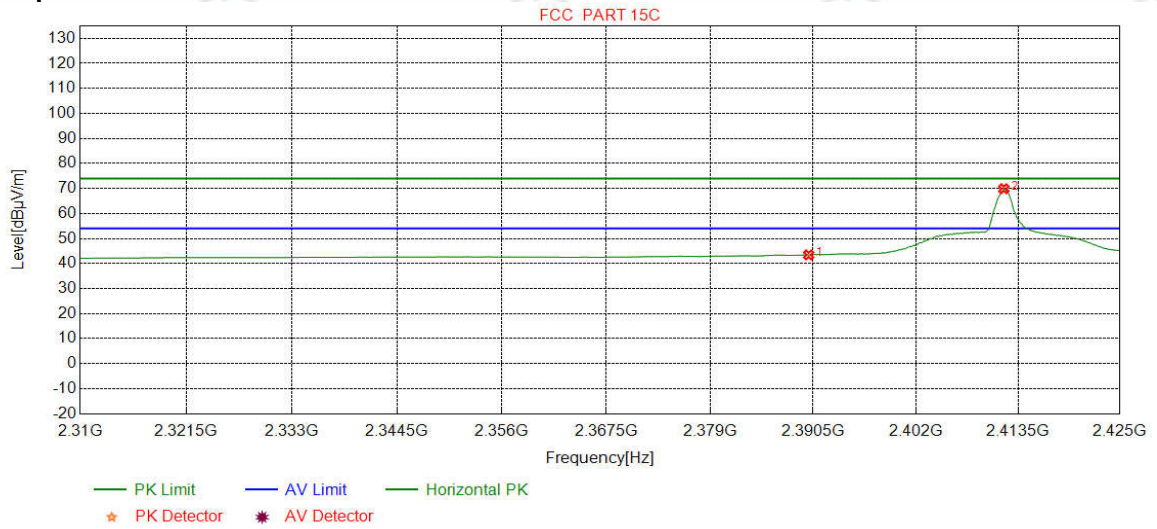


Mode:	802.11 b(11Mbps) Transmitting	Channel:	2412
Remark:	AV		

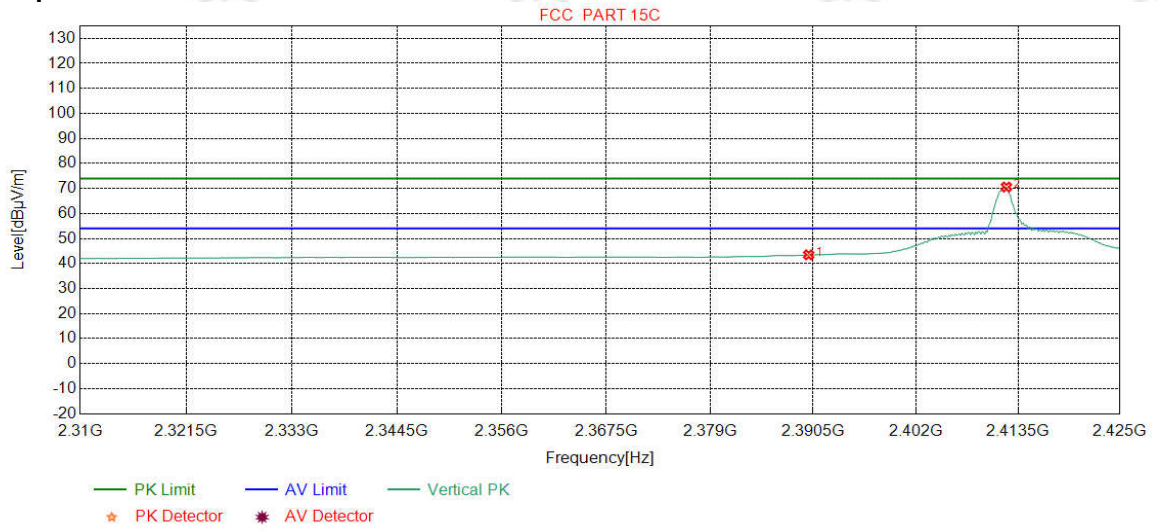
Test Graph



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	-42.44	40.27	43.45	54.00	10.55	Pass	Horizontal
2	2411.9024	32.28	13.35	-42.43	66.70	69.90	54.00	-15.90	Pass	Horizontal

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

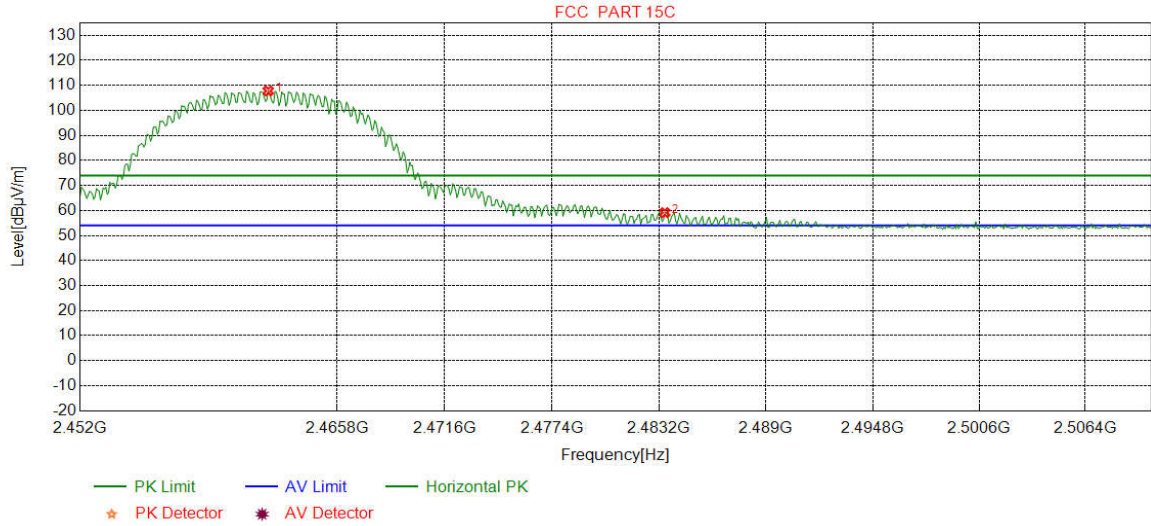
Test Graph



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	-42.44	40.30	43.48	54.00	10.52	Pass	Vertical
2	2412.1902	32.28	13.36	-42.44	67.37	70.57	54.00	-16.57	Pass	Vertical

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

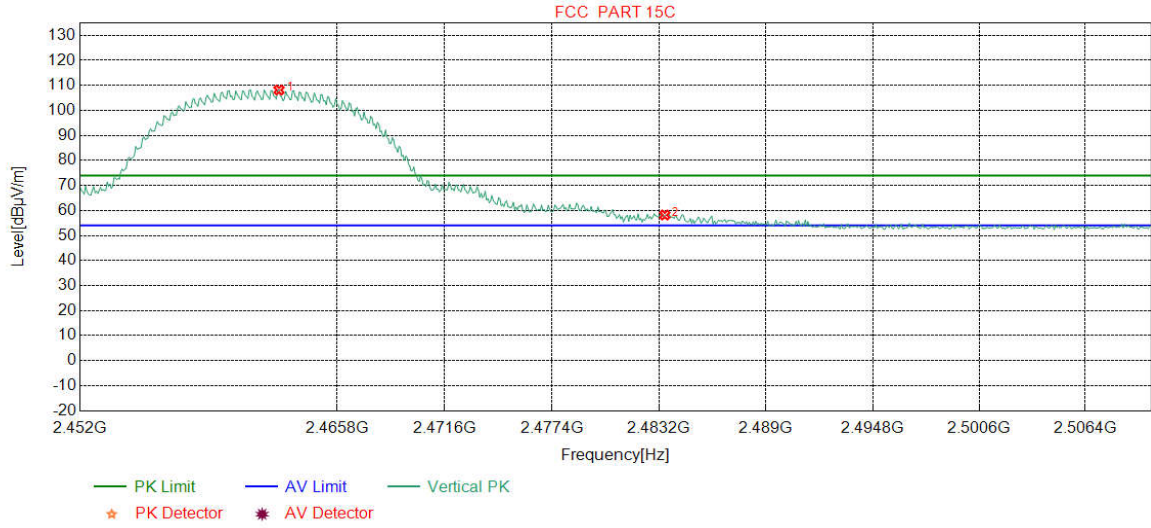
Test Graph



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	2462.0901	32.35	13.47	-42.41	104.37	107.78	74.00	-33.78	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	55.77	59.13	74.00	14.87	Pass	Horizontal

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

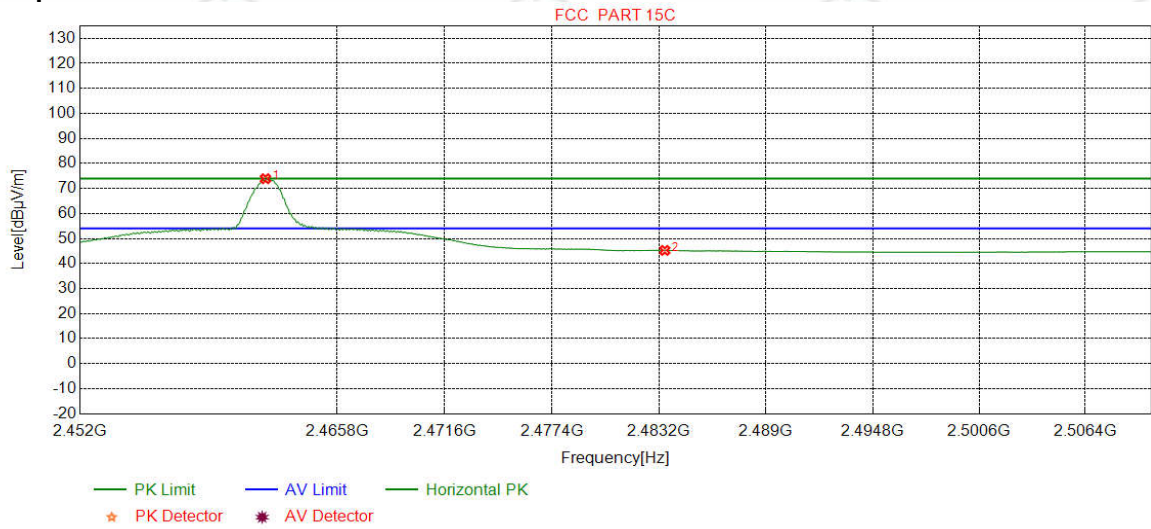
Test Graph



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	2462.6708	32.35	13.47	-42.41	104.74	108.15	74.00	-34.15	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	54.83	58.19	74.00	15.81	Pass	Vertical

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

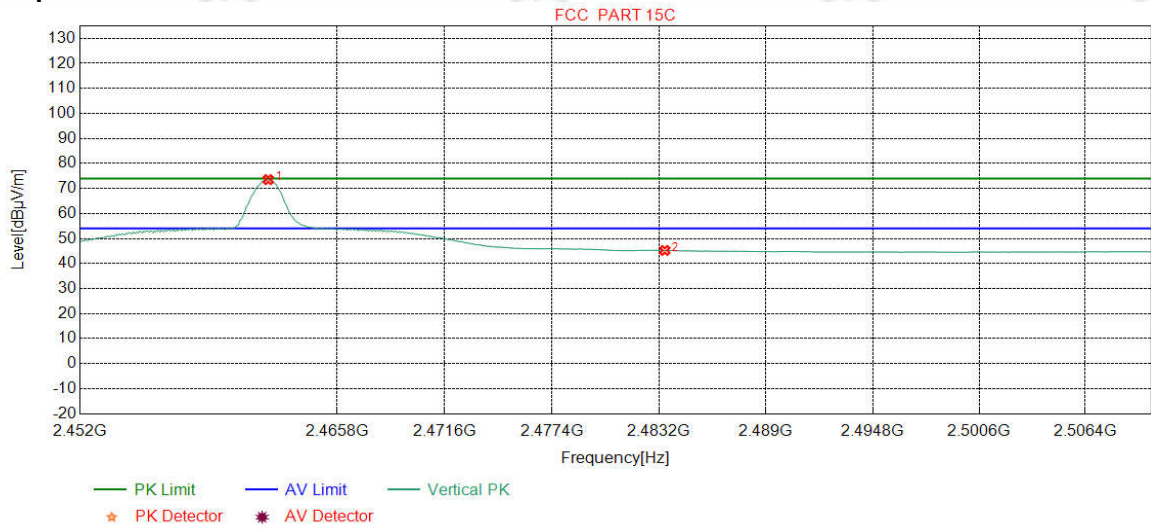
Test Graph



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	2461.9449	32.35	13.48	-42.41	70.48	73.90	54.00	-19.90	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	41.89	45.25	54.00	8.75	Pass	Horizontal

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

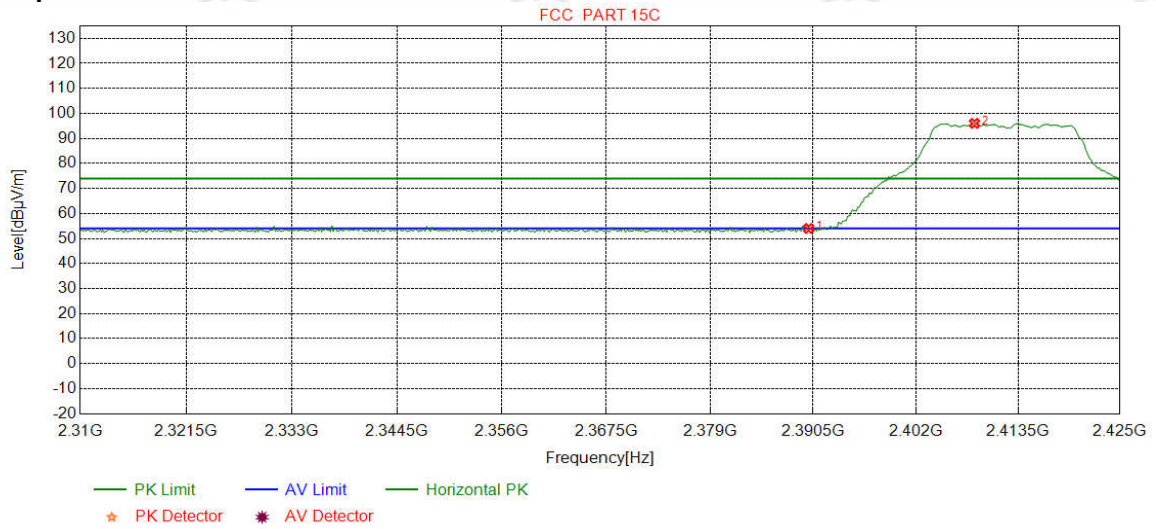
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBuV]	Level [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Result	Polarity
1	2462.0901	32.35	13.47	-42.41	70.11	73.52	54.00	-19.52	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	41.88	45.24	54.00	8.76	Pass	Vertical

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

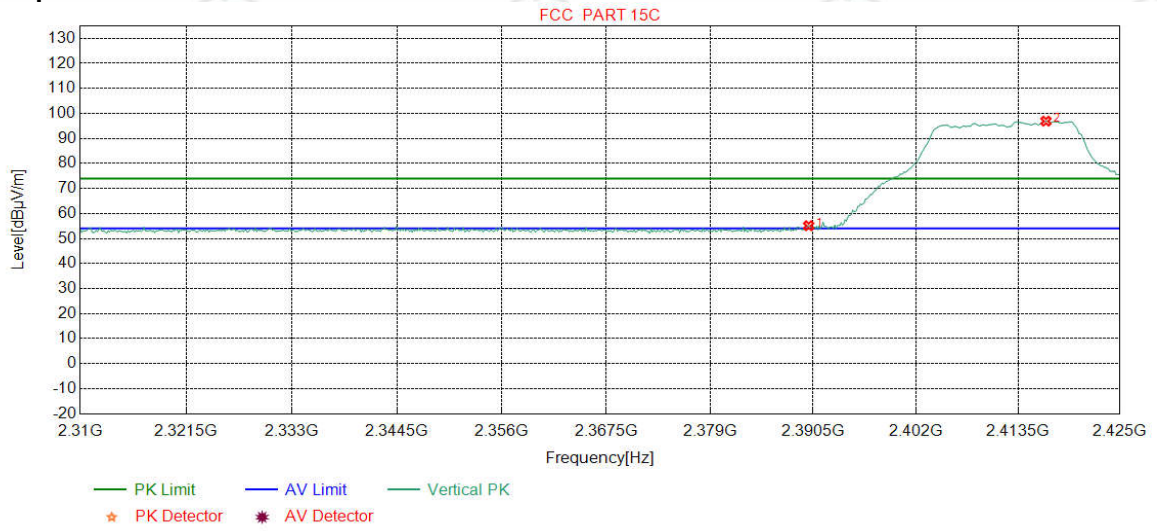
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBuV]	Level [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	50.82	54.00	74.00	20.00	Pass	Horizontal
2	2408.5920	32.27	13.34	-42.43	92.83	96.01	74.00	-22.01	Pass	Horizontal

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

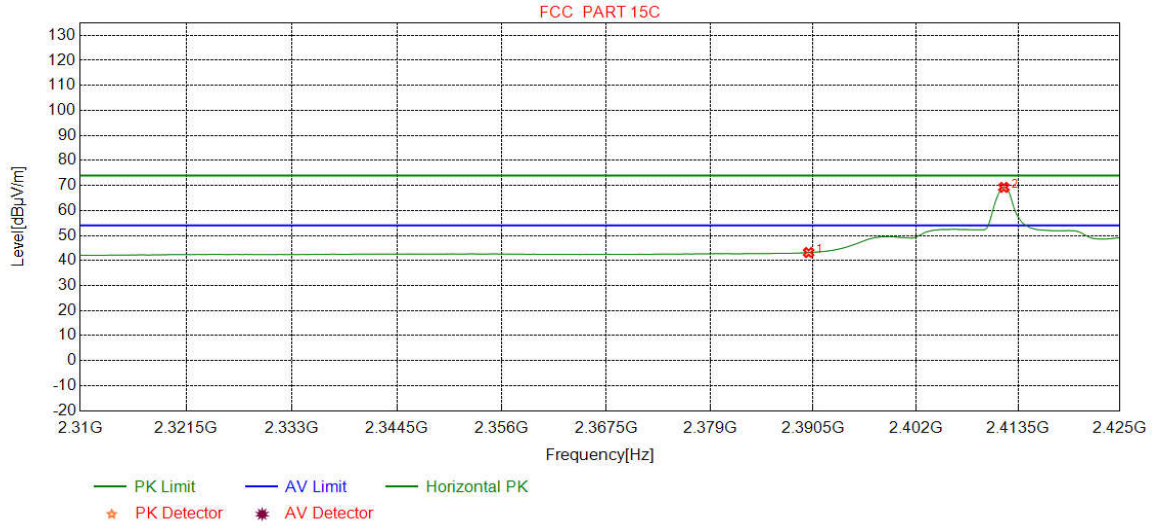
Test Graph



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	-42.44	51.93	55.11	74.00	18.89	Pass	Vertical
2	2416.6521	32.28	13.38	-42.43	93.68	96.91	74.00	-22.91	Pass	Vertical

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

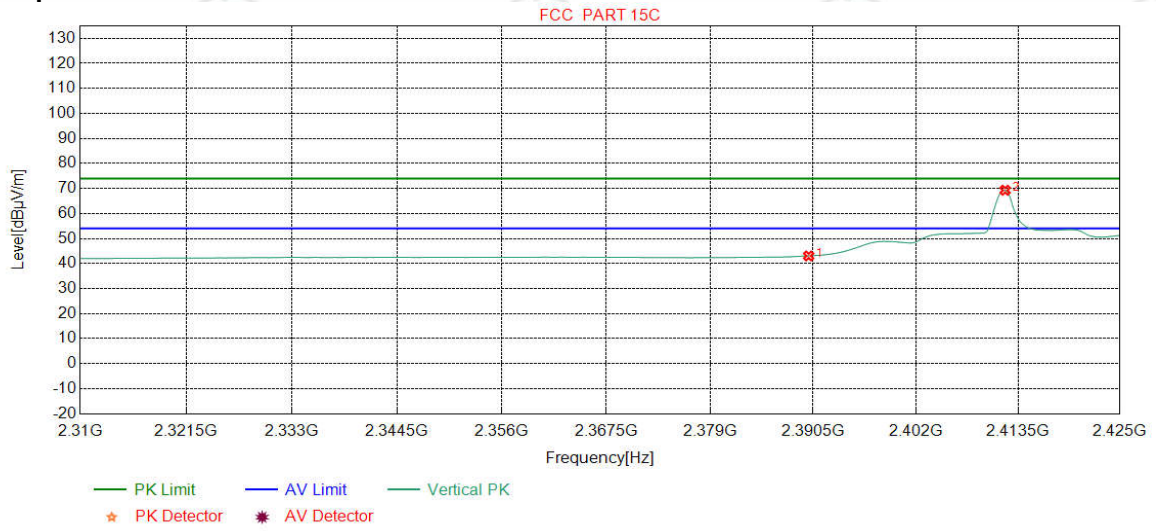
Test Graph



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	-42.44	40.02	43.20	54.00	10.80	Pass	Horizontal
2	2411.9024	32.28	13.35	-42.43	66.03	69.23	54.00	-15.23	Pass	Horizontal

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

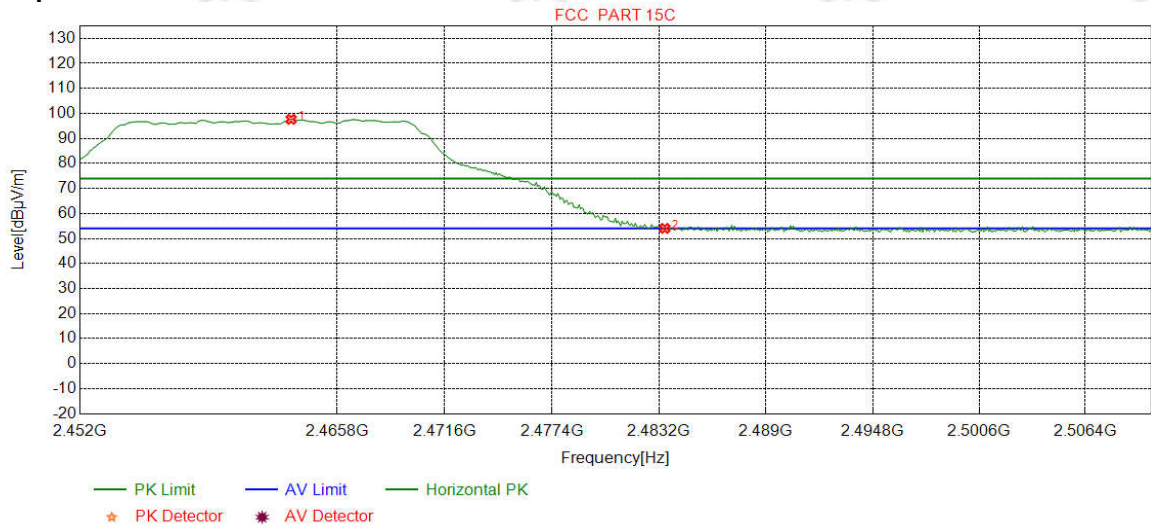
Test Graph



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	-42.44	39.86	43.04	54.00	10.96	Pass	Vertical
2	2412.0463	32.28	13.36	-42.44	66.09	69.29	54.00	-15.29	Pass	Vertical

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

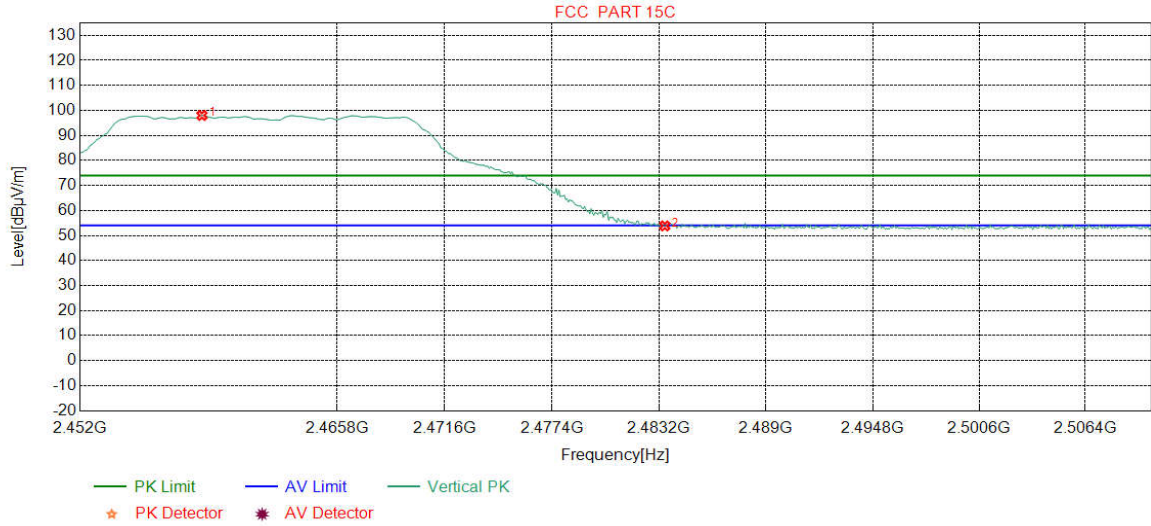
Test Graph



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	2463.3242	32.35	13.47	-42.41	94.22	97.63	74.00	-23.63	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	50.69	54.05	74.00	19.95	Pass	Horizontal

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

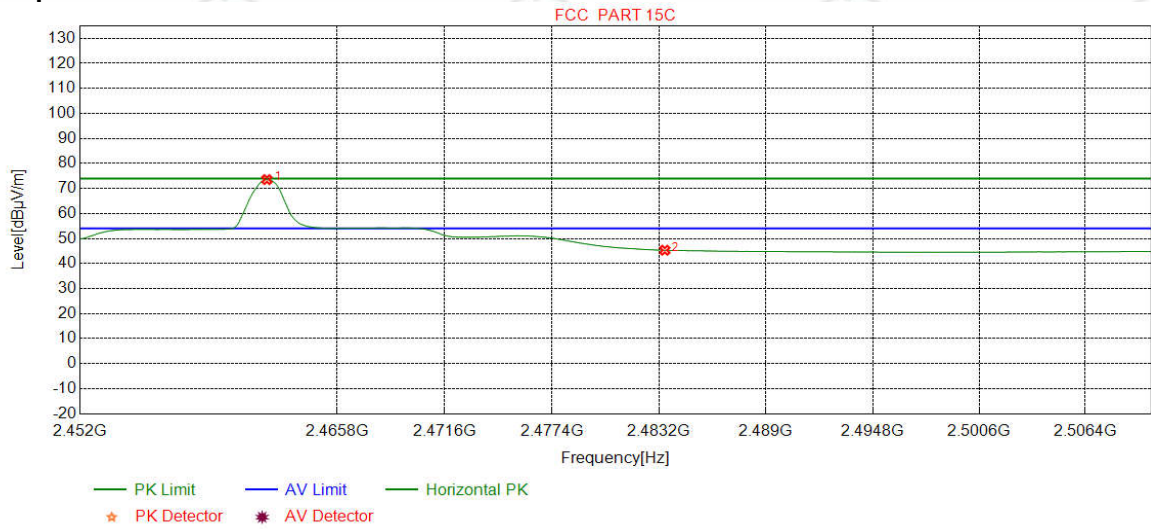
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2458.5332	32.34	13.49	-42.41	94.57	97.99	74.00	-23.99	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	50.46	53.82	74.00	20.18	Pass	Vertical

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

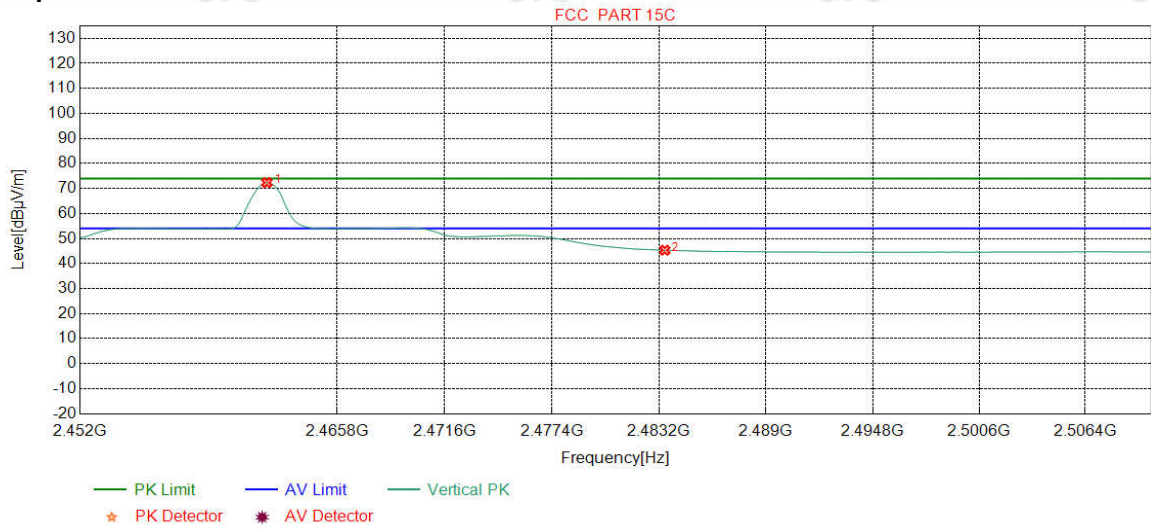
Test Graph



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	2462.0175	32.35	13.47	-42.41	70.13	73.54	54.00	-19.54	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	41.95	45.31	54.00	8.69	Pass	Horizontal

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

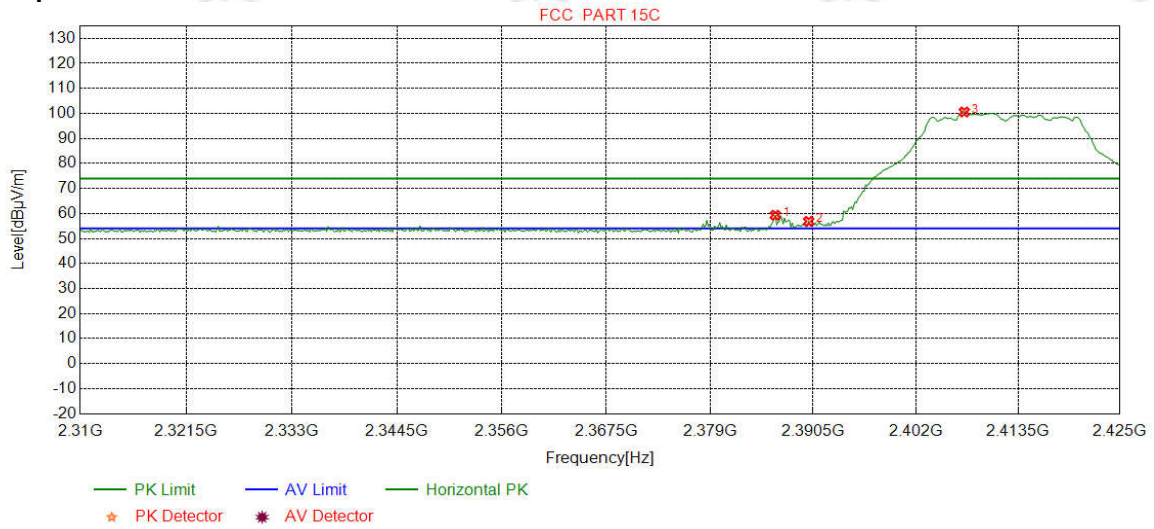
Test Graph



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	2462.0175	32.35	13.47	-42.41	68.93	72.34	54.00	-18.34	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	41.95	45.31	54.00	8.69	Pass	Vertical

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

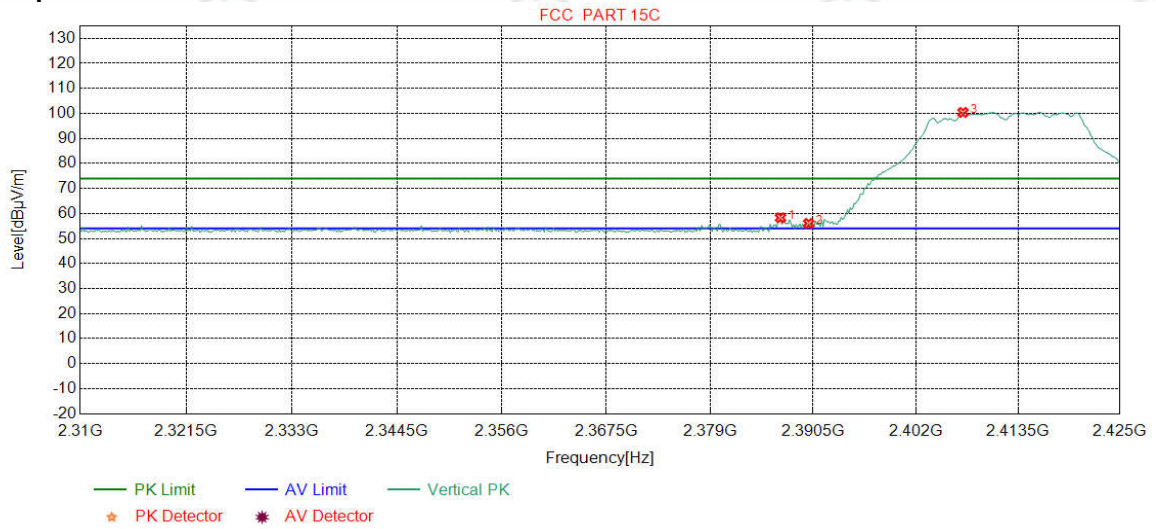
Test Graph



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	2386.2829	32.24	13.40	-42.44	56.09	59.29	74.00	14.71	Pass	Horizontal
2	2390.0000	32.25	13.37	-42.44	53.68	56.86	74.00	17.14	Pass	Horizontal
3	2407.4406	32.27	13.33	-42.43	97.41	100.58	74.00	-26.58	Pass	Horizontal

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

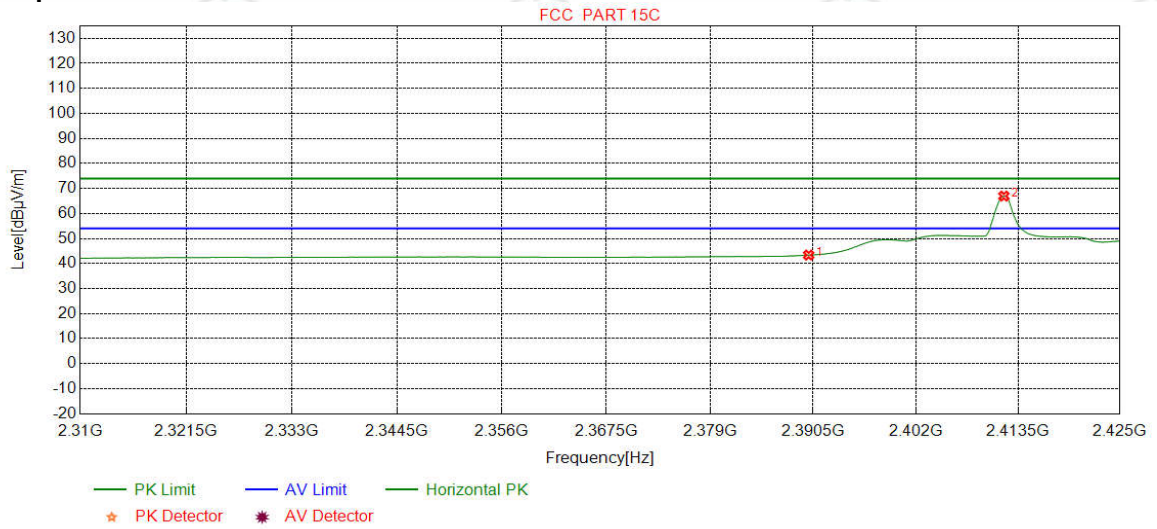
Test Graph



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	2386.8586	32.24	13.40	-42.44	55.10	58.30	74.00	15.70	Pass	Vertical
2	2390.0000	32.25	13.37	-42.44	52.85	56.03	74.00	17.97	Pass	Vertical
3	2407.2966	32.27	13.33	-42.43	97.23	100.40	74.00	-26.40	Pass	Vertical

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

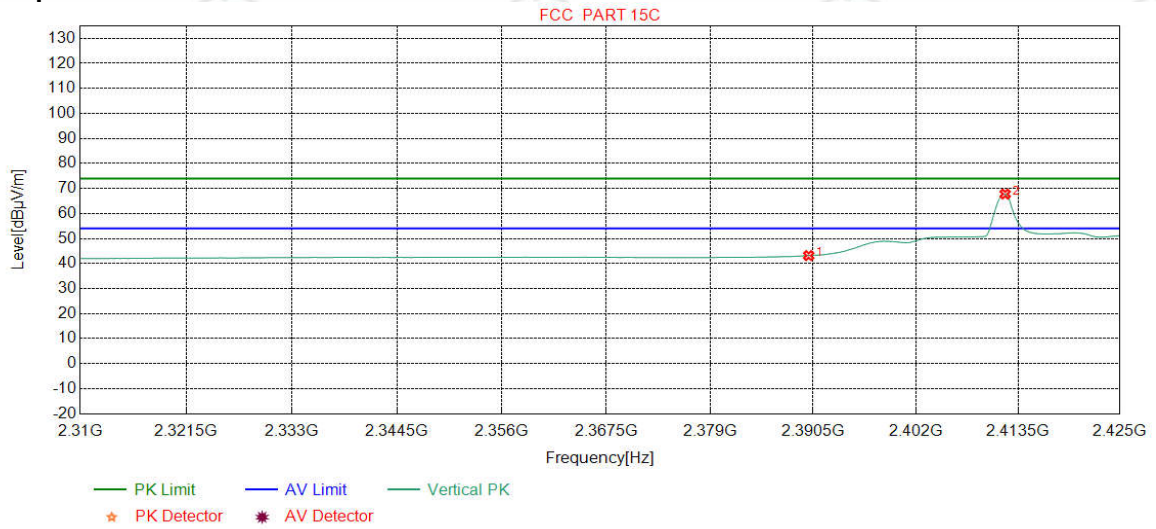
Test Graph



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	-42.44	40.20	43.38	54.00	10.62	Pass	Horizontal
2	2411.9024	32.28	13.35	-42.43	63.75	66.95	54.00	-12.95	Pass	Horizontal

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

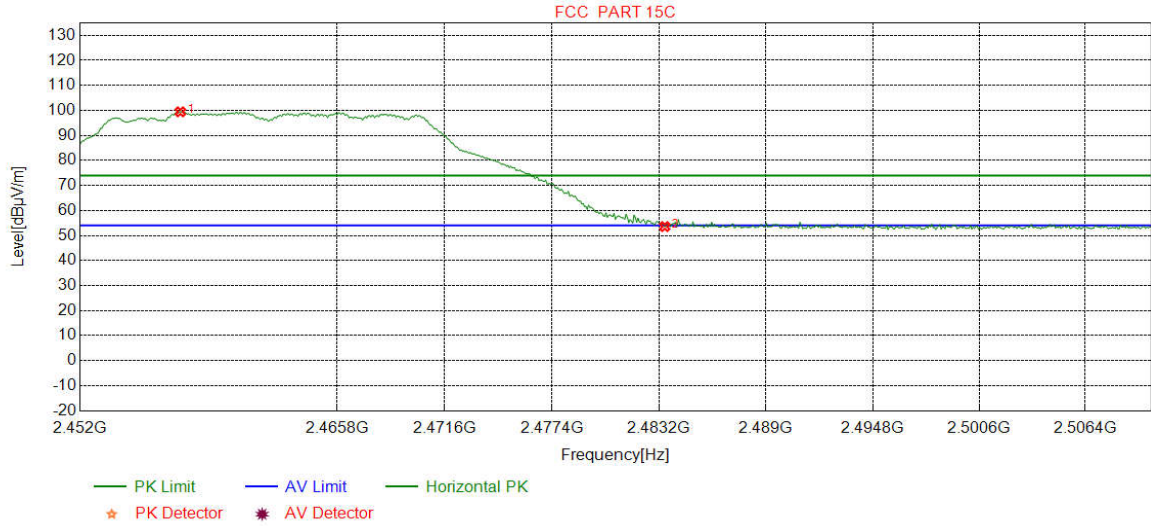
Test Graph



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	-42.44	39.99	43.17	54.00	10.83	Pass	Vertical
2	2412.0463	32.28	13.36	-42.44	64.57	67.77	54.00	-13.77	Pass	Vertical

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

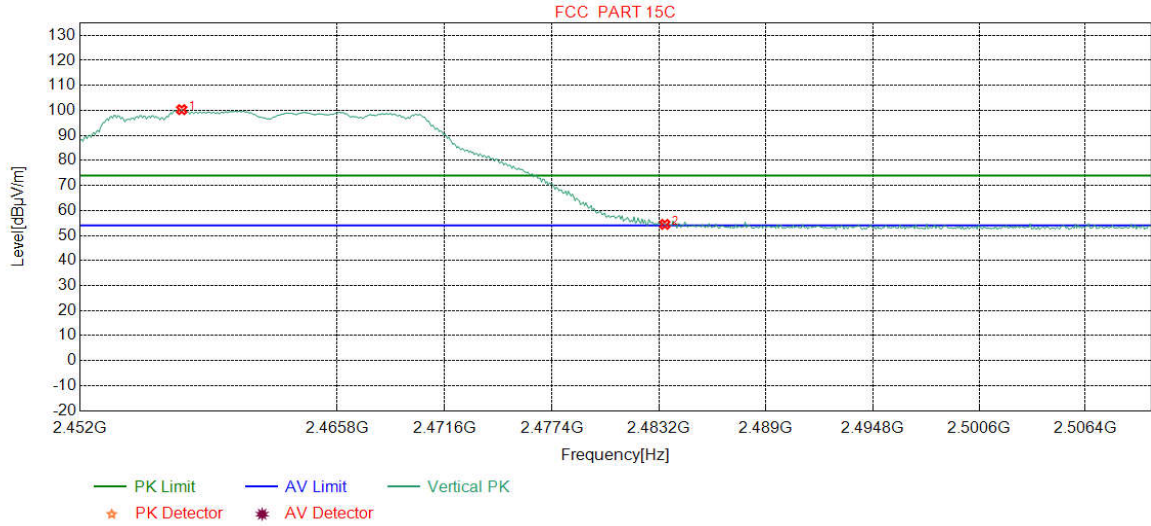
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2457.3717	32.34	13.50	-42.41	96.00	99.43	74.00	-25.43	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	50.20	53.56	74.00	20.44	Pass	Horizontal

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

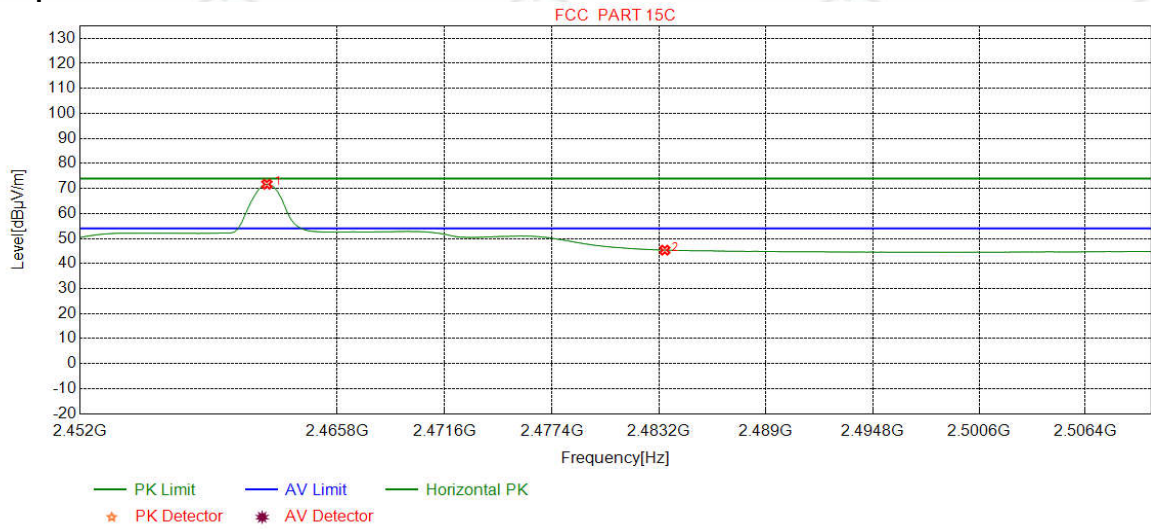
Test Graph



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	2457.4443	32.34	13.50	-42.41	96.88	100.31	74.00	-26.31	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	51.10	54.46	74.00	19.54	Pass	Vertical

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

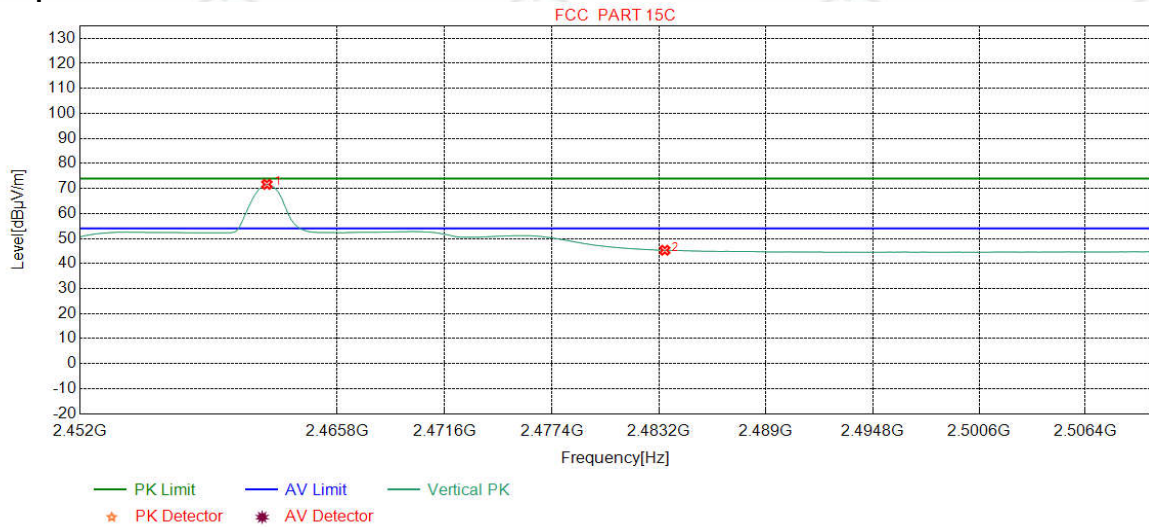
Test Graph



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	2462.0175	32.35	13.47	-42.41	68.30	71.71	54.00	-17.71	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	41.99	45.35	54.00	8.65	Pass	Horizontal

Mode:	802.11n(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	2462.0175	32.35	13.47	-42.41	68.24	71.65	54.00	-17.65	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	41.94	45.30	54.00	8.70	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 & Pre-amplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Pre-amplifier 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:
<p>Below 1GHz test procedure as below:</p> <p>Test method Refer as KDB 558074 D01</p> <ol style="list-style-type: none"> The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (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. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 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. <p>Above 1GHz test procedure as below:</p> <ol style="list-style-type: none"> Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter).. Test the EUT in the lowest channel ,the middle channel ,the Highest channel The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. Repeat above procedures until all frequencies measured was complete.

Limit:	Frequency	Field strength (microvolt/meter)	Limit (dB μ V/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	60.1700	11.56	0.90	-32.04	49.56	29.98	40.00	10.02	Pass	H	PK
2	96.5487	10.45	1.14	-32.08	59.65	39.16	43.50	4.34	Pass	H	PK
3	120.5101	9.12	1.30	-32.06	60.72	39.08	43.50	4.42	Pass	H	PK
4	216.5497	11.33	1.75	-31.95	47.00	28.13	46.00	17.87	Pass	H	PK
5	319.9620	13.64	2.12	-31.83	38.08	22.01	46.00	23.99	Pass	H	PK
6	480.0280	16.68	2.61	-31.90	41.16	28.55	46.00	17.45	Pass	H	PK
7	48.2378	13.20	0.78	-32.12	42.10	23.96	40.00	16.04	Pass	V	PK
8	60.1700	11.56	0.90	-32.04	47.08	27.50	40.00	12.50	Pass	V	PK
9	120.6071	9.11	1.30	-32.07	59.98	38.32	43.50	5.18	Pass	V	PK
10	192.4912	10.19	1.62	-31.96	46.52	26.37	43.50	17.13	Pass	V	PK
11	336.9387	14.01	2.19	-31.81	37.85	22.24	46.00	23.76	Pass	V	PK
12	481.6772	16.71	2.62	-31.90	37.62	25.05	46.00	20.95	Pass	V	PK

Transmitter Emission above 1GHz

Mode:		802.11 b(11Mbps) Transmitting						Channel:		2412	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1796.4796	30.36	3.31	-42.71	59.38	50.34	74.00	23.66	Pass	H	PK
2	1996.0996	31.67	3.47	-42.61	59.73	52.26	74.00	21.74	Pass	H	PK
3	3797.0531	33.64	4.37	-41.21	50.36	47.16	74.00	26.84	Pass	H	PK
4	4822.1215	34.50	4.60	-40.64	55.27	53.73	74.00	20.27	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	48.02	49.16	74.00	24.84	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	46.44	50.09	74.00	23.91	Pass	H	PK
7	1397.4397	28.30	2.90	-42.69	58.03	46.54	74.00	27.46	Pass	V	PK
8	1594.8595	29.03	3.07	-42.90	59.03	48.23	74.00	25.77	Pass	V	PK
9	3186.0124	33.27	4.63	-42.01	51.90	47.79	74.00	26.21	Pass	V	PK
10	4824.1216	34.50	4.61	-40.65	56.80	55.26	74.00	18.74	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	47.31	48.45	74.00	25.55	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	46.01	49.66	74.00	24.34	Pass	V	PK
13	4823.9616	34.50	4.61	-40.64	36.24	34.71	54.00	19.29	Pass	V	AV

Mode:		802.11 b(11Mbps) Transmitting						Channel:		2437	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1599.6600	29.06	3.07	-42.90	53.86	43.09	74.00	30.91	Pass	H	PK
2	1999.9000	31.70	3.47	-42.61	57.80	50.36	74.00	23.64	Pass	H	PK
3	4042.0695	33.86	4.33	-40.79	49.98	47.38	74.00	26.62	Pass	H	PK
4	4874.1249	34.50	4.78	-40.61	55.71	54.38	74.00	19.62	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.87	48.20	74.00	25.80	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	47.96	51.80	74.00	22.20	Pass	H	PK
7	4874.0449	34.50	4.78	-40.60	36.41	35.09	54.00	18.91	Pass	H	AV
8	1596.8597	29.04	3.07	-42.90	59.34	48.55	74.00	25.45	Pass	V	PK
9	1794.2794	30.34	3.31	-42.71	60.91	51.85	74.00	22.15	Pass	V	PK
10	3249.0166	33.30	4.45	-41.97	51.96	47.74	74.00	26.26	Pass	V	PK
11	4874.1249	34.50	4.78	-40.61	59.70	58.37	74.00	15.63	Pass	V	PK
12	7311.0000	36.41	5.85	-40.93	46.76	48.09	74.00	25.91	Pass	V	PK
13	9748.0000	37.70	6.77	-40.63	46.50	50.34	74.00	23.66	Pass	V	PK
14	4874.0749	34.50	4.78	-40.60	36.33	35.01	54.00	18.99	Pass	V	AV

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	1599.6600	29.06	3.07	-42.90	54.23	43.46	74.00	30.54	Pass	H	PK
2	1799.4799	30.38	3.32	-42.71	58.88	49.87	74.00	24.13	Pass	H	PK
3	1998.0998	31.69	3.47	-42.62	57.60	50.14	74.00	23.86	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	53.45	52.24	74.00	21.76	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	46.52	47.99	74.00	26.01	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	47.10	51.13	74.00	22.87	Pass	H	PK
7	1197.6198	28.10	2.66	-42.89	54.17	42.04	74.00	31.96	Pass	V	PK
8	1406.2406	28.31	2.91	-42.69	60.96	49.49	74.00	24.51	Pass	V	PK
9	1599.0599	29.05	3.07	-42.89	59.04	48.27	74.00	25.73	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	50.53	49.32	74.00	24.68	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	46.38	47.85	74.00	26.15	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	46.99	51.02	74.00	22.98	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	1598.6599	29.05	3.07	-42.90	55.64	44.86	74.00	29.14	Pass	H	PK
2	1798.2798	30.37	3.32	-42.71	58.44	49.42	74.00	24.58	Pass	H	PK
3	1997.8998	31.69	3.47	-42.62	59.19	51.73	74.00	22.27	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	47.92	46.38	74.00	27.62	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	45.96	47.10	74.00	26.90	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	46.68	50.33	74.00	23.67	Pass	H	PK
7	1194.6195	28.09	2.66	-42.87	52.80	40.68	74.00	33.32	Pass	V	PK
8	1396.4396	28.30	2.89	-42.68	56.35	44.86	74.00	29.14	Pass	V	PK
9	1594.0594	29.02	3.07	-42.89	59.02	48.22	74.00	25.78	Pass	V	PK
10	4824.0000	34.50	4.61	-40.65	47.53	45.99	74.00	28.01	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	46.49	47.63	74.00	26.37	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	46.90	50.55	74.00	23.45	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	1595.6596	29.03	3.07	-42.89	52.70	41.91	74.00	32.09	Pass	H	PK
2	1795.2795	30.35	3.31	-42.71	54.12	45.07	74.00	28.93	Pass	H	PK
3	1995.8996	31.67	3.47	-42.61	57.59	50.12	74.00	23.88	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	46.74	45.41	74.00	28.59	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.73	48.06	74.00	25.94	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	46.85	50.69	74.00	23.31	Pass	H	PK
7	1397.4397	28.30	2.90	-42.69	56.10	44.61	74.00	29.39	Pass	V	PK
8	1600.0600	29.06	3.07	-42.90	59.52	48.75	74.00	25.25	Pass	V	PK
9	1793.6794	30.34	3.31	-42.71	61.43	52.37	74.00	21.63	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	47.78	46.45	74.00	27.55	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.38	47.71	74.00	26.29	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	47.21	51.05	74.00	22.95	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	1594.2594	29.02	3.07	-42.89	54.06	43.26	74.00	30.74	Pass	H	PK
2	1791.0791	30.32	3.30	-42.70	57.89	48.81	74.00	25.19	Pass	H	PK
3	1993.4994	31.66	3.46	-42.61	58.72	51.23	74.00	22.77	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	48.30	47.09	74.00	26.91	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	47.57	49.04	74.00	24.96	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	46.89	50.92	74.00	23.08	Pass	H	PK
7	1199.6200	28.10	2.66	-42.89	53.12	40.99	74.00	33.01	Pass	V	PK
8	1395.8396	28.30	2.89	-42.69	56.89	45.39	74.00	28.61	Pass	V	PK
9	1593.4593	29.02	3.06	-42.88	58.96	48.16	74.00	25.84	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	46.51	45.30	74.00	28.70	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	47.26	48.73	74.00	25.27	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	46.03	50.06	74.00	23.94	Pass	V	PK

Mode:		802.11n(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	1598.4598	29.05	3.07	-42.90	52.90	42.12	74.00	31.88	Pass	H	PK
2	1791.4791	30.32	3.30	-42.70	56.98	47.90	74.00	26.10	Pass	H	PK
3	1995.0995	31.67	3.47	-42.62	57.08	49.60	74.00	24.40	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	48.57	47.03	74.00	26.97	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	46.70	47.84	74.00	26.16	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	46.41	50.06	74.00	23.94	Pass	H	PK
7	1397.4397	28.30	2.90	-42.69	55.91	44.42	74.00	29.58	Pass	V	PK
8	1596.6597	29.04	3.07	-42.90	58.17	47.38	74.00	26.62	Pass	V	PK
9	2194.9195	31.97	3.65	-42.52	55.23	48.33	74.00	25.67	Pass	V	PK
10	4824.0000	34.50	4.61	-40.65	48.37	46.83	74.00	27.17	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	48.12	49.26	74.00	24.74	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	46.17	49.82	74.00	24.18	Pass	V	PK

Mode:		802.11n(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	1289.0289	28.19	2.73	-42.79	56.66	44.79	74.00	29.21	Pass	H	PK
2	1793.0793	30.33	3.31	-42.70	57.26	48.20	74.00	25.80	Pass	H	PK
3	1992.8993	31.65	3.46	-42.61	59.12	51.62	74.00	22.38	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	47.26	45.93	74.00	28.07	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	46.33	47.66	74.00	26.34	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	47.05	50.89	74.00	23.11	Pass	H	PK
7	1199.6200	28.10	2.66	-42.89	53.27	41.14	74.00	32.86	Pass	V	PK
8	1399.2399	28.30	2.90	-42.68	58.06	46.58	74.00	27.42	Pass	V	PK
9	1599.0599	29.05	3.07	-42.89	58.50	47.73	74.00	26.27	Pass	V	PK
10	4872.1248	34.50	4.77	-40.61	51.50	50.16	74.00	23.84	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	46.64	47.97	74.00	26.03	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	47.02	50.86	74.00	23.14	Pass	V	PK

Mode:		802.11n(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	1598.6599	29.05	3.07	-42.90	53.90	43.12	74.00	30.88	Pass	H	PK
2	1794.6795	30.34	3.31	-42.70	59.14	50.09	74.00	23.91	Pass	H	PK
3	1994.8995	31.67	3.46	-42.61	58.40	50.92	74.00	23.08	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	47.61	46.40	74.00	27.60	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	47.30	48.77	74.00	25.23	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	46.20	50.23	74.00	23.77	Pass	H	PK
7	1394.4394	28.29	2.89	-42.68	56.35	44.85	74.00	29.15	Pass	V	PK
8	1598.8599	29.05	3.07	-42.90	59.38	48.60	74.00	25.40	Pass	V	PK
9	1812.8813	30.47	3.34	-42.71	58.30	49.40	74.00	24.60	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	47.90	46.69	74.00	27.31	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	47.31	48.78	74.00	25.22	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	46.59	50.62	74.00	23.38	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), 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.