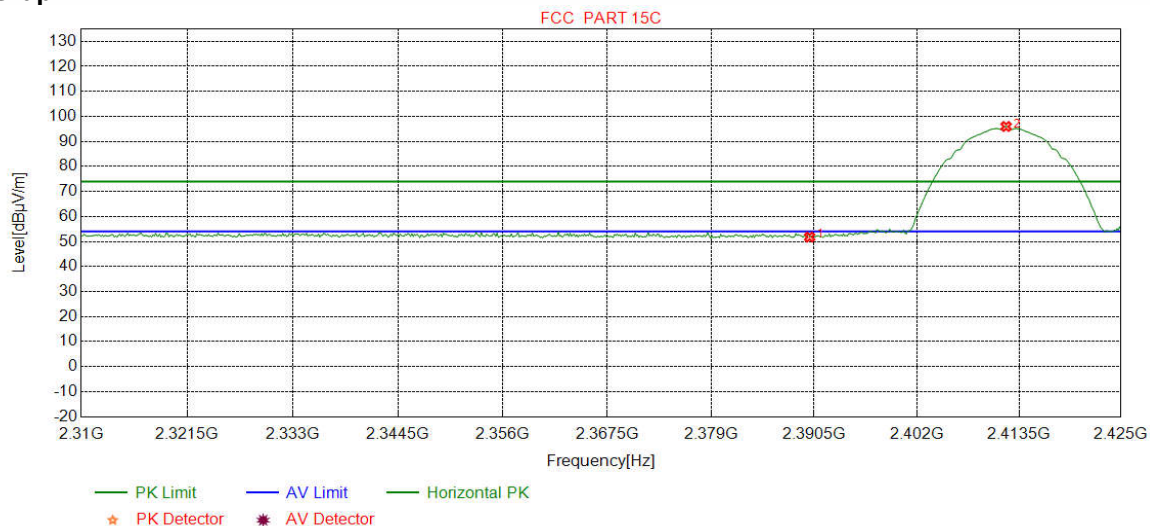


Mode:	802.11 b(11Mbps) Transmitting	Channel:	2412
Remark:	PK		

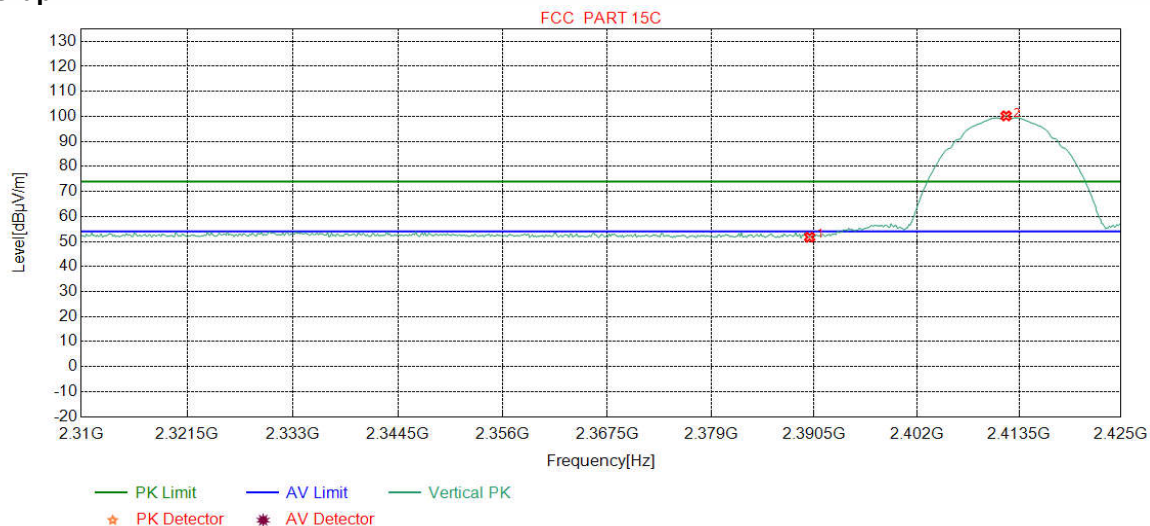
Test Graph



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	49.29	51.79	74.00	22.21	Pass	Horizontal
2	2412.0463	32.28	13.36	-43.13	93.46	95.97	74.00	-21.97	Pass	Horizontal

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2412
Remark:	PK		

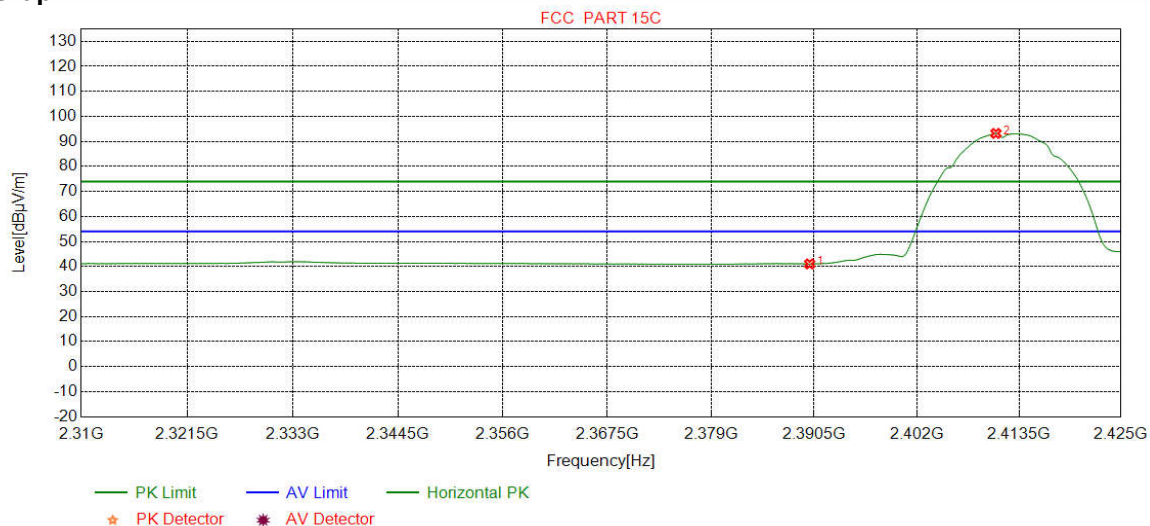
Test Graph



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	49.21	51.71	74.00	22.29	Pass	Vertical
2	2412.0463	32.28	13.36	-43.13	97.71	100.22	74.00	-26.22	Pass	Vertical

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2412
Remark:	AV		

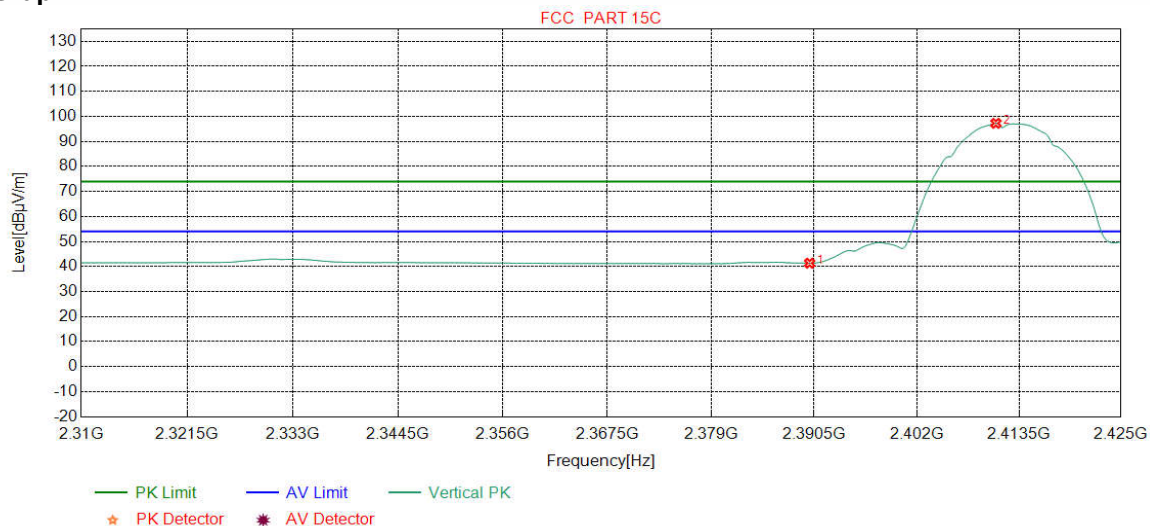
Test Graph



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	38.53	41.03	54.00	12.97	Pass	Horizontal
2	2410.8949	32.28	13.35	-43.12	90.69	93.20	54.00	-39.20	Pass	Horizontal

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2412
Remark:	AV		

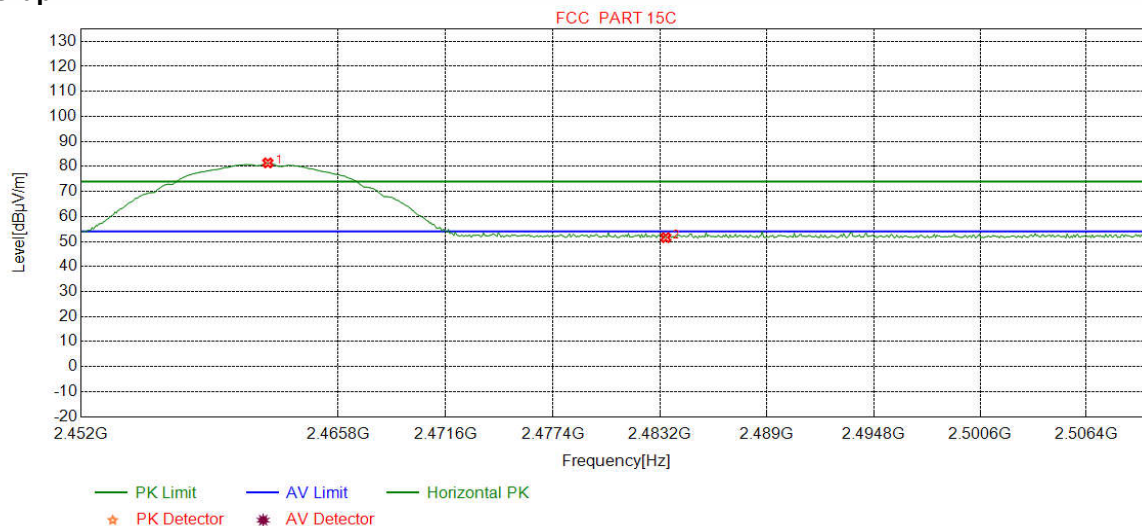
Test Graph



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	38.83	41.33	54.00	12.67	Pass	Vertical
2	2410.8949	32.28	13.35	-43.12	94.73	97.24	54.00	-43.24	Pass	Vertical

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2462
Remark:	PK		

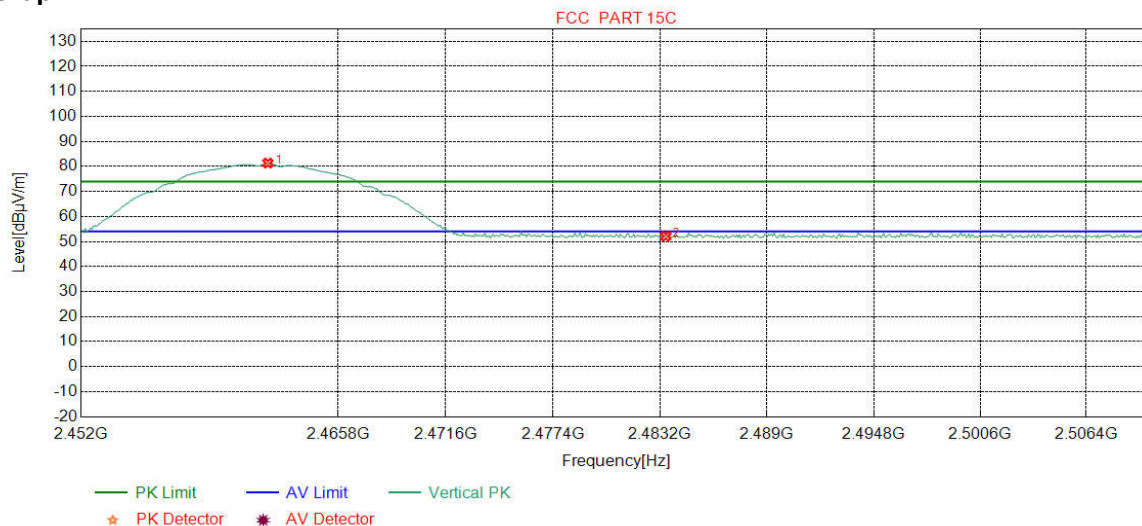
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2462.0175	32.35	13.47	-43.11	78.70	81.41	74.00	-7.41	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	48.91	51.56	74.00	22.44	Pass	Horizontal

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2462
Remark:	PK		

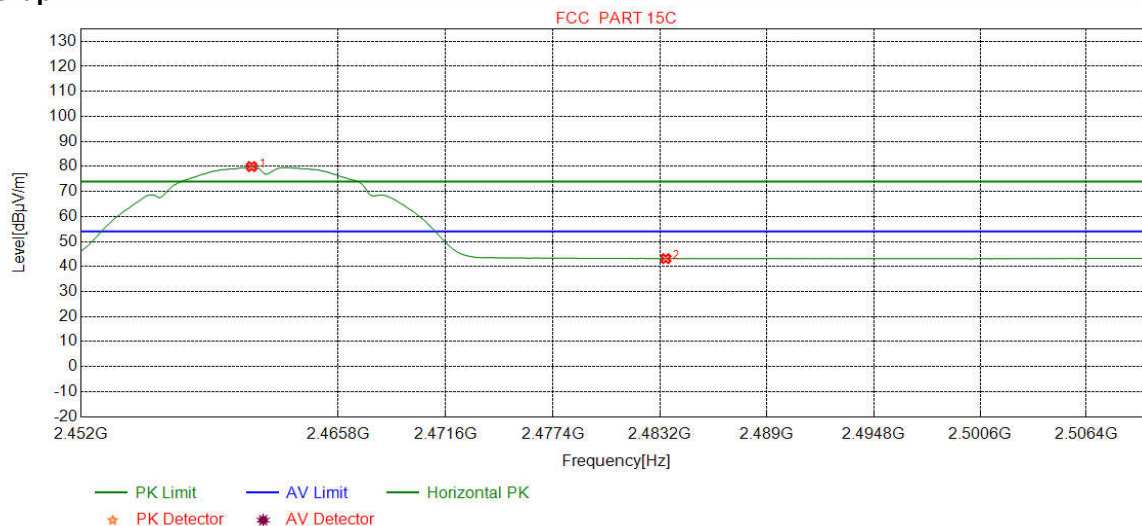
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2462.0175	32.35	13.47	-43.11	78.62	81.33	74.00	-7.33	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.45	52.10	74.00	21.90	Pass	Vertical

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2462
Remark:	AV		

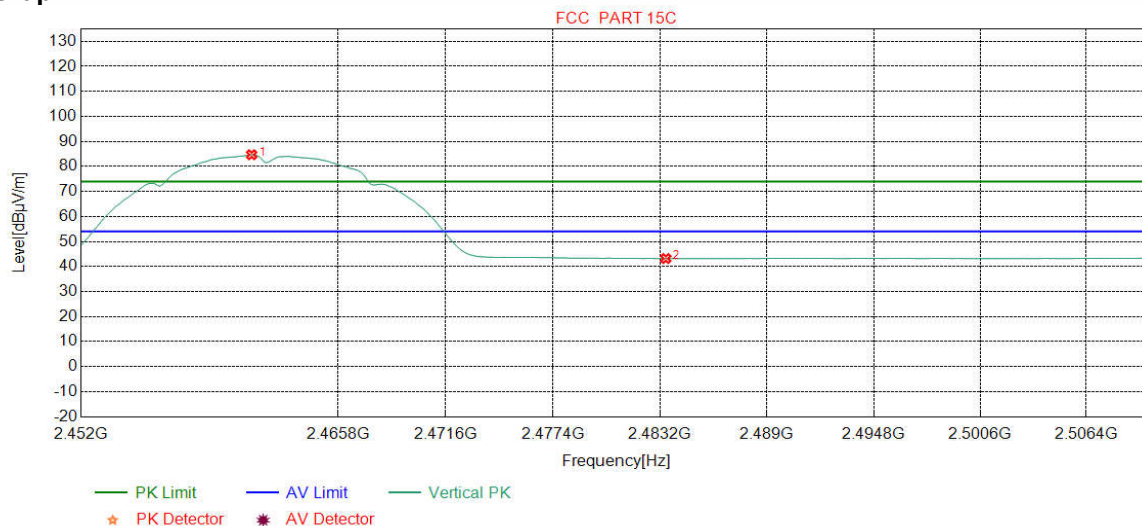
Test Graph



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	2461.1464	32.35	13.48	-43.11	77.23	79.95	54.00	-25.95	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.51	43.16	54.00	10.84	Pass	Horizontal

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2462
Remark:	AV		

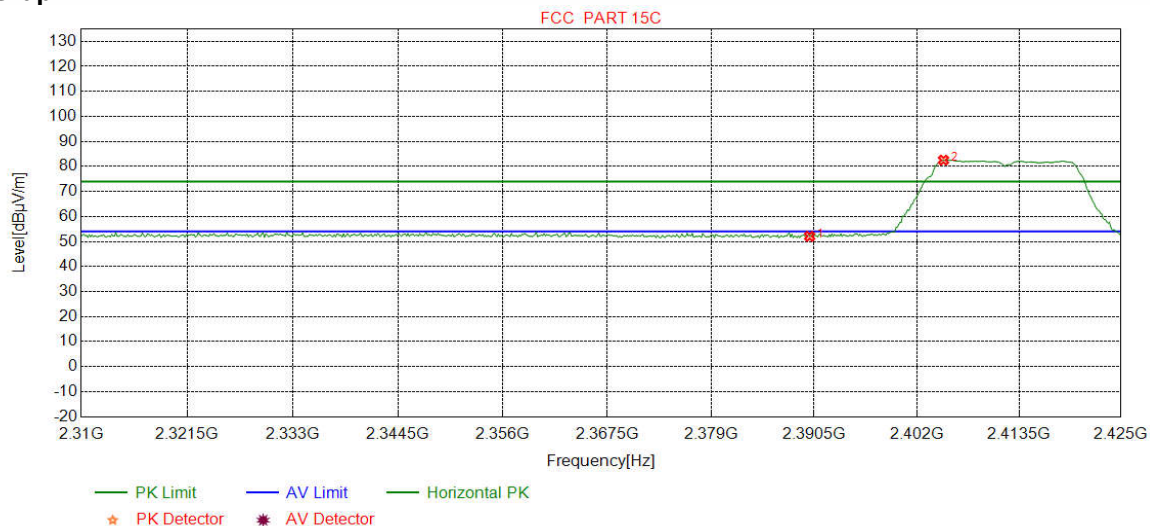
Test Graph



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	2461.1464	32.35	13.48	-43.11	81.97	84.69	54.00	-30.69	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.54	43.19	54.00	10.81	Pass	Vertical

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

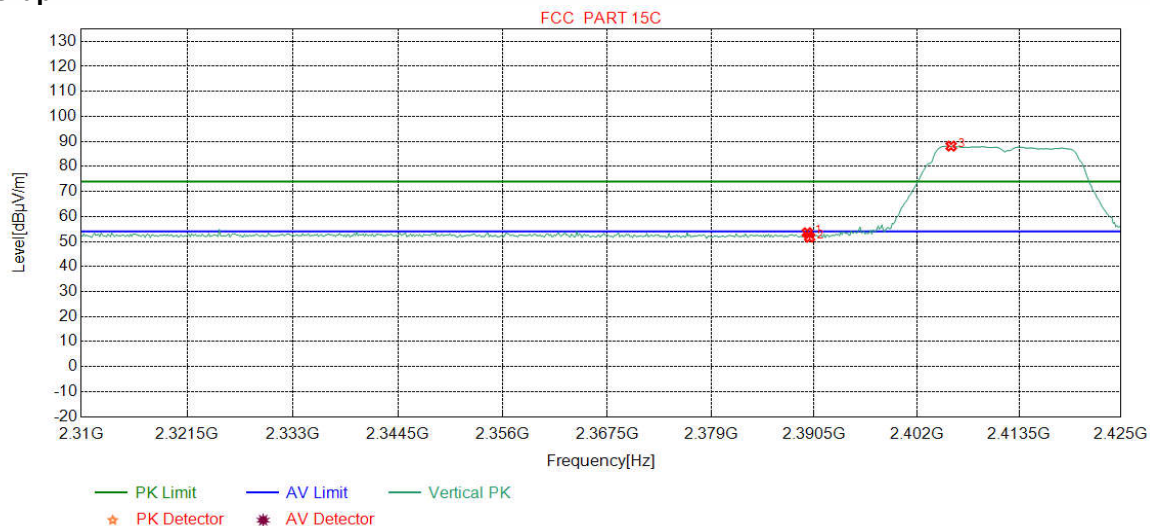
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.58	52.08	74.00	21.92	Pass	Horizontal
2	2404.9937	32.27	13.32	-43.12	80.05	82.52	74.00	-8.52	Pass	Horizontal

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

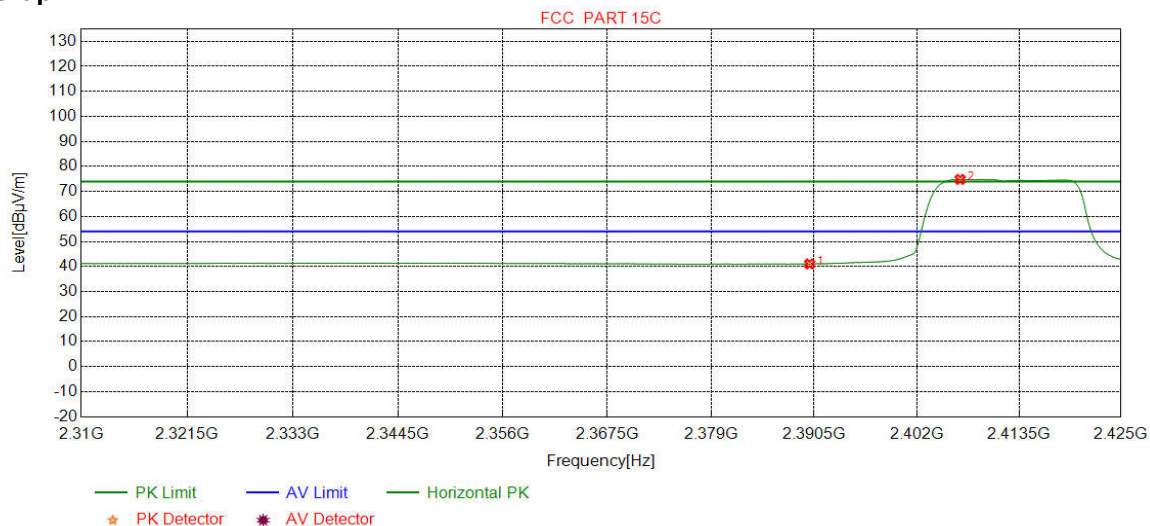
Test Graph



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	2389.7372	32.25	13.38	-43.13	51.02	53.52	74.00	20.48	Pass	Vertical
2	2390.0000	32.25	13.37	-43.12	49.20	51.70	74.00	22.30	Pass	Vertical
3	2405.8573	32.27	13.33	-43.12	85.64	88.12	74.00	-14.12	Pass	Vertical

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

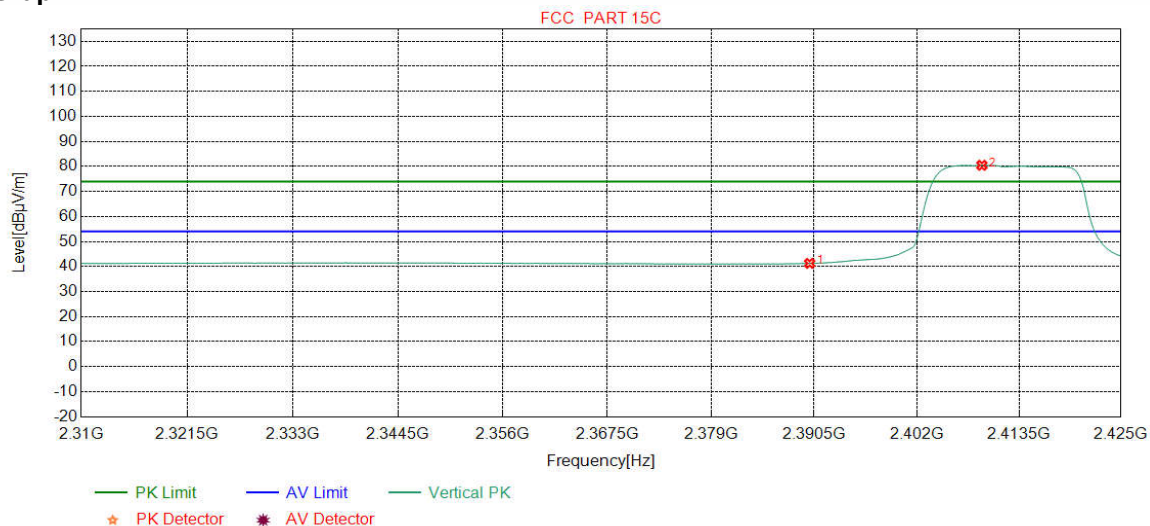
Test Graph



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	38.53	41.03	54.00	12.97	Pass	Horizontal
2	2406.8648	32.27	13.33	-43.12	72.35	74.83	54.00	-20.83	Pass	Horizontal

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

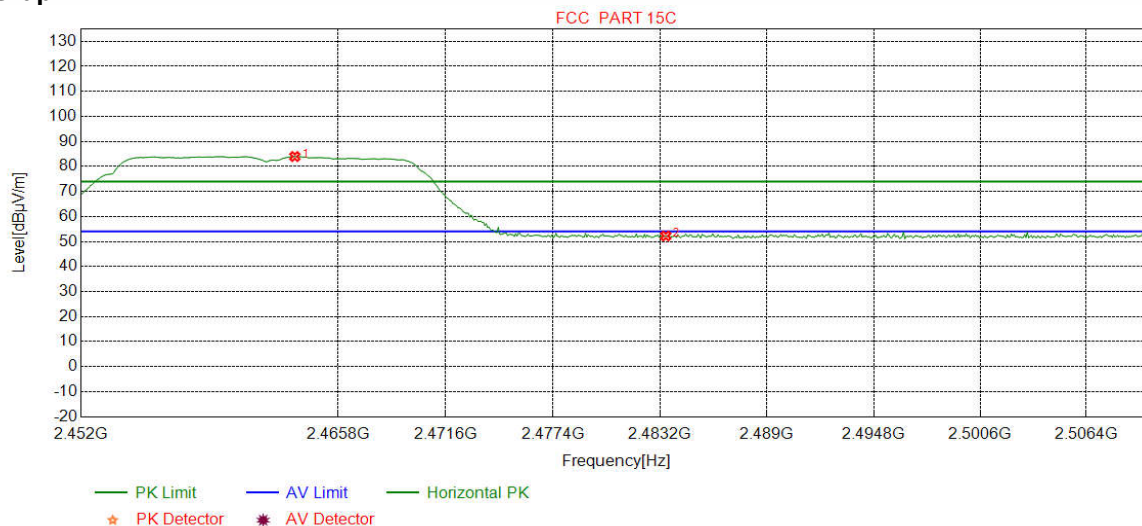
Test Graph



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	38.76	41.26	54.00	12.74	Pass	Vertical
2	2409.3116	32.27	13.34	-43.11	77.96	80.46	54.00	-26.46	Pass	Vertical

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

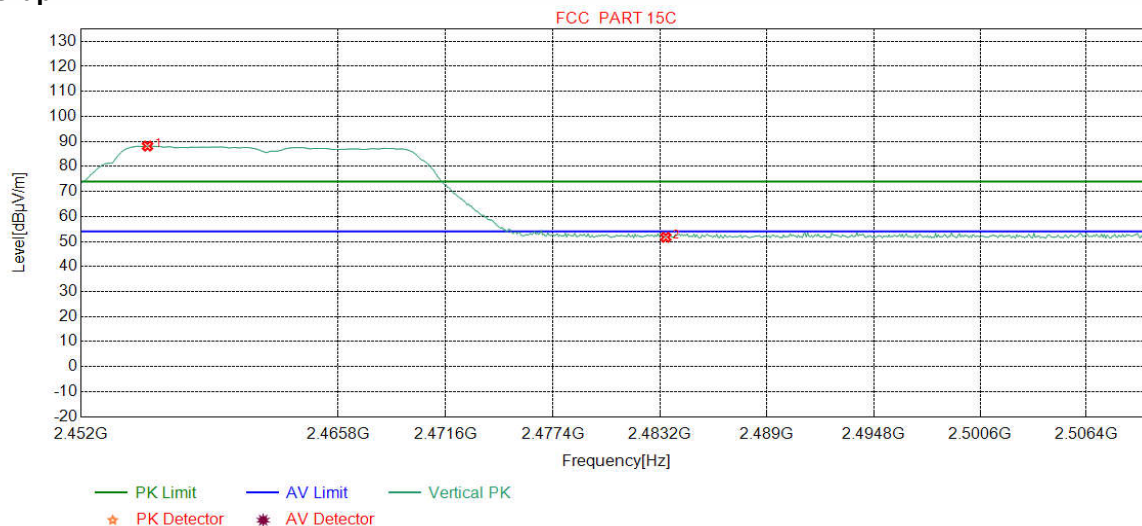
Test Graph



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	2463.4693	32.35	13.47	-43.11	81.26	83.97	74.00	-9.97	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.59	52.24	74.00	21.76	Pass	Horizontal

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

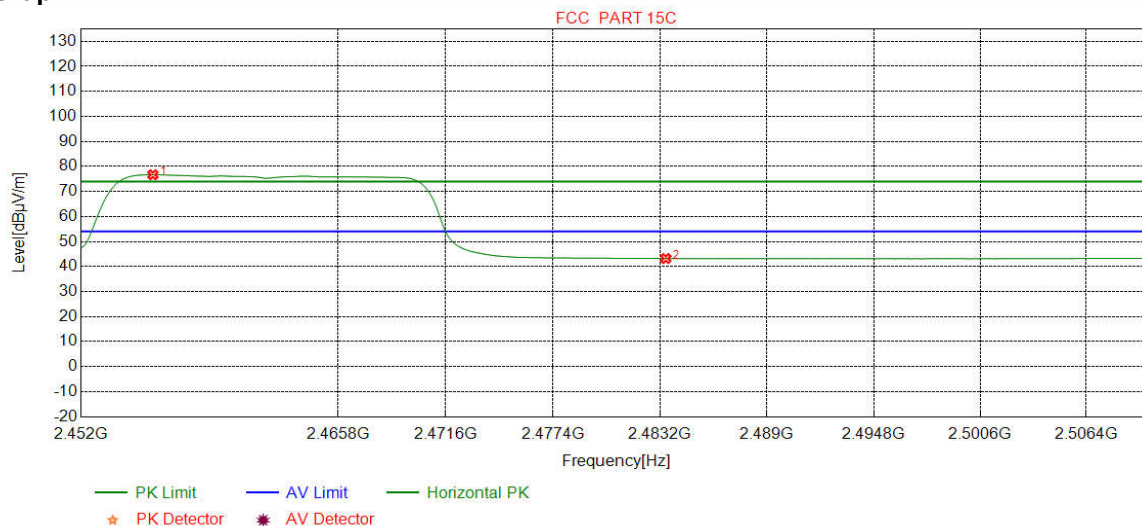
Test Graph



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	2455.5569	32.34	13.50	-43.11	85.41	88.14	74.00	-14.14	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.05	51.70	74.00	22.30	Pass	Vertical

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

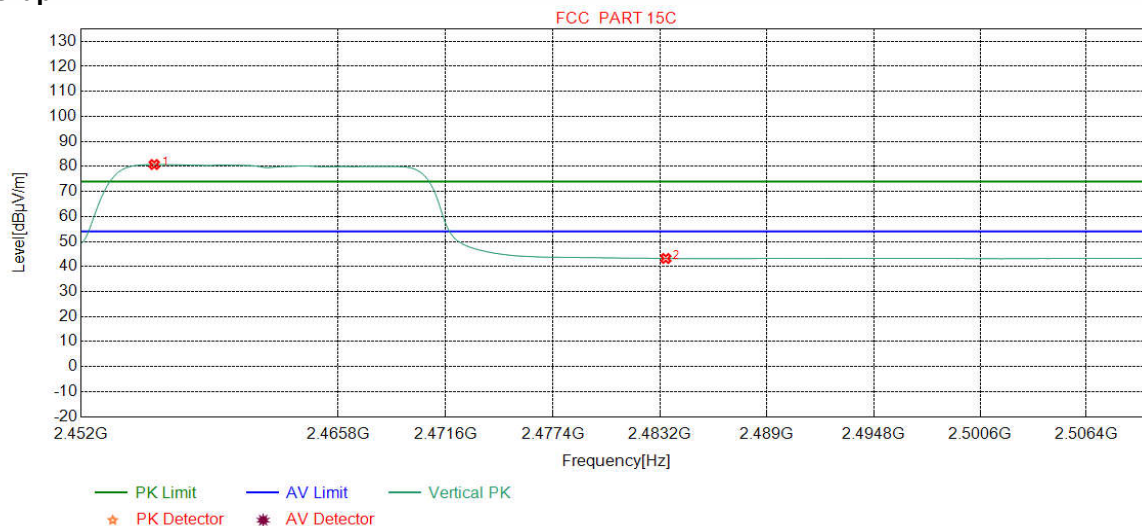
Test Graph



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	2455.8473	32.34	13.50	-43.11	73.95	76.68	54.00	-22.68	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.55	43.20	54.00	10.80	Pass	Horizontal

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

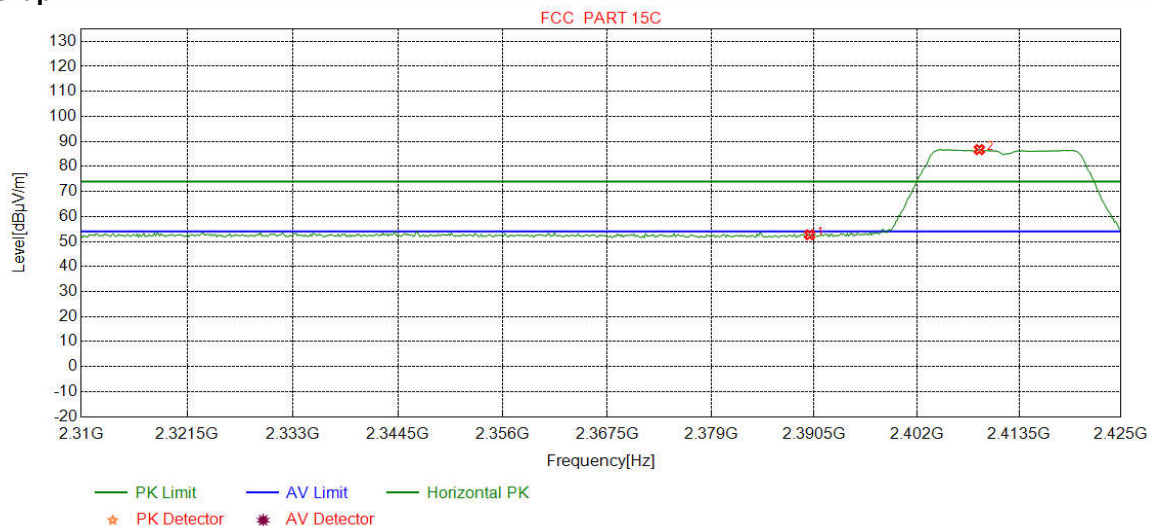
Test Graph



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	2455.9199	32.34	13.50	-43.11	78.05	80.78	54.00	-26.78	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.57	43.22	54.00	10.78	Pass	Vertical

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

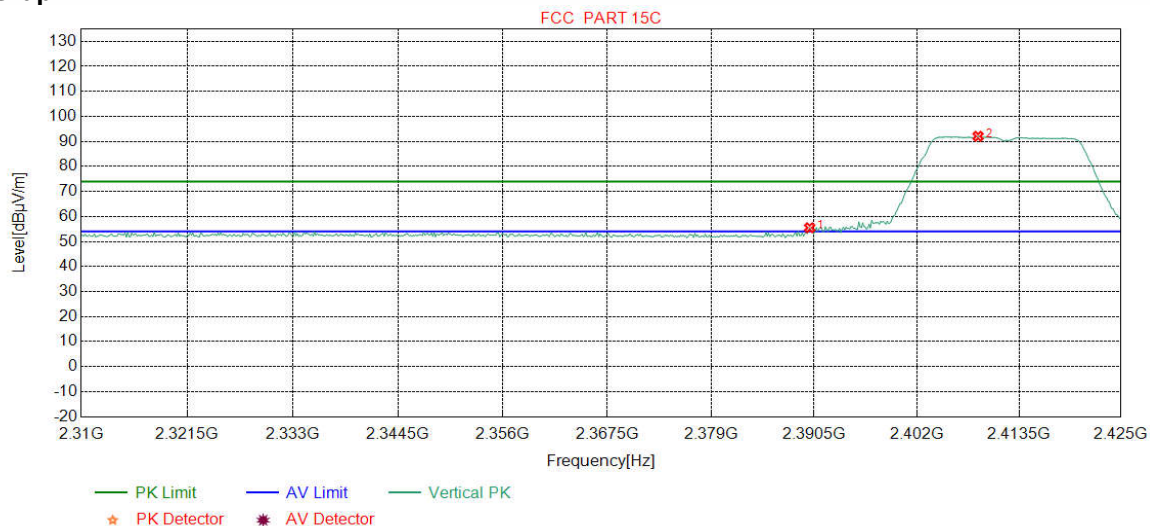
Test Graph



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	50.19	52.69	74.00	21.31	Pass	Horizontal
2	2409.0238	32.27	13.34	-43.11	84.24	86.74	74.00	-12.74	Pass	Horizontal

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

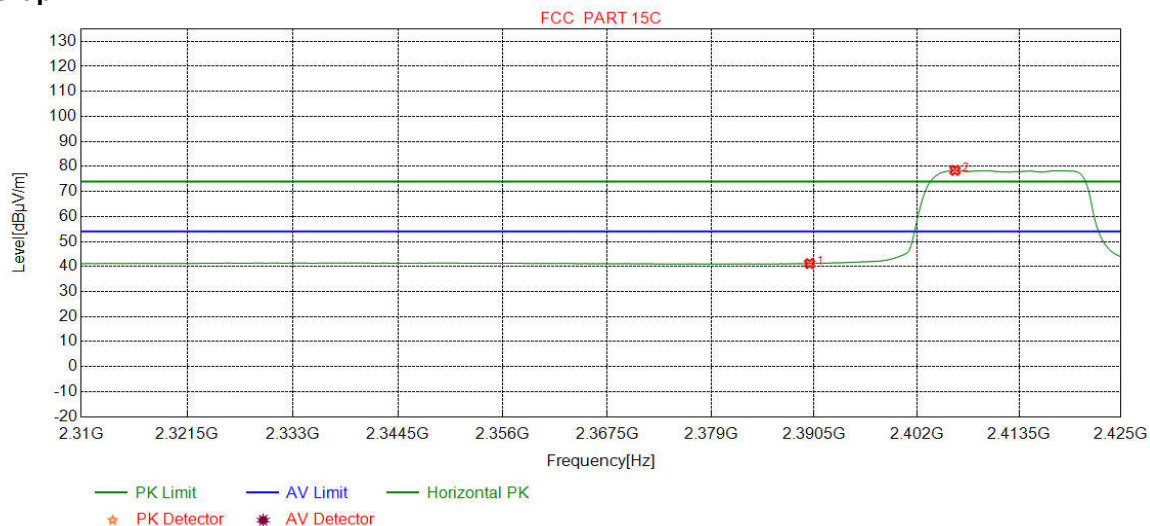
Test Graph



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	53.01	55.51	74.00	18.49	Pass	Vertical
2	2408.8799	32.27	13.34	-43.11	89.57	92.07	74.00	-18.07	Pass	Vertical

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

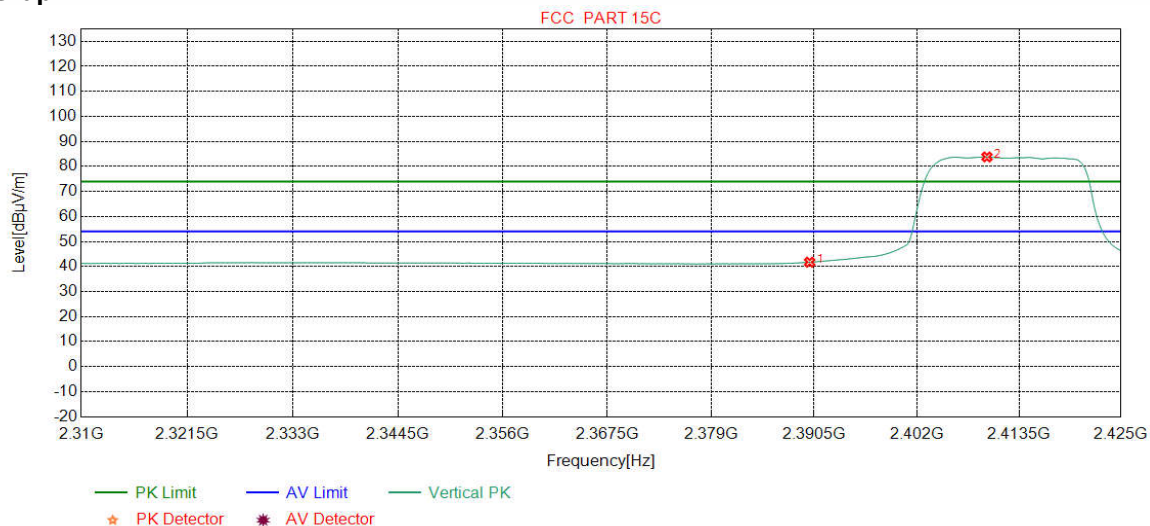
Test Graph



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	38.70	41.20	54.00	12.80	Pass	Horizontal
2	2406.2891	32.27	13.33	-43.12	75.95	78.43	54.00	-24.43	Pass	Horizontal

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

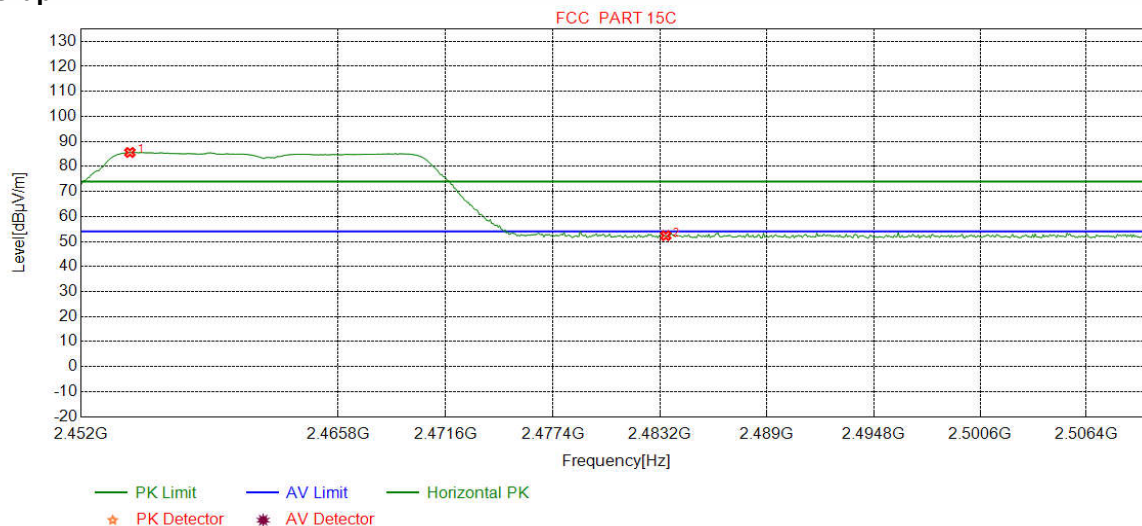
Test Graph



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	39.24	41.74	54.00	12.26	Pass	Vertical
2	2409.8874	32.27	13.35	-43.12	81.29	83.79	54.00	-29.79	Pass	Vertical

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

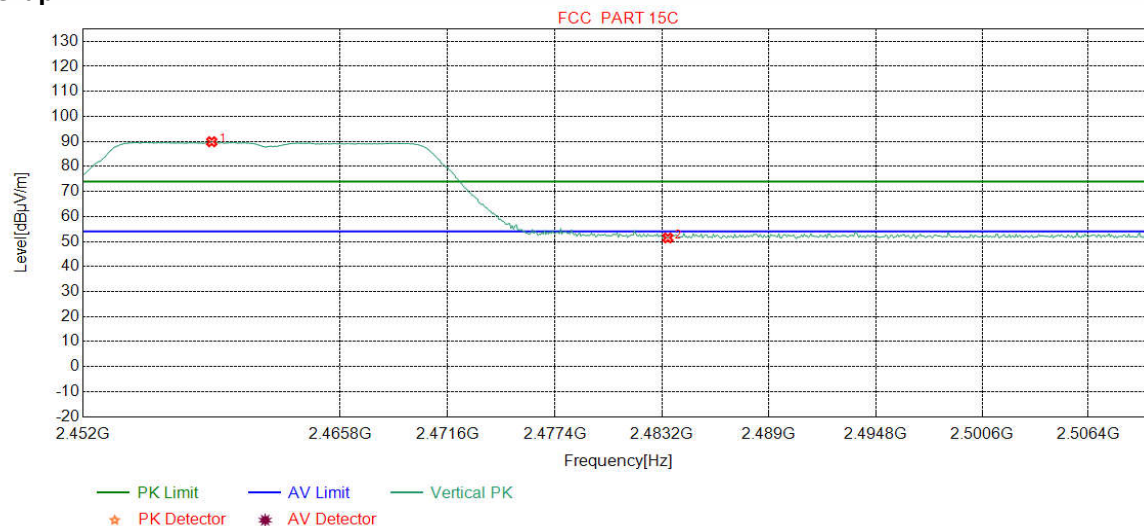
Test Graph



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	2454.6133	32.34	13.51	-43.11	82.83	85.57	74.00	-11.57	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		

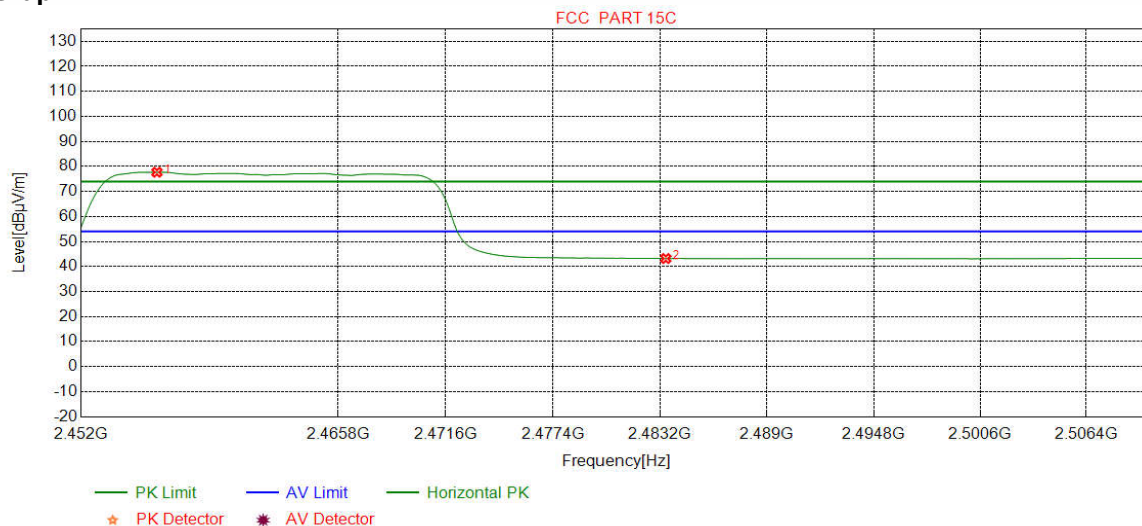
Test Graph



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	2458.8961	32.34	13.49	-43.11	87.15	89.87	74.00	-15.87	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	48.79	51.44	74.00	22.56	Pass	Vertical

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

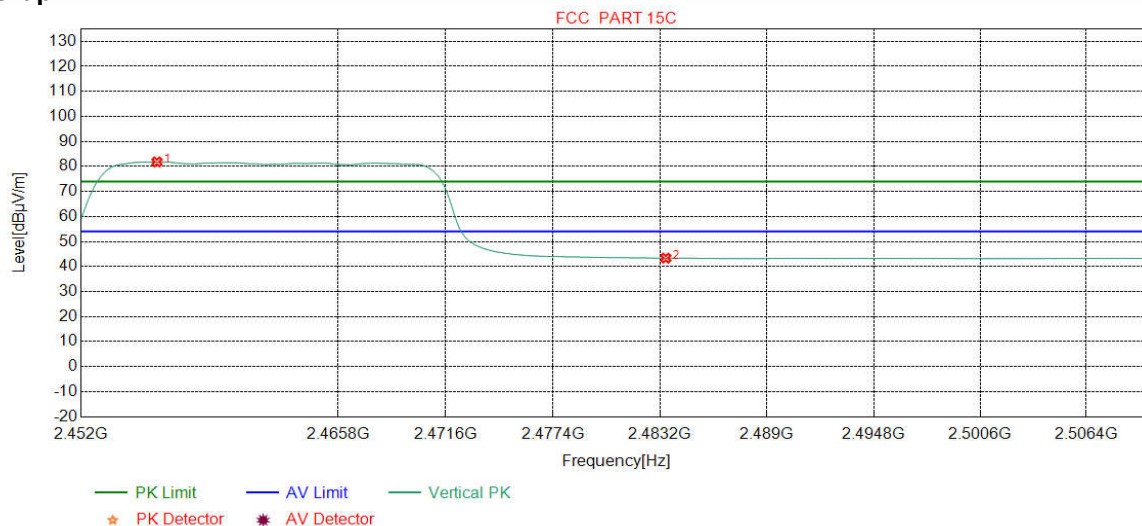
Test Graph



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	2456.0651	32.34	13.50	-43.11	74.96	77.69	54.00	-23.69	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.54	43.19	54.00	10.81	Pass	Horizontal

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

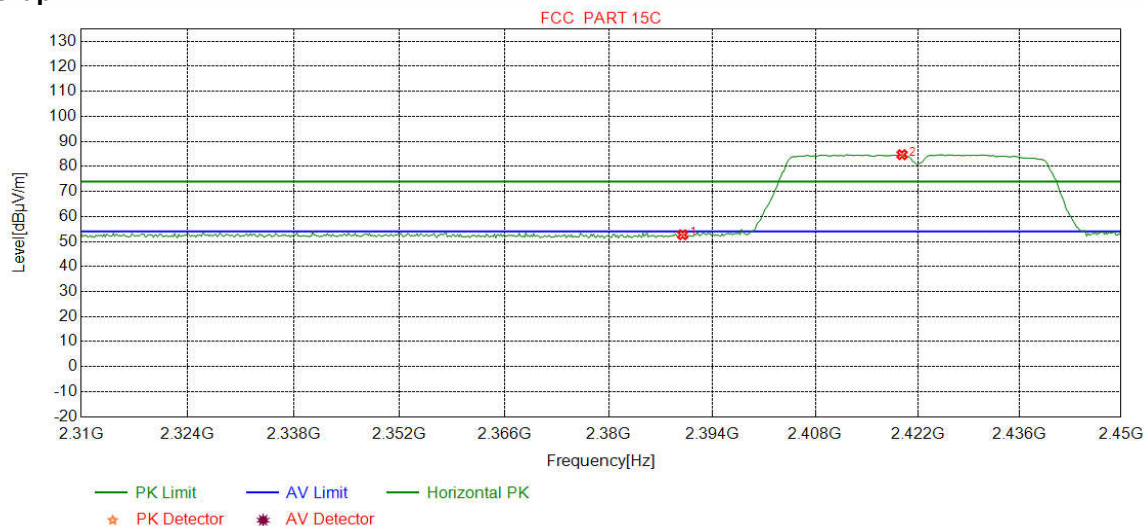
Test Graph



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	2456.0651	32.34	13.50	-43.11	79.08	81.81	54.00	-27.81	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.71	43.36	54.00	10.64	Pass	Vertical

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

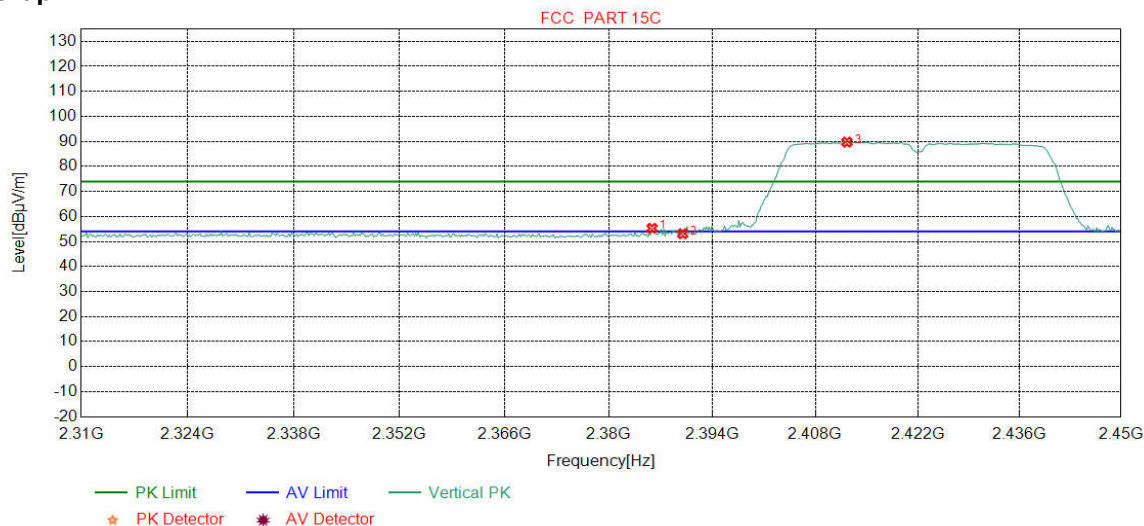
Test Graph



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	50.20	52.70	74.00	21.30	Pass	Horizontal
2	2419.8623	32.29	13.39	-43.12	82.14	84.70	74.00	-10.70	Pass	Horizontal

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

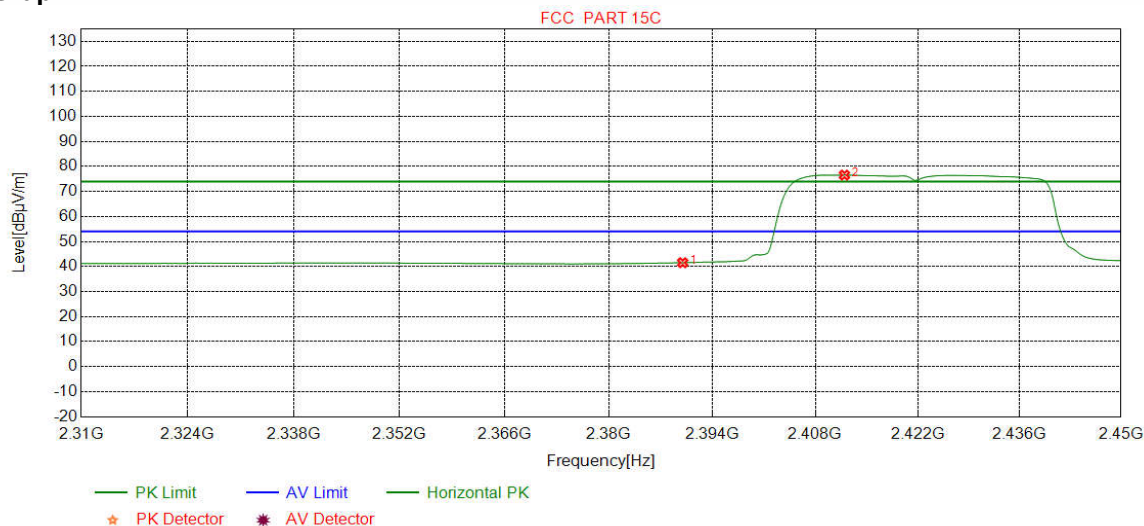
Test Graph



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	2385.8698	32.24	13.40	-43.12	52.77	55.29	74.00	18.71	Pass	Vertical
2	2390.0000	32.25	13.37	-43.12	50.60	53.10	74.00	20.90	Pass	Vertical
3	2412.3279	32.28	13.36	-43.12	87.21	89.73	74.00	-15.73	Pass	Vertical

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

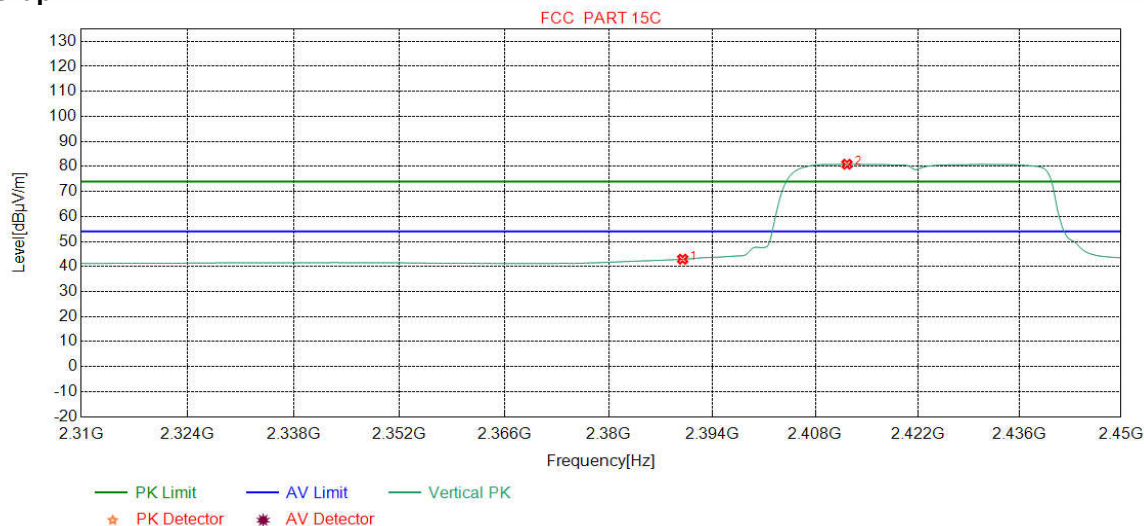
Test Graph



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	39.03	41.53	54.00	12.47	Pass	Horizontal
2	2411.9775	32.28	13.36	-43.13	74.03	76.54	54.00	-22.54	Pass	Horizontal

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

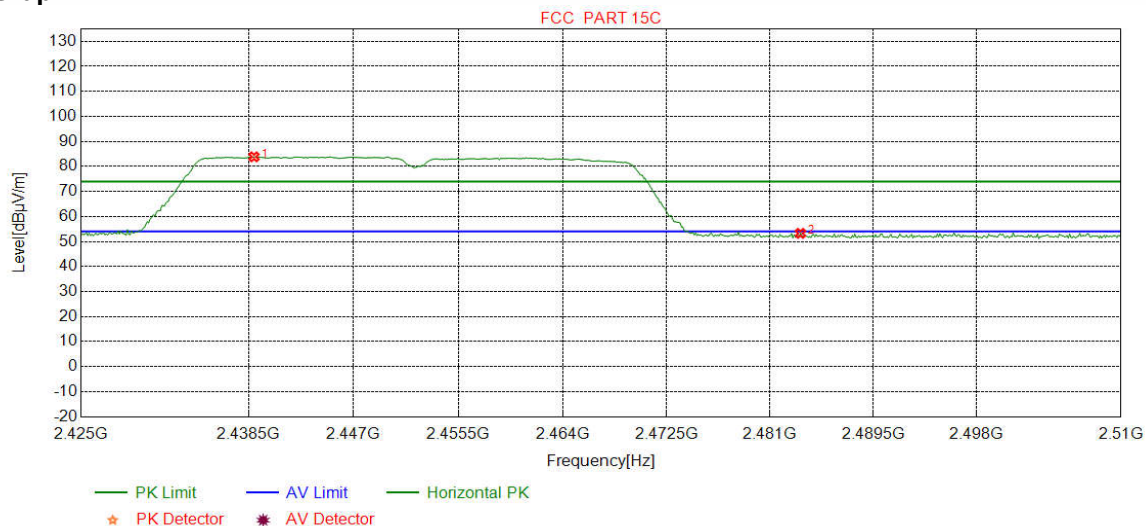
Test Graph



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	40.44	42.94	54.00	11.06	Pass	Vertical
2	2412.3279	32.28	13.36	-43.12	78.37	80.89	54.00	-26.89	Pass	Vertical

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

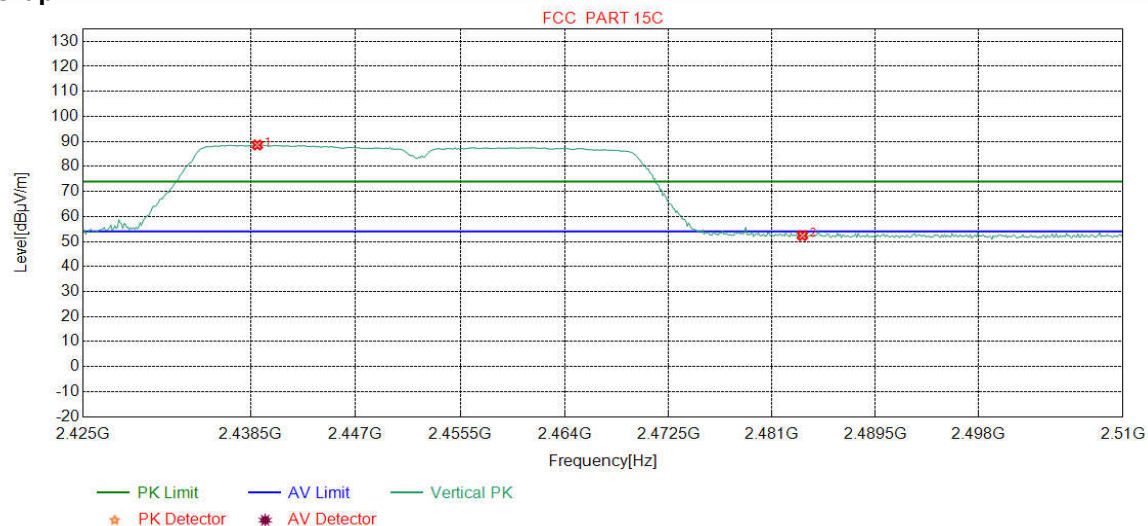
Test Graph



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	2438.9362	32.31	13.48	-43.11	81.16	83.84	74.00	-9.84	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	50.61	53.26	74.00	20.74	Pass	Horizontal

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

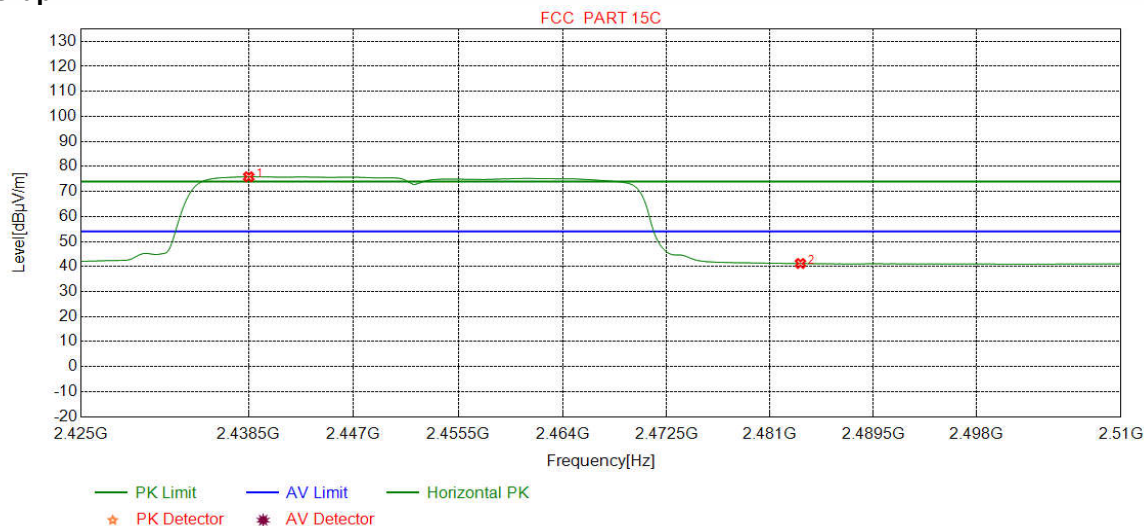
Test Graph



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	2439.0426	32.31	13.48	-43.11	85.89	88.57	74.00	-14.57	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		

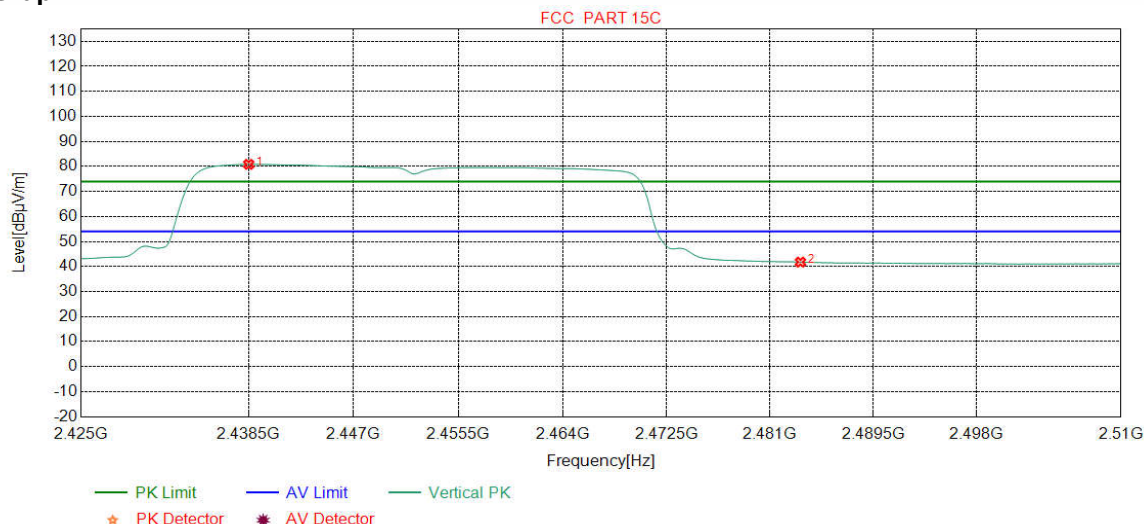
Test Graph



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	2438.5106	32.31	13.48	-43.11	73.19	75.87	54.00	-21.87	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	38.57	41.22	54.00	12.78	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	2438.5106	32.31	13.48	-43.11	78.16	80.84	54.00	-26.84	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	39.11	41.76	54.00	12.24	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; 6Mbps of 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

Mode:			802.11 b(11Mbps) 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	84.1314	8.05	1.06	-31.98	54.48	31.61	40.00	8.39	Pass	H	PK
2	119.3459	9.31	1.30	-32.07	57.58	36.12	43.50	7.38	Pass	H	PK
3	133.2183	7.54	1.35	-32.01	59.95	36.83	43.50	6.67	Pass	H	PK
4	396.3086	15.32	2.37	-31.74	48.90	34.85	46.00	11.15	Pass	H	PK
5	568.6949	18.37	2.79	-32.02	47.89	37.03	46.00	8.97	Pass	H	PK
6	767.3707	20.54	3.32	-32.08	41.04	32.82	46.00	13.18	Pass	H	PK
7	57.1627	12.05	0.87	-31.89	43.36	24.39	40.00	15.61	Pass	V	PK
8	139.4269	7.23	1.39	-32.00	56.41	33.03	43.50	10.47	Pass	V	PK
9	216.0646	11.32	1.75	-31.95	46.79	27.91	46.00	18.09	Pass	V	PK
10	312.0072	13.46	2.10	-31.89	47.32	30.99	46.00	15.01	Pass	V	PK
11	528.7269	17.57	2.76	-31.91	46.93	35.35	46.00	10.65	Pass	V	PK
12	874.7605	21.80	3.54	-31.70	39.42	33.06	46.00	12.94	Pass	V	PK

Radiated Emission above 1GHz

Mode:			802.11 b(11Mbps) 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	1063.6064	27.96	2.52	-43.03	57.27	44.72	74.00	29.28	Pass	H	PK
2	1657.0657	29.44	3.15	-42.77	52.24	42.06	74.00	31.94	Pass	H	PK
3	2124.1124	31.87	3.61	-43.17	55.95	48.26	74.00	25.74	Pass	H	PK
4	4824.0000	34.50	4.61	-42.80	53.07	49.38	74.00	24.62	Pass	H	PK
5	7236.0000	36.34	5.79	-42.16	49.61	49.58	74.00	24.42	Pass	H	PK
6	9648.0000	37.66	6.72	-42.10	47.09	49.37	74.00	24.63	Pass	H	PK
7	1280.6281	28.18	2.72	-42.80	61.51	49.61	74.00	24.39	Pass	V	PK
8	1499.8500	28.40	2.99	-43.10	54.66	42.95	74.00	31.05	Pass	V	PK
9	2660.1660	32.66	4.10	-43.11	59.89	53.54	74.00	20.46	Pass	V	PK
10	4824.0000	34.50	4.61	-42.80	52.93	49.24	74.00	24.76	Pass	V	PK
11	7236.0000	36.34	5.79	-42.16	49.85	49.82	74.00	24.18	Pass	V	PK
12	9648.0000	37.66	6.72	-42.10	46.78	49.06	74.00	24.94	Pass	V	PK

Mode:			802.11 b(11Mbps) 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	1240.0240	28.14	2.68	-42.85	58.35	46.32	74.00	27.68	Pass	H	PK
2	2124.3124	31.87	3.61	-43.17	59.27	51.58	74.00	22.42	Pass	H	PK
3	4884.1256	34.50	4.82	-42.80	57.21	53.73	74.00	20.27	Pass	H	PK
4	6407.2271	35.88	5.34	-42.52	49.93	48.63	74.00	25.37	Pass	H	PK
5	7327.2885	36.43	5.85	-42.14	50.74	50.88	74.00	23.12	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	46.95	49.32	74.00	24.68	Pass	H	PK
7	1242.6243	28.14	2.68	-42.85	64.77	52.74	74.00	21.26	Pass	V	PK
8	1593.2593	29.02	3.06	-42.91	55.88	45.05	74.00	28.95	Pass	V	PK
9	2128.7129	31.88	3.62	-43.17	60.78	53.11	74.00	20.89	Pass	V	PK
10	4884.1256	34.50	4.82	-42.80	55.17	51.69	74.00	22.31	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	46.47	46.59	74.00	27.41	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	47.19	49.56	74.00	24.44	Pass	V	PK

Mode:			802.11 b(11Mbps) 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	1237.2237	28.14	2.67	-42.85	58.78	46.74	74.00	27.26	Pass	H	PK
2	1665.0665	29.49	3.16	-42.75	53.41	43.31	74.00	30.69	Pass	H	PK
3	3954.0636	33.76	4.34	-43.01	50.37	45.46	74.00	28.54	Pass	H	PK
4	4924.0000	34.50	4.85	-42.80	56.88	53.43	74.00	20.57	Pass	H	PK
5	7386.0000	36.49	5.85	-42.13	50.24	50.45	74.00	23.55	Pass	H	PK
6	9848.0000	37.74	6.83	-42.10	47.01	49.48	74.00	24.52	Pass	H	PK
7	1235.0235	28.14	2.67	-42.85	64.21	52.17	74.00	21.83	Pass	V	PK
8	1598.8599	29.05	3.07	-42.90	57.12	46.34	74.00	27.66	Pass	V	PK
9	2130.9131	31.88	3.62	-43.17	61.53	53.86	74.00	20.14	Pass	V	PK
10	4924.0000	34.50	4.85	-42.80	55.67	52.22	74.00	21.78	Pass	V	PK
11	7386.0000	36.49	5.85	-42.13	47.74	47.95	74.00	26.05	Pass	V	PK
12	9848.0000	37.74	6.83	-42.10	46.90	49.37	74.00	24.63	Pass	V	PK

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	Remark
1	1093.6094	27.99	2.55	-42.99	64.91	52.46	74.00	21.54	Pass	H	PK
2	2655.1655	32.65	4.09	-43.10	56.04	49.68	74.00	24.32	Pass	H	PK
3	3369.0246	33.35	4.54	-43.11	51.00	45.78	74.00	28.22	Pass	H	PK
4	4824.0000	34.50	4.61	-42.80	47.49	43.80	74.00	30.20	Pass	H	PK
5	7236.0000	36.34	5.79	-42.16	47.57	47.54	74.00	26.46	Pass	H	PK
6	9648.0000	37.66	6.72	-42.10	47.82	50.10	74.00	23.90	Pass	H	PK
7	1232.2232	28.13	2.67	-42.85	64.01	51.96	74.00	22.04	Pass	V	PK
8	2654.9655	32.65	4.09	-43.10	60.08	53.72	74.00	20.28	Pass	V	PK
9	3999.0666	33.80	4.33	-43.00	52.34	47.47	74.00	26.53	Pass	V	PK
10	4824.0000	34.50	4.61	-42.80	47.87	44.18	74.00	29.82	Pass	V	PK
11	7236.0000	36.34	5.79	-42.16	46.19	46.16	74.00	27.84	Pass	V	PK
12	9648.0000	37.66	6.72	-42.10	48.91	51.19	74.00	22.81	Pass	V	PK

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	Remark
1	1092.8093	27.99	2.55	-43.00	65.17	52.71	74.00	21.29	Pass	H	PK
2	1593.6594	29.02	3.06	-42.91	53.82	42.99	74.00	31.01	Pass	H	PK
3	2123.3123	31.87	3.61	-43.17	61.24	53.55	74.00	20.45	Pass	H	PK
4	4874.0000	34.50	4.78	-42.80	47.01	43.49	74.00	30.51	Pass	H	PK
5	7311.0000	36.41	5.85	-42.14	46.17	46.29	74.00	27.71	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	47.36	49.73	74.00	24.27	Pass	H	PK
7	1235.4235	28.14	2.67	-42.85	64.35	52.31	74.00	21.69	Pass	V	PK
8	2127.1127	31.88	3.62	-43.18	56.38	48.70	74.00	25.30	Pass	V	PK
9	4253.0835	34.15	4.50	-42.89	51.04	46.80	74.00	27.20	Pass	V	PK
10	4874.0000	34.50	4.78	-42.80	48.00	44.48	74.00	29.52	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	46.28	46.40	74.00	27.60	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	46.69	49.06	74.00	24.94	Pass	V	PK

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	Remark
1	1237.8238	28.14	2.68	-42.86	60.08	48.04	74.00	25.96	Pass	H	PK
2	2125.9126	31.88	3.62	-43.18	57.48	49.80	74.00	24.20	Pass	H	PK
3	4106.0737	33.95	4.34	-42.96	50.30	45.63	74.00	28.37	Pass	H	PK
4	4924.0000	34.50	4.85	-42.80	47.19	43.74	74.00	30.26	Pass	H	PK
5	7386.0000	36.49	5.85	-42.13	48.07	48.28	74.00	25.72	Pass	H	PK
6	9848.0000	37.74	6.83	-42.10	46.96	49.43	74.00	24.57	Pass	H	PK
7	1234.8235	28.13	2.67	-42.84	65.89	53.85	74.00	20.15	Pass	V	PK
8	2127.5128	31.88	3.62	-43.18	56.68	49.00	74.00	25.00	Pass	V	PK
9	4163.0775	34.03	4.50	-42.93	49.62	45.22	74.00	28.78	Pass	V	PK
10	4924.0000	34.50	4.85	-42.80	48.46	45.01	74.00	28.99	Pass	V	PK
11	7386.0000	36.49	5.85	-42.13	46.61	46.82	74.00	27.18	Pass	V	PK
12	9848.0000	37.74	6.83	-42.10	47.33	49.80	74.00	24.20	Pass	V	PK

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	Remark
1	1089.2089	27.99	2.55	-43.01	64.48	52.01	74.00	21.99	Pass	H	PK
2	1237.0237	28.14	2.67	-42.85	60.37	48.33	74.00	25.67	Pass	H	PK
3	2125.5126	31.88	3.62	-43.18	61.40	53.72	74.00	20.28	Pass	H	PK
4	4824.0000	34.50	4.61	-42.80	47.88	44.19	74.00	29.81	Pass	H	PK
5	7236.0000	36.34	5.79	-42.16	47.03	47.00	74.00	27.00	Pass	H	PK
6	9648.0000	37.66	6.72	-42.10	46.82	49.10	74.00	24.90	Pass	H	PK
7	1300.0300	28.20	2.75	-42.78	63.27	51.44	74.00	22.56	Pass	V	PK
8	1497.8498	28.40	2.99	-43.09	54.92	43.22	74.00	30.78	Pass	V	PK
9	2659.7660	32.66	4.10	-43.11	58.42	52.07	74.00	21.93	Pass	V	PK
10	4824.0000	34.50	4.61	-42.80	48.59	44.90	74.00	29.10	Pass	V	PK
11	7236.0000	36.34	5.79	-42.16	46.14	46.11	74.00	27.89	Pass	V	PK
12	9648.0000	37.66	6.72	-42.10	48.90	51.18	74.00	22.82	Pass	V	PK

Mode:			802.11 n(HT20) (6.5Mbps) 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	1092.6093	27.99	2.55	-43.00	64.56	52.10	74.00	21.90	Pass	H	PK
2	1239.8240	28.14	2.68	-42.85	60.26	48.23	74.00	25.77	Pass	H	PK
3	2125.3125	31.88	3.62	-43.18	57.24	49.56	74.00	24.44	Pass	H	PK
4	4874.0000	34.50	4.78	-42.80	47.54	44.02	74.00	29.98	Pass	H	PK
5	7311.0000	36.41	5.85	-42.14	47.07	47.19	74.00	26.81	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	46.75	49.12	74.00	24.88	Pass	H	PK
7	1239.8240	28.14	2.68	-42.85	65.42	53.39	74.00	20.61	Pass	V	PK
8	1600.4600	29.06	3.07	-42.90	53.38	42.61	74.00	31.39	Pass	V	PK
9	2127.3127	31.88	3.62	-43.18	58.03	50.35	74.00	23.65	Pass	V	PK
10	4874.0000	34.50	4.78	-42.80	47.30	43.78	74.00	30.22	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	46.14	46.26	74.00	27.74	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	47.37	49.74	74.00	24.26	Pass	V	PK

Mode:			802.11 n(HT20) (6.5Mbps) 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	1092.8093	27.99	2.55	-43.00	65.01	52.55	74.00	21.45	Pass	H	PK
2	1597.2597	29.04	3.07	-42.91	54.32	43.52	74.00	30.48	Pass	H	PK
3	2127.5128	31.88	3.62	-43.18	57.96	50.28	74.00	23.72	Pass	H	PK
4	4874.0000	34.50	4.78	-42.80	46.83	43.31	74.00	30.69	Pass	H	PK
5	7311.0000	36.41	5.85	-42.14	46.92	47.04	74.00	26.96	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	47.07	49.44	74.00	24.56	Pass	H	PK
7	1236.4236	28.14	2.67	-42.85	64.09	52.05	74.00	21.95	Pass	V	PK
8	1597.0597	29.04	3.07	-42.91	54.29	43.49	74.00	30.51	Pass	V	PK
9	2132.9133	31.89	3.63	-43.18	58.57	50.91	74.00	23.09	Pass	V	PK
10	4874.0000	34.50	4.78	-42.80	47.59	44.07	74.00	29.93	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	46.45	46.57	74.00	27.43	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	47.73	50.10	74.00	23.90	Pass	V	PK

Mode:			802.11 n(HT40) (13.5Mbps) Transmitting					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	Remark
1	1114.0114	28.01	2.60	-42.98	64.44	52.07	74.00	21.93	Pass	H	PK
2	2130.9131	31.88	3.62	-43.17	54.41	46.74	74.00	27.26	Pass	H	PK
3	4129.0753	33.98	4.43	-42.95	49.69	45.15	74.00	28.85	Pass	H	PK
4	4844.0000	34.50	4.66	-42.80	49.21	45.57	74.00	28.43	Pass	H	PK
5	7266.0000	36.37	5.80	-42.15	47.26	47.28	74.00	26.72	Pass	H	PK
6	9688.0000	37.68	6.62	-42.10	47.49	49.69	74.00	24.31	Pass	H	PK
7	1236.0236	28.14	2.67	-42.85	63.31	51.27	74.00	22.73	Pass	V	PK
8	1592.0592	29.01	3.06	-42.91	55.41	44.57	74.00	29.43	Pass	V	PK
9	2124.3124	31.87	3.61	-43.17	60.38	52.69	74.00	21.31	Pass	V	PK
10	4844.0000	34.50	4.66	-42.80	47.72	44.08	74.00	29.92	Pass	V	PK
11	7266.0000	36.37	5.80	-42.15	47.28	47.30	74.00	26.70	Pass	V	PK
12	9688.0000	37.68	6.62	-42.10	47.40	49.60	74.00	24.40	Pass	V	PK

Mode:			802.11 n(HT40) (13.5Mbps) 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	1094.8095	27.99	2.55	-42.99	64.00	51.55	74.00	22.45	Pass	H	PK
2	2125.1125	31.88	3.62	-43.18	57.59	49.91	74.00	24.09	Pass	H	PK
3	4337.0891	34.27	4.48	-42.86	49.59	45.48	74.00	28.52	Pass	H	PK
4	4874.0000	34.50	4.78	-42.80	47.66	44.14	74.00	29.86	Pass	H	PK
5	7311.0000	36.41	5.85	-42.14	45.56	45.68	74.00	28.32	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	47.57	49.94	74.00	24.06	Pass	H	PK
7	1235.4235	28.14	2.67	-42.85	65.38	53.34	74.00	20.66	Pass	V	PK
8	1602.0602	29.07	3.07	-42.89	54.07	43.32	74.00	30.68	Pass	V	PK
9	2128.7129	31.88	3.62	-43.17	60.08	52.41	74.00	21.59	Pass	V	PK
10	4874.0000	34.50	4.78	-42.80	48.18	44.66	74.00	29.34	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	47.12	47.24	74.00	26.76	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	48.31	50.68	74.00	23.32	Pass	V	PK

Mode:			802.11 n(HT40) (13.5Mbps) Transmitting					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	Remark
1	1096.8097	28.00	2.56	-43.00	64.29	51.85	74.00	22.15	Pass	H	PK
2	1597.4597	29.04	3.07	-42.90	52.46	41.67	74.00	32.33	Pass	H	PK
3	2129.5130	31.88	3.62	-43.17	57.24	49.57	74.00	24.43	Pass	H	PK
4	4904.0000	34.50	4.88	-42.80	48.55	45.13	74.00	28.87	Pass	H	PK
5	7356.0000	36.46	5.85	-42.13	46.70	46.88	74.00	27.12	Pass	H	PK
6	9808.0000	37.72	6.59	-42.10	48.57	50.78	74.00	23.22	Pass	H	PK
7	1236.0236	28.14	2.67	-42.85	64.75	52.71	74.00	21.29	Pass	V	PK
8	2124.1124	31.87	3.61	-43.17	61.59	53.90	74.00	20.10	Pass	V	PK
9	4256.0837	34.16	4.50	-42.90	54.63	50.39	74.00	23.61	Pass	V	PK
10	4904.0000	34.50	4.88	-42.80	48.46	45.04	74.00	28.96	Pass	V	PK
11	7356.0000	36.46	5.85	-42.13	47.69	47.87	74.00	26.13	Pass	V	PK
12	9808.0000	37.72	6.59	-42.10	47.93	50.14	74.00	23.86	Pass	V	PK

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; 6Mbps of 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

3) 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.