TEST REPORT

Applicant:	Shenzhen Golden Vision Technology Development Co., Ltd
Address of Applicant:	No.6 Bao Fu Road，Bao Lai industrial Park, Shang Mu Gu Villiage，Pinghu Street, Longgang District, Shenzhen City, Guangdong Province, 518000, China
Manufacturer:	Shenzhen Golden Vision Technology Development Co., Ltd
Address of Manufacturer:	No.6 Bao Fu Road，Bao Lai industrial Park, Shang Mu Gu Villiage，Pinghu Street, Longgang District, Shenzhen City, Guangdong Province, 518000, China

Equipment Under Test (EUT)

Product Name:	Smart Pet Feeder
Model No.:	BL6
Add. Model No.:	BL7, BL4, BL3, WF
Trade Mark:	N/A
FCC ID:	2APD7-BL6
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247
Date of sample receipt:	2020-03-09
Date of Test:	2020-03-10 to 2020-03-19
Date of report issued:	2020-03-19
Test Result :	PASS *

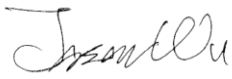
* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Robinson Lo
Laboratory Manager

2 Version

Version No.	Date	Description
00	*2020-03-19*	*Original*

Prepared By:  ***Date:*** *2019-03-19*

Project Engineer

Check By:  ***Date:*** *2019-03-19*

Reviewer

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4 Test Summary

Test Item	Section	Result
Antenna requirement	FCC part 15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	FCC part 15.207	Pass
Conducted Peak Output Power	FCC part 15.247 (b)(3)	Pass
Channel Bandwidth & 99% OCB	FCC part 15.247 (a)(2)	Pass
Power Spectral Density	FCC part 15.247 (e)	Pass
Band Edge	FCC part 15.247(d)	Pass
Spurious Emission	FCC part 15.205/15.209	Pass

Remark: Test according to ANSI C63.10:2013 and RSS-Gen

Pass: The EUT complies with the essential requirements in the standard.

Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	30MHz-200MHz	3.8039dB	(1)
Radiated Emission	200MHz-1GHz	3.9679dB	(1)
Radiated Emission	1GHz-18GHz	4.29dB	(1)
Radiated Emission	18GHz-40GHz	3.30dB	(1)
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	3.44dB	(1)
Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.			

5 General Information

5.1 General Description of EUT

Product Name:	Smart Pet Feeder
Model No.:	BL6
Add. Model No.:	BL7, BL4, BL3, WF
Hardware Version:	V1.0
Software Version:	V1.0
Test sample(s) ID:	GTS202003000215-1
Sample(s) Status:	Engineer sample
Sample(s) Status:	Engineer sample
Channel numbers:	802.11b/802.11g /802.11n(HT20): 11 802.11n(HT40):7
Channel separation:	5MHz
Modulation technology:	802.11b: Direct Sequence Spread Spectrum (DSSS) 802.11g/802.11n(H20)/802.11n(HT40): Orthogonal Frequency Division Multiplexing (OFDM)
Antenna Type:	FPC Antenna
Antenna gain:	3.5dBi
Power supply:	Input: AC 120V/60Hz
Note: The additional model BL7, BL4, BL3, WF is identical with the test model BL6 except the model number for marketing purpose.	

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

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Test channel	**Frequency (MHz)**	
	802.11b/802.11g/802.11n(HT20)	802.11n(HT40)
Lowest channel	2412MHz	2422MHz
Middle channel	2437MHz	2437MHz
Highest channel	2462MHz	2452MHz

5.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode

Remark: During the test, the dutycycle >98%, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:

Pre-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.

Mode	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)
Data rate	1Mbps	6Mbps	6.5Mbps	13Mbps

5.3 Description of Support Units

None.

5.4 Deviation from Standards

None.

5.5 Abnormalities from Standard Conditions

None.

5.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

● **FCC —Registration No.: 381383**

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 381383.

● **IC —Registration No.: 9079A**

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A

● **NVLAP (LAB CODE:600179-0)**

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). LAB CODE:600179-0

5.7 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.
Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102
Tel: 0755-27798480
Fax: 0755-27798960

5.8 Additional Instructions

Test Software Version	Realtek 11n 8188F USB WLAN MP Diagnostic Program 1.25.20170609
Power Setting	Power Setting: not applicable, test used software default power level.

6 Test Instruments list

Radiated Emission:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July. 03 2015	July. 02 2020
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June. 26 2019	June. 25 2020
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 26 2019	June. 25 2020
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 26 2019	June. 25 2020
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 26 2019	June. 25 2020
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
8	Coaxial Cable	GTS	N/A	GTS213	June. 26 2019	June. 25 2020
9	Coaxial Cable	GTS	N/A	GTS211	June. 26 2019	June. 25 2020
10	Coaxial cable	GTS	N/A	GTS210	June. 26 2019	June. 25 2020
11	Coaxial Cable	GTS	N/A	GTS212	June. 26 2019	June. 25 2020
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 26 2019	June. 25 2020
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 26 2019	June. 25 2020
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 26 2019	June. 25 2020
15	Band filter	Amindeon	82346	GTS219	June. 26 2019	June. 25 2020
16	Power Meter	Anritsu	ML2495A	GTS540	June. 26 2019	June. 25 2020
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 26 2019	June. 25 2020
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 26 2019	June. 25 2020
19	Splitter	Agilent	11636B	GTS237	June. 26 2019	June. 25 2020
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 26 2019	June. 25 2020
21	Breitband hornantenne	SCHWARZBECK	BBHA 9170	GTS579	Oct. 19 2019	Oct. 18 2020
22	Amplifier	TDK	PA-02-02	GTS574	Oct. 19 2019	Oct. 18 2020
23	Amplifier	TDK	PA-02-03	GTS576	Oct. 19 2019	Oct. 18 2020
24	PSA Series Spectrum Analyzer	Rohde & Schwarz	FSP	GTS578	June. 26 2019	June. 25 2020

Conducted Emission						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	May.15 2019	May.14 2022
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 26 2019	June. 25 2020
3	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June. 26 2019	June. 25 2020
4	Artificial Mains Network	SCHWARZBECK MESS	NSLK8127	GTS226	June. 26 2019	June. 25 2020
5	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A
6	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
7	Thermo meter	KTJ	TA328	GTS233	June. 26 2019	June. 25 2020
8	Absorbing clamp	Elektronik-Feinmechanik	MDS21	GTS229	June. 26 2019	June. 25 2020
9	ISN	SCHWARZBECK	NTFM 8158	GTD565	June. 26 2019	June. 25 2020

RF Conducted Test:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	June. 26 2019	June. 25 2020
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 26 2019	June. 25 2020
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June. 26 2019	June. 25 2020
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	June. 26 2019	June. 25 2020
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	June. 26 2019	June. 25 2020
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	June. 26 2019	June. 25 2020
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	June. 26 2019	June. 25 2020
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	June. 26 2019	June. 25 2020

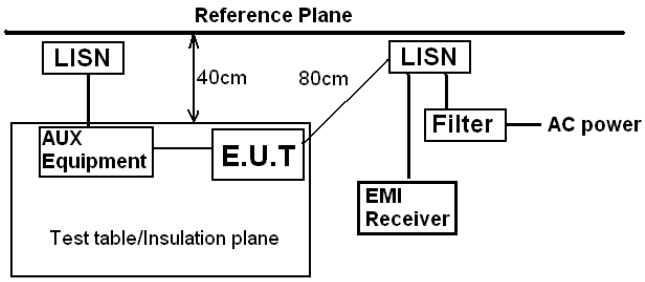
General used equipment:						
Item	**Test Equipment**	**Manufacturer**	**Model No.**	**Inventory No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
1	Humidity/ Temperature Indicator	KTJ	TA328	GTS243	June. 26 2019	June. 25 2020
2	Barometer	ChangChun	DYM3	GTS255	June. 26 2019	June. 25 2020

7 Test results and Measurement Data

7.1 Antenna requirement

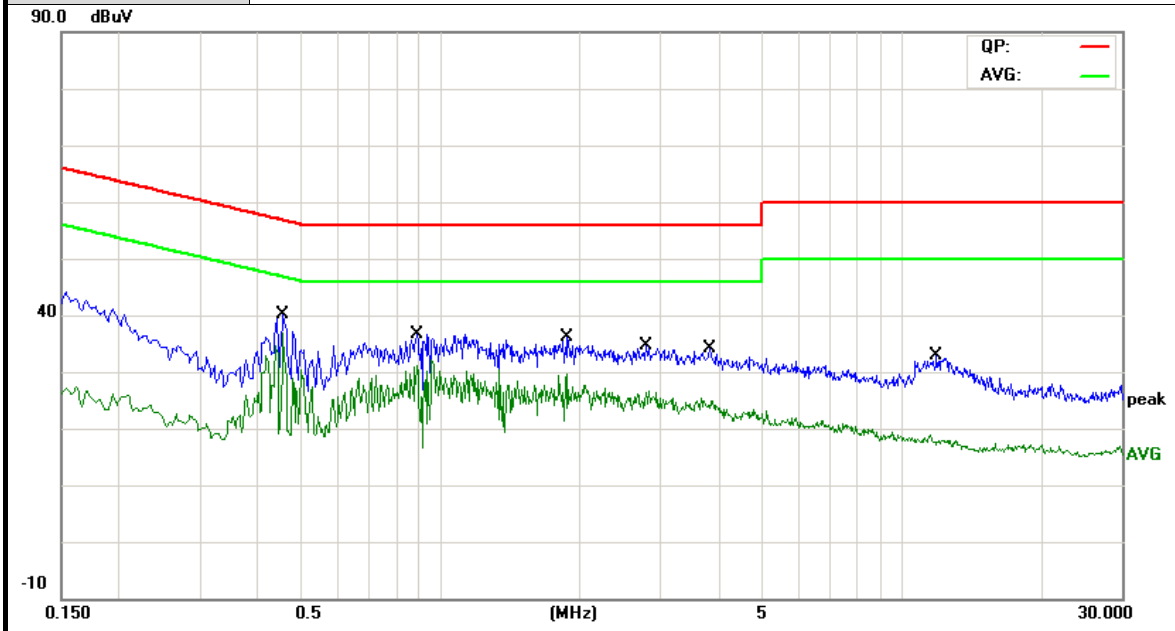
Standard requirement:	FCC Part15 C Section 15.203 /247(c)
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. **15.247(c) (1)(i) requirement:** (i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.	
EUT Antenna:	
The antennas are FPC antenna, the best case gain of the antennas are 3.5dBi, reference to the appendix II for details	

7.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207
Test Method:	ANSI C63.10:2013
Test Frequency Range:	150KHz to 30MHz
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto
Limit:	Frequency range (MHz) / Limit (dBuV): Quasi-peak / Average 0.15-0.5: 66 to 56* / 56 to 46* 0.5-5: 56 / 46 5-30: 60 / 50 * Decreases with the logarithm of the frequency.
Test setup:	 *Remark:* *E.U.T: Equipment Under Test* *LISN: Line Impedence Stabilization Network* *Test table height=0.8m*
Test procedure:	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test environment:	Temp.: 20.2 °C / Humid.: 45% / Press.: 1010mbar
Test voltage:	AC 120V, 60Hz
Test results:	Pass

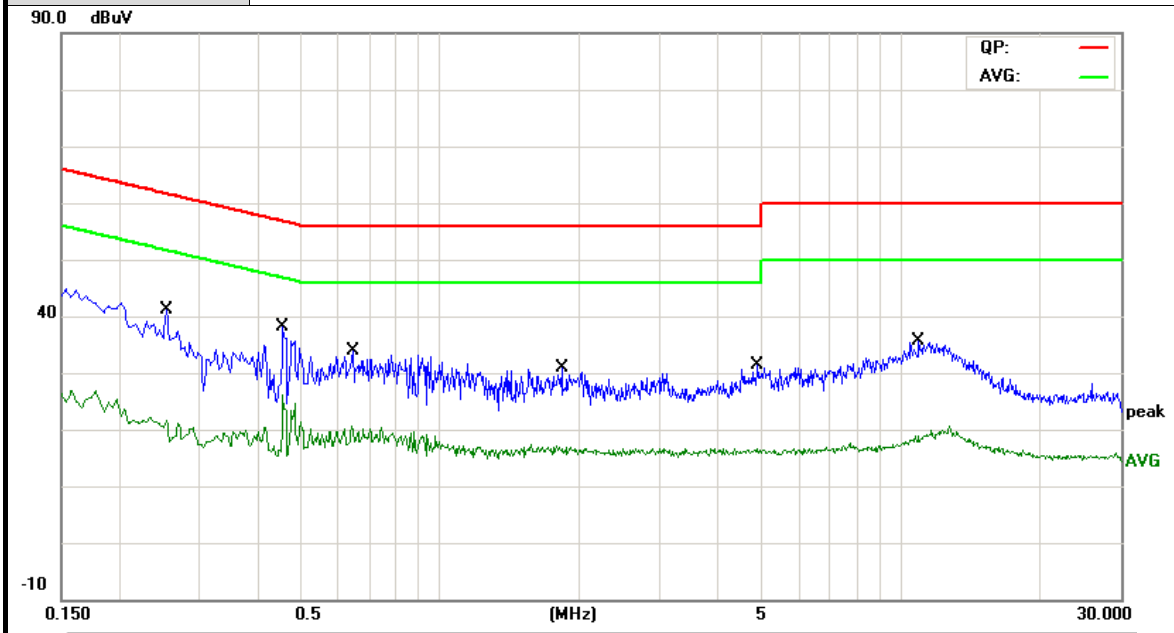
Measurement data

Terminal:	Line
Test Mode:	Normal working
Remark:	Only worse case is reported



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.4540	29.49	9.90	39.39	56.80	-17.41	QP
2	*	0.4540	19.90	9.90	29.80	46.80	-17.00	AVG
3		0.8860	25.38	9.26	34.64	56.00	-21.36	QP
4		0.8860	17.50	9.26	26.76	46.00	-19.24	AVG
5		1.8820	23.19	9.85	33.04	56.00	-22.96	QP
6		1.8820	16.19	9.85	26.04	46.00	-19.96	AVG
7		2.7860	22.12	9.84	31.96	56.00	-24.04	QP
8		2.7860	15.40	9.84	25.24	46.00	-20.76	AVG
9		3.8260	19.08	9.84	28.92	56.00	-27.08	QP
10		3.8260	14.83	9.84	24.67	46.00	-21.33	AVG
11		11.9020	17.20	9.82	27.02	60.00	-32.98	QP
12		11.9020	7.77	9.82	17.59	50.00	-32.41	AVG

Terminal:	Neutral
Test Mode:	Normal working
Remark:	Only worse case is reported

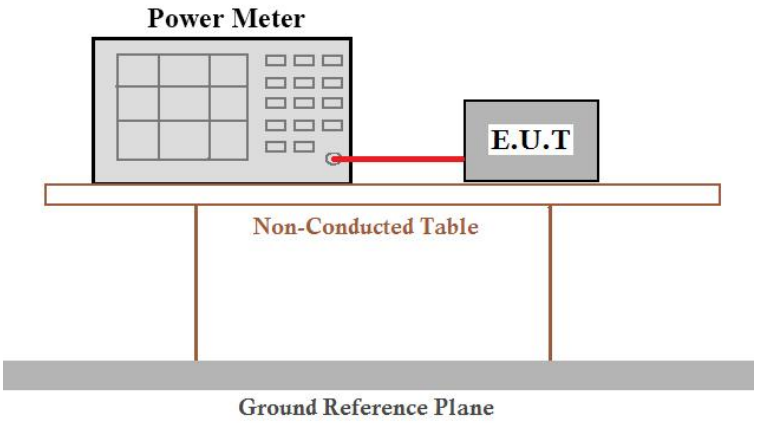


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.2540	26.07	9.69	35.76	61.62	-25.86	QP
2		0.2540	10.04	9.69	19.73	51.62	-31.89	AVG
3	*	0.4540	23.75	9.77	33.52	56.80	-23.28	QP
4		0.4540	9.16	9.77	18.93	46.80	-27.87	AVG
5		0.6460	19.24	9.77	29.01	56.00	-26.99	QP
6		0.6460	7.82	9.77	17.59	46.00	-28.41	AVG
7		1.8380	11.51	9.85	21.36	56.00	-34.64	QP
8		1.8380	1.57	9.85	11.42	46.00	-34.58	AVG
9		4.8940	11.11	9.82	20.93	56.00	-35.07	QP
10		4.8940	1.28	9.82	11.10	46.00	-34.90	AVG
11		10.9500	18.33	9.86	28.19	60.00	-31.81	QP
12		10.9500	5.71	9.86	15.57	50.00	-34.43	AVG

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Emission Level= Read Level+ Correct Factor
4. *If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.*

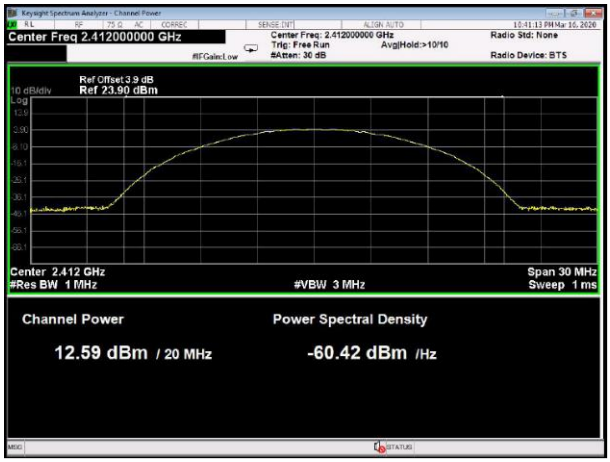
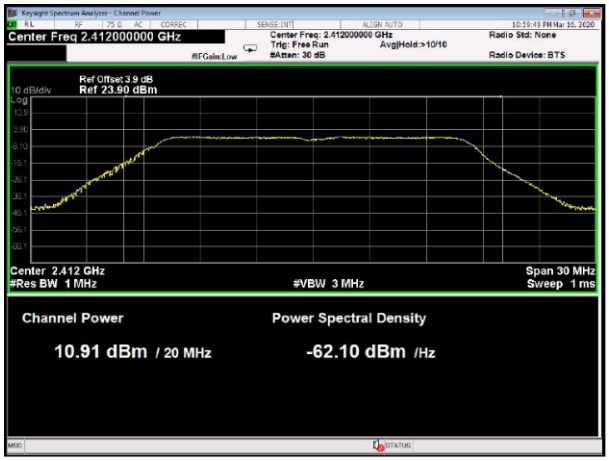
7.3 Conducted Peak Output Power

Test Requirement :	FCC Part15 C Section 15.247 (b)(3)
Test Method :	KDB558074 D01 DTS Meas Guidance V05or02
Limit:	30dBm
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

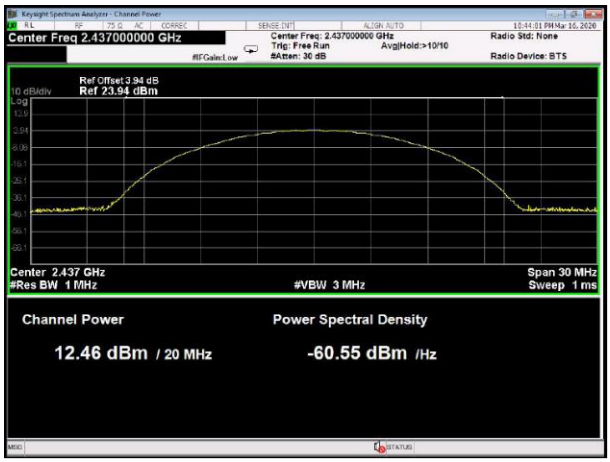
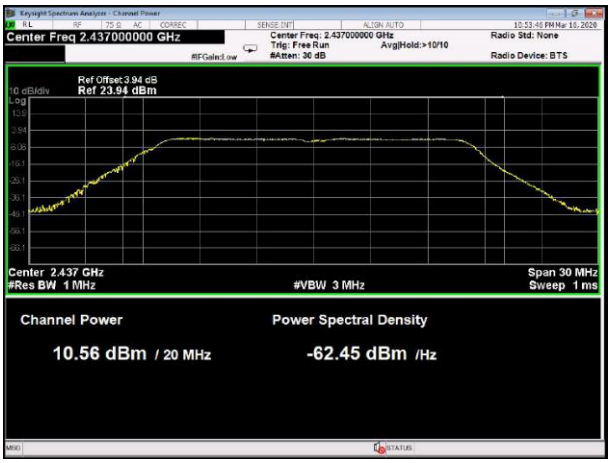
Measurement Data

Test CH	Peak Output Power (dBm)				Limit(dBm)	Result
	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)		
Lowest	12.59	10.91	11.00	10.83	30.00	Pass
Middle	12.46	10.56	10.79	10.87		
Highest	12.01	10.06	10.25	10.36		

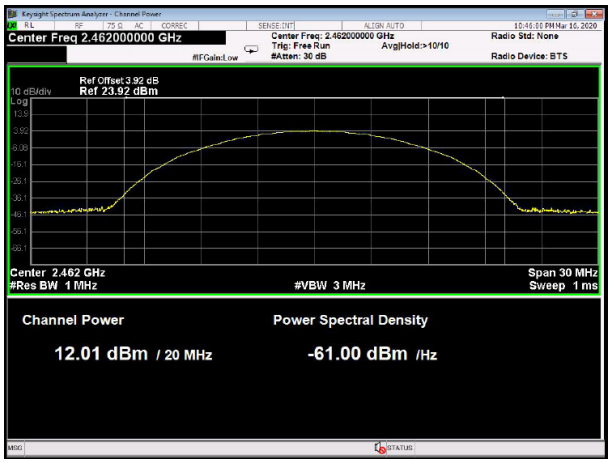
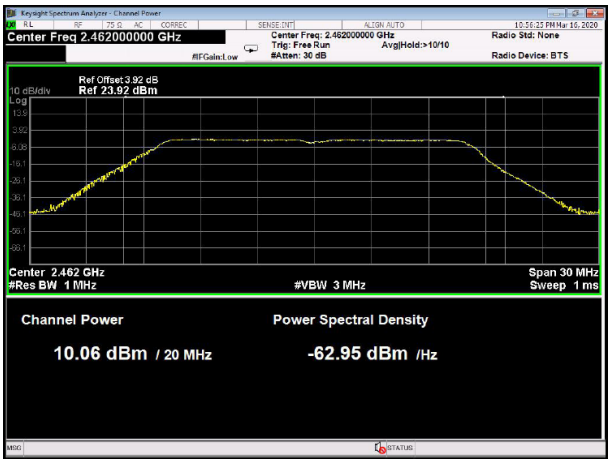
Test plot as follows:

802.11b	802.11g
	

Lowest channel

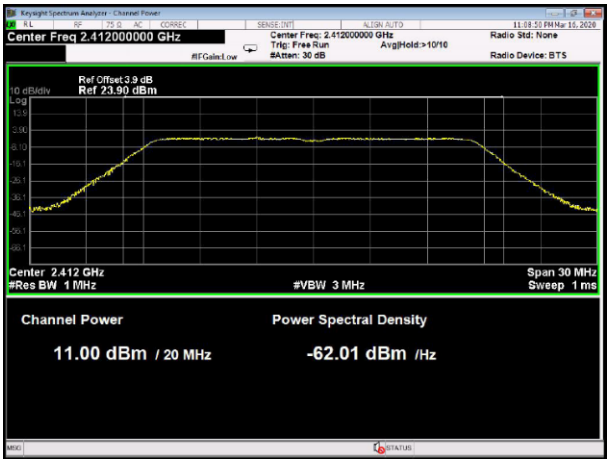
	

Middle channel

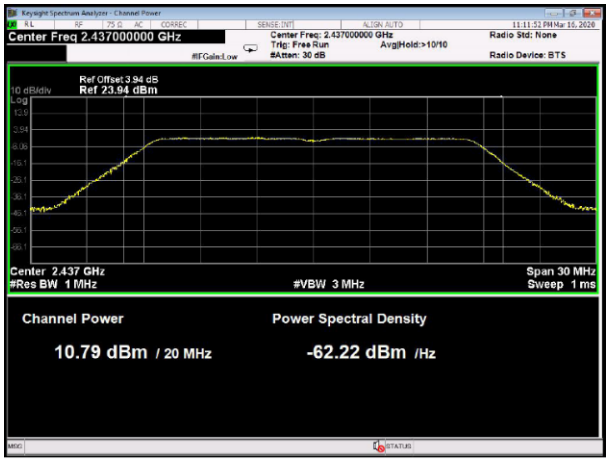
	

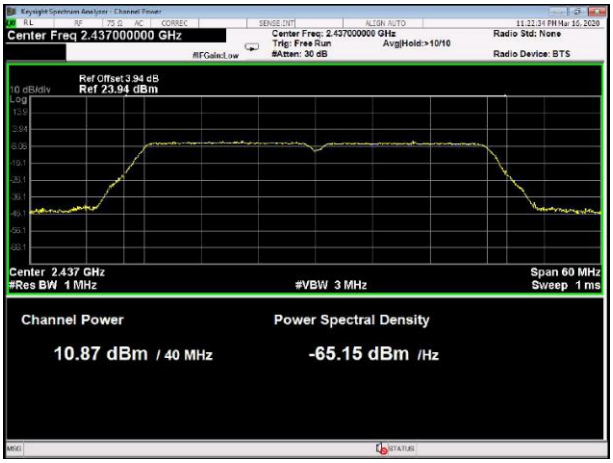
Highest channel

802.11n(HT20)		802.11n(HT40)	

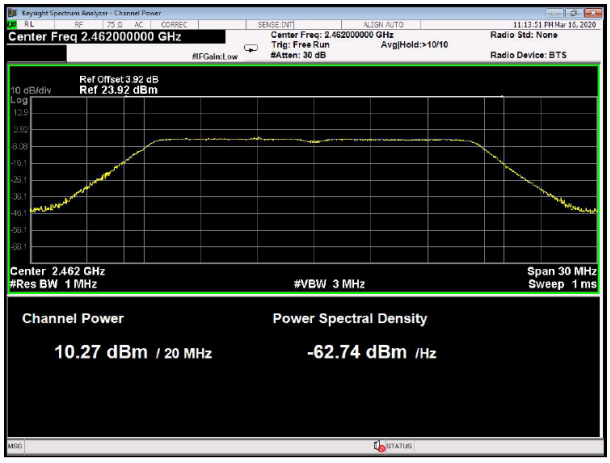


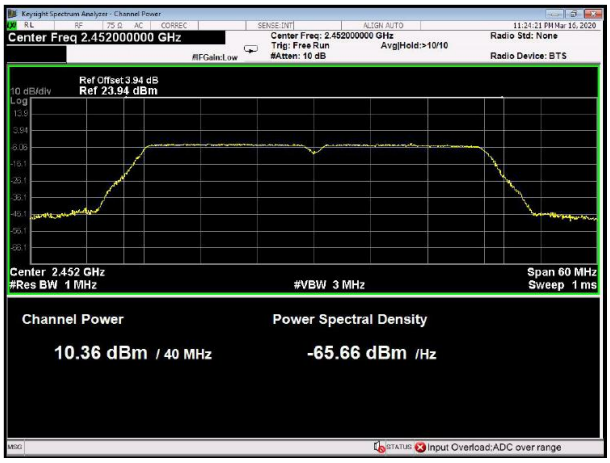
Lowest channel





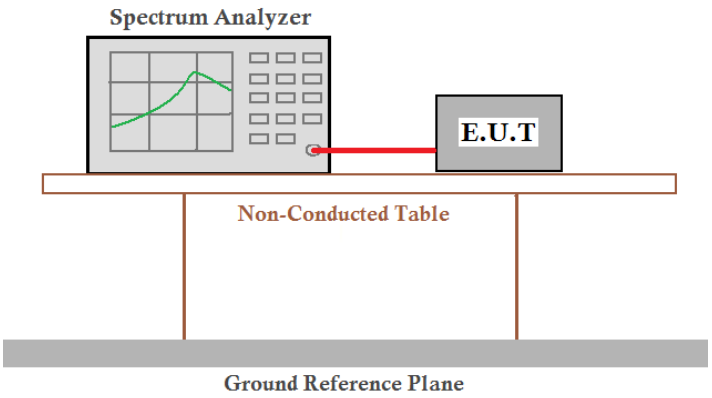
Middle channel





Highest channel

7.4 Channel Bandwidth & 99% Occupy Bandwidth

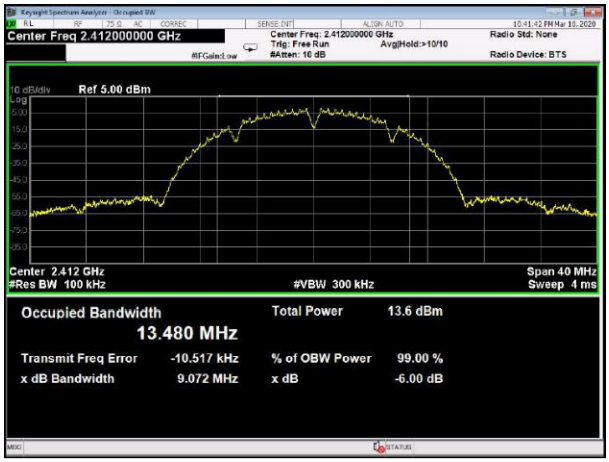
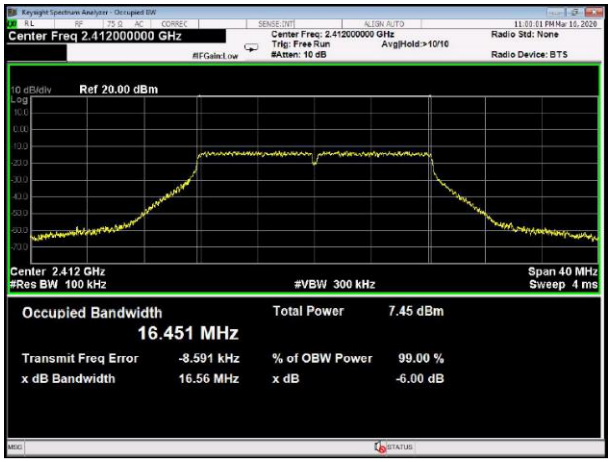
Test Requirement :	FCC Part15 C Section 15.247 (a)(2)
Test Method :	KDB558074 D01 DTS Meas Guidance V05or02
Limit:	>500KHz
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement Data

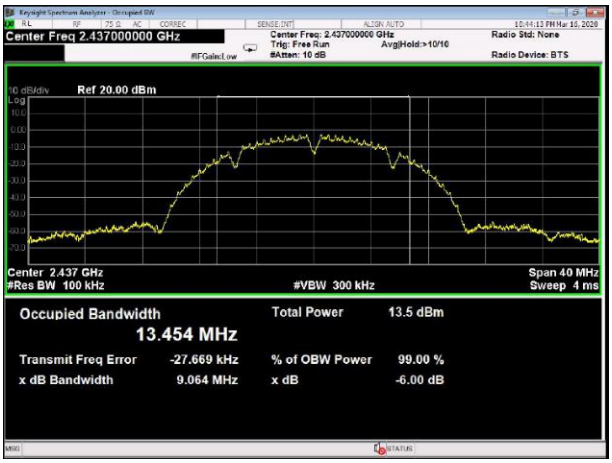
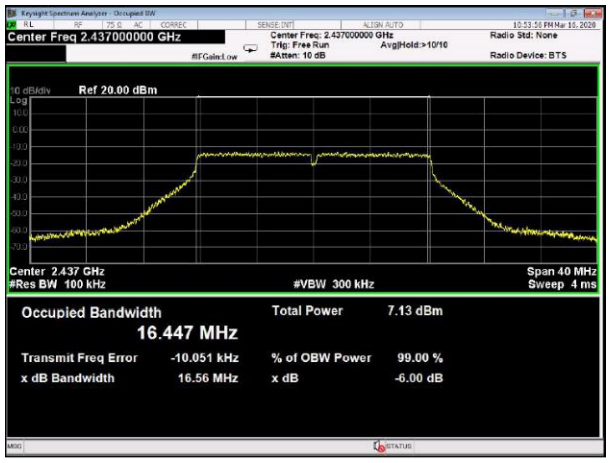
Test CH	Channel Bandwidth (MHz)				Limit(KHz)	Result
	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)		
Lowest	9.072	16.565	17.769	36.487	>500	Pass
Middle	9.064	16.558	17.717	36.478		
Highest	9.067	16.558	17.725	36.474		

Test CH	99% Occupy Bandwidth (MHz)				Result
	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)	
Lowest	13.480	16.451	17.643	36.104	Pass
Middle	13.454	16.447	17.636	36.102	
Highest	13.383	16.438	17.630	36.085	

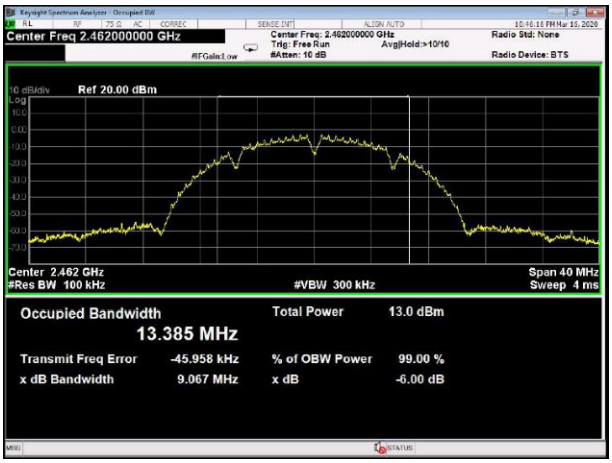
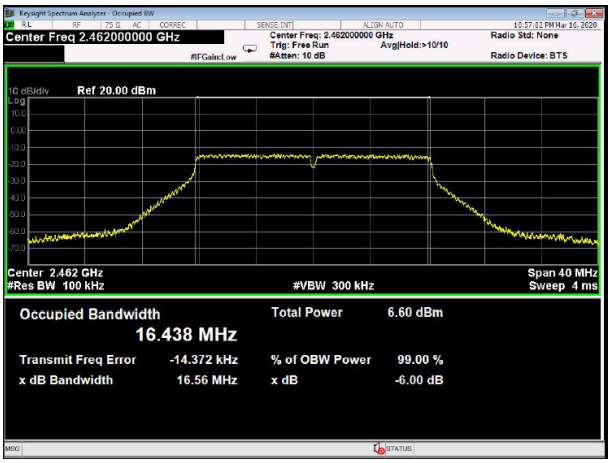
Test plot as follows:

802.11b	802.11g
	

Lowest channel

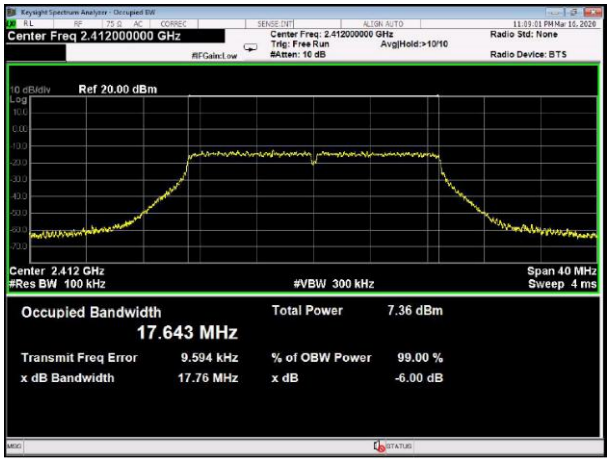
	

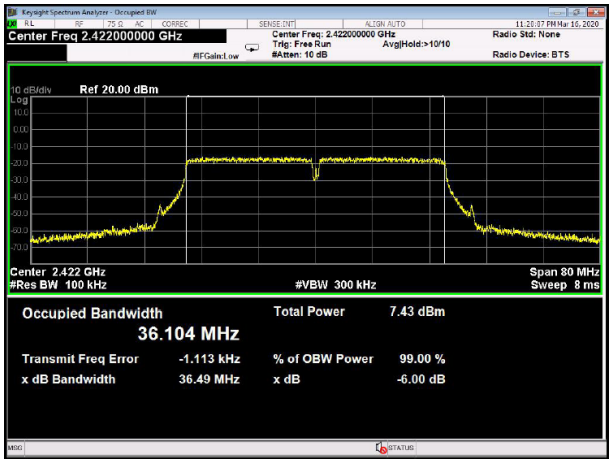
Middle channel

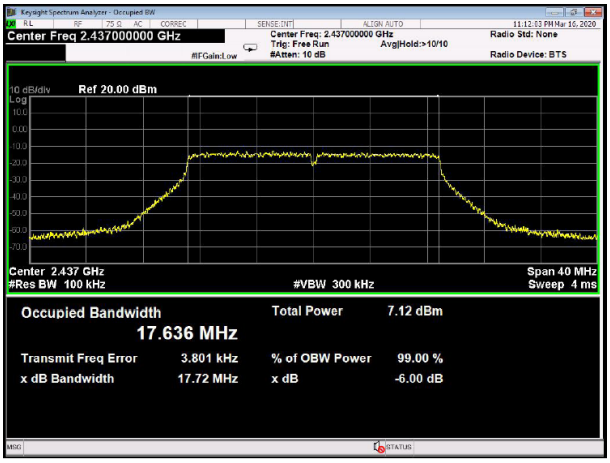
Highest channel

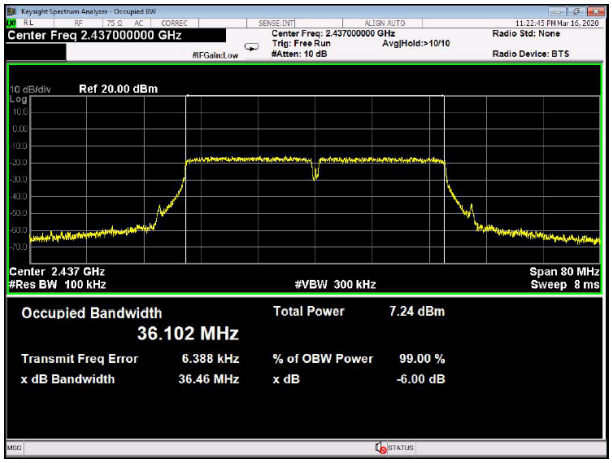
802.11n(HT20)		802.11n(HT40)	



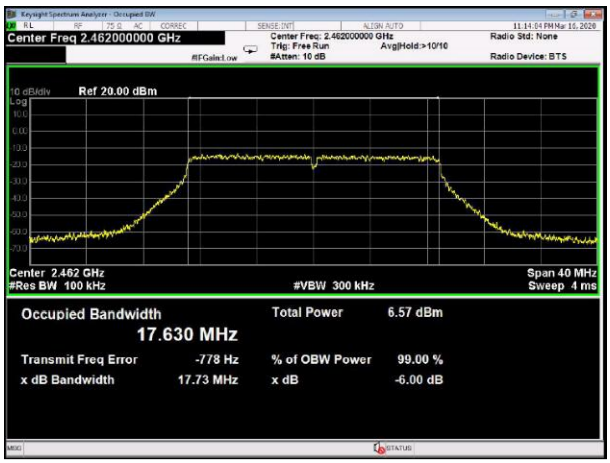


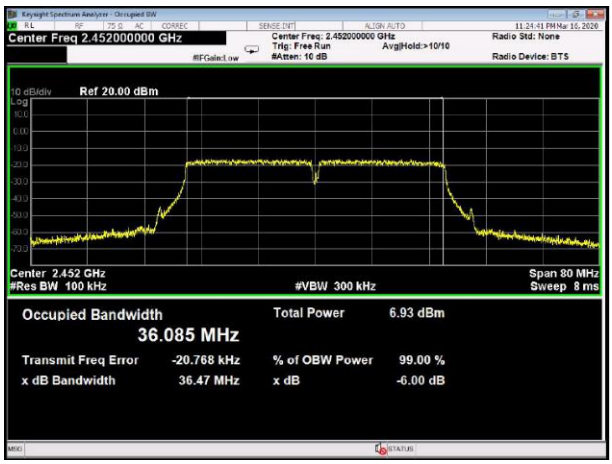
Lowest channel





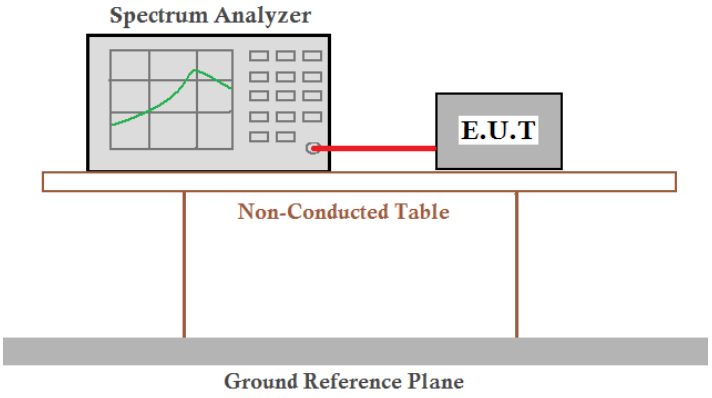
Middle channel





Highest channel

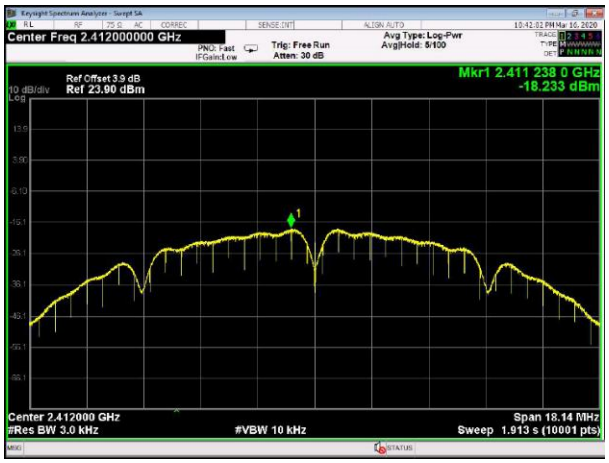
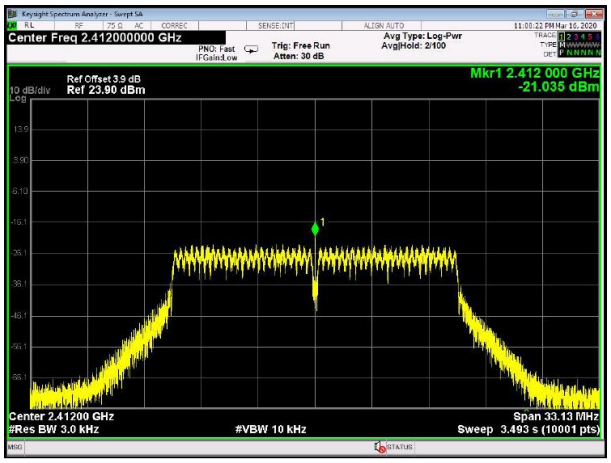
7.5 Power Spectral Density

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB558074 D01 DTS Meas Guidance V05or02
Limit:	8dBm/3kHz
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

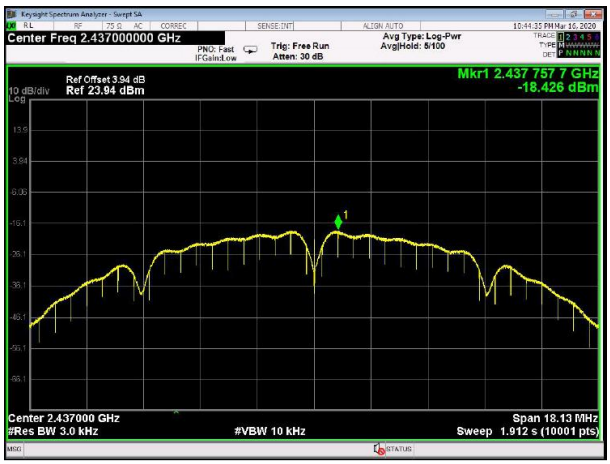
Measurement Data

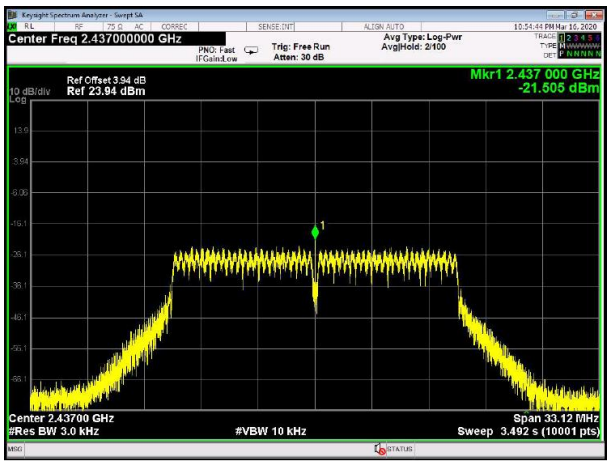
Test CH	Power Spectral Density (dBm/3kHz)				Limit (dBm/3kHz)	Result
	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)		
Lowest	-18.233	-21.035	-21.147	-20.736	8.00	Pass
Middle	-18.426	-21.505	-21.315	-20.934		
Highest	-18.816	-21.516	-21.827	-22.500		

Test plot as follows:

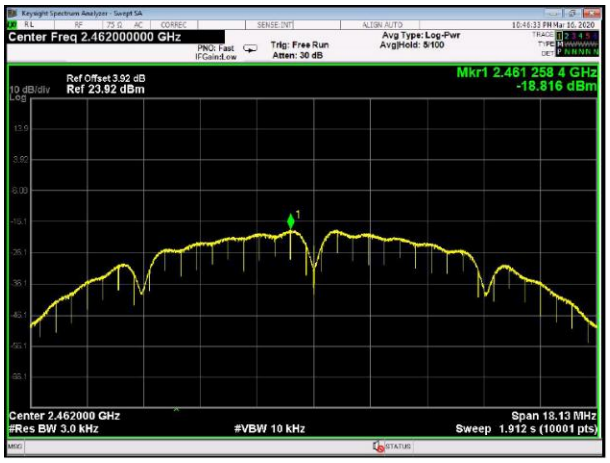
802.11b	802.11g
	

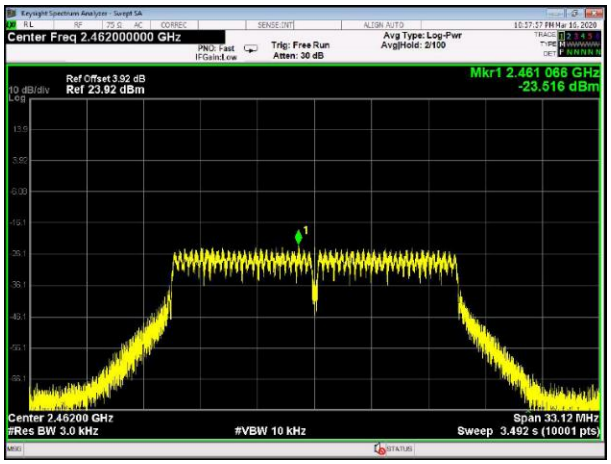
Lowest channel





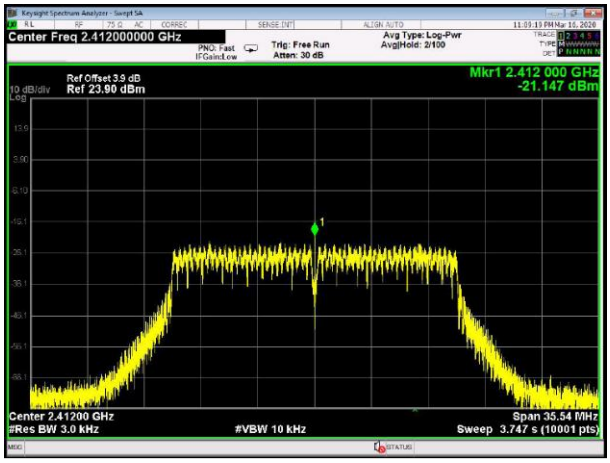
Middle channel

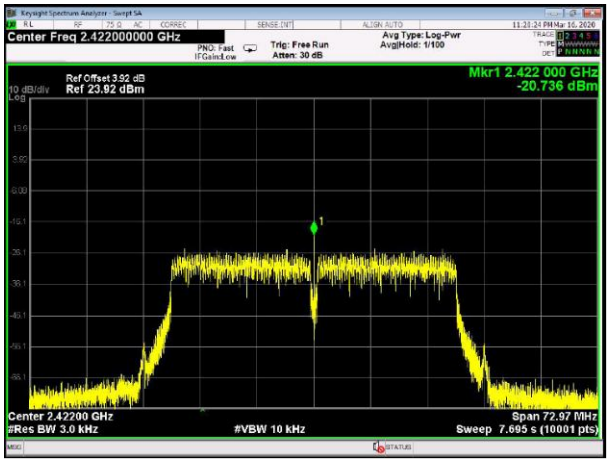




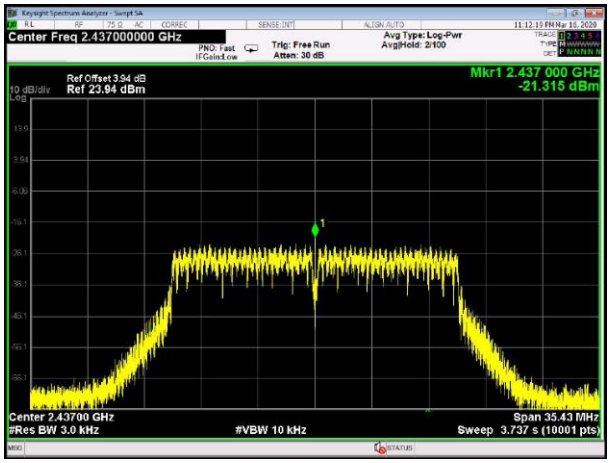
Highest channel

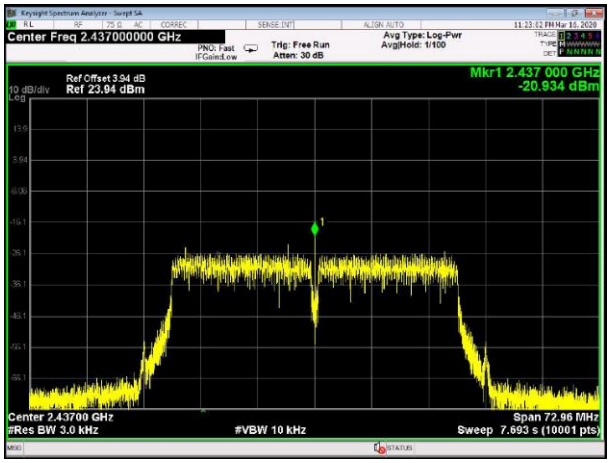
802.11n(HT20)		802.11n(HT40)	



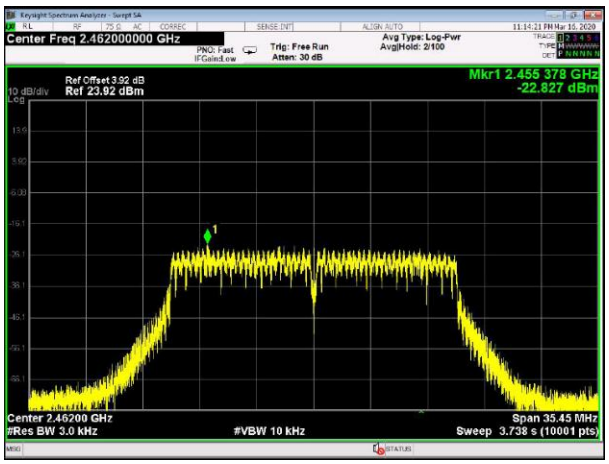


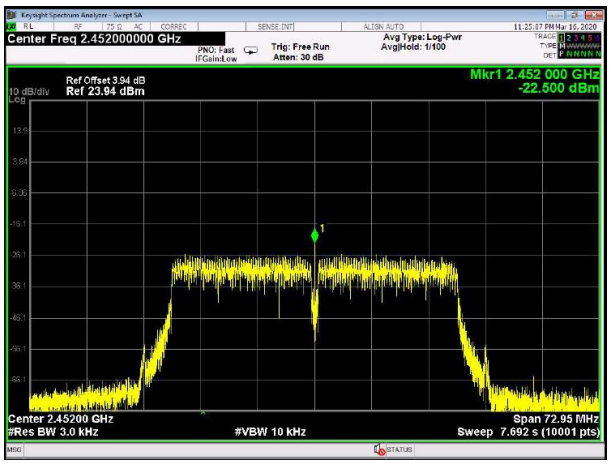
Lowest channel





Middle channel

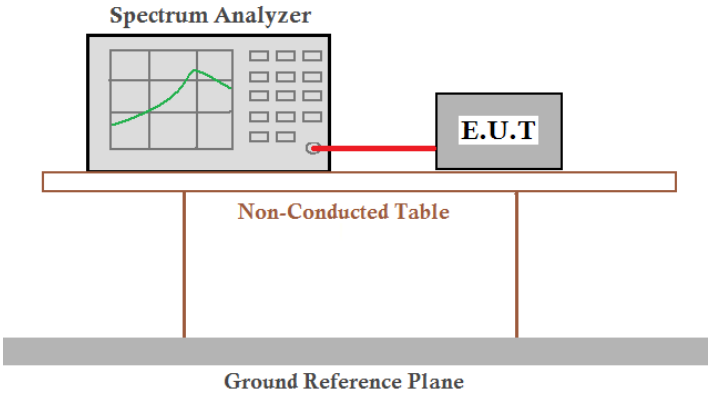




Highest channel

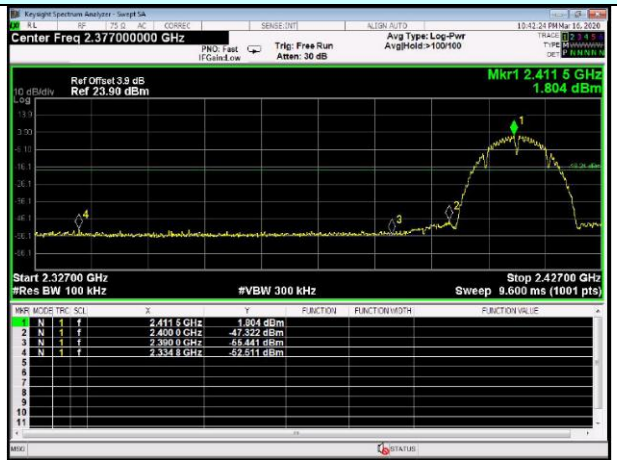
7.6 Band edges

7.6.1 Conducted Emission Method

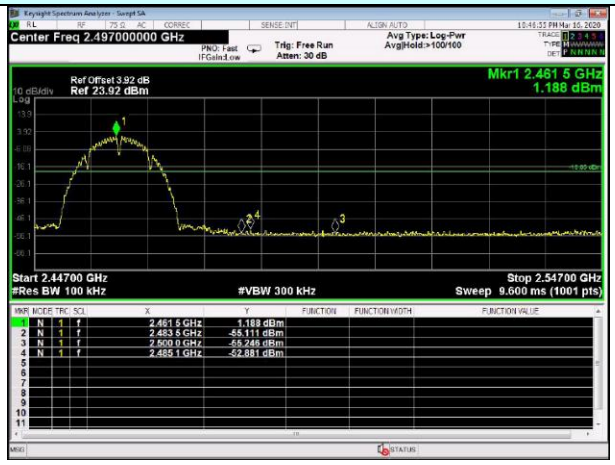
Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB558074 D01 DTS Meas Guidance V05or02
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Test plot as follows:

Test mode:	802.11b

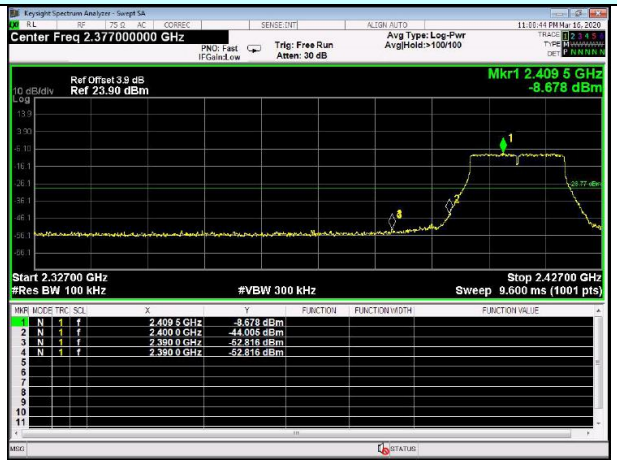


Lowest channel

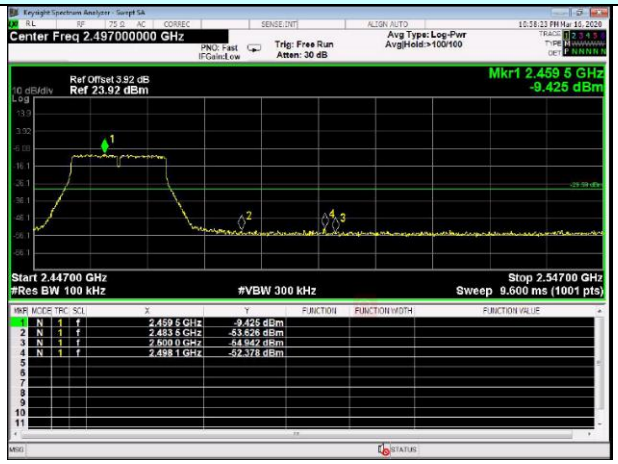


Highest channel

Test mode:	802.11g

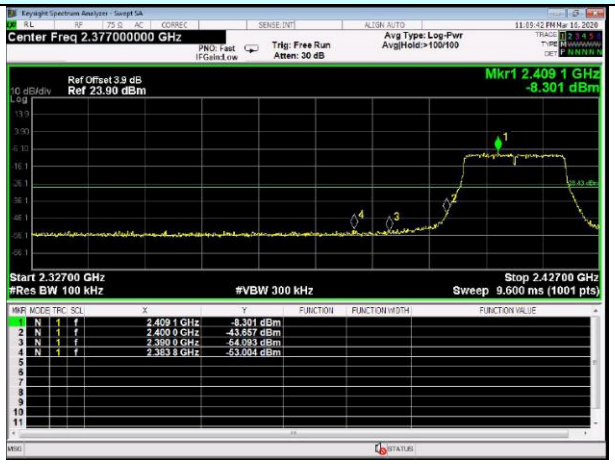


Lowest channel

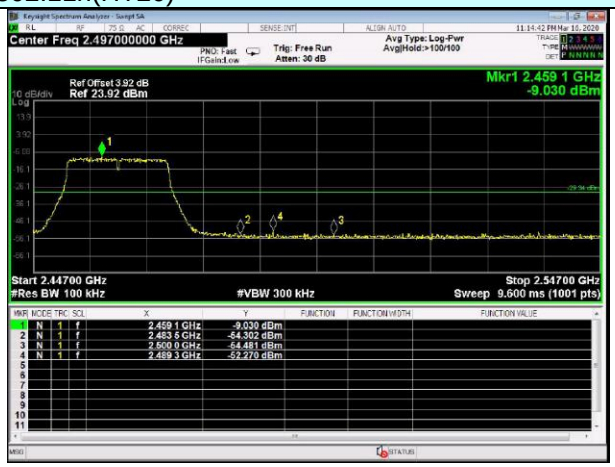


Highest channel

Test mode:	802.11n(HT20)

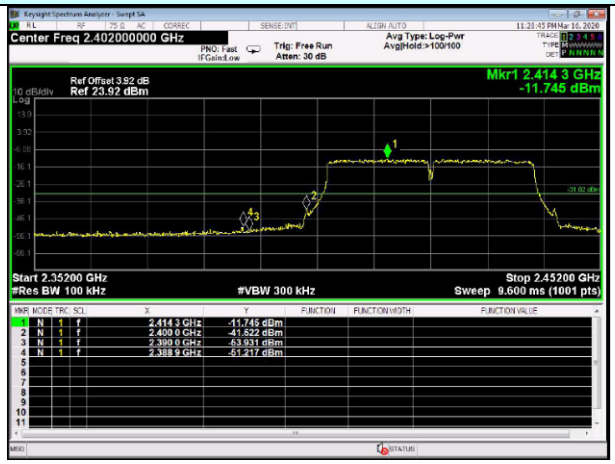


Lowest channel

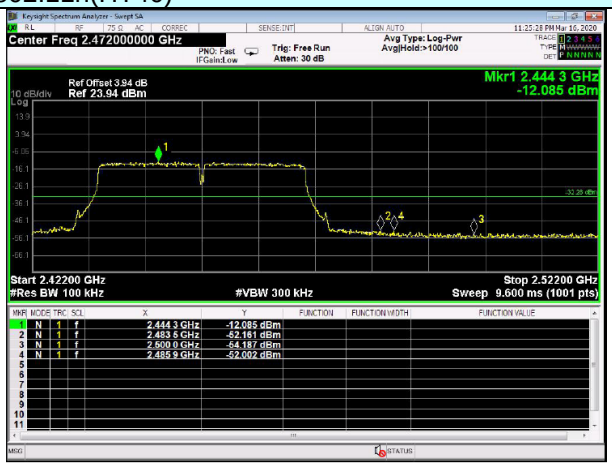


Highest channel

Test mode:	802.11n(HT40)



Lowest channel



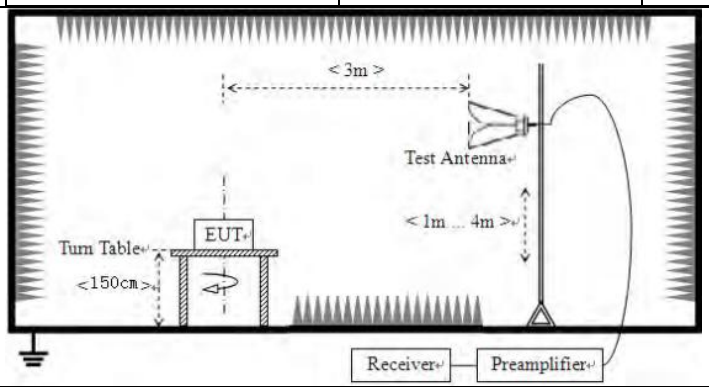
Highest channel

7.6.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209 and 15.20
Test Method:	ANSI C63.10: 2013
Test Frequency Range:	All of the restrict bands were tested, only the worst band's (2310MHz to 2500MHz) data was showed.
Test site:	Measurement Distance: 3m
Receiver setup:	
Limit:	
Test setup:	
Test Procedure:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Frequency	Detector	RBW	VBW	Value
Above 1GHz	Peak	1MHz	3MHz	Peak
	Average	1MHz	3MHz	Average

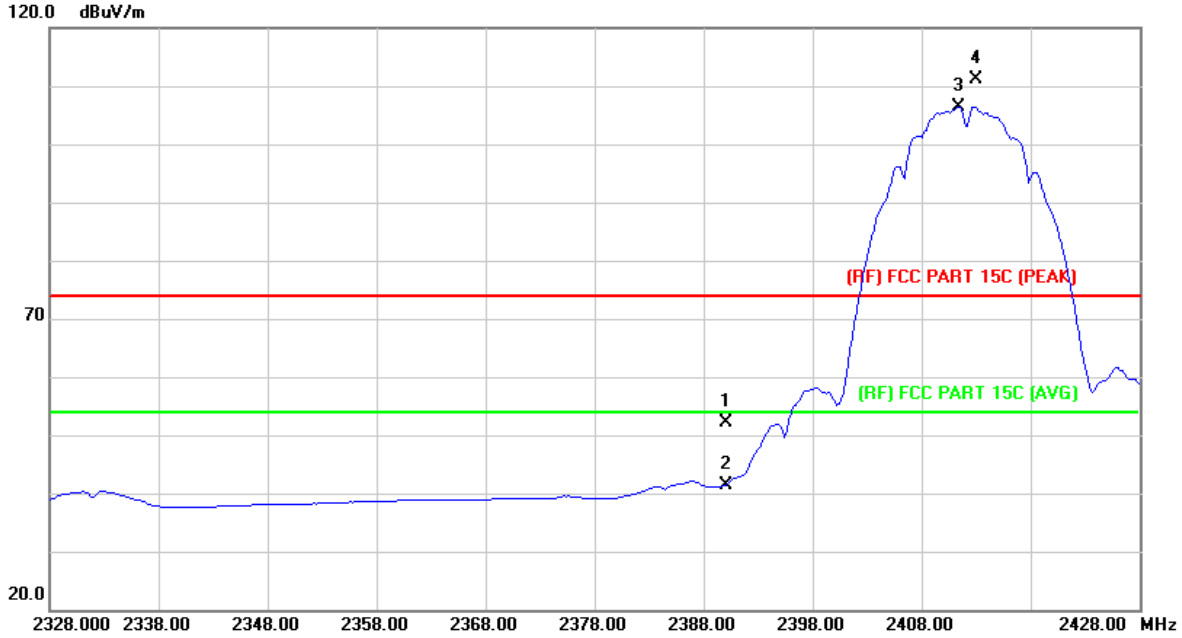
Frequency	Limit (dBuV/m @3m)	Value
Above 1GHz	54.00	Average
	74.00	Peak



1. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
7. The radiation measurements are performed in X, Y, Z axis positioning. And found the Y axis positioning which it is worse case, only the test worst case mode is recorded in the report.

Radiation Test:

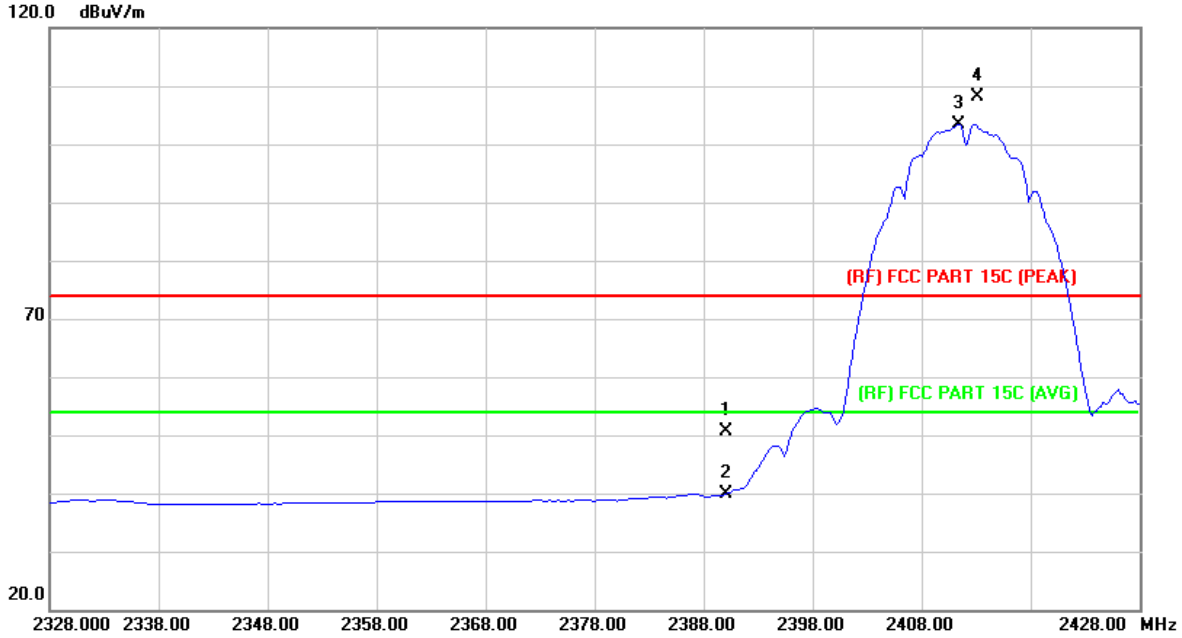
Temperature:	24.3 ℃	**Relative Humidity:**	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	49.14	2.91	52.05	74.00	-21.95	peak
2		2390.000	38.56	2.91	41.47	54.00	-12.53	AVG
3	*	2411.400	103.49	3.00	106.49	54.00	52.49	AVG
4	X	2413.000	108.16	3.00	111.16	74.00	37.16	peak

Emission Level= Read Level+ Correct Factor

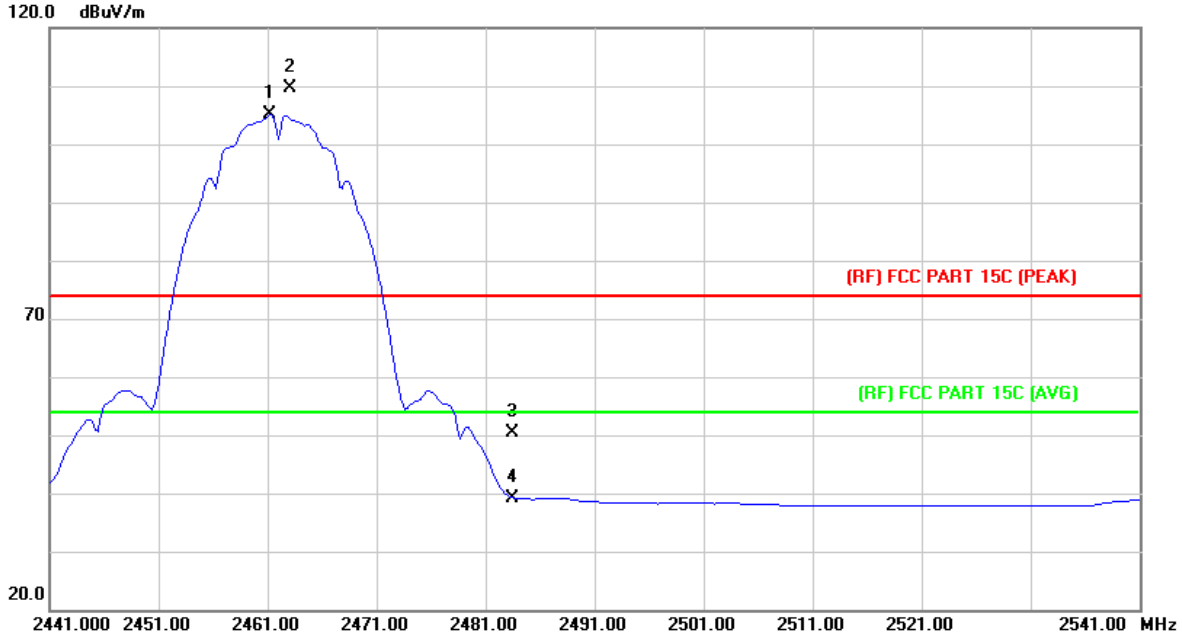
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	45.18	5.53	50.71	74.00	-23.29	peak
2		2390.000	34.31	5.53	39.84	54.00	-14.16	AVG
3	*	2411.400	97.83	5.58	103.41	54.00	49.41	AVG
4	X	2413.200	102.46	5.58	108.04	74.00	34.04	peak

Emission Level= Read Level+ Correct Factor

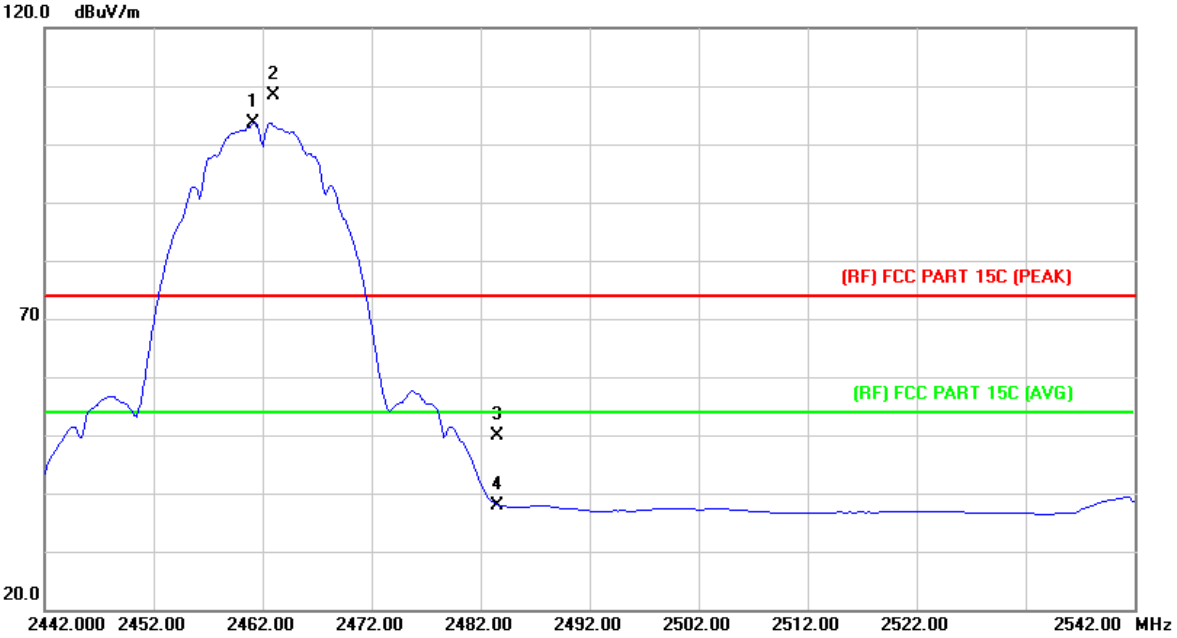
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2461.200	101.76	3.28	105.04	54.00	51.04	AVG
2	X	2463.000	106.34	3.28	109.62	74.00	35.62	peak
3		2483.500	46.97	3.40	50.37	74.00	-23.63	peak
4		2483.500	35.79	3.40	39.19	54.00	-14.81	AVG

Emission Level= Read Level+ Correct Factor

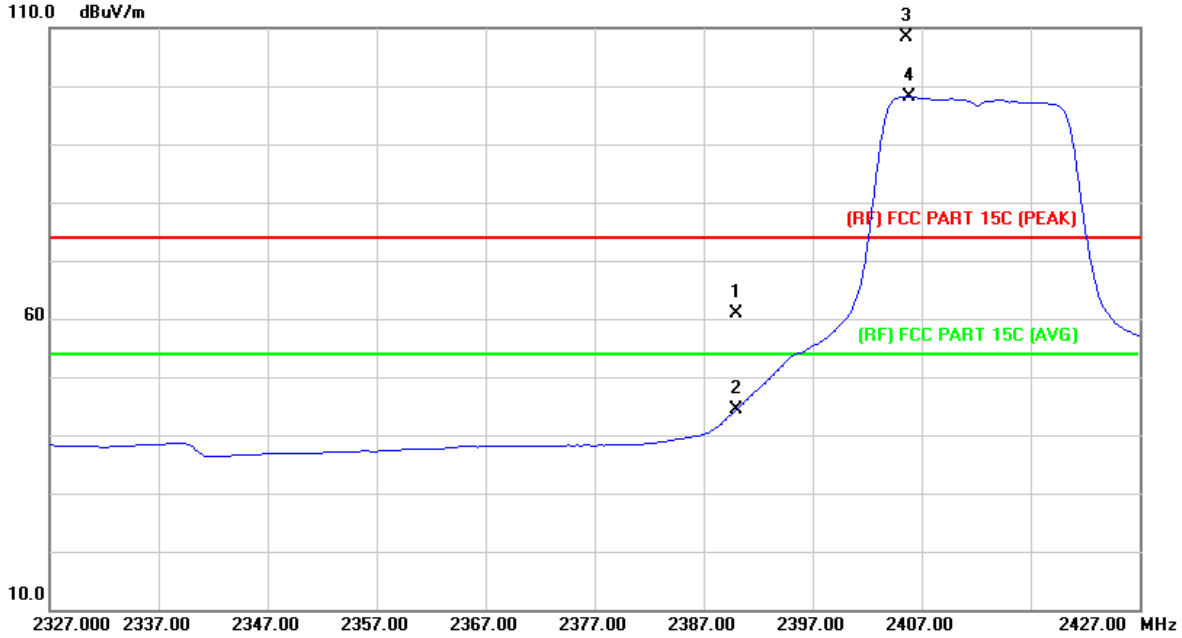
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2461.200	97.93	5.70	103.63	54.00	49.63	AVG
2	X	2463.000	102.57	5.70	108.27	74.00	34.27	peak
3		2483.500	44.13	5.75	49.88	74.00	-24.12	peak
4		2483.500	32.22	5.75	37.97	54.00	-16.03	AVG

Emission Level= Read Level+ Correct Factor

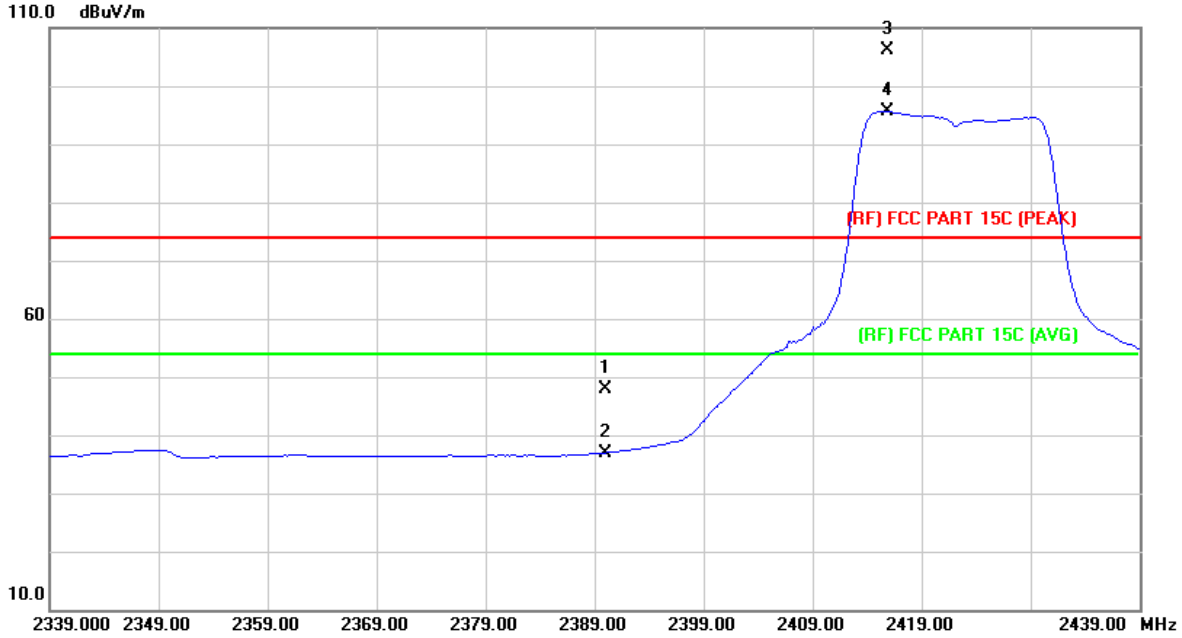
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	57.94	2.91	60.85	74.00	-13.15	peak
2		2390.000	41.45	2.91	44.36	54.00	-9.64	AVG
3	X	2405.600	105.50	2.97	108.47	74.00	34.47	peak
4	*	2405.800	95.16	2.97	98.13	54.00	44.13	AVG

Emission Level= Read Level+ Correct Factor

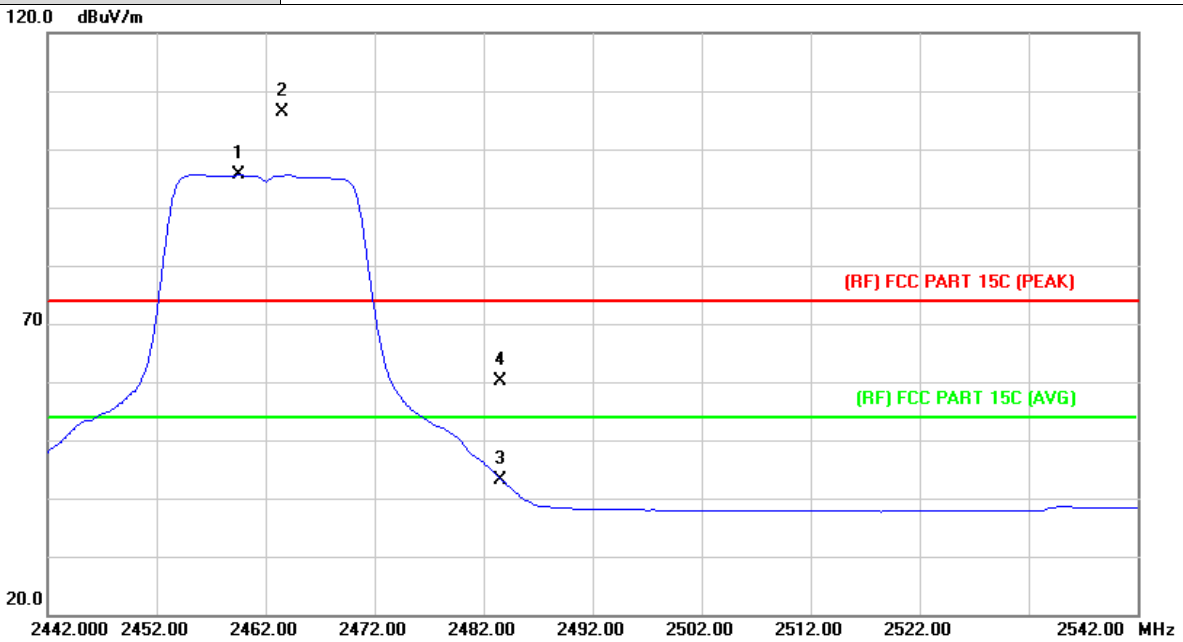
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	42.46	5.53	47.99	74.00	-26.01	peak
2		2390.000	31.46	5.53	36.99	54.00	-17.01	AVG
3	X	2415.800	100.46	5.60	106.06	74.00	32.06	peak
4	*	2415.800	89.97	5.60	95.57	54.00	41.57	AVG

Emission Level= Read Level+ Correct Factor

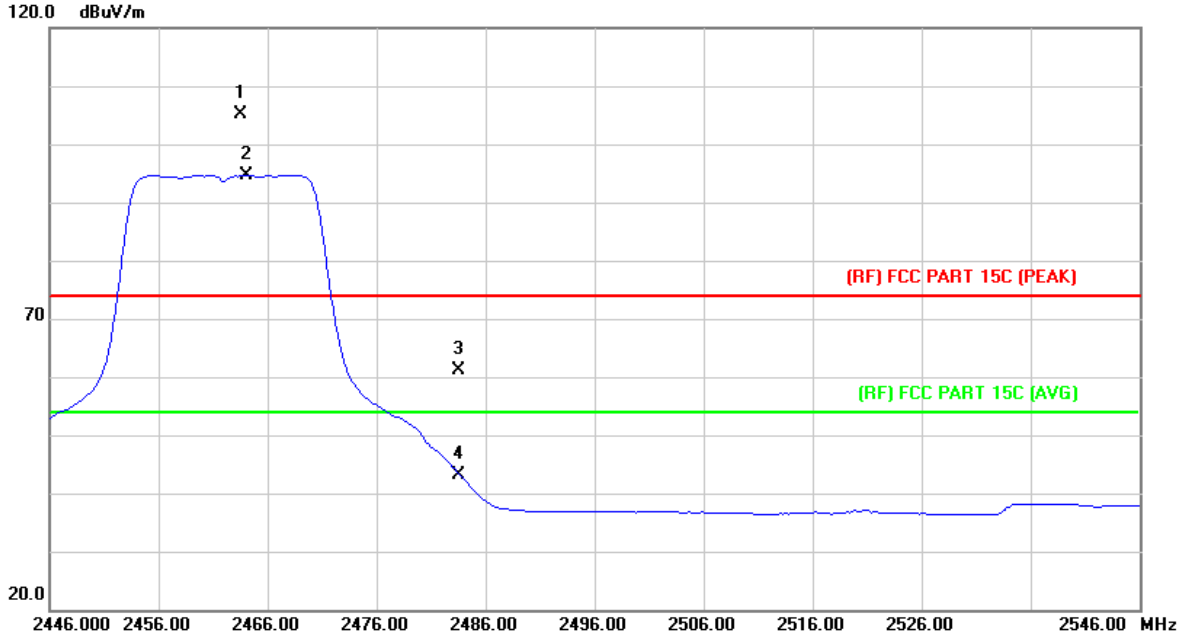
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2459.600	92.30	3.27	95.57	54.00	41.57	AVG
2	X	2463.600	102.97	3.29	106.26	74.00	32.26	peak
3		2483.500	39.83	3.40	43.23	54.00	-10.77	AVG
4		2483.560	56.80	3.40	60.20	74.00	-13.80	peak

Emission Level= Read Level+ Correct Factor

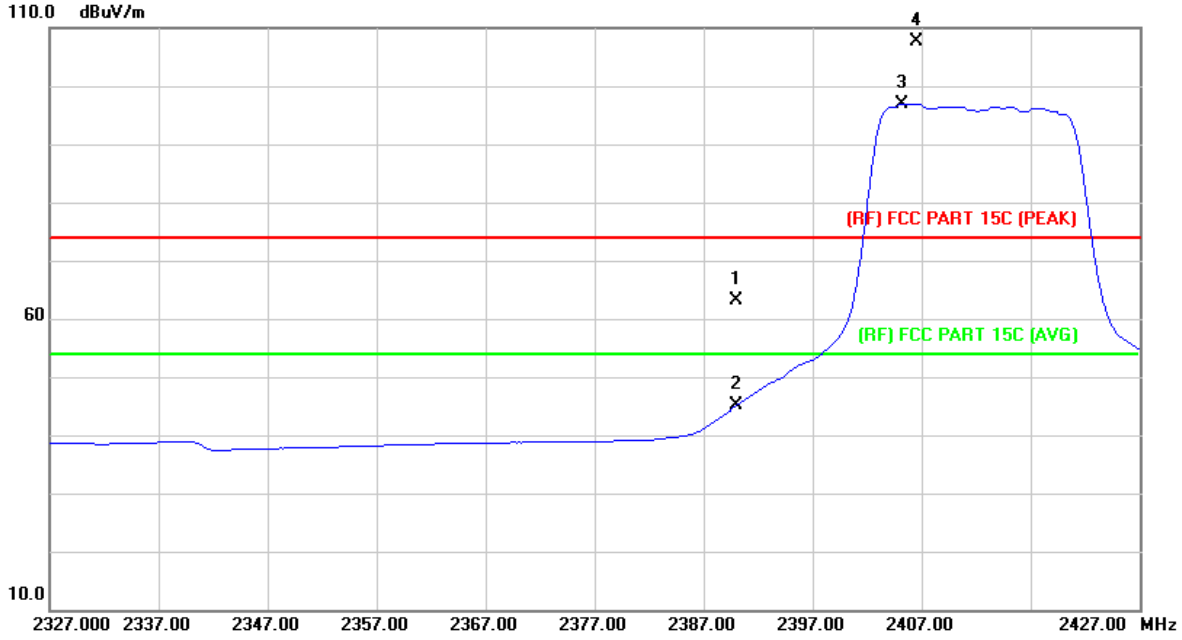
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2463.600	99.53	5.70	105.23	74.00	31.23	peak
2	*	2464.000	89.03	5.71	94.74	54.00	40.74	AVG
3		2483.500	55.37	5.75	61.12	74.00	-12.88	peak
4		2483.500	37.47	5.75	43.22	54.00	-10.78	AVG

Emission Level= Read Level+ Correct Factor

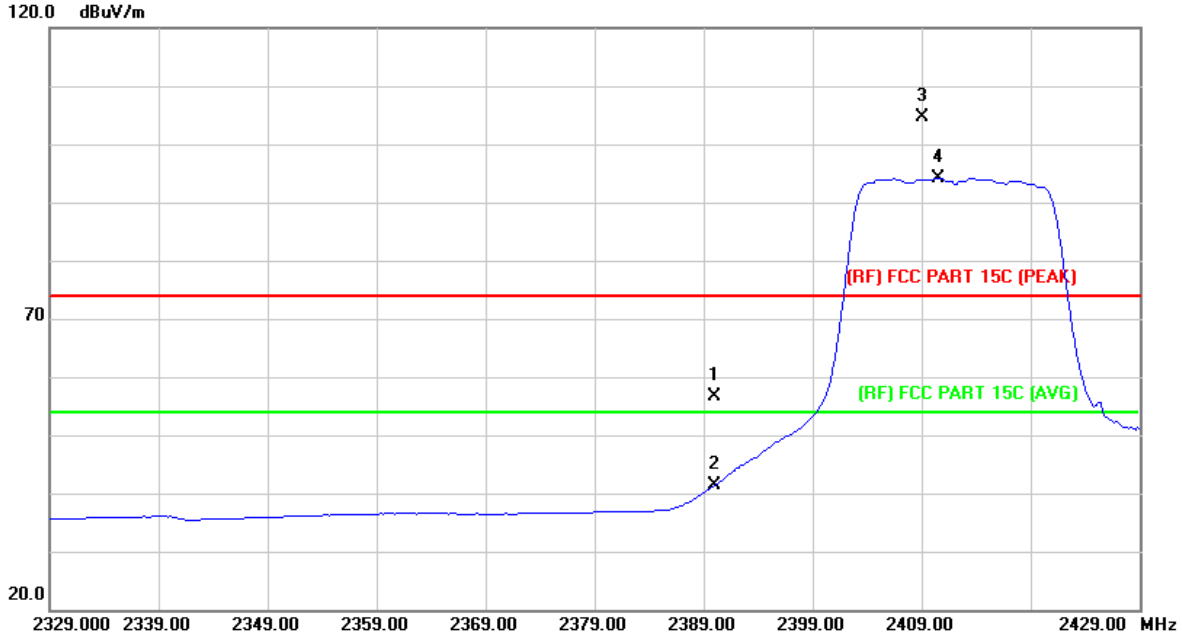
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT20) Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	60.17	2.91	63.08	74.00	-10.92	peak
2		2390.000	42.17	2.91	45.08	54.00	-8.92	AVG
3	*	2405.200	93.95	2.97	96.92	54.00	42.92	AVG
4	X	2406.600	104.56	2.96	107.52	74.00	33.52	peak

Emission Level= Read Level+ Correct Factor

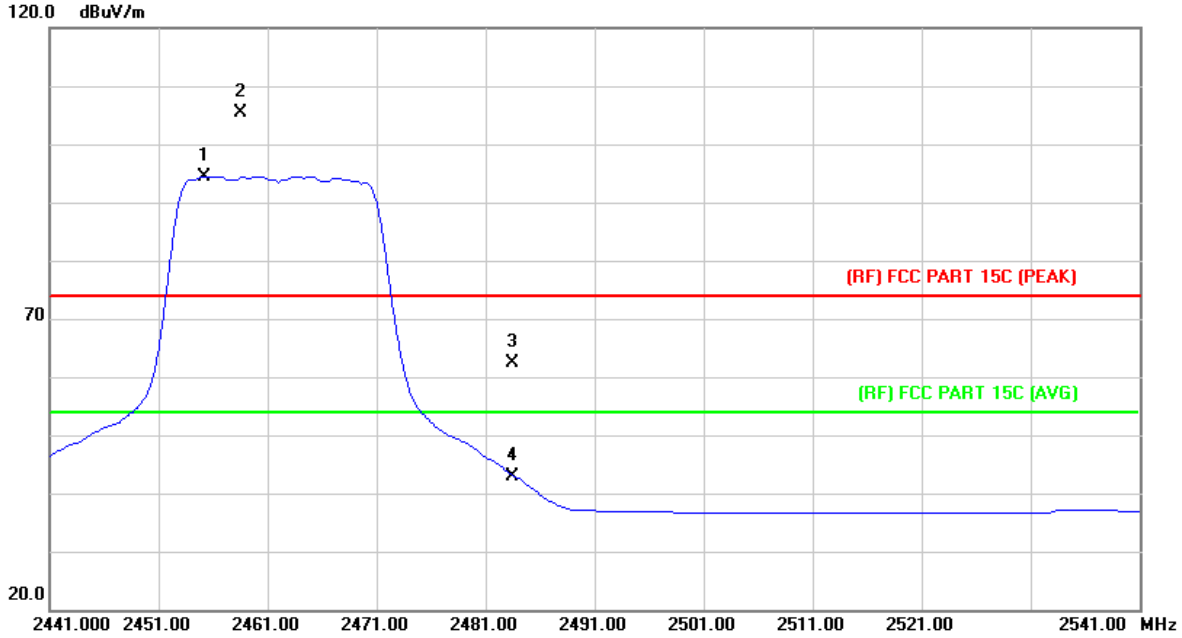
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT20) Mode 2412MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	51.13	5.53	56.66	74.00	-17.34	peak
2		2390.000	35.96	5.53	41.49	54.00	-12.51	AVG
3	X	2409.000	99.04	5.58	104.62	74.00	30.62	peak
4	*	2410.600	88.48	5.58	94.06	54.00	40.06	AVG

Emission Level= Read Level+ Correct Factor

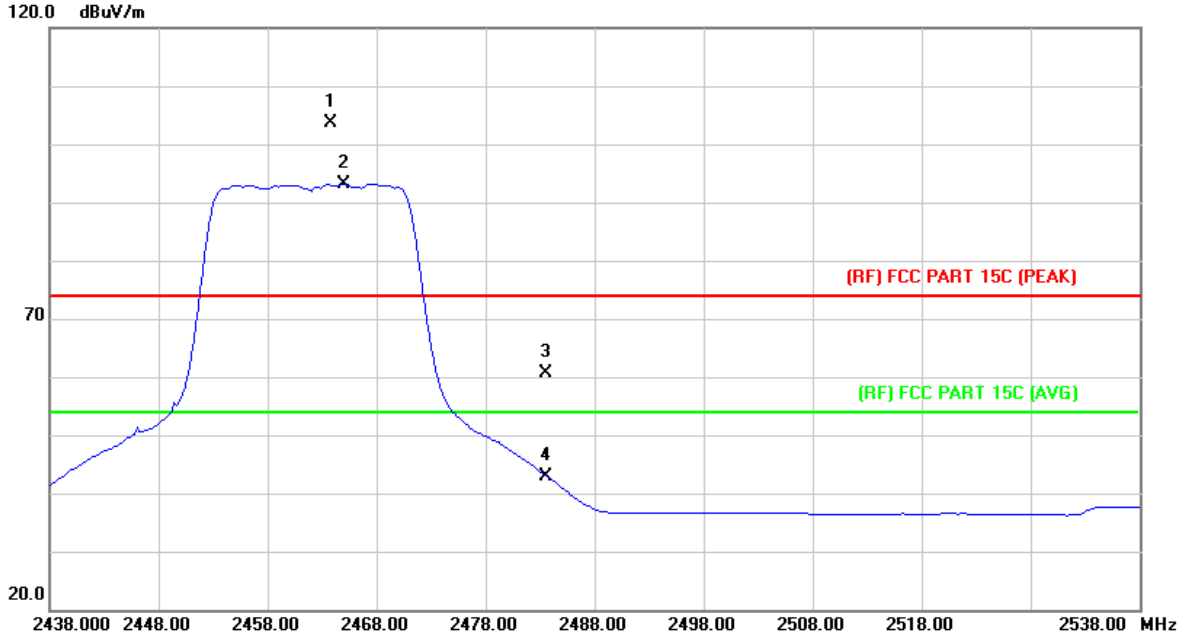
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT20) Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2455.200	91.20	3.25	94.45	54.00	40.45	AVG
2	X	2458.600	102.24	3.25	105.49	74.00	31.49	peak
3		2483.500	59.09	3.40	62.49	74.00	-11.51	peak
4		2483.500	39.53	3.40	42.93	54.00	-11.07	AVG

Emission Level= Read Level+ Correct Factor

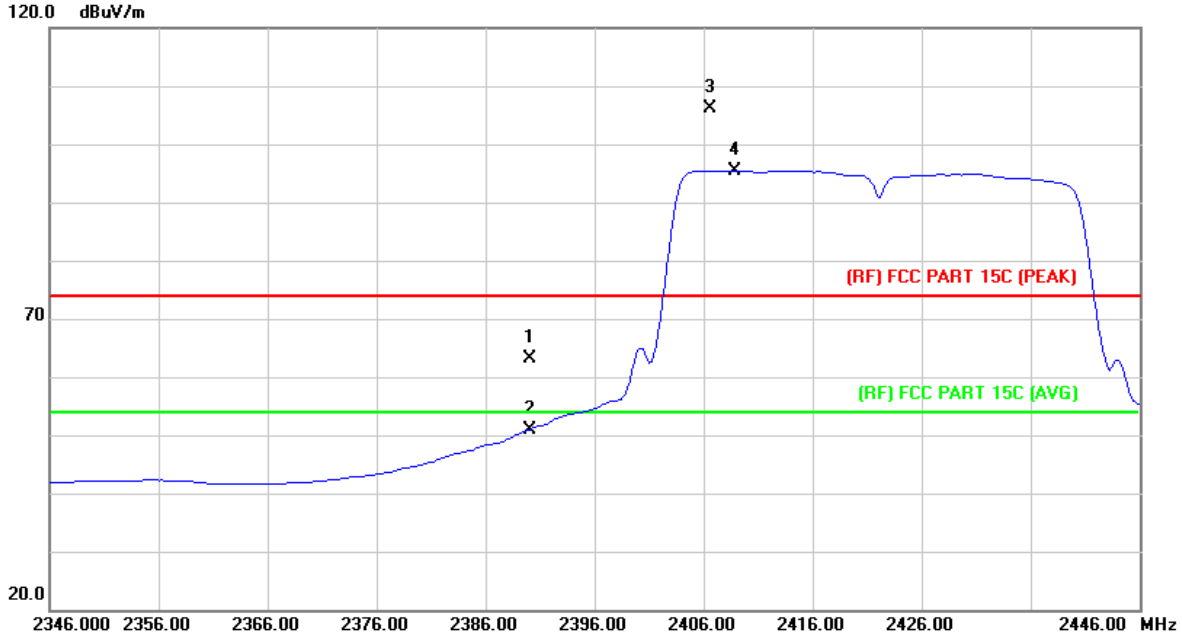
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT20) Mode 2462MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2463.800	98.01	5.70	103.71	74.00	29.71	peak
2	*	2465.000	87.41	5.71	93.12	54.00	39.12	AVG
3		2483.500	54.78	5.75	60.53	74.00	-13.47	peak
4		2483.500	37.12	5.75	42.87	54.00	-11.13	AVG

Emission Level= Read Level+ Correct Factor

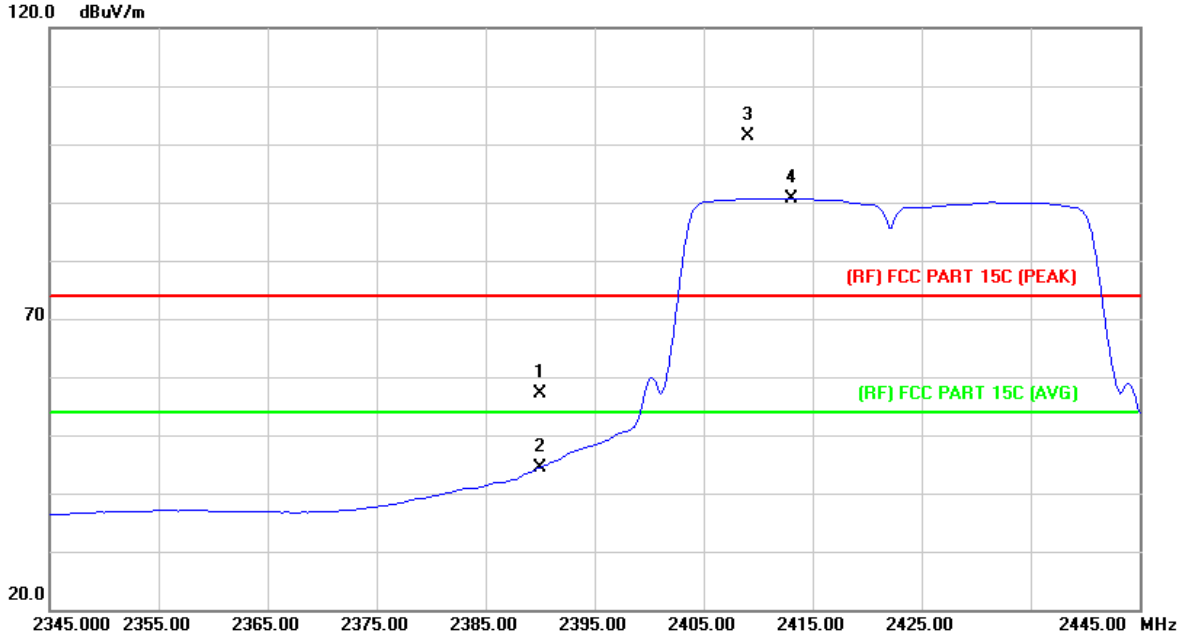
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT40) Mode 2422MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	57.62	5.53	63.15	74.00	-10.85	peak
2		2390.000	45.45	5.53	50.98	54.00	-3.02	AVG
3	X	2406.600	100.58	5.56	106.14	74.00	32.14	peak
4	*	2408.800	89.90	5.58	95.48	54.00	41.48	AVG

Emission Level= Read Level+ Correct Factor

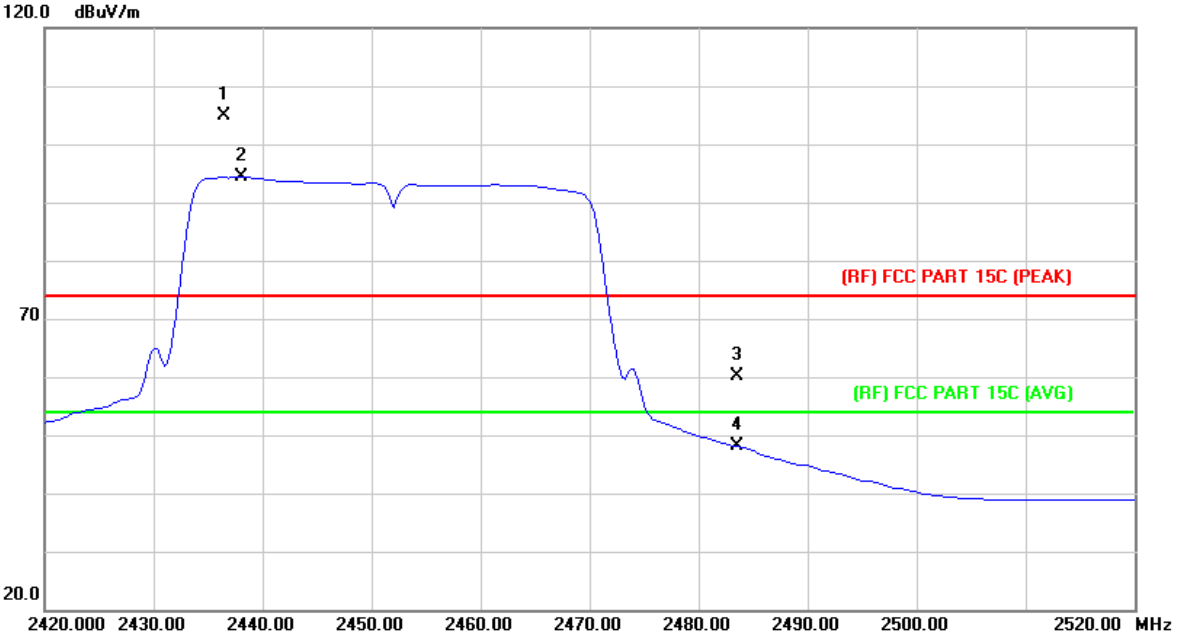
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT40) Mode 2422MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	51.58	5.53	57.11	74.00	-16.89	peak
2		2390.000	38.91	5.53	44.44	54.00	-9.56	AVG
3	X	2409.000	95.71	5.58	101.29	74.00	27.29	peak
4	*	2413.000	85.14	5.58	90.72	54.00	36.72	AVG

Emission Level= Read Level+ Correct Factor

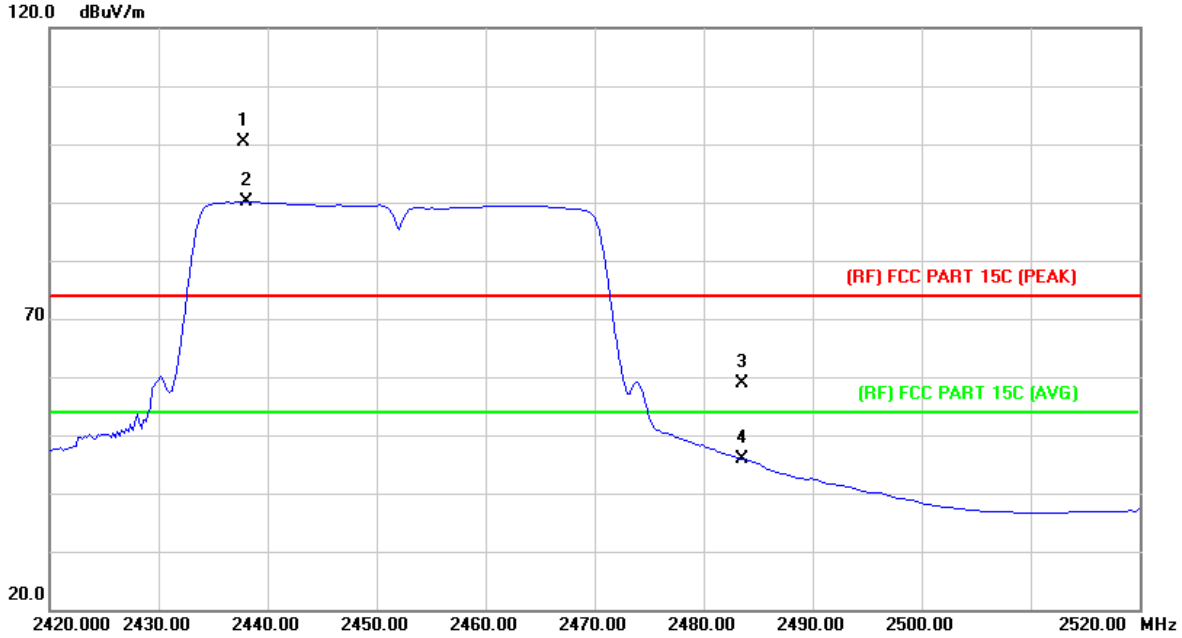
Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT40) Mode 2452MHz		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2436.400	99.13	5.64	104.77	74.00	30.77	peak
2	*	2438.000	88.67	5.65	94.32	54.00	40.32	AVG
3		2483.500	54.35	5.75	60.10	74.00	-13.90	peak
4		2483.500	42.27	5.75	48.02	54.00	-5.98	AVG

Emission Level= Read Level+ Correct Factor

Temperature:	24.3 ℃	Relative Humidity:	42%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX N(HT40) Mode 2452MHz		
Remark:	N/A		

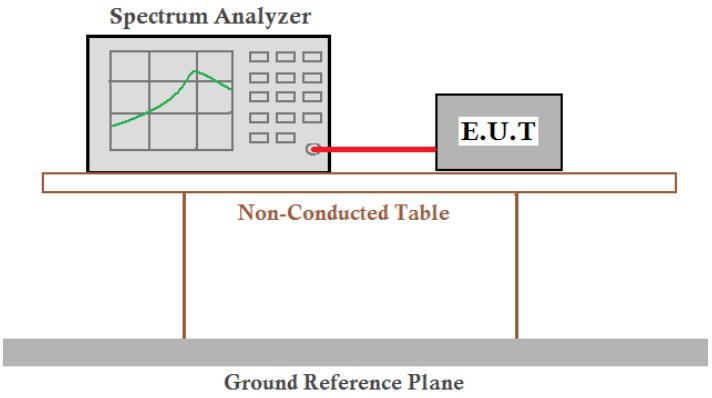


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2437.800	94.77	5.65	100.42	74.00	26.42	peak
2	*	2438.000	84.53	5.65	90.18	54.00	36.18	AVG
3		2483.500	53.19	5.75	58.94	74.00	-15.06	peak
4		2483.500	40.14	5.75	45.89	54.00	-8.11	AVG

Emission Level= Read Level+ Correct Factor

7.7 Spurious Emission

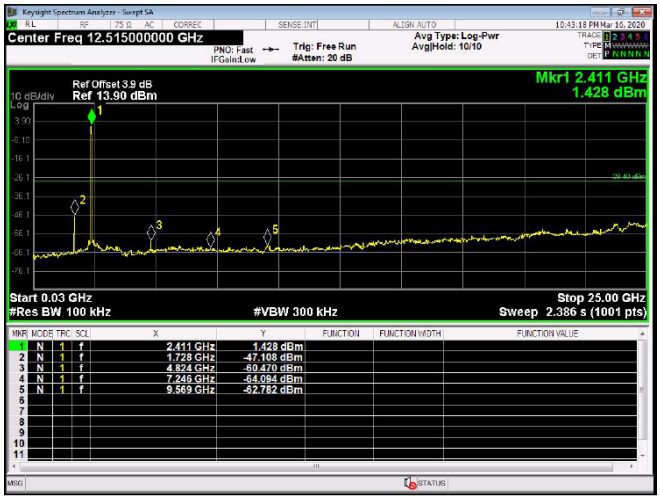
7.7.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB558074 D01 DTS Meas Guidance V05or02
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Test plot as follows:

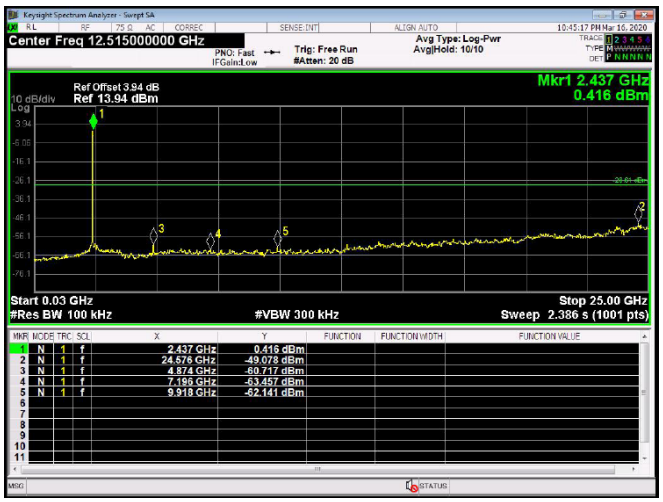
802.11b(Only worse case is reported)

Lowest channel



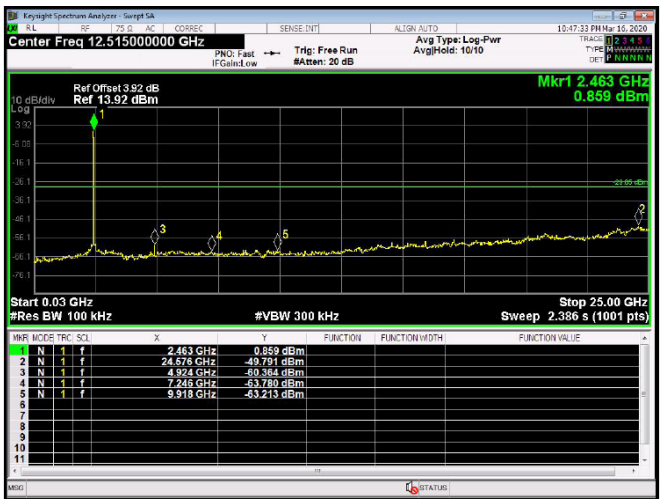
30MHz~25GHz

Middle channel



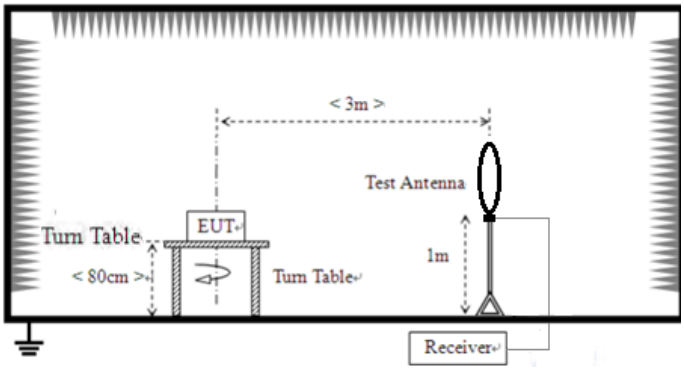
30MHz~25GHz

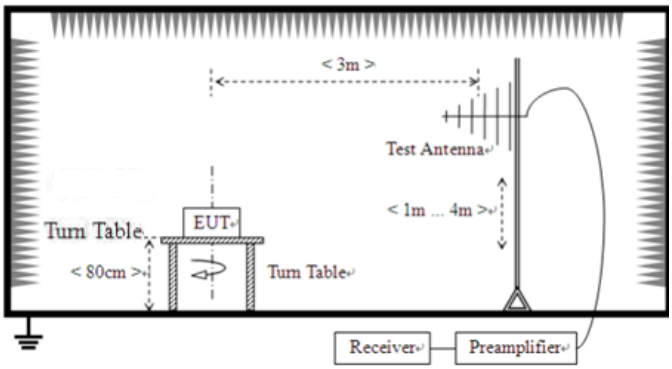
Highest channel

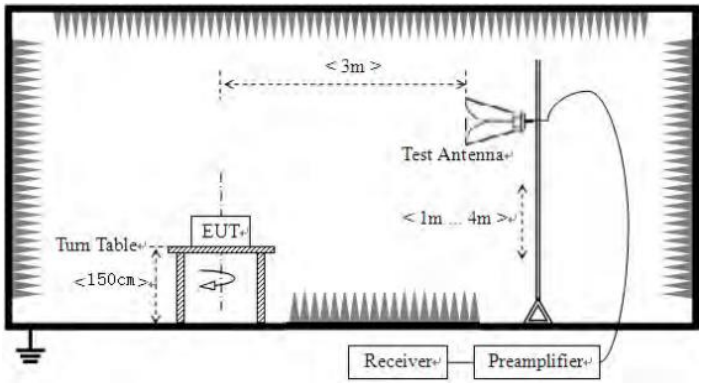


30MHz~25GHz

7.7.2 Radiated Emission Method

<table>
<tr><td>Test Requirement:</td><td>FCC Part15 C Section 15.209</td></tr>
<tr><td>Test Method:</td><td>ANSI C63.10: 2013</td></tr>
<tr><td>Test Frequency Range:</td><td>9kHz to 25GHz</td></tr>
<tr><td>Test site:</td><td>Measurement Distance: 3m</td></tr>
<tr><td>Receiver setup:</td><td>
<table>
<tr><th>Frequency</th><th>Detector</th><th>RBW</th><th>VBW</th><th>Value</th></tr>
<tr><td>9KHz-150KHz</td><td>Quasi-peak</td><td>200Hz</td><td>600Hz</td><td>Quasi-peak</td></tr>
<tr><td>150KHz-30MHz</td><td>Quasi-peak</td><td>9KHz</td><td>30KHz</td><td>Quasi-peak</td></tr>
<tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>100KHz</td><td>300KHz</td><td>Quasi-peak</td></tr>
<tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak</td></tr>
<tr><td>Peak</td><td>1MHz</td><td>10Hz</td><td>Average</td></tr>
</table>
</td></tr>
<tr><td>Limit:</td><td>
<table>
<tr><th>Frequency</th><th>Limit (uV/m)</th><th>Value</th><th>Measurement Distance</th></tr>
<tr><td>0.009MHz-0.490MHz</td><td>2400/F(KHz)</td><td>QP</td><td>300m</td></tr>
<tr><td>0.490MHz-1.705MHz</td><td>24000/F(KHz)</td><td>QP</td><td>300m</td></tr>
<tr><td>1.705MHz-30MHz</td><td>30</td><td>QP</td><td>30m</td></tr>
<tr><td>30MHz-88MHz</td><td>100</td><td>QP</td><td rowspan="6">3m</td></tr>
<tr><td>88MHz-216MHz</td><td>150</td><td>QP</td></tr>
<tr><td>216MHz-960MHz</td><td>200</td><td>QP</td></tr>
<tr><td>960MHz-1GHz</td><td>500</td><td>QP</td></tr>
<tr><td rowspan="2">Above 1GHz</td><td>500</td><td>Average</td></tr>
<tr><td>5000</td><td>Peak</td></tr>
</table>
</td></tr>
<tr><td>Test setup:</td><td>For radiated emissions from 9kHz to 30MHz
 

For radiated emissions from 30MHz to1GHz
 
</td></tr>
</table>

	For radiated emissions above 1GHz 
Test Procedure:	1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test voltage:	AC120V 60Hz
Test environment:	Temp.: 23.6 °C Humid.: 49% Press.: 1012mbar
Test voltage:	AC 120V, 60Hz
Test results:	Pass

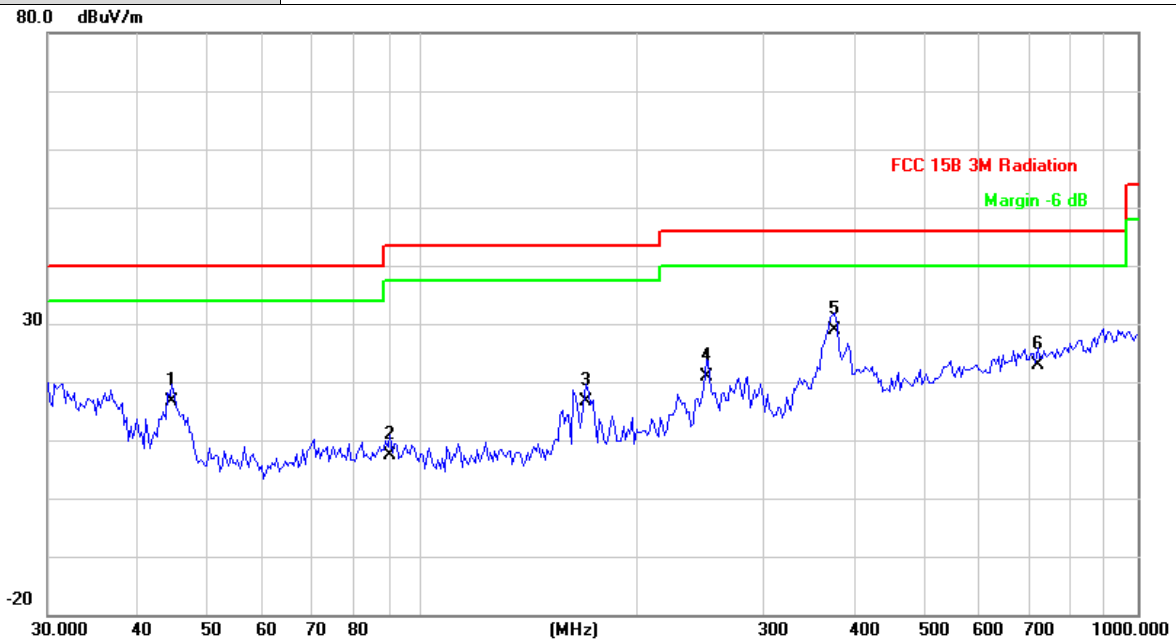
Measurement data:

■ **9kHz~30MHz**

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.

■ **Below 1GHz**

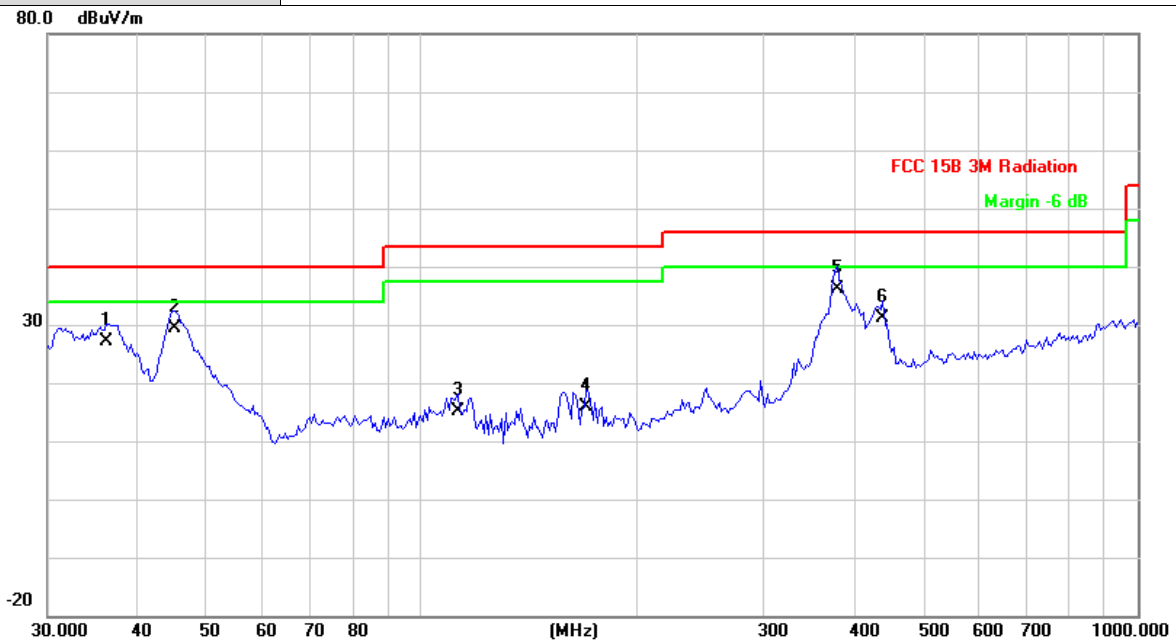
Ant. Pol.	Horizontal
Test Mode:	TX B Mode 2412MHz
Remark:	Only worse case is reported



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		44.7433	38.18	-21.53	16.65	40.00	-23.35	QP
2		90.2205	29.35	-22.01	7.34	43.50	-36.16	QP
3		169.5990	37.19	-20.51	16.68	43.50	-26.82	QP
4		249.4250	38.00	-17.08	20.92	46.00	-25.08	QP
5	*	377.2591	42.12	-13.13	28.99	46.00	-17.01	QP
6		724.2611	29.28	-6.51	22.77	46.00	-23.23	QP

Emission Level= Read Level+ Correct Factor

Ant. Pol.	Vertical
Test Mode:	TX B Mode 2412MHz
Remark:	Only worse case is reported



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		36.2541	44.49	-17.38	27.11	40.00	-12.89	QP
2		45.0583	51.06	-21.68	29.38	40.00	-10.62	QP
3		112.1305	37.47	-22.44	15.03	43.50	-28.47	QP
4		169.5990	36.43	-20.51	15.92	43.50	-27.58	QP
5	*	379.9141	49.09	-13.01	36.08	46.00	-9.92	QP
6		440.1963	43.03	-11.84	31.19	46.00	-14.81	QP

Emission Level= Read Level+ Correct Factor

■ **Above 1GHz**

Ant. Pol.	Horizontal
Test Mode:	TX B Mode 2412MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4823.922	34.73	15.65	50.38	54.00	-3.62	AVG
2		4824.198	45.96	15.65	61.61	74.00	-12.39	peak

Ant. Pol.	Vertical
Test Mode:	TX B Mode 2412MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4823.922	34.08	15.65	49.73	54.00	-4.27	AVG
2		4823.994	46.20	15.65	61.85	74.00	-12.15	peak

Ant. Pol.	Horizontal
Test Mode:	TX B Mode 2437MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.730	44.93	15.88	60.81	74.00	-13.19	peak
2	*	4874.078	33.19	15.88	49.07	54.00	-4.93	AVG

Ant. Pol.	Vertical
Test Mode:	TX B Mode 2437MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4874.156	43.37	15.88	59.25	74.00	-14.75	peak
2	*	4874.156	31.48	15.88	47.36	54.00	-6.64	AVG

Ant. Pol.	Horizontal
Test Mode:	TX B Mode 2462MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4923.736	43.80	16.10	59.90	74.00	-14.10	peak
2	*	4923.922	30.35	16.10	46.45	54.00	-7.55	AVG

Ant. Pol.	Vertical
Test Mode:	TX B Mode 2462MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4923.814	44.02	16.10	60.12	74.00	-13.88	peak
2	*	4923.922	29.93	16.10	46.03	54.00	-7.97	AVG

Ant. Pol.	Horizontal
Test Mode:	TX G Mode 2412MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4822.602	43.63	15.65	59.28	74.00	-14.72	peak
2	*	4823.766	29.14	15.65	44.79	54.00	-9.21	AVG

Ant. Pol.	Vertical
Test Mode:	TX G Mode 2412MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.394	43.48	15.65	59.13	74.00	-14.87	peak
2	*	4823.766	29.12	15.65	44.77	54.00	-9.23	AVG

Ant. Pol.	Horizontal
Test Mode:	TX G Mode 2437MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4874.726	43.42	15.88	59.30	74.00	-14.70	peak
2	*	4875.182	28.85	15.89	44.74	54.00	-9.26	AVG

Ant. Pol.	Vertical
Test Mode:	TX G Mode 2437MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4872.890	42.93	15.87	58.80	74.00	-15.20	peak
2	*	4874.234	28.79	15.88	44.67	54.00	-9.33	AVG

Ant. Pol.	Horizontal
Test Mode:	TX G Mode 2462MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4923.922	30.33	16.10	46.43	54.00	-7.57	AVG
2		4924.036	44.34	16.10	60.44	74.00	-13.56	peak

Ant. Pol.	Vertical
Test Mode:	TX G Mode 2462MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4925.026	28.59	16.12	44.71	54.00	-9.29	AVG
2		4925.104	43.06	16.12	59.18	74.00	-14.82	peak

Ant. Pol.	Horizontal
Test Mode:	TX N(HT20) Mode 2412MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4822.608	44.18	15.65	59.83	74.00	-14.17	peak
2	*	4824.078	29.18	15.65	44.83	54.00	-9.17	AVG

Ant. Pol.	Vertical
Test Mode:	TX N(HT20) Mode 2412MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4823.766	28.84	15.65	44.49	54.00	-9.51	AVG
2		4824.624	42.89	15.65	58.54	74.00	-15.46	peak

Ant. Pol.	Horizontal
Test Mode:	TX N(HT20) Mode 2437MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4872.962	42.93	15.87	58.80	74.00	-15.20	peak
2	*	4875.500	28.84	15.89	44.73	54.00	-9.27	AVG

Ant. Pol.	Vertical
Test Mode:	TX N(HT20) Mode 2437MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.214	42.81	15.87	58.68	74.00	-15.32	peak
2	*	4875.182	28.75	15.89	44.64	54.00	-9.36	AVG

Ant. Pol.	Horizontal
Test Mode:	TX N(HT20) Mode 2462MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4923.922	30.27	16.10	46.37	54.00	-7.63	AVG
2		4924.288	44.30	16.10	60.40	74.00	-13.60	peak

Ant. Pol.	Vertical
Test Mode:	TX N(HT20) Mode 2462MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4924.102	28.82	16.10	44.92	54.00	-9.08	AVG
2		4924.624	42.95	16.10	59.05	74.00	-14.95	peak

Ant. Pol.	Horizontal
Test Mode:	TX N(HT40) Mode 2422MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4842.974	28.69	15.74	44.43	54.00	-9.57	AVG
2		4844.210	43.09	15.75	58.84	74.00	-15.16	peak

Ant. Pol.	Vertical
Test Mode:	TX N(HT40) Mode 2422MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4842.662	28.61	15.73	44.34	54.00	-9.66	AVG
2		4844.522	42.84	15.75	58.59	74.00	-15.41	peak

Ant. Pol.	Horizontal
Test Mode:	TX N(HT40) Mode 2437MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4874.390	28.86	15.88	44.74	54.00	-9.26	AVG
2		4874.726	43.39	15.88	59.27	74.00	-14.73	peak

Ant. Pol.	Vertical
Test Mode:	TX N(HT40) Mode 2437MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4874.714	28.77	15.88	44.65	54.00	-9.35	AVG
2		4874.834	43.08	15.88	58.96	74.00	-15.04	peak

Ant. Pol.	Horizontal
Test Mode:	TX N(HT40) Mode 2452MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4902.500	28.74	16.01	44.75	54.00	-9.25	AVG
2		4905.218	43.30	16.02	59.32	74.00	-14.68	peak

Ant. Pol.	Vertical
Test Mode:	TX N(HT40) Mode 2452MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4904.546	42.67	16.02	58.69	74.00	-15.31	peak
2	*	4905.344	28.69	16.02	44.71	54.00	-9.29	AVG

Remark:
1.No report for the emission which more than 10 dB below the prescribed limit.
2.Emission Level= Read Level+ Correct Factor

8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II** for details.

------End------