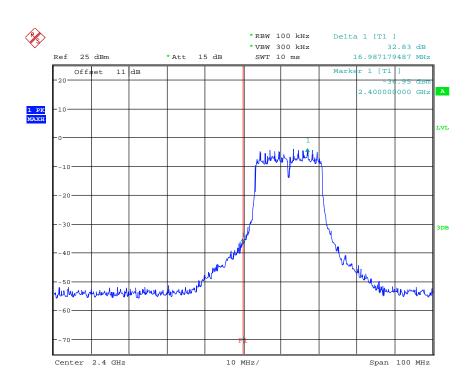
Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



BANDEDGE 802.11G CH11
Date: 11.JUN.2013 15:53:50

Mode C

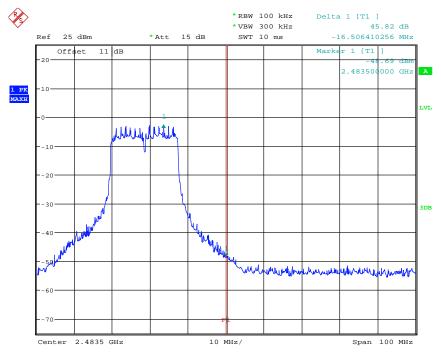


BANDEDGE 802.11N 20MHZ CH01
Date: 11.JUN.2013 15:54:51



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



BANDEDGE 802.11N 20MHZ CH11 Date: 11.JUN.2013 15:56:27

Limit:

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

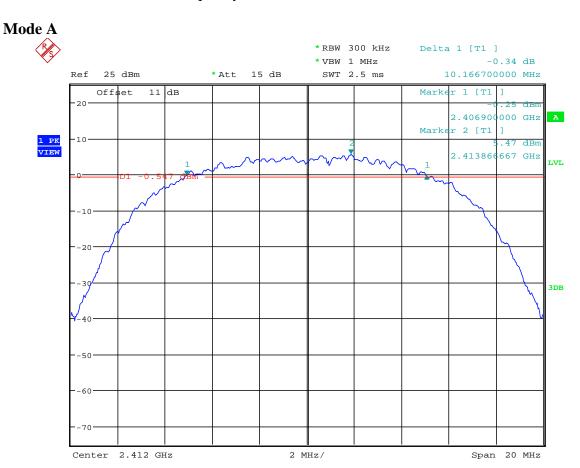
Test equipment used: ETSTW-RE 055, ETSTW-RE 050

FCC ID: 2AAMHSDV01A

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.

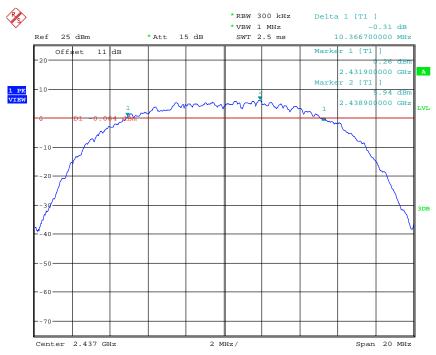
The 6 dB bandwidth is the frequency difference between the two markers.



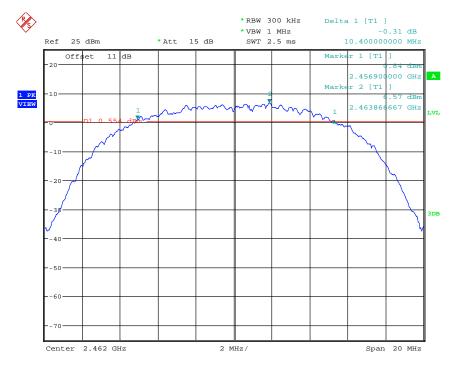
6DB BANDWIDTH 802.11B CH01
Date: 11.JUN.2013 15:48:23

Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



6DB BANDWIDTH 802.11B CH06 Date: 11.JUN.2013 15:49:37



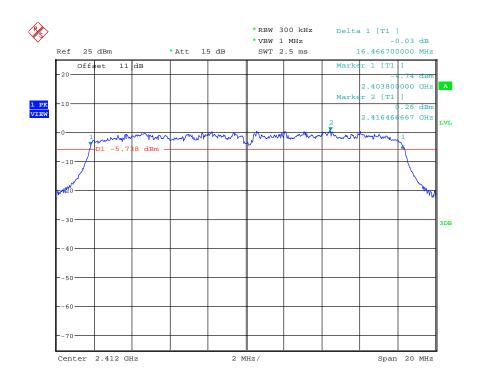
6DB BANDWIDTH 802.11B CH11 Date: 11.JUN.2013 15:51:06



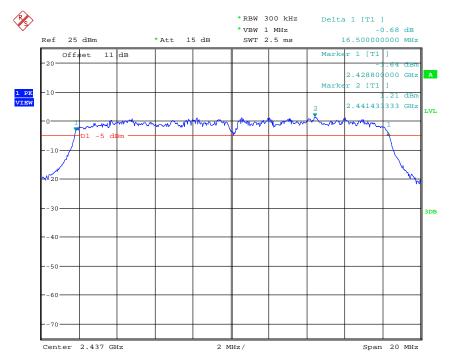
Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Mode B



6DB BANDWIDTH 802.11G CH01 Date: 11.JUN.2013 15:51:56

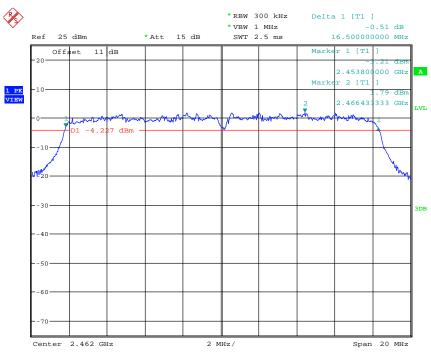


6DB BANDWIDTH 802.11G CH06 Date: 11.JUN.2013 15:52:56



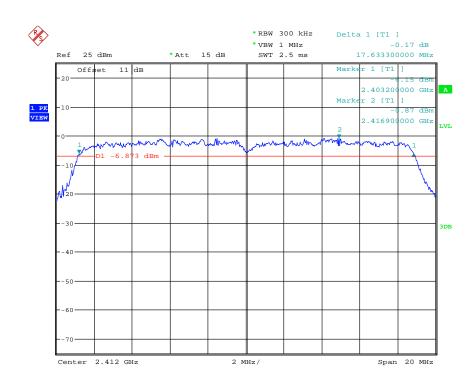
Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



6DB BANDWIDTH 802.11G CH11 Date: 11.JUN.2013 15:53:38

Mode C

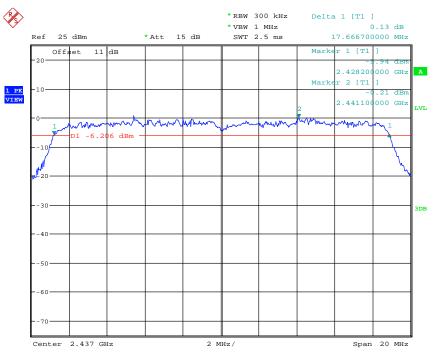


6DB BANDWIDTH 802.11N 20MHZ CH01 Date: 11.JUN.2013 15:54:39

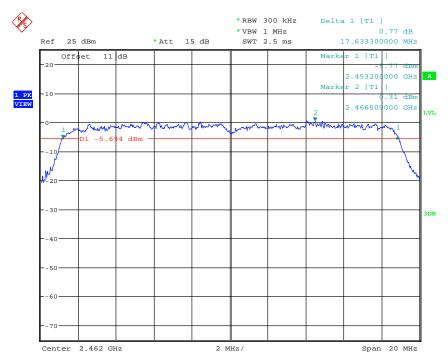


Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



6DB BANDWIDTH 802.11N 20MHZ CH06 Date: 11.JUN.2013 15:55:35



6DB BANDWIDTH 802.11N 20MHZ CH11 Date: 11.JUN.2013 15:56:15



FCC ID: 2AAMHSDV01A

Limits:

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

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

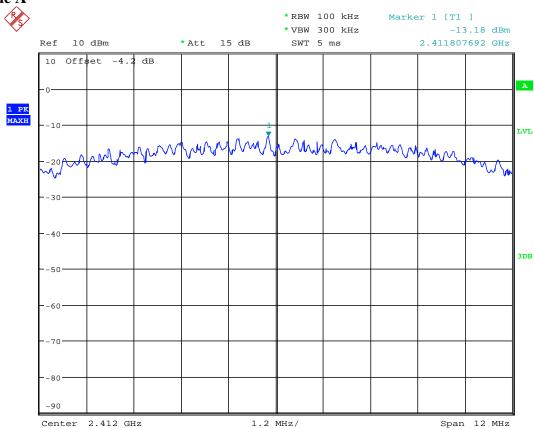
FCC ID: 2AAMHSDV01A

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.



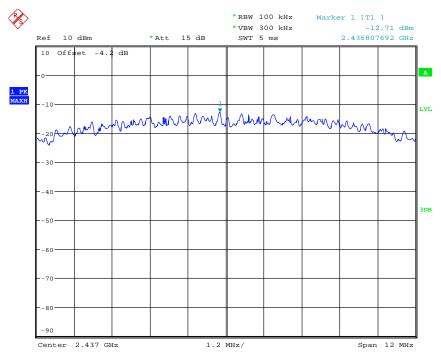


POWER DENSITY 802.11B CH01 Date: 11.JUN.2013 15:48:31

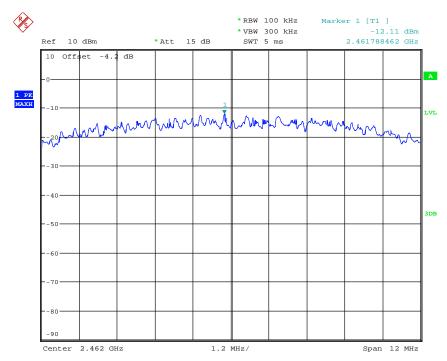


Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



POWER DENSITY 802.11B CH06
Date: 11.JUN.2013 15:49:43



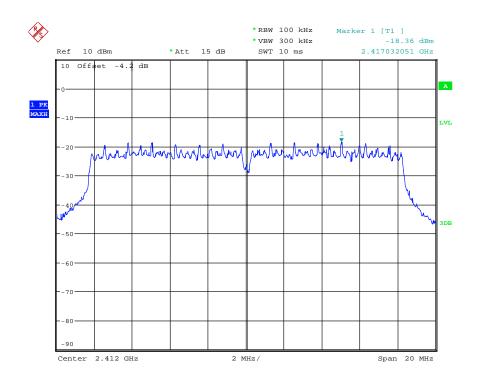
POWER DENSITY 802.11B CH11
Date: 11.JUN.2013 15:51:13



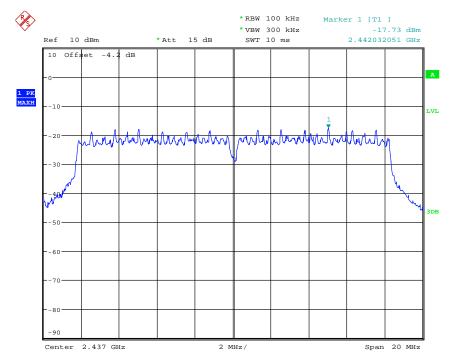
Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Mode B



POWER DENSITY 802.11G CH01
Date: 11.JUN.2013 15:52:04

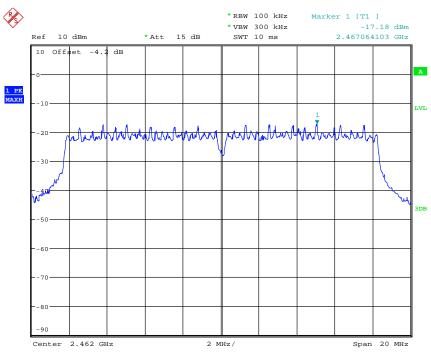


POWER DENSITY 802.11G CH06 Date: 11.JUN.2013 15:53:02



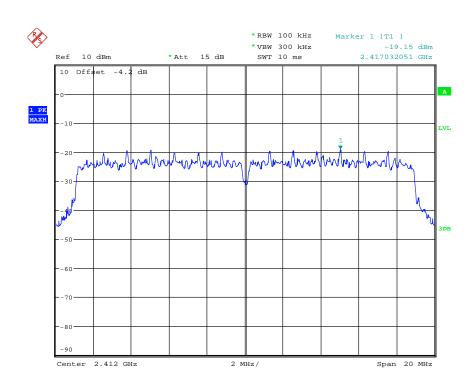
Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



POWER DENSITY 802.11G CH11 Date: 11.JUN.2013 15:53:44

Mode C

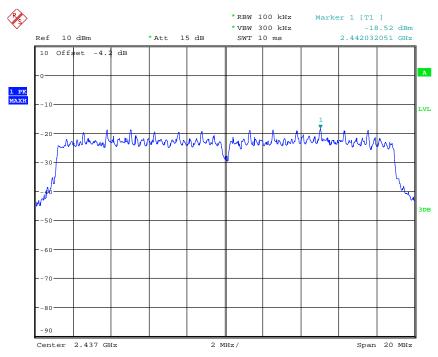


POWER DENSITY 802.11N 20MHZ CH01 Date: 11.JUN.2013 15:54:45

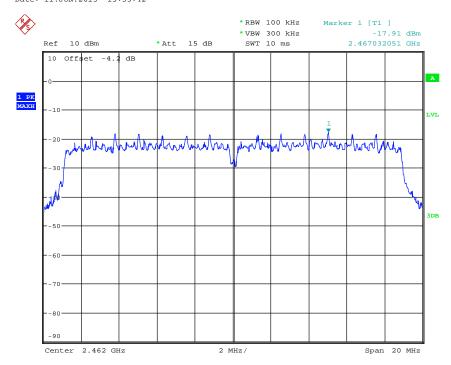


Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



POWER DENSITY 802.11N 20MHZ CH06 Date: 11.JUN.2013 15:55:42



POWER DENSITY 802.11N 20MHZ CH11 Date: 11.JUN.2013 15:56:21



FCC ID: 2AAMHSDV01A

Limits:

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

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

FCC ID: 2AAMHSDV01A

3.9 Radiated Emission from Digital Part

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

Test equipment used: ETSTW-RE 055, ETSTW-RE 064, ETSTW-RE 003, ETSTW-RE 004, ETSTW-RE 030 ETSTW-RE 111

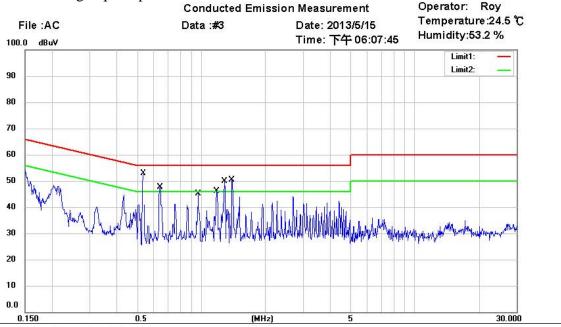
Explanation: The test results are listed in the separated test report no.: W6M21305-13209-P-15B.

FCC ID: 2AAMHSDV01A

3.10 Power Line Conducted Emission

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

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



Site: Chamber_03

Condition: FCC Part 15 Class B Conduction (QP)

Phase: Power: 120VAC

EUT: W6M21305-13209

M/N: SDV-01A Test Mode: USB

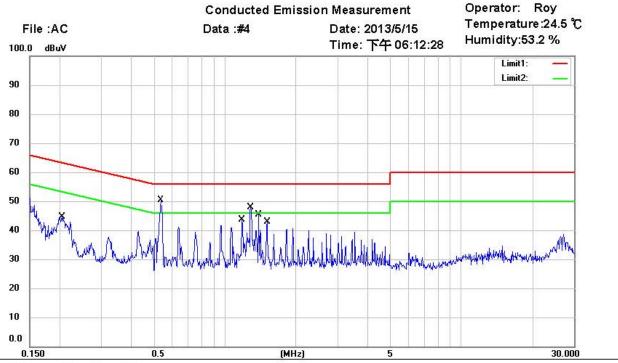
Note:

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.5372	40.47	QP	10.12	50.59	56.00	-5.41	
	0.5372	22.86	AVG	10.12	32.98	46.00	-13.02	
	0.6437	34.62	QP	10.13	44.75	56.00	-11.25	
	0.6437	18.69	AVG	10.13	28.82	46.00	-17.18	
	0.9688	32.49	QP	10.14	42.63	56.00	-13.37	
	0.9688	18.76	AVG	10.14	28.90	46.00	-17.10	
	1.1802	32.13	QP	10.15	42.28	56.00	-13.72	
	1.1802	17.26	AVG	10.15	27.41	46.00	-18.59	
	1.2876	36.06	QP	10.15	46.21	56.00	-9.79	
	1.2876	17.96	AVG	10.15	28.11	46.00	-17.89	
	1.3952	37.76	QP	10.16	47.92	56.00	-8.08	
	1.3952	22.14	AVG	10.16	32.30	46.00	-13.70	



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



Site: Chamber_03

Condition: FCC Part 15 Class B Conduction (QP)

Phase: L1
Power: 120VAC

EUT: W6M21305-13209

M/N: SDV-01A Test Mode: USB

Note:

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.2034	33.89	QP	10.09	43.98	63.47	-19.49	
	0.2034	23.94	AVG	10.09	34.03	53.47	-19.44	
*	0.5385	40.23	QP	10.12	50.35	56.00	-5.65	
	0.5385	22.47	AVG	10.12	32.59	46.00	-13.41	
	1.1827	31.85	QP	10.15	42.00	56.00	-14.00	
	1.1827	16.20	AVG	10.15	26.35	46.00	-19.65	
	1.2888	37.25	QP	10.15	47.40	56.00	-8.60	
	1.2888	18.29	AVG	10.15	28.44	46.00	-17.56	
	1.3960	37.97	QP	10.16	48.13	56.00	-7.87	
	1.3960	21.50	AVG	10.16	31.66	46.00	-14.34	
	1.5032	34.18	QP	10.17	44.35	56.00	-11.65	
i ii	1.5032	18.54	AVG	10.17	28.71	46.00	-17.29	

Note: 1. The formula of measured value as: Test Result = Reading + Correction Factor

- 2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss
- 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
- 4. All not in the table noted test results are more than 20 dB below the relevant limits.
- 5. Measurement uncertainty = ± 1.60 dB; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.
- 6. Up Line: QP Limit Line, Down Line: Ave Limit Line.

FCC ID: 2AAMHSDV01A

Limits:

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

Test equipment used:ETSTW-CE 001, ETSTW-CE 004, ETSTW-CE 006, ETSTW-RE 045

FCC ID: 2AAMHSDV01A

Appendix

Measurement diagrams

Radiated Emission

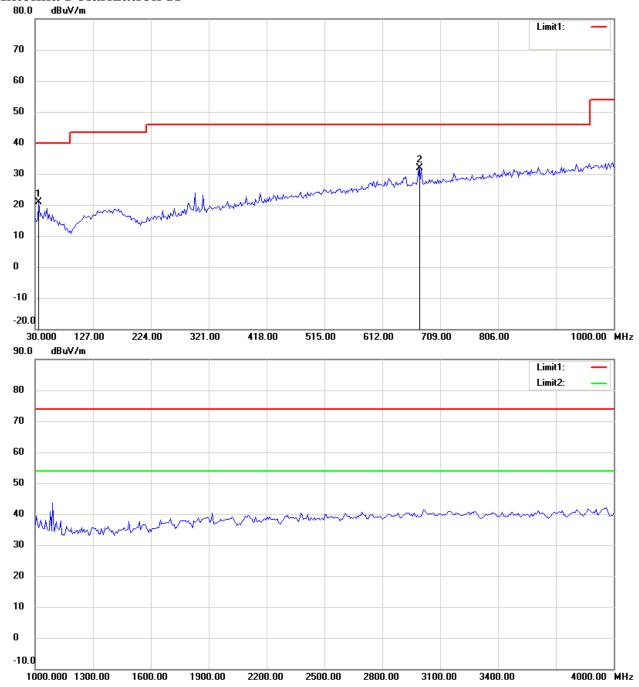


Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Radiated Emission_TX 802.11b CH1

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.

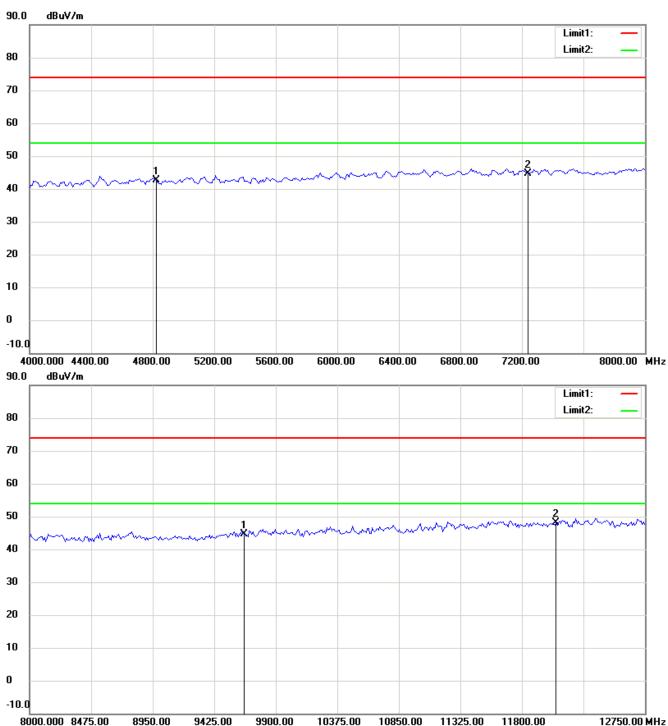
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.

3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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.

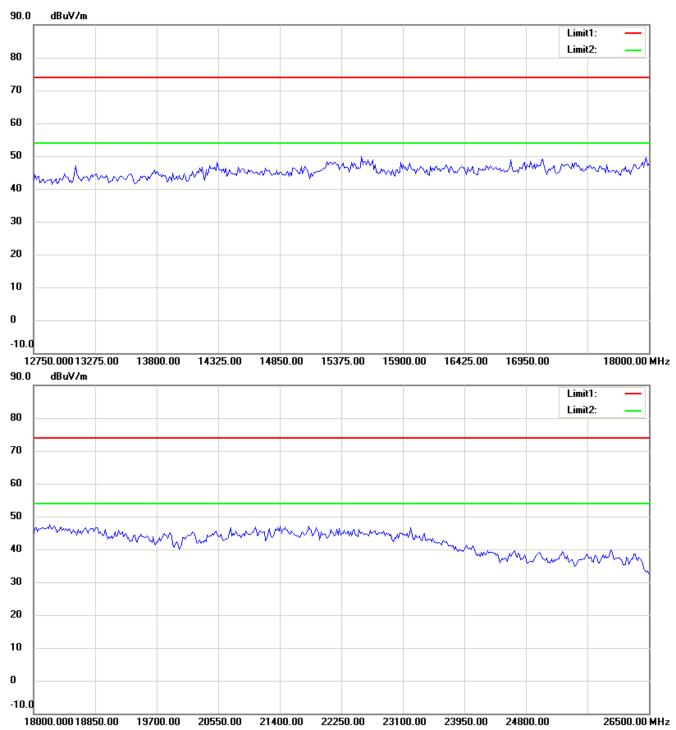
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.

3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



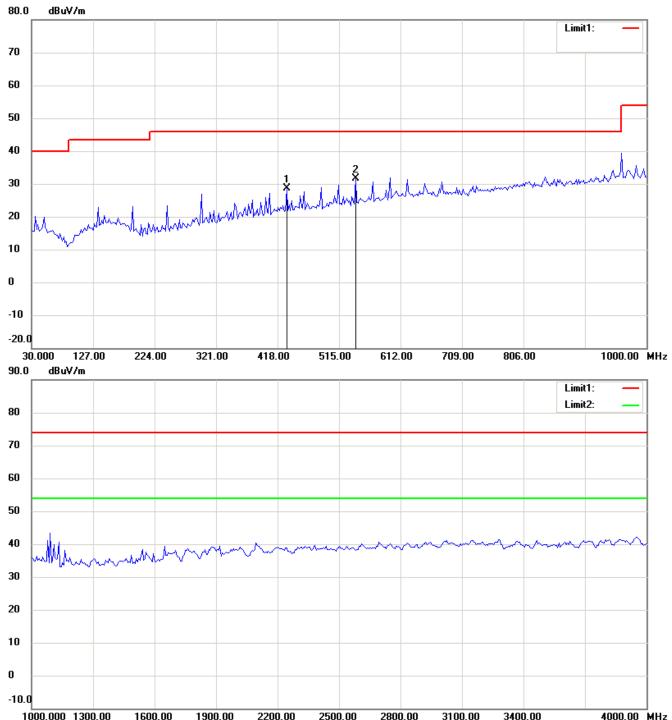
- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Antenna Polarization V

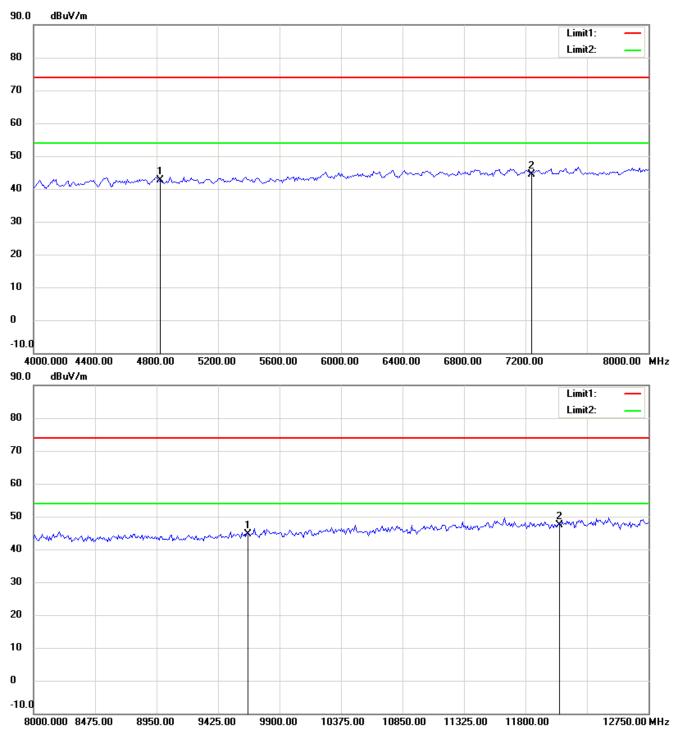


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

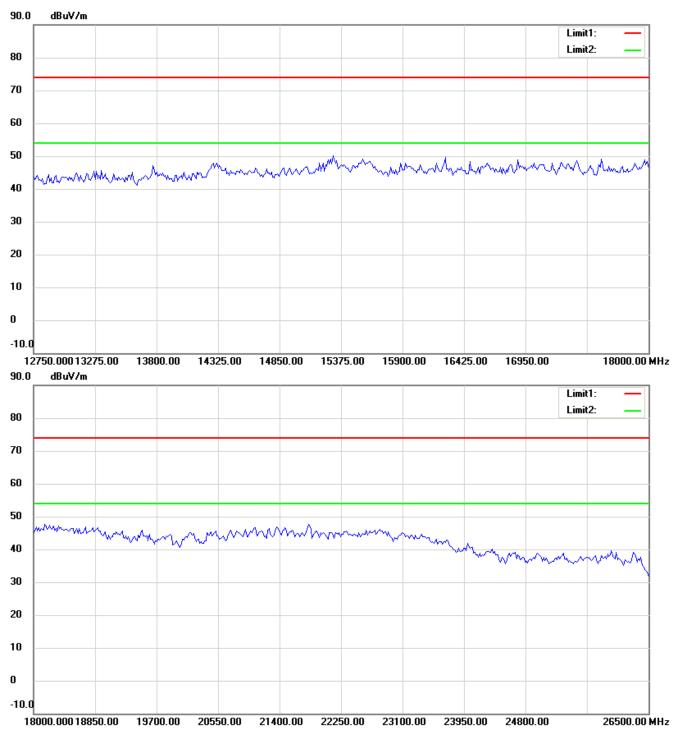


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



- 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.

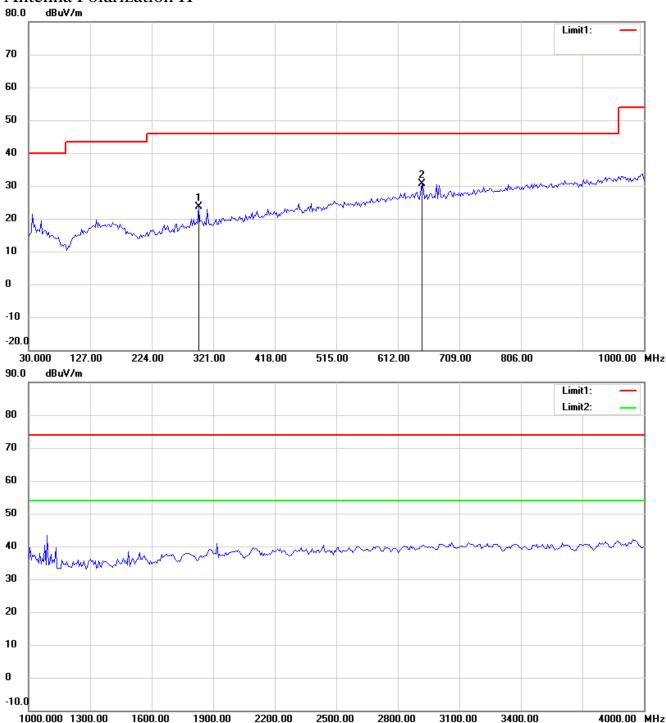


Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

802.11b CH6

Antenna Polarization H

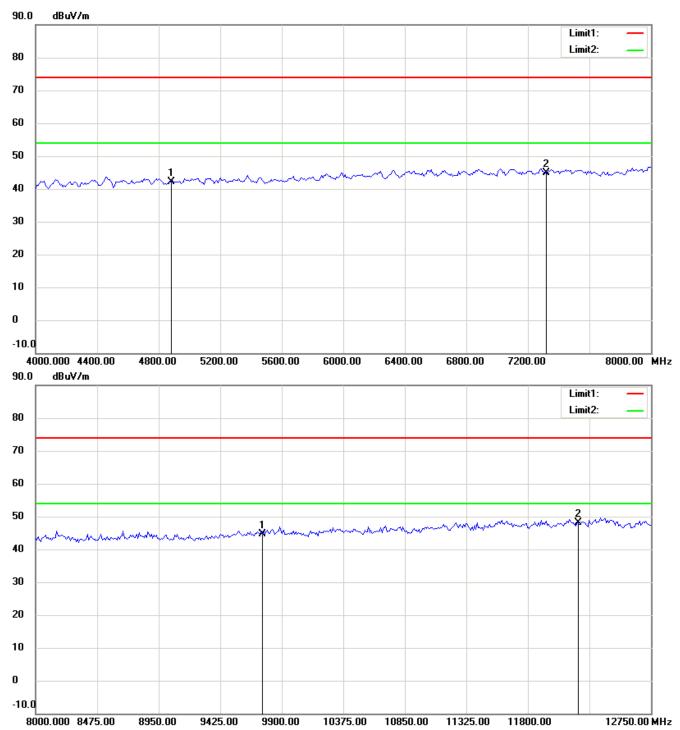


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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.

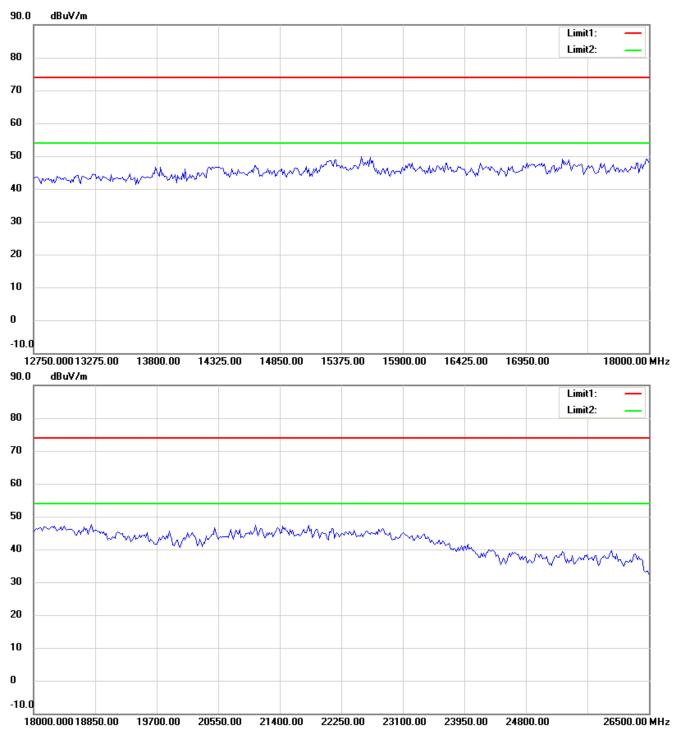
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.

3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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.

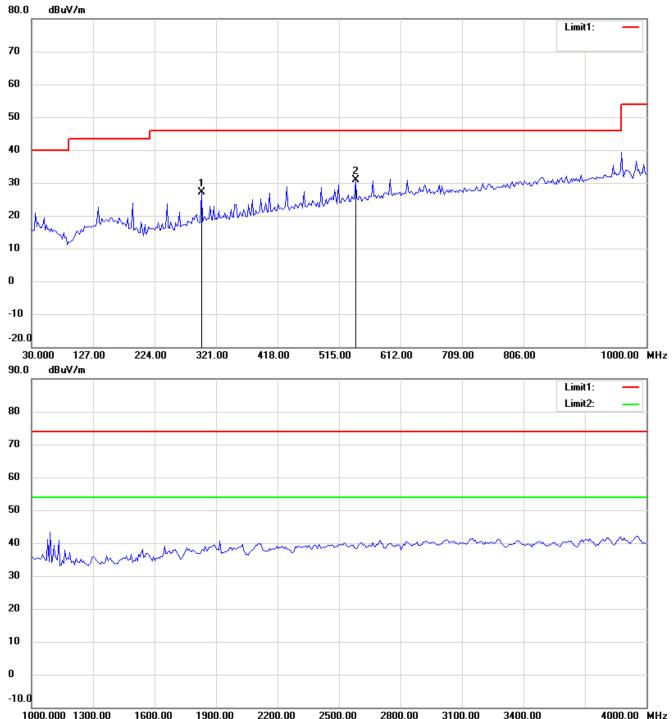
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Antenna Polarization V

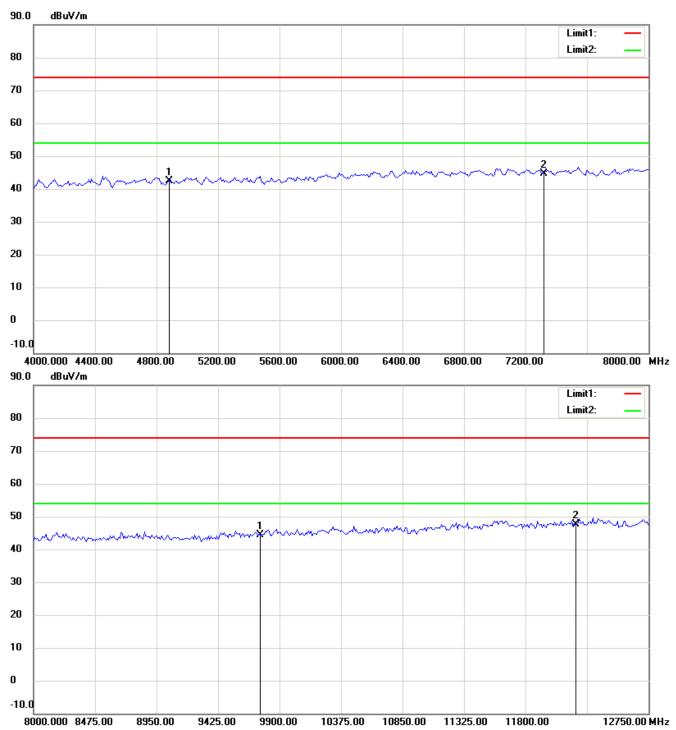


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

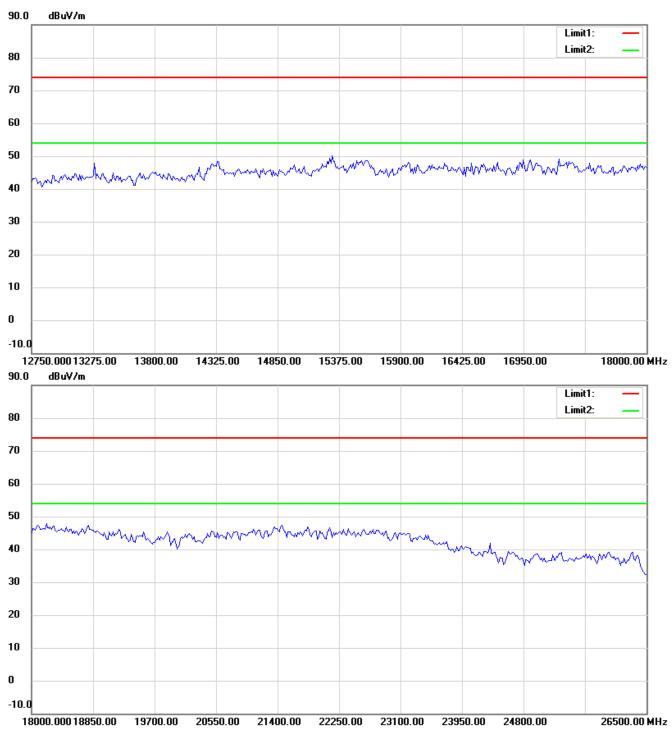


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



- 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.

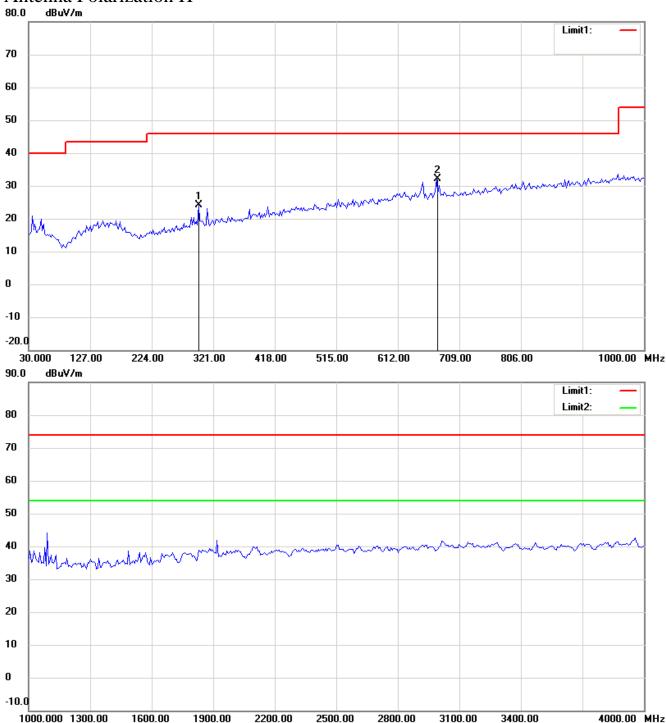


Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

802.11b CH11

Antenna Polarization H

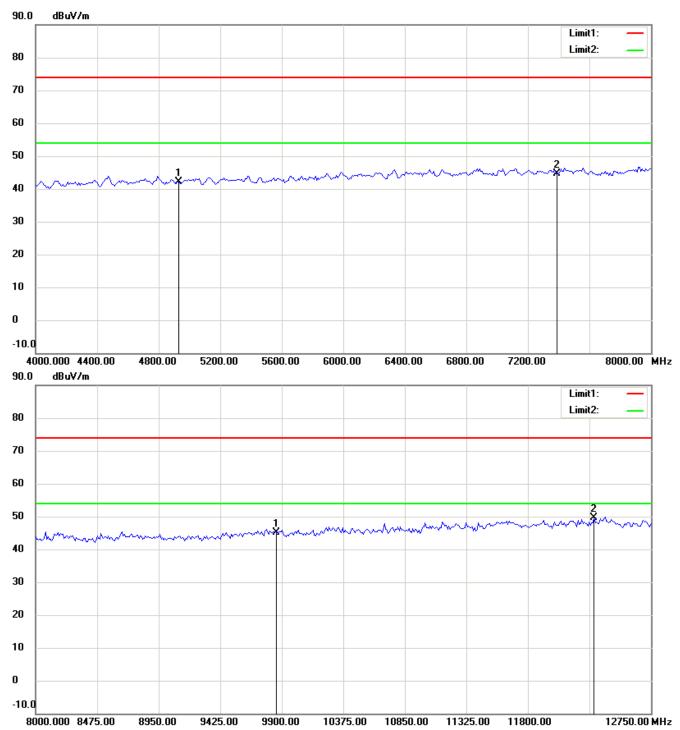


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

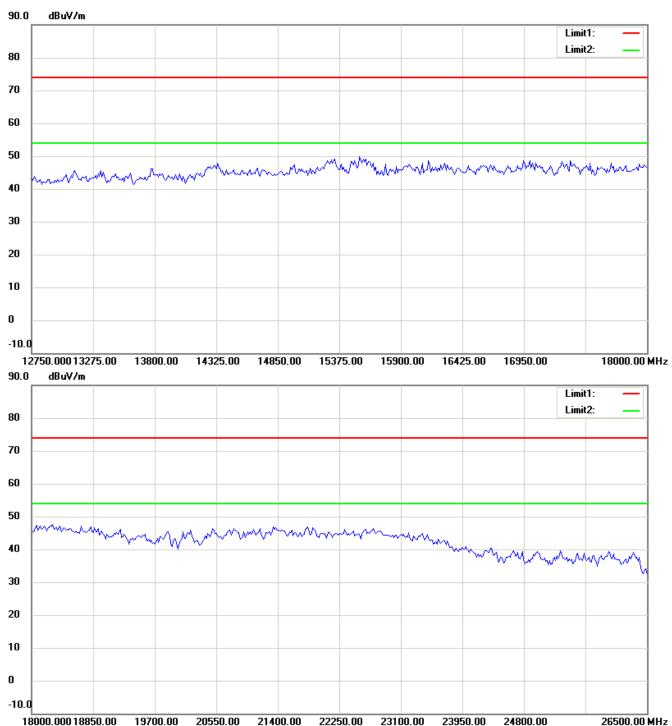


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



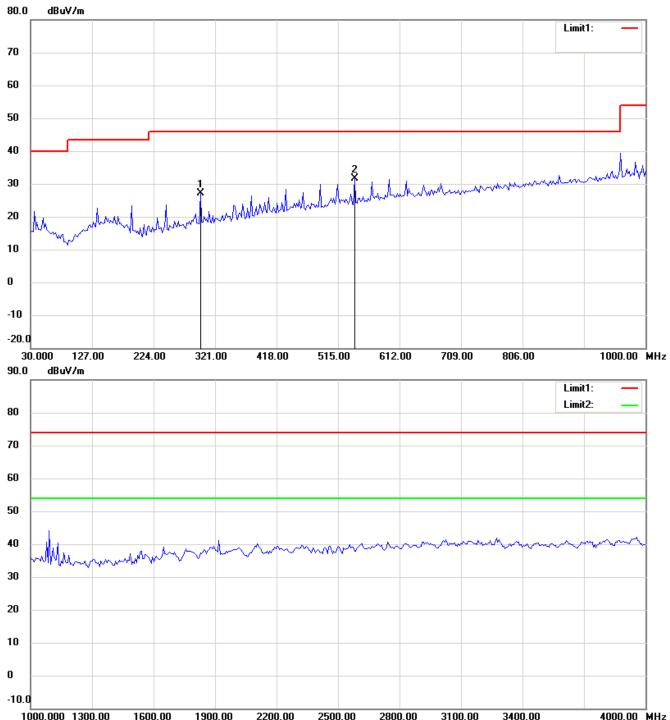
- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Antenna Polarization V

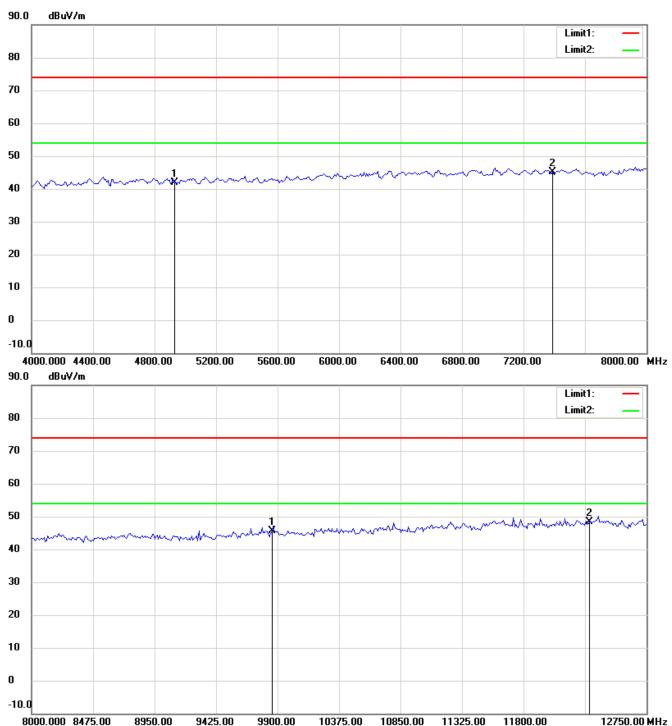


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

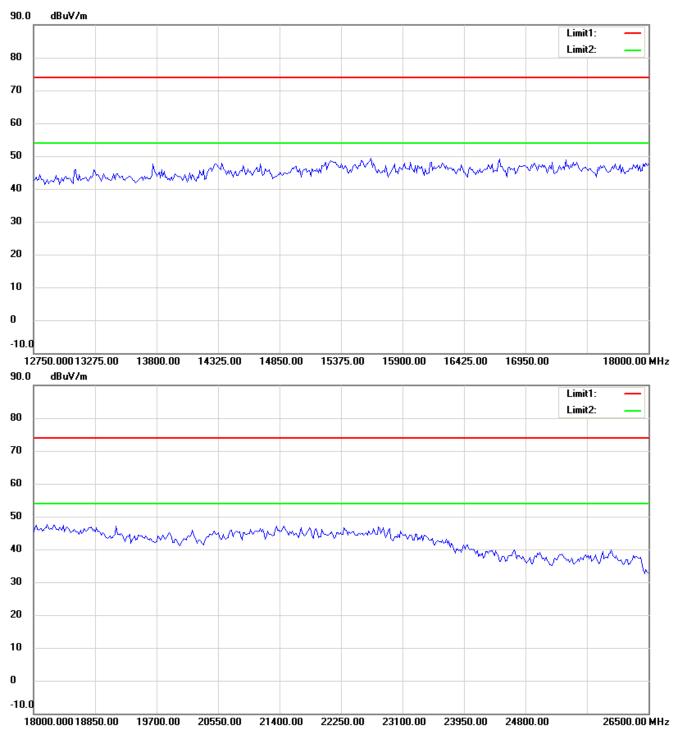


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



- 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.

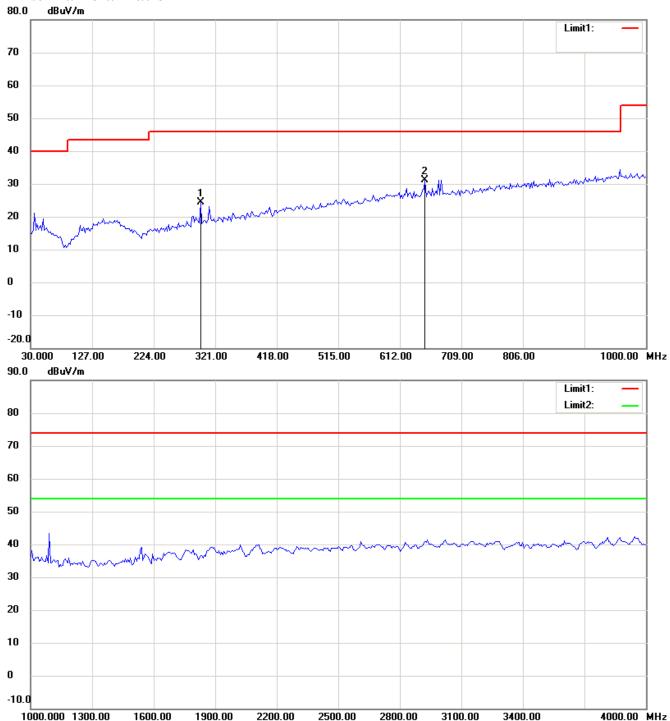


Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

802.11g CH1

Antenna Polarization H

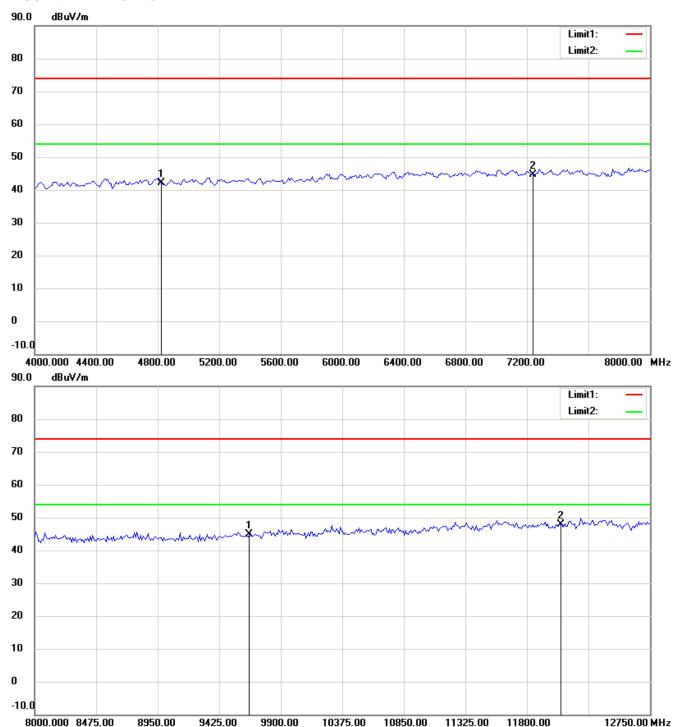


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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.

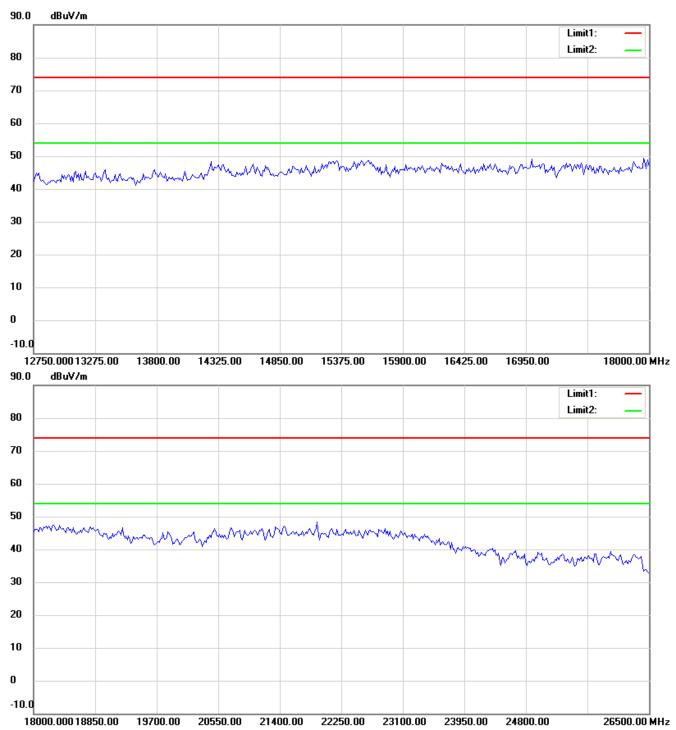
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.

3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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.

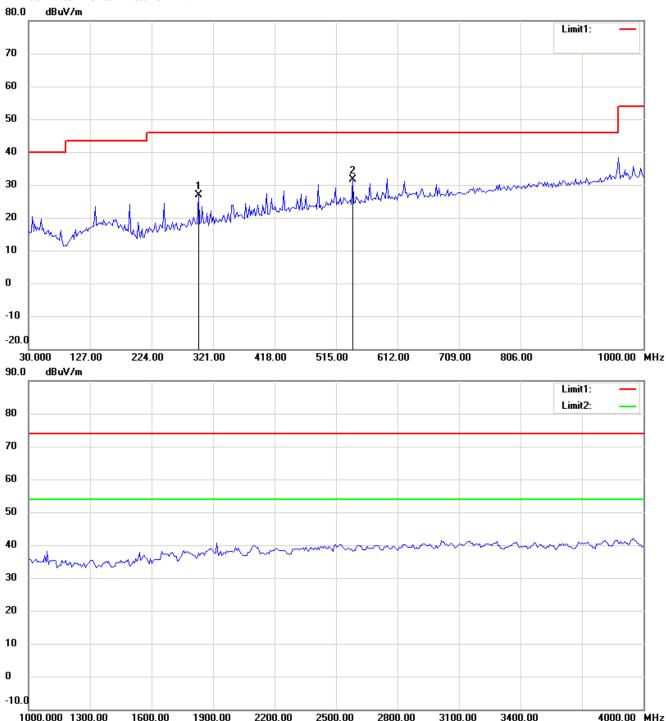
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Antenna Polarization V

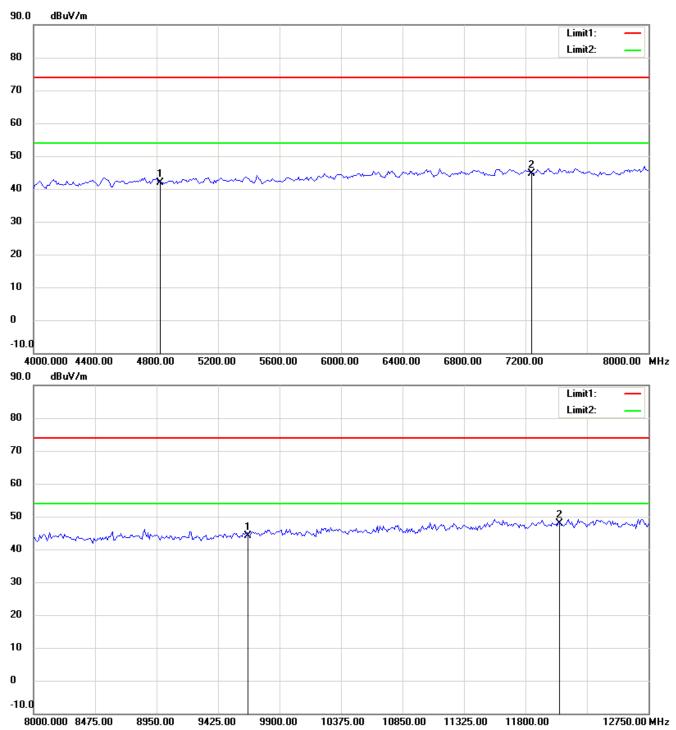


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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.

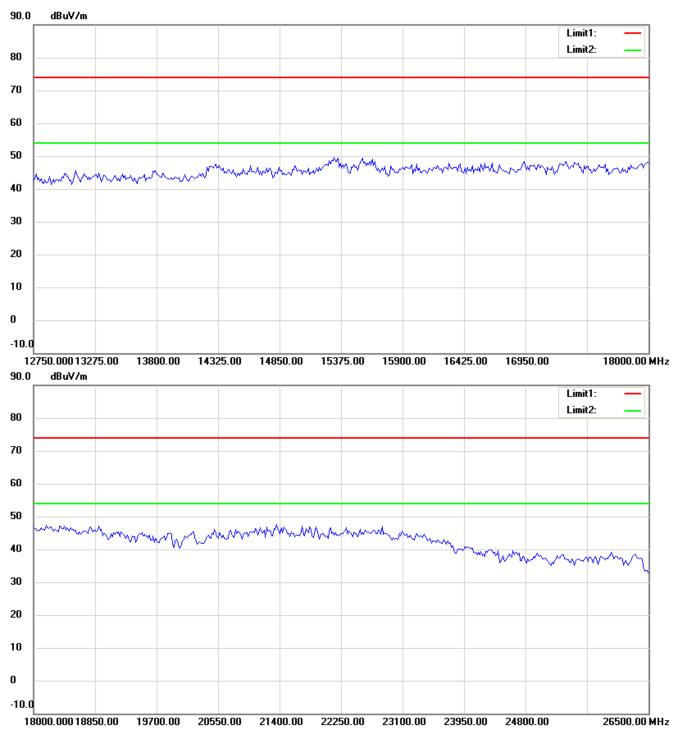
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.

3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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- 3. For corrected test results are listed in the relevant table of radiated test data of this test report.

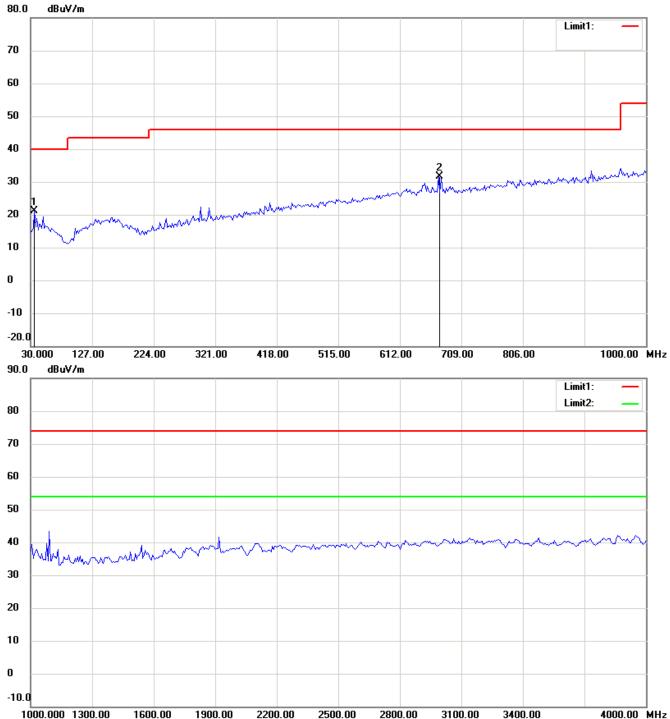


Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

802.11g CH6

Antenna Polarization H

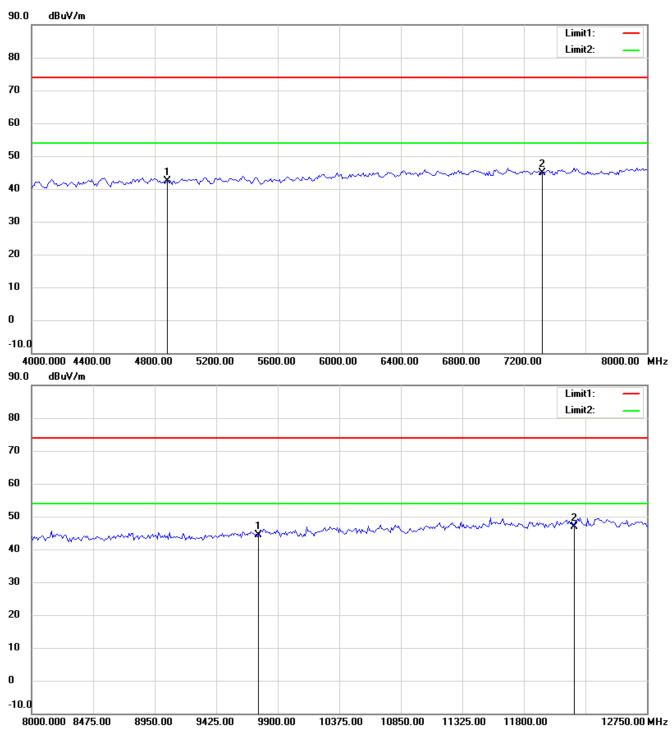


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

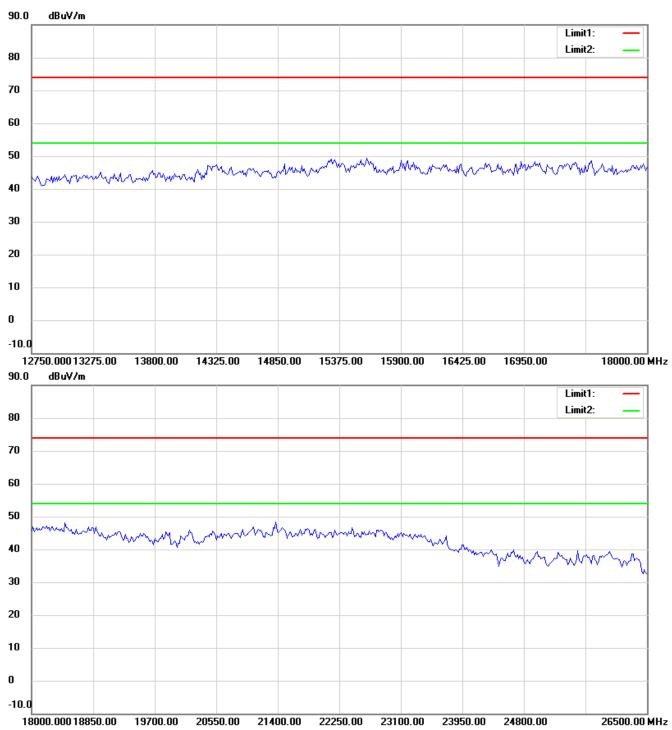


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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.

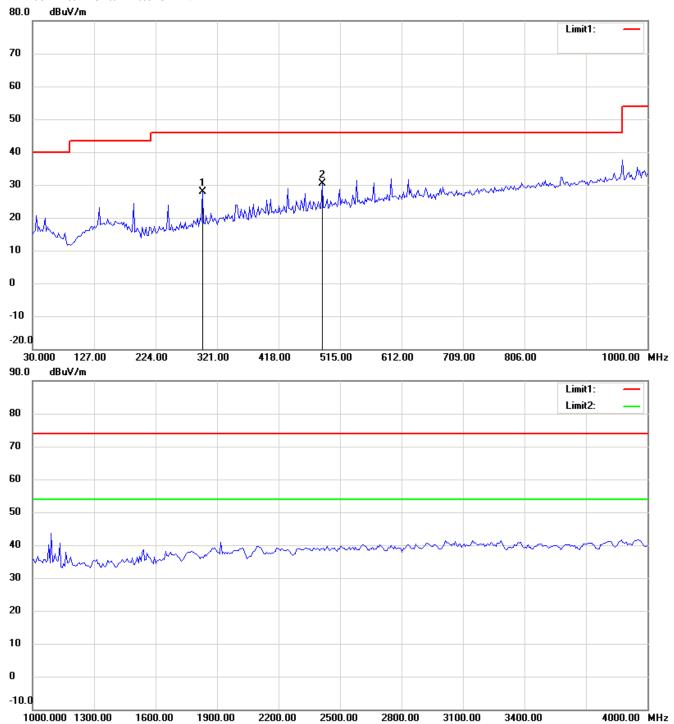
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Antenna Polarization V

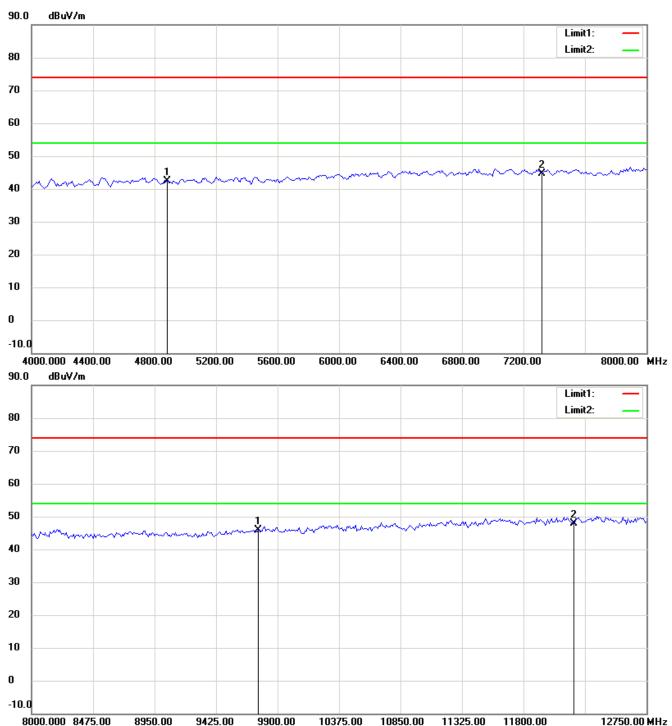


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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

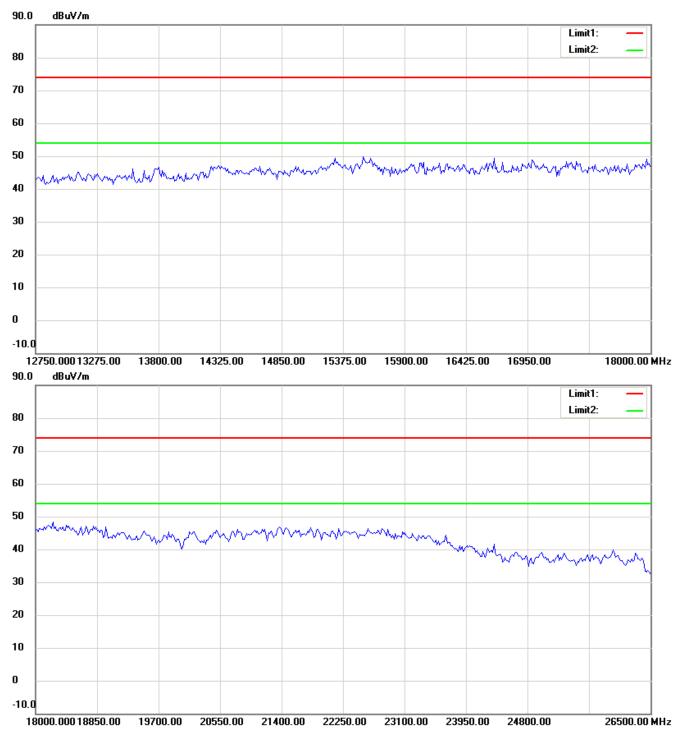
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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

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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.

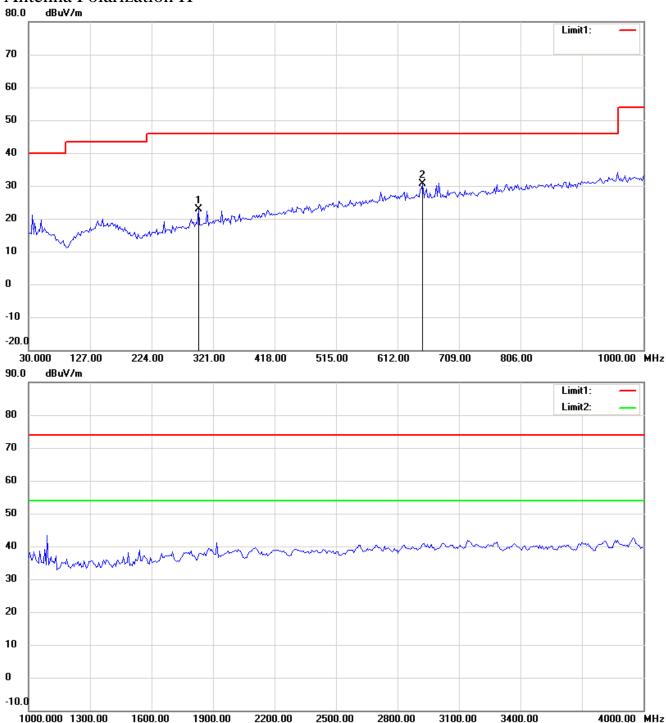


Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

802.11g CH11

Antenna Polarization H

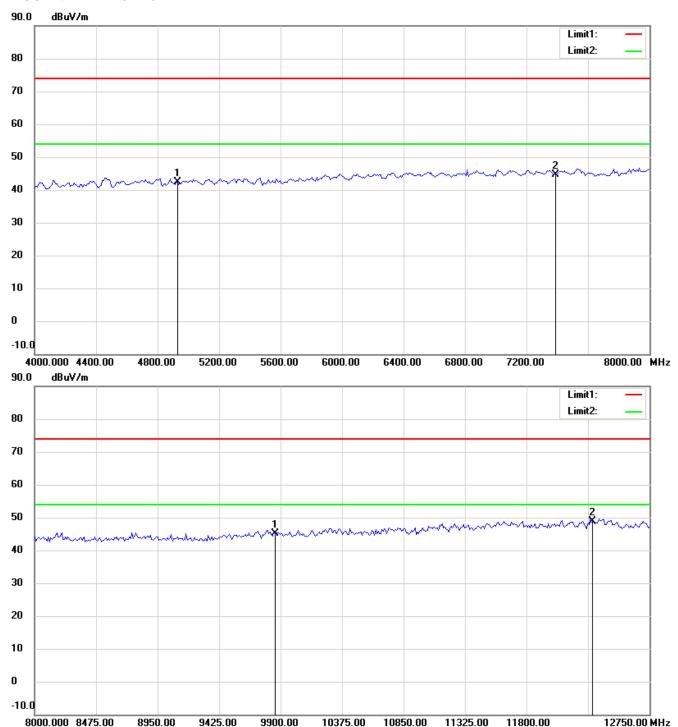


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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

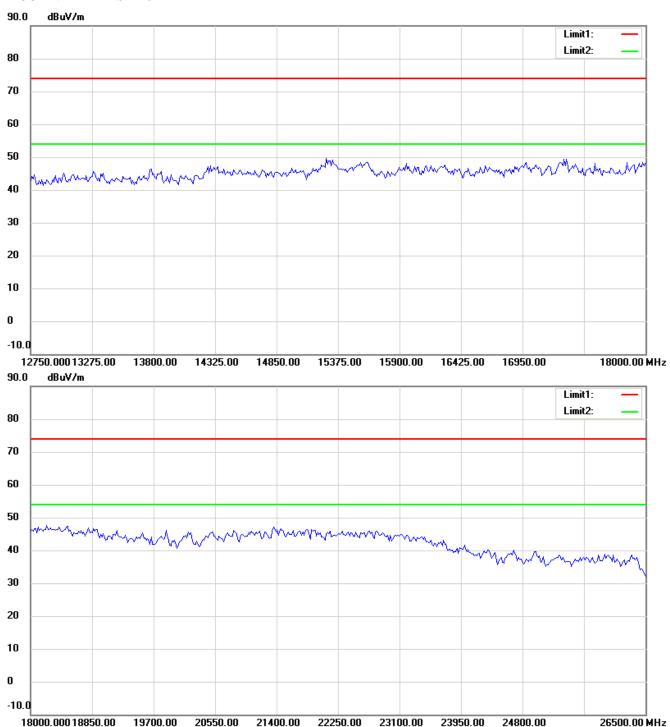
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.

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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



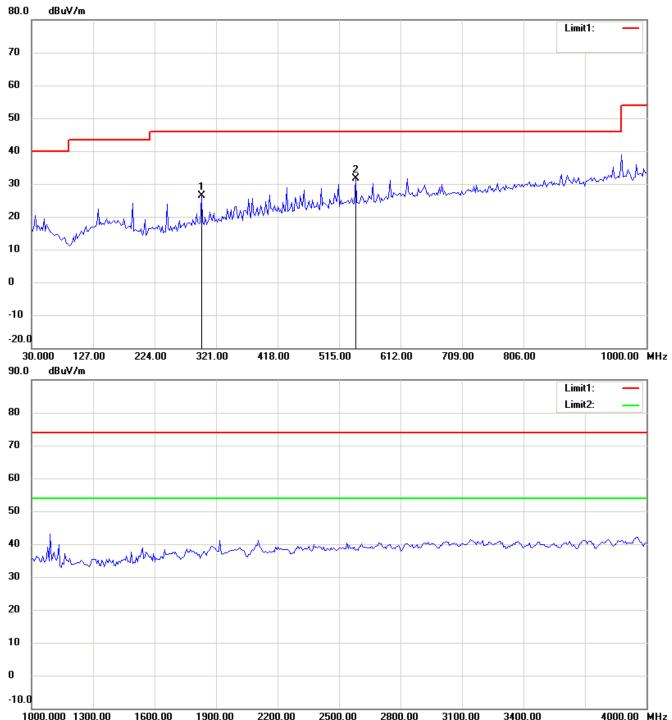
- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Antenna Polarization V

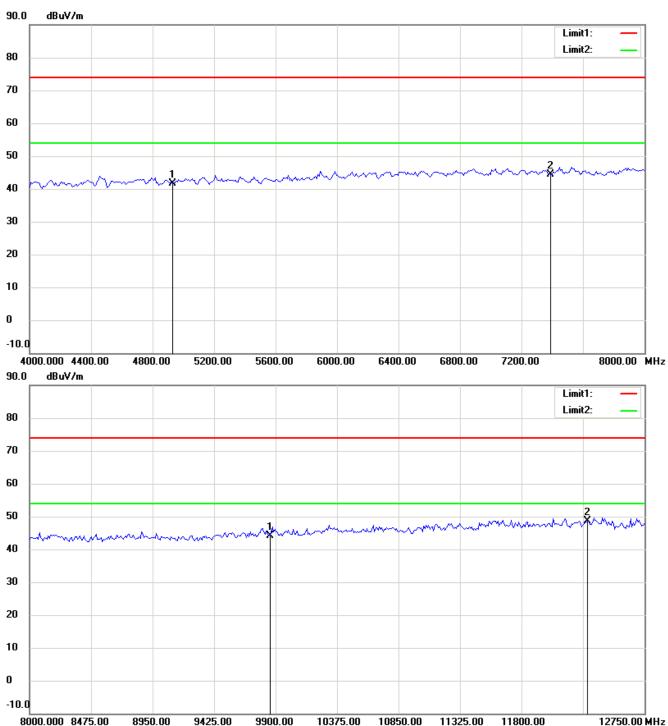


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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

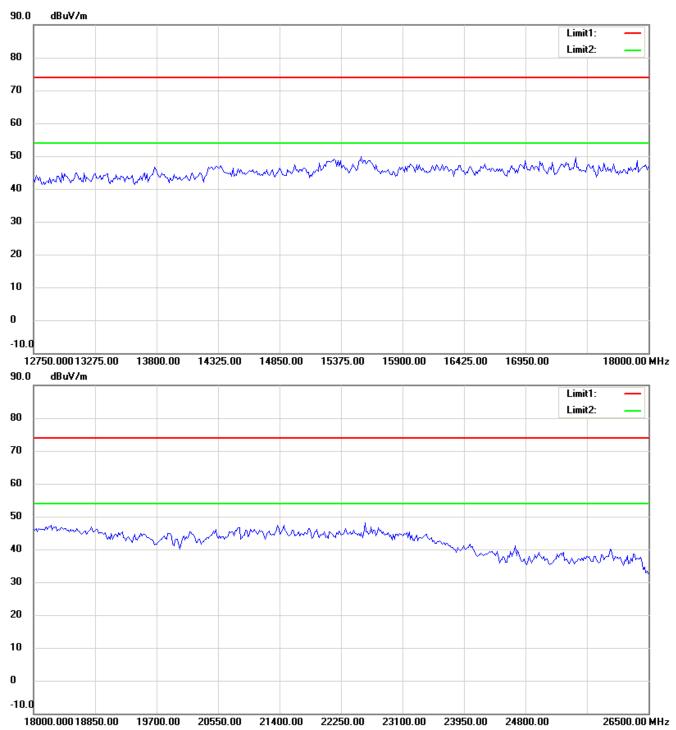


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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

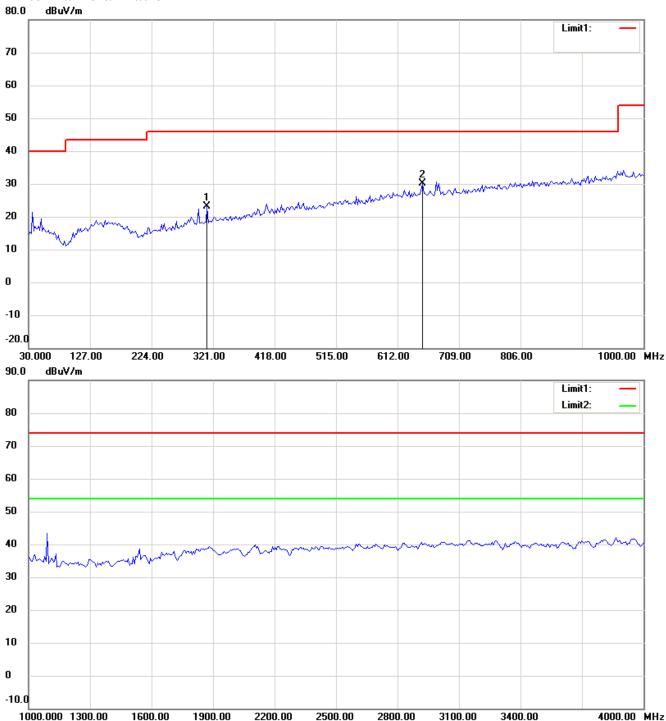
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A 802.11n(20MHz) CH1 Antenna Polarization H

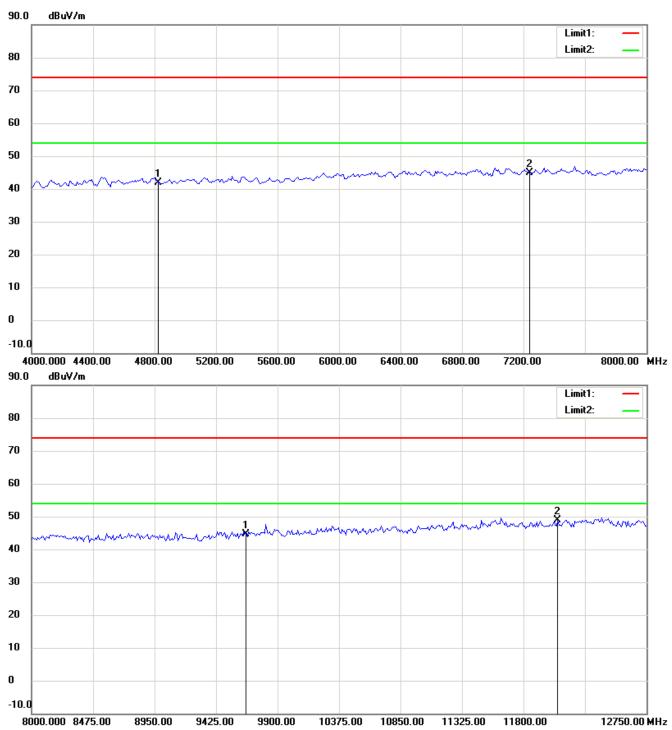


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

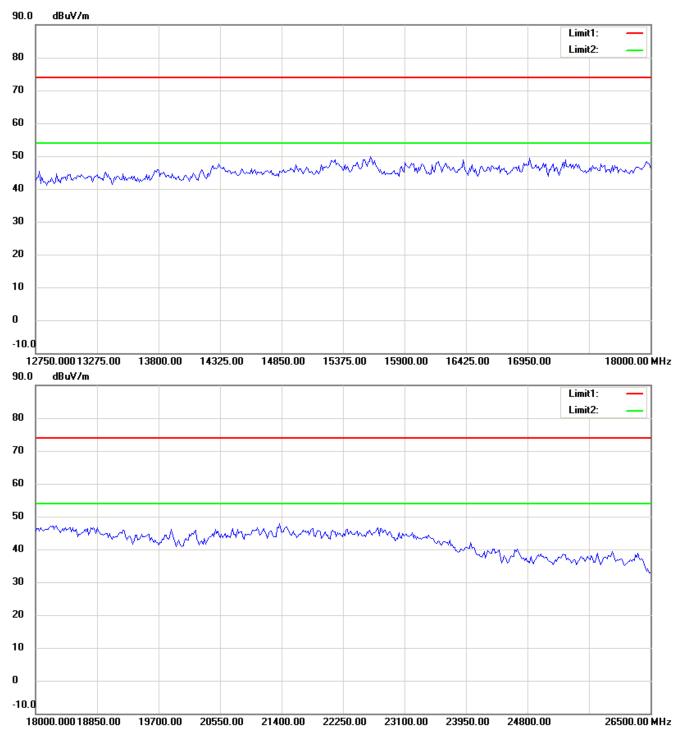


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



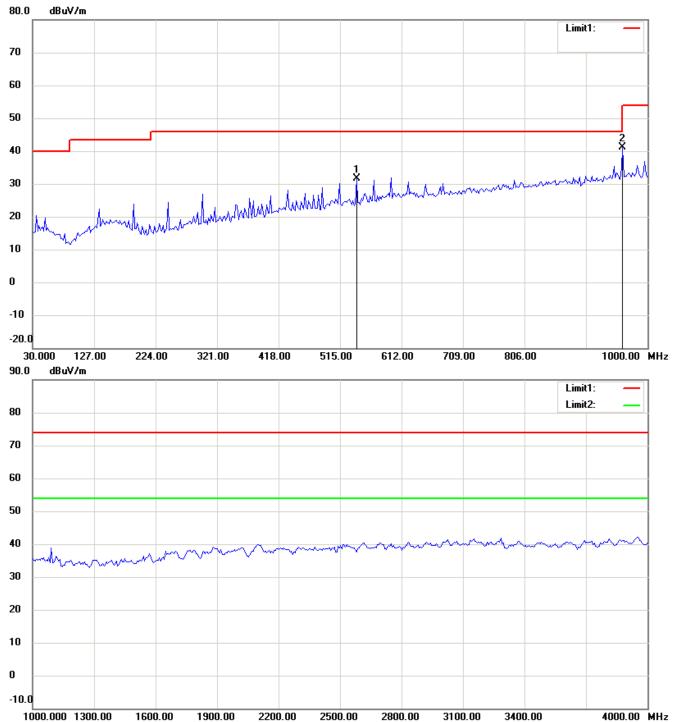
- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Antenna Polarization V

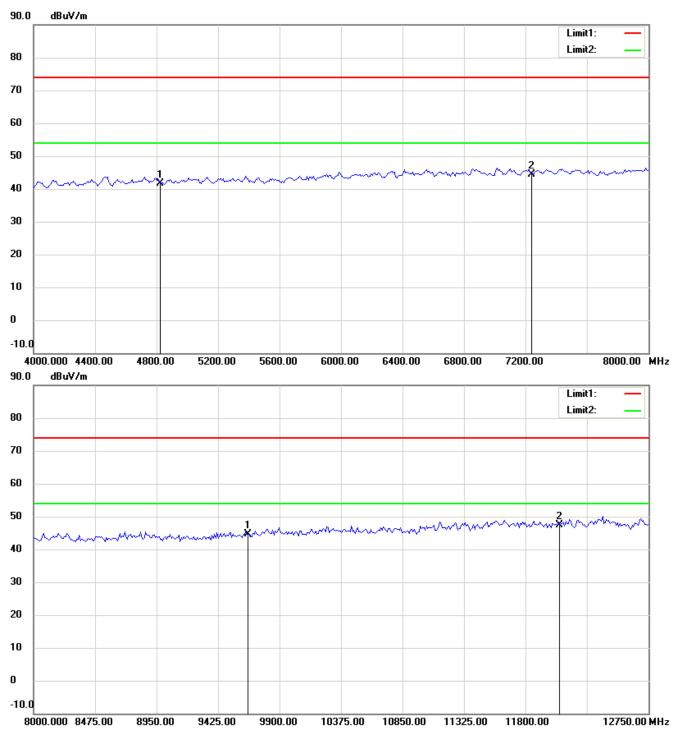


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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

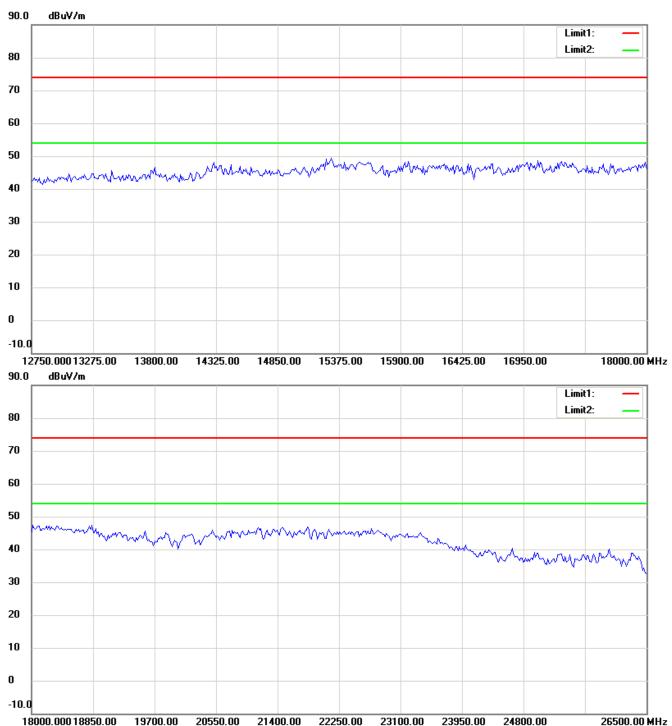


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

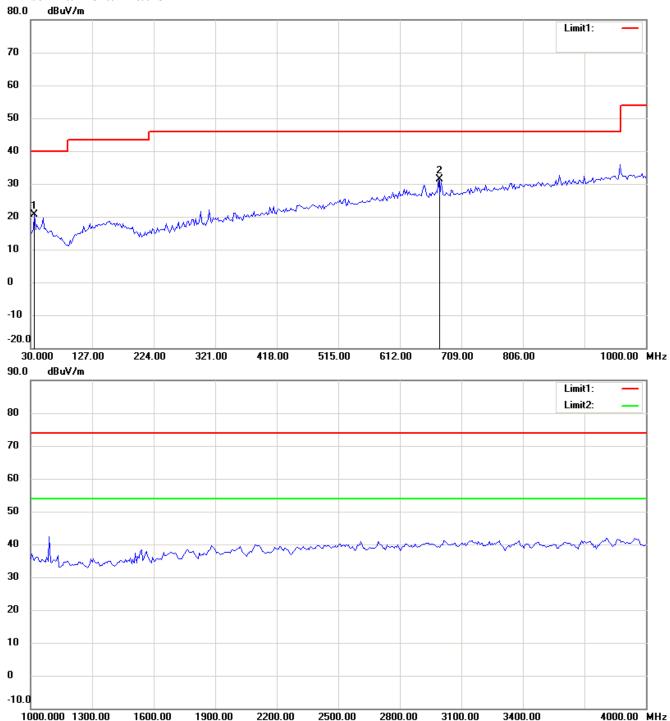


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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A 802.11n(20MHz) CH6 Antenna Polarization H

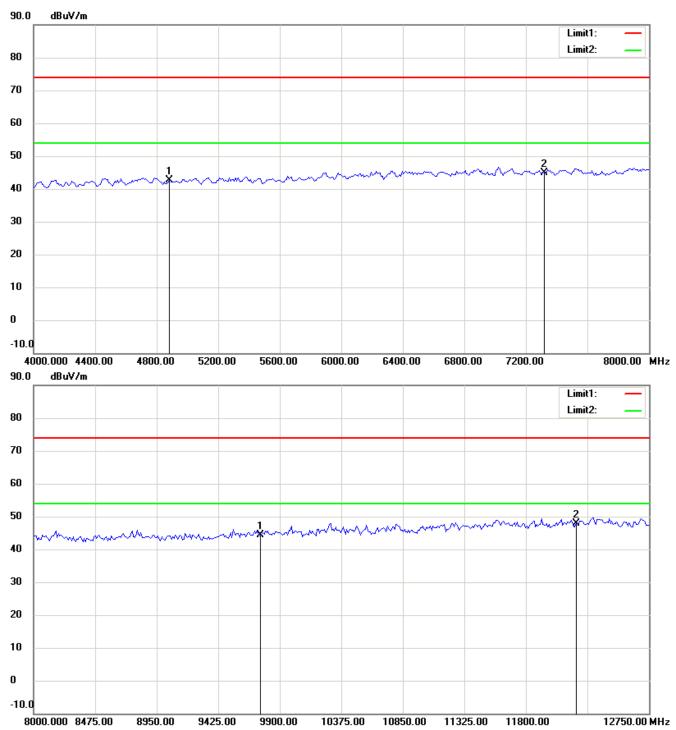


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification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



Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

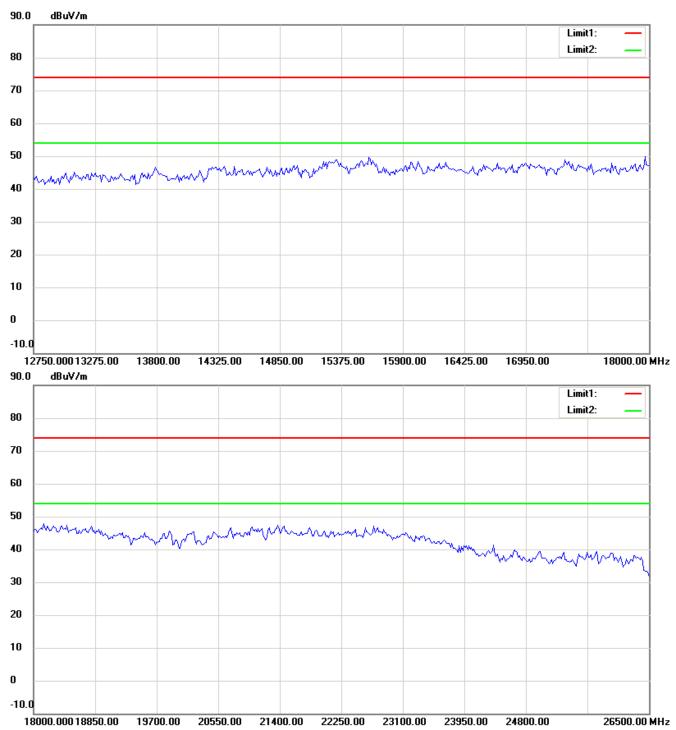


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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



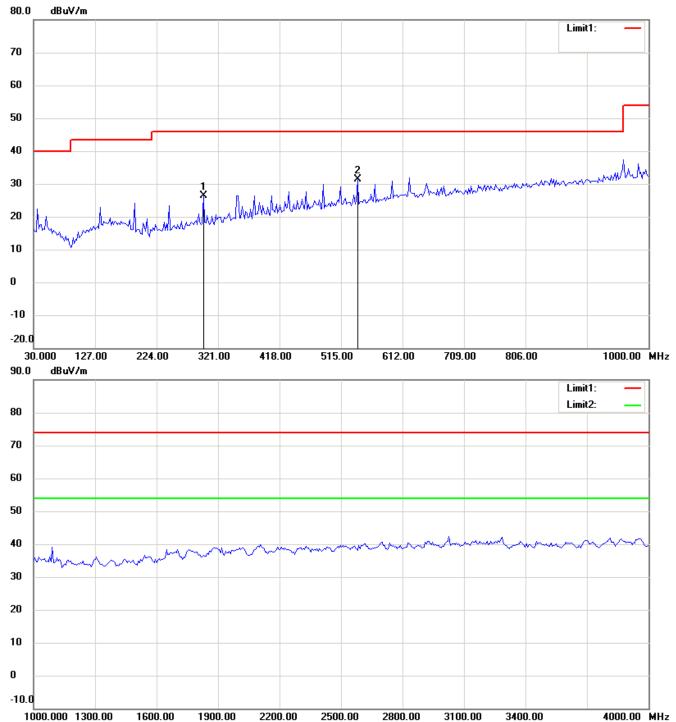
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Antenna Polarization V

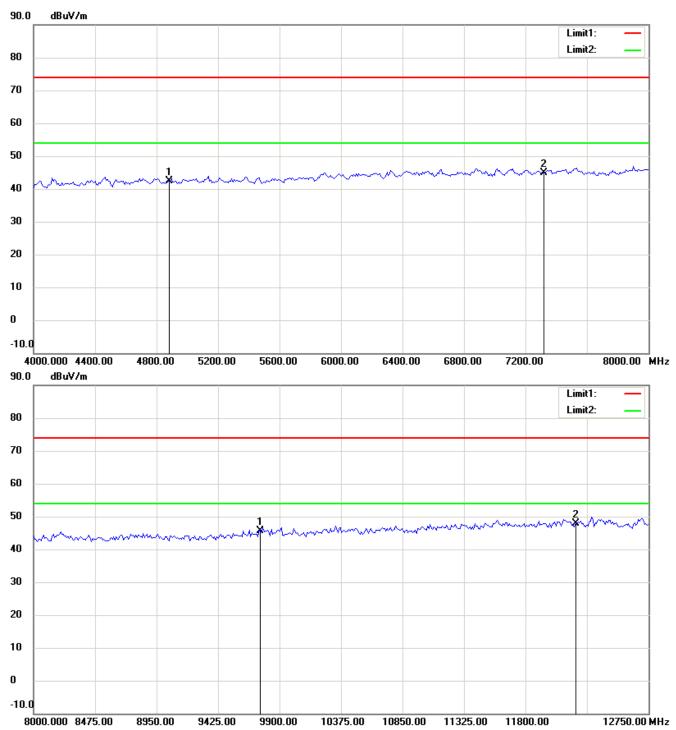


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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

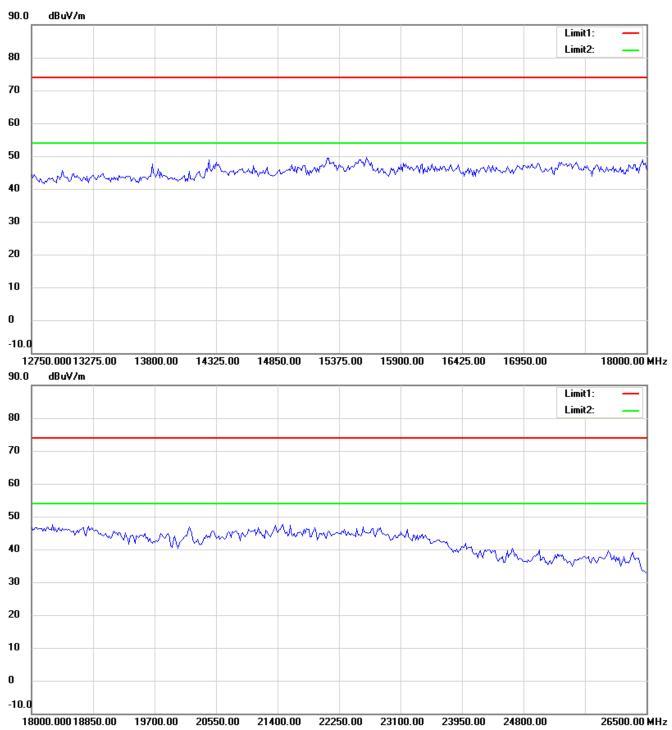


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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

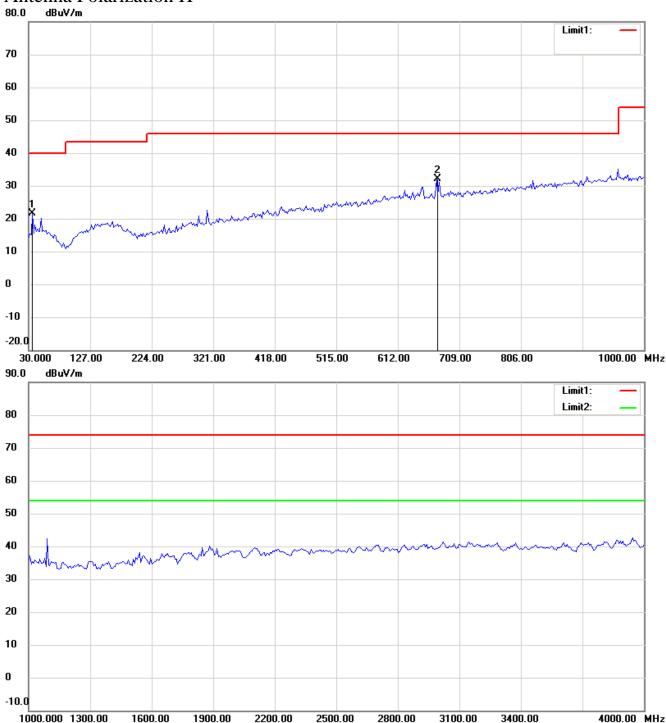


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
- 2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A 802.11n(20MHz) CH11 Antenna Polarization H

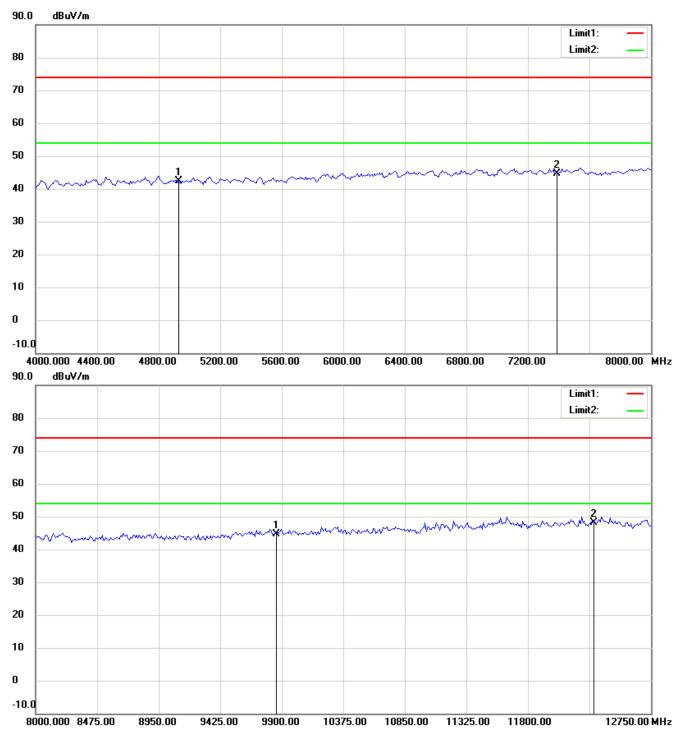


- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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

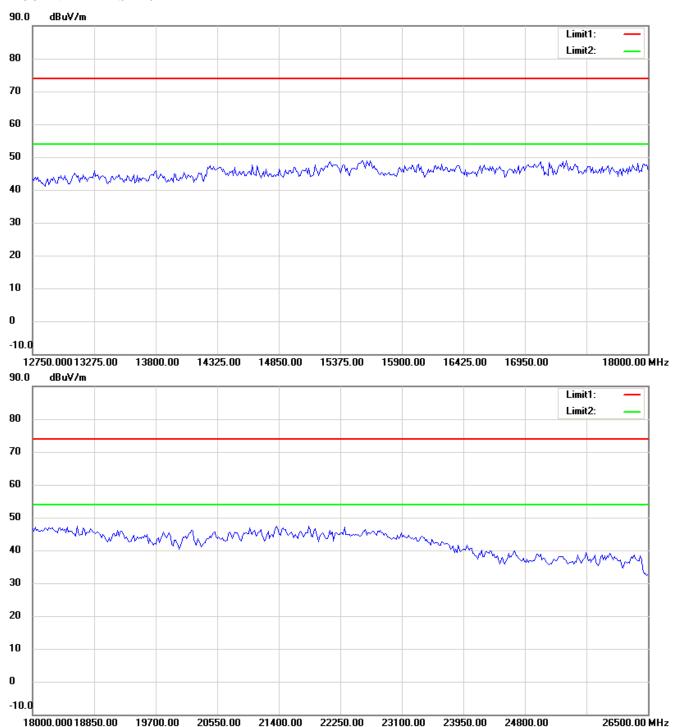
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



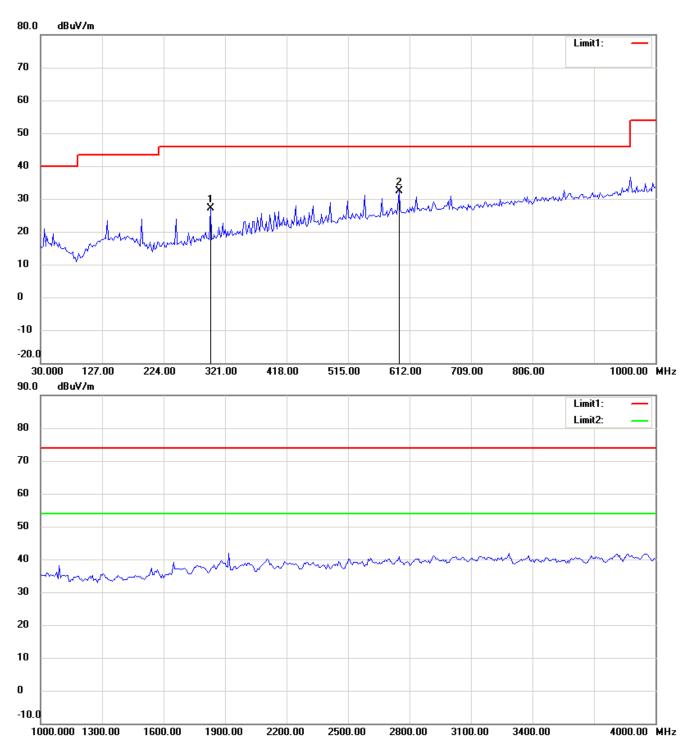
- 1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

Antenna Polarization V

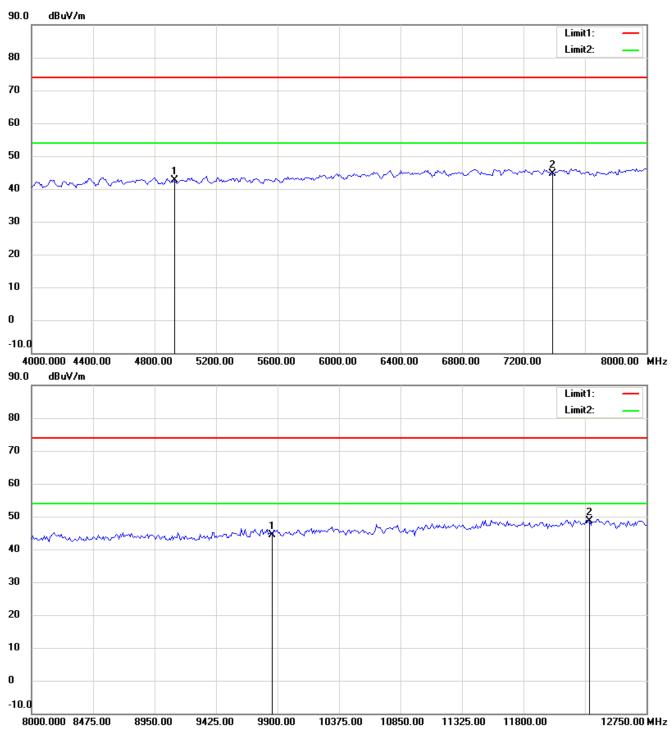


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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A

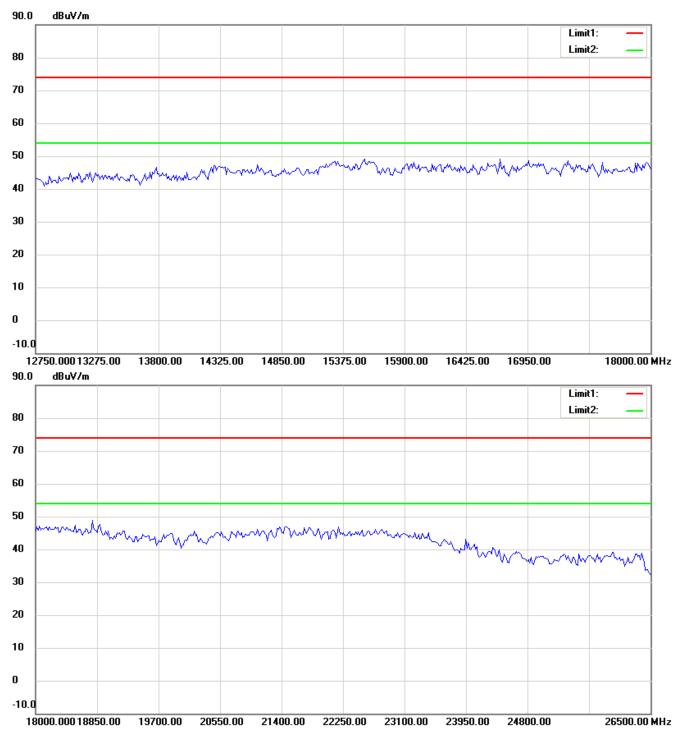


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Registration number: W6M21305-13209-C-1

FCC ID: 2AAMHSDV01A



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

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