



Report Reference No	TRE1712003203	R/C: 74619			
FCC ID:	WA6S5036				
Applicant's name:	Verykool USA Inc				
Address	3636 Nobel Drive, Suite 325	5, San Diego,CA 92122 USA			
Manufacturer	HUAWO TECHNOLOGY L	IMITED			
Address	3 floor west,B building,New world shopping plaza,Gushu 2nd road, Xixiang street,Baoan District,Shenzhen,China				
Test item description	Mobile Phone				
Trade Mark	Verykool				
Model/Type reference:	s5037				
Listed Model(s)	s5036				
Standard:	FCC CFR Title 47 Part 15	Subpart C Section 15.247			
Date of receipt of test sample	Dec.05, 2017				
Date of testing	Dec.05, 2017 - Dec.26, 201	17			
Date of issue	Dec.27, 2017				
Result	PASS				
Compiled by		in Candy Live,			
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(position+printedname+signature):	Project Engineer : Edward	Pan Bowwerverjaa			
Approved by (position+printedname+signature):	RF Manager Hans Hu	Pan Bolward. Pan Hoursty			
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1. TEST STANDARDS AND REPORT VERSION

1.1. Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.247: Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz.

ANSI C63.10:2013: American National Standard forTesting Unlicensed Wireless Devices

<u>KDB 558074 D01 DTS Meas Guidance v04:</u> Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating under §15.247

1.2. Report version

Version No.	Date of issue	Description
00	Dec.27, 2017	Original

2. TEST DESCRIPTION

Test Item	FCC Rule	Result	Test Engineer
Antenna requirement	15.203/15.247(c)	PASS	OU YANG
Line Conducted Emissions (AC Main)	15.207	PASS	OU YANG
Conducted Peak Output Power	15.247(b)(3)	PASS	OU YANG
Power Spectral Density	15.247(e)	PASS	OU YANG
6dB Bandwidth	15.247(a)(2)	PASS	OU YANG
Restricted band	15.247(d)/15.205	PASS	OU YANG
Spurious Emissions	15.247(d)/15.209	PASS	OU YANG

Note: The measurement uncertainty is not included in the test result.

3. <u>SUMMARY</u>

3.1. Client Information

Applicant:	Verykool USA Inc
Address:	3636 Nobel Drive, Suite 325, San Diego, CA 92122 USA
Manufacturer:	HUAWO TECHNOLOGY LIMITED
Address:	3 floor west,B building,New world shopping plaza,Gushu 2nd road, Xixiang street,Baoan District,Shenzhen,China

3.2. Product Description

Name of EUT:	Mobile Phone	
Trade Mark:	Verykool	
Model No.:	s5037	
Listed Model(s):	s5036	
IMEI 1:	355288090315468	
IMEI 2:	355288090315476	
Power supply:	DC 3.7V	
	Input: 100-240Va.c., 50/60Hz, 0.2A	
Adapter information:	Output: 5Vd.c.,1000mA	
Hardware version:	30DWM88ET	
Software version:	s5036_VK_Generic_Dual_SW_1.0	
WIFI		
Supported type:	802.11b/802.11g/802.11n(HT20)/802.11n(HT40)	
	DSSS for 802.11b	
Modulation:	OFDM for 802.11g/802.11n(HT20)/802.11n(HT40)	
	2412MHz~2462MHz for 802.11b/802.11g/802.11n(HT20)	
Operation frequency:	2422MHz~2452MHz for 802.11n(HT40)	
	11 for 802.11b/802.11g/802.11n(HT20)	
Channel number:	7 for 802.11n(HT40)	
Channel separation:	5MHz	
Antenna type:	Integral antenna	

3.3. Operation state

Test frequency list

According to section 15.31(m), regards to the operating frequency range over 10 MHz, must select three channel which were tested. the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, please see the above gray bottom.

802.11b/g	/n(HT20)	802.11n	n(HT40)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	
01	2412	01	-	
02	2417	02	-	
03	2422	03	2422	
04	2427	04	2427	
05	2432	05	2432	
06	2437	06	2437	
07	2442	07	2442	
08	2447	08	2447	
09	2452	09	2452	
10	2457	10	-	
11	2462	11	-	

> Test mode

For RF test items

The engineering test program was provided and enabled to make EUT continuous transmit (duty cycle>98%).

For AC power line conducted emissions:

The EUT was set to connect with the WLAN AP under large package sizes transmission.

For Radiated suprious emissions test item:

The engineering test program was provided and enabled to make EUT continuous transmit(duty cycle>98%). The EUT in each of three orthogonal axis emissions had been tested ,but only the worst case (X axis) data Recorded in the report.

3.4. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

- supplied by the manufacturer
- supplied by the lab

o /		Manufacturer:	/
		Model No.:	/
		Manufacturer:	1
0	1	Model No.:	/

3.5. Modifications

No modifications were implemented to meet testing criteria.

4. TEST ENVIRONMENT

4.1. Address of the test laboratory

Laboratory: Shenzhen Huatongwei International Inspection Co., Ltd.

Address: 1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China

4.2. Test Facility

CNAS-Lab Code: L1225

Shenzhen Huatongwei International Inspection Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No.: 3902.01

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 762235

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files.

IC-Registration No.:5377B-1

Two 3m Alternate Test Site of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No.: 5377B-1.

ACA

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our A2LA accreditation.

4.3. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15~35°C
Relative Humidity:	30~60 %
Air Pressure:	950~1050mba

4.4. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors in calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report according to TR-100028-01 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 2" and is documented in the Shenzhen Huatongwei International Inspection Co., Ltd. quality system according to ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Here after the best measurement capability for Shenzhen Huatongwei International Inspection Co., Ltd. is reported:

Test Items	Measurement Uncertainty	Notes
Transmitter power conducted	0.57 dB	(1)
Transmitter power Radiated	2.20 dB	(1)
Conducted spurious emissions 9kHz~40GHz	1.60 dB	(1)
Radiated spurious emissions 9kHz~40GHz	2.20 dB	(1)
Conducted Emissions 9kHz~30MHz	3.39 dB	(1)
Radiated Emissions 30~1000MHz	4.24 dB	(1)
Radiated Emissions 1~18GHz	5.16 dB	(1)
Radiated Emissions 18~40GHz	5.54 dB	(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

Equipments Used during the Test

Conduc	Conducted Emissions						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. (mm-dd-yy)	Next Cal. (mm-dd-yy)	
1	EMI Test Receiver	R&S	ESCI	101247	11/11/2017	11/10/2018	
2	Artificial Mains	SCHWARZBECK	NNLK 8121	573	11/11/2017	11/10/2018	
3	2-Line V- Network	R&S	ESH3-Z5	100049	11/11/2017	11/10/2018	
4	Pulse Limiter	R&S	ESH3-Z2	101488	11/11/2017	11/10/2018	
5	RF Connection Cable	HUBER+SUHNER	EF400	N/A	11/21/2017	11/20/2018	
6	Test Software	R&S	ES-K1	N/A	N/A	N/A	

Radiat	Radiated Emissions						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. (mm-dd-yy)	Next Cal. (mm-dd-yy)	
1	EMI Test Receiver	R&S	ESCI	101247	11/11/2017	11/10/2018	
2	Loop Antenna	R&S	HFH2-Z2	100020	11/20/2017	11/19/2018	
3	Ultra- Broadband Antenna	SCHWARZBECK	VULB9163	538	4/5/2017	4/4/2018	
4	Preamplifier	SCHWARZBECK	BBV 9743	9743-0022	10/18/2017	10/17/2018	
5	RF Connection Cable	HUBER+SUHNE R	RE-7-FL	N/A	11/21/2017	11/20/2018	
6	EMI Test Software	R&S	ESK1	N/A	N/A	N/A	
7	Spectrum Analyzer	R&S	FSP40	100597	11/11/2017	11/10/2018	
8	Horn Antenna	SCHWARZBECK	9120D	1011	3/27/2017	3/26/2018	
9	Horn Antenna	SCHWARZBECK	BBHA9170	25841	3/27/2017	3/26/2018	
10	Broadband Preamplifier	SCHWARZBECK	BBV 9718	9718-248	10/18/2017	10/17/2018	
11	High pass filter	Compliance Direction systems	BSU-6	34202	11/11/2017	11/10/2018	
12	RF Connection Cable	HUBER+SUHNE R	RE-7-FH	N/A	11/21/2017	11/20/2018	
13	EMI Test Software	Audix	E3	N/A	N/A	N/A	
14	Turntable	MATURO	TT2.0	/	N/A	N/A	
15	Antenna Mast	MATURO	TAM-4.0-P	/	N/A	N/A	

RF Conducted Test						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. (mm-dd-yy)	Next Cal. (mm-dd-yy)
1	Spectrum Analyzer	R&S	FSV40	100048	11/11/2017	11/10/2018
2	EXA Signal Analyzer	Agilent	N9020A	184247	9/22/2017	9/21/2018
3	Power Meter	Agilent	U2021XA	178231	9/22/2017	9/21/2018
4	OSP	R&S	OSP120	101317	N/A	N/A

The Cal.Interval was one year.

5. TEST CONDITIONS AND RESULTS

5.1. Antenna requirement <u>REQUIREMENT:</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of anantenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

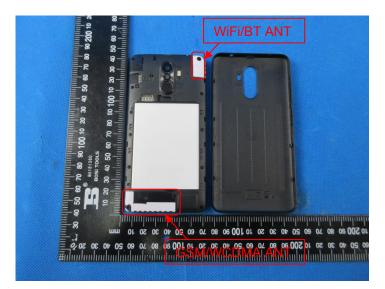
FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i):

(i) Systems operating in the 2400~2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6 dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

TEST RESULTS

☑ Passed □ Not Applicable

The directional gain of the antenna less than 6 dBi, please refer to the below antenna photo.



5.2. Conducted Emissions (AC Main)

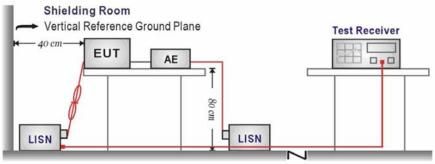
<u>LIMIT</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.207:

	Limit (dBuV)		
Frequency range (MHz)	Quasi-peak	Average	
0.15-0.5	66 to 56*	56 to 46*	
0.5-5	56	46	
5-30	60	50	

* Decreases with the logarithm of the frequency.

TEST CONFIGURATION



-> Horizontal Ground Reference Plane -

TEST PROCEDURE

- 1. The EUT was setup according to ANSI C63.10:2013 requirements.
- The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
- 3. The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment.
- 4. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
- 5. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
- 6. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
- Conducted Emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
- 8. During the above scans, the emissions were maximized by cable manipulation.

TEST MODE:

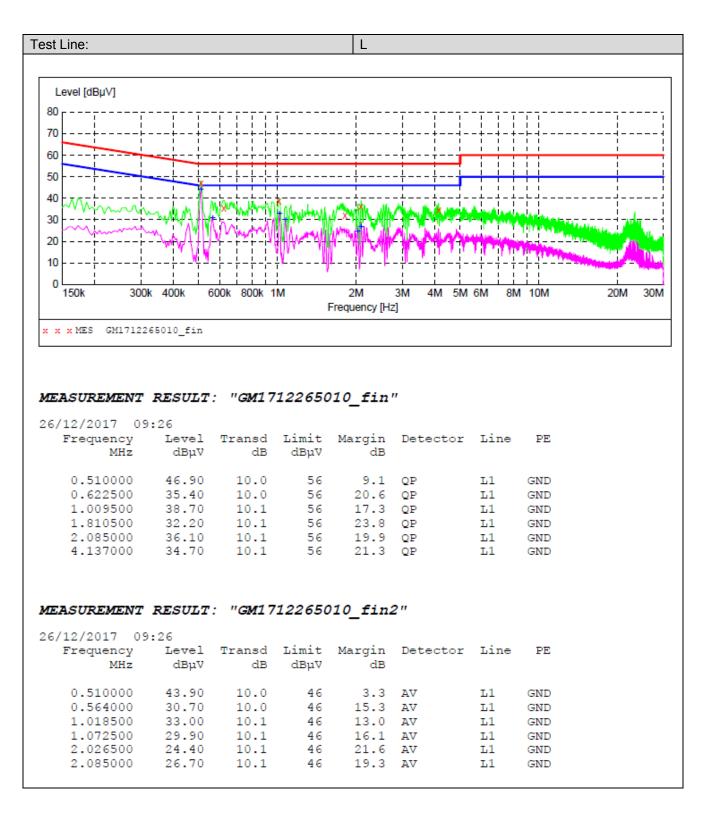
Please refer to the clause 3.3

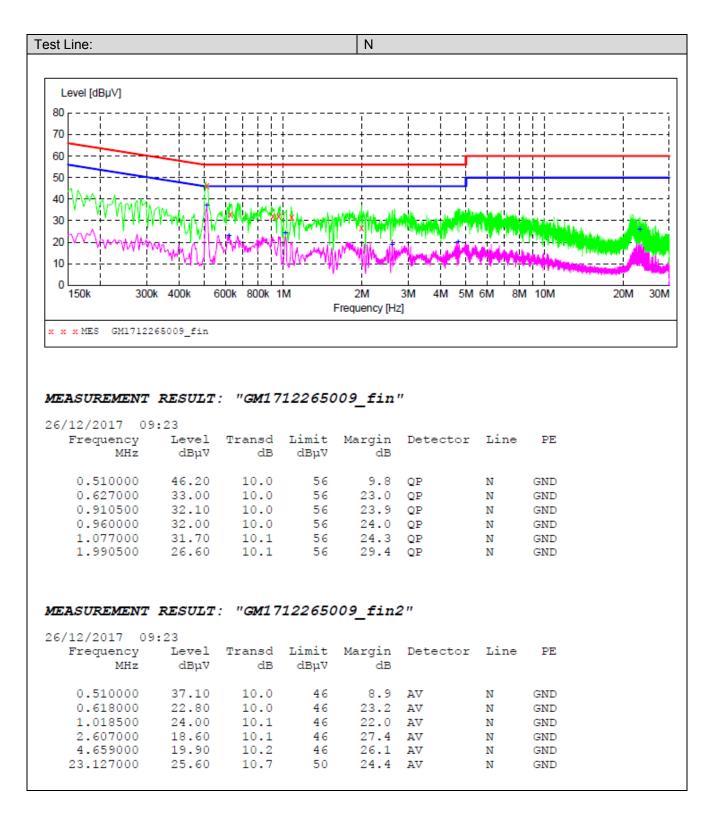
TEST RESULTS

☑ Passed □ Not Applicable

Note:

- 1) Transd=Cable lose+ Pulse Limiter Factor + Artificial Mains Factor
- 2) Margin= Limit -Level

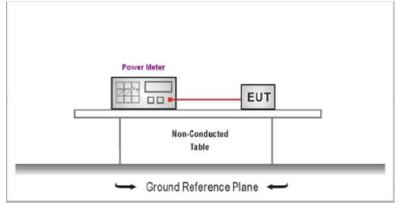




5.3. Conducted Peak Output Power LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(3): 30dBm

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was tested according to ANSI C63.10: 2013 and KDB 558074 D01 for compliance to FCC 47 CFR 15.247 requirements.
- 2. The maximum peak conducted output power may be measured using a broadband peak RF power meter.
- 3. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector
- 4. Record the measurement data.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

⊠ Passed □

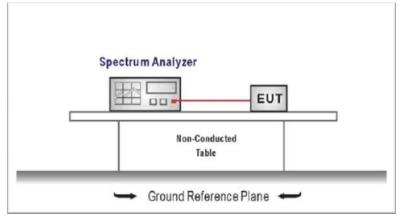
Not Applicable

Туре	Channel	Output power (dBm)	Limit (dBm)	Result
	01	17.50		Pass
802.11b	06	17.49	≤30.00	
	11	17.20		
802.11g	01	15.52	≤30.00	Pass
	06	14.94		
	11	14.74		
	01	14.12	≤30.00	Pass
802.11n(HT20)	06	14.00		
	11	13.66		
	03	14.40	≤30.00	Pass
802.11n(HT40)	06	14.09		
	09	13.92		

5.4. Power Spectral Density LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (e):For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input,
- Configure the spectrum analyzer as shown below: Center frequency=DTS channel center frequency Span =1.5 times the DTS bandwidth RBW = 3 kHz ≤ RBW ≤ 100 kHz, VBW ≥ 3 × RBW Sweep time = auto couple Detector = peak Trace mode = max hold
- 3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter wave form on the spectrum analyzer.
- 4. Use the peak marker function to determine the maximum amplitude level within the RBW.
- 5. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST MODE:

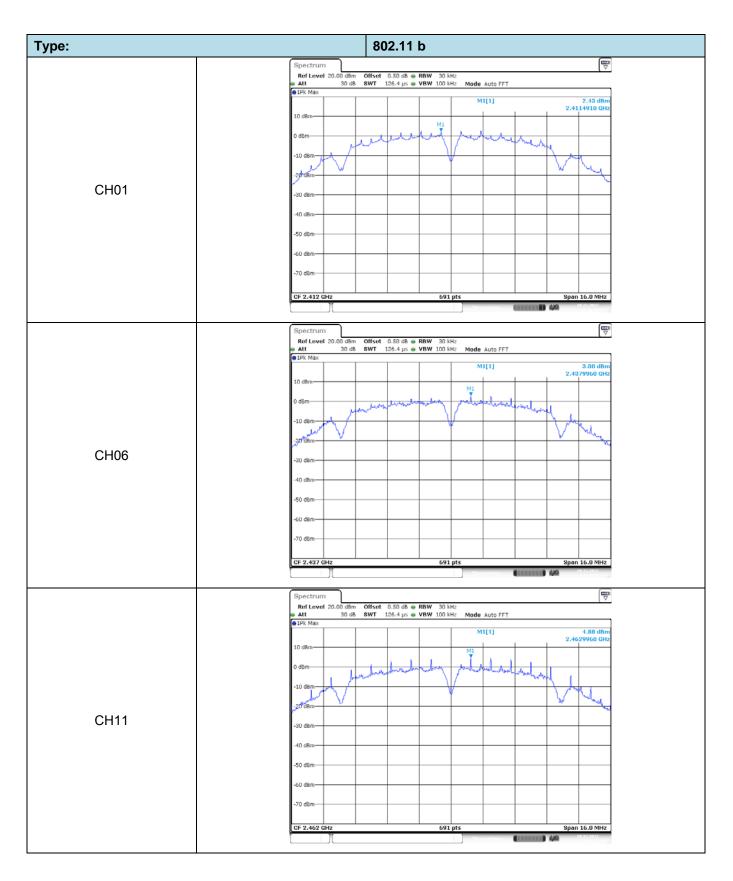
Please refer to the clause 3.3

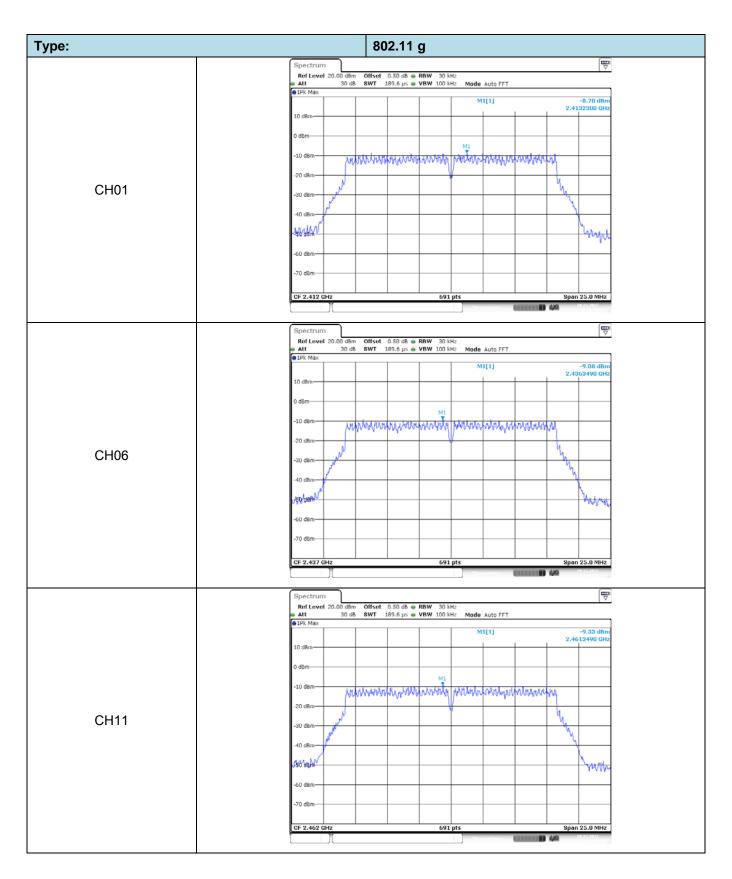
TEST RESULTS

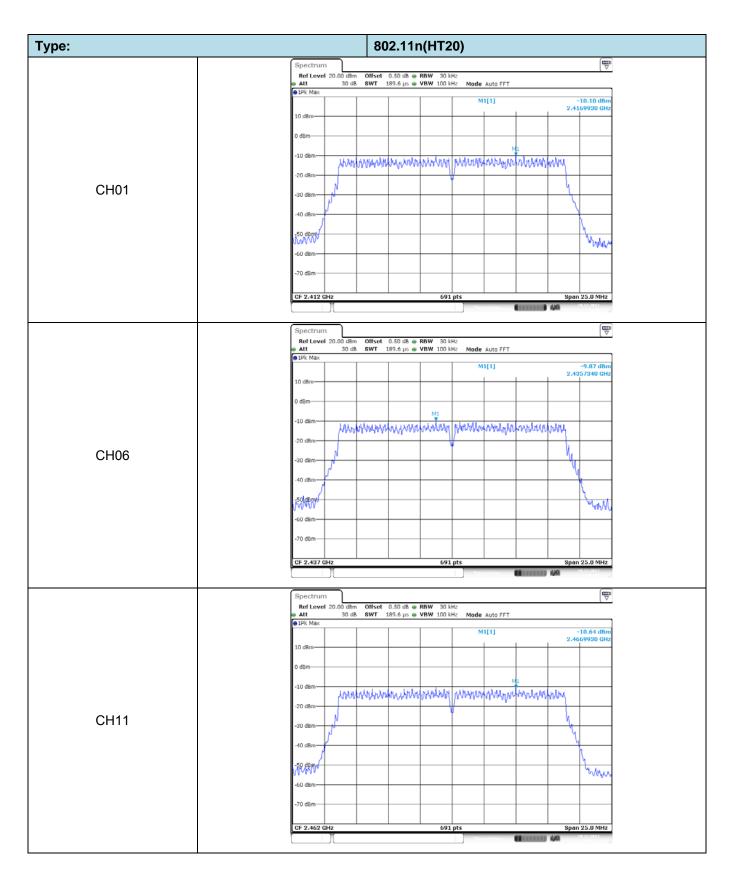
☑ Passed □ Not Applicable

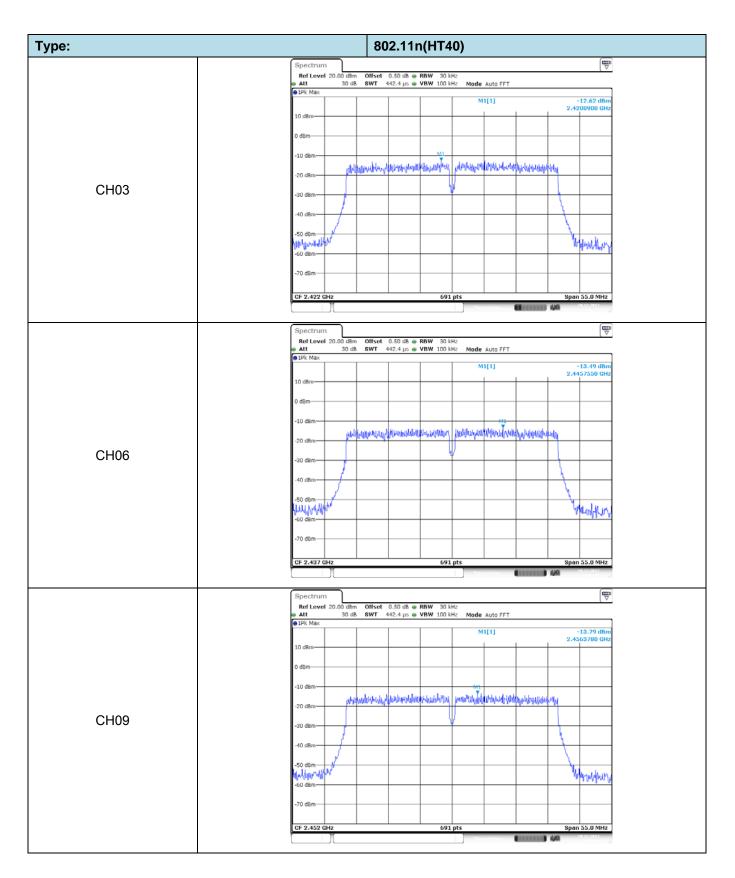
Туре	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
	01	2.43		
802.11b	06	3.00	≤8.00	Pass
	11	4.88		
	01	-8.70		
802.11g	06	-9.08	≤8.00	Pass
	11	-9.33		
	01	-10.10		Pass
802.11n(HT20)	06	-9.87	≤8.00	
	11	-10.64		
	03	-12.62		
802.11n(HT40)	06	-13.49	≤8.00	Pass
	09	-13.79		

Test plot as follows:









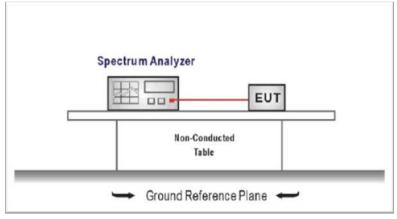
5.5. 6dB bandwidth

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2):

For digital modulation systems, the minimum 6 dB bandwidth shall be at least 500 kHz.

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- 2. Configure the spectrum analyzer as shown below (enter all losses between the transmitter output and the spectrum analyzer).

Center Frequency =DTS channel center frequency Span=2 x DTS bandwidth RBW = 100 kHz, VBW \ge 3 × RBW Sweep time= auto couple Detector = Peak Trace mode = max hold

- 3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter wave form on the spectrum analyzer.
- 4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission, and record the pertinent measurements.

TEST MODE:

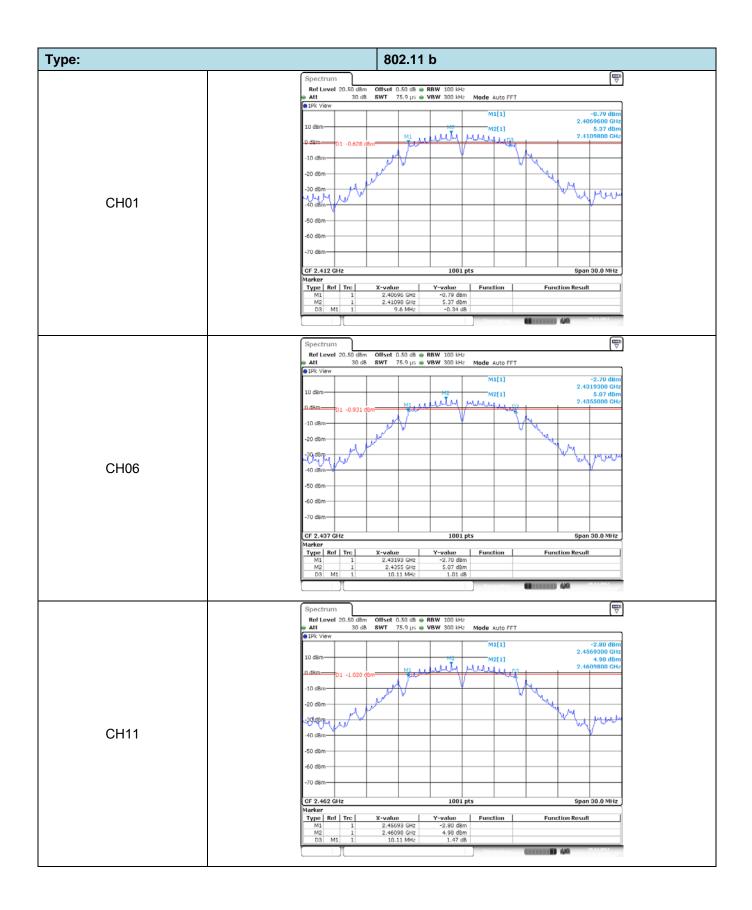
Please refer to the clause 3.3

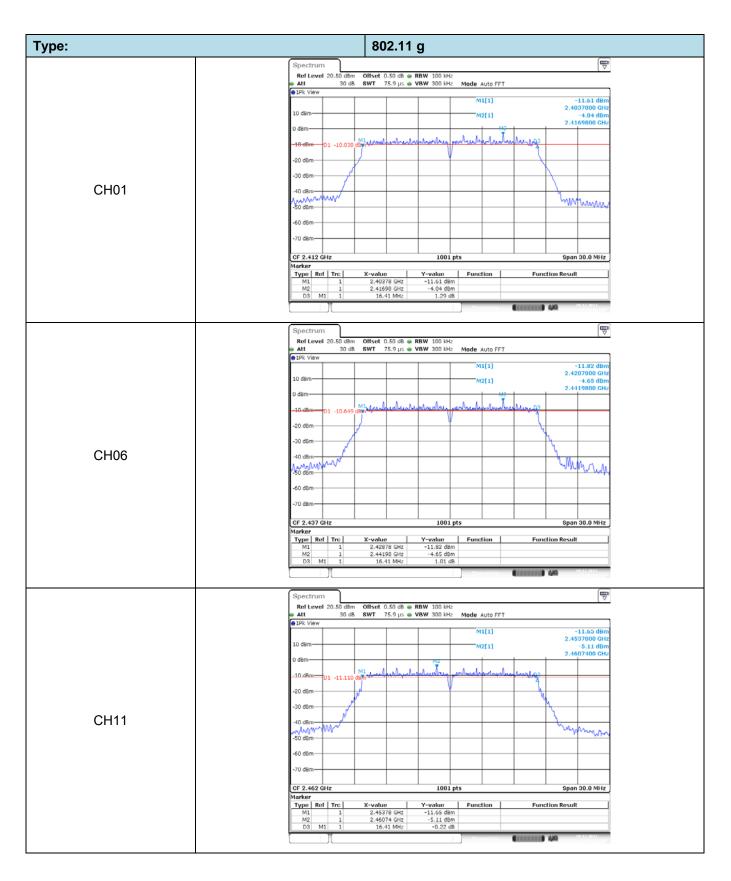
TEST RESULTS

☑ Passed □ Not Applicable

Туре	Channel	6dB Bandwidth (MHz)	Limit (kHz)	Result
	01	9.60		Pass
802.11b	06	10.11	≥500	
	11	10.11		
	01	16.41	≥500	Pass
802.11g	06	16.41		
	11	16.41		
	01	17.79	≥500	Pass
802.11n(HT20)	06	17.67		
	11	17.64		
	03	36.06		
802.11n(HT40)	06	35.58	≥500	Pass
	09	35.82		

Test plot as follows:





Type: 802.11n(HT20) Ū Spectrum
 Ref Level
 20.50 dBm
 Offset
 0.50 dB
 RBW
 100 kHz

 Att
 30 dB
 SWT
 75.9 µs
 VBW
 300 kHz
 Mode
 Auto FFT
●1Pk View -13.44 dBn 2.4031200 GH -7.37 dBn 2.4169800 GH M1[1] 10 d8m 42[1] 0 dBm M2 -10 dBm 01 -13.3 20 dBm 30 dBm CH01 40 d8 student when -60 dBm 70 dBm CF 2.412 GHz 1001 pts Span 30.0 MHz arke Type Ref Trc Y-value -13.44 dBm -7.37 dBm -0.48 dB Function X-value 2.40312 GHz 2.41698 GHz 17.79 MHz Function Result M2 D3 M1 ₽ Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB ● RBW 100 kHz SWT 75.9 µs ● VBW 300 kHz Mode Auto FFT • 1Pk View M1[1] -12.87 dBr 2.4281500 GH 10 dBm -5.54 dBr 2.4419800 GH M2[1]) dBm Ĭ. Å. ٨. ٨ ٨ 10 dBm-01 -11.5 20 d8m-30 dBm CH06 40 d8 so dé Ârv -60 dBm 70 dBr Span 30.0 MHz CF 2.437 GHz 1001 pts Marker Type Ref Trc Y-value -12.87 dBm -5.54 dBm 0.40 dB X-value 2.42815 GHz 2.44198 GHz 17.67 MHz Function Function Result M2 D3 M1 ₽ Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB ● RBW 100 kHz SWT 75.9 µs ● VBW 300 kHz Mode Auto FFT • 1Pk View -12.53 dBn 2.4531000 GH: -5.92 dBn 2.4607100 GH: M1[1] 10 de M2[1] 0 dB 10 dBr 01 -11.91 20 dBm 30 dBm CH11 40 d w to self ment Mary 60 dBm 70 dBr 1001 pts CF 2.462 GHz Span 30.0 MHz Type Ref Trc Y-value -12.53 dBm -5.92 dBm -0.45 dB X-value 2.45318 GHz 2.46071 GHz 17.64 MHz Function Function Result M2 D3 M1

Type: 802.11n(HT40) Ē Spectrum Ref Level 20.50 de Att 30 0 dBm Offset 0.50 dB ⊕ RBW 100 kHz 30 dB SWT 132.7 μs ⊕ VBW 300 kHz Mode Auto FFT 1Pk View -14.09 dBn 2.4041200 GH: -7.95 dBn 2.4194800 GH: M1[1] 10 d8m 42[1] 0 dBm M2 -10 dBr 01 -13.9 20 dBm 30 dBm CH03 40 d8 had for the state of the state MANNAM -60 d8m 70 dBm CF 2.422 GHz 1001 pts Span 60.0 MHz arke Type Ref Trc Y-value -14.09 dBm -7.95 dBm 0.04 dB Function X-value 2.40412 GHz 2.41948 GHz 36.06 MHz Function Result M2 D3 M1 (....) 4/A ₩ Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB ● RBW 100 kHz SWT 132.7 µs ● VBW 300 kHz Mode Auto FFT ●1Pk View -14.45 dBn 2.4192400 GH: -8.32 dBn 2.4419800 GH: M1[1] 10 dBm M2[1]) dBm M2 10 dBm and when فالعاديل العاد medul harek 2 01 -14.3 20 d8m 30 dBm CH06 40 dB Homewood holdowelly have -60 dBm 70 dBr Span 60.0 MHz CF 2.437 GHz 1001 pts Marker Type Ref Trc M1 1 Y-value -14.45 dBm -8.32 dBm -0.48 dB X-value 2.41924 GHz 2.44198 GHz 35.58 MHz Function Function Result M2 D3 M1 4/4 ₽ Spectrum Ref Level 20.50 dBm Att 30 dB Offset 0.50 dB • RBW 100 kHz SWT 132.7 ps • VBW 300 kHz Mode Auto FFT • 1Pk View -14.46 dBn 2.4341200 GH: -8.36 dBn 2.4494800 GH: M1[1] 10 de M2[1] 0 dB M2 10 dBr الما بالعامات البلع al de la la الرابط D1 -14.3 20 dBm 30 d8m CH09 40 d8 Howwohrdel usdebeller MAN 60 dBm-70 dBr CF 2.452 GHz 1001 pts Span 60.0 MHz Type Ref Trc Y-value -14.46 dBm -0.36 dBm -0.31 dB X-value 2.43412 GHz 2.44948 GHz 35.82 MHz Function Function Result M2 D3 M1 **Manual 449**

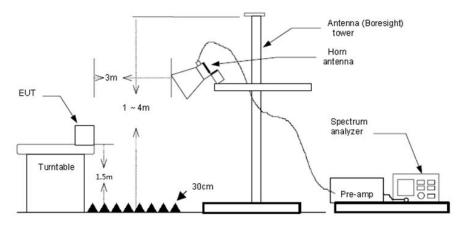
5.6. Restricted band

<u>LIMIT</u>

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, Radiated Emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the Radiated Emissions limits specified in §15.209(a) (see §15.205(c)).

TEST CONFIGURATION



TEST PROCEDURE

- 1) The EUT was setup and tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
- 2) The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3) The EUT waspositioned such that the distance from antenna to the EUT was 3 meters.
- 4) The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find themaximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
- The receiver set as follow: RBW=1MHz, VBW=3MHz PEAK detector for Peak value. RBW=1MHz, VBW=3MHz RMS detector for Average value.

TEST MODE:

Please refer to the clause 3.3

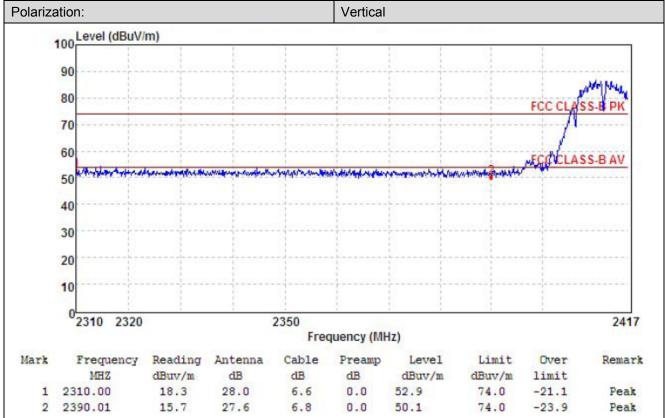
TEST RESULTS

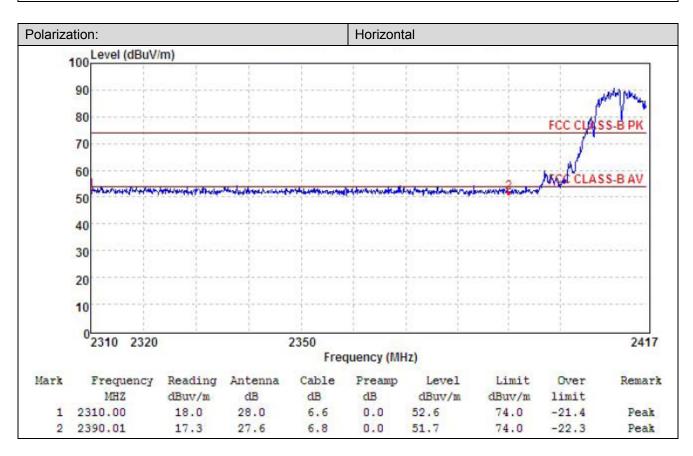
☑ Passed □ Not Applicable

Note:

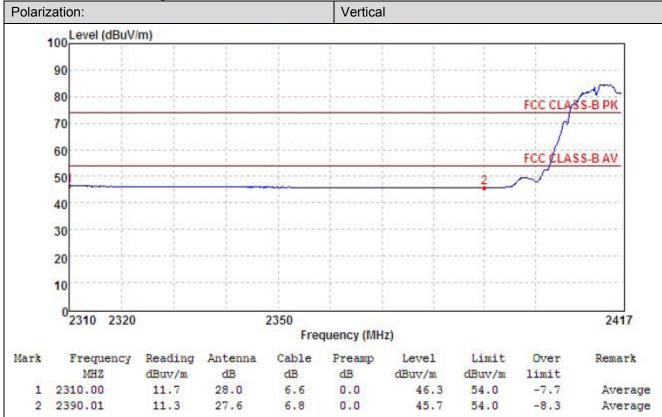
1) Final level= Read level + Antenna Factor+ Cable Loss- Preamp Factor

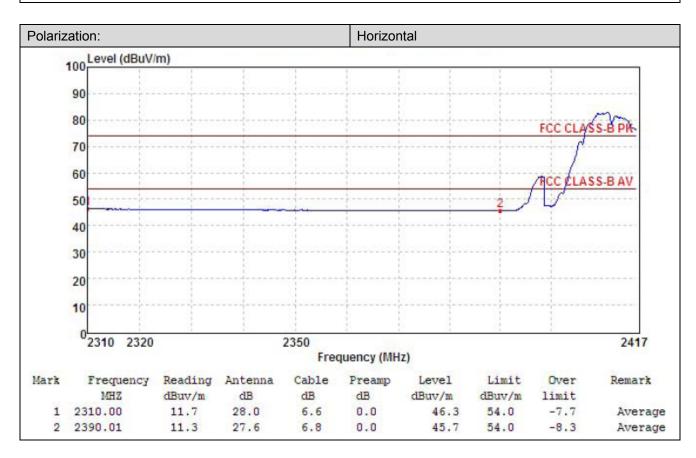


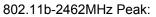


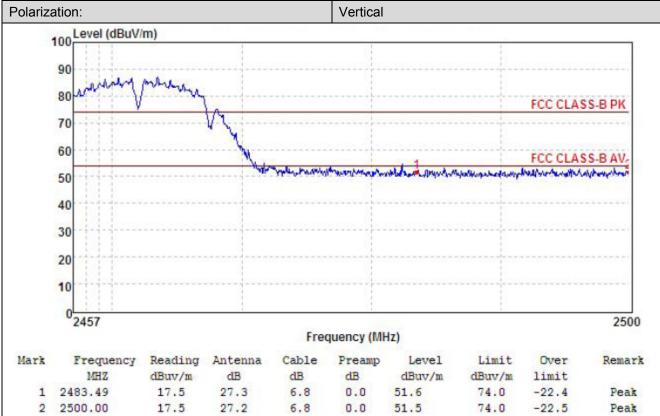


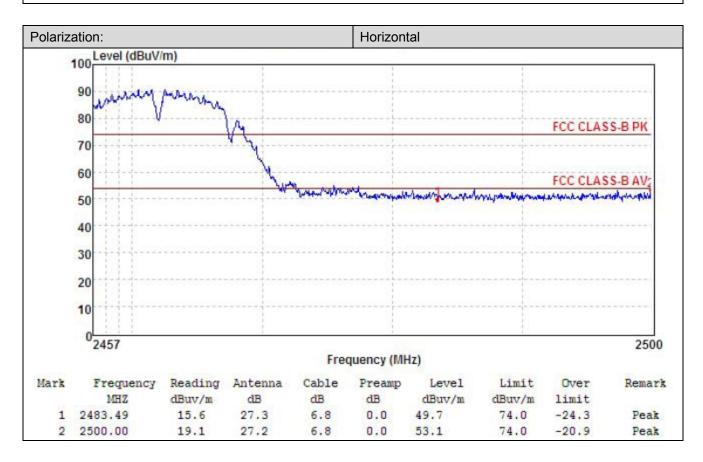




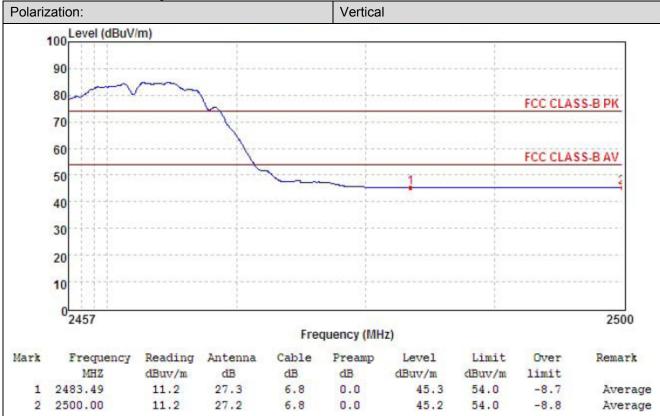


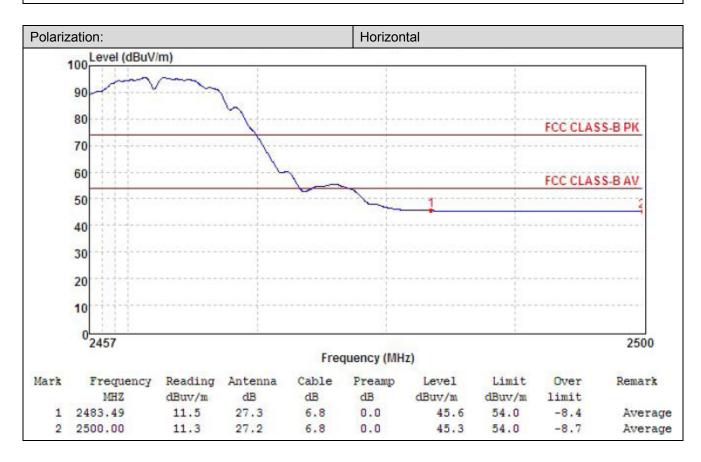




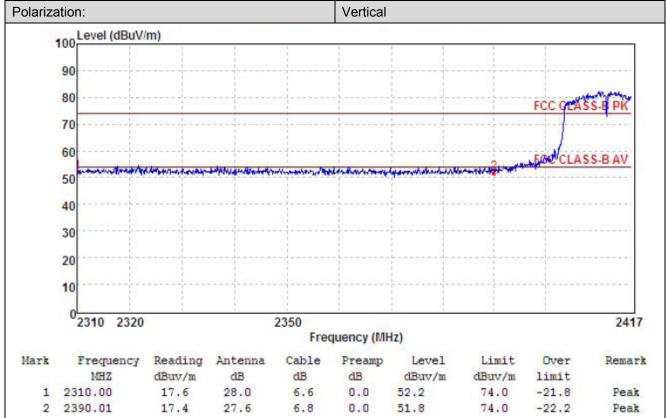


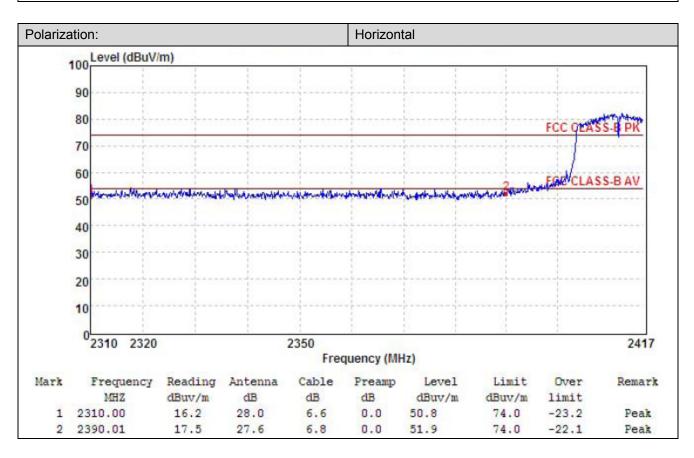
802.11b-2462MHz Average:



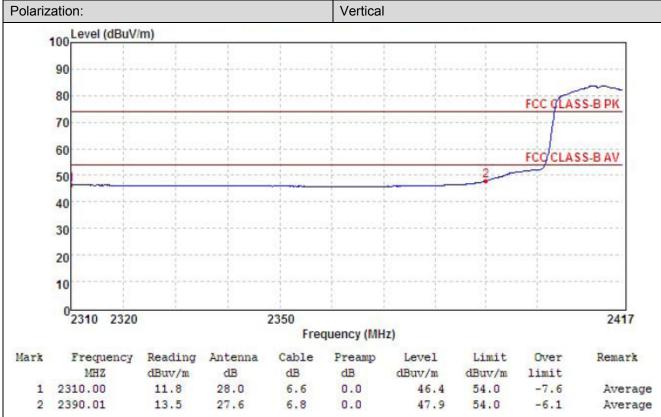


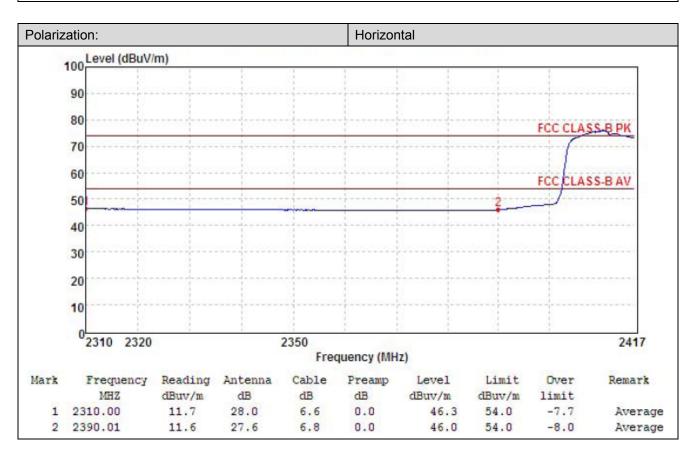


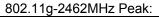


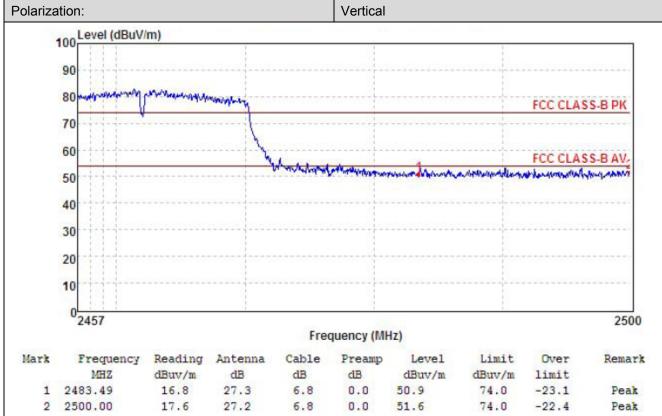


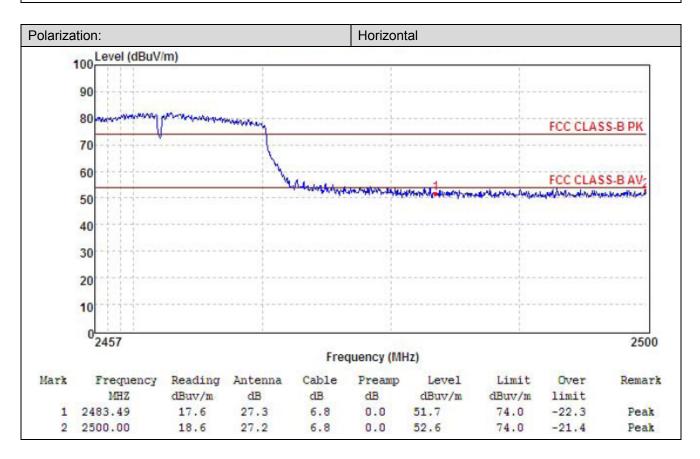












802.11g-2462MHz Average:

