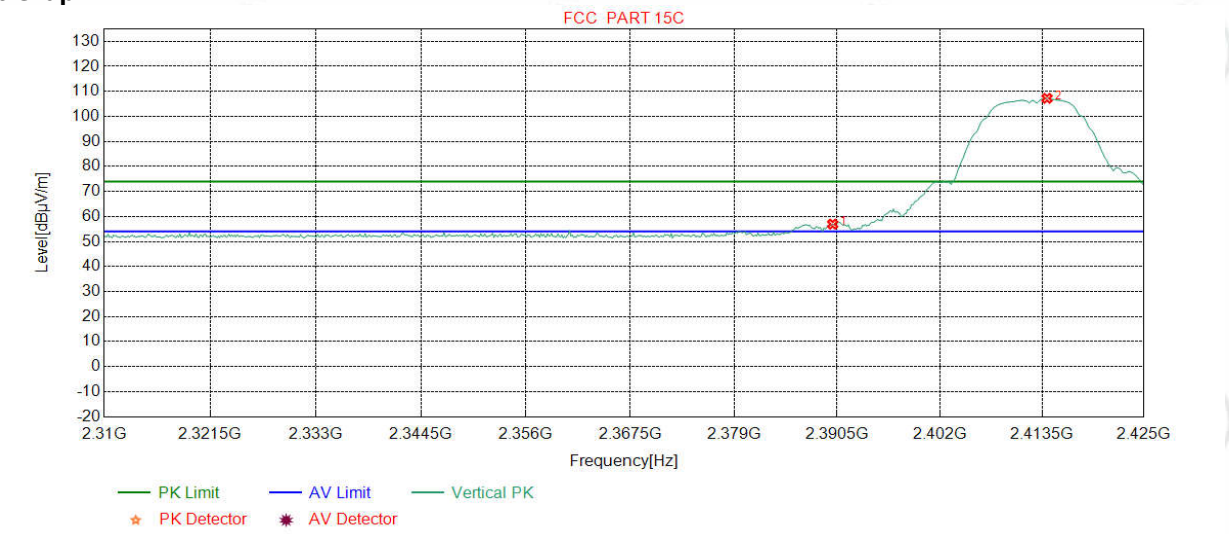
Mode:	802.11 b(1Mbps) Transmitting	Channel:	2412
Remark:	PK		

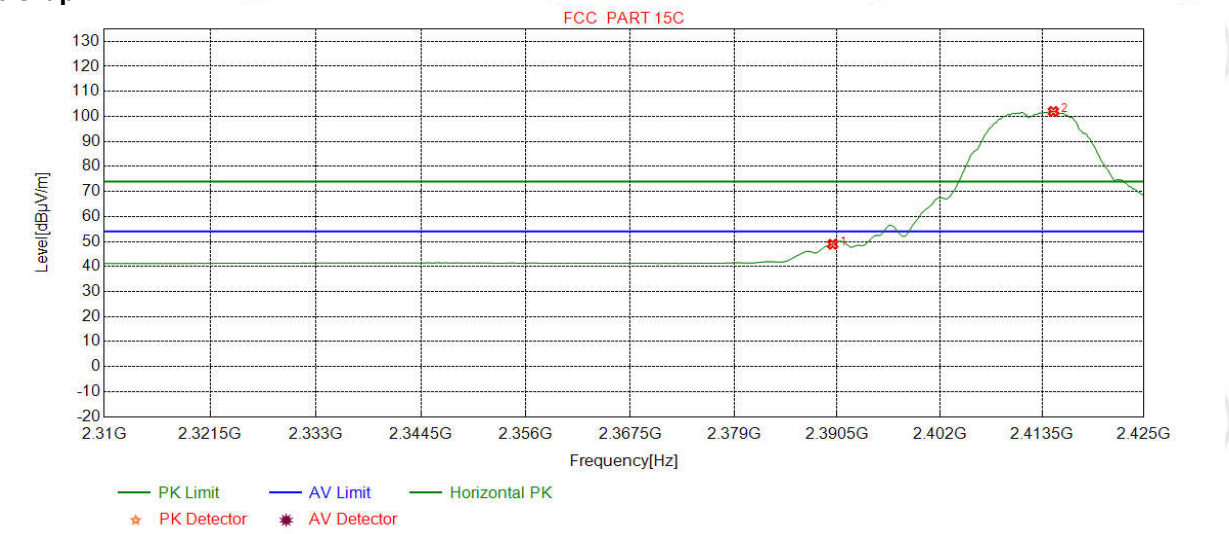
Test Graph



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	54.43	56.93	74.00	17.07	Pass	Vertical
2	2414.0613	32.28	13.36	-43.11	104.70	107.23	74.00	-33.23	Pass	Vertical

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

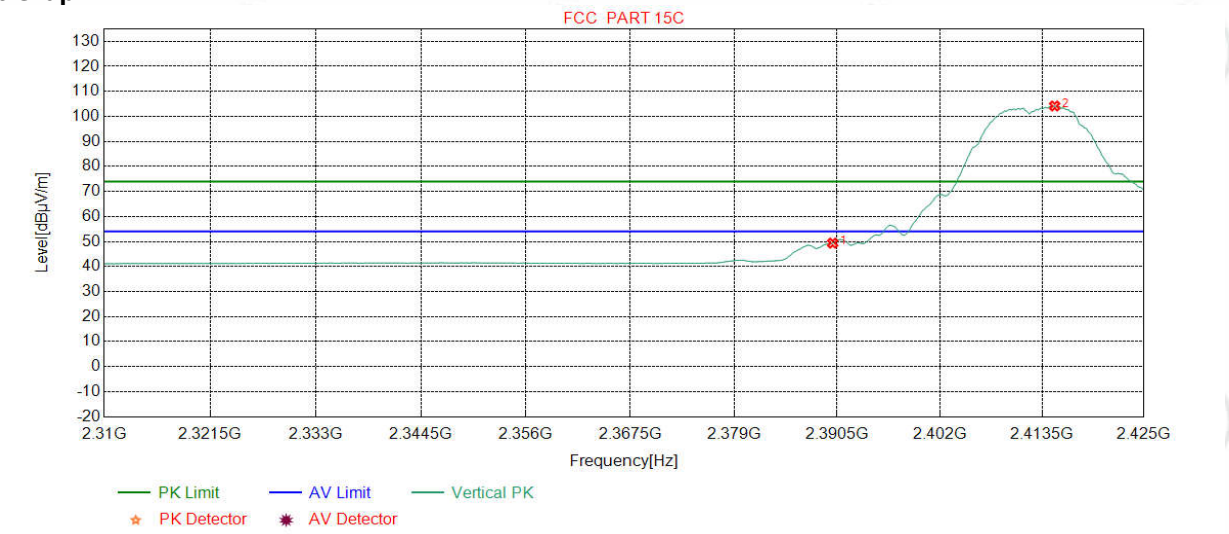
Test Graph



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	46.40	48.90	54.00	5.10	Pass	Horizontal
2	2414.7810	32.28	13.37	-43.12	99.45	101.98	54.00	-47.98	Pass	Horizontal

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

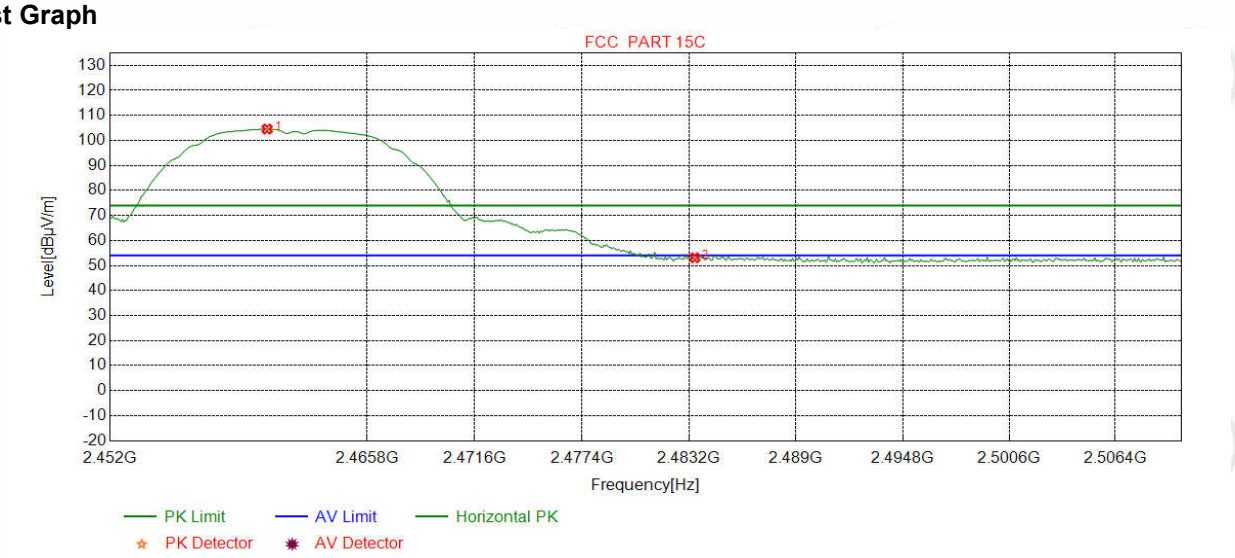
Test Graph



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	46.85	49.35	54.00	4.65	Pass	Vertical
2	2414.9249	32.28	13.37	-43.12	101.63	104.16	54.00	-50.16	Pass	Vertical

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

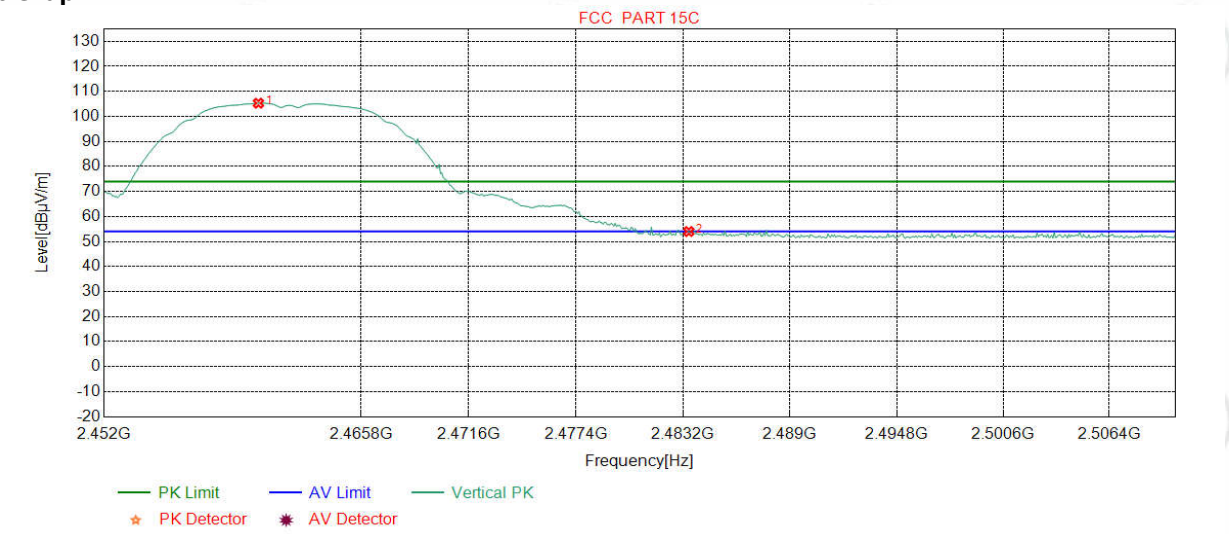
Test Graph



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	2460.4205	32.34	13.48	-43.10	101.82	104.54	74.00	-30.54	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	50.43	53.08	74.00	20.92	Pass	Horizontal

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

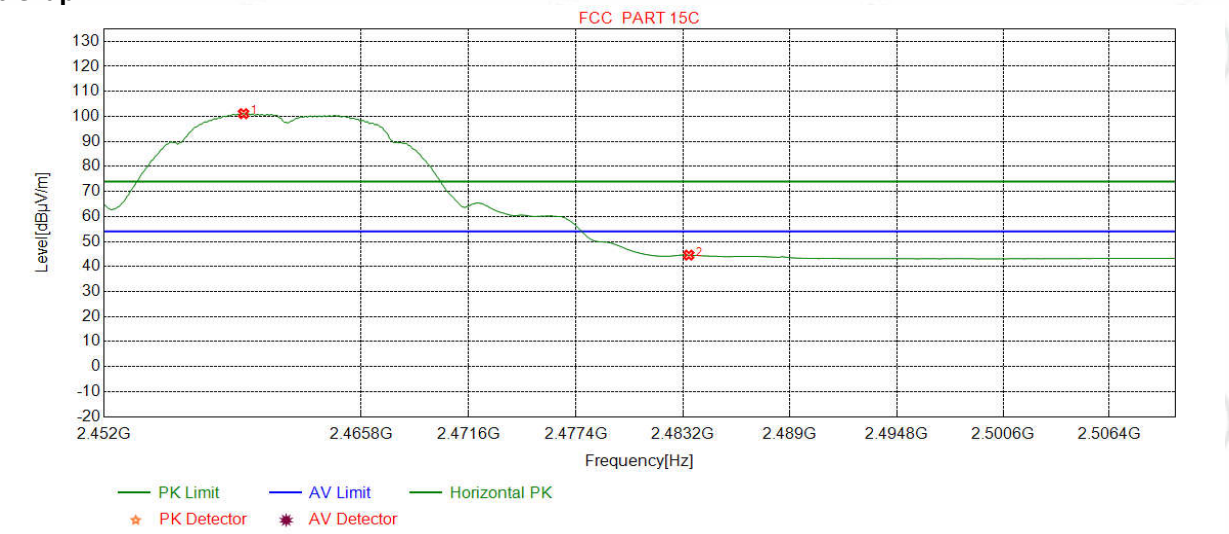
Test Graph



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	2460.2753	32.34	13.48	-43.10	102.56	105.28	74.00	-31.28	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	51.34	53.99	74.00	20.01	Pass	Vertical

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

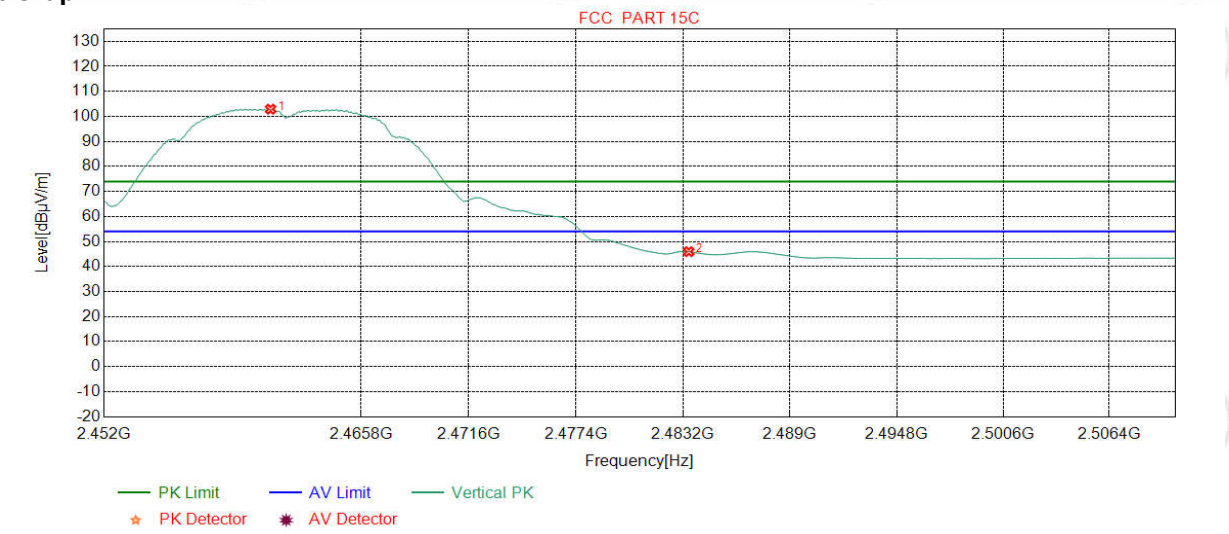
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2459.4768	32.34	13.49	-43.11	98.38	101.10	54.00	-47.10	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	41.90	44.55	54.00	9.45	Pass	Horizontal

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

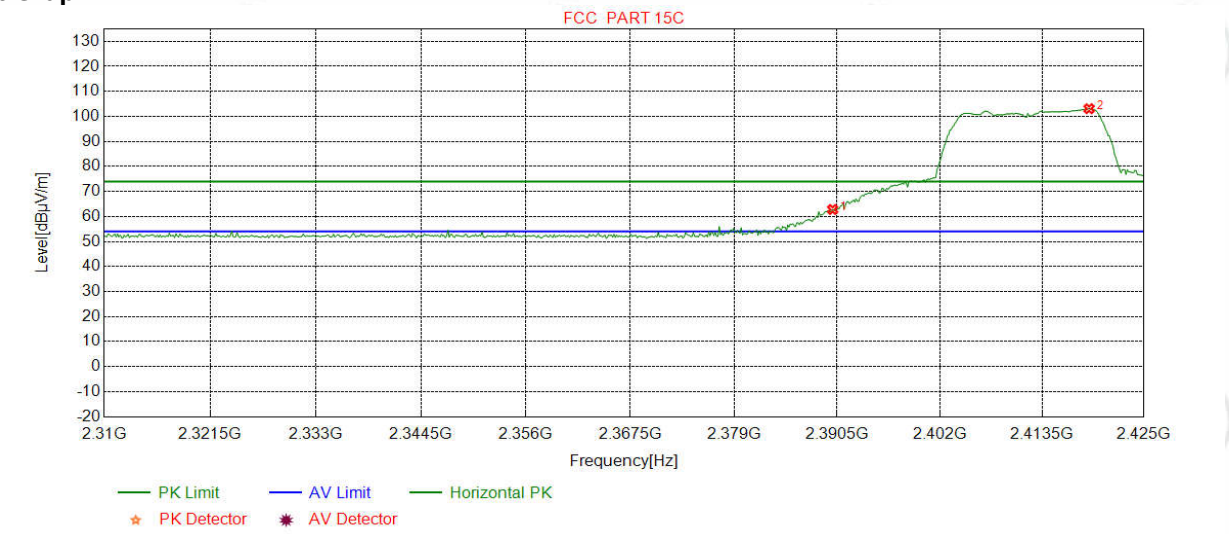
Test Graph



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	2460.9287	32.35	13.48	-43.11	100.17	102.89	54.00	-48.89	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	43.30	45.95	54.00	8.05	Pass	Vertical

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

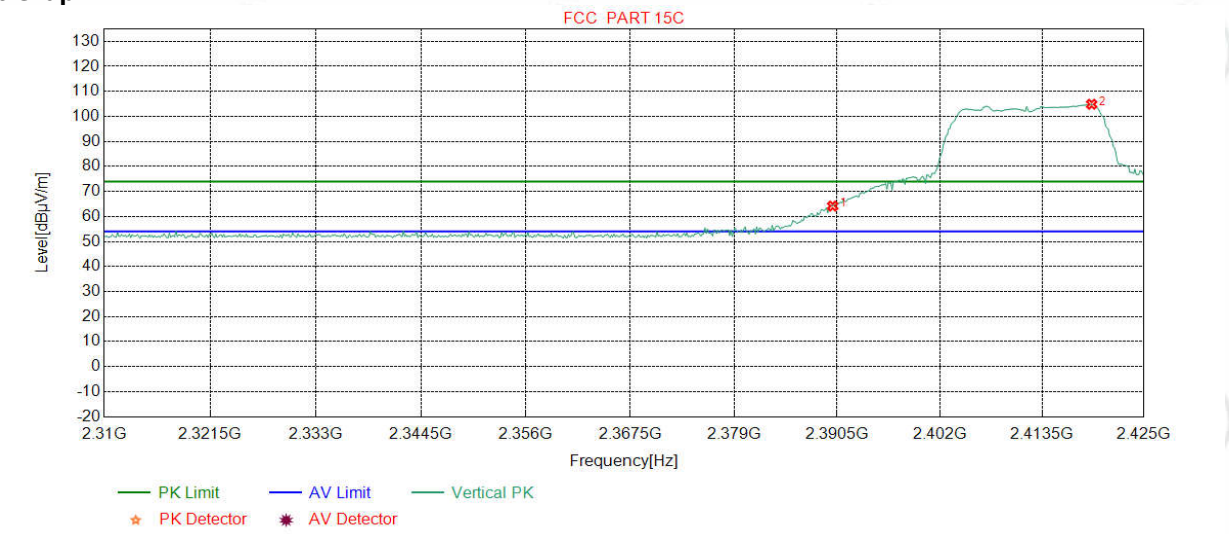
Test Graph



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	60.29	62.79	74.00	11.21	Pass	Horizontal
2	2418.8110	32.29	13.39	-43.12	100.52	103.08	74.00	-29.08	Pass	Horizontal

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

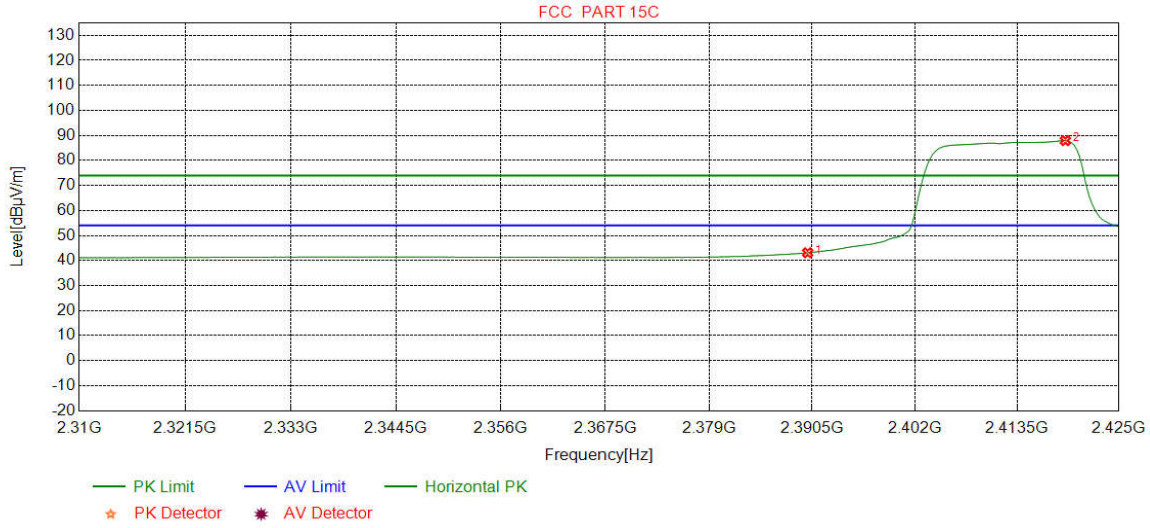
Test Graph



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	61.67	64.17	74.00	9.83	Pass	Vertical
2	2419.0989	32.29	13.39	-43.12	102.29	104.85	74.00	-30.85	Pass	Vertical

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

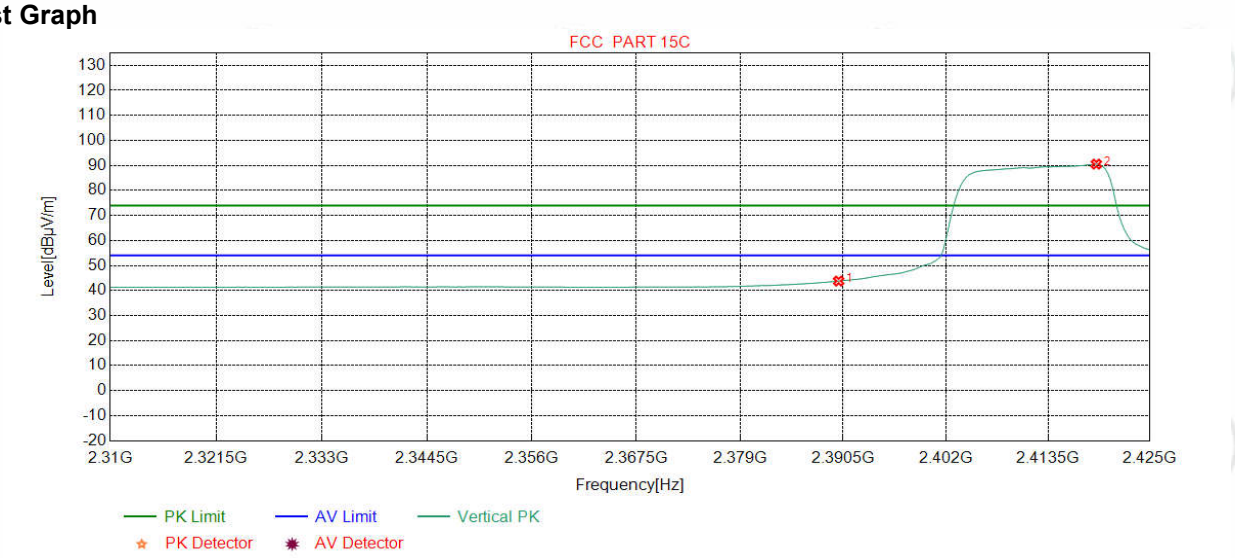
Test Graph



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	40.61	43.11	54.00	10.89	Pass	Horizontal
2	2418.9549	32.29	13.39	-43.12	85.36	87.92	54.00	-33.92	Pass	Horizontal

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

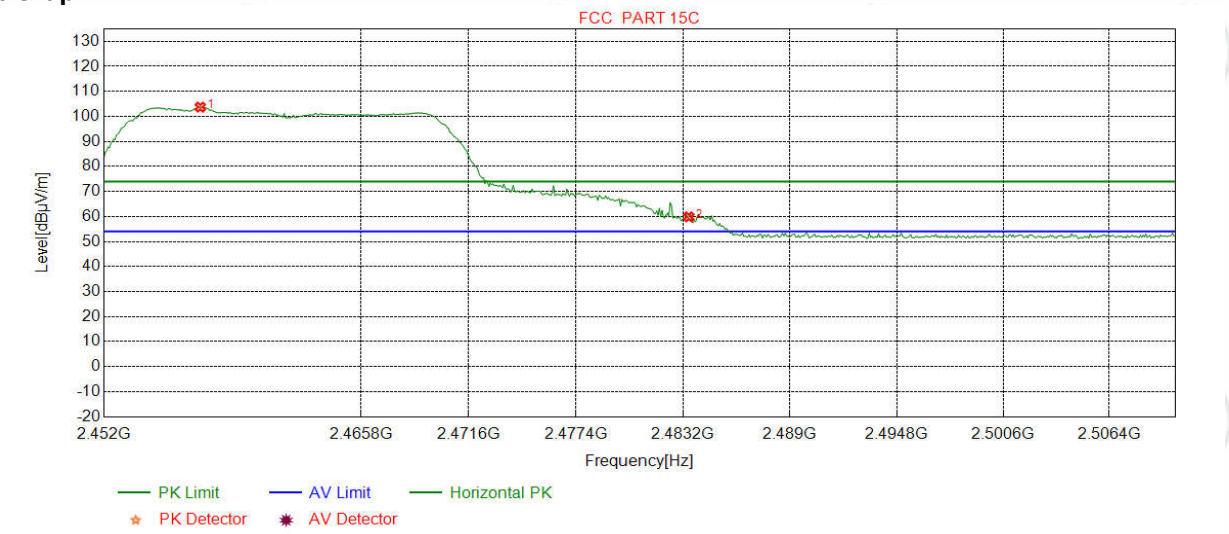
Test Graph



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	41.28	43.78	54.00	10.22	Pass	Vertical
2	2418.9549	32.29	13.39	-43.12	87.97	90.53	54.00	-36.53	Pass	Vertical

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

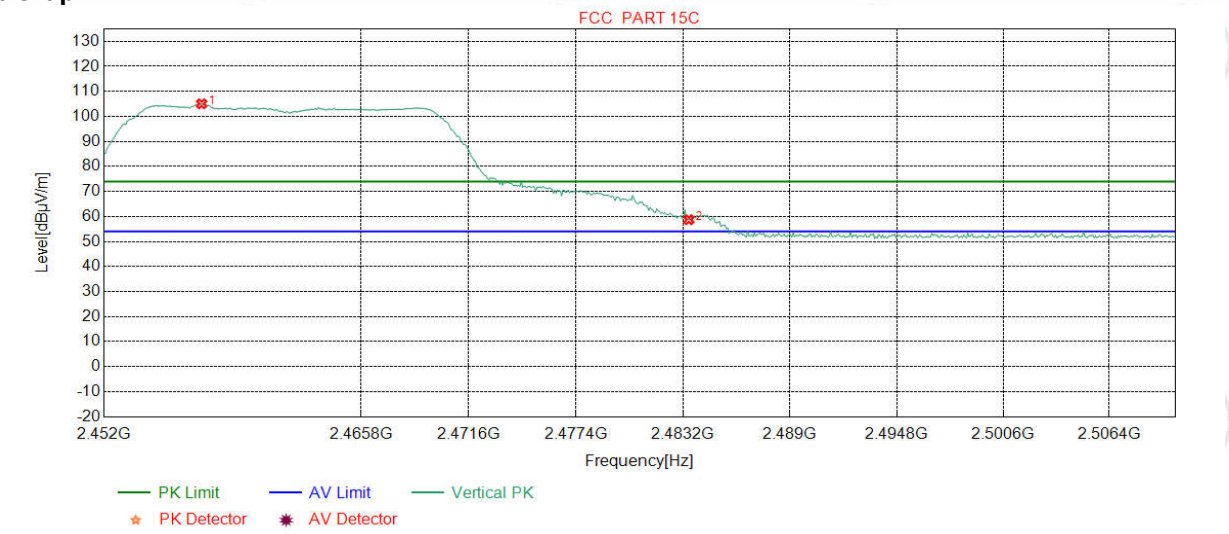
Test Graph



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	2457.1539	32.34	13.50	-43.11	100.99	103.72	74.00	-29.72	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	57.21	59.86	74.00	14.14	Pass	Horizontal

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

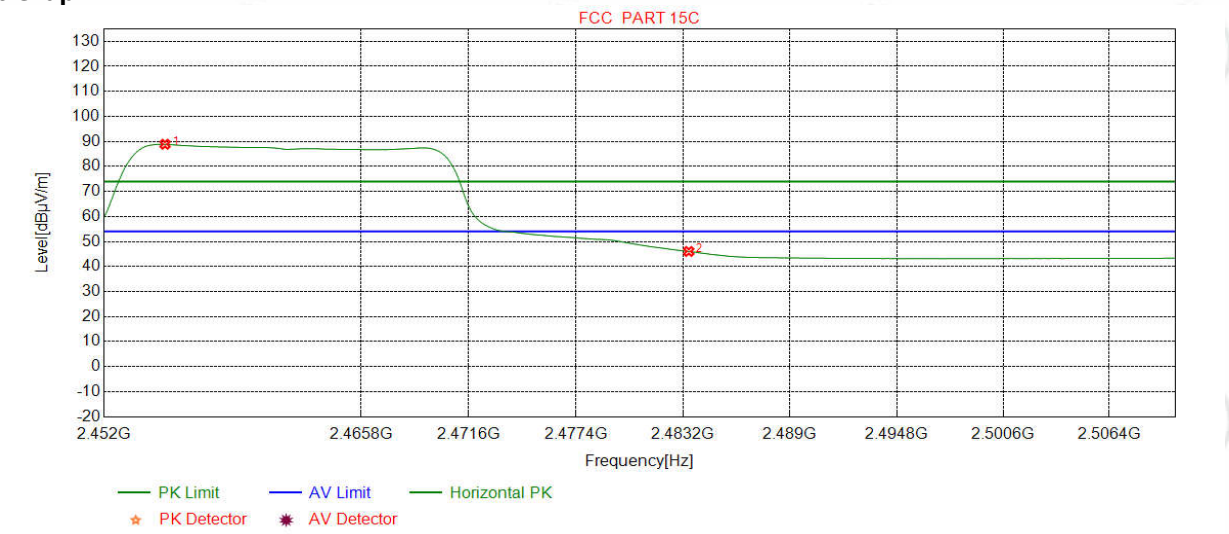
Test Graph



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	2457.2265	32.34	13.50	-43.11	102.31	105.04	74.00	-31.04	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	56.08	58.73	74.00	15.27	Pass	Vertical

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

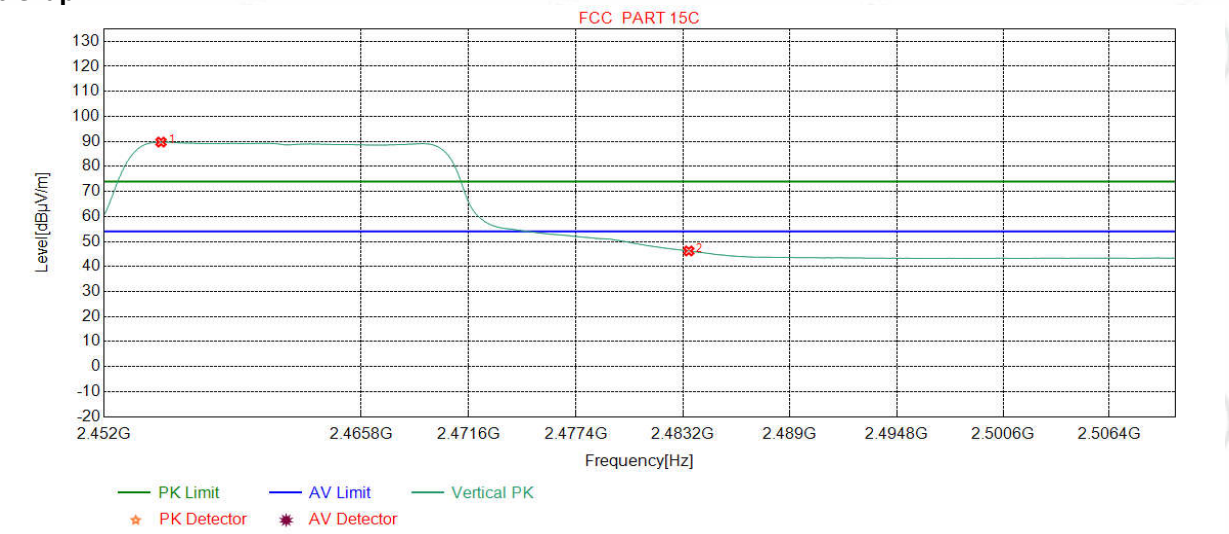
Test Graph



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	2455.2666	32.34	13.51	-43.12	86.14	88.87	54.00	-34.87	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	43.38	46.03	54.00	7.97	Pass	Horizontal

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

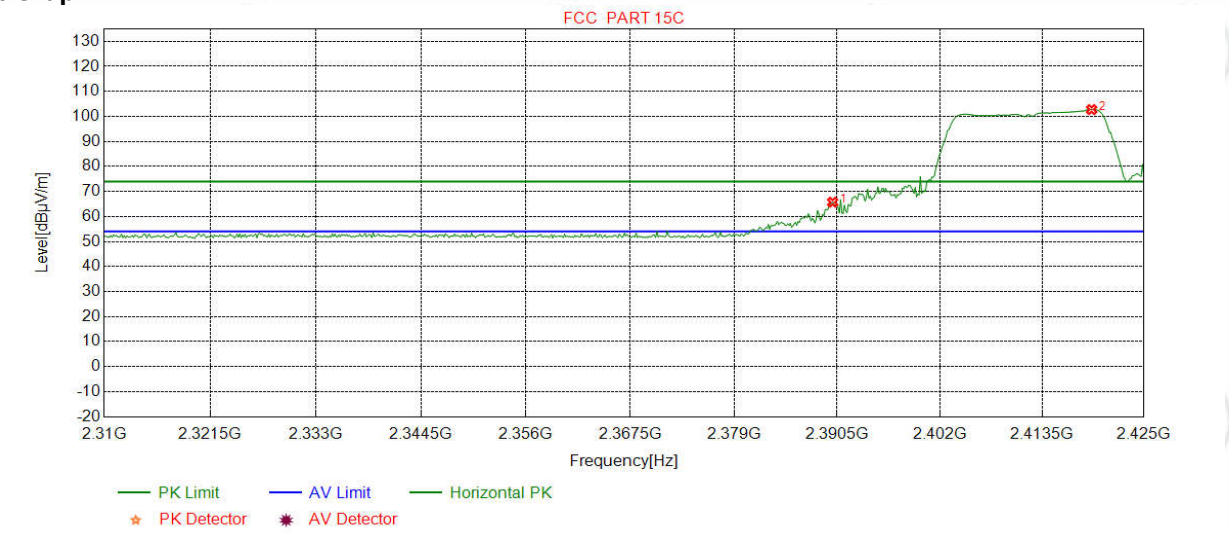
Test Graph



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	2455.0488	32.34	13.51	-43.12	87.01	89.74	54.00	-35.74	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	43.57	46.22	54.00	7.78	Pass	Vertical

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

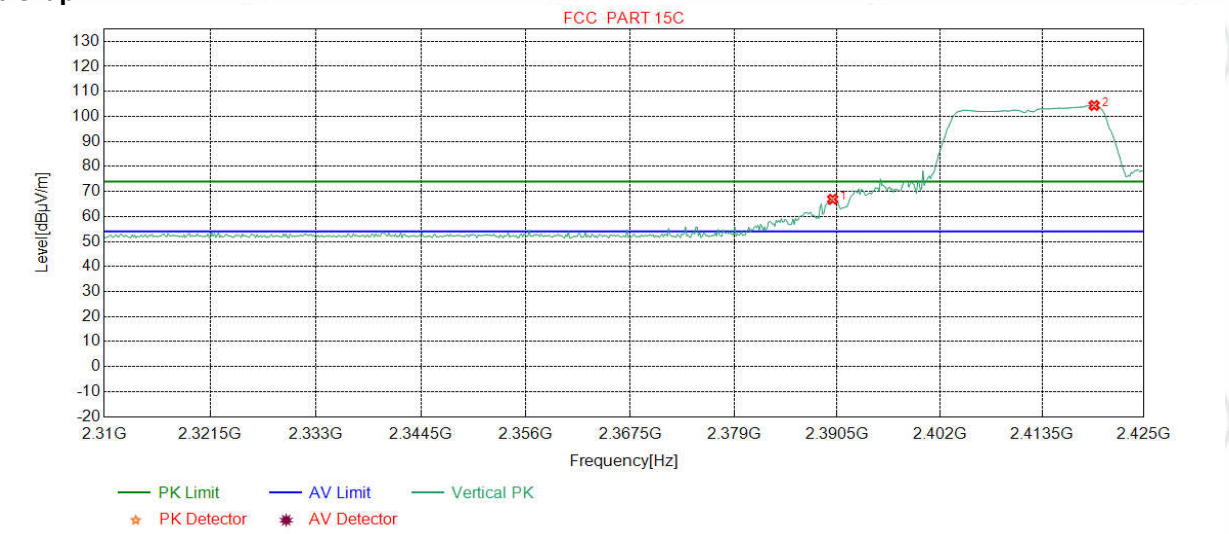
Test Graph



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	63.21	65.71	74.00	8.29	Pass	Horizontal
2	2419.0989	32.29	13.39	-43.12	100.17	102.73	74.00	-28.73	Pass	Horizontal

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

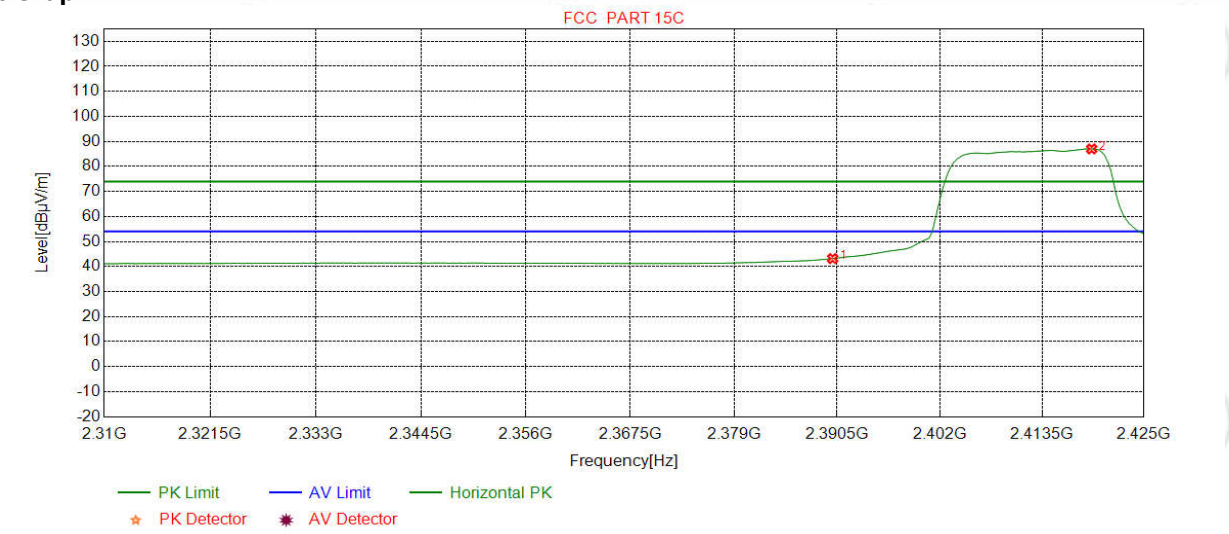
Test Graph



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	64.39	66.89	74.00	7.11	Pass	Vertical
2	2419.3867	32.29	13.39	-43.12	101.81	104.37	74.00	-30.37	Pass	Vertical

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

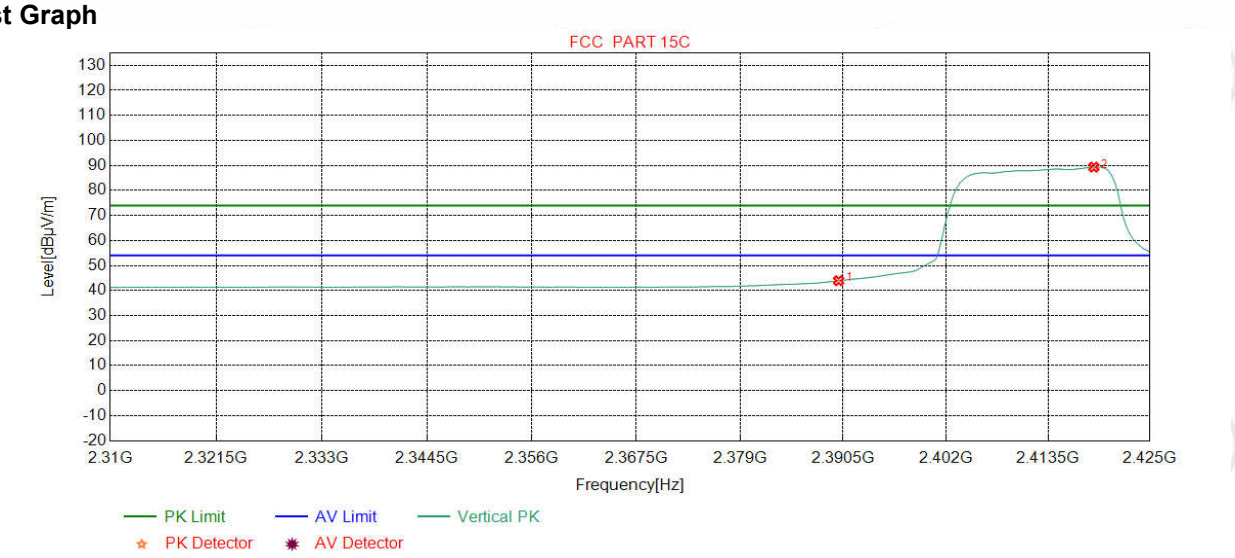
Test Graph



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	40.67	43.17	54.00	10.83	Pass	Horizontal
2	2419.0989	32.29	13.39	-43.12	84.44	87.00	54.00	-33.00	Pass	Horizontal

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

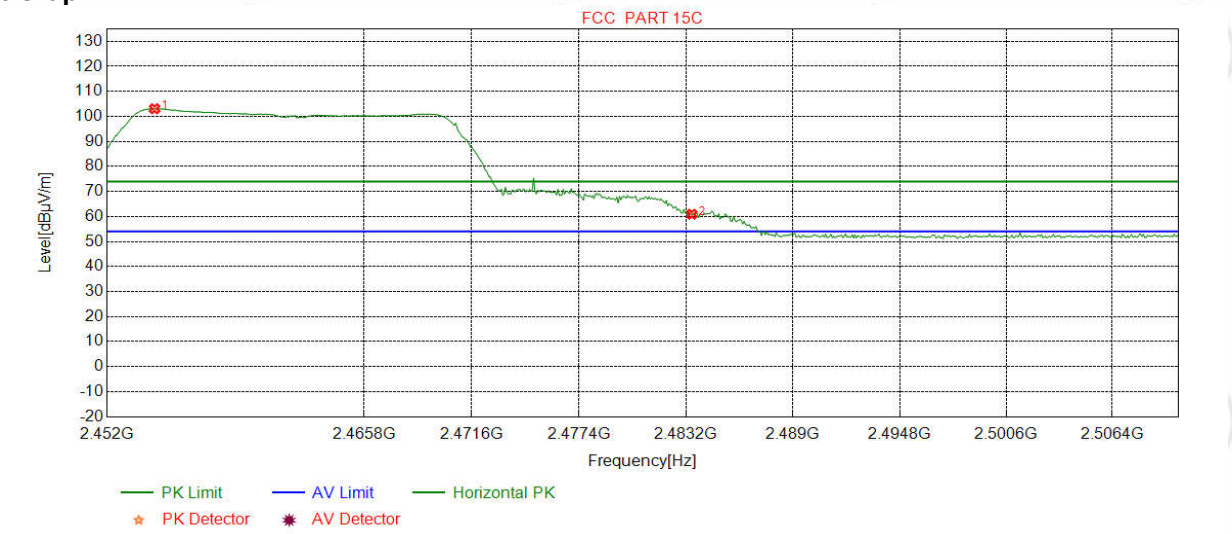
Test Graph



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	41.43	43.93	54.00	10.07	Pass	Vertical
2	2418.6671	32.29	13.39	-43.12	86.76	89.32	54.00	-35.32	Pass	Vertical

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

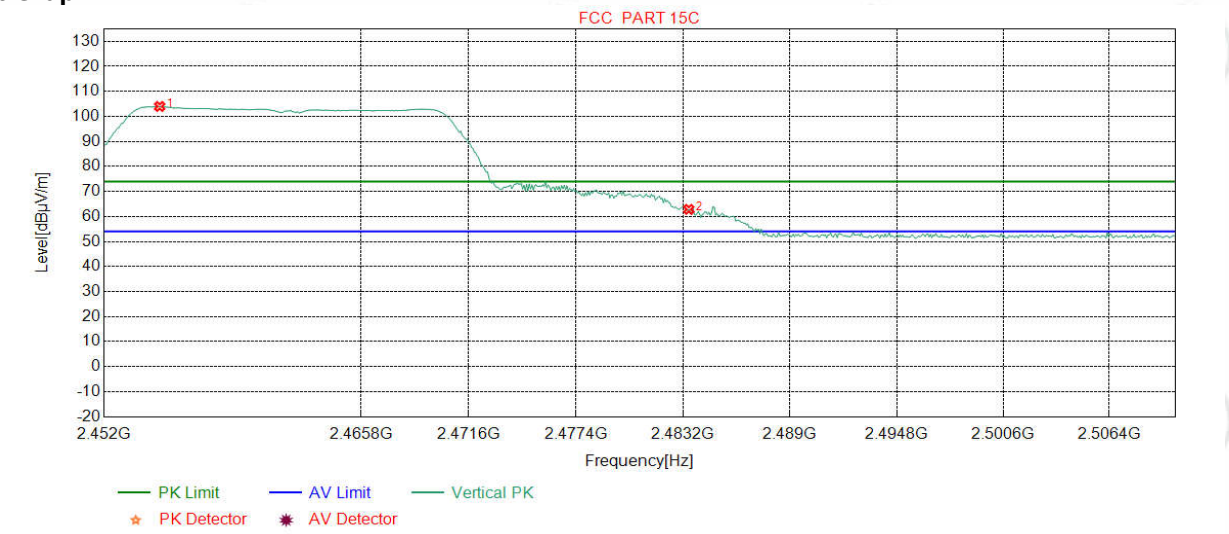
Test Graph



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	2454.5407	32.34	13.51	-43.11	100.33	103.07	74.00	-29.07	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	58.27	60.92	74.00	13.08	Pass	Horizontal

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

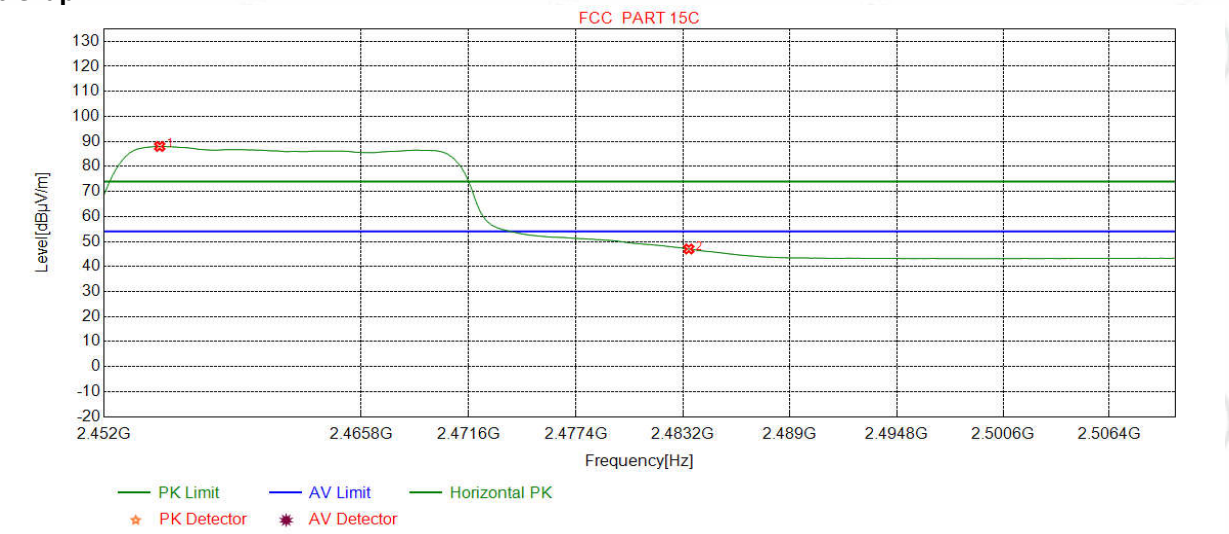
Test Graph



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	2454.9762	32.34	13.51	-43.11	101.23	103.97	74.00	-29.97	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	60.20	62.85	74.00	11.15	Pass	Vertical

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

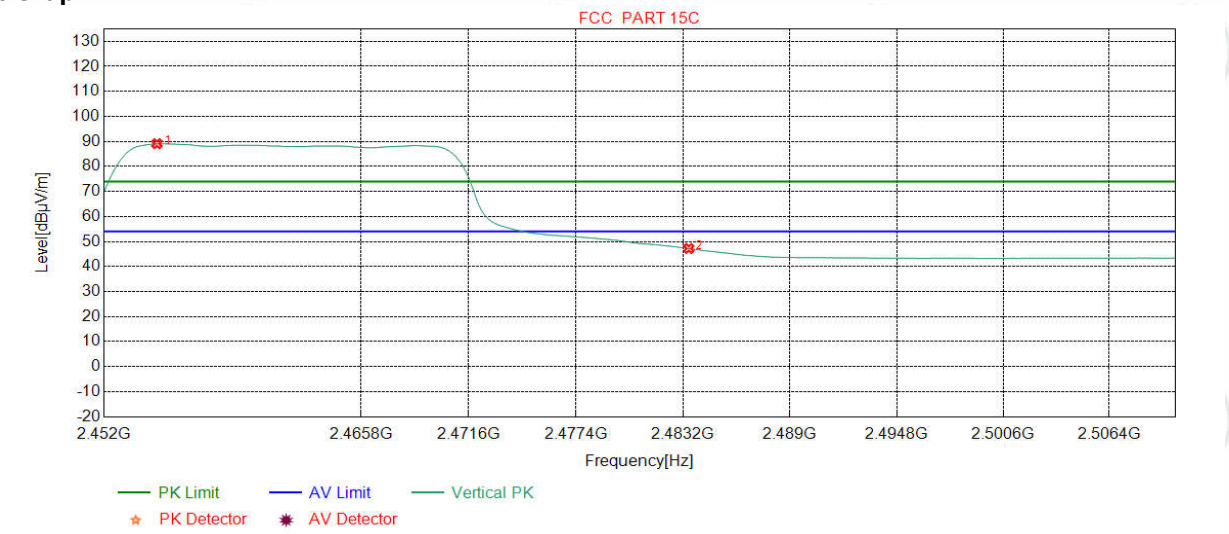
Test Graph



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	2454.9762	32.34	13.51	-43.11	85.26	88.00	54.00	-34.00	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	44.36	47.01	54.00	6.99	Pass	Horizontal

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

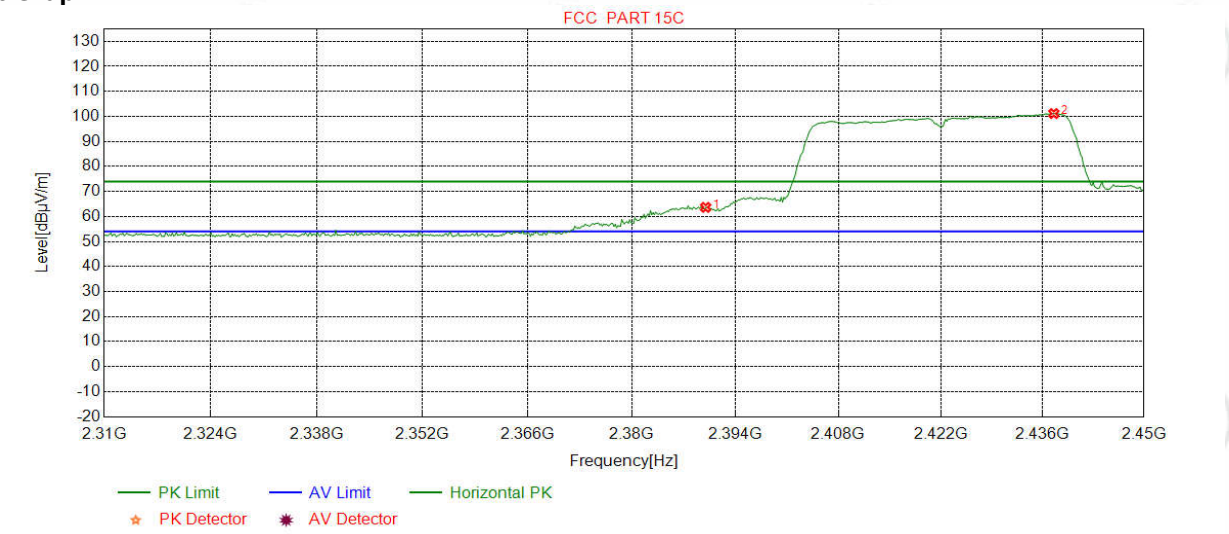
Test Graph



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	2454.8310	32.34	13.51	-43.11	86.35	89.09	54.00	-35.09	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	44.56	47.21	54.00	6.79	Pass	Vertical

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

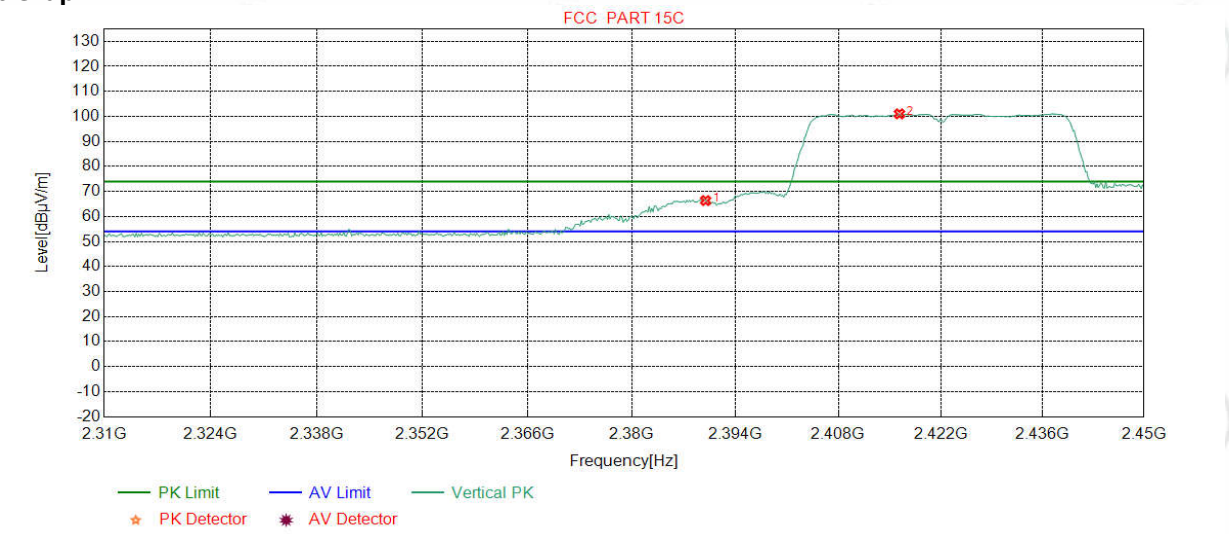
Test Graph



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	61.16	63.66	74.00	10.34	Pass	Horizontal
2	2437.5594	32.31	13.47	-43.11	98.47	101.14	74.00	-27.14	Pass	Horizontal

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

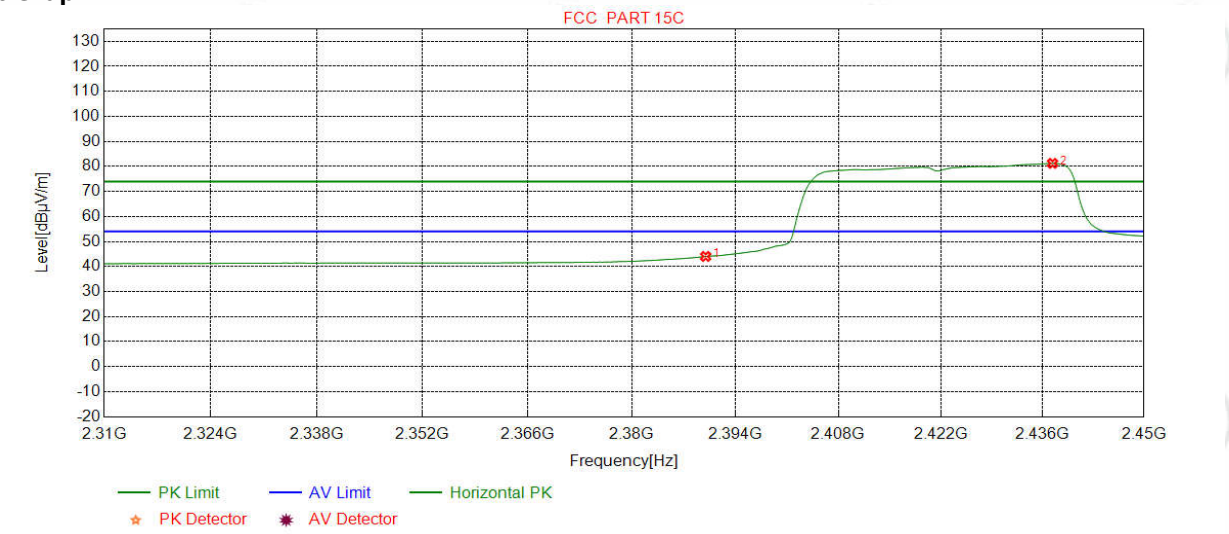
Test Graph



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	63.86	66.36	74.00	7.64	Pass	Vertical
2	2416.3579	32.28	13.38	-43.12	98.47	101.01	74.00	-27.01	Pass	Vertical

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

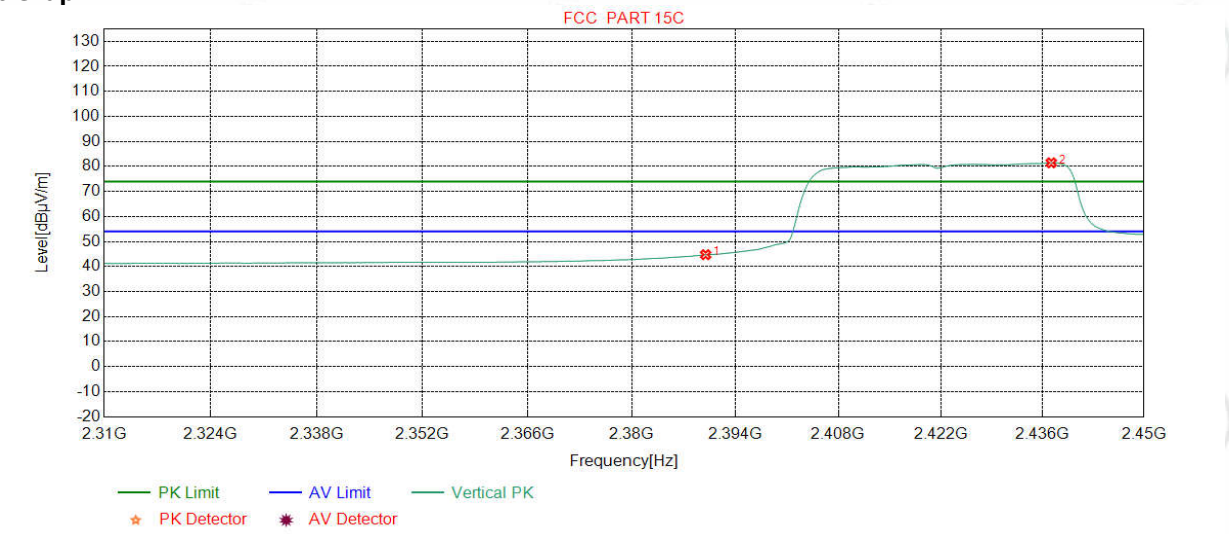
Test Graph



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	41.53	44.03	54.00	9.97	Pass	Horizontal
2	2437.3842	32.31	13.47	-43.11	78.57	81.24	54.00	-27.24	Pass	Horizontal

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

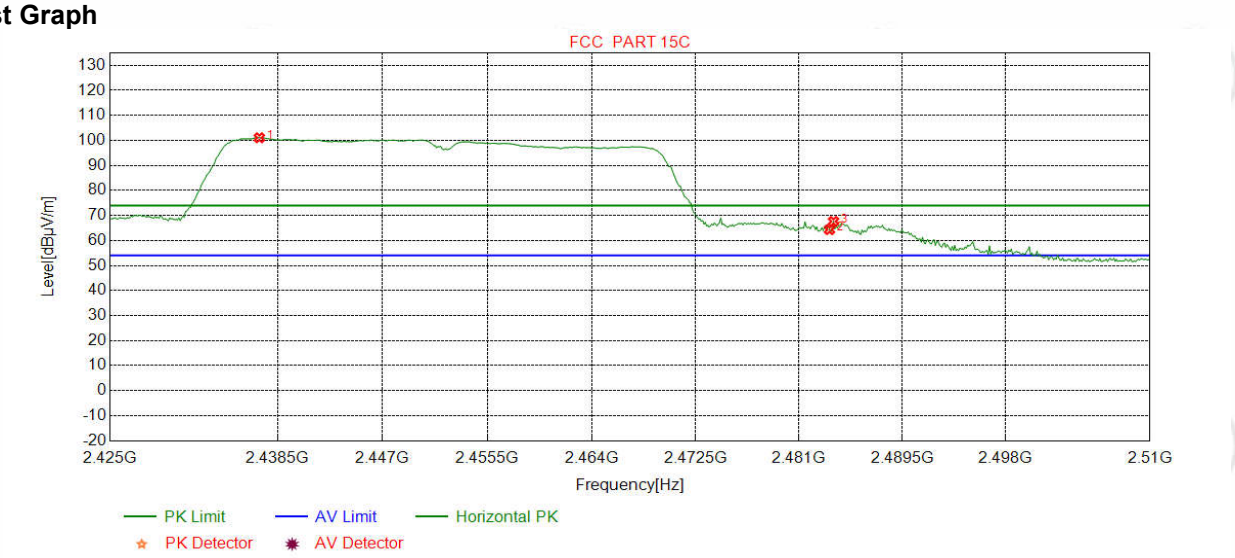
Test Graph



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	42.23	44.73	54.00	9.27	Pass	Vertical
2	2437.2090	32.31	13.47	-43.11	78.77	81.44	54.00	-27.44	Pass	Vertical

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

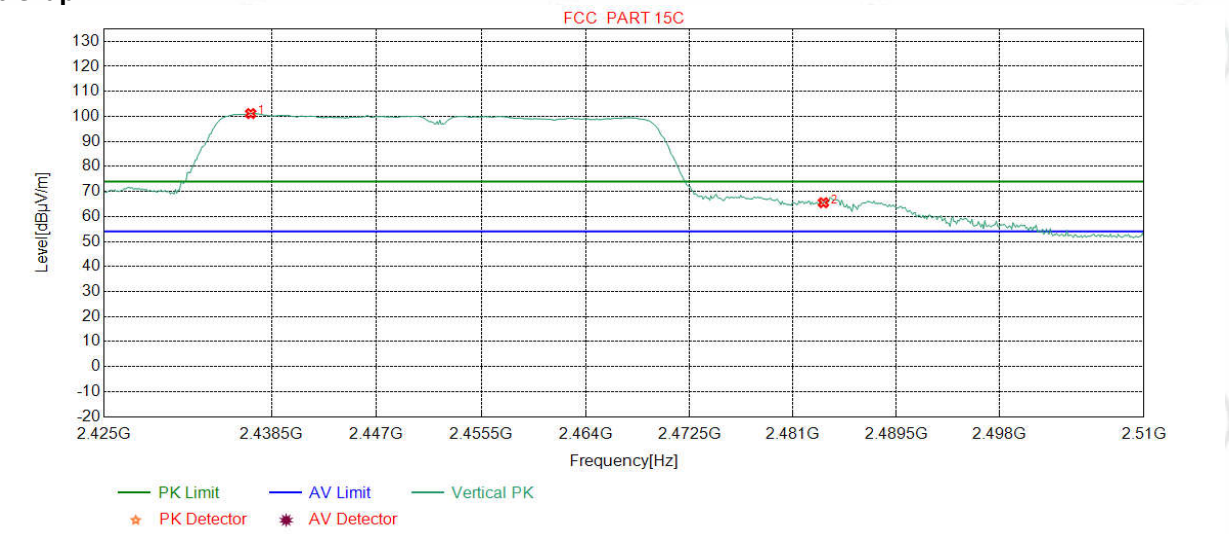
Test Graph



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	2437.0213	32.31	13.47	-43.11	98.38	101.05	74.00	-27.05	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	61.67	64.32	74.00	9.68	Pass	Horizontal
3	2483.8298	32.38	13.37	-43.10	64.97	67.62	74.00	6.38	Pass	Horizontal

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

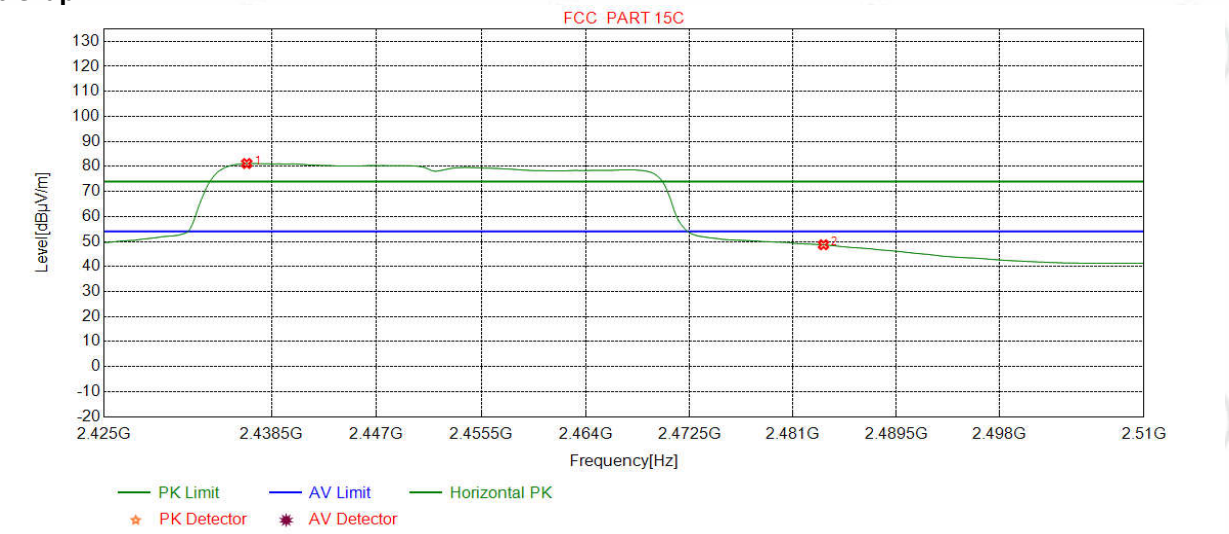
Test Graph



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	2436.8085	32.31	13.47	-43.11	98.46	101.13	74.00	-27.13	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	62.85	65.50	74.00	8.50	Pass	Vertical

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

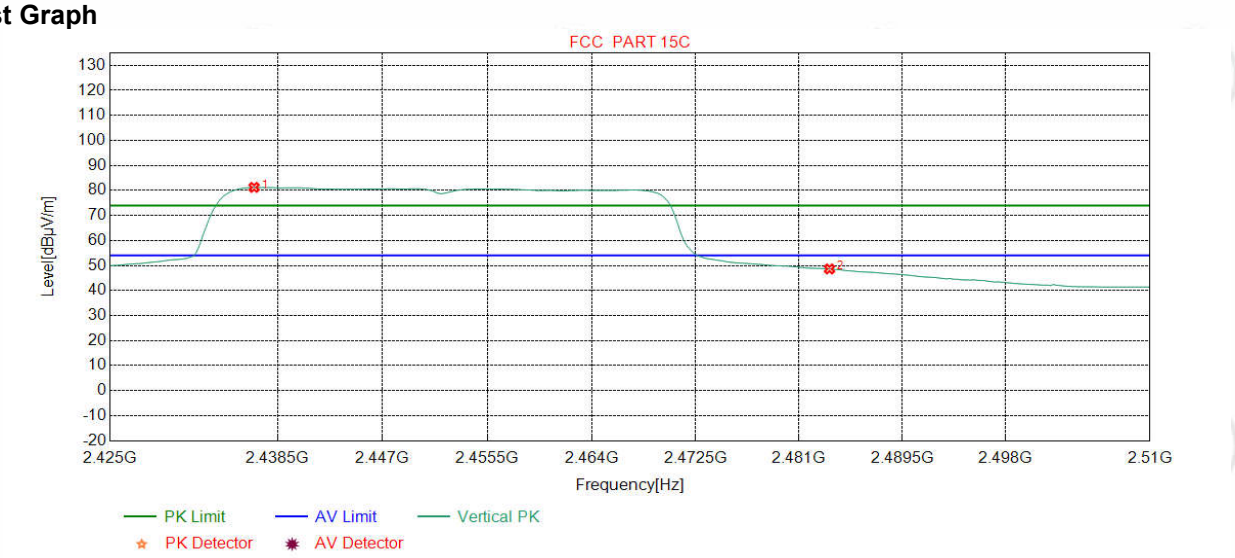
Test Graph



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	2436.4894	32.31	13.47	-43.11	78.50	81.17	54.00	-27.17	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	46.05	48.70	54.00	5.30	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	2436.5957	32.31	13.47	-43.11	78.55	81.22	54.00	-27.22	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	45.98	48.63	54.00	5.37	Pass	Vertical

Note:

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate, find the 1Mbps 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

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
1	111.3911	10.66	1.25	-32.07	52.80	32.64	43.50	10.86	Pass	H
2	185.6036	9.53	1.60	-31.98	51.09	30.24	43.50	13.26	Pass	H
3	241.4811	11.98	1.85	-31.91	59.61	41.53	46.00	4.47	Pass	H
4	433.2693	15.93	2.46	-31.84	40.66	27.21	46.00	18.79	Pass	H
5	649.9890	19.40	3.10	-32.07	38.63	29.06	46.00	16.94	Pass	H
6	899.9830	22.10	3.60	-31.40	37.30	31.60	46.00	14.40	Pass	H
7	119.4429	9.29	1.30	-32.07	54.61	33.13	43.50	10.37	Pass	V
8	185.6036	9.53	1.60	-31.98	49.12	28.27	43.50	15.23	Pass	V
9	242.9363	12.02	1.85	-31.90	54.58	36.55	46.00	9.45	Pass	V
10	433.2693	15.93	2.46	-31.84	42.78	29.33	46.00	16.67	Pass	V
11	666.4806	19.53	3.08	-32.06	44.71	35.26	46.00	10.74	Pass	V
12	839.9340	21.38	3.50	-31.89	41.83	34.82	46.00	11.18	Pass	V

Transmitter Emission above 1GHz

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1080.0080	27.98	2.54	-43.02	61.77	49.27	74.00	24.73	Pass	H	Peak
2	1800.2800	30.38	3.32	-42.71	55.64	46.63	74.00	27.37	Pass	H	Peak
3	3062.0041	33.22	4.80	-43.09	51.93	46.86	74.00	27.14	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	49.35	45.66	74.00	28.34	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	46.93	46.90	74.00	27.10	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.40	48.68	74.00	25.32	Pass	H	Peak
7	1066.6067	27.97	2.53	-43.04	59.90	47.36	74.00	26.64	Pass	V	Peak
8	2126.5127	31.88	3.62	-43.18	54.37	46.69	74.00	27.31	Pass	V	Peak
9	3333.0222	33.33	4.54	-43.10	50.48	45.25	74.00	28.75	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	49.71	46.02	74.00	27.98	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.14	46.11	74.00	27.89	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	45.93	48.21	74.00	25.79	Pass	V	Peak

Mode:		802.11 b (1Mbps) Transmitting				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1079.6080	27.98	2.54	-43.02	59.15	46.65	74.00	27.35	Pass	H	Peak
2	1800.2800	30.38	3.32	-42.71	55.20	46.19	74.00	27.81	Pass	H	Peak
3	3911.0607	33.73	4.34	-43.02	50.01	45.06	74.00	28.94	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.50	43.98	74.00	30.02	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.98	47.10	74.00	26.90	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.08	49.45	74.00	24.55	Pass	H	Peak
7	1118.8119	28.02	2.61	-42.98	58.06	45.71	74.00	28.29	Pass	V	Peak
8	1997.6998	31.68	3.47	-43.19	52.61	44.57	74.00	29.43	Pass	V	Peak
9	3205.0137	33.28	4.63	-43.10	50.83	45.64	74.00	28.36	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.41	43.89	74.00	30.11	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	45.84	45.96	74.00	28.04	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	46.30	48.67	74.00	25.33	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	1079.4079	27.98	2.54	-43.02	60.53	48.03	74.00	25.97	Pass	H	Peak
2	1799.8800	30.38	3.32	-42.71	56.76	47.75	74.00	26.25	Pass	H	Peak
3	3768.0512	33.61	4.36	-43.04	51.18	46.11	74.00	27.89	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	47.67	44.22	74.00	29.78	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	47.06	47.27	74.00	26.73	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	45.73	48.20	74.00	25.80	Pass	H	Peak
7	1080.0080	27.98	2.54	-43.02	59.71	47.21	74.00	26.79	Pass	V	Peak
8	2083.9084	31.82	3.57	-43.18	51.20	43.41	74.00	30.59	Pass	V	Peak
9	3296.0197	33.32	4.57	-43.10	50.74	45.53	74.00	28.47	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	47.99	44.54	74.00	29.46	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	47.28	47.49	74.00	26.51	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	46.73	49.20	74.00	24.80	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	Remark
1	1079.8080	27.98	2.54	-43.02	59.75	47.25	74.00	26.75	Pass	H	Peak
2	1560.0560	28.80	3.04	-42.99	59.04	47.89	74.00	26.11	Pass	H	Peak
3	3021.0014	33.21	4.89	-43.10	50.19	45.19	74.00	28.81	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	47.26	43.57	74.00	30.43	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	46.05	46.02	74.00	27.98	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	46.81	49.09	74.00	24.91	Pass	H	Peak
7	1080.0080	27.98	2.54	-43.02	59.58	47.08	74.00	26.92	Pass	V	Peak
8	1320.2320	28.22	2.78	-42.77	58.82	47.05	74.00	26.95	Pass	V	Peak
9	2784.5785	32.86	4.21	-43.10	53.17	47.14	74.00	26.86	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	47.03	43.34	74.00	30.66	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.96	46.93	74.00	27.07	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	46.70	48.98	74.00	25.02	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1079.8080	27.98	2.54	-43.02	61.37	48.87	74.00	25.13	Pass	H	Peak
2	1799.6800	30.38	3.32	-42.71	54.82	45.81	74.00	28.19	Pass	H	Peak
3	3193.0129	33.28	4.64	-43.10	50.21	45.03	74.00	28.97	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	46.51	42.99	74.00	31.01	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.44	46.56	74.00	27.44	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.34	49.71	74.00	24.29	Pass	H	Peak
7	1320.0320	28.22	2.78	-42.77	60.77	49.00	74.00	25.00	Pass	V	Peak
8	1560.2560	28.80	3.04	-42.98	56.62	45.48	74.00	28.52	Pass	V	Peak
9	3197.0131	33.28	4.65	-43.11	50.93	45.75	74.00	28.25	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	46.20	42.68	74.00	31.32	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	47.25	47.37	74.00	26.63	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.36	49.73	74.00	24.27	Pass	V	Peak

Mode:		802.11 g (6Mbps) Transmitting				Channel:		2462			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1080.2080	27.98	2.54	-43.02	60.08	47.58	74.00	26.42	Pass	H	Peak
2	1800.0800	30.38	3.32	-42.71	55.66	46.65	74.00	27.35	Pass	H	Peak
3	2942.3942	33.11	4.40	-43.11	51.01	45.41	74.00	28.59	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.42	43.90	74.00	30.10	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	46.41	46.53	74.00	27.47	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	46.46	48.83	74.00	25.17	Pass	H	Peak
7	1080.0080	27.98	2.54	-43.02	63.25	50.75	74.00	23.25	Pass	V	Peak
8	1320.0320	28.22	2.78	-42.77	58.87	47.10	74.00	26.90	Pass	V	Peak
9	3196.0131	33.28	4.64	-43.10	50.40	45.22	74.00	28.78	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	47.25	43.80	74.00	30.20	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	46.52	46.73	74.00	27.27	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	46.33	48.80	74.00	25.20	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2412			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1080.0080	27.98	2.54	-43.02	62.65	50.15	74.00	23.85	Pass	H	Peak
2	1799.6800	30.38	3.32	-42.71	54.76	45.75	74.00	28.25	Pass	H	Peak
3	3014.0009	33.21	4.90	-43.10	50.68	45.69	74.00	28.31	Pass	H	Peak
4	4824.0000	34.50	4.61	-42.80	47.65	43.96	74.00	30.04	Pass	H	Peak
5	7236.0000	36.34	5.79	-42.16	47.24	47.21	74.00	26.79	Pass	H	Peak
6	9648.0000	37.66	6.72	-42.10	47.39	49.67	74.00	24.33	Pass	H	Peak
7	1080.0080	27.98	2.54	-43.02	62.36	49.86	74.00	24.14	Pass	V	Peak
8	1560.0560	28.80	3.04	-42.99	57.26	46.11	74.00	27.89	Pass	V	Peak
9	3054.0036	33.22	4.82	-43.10	50.28	45.22	74.00	28.78	Pass	V	Peak
10	4824.0000	34.50	4.61	-42.80	46.97	43.28	74.00	30.72	Pass	V	Peak
11	7236.0000	36.34	5.79	-42.16	46.26	46.23	74.00	27.77	Pass	V	Peak
12	9648.0000	37.66	6.72	-42.10	45.76	48.04	74.00	25.96	Pass	V	Peak

Mode:		802.11 n (HT20) (6.5Mbps)				Channel:		2437			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1080.2080	27.98	2.54	-43.02	61.98	49.48	74.00	24.52	Pass	H	Peak
2	1953.0953	31.39	3.42	-43.08	53.51	45.24	74.00	28.76	Pass	H	Peak
3	3908.0605	33.73	4.34	-43.02	51.20	46.25	74.00	27.75	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	46.57	43.05	74.00	30.95	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	45.55	45.67	74.00	28.33	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.26	49.63	74.00	24.37	Pass	H	Peak
7	1080.2080	27.98	2.54	-43.02	61.32	48.82	74.00	25.18	Pass	V	Peak
8	1320.2320	28.22	2.78	-42.77	59.43	47.66	74.00	26.34	Pass	V	Peak
9	1800.2800	30.38	3.32	-42.71	52.40	43.39	74.00	30.61	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	48.09	44.57	74.00	29.43	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	46.47	46.59	74.00	27.41	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	47.67	50.04	74.00	23.96	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	Remark
1	1080.0080	27.98	2.54	-43.02	61.74	49.24	74.00	24.76	Pass	H	Peak
2	1800.2800	30.38	3.32	-42.71	55.05	46.04	74.00	27.96	Pass	H	Peak
3	3890.0593	33.71	4.34	-43.02	49.64	44.67	74.00	29.33	Pass	H	Peak
4	4924.0000	34.50	4.85	-42.80	47.45	44.00	74.00	30.00	Pass	H	Peak
5	7386.0000	36.49	5.85	-42.13	46.00	46.21	74.00	27.79	Pass	H	Peak
6	9848.0000	37.74	6.83	-42.10	45.80	48.27	74.00	25.73	Pass	H	Peak
7	1080.0080	27.98	2.54	-43.02	61.33	48.83	74.00	25.17	Pass	V	Peak
8	1799.4799	30.38	3.32	-42.71	53.05	44.04	74.00	29.96	Pass	V	Peak
9	3279.0186	33.31	4.53	-43.10	50.63	45.37	74.00	28.63	Pass	V	Peak
10	4924.0000	34.50	4.85	-42.80	48.16	44.71	74.00	29.29	Pass	V	Peak
11	7386.0000	36.49	5.85	-42.13	45.65	45.86	74.00	28.14	Pass	V	Peak
12	9848.0000	37.74	6.83	-42.10	46.05	48.52	74.00	25.48	Pass	V	Peak

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	1080.0080	27.98	2.54	-43.02	62.60	50.10	74.00	23.90	Pass	H	Peak
2	1320.0320	28.22	2.78	-42.77	58.61	46.84	74.00	27.16	Pass	H	Peak
3	1800.0800	30.38	3.32	-42.71	53.58	44.57	74.00	29.43	Pass	H	Peak
4	4844.0000	34.50	4.66	-42.80	46.60	42.96	74.00	31.04	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	47.83	50.03	74.00	23.97	Pass	H	Peak
7	1080.4080	27.98	2.54	-43.01	61.97	49.48	74.00	24.52	Pass	V	Peak
8	1948.8949	31.36	3.42	-43.07	51.98	43.69	74.00	30.31	Pass	V	Peak
9	3782.0521	33.63	4.36	-43.05	49.95	44.89	74.00	29.11	Pass	V	Peak
10	4844.0000	34.50	4.66	-42.80	47.27	43.63	74.00	30.37	Pass	V	Peak
11	7266.0000	36.37	5.80	-42.15	45.73	45.75	74.00	28.25	Pass	V	Peak
12	9688.0000	37.68	6.62	-42.10	47.55	49.75	74.00	24.25	Pass	V	Peak

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	1080.0080	27.98	2.54	-43.02	61.65	49.15	74.00	24.85	Pass	H	Peak
2	1560.0560	28.80	3.04	-42.99	58.40	47.25	74.00	26.75	Pass	H	Peak
3	3931.0621	33.74	4.34	-43.01	50.36	45.43	74.00	28.57	Pass	H	Peak
4	4874.0000	34.50	4.78	-42.80	47.31	43.79	74.00	30.21	Pass	H	Peak
5	7311.0000	36.41	5.85	-42.14	45.79	45.91	74.00	28.09	Pass	H	Peak
6	9748.0000	37.70	6.77	-42.10	47.20	49.57	74.00	24.43	Pass	H	Peak
7	1080.2080	27.98	2.54	-43.02	61.47	48.97	74.00	25.03	Pass	V	Peak
8	1319.8320	28.22	2.78	-42.77	61.42	49.65	74.00	24.35	Pass	V	Peak
9	4262.0841	34.17	4.48	-42.89	50.29	46.05	74.00	27.95	Pass	V	Peak
10	4874.0000	34.50	4.78	-42.80	47.78	44.26	74.00	29.74	Pass	V	Peak
11	7311.0000	36.41	5.85	-42.14	45.92	46.04	74.00	27.96	Pass	V	Peak
12	9748.0000	37.70	6.77	-42.10	46.15	48.52	74.00	25.48	Pass	V	Peak

Mode:		802.11 n(HT40) (13.5Mbps) Transmitting				Channel:		2452			
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1080.2080	27.98	2.54	-43.02	61.47	48.97	74.00	25.03	Pass	H	Peak
2	1800.2800	30.38	3.32	-42.71	54.57	45.56	74.00	28.44	Pass	H	Peak
3	2935.3935	33.10	4.39	-43.10	51.89	46.28	74.00	27.72	Pass	H	Peak
4	4904.0000	34.50	4.88	-42.80	47.34	43.92	74.00	30.08	Pass	H	Peak
5	7356.0000	36.46	5.85	-42.13	47.16	47.34	74.00	26.66	Pass	H	Peak
6	9808.0000	37.72	6.59	-42.10	46.97	49.18	74.00	24.82	Pass	H	Peak
7	1080.2080	27.98	2.54	-43.02	61.76	49.26	74.00	24.74	Pass	V	Peak
8	1559.8560	28.80	3.04	-42.99	57.61	46.46	74.00	27.54	Pass	V	Peak
9	3810.0540	33.65	4.37	-43.04	50.30	45.28	74.00	28.72	Pass	V	Peak
10	4904.0000	34.50	4.88	-42.80	47.32	43.90	74.00	30.10	Pass	V	Peak
11	7356.0000	36.46	5.85	-42.13	46.17	46.35	74.00	27.65	Pass	V	Peak
12	9808.0000	37.72	6.59	-42.10	46.98	49.19	74.00	24.81	Pass	V	Peak

Note:

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate, find the 1Mbps 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

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.