

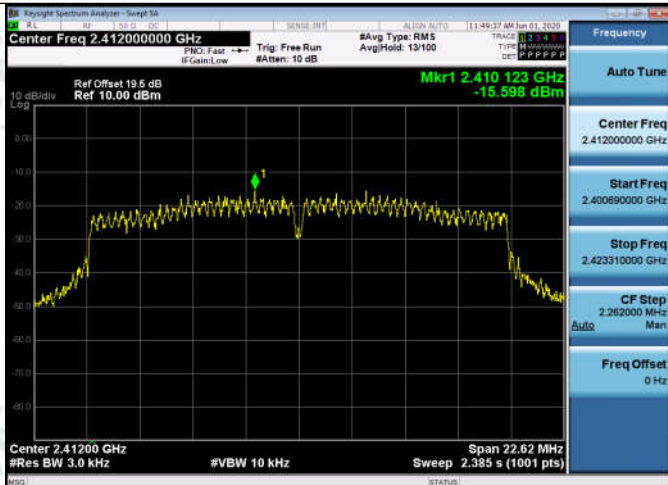
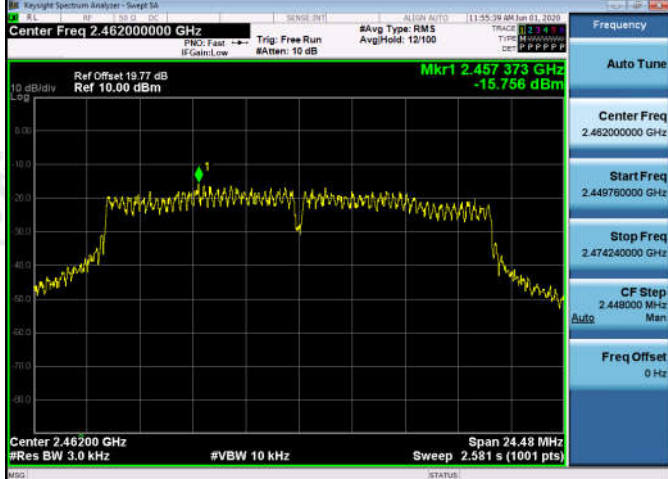
Appendix E): Power Spectral Density Result Table

Mode	Antenna	Channel	Power Spectral Density [dBm]	Verdict
11B	Ant1	LCH	-7.248	PASS
11B	Ant2	LCH	-7.236	PASS
11B	Ant1	MCH	-7.001	PASS
11B	Ant2	MCH	-6.853	PASS
11B	Ant1	HCH	-7.093	PASS
11B	Ant2	HCH	-8.007	PASS
11G	Ant1	LCH	-14.982	PASS
11G	Ant2	LCH	-15.687	PASS
11G	Ant1	MCH	-15.276	PASS
11G	Ant2	MCH	-14.999	PASS
11G	Ant1	HCH	-14.782	PASS
11G	Ant2	HCH	-15.436	PASS
11N20SISO	Ant1	LCH	-15.598	PASS
11N20SISO	Ant2	LCH	-17.235	PASS
11N20SISO	Ant1	MCH	-15.829	PASS
11N20SISO	Ant2	MCH	-16.827	PASS
11N20SISO	Ant1	HCH	-15.756	PASS
11N20SISO	Ant2	HCH	-14.726	PASS
11N20MIMO	Ant1	LCH	-18.570	PASS
11N20MIMO	Ant2	LCH	-17.510	PASS
11N20MIMO	Ant1+2	LCH	-15.00	PASS
11N20MIMO	Ant1	MCH	-18.252	PASS
11N20MIMO	Ant2	MCH	-14.886	PASS
11N20MIMO	Ant1+2	MCH	-13.24	PASS
11N20MIMO	Ant1	HCH	-17.787	PASS
11N20MIMO	Ant2	HCH	-16.695	PASS
11N20MIMO	Ant1+2	HCH	-14.20	PASS
11N40SISO	Ant1	LCH	-20.839	PASS
11N40SISO	Ant2	LCH	-21.449	PASS
11N40SISO	Ant1	MCH	-20.324	PASS
11N40SISO	Ant2	MCH	-20.748	PASS
11N40SISO	Ant1	HCH	-19.917	PASS
11N40SISO	Ant2	HCH	-19.539	PASS
11N40MIMO	Ant1	LCH	-21.282	PASS
11N40MIMO	Ant2	LCH	-23.799	PASS
11N40MIMO	Ant1+2	LCH	-19.35	PASS
11N40MIMO	Ant1	MCH	-24.308	PASS
11N40MIMO	Ant2	MCH	-22.792	PASS
11N40MIMO	Ant1+2	MCH	-20.47	PASS
11N40MIMO	Ant1	HCH	-22.880	PASS
11N40MIMO	Ant2	HCH	-20.621	PASS
11N40MIMO	Ant1+2	HCH	-18.59	PASS

Test Graph



11G/LCH	
11G/MCH	
11G/HCH	

11N20SISO/LCH	 <p>Keynote Spectrum Analyzer - Sweep SA Center Freq 2.41200000 GHz Ref Offset 19.5 dB Ref 10.00 dBm Mkr1 2.410 123 GHz -15.598 dBm Center 2.41200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 22.62 MHz Sweep 2.385 s (1001 pts)</p>
11N20SISO/MCH	 <p>Keynote Spectrum Analyzer - Sweep SA Center Freq 2.43700000 GHz Ref Offset 19.77 dB Ref 10.00 dBm Mkr1 2.439 470 GHz -15.829 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 22.67 MHz Sweep 2.390 s (1001 pts)</p>
11N20SISO/HCH	 <p>Keynote Spectrum Analyzer - Sweep SA Center Freq 2.46200000 GHz Ref Offset 19.77 dB Ref 10.00 dBm Mkr1 2.457 373 GHz -15.756 dBm Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 24.48 MHz Sweep 2.581 s (1001 pts)</p>

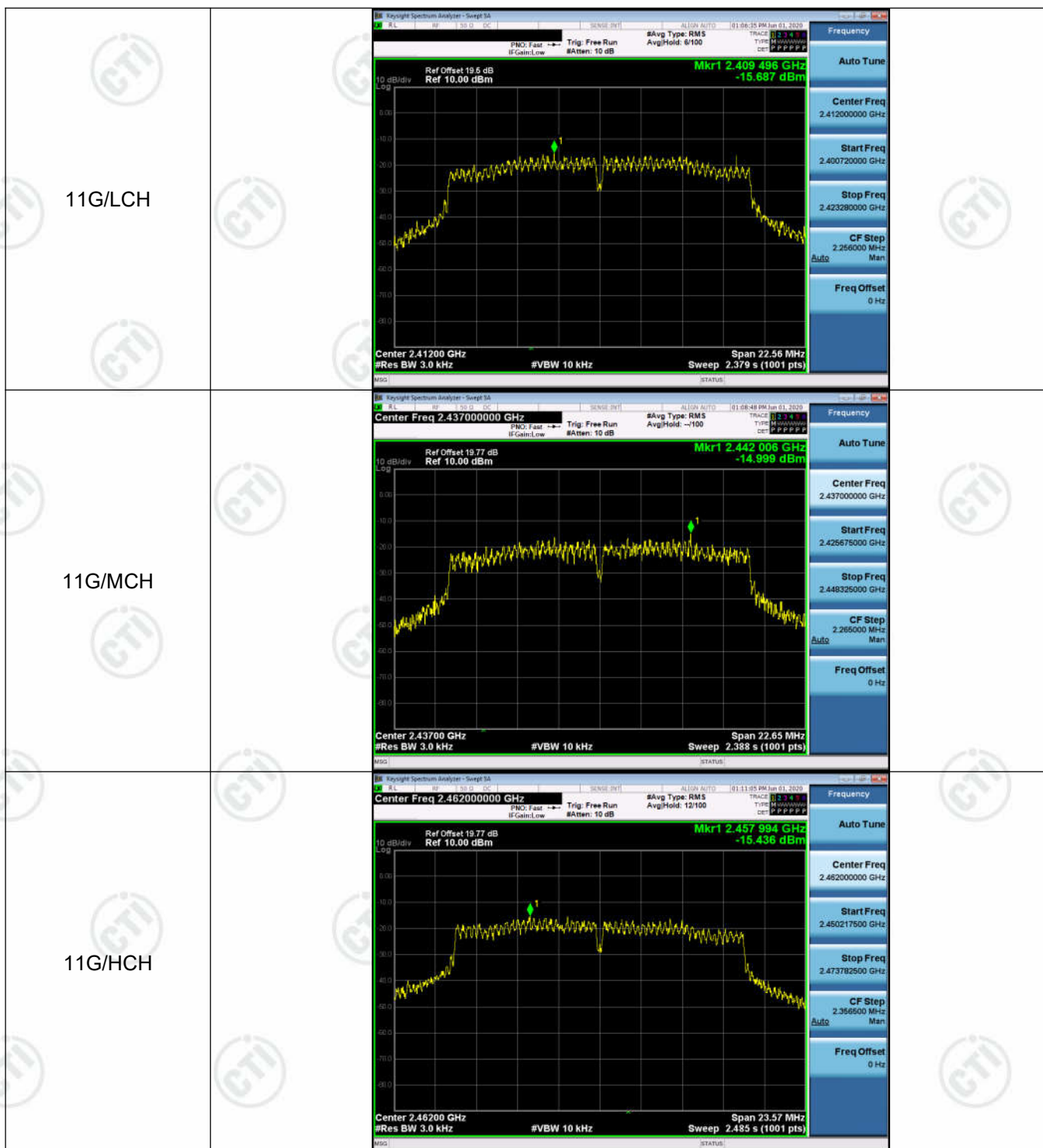
11N20MIMO/LCH	
11N20MIMO/MCH	
11N20MIMO/HCH	

11N40SISO/LCH	 <p>Keynote Spectrum Analyzer - Sweep SA</p> <p>Center Freq 2.422000000 GHz</p> <p>Ref Offset 19.77 dB Ref 10.00 dBm</p> <p>Mkr1 2.417 00 GHz -20.839 dBm</p> <p>Center 2.42200 GHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 5.545 s (1001 pts)</p> <p>Span 52.59 MHz</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.422000000 GHz</p> <p>Start Freq 2.396706000 GHz</p> <p>Stop Freq 2.448296000 GHz</p> <p>CF Step 6.250000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
11N40SISO/MCH	 <p>Keynote Spectrum Analyzer - Sweep SA</p> <p>Center Freq 2.437000000 GHz</p> <p>Ref Offset 19.77 dB Ref 10.00 dBm</p> <p>Mkr1 2.448 61 GHz -20.324 dBm</p> <p>Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 5.540 s (1001 pts)</p> <p>Span 52.55 MHz</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.437000000 GHz</p> <p>Start Freq 2.410727500 GHz</p> <p>Stop Freq 2.463272500 GHz</p> <p>CF Step 6.250000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
11N40SISO/HCH	 <p>Keynote Spectrum Analyzer - Sweep SA</p> <p>Center Freq 2.452000000 GHz</p> <p>Ref Offset 19.77 dB Ref 10.00 dBm</p> <p>Mkr1 2.447 30 GHz -19.917 dBm</p> <p>Center 2.45200 GHz #Res BW 3.0 kHz #VBW 10 kHz Sweep 4.807 s (1001 pts)</p> <p>Span 45.59 MHz</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.452000000 GHz</p> <p>Start Freq 2.429207500 GHz</p> <p>Stop Freq 2.474792500 GHz</p> <p>CF Step 4.558500 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>

11N40MIMO/LCH	
11N40MIMO/MCH	
11N40MIMO/HCH	

Graphs_Ant2





11N20SISO/LCH	 <p>Key parameters from the screenshot:</p> <ul style="list-style-type: none"> Center Freq: 2.41200000 GHz Start Freq: 2.401627500 GHz Stop Freq: 2.422372500 GHz CF Step: 2.074500 MHz Freq Offset: 0 Hz Mkr1: 2.407934 GHz, -17.235 dBm Ref Offset: 19.5 dB, Ref: 10.00 dBm Center: 2.41200 GHz #Res BW: 3.0 kHz #VBW: 10 kHz Sweep: 2.187 s (1001 pts)
11N20SISO/MCH	 <p>Key parameters from the screenshot:</p> <ul style="list-style-type: none"> Center Freq: 2.43700000 GHz Start Freq: 2.425540000 GHz Stop Freq: 2.448460000 GHz CF Step: 2.292000 MHz Freq Offset: 0 Hz Mkr1: 2.437367 GHz, -16.827 dBm Ref Offset: 19.77 dB, Ref: 10.00 dBm Center: 2.43700 GHz #Res BW: 3.0 kHz #VBW: 10 kHz Sweep: 2.417 s (1001 pts)
11N20SISO/HCH	 <p>Key parameters from the screenshot:</p> <ul style="list-style-type: none"> Center Freq: 2.46200000 GHz Start Freq: 2.450750000 GHz Stop Freq: 2.473250000 GHz CF Step: 2.250000 MHz Freq Offset: 0 Hz Mkr1: 2.458672 GHz, -14.726 dBm Ref Offset: 19.77 dB, Ref: 10.00 dBm Center: 2.46200 GHz #Res BW: 3.0 kHz #VBW: 10 kHz Sweep: 2.372 s (1001 pts)

11N20MIMO/LCH	 <p>Keynote Spectrum Analyzer - Sweep SA</p> <p>Center Freq 2.41200000 GHz</p> <p>Ref Offset 19.5 dB Ref 10.00 dBm</p> <p>Mkr1 2.407008 GHz -17.510 dBm</p> <p>Center 2.41200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 22.49 MHz Sweep 2.382 s (1001 pts)</p>
11N20MIMO/MCH	 <p>Keynote Spectrum Analyzer - Sweep SA</p> <p>Center Freq 2.43700000 GHz</p> <p>Ref Offset 19.77 dB Ref 10.00 dBm</p> <p>Mkr1 2.441726 GHz -14.886 dBm</p> <p>Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 20.73 MHz Sweep 2.186 s (1001 pts)</p>
11N20MIMO/HCH	 <p>Keynote Spectrum Analyzer - Sweep SA</p> <p>Center Freq 2.46200000 GHz</p> <p>Ref Offset 19.77 dB Ref 10.00 dBm</p> <p>Mkr1 2.461365 GHz -16.895 dBm</p> <p>Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 24.44 MHz Sweep 2.576 s (1001 pts)</p>

11N40SISO/LCH	 <p>Key parameters for 11N40SISO/LCH:</p> <ul style="list-style-type: none"> Center Freq: 2.42200000 GHz Start Freq: 2.396472500 GHz Stop Freq: 2.448527500 GHz CF Step: 6.306500 MHz Freq Offset: 0 Hz Marker 1: 2.43176 GHz, -21.449 dBm
11N40SISO/MCH	 <p>Key parameters for 11N40SISO/MCH:</p> <ul style="list-style-type: none"> Center Freq: 2.437000000 GHz Start Freq: 2.412557500 GHz Stop Freq: 2.461442500 GHz CF Step: 4.989500 MHz Freq Offset: 0 Hz Marker 1: 2.44917 GHz, -20.748 dBm
11N40SISO/HCH	 <p>Key parameters for 11N40SISO/HCH:</p> <ul style="list-style-type: none"> Center Freq: 2.452000000 GHz Start Freq: 2.430362500 GHz Stop Freq: 2.473637500 GHz CF Step: 4.327500 MHz Freq Offset: 0 Hz Marker 1: 2.44257 GHz, -19.539 dBm

11N40MIMO/LCH	
11N40MIMO/MCH	
11N40MIMO/HCH	

Appendix F): Antenna Requirement

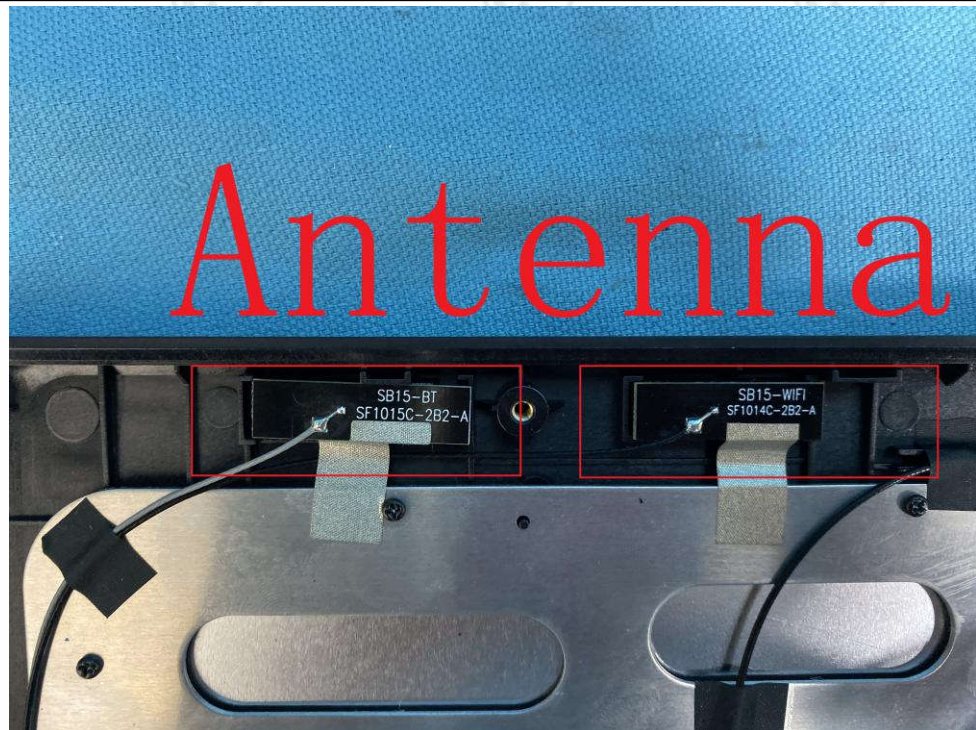
15.203 requirement:

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(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:



The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 1.99 dBi

Appendix G): AC Power Line Conducted Emission

Test Procedure:	<p>Test frequency range :150KHz-30MHz</p> <ol style="list-style-type: none"> 1)The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 5\Omega$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3)The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) 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 on conducted measurement. 															
Limit:	<table border="1"> <thead> <tr> <th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBμV)</th></tr> <tr> <th>Quasi-peak</th><th>Average</th></tr> </thead> <tbody> <tr> <td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr> <tr> <td>0.5-5</td><td>56</td><td>46</td></tr> <tr> <td>5-30</td><td>60</td><td>50</td></tr> </tbody> </table> <p>* The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz. NOTE : The lower limit is applicable at the transition frequency</p>		Frequency range (MHz)	Limit (dB μ V)		Quasi-peak	Average	0.15-0.5	66 to 56*	56 to 46*	0.5-5	56	46	5-30	60	50
Frequency range (MHz)	Limit (dB μ V)															
	Quasi-peak	Average														
0.15-0.5	66 to 56*	56 to 46*														
0.5-5	56	46														
5-30	60	50														

Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

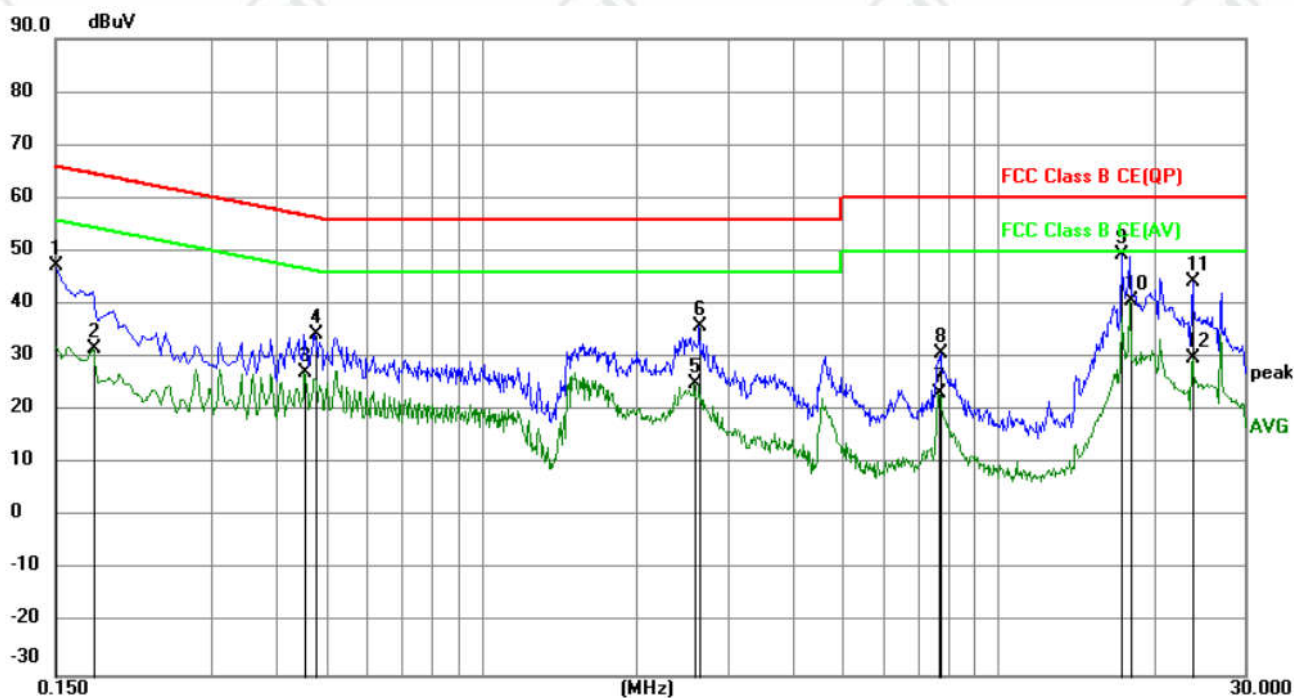
Product : Grid Pad 15

Model/Type reference : GP15A

Temperature : 23℃

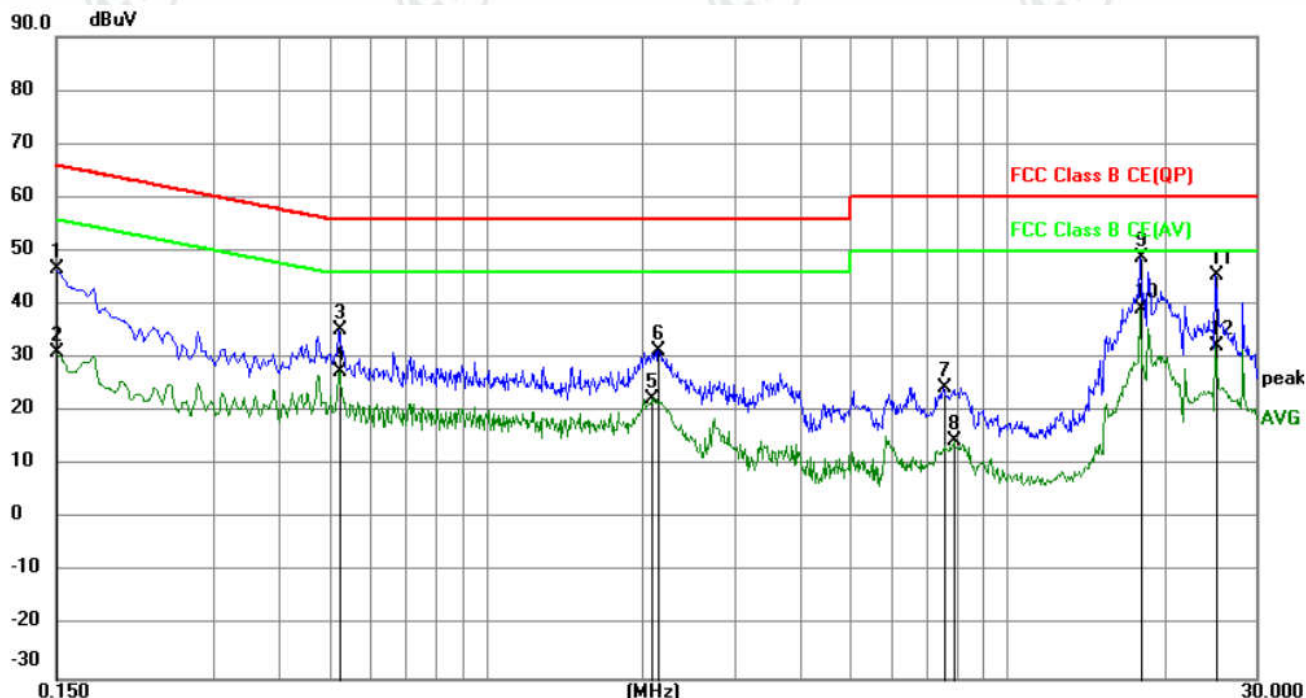
Humidity : 54%

Live line:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1500	37.42	9.88	47.30	66.00	-18.70	QP	
2		0.1770	21.76	9.87	31.63	54.63	-23.00	AVG	
3		0.4560	17.28	9.98	27.26	46.77	-19.51	AVG	
4		0.4785	24.26	10.02	34.28	56.37	-22.09	QP	
5		2.5889	15.36	9.79	25.15	46.00	-20.85	AVG	
6		2.6430	25.94	9.79	35.73	56.00	-20.27	QP	
7		7.6650	13.56	9.79	23.35	50.00	-26.65	AVG	
8		7.7280	20.87	9.79	30.66	60.00	-29.34	QP	
9		17.3715	39.38	9.84	49.22	60.00	-10.78	QP	
10	*	18.0015	30.89	9.84	40.73	50.00	-9.27	AVG	
11		23.8020	34.24	9.93	44.17	60.00	-15.83	QP	
12		23.8020	19.99	9.93	29.92	50.00	-20.08	AVG	

Neutral line:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1500	36.70	9.88	46.58	66.00	-19.42	QP	
2		0.1500	21.27	9.88	31.15	56.00	-24.85	AVG	
3		0.5235	25.18	10.03	35.21	56.00	-20.79	QP	
4		0.5235	17.43	10.03	27.46	46.00	-18.54	AVG	
5		2.0805	12.53	9.79	22.32	46.00	-23.68	AVG	
6		2.1345	21.55	9.79	31.34	56.00	-24.66	QP	
7		7.5615	14.70	9.79	24.49	60.00	-35.51	QP	
8		7.9215	4.64	9.80	14.44	50.00	-35.56	AVG	
9		18.0015	38.86	9.84	48.70	60.00	-11.30	QP	
10	*	18.0015	29.43	9.84	39.27	50.00	-10.73	AVG	
11		25.0980	35.55	9.95	45.50	60.00	-14.50	QP	
12		25.0980	22.40	9.95	32.35	50.00	-17.65	AVG	

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.

Appendix H): Restricted bands around fundamental frequency (Radiated)

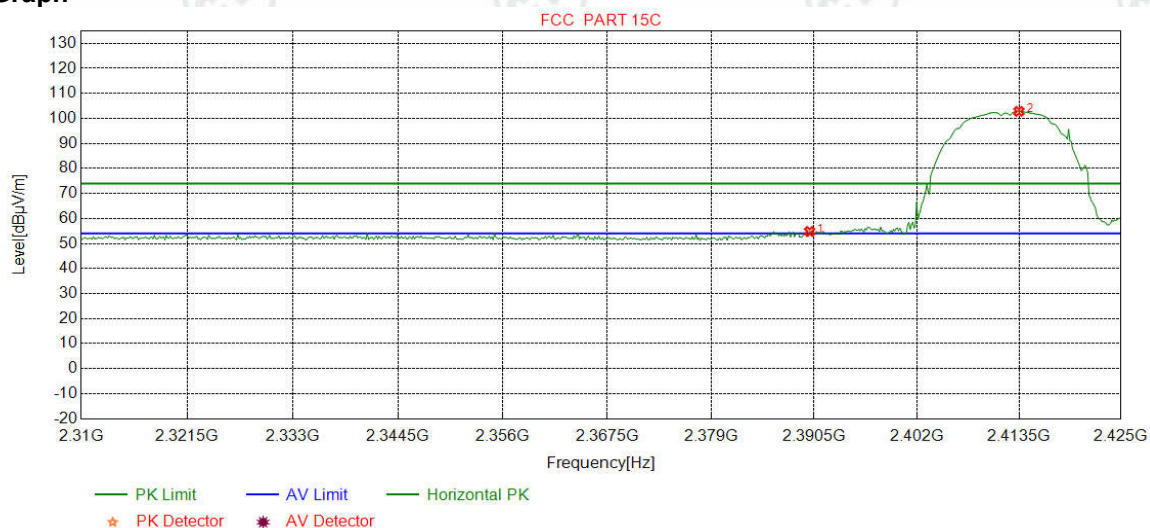
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
Test Procedure:	<p>Below 1GHz test procedure as below:</p> <ol style="list-style-type: none"> The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 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. 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 rotatable was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel <p>Above 1GHz test procedure as below:</p> <ol style="list-style-type: none"> Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter). Test the EUT in the lowest channel , the Highest channel The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. Repeat above procedures until all frequencies measured was complete. 				
Limit:	Frequency	Limit (dBμV/m @3m)	Remark		
	30MHz-88MHz	40.0	Quasi-peak Value		
	88MHz-216MHz	43.5	Quasi-peak Value		
	216MHz-960MHz	46.0	Quasi-peak Value		
	960MHz-1GHz	54.0	Quasi-peak Value		
	Above 1GHz	54.0	Average Value		
		74.0	Peak Value		

Test plot as follows:

ANT1

Mode:	802.11 b(1Mbps) Transmitting	Channel:	2412
Remark:	PK		

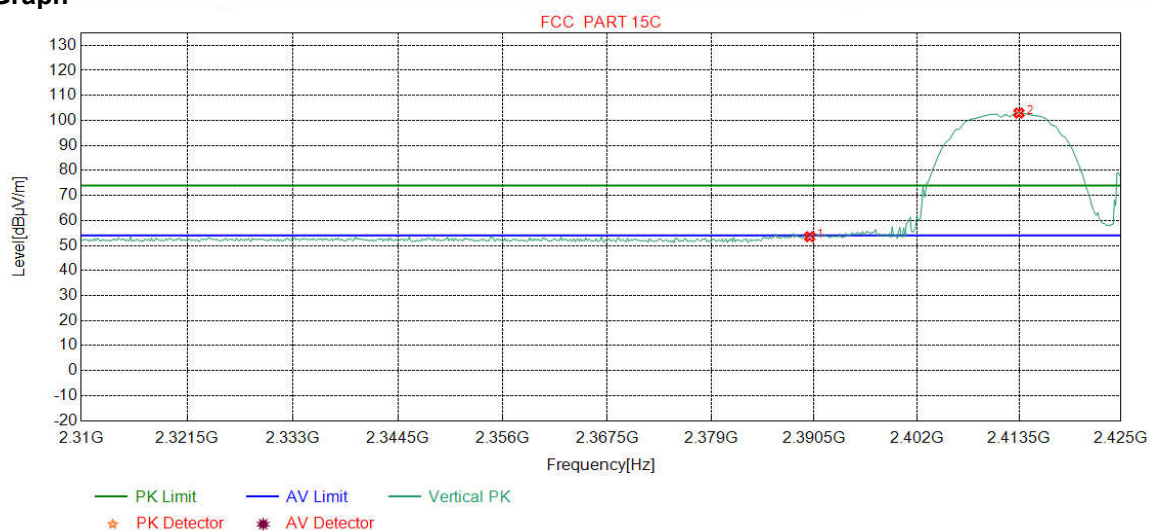
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	52.29	54.79	74.00	19.21	Pass	Horizontal
2	2413.4856	32.28	13.36	-43.12	100.29	102.81	74.00	-28.81	Pass	Horizontal

Mode:	802.11 b(1Mbps) Transmitting	Channel:	2412
Remark:	PK		

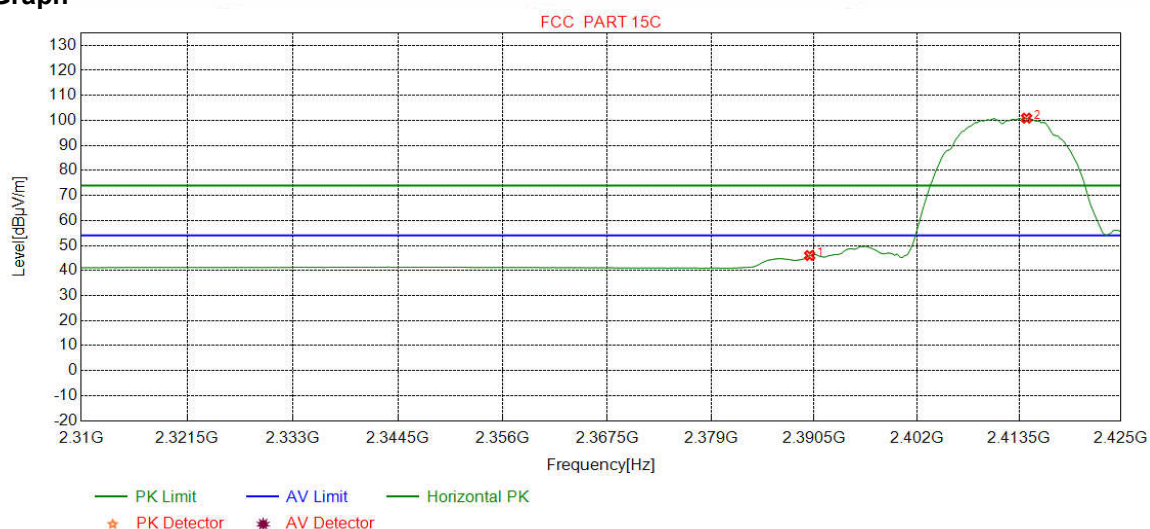
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	51.02	53.52	74.00	20.48	Pass	Vertical
2	2413.4856	32.28	13.36	-43.12	100.42	102.94	74.00	-28.94	Pass	Vertical

Mode:	802.11 b(1Mbps) Transmitting	Channel:	2412
Remark:	AV		

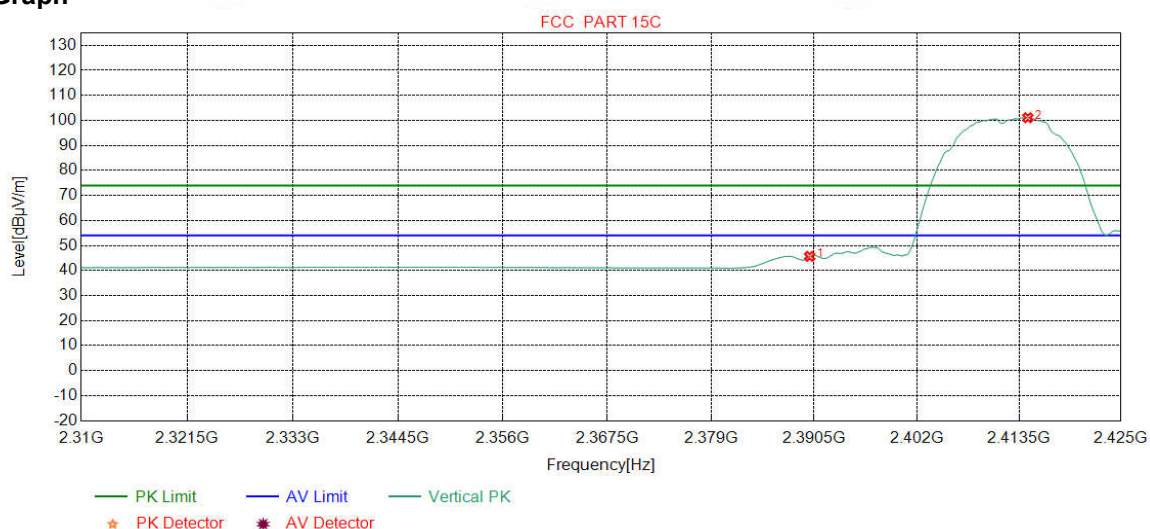
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	43.50	46.00	54.00	8.00	Pass	Horizontal
2	2414.3492	32.28	13.37	-43.12	98.38	100.91	54.00	-46.91	Pass	Horizontal

Mode:	802.11 b(1Mbps) Transmitting	Channel:	2412
Remark:	AV		

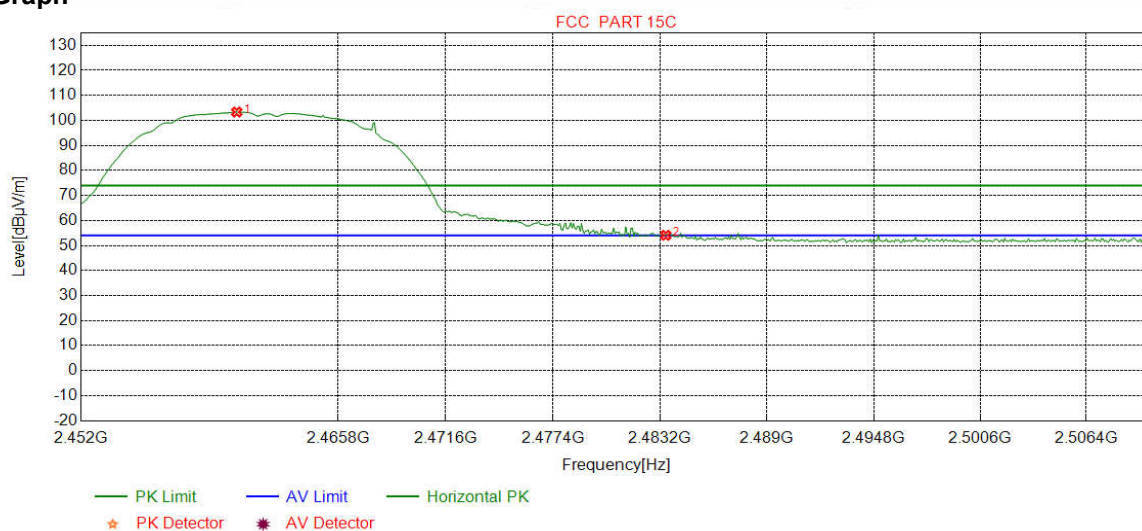
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	43.15	45.65	54.00	8.35	Pass	Vertical
2	2414.4931	32.28	13.37	-43.12	98.54	101.07	54.00	-47.07	Pass	Vertical

Mode:	802.11 b(1Mbps) Transmitting	Channel:	2462
Remark:	PK		

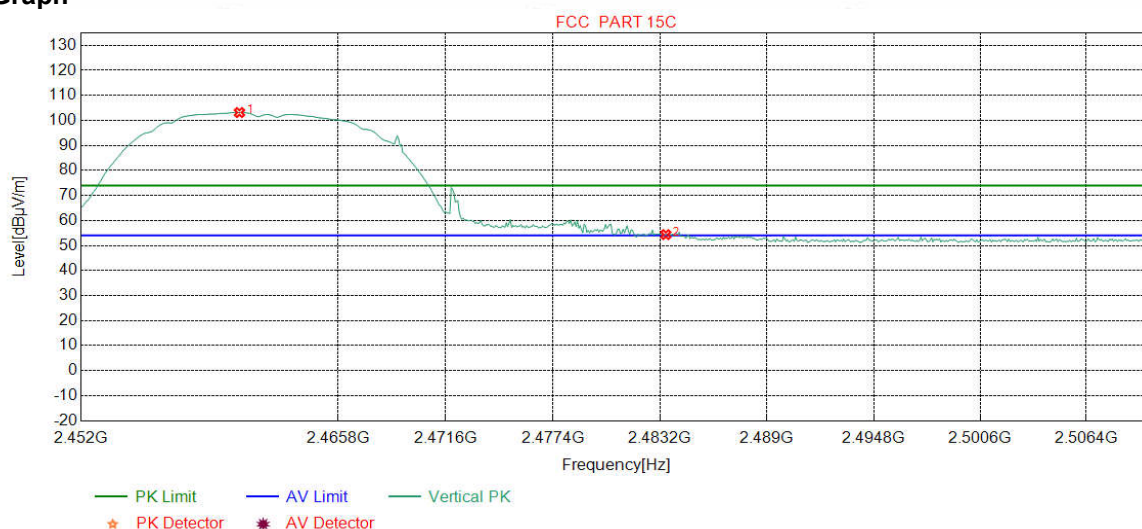
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2460.3479	32.34	13.48	-43.10	100.64	103.36	74.00	-29.36	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	51.45	54.10	74.00	19.90	Pass	Horizontal

Mode:	802.11 b(1Mbps) Transmitting	Channel:	2462
Remark:	PK		

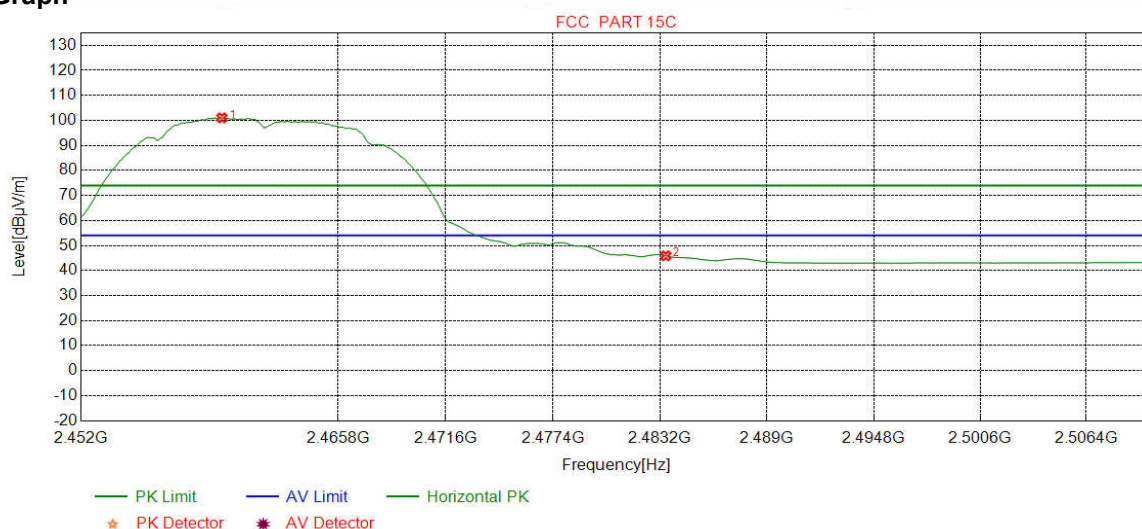
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2460.4931	32.34	13.48	-43.10	100.42	103.14	74.00	-29.14	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	51.71	54.36	74.00	19.64	Pass	Vertical

Mode:	802.11 b(1Mbps) Transmitting	Channel:	2462
Remark:	AV		

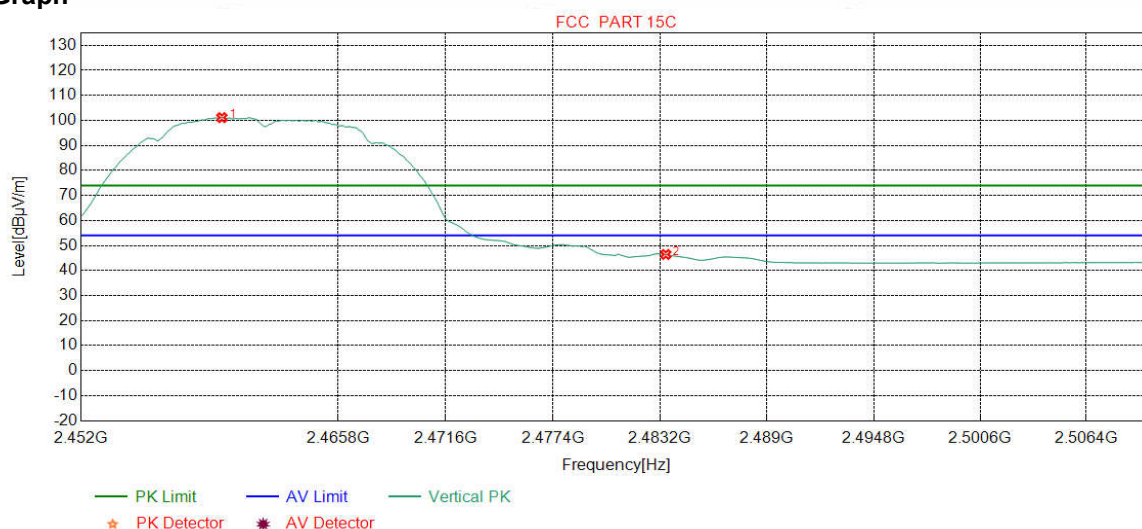
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2459.5494	32.34	13.49	-43.11	98.31	101.03	54.00	-47.03	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	43.23	45.88	54.00	8.12	Pass	Horizontal

Mode:	802.11 b(1Mbps) Transmitting	Channel:	2462
Remark:	AV		

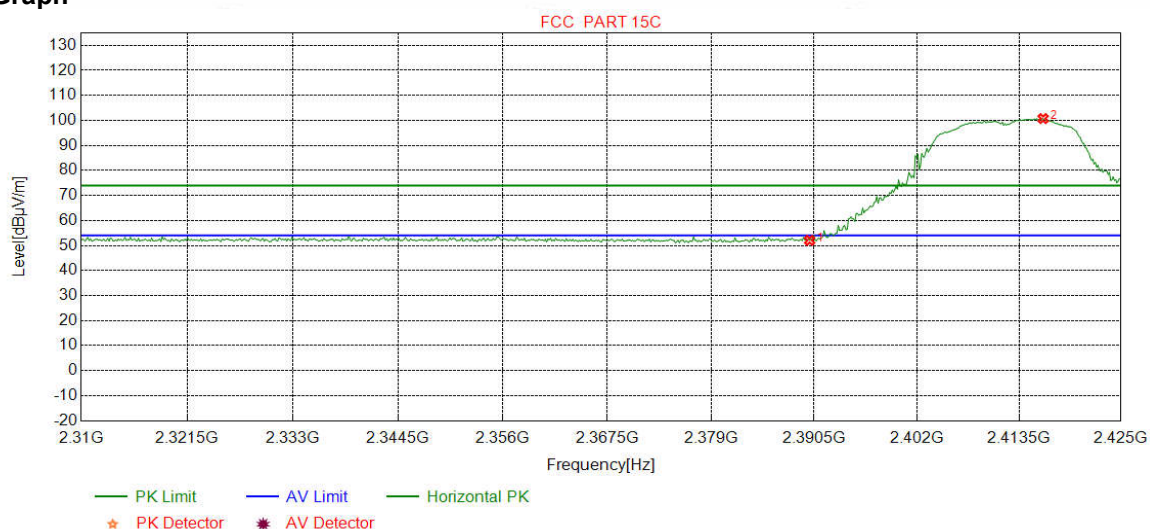
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2459.5494	32.34	13.49	-43.11	98.38	101.10	54.00	-47.10	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	43.77	46.42	54.00	7.58	Pass	Vertical

Mode:	802.11 g(6Mbps) Transmitting	Channel:	2412
Remark:	PK		

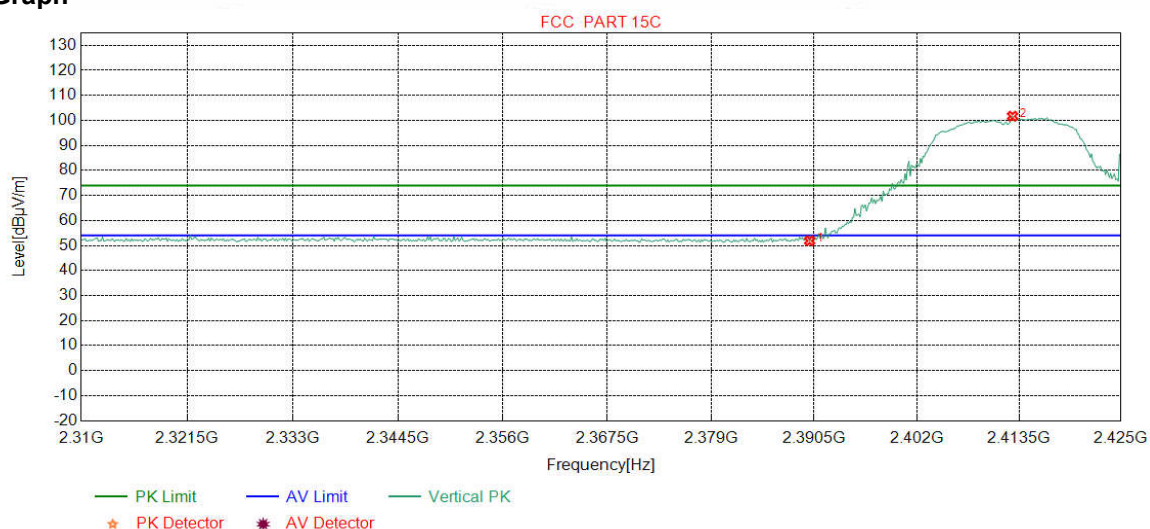
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.55	52.05	74.00	21.95	Pass	Horizontal
2	2416.2203	32.28	13.37	-43.11	98.18	100.72	74.00	-26.72	Pass	Horizontal

Mode:	802.11 g(6Mbps) Transmitting	Channel:	2412
Remark:	PK		

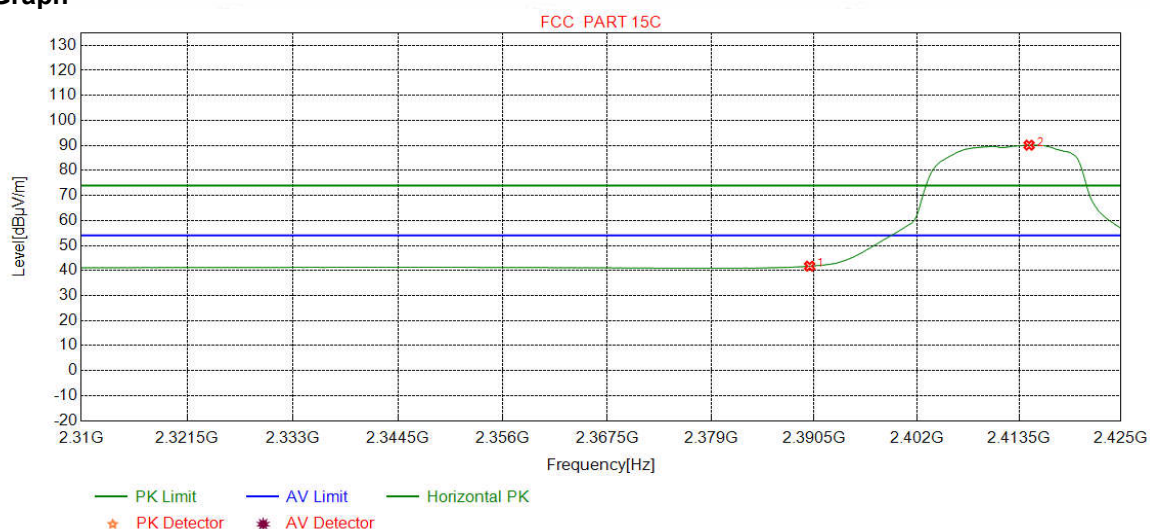
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.38	51.88	74.00	22.12	Pass	Vertical
2	2412.7660	32.28	13.36	-43.12	99.15	101.67	74.00	-27.67	Pass	Vertical

Mode:	802.11 g(6Mbps) Transmitting	Channel:	2412
Remark:	AV		

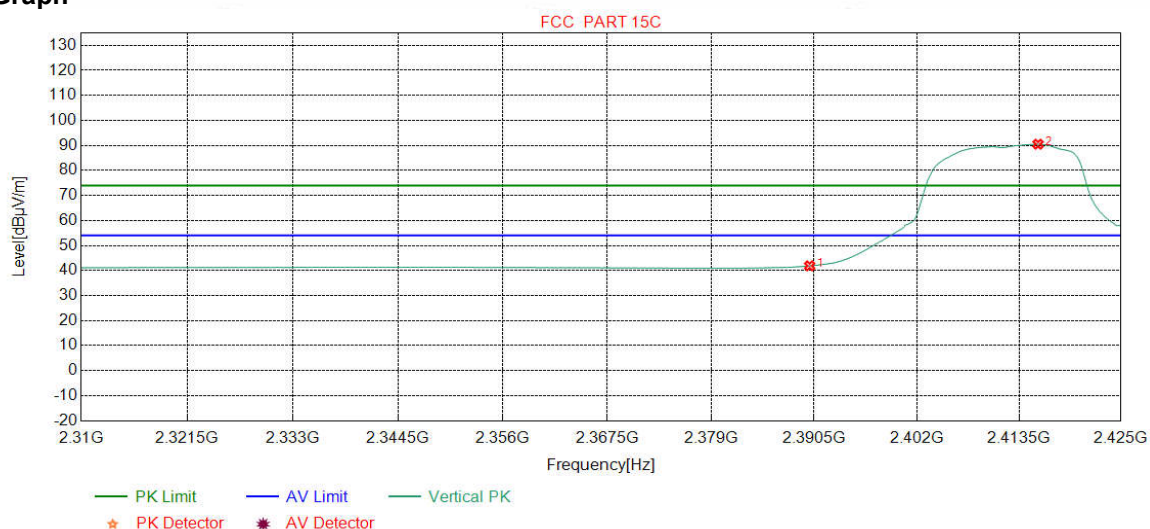
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	39.24	41.74	54.00	12.26	Pass	Horizontal
2	2414.6370	32.28	13.37	-43.12	87.57	90.10	54.00	-36.10	Pass	Horizontal

Mode:	802.11 g(6Mbps) Transmitting	Channel:	2412
Remark:	AV		

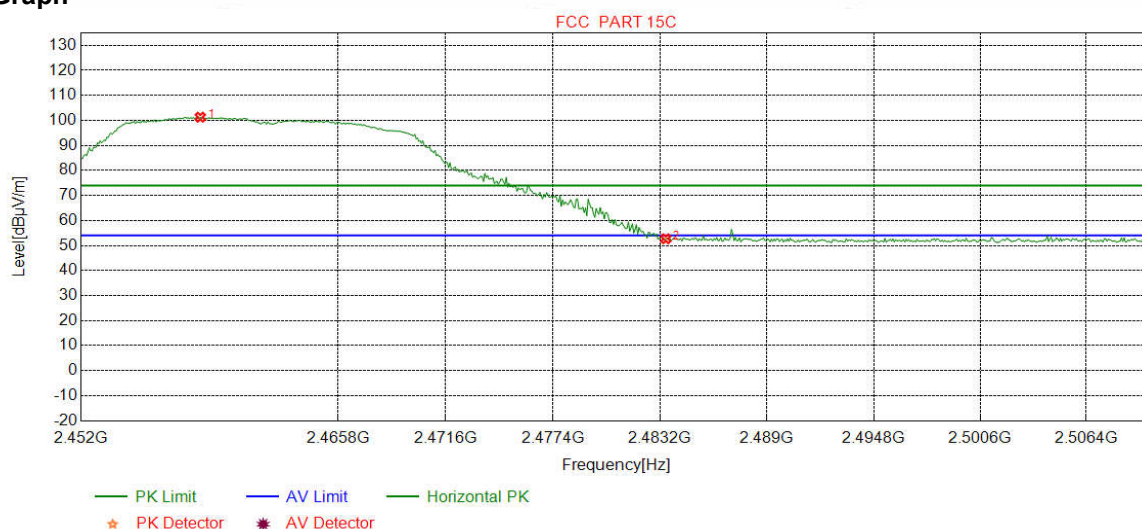
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	39.38	41.88	54.00	12.12	Pass	Vertical
2	2415.6446	32.28	13.37	-43.11	87.95	90.49	54.00	-36.49	Pass	Vertical

Mode:	802.11 g(6Mbps) Transmitting	Channel:	2462
Remark:	PK		

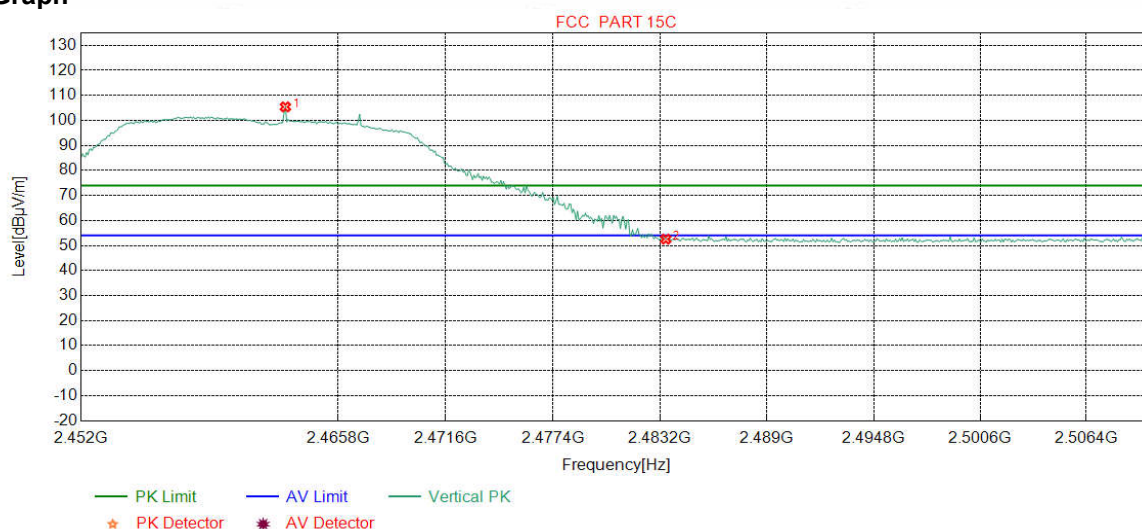
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2458.3880	32.34	13.49	-43.11	98.56	101.28	74.00	-27.28	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	50.05	52.70	74.00	21.30	Pass	Horizontal

Mode:	802.11 g(6Mbps) Transmitting	Channel:	2462
Remark:	PK		

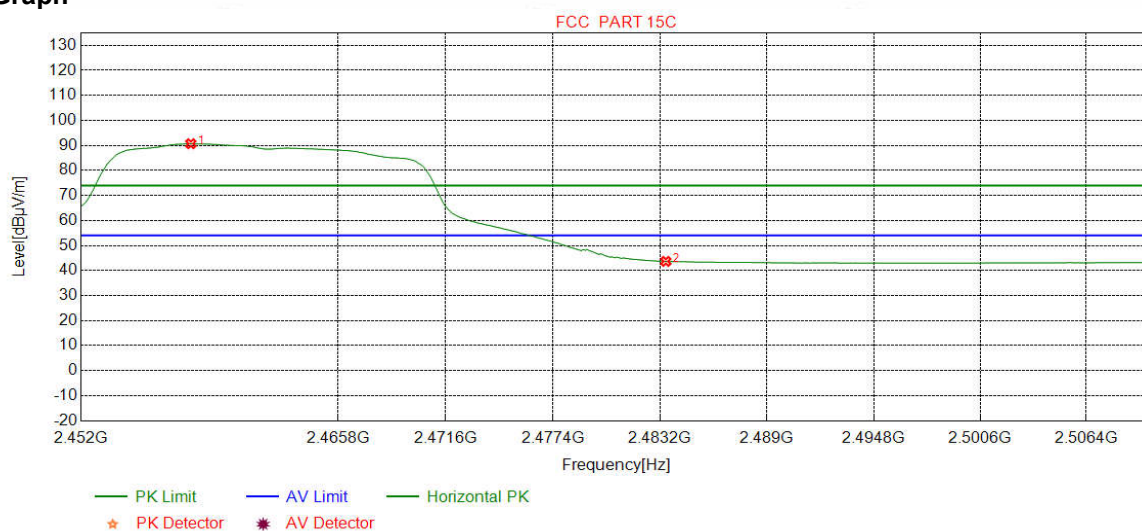
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2462.9612	32.35	13.47	-43.11	102.69	105.40	74.00	-31.40	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.90	52.55	74.00	21.45	Pass	Vertical

Mode:	802.11 g(6Mbps) Transmitting	Channel:	2462
Remark:	AV		

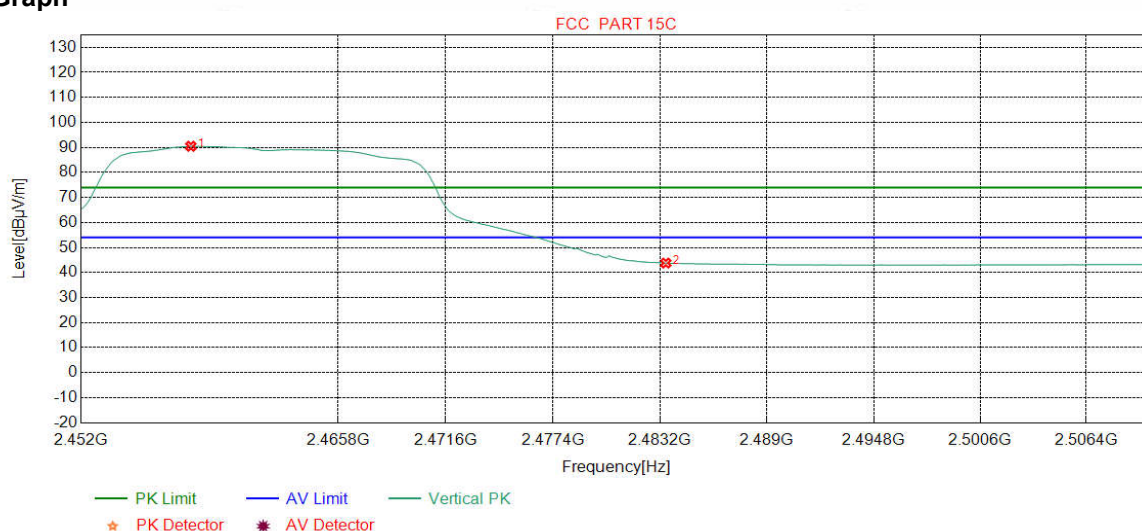
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2457.8799	32.34	13.49	-43.10	87.96	90.69	54.00	-36.69	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	41.01	43.66	54.00	10.34	Pass	Horizontal

Mode:	802.11 g(6Mbps) Transmitting	Channel:	2462
Remark:	AV		

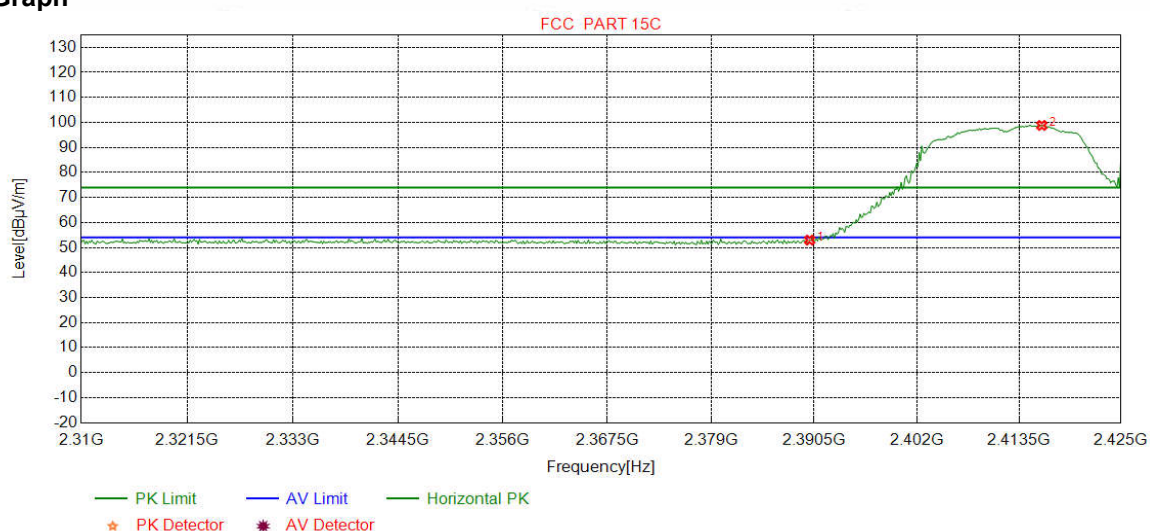
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2457.8799	32.34	13.49	-43.10	87.74	90.47	54.00	-36.47	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	41.13	43.78	54.00	10.22	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Chann	2412
Remark:	PK		

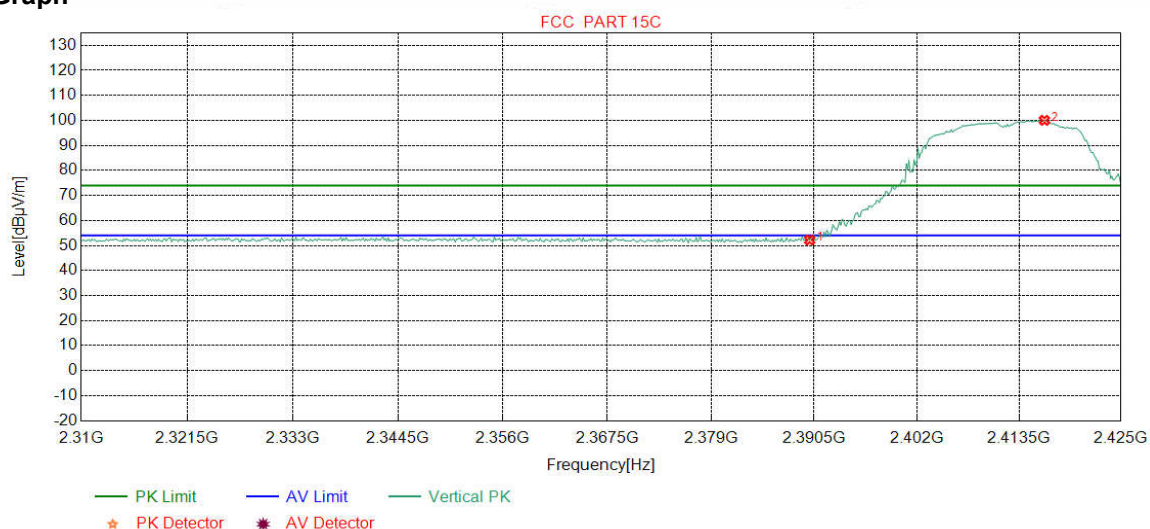
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	50.45	52.95	74.00	21.05	Pass	Horizontal
2	2416.0763	32.28	13.37	-43.11	96.26	98.80	74.00	-24.80	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Chann	2412
Remark:	PK		

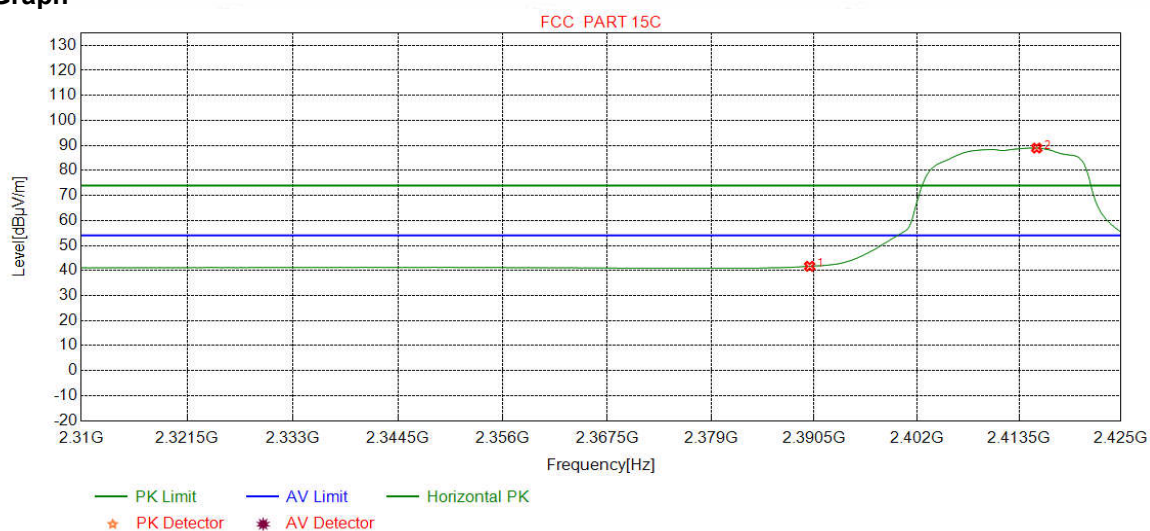
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.70	52.20	74.00	21.80	Pass	Vertical
2	2416.3642	32.28	13.38	-43.12	97.49	100.03	74.00	-26.03	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2412
Remark:	AV		

Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	39.19	41.69	54.00	12.31	Pass	Horizontal
2	2415.5006	32.28	13.37	-43.11	86.40	88.94	54.00	-34.94	Pass	Horizontal