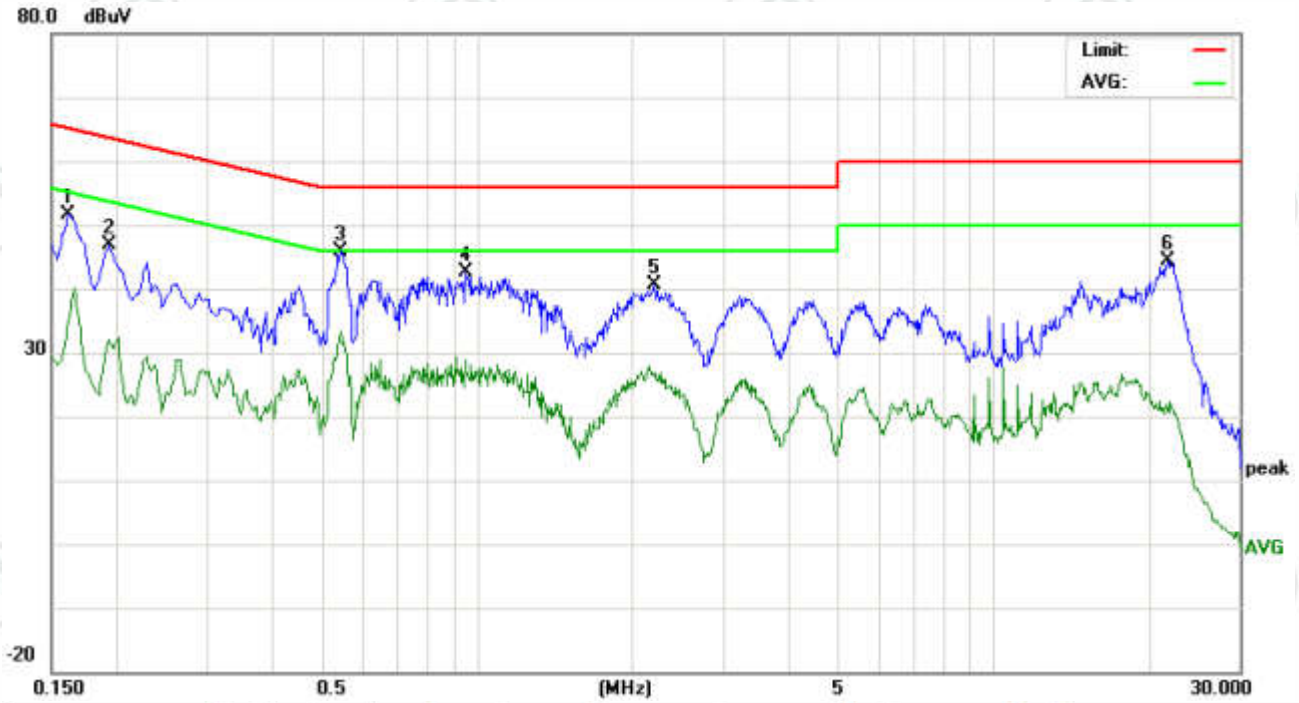
Neutral line:



No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1620	41.69	38.21	24.75	9.91	51.60	48.12	34.66	65.36	55.36	-17.24	-20.70	P	
2	0.1940	37.00	34.05	22.20	9.91	46.91	43.96	32.11	63.86	53.86	-19.90	-21.75	P	
3	0.5460	35.86	31.52	23.37	9.96	45.82	41.48	33.33	56.00	46.00	-14.52	-12.67	P	
4	0.9500	32.91	29.57	19.16	9.82	42.73	39.39	28.98	56.00	46.00	-16.61	-17.02	P	
5	2.2100	30.92	26.81	17.13	9.72	40.64	36.53	26.85	56.00	46.00	-19.47	-19.15	P	
6	21.7500	34.35	31.52	11.12	9.92	44.27	41.44	21.04	60.00	50.00	-18.56	-28.96	P	

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:

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:

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 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. 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:

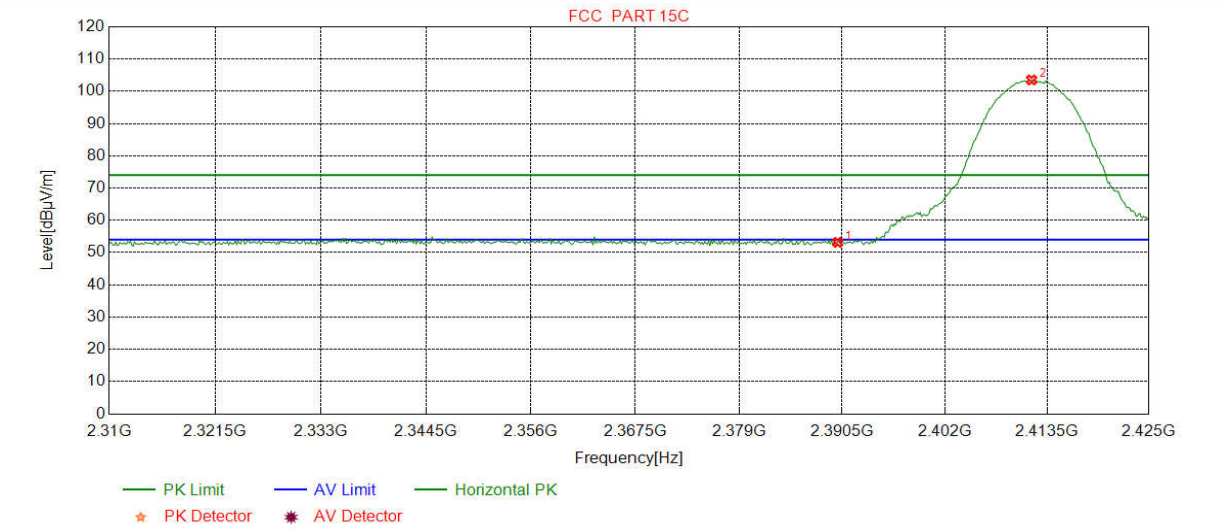
g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter).
h. Test the EUT in the lowest channel , the Highest channel
i. The radiation measurements are 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	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

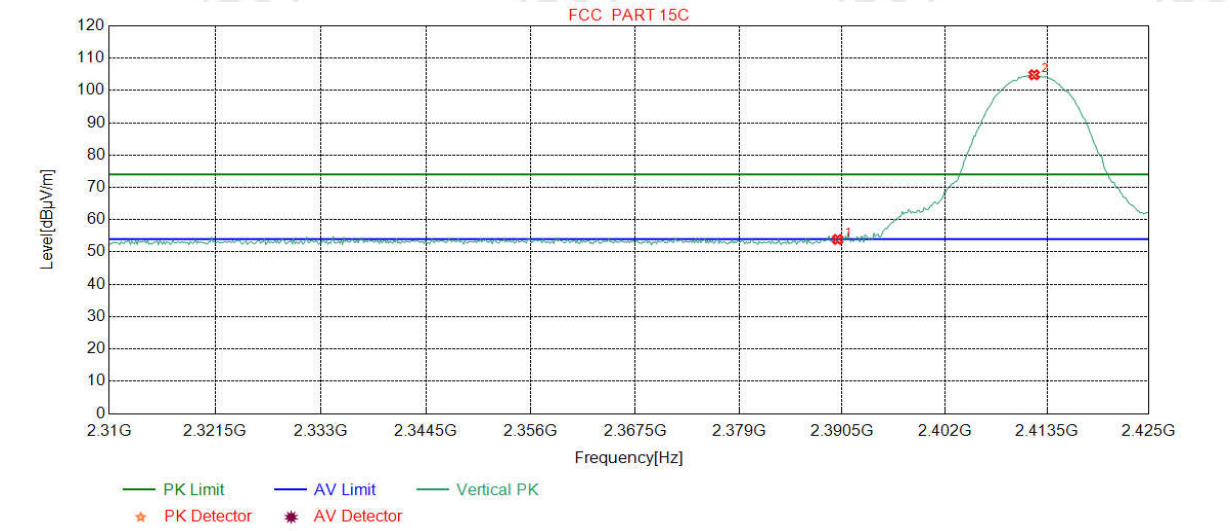
Test plot as follows:

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



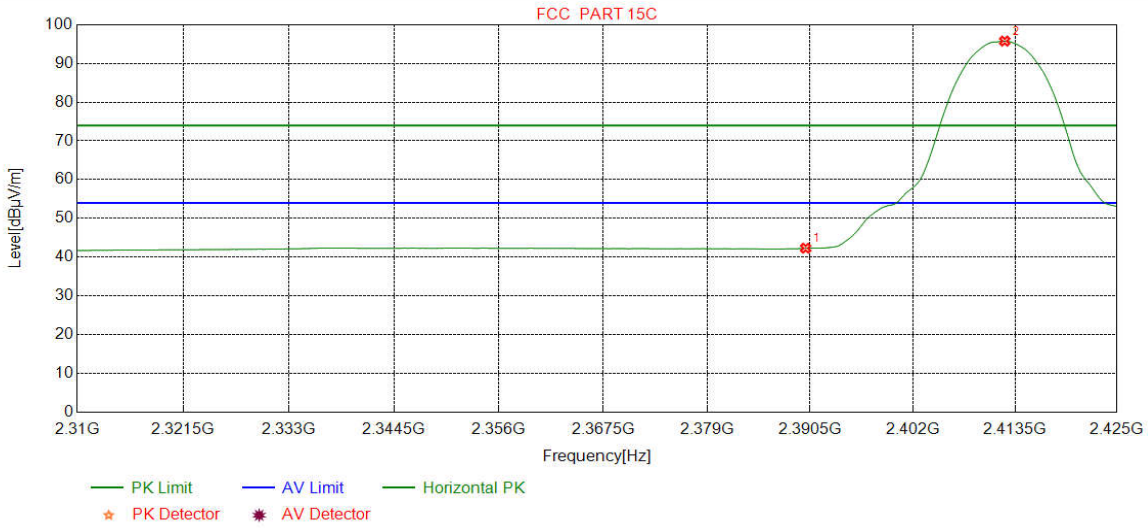
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	49.99	53.17	74.00	20.83	Pass	Horizontal
2	2411.7584	32.28	13.35	-42.43	100.33	103.53	74.00	-29.53	Pass	Horizontal

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



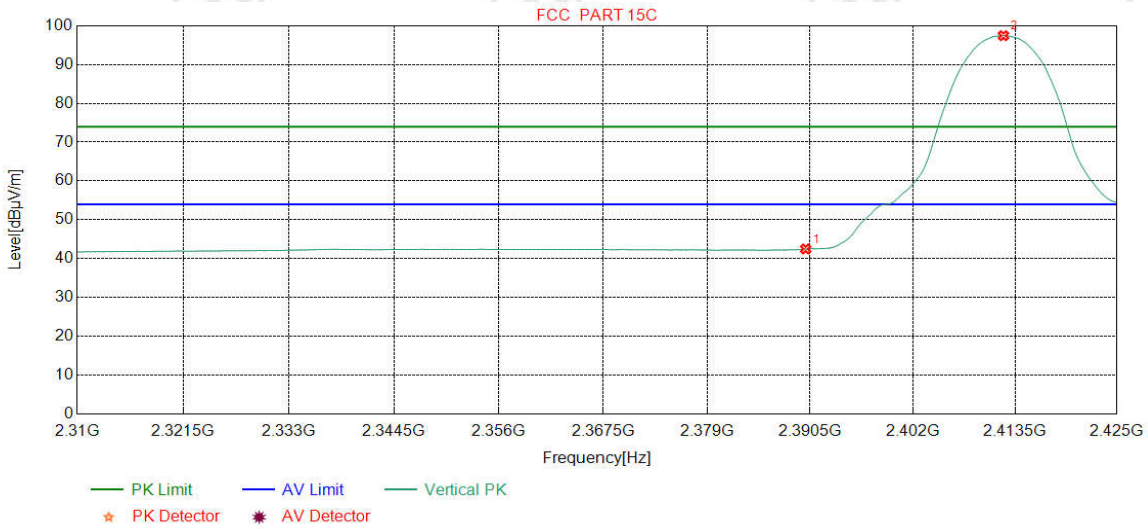
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	50.72	53.90	74.00	20.10	Pass	Vertical
2	2412.0463	32.28	13.36	-42.44	101.65	104.85	74.00	-30.85	Pass	Vertical

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



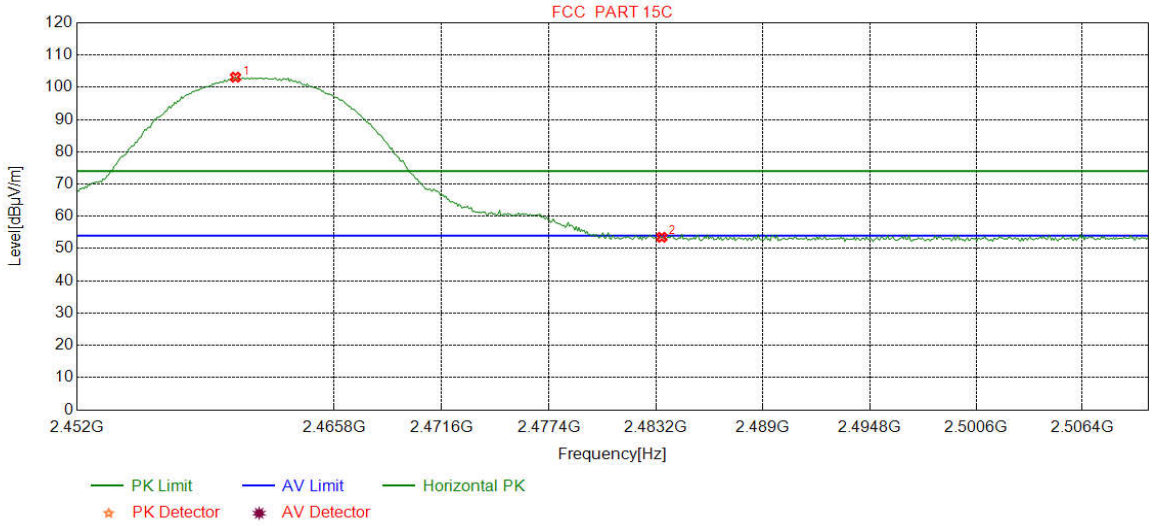
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	39.11	42.29	54.00	11.71	Pass	Horizontal
2	2412.3342	32.28	13.36	-42.43	92.58	95.79	54.00	-41.79	Pass	Horizontal

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



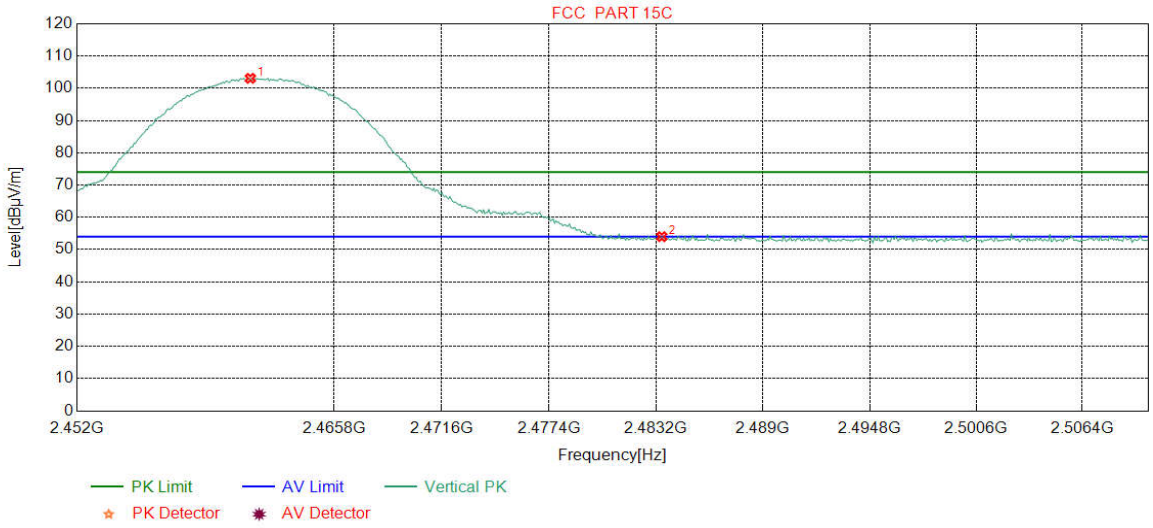
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	39.28	42.46	54.00	11.54	Pass	Vertical
2	2412.1902	32.28	13.36	-42.44	94.26	97.46	54.00	-43.46	Pass	Vertical

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



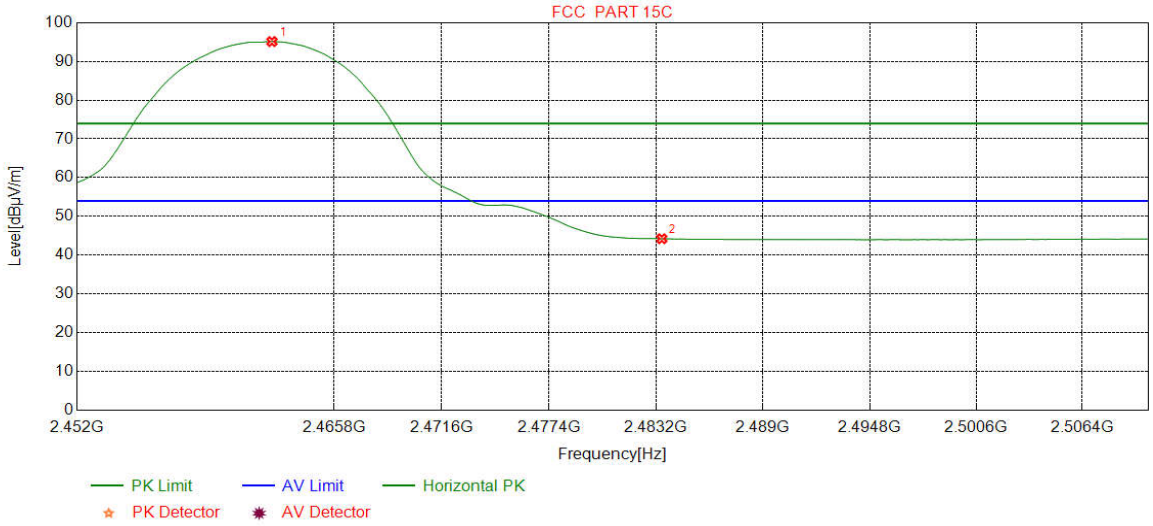
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2460.4931	32.34	13.48	-42.40	99.72	103.14	74.00	-29.14	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	50.16	53.52	74.00	20.48	Pass	Horizontal

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



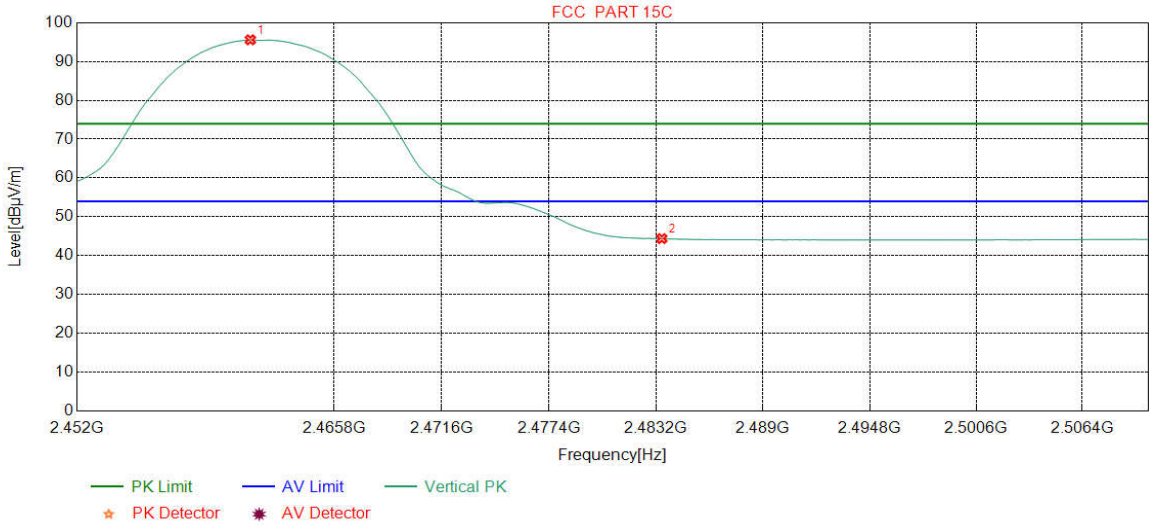
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2461.2916	32.35	13.48	-42.41	99.67	103.09	74.00	-29.09	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	50.66	54.02	74.00	19.98	Pass	Vertical

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



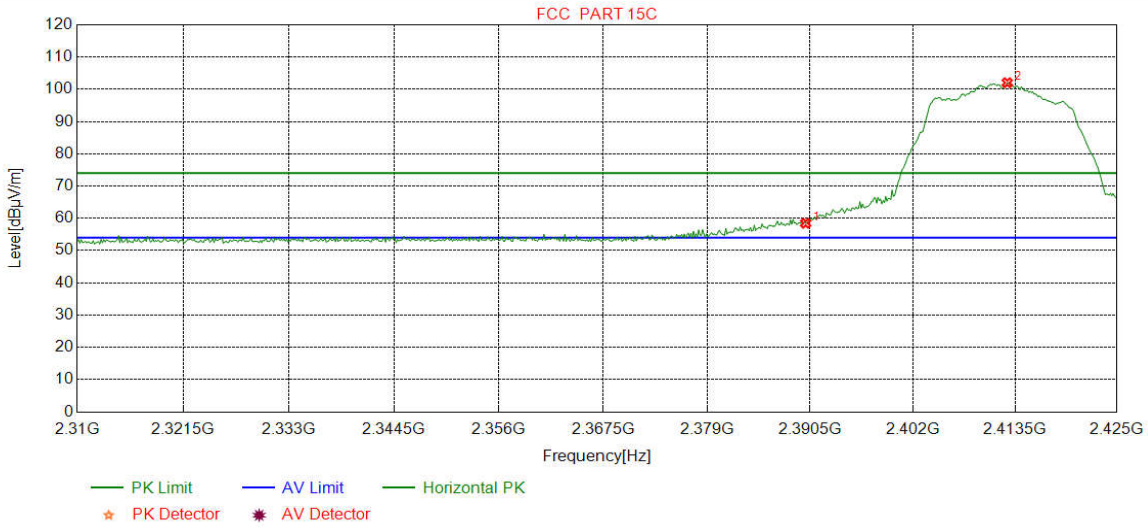
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2462.4531	32.35	13.47	-42.41	91.74	95.15	54.00	-41.15	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	40.85	44.21	54.00	9.79	Pass	Horizontal

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



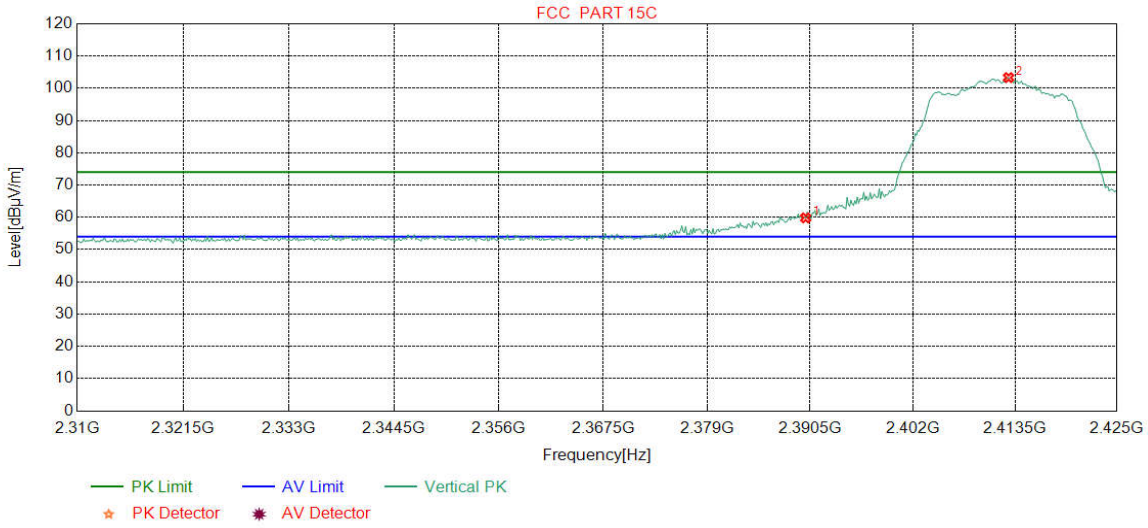
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2461.2916	32.35	13.48	-42.41	92.20	95.62	54.00	-41.62	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	41.01	44.37	54.00	9.63	Pass	Vertical

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



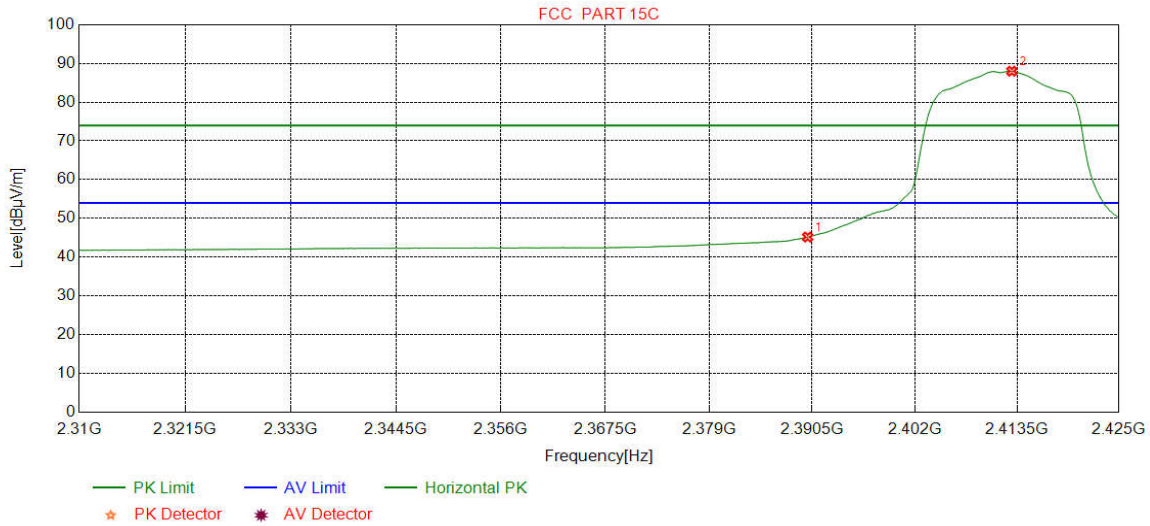
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	55.29	58.47	74.00	15.53	Pass	Horizontal
2	2412.6220	32.28	13.36	-42.43	98.82	102.03	74.00	-28.03	Pass	Horizontal

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



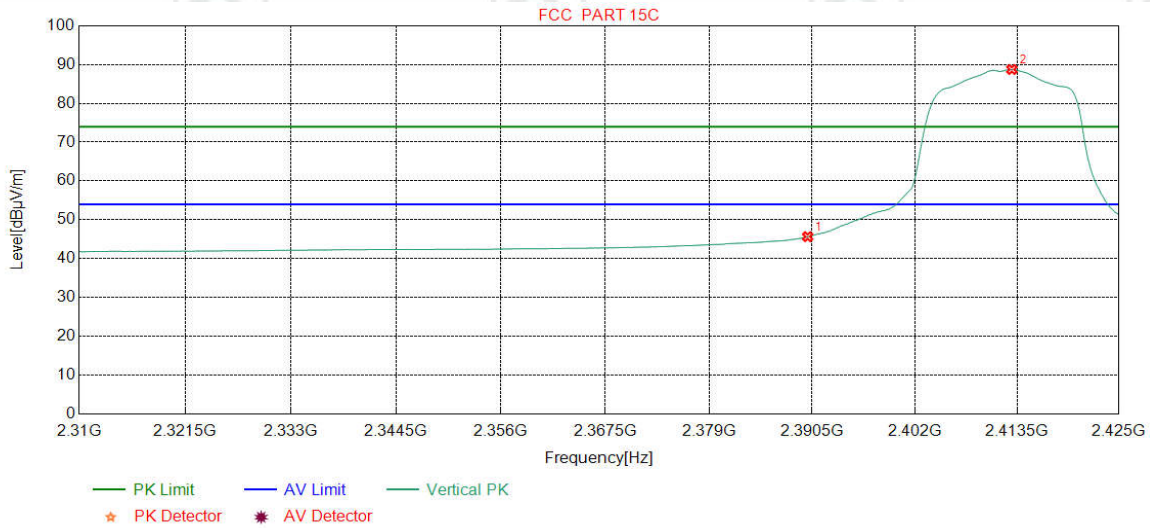
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	56.65	59.83	74.00	14.17	Pass	Vertical
2	2412.7660	32.28	13.36	-42.43	100.11	103.32	74.00	-29.32	Pass	Vertical

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



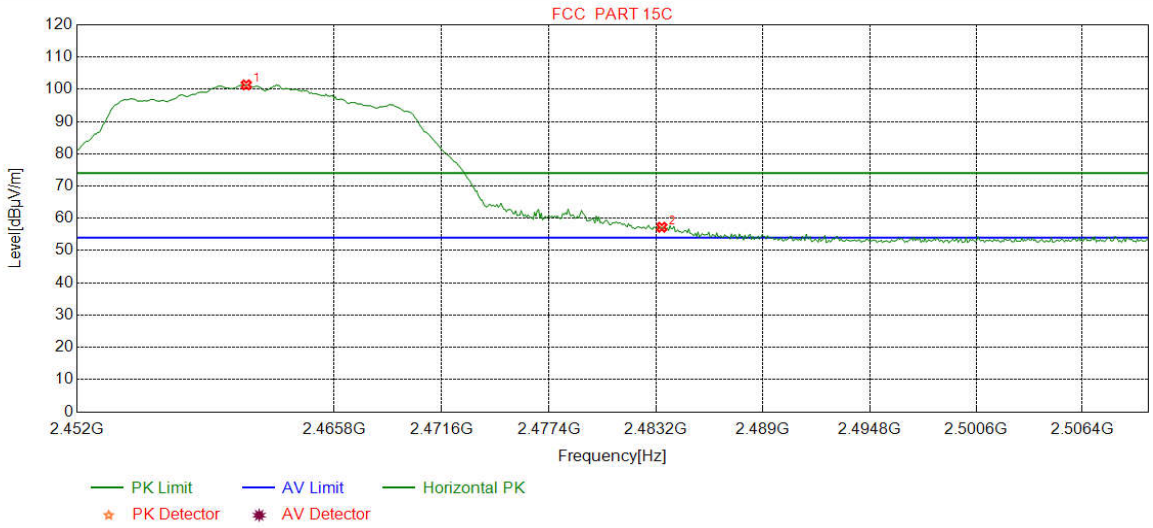
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	41.99	45.17	54.00	8.83	Pass	Horizontal
2	2412.9099	32.28	13.36	-42.43	84.80	88.01	54.00	-34.01	Pass	Horizontal

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



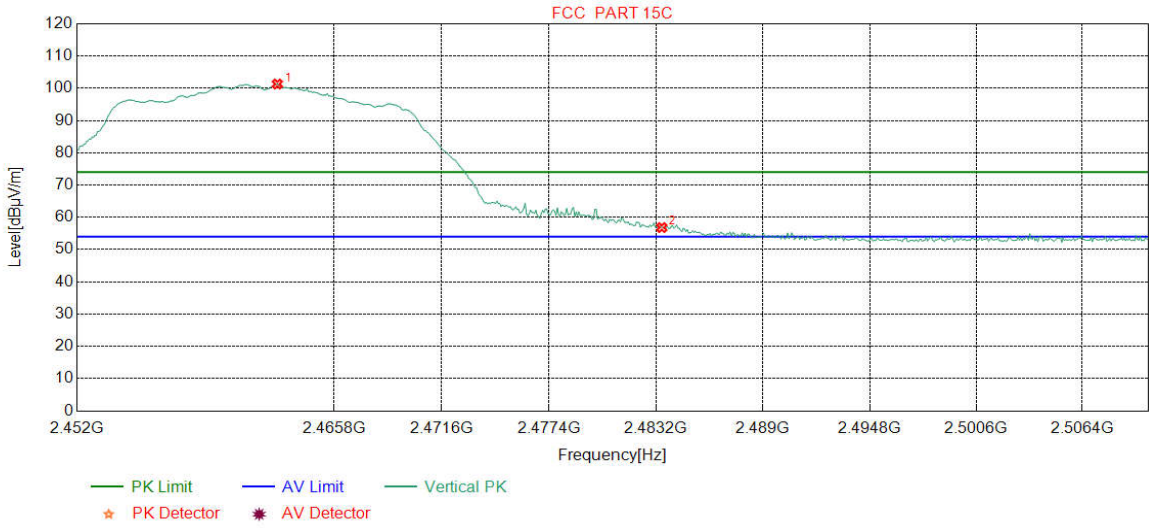
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	42.46	45.64	54.00	8.36	Pass	Vertical
2	2412.9099	32.28	13.36	-42.43	85.54	88.75	54.00	-34.75	Pass	Vertical

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



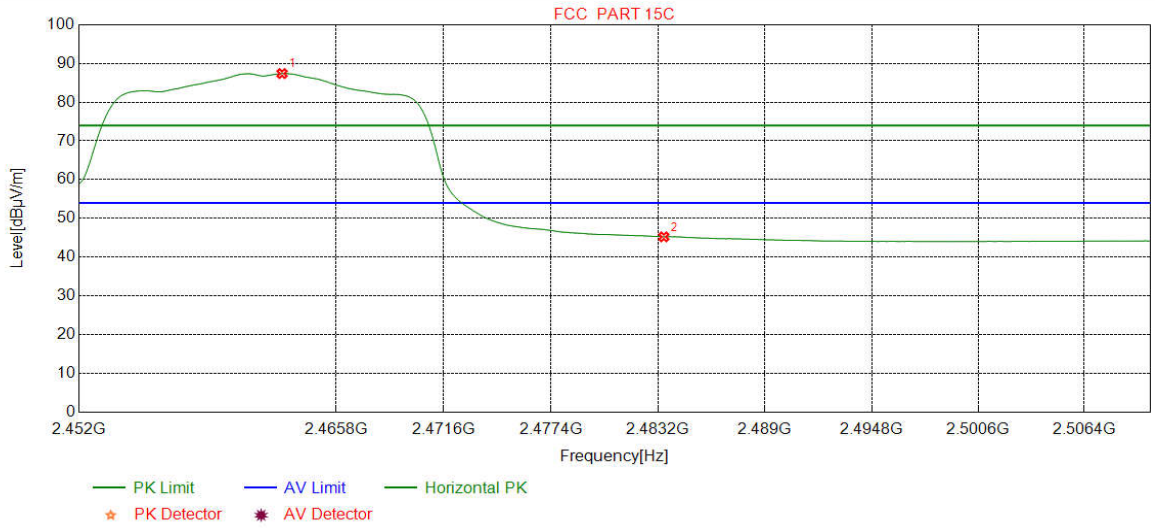
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2461.0738	32.35	13.48	-42.41	97.95	101.37	74.00	-27.37	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	53.89	57.25	74.00	16.75	Pass	Horizontal

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



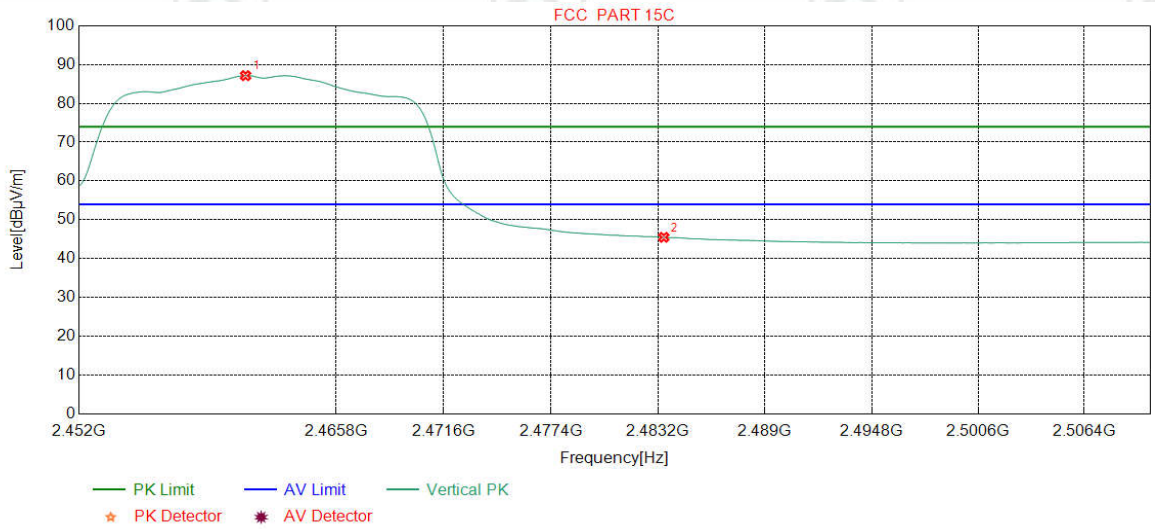
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2462.7434	32.35	13.47	-42.41	97.92	101.33	74.00	-27.33	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	53.47	56.83	74.00	17.17	Pass	Vertical

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



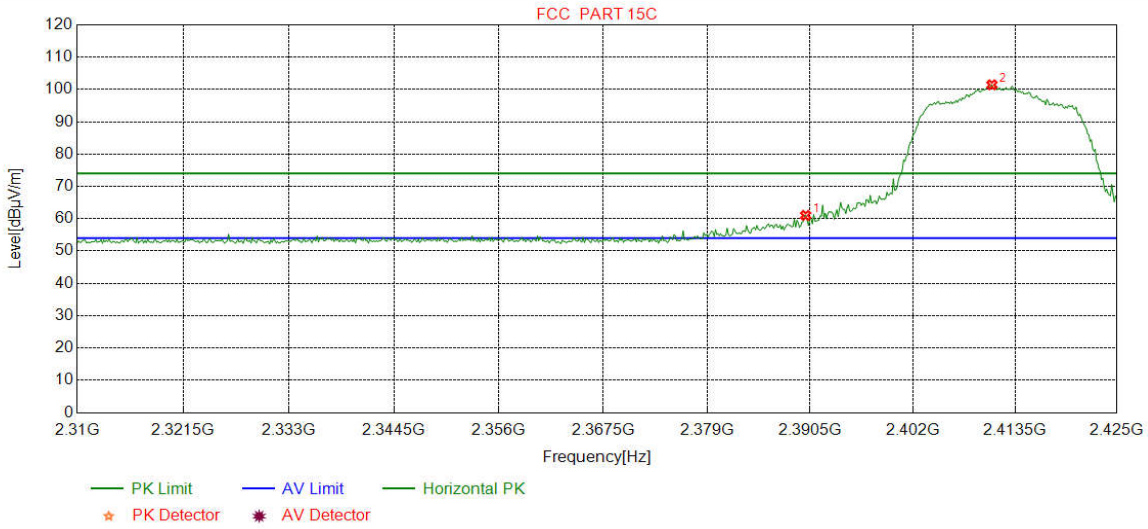
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2462.8886	32.35	13.47	-42.41	83.99	87.40	54.00	-33.40	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	41.86	45.22	54.00	8.78	Pass	Horizontal

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



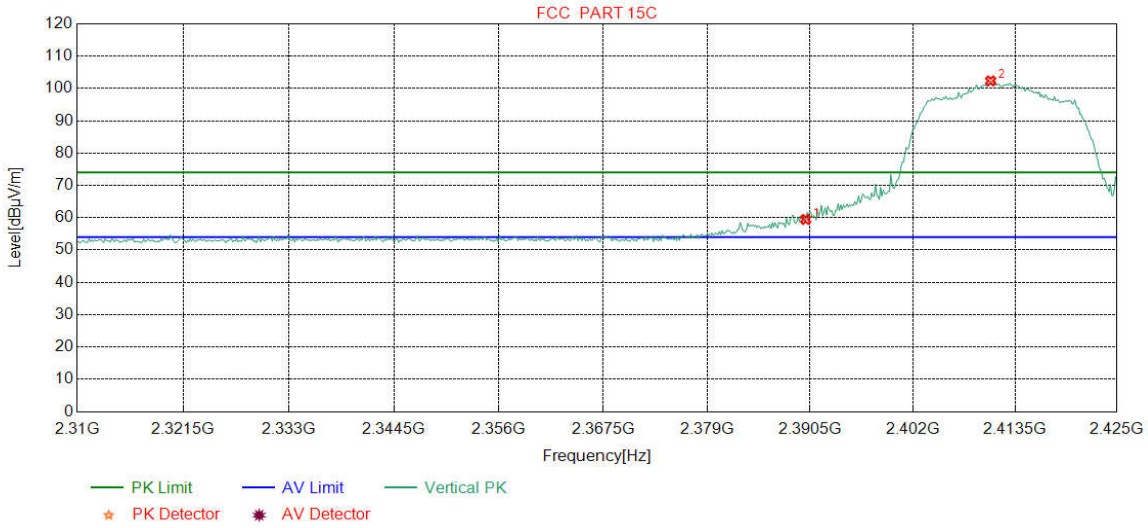
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2460.9287	32.35	13.48	-42.41	83.74	87.16	54.00	-33.16	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	42.11	45.47	54.00	8.53	Pass	Vertical

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



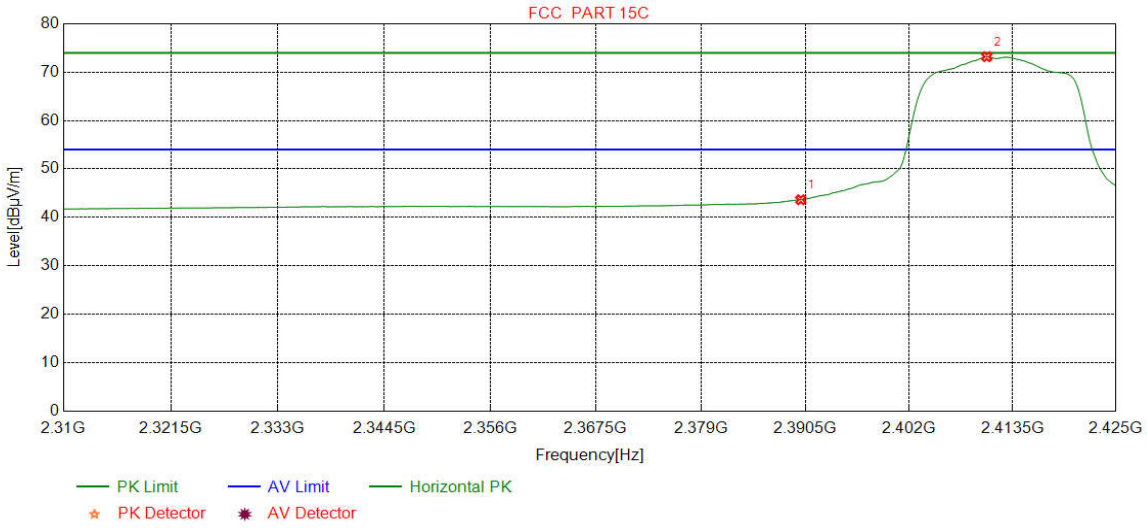
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	57.85	61.03	74.00	12.97	Pass	Horizontal
2	2410.8949	32.28	13.35	-42.43	98.23	101.43	74.00	-27.43	Pass	Horizontal

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



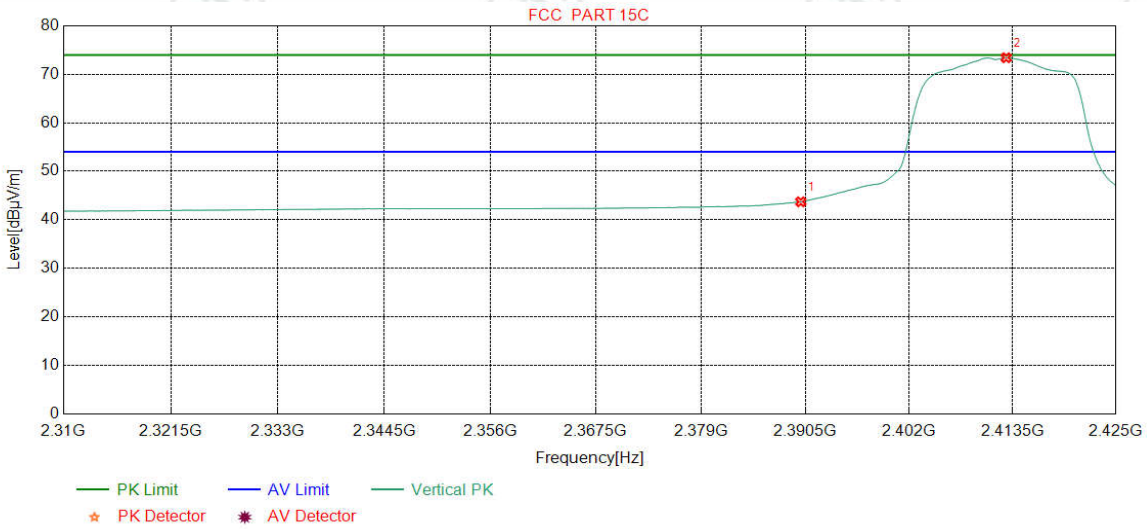
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	56.29	59.47	74.00	14.53	Pass	Vertical
2	2410.7509	32.28	13.35	-42.43	99.13	102.33	74.00	-28.33	Pass	Vertical

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



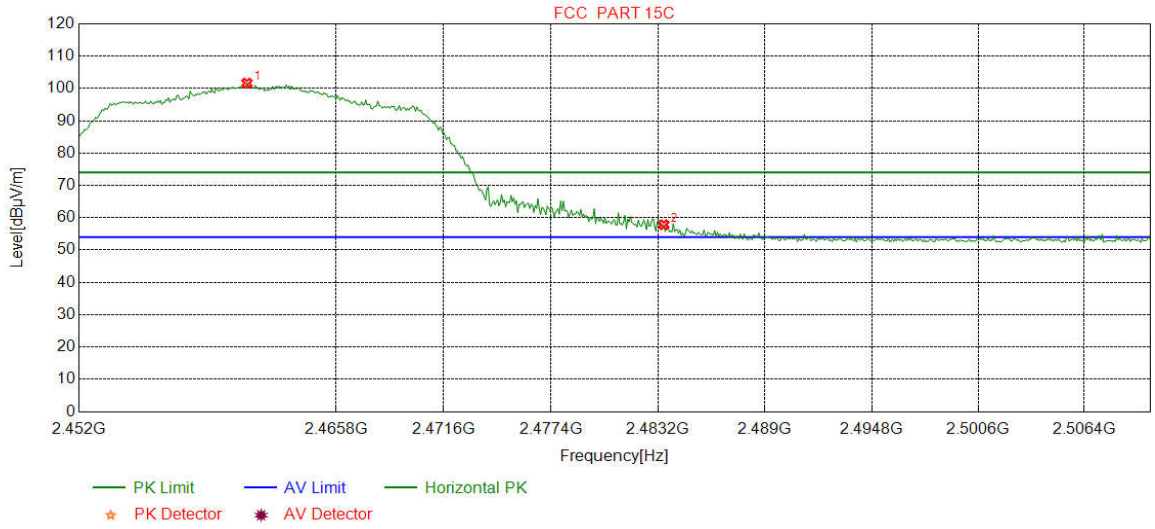
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	40.45	43.63	54.00	10.37	Pass	Horizontal
2	2410.6070	32.27	13.35	-42.43	70.01	73.20	54.00	-19.20	Pass	Horizontal

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



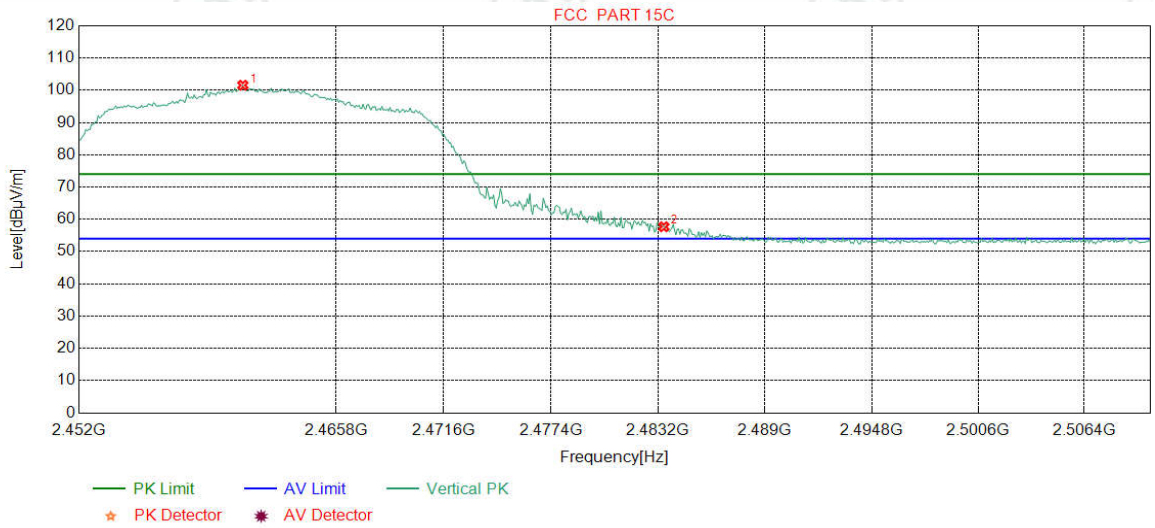
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	40.52	43.70	54.00	10.30	Pass	Vertical
2	2412.7660	32.28	13.36	-42.43	70.21	73.42	54.00	-19.42	Pass	Vertical

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



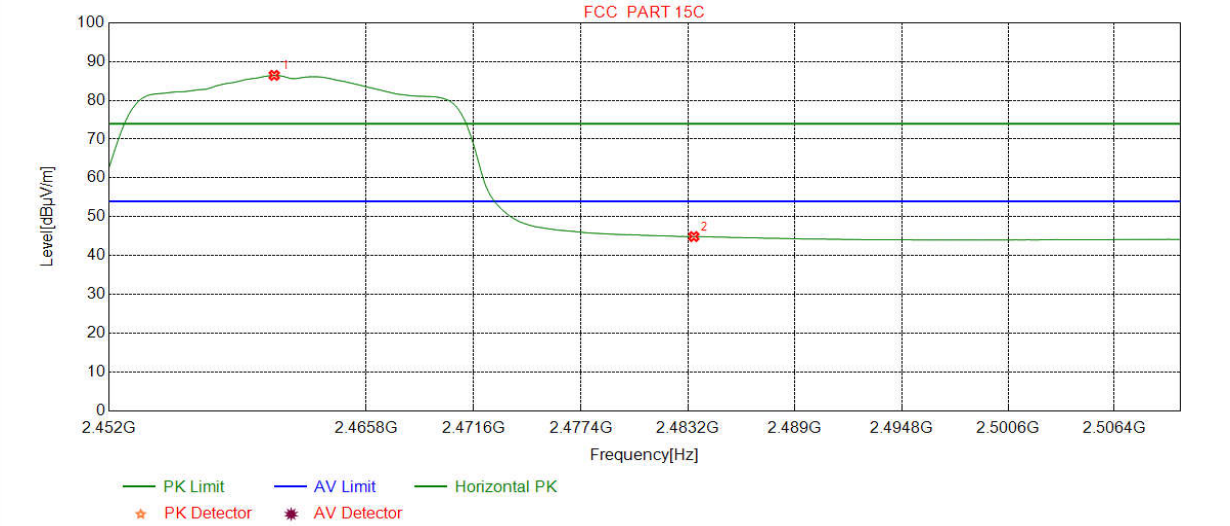
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2461.0013	32.35	13.48	-42.41	98.24	101.66	74.00	-27.66	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	54.48	57.84	74.00	16.16	Pass	Horizontal

Mode:	802.11 n(HT20) (6.5Mbps) Transmitting	Channel:	2462
Remar	Peak		



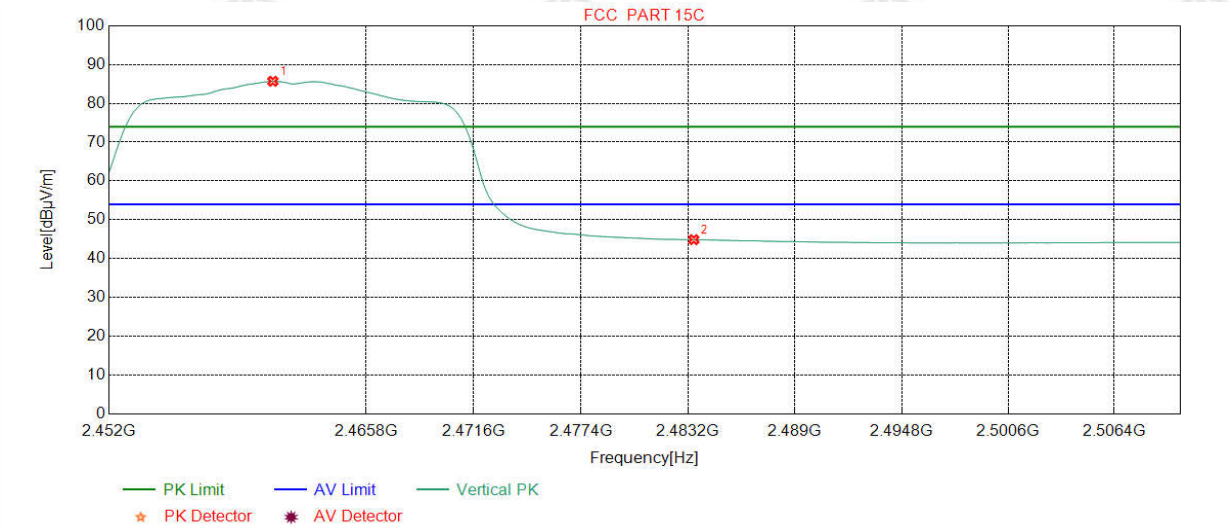
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2460.7835	32.35	13.48	-42.41	98.15	101.57	74.00	-27.57	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	54.34	57.70	74.00	16.30	Pass	Vertical

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



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	2460.8561	32.35	13.48	-42.41	83.04	86.46	54.00	-32.46	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	41.52	44.88	54.00	9.12	Pass	Horizontal

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



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	-42.41	82.29	85.71	54.00	-31.71	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	41.50	44.86	54.00	9.14	Pass	Vertical

Note:

1) Through transmitting mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbpsof rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20) .

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

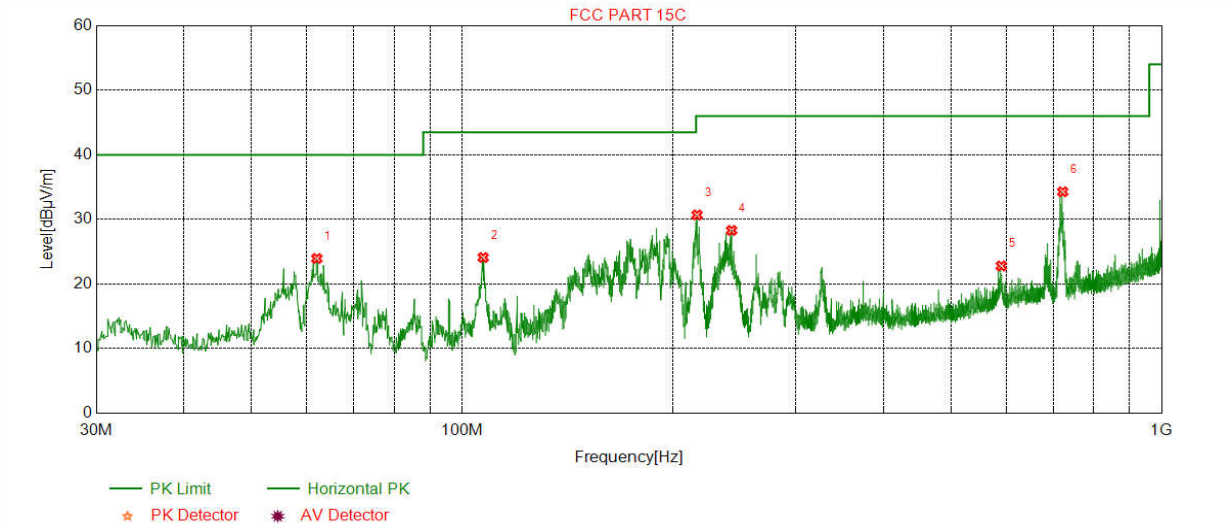
Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

Radiated Spurious Emissions test Data:

Product	:	reMarkable paper tablet	**Model/Type reference**	:	RM102
Temperature	:	22℃	**Humidity**	:	49%

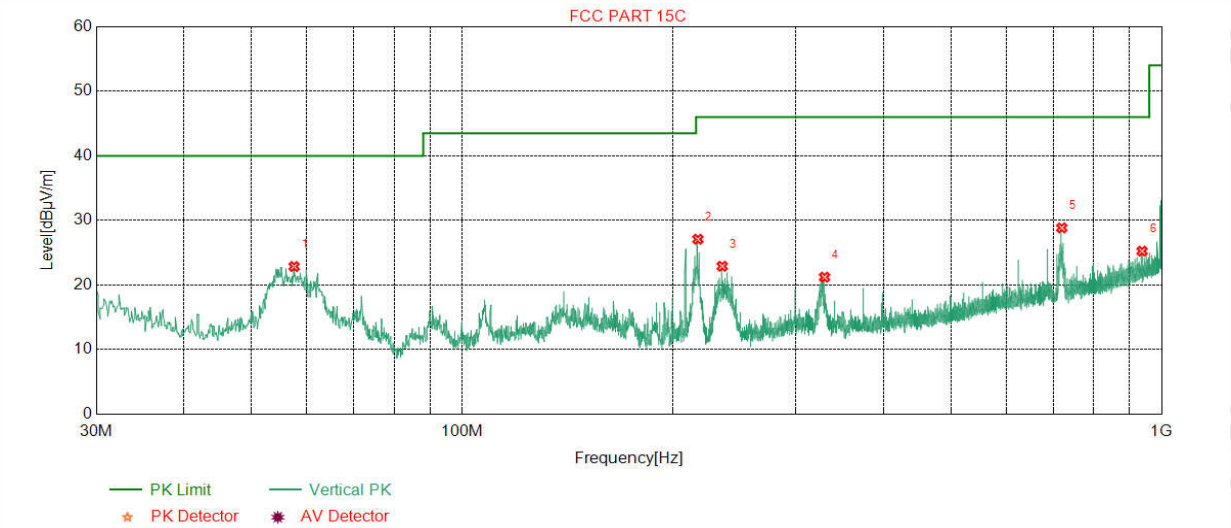
Radiated Emission below 1GHz

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



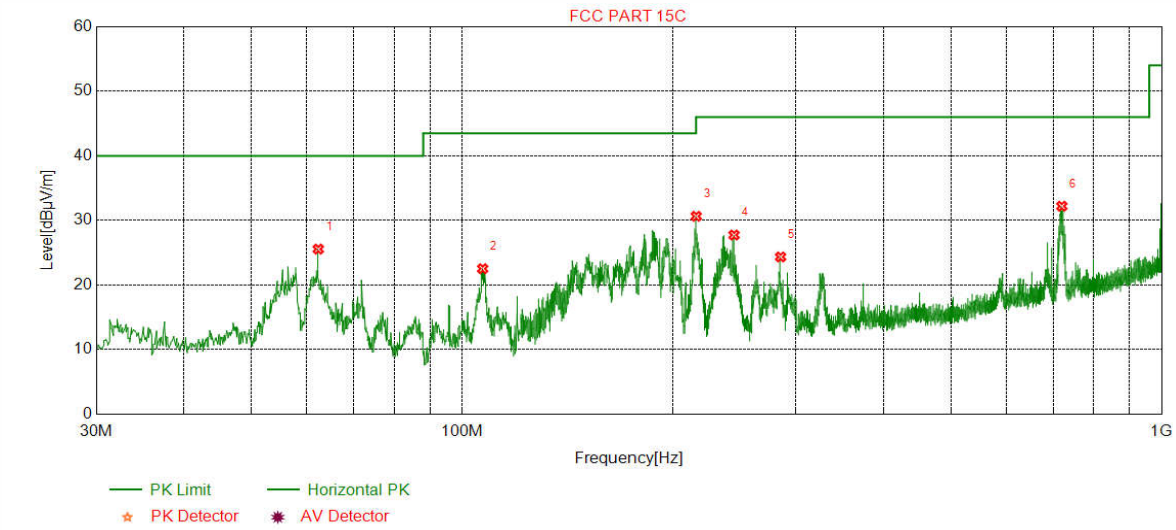
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity
1	62.0132	11.08	0.91	-32.05	43.99	23.93	40.00	16.07	Pass	Horizontal
2	107.2197	10.93	1.22	-32.07	44.00	24.08	43.50	19.42	Pass	Horizontal
3	216.7437	11.34	1.75	-31.95	49.54	30.68	46.00	15.32	Pass	Horizontal
4	242.8393	12.01	1.85	-31.89	46.31	28.28	46.00	17.72	Pass	Horizontal
5	589.9400	18.80	2.89	-31.92	33.00	22.77	46.00	23.23	Pass	Horizontal
6	722.0672	20.04	3.24	-32.08	43.07	34.27	46.00	11.73	Pass	Horizontal

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



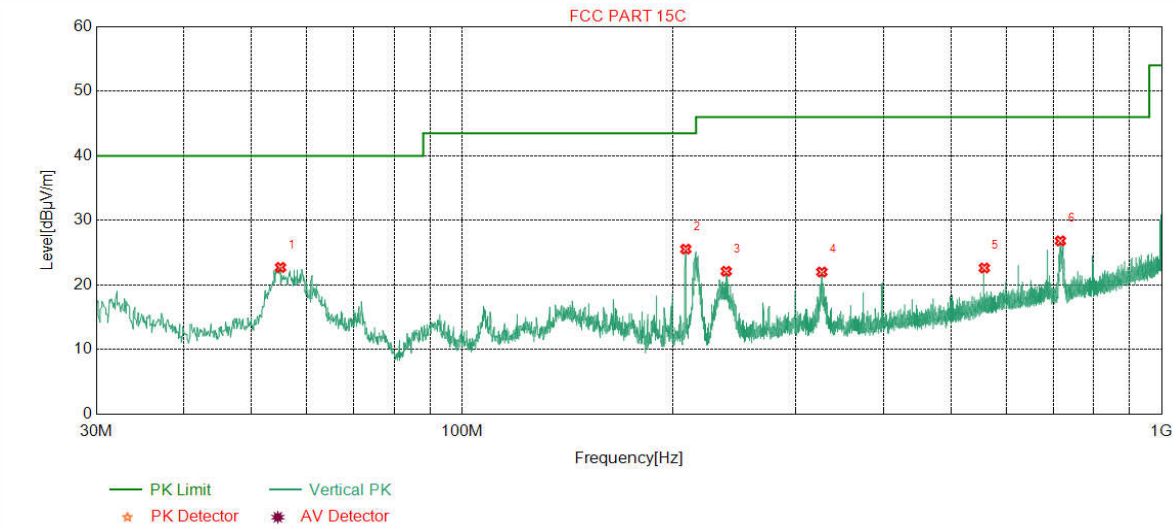
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity
1	57.5508	11.99	0.87	-32.06	42.04	22.84	40.00	17.16	Pass	Vertical
2	217.3257	11.35	1.76	-31.95	45.91	27.07	46.00	18.93	Pass	Vertical
3	235.4665	11.82	1.82	-31.90	41.14	22.88	46.00	23.12	Pass	Vertical
4	329.6630	13.85	2.16	-31.76	36.94	21.19	46.00	24.81	Pass	Vertical
5	719.9330	20.02	3.22	-32.07	37.66	28.83	46.00	17.17	Pass	Vertical
6	937.5258	22.33	3.67	-31.29	30.51	25.22	46.00	20.78	Pass	Vertical

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



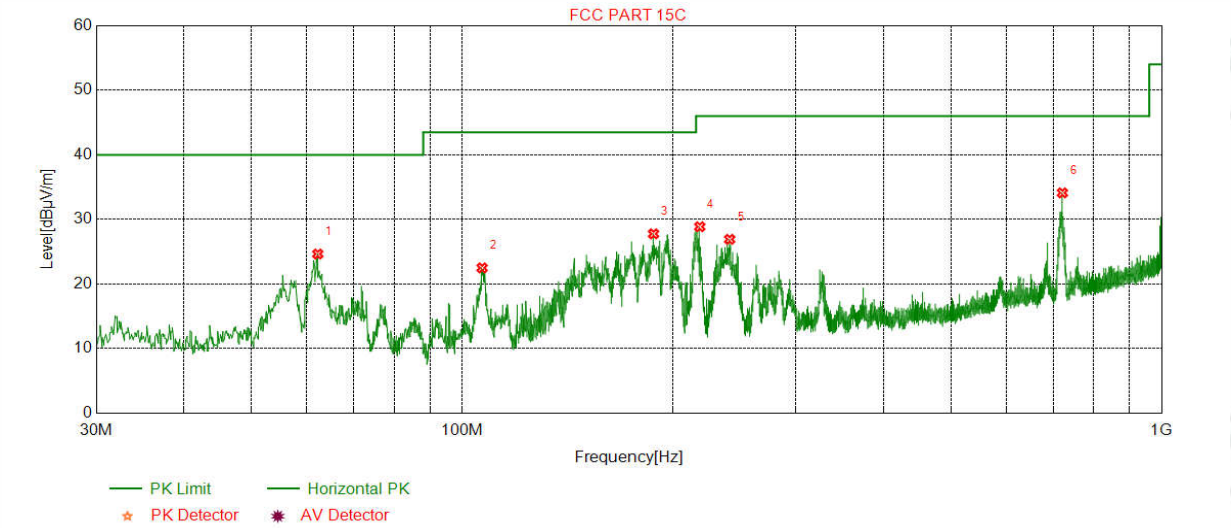
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity
1	62.3042	11.00	0.91	-32.04	45.67	25.54	40.00	14.46	Pass	Horizontal
2	107.0257	10.93	1.22	-32.07	42.42	22.50	43.50	21.00	Pass	Horizontal
3	216.1616	11.32	1.75	-31.95	49.51	30.63	46.00	15.37	Pass	Horizontal
4	244.7795	12.06	1.86	-31.90	45.70	27.72	46.00	18.28	Pass	Horizontal
5	285.3295	12.91	2.01	-31.91	41.32	24.33	46.00	21.67	Pass	Horizontal
6	719.9330	20.02	3.22	-32.07	41.02	32.19	46.00	13.81	Pass	Horizontal

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



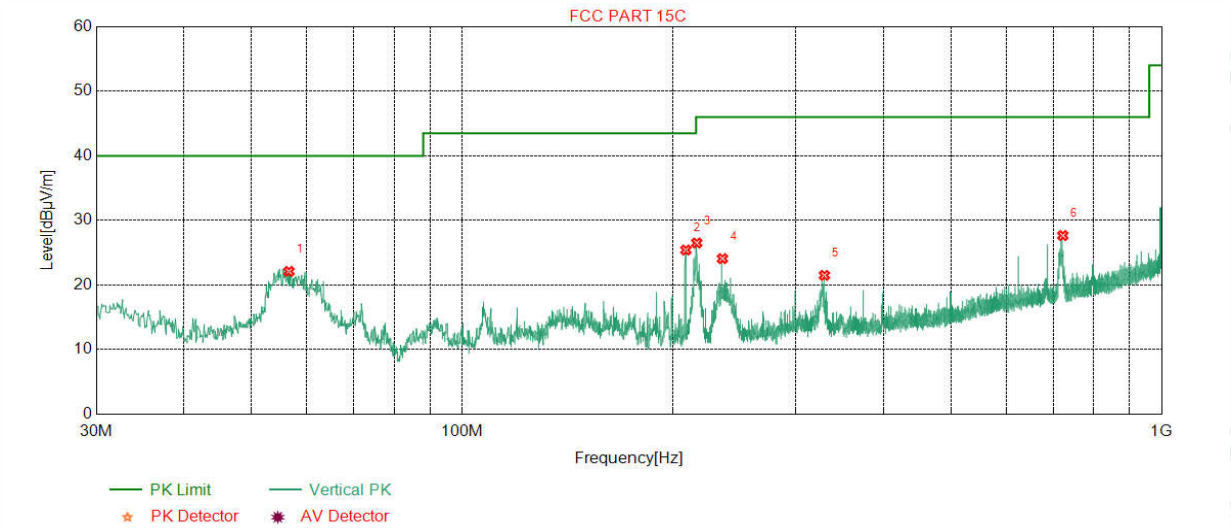
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity
1	55.0285	12.40	0.84	-32.08	41.54	22.70	40.00	17.30	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	44.64	25.54	43.50	17.96	Pass	Vertical
3	238.5709	11.90	1.83	-31.89	40.26	22.10	46.00	23.90	Pass	Vertical
4	326.8497	13.79	2.15	-31.78	37.83	21.99	46.00	24.01	Pass	Vertical
5	557.9268	18.16	2.81	-31.97	33.61	22.61	46.00	23.39	Pass	Vertical
6	716.5377	19.98	3.21	-32.09	35.71	26.81	46.00	19.19	Pass	Vertical

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



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity
1	62.2072	11.03	0.91	-32.05	44.74	24.63	40.00	15.37	Pass	Horizontal
2	106.8317	10.93	1.22	-32.07	42.39	22.47	43.50	21.03	Pass	Horizontal
3	187.8348	9.74	1.60	-31.97	48.38	27.75	43.50	15.75	Pass	Horizontal
4	218.6839	11.39	1.76	-31.95	47.65	28.85	46.00	17.15	Pass	Horizontal
5	241.2871	11.97	1.85	-31.90	44.98	26.90	46.00	19.10	Pass	Horizontal
6	721.3881	20.04	3.23	-32.08	42.91	34.10	46.00	11.90	Pass	Horizontal

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



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity
1	56.5807	12.15	0.86	-32.07	41.14	22.08	40.00	17.92	Pass	Vertical
2	208.8859	11.13	1.71	-31.94	44.50	25.40	43.50	18.10	Pass	Vertical
3	216.5497	11.33	1.75	-31.95	45.36	26.49	46.00	19.51	Pass	Vertical
4	235.6606	11.83	1.82	-31.90	42.31	24.06	46.00	21.94	Pass	Vertical
5	329.5660	13.85	2.16	-31.76	37.22	21.47	46.00	24.53	Pass	Vertical
6	722.2612	20.04	3.24	-32.08	36.44	27.64	46.00	18.36	Pass	Vertical

Transmitter Emission above 1GHz

Mode:		802.11b(11Mbps) Transmitting			Channel:				2412		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1199.8200	28.10	2.66	-42.89	60.41	48.28	74.00	25.72	Pass	H	Peak
2	3076.0551	33.23	4.77	-42.07	50.14	46.07	74.00	27.93	Pass	H	Peak
3	4824.0000	34.50	4.61	-40.65	46.09	44.55	74.00	29.45	Pass	H	Peak
4	6031.1521	35.81	5.26	-41.10	47.80	47.77	74.00	26.23	Pass	H	Peak
5	7236.0000	36.34	5.79	-40.99	49.63	50.77	74.00	23.23	Pass	H	Peak
6	9648.0000	37.66	6.72	-40.73	45.45	49.10	74.00	24.90	Pass	H	Peak
7	1202.2202	28.10	2.66	-42.88	53.16	41.04	74.00	32.96	Pass	V	Peak
8	3185.2624	33.27	4.63	-42.01	50.18	46.07	74.00	27.93	Pass	V	Peak
9	4824.0000	34.50	4.61	-40.65	45.58	44.04	74.00	29.96	Pass	V	Peak
10	5849.7900	35.56	5.08	-40.96	47.60	47.28	74.00	26.72	Pass	V	Peak
11	7236.0000	36.34	5.79	-40.99	49.53	50.67	74.00	23.33	Pass	V	Peak
12	9648.0000	37.66	6.72	-40.73	45.18	48.83	74.00	25.17	Pass	V	Peak

Mode:		802.11b(11Mbps) Transmitting			Channel:				2437		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1199.8200	28.10	2.66	-42.89	62.55	50.42	74.00	23.58	Pass	H	Peak
2	2962.5963	33.14	4.44	-42.14	50.65	46.09	74.00	27.91	Pass	H	Peak
3	4874.0000	34.50	4.78	-40.61	46.35	45.02	74.00	28.98	Pass	H	Peak
4	6243.0662	35.85	5.33	-41.14	47.75	47.79	74.00	26.21	Pass	H	Peak
5	7311.0000	36.41	5.85	-40.93	47.57	48.90	74.00	25.10	Pass	H	Peak
6	9748.0000	37.70	6.77	-40.63	45.22	49.06	74.00	24.94	Pass	H	Peak
7	1197.8198	28.10	2.66	-42.89	54.66	42.53	74.00	31.47	Pass	V	Peak
8	3144.9597	33.26	4.59	-42.04	50.38	46.19	74.00	27.81	Pass	V	Peak
9	4874.0000	34.50	4.78	-40.61	46.38	45.05	74.00	28.95	Pass	V	Peak
10	6037.0025	35.81	5.24	-41.10	48.78	48.73	74.00	25.27	Pass	V	Peak
11	7311.0000	36.41	5.85	-40.93	50.65	51.98	74.00	22.02	Pass	V	Peak
12	7311.0000	36.41	5.85	-40.93	38.44	39.77	54.00	14.23	Pass	V	Average
13	9748.0000	37.70	6.77	-40.63	44.83	48.67	74.00	25.33	Pass	V	Peak

Mode:		802.11b(11Mbps) Transmitting			Channel:				2462		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1200.0200	28.10	2.66	-42.89	61.98	49.85	74.00	24.15	Pass	H	Peak
2	3410.8274	33.36	4.53	-41.87	50.52	46.54	74.00	27.46	Pass	H	Peak
3	4924.0000	34.50	4.85	-40.56	49.38	48.17	74.00	25.83	Pass	H	Peak
4	6519.9847	35.91	5.42	-41.19	47.91	48.05	74.00	25.95	Pass	H	Peak
5	7386.0000	36.49	5.85	-40.87	46.08	47.55	74.00	26.45	Pass	H	Peak
6	9848.0000	37.74	6.83	-40.54	44.19	48.22	74.00	25.78	Pass	H	Peak
7	1393.2393	28.29	2.89	-42.68	56.78	45.28	74.00	28.72	Pass	V	Peak
8	3188.5126	33.28	4.63	-42.01	52.40	48.30	74.00	25.70	Pass	V	Peak
9	4924.0000	34.50	4.85	-40.56	47.05	45.84	74.00	28.16	Pass	V	Peak
10	6277.5185	35.86	5.41	-41.15	47.72	47.84	74.00	26.16	Pass	V	Peak
11	7386.0000	36.49	5.85	-40.87	48.86	50.33	74.00	23.67	Pass	V	Peak
12	9848.0000	37.74	6.83	-40.54	43.57	47.60	74.00	26.40	Pass	V	Peak

Mode:		802.11g(6Mbps) Transmitting			Channel:				2412		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1202.4202	28.10	2.66	-42.88	61.68	49.56	74.00	24.44	Pass	H	Peak
2	3176.1617	33.27	4.61	-42.01	50.50	46.37	74.00	27.63	Pass	H	Peak
3	4824.0000	34.50	4.61	-40.65	46.39	44.85	74.00	29.15	Pass	H	Peak
4	6155.9604	35.83	5.25	-41.12	48.12	48.08	74.00	25.92	Pass	H	Peak
5	7236.0000	36.34	5.79	-40.99	49.76	50.90	74.00	23.10	Pass	H	Peak
6	9648.0000	37.66	6.72	-40.73	45.06	48.71	74.00	25.29	Pass	H	Peak
7	1400.2400	28.30	2.90	-42.68	55.80	44.32	74.00	29.68	Pass	V	Peak
8	2991.7992	33.19	4.53	-42.13	53.08	48.67	74.00	25.33	Pass	V	Peak
9	4824.0000	34.50	4.61	-40.65	46.07	44.53	74.00	29.47	Pass	V	Peak
10	5974.5983	35.76	5.33	-41.07	47.37	47.39	74.00	26.61	Pass	V	Peak
11	7236.0000	36.34	5.79	-40.99	50.91	52.05	74.00	21.95	Pass	V	Peak
12	7236.0000	36.34	5.79	-40.99	37.98	39.12	54.00	14.88	Pass	V	Average
13	9648.0000	37.66	6.72	-40.73	45.22	48.87	74.00	25.13	Pass	V	Peak

Mode:		802.11g(6Mbps) Transmitting			Channel:				2437		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity	Remark
1	1199.8200	28.10	2.66	-42.89	62.36	50.23	74.00	23.77	Pass	H	Peak
2	3263.2676	33.31	4.48	-41.96	50.25	46.08	74.00	27.92	Pass	H	Peak
3	4874.0000	34.50	4.78	-40.61	45.48	44.15	74.00	29.85	Pass	H	Peak
4	5966.1477	35.75	5.33	-41.07	48.02	48.03	74.00	25.97	Pass	H	Peak
5	7311.0000	36.41	5.85	-40.93	47.10	48.43	74.00	25.57	Pass	H	Peak
6	9748.0000	37.70	6.77	-40.63	43.95	47.79	74.00	26.21	Pass	H	Peak
7	1201.2201	28.10	2.66	-42.89	54.08	41.95	74.00	32.05	Pass	V	Peak
8	3188.5126	33.28	4.63	-42.01	50.93	46.83	74.00	27.17	Pass	V	Peak
9	4874.0000	34.50	4.78	-40.61	46.26	44.93	74.00	29.07	Pass	V	Peak
10	5759.4340	35.42	4.95	-40.88	48.66	48.15	74.00	25.85	Pass	V	Peak
11	7311.0000	36.41	5.85	-40.93	47.95	49.28	74.00	24.72	Pass	V	Peak
12	9748.0000	37.70	6.77	-40.63	44.66	48.50	74.00	25.50	Pass	V	Peak

Mode:		802.11g(6Mbps) Transmitting			Channel:				2462		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity	Remark
1	1200.4200	28.10	2.66	-42.89	61.55	49.42	74.00	24.58	Pass	H	Peak
2	3008.4506	33.20	4.91	-42.11	50.68	46.68	74.00	27.32	Pass	H	Peak
3	4924.0000	34.50	4.85	-40.56	47.22	46.01	74.00	27.99	Pass	H	Peak
4	6008.4006	35.80	5.32	-41.09	47.91	47.94	74.00	26.06	Pass	H	Peak
5	7386.0000	36.49	5.85	-40.87	46.29	47.76	74.00	26.24	Pass	H	Peak
6	9848.0000	37.74	6.83	-40.54	43.73	47.76	74.00	26.24	Pass	H	Peak
7	1395.6396	28.30	2.89	-42.69	55.67	44.17	74.00	29.83	Pass	V	Peak
8	3191.1127	33.28	4.64	-42.01	51.93	47.84	74.00	26.16	Pass	V	Peak
9	4924.0000	34.50	4.85	-40.56	47.26	46.05	74.00	27.95	Pass	V	Peak
10	6326.2718	35.87	5.46	-41.16	47.78	47.95	74.00	26.05	Pass	V	Peak
11	7386.0000	36.49	5.85	-40.87	45.67	47.14	74.00	26.86	Pass	V	Peak
12	9848.0000	37.74	6.83	-40.54	44.18	48.21	74.00	25.79	Pass	V	Peak

Mode:		802.11n(HT20)(6.5Mbps)			Channel:				2412		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity	Remark
1	1202.2202	28.10	2.66	-42.88	60.78	48.66	74.00	25.34	Pass	H	Peak
2	3205.4137	33.28	4.63	-42.00	50.78	46.69	74.00	27.31	Pass	H	Peak
3	4824.0000	34.50	4.61	-40.65	44.80	43.26	74.00	30.74	Pass	H	Peak
4	6250.8667	35.85	5.35	-41.14	47.61	47.67	74.00	26.33	Pass	H	Peak
5	7236.0000	36.34	5.79	-40.99	49.67	50.81	74.00	23.19	Pass	H	Peak
6	9648.0000	37.66	6.72	-40.73	45.37	49.02	74.00	24.98	Pass	H	Peak
7	1201.2201	28.10	2.66	-42.89	55.43	43.30	74.00	30.70	Pass	V	Peak
8	3193.0629	33.28	4.64	-42.01	50.41	46.32	74.00	27.68	Pass	V	Peak
9	4824.0000	34.50	4.61	-40.65	45.92	44.38	74.00	29.62	Pass	V	Peak
10	5951.8468	35.72	5.32	-41.04	48.03	48.03	74.00	25.97	Pass	V	Peak
11	7236.0000	36.34	5.79	-40.99	47.32	48.46	74.00	25.54	Pass	V	Peak
12	9648.0000	37.66	6.72	-40.73	44.67	48.32	74.00	25.68	Pass	V	Peak

Mode:		802.11n(HT20)(6.5Mbps)			Channel:				2437		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity	Remark
1	1202.0202	28.10	2.66	-42.89	61.57	49.44	74.00	24.56	Pass	H	Peak
2	3053.9536	33.22	4.82	-42.08	50.37	46.33	74.00	27.67	Pass	H	Peak
3	4824.0000	34.50	4.61	-40.65	45.61	44.07	74.00	29.93	Pass	H	Peak
4	5978.4986	35.77	5.33	-41.07	47.39	47.42	74.00	26.58	Pass	H	Peak
5	7236.0000	36.34	5.79	-40.99	51.37	52.51	74.00	21.49	Pass	H	Peak
6	7236.0000	36.34	5.79	-40.99	36.22	37.36	54.00	16.64	Pass	H	Average
7	9648.0000	37.66	6.72	-40.73	44.98	48.63	74.00	25.37	Pass	H	Peak
8	1397.4397	28.30	2.90	-42.69	56.39	44.90	74.00	29.10	Pass	V	Peak
9	3267.8179	33.31	4.50	-41.97	50.25	46.09	74.00	27.91	Pass	V	Peak
10	4824.0000	34.50	4.61	-40.65	46.15	44.61	74.00	29.39	Pass	V	Peak
11	5759.4340	35.42	4.95	-40.88	48.83	48.32	74.00	25.68	Pass	V	Peak
12	7236.0000	36.34	5.79	-40.99	47.43	48.57	74.00	25.43	Pass	V	Peak
13	9648.0000	37.66	6.72	-40.73	44.51	48.16	74.00	25.84	Pass	V	Peak

Mode:		802.11n(HT20)(6.5Mbps)			Channel:				2462		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1199.8200	28.10	2.66	-42.89	60.84	48.71	74.00	25.29	Pass	H	Peak
2	3161.8608	33.26	4.59	-42.02	50.51	46.34	74.00	27.66	Pass	H	Peak
3	4874.0000	34.50	4.78	-40.61	45.79	44.46	74.00	29.54	Pass	H	Peak
4	6280.7687	35.86	5.42	-41.15	48.12	48.25	74.00	25.75	Pass	H	Peak
5	7311.0000	36.41	5.85	-40.93	46.77	48.10	74.00	25.90	Pass	H	Peak
6	9748.0000	37.70	6.77	-40.63	43.83	47.67	74.00	26.33	Pass	H	Peak
7	1203.6204	28.10	2.66	-42.88	53.70	41.58	74.00	32.42	Pass	V	Peak
8	3197.6132	33.28	4.65	-42.01	51.60	47.52	74.00	26.48	Pass	V	Peak
9	4874.0000	34.50	4.78	-40.61	45.37	44.04	74.00	29.96	Pass	V	Peak
10	6261.2674	35.85	5.37	-41.14	48.09	48.17	74.00	25.83	Pass	V	Peak
11	7311.0000	36.41	5.85	-40.93	46.16	47.49	74.00	26.51	Pass	V	Peak
12	9748.0000	37.70	6.77	-40.63	44.90	48.74	74.00	25.26	Pass	V	Peak

Note:

1) Through transmitting mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbpsof rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20)

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

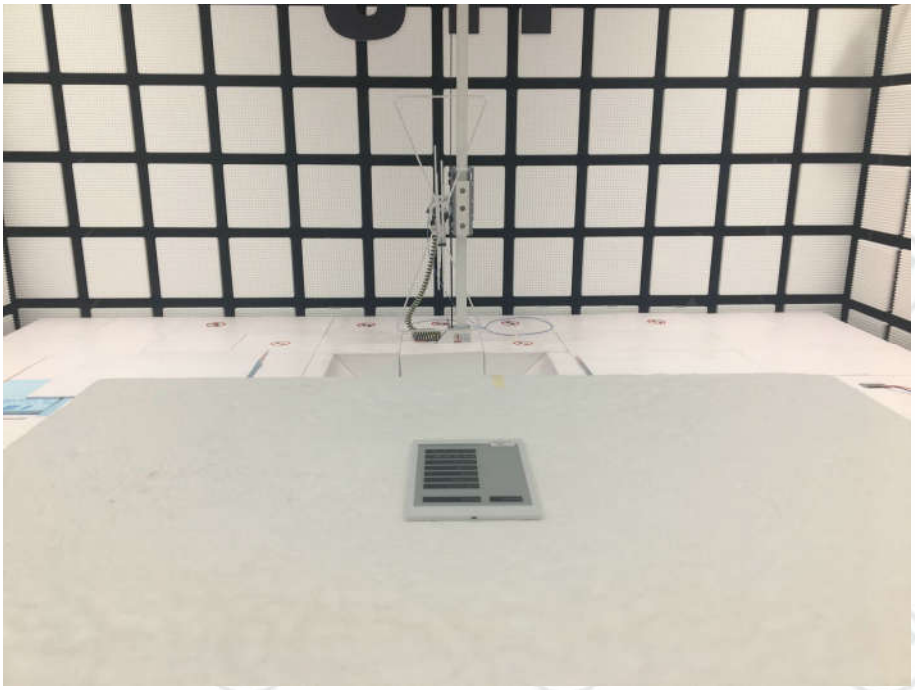
Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

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.

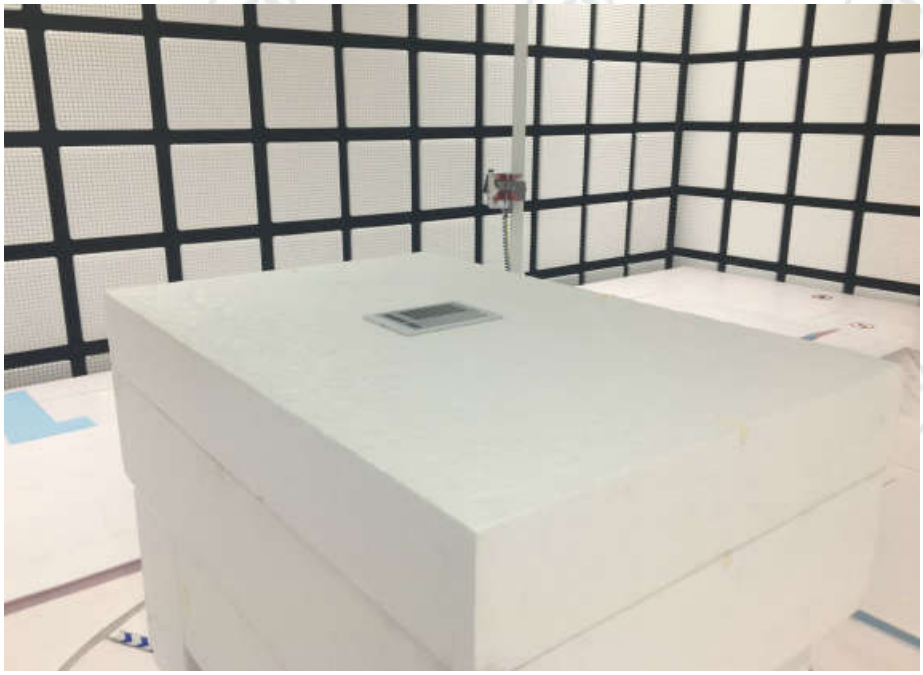
PHOTOGRAPHS OF TEST SETUP

Test Model No.: RM102

Radiated spurious emission Test Setup-1(Below 30MHz)



Radiated spurious emission Test Setup-2(30MHz-1GHz)

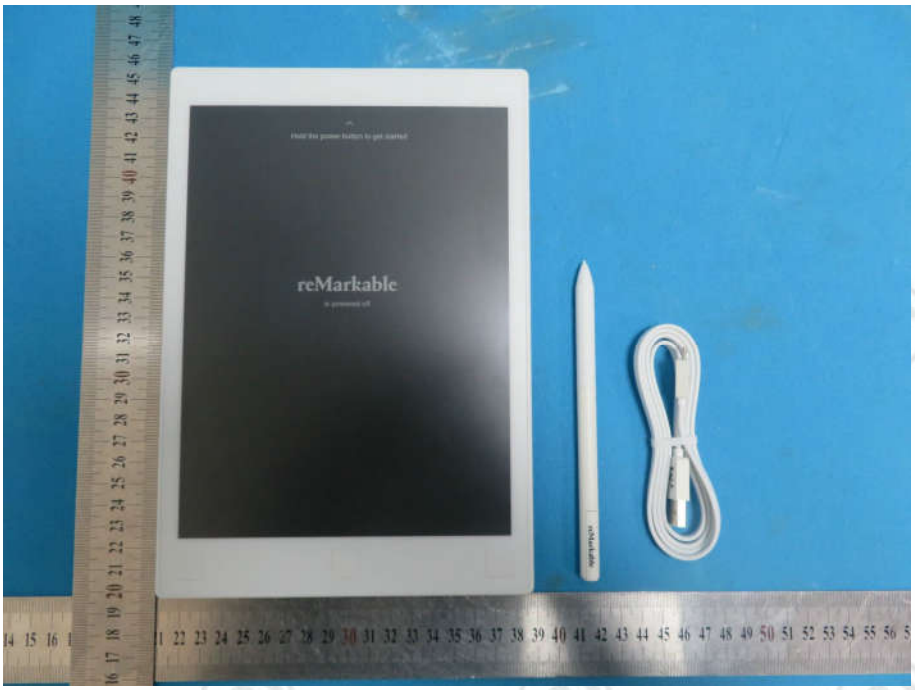


Radiated spurious emission Test Setup-3(Above 1GHz)

Conducted Emissions Test Setup

PHOTOGRAPHS OF EUT Constructional Details

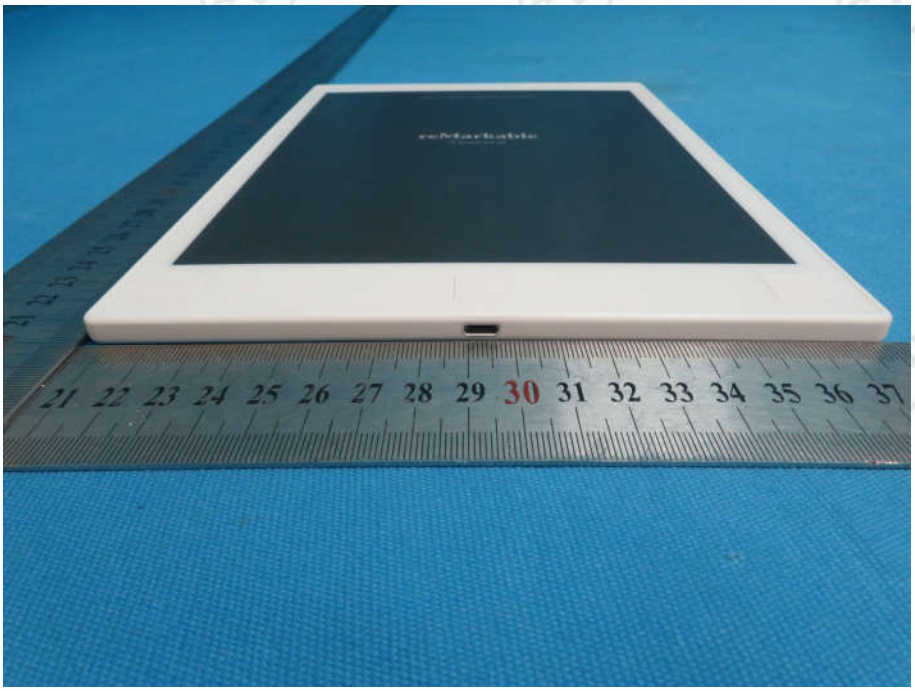
Test model No.: RM102



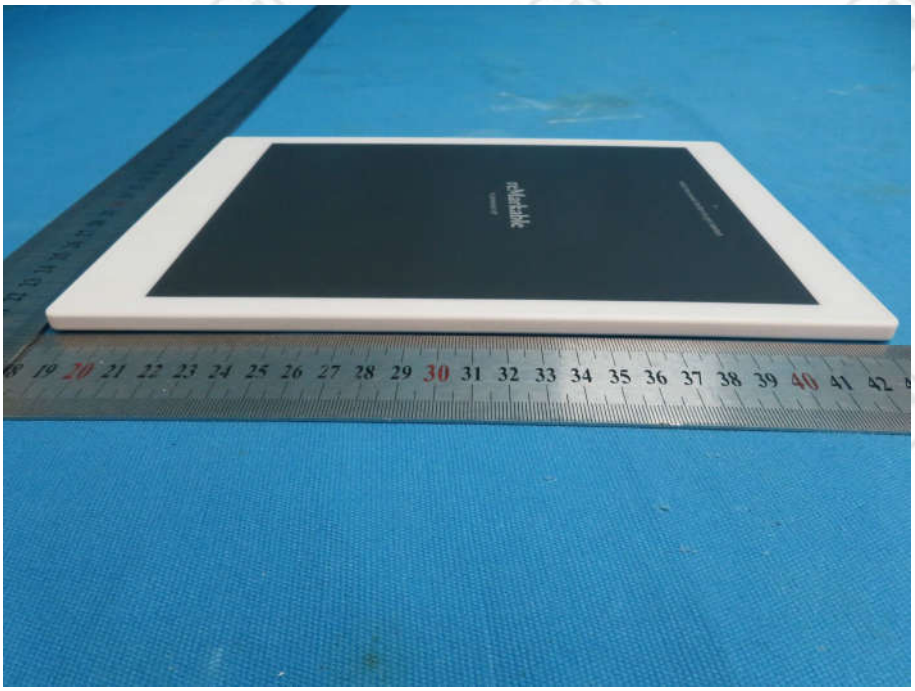
View of Product-1

View of Product-2

View of Product-3

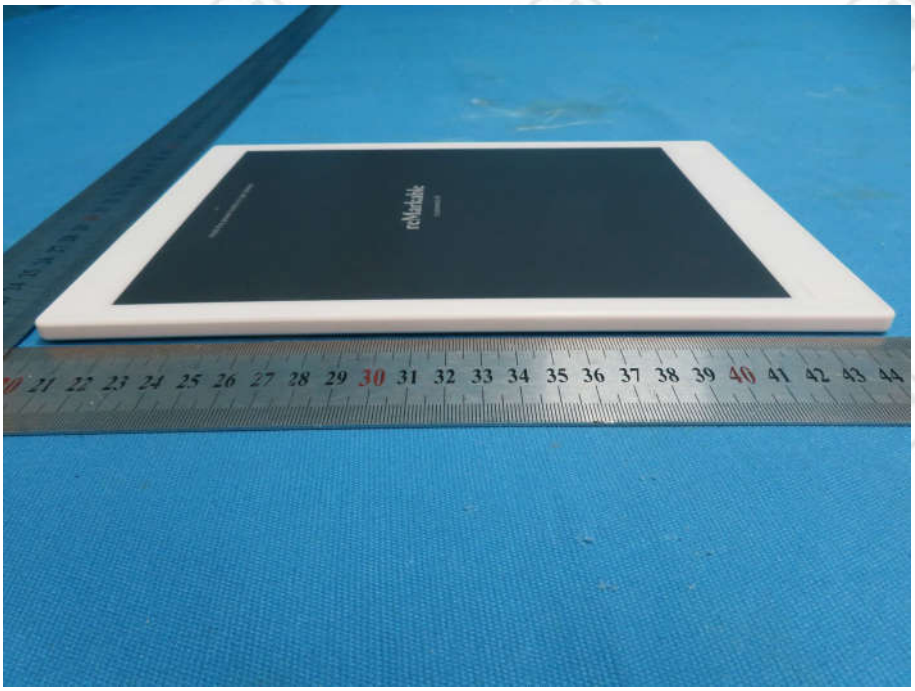


View of Product-4

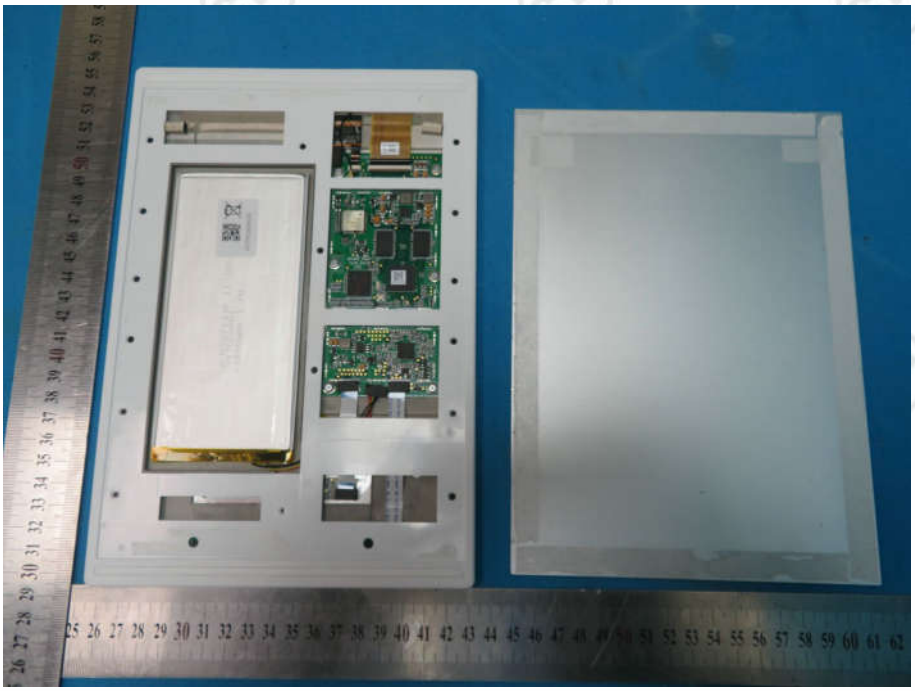


View of Product-5

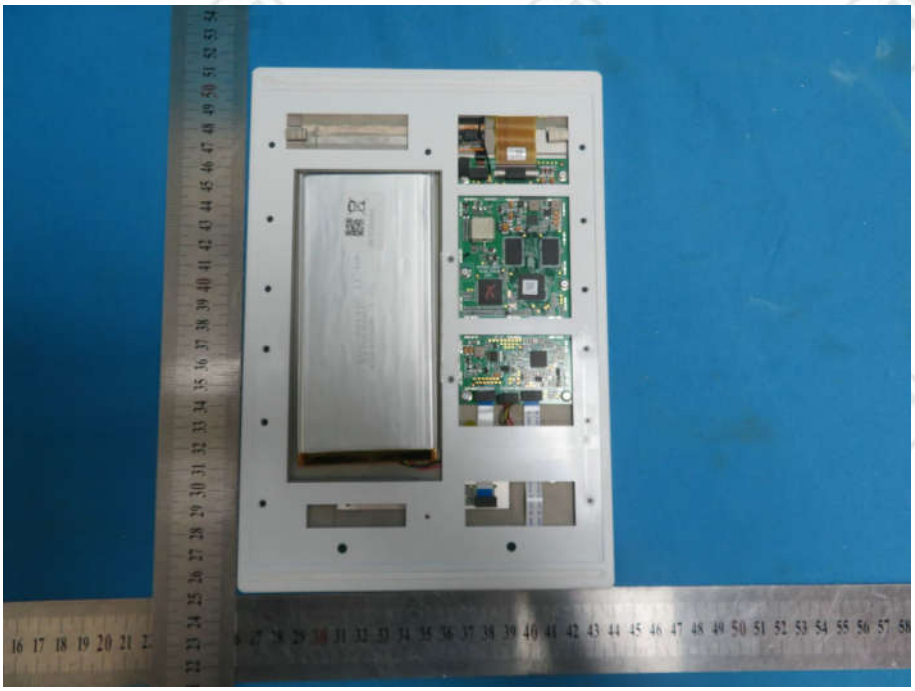
View of Product-6



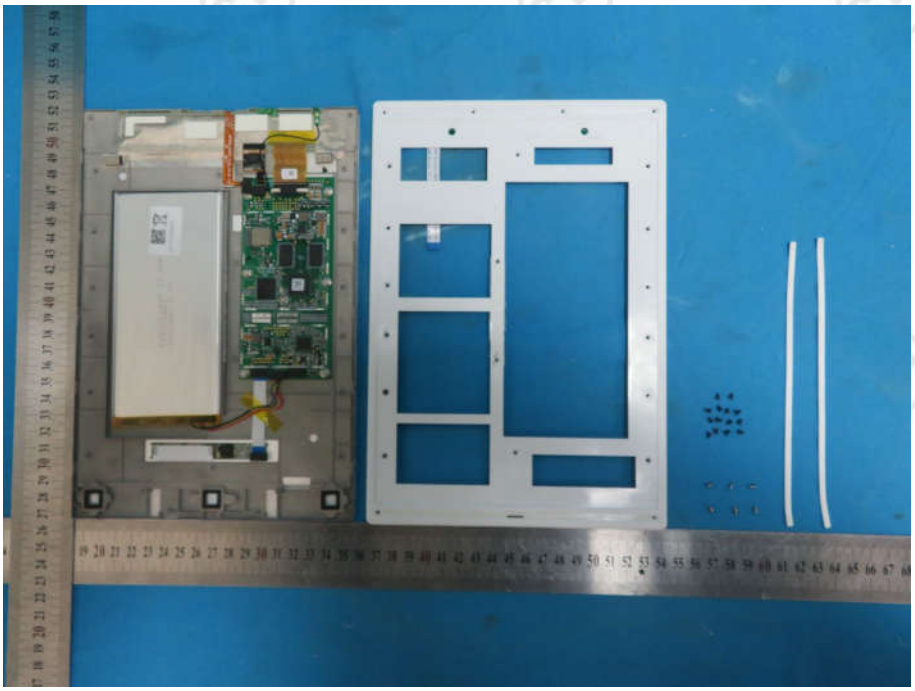
View of Product-7



View of Product-8

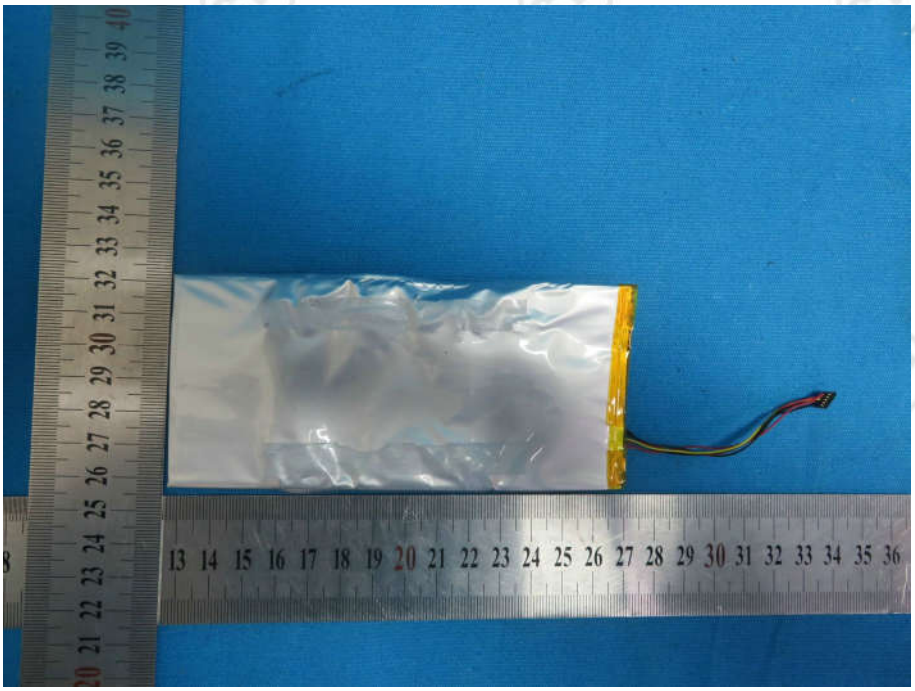


View of Product-9

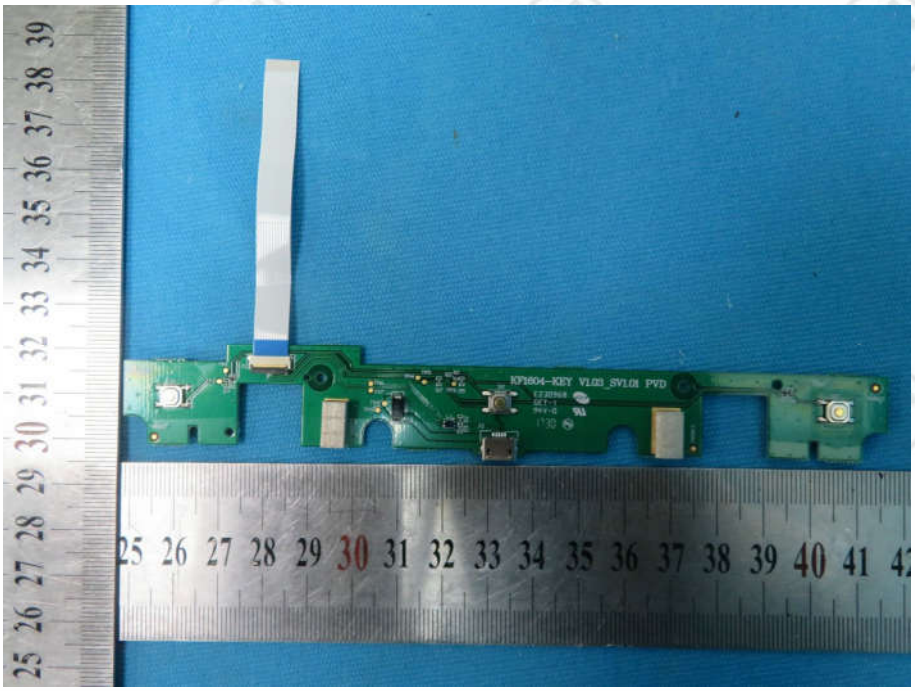


View of Product-10

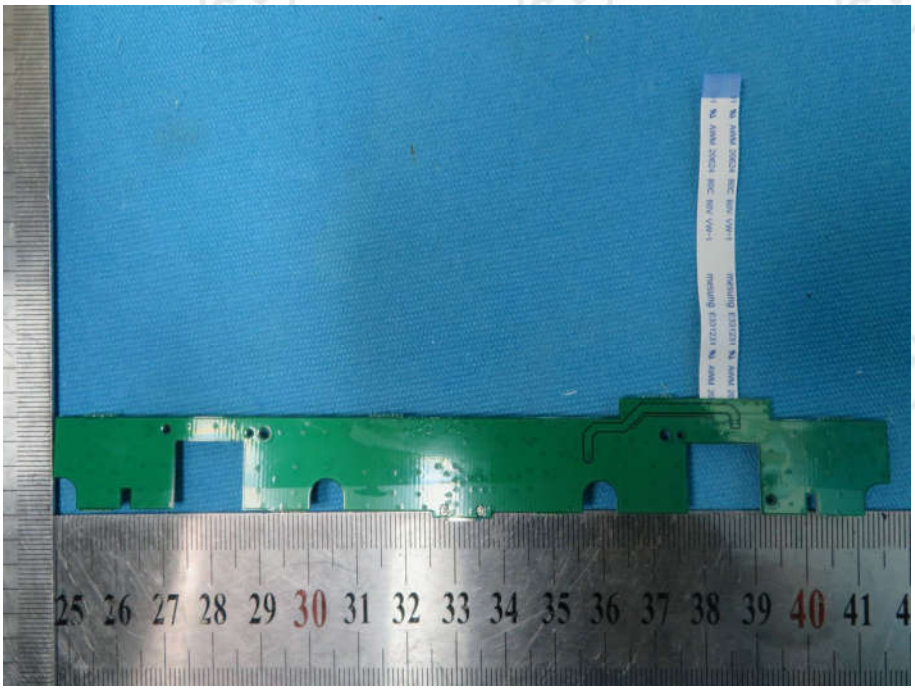
View of Product-11



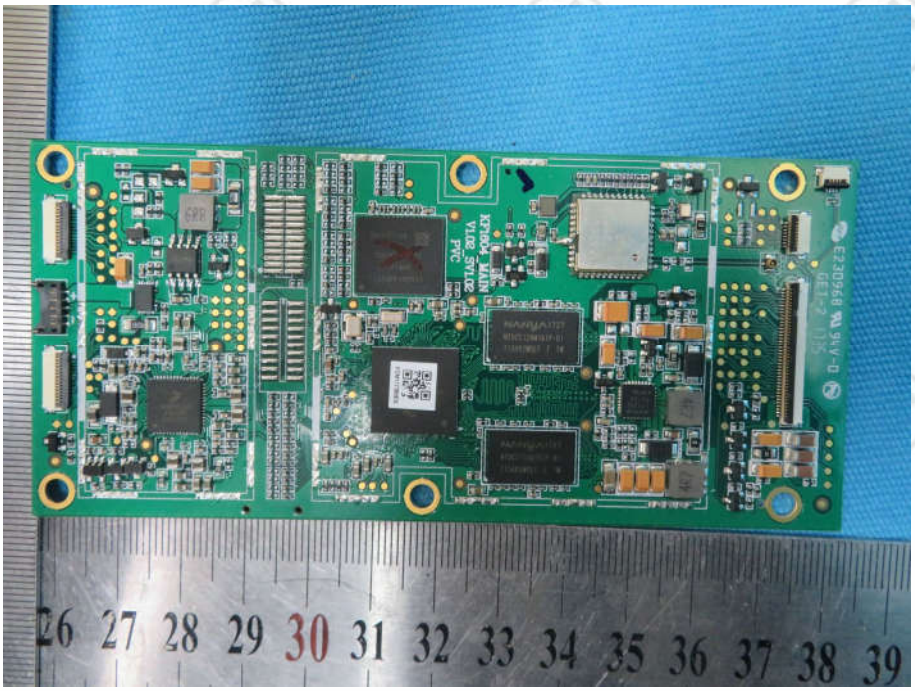
View of Product-12



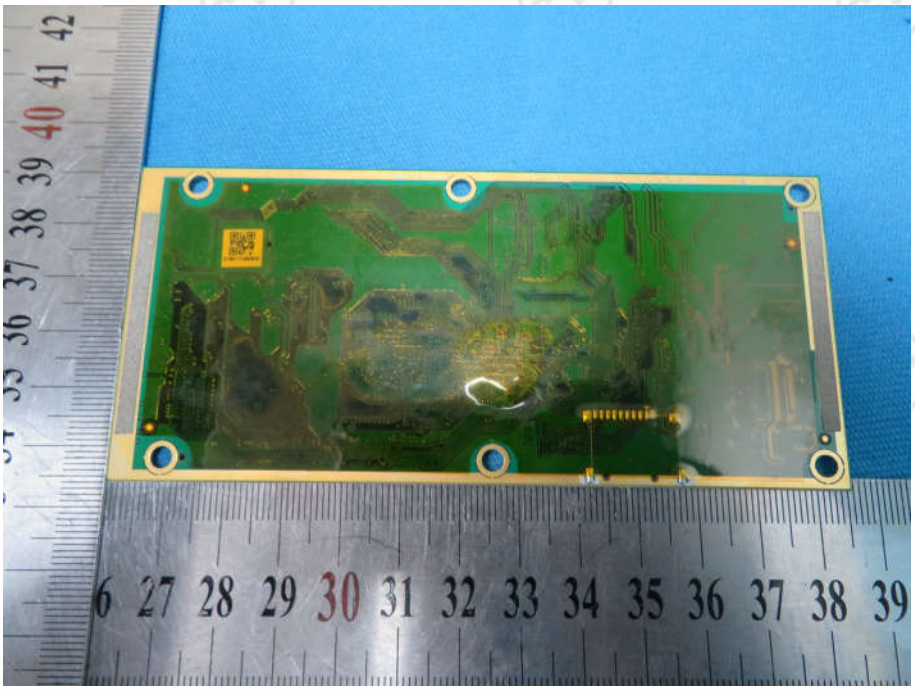
View of Product-13



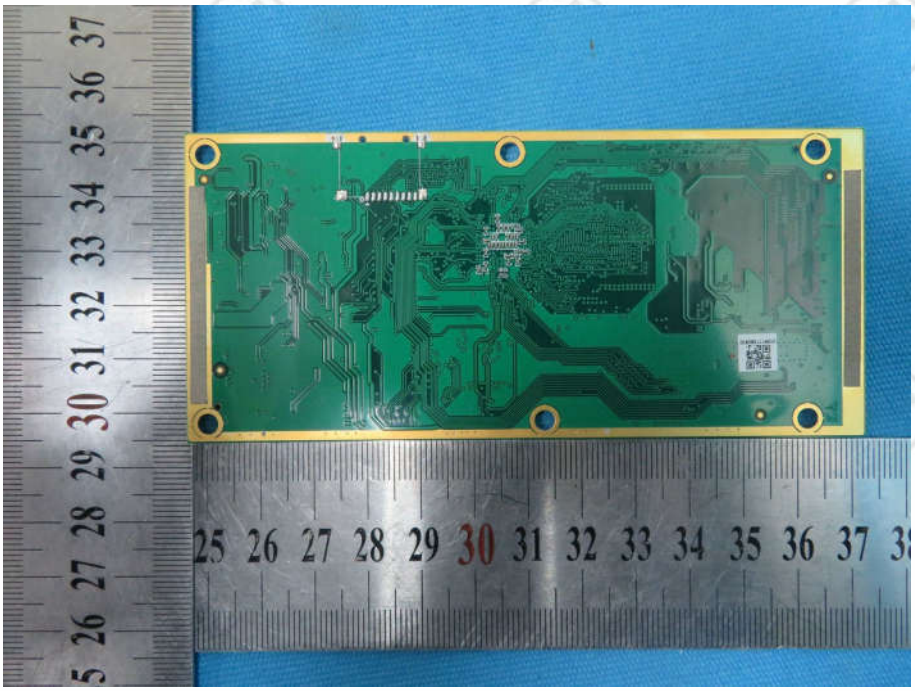
View of Product-14



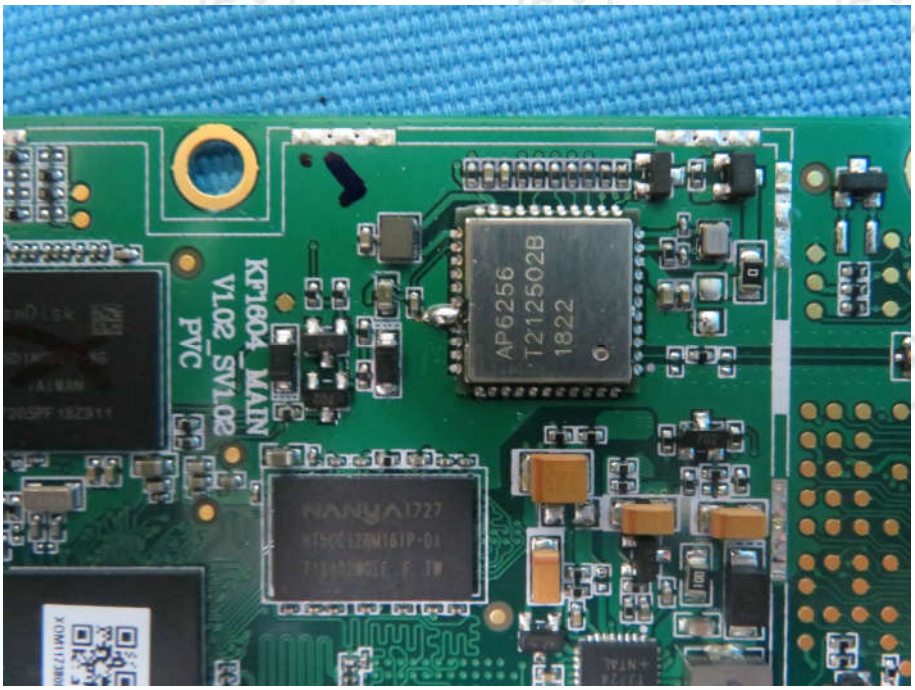
View of Product-15



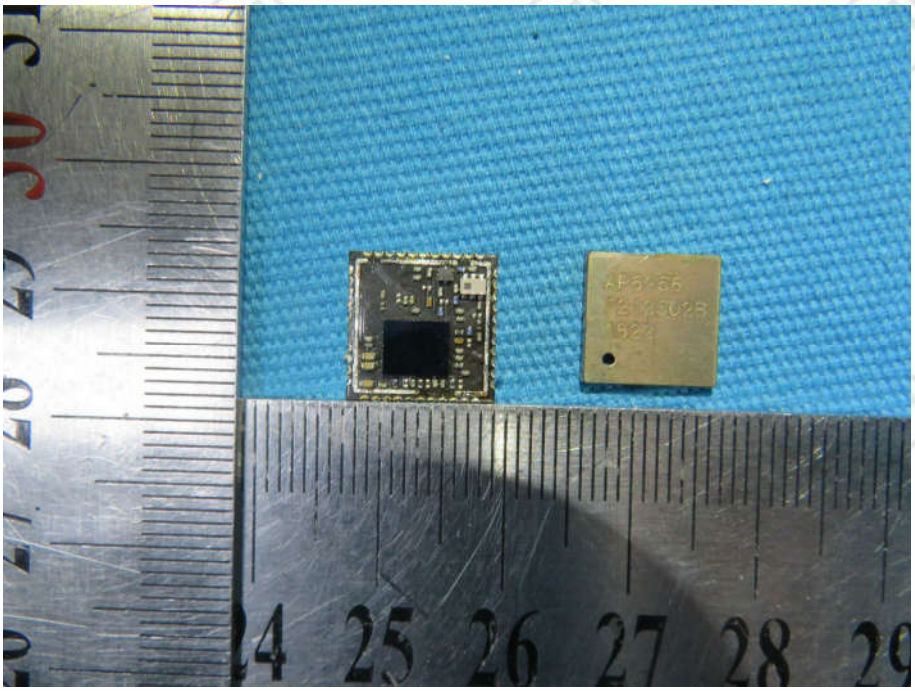
View of Product-16



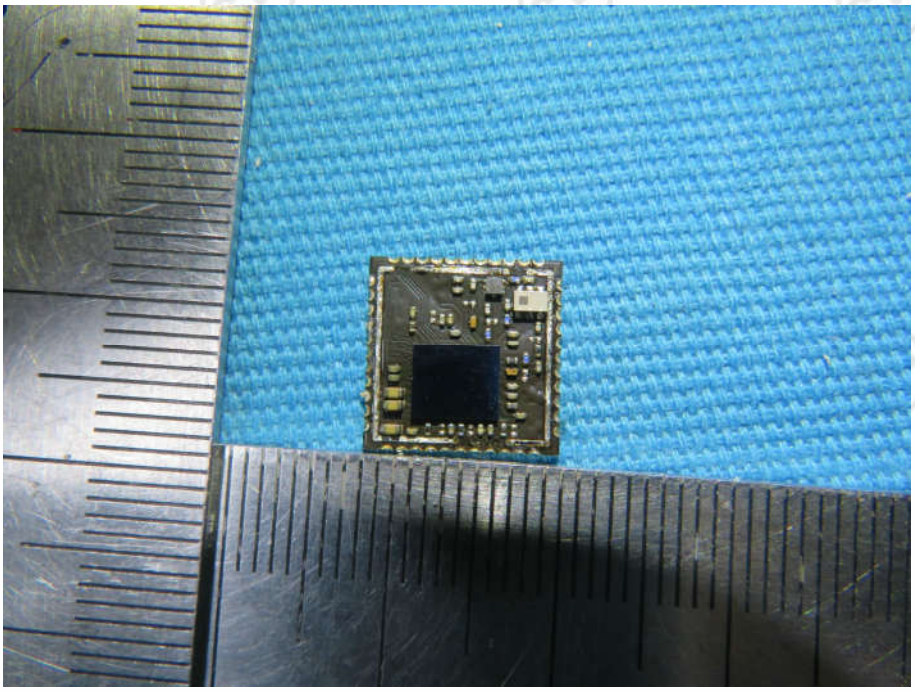
View of Product-17



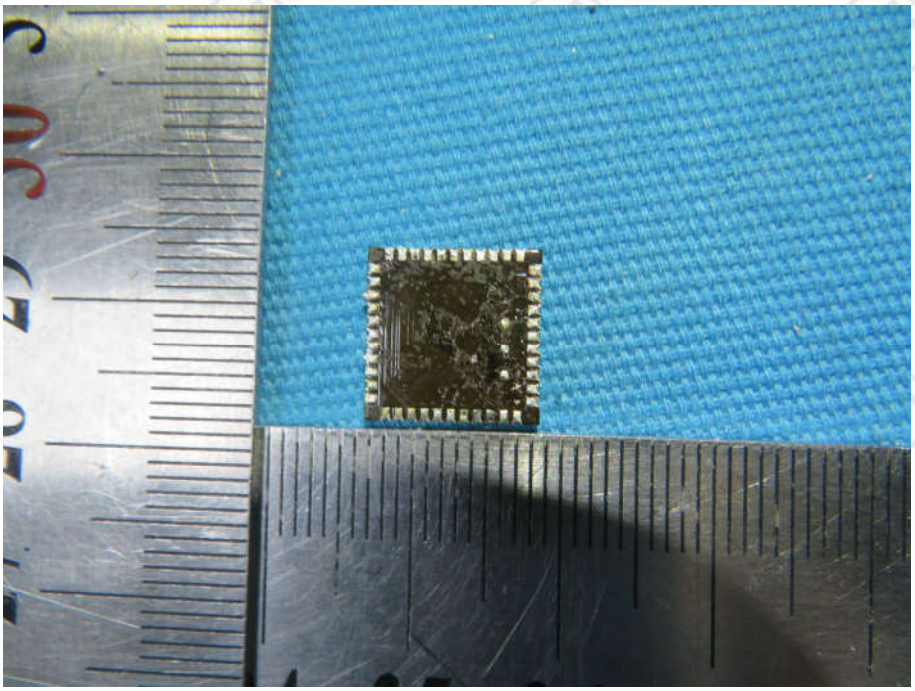
View of Product-18



View of Product-19



View of Product-20



View of Product-21

*** End of Report ***