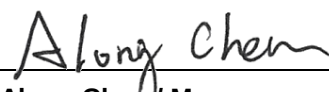


FCC Test Report

FCC ID : IPH-05220
Equipment : Fitness Product
Model No. : A05220
Brand Name : GARMIN
Applicant : Garmin International, Inc.
Address : 1200 E. 151st Street Olathe, KS 66062 United States
Standard : 47 CFR FCC Part 15.247
Received Date : Jun. 09, 2026
Tested Date : Jul. 07 ~ Jul. 24, 2026

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:


Along Chen / Manager

Approved by:

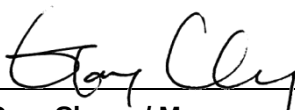

Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
FR660904AC	Rev. 01	Initial issue	Aug. 31, 2026

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emission	[dBuV]: 0.476MHz 45.93 (Margin -10.48dB) - QP	Pass
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 2483.50MHz 53.16 (Margin -0.84dB) - AV	Pass
15.247(b)(3)	Conducted Output Power	Max Power [dBm]: 20.53	Pass
15.247(a)(2)	6dB Bandwidth	Meet the requirement of limit	Pass
15.247(e)	Power Spectral Density	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N _{TX})	Data Rate / MCS
2400-2483.5	b	2412-2462	1-11 [11]	1	1-11 Mbps
2400-2483.5	g	2412-2462	1-11 [11]	1	6-54 Mbps
2400-2483.5	n (HT20)	2412-2462	1-11 [11]	1	MCS 0-7
Note 1: RF output power specifies that Maximum Peak Conducted Output Power. Note 2: DSSS-DBPSK, DQPSK, CCK modulation OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.					

1.1.2 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Gain (dBi)
1	Garmin	700-00251-00	Inverted-F	No	0.72

1.1.3 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	5Vdc from host 3.87 from battery
--------------------------	-------------------------------------

1.1.4 Accessories

Accessories		
No.	Equipment	Description
1	Battery	Brand: Garmin Model: 361-00201-00 Rating: 3.87Vdc, 1950mAh
2	USB cable	Brand: GARMIN Model: 320-01642-00 0.55m shielded without core.

1.1.5 Channel List

Channel	Frequency(MHz)
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462

1.1.6 Test Tool and Duty Cycle

Test Tool	wifi RF Test menu, Version: 60.35		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11b	100.00%	0.00
	11g	100.00%	0.00
	HT20	100.00%	0.00

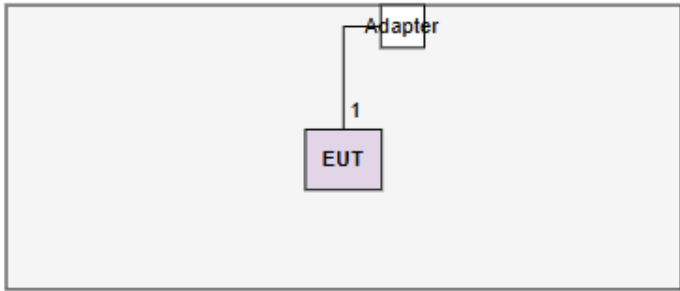
1.1.7 Power Index of Test Tool

Modulation Mode	Test Frequency (MHz)	Power Index
11b	2412	default
11b	2437	default
11b	2452	default
11b	2457	default
11b	2462	default
11g	2412	default
11g	2417	default
11g	2437	default
11g	2442	default
11g	2447	default
11g	2452	default
11g	2457	default
11g	2462	default
HT20	2412	default
HT20	2417	default
HT20	2437	default
HT20	2452	default
HT20	2457	default
HT20	2462	default

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Power adapter	Samsung	EP-TA800	---	---

1.3 Test Setup Chart

Test Setup Diagram	
 <pre> graph TD Adapter[Adapter] --- 1[1] --- EUT[EUT] </pre>	
No.	Signal cable / Length (m)
1	USB, 0.55m shielded.

1.4 The Equipment List

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Jul. 24, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 06, 2026	Jun. 05, 2027
Power Meter	Anritsu	ML2495A	1241002	Nov. 21, 2025	Nov. 20, 2026
Power Sensor	Anritsu	MA2411B	1207366	Nov. 21, 2025	Nov. 20, 2026
Attenuator	Pasternack	PE7005-10	10-2	Oct. 03, 2025	Oct. 02, 2026
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Jul. 08 ~ Jul. 23, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Apr. 02, 2026	Apr. 01, 2027
Spectrum Analyzer	R&S	FSV40	101498	Nov. 06, 2025	Nov. 05, 2026
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 17, 2025	Nov. 16, 2026
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Sep. 05, 2025	Sep. 04, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 19, 2025	Dec. 18, 2026
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 28, 2025	Nov. 27, 2026
Preamplifier	EMC	EMC02325	980225	Jun. 03, 2026	Jun. 02, 2027
Preamplifier	EMC	EMC118A45SE	980898	Jul. 01, 2026	Jun. 30, 2027
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 01, 2025	Sep. 30, 2026
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 01, 2025	Sep. 30, 2026
LF cable 11M	EMC	EMCCFD400-NW-N W-11000	200801	Oct. 01, 2025	Sep. 30, 2026
LF cable 1M	EMC	EMCCFD400-NM-N M-1000	160502	Oct. 01, 2025	Sep. 30, 2026
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 01, 2025	Sep. 30, 2026
RF Cable	EMC	EMC104-35M-35M-3000	210922	Oct. 01, 2025	Sep. 30, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 01, 2025	Sep. 30, 2026
Attenuator	Pasternack	PE7005-10	10-1	Oct. 01, 2025	Sep. 30, 2026
HIGHPASS FILTER 3.1-18G	WHK	WHK3.1/18G-10SS	39	Oct. 01, 2025	Sep. 30, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Jul. 07, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101659	Apr. 29, 2026	Apr. 28, 2027
LISN	R&S	ENV216	101579	May 18, 2026	May 17, 2027
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Apr. 12, 2026	Apr. 11, 2027
RF Cable-CON	EMC	EMCCFD300-BM-B M-6000	50821	Oct. 07, 2025	Oct. 06, 2026
50 ohm terminal	NA	50	03	Jul. 30, 2025	Jul. 29, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.247

ANSI C63.10-2020 + Cor.1-2023

ANSI C63.4-2014 + C63.4a-2017

1.6 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	± 34.130 Hz
Conducted power	± 0.808 dB
Power density	± 0.583 dB
Conducted emission	± 2.715 dB
AC conducted emission	± 2.92 dB
Unwanted Emission ≤ 1 GHz	± 3.41 dB
Unwanted Emission > 1 GHz	± 4.59 dB

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, 03CH01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
AC Power Line Conducted Emission	11g	2437	6 Mbps	---
Unwanted Emissions $\leq$ 1GHz	11g	2437	6 Mbps	---
Conducted Output Power	11b	2412 / 2437 / 2452 2457 / 2462	1 Mbps	---
	11g	2412 / 2417 / 2437 2442 / 2447 / 2452 2457 / 2462	6 Mbps	---
	HT20	2412 / 2417 / 2437 2452 / 2457 / 2462	MCS 0	---
Unwanted Emissions $>$ 1GHz	11b	2412 / 2437 / 2462	1 Mbps	---
6dB bandwidth	11g	2412 / 2437 / 2462	6 Mbps	
Power spectral density	HT20	2412 / 2437 / 2462	MCS 0	

NOTE:

- The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** result was found as the worst case and was shown in this report.
- Comparing charging mode with the laptop and the power adapter, pretest test results of charging with the power adapter were the worst. Therefore, this mode was selected for final test.

3 Transmitter Test Results

3.1 6dB and Occupied Bandwidth

3.1.1 Limit of 6dB Bandwidth

The minimum 6dB bandwidth shall be at least 500 kHz.

3.1.2 Test Procedures

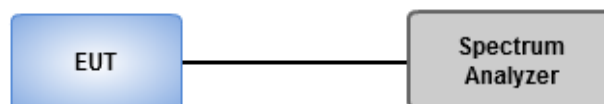
6dB Bandwidth

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Peak, Trace mode = max hold.
3. Sweep = No faster than coupled (auto) time, Allow the trace to stabilize.
4. Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value

Occupied Bandwidth

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Sample, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Use the OBW measurement function of spectrum analyzer to measure the occupied bandwidth.

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	24°C / 66%	Tested By	Roger Lu
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Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

Conducted power shall not exceed 1Watt.

Antenna gain $\leq 6\text{dBi}$, no any corresponding reduction is in output power limit.

Antenna gain $> 6\text{dBi}$

Non Fixed, point to point operations.

The conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dB

Fixed, point to point operations

Systems operating in the 2400–2483.5 MHz band that are used exclusively for fixed, point-to-point Operations, maximum peak 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.

3.2.2 Test Procedures

A broadband RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power.

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	24°C / 66%	Tested By	Roger Lu
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Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

Power spectral density shall not be greater than 8 dBm in any 3 kHz band.

3.3.2 Test Procedures

Peak PSD

1. Set the RBW = 3 kHz, VBW = 10 kHz.
2. Detector = Peak, Sweep time = auto couple.
3. Trace mode = max hold, allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

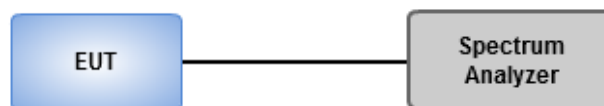
Average PSD, duty cycle $\geq 98\%$

1. Set the RBW = 3 kHz, VBW = 10 kHz.
2. Detector = RMS, Sweep time = auto couple.
3. Sweep time = auto couple.
4. Employ trace averaging (RMS) mode over a minimum of 100 traces.
5. Use the peak marker function to determine the maximum amplitude level.

Average PSD, duty cycle $< 98\%$

1. Set the RBW = 3 kHz, VBW = 10 kHz
2. Detector = RMS, Sweep time = auto couple.
3. Sweep time = auto couple.
4. Employ trace averaging (RMS) mode over a minimum of 100 traces.
5. Use the peak marker function to determine the maximum amplitude level.
6. Add $10 \log (1/x)$, where x is the duty cycle.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	24°C / 66%	Tested By	Roger Lu
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Refer to Appendix C.

3.4 Unwanted Emissions into Restricted Frequency Bands

3.4.1 Limit of Unwanted Emissions into Restricted Frequency Bands

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1:
Quasi-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

3.4.2 Test Procedures

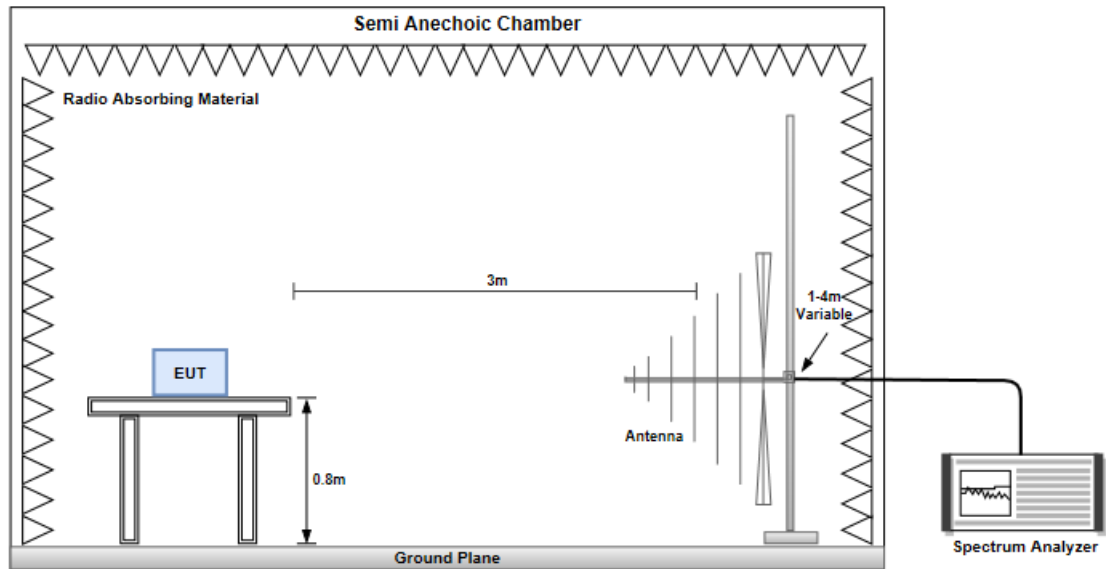
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

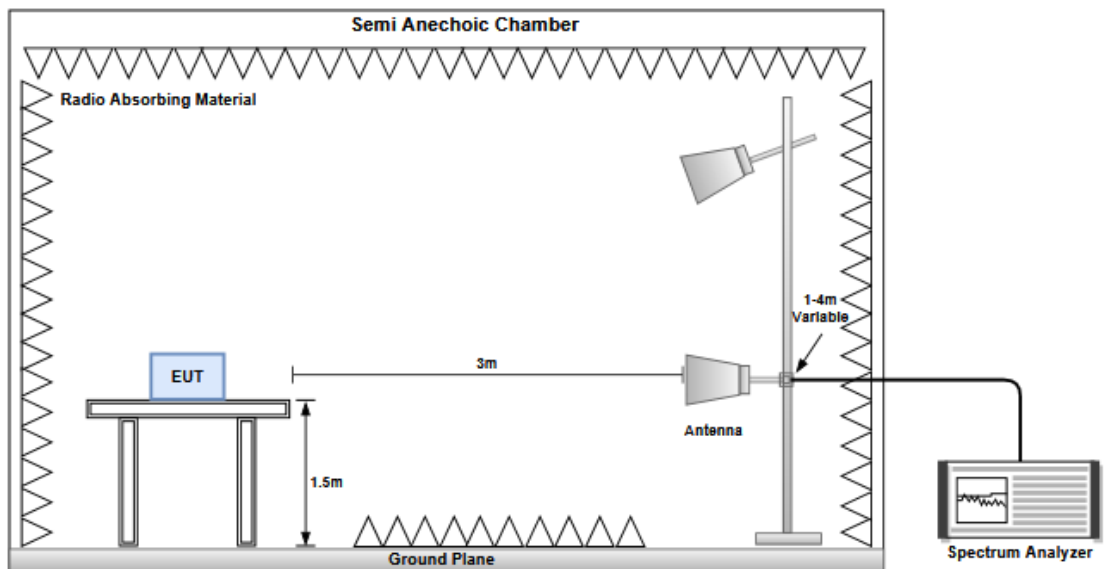
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix D.

3.5 Emissions in Non-Restricted Frequency Bands

3.5.1 Emissions in Non-Restricted Frequency Bands Limit

Peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.5.2 Test Procedures

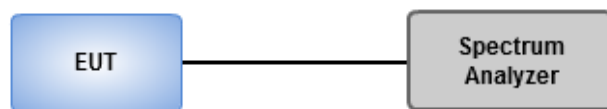
Reference level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Use the peak marker function to determine the maximum PSD level

Emission level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Scan Frequency range is up to 25GHz
4. Use the peak marker function to determine the maximum amplitude level

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	24°C / 66%	Tested By	Roger Lu
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Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

3.6.1 Limit of AC Power Line Conducted Emissions

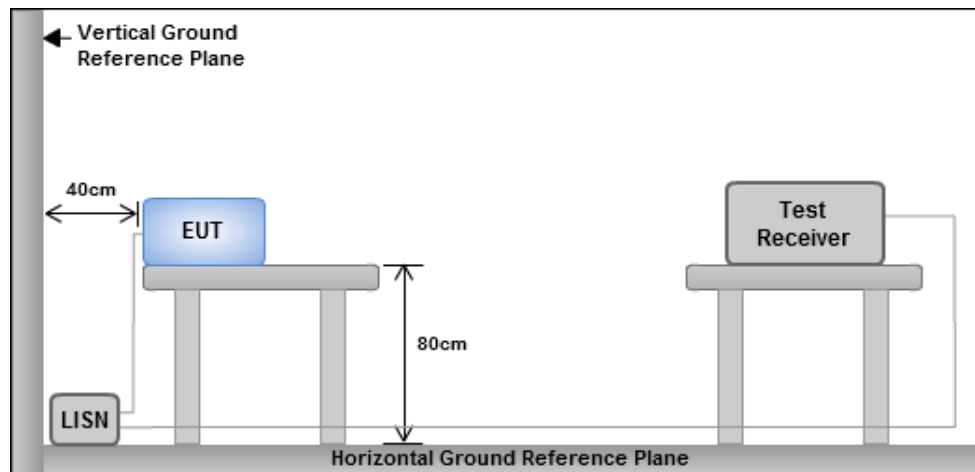
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

3.6.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V / 60Hz.

3.6.3 Test Setup



- Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.6.4 Test Results

Refer to Appendix F.

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <https://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou
District, New Taipei City, Taiwan
(R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

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St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)
No.2-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Zhonghe

Tel: 886-2-2222-0288

1F, No. 6, Jiankang Road, Zhonghe
District, New Taipei City 235045,
Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10.065M	15.729M	15M7G1D	9.35M	15.053M
802.11g_Nss1,(6Mbps)_1TX	16.61M	21.696M	21M7D1D	16.445M	17.207M
802.11n HT20_Nss1,(MCS0)_1TX	17.6M	20.772M	20M8D1D	17.49M	17.763M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	9.735M	15.363M
2437MHz	Pass	500k	10.065M	15.729M
2462MHz	Pass	500k	9.35M	15.053M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.5M	17.263M
2437MHz	Pass	500k	16.445M	21.696M
2462MHz	Pass	500k	16.61M	17.207M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.6M	17.899M
2437MHz	Pass	500k	17.49M	20.772M
2462MHz	Pass	500k	17.545M	17.763M

Port X-N dB = Port X 6dB down bandwidth;

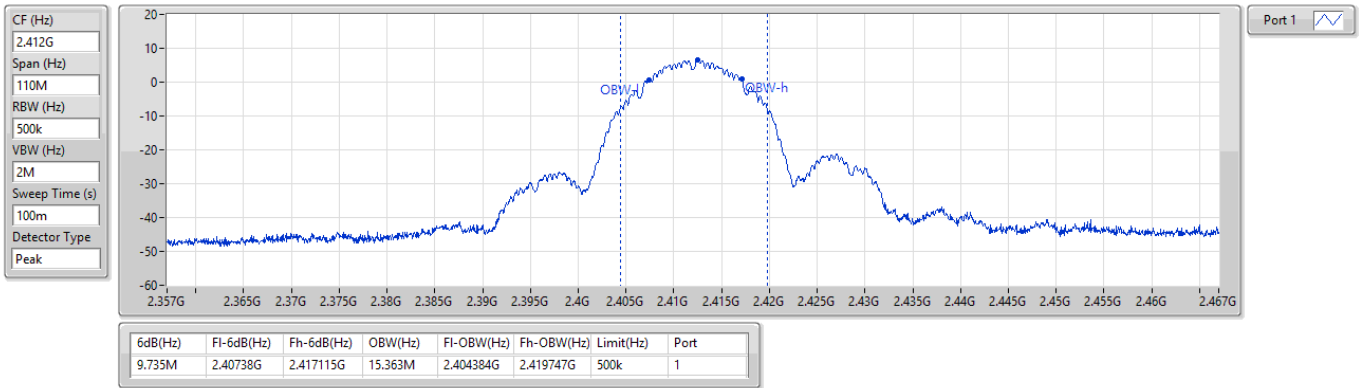
Port X-OBW = Port X 99% occupied bandwidth



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

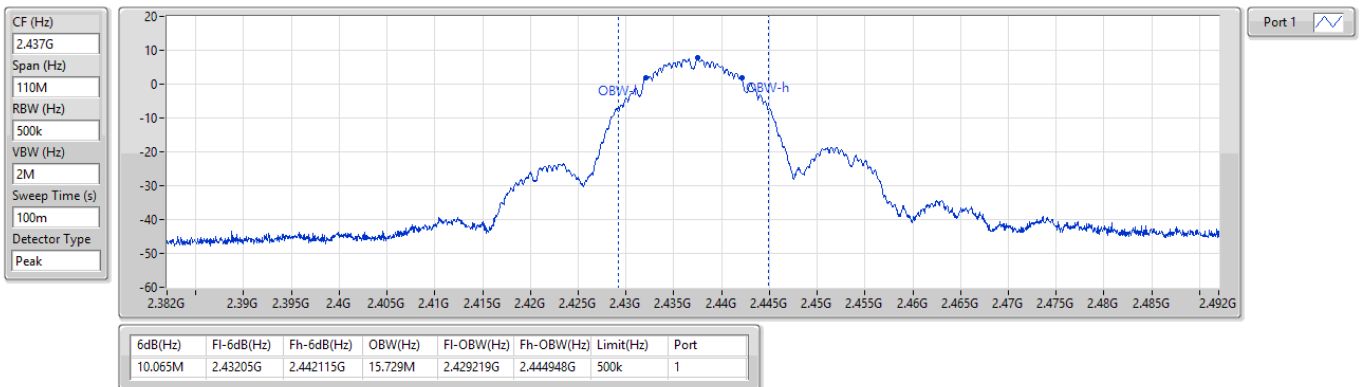
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

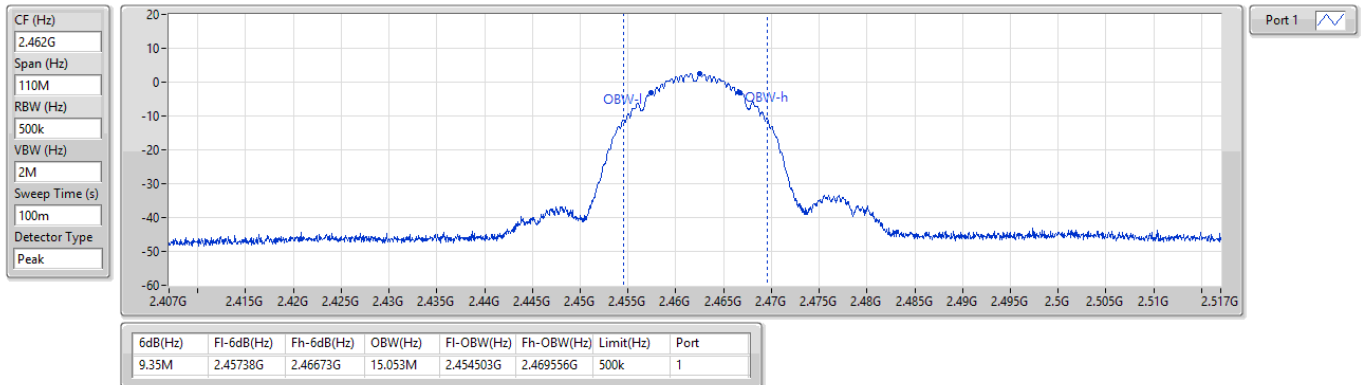




2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

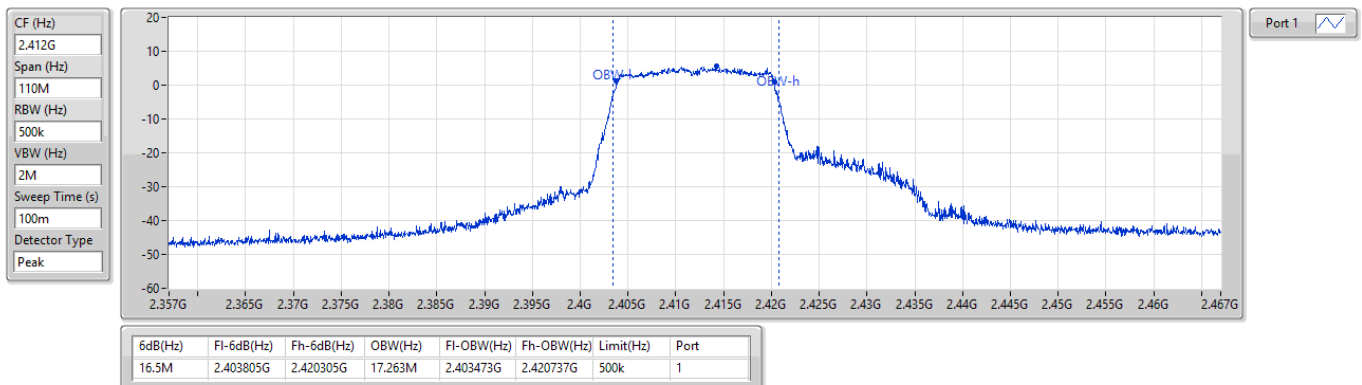
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

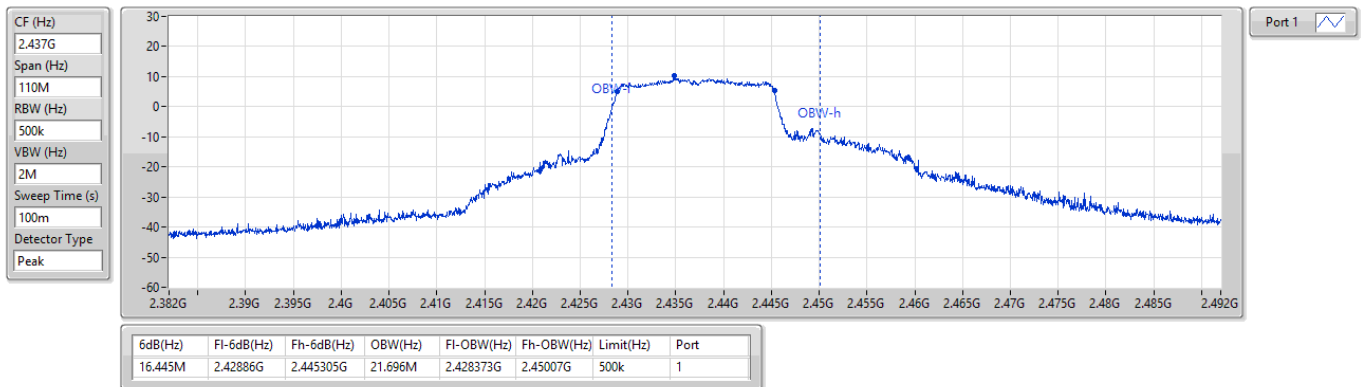




2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

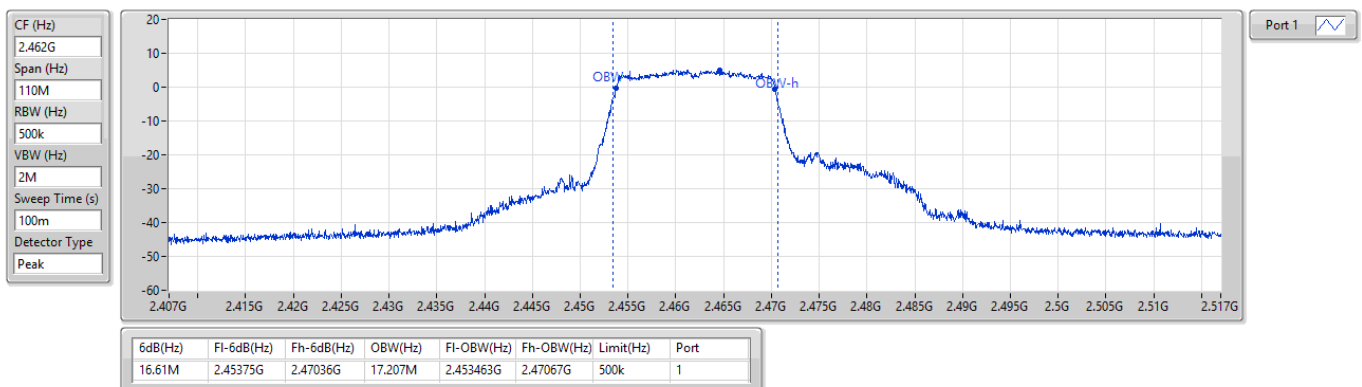
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

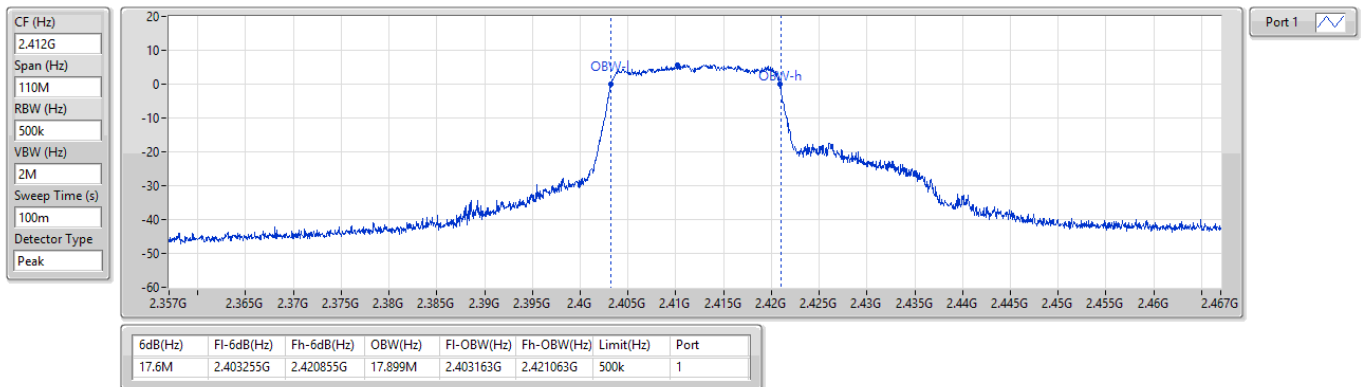




2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

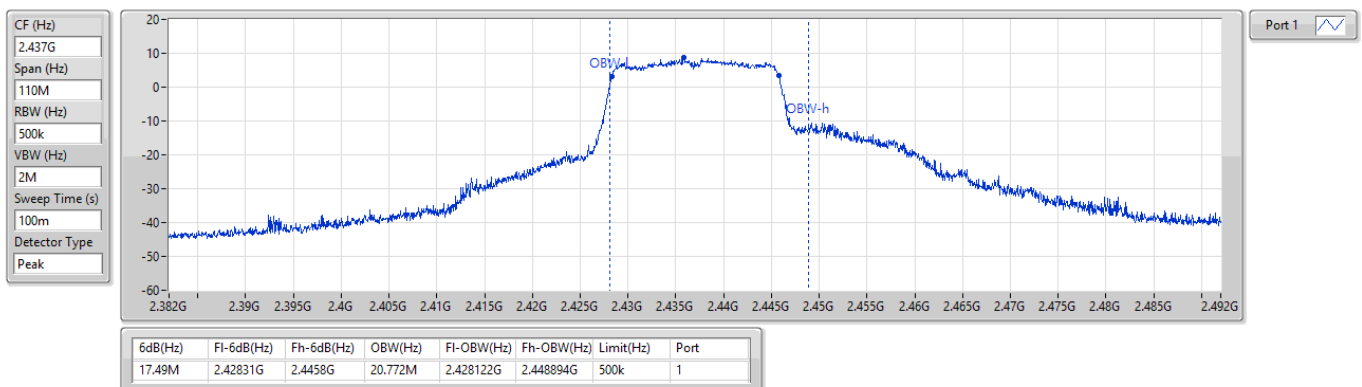
2412MHz



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

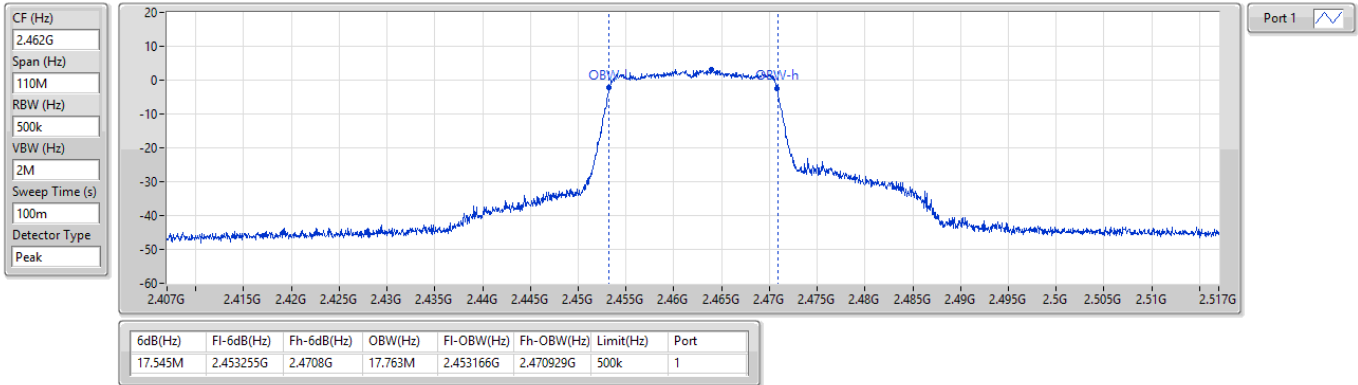




2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

2462MHz



**Conducted Output Power(Peak)****Appendix B****Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	17.56	0.05702
802.11g_Nss1,(6Mbps)_1TX	20.53	0.11298
802.11n HT20_Nss1,(MCS0)_1TX	20.16	0.10375

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	0.72	16.36	16.36	30.00	17.08	36.00
2437MHz	Pass	0.72	17.56	17.56	30.00	18.28	36.00
2452MHz	Pass	0.72	17.18	17.18	30.00	17.90	36.00
2457MHz	Pass	0.72	12.95	12.95	30.00	13.67	36.00
2462MHz	Pass	0.72	12.44	12.44	30.00	13.16	36.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	0.72	17.34	17.34	30.00	18.06	36.00
2417MHz	Pass	0.72	19.65	19.65	30.00	20.37	36.00
2437MHz	Pass	0.72	20.53	20.53	30.00	21.25	36.00
2442MHz	Pass	0.72	20.43	20.43	30.00	21.15	36.00
2447MHz	Pass	0.72	16.63	16.63	30.00	17.35	36.00
2452MHz	Pass	0.72	16.44	16.44	30.00	17.16	36.00
2457MHz	Pass	0.72	16.29	16.29	30.00	17.01	36.00
2462MHz	Pass	0.72	16.63	16.63	30.00	17.35	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	0.72	17.61	17.61	30.00	18.33	36.00
2417MHz	Pass	0.72	19.37	19.37	30.00	20.09	36.00
2437MHz	Pass	0.72	20.16	20.16	30.00	20.88	36.00
2452MHz	Pass	0.72	20.03	20.03	30.00	20.75	36.00
2457MHz	Pass	0.72	19.03	19.03	30.00	19.75	36.00
2462MHz	Pass	0.72	15.46	15.46	30.00	16.18	36.00

DG = Directional Gain; Port X = Port X output power

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	15.65	0.03673
802.11g_Nss1,(6Mbps)_1TX	15.29	0.03381
802.11n HT20_Nss1,(MCS0)_1TX	14.38	0.02742

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	0.72	14.25	14.25	-	14.97	-
2437MHz	Pass	0.72	15.65	15.65	-	16.37	-
2452MHz	Pass	0.72	15.23	15.23	-	15.95	-
2457MHz	Pass	0.72	10.74	10.74	-	11.46	-
2462MHz	Pass	0.72	10.09	10.09	-	10.81	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	0.72	11.26	11.26	-	11.98	-
2417MHz	Pass	0.72	14.32	14.32	-	15.04	-
2437MHz	Pass	0.72	15.29	15.29	-	16.01	-
2442MHz	Pass	0.72	15.15	15.15	-	15.87	-
2447MHz	Pass	0.72	10.54	10.54	-	11.26	-
2452MHz	Pass	0.72	10.26	10.26	-	10.98	-
2457MHz	Pass	0.72	10.34	10.34	-	11.06	-
2462MHz	Pass	0.72	10.46	10.46	-	11.18	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	0.72	11.35	11.35	-	12.07	-
2417MHz	Pass	0.72	13.42	13.42	-	14.14	-
2437MHz	Pass	0.72	14.38	14.38	-	15.10	-
2452MHz	Pass	0.72	14.37	14.37	-	15.09	-
2457MHz	Pass	0.72	13.01	13.01	-	13.73	-
2462MHz	Pass	0.72	8.73	8.73	-	9.45	-

DG = Directional Gain; Port X = Port X output power

Note : Conducted average output power is for reference

**Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	0.55
802.11g_Nss1,(6Mbps)_1TX	-8.76
802.11n HT20_Nss1,(MCS0)_1TX	-10.39

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	0.72	-0.34	-0.34	8.00
2437MHz	Pass	0.72	0.55	0.55	8.00
2462MHz	Pass	0.72	-3.92	-3.92	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	0.72	-12.66	-12.66	8.00
2437MHz	Pass	0.72	-8.76	-8.76	8.00
2462MHz	Pass	0.72	-12.17	-12.17	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	0.72	-13.28	-13.28	8.00
2437MHz	Pass	0.72	-10.39	-10.39	8.00
2462MHz	Pass	0.72	-15.75	-15.75	8.00

DG = Directional Gain; RBW = 3kHz;

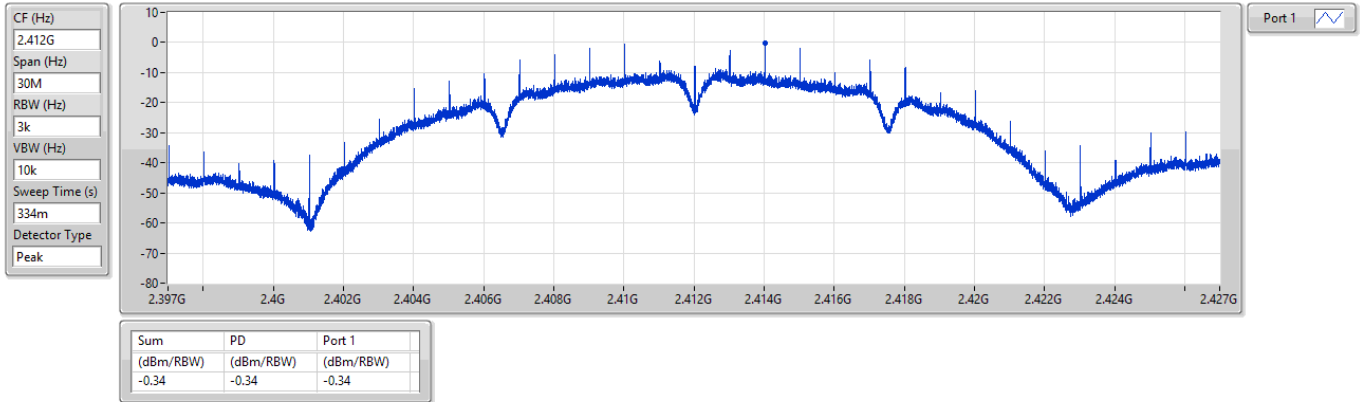
PD = Power density; Port X = Port X Power Density;



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

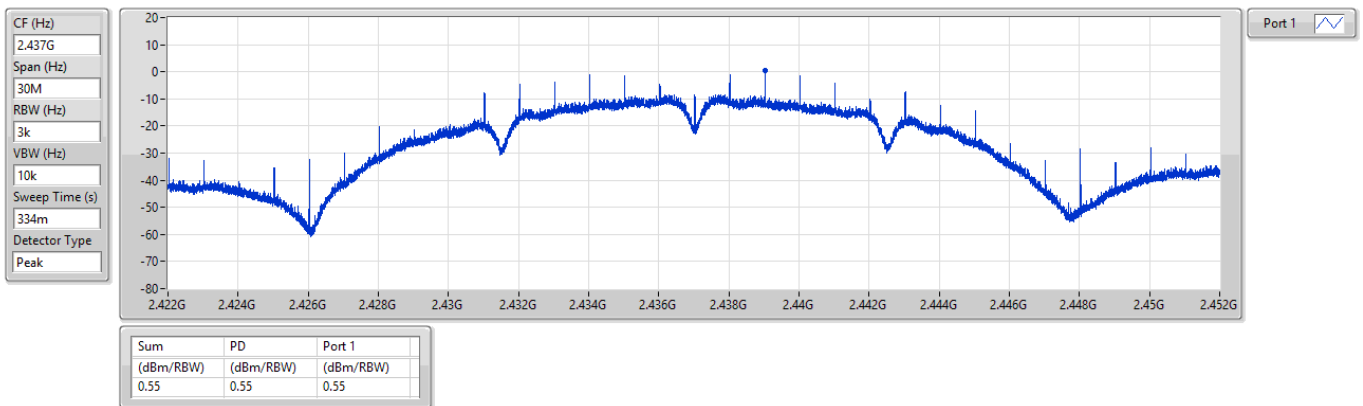
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz



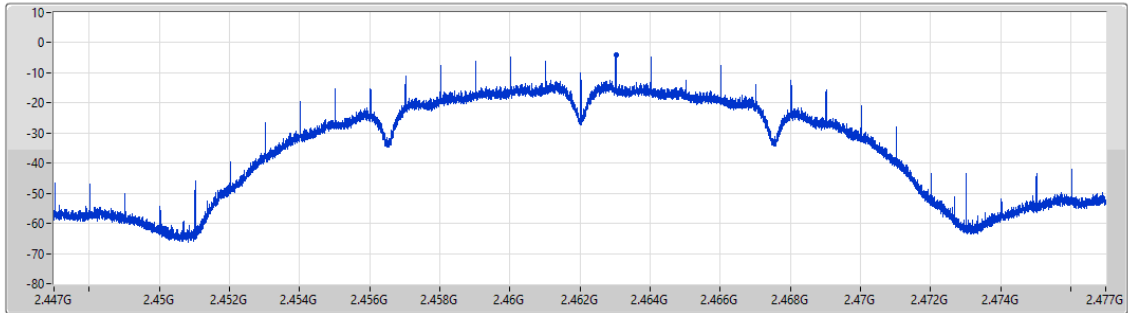


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

CF (Hz)
2.462G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
334m
Detector Type
Peak



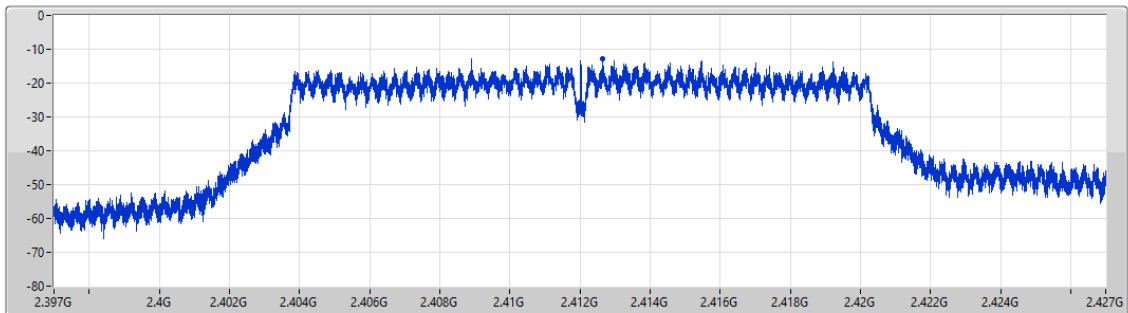
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.92	-3.92	-3.92

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

CF (Hz)
2.412G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
334m
Detector Type
Peak



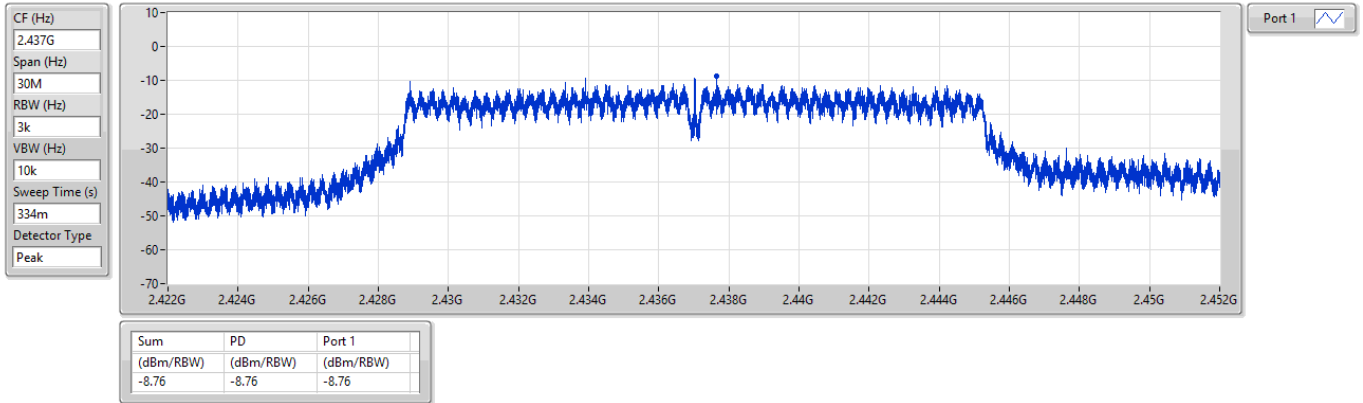
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.66	-12.66	-12.66



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

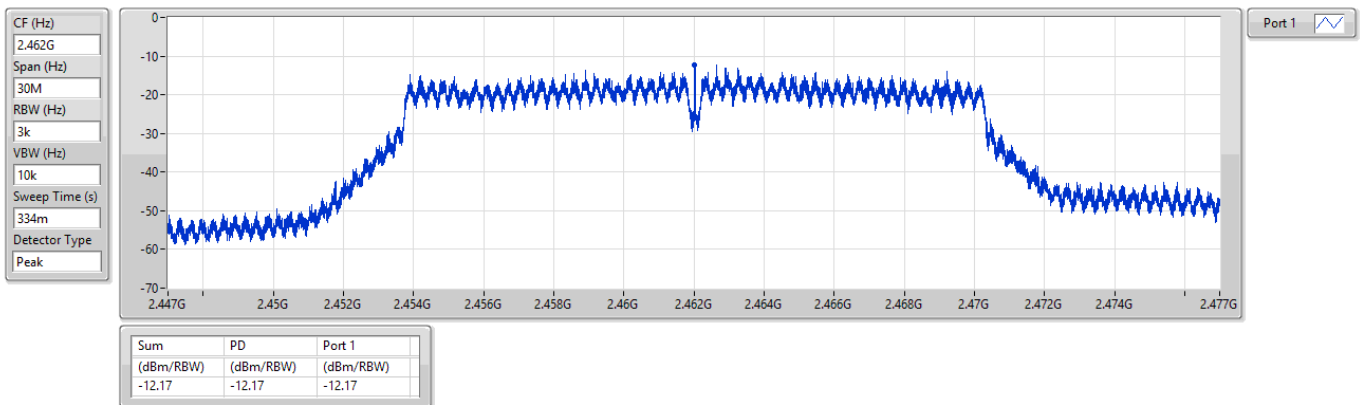
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

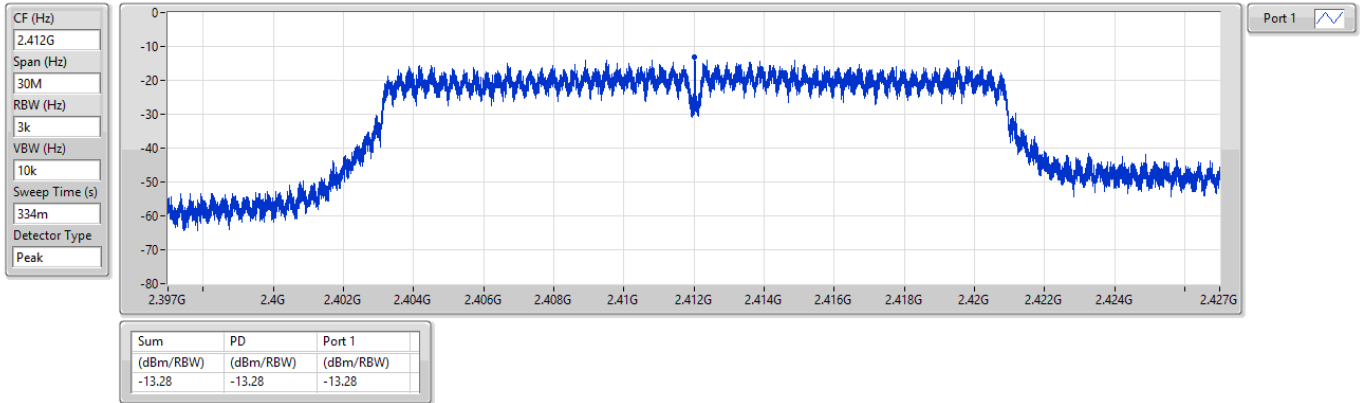




2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

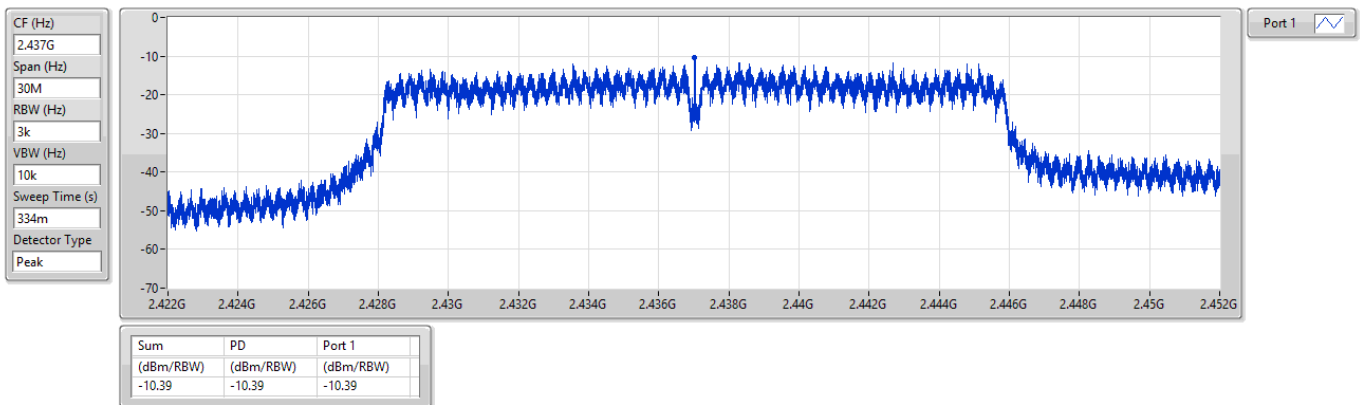
2412MHz



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

2437MHz



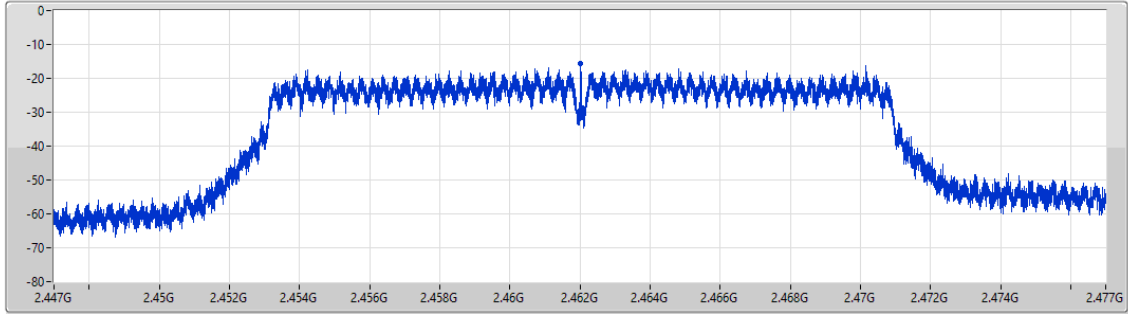


2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

2462MHz

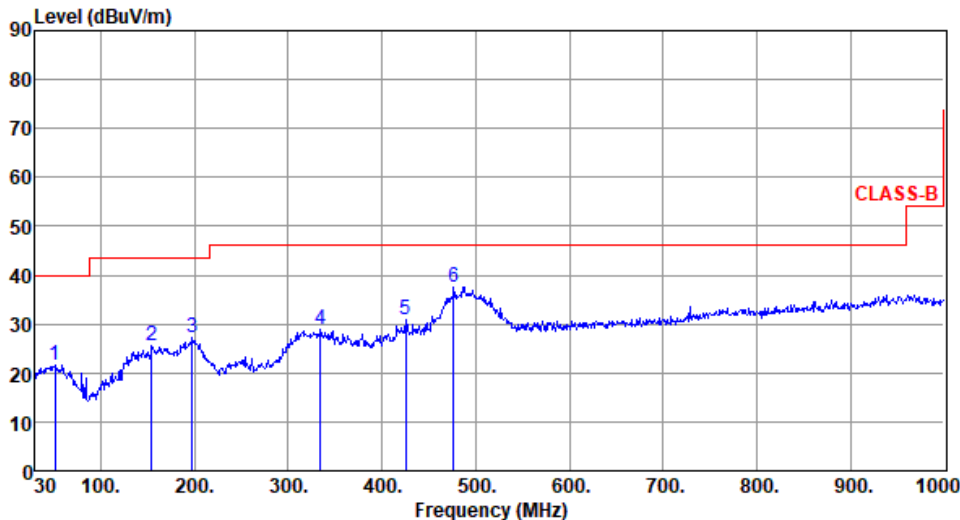
CF (Hz)
2.462G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
334m
Detector Type
Peak



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-15.75	-15.75	-15.75



Unwanted Emissions (Below 1GHz)

Modulation	11g	Test Freq. (MHz)	2437																																																																						
Polarization	Horizontal																																																																								
Test By :Tim Chan Temperature(°C):25 Humidity(%):65																																																																									
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>51.34</td><td>21.47</td><td>40.00</td><td>-18.53</td><td>29.65</td><td>-8.18</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>154.16</td><td>25.47</td><td>43.50</td><td>-18.03</td><td>34.11</td><td>-8.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>197.81</td><td>27.33</td><td>43.50</td><td>-16.17</td><td>39.12</td><td>-11.79</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>334.58</td><td>28.87</td><td>46.00</td><td>-17.13</td><td>35.87</td><td>-7.00</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>425.76</td><td>30.75</td><td>46.00</td><td>-15.25</td><td>35.26</td><td>-4.51</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>476.20</td><td>37.66</td><td>46.00</td><td>-8.34</td><td>40.93</td><td>-3.27</td><td>Peak</td><td>---</td><td>---</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	51.34	21.47	40.00	-18.53	29.65	-8.18	Peak	---	---	2	154.16	25.47	43.50	-18.03	34.11	-8.64	Peak	---	---	3	197.81	27.33	43.50	-16.17	39.12	-11.79	Peak	---	---	4	334.58	28.87	46.00	-17.13	35.87	-7.00	Peak	---	---	5	425.76	30.75	46.00	-15.25	35.26	-4.51	Peak	---	---	6	476.20	37.66	46.00	-8.34	40.93	-3.27	Peak	---	---
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	51.34	21.47	40.00	-18.53	29.65	-8.18	Peak	---	---																																																																
2	154.16	25.47	43.50	-18.03	34.11	-8.64	Peak	---	---																																																																
3	197.81	27.33	43.50	-16.17	39.12	-11.79	Peak	---	---																																																																
4	334.58	28.87	46.00	-17.13	35.87	-7.00	Peak	---	---																																																																
5	425.76	30.75	46.00	-15.25	35.26	-4.51	Peak	---	---																																																																
6	476.20	37.66	46.00	-8.34	40.93	-3.27	Peak	---	---																																																																
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.																																																																									



Modulation	11g	Test Freq. (MHz)	2437																																																																						
Polarization	Vertical																																																																								
Test By :Tim Chan Temperature(°C):25 Humidity(%):65																																																																									
Level (dBuV/m) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>50.37</td><td>32.22</td><td>40.00</td><td>-7.78</td><td>40.46</td><td>-8.24</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>72.68</td><td>22.66</td><td>40.00</td><td>-17.34</td><td>34.40</td><td>-11.74</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>129.91</td><td>25.21</td><td>43.50</td><td>-18.29</td><td>35.26</td><td>-10.05</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>185.20</td><td>23.25</td><td>43.50</td><td>-20.25</td><td>34.09</td><td>-10.84</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>332.64</td><td>28.04</td><td>46.00</td><td>-17.96</td><td>35.08</td><td>-7.04</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>487.84</td><td>41.07</td><td>46.00</td><td>-4.93</td><td>44.09</td><td>-3.02</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table> Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	50.37	32.22	40.00	-7.78	40.46	-8.24	Peak	---	---	2	72.68	22.66	40.00	-17.34	34.40	-11.74	Peak	---	---	3	129.91	25.21	43.50	-18.29	35.26	-10.05	Peak	---	---	4	185.20	23.25	43.50	-20.25	34.09	-10.84	Peak	---	---	5	332.64	28.04	46.00	-17.96	35.08	-7.04	Peak	---	---	6	487.84	41.07	46.00	-4.93	44.09	-3.02	Peak	---	---
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	50.37	32.22	40.00	-7.78	40.46	-8.24	Peak	---	---																																																																
2	72.68	22.66	40.00	-17.34	34.40	-11.74	Peak	---	---																																																																
3	129.91	25.21	43.50	-18.29	35.26	-10.05	Peak	---	---																																																																
4	185.20	23.25	43.50	-20.25	34.09	-10.84	Peak	---	---																																																																
5	332.64	28.04	46.00	-17.96	35.08	-7.04	Peak	---	---																																																																
6	487.84	41.07	46.00	-4.93	44.09	-3.02	Peak	---	---																																																																



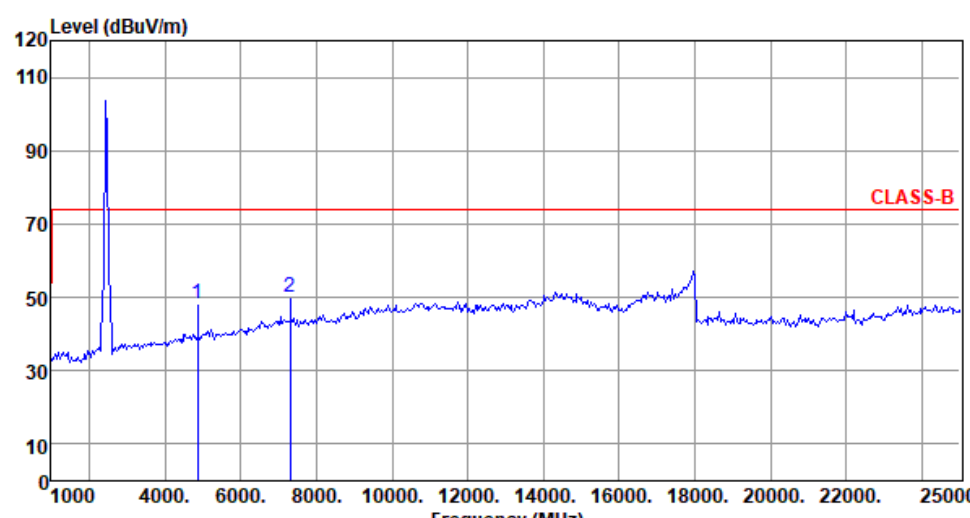
Unwanted Emission (Above 1GHz) for 11b

Modulation	11b	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBUV/m) <			

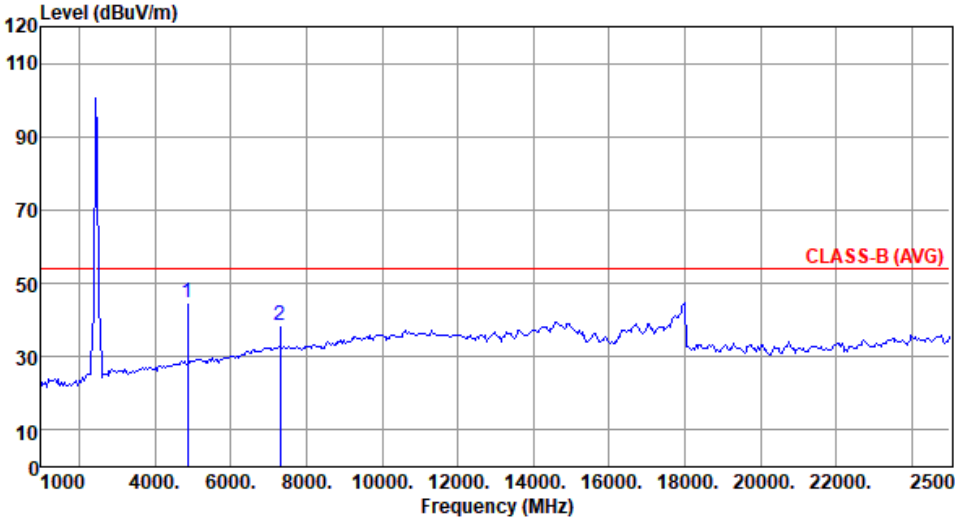


Modulation	11b	Test Freq. (MHz)	2412
Polarization	Vertical		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBUV/m)			



Modulation	11b	Test Freq. (MHz)	2437																														
Polarization	Horizontal-Peak Value																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m)  Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>4874.00</td><td>48.33</td><td>74.00</td><td>-25.67</td><td>47.41</td><td>0.92</td><td>Peak</td><td>224</td><td>155</td></tr><tr><td>2</td><td>7311.00</td><td>49.96</td><td>74.00</td><td>-24.04</td><td>43.33</td><td>6.63</td><td>Peak</td><td>179</td><td>229</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4874.00	48.33	74.00	-25.67	47.41	0.92	Peak	224	155	2	7311.00	49.96	74.00	-24.04	43.33	6.63	Peak	179	229
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	4874.00	48.33	74.00	-25.67	47.41	0.92	Peak	224	155																								
2	7311.00	49.96	74.00	-24.04	43.33	6.63	Peak	179	229																								
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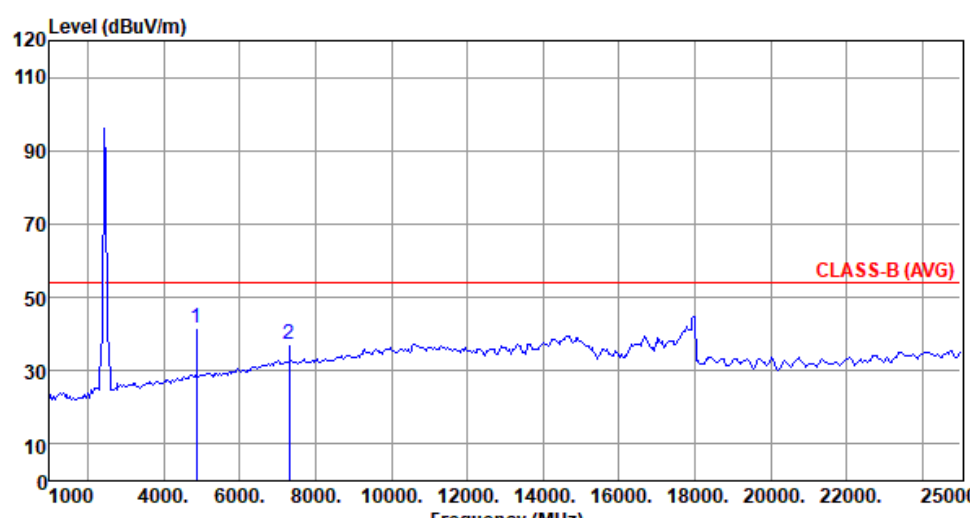


Modulation	11b	Test Freq. (MHz)	2437																														
Polarization	Horizontal-Average Value																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBUV/m)  Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>4874.00</td><td>44.67</td><td>54.00</td><td>-9.33</td><td>43.75</td><td>0.92</td><td>Average</td><td>224</td><td>155</td></tr><tr><td>2</td><td>7311.00</td><td>38.67</td><td>54.00</td><td>-15.33</td><td>32.04</td><td>6.63</td><td>Average</td><td>179</td><td>229</td></tr></tbody></table> Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4874.00	44.67	54.00	-9.33	43.75	0.92	Average	224	155	2	7311.00	38.67	54.00	-15.33	32.04	6.63	Average	179	229
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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Modulation	11b	Test Freq. (MHz)	2437
Polarization	Vertical-Peak Value		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m) </			



Modulation	11b	Test Freq. (MHz)	2437																														
Polarization	Vertical -Average Value																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBUV/m)  CLASS-B (AVG) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>4874.00</td><td>41.70</td><td>54.00</td><td>-12.30</td><td>40.78</td><td>0.92</td><td>Average</td><td>249</td><td>335</td></tr><tr><td>2</td><td>7311.00</td><td>37.10</td><td>54.00</td><td>-16.90</td><td>30.47</td><td>6.63</td><td>Average</td><td>212</td><td>317</td></tr></tbody></table> Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4874.00	41.70	54.00	-12.30	40.78	0.92	Average	249	335	2	7311.00	37.10	54.00	-16.90	30.47	6.63	Average	212	317
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	4874.00	41.70	54.00	-12.30	40.78	0.92	Average	249	335																								
2	7311.00	37.10	54.00	-16.90	30.47	6.63	Average	212	317																								



Modulation	11b	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBUV/m)			



Modulation	11b	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBUV/m)			



Unwanted Emissions (Above 1GHz) for 11g

Modulation	11g	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBUV/m)			



Modulation	11g	Test Freq. (MHz)	2412						
Polarization	Vertical								
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67									
Level (dBuV/m) Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4824.00	27.47	54.00	-26.53	26.57	0.90	Average	100	171
2	4824.00	41.10	74.00	-32.90	40.20	0.90	Peak	100	171
3	12060.00	34.75	54.00	-19.25	26.23	8.52	Average	100	145
4	12060.00	48.83	74.00	-25.17	40.31	8.52	Peak	100	145
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).									



Modulation	11g	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m)			



Modulation	11g	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m)			



Modulation	11g	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m)			



Modulation	11g	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m)			



Unwanted Emissions (Above 1GHz) for HT20

Modulation	HT20	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBUV/m)			



Modulation	HT20	Test Freq. (MHz)	2412
Polarization	Vertical		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m) <			



Modulation	HT20	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m)			



Modulation	HT20	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m)			



Modulation	HT20	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m) </			



Modulation	HT20	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m)			



Band Edge measurement

Appendix D

Modulation	11b	Test Freq. (MHz)	2412																																								
Polarization	Horizontal-Peak																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2386.50</td><td>54.30</td><td>74.00</td><td>-19.70</td><td>55.72</td><td>-1.42</td><td>Peak</td><td>187</td><td>152</td></tr><tr><td>2</td><td>2493.50</td><td>52.88</td><td>74.00</td><td>-21.12</td><td>54.23</td><td>-1.35</td><td>Peak</td><td>187</td><td>152</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2386.50	54.30	74.00	-19.70	55.72	-1.42	Peak	187	152	2	2493.50	52.88	74.00	-21.12	54.23	-1.35	Peak	187	152
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
1	2386.50	54.30	74.00	-19.70	55.72	-1.42	Peak	187	152																																		
2	2493.50	52.88	74.00	-21.12	54.23	-1.35	Peak	187	152																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Band Edge measurement

Appendix D

Modulation	11b	Test Freq. (MHz)	2412																														
Polarization	Horizontal-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) CLASS-B (AVG) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2387.25</td><td>43.57</td><td>54.00</td><td>-10.43</td><td>47.10</td><td>-3.53</td><td>Average</td><td>187</td><td>152</td></tr><tr><td>2</td><td>2484.25</td><td>40.07</td><td>54.00</td><td>-13.93</td><td>43.72</td><td>-3.65</td><td>Average</td><td>187</td><td>152</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2387.25	43.57	54.00	-10.43	47.10	-3.53	Average	187	152	2	2484.25	40.07	54.00	-13.93	43.72	-3.65	Average	187	152
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

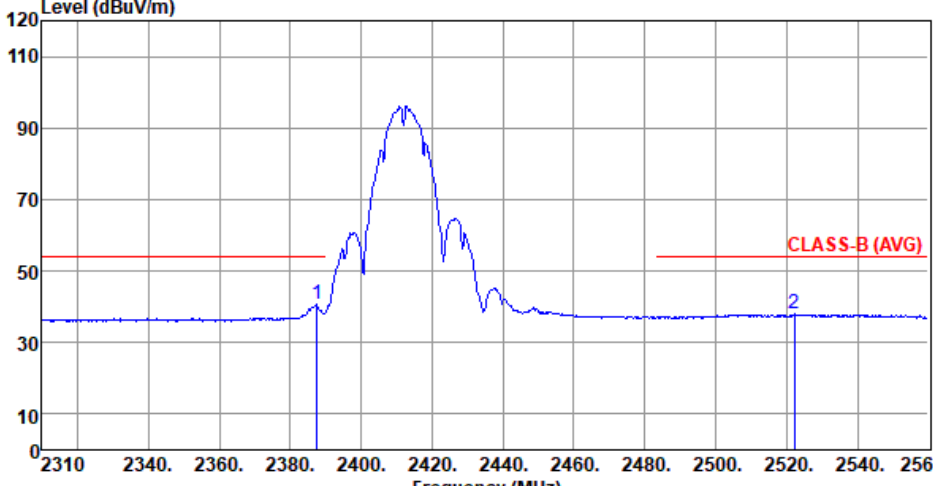
Appendix D

Modulation	11b	Test Freq. (MHz)	2412																																																		
Polarization	Vertical-Peak																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m) 120 110 90 70 50 30 10 0 2310 2340. 2360. 2380. 2400. 2420. 2440. 2460. 2480. 2500. 2520. 2540. 2560 Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2386.50</td><td>51.47</td><td>74.00</td><td>-22.53</td><td>55.00</td><td>-3.53</td><td>Peak</td><td>180</td><td>92</td></tr><tr><td>2</td><td>2536.25</td><td>51.09</td><td>74.00</td><td>-22.91</td><td>54.69</td><td>-3.60</td><td>Peak</td><td>180</td><td>92</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2386.50	51.47	74.00	-22.53	55.00	-3.53	Peak	180	92	2	2536.25	51.09	74.00	-22.91	54.69	-3.60	Peak	180	92
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
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		dBuV/m			dBuV			cm	deg																																												
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Band Edge measurement

Appendix D

Modulation	11b	Test Freq. (MHz)	2412																																								
Polarization	Vertical-Average																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2387.50</td><td>40.70</td><td>54.00</td><td>-13.30</td><td>44.24</td><td>-3.54</td><td>Average</td><td>180</td><td>92</td></tr><tr><td>2</td><td>2522.25</td><td>37.91</td><td>54.00</td><td>-16.09</td><td>41.55</td><td>-3.64</td><td>Average</td><td>180</td><td>92</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2387.50	40.70	54.00	-13.30	44.24	-3.54	Average	180	92	2	2522.25	37.91	54.00	-16.09	41.55	-3.64	Average	180	92
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
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Band Edge measurement

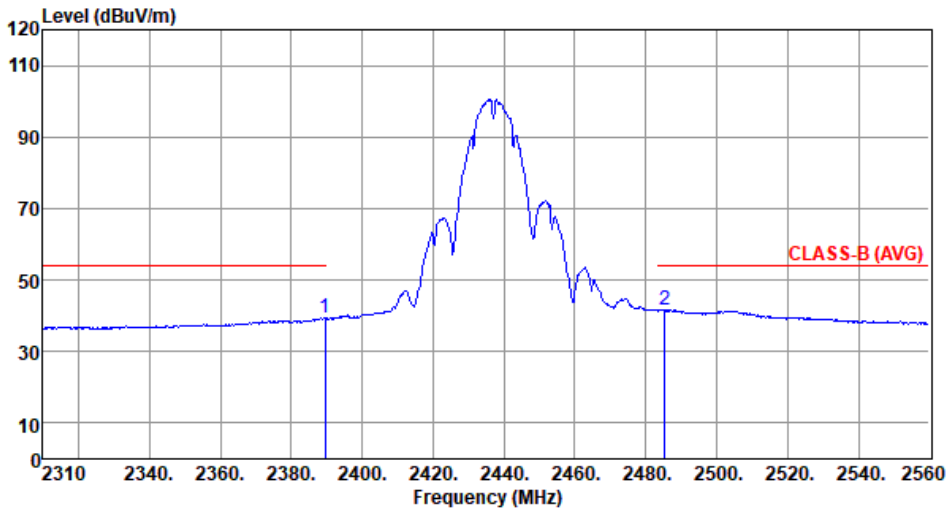
Appendix D

Modulation	11b	Test Freq. (MHz)	2437																														
Polarization	Horizontal-Peak																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2388.50</td><td>52.11</td><td>74.00</td><td>-21.89</td><td>55.66</td><td>-3.55</td><td>Peak</td><td>180</td><td>165</td></tr><tr><td>2</td><td>2487.50</td><td>54.79</td><td>74.00</td><td>-19.21</td><td>58.41</td><td>-3.62</td><td>Peak</td><td>128</td><td>178</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2388.50	52.11	74.00	-21.89	55.66	-3.55	Peak	180	165	2	2487.50	54.79	74.00	-19.21	58.41	-3.62	Peak	128	178
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2388.50	52.11	74.00	-21.89	55.66	-3.55	Peak	180	165																								
2	2487.50	54.79	74.00	-19.21	58.41	-3.62	Peak	128	178																								
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Band Edge measurement

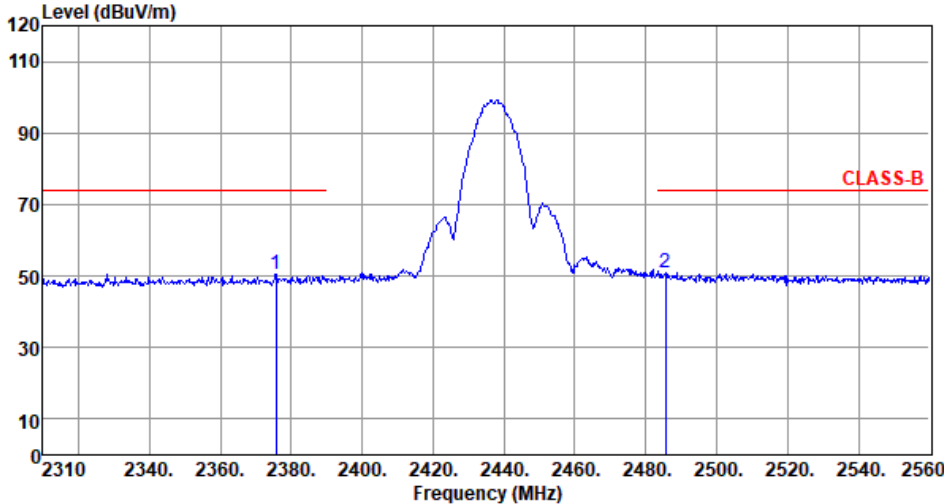
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Modulation	11b	Test Freq. (MHz)	2437																																								
Polarization	Horizontal-Average																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.50</td><td>39.41</td><td>54.00</td><td>-14.59</td><td>42.97</td><td>-3.56</td><td>Average</td><td>180</td><td>165</td></tr><tr><td>2</td><td>2485.25</td><td>41.77</td><td>54.00</td><td>-12.23</td><td>45.42</td><td>-3.65</td><td>Average</td><td>128</td><td>178</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2389.50	39.41	54.00	-14.59	42.97	-3.56	Average	180	165	2	2485.25	41.77	54.00	-12.23	45.42	-3.65	Average	128	178
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
1	2389.50	39.41	54.00	-14.59	42.97	-3.56	Average	180	165																																		
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Band Edge measurement

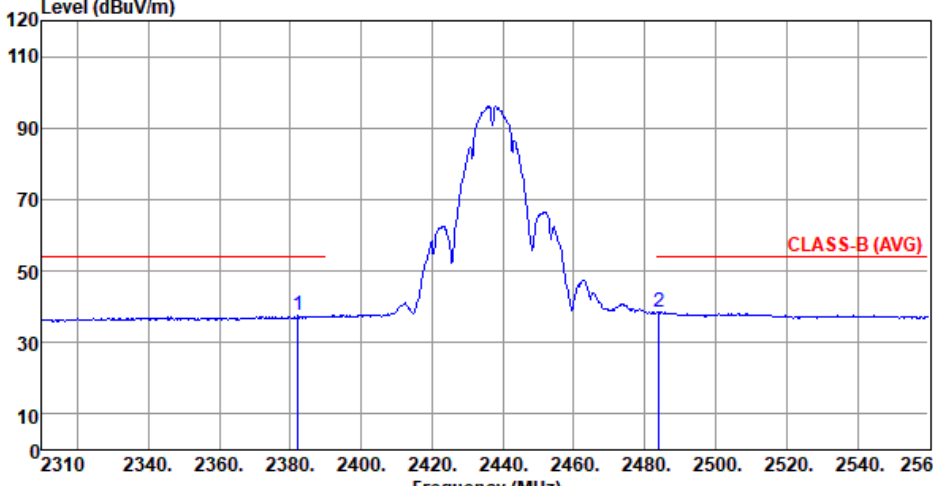
Appendix D

Modulation	11b	Test Freq. (MHz)	2437																																																		
Polarization	Vertical-Peak																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2375.75</td><td>50.65</td><td>74.00</td><td>-23.35</td><td>54.12</td><td>-3.47</td><td>Peak</td><td>128</td><td>31</td></tr><tr><td>2</td><td>2485.50</td><td>51.02</td><td>74.00</td><td>-22.98</td><td>54.67</td><td>-3.65</td><td>Peak</td><td>228</td><td>301</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2375.75	50.65	74.00	-23.35	54.12	-3.47	Peak	128	31	2	2485.50	51.02	74.00	-22.98	54.67	-3.65	Peak	228	301
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
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1	2375.75	50.65	74.00	-23.35	54.12	-3.47	Peak	128	31																																												
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Band Edge measurement

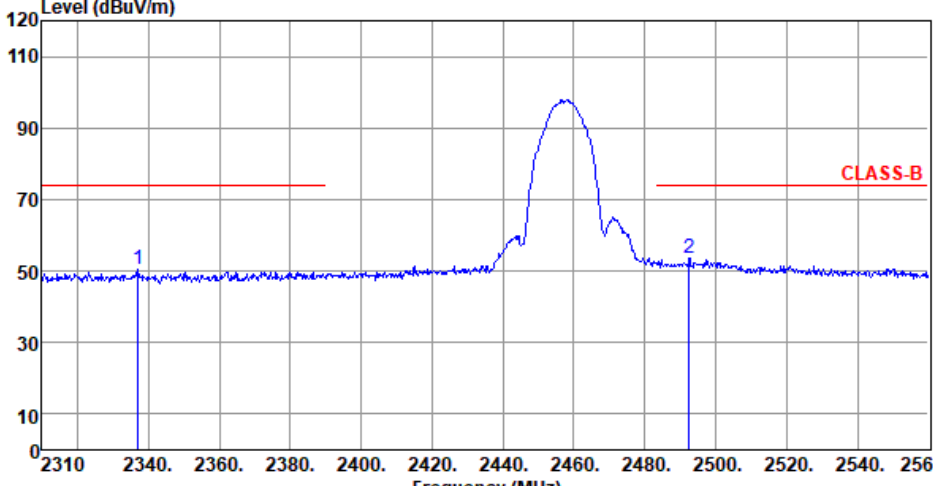
Appendix D

Modulation	11b	Test Freq. (MHz)	2437																																								
Polarization	Vertical-Average																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBUV/m</th><th>dBUV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2382.25</td><td>37.42</td><td>54.00</td><td>-16.58</td><td>40.90</td><td>-3.48</td><td>Average</td><td>128</td><td>31</td></tr><tr><td>2</td><td>2484.00</td><td>38.57</td><td>54.00</td><td>-15.43</td><td>42.22</td><td>-3.65</td><td>Average</td><td>228</td><td>301</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBUV/m	dBUV/m	dB	dBuV	dB/m		cm	deg	1	2382.25	37.42	54.00	-16.58	40.90	-3.48	Average	128	31	2	2484.00	38.57	54.00	-15.43	42.22	-3.65	Average	228	301
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBUV/m	dBUV/m	dB	dBuV	dB/m		cm	deg																																		
1	2382.25	37.42	54.00	-16.58	40.90	-3.48	Average	128	31																																		
2	2484.00	38.57	54.00	-15.43	42.22	-3.65	Average	228	301																																		
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																											



Band Edge measurement

Appendix D

Modulation	11b	Test Freq. (MHz)	2457																																																		
Polarization	Horizontal-Peak																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2337.00</td><td>50.45</td><td>74.00</td><td>-23.55</td><td>53.72</td><td>-3.27</td><td>Peak</td><td>127</td><td>174</td></tr><tr><td>2</td><td>2492.50</td><td>53.43</td><td>74.00</td><td>-20.57</td><td>57.04</td><td>-3.61</td><td>Peak</td><td>127</td><td>174</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2337.00	50.45	74.00	-23.55	53.72	-3.27	Peak	127	174	2	2492.50	53.43	74.00	-20.57	57.04	-3.61	Peak	127	174
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
		dBuV/m			dBuV			cm	deg																																												
1	2337.00	50.45	74.00	-23.55	53.72	-3.27	Peak	127	174																																												
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Band Edge measurement

Appendix D

Modulation	11b	Test Freq. (MHz)	2457																														
Polarization	Horizontal-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) CLASS-B (AVG) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2387.00</td><td>37.06</td><td>54.00</td><td>-16.94</td><td>40.59</td><td>-3.53</td><td>Average</td><td>127</td><td>174</td></tr><tr><td>2</td><td>2494.25</td><td>40.83</td><td>54.00</td><td>-13.17</td><td>44.45</td><td>-3.62</td><td>Average</td><td>127</td><td>174</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2387.00	37.06	54.00	-16.94	40.59	-3.53	Average	127	174	2	2494.25	40.83	54.00	-13.17	44.45	-3.62	Average	127	174
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

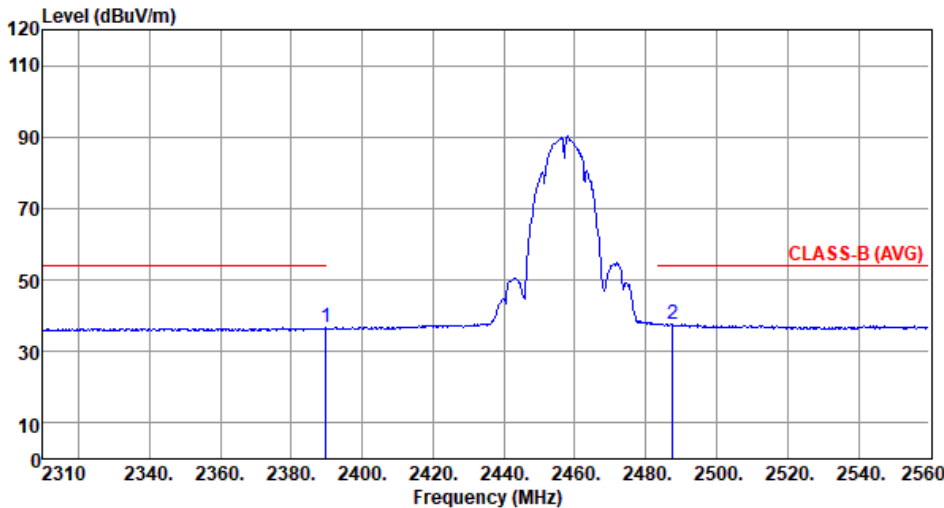
Appendix D

Modulation	11b	Test Freq. (MHz)	2457																														
Polarization	Vertical-Peak																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) 1 2 Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2343.50</td><td>50.21</td><td>74.00</td><td>-23.79</td><td>53.48</td><td>-3.27</td><td>Peak</td><td>133</td><td>58</td></tr><tr><td>2</td><td>2486.50</td><td>50.43</td><td>74.00</td><td>-23.57</td><td>54.06</td><td>-3.63</td><td>Peak</td><td>133</td><td>58</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2343.50	50.21	74.00	-23.79	53.48	-3.27	Peak	133	58	2	2486.50	50.43	74.00	-23.57	54.06	-3.63	Peak	133	58
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2343.50	50.21	74.00	-23.79	53.48	-3.27	Peak	133	58																								
2	2486.50	50.43	74.00	-23.57	54.06	-3.63	Peak	133	58																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	11b	Test Freq. (MHz)	2457																														
Polarization	Vertical-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2389.75</td><td>36.67</td><td>54.00</td><td>-17.33</td><td>40.23</td><td>-3.56</td><td>Average</td><td>133</td><td>58</td></tr><tr><td>2</td><td>2487.50</td><td>37.67</td><td>54.00</td><td>-16.33</td><td>41.29</td><td>-3.62</td><td>Average</td><td>133</td><td>58</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2389.75	36.67	54.00	-17.33	40.23	-3.56	Average	133	58	2	2487.50	37.67	54.00	-16.33	41.29	-3.62	Average	133	58
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2389.75	36.67	54.00	-17.33	40.23	-3.56	Average	133	58																								
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

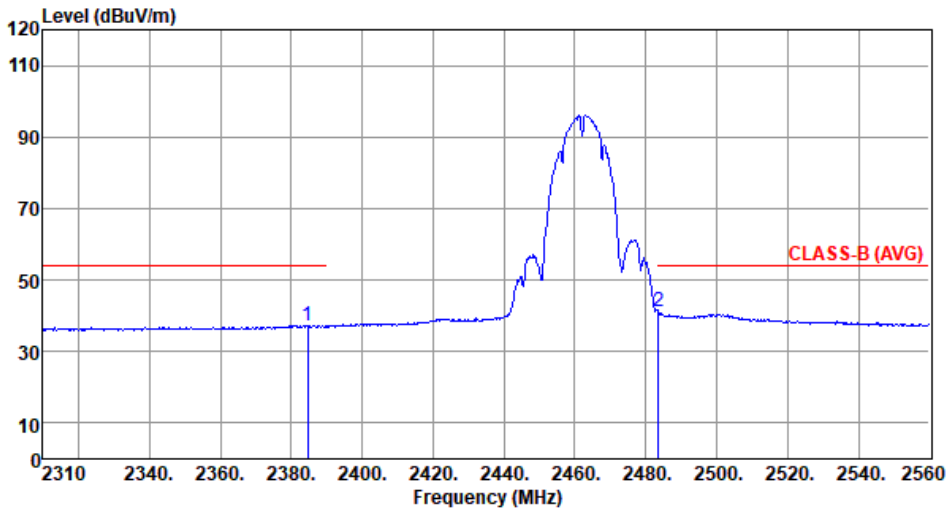
Appendix D

Modulation	11b	Test Freq. (MHz)	2462																																								
Polarization	Horizontal-Peak																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2381.50</td><td>50.20</td><td>74.00</td><td>-23.80</td><td>53.67</td><td>-3.47</td><td>Peak</td><td>107</td><td>165</td></tr><tr><td>2</td><td>2483.50</td><td>52.79</td><td>74.00</td><td>-21.21</td><td>56.44</td><td>-3.65</td><td>Peak</td><td>107</td><td>165</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2381.50	50.20	74.00	-23.80	53.67	-3.47	Peak	107	165	2	2483.50	52.79	74.00	-21.21	56.44	-3.65	Peak	107	165
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Band Edge measurement

Appendix D

Modulation	11b	Test Freq. (MHz)	2462																																								
Polarization	Horizontal-Average																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBUV/m</th><th>dBUV/m</th><th>dB</th><th>dBUV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2384.75</td><td>37.38</td><td>54.00</td><td>-16.62</td><td>40.90</td><td>-3.52</td><td>Average</td><td>107</td><td>165</td></tr><tr><td>2</td><td>2483.50</td><td>40.98</td><td>54.00</td><td>-13.02</td><td>44.63</td><td>-3.65</td><td>Average</td><td>107</td><td>165</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg	1	2384.75	37.38	54.00	-16.62	40.90	-3.52	Average	107	165	2	2483.50	40.98	54.00	-13.02	44.63	-3.65	Average	107	165
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg																																		
1	2384.75	37.38	54.00	-16.62	40.90	-3.52	Average	107	165																																		
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Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																											



Band Edge measurement

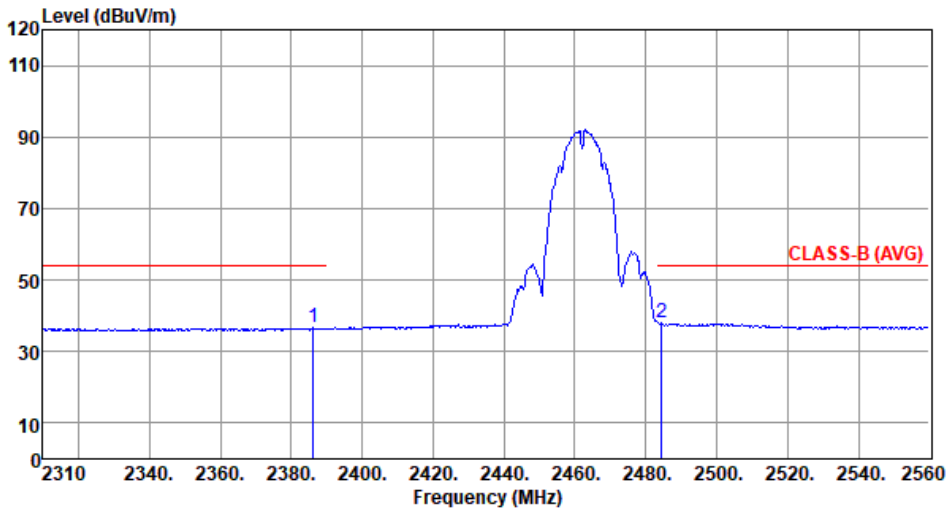
Appendix D

Modulation	11b	Test Freq. (MHz)	2462																																																		
Polarization	Vertical-Peak																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m) 1 2 CLASS-B Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.50</td><td>49.83</td><td>74.00</td><td>-24.17</td><td>53.39</td><td>-3.56</td><td>Peak</td><td>127</td><td>150</td></tr><tr><td>2</td><td>2531.75</td><td>50.16</td><td>74.00</td><td>-23.84</td><td>53.78</td><td>-3.62</td><td>Peak</td><td>127</td><td>150</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2389.50	49.83	74.00	-24.17	53.39	-3.56	Peak	127	150	2	2531.75	50.16	74.00	-23.84	53.78	-3.62	Peak	127	150
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
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1	2389.50	49.83	74.00	-24.17	53.39	-3.56	Peak	127	150																																												
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Band Edge measurement

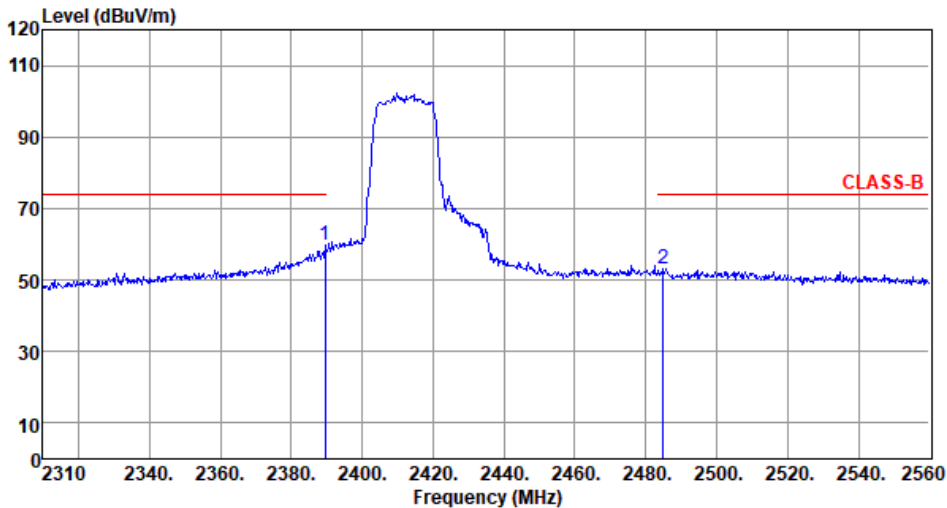
Appendix D

Modulation	11b	Test Freq. (MHz)	2462																														
Polarization	Vertical-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2386.25</td><td>36.55</td><td>54.00</td><td>-17.45</td><td>40.08</td><td>-3.53</td><td>Average</td><td>127</td><td>150</td></tr><tr><td>2</td><td>2484.50</td><td>38.21</td><td>54.00</td><td>-15.79</td><td>41.85</td><td>-3.64</td><td>Average</td><td>127</td><td>150</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2386.25	36.55	54.00	-17.45	40.08	-3.53	Average	127	150	2	2484.50	38.21	54.00	-15.79	41.85	-3.64	Average	127	150
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2412																																								
Polarization	Horizontal-Peak																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.50</td><td>59.74</td><td>74.00</td><td>-14.26</td><td>63.30</td><td>-3.56</td><td>Peak</td><td>186</td><td>150</td></tr><tr><td>2</td><td>2485.00</td><td>53.11</td><td>74.00</td><td>-20.89</td><td>56.76</td><td>-3.65</td><td>Peak</td><td>186</td><td>150</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2389.50	59.74	74.00	-14.26	63.30	-3.56	Peak	186	150	2	2485.00	53.11	74.00	-20.89	56.76	-3.65	Peak	186	150
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
1	2389.50	59.74	74.00	-14.26	63.30	-3.56	Peak	186	150																																		
2	2485.00	53.11	74.00	-20.89	56.76	-3.65	Peak	186	150																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2412																																																		
Polarization	Horizontal-Average																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m) CLASS-B (AVG) 2 Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.75</td><td>45.82</td><td>54.00</td><td>-8.18</td><td>49.38</td><td>-3.56</td><td>Average</td><td>186</td><td>150</td></tr><tr><td>2</td><td>2483.50</td><td>40.50</td><td>54.00</td><td>-13.50</td><td>44.15</td><td>-3.65</td><td>Average</td><td>186</td><td>150</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2389.75	45.82	54.00	-8.18	49.38	-3.56	Average	186	150	2	2483.50	40.50	54.00	-13.50	44.15	-3.65	Average	186	150
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Band Edge measurement

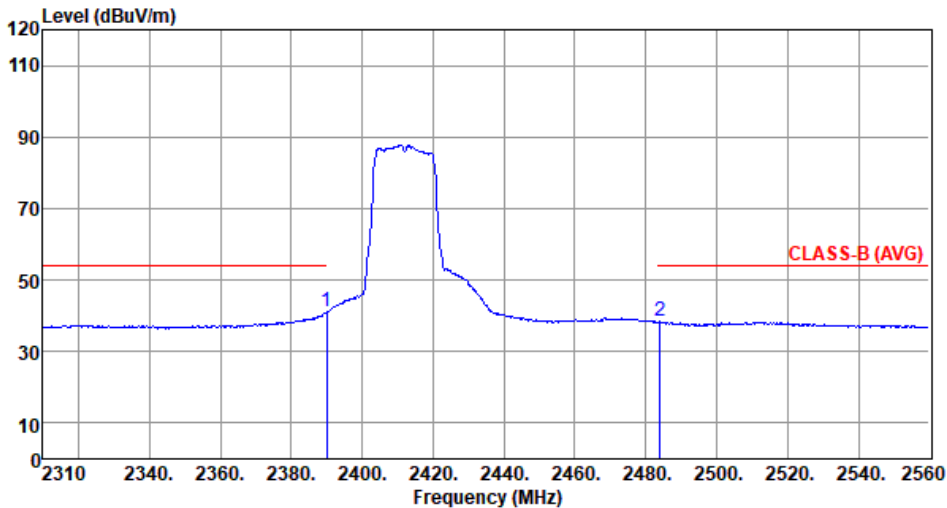
Appendix D

Modulation	11g	Test Freq. (MHz)	2412																														
Polarization	Vertical-Peak																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) CLASS-B Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2389.75</td><td>53.59</td><td>74.00</td><td>-20.41</td><td>57.15</td><td>-3.56</td><td>Peak</td><td>117</td><td>164</td></tr><tr><td>2</td><td>2512.00</td><td>51.02</td><td>74.00</td><td>-22.98</td><td>54.68</td><td>-3.66</td><td>Peak</td><td>117</td><td>164</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2389.75	53.59	74.00	-20.41	57.15	-3.56	Peak	117	164	2	2512.00	51.02	74.00	-22.98	54.68	-3.66	Peak	117	164
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2389.75	53.59	74.00	-20.41	57.15	-3.56	Peak	117	164																								
2	2512.00	51.02	74.00	-22.98	54.68	-3.66	Peak	117	164																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2412																																																		
Polarization	Vertical-Average																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2390.00</td><td>41.19</td><td>54.00</td><td>-12.81</td><td>44.75</td><td>-3.56</td><td>Average</td><td>117</td><td>164</td></tr><tr><td>2</td><td>2484.00</td><td>38.36</td><td>54.00</td><td>-15.64</td><td>42.01</td><td>-3.65</td><td>Average</td><td>117</td><td>164</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2390.00	41.19	54.00	-12.81	44.75	-3.56	Average	117	164	2	2484.00	38.36	54.00	-15.64	42.01	-3.65	Average	117	164
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
		dBuV/m			dBuV			cm	deg																																												
1	2390.00	41.19	54.00	-12.81	44.75	-3.56	Average	117	164																																												
2	2484.00	38.36	54.00	-15.64	42.01	-3.65	Average	117	164																																												
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Band Edge measurement

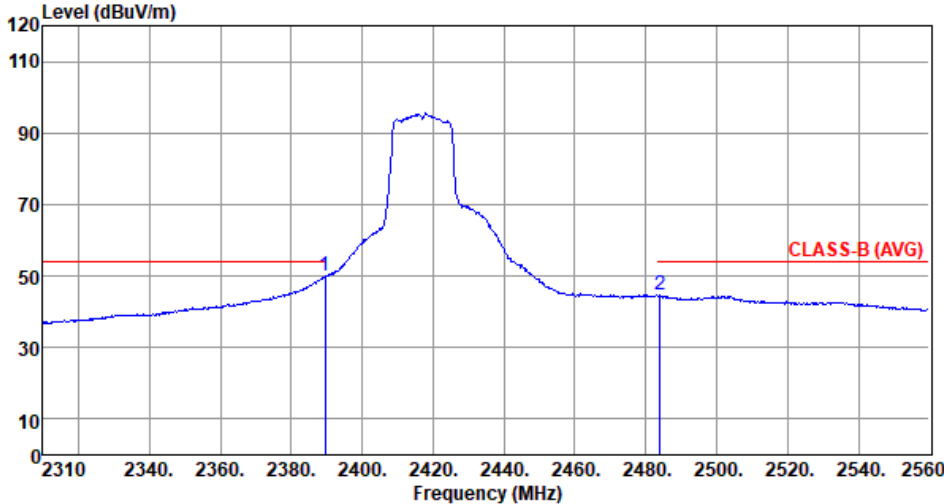
Appendix D

Modulation	11g	Test Freq. (MHz)	2417																														
Polarization	Horizontal-Peak																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBUV/m) Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2389.50</td><td>65.37</td><td>74.00</td><td>-8.63</td><td>68.93</td><td>-3.56</td><td>Peak</td><td>184</td><td>151</td></tr><tr><td>2</td><td>2499.75</td><td>57.82</td><td>74.00</td><td>-16.18</td><td>61.50</td><td>-3.68</td><td>Peak</td><td>184</td><td>151</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2389.50	65.37	74.00	-8.63	68.93	-3.56	Peak	184	151	2	2499.75	57.82	74.00	-16.18	61.50	-3.68	Peak	184	151
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2389.50	65.37	74.00	-8.63	68.93	-3.56	Peak	184	151																								
2	2499.75	57.82	74.00	-16.18	61.50	-3.68	Peak	184	151																								
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																	



Band Edge measurement

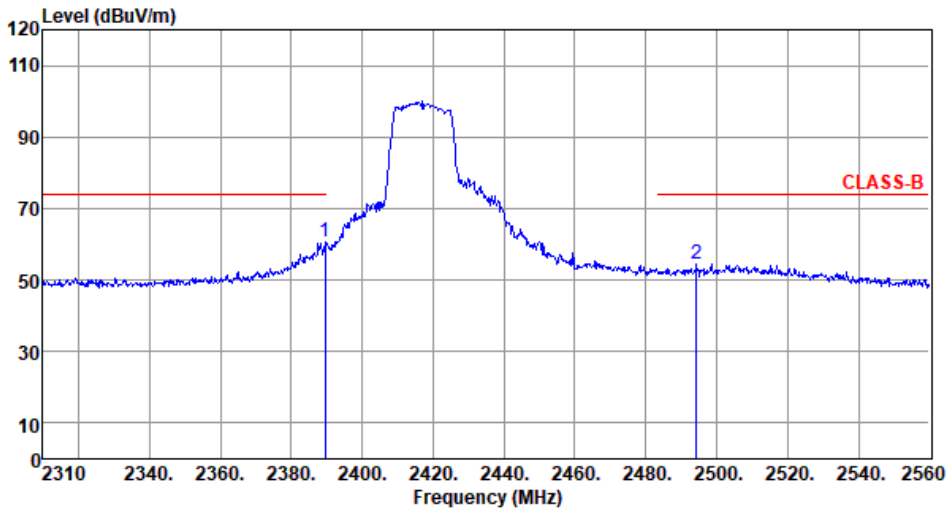
Appendix D

Modulation	11g	Test Freq. (MHz)	2417																																																		
Polarization	Horizontal-Average																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.50</td><td>49.87</td><td>54.00</td><td>-4.13</td><td>53.43</td><td>-3.56</td><td>Average</td><td>184</td><td>151</td></tr><tr><td>2</td><td>2484.00</td><td>44.79</td><td>54.00</td><td>-9.21</td><td>48.44</td><td>-3.65</td><td>Average</td><td>184</td><td>151</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2389.50	49.87	54.00	-4.13	53.43	-3.56	Average	184	151	2	2484.00	44.79	54.00	-9.21	48.44	-3.65	Average	184	151
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
		dBuV/m			dBuV			cm	deg																																												
1	2389.50	49.87	54.00	-4.13	53.43	-3.56	Average	184	151																																												
2	2484.00	44.79	54.00	-9.21	48.44	-3.65	Average	184	151																																												
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Band Edge measurement

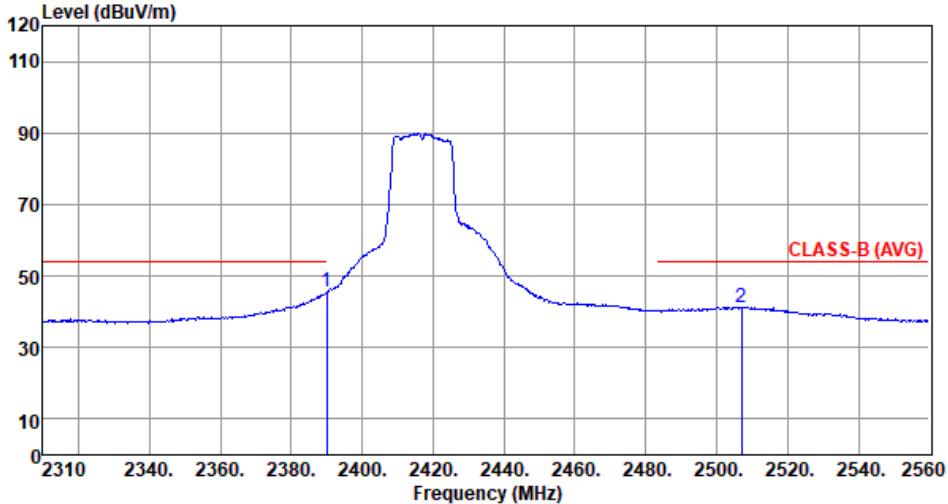
Appendix D

Modulation	11g	Test Freq. (MHz)	2417																																																		
Polarization	Vertical-Peak																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.50</td><td>60.63</td><td>74.00</td><td>-13.37</td><td>64.19</td><td>-3.56</td><td>Peak</td><td>122</td><td>166</td></tr><tr><td>2</td><td>2494.25</td><td>54.55</td><td>74.00</td><td>-19.45</td><td>58.17</td><td>-3.62</td><td>Peak</td><td>122</td><td>166</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2389.50	60.63	74.00	-13.37	64.19	-3.56	Peak	122	166	2	2494.25	54.55	74.00	-19.45	58.17	-3.62	Peak	122	166
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
		dBuV/m			dBuV			cm	deg																																												
1	2389.50	60.63	74.00	-13.37	64.19	-3.56	Peak	122	166																																												
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Band Edge measurement

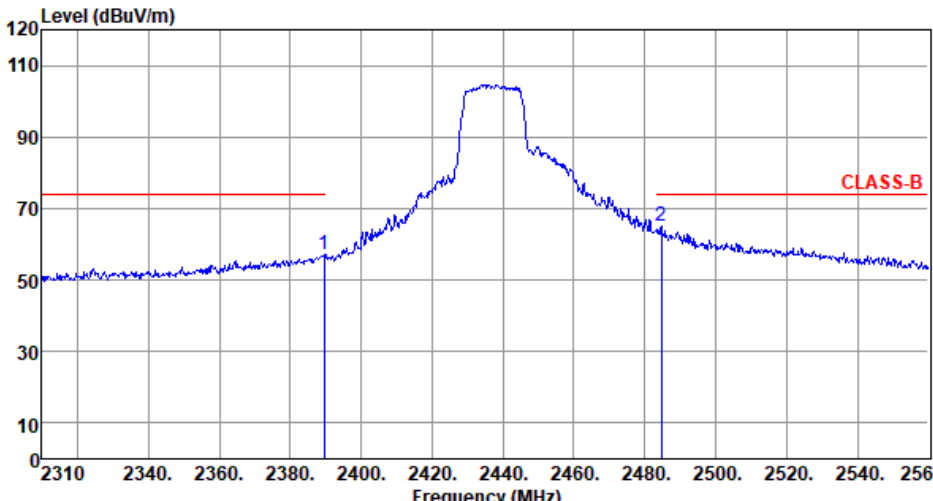
Appendix D

Modulation	11g	Test Freq. (MHz)	2417																																								
Polarization	Vertical-Average																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2390.00</td><td>45.40</td><td>54.00</td><td>-8.60</td><td>48.96</td><td>-3.56</td><td>Average</td><td>122</td><td>166</td></tr><tr><td>2</td><td>2507.00</td><td>41.32</td><td>54.00</td><td>-12.68</td><td>44.99</td><td>-3.67</td><td>Average</td><td>122</td><td>166</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2390.00	45.40	54.00	-8.60	48.96	-3.56	Average	122	166	2	2507.00	41.32	54.00	-12.68	44.99	-3.67	Average	122	166
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
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Band Edge measurement

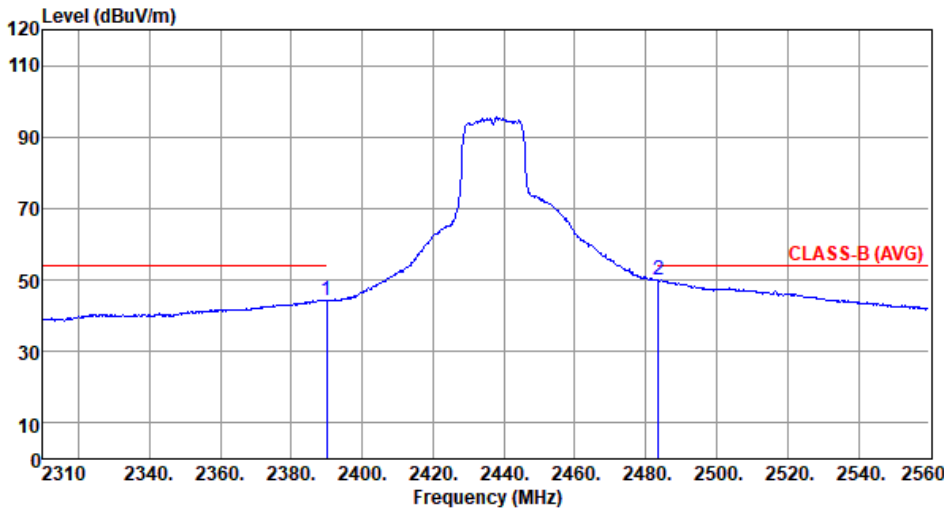
Appendix D

Modulation	11g	Test Freq. (MHz)	2437																																																		
Polarization	Horizontal-Peak																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBUV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBUV/m</th><th></th><th></th><th>dBUV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.50</td><td>57.32</td><td>74.00</td><td>-16.68</td><td>60.88</td><td>-3.56</td><td>Peak</td><td>184</td><td>148</td></tr><tr><td>2</td><td>2484.75</td><td>64.93</td><td>74.00</td><td>-9.07</td><td>68.58</td><td>-3.65</td><td>Peak</td><td>124</td><td>173</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBUV/m	dB	reading	dB/m		High	Table			dBUV/m			dBUV			cm	deg	1	2389.50	57.32	74.00	-16.68	60.88	-3.56	Peak	184	148	2	2484.75	64.93	74.00	-9.07	68.58	-3.65	Peak	124	173
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBUV/m	dB	reading	dB/m		High	Table																																												
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Band Edge measurement

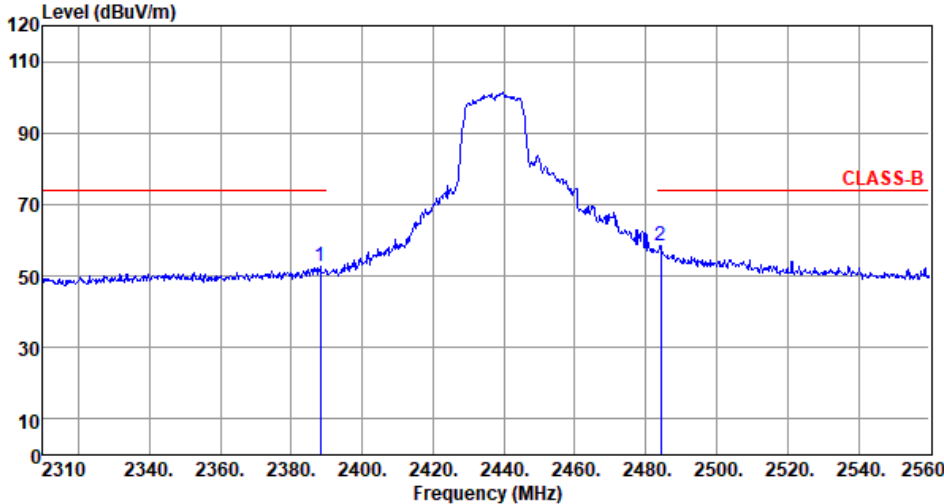
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2390.00	44.48	54.00	-9.52	48.04	-3.56	Average	184	148																								
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

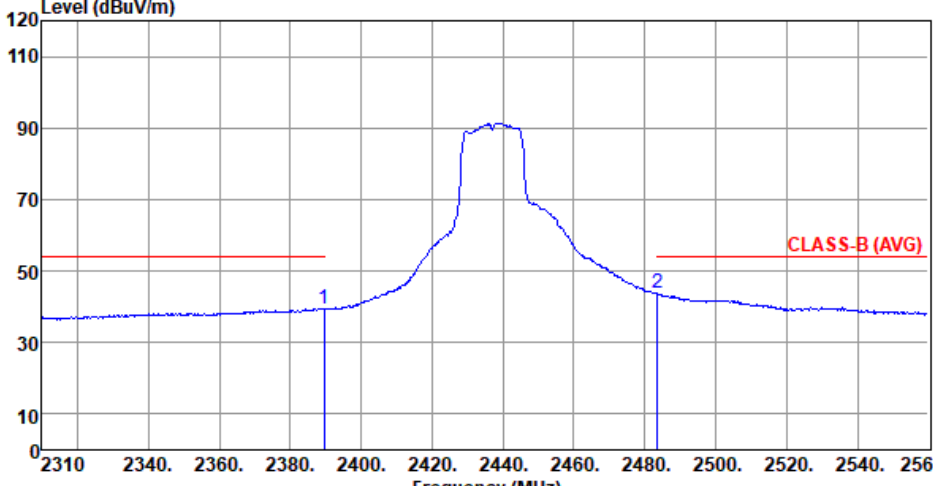
Appendix D

Modulation	11g	Test Freq. (MHz)	2437																																																		
Polarization	Vertical-Peak																																																				
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	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
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		dBuV/m			dBuV			cm	deg																																												
1	2388.25	52.64	74.00	-21.36	56.18	-3.54	Peak	125	29																																												
2	2484.25	58.55	74.00	-15.45	62.20	-3.65	Peak	230	298																																												
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2437																																																		
Polarization	Vertical-Average																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.50</td><td>39.60</td><td>54.00</td><td>-14.40</td><td>43.16</td><td>-3.56</td><td>Average</td><td>125</td><td>29</td></tr><tr><td>2</td><td>2483.50</td><td>43.67</td><td>54.00</td><td>-10.33</td><td>47.32</td><td>-3.65</td><td>Average</td><td>230</td><td>298</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2389.50	39.60	54.00	-14.40	43.16	-3.56	Average	125	29	2	2483.50	43.67	54.00	-10.33	47.32	-3.65	Average	230	298
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
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1	2389.50	39.60	54.00	-14.40	43.16	-3.56	Average	125	29																																												
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Band Edge measurement

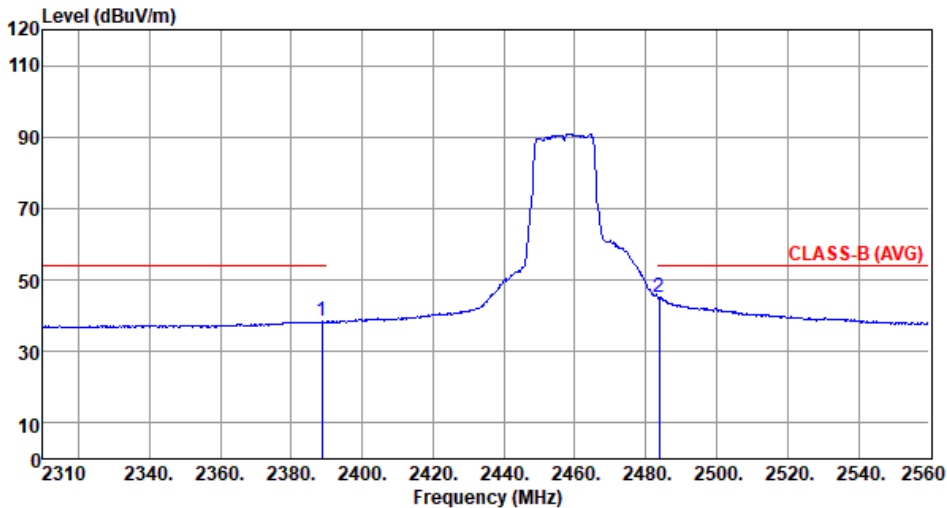
Appendix D

Modulation	11g	Test Freq. (MHz)	2457																																																		
Polarization	Horizontal-Peak																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2381.00</td><td>51.28</td><td>74.00</td><td>-22.72</td><td>54.75</td><td>-3.47</td><td>Peak</td><td>106</td><td>172</td></tr><tr><td>2</td><td>2484.25</td><td>59.62</td><td>74.00</td><td>-14.38</td><td>63.27</td><td>-3.65</td><td>Peak</td><td>106</td><td>172</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2381.00	51.28	74.00	-22.72	54.75	-3.47	Peak	106	172	2	2484.25	59.62	74.00	-14.38	63.27	-3.65	Peak	106	172
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
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Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2457																														
Polarization	Horizontal-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2388.75</td><td>38.40</td><td>54.00</td><td>-15.60</td><td>41.95</td><td>-3.55</td><td>Average</td><td>106</td><td>172</td></tr><tr><td>2</td><td>2483.75</td><td>45.31</td><td>54.00</td><td>-8.69</td><td>48.96</td><td>-3.65</td><td>Average</td><td>106</td><td>172</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2388.75	38.40	54.00	-15.60	41.95	-3.55	Average	106	172	2	2483.75	45.31	54.00	-8.69	48.96	-3.65	Average	106	172
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2457																																								
Polarization	Vertical-Peak																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBUV/m) 1 2 CLASS-B Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2363.75</td><td>49.83</td><td>74.00</td><td>-24.17</td><td>53.24</td><td>-3.41</td><td>Peak</td><td>178</td><td>282</td></tr><tr><td>2</td><td>2485.25</td><td>53.72</td><td>74.00</td><td>-20.28</td><td>57.37</td><td>-3.65</td><td>Peak</td><td>178</td><td>282</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2363.75	49.83	74.00	-24.17	53.24	-3.41	Peak	178	282	2	2485.25	53.72	74.00	-20.28	57.37	-3.65	Peak	178	282
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
1	2363.75	49.83	74.00	-24.17	53.24	-3.41	Peak	178	282																																		
2	2485.25	53.72	74.00	-20.28	57.37	-3.65	Peak	178	282																																		
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																											



Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2457																														
Polarization	Vertical-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2377.75</td><td>36.92</td><td>54.00</td><td>-17.08</td><td>40.38</td><td>-3.46</td><td>Average</td><td>178</td><td>282</td></tr><tr><td>2</td><td>2483.50</td><td>40.03</td><td>54.00</td><td>-13.97</td><td>43.68</td><td>-3.65</td><td>Average</td><td>178</td><td>282</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2377.75	36.92	54.00	-17.08	40.38	-3.46	Average	178	282	2	2483.50	40.03	54.00	-13.97	43.68	-3.65	Average	178	282
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2377.75	36.92	54.00	-17.08	40.38	-3.46	Average	178	282																								
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2462																																																		
Polarization	Horizontal-Peak																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBUV/m) 1 2 CLASS-B Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2385.25</td><td>51.36</td><td>74.00</td><td>-22.64</td><td>54.88</td><td>-3.52</td><td>Peak</td><td>125</td><td>167</td></tr><tr><td>2</td><td>2483.50</td><td>69.21</td><td>74.00</td><td>-4.79</td><td>72.86</td><td>-3.65</td><td>Peak</td><td>125</td><td>167</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2385.25	51.36	74.00	-22.64	54.88	-3.52	Peak	125	167	2	2483.50	69.21	74.00	-4.79	72.86	-3.65	Peak	125	167
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
		dBuV/m			dBuV			cm	deg																																												
1	2385.25	51.36	74.00	-22.64	54.88	-3.52	Peak	125	167																																												
2	2483.50	69.21	74.00	-4.79	72.86	-3.65	Peak	125	167																																												
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																					



Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2462
Polarization	Horizontal-Average		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBuV/m) <			



Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2462																														
Polarization	Vertical-Peak																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) CLASS-B Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2379.50</td><td>50.57</td><td>74.00</td><td>-23.43</td><td>54.03</td><td>-3.46</td><td>Peak</td><td>231</td><td>301</td></tr><tr><td>2</td><td>2483.50</td><td>63.50</td><td>74.00</td><td>-10.50</td><td>67.15</td><td>-3.65</td><td>Peak</td><td>231</td><td>301</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2379.50	50.57	74.00	-23.43	54.03	-3.46	Peak	231	301	2	2483.50	63.50	74.00	-10.50	67.15	-3.65	Peak	231	301
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2379.50	50.57	74.00	-23.43	54.03	-3.46	Peak	231	301																								
2	2483.50	63.50	74.00	-10.50	67.15	-3.65	Peak	231	301																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	11g	Test Freq. (MHz)	2462																														
Polarization	Vertical-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2384.00</td><td>37.01</td><td>54.00</td><td>-16.99</td><td>40.52</td><td>-3.51</td><td>Average</td><td>231</td><td>301</td></tr><tr><td>2</td><td>2483.50</td><td>47.06</td><td>54.00</td><td>-6.94</td><td>50.71</td><td>-3.65</td><td>Average</td><td>231</td><td>301</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2384.00	37.01	54.00	-16.99	40.52	-3.51	Average	231	301	2	2483.50	47.06	54.00	-6.94	50.71	-3.65	Average	231	301
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2384.00	37.01	54.00	-16.99	40.52	-3.51	Average	231	301																								
2	2483.50	47.06	54.00	-6.94	50.71	-3.65	Average	231	301																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

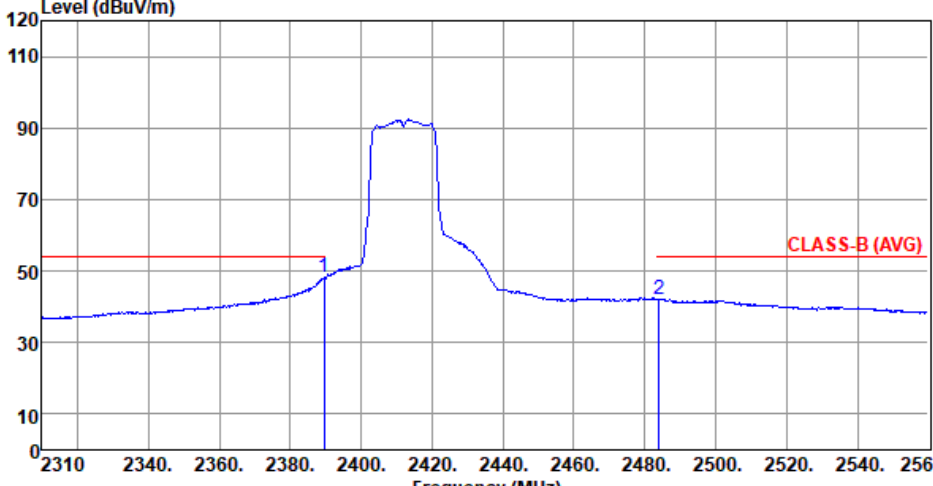
Appendix D

Modulation	HT20	Test Freq. (MHz)	2412																														
Polarization	Horizontal-Peak																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) CLASS-B Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2389.50</td><td>63.36</td><td>74.00</td><td>-10.64</td><td>66.92</td><td>-3.56</td><td>Peak</td><td>185</td><td>151</td></tr><tr><td>2</td><td>2514.00</td><td>54.42</td><td>74.00</td><td>-19.58</td><td>58.07</td><td>-3.65</td><td>Peak</td><td>185</td><td>151</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2389.50	63.36	74.00	-10.64	66.92	-3.56	Peak	185	151	2	2514.00	54.42	74.00	-19.58	58.07	-3.65	Peak	185	151
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2389.50	63.36	74.00	-10.64	66.92	-3.56	Peak	185	151																								
2	2514.00	54.42	74.00	-19.58	58.07	-3.65	Peak	185	151																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2412																																								
Polarization	Horizontal-Average																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBUV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBUV/m</th><th>dBUV/m</th><th>dB</th><th>dBUV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.50</td><td>48.30</td><td>54.00</td><td>-5.70</td><td>51.86</td><td>-3.56</td><td>Average</td><td>185</td><td>151</td></tr><tr><td>2</td><td>2484.00</td><td>42.15</td><td>54.00</td><td>-11.85</td><td>45.80</td><td>-3.65</td><td>Average</td><td>185</td><td>151</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg	1	2389.50	48.30	54.00	-5.70	51.86	-3.56	Average	185	151	2	2484.00	42.15	54.00	-11.85	45.80	-3.65	Average	185	151
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg																																		
1	2389.50	48.30	54.00	-5.70	51.86	-3.56	Average	185	151																																		
2	2484.00	42.15	54.00	-11.85	45.80	-3.65	Average	185	151																																		
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																											



Band Edge measurement

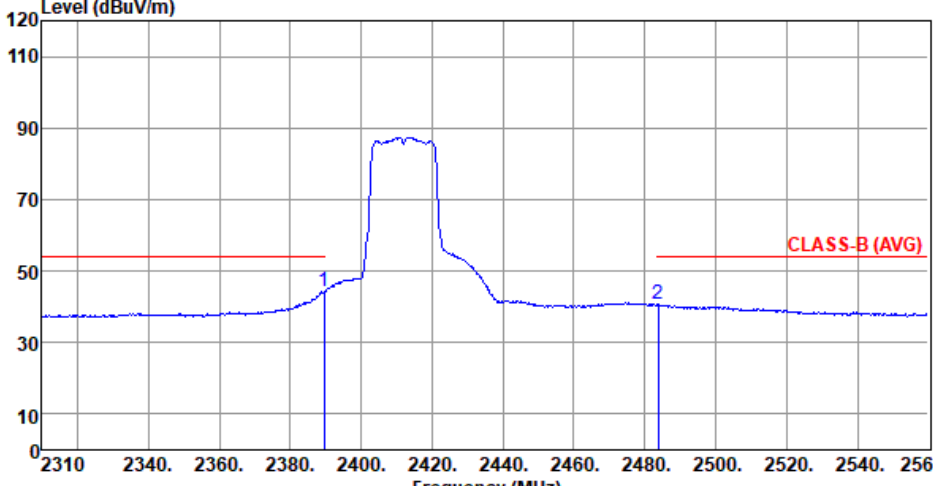
Appendix D

Modulation	HT20	Test Freq. (MHz)	2412																				
Polarization	Vertical-Peak																						
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																							
Level (dBuV/m) Freq. Emission Limit Margin SA Factor Remark ANT Turn level MHz dBuV/m dBuV/m dB reading dB/m dBuV <table><tr><td>1</td><td>2388.50</td><td>58.21</td><td>74.00</td><td>-15.79</td><td>61.76</td><td>-3.55</td><td>Peak</td><td>105</td><td>134</td></tr><tr><td>2</td><td>2484.25</td><td>53.11</td><td>74.00</td><td>-20.89</td><td>56.76</td><td>-3.65</td><td>Peak</td><td>105</td><td>134</td></tr></table>				1	2388.50	58.21	74.00	-15.79	61.76	-3.55	Peak	105	134	2	2484.25	53.11	74.00	-20.89	56.76	-3.65	Peak	105	134
1	2388.50	58.21	74.00	-15.79	61.76	-3.55	Peak	105	134														
2	2484.25	53.11	74.00	-20.89	56.76	-3.65	Peak	105	134														
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																							



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2412																																								
Polarization	Vertical-Average																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBuV/m)  <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.50</td><td>44.48</td><td>54.00</td><td>-9.52</td><td>48.04</td><td>-3.56</td><td>Average</td><td>105</td><td>134</td></tr><tr><td>2</td><td>2483.75</td><td>40.62</td><td>54.00</td><td>-13.38</td><td>44.27</td><td>-3.65</td><td>Average</td><td>105</td><td>134</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2389.50	44.48	54.00	-9.52	48.04	-3.56	Average	105	134	2	2483.75	40.62	54.00	-13.38	44.27	-3.65	Average	105	134
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
1	2389.50	44.48	54.00	-9.52	48.04	-3.56	Average	105	134																																		
2	2483.75	40.62	54.00	-13.38	44.27	-3.65	Average	105	134																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Band Edge measurement

Appendix D

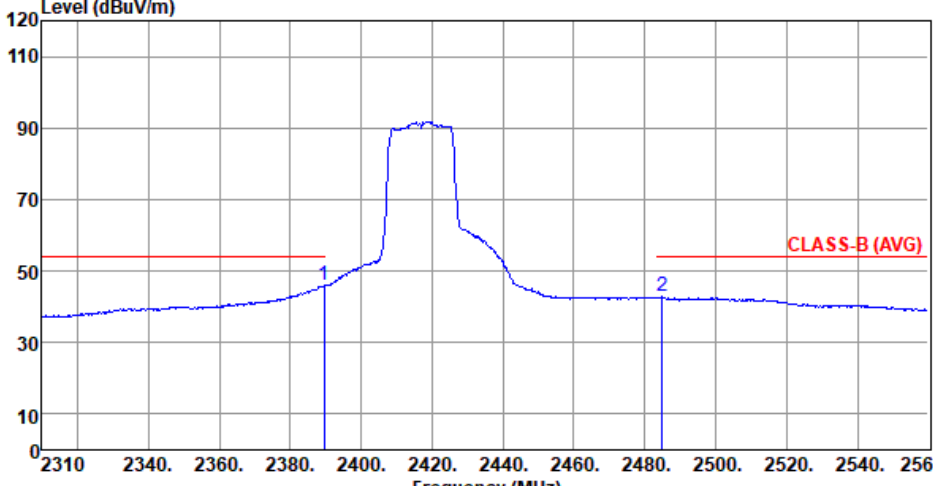
Modulation	HT20	Test Freq. (MHz)	2417						
Polarization	Horizontal-Peak								
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67									
Level (dBuV/m) 1 2 Frequency (MHz)									
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	2388.25	61.45	74.00	-12.55	64.99	-3.54	Peak	188	160
2	2484.50	55.78	74.00	-18.22	59.42	-3.64	Peak	188	160

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Band Edge measurement

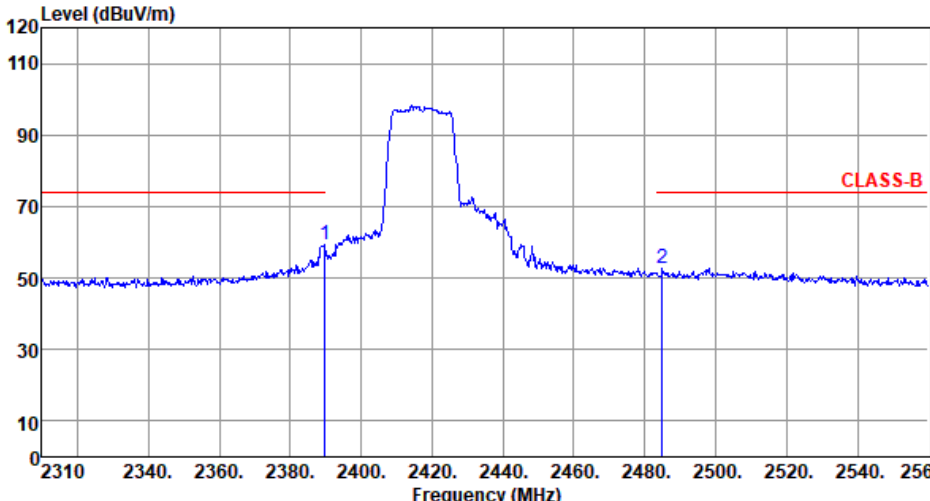
Appendix D

Modulation	HT20	Test Freq. (MHz)	2417																																								
Polarization	Horizontal-Average																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.50</td><td>45.89</td><td>54.00</td><td>-8.11</td><td>49.45</td><td>-3.56</td><td>Average</td><td>188</td><td>160</td></tr><tr><td>2</td><td>2485.00</td><td>42.84</td><td>54.00</td><td>-11.16</td><td>46.49</td><td>-3.65</td><td>Average</td><td>188</td><td>160</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2389.50	45.89	54.00	-8.11	49.45	-3.56	Average	188	160	2	2485.00	42.84	54.00	-11.16	46.49	-3.65	Average	188	160
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
1	2389.50	45.89	54.00	-8.11	49.45	-3.56	Average	188	160																																		
2	2485.00	42.84	54.00	-11.16	46.49	-3.65	Average	188	160																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Band Edge measurement

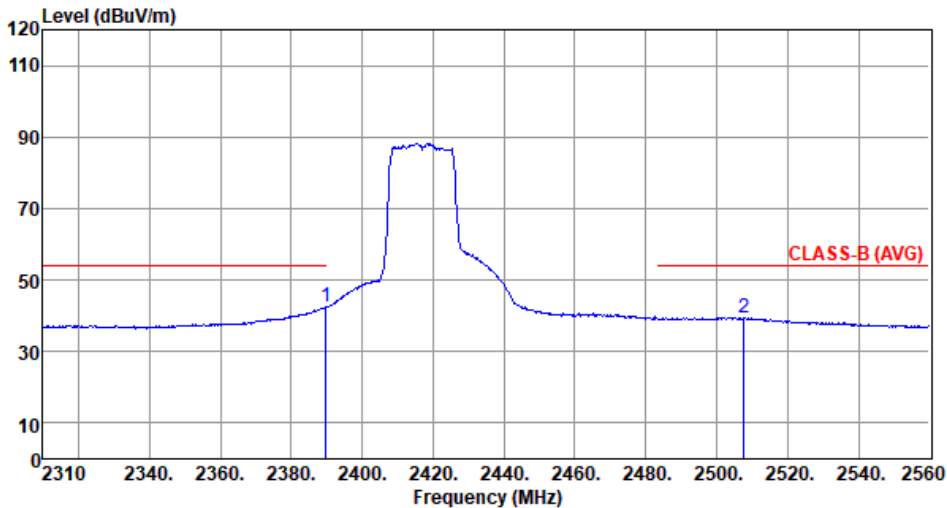
Appendix D

Modulation	HT20	Test Freq. (MHz)	2417																																																		
Polarization	Vertical-Peak																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.75</td><td>59.53</td><td>74.00</td><td>-14.47</td><td>63.09</td><td>-3.56</td><td>Peak</td><td>122</td><td>166</td></tr><tr><td>2</td><td>2485.00</td><td>52.63</td><td>74.00</td><td>-21.37</td><td>56.28</td><td>-3.65</td><td>Peak</td><td>122</td><td>166</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2389.75	59.53	74.00	-14.47	63.09	-3.56	Peak	122	166	2	2485.00	52.63	74.00	-21.37	56.28	-3.65	Peak	122	166
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
		dBuV/m			dBuV			cm	deg																																												
1	2389.75	59.53	74.00	-14.47	63.09	-3.56	Peak	122	166																																												
2	2485.00	52.63	74.00	-21.37	56.28	-3.65	Peak	122	166																																												
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2417																																																		
Polarization	Vertical-Average																																																				
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																																					
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.75</td><td>42.52</td><td>54.00</td><td>-11.48</td><td>46.08</td><td>-3.56</td><td>Average</td><td>122</td><td>166</td></tr><tr><td>2</td><td>2507.75</td><td>39.43</td><td>54.00</td><td>-14.57</td><td>43.10</td><td>-3.67</td><td>Average</td><td>122</td><td>166</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2389.75	42.52	54.00	-11.48	46.08	-3.56	Average	122	166	2	2507.75	39.43	54.00	-14.57	43.10	-3.67	Average	122	166
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
		dBuV/m			dBuV			cm	deg																																												
1	2389.75	42.52	54.00	-11.48	46.08	-3.56	Average	122	166																																												
2	2507.75	39.43	54.00	-14.57	43.10	-3.67	Average	122	166																																												
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2437																														
Polarization	Horizontal-Peak																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2389.75</td><td>54.57</td><td>74.00</td><td>-19.43</td><td>58.13</td><td>-3.56</td><td>Peak</td><td>186</td><td>149</td></tr><tr><td>2</td><td>2484.75</td><td>60.66</td><td>74.00</td><td>-13.34</td><td>64.31</td><td>-3.65</td><td>Peak</td><td>126</td><td>168</td></tr></tbody></table> Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2389.75	54.57	74.00	-19.43	58.13	-3.56	Peak	186	149	2	2484.75	60.66	74.00	-13.34	64.31	-3.65	Peak	126	168
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2389.75	54.57	74.00	-19.43	58.13	-3.56	Peak	186	149																								
2	2484.75	60.66	74.00	-13.34	64.31	-3.65	Peak	126	168																								



Band Edge measurement

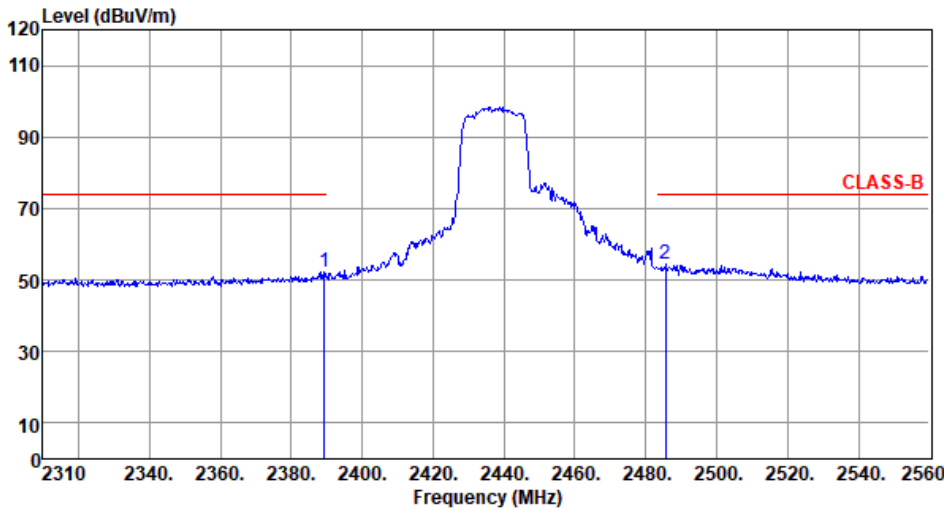
Appendix D

Modulation	HT20	Test Freq. (MHz)	2437																														
Polarization	Horizontal-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2389.50</td><td>42.22</td><td>54.00</td><td>-11.78</td><td>45.78</td><td>-3.56</td><td>Average</td><td>186</td><td>149</td></tr><tr><td>2</td><td>2484.00</td><td>45.59</td><td>54.00</td><td>-8.41</td><td>49.24</td><td>-3.65</td><td>Average</td><td>126</td><td>168</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2389.50	42.22	54.00	-11.78	45.78	-3.56	Average	186	149	2	2484.00	45.59	54.00	-8.41	49.24	-3.65	Average	126	168
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2389.50	42.22	54.00	-11.78	45.78	-3.56	Average	186	149																								
2	2484.00	45.59	54.00	-8.41	49.24	-3.65	Average	126	168																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2437																														
Polarization	Vertical-Peak																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2389.25</td><td>52.13</td><td>74.00</td><td>-21.87</td><td>55.68</td><td>-3.55</td><td>Peak</td><td>123</td><td>152</td></tr><tr><td>2</td><td>2485.50</td><td>54.46</td><td>74.00</td><td>-19.54</td><td>58.11</td><td>-3.65</td><td>Peak</td><td>232</td><td>300</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2389.25	52.13	74.00	-21.87	55.68	-3.55	Peak	123	152	2	2485.50	54.46	74.00	-19.54	58.11	-3.65	Peak	232	300
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2389.25	52.13	74.00	-21.87	55.68	-3.55	Peak	123	152																								
2	2485.50	54.46	74.00	-19.54	58.11	-3.65	Peak	232	300																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2437																														
Polarization	Vertical-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2389.75</td><td>38.73</td><td>54.00</td><td>-15.27</td><td>42.29</td><td>-3.56</td><td>Average</td><td>123</td><td>152</td></tr><tr><td>2</td><td>2483.75</td><td>41.35</td><td>54.00</td><td>-12.65</td><td>45.00</td><td>-3.65</td><td>Average</td><td>232</td><td>300</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2389.75	38.73	54.00	-15.27	42.29	-3.56	Average	123	152	2	2483.75	41.35	54.00	-12.65	45.00	-3.65	Average	232	300
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2389.75	38.73	54.00	-15.27	42.29	-3.56	Average	123	152																								
2	2483.75	41.35	54.00	-12.65	45.00	-3.65	Average	232	300																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2457																																								
Polarization	Horizontal-Peak																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2378.50</td><td>52.92</td><td>74.00</td><td>-21.08</td><td>56.38</td><td>-3.46</td><td>Peak</td><td>129</td><td>164</td></tr><tr><td>2</td><td>2485.25</td><td>69.61</td><td>74.00</td><td>-4.39</td><td>73.26</td><td>-3.65</td><td>Peak</td><td>129</td><td>164</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2378.50	52.92	74.00	-21.08	56.38	-3.46	Peak	129	164	2	2485.25	69.61	74.00	-4.39	73.26	-3.65	Peak	129	164
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
1	2378.50	52.92	74.00	-21.08	56.38	-3.46	Peak	129	164																																		
2	2485.25	69.61	74.00	-4.39	73.26	-3.65	Peak	129	164																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2457						
Polarization	Horizontal-Average								
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67									
Level (dBuV/m) 1 2 CLASS-B (AVG) Frequency (MHz)									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	2381.25	40.06	54.00	-13.94	43.53	-3.47	Average	129	164
2	2484.00	53.01	54.00	-0.99	56.66	-3.65	Average	129	164

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2457																														
Polarization	Vertical-Peak																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) CLASS-B Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2340.75</td><td>50.47</td><td>74.00</td><td>-23.53</td><td>53.74</td><td>-3.27</td><td>Peak</td><td>234</td><td>257</td></tr><tr><td>2</td><td>2485.50</td><td>65.12</td><td>74.00</td><td>-8.88</td><td>68.77</td><td>-3.65</td><td>Peak</td><td>234</td><td>257</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2340.75	50.47	74.00	-23.53	53.74	-3.27	Peak	234	257	2	2485.50	65.12	74.00	-8.88	68.77	-3.65	Peak	234	257
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2340.75	50.47	74.00	-23.53	53.74	-3.27	Peak	234	257																								
2	2485.50	65.12	74.00	-8.88	68.77	-3.65	Peak	234	257																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2457																														
Polarization	Vertical-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2381.00</td><td>37.21</td><td>54.00</td><td>-16.79</td><td>40.68</td><td>-3.47</td><td>Average</td><td>234</td><td>257</td></tr><tr><td>2</td><td>2483.50</td><td>48.14</td><td>54.00</td><td>-5.86</td><td>51.79</td><td>-3.65</td><td>Average</td><td>234</td><td>257</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2381.00	37.21	54.00	-16.79	40.68	-3.47	Average	234	257	2	2483.50	48.14	54.00	-5.86	51.79	-3.65	Average	234	257
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2381.00	37.21	54.00	-16.79	40.68	-3.47	Average	234	257																								
2	2483.50	48.14	54.00	-5.86	51.79	-3.65	Average	234	257																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2462																																								
Polarization	Horizontal-Peak																																										
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																											
Level (dBUV/m) CLASS-B Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBUV/m</th><th>dBUV/m</th><th>dB</th><th>dBUV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2388.50</td><td>51.24</td><td>74.00</td><td>-22.76</td><td>54.79</td><td>-3.55</td><td>Peak</td><td>123</td><td>170</td></tr><tr><td>2</td><td>2483.50</td><td>67.33</td><td>74.00</td><td>-6.67</td><td>70.98</td><td>-3.65</td><td>Peak</td><td>123</td><td>170</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg	1	2388.50	51.24	74.00	-22.76	54.79	-3.55	Peak	123	170	2	2483.50	67.33	74.00	-6.67	70.98	-3.65	Peak	123	170
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg																																		
1	2388.50	51.24	74.00	-22.76	54.79	-3.55	Peak	123	170																																		
2	2483.50	67.33	74.00	-6.67	70.98	-3.65	Peak	123	170																																		
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																											



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2462																														
Polarization	Horizontal-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2389.75</td><td>38.73</td><td>54.00</td><td>-15.27</td><td>42.29</td><td>-3.56</td><td>Average</td><td>123</td><td>170</td></tr><tr><td>2</td><td>2484.00</td><td>51.80</td><td>54.00</td><td>-2.20</td><td>55.45</td><td>-3.65</td><td>Average</td><td>123</td><td>170</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2389.75	38.73	54.00	-15.27	42.29	-3.56	Average	123	170	2	2484.00	51.80	54.00	-2.20	55.45	-3.65	Average	123	170
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2389.75	38.73	54.00	-15.27	42.29	-3.56	Average	123	170																								
2	2484.00	51.80	54.00	-2.20	55.45	-3.65	Average	123	170																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2462
Polarization	Vertical-Peak		
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67			
Level (dBUV/m) </			



Band Edge measurement

Appendix D

Modulation	HT20	Test Freq. (MHz)	2462																														
Polarization	Vertical-Average																																
Test By :Brad Wu- Temperature(°C):27 Humidity(%):67																																	
Level (dBuV/m) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2382.25</td><td>36.97</td><td>54.00</td><td>-17.03</td><td>40.45</td><td>-3.48</td><td>Average</td><td>232</td><td>259</td></tr><tr><td>2</td><td>2483.50</td><td>46.38</td><td>54.00</td><td>-7.62</td><td>50.03</td><td>-3.65</td><td>Average</td><td>232</td><td>259</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2382.25	36.97	54.00	-17.03	40.45	-3.48	Average	232	259	2	2483.50	46.38	54.00	-7.62	50.03	-3.65	Average	232	259
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2382.25	36.97	54.00	-17.03	40.45	-3.48	Average	232	259																								
2	2483.50	46.38	54.00	-7.62	50.03	-3.65	Average	232	259																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	

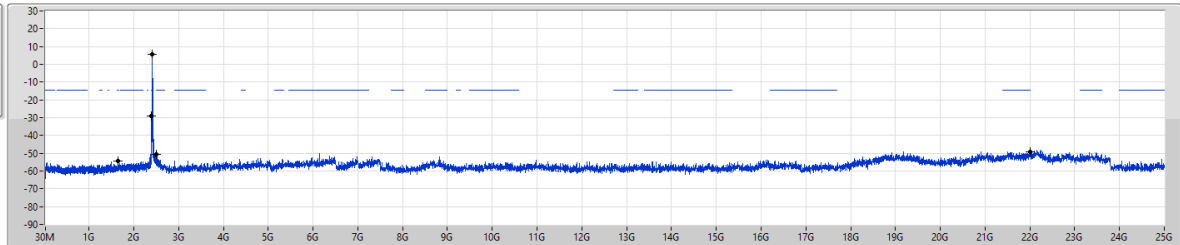


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

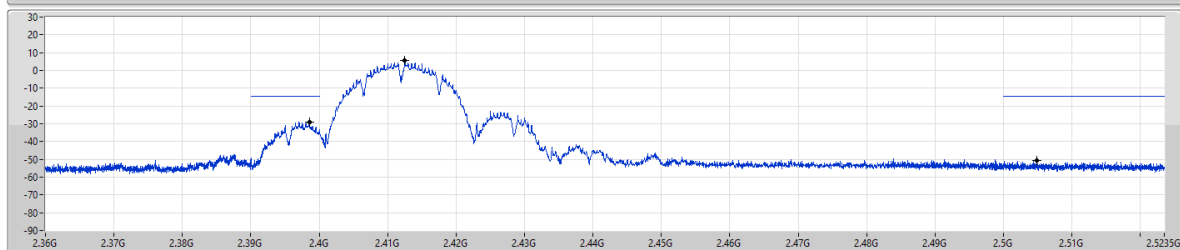
CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1



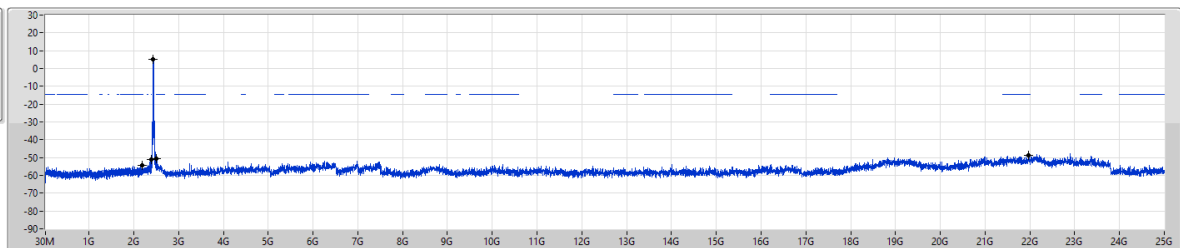
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41253G	5.43	-14.57	1.64353G	-54.33	2.39854G	-29.15	2.50484G	-50.43	22.00501G	-49.36	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

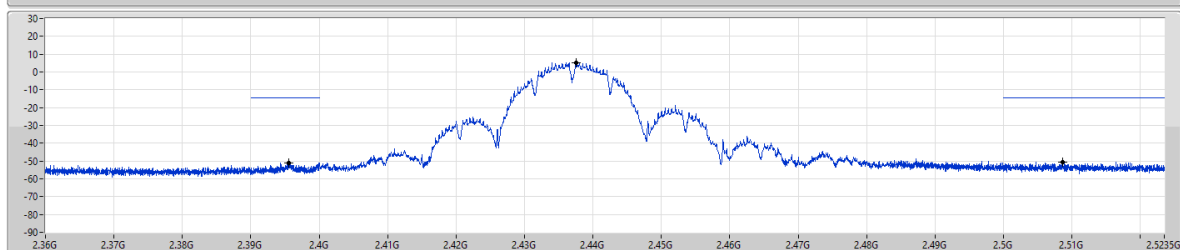
CSEndB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Port 1

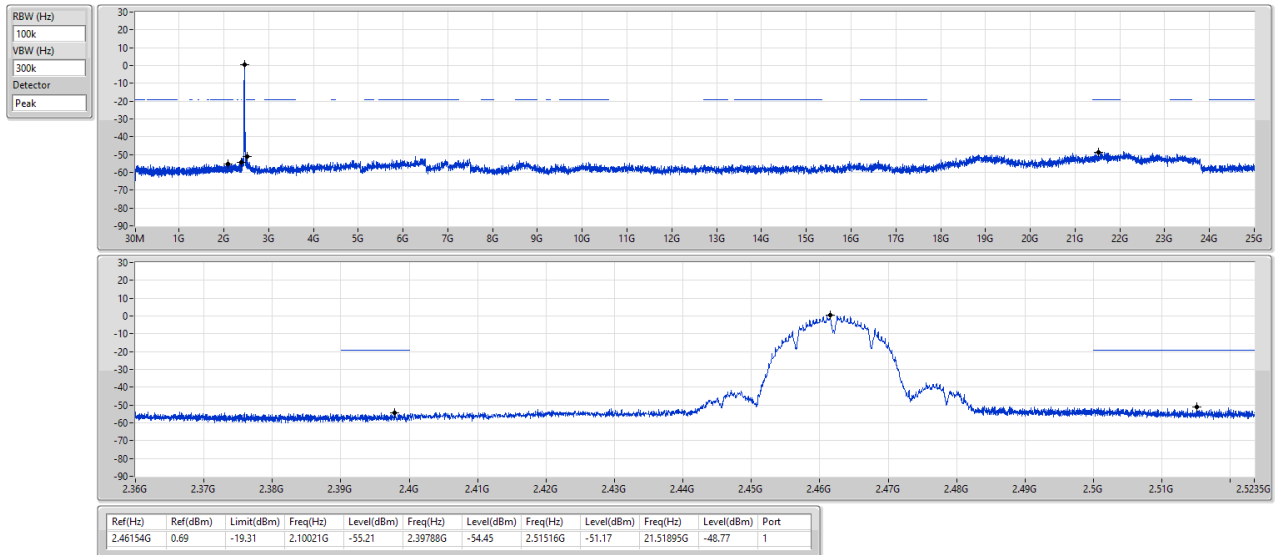


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43753G	5.31	-14.69	2.19574G	-54.26	2.3955G	-50.92	2.50866G	-50.51	21.97691G	-48.82	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

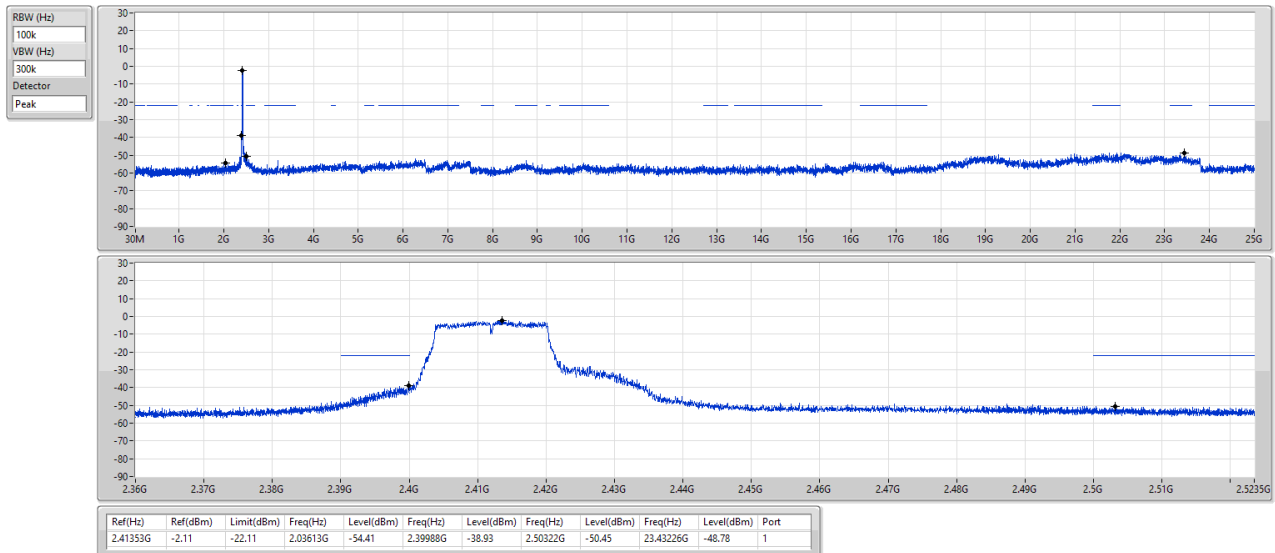
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

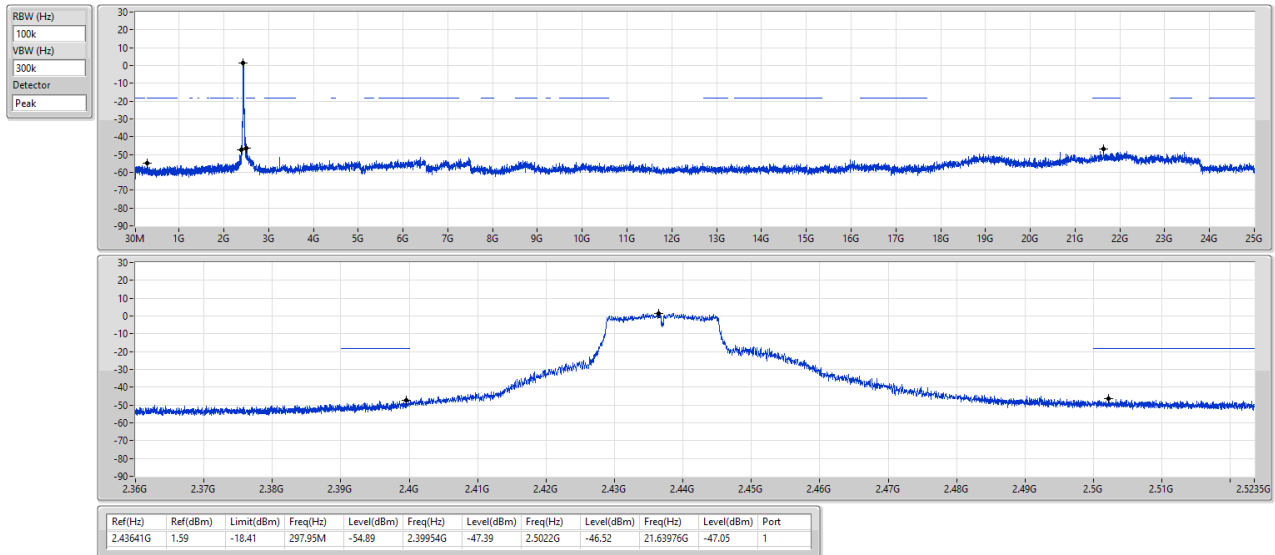




2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

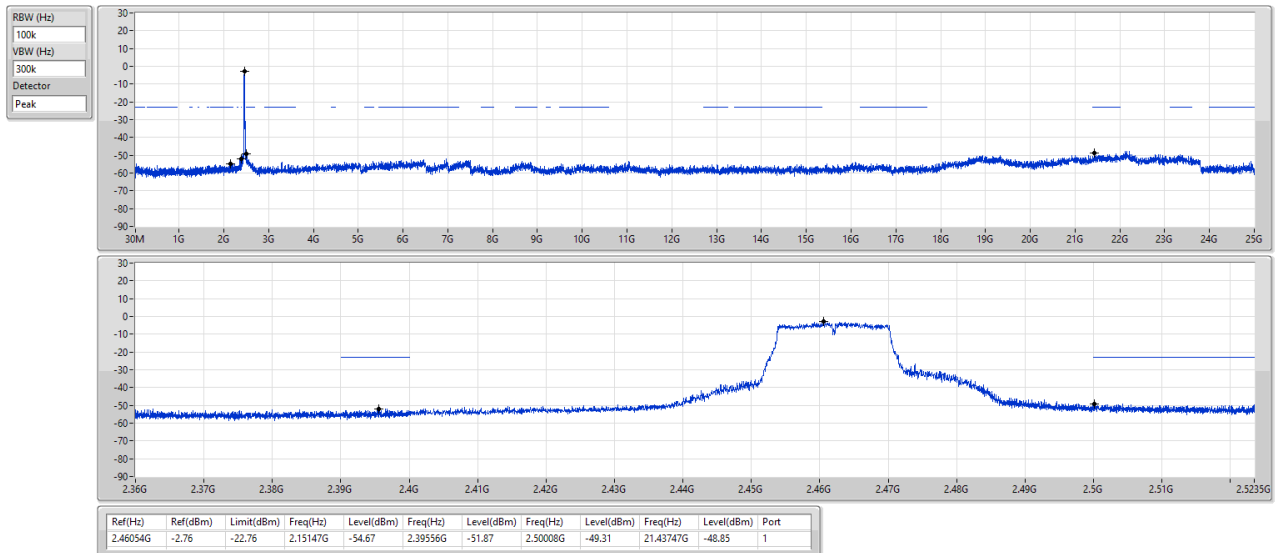
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2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2462MHz

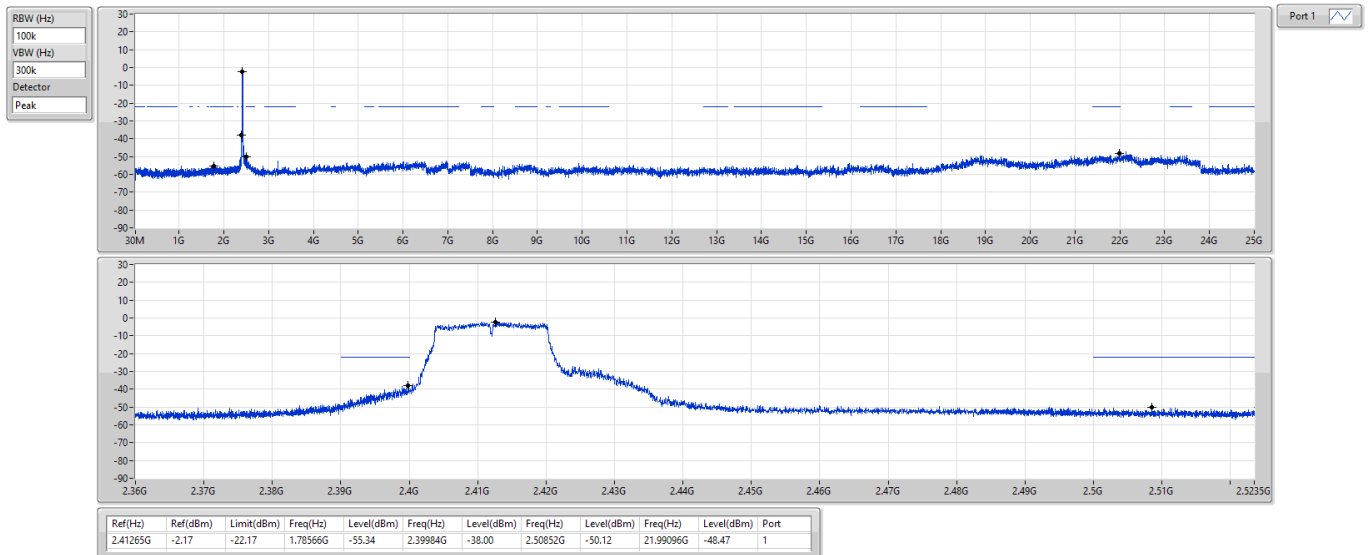




2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSEndB

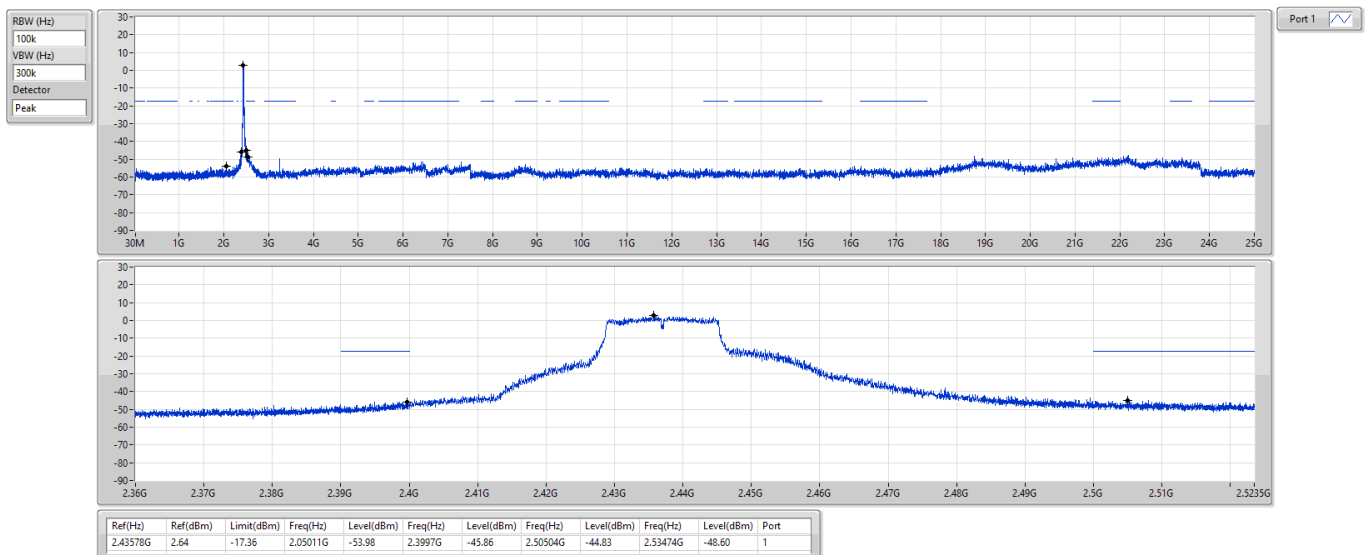
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2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSEndB

2437MHz





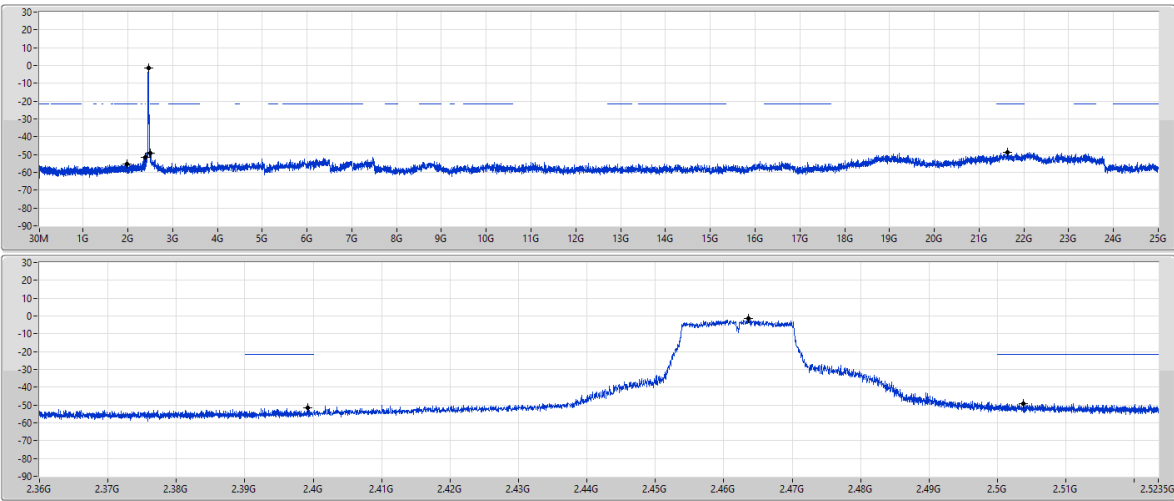
2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

CSEndB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46354G	-1.64	-21.64	1.98953G	-55.10	2.39926G	-51.39	2.50378G	-49.08	21.62853G	-48.63	1

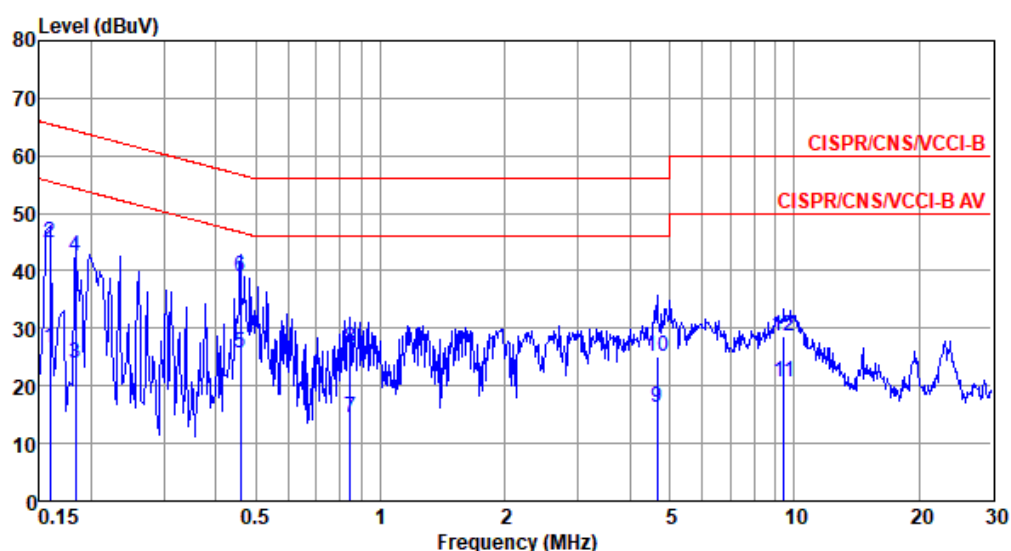


Modulation Mode	11g	Test Freq. (MHz)	2437
Power Phase	Line		

Test by : Joe Liao

Temperature: 22°C

Humidity: 64%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.159	26.57	55.52	-28.95	16.79	9.75	0.03	0.00	Average
2	0.159	44.79	65.52	-20.73	35.01	9.75	0.03	0.00	QP
3	0.183	23.87	54.33	-30.46	14.08	9.75	0.04	0.00	Average
4	0.183	42.41	64.33	-21.92	32.62	9.75	0.04	0.00	QP
5	0.459	25.72	46.71	-20.99	15.93	9.75	0.04	0.00	Average
6*	0.459	39.03	56.71	-17.68	29.24	9.75	0.04	0.00	QP
7	0.844	14.48	46.00	-31.52	4.65	9.77	0.06	0.00	Average
8	0.844	26.64	56.00	-29.36	16.81	9.77	0.06	0.00	QP
9	4.672	16.29	46.00	-29.71	6.24	9.89	0.16	0.00	Average
10	4.672	25.10	56.00	-30.90	15.05	9.89	0.16	0.00	QP
11	9.451	20.69	50.00	-29.31	10.44	10.02	0.23	0.00	Average
12	9.451	28.75	60.00	-31.25	18.50	10.02	0.23	0.00	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).

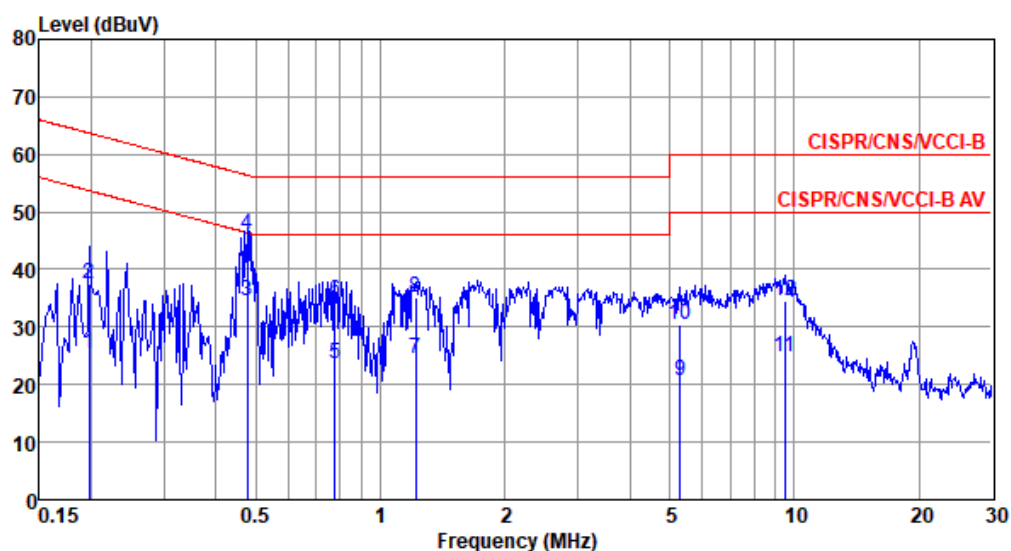


Modulation Mode	11g	Test Freq. (MHz)	2437
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 22°C

Humidity: 64%



	Freq	Level	Limit	Over	Read	Factor	Cable	Aux	Remark
	MHz	dBuV	Line	Limit	Level	dB	loss	dB	
			dBuV	dB	dBuV		dB		
1	0.198	25.28	53.71	-28.43	15.50	9.74	0.04	0.00	Average
2	0.198	37.38	63.71	-26.33	27.60	9.74	0.04	0.00	QP
3	0.476	34.58	46.41	-11.83	24.78	9.76	0.04	0.00	Average
4*	0.476	45.93	56.41	-10.48	36.13	9.76	0.04	0.00	QP
5	0.775	23.69	46.00	-22.31	13.87	9.77	0.05	0.00	Average
6	0.775	34.56	56.00	-21.44	24.74	9.77	0.05	0.00	QP
7	1.216	24.43	46.00	-21.57	14.57	9.79	0.07	0.00	Average
8	1.216	35.19	56.00	-20.81	25.33	9.79	0.07	0.00	QP
9	5.305	20.77	50.00	-29.23	10.64	9.96	0.17	0.00	Average
10	5.305	30.42	60.00	-29.58	20.29	9.96	0.17	0.00	QP
11	9.502	24.69	50.00	-25.31	14.33	10.13	0.23	0.00	Average
12	9.502	34.43	60.00	-25.57	24.07	10.13	0.23	0.00	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).