

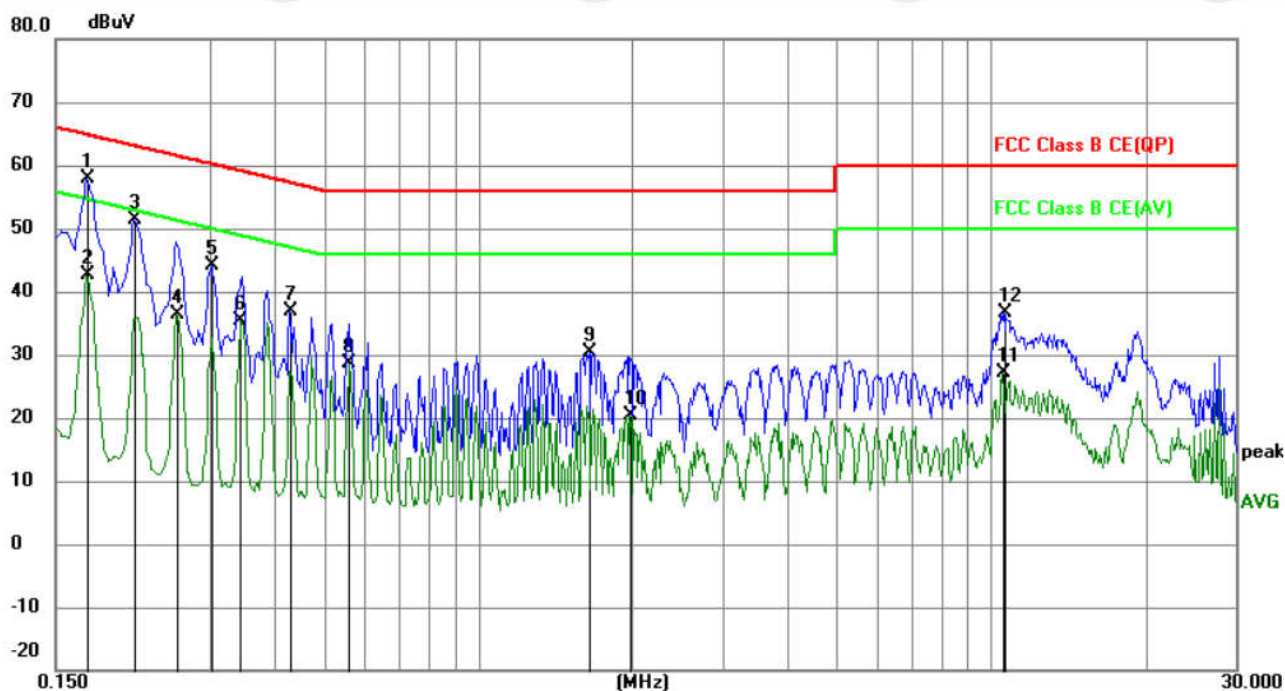
Product : VisionScreener

Model/Type reference : CVS-1

Temperature : 24℃

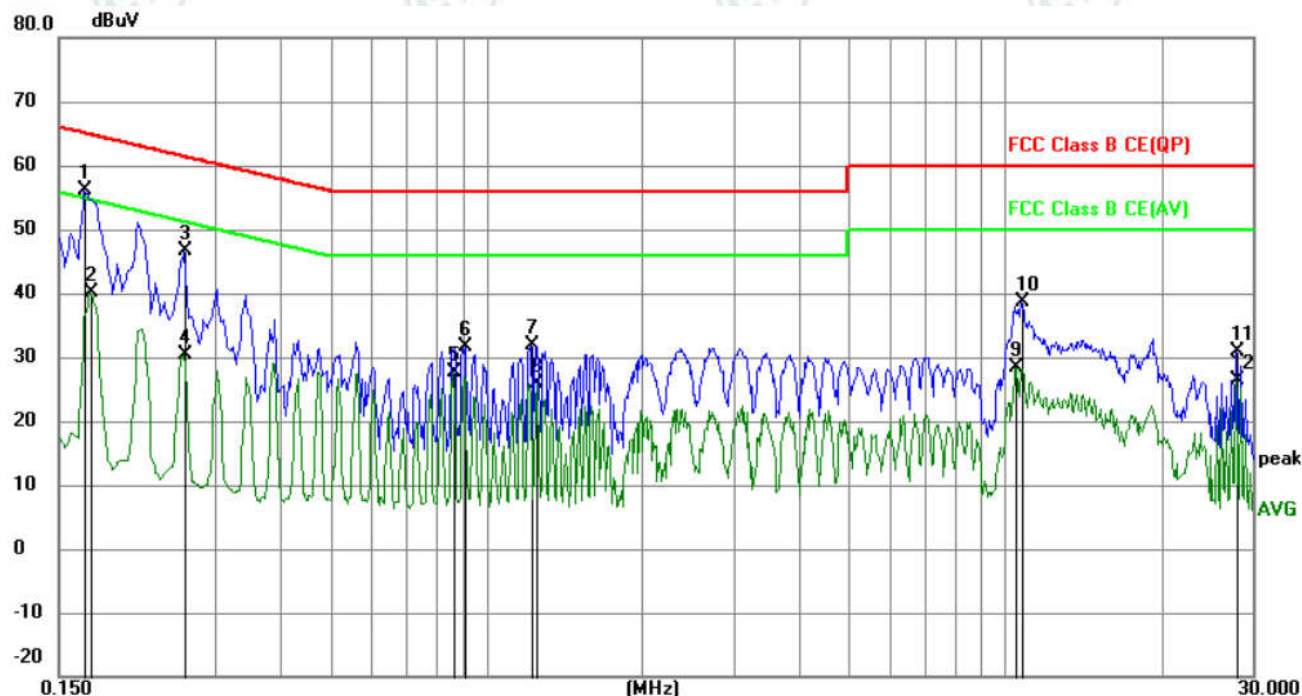
Humidity : 52%

Live line:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1725	47.90	10.00	57.90	64.84	-6.94	QP	
2		0.1725	32.57	10.00	42.57	54.84	-12.27	AVG	
3		0.2130	41.38	10.03	51.41	63.09	-11.68	QP	
4		0.2580	26.35	10.07	36.42	51.50	-15.08	AVG	
5		0.3030	34.03	10.10	44.13	60.16	-16.03	QP	
6		0.3435	25.22	10.06	35.28	49.12	-13.84	AVG	
7		0.4290	26.76	10.00	36.76	57.27	-20.51	QP	
8		0.5595	18.62	10.07	28.69	46.00	-17.31	AVG	
9		1.6485	20.52	9.86	30.38	56.00	-25.62	QP	
10		1.9770	10.64	9.83	20.47	46.00	-25.53	AVG	
11		10.5090	17.11	9.96	27.07	50.00	-22.93	AVG	
12		10.5675	26.74	9.96	36.70	60.00	-23.30	QP	

Neutral line:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1680	46.14	9.99	56.13	65.06	-8.93	QP	
2		0.1725	30.22	10.00	40.22	54.84	-14.62	AVG	
3		0.2625	36.58	10.07	46.65	61.35	-14.70	QP	
4		0.2625	20.22	10.07	30.29	51.35	-21.06	AVG	
5		0.8655	17.64	9.92	27.56	46.00	-18.44	AVG	
6		0.9105	21.72	9.92	31.64	56.00	-24.36	QP	
7		1.2164	21.87	9.89	31.76	56.00	-24.24	QP	
8		1.2525	16.00	9.89	25.89	46.00	-20.11	AVG	
9		10.4819	18.48	9.96	28.44	50.00	-21.56	AVG	
10		10.7745	28.62	9.96	38.58	60.00	-21.42	QP	
11		27.9870	20.94	9.97	30.91	60.00	-29.09	QP	
12		27.9870	16.51	9.97	26.48	50.00	-23.52	AVG	

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.

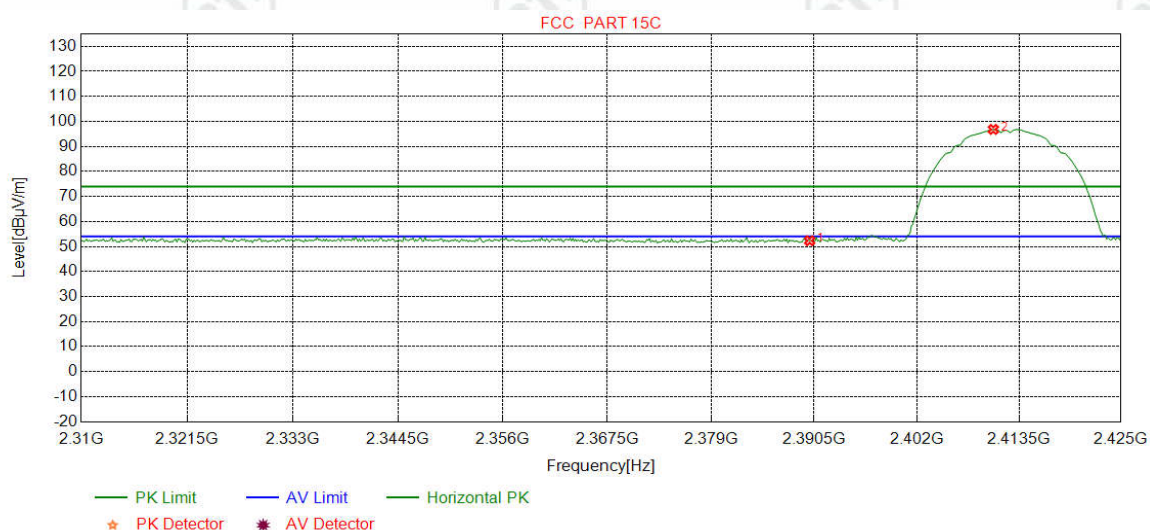
Appendix H): Restricted bands around fundamental frequency (Radiated)

Receiver Setup:	<table><tr><th>Frequency</th><th>Detector</th><th>RBW</th><th>VBW</th><th>Remark</th></tr><tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>120kHz</td><td>300kHz</td><td>Quasi-peak</td></tr><tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak</td></tr><tr><td>Peak</td><td>1MHz</td><td>10Hz</td><td>Average</td></tr></table>	Frequency	Detector	RBW	VBW	Remark	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak	Above 1GHz	Peak	1MHz	3MHz	Peak	Peak	1MHz	10Hz	Average	
Frequency	Detector	RBW	VBW	Remark																	
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: Test method Refer as KDB 558074 D01 - 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. - 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 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. - Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel Above 1GHz test procedure as below: - Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber 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 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:	<table><tr><th>Frequency</th><th>Limit (dBμV/m @3m)</th><th>Remark</th></tr><tr><td>30MHz-88MHz</td><td>40.0</td><td>Quasi-peak Value</td></tr><tr><td>88MHz-216MHz</td><td>43.5</td><td>Quasi-peak Value</td></tr><tr><td>216MHz-960MHz</td><td>46.0</td><td>Quasi-peak Value</td></tr><tr><td>960MHz-1GHz</td><td>54.0</td><td>Quasi-peak Value</td></tr><tr><td rowspan="2">Above 1GHz</td><td>54.0</td><td>Average Value</td></tr><tr><td>74.0</td><td>Peak Value</td></tr></table>	Frequency	Limit (dBμV/m @3m)	Remark	30MHz-88MHz	40.0	Quasi-peak Value	88MHz-216MHz	43.5	Quasi-peak Value	216MHz-960MHz	46.0	Quasi-peak Value	960MHz-1GHz	54.0	Quasi-peak Value	Above 1GHz	54.0	Average Value	74.0	Peak Value
Frequency	Limit (dBμV/m @3m)	Remark																			
30MHz-88MHz	40.0	Quasi-peak Value																			
88MHz-216MHz	43.5	Quasi-peak Value																			
216MHz-960MHz	46.0	Quasi-peak Value																			
960MHz-1GHz	54.0	Quasi-peak Value																			
Above 1GHz	54.0	Average Value																			
	74.0	Peak Value																			

Test plot as follows:

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

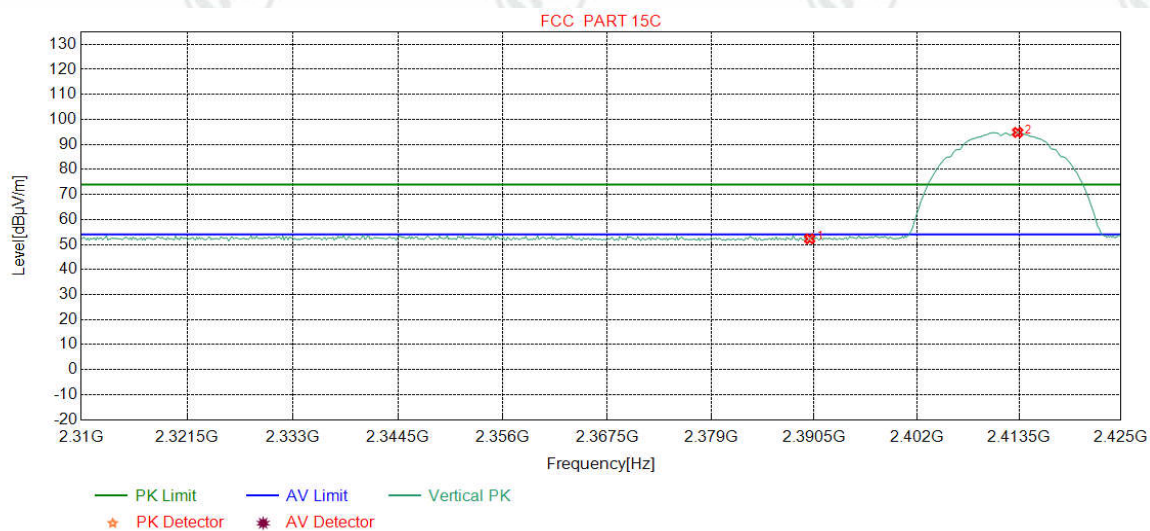
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.82	52.32	74.00	21.68	Pass	Horizontal
2	2410.6070	32.27	13.35	-43.11	94.29	96.80	74.00	-22.80	Pass	Horizontal

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

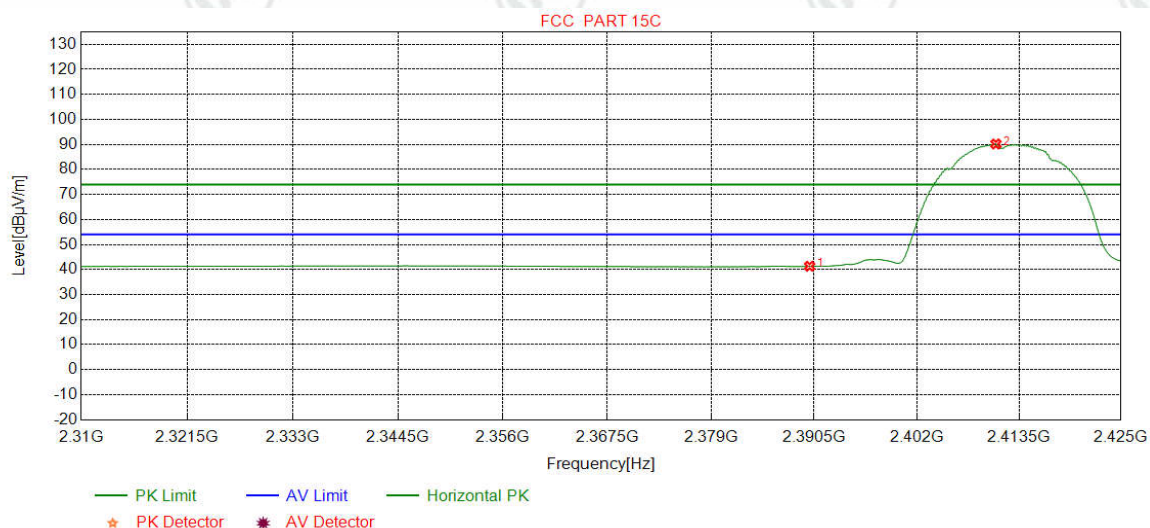
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	49.79	52.29	74.00	21.71	Pass	Vertical
2	2413.3417	32.28	13.36	-43.12	92.27	94.79	74.00	-20.79	Pass	Vertical

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

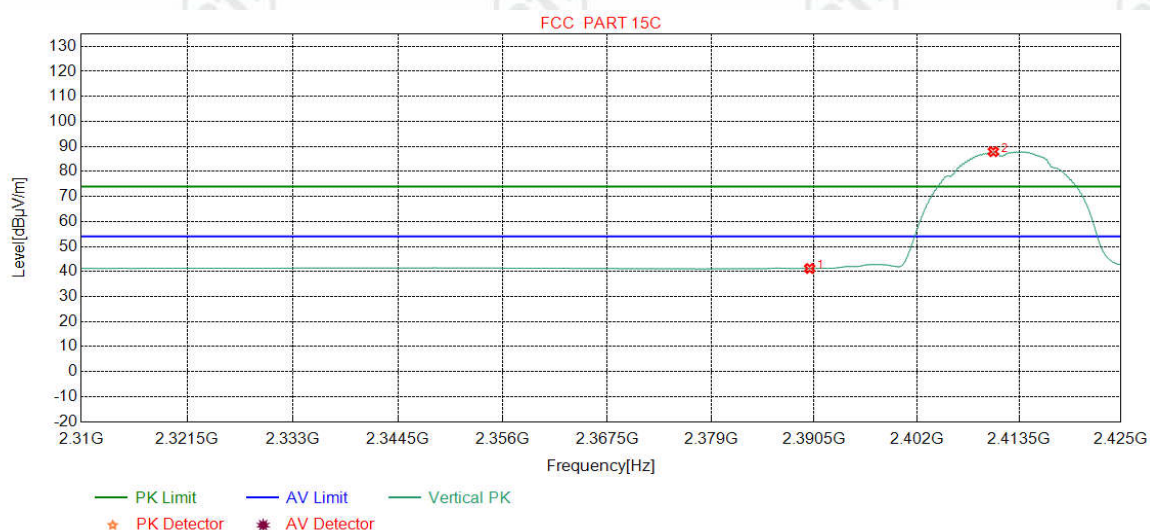
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	38.81	41.31	54.00	12.69	Pass	Horizontal
2	2410.8949	32.28	13.35	-43.12	87.67	90.18	54.00	-36.18	Pass	Horizontal

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

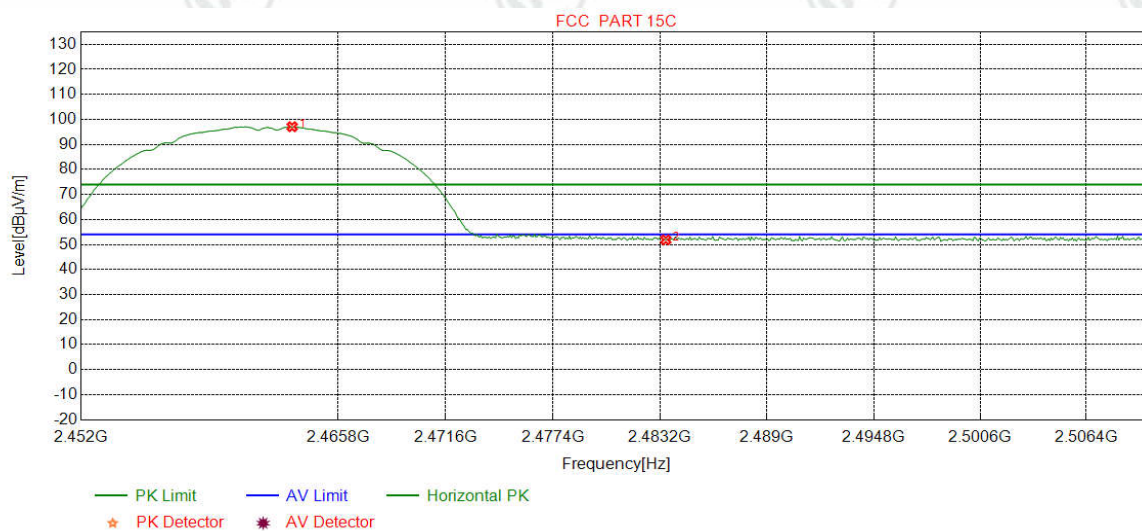
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	38.72	41.22	54.00	12.78	Pass	Vertical
2	2410.6070	32.27	13.35	-43.11	85.41	87.92	54.00	-33.92	Pass	Vertical

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

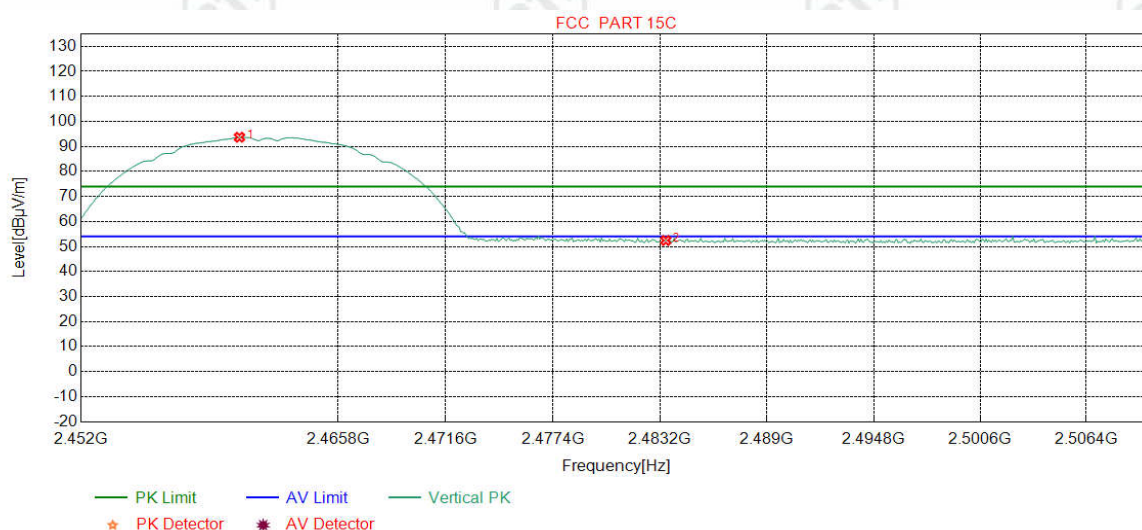
Test Graph



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	2463.3242	32.35	13.47	-43.11	94.37	97.08	74.00	-23.08	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	49.19	51.84	74.00	22.16	Pass	Horizontal

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

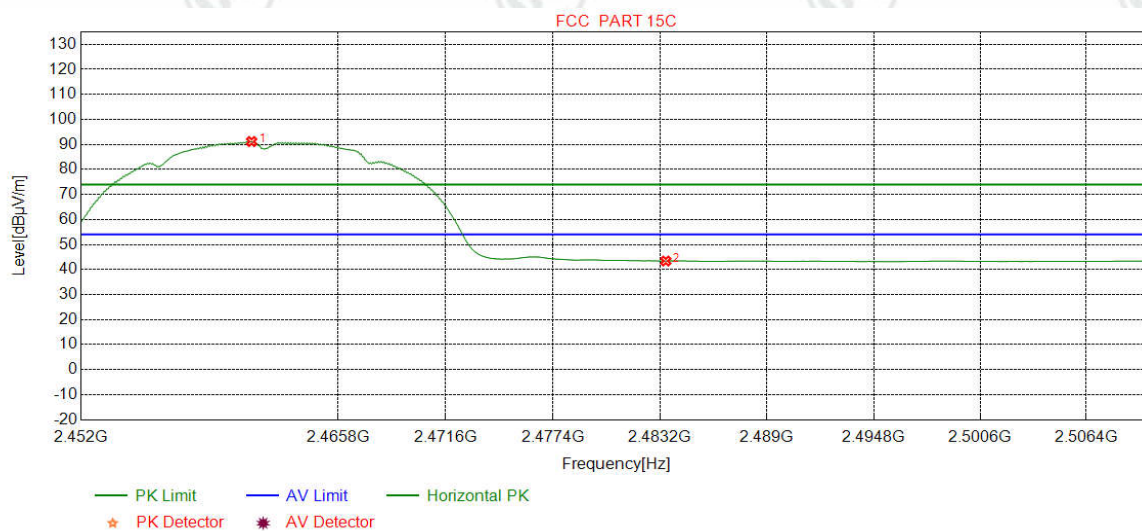
Test Graph



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	2460.4931	32.34	13.48	-43.10	90.95	93.67	74.00	-19.67	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.76	52.41	74.00	21.59	Pass	Vertical

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

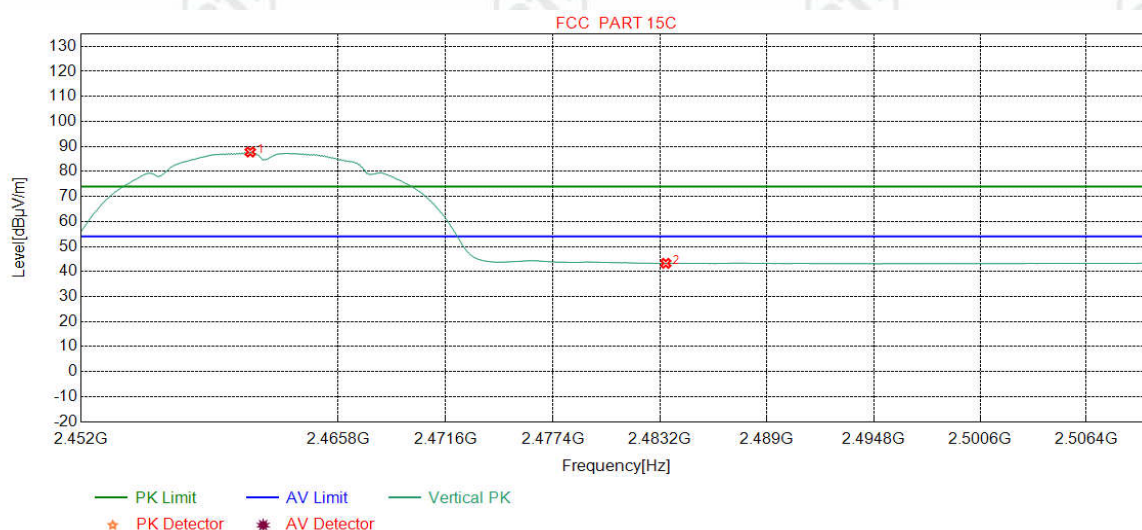
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2461.1464	32.35	13.48	-43.11	88.44	91.16	54.00	-37.16	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	40.75	43.40	54.00	10.60	Pass	Horizontal

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

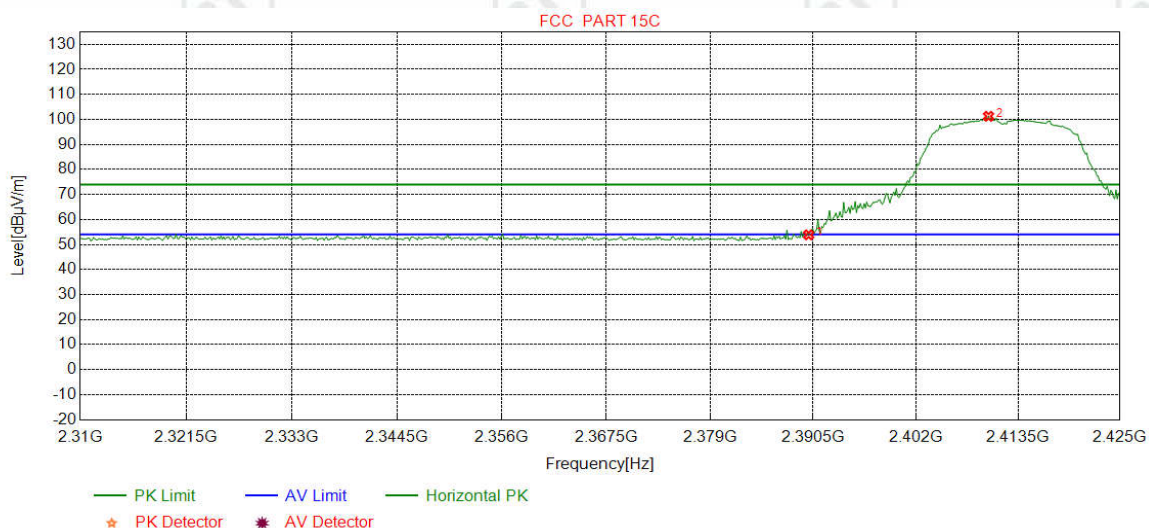
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2461.0738	32.35	13.48	-43.11	85.04	87.76	54.00	-33.76	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.62	43.27	54.00	10.73	Pass	Vertical

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

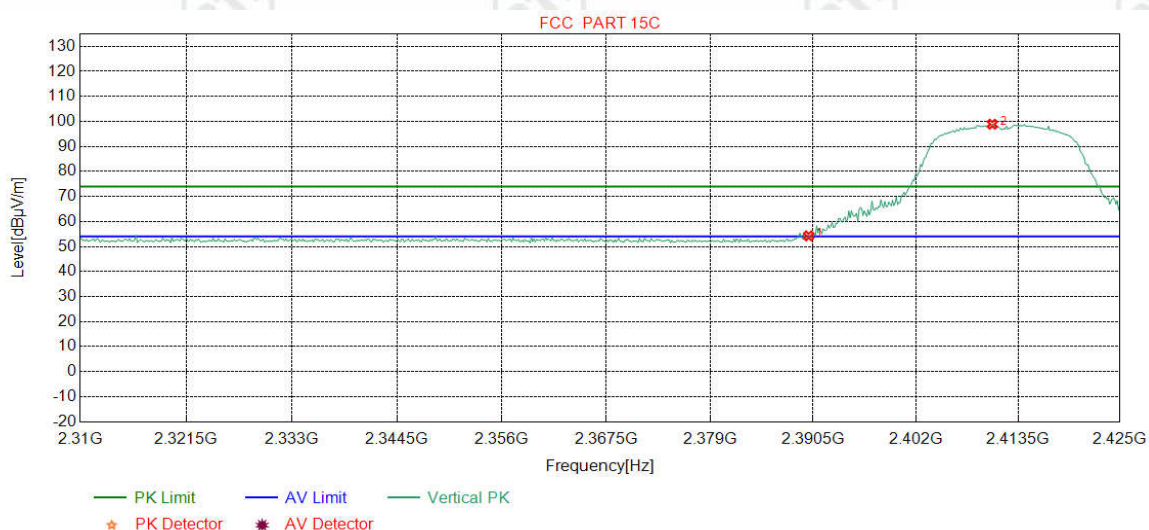
Test Graph



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	51.37	53.87	74.00	20.13	Pass	Horizontal
2	2410.1752	32.27	13.35	-43.12	98.74	101.24	74.00	-27.24	Pass	Horizontal

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

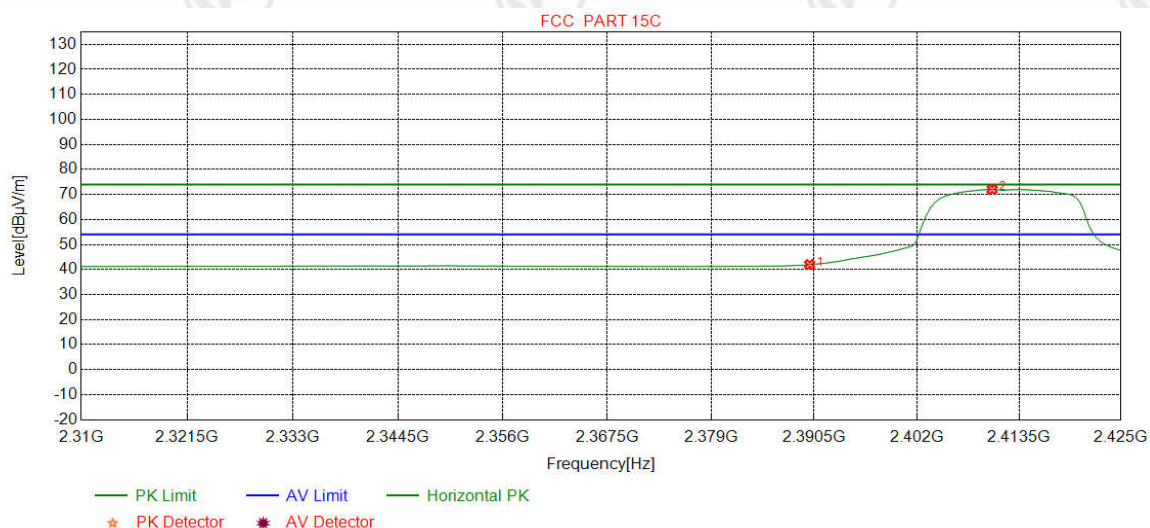
Test Graph



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	51.74	54.24	74.00	19.76	Pass	Vertical
2	2410.6070	32.27	13.35	-43.11	96.39	98.90	74.00	-24.90	Pass	Vertical

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

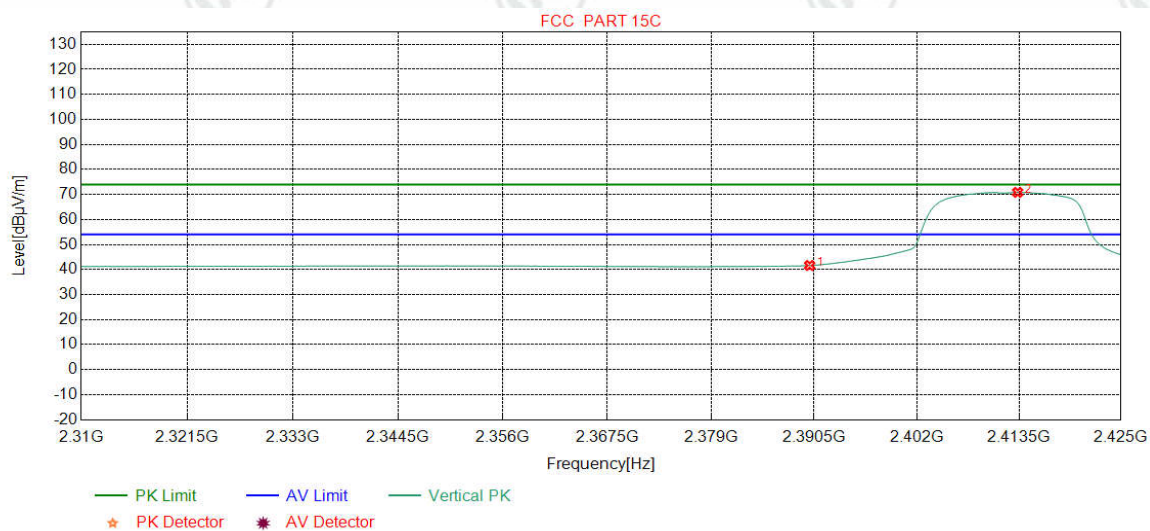
Test Graph



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	39.47	41.97	54.00	12.03	Pass	Horizontal
2	2410.4631	32.27	13.35	-43.12	69.52	72.02	54.00	-18.02	Pass	Horizontal

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

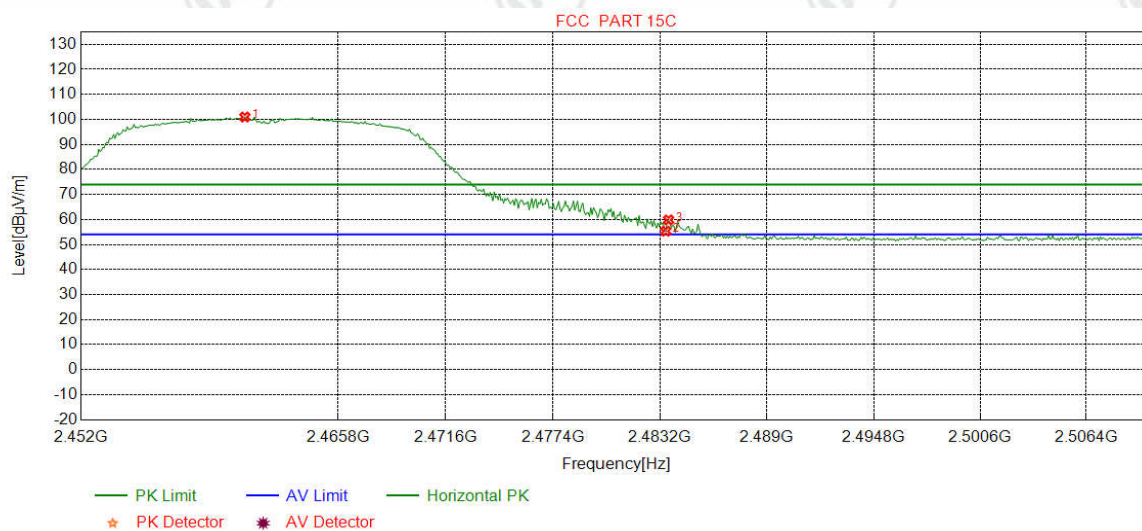
Test Graph



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	39.12	41.62	54.00	12.38	Pass	Vertical
2	2413.3417	32.28	13.36	-43.12	68.32	70.84	54.00	-16.84	Pass	Vertical

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

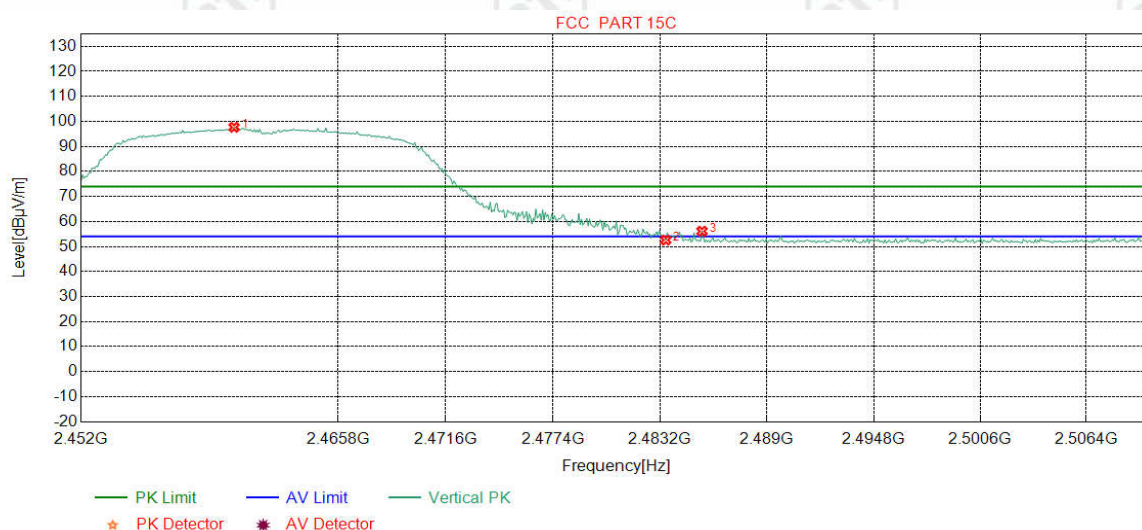
Test Graph



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	2460.7835	32.35	13.48	-43.11	98.24	100.96	74.00	-26.96	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	52.66	55.31	74.00	18.69	Pass	Horizontal
3	2483.6496	32.38	13.38	-43.11	57.20	59.85	74.00	14.15	Pass	Horizontal

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

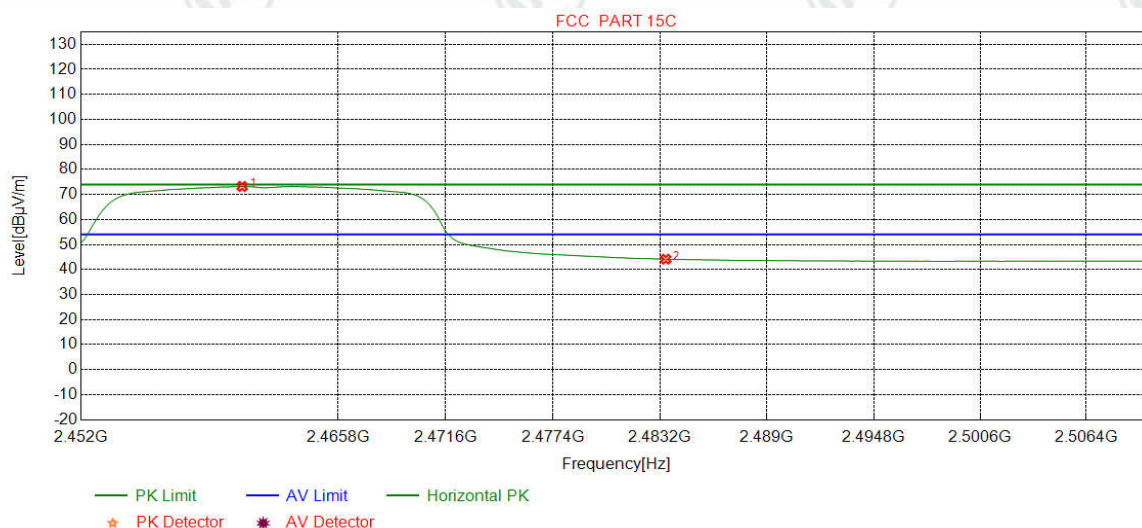
Test Graph



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	2460.2028	32.34	13.48	-43.10	94.92	97.64	74.00	-23.64	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	49.93	52.58	74.00	21.42	Pass	Vertical
3	2485.4643	32.38	13.37	-43.11	53.46	56.10	74.00	17.90	Pass	Vertical

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

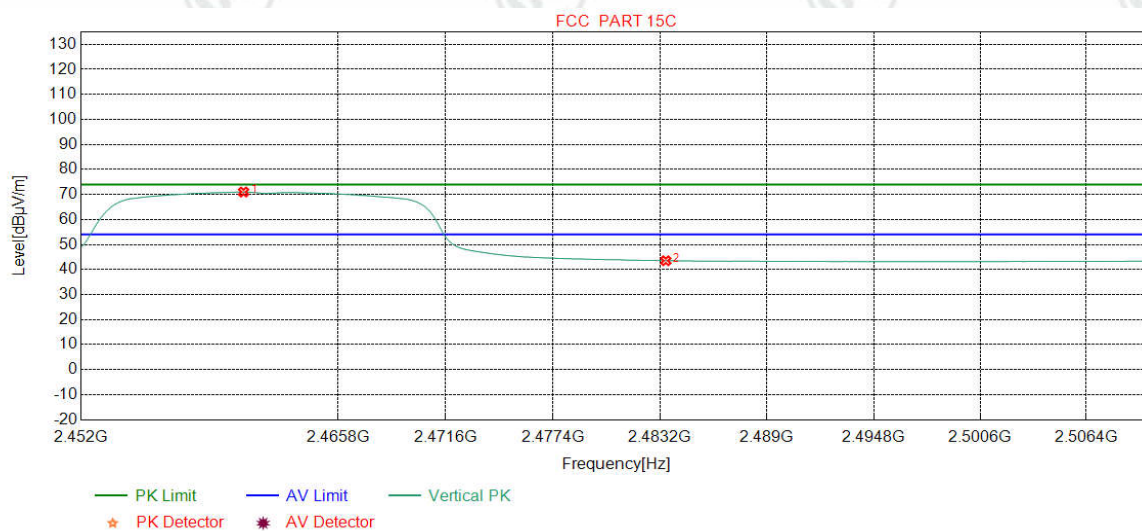
Test Graph



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	2460.6383	32.34	13.48	-43.10	70.46	73.18	54.00	-19.18	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	41.49	44.14	54.00	9.86	Pass	Horizontal

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

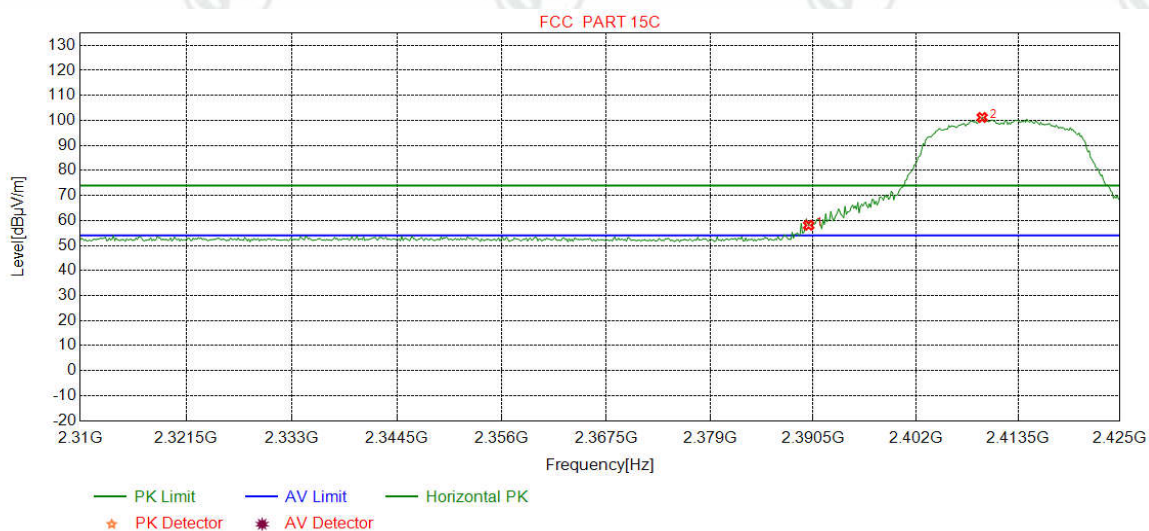
Test Graph



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	2460.7109	32.34	13.48	-43.10	68.28	71.00	54.00	-17.00	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.87	43.52	54.00	10.48	Pass	Vertical

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

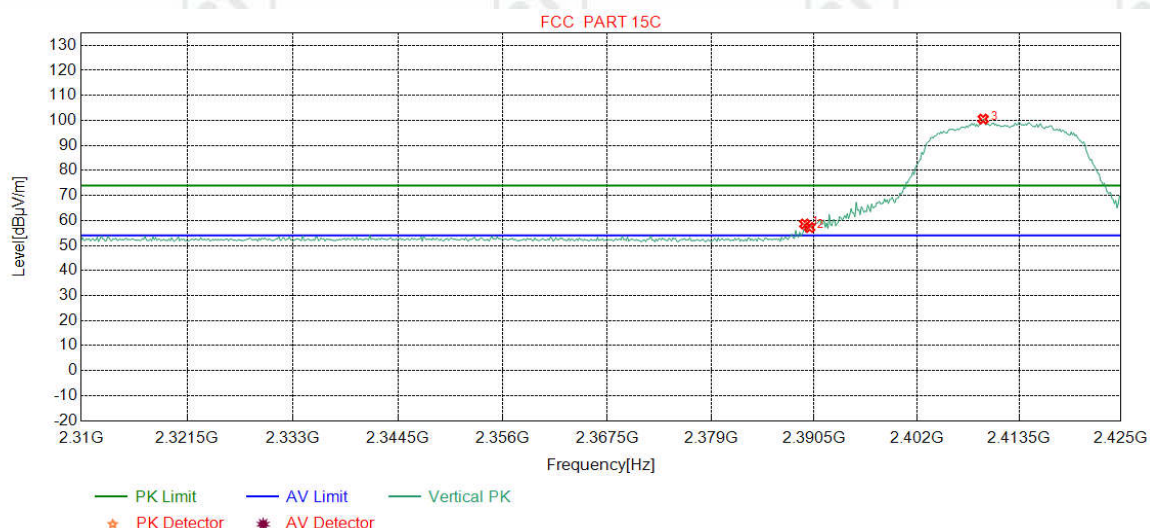
Test Graph



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	55.59	58.09	74.00	15.91	Pass	Horizontal
2	2409.4556	32.27	13.34	-43.11	98.68	101.18	74.00	-27.18	Pass	Horizontal

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

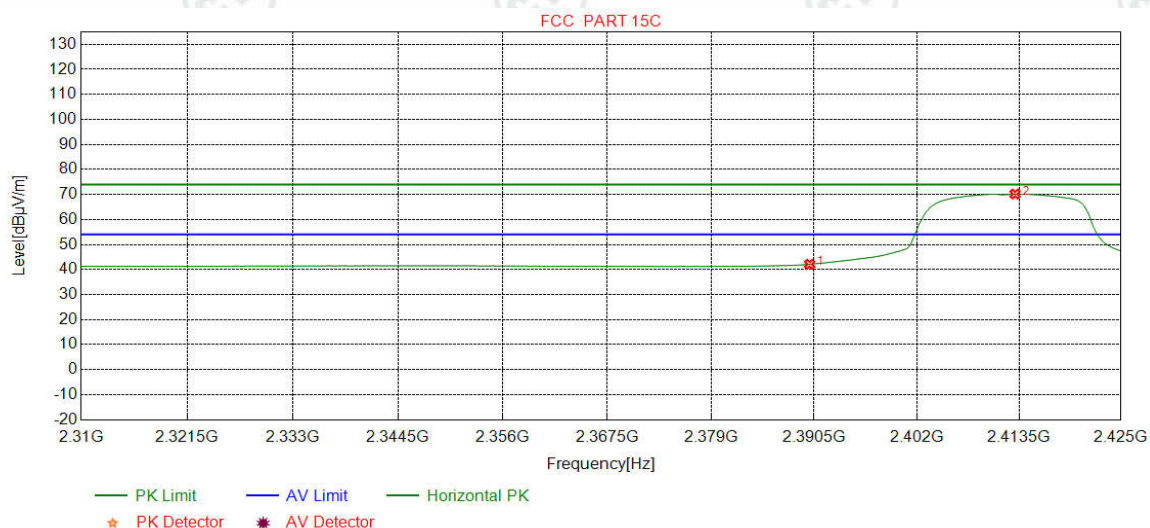
Test Graph



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	2389.4493	32.25	13.38	-43.13	56.12	58.62	74.00	15.38	Pass	Vertical
2	2390.0000	32.25	13.37	-43.12	54.71	57.21	74.00	16.79	Pass	Vertical
3	2409.4556	32.27	13.34	-43.11	98.04	100.54	74.00	-26.54	Pass	Vertical

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

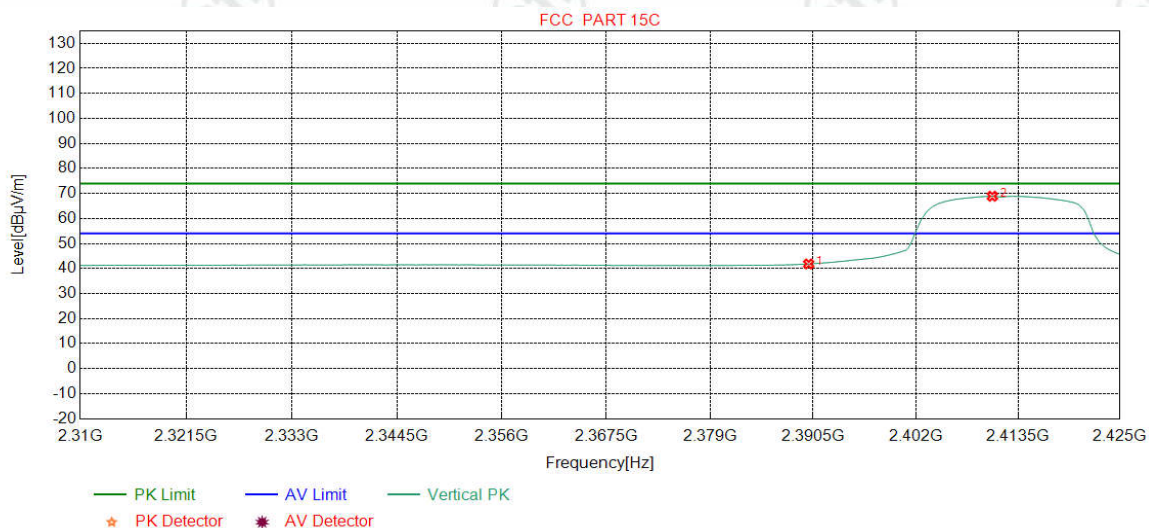
Test Graph



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	39.60	42.10	54.00	11.90	Pass	Horizontal
2	2413.0538	32.28	13.36	-43.12	67.65	70.17	54.00	-16.17	Pass	Horizontal

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

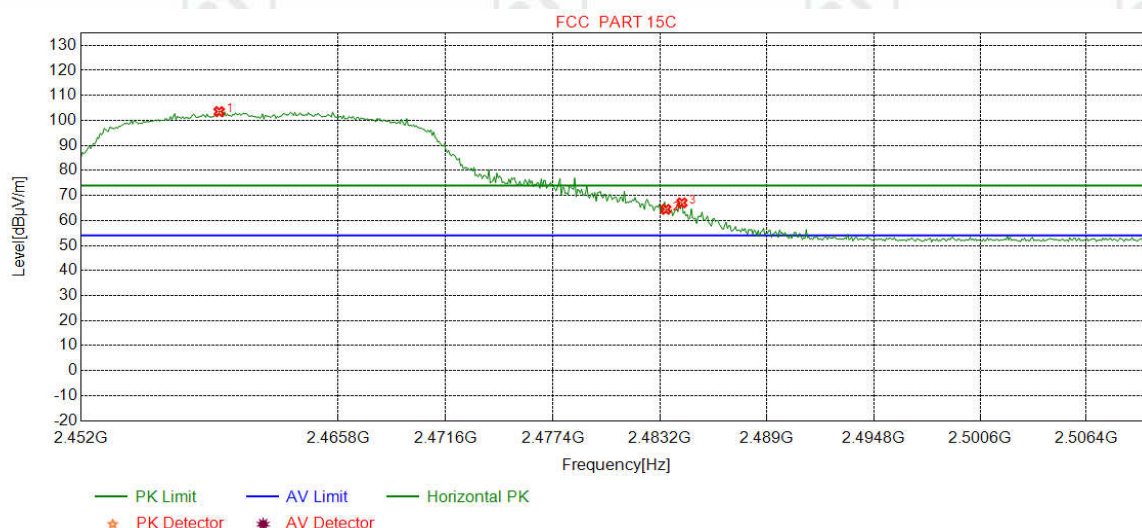
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-43.12	39.32	41.82	54.00	12.18	Pass	Vertical
2	2410.6070	32.27	13.35	-43.11	66.39	68.90	54.00	-14.90	Pass	Vertical

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

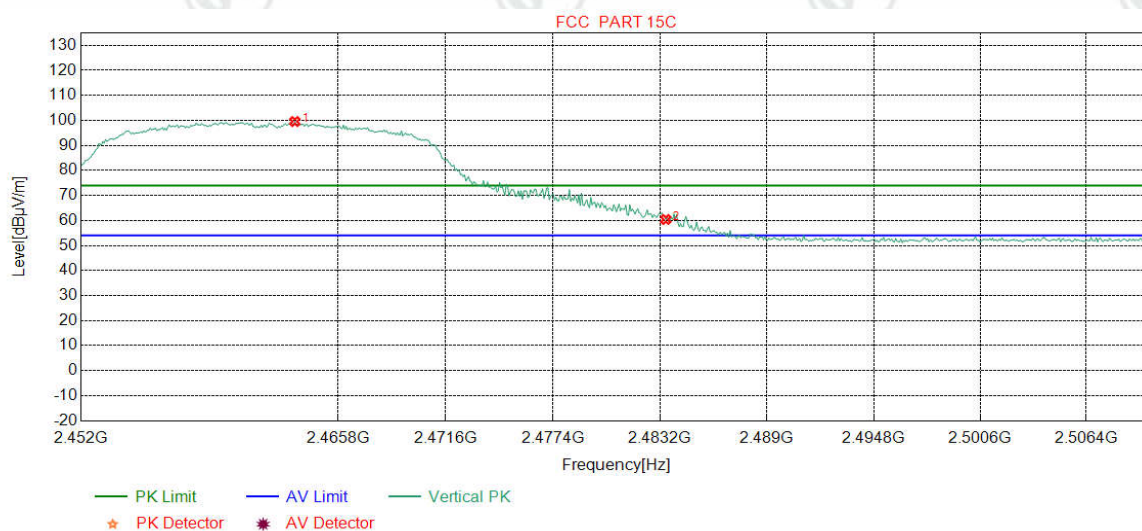
Test Graph



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	2459.4043	32.34	13.49	-43.11	100.79	103.51	74.00	-29.51	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	61.78	64.43	74.00	9.57	Pass	Horizontal
3	2484.3755	32.38	13.37	-43.10	64.40	67.05	74.00	6.95	Pass	Horizontal

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

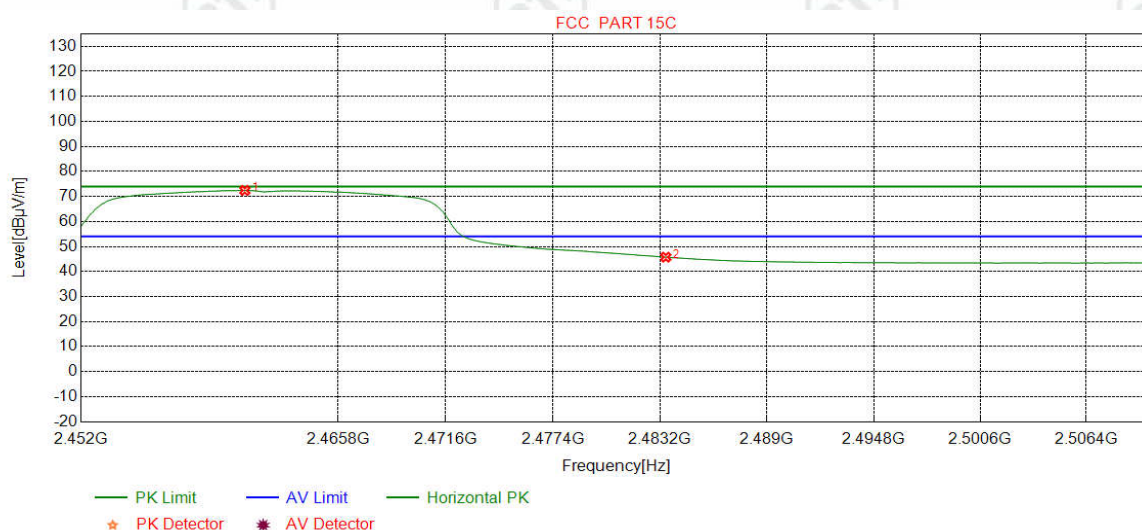
Test Graph



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	2463.4693	32.35	13.47	-43.11	96.84	99.55	74.00	-25.55	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	57.75	60.40	74.00	13.60	Pass	Vertical

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

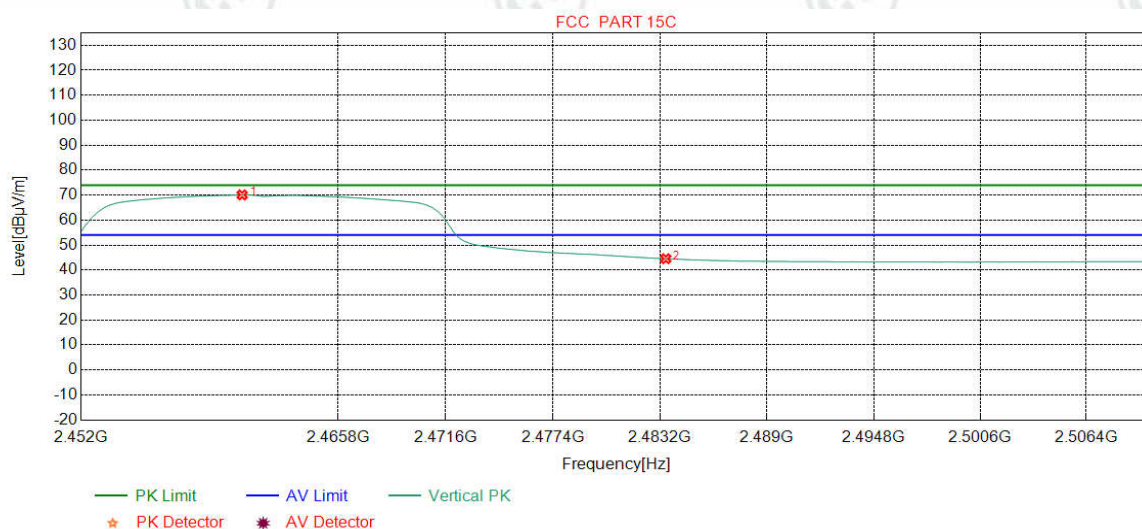
Test Graph



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	2460.7835	32.35	13.48	-43.11	69.70	72.42	54.00	-18.42	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	43.09	45.74	54.00	8.26	Pass	Horizontal

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

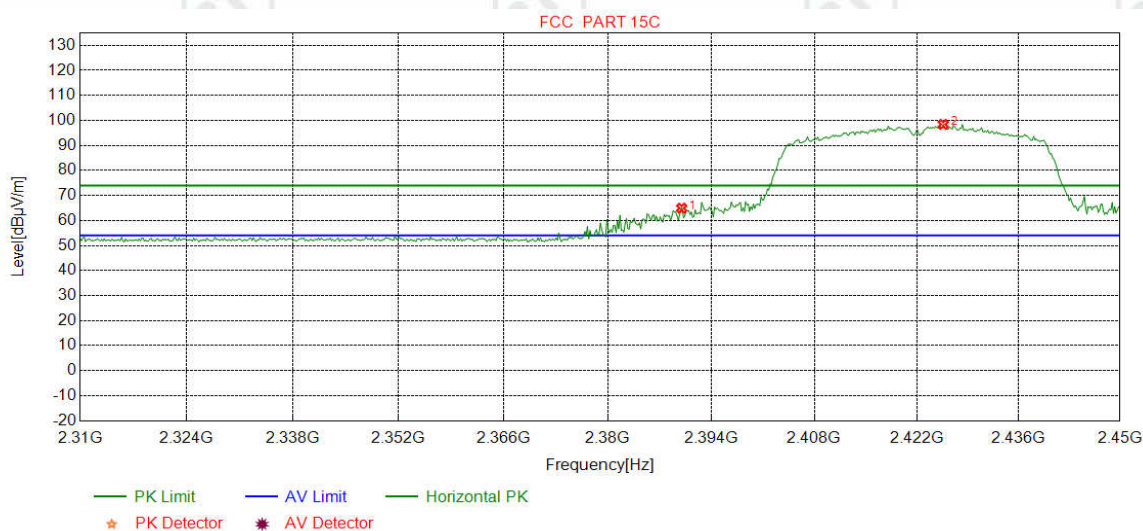
Test Graph



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	2460.6383	32.34	13.48	-43.10	67.36	70.08	54.00	-16.08	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	41.87	44.52	54.00	9.48	Pass	Vertical

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

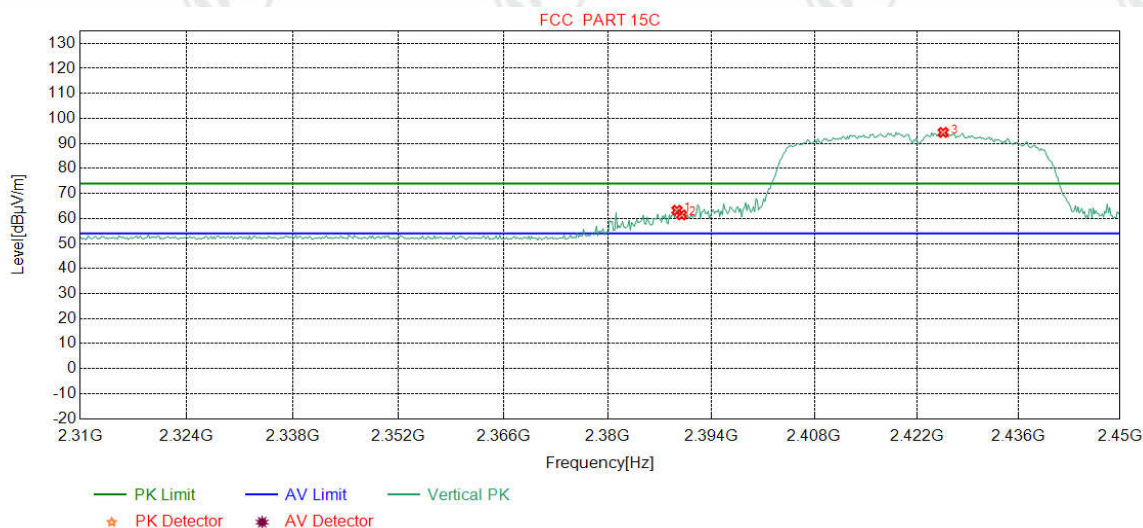
Test Graph



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	62.42	64.92	74.00	9.08	Pass	Horizontal
2	2425.6446	32.30	13.42	-43.12	95.81	98.41	74.00	-24.41	Pass	Horizontal

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

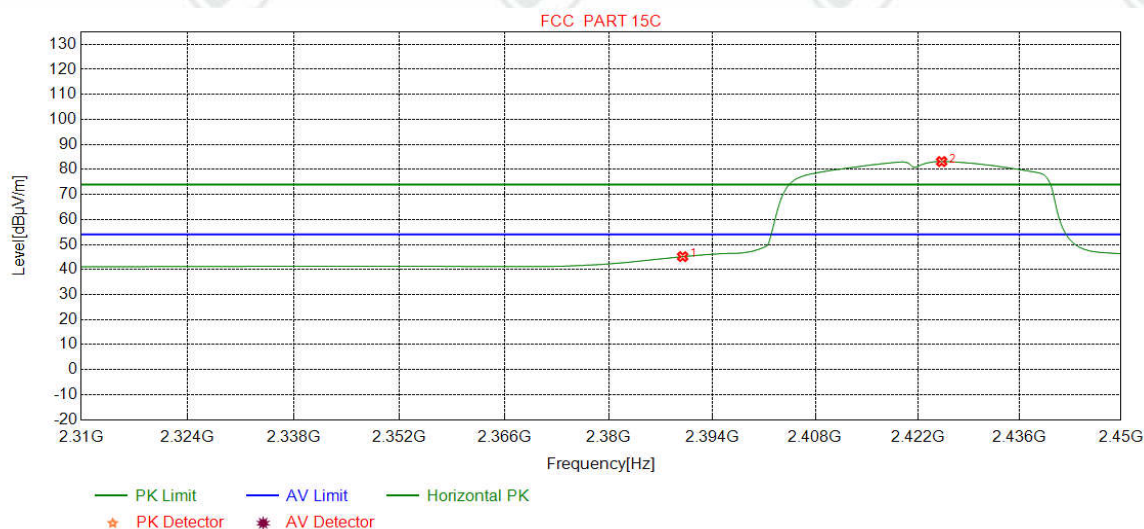
Test Graph



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	2389.3742	32.25	13.38	-43.13	60.77	63.27	74.00	10.73	Pass	Vertical
2	2390.0000	32.25	13.37	-43.12	58.94	61.44	74.00	12.56	Pass	Vertical
3	2425.6446	32.30	13.42	-43.12	91.79	94.39	74.00	-20.39	Pass	Vertical

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

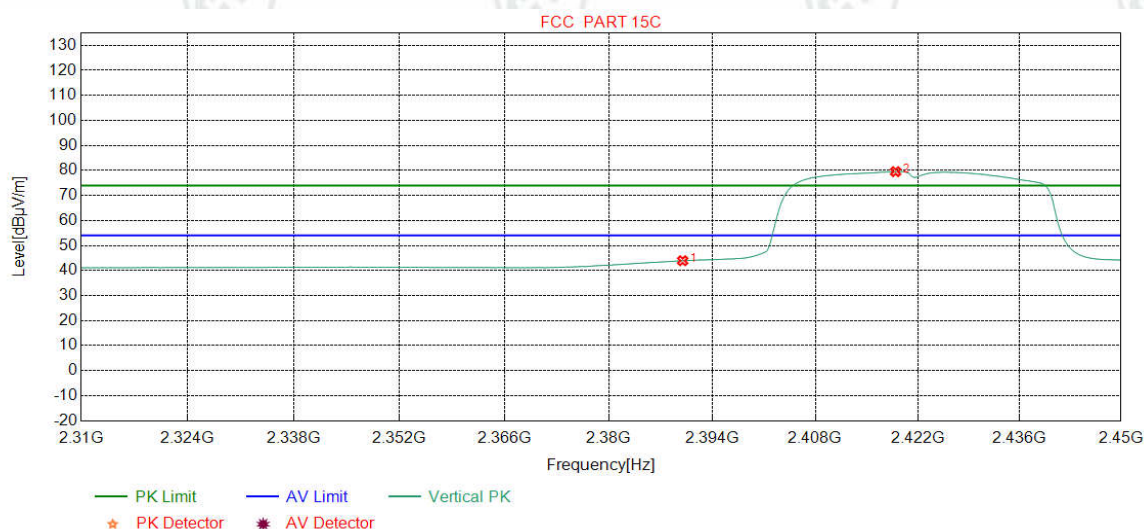
Test Graph



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	42.66	45.16	54.00	8.84	Pass	Horizontal
2	2425.2941	32.30	13.42	-43.12	80.54	83.14	54.00	-29.14	Pass	Horizontal

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

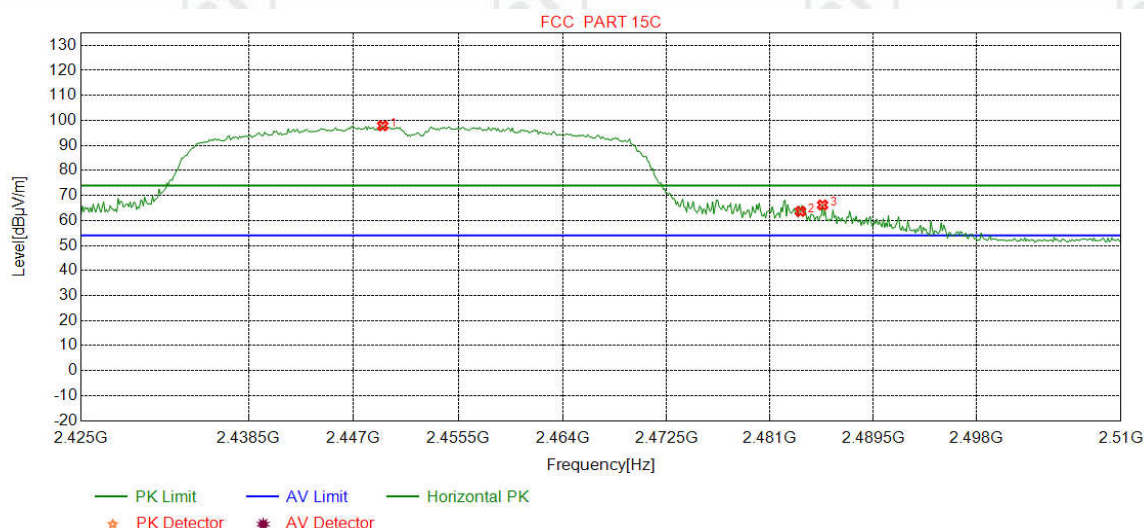
Test Graph



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	41.42	43.92	54.00	10.08	Pass	Vertical
2	2418.9862	32.29	13.39	-43.12	76.95	79.51	54.00	-25.51	Pass	Vertical

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

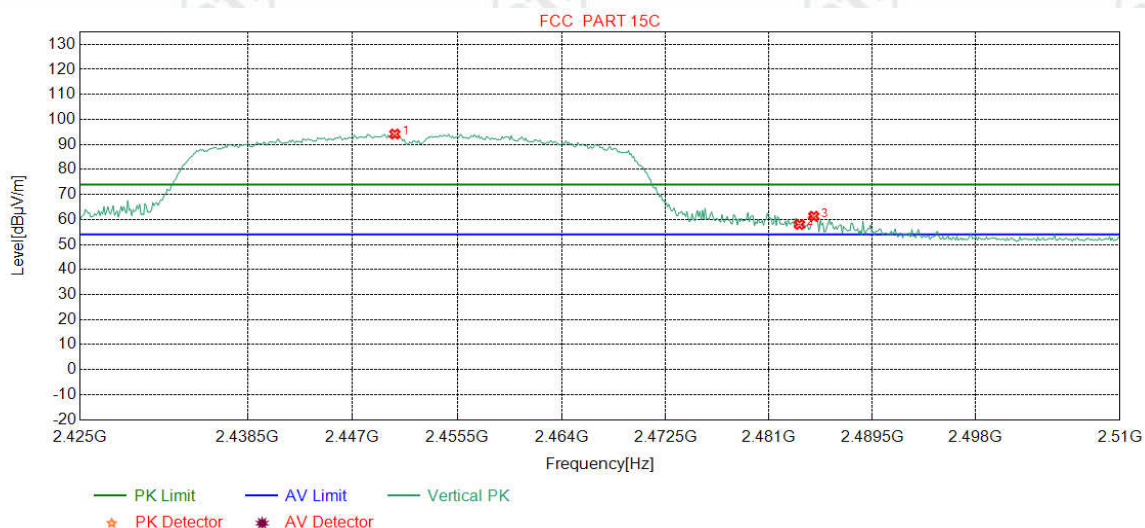
Test Graph



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	2449.3617	32.33	13.53	-43.11	95.09	97.84	74.00	-23.84	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	60.95	63.60	74.00	10.40	Pass	Horizontal
3	2485.3191	32.38	13.37	-43.11	63.56	66.20	74.00	7.80	Pass	Horizontal

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

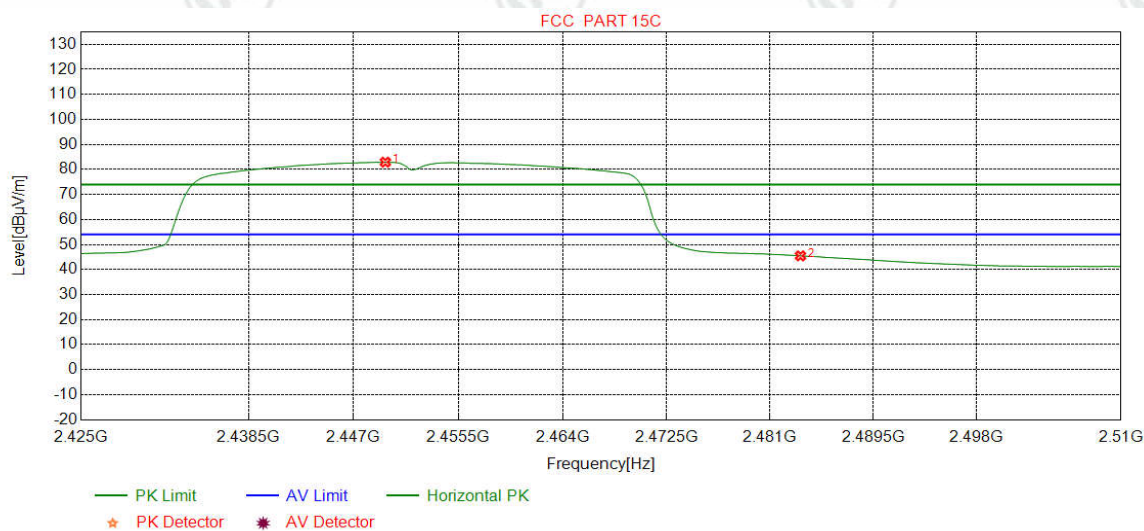
Test Graph



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	2450.4255	32.33	13.53	-43.11	91.39	94.14	74.00	-20.14	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	55.37	58.02	74.00	15.98	Pass	Vertical
3	2484.6809	32.38	13.37	-43.10	58.64	61.29	74.00	12.71	Pass	Vertical

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

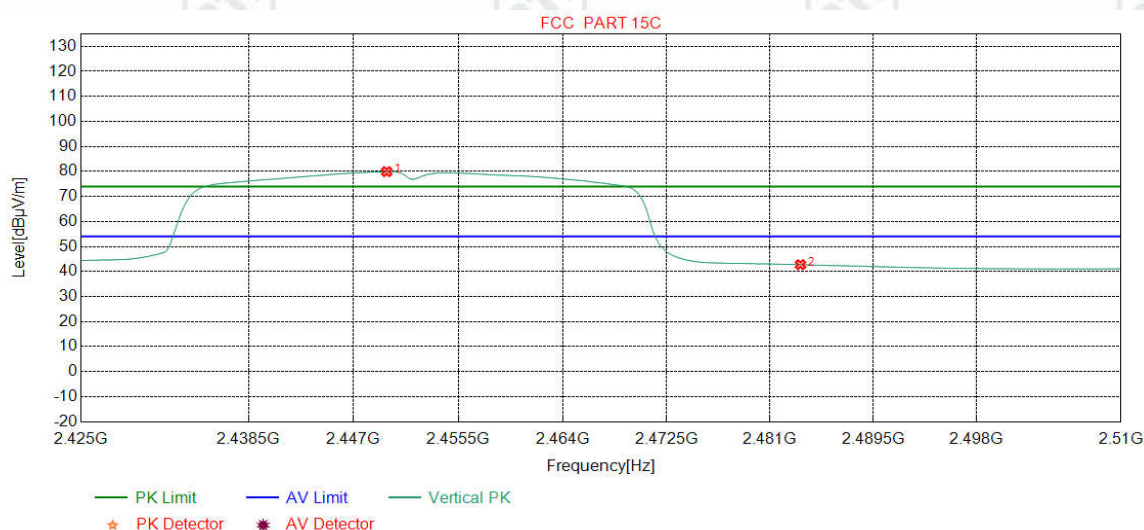
Test Graph



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	2449.5745	32.33	13.53	-43.11	80.16	82.91	54.00	-28.91	Pass	Horizontal
2	2483.5000	32.38	13.38	-43.11	42.82	45.47	54.00	8.53	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	2449.6809	32.33	13.53	-43.11	77.18	79.93	54.00	-25.93	Pass	Vertical
2	2483.5000	32.38	13.38	-43.11	40.10	42.75	54.00	11.25	Pass	Vertical

Note:

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps of rate is the worst case of 802.11n(HT40), and then Only the worst case is recorded in the report.

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

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

Appendix I): Radiated Spurious Emissions

Receiver Setup:

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

Test Procedure:

Below 1GHz test procedure as below:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic 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 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	76.0796	7.84	1.02	-31.96	47.29	24.19	40.00	15.81	Pass	H	PK
2	124.0024	8.60	1.31	-32.05	57.88	35.74	43.50	7.76	Pass	H	PK
3	168.0448	8.34	1.52	-31.96	56.42	34.32	43.50	9.18	Pass	H	PK
4	224.0194	11.52	1.78	-31.93	53.55	34.92	46.00	11.08	Pass	H	PK
5	351.9752	14.34	2.24	-31.86	44.79	29.51	46.00	16.49	Pass	H	PK
6	792.0112	20.81	3.37	-31.98	41.83	34.03	46.00	11.97	Pass	H	PK
7	42.0292	12.67	0.73	-31.47	46.72	28.65	40.00	11.35	Pass	V	PK
8	150.0010	7.55	1.45	-32.01	48.77	25.76	43.50	17.74	Pass	V	PK
9	224.0194	11.52	1.78	-31.93	48.07	29.44	46.00	16.56	Pass	V	PK
10	288.0458	12.96	2.02	-31.89	46.03	29.12	46.00	16.88	Pass	V	PK
11	575.9706	18.52	2.87	-31.99	39.57	28.97	46.00	17.03	Pass	V	PK
12	863.9924	21.67	3.53	-31.75	41.91	35.36	46.00	10.64	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 [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1120.0120	28.02	2.61	-42.97	53.71	41.37	74.00	32.63	Pass	H	PK
2	1901.2901	31.05	3.42	-42.96	51.20	42.71	74.00	31.29	Pass	H	PK
3	3027.0018	33.21	4.88	-43.10	50.26	45.25	74.00	28.75	Pass	H	PK
4	4824.0000	34.50	4.61	-42.80	55.09	51.40	74.00	22.60	Pass	H	PK
5	7236.0000	36.34	5.79	-42.16	46.46	46.43	74.00	27.57	Pass	H	PK
6	9648.0000	37.66	6.72	-42.10	46.30	48.58	74.00	25.42	Pass	H	PK
7	1791.8792	30.33	3.31	-42.71	52.46	43.39	74.00	30.61	Pass	V	PK
8	2852.3852	32.96	4.24	-43.10	51.05	45.15	74.00	28.85	Pass	V	PK
9	3867.0578	33.69	4.35	-43.02	50.51	45.53	74.00	28.47	Pass	V	PK
10	4824.0000	34.50	4.61	-42.80	50.38	46.69	74.00	27.31	Pass	V	PK
11	7236.0000	36.34	5.79	-42.16	47.09	47.06	74.00	26.94	Pass	V	PK
12	9648.0000	37.66	6.72	-42.10	46.43	48.71	74.00	25.29	Pass	V	PK

Mode:		802.11 b(11Mbps) Transmitting						Channel:		2437	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1119.8120	28.02	2.61	-42.97	53.20	40.86	74.00	33.14	Pass	H	PK
2	1403.6404	28.30	2.90	-42.69	51.90	40.41	74.00	33.59	Pass	H	PK
3	3157.0105	33.26	4.58	-43.10	50.77	45.51	74.00	28.49	Pass	H	PK
4	4884.1256	34.50	4.82	-42.80	53.75	50.27	74.00	23.73	Pass	H	PK
5	7311.0000	36.41	5.85	-42.14	45.83	45.95	74.00	28.05	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	46.98	49.35	74.00	24.65	Pass	H	PK
7	1120.0120	28.02	2.61	-42.97	52.64	40.30	74.00	33.70	Pass	V	PK
8	1747.2747	30.03	3.23	-42.68	54.19	44.77	74.00	29.23	Pass	V	PK
9	3083.0055	33.23	4.76	-43.10	50.73	45.62	74.00	28.38	Pass	V	PK
10	4884.1256	34.50	4.82	-42.80	51.52	48.04	74.00	25.96	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	47.23	47.35	74.00	26.65	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	47.17	49.54	74.00	24.46	Pass	V	PK

Mode:		802.11 b(11Mbps) Transmitting						Channel:		2462	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1119.8120	28.02	2.61	-42.97	53.47	41.13	74.00	32.87	Pass	H	PK
2	1791.8792	30.33	3.31	-42.71	50.96	41.89	74.00	32.11	Pass	H	PK
3	3069.0046	33.23	4.79	-43.10	50.50	45.42	74.00	28.58	Pass	H	PK
4	4944.1296	34.50	4.83	-42.80	52.93	49.46	74.00	24.54	Pass	H	PK
5	7386.0000	36.49	5.85	-42.13	46.32	46.53	74.00	27.47	Pass	H	PK
6	9848.0000	37.74	6.83	-42.10	46.32	48.79	74.00	25.21	Pass	H	PK
7	1120.0120	28.02	2.61	-42.97	53.94	41.60	74.00	32.40	Pass	V	PK
8	1823.8824	30.54	3.35	-42.77	51.42	42.54	74.00	31.46	Pass	V	PK
9	3333.0222	33.33	4.54	-43.10	50.95	45.72	74.00	28.28	Pass	V	PK
10	4944.1296	34.50	4.83	-42.80	50.73	47.26	74.00	26.74	Pass	V	PK
11	7386.0000	36.49	5.85	-42.13	46.70	46.91	74.00	27.09	Pass	V	PK
12	9848.0000	37.74	6.83	-42.10	47.10	49.57	74.00	24.43	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	1441.6442	28.34	2.94	-42.85	52.16	40.59	74.00	33.41	Pass	H	PK
2	2037.3037	31.75	3.54	-43.19	51.33	43.43	74.00	30.57	Pass	H	PK
3	2947.1947	33.12	4.40	-43.11	51.02	45.43	74.00	28.57	Pass	H	PK
4	4823.1215	34.50	4.60	-42.80	51.66	47.96	74.00	26.04	Pass	H	PK
5	7236.0000	36.34	5.79	-42.16	46.41	46.38	74.00	27.62	Pass	H	PK
6	9648.0000	37.66	6.72	-42.10	46.29	48.57	74.00	25.43	Pass	H	PK
7	1120.0120	28.02	2.61	-42.97	52.39	40.05	74.00	33.95	Pass	V	PK
8	1792.6793	30.33	3.31	-42.71	51.32	42.25	74.00	31.75	Pass	V	PK
9	3580.0387	33.46	4.38	-43.08	50.01	44.77	74.00	29.23	Pass	V	PK
10	4824.0000	34.50	4.61	-42.80	47.87	44.18	74.00	29.82	Pass	V	PK
11	7236.0000	36.34	5.79	-42.16	46.65	46.62	74.00	27.38	Pass	V	PK
12	9648.0000	37.66	6.72	-42.10	46.37	48.65	74.00	25.35	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	1120.4120	28.02	2.61	-42.97	52.97	40.63	74.00	33.37	Pass	H	PK
2	1791.8792	30.33	3.31	-42.71	51.84	42.77	74.00	31.23	Pass	H	PK
3	3187.0125	33.27	4.63	-43.10	50.49	45.29	74.00	28.71	Pass	H	PK
4	4880.1253	34.50	4.80	-42.80	53.96	50.46	74.00	23.54	Pass	H	PK
5	7311.0000	36.41	5.85	-42.14	46.25	46.37	74.00	27.63	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	47.08	49.45	74.00	24.55	Pass	H	PK
7	1119.6120	28.02	2.61	-42.97	54.41	42.07	74.00	31.93	Pass	V	PK
8	1791.6792	30.33	3.31	-42.72	51.62	42.54	74.00	31.46	Pass	V	PK
9	2928.3928	33.09	4.39	-43.10	51.37	45.75	74.00	28.25	Pass	V	PK
10	4874.0000	34.50	4.78	-42.80	47.21	43.69	74.00	30.31	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	45.60	45.72	74.00	28.28	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	46.22	48.59	74.00	25.41	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	1120.2120	28.02	2.61	-42.97	53.44	41.10	74.00	32.90	Pass	H	PK
2	1872.2872	30.86	3.40	-42.89	51.02	42.39	74.00	31.61	Pass	H	PK
3	3345.0230	33.34	4.53	-43.11	50.13	44.89	74.00	29.11	Pass	H	PK
4	4924.0000	34.50	4.85	-42.80	48.83	45.38	74.00	28.62	Pass	H	PK
5	7386.0000	36.49	5.85	-42.13	46.72	46.93	74.00	27.07	Pass	H	PK
6	9848.0000	37.74	6.83	-42.10	46.21	48.68	74.00	25.32	Pass	H	PK
7	1120.0120	28.02	2.61	-42.97	52.57	40.23	74.00	33.77	Pass	V	PK
8	1791.8792	30.33	3.31	-42.71	51.44	42.37	74.00	31.63	Pass	V	PK
9	3022.0015	33.21	4.89	-43.11	50.71	45.70	74.00	28.30	Pass	V	PK
10	4924.0000	34.50	4.85	-42.80	48.25	44.80	74.00	29.20	Pass	V	PK
11	7386.0000	36.49	5.85	-42.13	46.64	46.85	74.00	27.15	Pass	V	PK
12	9848.0000	37.74	6.83	-42.10	46.86	49.33	74.00	24.67	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) Transmitting						Channel:		2412	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1361.4361	28.26	2.84	-42.72	52.17	40.55	74.00	33.45	Pass	H	PK
2	1669.6670	29.52	3.16	-42.73	52.51	42.46	74.00	31.54	Pass	H	PK
3	3196.0131	33.28	4.64	-43.10	50.66	45.48	74.00	28.52	Pass	H	PK
4	4824.0000	34.50	4.61	-42.80	49.74	46.05	74.00	27.95	Pass	H	PK
5	7236.0000	36.34	5.79	-42.16	45.56	45.53	74.00	28.47	Pass	H	PK
6	9648.0000	37.66	6.72	-42.10	45.54	47.82	74.00	26.18	Pass	H	PK
7	1120.2120	28.02	2.61	-42.97	54.27	41.93	74.00	32.07	Pass	V	PK
8	1792.0792	30.33	3.31	-42.71	52.91	43.84	74.00	30.16	Pass	V	PK
9	2923.1923	33.08	4.39	-43.10	51.85	46.22	74.00	27.78	Pass	V	PK
10	4824.0000	34.50	4.61	-42.80	47.78	44.09	74.00	29.91	Pass	V	PK
11	7236.0000	36.34	5.79	-42.16	45.92	45.89	74.00	28.11	Pass	V	PK
12	9648.0000	37.66	6.72	-42.10	45.28	47.56	74.00	26.44	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) Transmitting						Channel:		2437	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1319.6320	28.22	2.78	-42.77	52.11	40.34	74.00	33.66	Pass	H	PK
2	1722.6723	29.87	3.21	-42.67	51.46	41.87	74.00	32.13	Pass	H	PK
3	3812.0541	33.65	4.37	-43.04	50.15	45.13	74.00	28.87	Pass	H	PK
4	4874.0000	34.50	4.78	-42.80	51.33	47.81	74.00	26.19	Pass	H	PK
5	7311.0000	36.41	5.85	-42.14	46.19	46.31	74.00	27.69	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	46.53	48.90	74.00	25.10	Pass	H	PK
7	1119.8120	28.02	2.61	-42.97	53.00	40.66	74.00	33.34	Pass	V	PK
8	2063.9064	31.79	3.57	-43.19	52.45	44.62	74.00	29.38	Pass	V	PK
9	3793.0529	33.63	4.37	-43.04	50.70	45.66	74.00	28.34	Pass	V	PK
10	4874.0000	34.50	4.78	-42.80	49.39	45.87	74.00	28.13	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	45.78	45.90	74.00	28.10	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	46.58	48.95	74.00	25.05	Pass	V	PK

Mode:		802.11 n(HT20) (6.5Mbps) Transmitting						Channel:		2462	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1120.4120	28.02	2.61	-42.97	53.23	40.89	74.00	33.11	Pass	H	PK
2	1970.6971	31.51	3.44	-43.13	51.55	43.37	74.00	30.63	Pass	H	PK
3	4510.1007	34.50	4.65	-42.80	51.65	48.00	74.00	26.00	Pass	H	PK
4	4924.0000	34.50	4.85	-42.80	47.83	44.38	74.00	29.62	Pass	H	PK
5	7386.0000	36.49	5.85	-42.13	47.18	47.39	74.00	26.61	Pass	H	PK
6	9848.0000	37.74	6.83	-42.10	46.32	48.79	74.00	25.21	Pass	H	PK
7	1119.8120	28.02	2.61	-42.97	53.84	41.50	74.00	32.50	Pass	V	PK
8	1713.0713	29.81	3.21	-42.67	53.41	43.76	74.00	30.24	Pass	V	PK
9	3189.0126	33.28	4.63	-43.10	50.61	45.42	74.00	28.58	Pass	V	PK
10	4924.0000	34.50	4.85	-42.80	47.47	44.02	74.00	29.98	Pass	V	PK
11	7386.0000	36.49	5.85	-42.13	47.06	47.27	74.00	26.73	Pass	V	PK
12	9848.0000	37.74	6.83	-42.10	46.21	48.68	74.00	25.32	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) Transmitting						Channel:		2422	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1120.2120	28.02	2.61	-42.97	52.18	39.84	74.00	34.16	Pass	H	PK
2	1624.8625	29.22	3.10	-42.83	51.40	40.89	74.00	33.11	Pass	H	PK
3	3405.0270	33.36	4.55	-43.10	49.96	44.77	74.00	29.23	Pass	H	PK
4	4844.0000	34.50	4.66	-42.80	49.08	45.44	74.00	28.56	Pass	H	PK
5	7266.0000	36.37	5.80	-42.15	45.78	45.80	74.00	28.20	Pass	H	PK
6	9688.0000	37.68	6.62	-42.10	45.39	47.59	74.00	26.41	Pass	H	PK
7	1120.0120	28.02	2.61	-42.97	53.18	40.84	74.00	33.16	Pass	V	PK
8	1791.6792	30.33	3.31	-42.72	51.77	42.69	74.00	31.31	Pass	V	PK
9	3494.0329	33.40	4.48	-43.10	50.17	44.95	74.00	29.05	Pass	V	PK
10	4844.0000	34.50	4.66	-42.80	46.76	43.12	74.00	30.88	Pass	V	PK
11	7266.0000	36.37	5.80	-42.15	45.22	45.24	74.00	28.76	Pass	V	PK
12	9688.0000	37.68	6.62	-42.10	46.55	48.75	74.00	25.25	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) Transmitting						Channel:		2437	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1384.8385	28.28	2.88	-42.70	51.44	39.90	74.00	34.10	Pass	H	PK
2	2080.3080	31.81	3.57	-43.18	51.98	44.18	74.00	29.82	Pass	H	PK
3	3695.0463	33.56	4.25	-43.07	49.89	44.63	74.00	29.37	Pass	H	PK
4	4874.0000	34.50	4.78	-42.80	50.08	46.56	74.00	27.44	Pass	H	PK
5	7311.0000	36.41	5.85	-42.14	45.84	45.96	74.00	28.04	Pass	H	PK
6	9748.0000	37.70	6.77	-42.10	46.40	48.77	74.00	25.23	Pass	H	PK
7	1119.8120	28.02	2.61	-42.97	52.88	40.54	74.00	33.46	Pass	V	PK
8	1792.2792	30.33	3.31	-42.71	51.54	42.47	74.00	31.53	Pass	V	PK
9	3457.0305	33.38	4.44	-43.10	49.55	44.27	74.00	29.73	Pass	V	PK
10	4874.0000	34.50	4.78	-42.80	47.49	43.97	74.00	30.03	Pass	V	PK
11	7311.0000	36.41	5.85	-42.14	46.23	46.35	74.00	27.65	Pass	V	PK
12	9748.0000	37.70	6.77	-42.10	45.80	48.17	74.00	25.83	Pass	V	PK

Mode:		802.11 n(HT40) (13.5Mbps) Transmitting						Channel:		2452	
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1221.2221	28.12	2.67	-42.87	51.94	39.86	74.00	34.14	Pass	H	PK
2	2039.3039	31.76	3.54	-43.20	51.21	43.31	74.00	30.69	Pass	H	PK
3	3067.0045	33.23	4.79	-43.10	50.28	45.20	74.00	28.80	Pass	H	PK
4	4904.0000	34.50	4.88	-42.80	49.11	45.69	74.00	28.31	Pass	H	PK
5	7356.0000	36.46	5.85	-42.13	46.94	47.12	74.00	26.88	Pass	H	PK
6	9808.0000	37.72	6.59	-42.10	46.90	49.11	74.00	24.89	Pass	H	PK
7	1032.2032	27.93	2.47	-43.06	53.31	40.65	74.00	33.35	Pass	V	PK
8	1792.2792	30.33	3.31	-42.71	51.77	42.70	74.00	31.30	Pass	V	PK
9	3182.0121	33.27	4.62	-43.10	50.35	45.14	74.00	28.86	Pass	V	PK
10	4904.0000	34.50	4.88	-42.80	47.67	44.25	74.00	29.75	Pass	V	PK
11	7356.0000	36.46	5.85	-42.13	45.84	46.02	74.00	27.98	Pass	V	PK
12	9808.0000	37.72	6.59	-42.10	46.69	48.90	74.00	25.10	Pass	V	PK

Note:

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps of rate is the worst case of 802.11n(HT40), and then Only the worst case is recorded in the report.

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

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

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