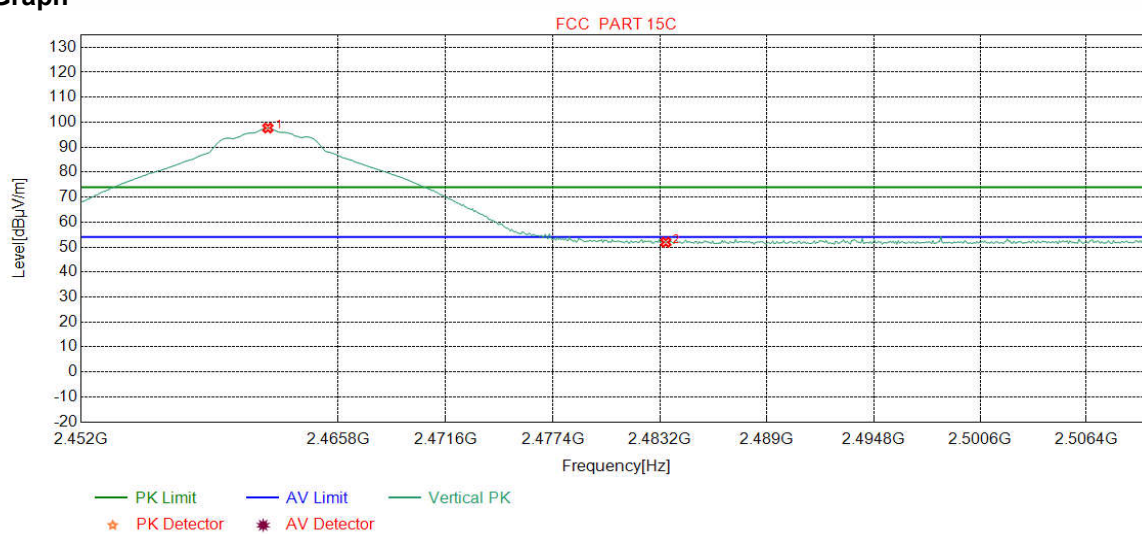


Mode:	802.11 b(1Mbps) Transmitting	Channel:	2462
Remark:	PK		

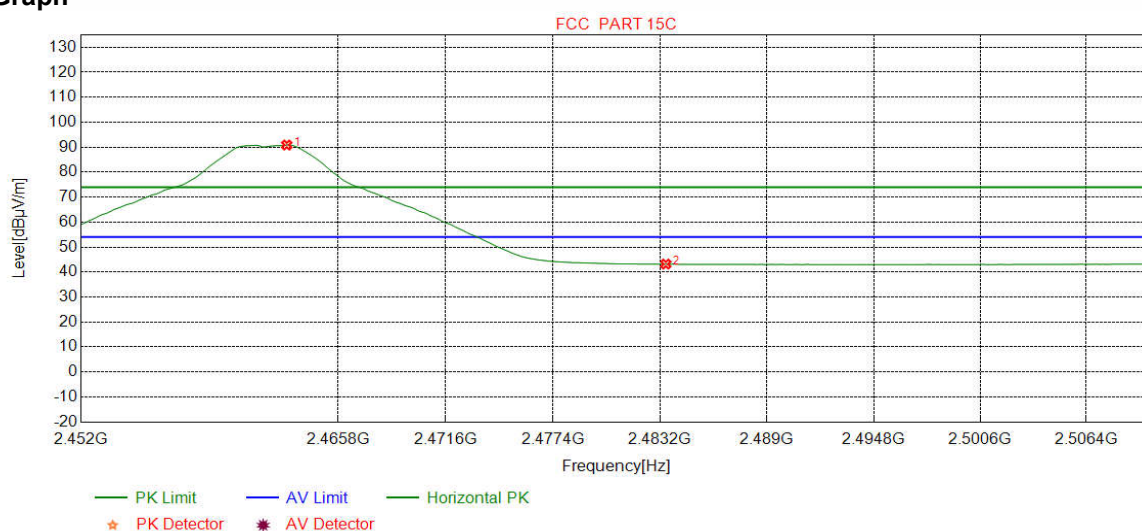
Test Graph



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	2462.0175	32.35	13.47	-43.11	94.97	97.68	74.00	-23.68	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.27	51.92	74.00	22.08	Pass	Vertical

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

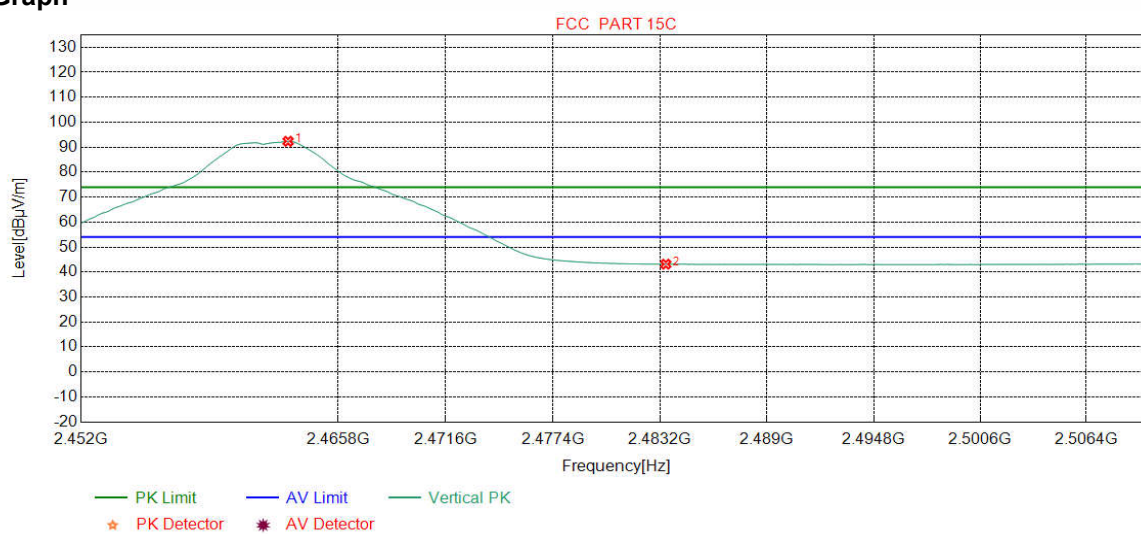
Test Graph



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	2463.0338	32.35	13.47	-43.11	88.14	90.85	54.00	-36.85	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.54	43.19	54.00	10.81	Pass	Horizontal

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

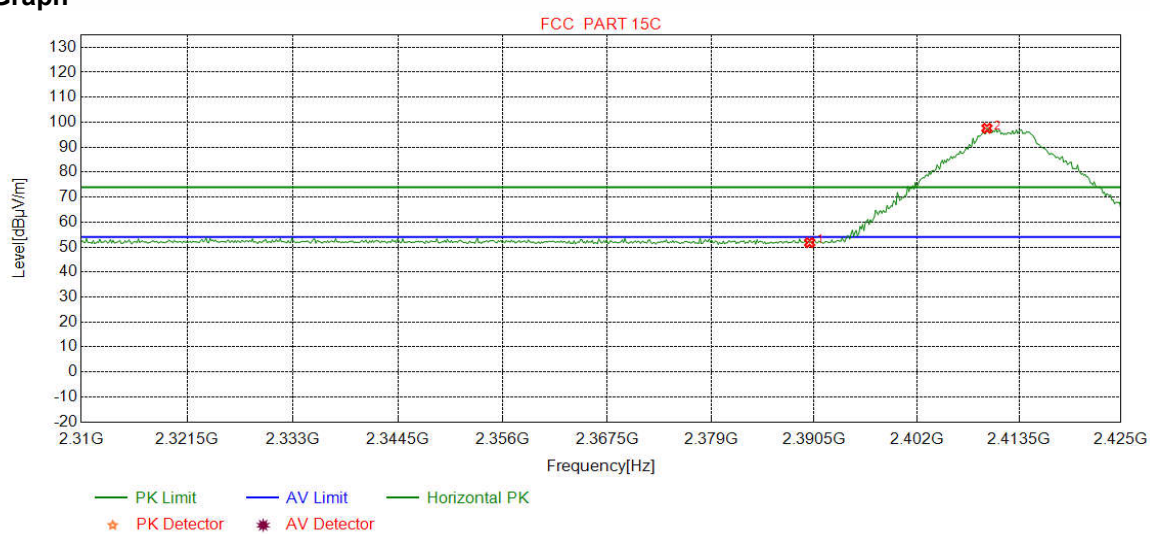
Test Graph



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	2463.1064	32.35	13.47	-43.11	89.63	92.34	54.00	-38.34	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.50	43.15	54.00	10.85	Pass	Vertical

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

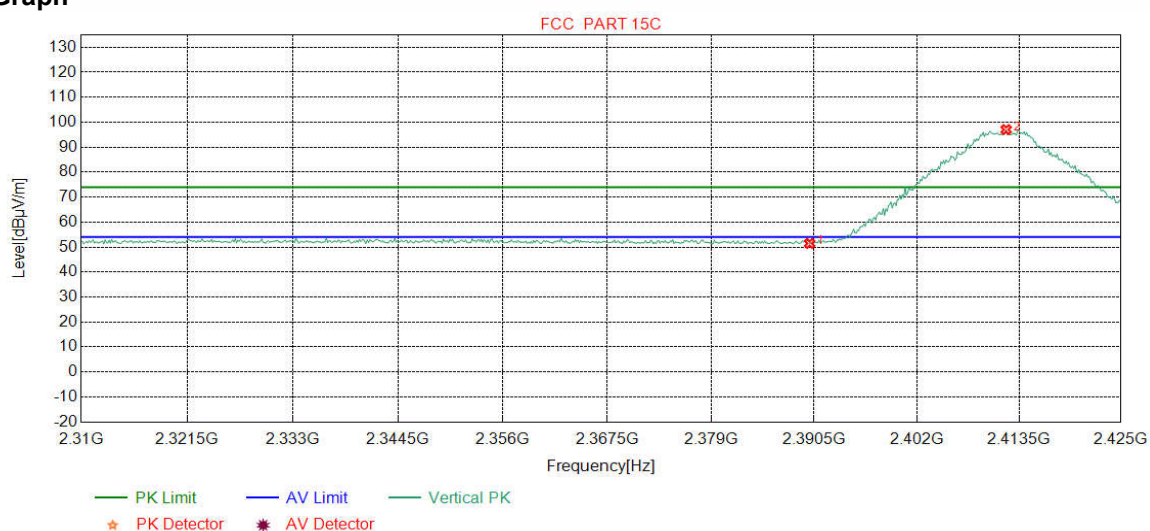
Test Graph



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	49.28	51.78	74.00	22.22	Pass	Horizontal
2	2409.8874	32.27	13.35	-43.12	95.07	97.57	74.00	-23.57	Pass	Horizontal

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

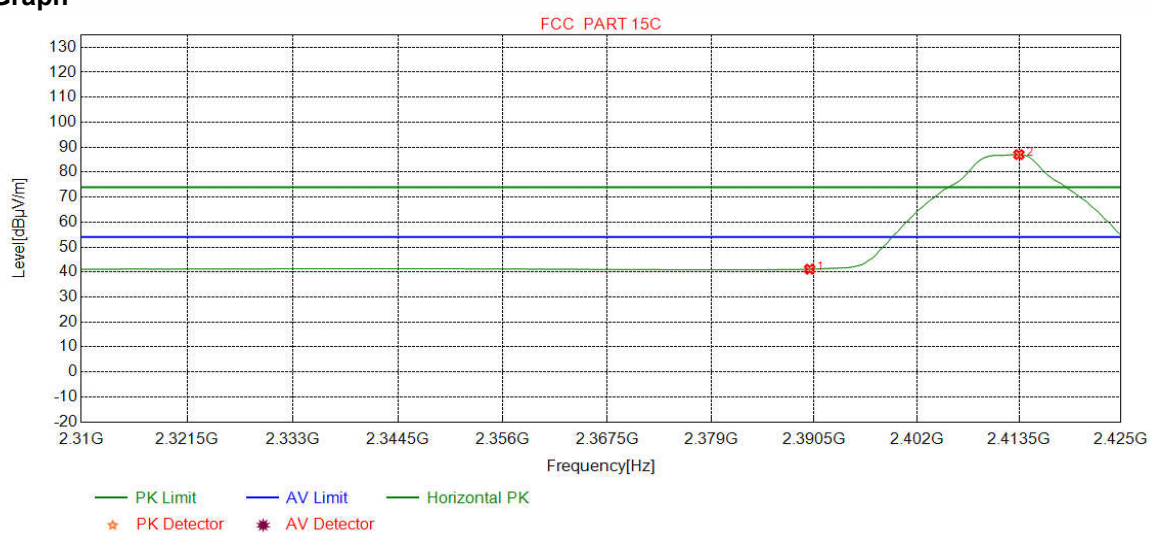
Test Graph



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	48.96	51.46	74.00	22.54	Pass	Vertical
2	2412.0463	32.28	13.36	-43.13	94.53	97.04	74.00	-23.04	Pass	Vertical

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

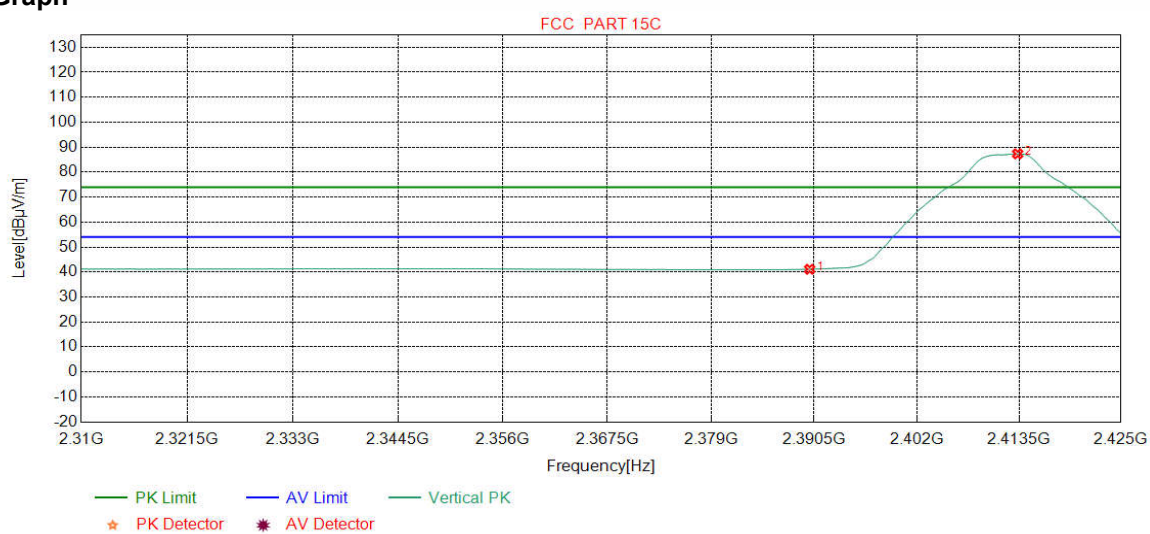
Test Graph



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	38.66	41.16	54.00	12.84	Pass	Horizontal
2	2413.4856	32.28	13.36	-43.12	84.51	87.03	54.00	-33.03	Pass	Horizontal

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

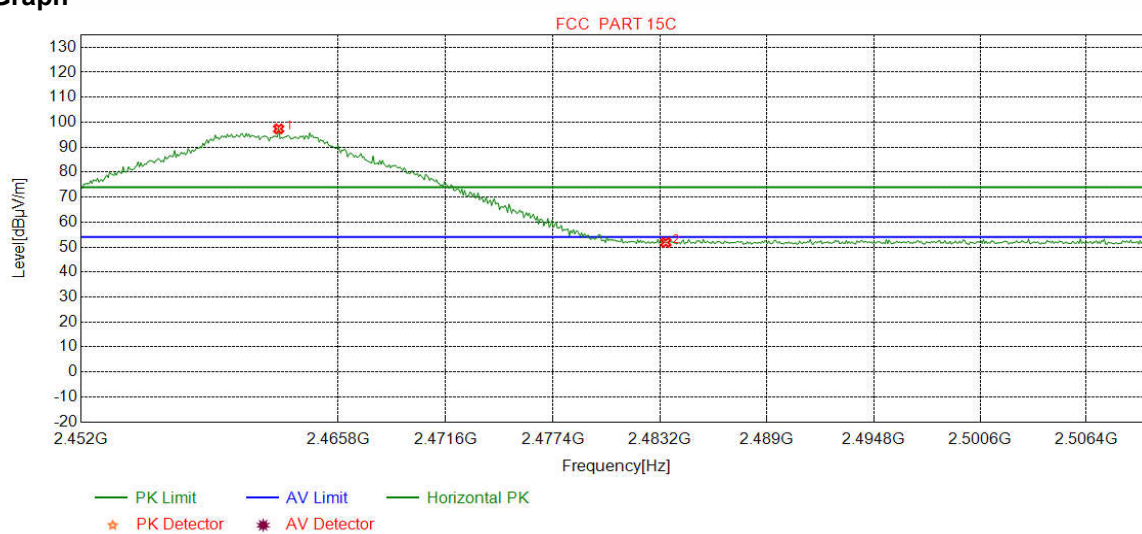
Test Graph



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	38.62	41.12	54.00	12.88	Pass	Vertical
2	2413.3417	32.28	13.36	-43.12	84.80	87.32	54.00	-33.32	Pass	Vertical

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

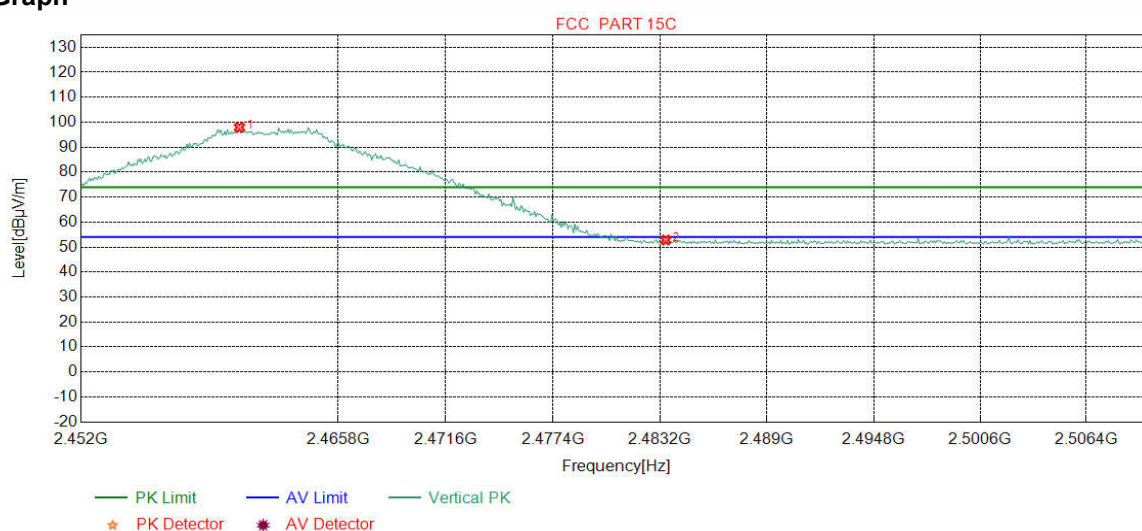
Test Graph



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	2462.5982	32.35	13.47	-43.11	94.61	97.32	74.00	-23.32	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.18	51.83	74.00	22.17	Pass	Horizontal

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

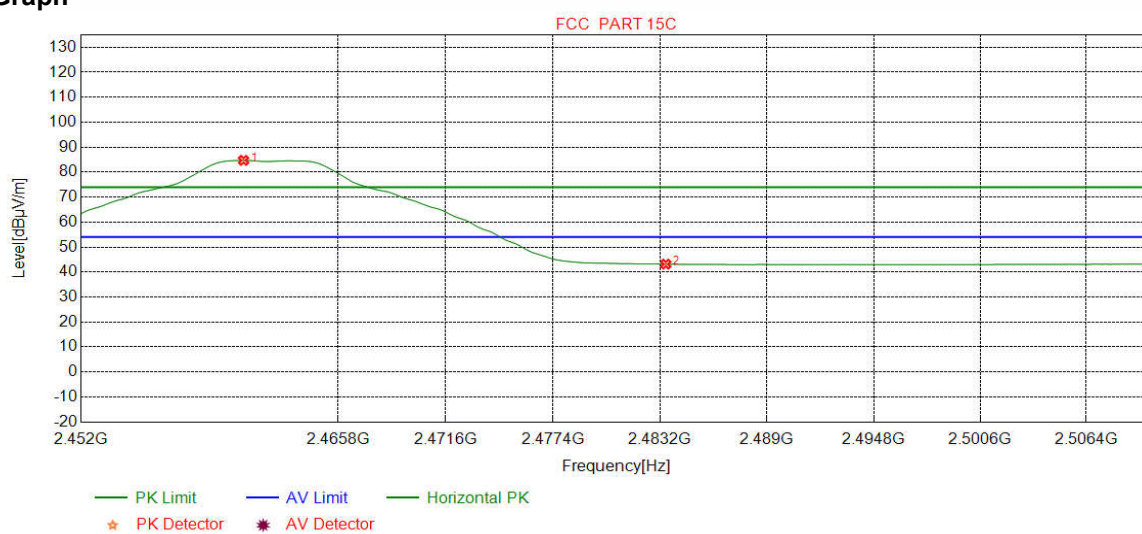
Test Graph



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	2460.4931	32.34	13.48	-43.10	95.17	97.89	74.00	-23.89	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	50.16	52.81	74.00	21.19	Pass	Vertical

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

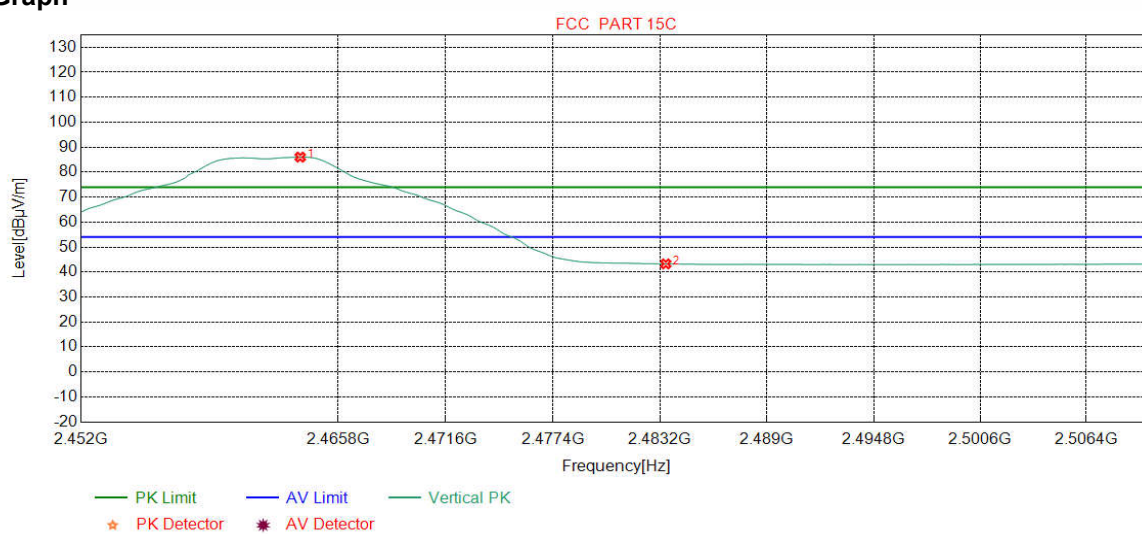
Test Graph



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	2460.7109	32.34	13.48	-43.10	82.01	84.73	54.00	-30.73	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.52	43.17	54.00	10.83	Pass	Horizontal

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

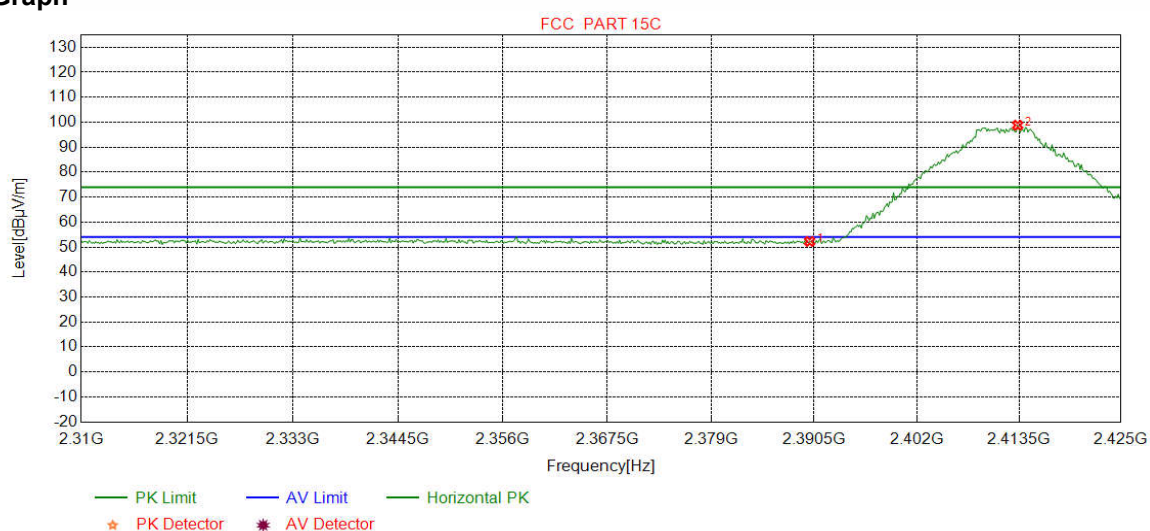
Test Graph



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	2463.7597	32.35	13.47	-43.11	83.31	86.02	54.00	-32.02	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.61	43.26	54.00	10.74	Pass	Vertical

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

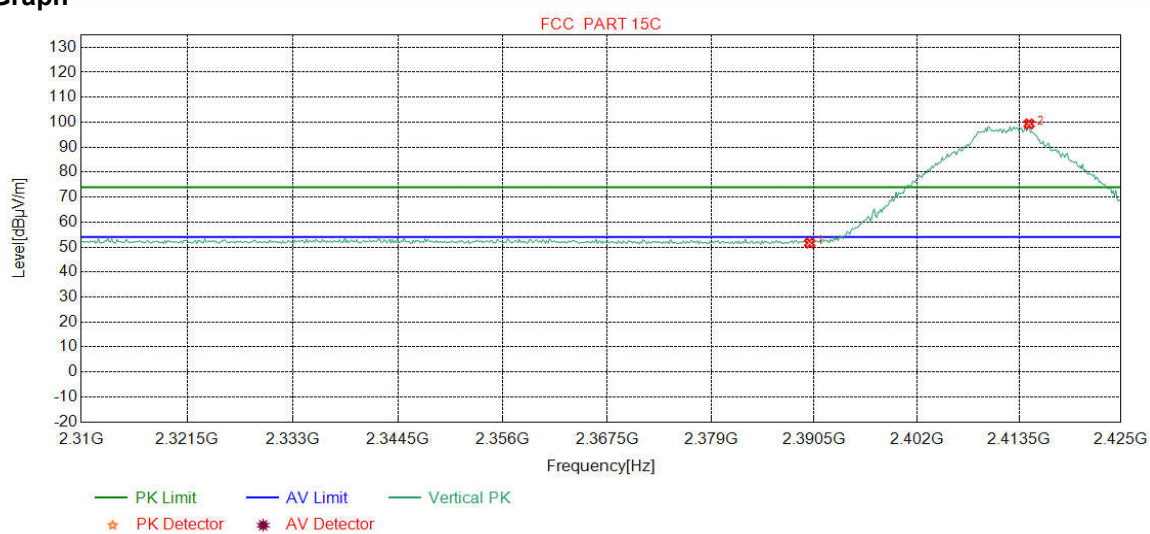
Test Graph



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	49.75	52.25	74.00	21.75	Pass	Horizontal
2	2413.3417	32.28	13.36	-43.12	96.27	98.79	74.00	-24.79	Pass	Horizontal

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

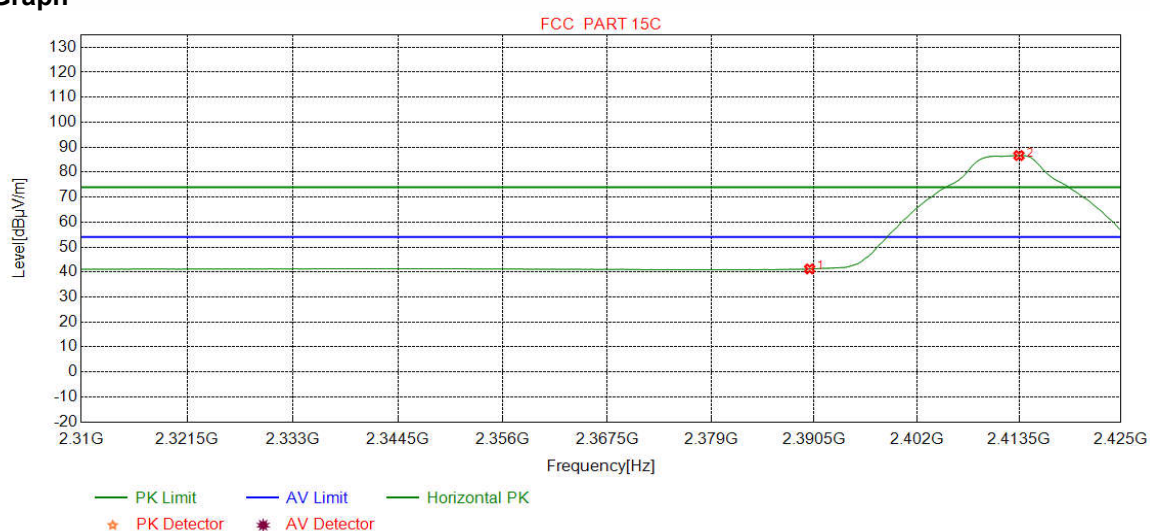
Test Graph



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	2414.6370	32.28	13.37	-43.12	96.77	99.30	74.00	-25.30	Pass	Vertical

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

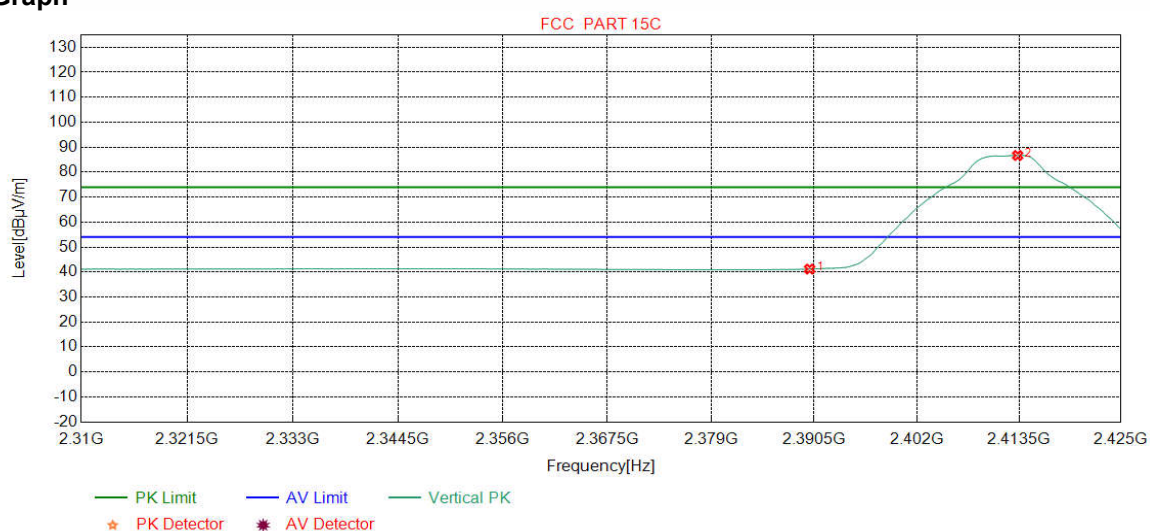
Test Graph



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	38.74	41.24	54.00	12.76	Pass	Horizontal
2	2413.4856	32.28	13.36	-43.12	84.12	86.64	54.00	-32.64	Pass	Horizontal

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

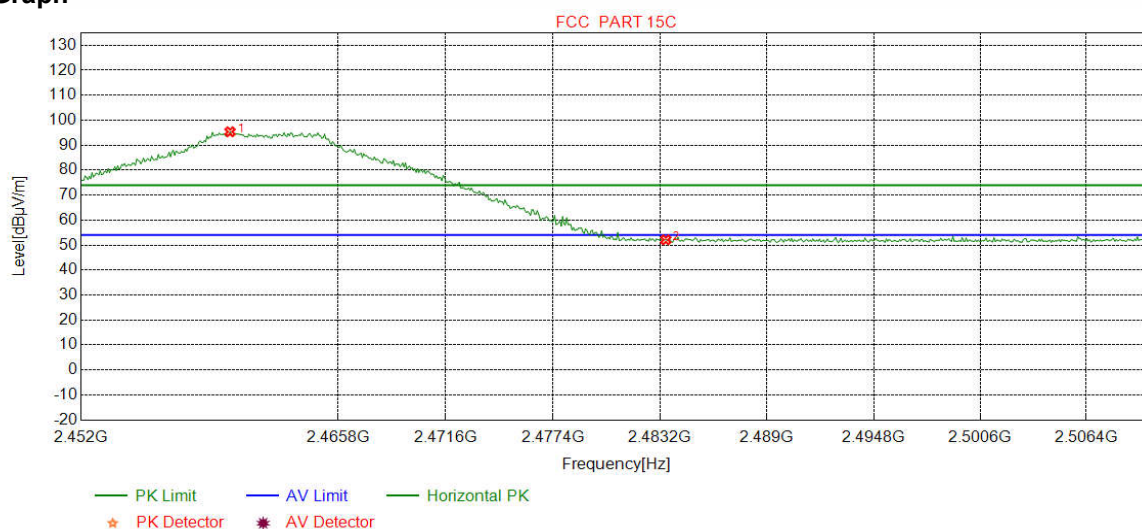
Test Graph



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	38.68	41.18	54.00	12.82	Pass	Vertical
2	2413.3417	32.28	13.36	-43.12	84.16	86.68	54.00	-32.68	Pass	Vertical

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

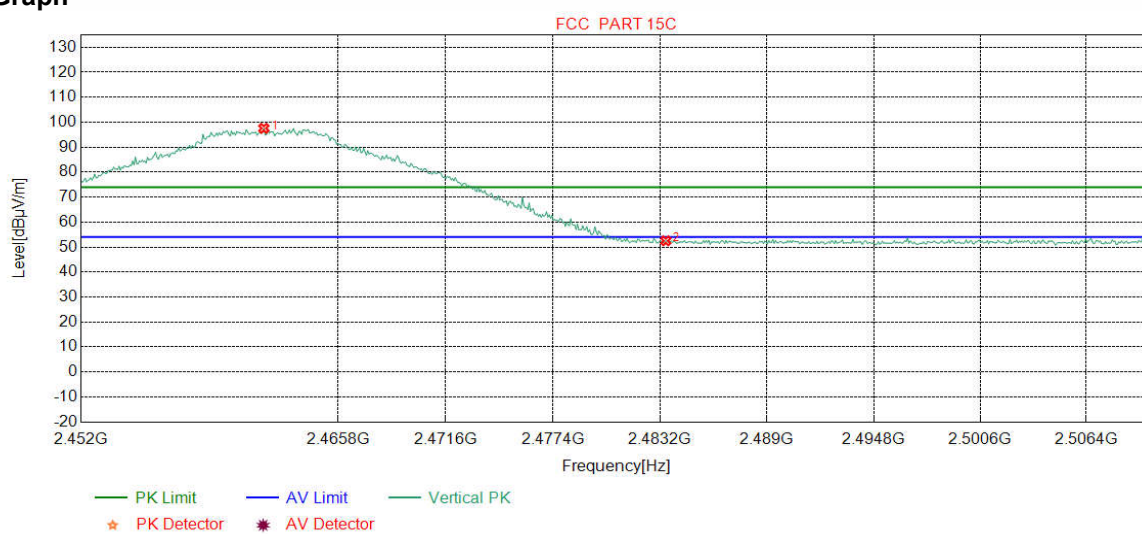
Test Graph



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	2459.9850	32.34	13.48	-43.10	92.64	95.36	74.00	-21.36	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.45	52.10	74.00	21.90	Pass	Horizontal

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

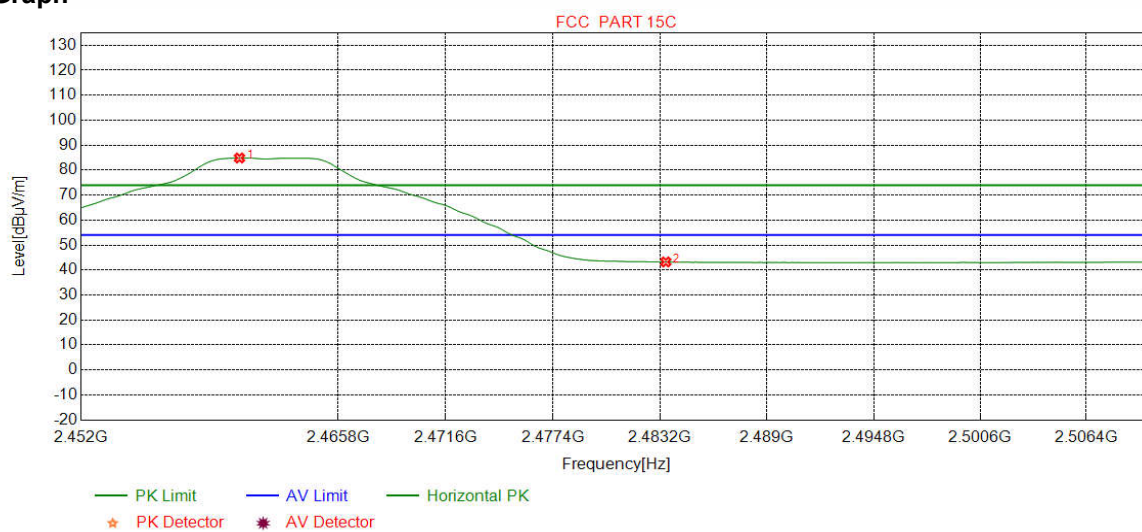
Test Graph



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	2461.7998	32.35	13.48	-43.12	94.83	97.54	74.00	-23.54	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.87	52.52	74.00	21.48	Pass	Vertical

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

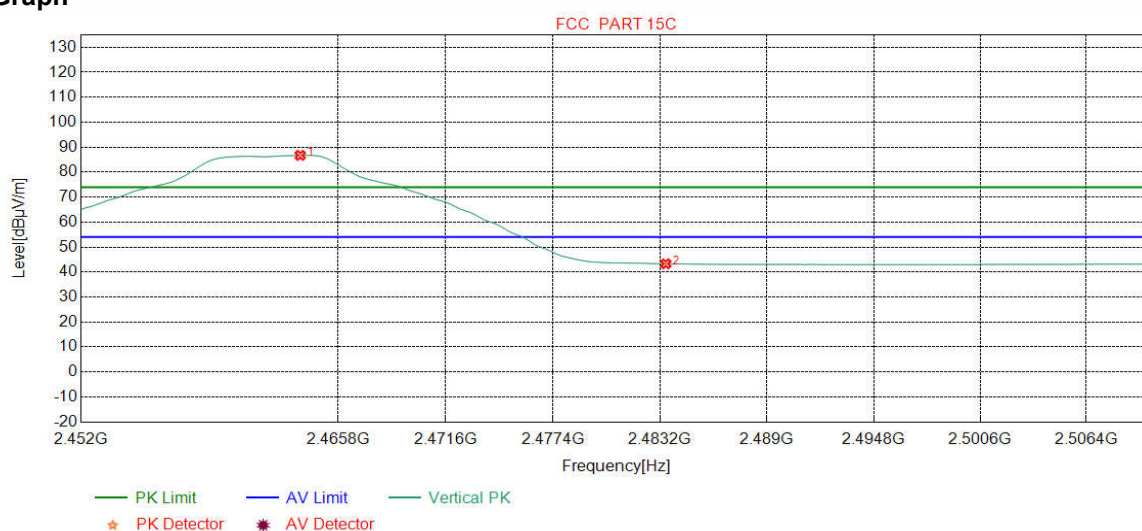
Test Graph



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	2460.4931	32.34	13.48	-43.10	82.14	84.86	54.00	-30.86	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.59	43.24	54.00	10.76	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	2463.7597	32.35	13.47	-43.11	84.01	86.72	54.00	-32.72	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.65	43.30	54.00	10.70	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; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20), 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 chamber. 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	76.4676	7.77	1.02	-31.95	56.36	33.20	40.00	6.80	Pass	H
2	102.9513	10.97	1.19	-31.95	50.75	30.96	43.50	12.54	Pass	H
3	199.7670	10.88	1.67	-31.91	48.18	28.82	43.50	14.68	Pass	H
4	489.7290	16.84	2.65	-31.90	39.05	26.64	46.00	19.36	Pass	H
5	600.0290	19.00	2.96	-31.50	42.59	33.05	46.00	12.95	Pass	H
6	959.9350	22.46	3.71	-31.09	43.70	38.78	46.00	7.22	Pass	H
7	57.2597	12.04	0.87	-31.89	49.93	30.95	40.00	9.05	Pass	V
8	98.7799	10.80	1.16	-31.92	46.79	26.83	43.50	16.67	Pass	V
9	205.6846	11.05	1.70	-31.93	44.02	24.84	43.50	18.66	Pass	V
10	304.0524	13.29	2.07	-31.60	39.41	23.17	46.00	22.83	Pass	V
11	600.0290	19.00	2.96	-31.50	42.29	32.75	46.00	13.25	Pass	V
12	899.9830	22.10	3.60	-31.40	46.03	40.33	46.00	5.67	Pass	V

Transmitter Emission above 1GHz

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
1	1332.4332	28.23	2.80	-42.75	55.95	44.23	74.00	29.77	Pass	H
2	1999.2999	31.70	3.47	-43.20	52.45	44.42	74.00	29.58	Pass	H
3	2907.1907	33.05	4.38	-43.10	52.34	46.67	74.00	27.33	Pass	H
4	4824.0000	34.50	4.61	-42.80	46.78	43.09	74.00	30.91	Pass	H
5	7236.0000	36.34	5.79	-42.16	46.60	46.57	74.00	27.43	Pass	H
6	9648.0000	37.66	6.72	-42.10	45.89	48.17	74.00	25.83	Pass	H
7	1333.4333	28.23	2.80	-42.75	63.57	51.85	74.00	22.15	Pass	V
8	1998.0998	31.69	3.47	-43.20	59.59	51.55	74.00	22.45	Pass	V
9	3760.0507	33.61	4.35	-43.05	50.68	45.59	74.00	28.41	Pass	V
10	4824.0000	34.50	4.61	-42.80	47.32	43.63	74.00	30.37	Pass	V
11	7236.0000	36.34	5.79	-42.16	47.11	47.08	74.00	26.92	Pass	V
12	9648.0000	37.66	6.72	-42.10	47.85	50.13	74.00	23.87	Pass	V

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
1	1332.0332	28.23	2.79	-42.74	55.42	43.70	74.00	30.30	Pass	H
2	1997.6998	31.68	3.47	-43.19	52.16	44.12	74.00	29.88	Pass	H
3	3101.0067	33.24	4.72	-43.10	50.00	44.86	74.00	29.14	Pass	H
4	4874.0000	34.50	4.78	-42.80	46.62	43.10	74.00	30.90	Pass	H
5	7311.0000	36.41	5.85	-42.14	45.70	45.82	74.00	28.18	Pass	H
6	9748.0000	37.70	6.77	-42.10	47.11	49.48	74.00	24.52	Pass	H
7	1327.6328	28.23	2.79	-42.76	62.39	50.65	74.00	23.35	Pass	V
8	1996.8997	31.68	3.47	-43.20	59.67	51.62	74.00	22.38	Pass	V
9	4151.0767	34.01	4.51	-42.94	49.87	45.45	74.00	28.55	Pass	V
10	4874.0000	34.50	4.78	-42.80	47.95	44.43	74.00	29.57	Pass	V
11	7311.0000	36.41	5.85	-42.14	45.66	45.78	74.00	28.22	Pass	V
12	9748.0000	37.70	6.77	-42.10	48.13	50.50	74.00	23.50	Pass	V

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
1	1332.4332	28.23	2.80	-42.75	56.20	44.48	74.00	29.52	Pass	H
2	1996.2996	31.68	3.47	-43.20	51.96	43.91	74.00	30.09	Pass	H
3	4439.0959	34.41	4.77	-42.82	50.59	46.95	74.00	27.05	Pass	H
4	4924.0000	34.50	4.85	-42.80	47.52	44.07	74.00	29.93	Pass	H
5	7386.0000	36.49	5.85	-42.13	46.41	46.62	74.00	27.38	Pass	H
6	9848.0000	37.74	6.83	-42.10	46.43	48.90	74.00	25.10	Pass	H
7	1329.0329	28.23	2.79	-42.75	62.28	50.55	74.00	23.45	Pass	V
8	1999.5000	31.70	3.47	-43.20	61.37	53.34	74.00	20.66	Pass	V
9	2924.9925	33.08	4.39	-43.10	51.52	45.89	74.00	28.11	Pass	V
10	4924.0000	34.50	4.85	-42.80	49.36	45.91	74.00	28.09	Pass	V
11	7386.0000	36.49	5.85	-42.13	46.22	46.43	74.00	27.57	Pass	V
12	9848.0000	37.74	6.83	-42.10	46.01	48.48	74.00	25.52	Pass	V

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
1	1330.2330	28.23	2.79	-42.75	56.13	44.40	74.00	29.60	Pass	H
2	1997.6998	31.68	3.47	-43.19	54.06	46.02	74.00	27.98	Pass	H
3	2918.5919	33.07	4.39	-43.10	50.87	45.23	74.00	28.77	Pass	H
4	4824.0000	34.50	4.61	-42.80	47.75	44.06	74.00	29.94	Pass	H
5	7236.0000	36.34	5.79	-42.16	46.35	46.32	74.00	27.68	Pass	H
6	9648.0000	37.66	6.72	-42.10	46.62	48.90	74.00	25.10	Pass	H
7	1330.6331	28.23	2.79	-42.75	61.15	49.42	74.00	24.58	Pass	V
8	1998.2998	31.69	3.47	-43.20	60.74	52.70	74.00	21.30	Pass	V
9	3216.0144	33.29	4.59	-43.11	50.72	45.49	74.00	28.51	Pass	V
10	4824.0000	34.50	4.61	-42.80	47.67	43.98	74.00	30.02	Pass	V
11	7236.0000	36.34	5.79	-42.16	46.57	46.54	74.00	27.46	Pass	V
12	9648.0000	37.66	6.72	-42.10	46.32	48.60	74.00	25.40	Pass	V

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	1329.0329	28.23	2.79	-42.75	56.38	44.65	74.00	29.35	Pass	H
2	1954.2954	31.40	3.42	-43.09	51.66	43.39	74.00	30.61	Pass	H
3	3054.0036	33.22	4.82	-43.10	50.94	45.88	74.00	28.12	Pass	H
4	4874.0000	34.50	4.78	-42.80	48.82	45.30	74.00	28.70	Pass	H
5	7311.0000	36.41	5.85	-42.14	46.60	46.72	74.00	27.28	Pass	H
6	9748.0000	37.70	6.77	-42.10	47.84	50.21	74.00	23.79	Pass	H
7	1329.6330	28.23	2.79	-42.75	62.21	50.48	74.00	23.52	Pass	V
8	1992.6993	31.65	3.46	-43.18	59.29	51.22	74.00	22.78	Pass	V
9	4060.0707	33.88	4.33	-42.97	49.87	45.11	74.00	28.89	Pass	V
10	4874.0000	34.50	4.78	-42.80	46.72	43.20	74.00	30.80	Pass	V
11	7311.0000	36.41	5.85	-42.14	45.62	45.74	74.00	28.26	Pass	V
12	9748.0000	37.70	6.77	-42.10	48.43	50.80	74.00	23.20	Pass	V

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
1	1332.8333	28.23	2.80	-42.75	56.20	44.48	74.00	29.52	Pass	H
2	1999.0999	31.69	3.47	-43.19	53.59	45.56	74.00	28.44	Pass	H
3	4125.0750	33.98	4.42	-42.96	49.29	44.73	74.00	29.27	Pass	H
4	4924.0000	34.50	4.85	-42.80	48.08	44.63	74.00	29.37	Pass	H
5	7386.0000	36.49	5.85	-42.13	48.27	48.48	74.00	25.52	Pass	H
6	9848.0000	37.74	6.83	-42.10	46.58	49.05	74.00	24.95	Pass	H
7	1332.0332	28.23	2.79	-42.74	61.98	50.26	74.00	23.74	Pass	V
8	1993.8994	31.66	3.46	-43.18	59.30	51.24	74.00	22.76	Pass	V
9	3781.0521	33.62	4.36	-43.04	50.32	45.26	74.00	28.74	Pass	V
10	4924.0000	34.50	4.85	-42.80	47.60	44.15	74.00	29.85	Pass	V
11	7386.0000	36.49	5.85	-42.13	46.68	46.89	74.00	27.11	Pass	V
12	9848.0000	37.74	6.83	-42.10	46.57	49.04	74.00	24.96	Pass	V

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	1327.8328	28.23	2.79	-42.76	57.46	45.72	74.00	28.28	Pass	H
2	1999.7000	31.70	3.47	-43.20	53.81	45.78	74.00	28.22	Pass	H
3	3216.0144	33.29	4.59	-43.11	50.24	45.01	74.00	28.99	Pass	H
4	4824.0000	34.50	4.61	-42.80	47.33	43.64	74.00	30.36	Pass	H
5	7236.0000	36.34	5.79	-42.16	46.92	46.89	74.00	27.11	Pass	H
6	9648.0000	37.66	6.72	-42.10	46.20	48.48	74.00	25.52	Pass	H
7	1332.0332	28.23	2.79	-42.74	62.33	50.61	74.00	23.39	Pass	V
8	1999.9000	31.70	3.47	-43.20	59.66	51.63	74.00	22.37	Pass	V
9	3058.0039	33.22	4.81	-43.09	50.94	45.88	74.00	28.12	Pass	V
10	4824.0000	34.50	4.61	-42.80	47.47	43.78	74.00	30.22	Pass	V
11	7236.0000	36.34	5.79	-42.16	46.22	46.19	74.00	27.81	Pass	V
12	9648.0000	37.66	6.72	-42.10	46.77	49.05	74.00	24.95	Pass	V

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
1	1327.2327	28.23	2.79	-42.76	57.00	45.26	74.00	28.74	Pass	H
2	1991.0991	31.64	3.46	-43.18	52.50	44.42	74.00	29.58	Pass	H
3	2925.5926	33.08	4.39	-43.10	51.05	45.42	74.00	28.58	Pass	H
4	4874.0000	34.50	4.78	-42.80	48.39	44.87	74.00	29.13	Pass	H
5	7311.0000	36.41	5.85	-42.14	46.39	46.51	74.00	27.49	Pass	H
6	9748.0000	37.70	6.77	-42.10	46.71	49.08	74.00	24.92	Pass	H
7	1329.0329	28.23	2.79	-42.75	61.55	49.82	74.00	24.18	Pass	V
8	1997.4998	31.68	3.47	-43.19	59.34	51.30	74.00	22.70	Pass	V
9	3063.0042	33.23	4.80	-43.10	50.48	45.41	74.00	28.59	Pass	V
10	4874.0000	34.50	4.78	-42.80	46.74	43.22	74.00	30.78	Pass	V
11	7311.0000	36.41	5.85	-42.14	46.76	46.88	74.00	27.12	Pass	V
12	9748.0000	37.70	6.77	-42.10	46.78	49.15	74.00	24.85	Pass	V

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
1	1329.8330	28.23	2.79	-42.75	56.11	44.38	74.00	29.62	Pass	H
2	1999.0999	31.69	3.47	-43.19	54.51	46.48	74.00	27.52	Pass	H
3	3931.0621	33.74	4.34	-43.01	50.47	45.54	74.00	28.46	Pass	H
4	4924.0000	34.50	4.85	-42.80	46.87	43.42	74.00	30.58	Pass	H
5	7386.0000	36.49	5.85	-42.13	46.15	46.36	74.00	27.64	Pass	H
6	9848.0000	37.74	6.83	-42.10	46.19	48.66	74.00	25.34	Pass	H
7	1328.6329	28.23	2.79	-42.76	61.87	50.13	74.00	23.87	Pass	V
8	1998.6999	31.69	3.47	-43.20	57.52	49.48	74.00	24.52	Pass	V
9	3928.0619	33.74	4.34	-43.01	50.07	45.14	74.00	28.86	Pass	V
10	4924.0000	34.50	4.85	-42.80	48.20	44.75	74.00	29.25	Pass	V
11	7386.0000	36.49	5.85	-42.13	47.02	47.23	74.00	26.77	Pass	V
12	9848.0000	37.74	6.83	-42.10	46.48	48.95	74.00	25.05	Pass	V

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), 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.