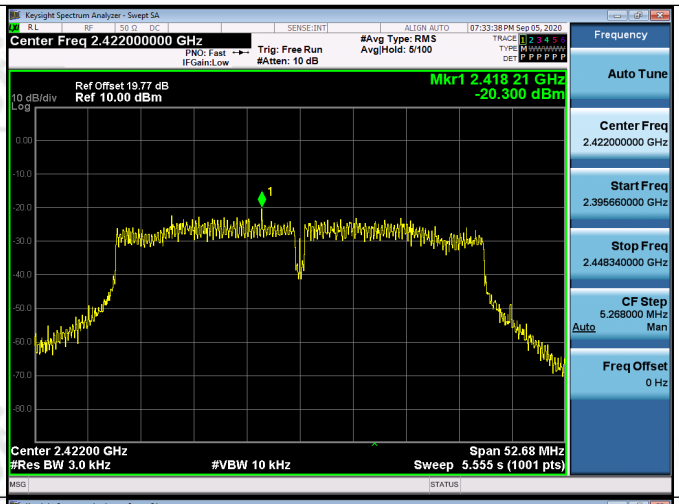
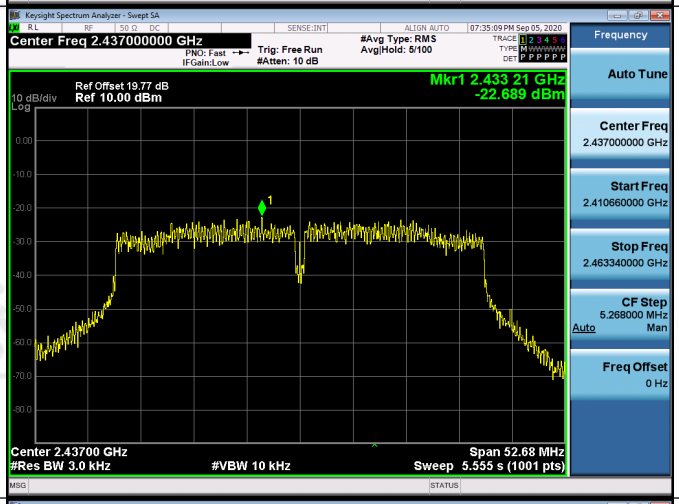
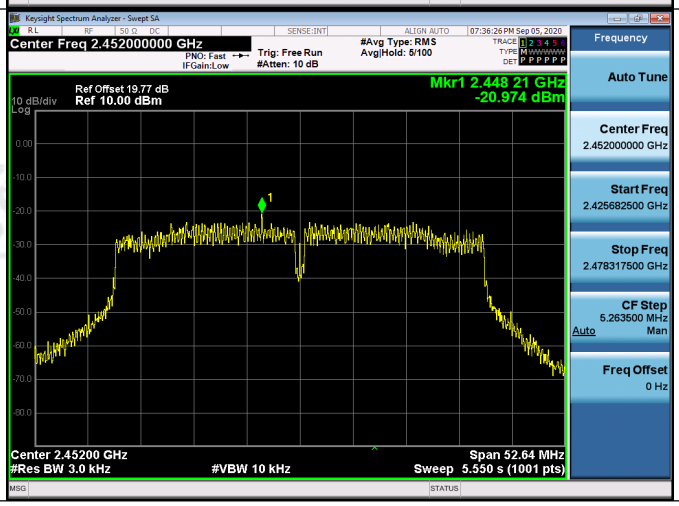
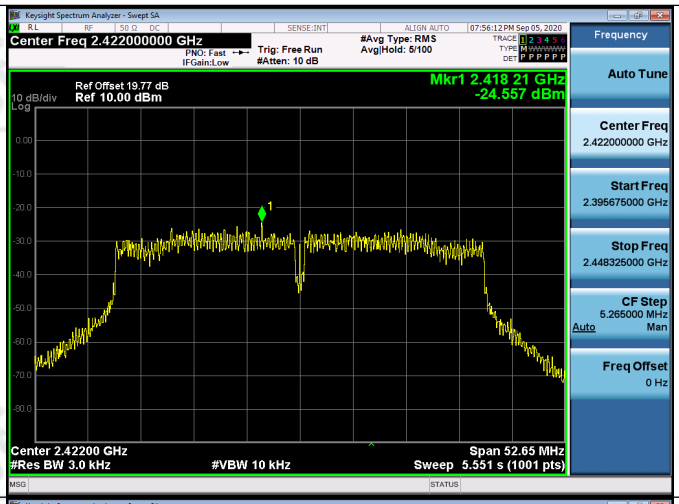
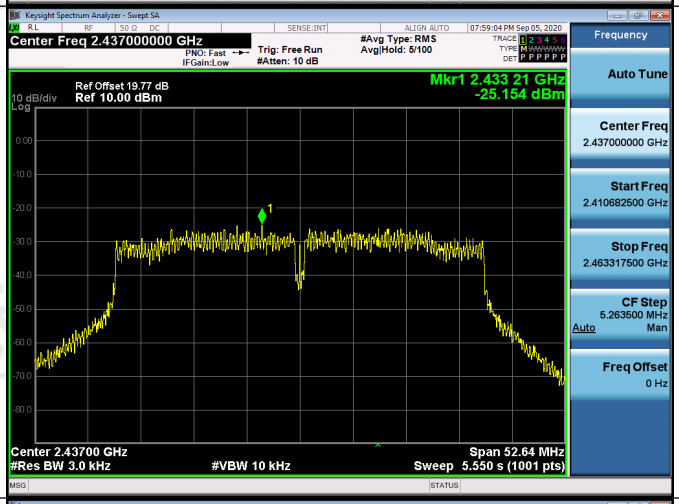
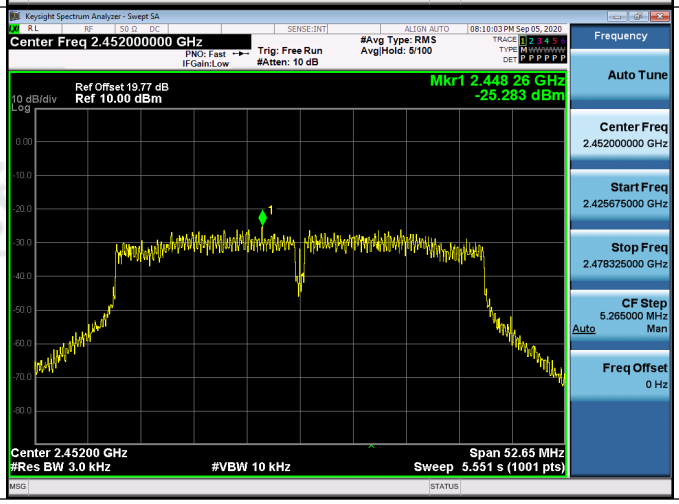
11N40SISO/LCH			
11N40SISO/MCH			
11N40SISO/HCH			

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

Appendix F): Antenna Requirement

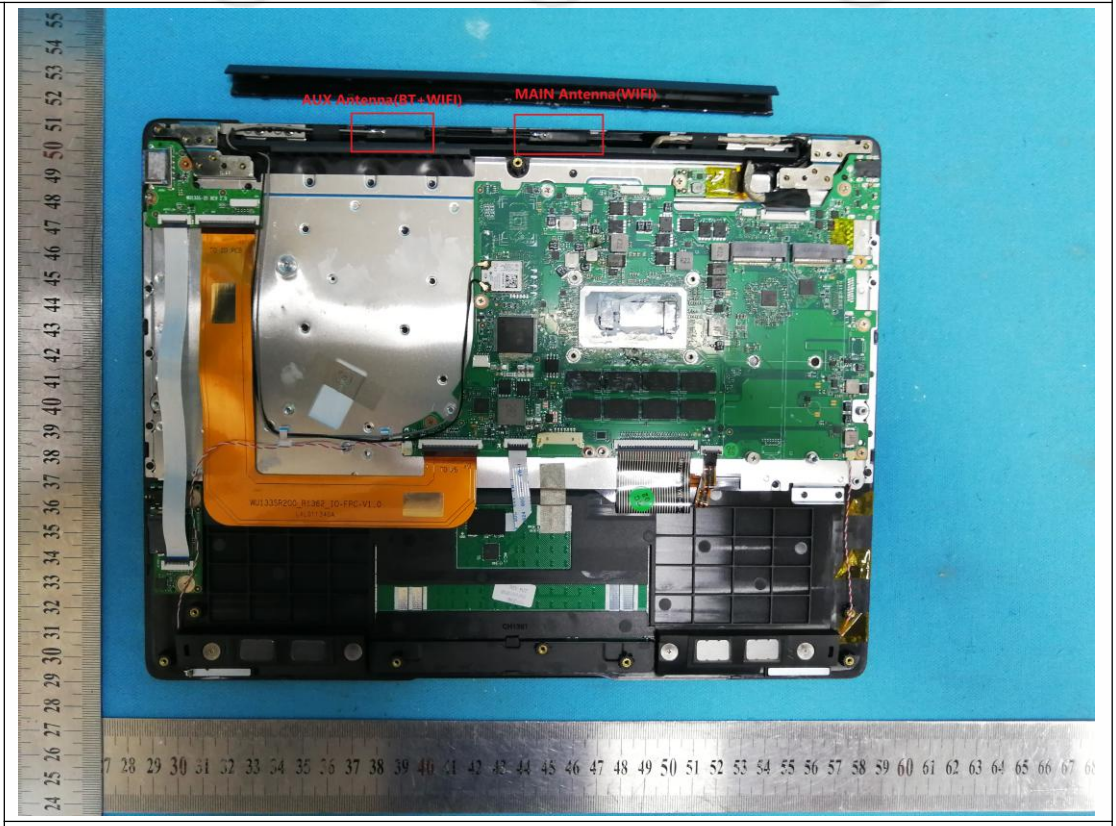
15.203 requirement:

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 FPC antenna. The best case gain of the antenna is 2.81dBi.

Appendix G): AC Power Line Conducted Emission

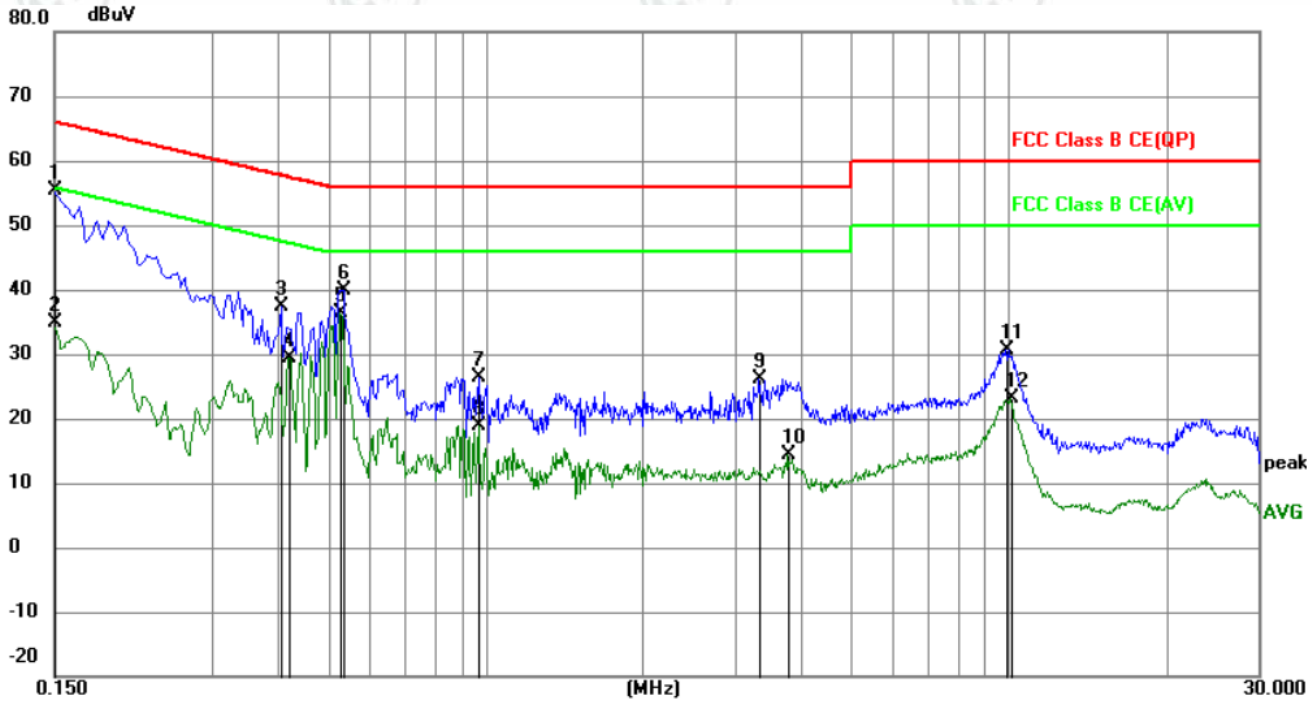
<table>
<tr><td>Test Procedure:</td><td>Test frequency range :150KHz-30MHz
1) The mains terminal disturbance voltage test was conducted in a shielded room.
2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. 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.</td></tr>
<tr><td>Limit:</td><td>
<table>
<tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBμV)</th></tr>
<tr><th>Quasi-peak</th><th>Average</th></tr>
<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>
</table>
* 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</td></tr>
</table>

Measurement Data

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

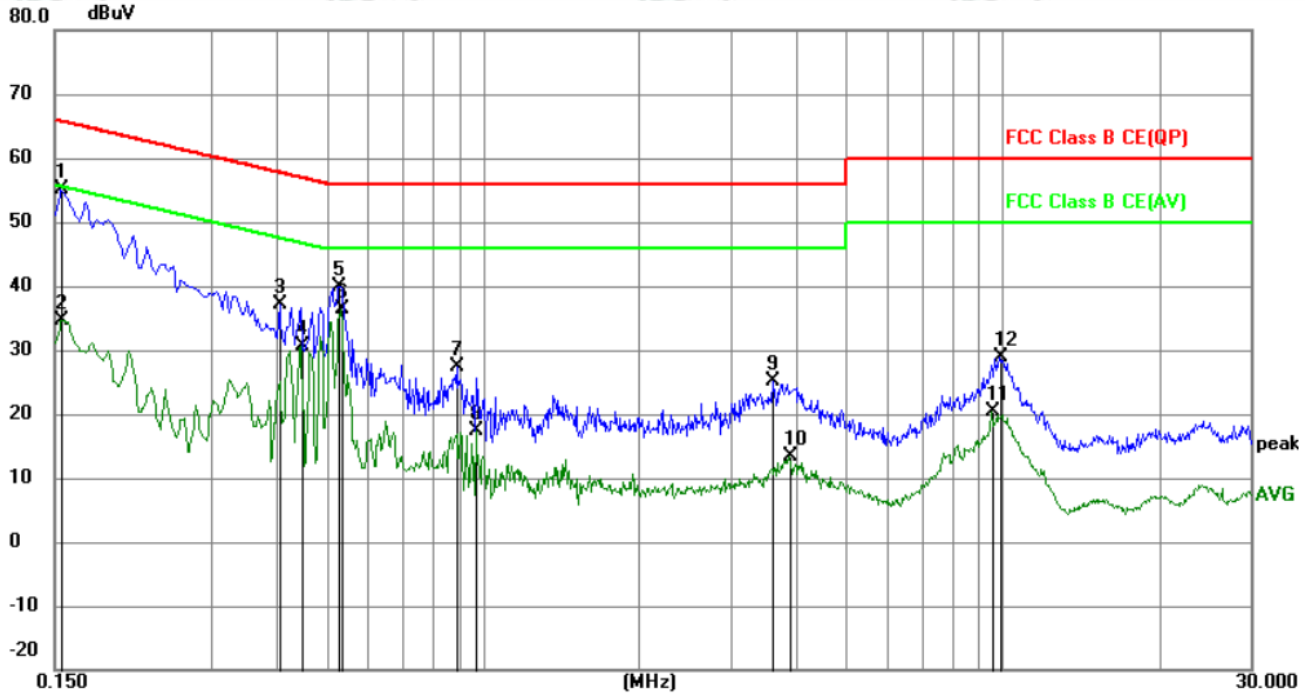
Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live line:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	45.44	9.87	55.31	66.00	-10.69	QP	
2		0.1500	24.94	9.87	34.81	56.00	-21.19	AVG	
3		0.4065	27.34	9.97	37.31	57.72	-20.41	QP	
4		0.4200	19.33	9.97	29.30	47.45	-18.15	AVG	
5	*	0.5280	26.32	9.98	36.30	46.00	-9.70	AVG	
6		0.5325	30.01	9.99	40.00	56.00	-16.00	QP	
7		0.9735	16.61	9.84	26.45	56.00	-29.55	QP	
8		0.9735	9.16	9.84	19.00	46.00	-27.00	AVG	
9		3.3315	16.41	9.79	26.20	56.00	-29.80	QP	
10		3.7860	4.57	9.78	14.35	46.00	-31.65	AVG	
11		9.8925	20.82	9.78	30.60	60.00	-29.40	QP	
12		10.0770	13.30	9.78	23.08	50.00	-26.92	AVG	

Neutral line:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1545	45.33	9.87	55.20	65.75	-10.55	QP	
2		0.1545	24.76	9.87	34.63	55.75	-21.12	AVG	
3		0.4065	27.10	9.97	37.07	57.72	-20.65	QP	
4		0.4470	20.60	9.96	30.56	46.93	-16.37	AVG	
5		0.5280	29.86	9.98	39.84	56.00	-16.16	QP	
6	*	0.5325	26.39	9.99	36.38	46.00	-9.62	AVG	
7		0.8925	17.42	9.85	27.27	56.00	-28.73	QP	
8		0.9735	7.57	9.84	17.41	46.00	-28.59	AVG	
9		3.6105	15.44	9.78	25.22	56.00	-30.78	QP	
10		3.8895	3.67	9.78	13.45	46.00	-32.55	AVG	
11		9.5100	10.70	9.78	20.48	50.00	-29.52	AVG	
12		9.8969	19.01	9.78	28.79	60.00	-31.21	QP	

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:

Below 1GHz test procedure as below:

Test method Refer as KDB 558074 D01

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. 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.
d. 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.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. 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

Above 1GHz test procedure as below:

g. 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).
h. Test the EUT in the lowest channel , the Highest channel
i. 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.
j. Repeat above procedures until all frequencies measured was complete.

Limit:

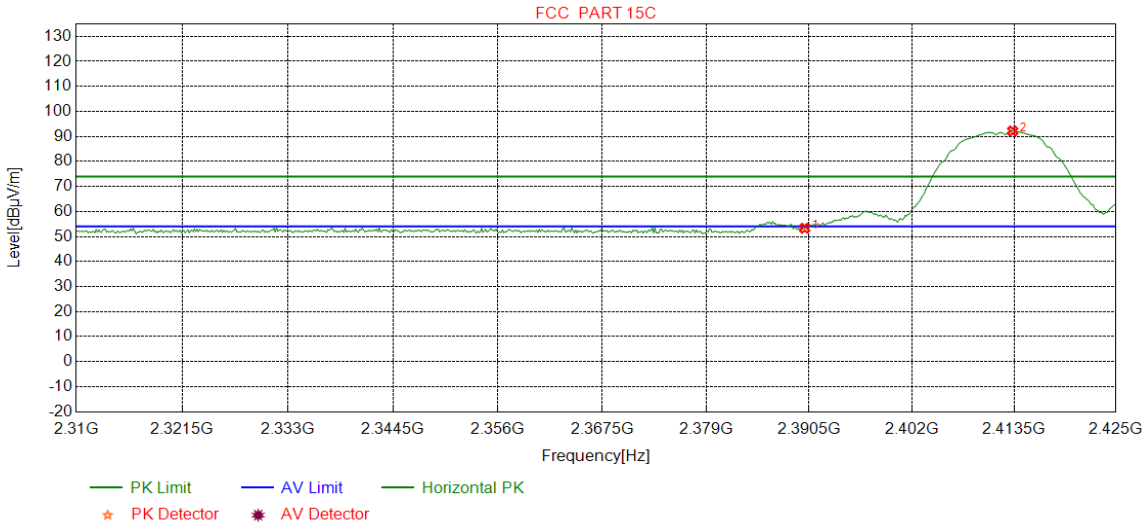
Frequency	Limit (dBμV/m @3m)	Remark
30MHz-88MHz	40.0	Quasi-peak Value
88MHz-216MHz	43.5	Quasi-peak Value
216MHz-960MHz	46.0	Quasi-peak Value
960MHz-1GHz	54.0	Quasi-peak Value
Above 1GHz	54.0	Average Value
	74.0	Peak Value

Test plot as follows:

Ant1:

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

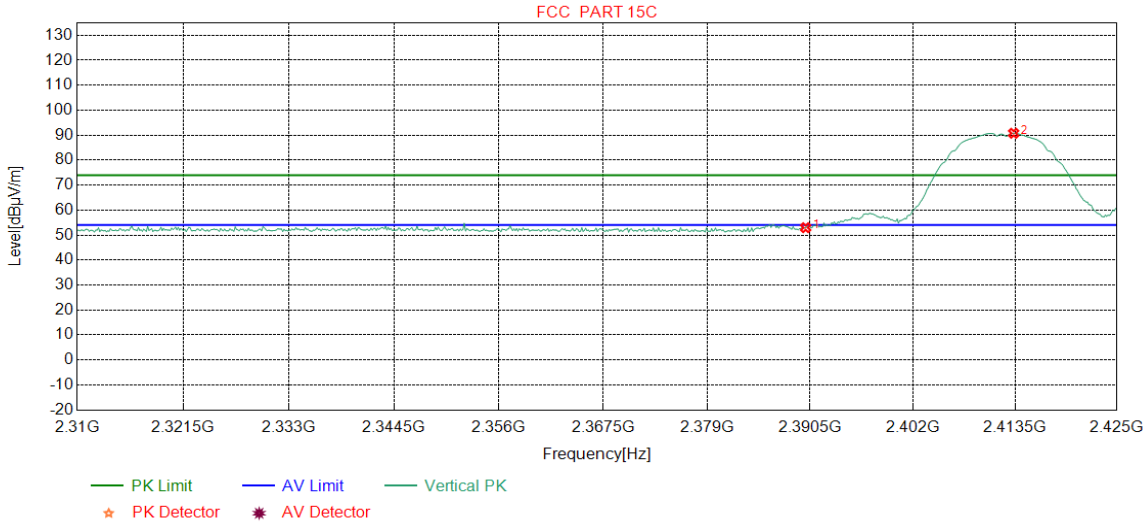
Test Graph



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	50.81	53.31	74.00	20.69	Pass	Horizontal
2	2413.3417	32.28	13.36	-43.12	89.64	92.16	74.00	-18.16	Pass	Horizontal

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

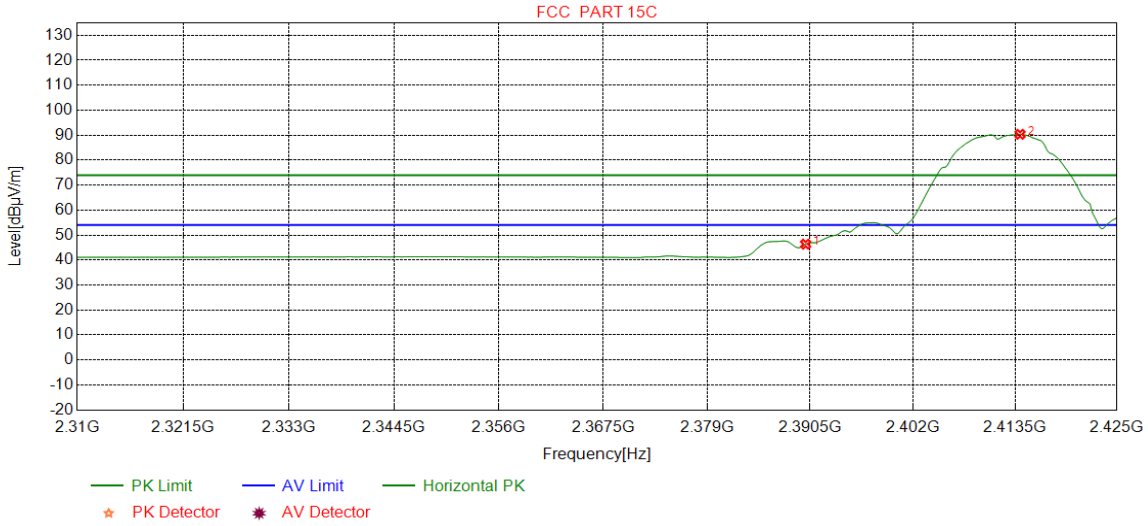
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp 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	Vertical
2	2413.3417	32.28	13.36	-43.12	88.24	90.76	74.00	-16.76	Pass	Vertical

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

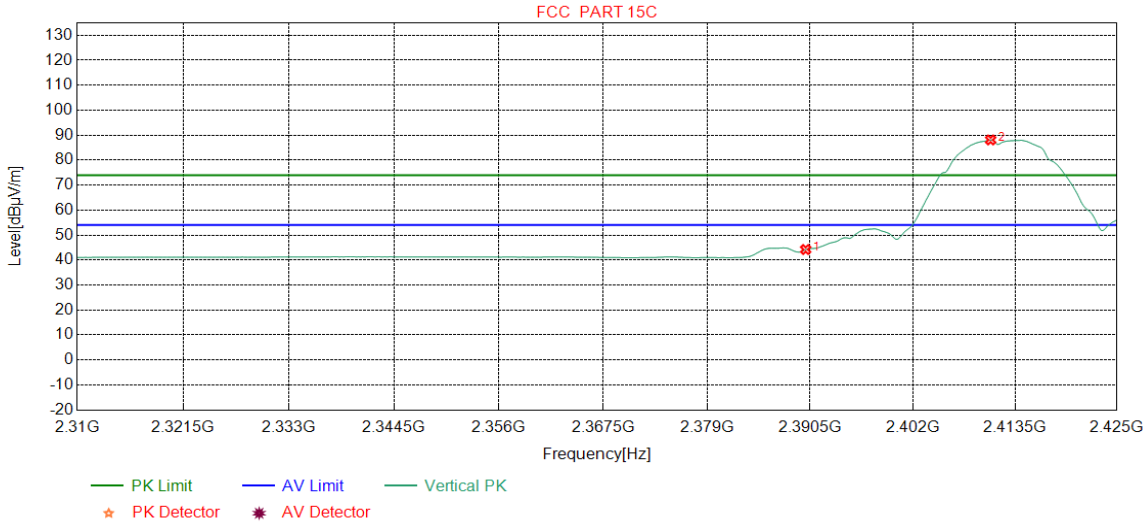
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	43.86	46.36	54.00	7.64	Pass	Horizontal
2	2414.0613	32.28	13.36	-43.11	87.82	90.35	54.00	-36.35	Pass	Horizontal

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

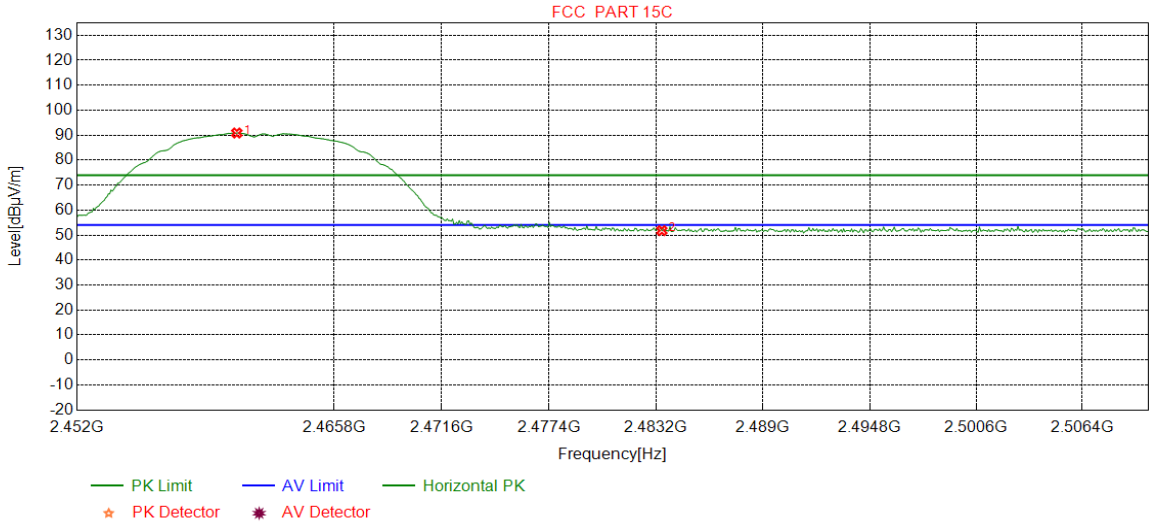
Test Graph



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	41.72	44.22	54.00	9.78	Pass	Vertical
2	2410.7509	32.28	13.35	-43.12	85.59	88.10	54.00	-34.10	Pass	Vertical

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

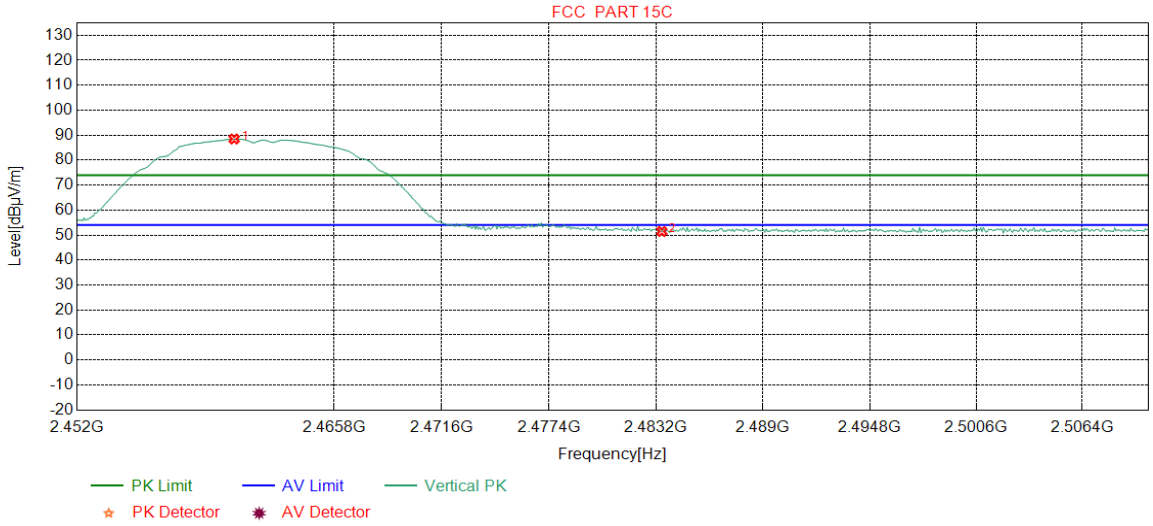
Test Graph



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	2460.5657	32.34	13.48	-43.10	88.15	90.87	74.00	-16.87	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.12	51.77	74.00	22.23	Pass	Horizontal

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

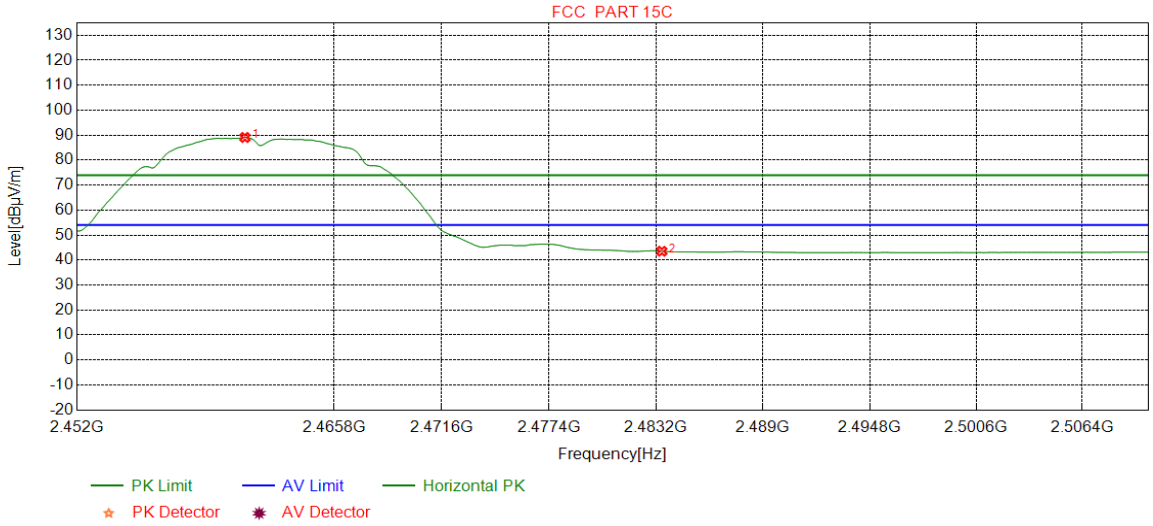
Test Graph



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	2460.4205	32.34	13.48	-43.10	85.76	88.48	74.00	-14.48	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	48.78	51.43	74.00	22.57	Pass	Vertical

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

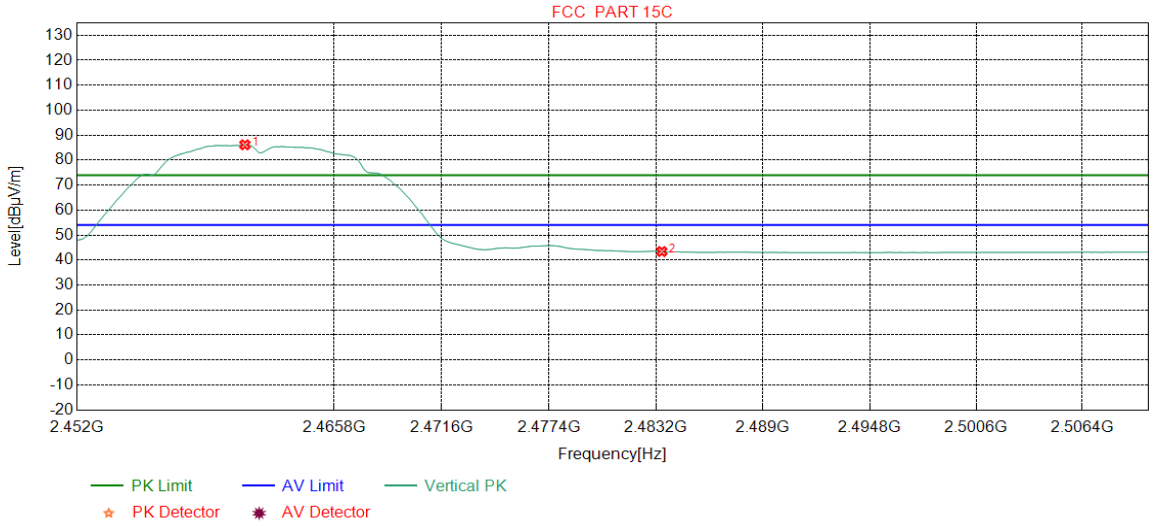
Test Graph



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	2461.0013	32.35	13.48	-43.11	86.36	89.08	54.00	-35.08	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.87	43.52	54.00	10.48	Pass	Horizontal

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

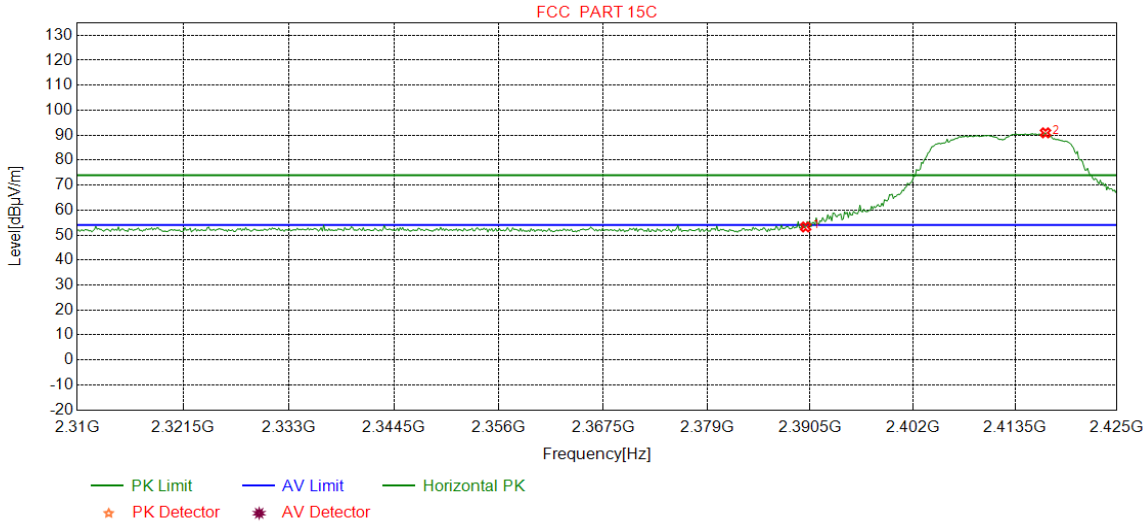
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2461.0013	32.35	13.48	-43.11	83.43	86.15	54.00	-32.15	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.76	43.41	54.00	10.59	Pass	Vertical

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

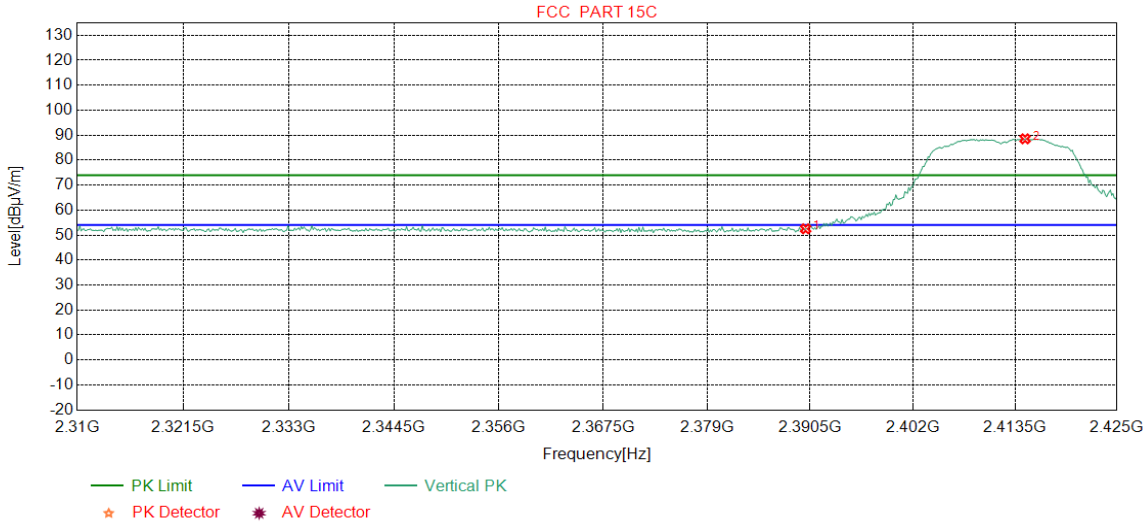
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	50.73	53.23	74.00	20.77	Pass	Horizontal
2	2416.9399	32.28	13.38	-43.11	88.39	90.94	74.00	-16.94	Pass	Horizontal

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

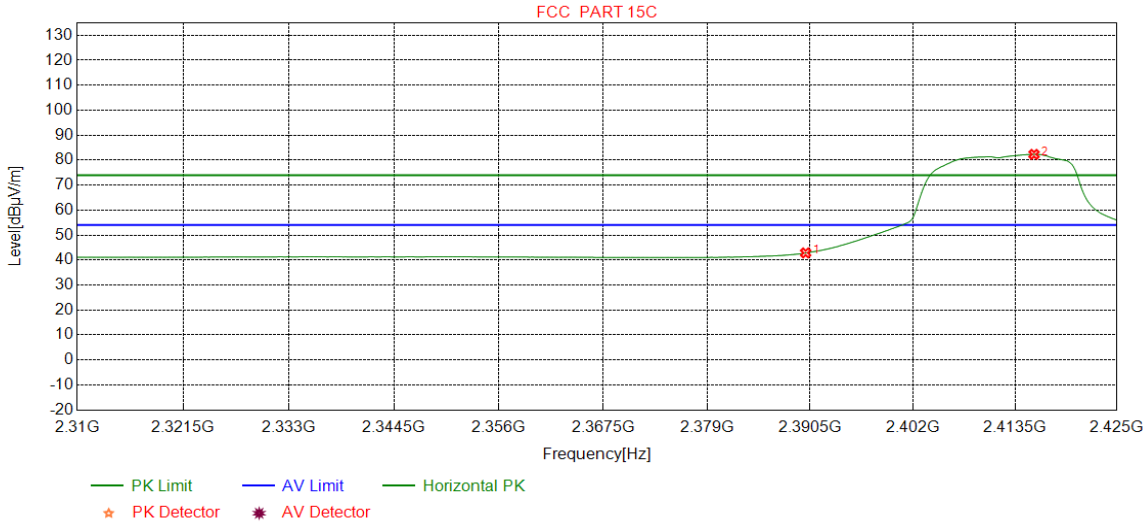
Test Graph



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	50.00	52.50	74.00	21.50	Pass	Vertical
2	2414.6370	32.28	13.37	-43.12	86.01	88.54	74.00	-14.54	Pass	Vertical

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

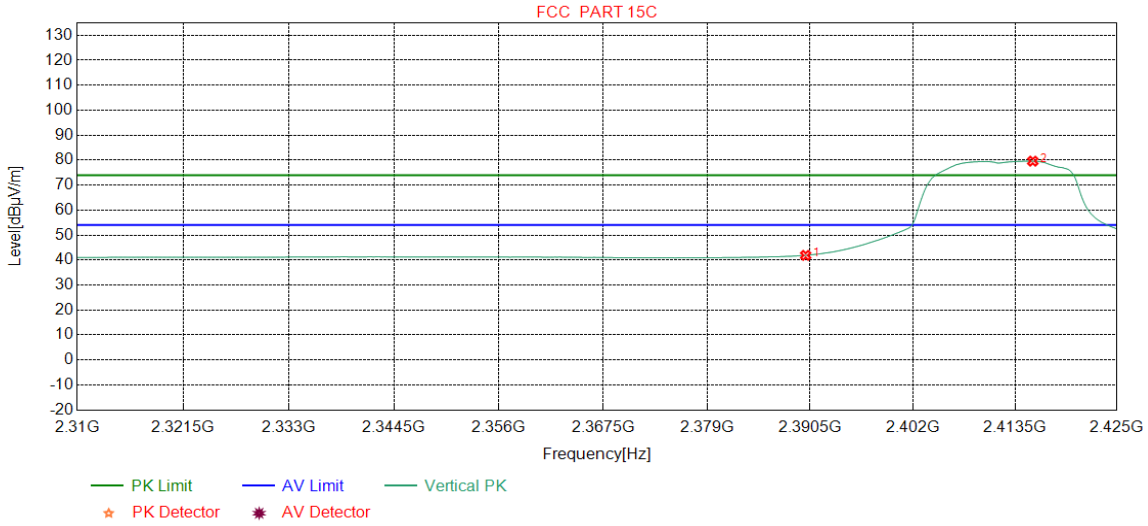
Test Graph



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	40.36	42.86	54.00	11.14	Pass	Horizontal
2	2415.6446	32.28	13.37	-43.11	79.78	82.32	54.00	-28.32	Pass	Horizontal

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

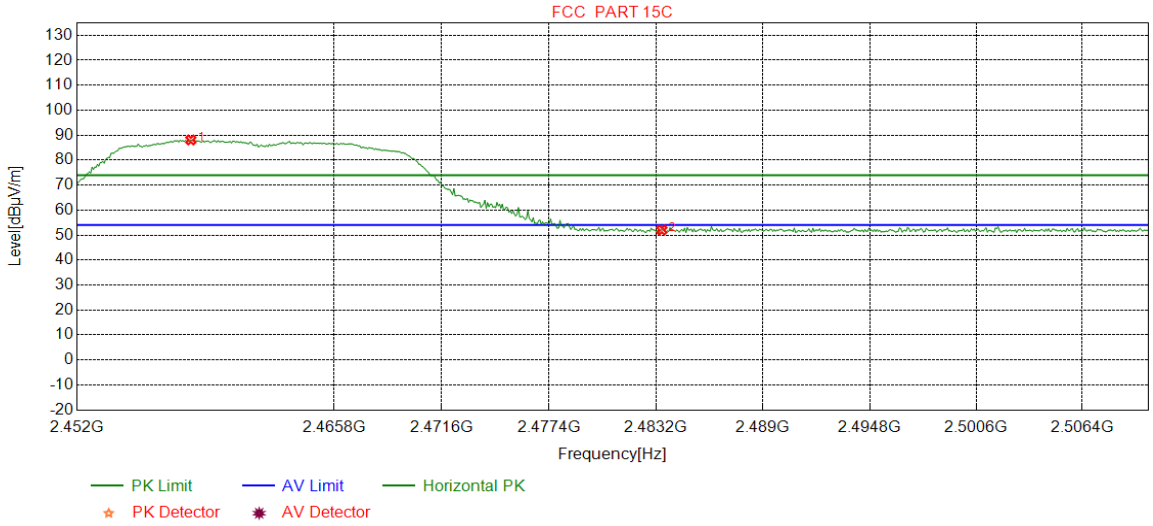
Test Graph



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	39.37	41.87	54.00	12.13	Pass	Vertical
2	2415.5006	32.28	13.37	-43.11	77.05	79.59	54.00	-25.59	Pass	Vertical

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

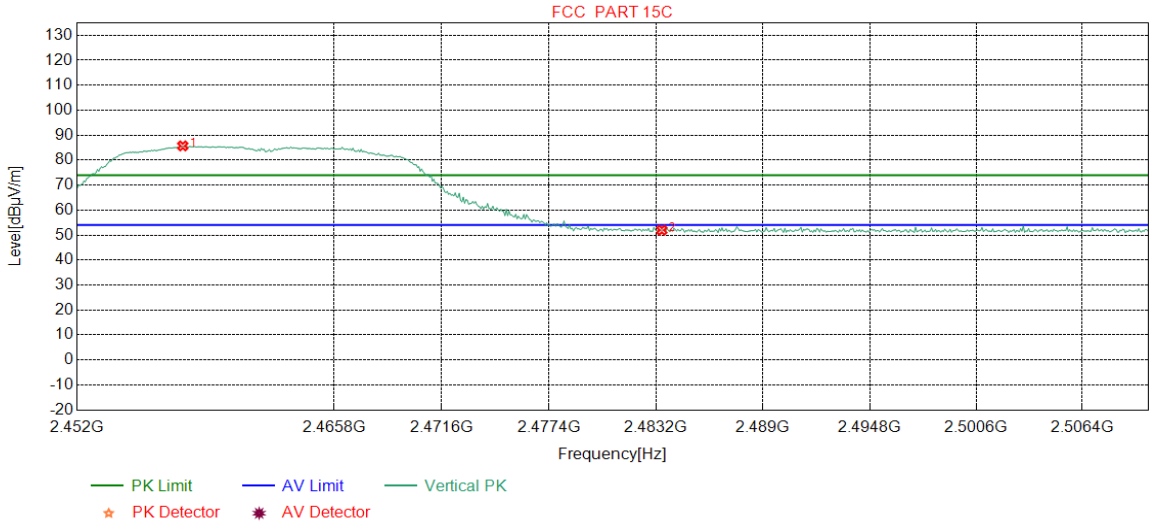
Test Graph



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	2458.0976	32.34	13.49	-43.10	85.36	88.09	74.00	-14.09	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.34	51.99	74.00	22.01	Pass	Horizontal

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

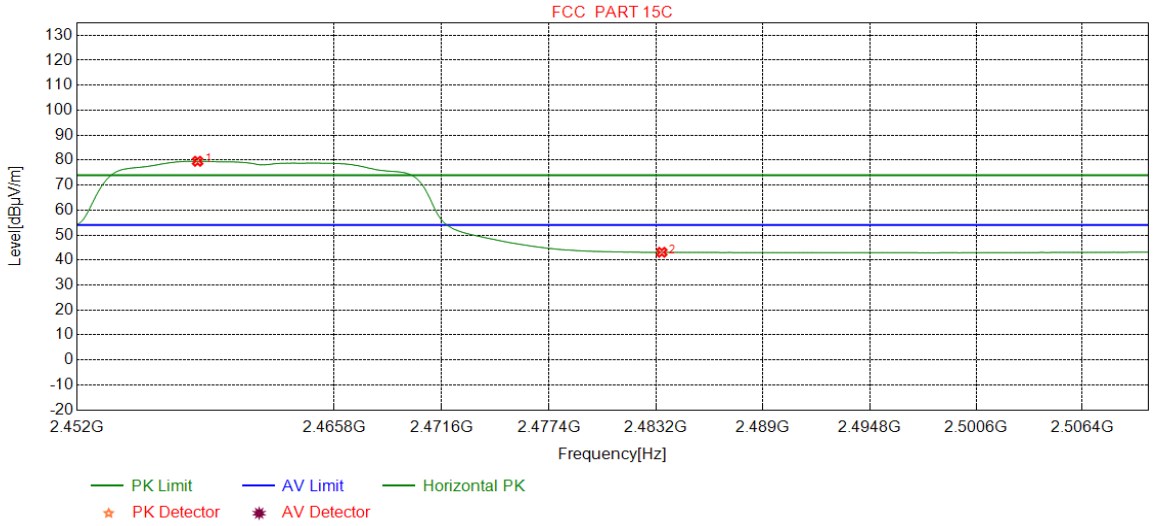
Test Graph



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	2457.6621	32.34	13.49	-43.10	82.97	85.70	74.00	-11.70	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.30	51.95	74.00	22.05	Pass	Vertical

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

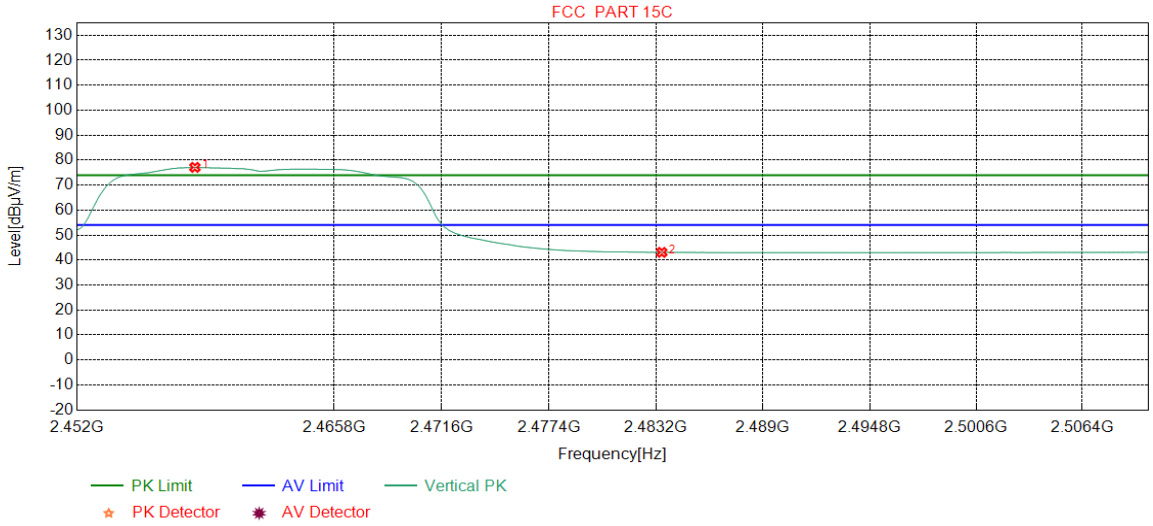
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2458.4606	32.34	13.49	-43.11	76.83	79.55	54.00	-25.55	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.46	43.11	54.00	10.89	Pass	Horizontal

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

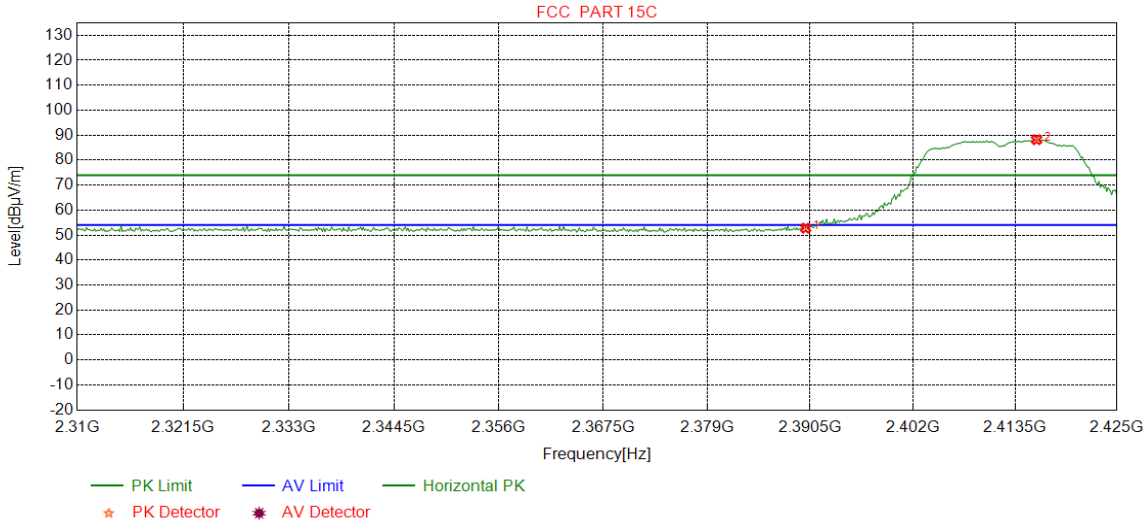
Test Graph



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	2458.3154	32.34	13.49	-43.10	74.38	77.11	54.00	-23.11	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.42	43.07	54.00	10.93	Pass	Vertical

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

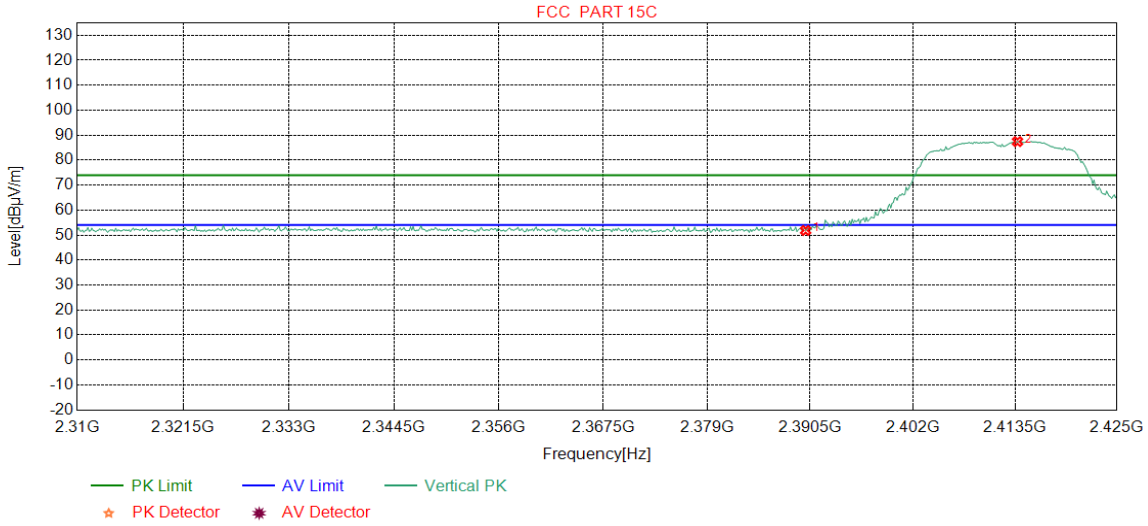
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	50.26	52.76	74.00	21.24	Pass	Horizontal
2	2415.9324	32.28	13.37	-43.11	85.64	88.18	74.00	-14.18	Pass	Horizontal

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

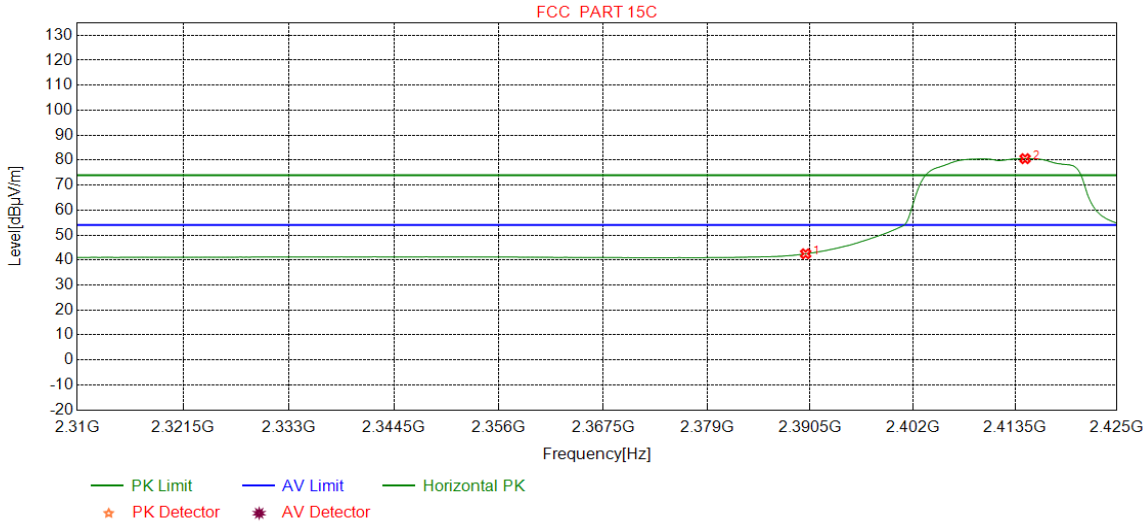
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.33	51.83	74.00	22.17	Pass	Vertical
2	2413.7735	32.28	13.36	-43.11	84.90	87.43	74.00	-13.43	Pass	Vertical

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

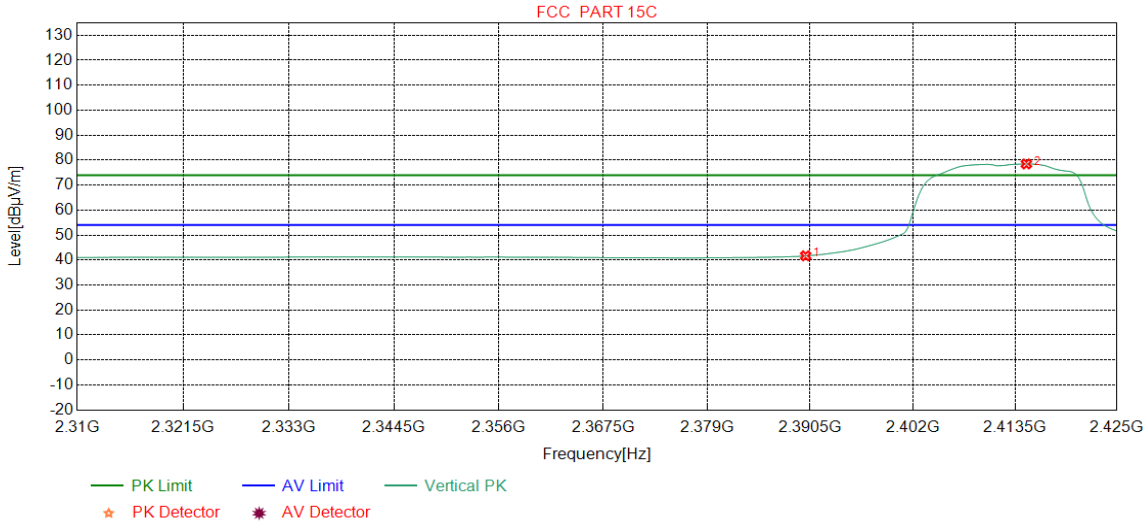
Test Graph



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	40.02	42.52	54.00	11.48	Pass	Horizontal
2	2414.6370	32.28	13.37	-43.12	78.06	80.59	54.00	-26.59	Pass	Horizontal

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

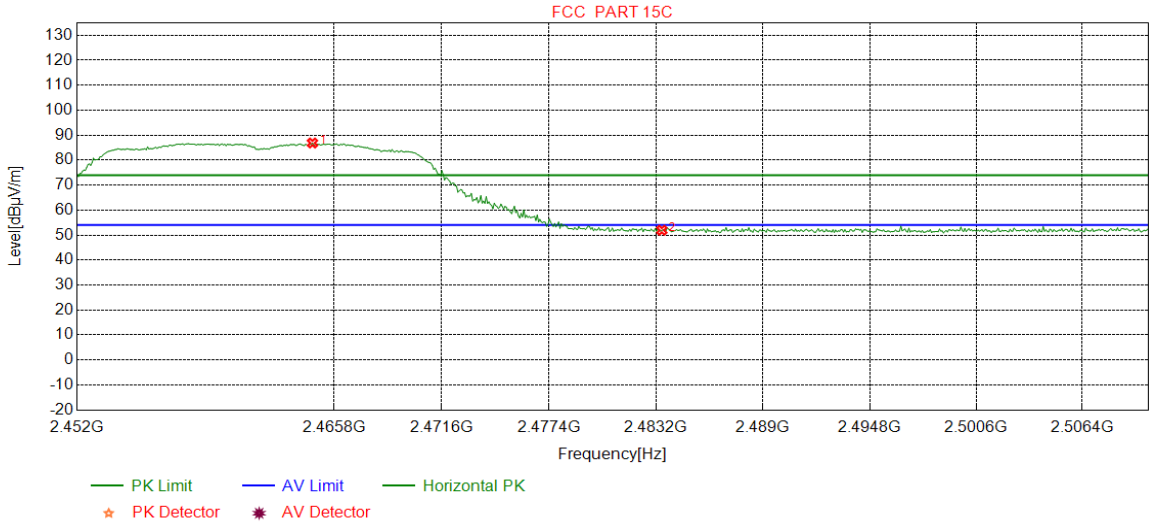
Test Graph



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	Vertical
2	2414.7810	32.28	13.37	-43.12	75.95	78.48	54.00	-24.48	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	PK		

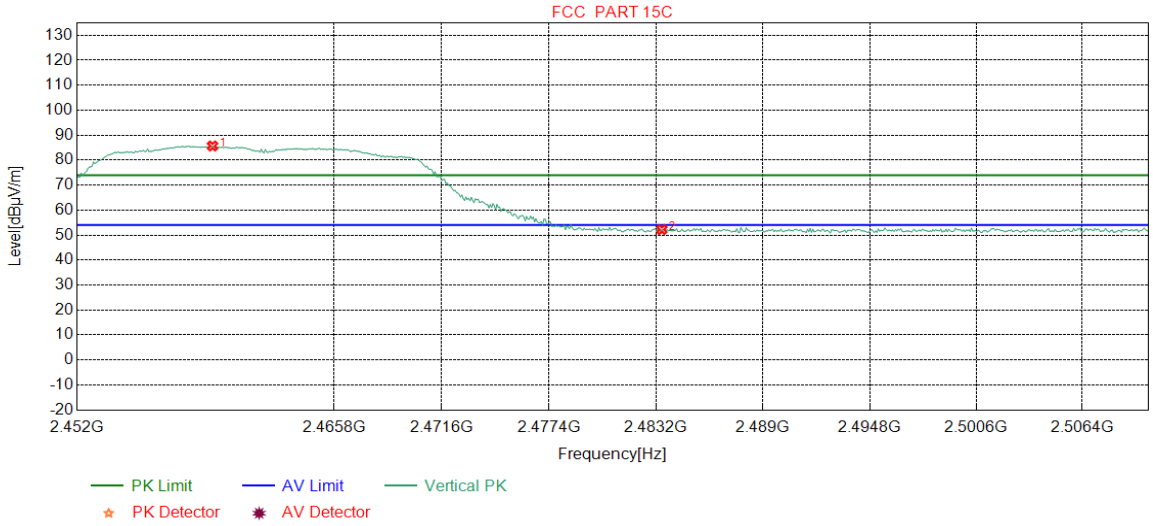
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2464.6308	32.35	13.46	-43.10	84.15	86.86	74.00	-12.86	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.28	51.93	74.00	22.07	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	PK		

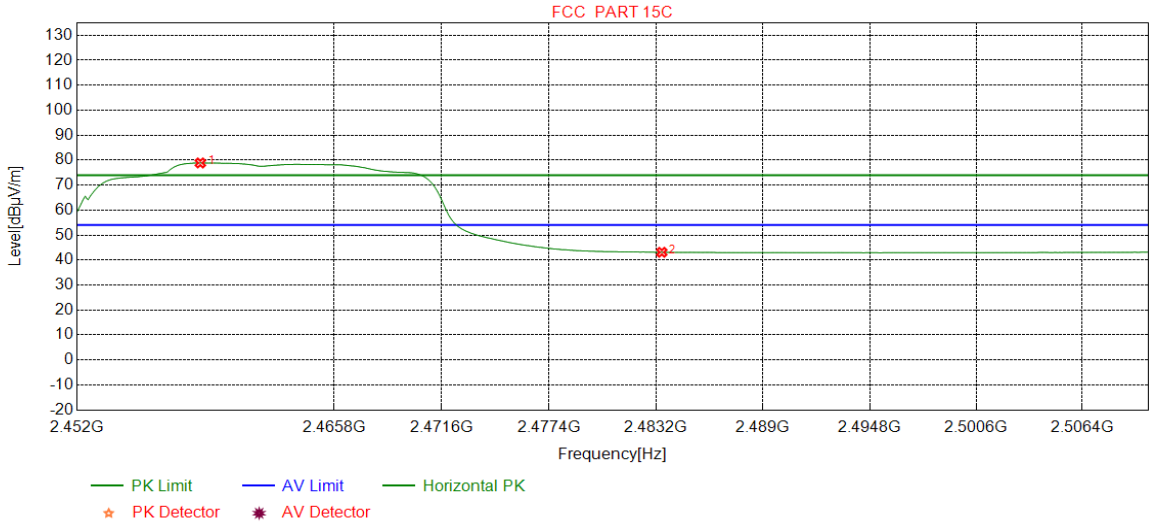
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2459.2591	32.34	13.49	-43.11	82.95	85.67	74.00	-11.67	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.54	52.19	74.00	21.81	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	AV		

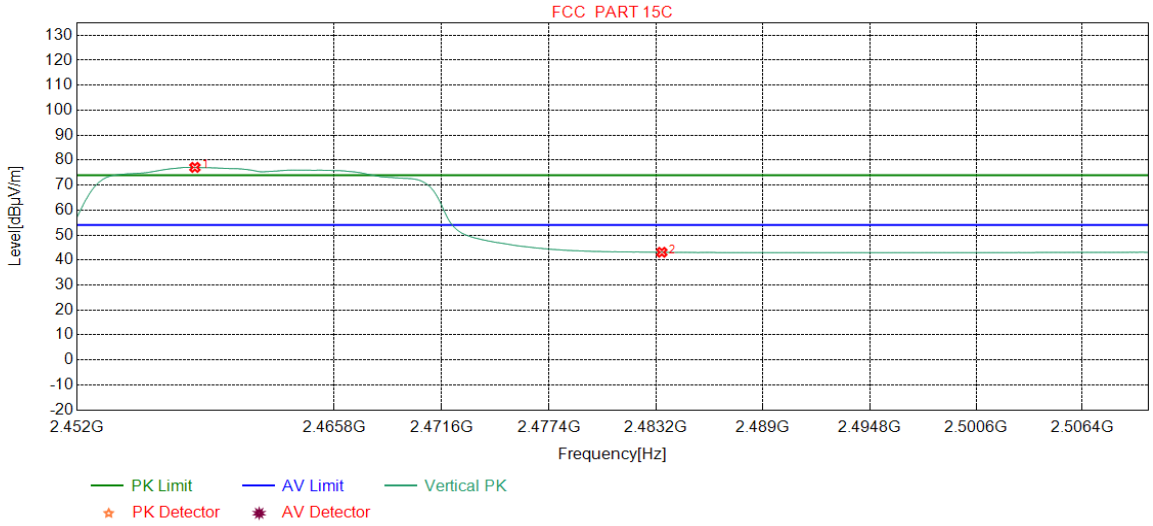
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2458.6058	32.34	13.49	-43.11	76.15	78.87	54.00	-24.87	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.46	43.11	54.00	10.89	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	AV		

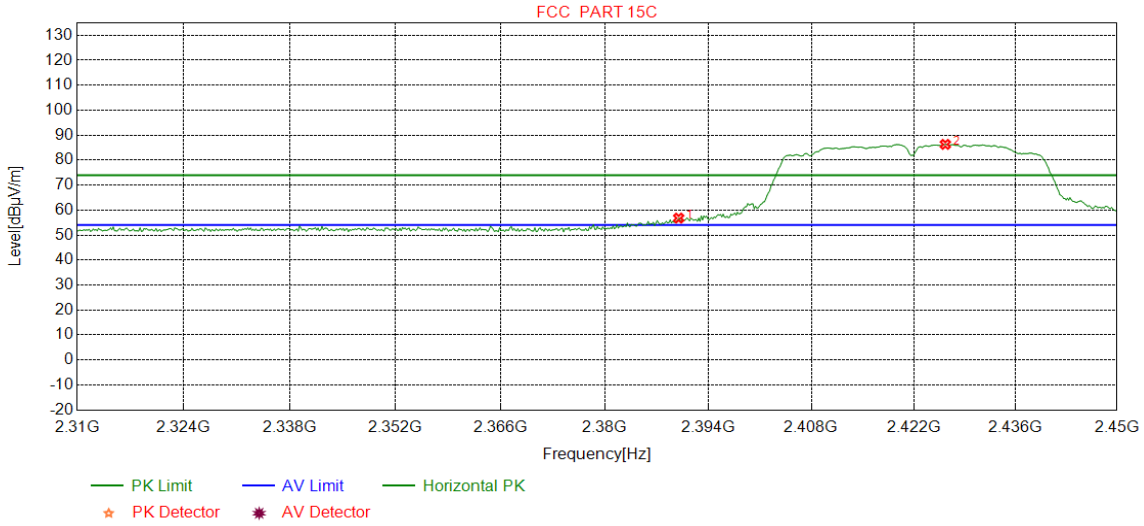
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2458.3154	32.34	13.49	-43.10	74.37	77.10	54.00	-23.10	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.46	43.11	54.00	10.89	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	PK		

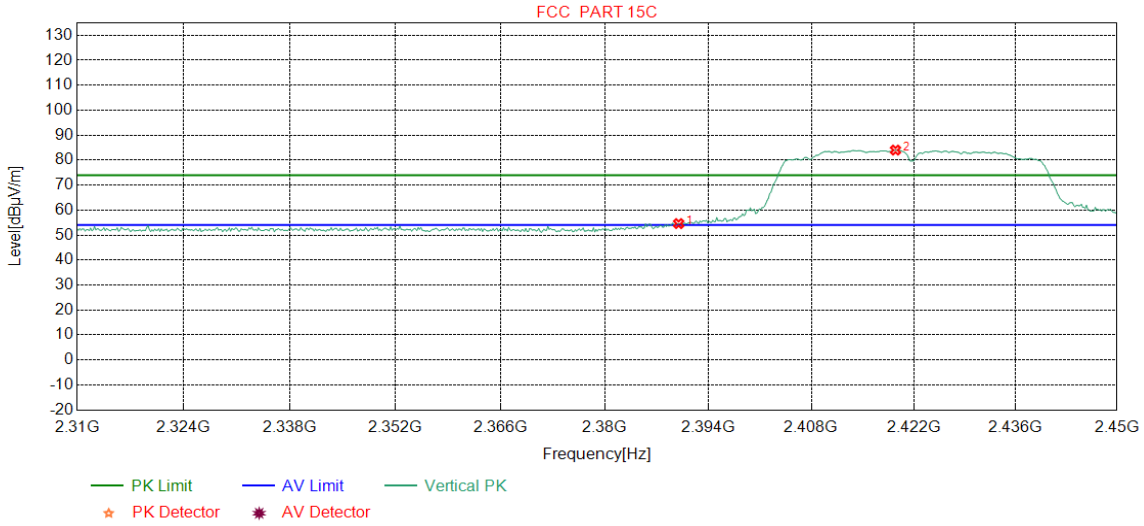
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	54.29	56.79	74.00	17.21	Pass	Horizontal
2	2426.3454	32.30	13.42	-43.12	83.71	86.31	74.00	-12.31	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	PK		

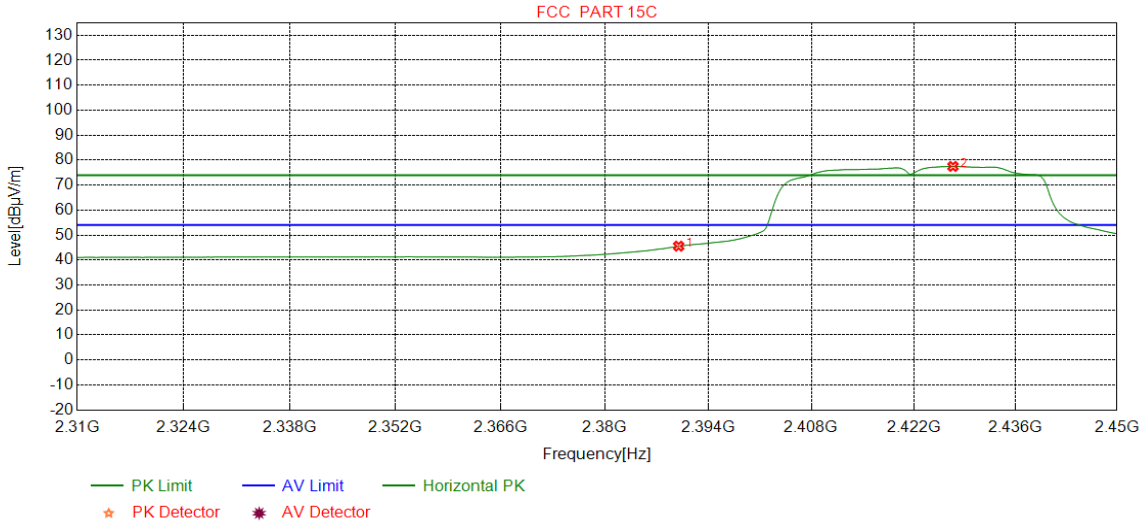
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	52.09	54.59	74.00	19.41	Pass	Vertical
2	2419.5119	32.29	13.39	-43.12	81.47	84.03	74.00	-10.03	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	AV		

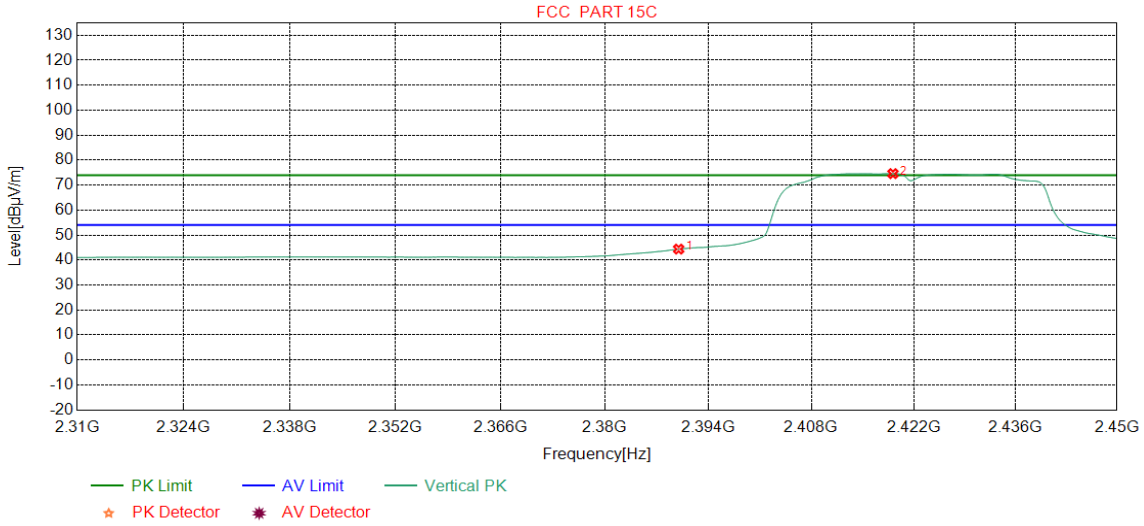
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	43.06	45.56	54.00	8.44	Pass	Horizontal
2	2427.3967	32.30	13.43	-43.12	74.88	77.49	54.00	-23.49	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	AV		

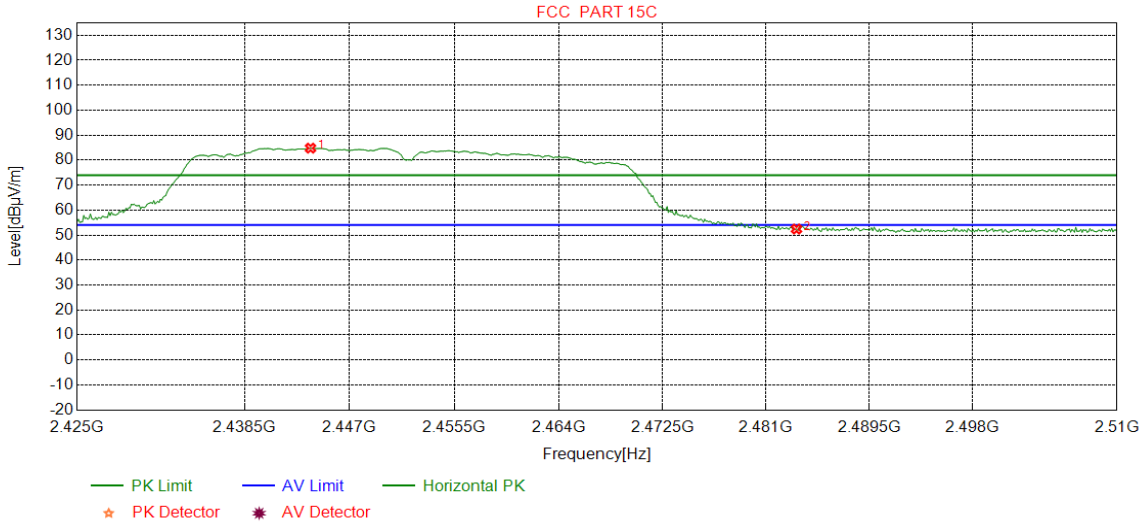
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	41.88	44.38	54.00	9.62	Pass	Vertical
2	2419.1615	32.29	13.39	-43.12	72.04	74.60	54.00	-20.60	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	PK		

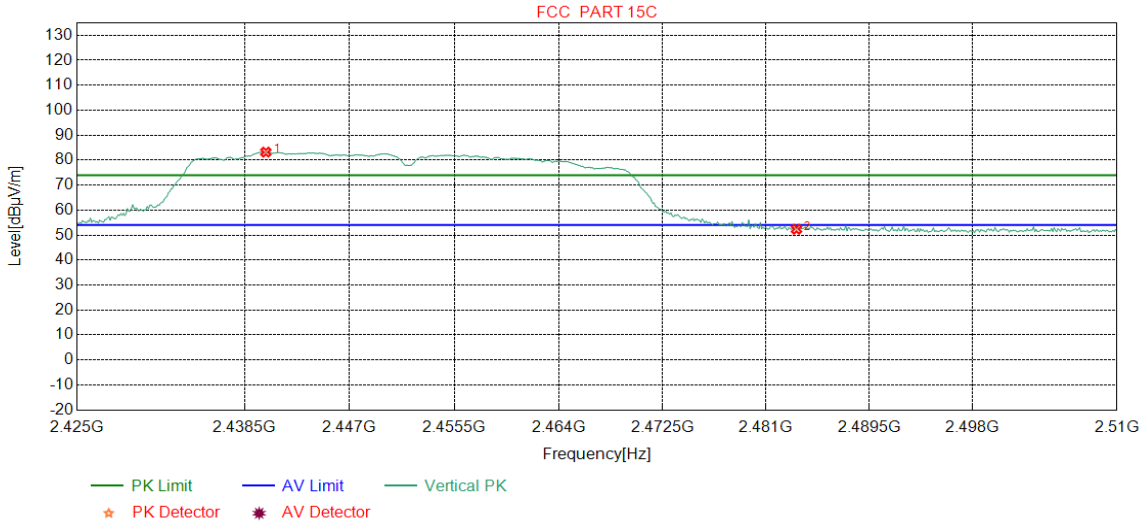
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2443.8298	32.32	13.50	-43.11	82.10	84.81	74.00	-10.81	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.77	52.42	74.00	21.58	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	PK		

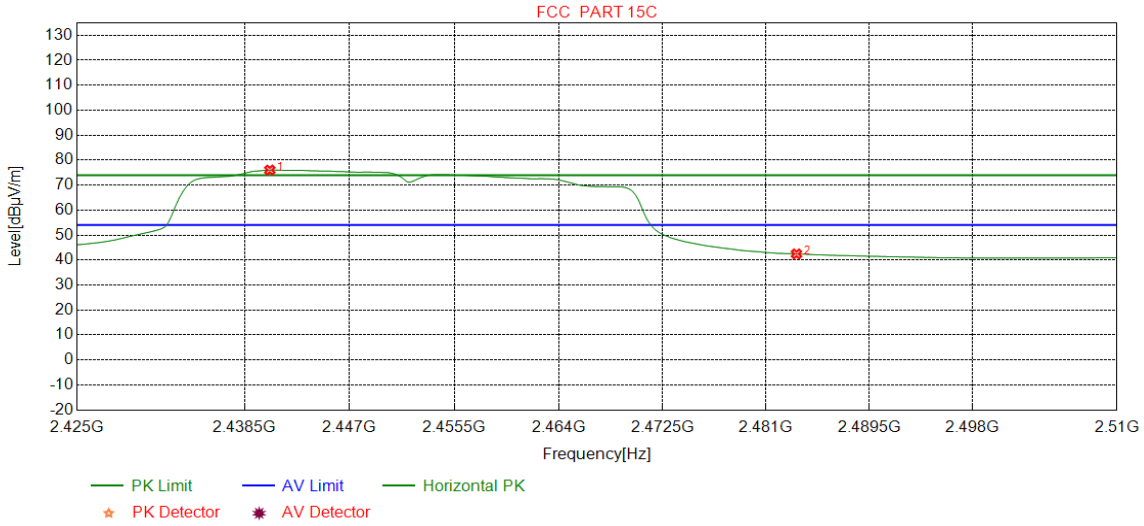
Test Graph



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	2440.2128	32.32	13.48	-43.11	80.52	83.21	74.00	-9.21	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.70	52.35	74.00	21.65	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	AV		

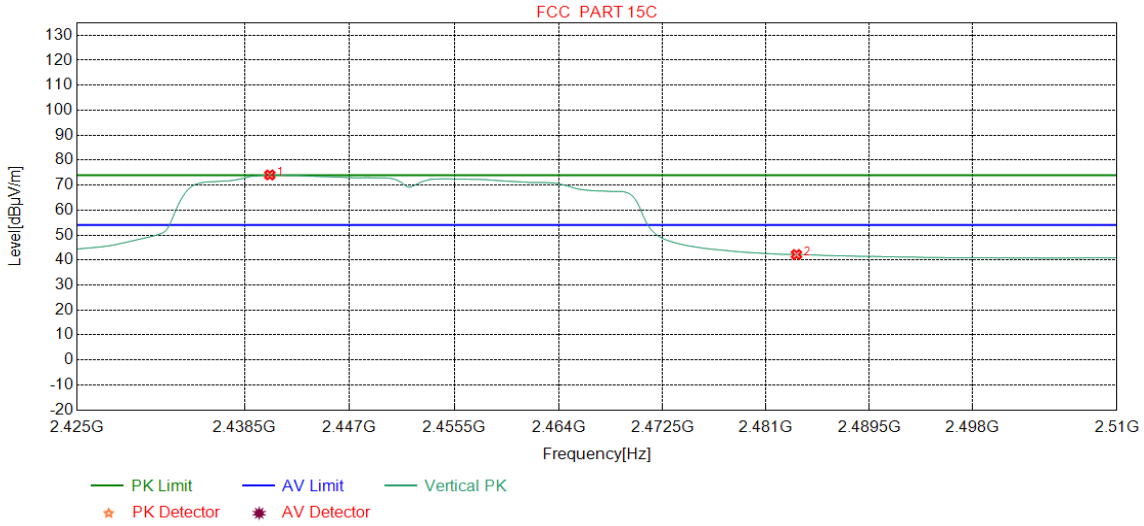
Test Graph



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	2440.5319	32.32	13.49	-43.12	73.33	76.02	54.00	-22.02	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	39.80	42.45	54.00	11.55	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	AV		

Test Graph

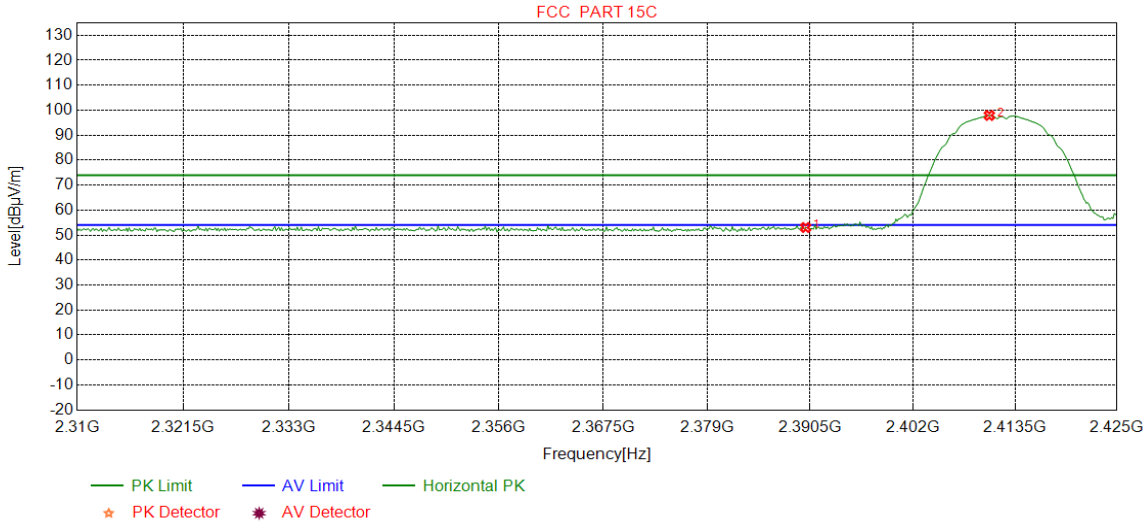


NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2440.5319	32.32	13.49	-43.12	71.38	74.07	54.00	-20.07	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	39.55	42.20	54.00	11.80	Pass	Vertical

Ant2:

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

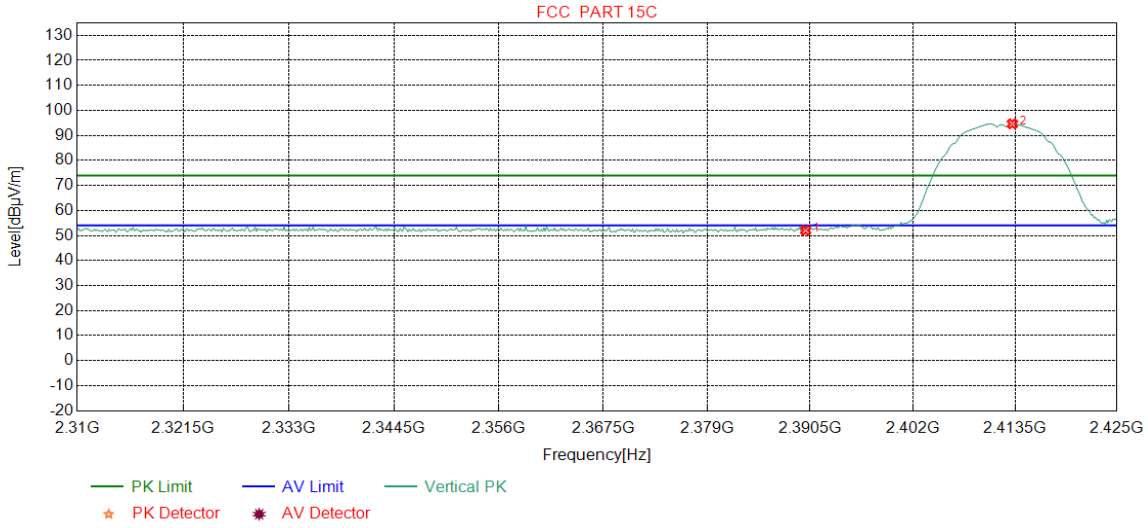
Test Graph



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	50.53	53.03	74.00	20.97	Pass	Horizontal
2	2410.6070	32.27	13.35	-43.11	95.38	97.89	74.00	-23.89	Pass	Horizontal

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

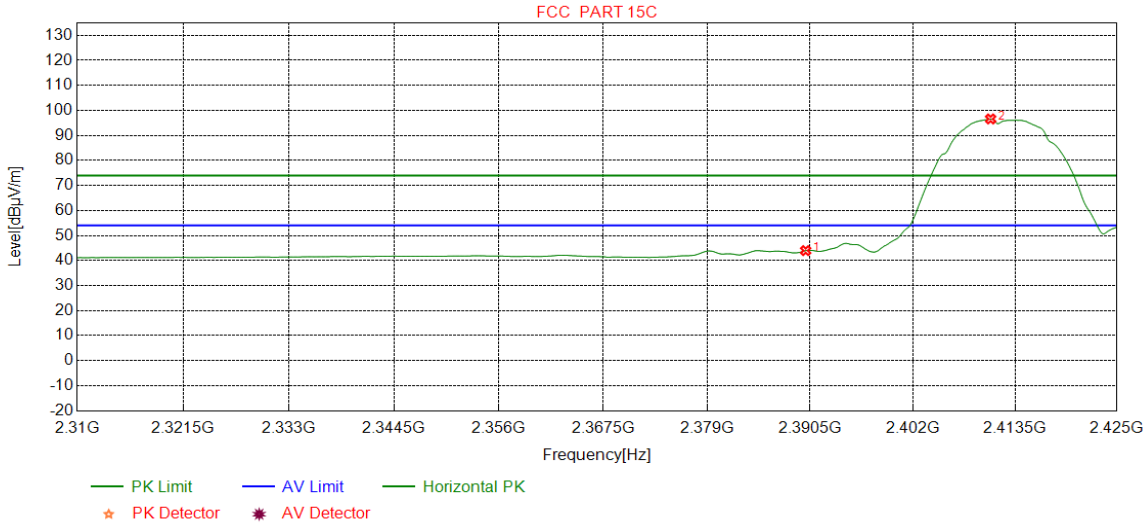
Test Graph



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	49.55	52.05	74.00	21.95	Pass	Vertical
2	2413.1977	32.28	13.36	-43.12	92.12	94.64	74.00	-20.64	Pass	Vertical

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

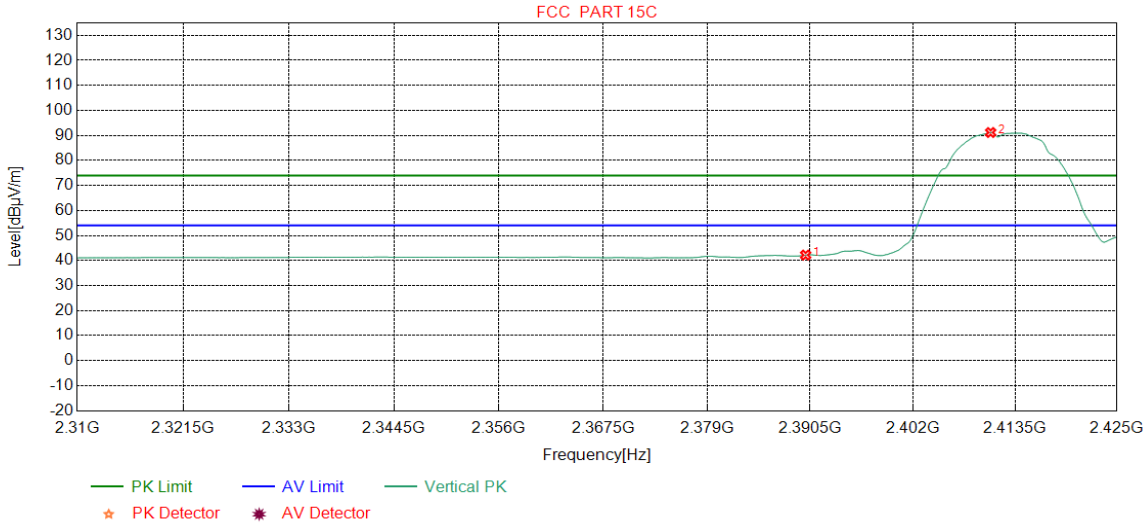
Test Graph



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	41.46	43.96	54.00	10.04	Pass	Horizontal
2	2410.7509	32.28	13.35	-43.12	94.07	96.58	54.00	-42.58	Pass	Horizontal

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

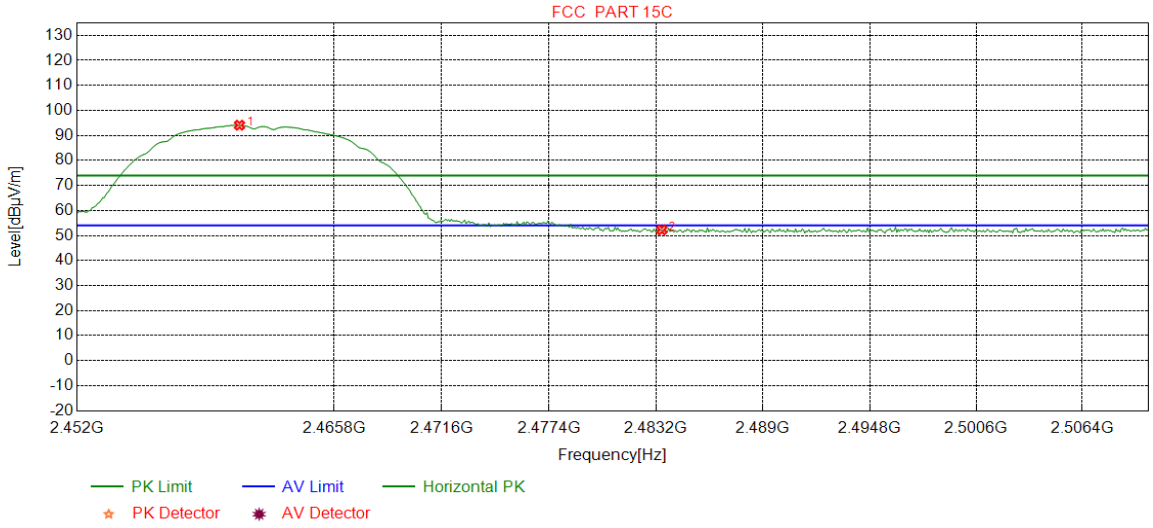
Test Graph



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	39.69	42.19	54.00	11.81	Pass	Vertical
2	2410.7509	32.28	13.35	-43.12	88.66	91.17	54.00	-37.17	Pass	Vertical

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

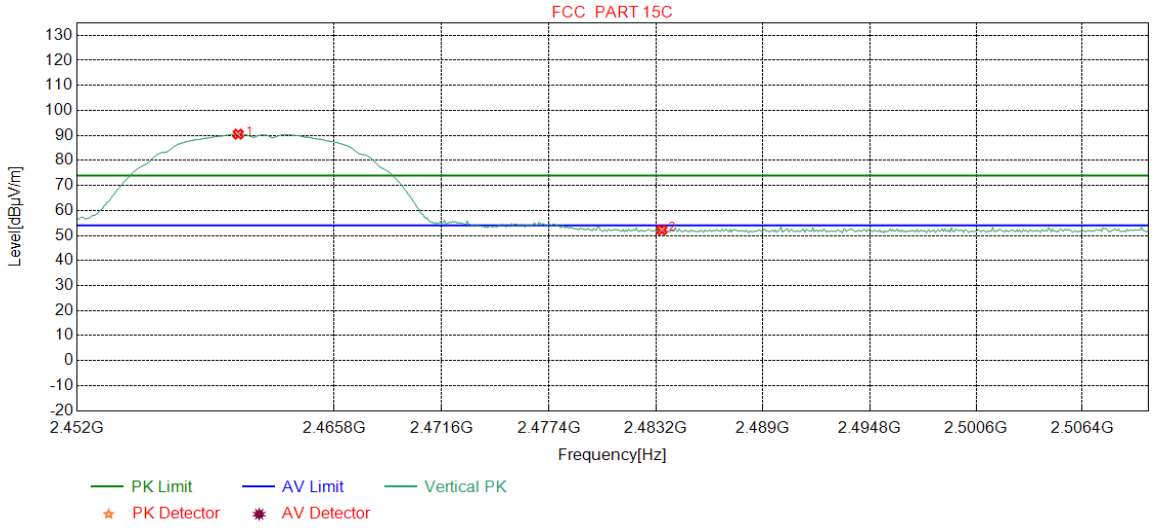
Test Graph



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	2460.7109	32.34	13.48	-43.10	91.37	94.09	74.00	-20.09	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.59	52.24	74.00	21.76	Pass	Horizontal

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

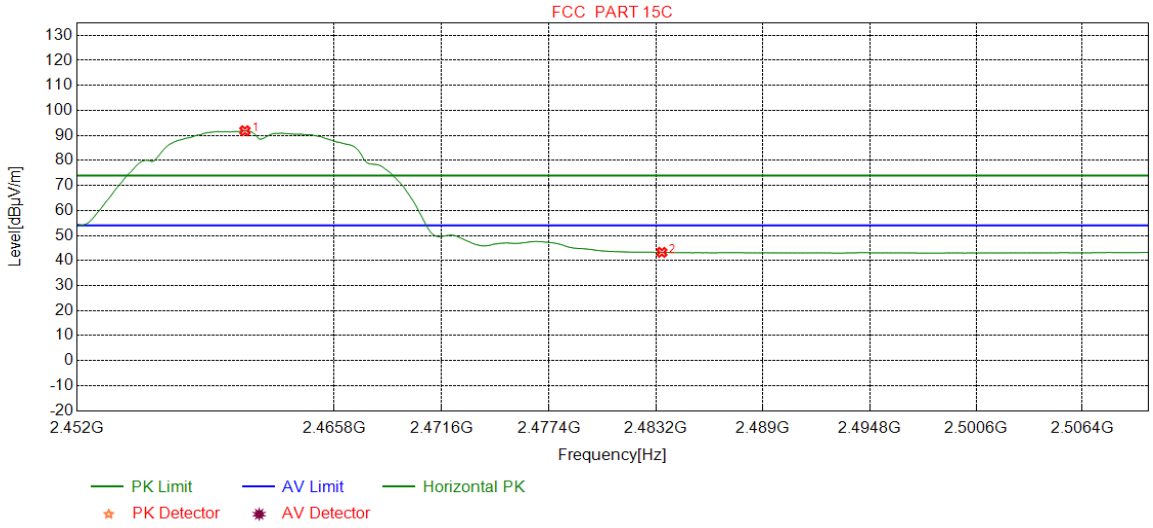
Test Graph



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	2460.6383	32.34	13.48	-43.10	87.79	90.51	74.00	-16.51	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.56	52.21	74.00	21.79	Pass	Vertical

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

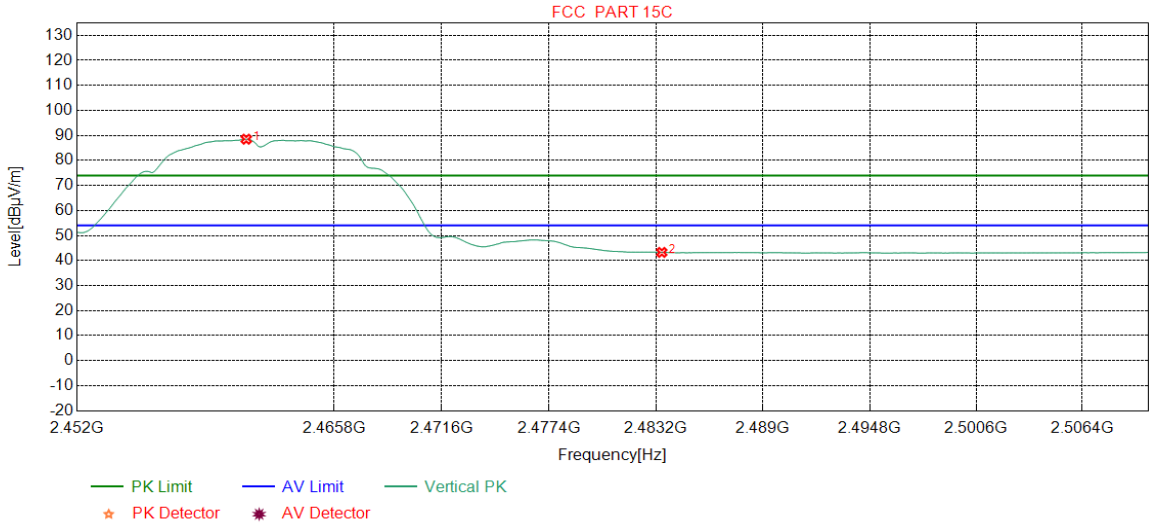
Test Graph



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	2461.0013	32.35	13.48	-43.11	89.15	91.87	54.00	-37.87	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.62	43.27	54.00	10.73	Pass	Horizontal

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

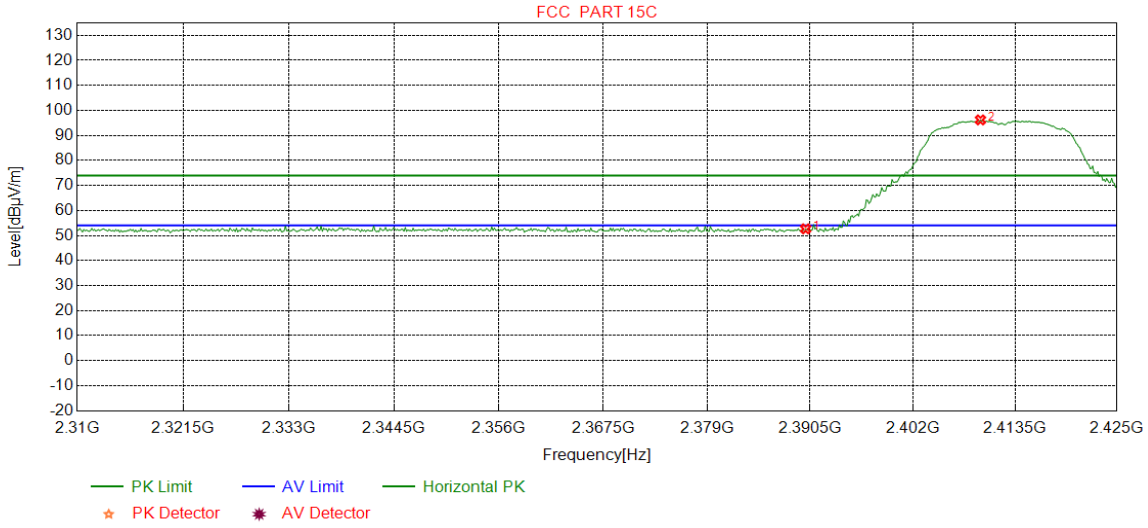
Test Graph



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	2461.0738	32.35	13.48	-43.11	85.77	88.49	54.00	-34.49	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.61	43.26	54.00	10.74	Pass	Vertical

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

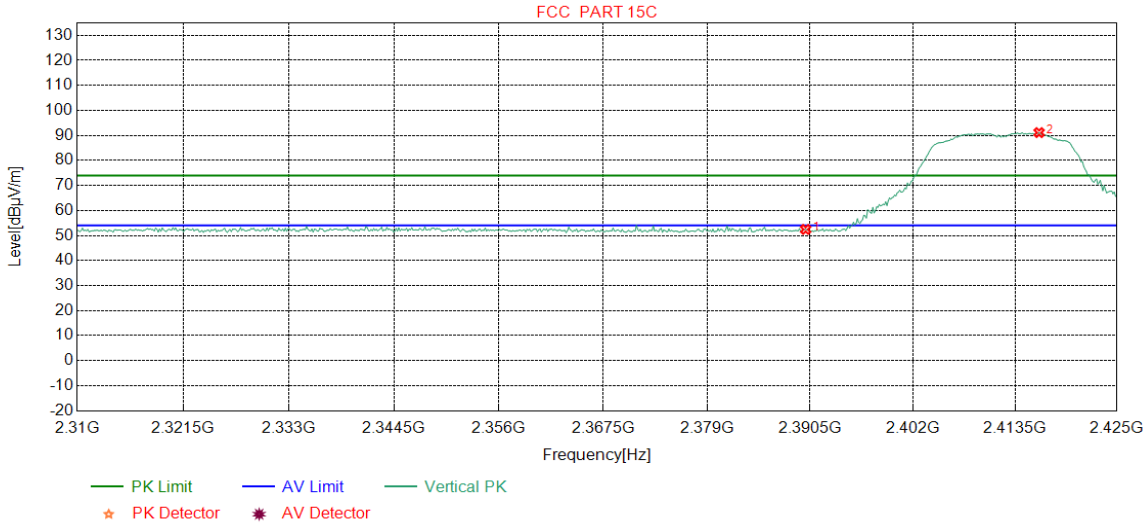
Test Graph



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	50.17	52.67	74.00	21.33	Pass	Horizontal
2	2409.5995	32.27	13.34	-43.11	93.71	96.21	74.00	-22.21	Pass	Horizontal

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

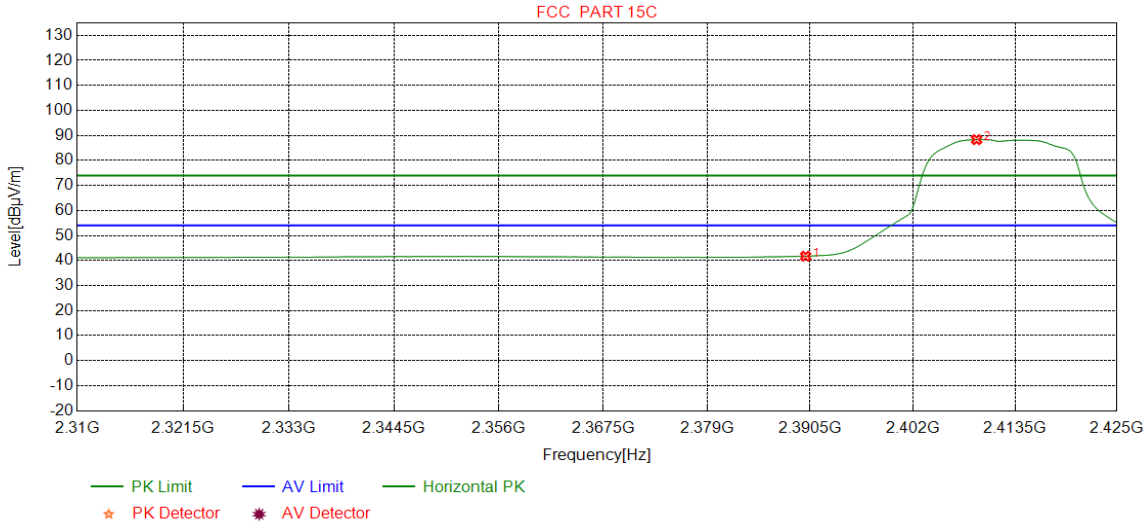
Test Graph



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	49.94	52.44	74.00	21.56	Pass	Vertical
2	2416.2203	32.28	13.37	-43.11	88.59	91.13	74.00	-17.13	Pass	Vertical

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

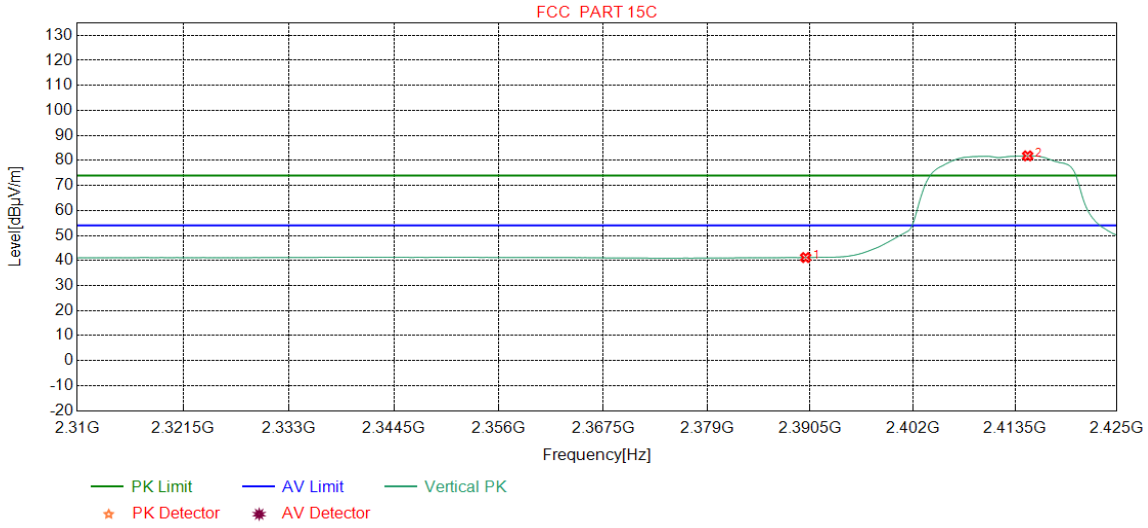
Test Graph



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	39.22	41.72	54.00	12.28	Pass	Horizontal
2	2409.1677	32.27	13.34	-43.11	85.81	88.31	54.00	-34.31	Pass	Horizontal

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

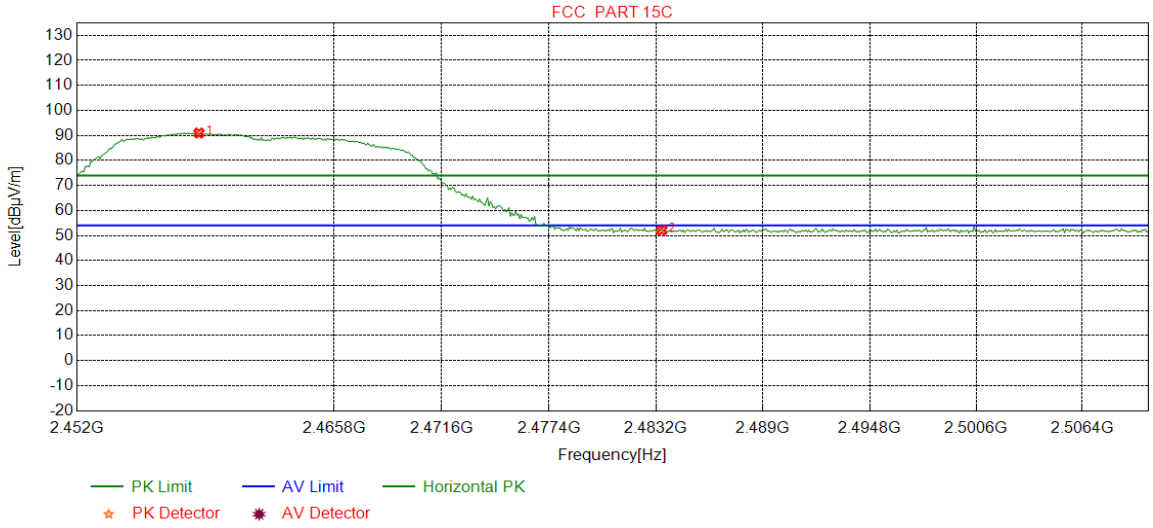
Test Graph



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	38.69	41.19	54.00	12.81	Pass	Vertical
2	2414.9249	32.28	13.37	-43.12	79.30	81.83	54.00	-27.83	Pass	Vertical

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

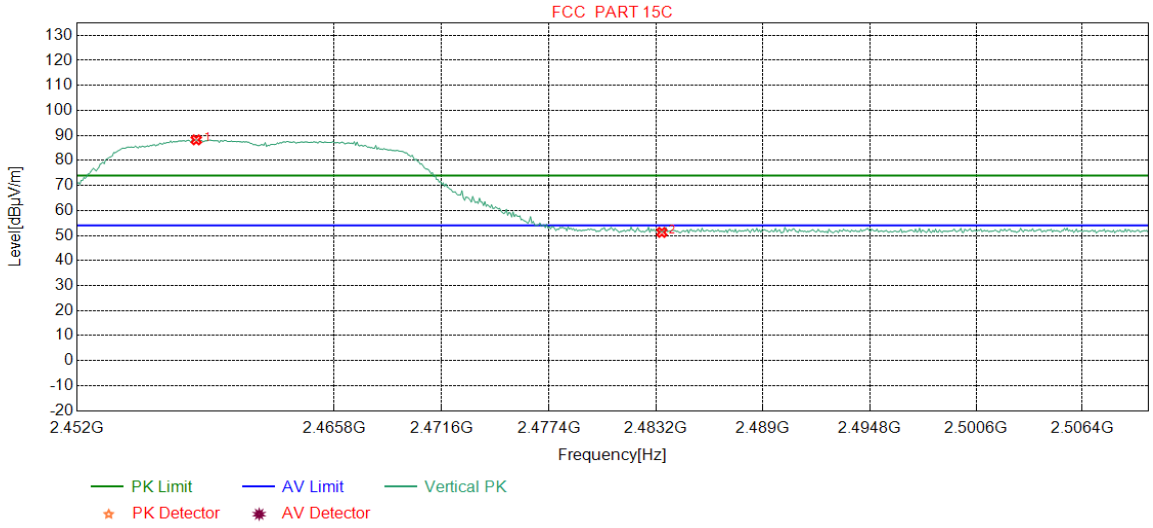
Test Graph



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	2458.5332	32.34	13.49	-43.11	88.22	90.94	74.00	-16.94	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.43	52.08	74.00	21.92	Pass	Horizontal

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

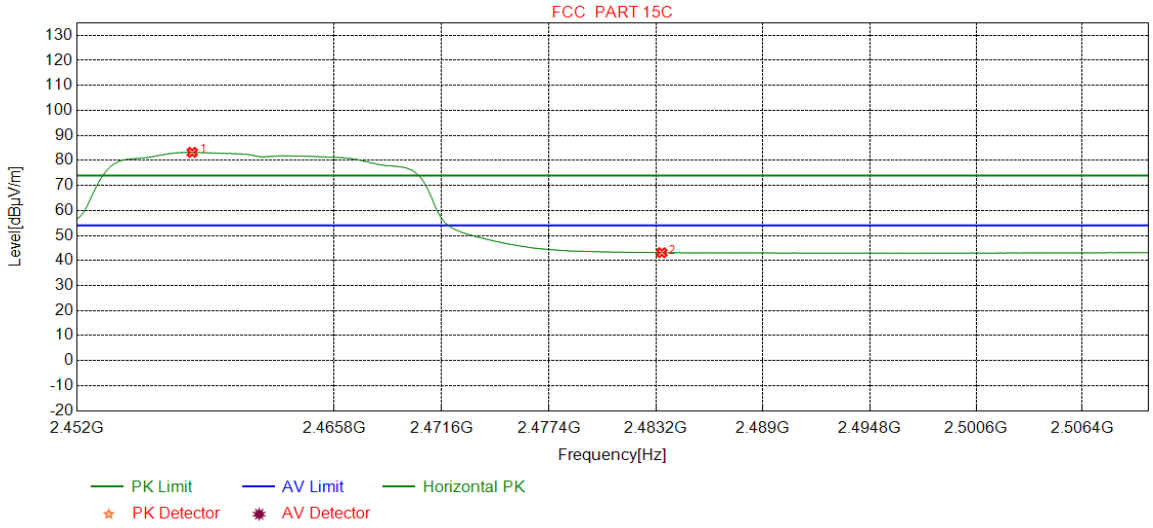
Test Graph



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	2458.3880	32.34	13.49	-43.11	85.51	88.23	74.00	-14.23	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	48.59	51.24	74.00	22.76	Pass	Vertical

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

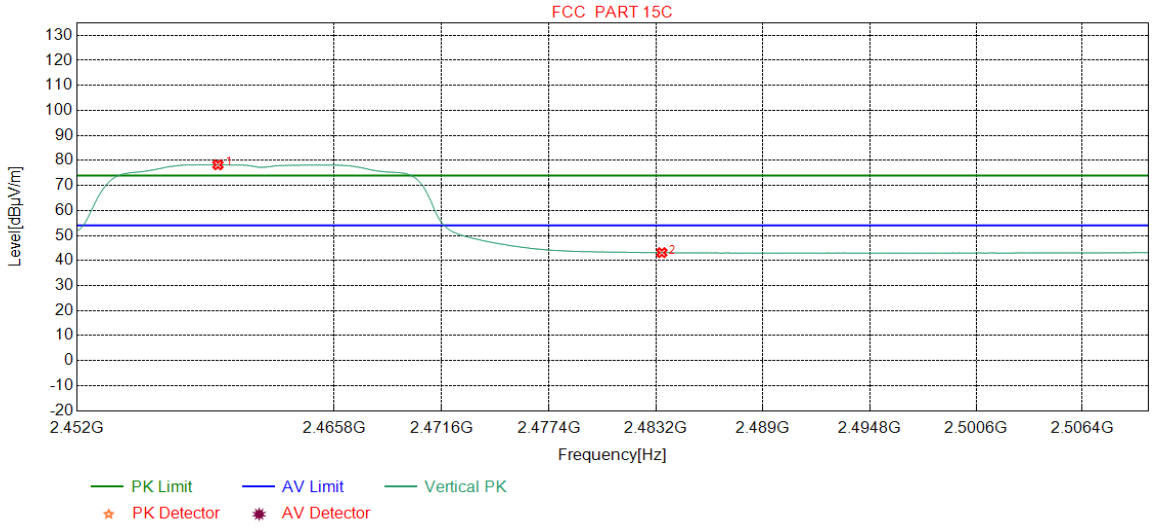
Test Graph



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	2458.1702	32.34	13.49	-43.10	80.50	83.23	54.00	-29.23	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.48	43.13	54.00	10.87	Pass	Horizontal

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

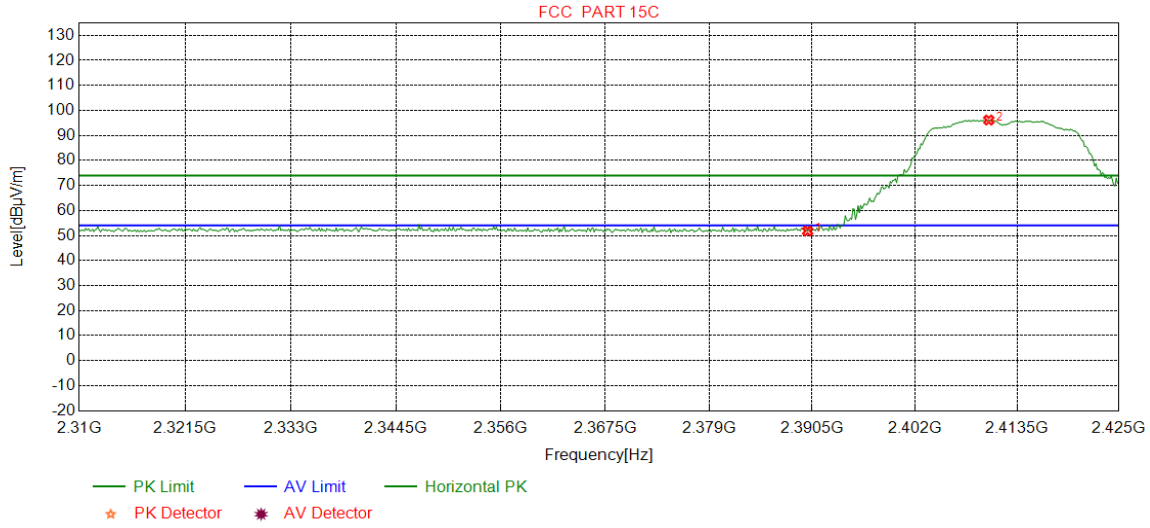
Test Graph



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	2459.5494	32.34	13.49	-43.11	75.53	78.25	54.00	-24.25	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.49	43.14	54.00	10.86	Pass	Vertical

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

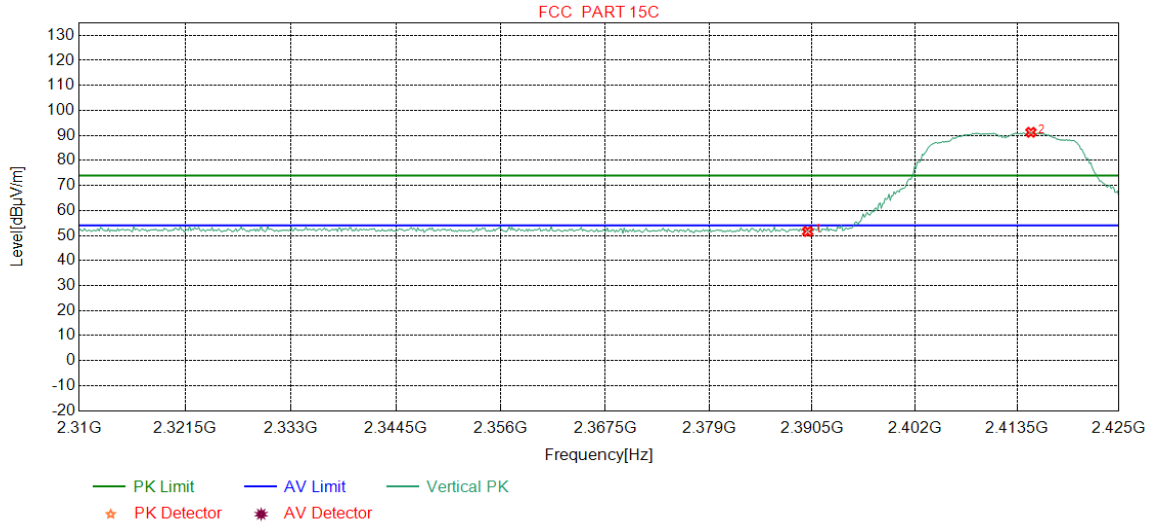
Test Graph



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	49.28	51.78	74.00	22.22	Pass	Horizontal
2	2410.3191	32.27	13.35	-43.12	93.64	96.14	74.00	-22.14	Pass	Horizontal

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

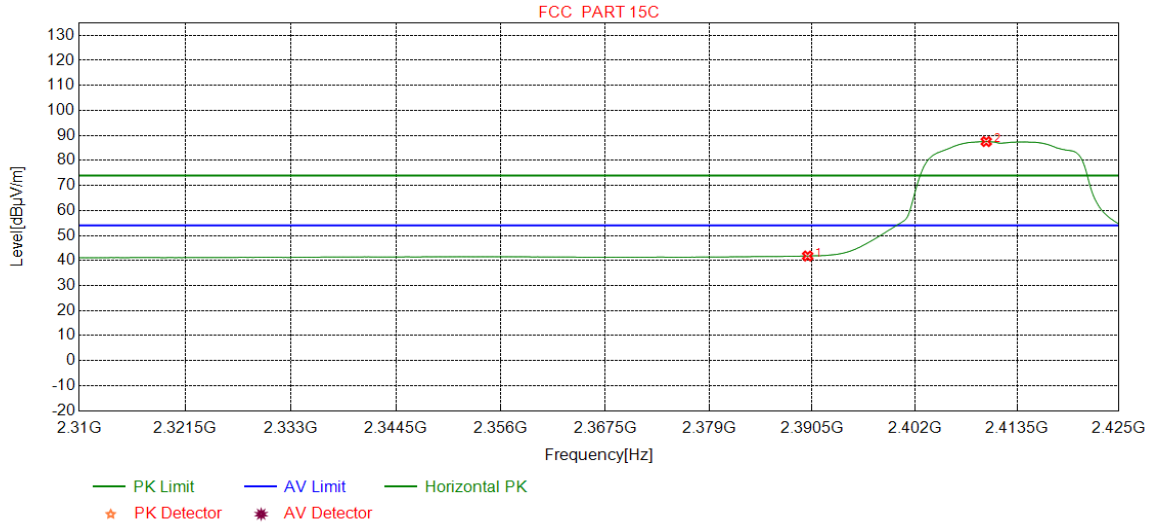
Test Graph



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	49.11	51.61	74.00	22.39	Pass	Vertical
2	2415.0688	32.28	13.37	-43.12	88.72	91.25	74.00	-17.25	Pass	Vertical

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

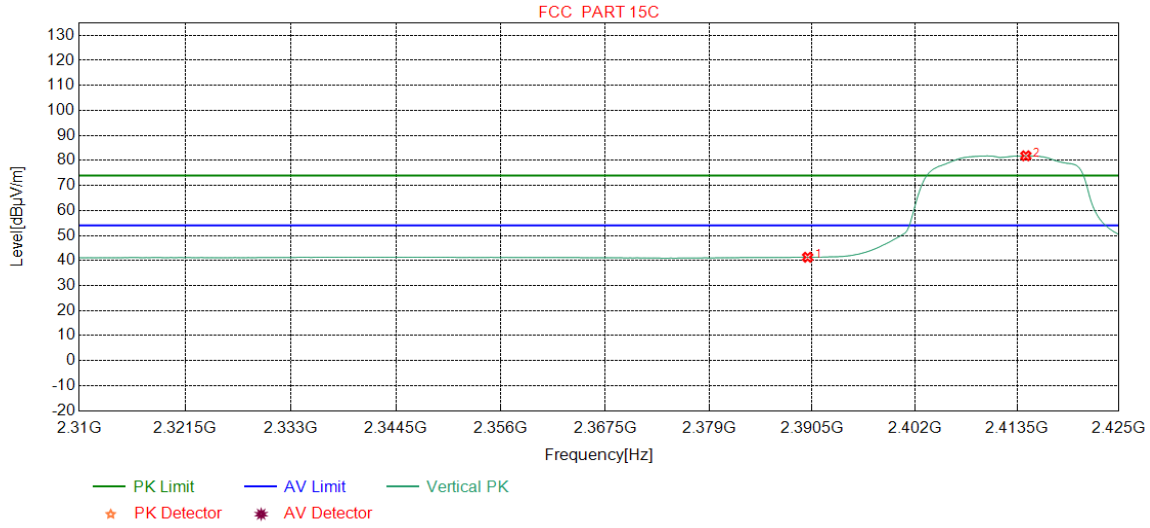
Test Graph



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	39.31	41.81	54.00	12.19	Pass	Horizontal
2	2410.0313	32.27	13.35	-43.12	85.04	87.54	54.00	-33.54	Pass	Horizontal

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

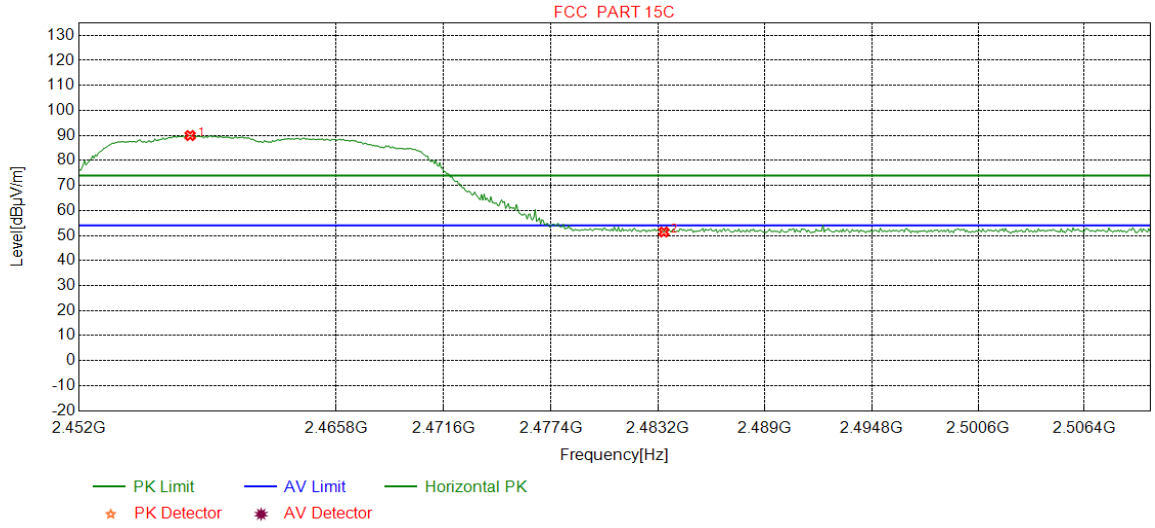
Test Graph



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	38.81	41.31	54.00	12.69	Pass	Vertical
2	2414.4931	32.28	13.37	-43.12	79.32	81.85	54.00	-27.85	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	PK		

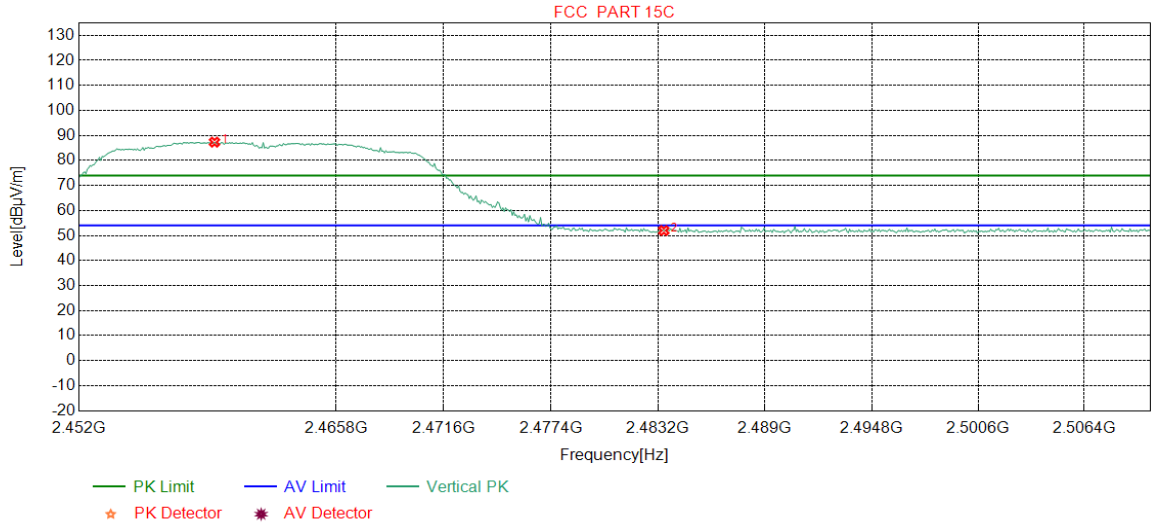
Test Graph



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	2457.9524	32.34	13.49	-43.10	87.22	89.95	74.00	-15.95	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	48.75	51.40	74.00	22.60	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	PK		

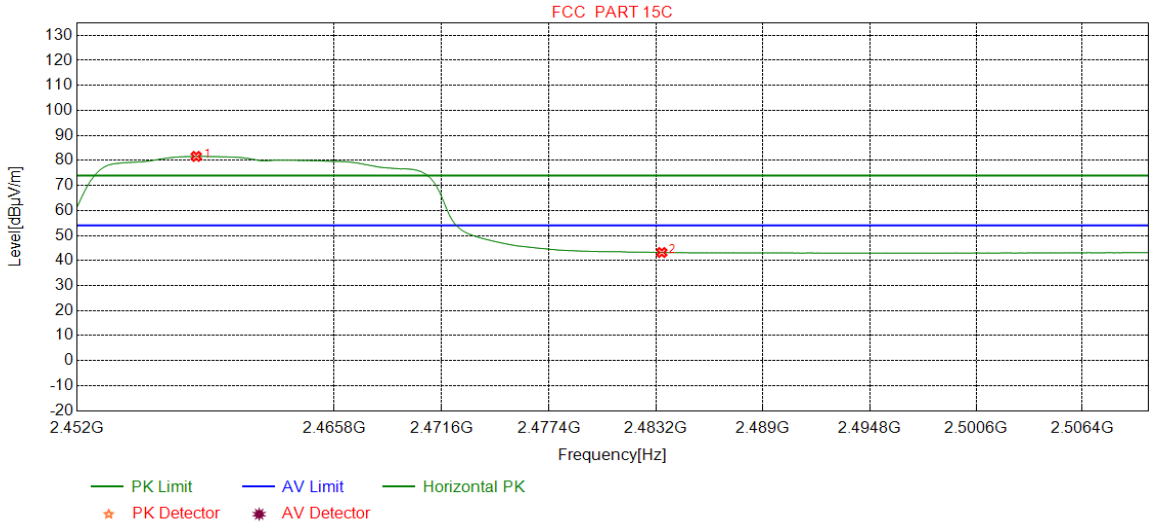
Test Graph



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	2459.2591	32.34	13.49	-43.11	84.59	87.31	74.00	-13.31	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.32	51.97	74.00	22.03	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	AV		

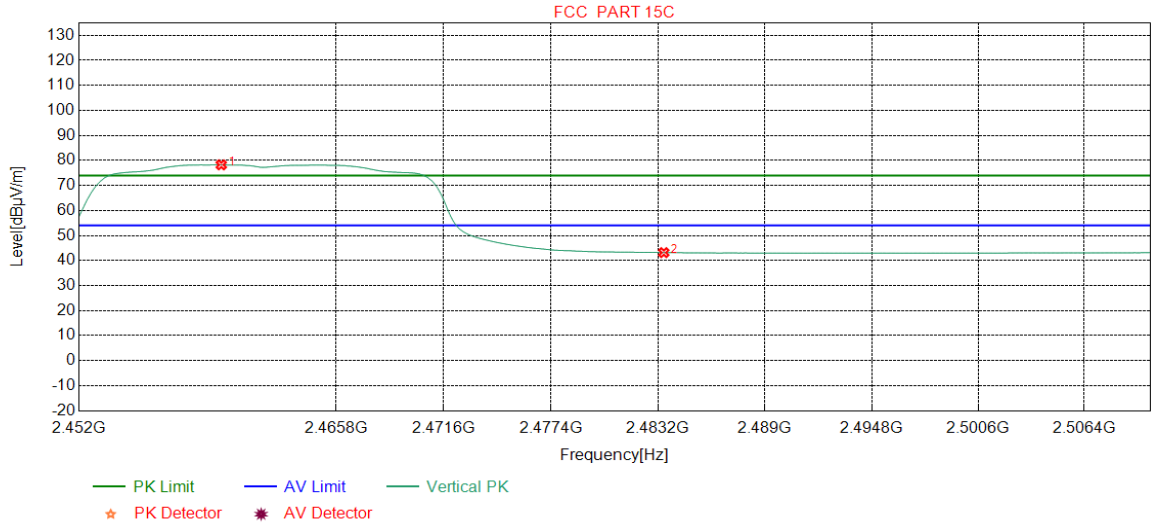
Test Graph



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	2458.3880	32.34	13.49	-43.11	78.89	81.61	54.00	-27.61	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.56	43.21	54.00	10.79	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	AV		

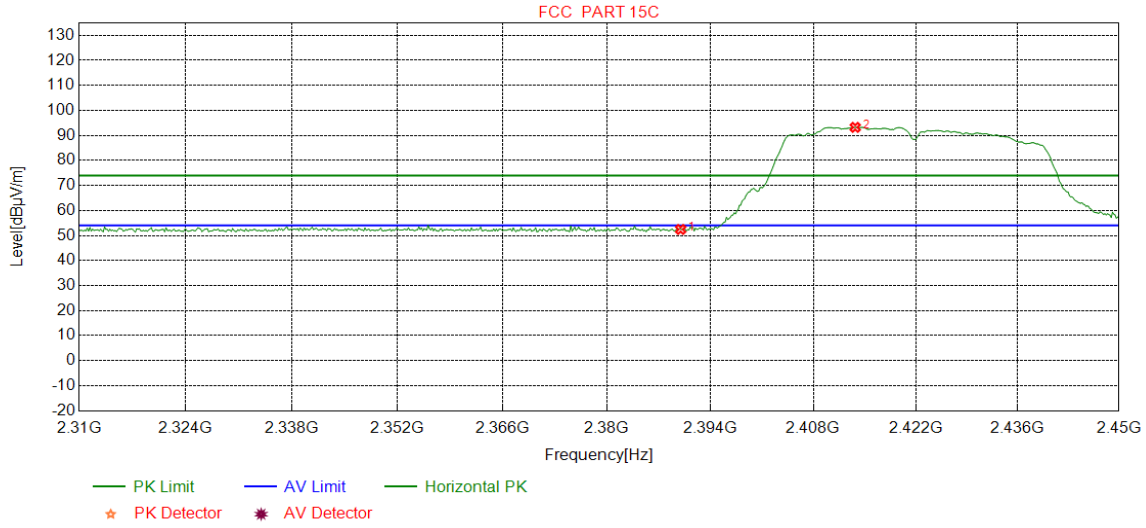
Test Graph



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	2459.6220	32.34	13.49	-43.11	75.52	78.24	54.00	-24.24	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.51	43.16	54.00	10.84	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	PK		

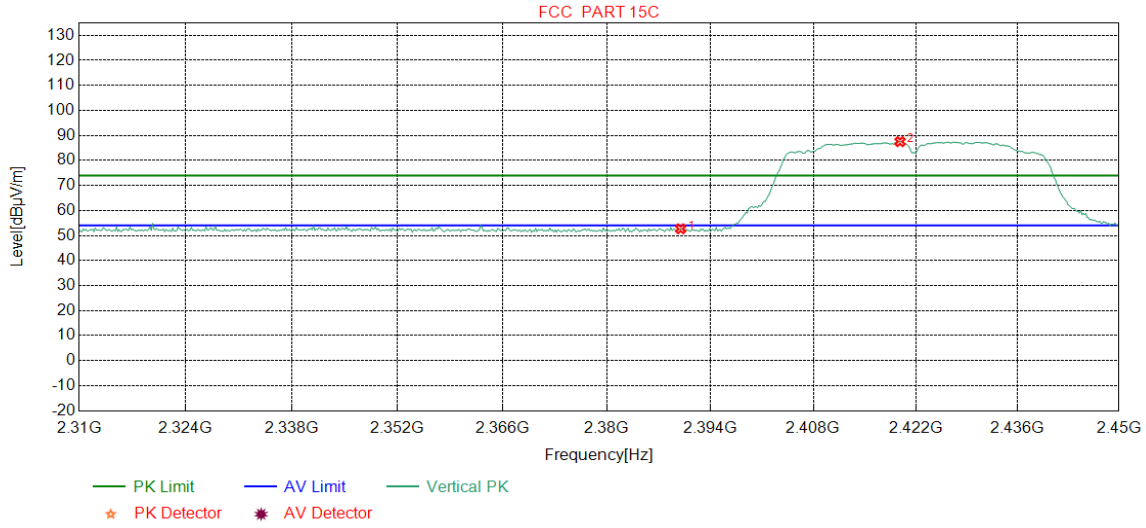
Test Graph



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	49.93	52.43	74.00	21.57	Pass	Horizontal
2	2413.7297	32.28	13.36	-43.11	90.70	93.23	74.00	-19.23	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	PK		

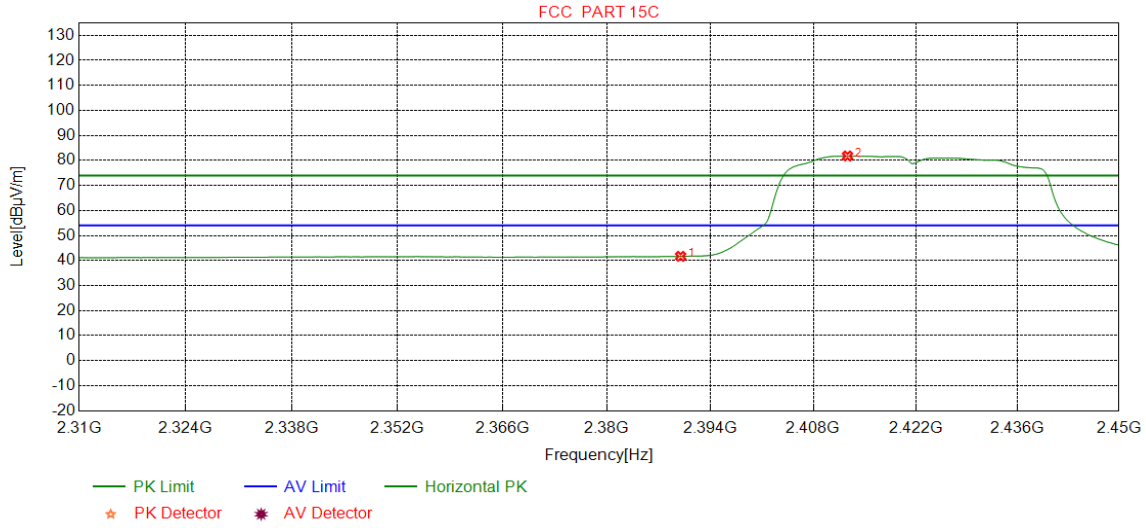
Test Graph



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	50.19	52.69	74.00	21.31	Pass	Vertical
2	2419.8623	32.29	13.39	-43.12	84.96	87.52	74.00	-13.52	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	AV		

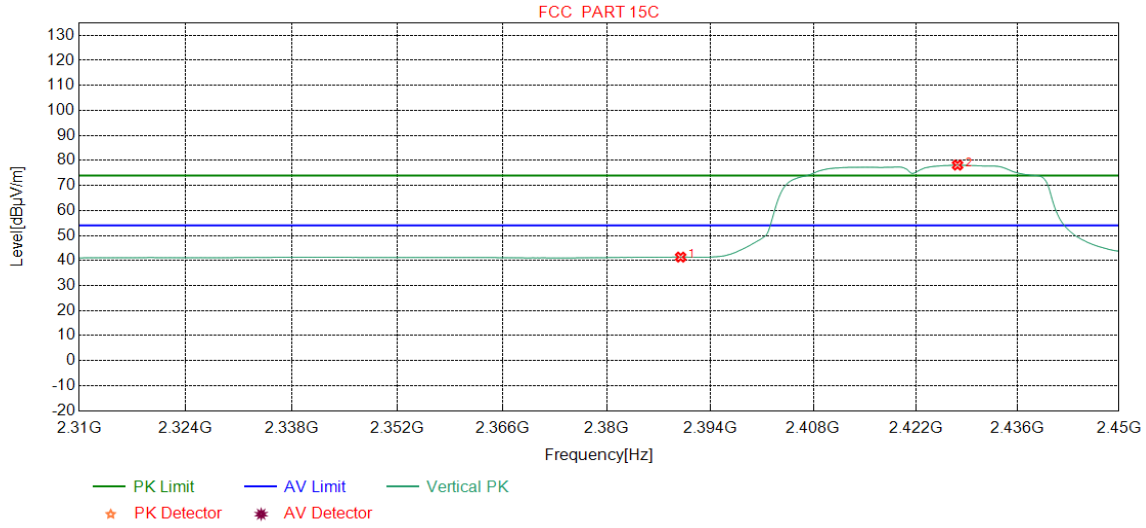
Test Graph



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	39.17	41.67	54.00	12.33	Pass	Horizontal
2	2412.6783	32.28	13.36	-43.12	79.26	81.78	54.00	-27.78	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	AV		

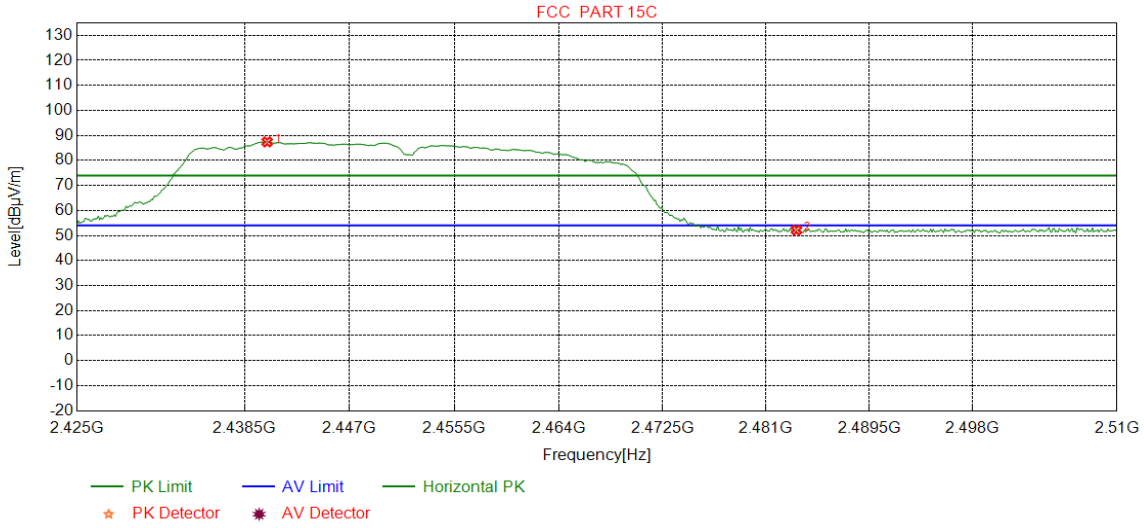
Test Graph



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	38.87	41.37	54.00	12.63	Pass	Vertical
2	2427.7472	32.30	13.43	-43.12	75.53	78.14	54.00	-24.14	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	PK		

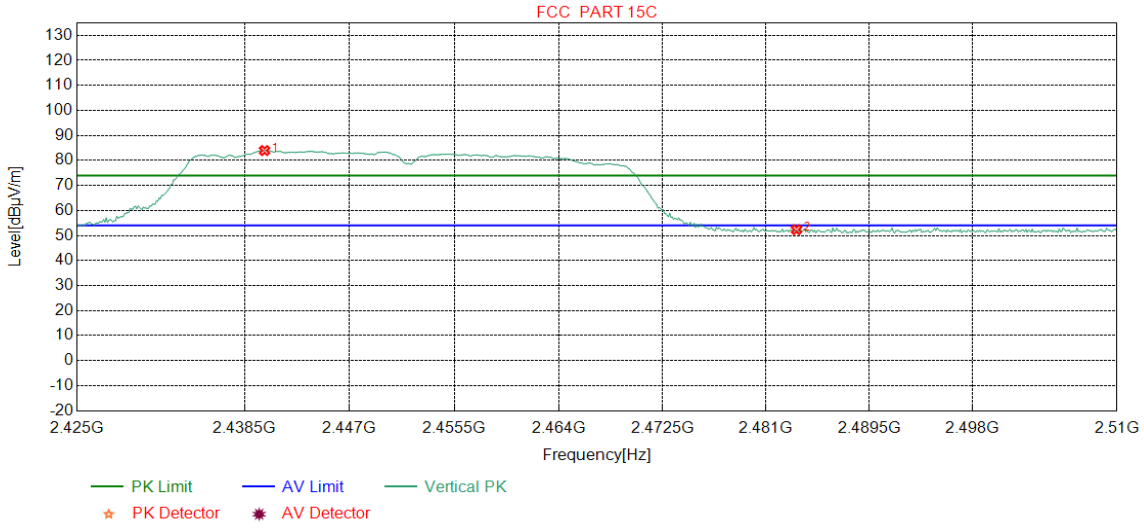
Test Graph



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	2440.3191	32.32	13.49	-43.12	84.73	87.42	74.00	-13.42	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.49	52.14	74.00	21.86	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	PK		

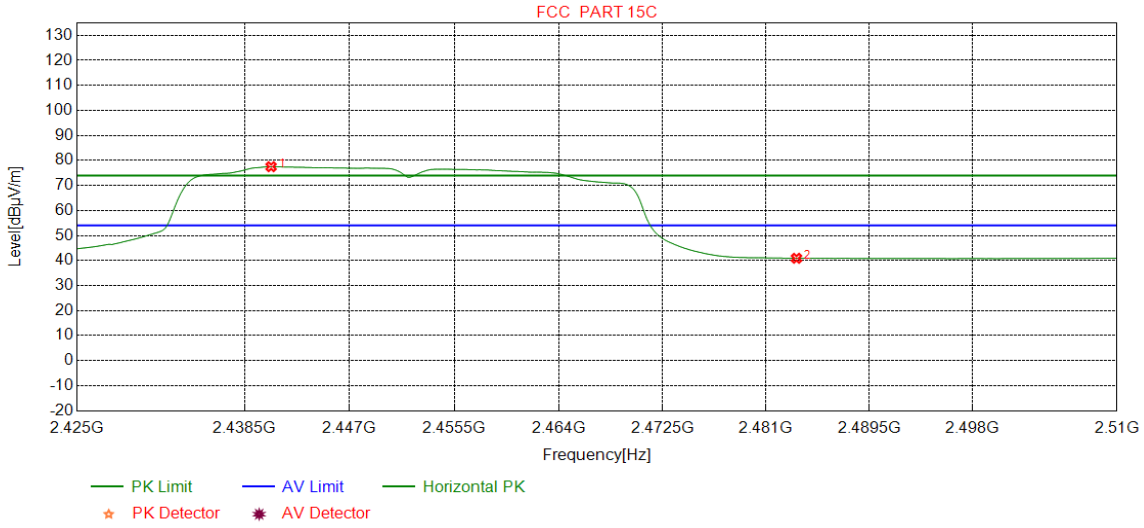
Test Graph



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	2440.1064	32.32	13.48	-43.11	81.26	83.95	74.00	-9.95	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.69	52.34	74.00	21.66	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	AV		

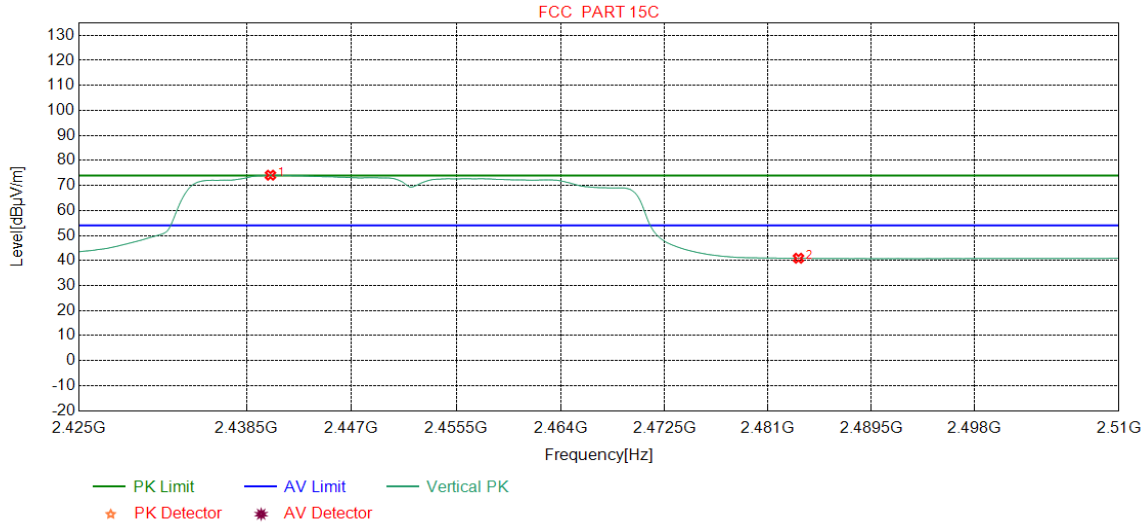
Test Graph



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	2440.6383	32.32	13.49	-43.12	74.82	77.51	54.00	-23.51	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	38.25	40.90	54.00	13.10	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	AV		

Test Graph

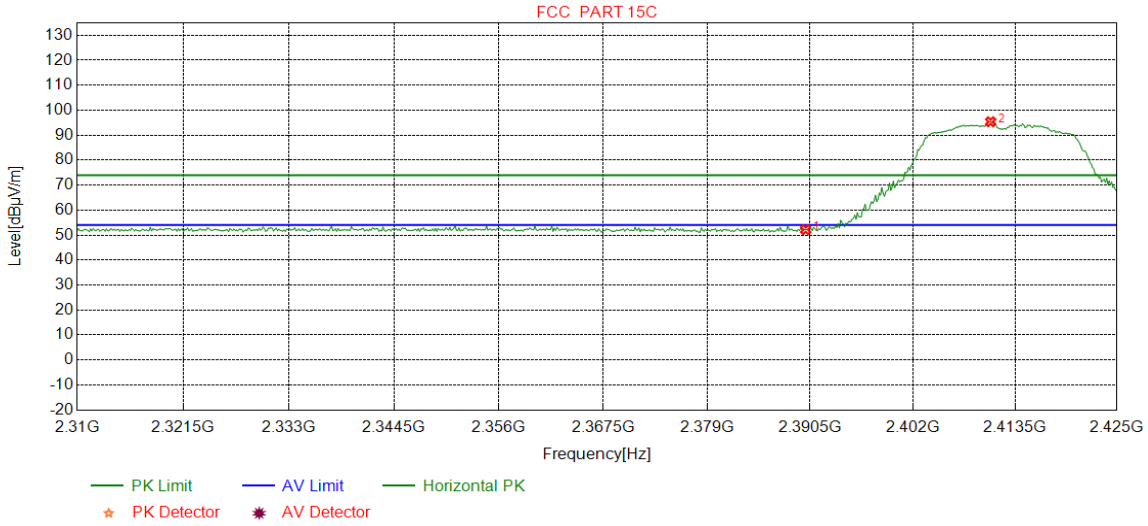


NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2440.4255	32.32	13.49	-43.12	71.42	74.11	54.00	-20.11	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	38.27	40.92	54.00	13.08	Pass	Vertical

MIMO

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

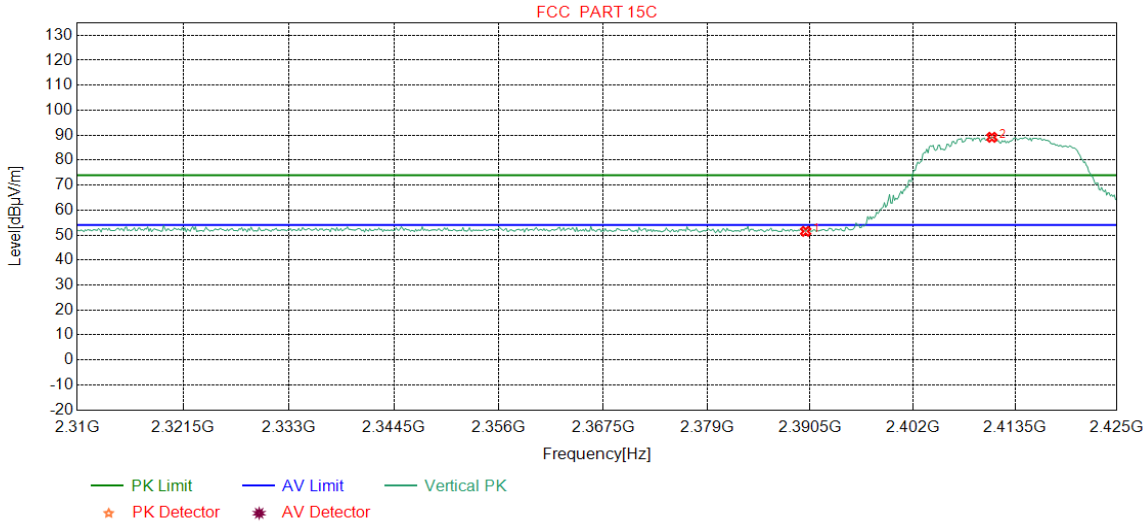
Test Graph



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	49.66	52.16	74.00	21.84	Pass	Horizontal
2	2410.7509	32.28	13.35	-43.12	92.87	95.38	74.00	-21.38	Pass	Horizontal

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

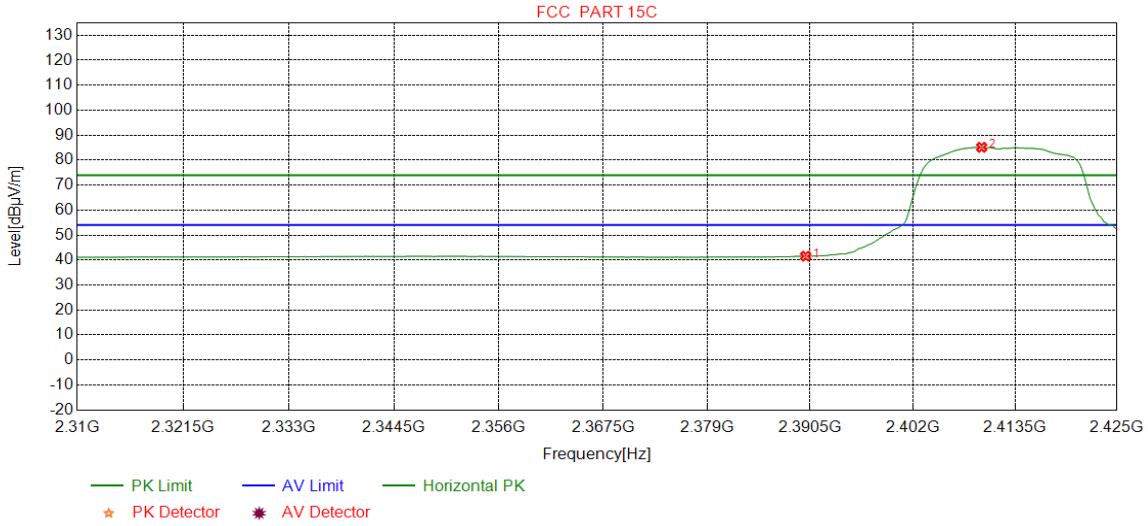
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	48.99	51.49	74.00	22.51	Pass	Vertical
2	2410.8949	32.28	13.35	-43.12	86.64	89.15	74.00	-15.15	Pass	Vertical

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

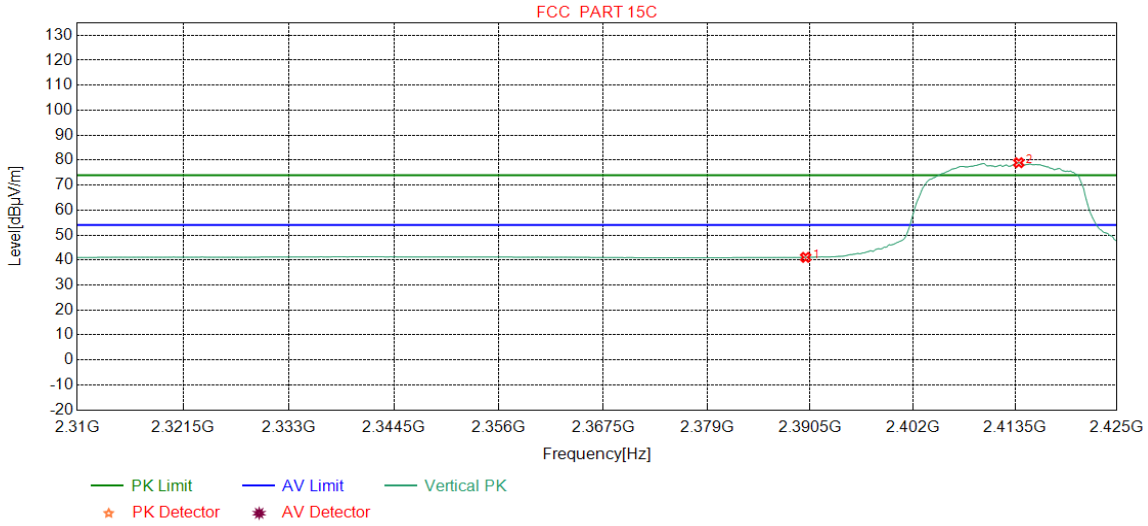
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	39.05	41.55	54.00	12.45	Pass	Horizontal
2	2409.7434	32.27	13.34	-43.11	82.65	85.15	54.00	-31.15	Pass	Horizontal

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

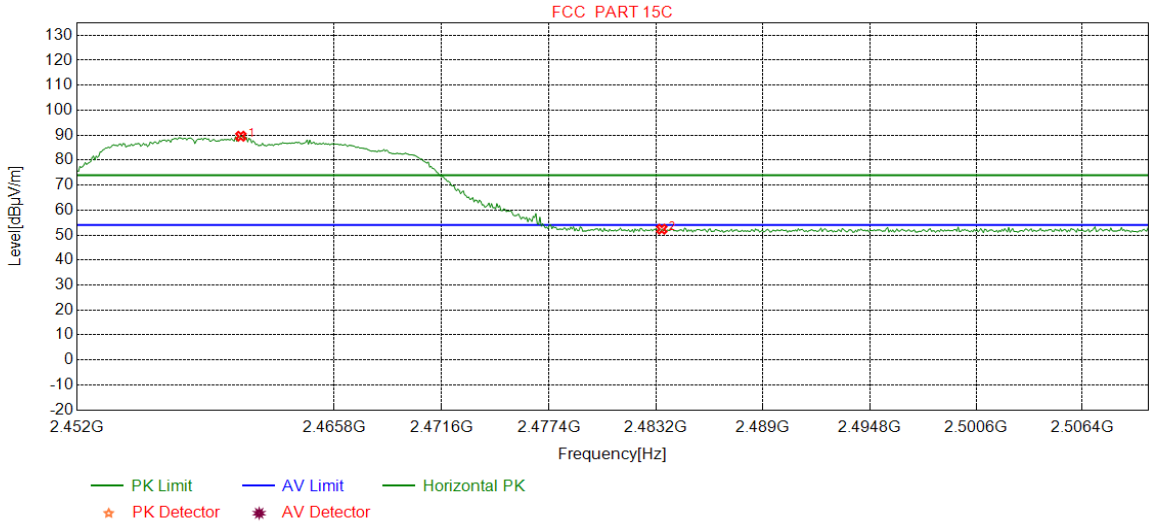
Test Graph



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	38.57	41.07	54.00	12.93	Pass	Vertical
2	2413.9174	32.28	13.36	-43.11	76.44	78.97	54.00	-24.97	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	PK		

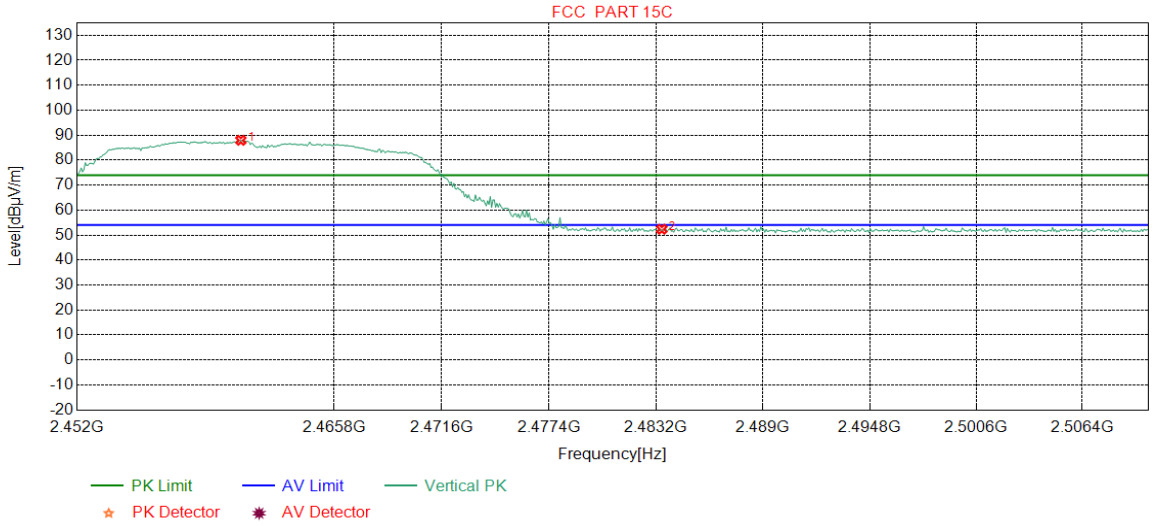
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2460.7835	32.35	13.48	-43.11	86.87	89.59	74.00	-15.59	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.71	52.36	74.00	21.64	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	PK		

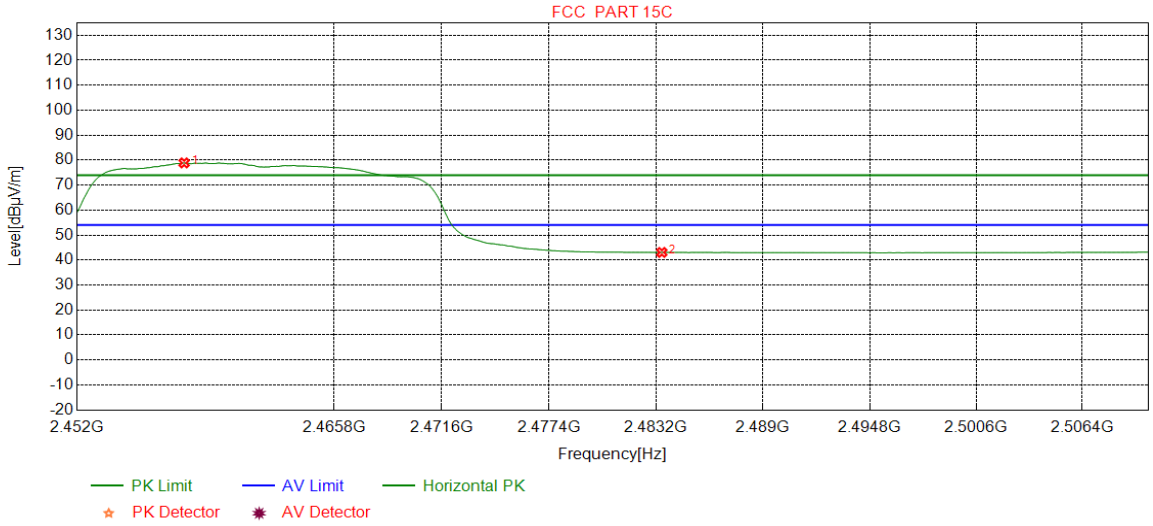
Test Graph



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	2460.7835	32.35	13.48	-43.11	85.23	87.95	74.00	-13.95	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.69	52.34	74.00	21.66	Pass	Vertical

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	AV		

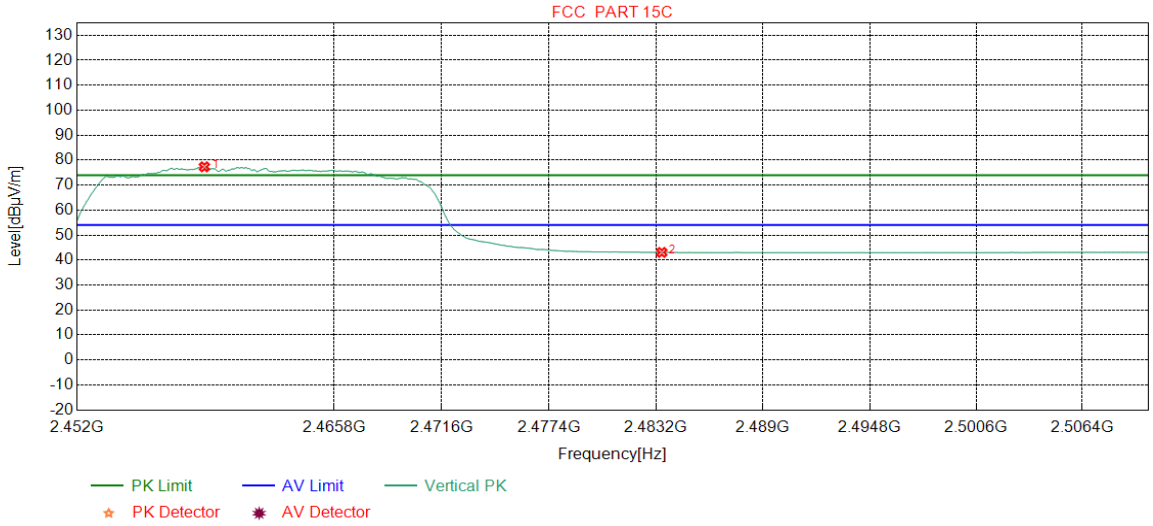
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2457.7347	32.34	13.49	-43.10	76.16	78.89	54.00	-24.89	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.40	43.05	54.00	10.95	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remark:	AV		

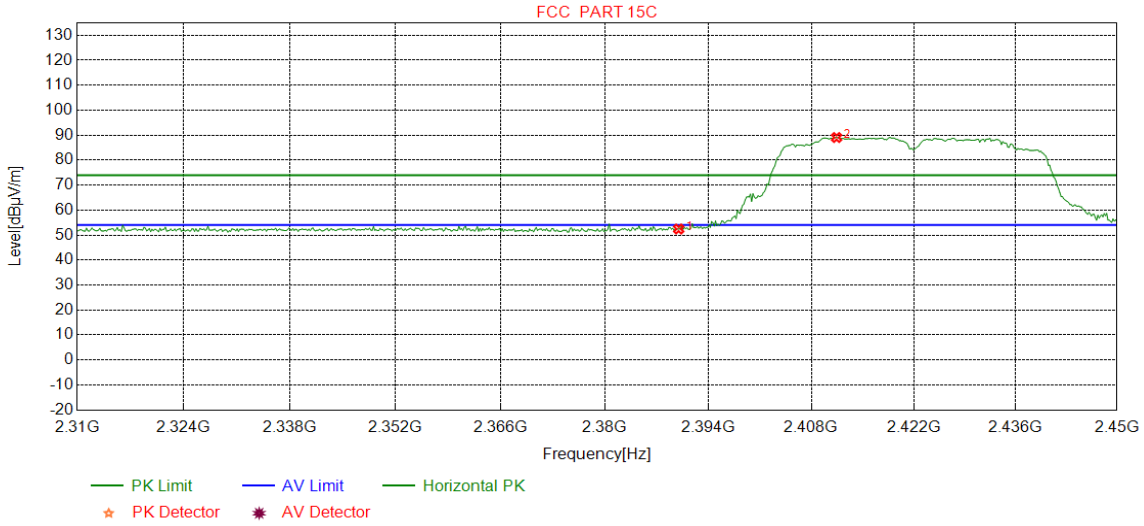
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2458.8235	32.34	13.49	-43.11	74.60	77.32	54.00	-23.32	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.41	43.06	54.00	10.94	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	PK		

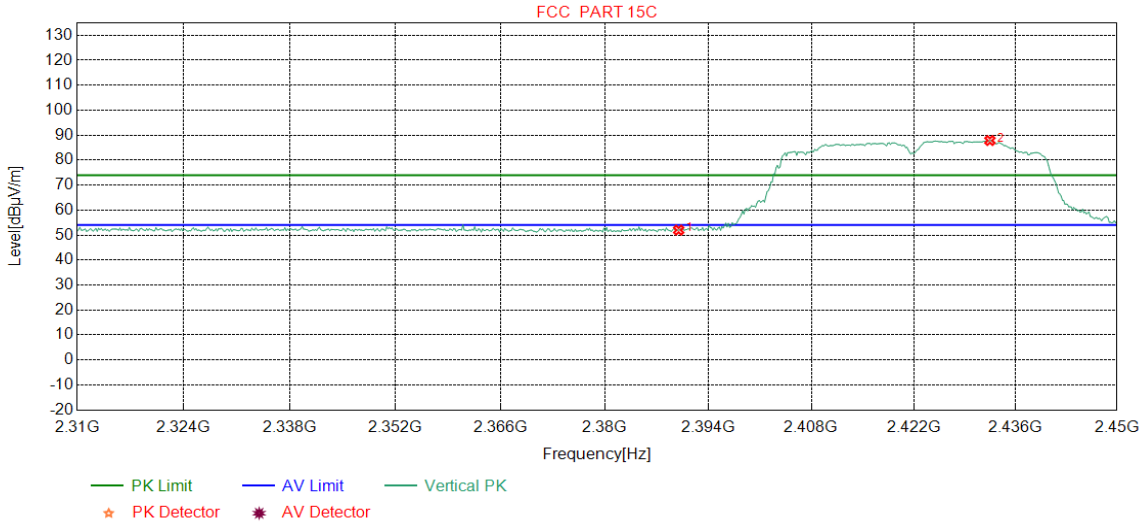
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.92	52.42	74.00	21.58	Pass	Horizontal
2	2411.4518	32.28	13.35	-43.12	86.55	89.06	74.00	-15.06	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	PK		

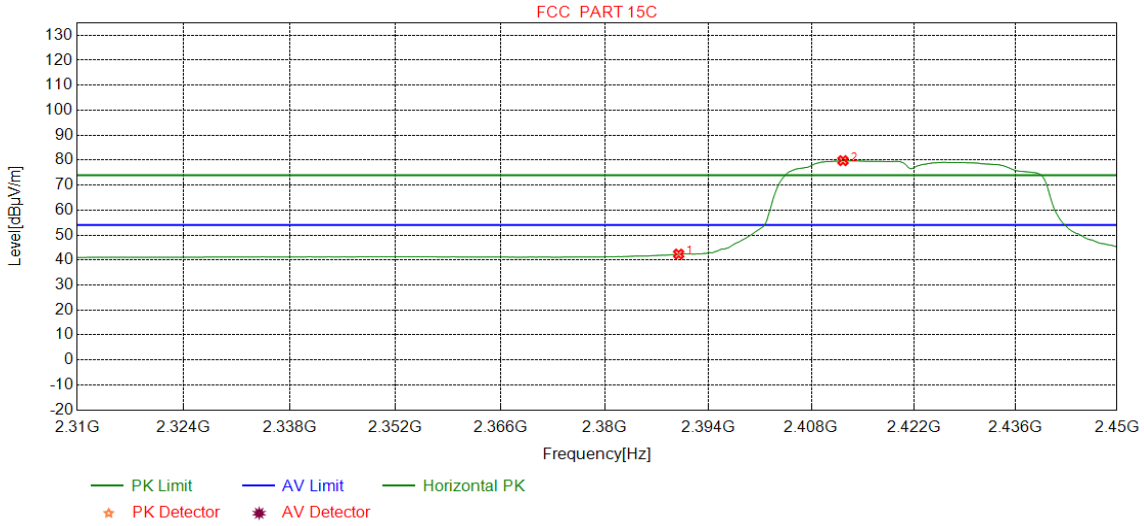
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.48	51.98	74.00	22.02	Pass	Vertical
2	2432.4781	32.31	13.45	-43.12	85.22	87.86	74.00	-13.86	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	AV		

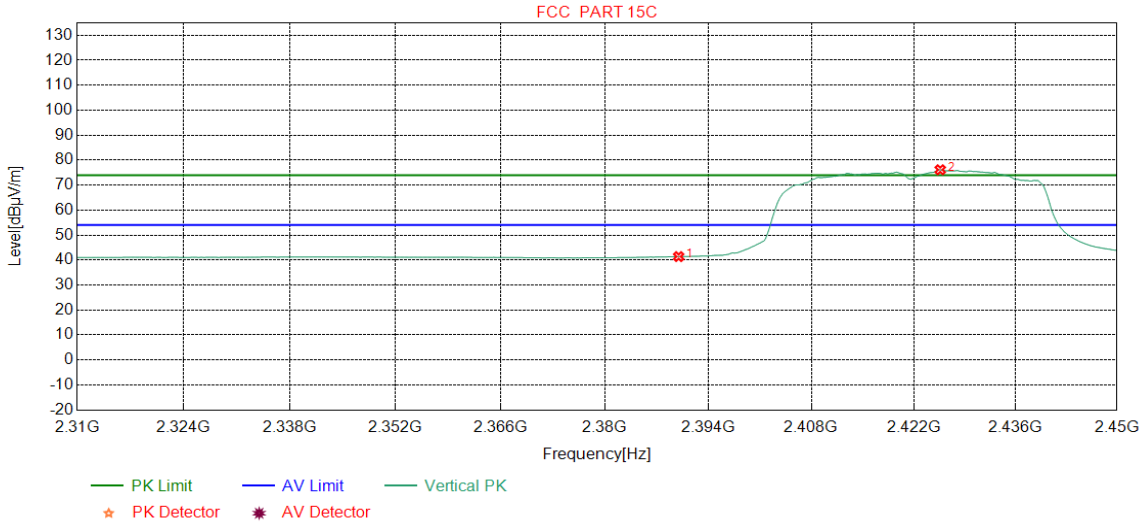
Test Graph



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	39.89	42.39	54.00	11.61	Pass	Horizontal
2	2412.3279	32.28	13.36	-43.12	77.28	79.80	54.00	-25.80	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2422
Remark:	AV		

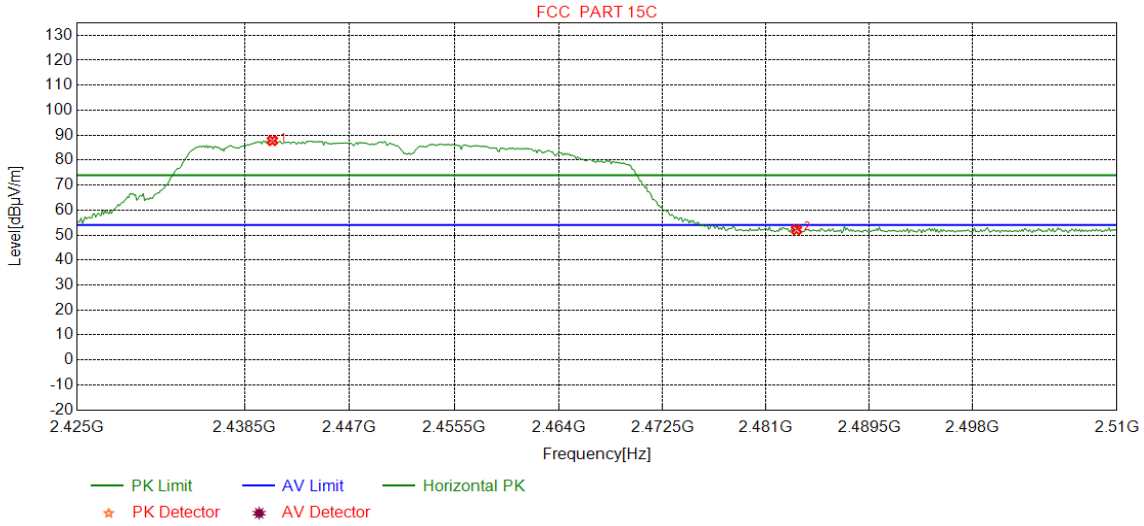
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	38.88	41.38	54.00	12.62	Pass	Vertical
2	2425.6446	32.30	13.42	-43.12	73.55	76.15	54.00	-22.15	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	PK		

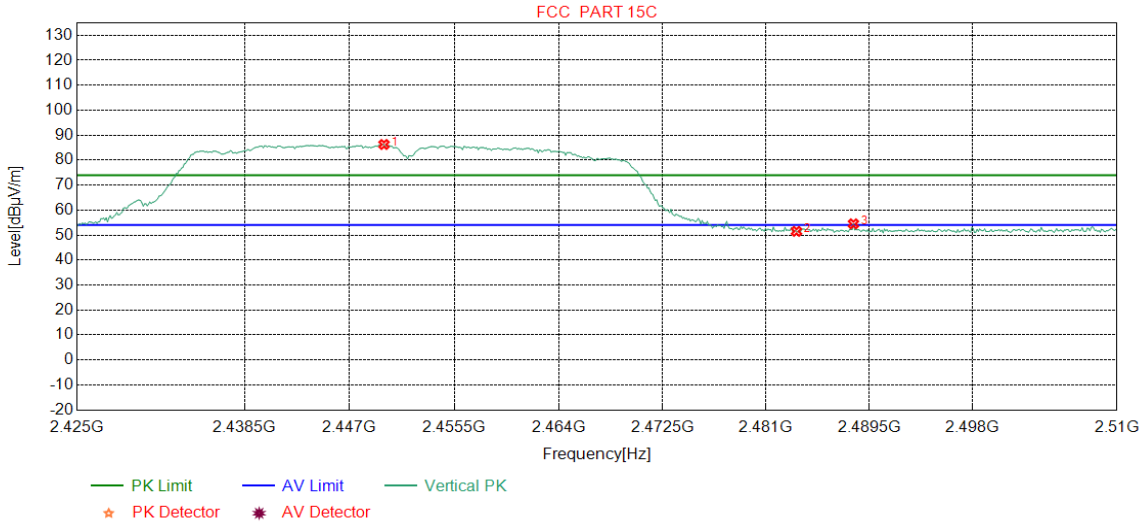
Test Graph



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	2440.7447	32.32	13.49	-43.12	85.12	87.81	74.00	-13.81	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.47	52.12	74.00	21.88	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	PK		

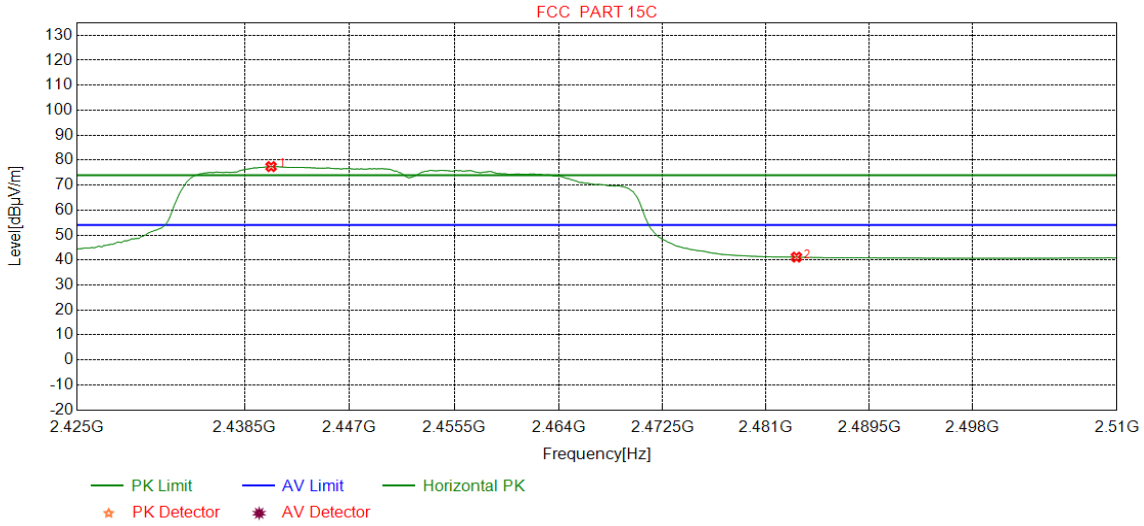
Test Graph



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	2449.7872	32.33	13.53	-43.11	83.52	86.27	74.00	-12.27	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	48.84	51.49	74.00	22.51	Pass	Vertical
3	2488.1915	32.38	13.35	-43.09	51.87	54.51	74.00	19.49	Pass	Vertical

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
Remark:	AV		

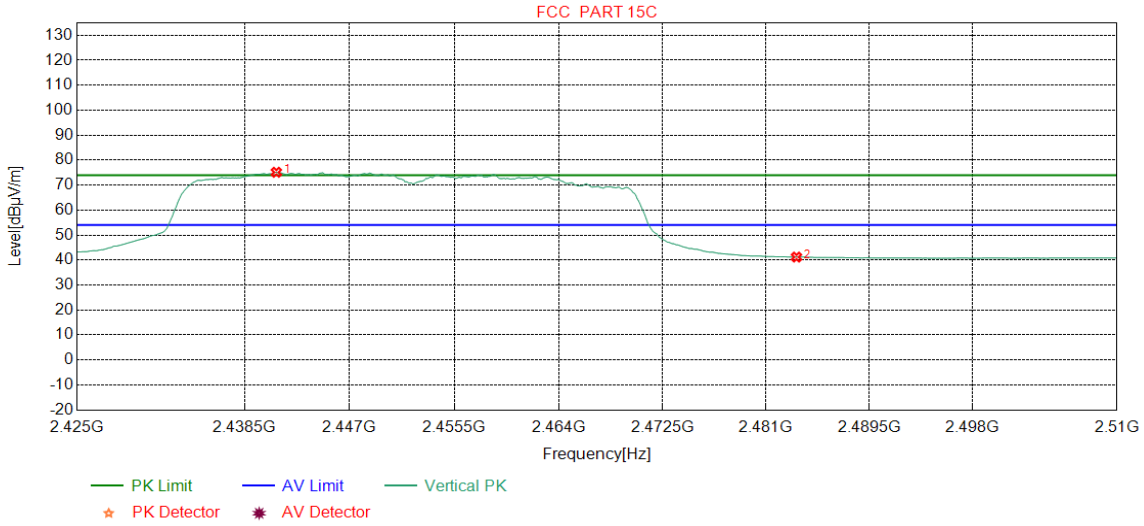
Test Graph



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	2440.6383	32.32	13.49	-43.12	74.72	77.41	54.00	-23.41	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	38.52	41.17	54.00	12.83	Pass	Horizontal

Mode:	802.11 n(HT40) (13.5Mbps) Transmitting	Channel:	2452
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	2441.0638	32.32	13.49	-43.12	72.46	75.15	54.00	-21.15	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	38.54	41.19	54.00	12.81	Pass	Vertical

Note:

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbpsof rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps of rate is the worst case of 802.11n(HT40),and then Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

Appendix I): Radiated Spurious Emissions

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Test Procedure:

Below 1GHz test procedure as below:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. 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.
d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. 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.

Above 1GHz test procedure as below:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter).
h. Test the EUT in the lowest channel, the middle channel ,the Highest channel .
i. 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.
j. Repeat above procedures until all frequencies measured was complete.

Limit:

Frequency	Field strength (microvolt/meter)	Limit (dBμV/m)	Remark	Measurement distance (m)
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
1.705MHz-30MHz	30	-	-	30
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	54.0	Average	3

Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

Radiated Spurious Emissions test Data:

Radiated Emission below 1GHz

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, 11n20 Channel 2412MHz was selected as the worst condition. The test data of the worst-case condition was recorded in this report.

MIMO:

Mode:		802.11 n(HT20) (6.5Mbps) Transmitting				Channel:		2412		
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	59.3939	11.70	0.89	-31.82	42.98	23.7	40.00	16.25	Pass	H
2	84.0344	8.03	1.06	-31.98	45.93	23.0	40.00	16.96	Pass	H
3	147.5758	7.47	1.44	-32.01	45.40	22.3	43.50	21.20	Pass	H
4	240.0260	11.94	1.84	-31.90	40.48	22.3	46.00	23.64	Pass	H
5	600.0290	19.00	2.96	-31.50	39.61	30.0	46.00	15.93	Pass	H
6	844.9785	21.44	3.50	-31.82	32.83	25.9	46.00	20.05	Pass	H
7	58.0358	11.91	0.88	-31.86	42.14	23.0	40.00	16.93	Pass	V
8	150.0010	7.55	1.45	-32.01	47.61	24.6	43.50	18.90	Pass	V
9	240.0260	11.94	1.84	-31.90	42.22	24.1	46.00	21.90	Pass	V
10	299.9780	13.20	2.06	-31.40	42.03	25.8	46.00	20.11	Pass	V
11	600.0290	19.00	2.96	-31.50	42.91	33.3	46.00	12.63	Pass	V
12	875.0515	21.80	3.55	-31.70	33.87	27.5	46.00	18.48	Pass	V

Transmitter Emission above 1GHz

Ant 1:

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1315.4315	28.22	2.77	-42.77	50.95	39.17	74.00	34.83	Pass	H	Peak
2	1943.2943	31.33	3.42	-43.07	51.14	42.82	74.00	31.18	Pass	H	Peak
3	3186.0124	33.27	4.63	-43.10	50.56	45.36	74.00	28.64	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	46.86	43.17	74.00	30.83	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	47.00	46.97	74.00	27.03	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.81	49.09	74.00	24.91	Pass	H	Peak
7	1444.4444	28.34	2.94	-42.86	51.27	39.69	74.00	34.31	Pass	V	Peak
8	1909.8910	31.11	3.42	-42.98	50.30	41.85	74.00	32.15	Pass	V	Peak
9	4254.0836	34.16	4.50	-42.90	50.77	46.53	74.00	27.47	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	47.28	43.59	74.00	30.41	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	48.34	48.31	74.00	25.69	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	46.16	48.44	74.00	25.56	Pass	V	Peak

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1594.8595	29.03	3.07	-42.92	51.29	40.47	74.00	33.53	Pass	H	Peak
2	2232.9233	32.03	3.74	-43.16	55.42	48.03	74.00	25.97	Pass	H	Peak
3	3954.0636	33.76	4.34	-43.01	49.72	44.81	74.00	29.19	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.48	43.96	74.00	30.04	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	47.63	47.75	74.00	26.25	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.09	49.46	74.00	24.54	Pass	H	Peak
7	1549.8550	28.73	3.03	-43.00	50.70	39.46	74.00	34.54	Pass	V	Peak
8	2065.9066	31.79	3.57	-43.19	51.16	43.33	74.00	30.67	Pass	V	Peak
9	4264.0843	34.17	4.48	-42.90	53.05	48.80	74.00	25.20	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	48.68	45.16	74.00	28.84	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.24	46.36	74.00	27.64	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.61	49.98	74.00	24.02	Pass	V	Peak

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Resul t	Polarit y	Remark
1	1382.4382	28.28	2.87	-42.69	61.75	50.21	74.00	23.79	Pass	H	Peak
2	1816.4816	30.49	3.34	-42.75	59.55	50.63	74.00	23.37	Pass	H	Peak
3	3286.0191	33.31	4.54	-43.09	49.81	44.57	74.00	29.43	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	47.99	44.54	74.00	29.46	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	46.39	46.60	74.00	27.40	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	46.01	48.48	74.00	25.52	Pass	H	Peak
7	1207.2207	28.11	2.66	-42.88	51.50	39.39	74.00	34.61	Pass	V	Peak
8	1924.8925	31.20	3.42	-43.01	50.63	42.24	74.00	31.76	Pass	V	Peak
9	4253.0835	34.15	4.50	-42.89	50.42	46.18	74.00	27.82	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	49.12	45.67	74.00	28.33	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	47.38	47.59	74.00	26.41	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	47.15	49.62	74.00	24.38	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remak
1	1302.8303	28.20	2.75	-42.78	51.54	39.71	74.00	34.29	Pass	H	Peak
2	1860.0860	30.78	3.39	-42.86	50.90	42.21	74.00	31.79	Pass	H	Peak
3	3728.0485	33.58	4.30	-43.05	50.13	44.96	74.00	29.04	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	47.18	43.49	74.00	30.51	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	45.71	45.68	74.00	28.32	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.58	48.86	74.00	25.14	Pass	H	Peak
7	1381.0381	28.28	2.87	-42.70	51.41	39.86	74.00	34.14	Pass	V	Peak
8	2061.1061	31.79	3.56	-43.19	50.38	42.54	74.00	31.46	Pass	V	Peak
9	4261.0841	34.17	4.49	-42.90	50.93	46.69	74.00	27.31	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	46.82	43.13	74.00	30.87	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.22	46.19	74.00	27.81	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	45.75	48.03	74.00	25.97	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remak
1	1235.8236	28.14	2.67	-42.85	52.44	40.40	74.00	33.60	Pass	H	Peak
2	2074.9075	31.80	3.57	-43.18	50.66	42.85	74.00	31.15	Pass	H	Peak
3	3032.0021	33.21	4.87	-43.10	50.03	45.01	74.00	28.99	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	46.39	42.87	74.00	31.13	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	47.00	47.12	74.00	26.88	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	46.86	49.23	74.00	24.77	Pass	H	Peak
7	1421.0421	28.32	2.92	-42.77	51.05	39.52	74.00	34.48	Pass	V	Peak
8	2174.3174	31.94	3.65	-43.16	50.94	43.37	74.00	30.63	Pass	V	Peak
9	3059.0039	33.22	4.81	-43.10	50.23	45.16	74.00	28.84	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	46.29	42.77	74.00	31.23	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.57	46.69	74.00	27.31	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.29	49.66	74.00	24.34	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remak
1	1280.4280	28.18	2.72	-42.80	52.09	40.19	74.00	33.81	Pass	H	Peak
2	1960.0960	31.44	3.43	-43.11	51.22	42.98	74.00	31.02	Pass	H	Peak
3	3185.0123	33.27	4.63	-43.10	50.00	44.80	74.00	29.20	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	48.25	44.80	74.00	29.20	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	45.76	45.97	74.00	28.03	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	46.65	49.12	74.00	24.88	Pass	H	Peak
7	1339.6340	28.24	2.81	-42.75	50.74	39.04	74.00	34.96	Pass	V	Peak
8	1785.2785	30.28	3.29	-42.70	51.92	42.79	74.00	31.21	Pass	V	Peak
9	4262.0841	34.17	4.48	-42.89	51.03	46.79	74.00	27.21	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	46.96	43.51	74.00	30.49	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.65	46.86	74.00	27.14	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	45.78	48.25	74.00	25.75	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remak
1	1566.6567	28.84	3.04	-42.96	51.88	40.80	74.00	33.20	Pass	H	Peak
2	2062.9063	31.79	3.57	-43.19	50.10	42.27	74.00	31.73	Pass	H	Peak
3	3060.0040	33.22	4.81	-43.10	50.73	45.66	74.00	28.34	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	48.07	44.38	74.00	29.62	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	45.47	45.44	74.00	28.56	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	45.62	47.90	74.00	26.10	Pass	H	Peak
7	1149.6150	28.05	2.69	-42.94	51.74	39.54	74.00	34.46	Pass	V	Peak
8	1926.4926	31.21	3.42	-43.02	50.68	42.29	74.00	31.71	Pass	V	Peak
9	3192.0128	33.28	4.64	-43.11	50.47	45.28	74.00	28.72	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	47.97	44.28	74.00	29.72	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	45.82	45.79	74.00	28.21	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	46.32	48.60	74.00	25.40	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remak
1	1300.4300	28.20	2.75	-42.78	51.10	39.27	74.00	34.73	Pass	H	Peak
2	2051.3051	31.77	3.56	-43.19	51.22	43.36	74.00	30.64	Pass	H	Peak
3	3892.0595	33.71	4.34	-43.01	49.99	45.03	74.00	28.97	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	48.06	44.54	74.00	29.46	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.10	46.22	74.00	27.78	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	46.51	48.88	74.00	25.12	Pass	H	Peak
7	1280.8281	28.18	2.72	-42.80	51.93	40.03	74.00	33.97	Pass	V	Peak
8	3189.0126	33.28	4.63	-43.10	51.09	45.90	74.00	28.10	Pass	V	Peak
9	4260.0840	34.16	4.49	-42.89	51.87	47.63	74.00	26.37	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	46.85	43.33	74.00	30.67	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	47.28	47.40	74.00	26.60	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	46.43	48.80	74.00	25.20	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remak
1	1312.6313	28.21	2.77	-42.77	51.27	39.48	74.00	34.52	Pass	H	Peak
2	2008.5009	31.71	3.49	-43.20	50.55	42.55	74.00	31.45	Pass	H	Peak
3	3200.0133	33.28	4.65	-43.10	50.17	45.00	74.00	29.00	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	47.32	43.87	74.00	30.13	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	46.70	46.91	74.00	27.09	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	46.16	48.63	74.00	25.37	Pass	H	Peak
7	1395.6396	28.30	2.89	-42.69	51.34	39.84	74.00	34.16	Pass	V	Peak
8	1907.0907	31.09	3.42	-42.98	50.84	42.37	74.00	31.63	Pass	V	Peak
9	4261.0841	34.17	4.49	-42.90	52.28	48.04	74.00	25.96	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	47.86	44.41	74.00	29.59	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	45.97	46.18	74.00	27.82	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	46.68	49.15	74.00	24.85	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2422			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readin g [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remak
1	1301.6302	28.20	2.75	-42.78	51.78	39.95	74.00	34.05	Pass	H	Peak
2	1962.8963	31.46	3.43	-43.11	50.46	42.24	74.00	31.76	Pass	H	Peak
3	3358.0239	33.34	4.53	-43.10	50.51	45.28	74.00	28.72	Pass	H	Peak
4	4844.0000	34.50	4.66	-42.80	46.46	42.82	74.00	31.18	Pass	H	Peak
5	7266.0000	36.37	5.80	-42.15	46.01	46.03	74.00	27.97	Pass	H	Peak
6	9688.0000	37.68	6.62	-42.10	46.29	48.49	74.00	25.51	Pass	H	Peak
7	1506.2506	28.44	3.00	-43.09	52.21	40.56	74.00	33.44	Pass	V	Peak
8	3000.0000	33.20	4.55	-43.10	50.44	45.09	74.00	28.91	Pass	V	Peak
9	4257.0838	34.16	4.49	-42.89	50.57	46.33	74.00	27.67	Pass	V	Peak
10	4844.0000	34.50	4.66	-42.80	47.09	43.45	74.00	30.55	Pass	V	Peak
11	7266.0000	36.37	5.80	-42.15	45.78	45.80	74.00	28.20	Pass	V	Peak
12	9688.0000	37.68	6.62	-42.10	46.81	49.01	74.00	24.99	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readi ng [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remak
1	1400.0400	28.30	2.90	-42.68	50.99	39.51	74.00	34.49	Pass	H	Peak
2	2066.1066	31.79	3.57	-43.19	50.60	42.77	74.00	31.23	Pass	H	Peak
3	2924.5925	33.08	4.39	-43.10	51.04	45.41	74.00	28.59	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.69	44.17	74.00	29.83	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	45.64	45.76	74.00	28.24	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	46.83	49.20	74.00	24.80	Pass	H	Peak
7	1698.2698	29.71	3.20	-42.67	51.49	41.73	74.00	32.27	Pass	V	Peak
8	3198.0132	33.28	4.65	-43.10	50.96	45.79	74.00	28.21	Pass	V	Peak
9	4259.0839	34.16	4.49	-42.89	50.85	46.61	74.00	27.39	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.53	44.01	74.00	29.99	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	45.67	45.79	74.00	28.21	Pass	V	Peak
12	9746.4498	37.70	6.77	-42.10	49.76	52.13	74.00	21.87	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2452			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Readi ng [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remak
1	1321.2321	28.2	2.78	-42.76	51.93	40.17	74.00	33.83	Pass	H	Peak
2	2023.9024	31.7	3.51	-43.19	50.88	42.93	74.00	31.07	Pass	H	Peak
3	3064.0043	33.2	4.80	-43.11	50.53	45.45	74.00	28.55	Pass	H	Peak
4	4904.0000	34.5	4.88	-42.80	47.57	44.15	74.00	29.85	Pass	H	Peak
5	7356.0000	36.4	5.85	-42.13	47.68	47.86	74.00	26.14	Pass	H	Peak
6	9808.0000	37.7	6.59	-42.10	46.63	48.84	74.00	25.16	Pass	H	Peak
7	1081.8082	27.9	2.54	-43.01	51.76	39.27	74.00	34.73	Pass	V	Peak
8	1656.4656	29.4	3.15	-42.76	50.67	40.49	74.00	33.51	Pass	V	Peak
9	3922.0615	33.7	4.34	-43.02	50.34	45.40	74.00	28.60	Pass	V	Peak
10	4904.0000	34.5	4.88	-42.80	46.95	43.53	74.00	30.47	Pass	V	Peak
11	7356.0000	36.4	5.85	-42.13	46.43	46.61	74.00	27.39	Pass	V	Peak
12	9808.0000	37.7	6.59	-42.10	47.24	49.45	74.00	24.55	Pass	V	Peak

Ant2:

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1419.8420	28.32	2.92	-42.76	51.07	39.55	74.00	34.45	Pass	H	Peak
2	1902.2902	31.06	3.42	-42.97	51.21	42.72	74.00	31.28	Pass	H	Peak
3	4139.0759	33.99	4.47	-42.94	49.68	45.20	74.00	28.80	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	46.42	42.73	74.00	31.27	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	46.31	46.28	74.00	27.72	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.11	48.39	74.00	25.61	Pass	H	Peak
7	1365.6366	28.27	2.85	-42.73	51.11	39.50	74.00	34.50	Pass	V	Peak
8	3190.0127	33.28	4.63	-43.10	51.35	46.16	74.00	27.84	Pass	V	Peak
9	4255.0837	34.16	4.50	-42.90	51.25	47.01	74.00	26.99	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	49.59	45.90	74.00	28.10	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.46	46.43	74.00	27.57	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	47.08	49.36	74.00	24.64	Pass	V	Peak

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1470.6471	28.37	2.97	-42.98	51.42	39.78	74.00	34.22	Pass	H	Peak
2	1979.4980	31.56	3.45	-43.15	50.98	42.84	74.00	31.16	Pass	H	Peak
3	3920.0613	33.74	4.34	-43.02	50.24	45.30	74.00	28.70	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.12	43.60	74.00	30.40	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.17	46.29	74.00	27.71	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.63	50.00	74.00	24.00	Pass	H	Peak
7	1088.4088	27.99	2.55	-43.01	51.79	39.32	74.00	34.68	Pass	V	Peak
8	2026.5027	31.74	3.52	-43.20	50.76	42.82	74.00	31.18	Pass	V	Peak
9	4254.0836	34.16	4.50	-42.90	50.42	46.18	74.00	27.82	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	48.25	44.73	74.00	29.27	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	45.96	46.08	74.00	27.92	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.03	49.40	74.00	24.60	Pass	V	Peak

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1155.0155	28.06	2.69	-42.95	51.29	39.09	74.00	34.91	Pass	H	Peak
2	1713.6714	29.81	3.21	-42.67	51.07	41.42	74.00	32.58	Pass	H	Peak
3	3090.0060	33.24	4.74	-43.10	50.40	45.28	74.00	28.72	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	48.65	45.20	74.00	28.80	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	45.73	45.94	74.00	28.06	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	47.35	49.82	74.00	24.18	Pass	H	Peak
7	1341.2341	28.24	2.81	-42.74	51.69	40.00	74.00	34.00	Pass	V	Peak
8	1824.8825	30.54	3.35	-42.77	50.60	41.72	74.00	32.28	Pass	V	Peak
9	3197.0131	33.28	4.65	-43.11	50.31	45.13	74.00	28.87	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	48.96	45.51	74.00	28.49	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.69	46.90	74.00	27.10	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	46.97	49.44	74.00	24.56	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1125.8126	28.03	2.63	-42.97	51.82	39.51	74.00	34.49	Pass	H	Peak
2	1382.0382	28.28	2.87	-42.70	51.84	40.29	74.00	33.71	Pass	H	Peak
3	3212.0141	33.28	4.60	-43.09	50.79	45.58	74.00	28.42	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	47.42	43.73	74.00	30.27	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	45.21	45.18	74.00	28.82	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.65	48.93	74.00	25.07	Pass	H	Peak
7	1947.2947	31.35	3.42	-43.07	50.87	42.57	74.00	31.43	Pass	V	Peak
8	3188.0125	33.28	4.63	-43.10	50.96	45.77	74.00	28.23	Pass	V	Peak
9	4257.0838	34.16	4.49	-42.89	50.97	46.73	74.00	27.27	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	47.14	43.45	74.00	30.55	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	45.98	45.95	74.00	28.05	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	47.41	49.69	74.00	24.31	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1550.0550	28.73	3.03	-43.00	51.49	40.25	74.00	33.75	Pass	H	Peak
2	2051.5052	31.77	3.56	-43.19	51.15	43.29	74.00	30.71	Pass	H	Peak
3	3006.0004	33.20	4.92	-43.10	49.80	44.82	74.00	29.18	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	48.12	44.60	74.00	29.40	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	45.34	45.46	74.00	28.54	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.62	49.99	74.00	24.01	Pass	H	Peak
7	1394.6395	28.29	2.89	-42.68	50.75	39.25	74.00	34.75	Pass	V	Peak
8	1943.0943	31.32	3.42	-43.06	50.77	42.45	74.00	31.55	Pass	V	Peak
9	3186.0124	33.27	4.63	-43.10	49.83	44.63	74.00	29.37	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	46.53	43.01	74.00	30.99	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.27	46.39	74.00	27.61	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	46.28	48.65	74.00	25.35	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1339.6340	28.24	2.81	-42.75	50.96	39.26	74.00	34.74	Pass	H	Peak
2	2067.1067	31.79	3.57	-43.19	51.73	43.90	74.00	30.10	Pass	H	Peak
3	3392.0261	33.36	4.55	-43.10	49.67	44.48	74.00	29.52	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	46.68	43.23	74.00	30.77	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	46.21	46.42	74.00	27.58	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	46.38	48.85	74.00	25.15	Pass	H	Peak
7	1547.0547	28.71	3.03	-43.01	51.48	40.21	74.00	33.79	Pass	V	Peak
8	2008.7009	31.71	3.49	-43.20	51.16	43.16	74.00	30.84	Pass	V	Peak
9	4255.0837	34.16	4.50	-42.90	50.36	46.12	74.00	27.88	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	47.58	44.13	74.00	29.87	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.19	46.40	74.00	27.60	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	47.07	49.54	74.00	24.46	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1337.6338	28.24	2.80	-42.75	51.51	39.80	74.00	34.20	Pass	H	Peak
2	1882.4882	30.92	3.41	-42.91	50.80	42.22	74.00	31.78	Pass	H	Peak
3	3843.0562	33.67	4.36	-43.03	50.35	45.35	74.00	28.65	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	46.91	43.22	74.00	30.78	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	45.86	45.83	74.00	28.17	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.28	48.56	74.00	25.44	Pass	H	Peak
7	1633.0633	29.28	3.12	-42.83	50.74	40.31	74.00	33.69	Pass	V	Peak
8	3194.0129	33.28	4.64	-43.10	49.73	44.55	74.00	29.45	Pass	V	Peak
9	4257.0838	34.16	4.49	-42.89	50.38	46.14	74.00	27.86	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	46.54	42.85	74.00	31.15	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.37	46.34	74.00	27.66	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	46.14	48.42	74.00	25.58	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1471.2471	28.37	2.97	-42.98	51.50	39.86	74.00	34.14	Pass	H	Peak
2	1797.2797	30.36	3.32	-42.71	51.00	41.97	74.00	32.03	Pass	H	Peak
3	3946.0631	33.76	4.34	-43.01	50.04	45.13	74.00	28.87	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	46.98	43.46	74.00	30.54	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	45.31	45.43	74.00	28.57	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	46.55	48.92	74.00	25.08	Pass	H	Peak
7	1302.4302	28.20	2.75	-42.78	51.18	39.35	74.00	34.65	Pass	V	Peak
8	1809.2809	30.44	3.33	-42.73	51.04	42.08	74.00	31.92	Pass	V	Peak
9	3177.0118	33.27	4.61	-43.10	50.53	45.31	74.00	28.69	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.39	43.87	74.00	30.13	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	47.32	47.44	74.00	26.56	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.54	49.91	74.00	24.09	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1443.8444	28.34	2.94	-42.86	51.65	40.07	74.00	33.93	Pass	H	Peak
2	1917.6918	31.16	3.42	-43.00	50.60	42.18	74.00	31.82	Pass	H	Peak
3	3054.0036	33.22	4.82	-43.10	50.56	45.50	74.00	28.50	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	47.57	44.12	74.00	29.88	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	46.71	46.92	74.00	27.08	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	46.20	48.67	74.00	25.33	Pass	H	Peak
7	1444.2444	28.34	2.94	-42.86	51.69	40.11	74.00	33.89	Pass	V	Peak
8	1904.8905	31.07	3.42	-42.96	50.35	41.88	74.00	32.12	Pass	V	Peak
9	4266.0844	34.17	4.47	-42.89	50.64	46.39	74.00	27.61	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	47.15	43.70	74.00	30.30	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	45.47	45.68	74.00	28.32	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	47.58	50.05	74.00	23.95	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2422			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1363.0363	28.26	2.84	-42.71	51.63	40.02	74.00	33.98	Pass	H	Peak
2	1938.6939	31.30	3.42	-43.05	51.02	42.69	74.00	31.31	Pass	H	Peak
3	4141.0761	34.00	4.48	-42.95	49.44	44.97	74.00	29.03	Pass	H	Peak
4	4844.0000	34.50	4.66	-42.80	47.50	43.86	74.00	30.14	Pass	H	Peak
5	7266.0000	36.37	5.80	-42.15	45.83	45.85	74.00	28.15	Pass	H	Peak
6	9688.0000	37.68	6.62	-42.10	47.08	49.28	74.00	24.72	Pass	H	Peak
7	1487.2487	28.39	2.98	-43.05	51.39	39.71	74.00	34.29	Pass	V	Peak
8	1860.0860	30.78	3.39	-42.86	50.64	41.95	74.00	32.05	Pass	V	Peak
9	4255.0837	34.16	4.50	-42.90	51.78	47.54	74.00	26.46	Pass	V	Peak
10	4844.0000	34.50	4.66	-42.80	47.29	43.65	74.00	30.35	Pass	V	Peak
11	7266.0000	36.37	5.80	-42.15	46.19	46.21	74.00	27.79	Pass	V	Peak
12	9688.0000	37.68	6.62	-42.10	46.93	49.13	74.00	24.87	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1354.8355	28.25	2.83	-42.72	50.86	39.22	74.00	34.78	Pass	H	Peak
2	1761.4761	30.13	3.25	-42.69	52.49	43.18	74.00	30.82	Pass	H	Peak
3	3787.0525	33.63	4.36	-43.04	49.98	44.93	74.00	29.07	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	46.66	43.14	74.00	30.86	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.34	46.46	74.00	27.54	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.25	49.62	74.00	24.38	Pass	H	Peak
7	1999.0999	31.69	3.47	-43.19	51.10	43.07	74.00	30.93	Pass	V	Peak
8	2938.9939	33.10	4.40	-43.10	51.49	45.89	74.00	28.11	Pass	V	Peak
9	4260.0840	34.16	4.49	-42.89	51.10	46.86	74.00	27.14	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	46.79	43.27	74.00	30.73	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.72	46.84	74.00	27.16	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	46.75	49.12	74.00	24.88	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2452			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1311.2311	28.21	2.77	-42.78	51.09	39.29	74.00	34.71	Pass	H	Peak
2	1793.4793	30.34	3.31	-42.71	51.14	42.08	74.00	31.92	Pass	H	Peak
3	3899.0599	33.72	4.34	-43.02	49.53	44.57	74.00	29.43	Pass	H	Peak
4	4904.0000	34.50	4.88	-42.80	46.90	43.48	74.00	30.52	Pass	H	Peak
5	7356.0000	36.46	5.85	-42.13	47.68	47.86	74.00	26.14	Pass	H	Peak
6	9808.0000	37.72	6.59	-42.10	46.69	48.90	74.00	25.10	Pass	H	Peak
7	1967.0967	31.48	3.44	-43.12	50.76	42.56	74.00	31.44	Pass	V	Peak
8	2942.9943	33.11	4.40	-43.10	51.28	45.69	74.00	28.31	Pass	V	Peak
9	4266.0844	34.17	4.47	-42.89	50.97	46.72	74.00	27.28	Pass	V	Peak
10	4904.0000	34.50	4.88	-42.80	47.39	43.97	74.00	30.03	Pass	V	Peak
11	7356.0000	36.46	5.85	-42.13	47.12	47.30	74.00	26.70	Pass	V	Peak
12	9808.0000	37.72	6.59	-42.10	47.47	49.68	74.00	24.32	Pass	V	Peak

MIMO:

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1590.6591	29.00	3.06	-42.92	51.51	40.65	74.00	33.35	Pass	H	Peak
2	2832.5833	32.93	4.23	-43.09	51.30	45.37	74.00	28.63	Pass	H	Peak
3	4136.0757	33.99	4.46	-42.95	49.96	45.46	74.00	28.54	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	46.80	43.11	74.00	30.89	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	46.14	46.11	74.00	27.89	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.55	48.83	74.00	25.17	Pass	H	Peak
7	1880.4880	30.91	3.40	-42.90	51.18	42.59	74.00	31.41	Pass	V	Peak
8	2798.3798	32.88	4.24	-43.11	51.40	45.41	74.00	28.59	Pass	V	Peak
9	4249.0833	34.15	4.51	-42.90	51.78	47.54	74.00	26.46	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	47.12	43.43	74.00	30.57	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	47.58	47.55	74.00	26.45	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	46.68	48.96	74.00	25.04	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1442.8443	28.34	2.94	-42.85	51.59	40.02	74.00	33.98	Pass	H	Peak
2	1884.8885	30.94	3.41	-42.92	50.71	42.14	74.00	31.86	Pass	H	Peak
3	3783.0522	33.63	4.36	-43.04	49.47	44.42	74.00	29.58	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	46.56	43.04	74.00	30.96	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.69	46.81	74.00	27.19	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.08	49.45	74.00	24.55	Pass	H	Peak
7	1461.0461	28.36	2.96	-42.94	51.59	39.97	74.00	34.03	Pass	V	Peak
8	2048.1048	31.77	3.56	-43.20	51.35	43.48	74.00	30.52	Pass	V	Peak
9	4264.0843	34.17	4.48	-42.90	51.57	47.32	74.00	26.68	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	46.84	43.32	74.00	30.68	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	47.47	47.59	74.00	26.41	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.37	49.74	74.00	24.26	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1507.0507	28.45	3.00	-43.09	51.06	39.42	74.00	34.58	Pass	H	Peak
2	2057.9058	31.78	3.56	-43.18	51.25	43.41	74.00	30.59	Pass	H	Peak
3	3088.0059	33.24	4.75	-43.11	50.56	45.44	74.00	28.56	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	46.61	43.16	74.00	30.84	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	47.01	47.22	74.00	26.78	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	46.32	48.79	74.00	25.21	Pass	H	Peak
7	1400.6401	28.30	2.90	-42.68	51.00	39.52	74.00	34.48	Pass	V	Peak
8	2069.9070	31.80	3.57	-43.19	50.74	42.92	74.00	31.08	Pass	V	Peak
9	4266.0844	34.17	4.47	-42.89	50.06	45.81	74.00	28.19	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	46.40	42.95	74.00	31.05	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.67	46.88	74.00	27.12	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	46.10	48.57	74.00	25.43	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2422			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1023.0023	27.92	2.45	-43.07	54.99	42.29	74.00	31.71	Pass	H	Peak
2	2093.9094	31.83	3.58	-43.18	51.26	43.49	74.00	30.51	Pass	H	Peak
3	3760.0507	33.61	4.35	-43.05	49.54	44.45	74.00	29.55	Pass	H	Peak
4	4844.0000	34.50	4.66	-42.80	47.42	43.78	74.00	30.22	Pass	H	Peak
5	7266.0000	36.37	5.80	-42.15	45.87	45.89	74.00	28.11	Pass	H	Peak
6	9688.0000	37.68	6.62	-42.10	46.54	48.74	74.00	25.26	Pass	H	Peak
7	1323.4323	28.22	2.78	-42.75	51.58	39.83	74.00	34.17	Pass	V	Peak
8	1823.0823	30.53	3.35	-42.77	50.96	42.07	74.00	31.93	Pass	V	Peak
9	4264.0843	34.17	4.48	-42.90	52.96	48.71	74.00	25.29	Pass	V	Peak
10	4844.0000	34.50	4.66	-42.80	46.05	42.41	74.00	31.59	Pass	V	Peak
11	7266.0000	36.37	5.80	-42.15	47.13	47.15	74.00	26.85	Pass	V	Peak
12	9688.0000	37.68	6.62	-42.10	48.93	51.13	74.00	22.87	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1360.6361	28.26	2.84	-42.72	52.10	40.48	74.00	33.52	Pass	H	Peak
2	1717.4717	29.84	3.21	-42.67	52.18	42.56	74.00	31.44	Pass	H	Peak
3	3808.0539	33.65	4.37	-43.04	49.96	44.94	74.00	29.06	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.06	43.54	74.00	30.46	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.39	46.51	74.00	27.49	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.66	50.03	74.00	23.97	Pass	H	Peak
7	1781.8782	30.26	3.29	-42.70	50.83	41.68	74.00	32.32	Pass	V	Peak
8	3195.0130	33.28	4.64	-43.10	50.09	44.91	74.00	29.09	Pass	V	Peak
9	4261.0841	34.17	4.49	-42.90	50.58	46.34	74.00	27.66	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	49.11	45.59	74.00	28.41	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.33	46.45	74.00	27.55	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.53	49.90	74.00	24.10	Pass	V	Peak

Mode:		802.11 n (HT40) (13.5Mbps)				Channel:		2452			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remak
1	1694.2694	29.68	3.19	-42.67	50.75	40.95	74.00	33.05	Pass	H	Peak
2	2064.5065	31.79	3.57	-43.19	51.24	43.41	74.00	30.59	Pass	H	Peak
3	2950.1950	33.12	4.40	-43.10	50.95	45.37	74.00	28.63	Pass	H	Peak
4	4904.0000	34.50	4.88	-42.80	46.88	43.46	74.00	30.54	Pass	H	Peak
5	7356.0000	36.46	5.85	-42.13	47.20	47.38	74.00	26.62	Pass	H	Peak
6	9808.0000	37.72	6.59	-42.10	47.28	49.49	74.00	24.51	Pass	H	Peak
7	2072.1072	31.80	3.57	-43.19	50.88	43.06	74.00	30.94	Pass	V	Peak
8	2836.5837	32.94	4.23	-43.10	50.77	44.84	74.00	29.16	Pass	V	Peak
9	4260.0840	34.16	4.49	-42.89	51.19	46.95	74.00	27.05	Pass	V	Peak
10	4904.0000	34.50	4.88	-42.80	47.81	44.39	74.00	29.61	Pass	V	Peak
11	7356.0000	36.46	5.85	-42.13	46.84	47.02	74.00	26.98	Pass	V	Peak
12	9808.0000	37.72	6.59	-42.10	47.24	49.45	74.00	24.55	Pass	V	Peak

Note:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

2) Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

PHOTOGRAPHS OF TEST SETUP On Page 218-220

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