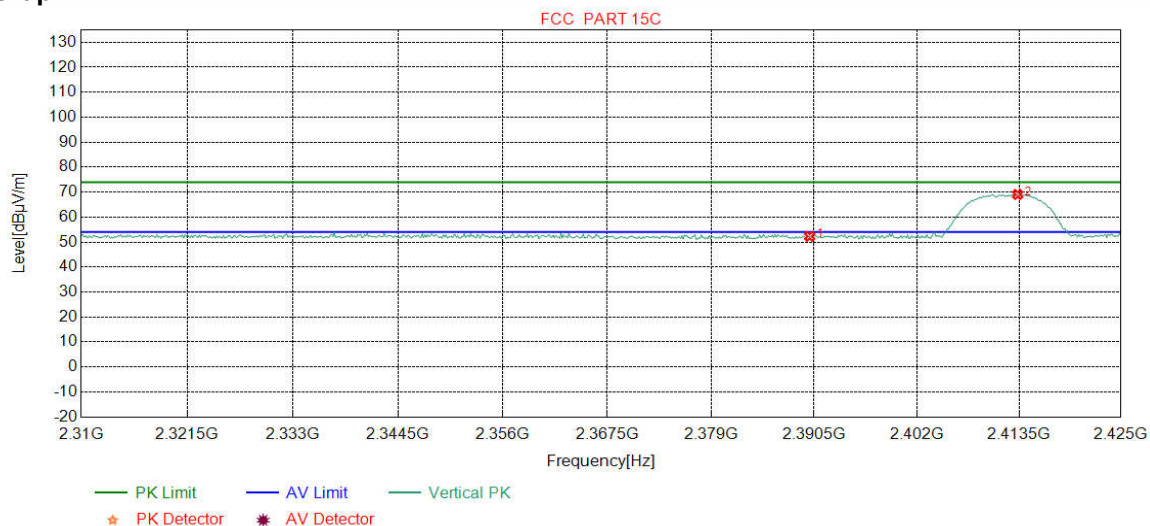


Mode:	802.11 b Transmitting	Channel:	2412
Remark:	PK		

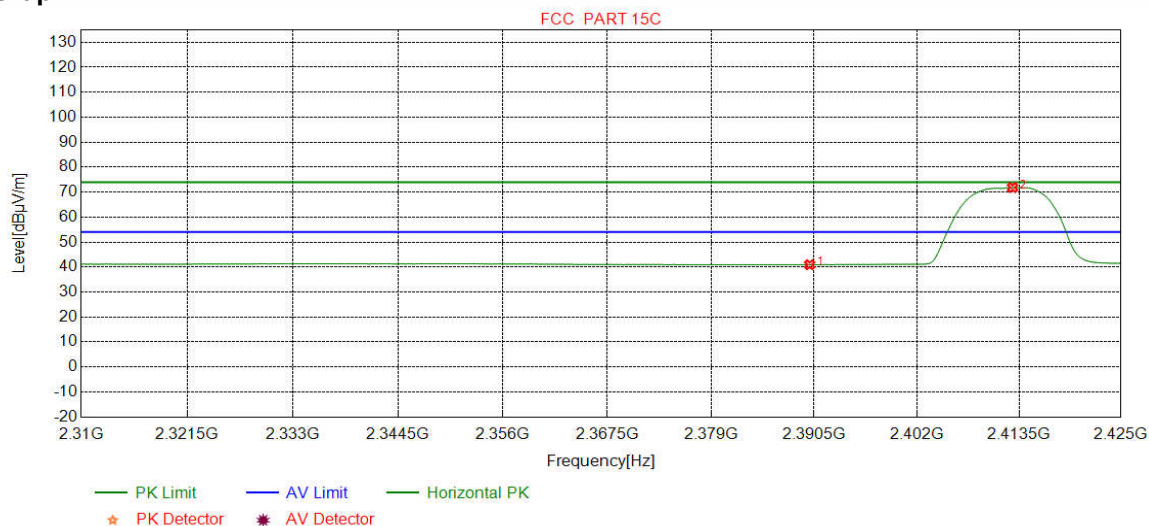
Test Graph



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	49.80	52.30	74.00	21.70	Pass	Vertical
2	2413.3417	32.28	13.36	-43.12	66.53	69.05	74.00	4.95	Pass	Vertical

Mode:	802.11 b Transmitting	Channel:	2412
Remark:	AV		

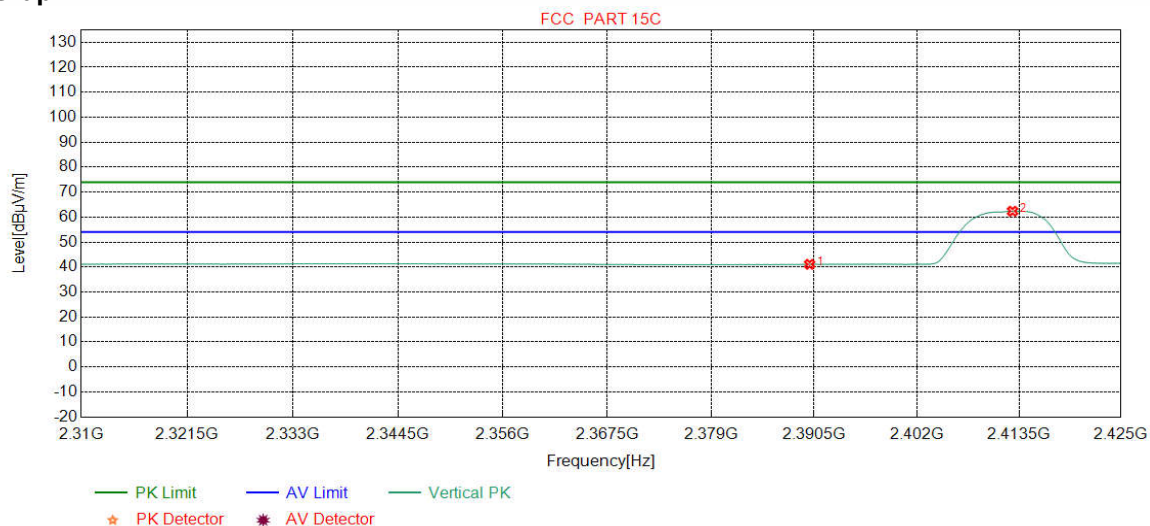
Test Graph



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	38.42	40.92	54.00	13.08	Pass	Horizontal
2	2412.7660	32.28	13.36	-43.12	69.31	71.83	54.00	-17.83	Pass	Horizontal

Mode:	802.11 b Transmitting	Channel:	2412
Remark:	AV		

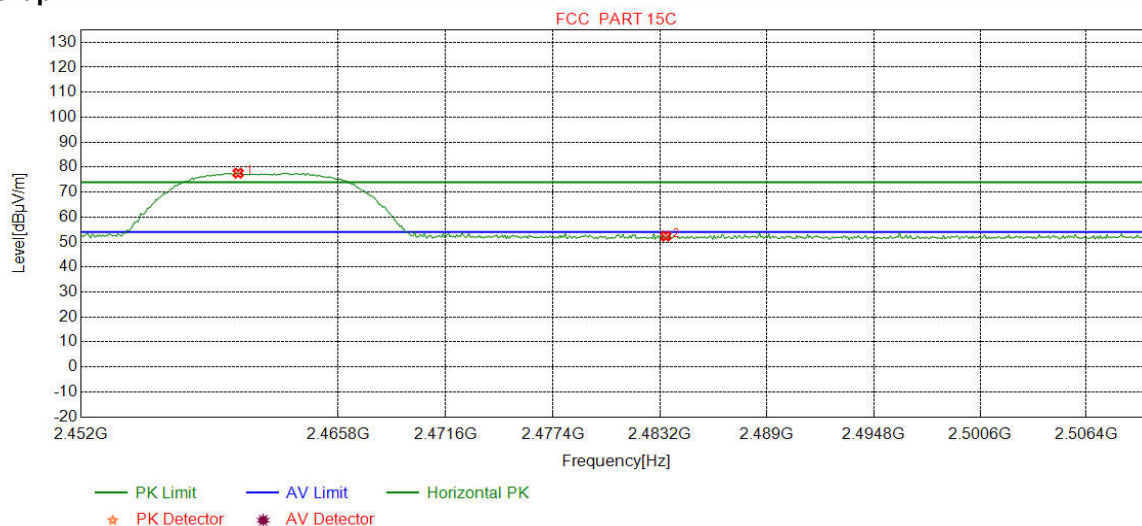
Test Graph



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	38.60	41.10	54.00	12.90	Pass	Vertical
2	2412.7660	32.28	13.36	-43.12	59.83	62.35	54.00	-8.35	Pass	Vertical

Mode:	802.11 b Transmitting	Channel:	2462
Remark:	PK		

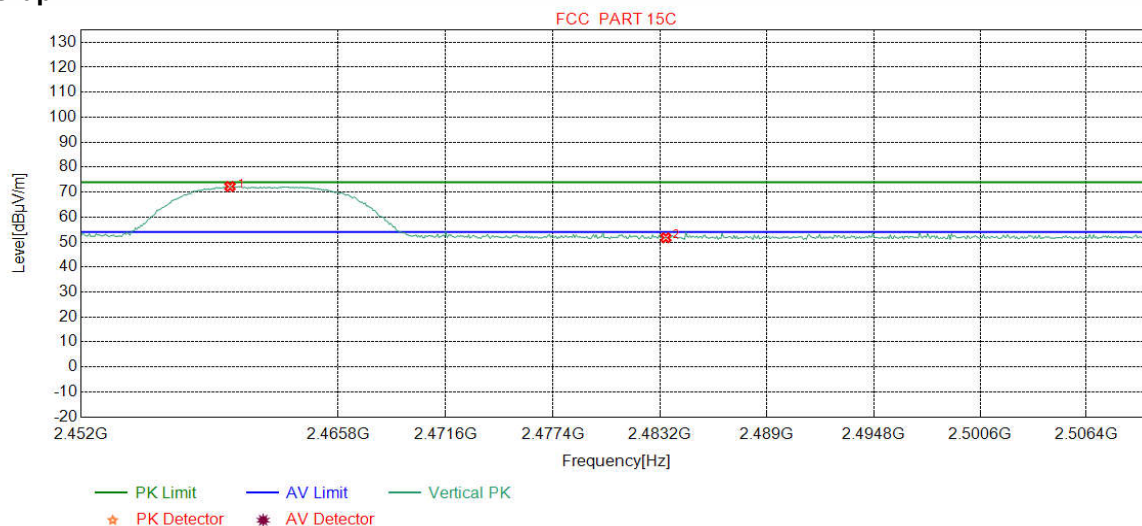
Test Graph



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	74.87	77.59	74.00	-3.59	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.73	52.38	74.00	21.62	Pass	Horizontal

Mode:	802.11 b Transmitting	Channel:	2462
Remark:	PK		

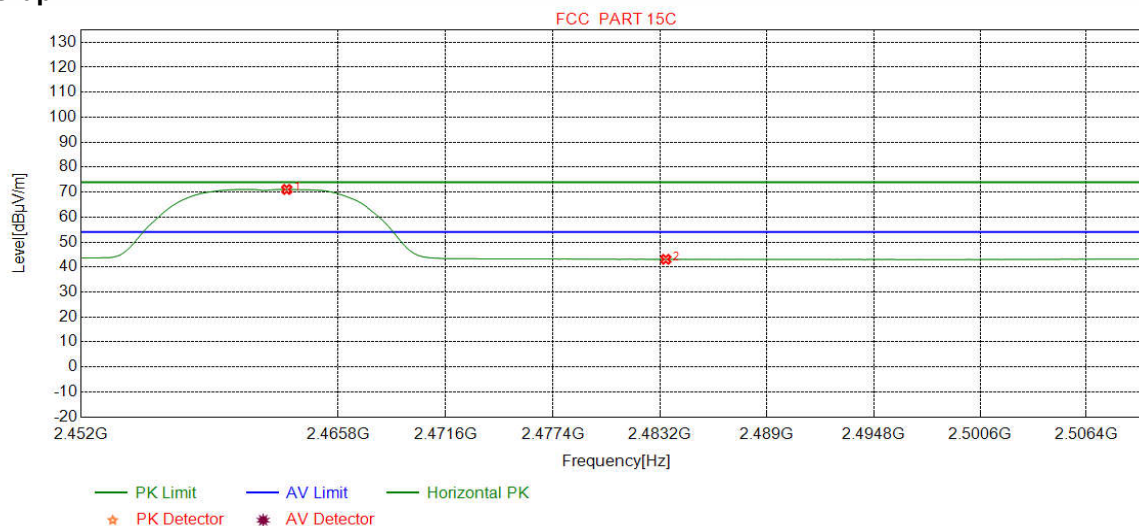
Test Graph



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	69.52	72.24	74.00	1.76	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.08	51.73	74.00	22.27	Pass	Vertical

Mode:	802.11 b Transmitting	Channel:	2462
Remark:	AV		

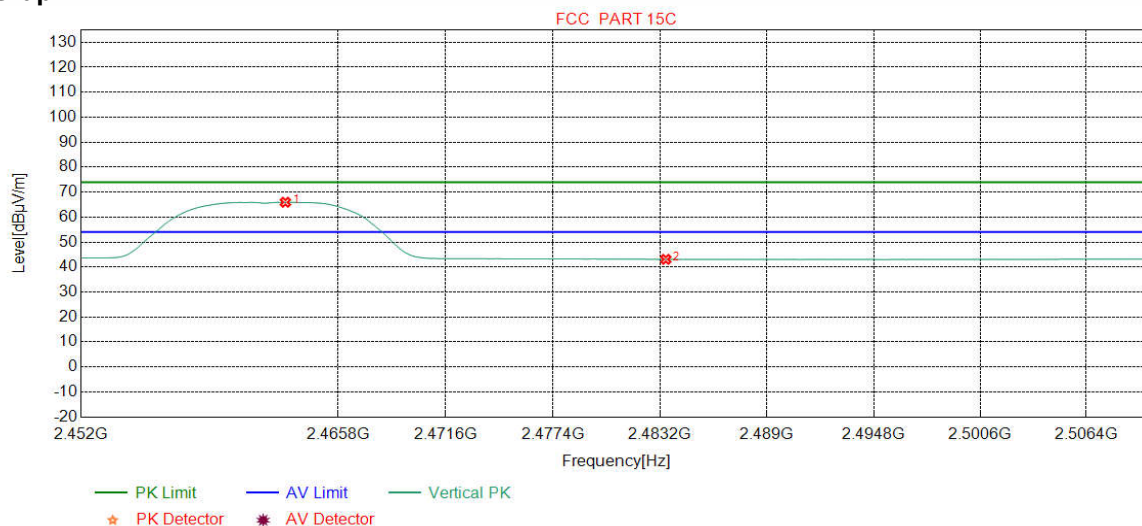
Test Graph



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	68.37	71.08	54.00	-17.08	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.44	43.09	54.00	10.91	Pass	Horizontal

Mode:	802.11 b Transmitting	Channel:	2462
Remark:	AV		

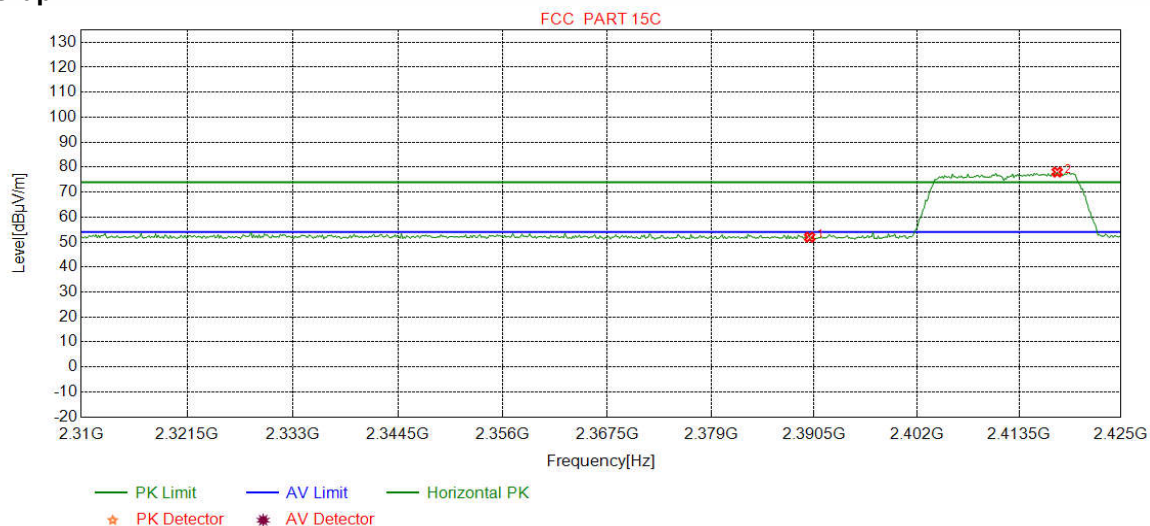
Test Graph



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	2462.9612	32.35	13.47	-43.11	63.23	65.94	54.00	-11.94	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.44	43.09	54.00	10.91	Pass	Vertical

Mode:	802.11 g Transmitting	Channel:	2412
Remark:	PK		

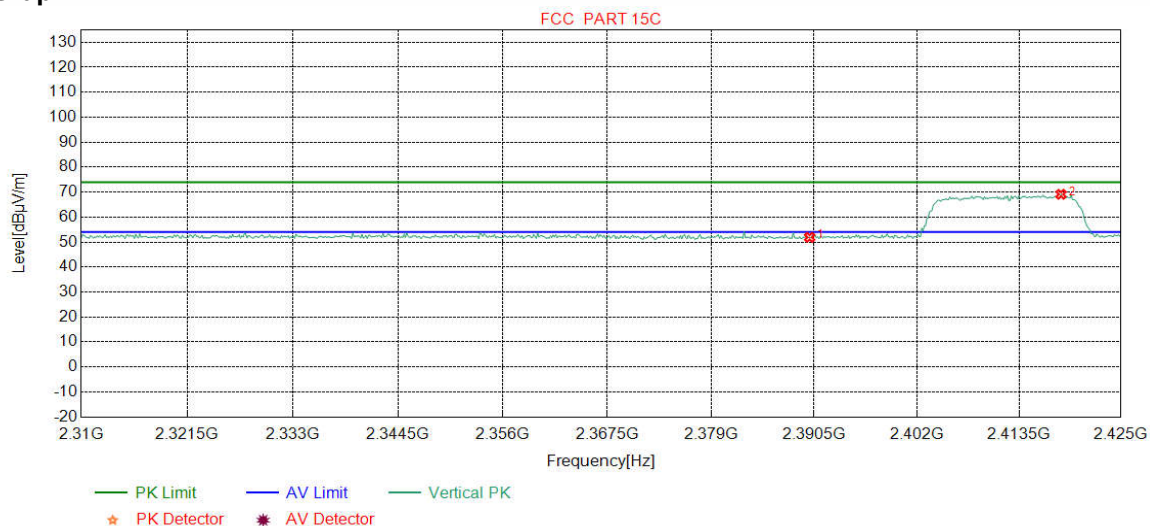
Test Graph



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	49.47	51.97	74.00	22.03	Pass	Horizontal
2	2417.8035	32.28	13.38	-43.11	75.46	78.01	74.00	-4.01	Pass	Horizontal

Mode:	802.11 g Transmitting	Channel:	2412
Remark:	PK		

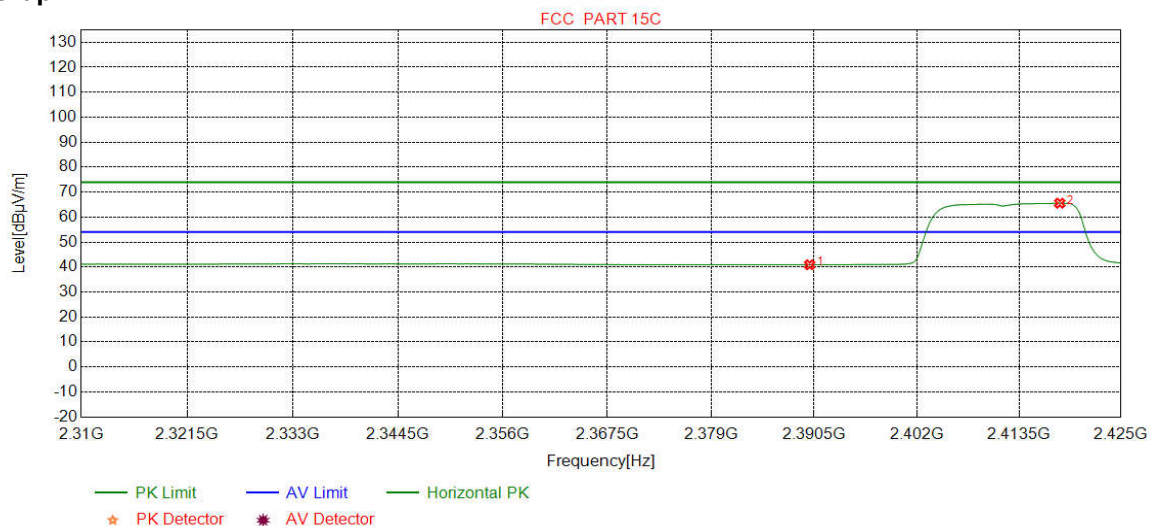
Test Graph



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	49.40	51.90	74.00	22.10	Pass	Vertical
2	2418.2353	32.29	13.38	-43.12	66.58	69.13	74.00	4.87	Pass	Vertical

Mode:	802.11 g Transmitting	Channel:	2412
Remark:	AV		

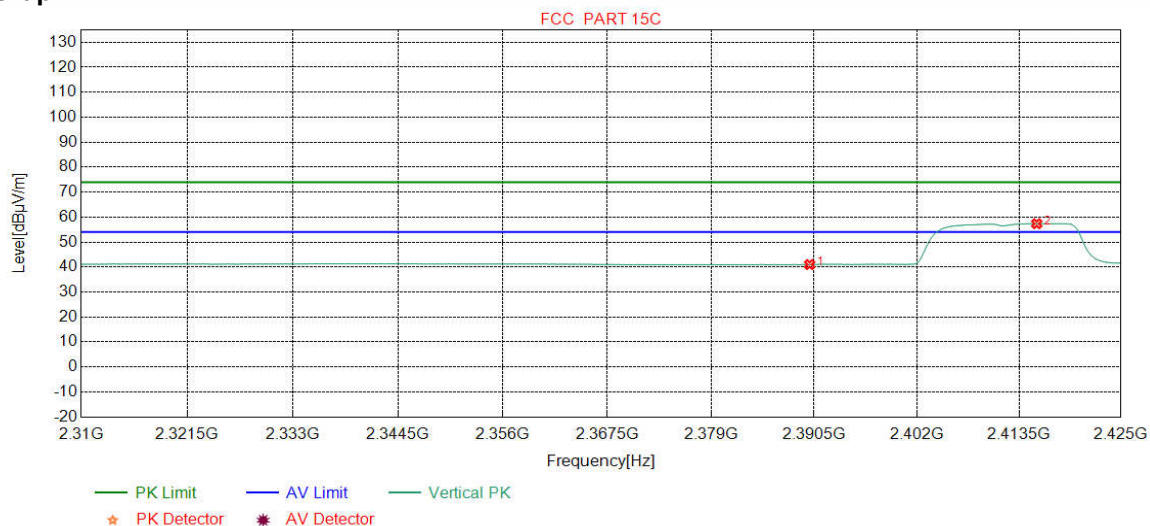
Test Graph



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	38.40	40.90	54.00	13.10	Pass	Horizontal
2	2418.0914	32.29	13.38	-43.12	63.02	65.57	54.00	-11.57	Pass	Horizontal

Mode:	802.11 g Transmitting	Channel:	2412
Remark:	AV		

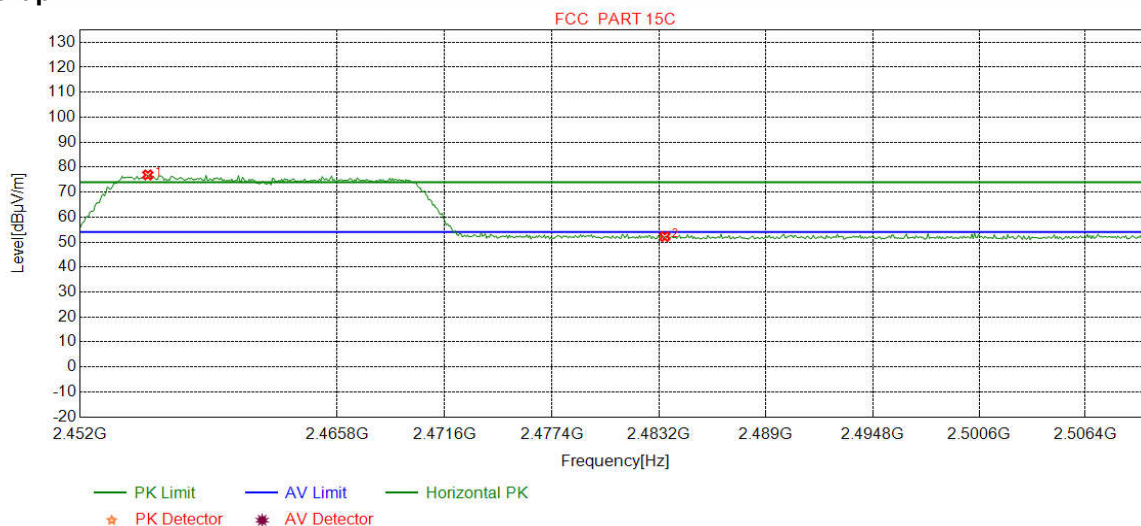
Test Graph



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	38.49	40.99	54.00	13.01	Pass	Vertical
2	2415.5006	32.28	13.37	-43.11	54.81	57.35	54.00	-3.35	Pass	Vertical

Mode:	802.11 g Transmitting	Channel:	2462
Remark:	PK		

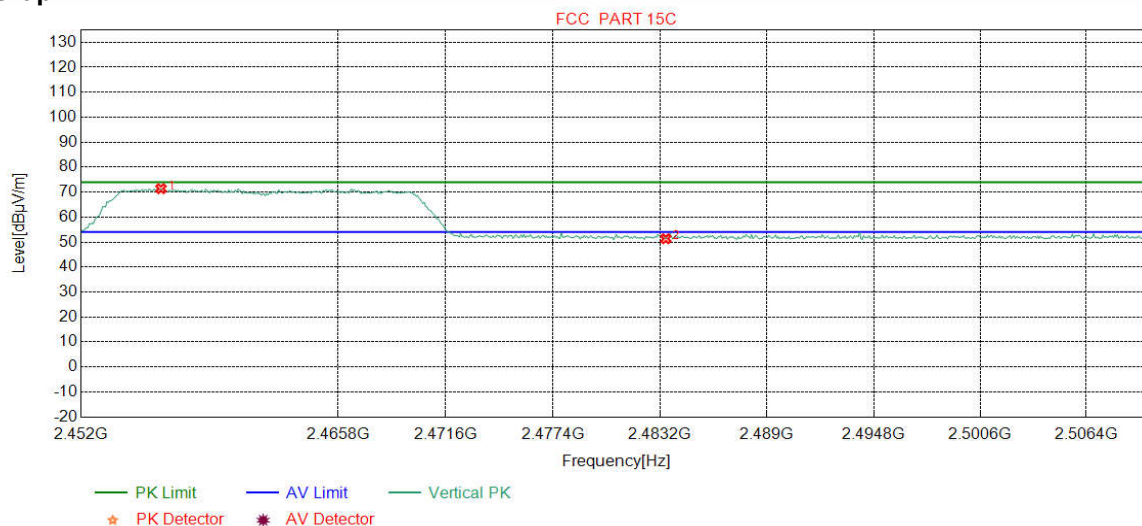
Test Graph



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	2455.6295	32.34	13.50	-43.11	74.16	76.89	74.00	-2.89	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.56	52.21	74.00	21.79	Pass	Horizontal

Mode:	802.11 g Transmitting	Channel:	2462
Remark:	PK		

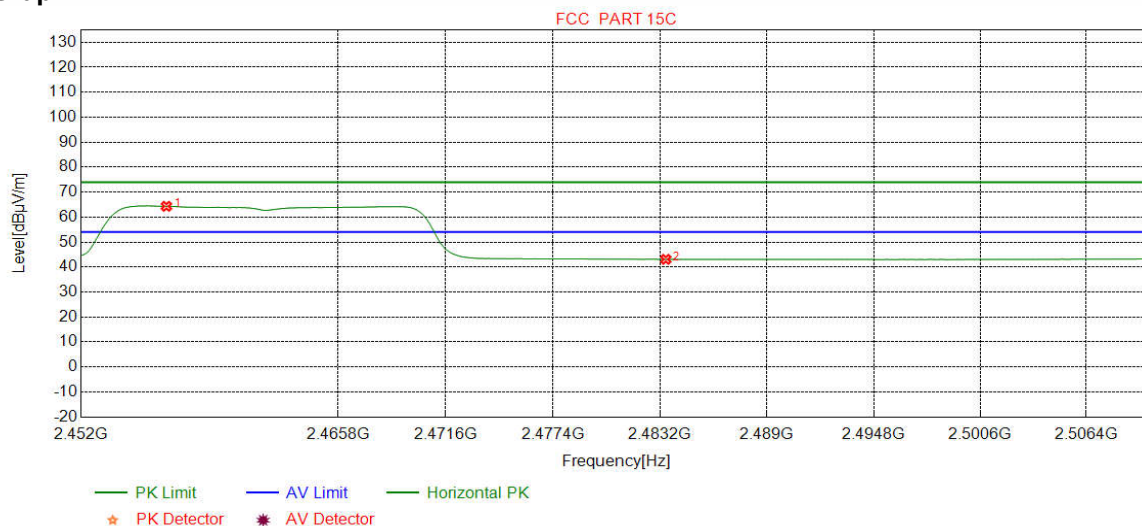
Test Graph



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	2456.2829	32.34	13.50	-43.11	68.65	71.38	74.00	2.62	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	48.68	51.33	74.00	22.67	Pass	Vertical

Mode:	802.11 g Transmitting	Channel:	2462
Remark:	AV		

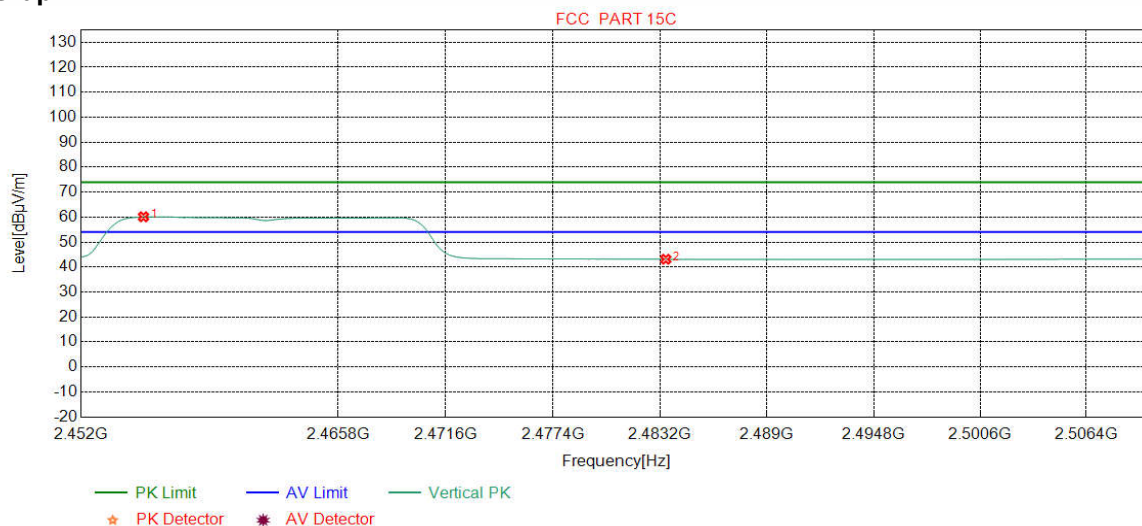
Test Graph



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	2456.5732	32.34	13.50	-43.11	61.60	64.33	54.00	-10.33	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.44	43.09	54.00	10.91	Pass	Horizontal

Mode:	802.11 g Transmitting	Channel:	2462
Remark:	AV		

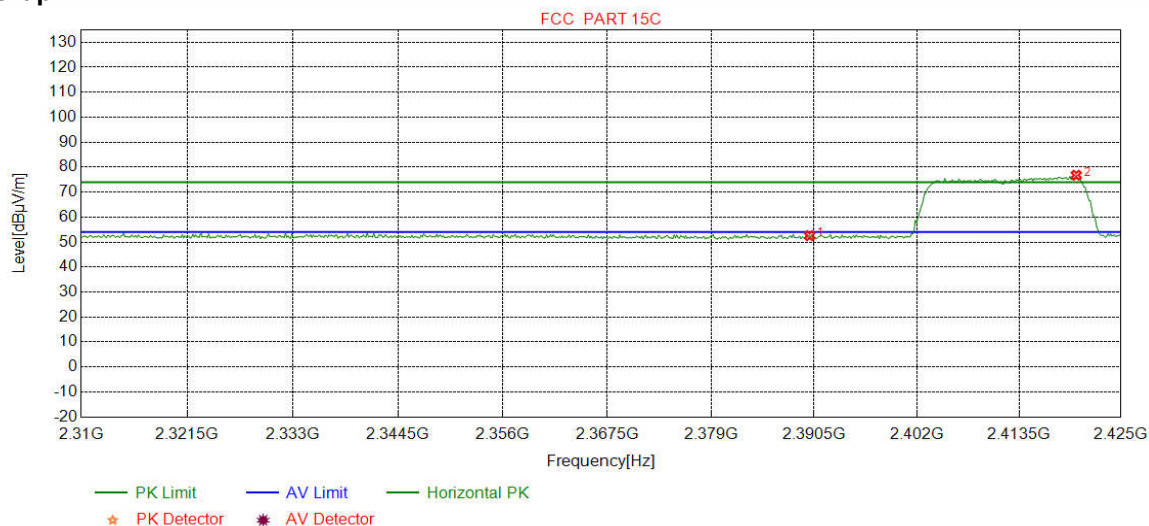
Test Graph



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	2455.3392	32.34	13.51	-43.12	57.39	60.12	54.00	-6.12	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.47	43.12	54.00	10.88	Pass	Vertical

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

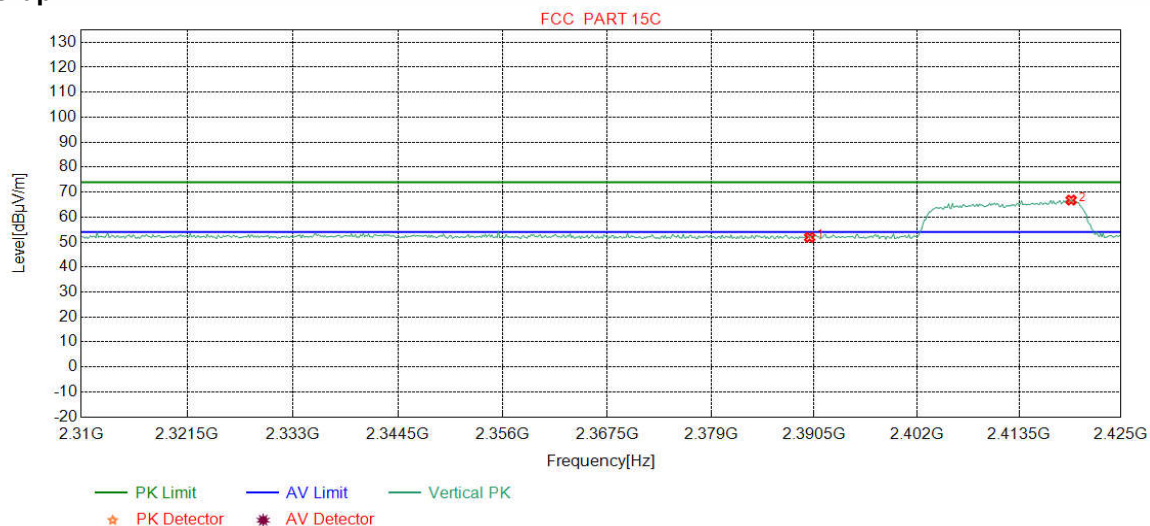
Test Graph



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	50.05	52.55	74.00	21.45	Pass	Horizontal
2	2419.9625	32.29	13.39	-43.12	74.22	76.78	74.00	-2.78	Pass	Horizontal

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

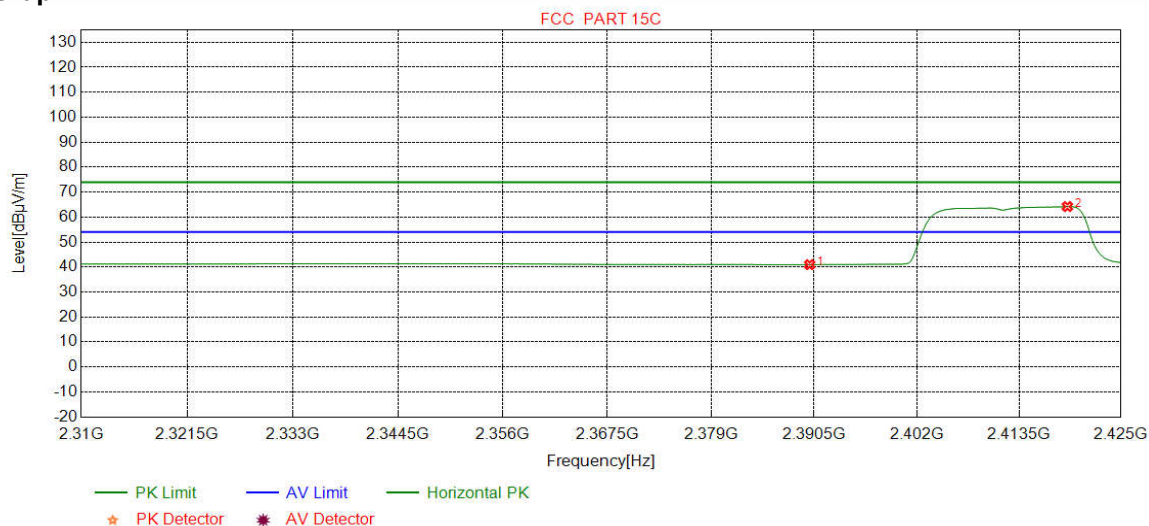
Test Graph



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	49.39	51.89	74.00	22.11	Pass	Vertical
2	2419.3867	32.29	13.39	-43.12	64.26	66.82	74.00	7.18	Pass	Vertical

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

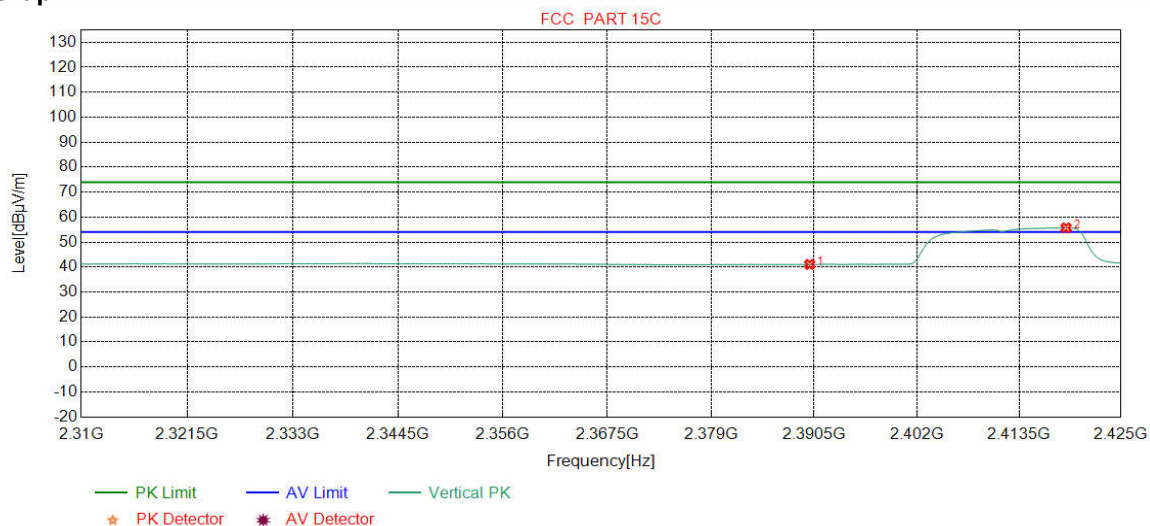
Test Graph



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	38.45	40.95	54.00	13.05	Pass	Horizontal
2	2418.9549	32.29	13.39	-43.12	61.65	64.21	54.00	-10.21	Pass	Horizontal

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

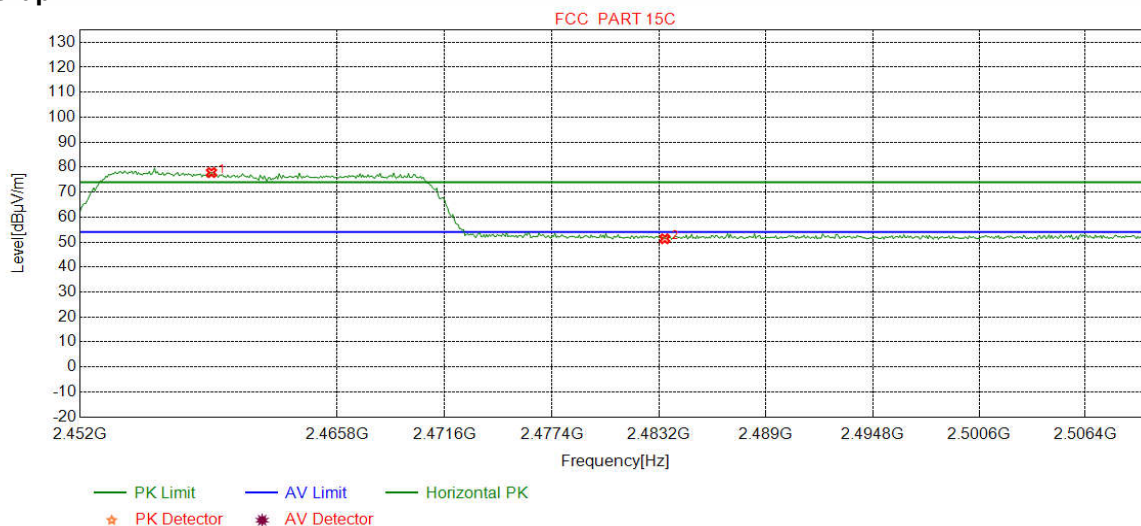
Test Graph



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	38.54	41.04	54.00	12.96	Pass	Vertical
2	2418.8110	32.29	13.39	-43.12	53.14	55.70	54.00	-1.70	Pass	Vertical

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

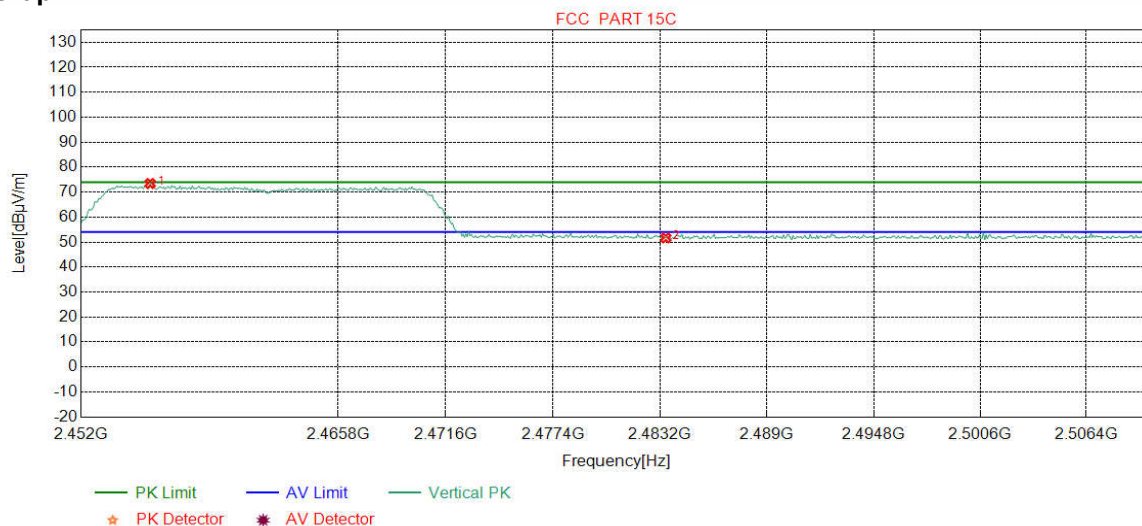
Test Graph



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	2459.0413	32.34	13.49	-43.11	75.13	77.85	74.00	-3.85	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	48.67	51.32	74.00	22.68	Pass	Horizontal

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

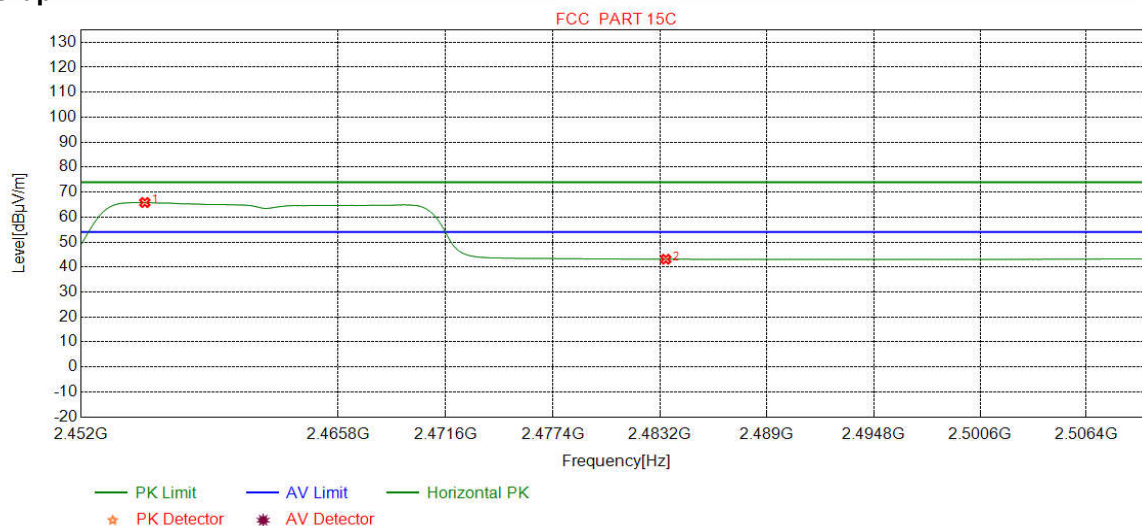
Test Graph



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	2455.7021	32.34	13.50	-43.11	70.74	73.47	74.00	0.53	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.01	51.66	74.00	22.34	Pass	Vertical

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

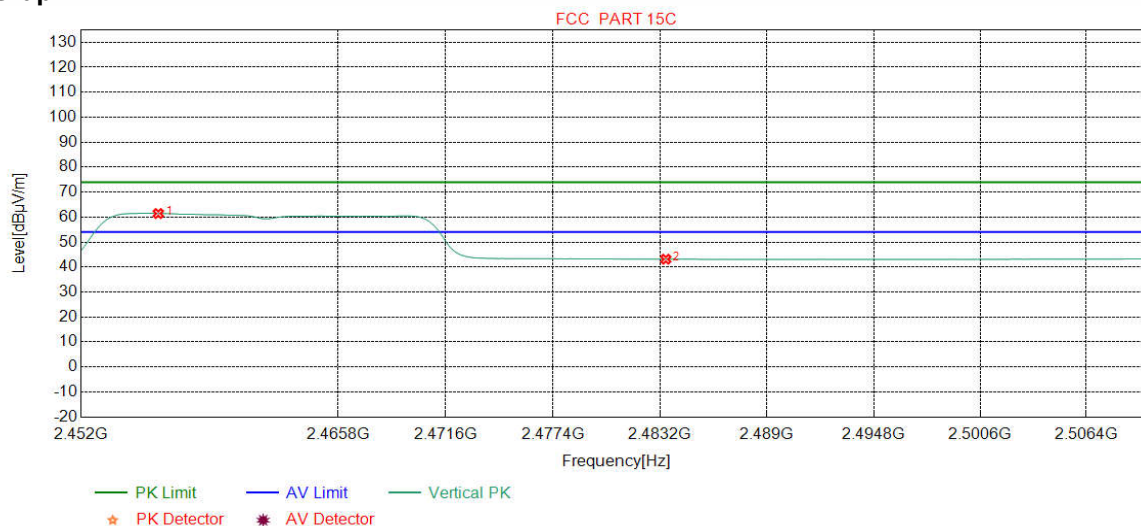
Test Graph



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	2455.4118	32.34	13.51	-43.12	63.09	65.82	54.00	-11.82	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.47	43.12	54.00	10.88	Pass	Horizontal

Mode:	802.11 n(HT20) 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	2456.1377	32.34	13.50	-43.11	58.69	61.42	54.00	-7.42	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.49	43.14	54.00	10.86	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), and then Only the worst case is recorded in the report.

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

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

Appendix I): Radiated Spurious Emissions

Receiver Setup:

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

Test Procedure:

Below 1GHz test procedure as below:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Above 1GHz test procedure as below:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter).

h. Test the EUT in the lowest channel, the middle channel ,the Highest channel .

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.

j. Repeat above procedures until all frequencies measured was complete.

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

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

Radiated Spurious Emissions test Data:

Radiated Emission below 1GHz

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, 11N20 Channel 2437MHz was selected as the worst condition. The test data of the worst-case condition was recorded in this report.

Mode:			802.11N20 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	37.1787	11.40	0.68	-31.37	50.46	31.17	40.00	8.83	Pass	H	PK
2	83.9374	8.01	1.06	-31.98	56.52	33.61	40.00	6.39	Pass	H	PK
3	96.1606	10.39	1.13	-31.98	54.90	34.44	43.50	9.06	Pass	H	PK
4	143.9864	7.34	1.41	-31.99	60.88	37.64	43.50	5.86	Pass	H	PK
5	240.0260	11.94	1.84	-31.90	55.54	37.42	46.00	8.58	Pass	H	PK
6	514.2724	17.29	2.71	-31.94	51.71	39.77	46.00	6.23	Pass	H	PK
7	36.4997	11.18	0.67	-31.39	48.03	28.49	40.00	11.51	Pass	V	PK
8	111.3911	10.66	1.25	-32.07	48.81	28.65	43.50	14.85	Pass	V	PK
9	208.8859	11.13	1.71	-31.94	43.44	24.34	43.50	19.16	Pass	V	PK
10	350.0350	14.30	2.23	-31.87	47.53	32.19	46.00	13.81	Pass	V	PK
11	514.2724	17.29	2.71	-31.94	46.97	35.03	46.00	10.97	Pass	V	PK
12	913.4673	22.18	3.62	-31.45	42.02	36.37	46.00	9.63	Pass	V	PK

Transmitter Emission above 1GHz

Mode:			802.11 b 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	1994.6995	31.67	3.46	-43.19	51.31	43.25	74.00	30.75	Pass	H	PK
2	3008.0005	33.20	4.91	-43.09	51.09	46.11	74.00	27.89	Pass	H	PK
3	4824.0000	34.50	4.61	-42.80	47.03	43.34	74.00	30.66	Pass	H	PK
4	6290.2193	35.86	5.44	-42.55	49.29	48.04	74.00	25.96	Pass	H	PK
5	7236.0000	36.34	5.79	-42.16	46.47	46.44	74.00	27.56	Pass	H	PK
6	9648.0000	37.66	6.72	-42.10	46.65	48.93	74.00	25.07	Pass	H	PK
7	1800.2800	30.38	3.32	-42.71	58.08	49.07	74.00	24.93	Pass	V	PK
8	1994.6995	31.67	3.46	-43.19	57.65	49.59	74.00	24.41	Pass	V	PK
9	4824.0000	34.50	4.61	-42.80	46.73	43.04	74.00	30.96	Pass	V	PK
10	7236.0000	36.34	5.79	-42.16	46.00	45.97	74.00	28.03	Pass	V	PK
11	8996.3998	37.69	6.33	-42.00	49.53	51.55	74.00	22.45	Pass	V	PK
12	9648.0000	37.66	6.72	-42.10	46.21	48.49	74.00	25.51	Pass	V	PK

Mode:			802.11 b 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	1998.6999	31.69	3.47	-43.20	52.33	44.29	74.00	29.71	Pass	H	PK
2	3424.0283	33.37	4.50	-43.10	49.42	44.19	74.00	29.81	Pass	H	PK
3	3814.0543	33.65	4.37	-43.04	50.62	45.60	74.00	28.40	Pass	H	PK
4	4874.0000	34.50	4.78	-42.80	47.21	43.69	74.00	30.31	Pass	H	PK
5	7311.0000	36.41	5.85	-42.14	45.82	45.94	74.00	28.06	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	46.68	49.05	74.00	24.95	Pass	H	PK
7	1794.0794	30.34	3.31	-42.71	57.93	48.87	74.00	25.13	Pass	V	PK
8	1992.0992	31.65	3.46	-43.18	56.45	48.38	74.00	25.62	Pass	V	PK
9	3477.0318	33.39	4.46	-43.10	49.43	44.18	74.00	29.82	Pass	V	PK
10	4874.0000	34.50	4.78	-42.80	46.62	43.10	74.00	30.90	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	46.53	46.65	74.00	27.35	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	47.92	50.29	74.00	23.71	Pass	V	PK

Mode:			802.11 b 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	1755.8756	30.09	3.24	-42.69	52.45	43.09	74.00	30.91	Pass	H	PK
2	3056.0037	33.22	4.82	-43.10	50.88	45.82	74.00	28.18	Pass	H	PK
3	4924.0000	34.50	4.85	-42.80	48.61	45.16	74.00	28.84	Pass	H	PK
4	6101.2067	35.82	5.26	-42.58	49.38	47.88	74.00	26.12	Pass	H	PK
5	7386.0000	36.49	5.85	-42.13	47.54	47.75	74.00	26.25	Pass	H	PK
6	9848.0000	37.74	6.83	-42.10	45.61	48.08	74.00	25.92	Pass	H	PK
7	1798.6799	30.37	3.32	-42.71	57.11	48.09	74.00	25.91	Pass	H	AV
8	1992.2992	31.65	3.46	-43.18	56.92	48.85	74.00	25.15	Pass	V	PK
9	3196.0131	33.28	4.64	-43.10	53.20	48.02	74.00	25.98	Pass	V	PK
10	4924.0000	34.50	4.85	-42.80	47.19	43.74	74.00	30.26	Pass	V	PK
11	7386.0000	36.49	5.85	-42.13	47.12	47.33	74.00	26.67	Pass	V	PK
12	9848.0000	37.74	6.83	-42.10	45.71	48.18	74.00	25.82	Pass	V	PK

Mode:			802.11 g 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	1822.6823	30.53	3.35	-42.77	51.46	42.57	74.00	31.43	Pass	H	PK
2	3553.0369	33.44	4.43	-43.08	49.73	44.52	74.00	29.48	Pass	H	PK
3	4824.0000	34.50	4.61	-42.80	47.39	43.70	74.00	30.30	Pass	H	PK
4	7236.0000	36.34	5.79	-42.16	45.47	45.44	74.00	28.56	Pass	H	PK
5	9226.4151	37.65	6.52	-42.04	49.35	51.48	74.00	22.52	Pass	H	PK
6	9648.0000	37.66	6.72	-42.10	46.55	48.83	74.00	25.17	Pass	H	PK
7	1797.6798	30.36	3.32	-42.71	56.93	47.90	74.00	26.10	Pass	V	PK
8	2000.1000	31.70	3.47	-43.20	56.45	48.42	74.00	25.58	Pass	V	PK
9	4824.0000	34.50	4.61	-42.80	47.66	43.97	74.00	30.03	Pass	V	PK
10	6311.2207	35.86	5.46	-42.54	49.14	47.92	74.00	26.08	Pass	V	PK
11	7236.0000	36.34	5.79	-42.16	46.11	46.08	74.00	27.92	Pass	V	PK
12	9648.0000	37.66	6.72	-42.10	45.98	48.26	74.00	25.74	Pass	V	PK

Mode:			802.11 g 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	1992.2992	31.65	3.46	-43.18	50.83	42.76	74.00	31.24	Pass	H	PK
2	4874.0000	34.50	4.78	-42.80	47.31	43.79	74.00	30.21	Pass	H	PK
3	6024.2016	35.80	5.28	-42.59	48.67	47.16	74.00	26.84	Pass	H	PK
4	7311.0000	36.41	5.85	-42.14	46.90	47.02	74.00	26.98	Pass	H	PK
5	9748.0000	37.70	6.77	-42.10	50.10	52.47	74.00	21.53	Pass	H	PK
6	10509.500	38.50	7.05	-41.99	49.13	52.69	74.00	21.31	Pass	H	PK
7	1800.0800	30.38	3.32	-42.71	58.93	49.92	74.00	24.08	Pass	V	PK
8	1998.6999	31.69	3.47	-43.20	55.61	47.57	74.00	26.43	Pass	V	PK
9	4874.0000	34.50	4.78	-42.80	46.87	43.35	74.00	30.65	Pass	V	PK
10	6258.2172	35.85	5.37	-42.55	48.97	47.64	74.00	26.36	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	46.24	46.36	74.00	27.64	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	46.37	48.74	74.00	25.26	Pass	V	PK

Mode:			802.11 g 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	1992.6993	31.65	3.46	-43.18	52.06	43.99	74.00	30.01	Pass	H	PK
2	3931.0621	33.74	4.34	-43.01	49.91	44.98	74.00	29.02	Pass	H	PK
3	4924.0000	34.50	4.85	-42.80	47.55	44.10	74.00	29.90	Pass	H	PK
4	7386.0000	36.49	5.85	-42.13	46.25	46.46	74.00	27.54	Pass	H	PK
5	9179.4120	37.66	6.44	-42.03	49.26	51.33	74.00	22.67	Pass	H	PK
6	9848.0000	37.74	6.83	-42.10	45.54	48.01	74.00	25.99	Pass	H	PK
7	1800.0800	30.38	3.32	-42.71	56.70	47.69	74.00	26.31	Pass	V	PK
8	1990.6991	31.64	3.46	-43.18	55.79	47.71	74.00	26.29	Pass	V	PK
9	4924.0000	34.50	4.85	-42.80	46.76	43.31	74.00	30.69	Pass	V	PK
10	6469.2313	35.89	5.50	-42.50	49.13	48.02	74.00	25.98	Pass	V	PK
11	7386.0000	36.49	5.85	-42.13	47.26	47.47	74.00	26.53	Pass	V	PK
12	9848.0000	37.74	6.83	-42.10	46.69	49.16	74.00	24.84	Pass	V	PK

Mode:			802.11 n(HT20) 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	1945.2945	31.34	3.42	-43.07	51.51	43.20	74.00	30.80	Pass	H	PK
2	3197.0131	33.28	4.65	-43.11	50.49	45.31	74.00	28.69	Pass	H	PK
3	4824.0000	34.50	4.61	-42.80	48.43	44.74	74.00	29.26	Pass	H	PK
4	7236.0000	36.34	5.79	-42.16	46.46	46.43	74.00	27.57	Pass	H	PK
5	9103.4069	37.68	6.44	-42.02	49.03	51.13	74.00	22.87	Pass	H	PK
6	9648.0000	37.66	6.72	-42.10	46.06	48.34	74.00	25.66	Pass	H	PK
7	1799.6800	30.38	3.32	-42.71	56.44	47.43	74.00	26.57	Pass	V	PK
8	1992.2992	31.65	3.46	-43.18	56.64	48.57	74.00	25.43	Pass	V	PK
9	2197.9198	31.98	3.65	-43.16	54.46	46.93	74.00	27.07	Pass	V	PK
10	4824.0000	34.50	4.61	-42.80	46.73	43.04	74.00	30.96	Pass	V	PK
11	7236.0000	36.34	5.79	-42.16	46.18	46.15	74.00	27.85	Pass	V	PK
12	9648.0000	37.66	6.72	-42.10	46.26	48.54	74.00	25.46	Pass	V	PK

Mode:			802.11 n(HT20) 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	1995.8996	31.67	3.47	-43.19	52.30	44.25	74.00	29.75	Pass	H	PK
2	3766.0511	33.61	4.36	-43.05	50.24	45.16	74.00	28.84	Pass	H	PK
3	4874.0000	34.50	4.78	-42.80	46.57	43.05	74.00	30.95	Pass	H	PK
4	6339.2226	35.87	5.46	-42.53	49.39	48.19	74.00	25.81	Pass	H	PK
5	7311.0000	36.41	5.85	-42.14	46.23	46.35	74.00	27.65	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	46.42	48.79	74.00	25.21	Pass	H	PK
7	1798.6799	30.37	3.32	-42.71	57.17	48.15	74.00	25.85	Pass	V	PK
8	1992.2992	31.65	3.46	-43.18	57.39	49.32	74.00	24.68	Pass	V	PK
9	3197.0131	33.28	4.65	-43.11	51.90	46.72	74.00	27.28	Pass	V	PK
10	4874.0000	34.50	4.78	-42.80	47.80	44.28	74.00	29.72	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	45.40	45.52	74.00	28.48	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	46.82	49.19	74.00	24.81	Pass	V	PK

Mode:			802.11 n(HT20) 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	1998.0998	31.69	3.47	-43.20	51.35	43.31	74.00	30.69	Pass	H	PK
2	4601.1067	34.50	5.05	-42.80	49.14	45.89	74.00	28.11	Pass	H	PK
3	4924.0000	34.50	4.85	-42.80	47.11	43.66	74.00	30.34	Pass	H	PK
4	7386.0000	36.49	5.85	-42.13	47.15	47.36	74.00	26.64	Pass	H	PK
5	9173.4116	37.67	6.45	-42.04	49.33	51.41	74.00	22.59	Pass	H	PK
6	9848.0000	37.74	6.83	-42.10	46.93	49.40	74.00	24.60	Pass	H	PK
7	1797.0797	30.36	3.31	-42.70	54.56	45.53	74.00	28.47	Pass	V	PK
8	1992.4993	31.65	3.46	-43.18	57.82	49.75	74.00	24.25	Pass	V	PK
9	3891.0594	33.71	4.34	-43.02	50.08	45.11	74.00	28.89	Pass	V	PK
10	4924.0000	34.50	4.85	-42.80	46.71	43.26	74.00	30.74	Pass	V	PK
11	7386.0000	36.49	5.85	-42.13	45.89	46.10	74.00	27.90	Pass	V	PK
12	9848.0000	37.74	6.83	-42.10	46.08	48.55	74.00	25.45	Pass	V	PK

Note:

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

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

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