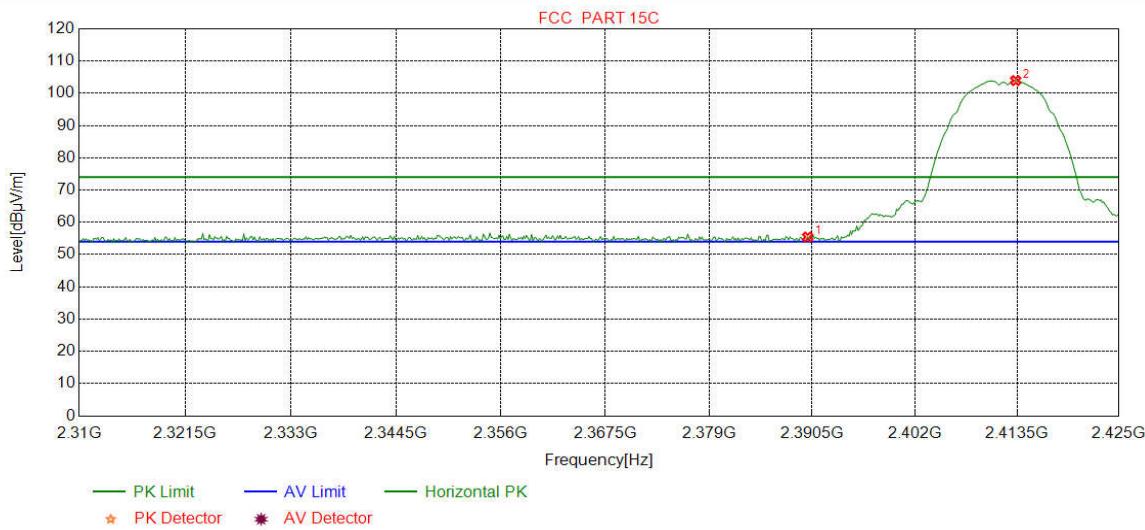


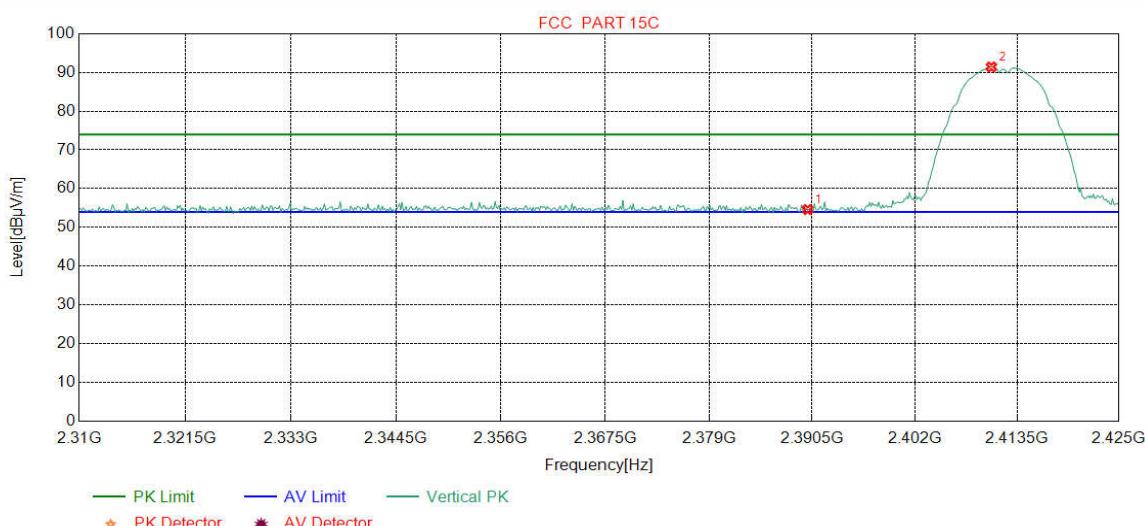
**Test plot as follows:**

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



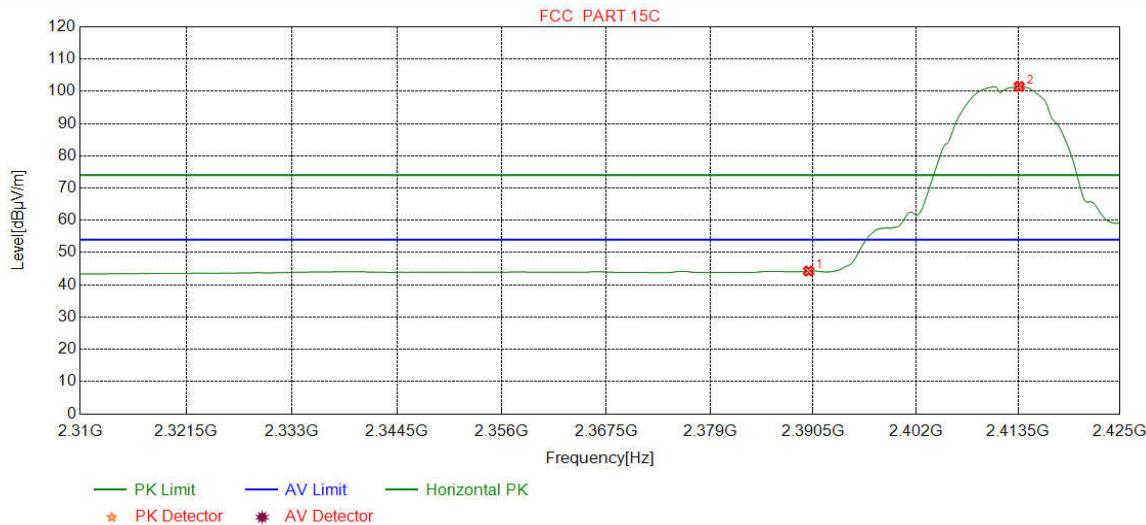
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	52.27	55.45	74.00	18.55	Pass	Horizontal
2	2413.3417	32.28	13.36	-42.43	100.72	103.93	74.00	-29.93	Pass	Horizontal

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



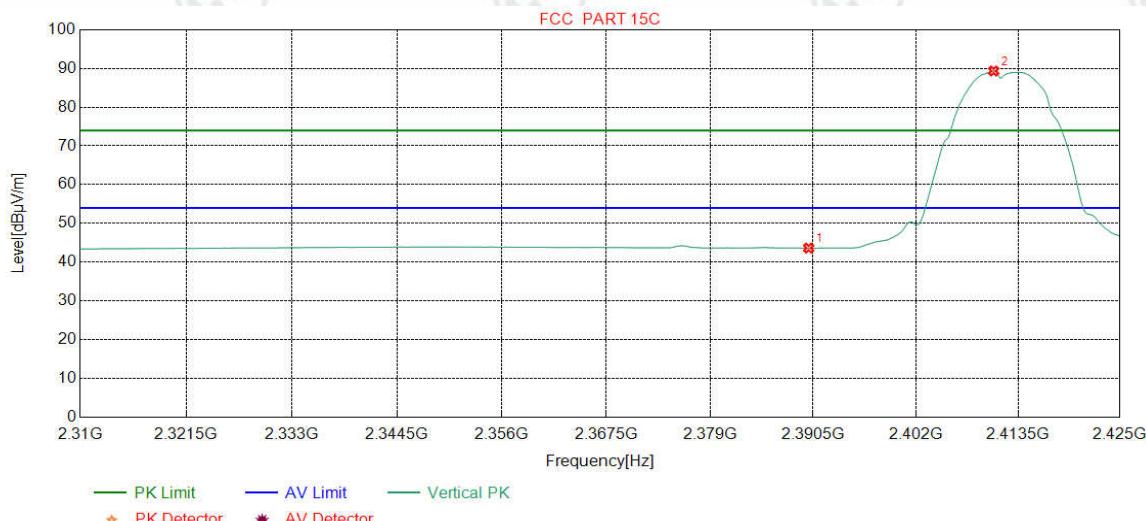
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	51.42	54.60	74.00	19.40	Pass	Vertical
2	2410.6070	32.27	13.35	-42.43	88.25	91.44	74.00	-17.44	Pass	Vertical

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



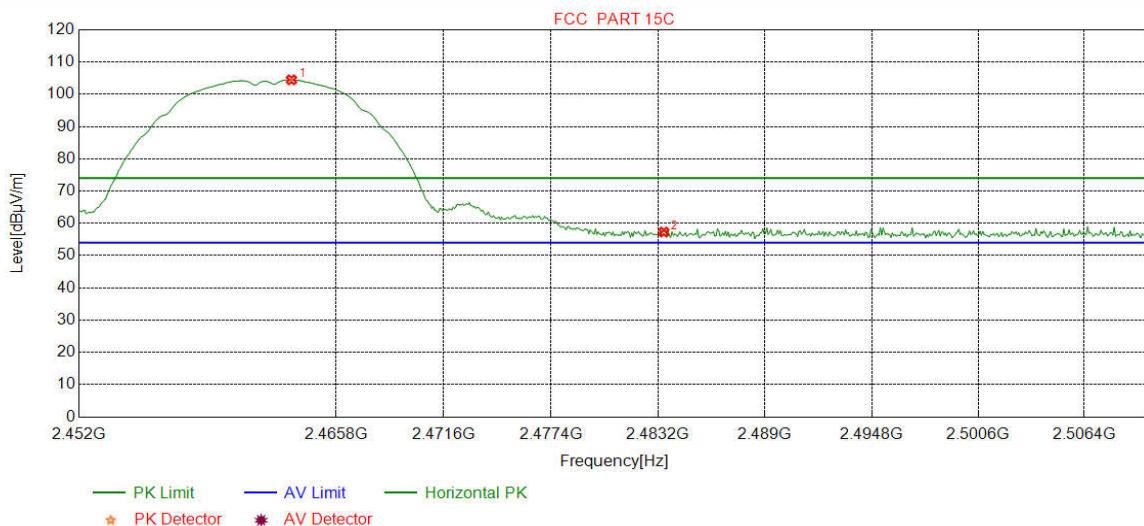
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	41.10	44.28	54.00	9.72	Pass	Horizontal
2	2413.6295	32.28	13.36	-42.43	98.28	101.49	54.00	-47.49	Pass	Horizontal

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



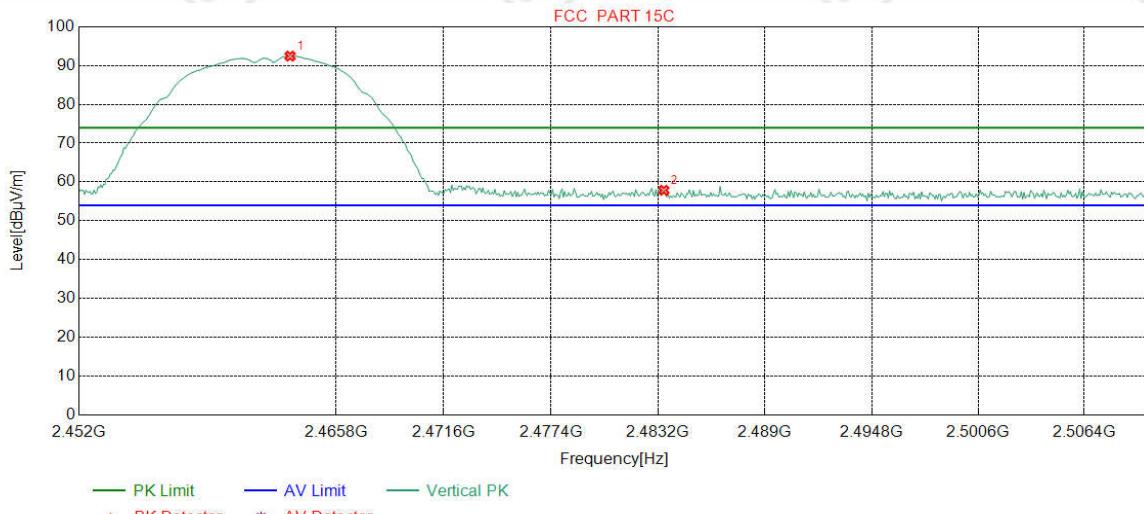
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	40.42	43.60	54.00	10.40	Pass	Vertical
2	2410.7509	32.28	13.35	-42.43	86.16	89.36	54.00	-35.36	Pass	Vertical

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



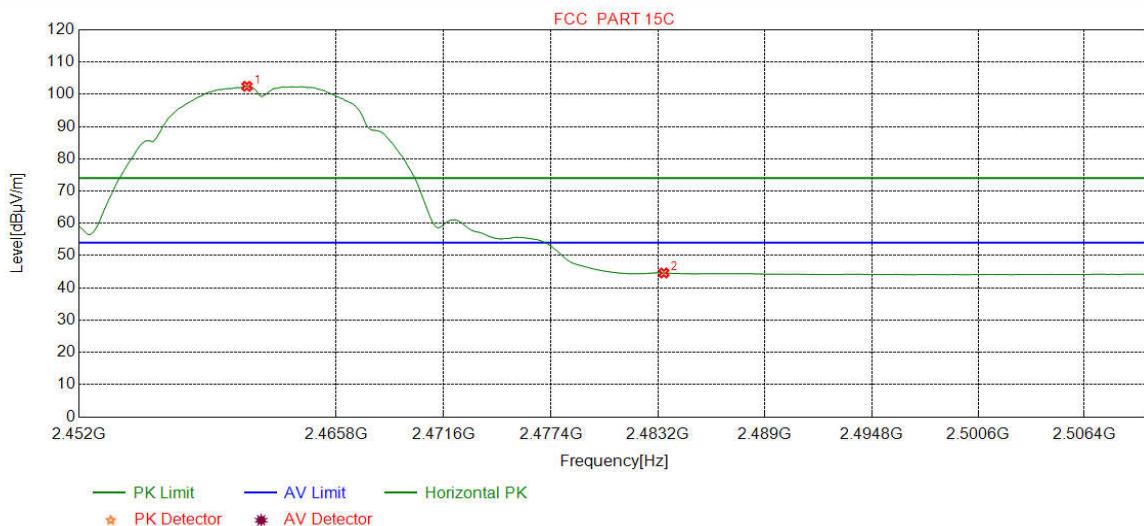
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2463.3967	32.35	13.47	-42.41	101.08	104.49	74.00	-30.49	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	53.94	57.30	74.00	16.70	Pass	Horizontal

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



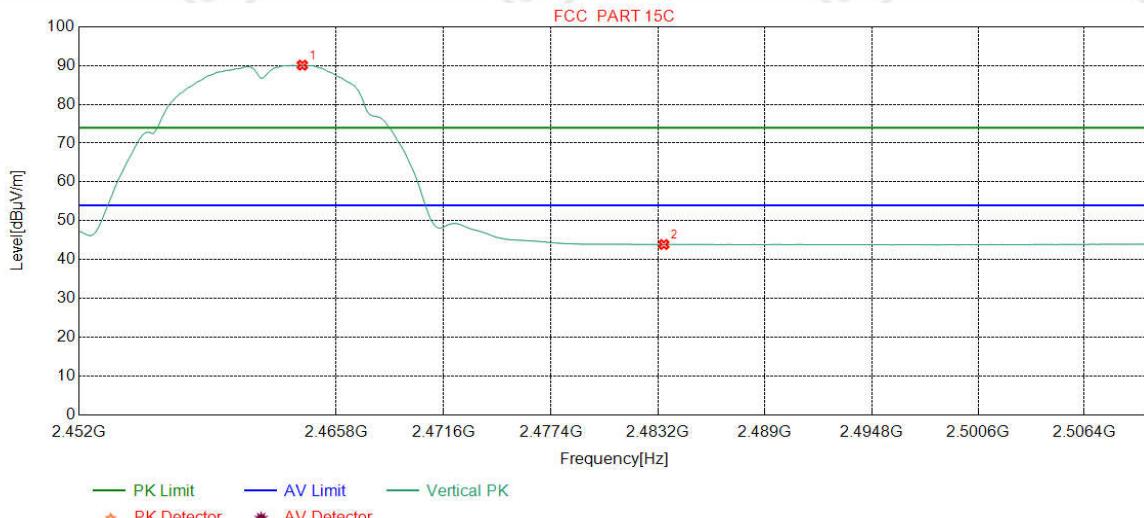
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2463.3242	32.35	13.47	-42.41	89.04	92.45	74.00	-18.45	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	54.49	57.85	74.00	16.15	Pass	Vertical

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



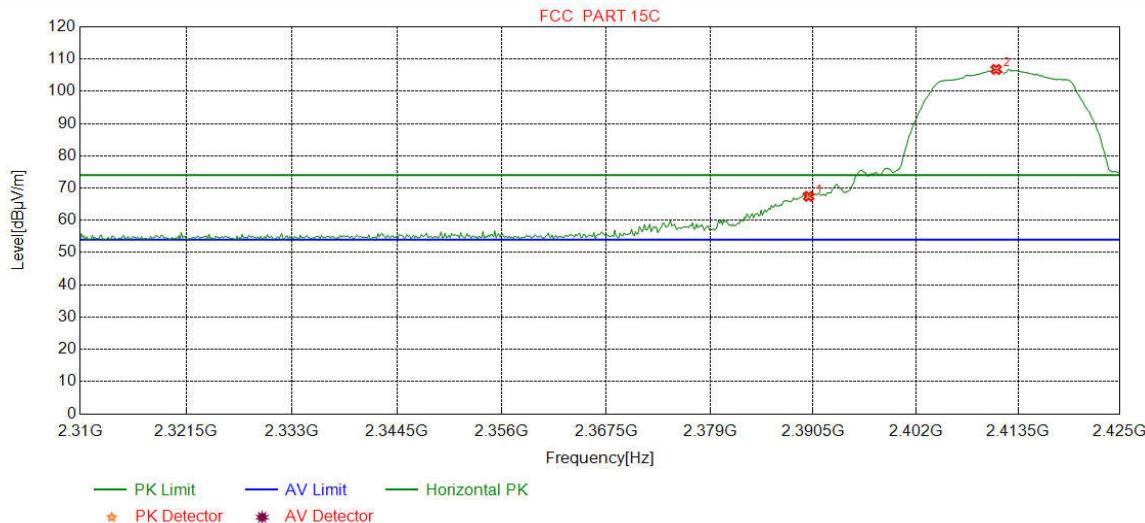
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2461.0013	32.35	13.48	-42.41	99.05	102.47	54.00	-48.47	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	41.24	44.60	54.00	9.40	Pass	Horizontal

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



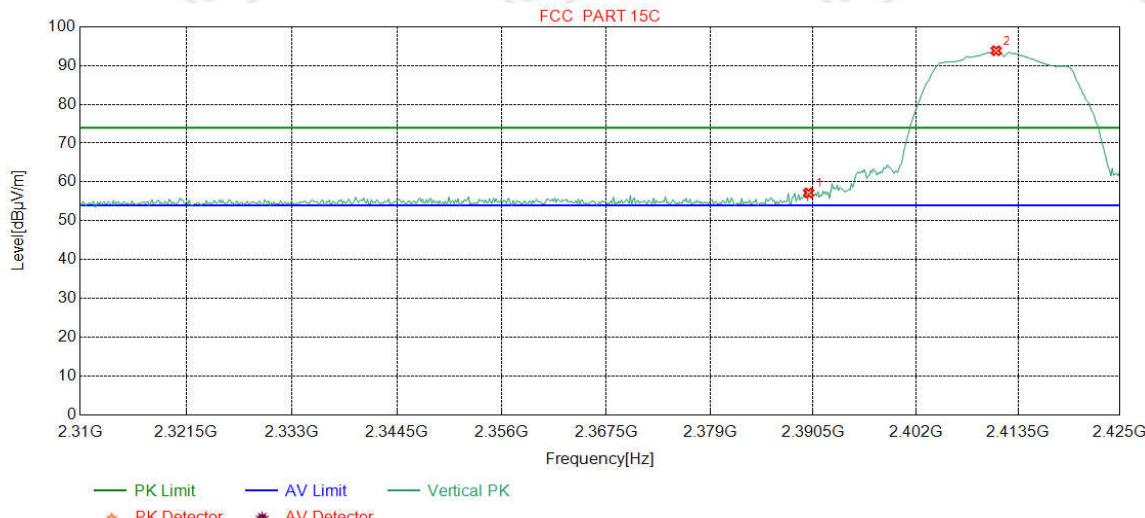
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2463.9775	32.35	13.47	-42.41	86.70	90.11	54.00	-36.11	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	40.51	43.87	54.00	10.13	Pass	Vertical

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



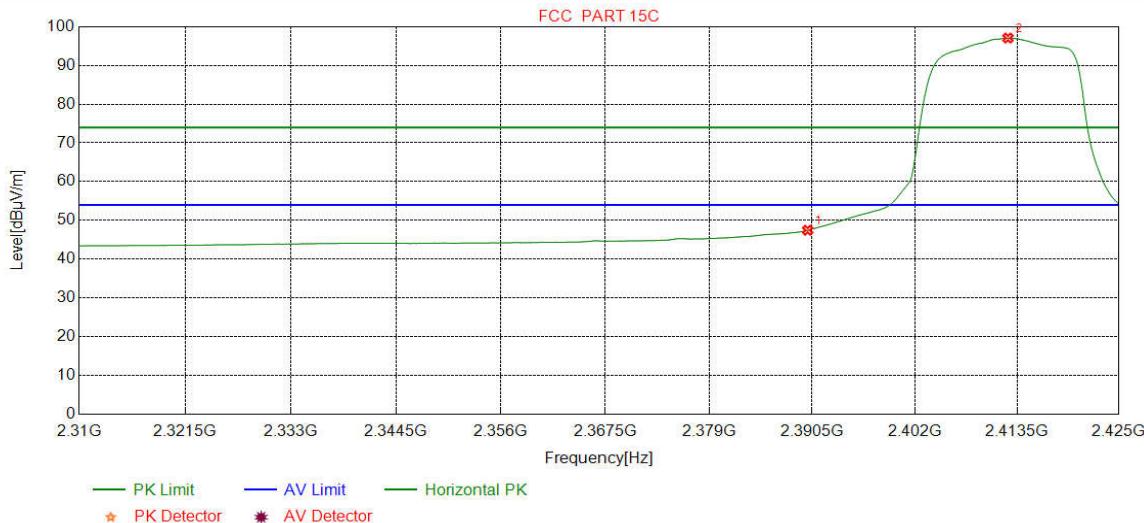
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	64.25	67.43	74.00	6.57	Pass	Horizontal
2	2411.0388	32.28	13.35	-42.43	103.57	106.77	74.00	-32.77	Pass	Horizontal

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



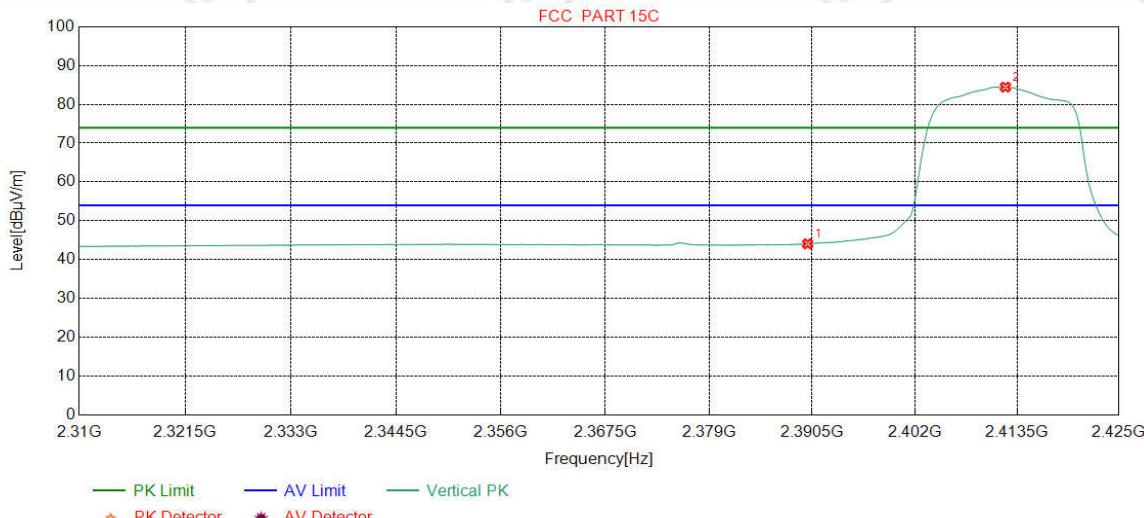
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	53.99	57.17	74.00	16.83	Pass	Vertical
2	2411.0388	32.28	13.35	-42.43	90.63	93.83	74.00	-19.83	Pass	Vertical

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



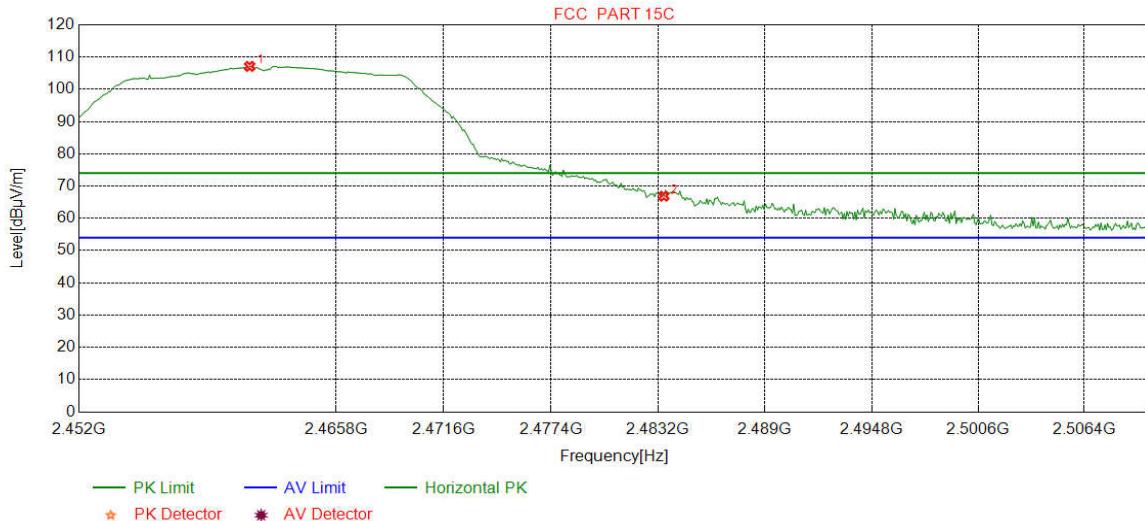
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	44.26	47.44	54.00	6.56	Pass	Horizontal
2	2412.4781	32.28	13.36	-42.43	93.87	97.08	54.00	-43.08	Pass	Horizontal

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



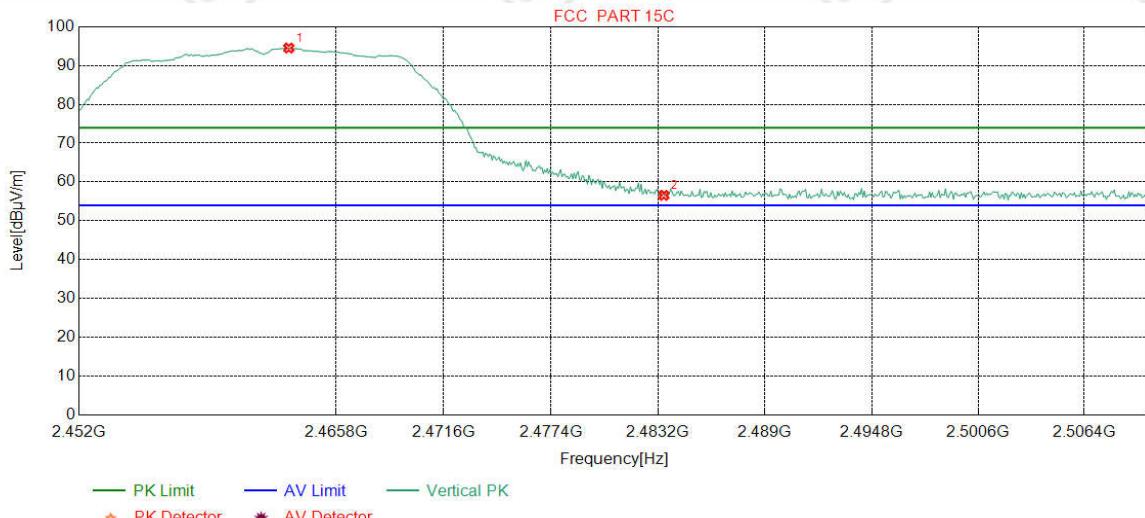
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	40.87	44.05	54.00	9.95	Pass	Vertical
2	2412.1902	32.28	13.36	-42.44	81.26	84.46	54.00	-30.46	Pass	Vertical

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



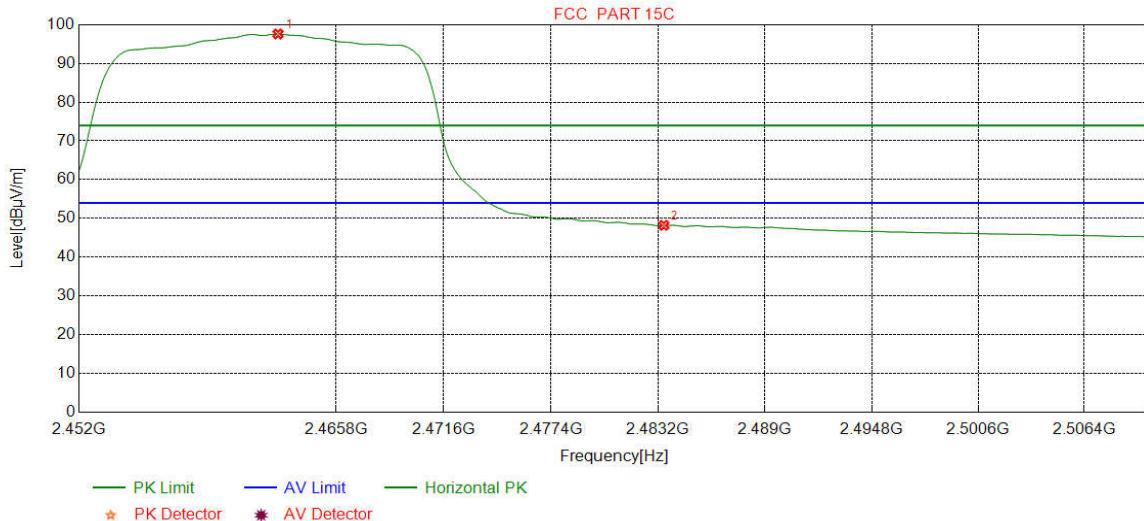
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2461.1464	32.35	13.48	-42.41	103.68	107.10	74.00	-33.10	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	63.50	66.86	74.00	7.14	Pass	Horizontal

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



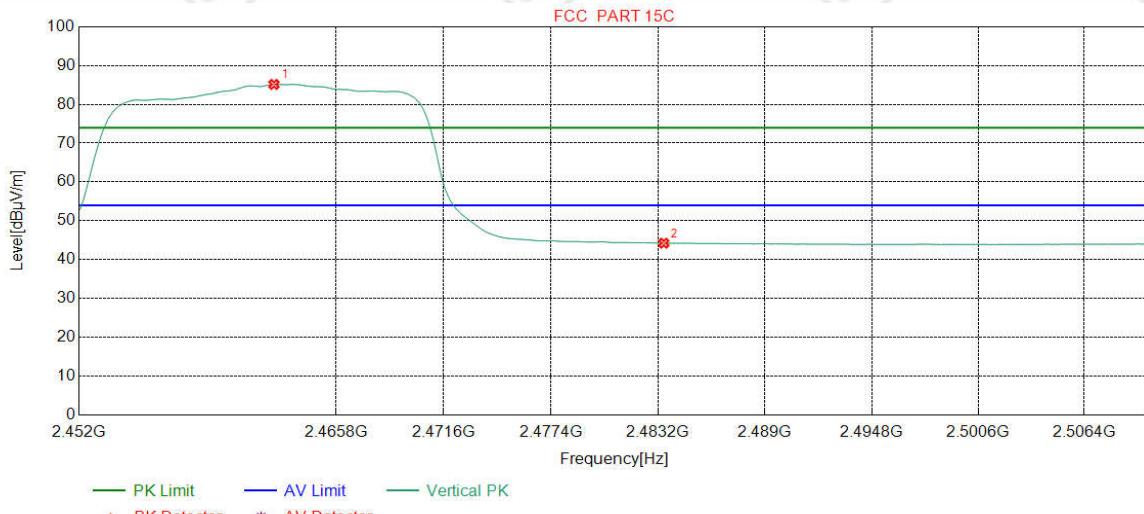
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2463.2516	32.35	13.47	-42.41	91.13	94.54	74.00	-20.54	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	53.19	56.55	74.00	17.45	Pass	Vertical

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



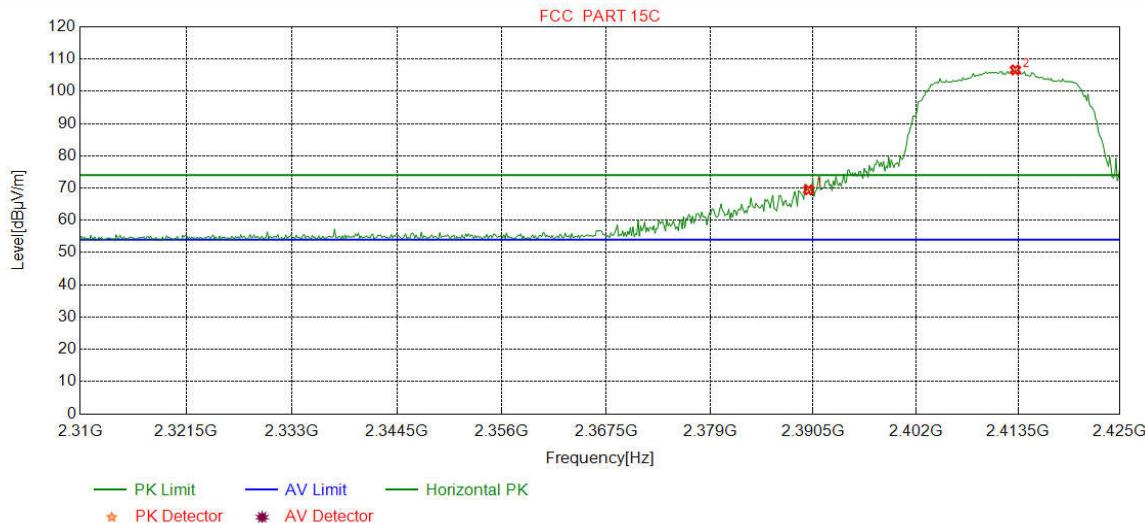
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2462.6708	32.35	13.47	-42.41	94.23	97.64	54.00	-43.64	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	44.84	48.20	54.00	5.80	Pass	Horizontal

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



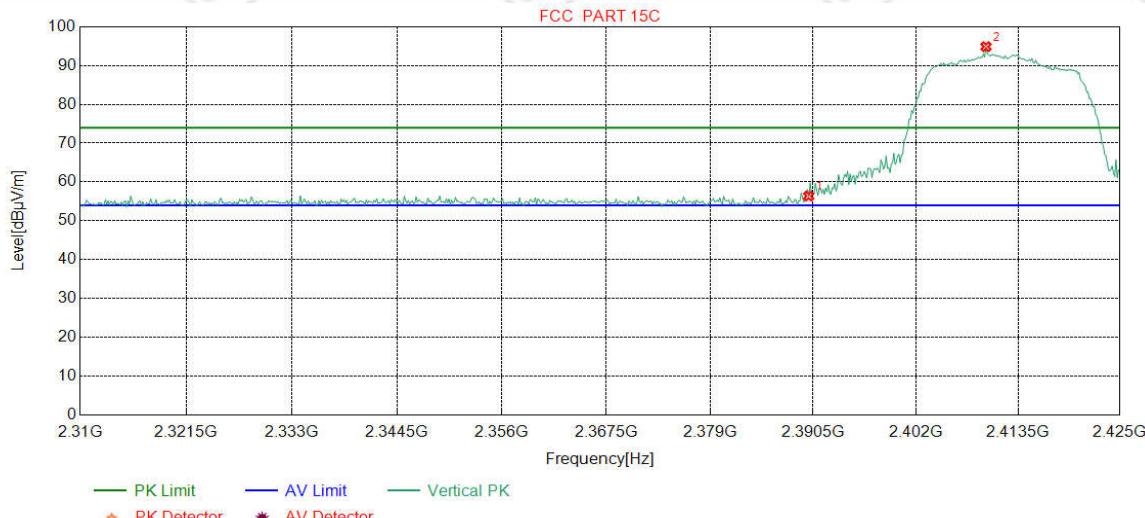
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2462.4531	32.35	13.47	-42.41	81.75	85.16	54.00	-31.16	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	40.85	44.21	54.00	9.79	Pass	Vertical

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



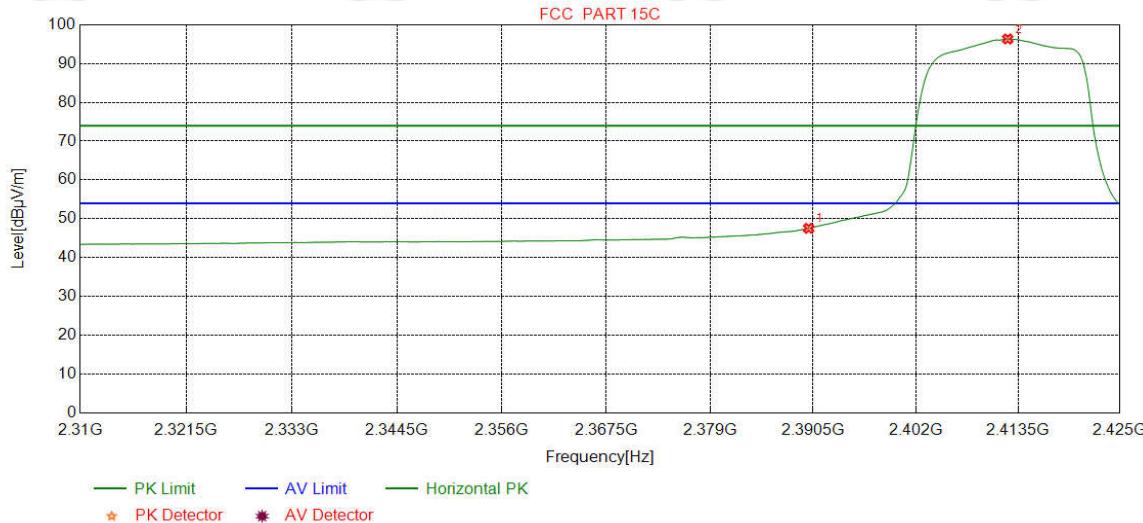
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	66.26	69.44	74.00	4.56	Pass	Horizontal
2	2413.1977	32.28	13.36	-42.43	103.40	106.61	74.00	-32.61	Pass	Horizontal

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



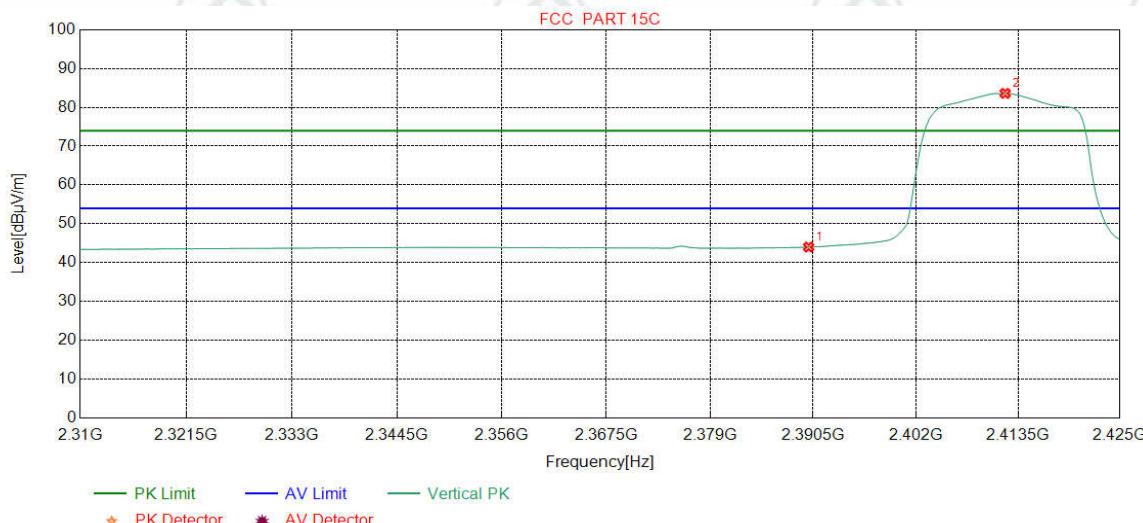
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	53.18	56.36	74.00	17.64	Pass	Vertical
2	2409.8874	32.27	13.35	-42.43	91.69	94.88	74.00	-20.88	Pass	Vertical

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



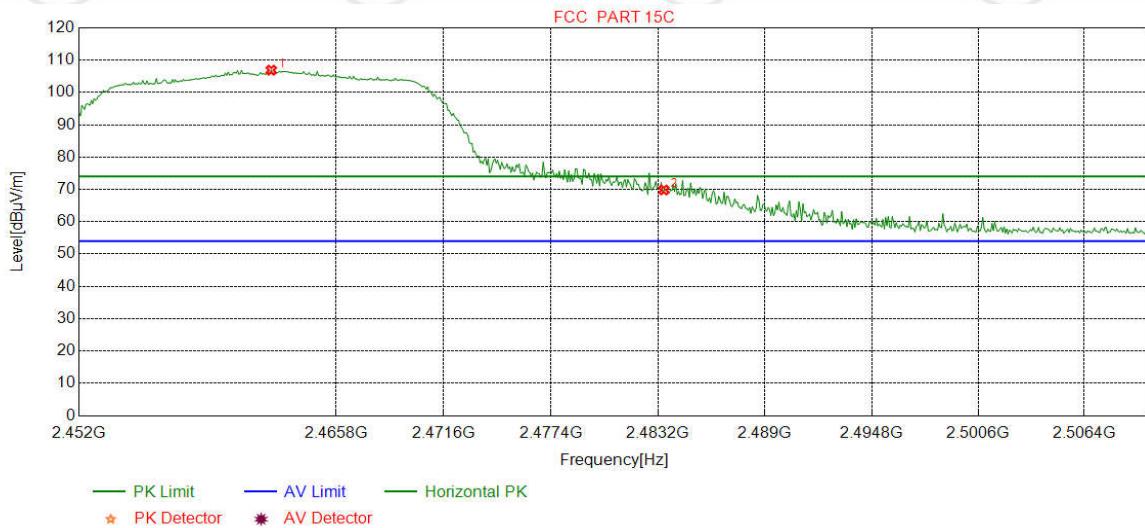
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	44.35	47.53	54.00	6.47	Pass	Horizontal
2	2412.3342	32.28	13.36	-42.43	93.14	96.35	54.00	-42.35	Pass	Horizontal

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



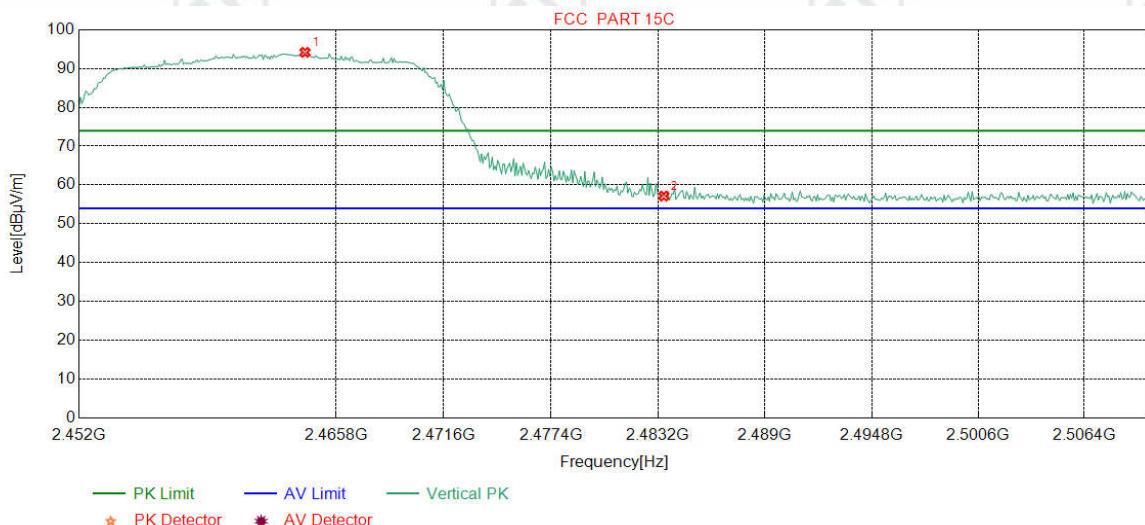
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	40.81	43.99	54.00	10.01	Pass	Vertical
2	2412.0463	32.28	13.36	-42.44	80.42	83.62	54.00	-29.62	Pass	Vertical

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



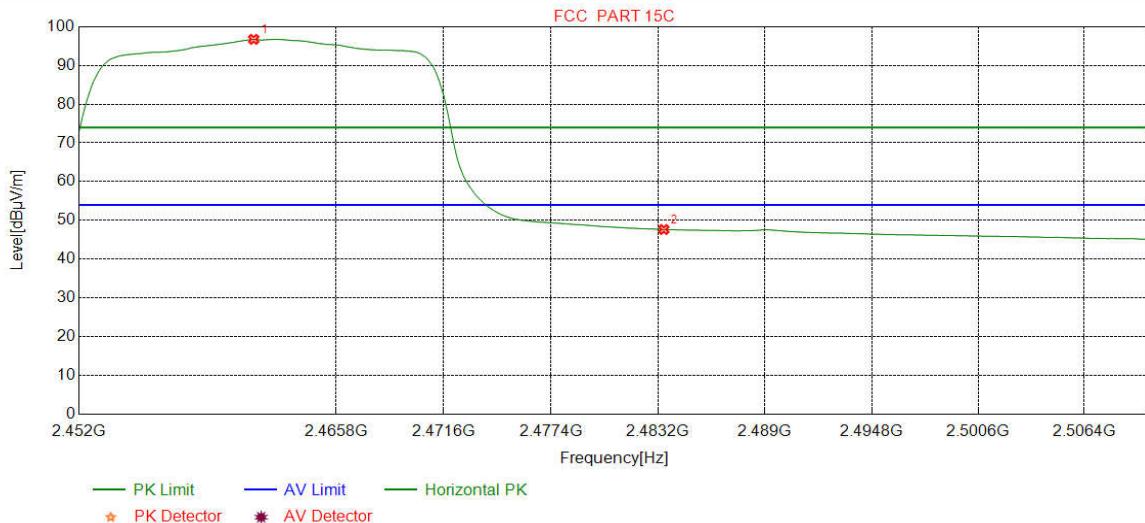
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2462.3079	32.35	13.47	-42.41	103.48	106.89	74.00	-32.89	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	66.46	69.82	74.00	4.18	Pass	Horizontal

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



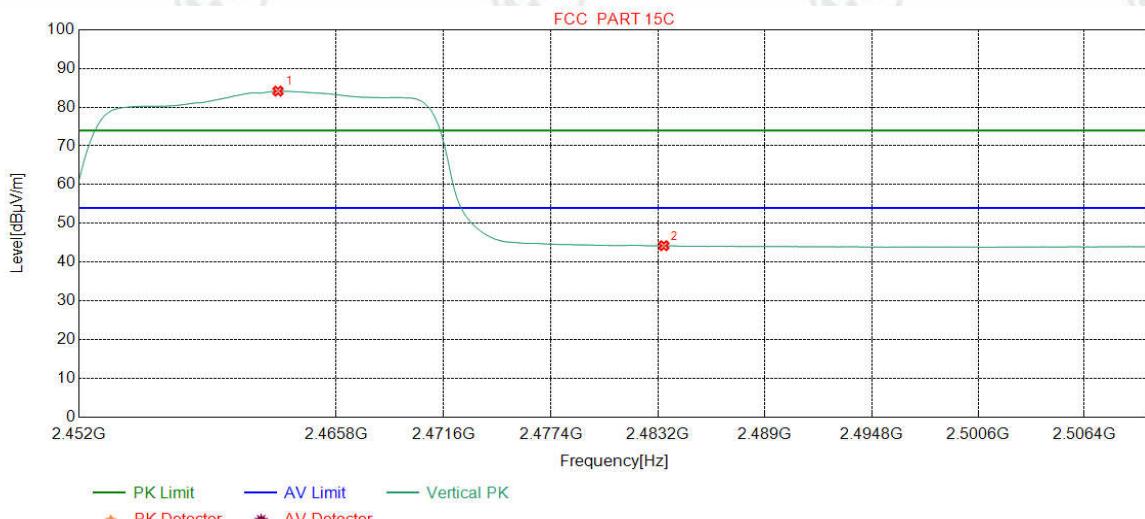
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2464.1227	32.35	13.47	-42.41	90.79	94.20	74.00	-20.20	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	53.78	57.14	74.00	16.86	Pass	Vertical

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



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2461.3642	32.35	13.48	-42.41	93.34	96.76	54.00	-42.76	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	44.27	47.63	54.00	6.37	Pass	Horizontal

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



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Result	Polarity
1	2462.6708	32.35	13.47	-42.41	80.75	84.16	54.00	-30.16	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	40.86	44.22	54.00	9.78	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; 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

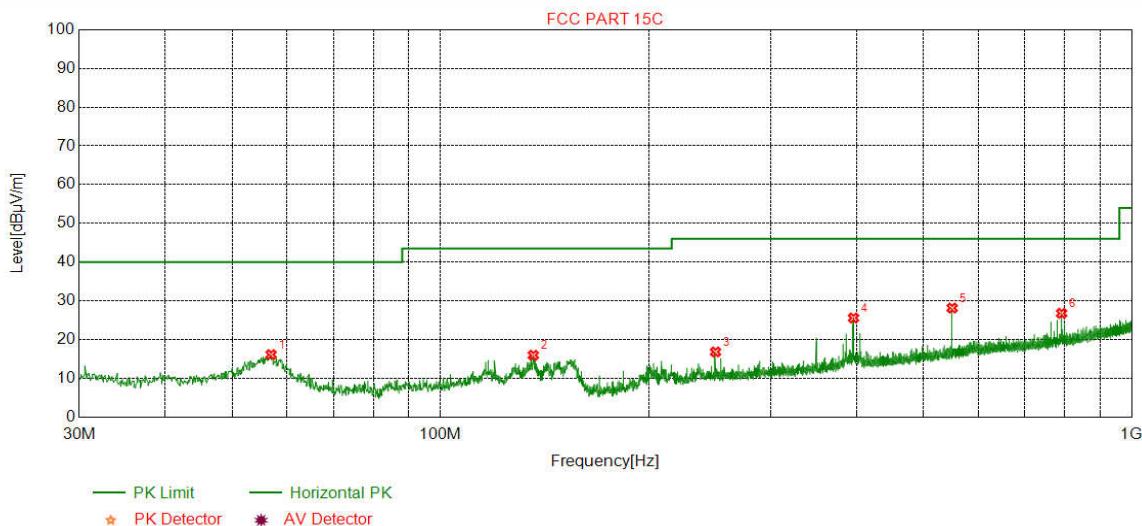
<b>Receiver Setup:</b>	Frequency	Detector	RBW	VBW	Remark					
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak					
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average					
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak					
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak					
	0.110MHz-0.490MHz	Average	10kHz	30kHz	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					
<b>Test Procedure:</b>										
<b>Below 1GHz test procedure as below:</b>										
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.										
<b>Above 1GHz test procedure as below:</b>										
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.										
<b>Limit:</b>	Frequency	Field strength (microvolt/meter)	Limit (dB $\mu$ V/m)	Remark	Measurement distance (m)					
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300					
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30					
	1.705MHz-30MHz	30	-	-	30					
	30MHz-88MHz	100	40.0	Quasi-peak	3					
	88MHz-216MHz	150	43.5	Quasi-peak	3					
	216MHz-960MHz	200	46.0	Quasi-peak	3					
	960MHz-1GHz	500	54.0	Quasi-peak	3					
	Above 1GHz	500	54.0	Average	3					
Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.										

## Radiated Spurious Emissions test Data:

**Product** : 10 inch WIFI Digital Photo      **Model/Type reference** : Skylight 2  
**Temperature** : 20°C      **Humidity** : 57%

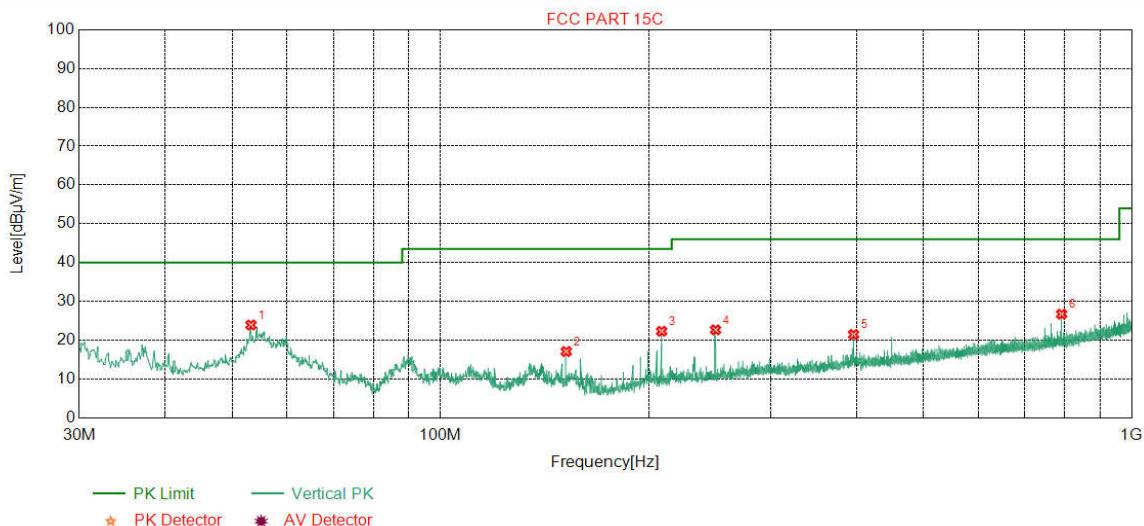
### Radiated Emission below 1GHz

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2437
Remark:	QP		



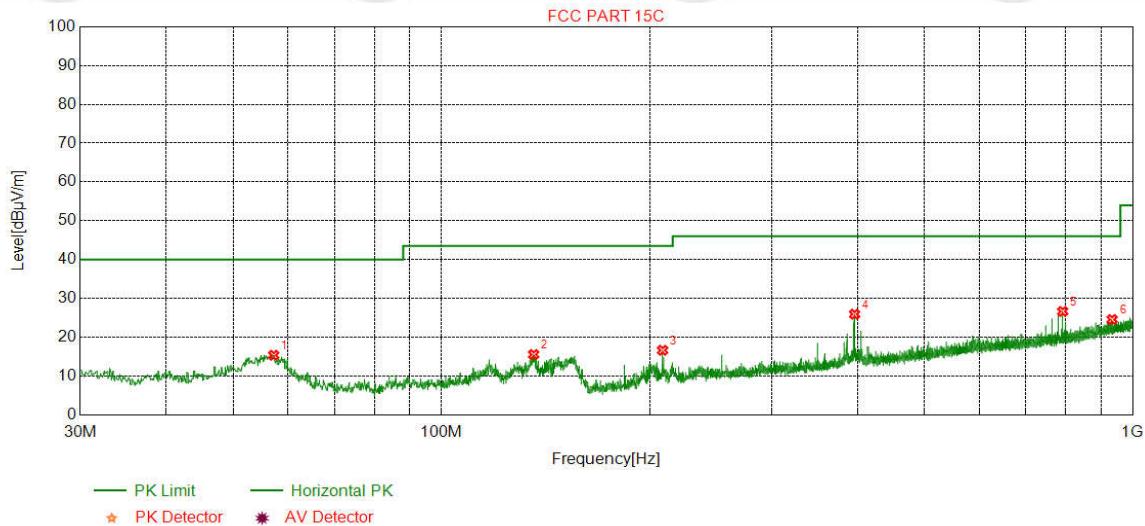
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity
1	56.8717	12.10	0.86	-32.06	35.19	16.09	40.00	23.91	Pass	Horizontal
2	136.2256	7.39	1.37	-32.01	39.18	15.93	43.50	27.57	Pass	Horizontal
3	250.0180	12.20	1.88	-31.90	34.60	16.78	46.00	29.22	Pass	Horizontal
4	395.9206	15.31	2.37	-31.78	39.65	25.55	46.00	20.45	Pass	Horizontal
5	549.9720	18.00	2.79	-31.96	39.29	28.12	46.00	17.88	Pass	Horizontal
6	792.0112	20.81	3.37	-31.98	34.56	26.76	46.00	19.24	Pass	Horizontal

Mode:	802.11 b(11Mbps) Transmitting	Channel:	2437
Remark:	QP		



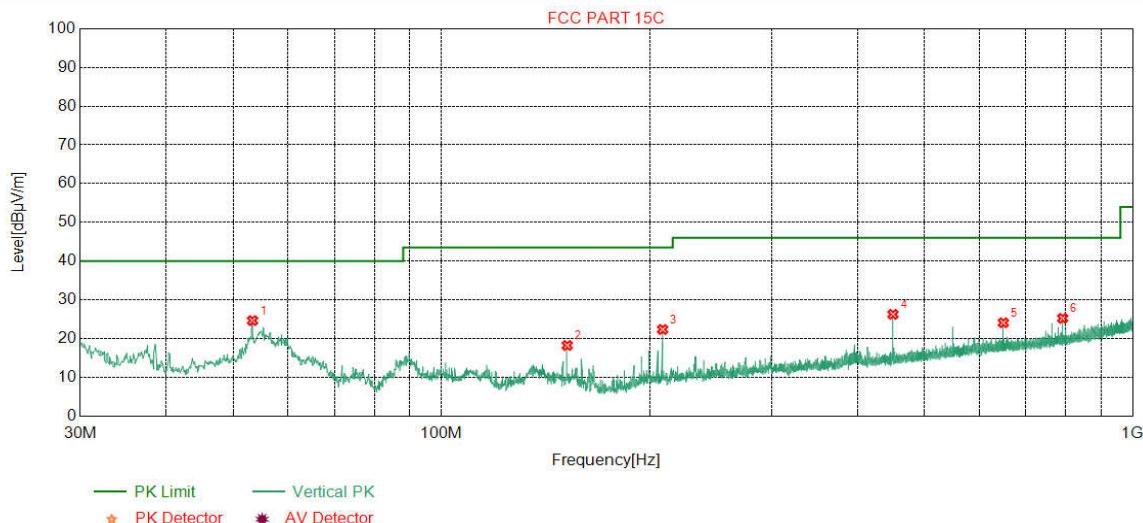
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity
1	53.1853	12.69	0.83	-32.10	42.48	23.90	40.00	16.10	Pass	Vertical
2	152.0382	7.62	1.45	-32.00	39.98	17.05	43.50	26.45	Pass	Vertical
3	208.8859	11.13	1.71	-31.94	41.37	22.27	43.50	21.23	Pass	Vertical
4	250.0180	12.20	1.88	-31.90	40.46	22.64	46.00	23.36	Pass	Vertical
5	396.0176	15.31	2.37	-31.78	35.54	21.44	46.00	24.56	Pass	Vertical
6	792.0112	20.81	3.37	-31.98	34.49	26.69	46.00	19.31	Pass	Vertical

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



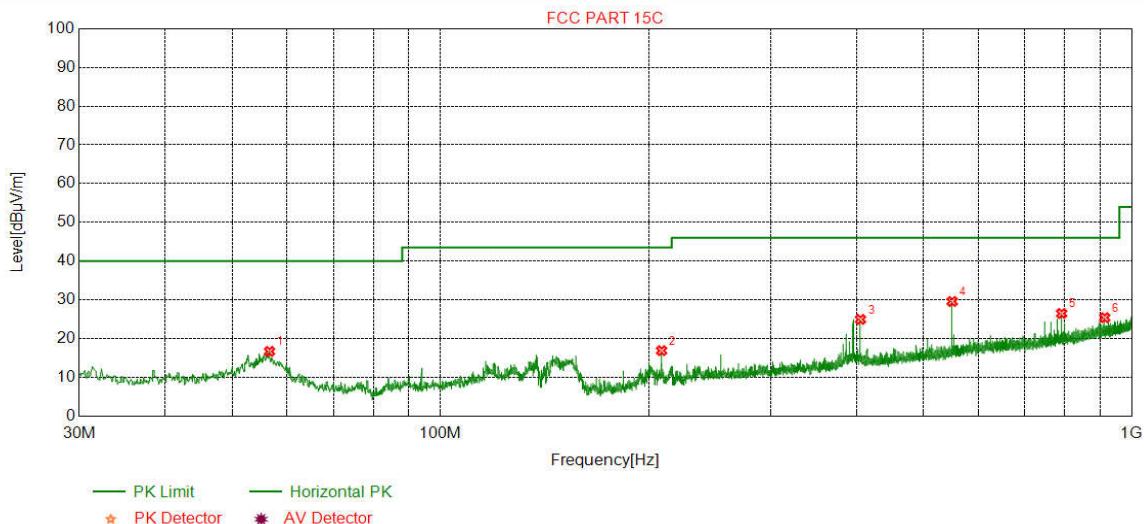
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity
1	57.1627	12.05	0.87	-32.06	34.46	15.32	40.00	24.68	Pass	Horizontal
2	135.9346	7.40	1.37	-32.00	38.74	15.51	43.50	27.99	Pass	Horizontal
3	208.8859	11.13	1.71	-31.94	35.70	16.60	43.50	26.90	Pass	Horizontal
4	396.0176	15.31	2.37	-31.78	40.00	25.90	46.00	20.10	Pass	Horizontal
5	792.1082	20.81	3.37	-31.98	34.43	26.63	46.00	19.37	Pass	Horizontal
6	933.8394	22.30	3.66	-31.32	29.89	24.53	46.00	21.47	Pass	Horizontal

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



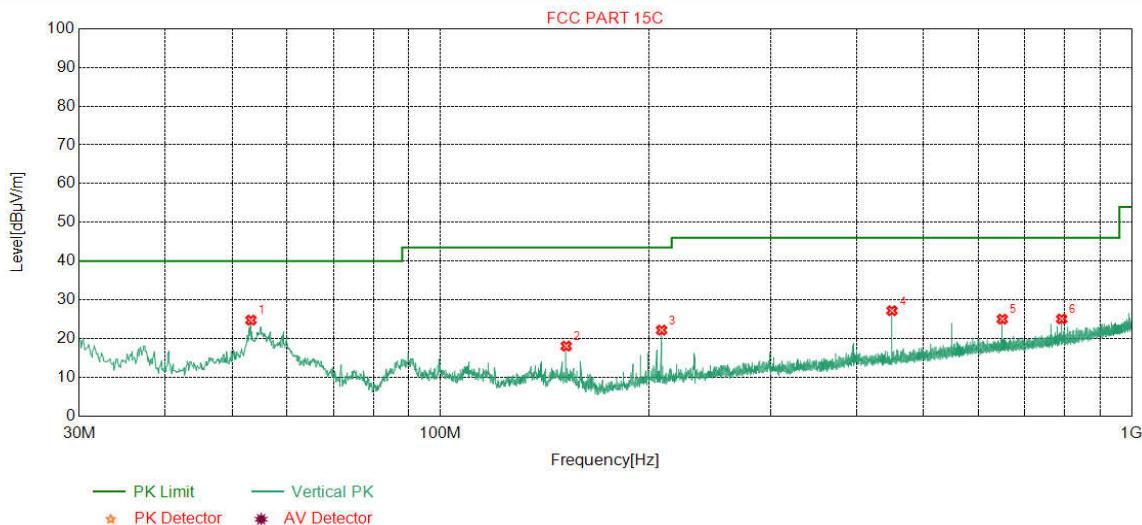
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity
1	53.2823	12.67	0.83	-32.09	43.21	24.62	40.00	15.38	Pass	Vertical
2	152.0382	7.62	1.45	-32.00	41.12	18.19	43.50	25.31	Pass	Vertical
3	208.8859	11.13	1.71	-31.94	41.42	22.32	43.50	21.18	Pass	Vertical
4	450.0520	16.20	2.51	-31.89	39.41	26.23	46.00	19.77	Pass	Vertical
5	649.9890	19.40	3.10	-32.07	33.62	24.05	46.00	21.95	Pass	Vertical
6	792.0112	20.81	3.37	-31.98	33.00	25.20	46.00	20.80	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 [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity
1	56.5807	12.15	0.86	-32.07	35.72	16.66	40.00	23.34	Pass	Horizontal
2	208.8859	11.13	1.71	-31.94	35.95	16.85	43.50	26.65	Pass	Horizontal
3	405.2335	15.48	2.40	-31.80	38.84	24.92	46.00	21.08	Pass	Horizontal
4	549.9720	18.00	2.79	-31.96	40.73	29.56	46.00	16.44	Pass	Horizontal
5	792.0112	20.81	3.37	-31.98	34.26	26.46	46.00	19.54	Pass	Horizontal
6	914.2434	22.19	3.62	-31.45	31.02	25.38	46.00	20.62	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 [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity
1	53.1853	12.69	0.83	-32.10	43.31	24.73	40.00	15.27	Pass	Vertical
2	152.0382	7.62	1.45	-32.00	40.96	18.03	43.50	25.47	Pass	Vertical
3	208.8859	11.13	1.71	-31.94	41.25	22.15	43.50	21.35	Pass	Vertical
4	450.0520	16.20	2.51	-31.89	40.35	27.17	46.00	18.83	Pass	Vertical
5	649.9890	19.40	3.10	-32.07	34.56	24.99	46.00	21.01	Pass	Vertical
6	792.0112	20.81	3.37	-31.98	32.84	25.04	46.00	20.96	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 [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity	Remark
1	1188.2188	28.09	2.67	-42.88	57.94	45.82	74.00	28.18	Pass	H	Peak
2	3192.4128	33.28	4.64	-42.01	50.19	46.10	74.00	27.90	Pass	H	Peak
3	4824.0000	34.50	4.61	-40.65	48.66	47.12	74.00	26.88	Pass	H	Peak
4	6033.7523	35.81	5.25	-41.10	47.83	47.79	74.00	26.21	Pass	H	Peak
5	7236.0000	36.34	5.79	-40.99	46.39	47.53	74.00	26.47	Pass	H	Peak
6	9648.0000	37.66	6.72	-40.73	46.10	49.75	74.00	24.25	Pass	H	Peak
7	1188.0188	28.09	2.67	-42.88	61.70	49.58	74.00	24.42	Pass	V	Peak
8	3398.4766	33.36	4.56	-41.88	49.33	45.37	74.00	28.63	Pass	V	Peak
9	4824.0000	34.50	4.61	-40.65	46.97	45.43	74.00	28.57	Pass	V	Peak
10	6332.7722	35.87	5.46	-41.16	48.25	48.42	74.00	25.58	Pass	V	Peak
11	7236.0000	36.34	5.79	-40.99	45.58	46.72	74.00	27.28	Pass	V	Peak
12	9648.0000	37.66	6.72	-40.73	45.06	48.71	74.00	25.29	Pass	V	Peak

Mode:		802.11b(11Mbps) Transmitting			Channel:				2437		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity	Remark
1	1187.8188	28.09	2.67	-42.88	58.77	46.65	74.00	27.35	Pass	H	Peak
2	2771.9772	32.84	4.19	-42.25	54.40	49.18	74.00	24.82	Pass	H	Peak
3	4874.0749	34.50	4.78	-40.61	48.13	46.80	74.00	27.20	Pass	H	Peak
4	5892.6928	35.63	5.06	-40.99	47.48	47.18	74.00	26.82	Pass	H	Peak
5	7311.0000	36.41	5.85	-40.93	45.26	46.59	74.00	27.41	Pass	H	Peak
6	9748.0000	37.70	6.77	-40.63	43.50	47.34	74.00	26.66	Pass	H	Peak
7	1188.2188	28.09	2.67	-42.88	60.48	48.36	74.00	25.64	Pass	V	Peak
8	3209.9640	33.28	4.61	-41.99	50.34	46.24	74.00	27.76	Pass	V	Peak
9	4874.0000	34.50	4.78	-40.61	46.51	45.18	74.00	28.82	Pass	V	Peak
10	6122.1581	35.82	5.26	-41.11	47.26	47.23	74.00	26.77	Pass	V	Peak
11	7311.0000	36.41	5.85	-40.93	45.34	46.67	74.00	27.33	Pass	V	Peak
12	9748.0000	37.70	6.77	-40.63	44.52	48.36	74.00	25.64	Pass	V	Peak

Mode:		802.11b(11Mbps) Transmitting			Channel:				2462		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity	Remark
1	1187.8188	28.09	2.67	-42.88	57.68	45.56	74.00	28.44	Pass	H	Peak
2	2771.9772	32.84	4.19	-42.25	54.29	49.07	74.00	24.93	Pass	H	Peak
3	4924.0000	34.50	4.85	-40.56	48.09	46.88	74.00	27.12	Pass	H	Peak
4	5678.1785	35.29	5.00	-40.81	47.38	46.86	74.00	27.14	Pass	H	Peak
5	7386.0000	36.49	5.85	-40.87	45.77	47.24	74.00	26.76	Pass	H	Peak
6	9848.0000	37.74	6.83	-40.54	43.96	47.99	74.00	26.01	Pass	H	Peak
7	1188.4188	28.09	2.67	-42.88	60.48	48.36	74.00	25.64	Pass	V	Peak
8	3167.7112	33.27	4.60	-42.02	50.46	46.31	74.00	27.69	Pass	V	Peak
9	4924.0000	34.50	4.85	-40.56	47.24	46.03	74.00	27.97	Pass	V	Peak
10	6292.4695	35.86	5.44	-41.15	47.77	47.92	74.00	26.08	Pass	V	Peak
11	7386.0000	36.49	5.85	-40.87	46.16	47.63	74.00	26.37	Pass	V	Peak
12	9848.0000	37.74	6.83	-40.54	44.26	48.29	74.00	25.71	Pass	V	Peak

Mode:		802.11g(6Mbps) Transmitting			Channel:				2412		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity	Remark
1	1188.2188	28.09	2.67	-42.88	58.22	46.10	74.00	27.90	Pass	H	Peak
2	2771.9772	32.84	4.19	-42.25	55.24	50.02	74.00	23.98	Pass	H	Peak
3	4824.0000	34.50	4.61	-40.65	46.09	44.55	74.00	29.45	Pass	H	Peak
4	6345.7731	35.87	5.46	-41.16	48.06	48.23	74.00	25.77	Pass	H	Peak
5	7236.0000	36.34	5.79	-40.99	48.03	49.17	74.00	24.83	Pass	H	Peak
6	9648.0000	37.66	6.72	-40.73	45.27	48.92	74.00	25.08	Pass	H	Peak
7	1188.2188	28.09	2.67	-42.88	61.43	49.31	74.00	24.69	Pass	V	Peak
8	2772.3772	32.84	4.19	-42.25	54.82	49.60	74.00	24.40	Pass	V	Peak
9	4824.0000	34.50	4.61	-40.65	45.98	44.44	74.00	29.56	Pass	V	Peak
10	5529.3186	35.05	5.16	-40.67	48.14	47.68	74.00	26.32	Pass	V	Peak
11	7236.0000	36.34	5.79	-40.99	45.70	46.84	74.00	27.16	Pass	V	Peak
12	9648.0000	37.66	6.72	-40.73	45.25	48.90	74.00	25.10	Pass	V	Peak

Mode:		802.11g(6Mbps) Transmitting			Channel:				2437		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity	Remark
1	1187.6188	28.09	2.67	-42.88	58.54	46.42	74.00	27.58	Pass	H	Peak
2	3733.2489	33.59	4.31	-41.34	48.33	44.89	74.00	29.11	Pass	H	Peak
3	4874.0000	34.50	4.78	-40.61	45.14	43.81	74.00	30.19	Pass	H	Peak
4	6314.5710	35.86	5.46	-41.15	47.47	47.64	74.00	26.36	Pass	H	Peak
5	7311.0000	36.41	5.85	-40.93	46.11	47.44	74.00	26.56	Pass	H	Peak
6	9748.0000	37.70	6.77	-40.63	45.58	49.42	74.00	24.58	Pass	H	Peak
7	1188.2188	28.09	2.67	-42.88	60.42	48.30	74.00	25.70	Pass	V	Peak
8	2771.9772	32.84	4.19	-42.25	55.08	49.86	74.00	24.14	Pass	V	Peak
9	4874.0000	34.50	4.78	-40.61	45.96	44.63	74.00	29.37	Pass	V	Peak
10	5945.3464	35.71	5.30	-41.04	47.82	47.79	74.00	26.21	Pass	V	Peak
11	7311.0000	36.41	5.85	-40.93	45.51	46.84	74.00	27.16	Pass	V	Peak
12	9748.0000	37.70	6.77	-40.63	43.98	47.82	74.00	26.18	Pass	V	Peak

Mode:		802.11g(6Mbps) Transmitting			Channel:				2462		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity	Remark
1	1188.0188	28.09	2.67	-42.88	58.15	46.03	74.00	27.97	Pass	H	Peak
2	3423.1782	33.37	4.50	-41.87	49.23	45.23	74.00	28.77	Pass	H	Peak
3	4924.0000	34.50	4.85	-40.56	46.86	45.65	74.00	28.35	Pass	H	Peak
4	6081.2054	35.82	5.24	-41.11	48.14	48.09	74.00	25.91	Pass	H	Peak
5	7386.0000	36.49	5.85	-40.87	45.74	47.21	74.00	26.79	Pass	H	Peak
6	9848.0000	37.74	6.83	-40.54	43.81	47.84	74.00	26.16	Pass	H	Peak
7	1188.2188	28.09	2.67	-42.88	60.49	48.37	74.00	25.63	Pass	V	Peak
8	2771.9772	32.84	4.19	-42.25	54.47	49.25	74.00	24.75	Pass	V	Peak
9	4924.0000	34.50	4.85	-40.56	45.42	44.21	74.00	29.79	Pass	V	Peak
10	6446.5298	35.89	5.51	-41.18	48.12	48.34	74.00	25.66	Pass	V	Peak
11	7386.0000	36.49	5.85	-40.87	46.19	47.66	74.00	26.34	Pass	V	Peak
12	9848.0000	37.74	6.83	-40.54	43.80	47.83	74.00	26.17	Pass	V	Peak

Mode:		802.11n(HT20)(6.5Mbps)			Channel:				2412		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity	Remark
1	1188.2188	28.09	2.67	-42.88	57.89	45.77	74.00	28.23	Pass	H	Peak
2	3276.2684	33.31	4.52	-41.96	50.03	45.90	74.00	28.10	Pass	H	Peak
3	4824.0000	34.50	4.61	-40.65	46.53	44.99	74.00	29.01	Pass	H	Peak
4	6055.2037	35.81	5.22	-41.10	47.91	47.84	74.00	26.16	Pass	H	Peak
5	7236.0000	36.34	5.79	-40.99	45.91	47.05	74.00	26.95	Pass	H	Peak
6	9648.0000	37.66	6.72	-40.73	45.05	48.70	74.00	25.30	Pass	H	Peak
7	1188.6189	28.09	2.67	-42.88	60.50	48.38	74.00	25.62	Pass	V	Peak
8	3564.2376	33.45	4.41	-41.68	50.78	46.96	74.00	27.04	Pass	V	Peak
9	4824.0000	34.50	4.61	-40.65	46.06	44.52	74.00	29.48	Pass	V	Peak
10	5675.5784	35.28	5.00	-40.80	48.82	48.30	74.00	25.70	Pass	V	Peak
11	7236.0000	36.34	5.79	-40.99	45.37	46.51	74.00	27.49	Pass	V	Peak
12	9648.0000	37.66	6.72	-40.73	46.30	49.95	74.00	24.05	Pass	V	Peak

Mode:		802.11n(HT20)(6.5Mbps)			Channel:				2437		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity	Remark
1	1188.0188	28.09	2.67	-42.88	58.18	46.06	74.00	27.94	Pass	H	Peak
2	2772.1772	32.84	4.19	-42.25	54.37	49.15	74.00	24.85	Pass	H	Peak
3	4874.0000	34.50	4.78	-40.61	46.00	44.67	74.00	29.33	Pass	H	Peak
4	5622.9249	35.20	5.03	-40.75	48.22	47.70	74.00	26.30	Pass	H	Peak
5	7311.0000	36.41	5.85	-40.93	45.99	47.32	74.00	26.68	Pass	H	Peak
6	9748.0000	37.70	6.77	-40.63	44.66	48.50	74.00	25.50	Pass	H	Peak
7	1187.8188	28.09	2.67	-42.88	59.63	47.51	74.00	26.49	Pass	V	Peak
8	3168.3612	33.27	4.60	-42.02	50.69	46.54	74.00	27.46	Pass	V	Peak
9	4874.0000	34.50	4.78	-40.61	46.82	45.49	74.00	28.51	Pass	V	Peak
10	5987.5992	35.78	5.34	-41.08	47.96	48.00	74.00	26.00	Pass	V	Peak
11	7311.0000	36.41	5.85	-40.93	46.18	47.51	74.00	26.49	Pass	V	Peak
12	9748.0000	37.70	6.77	-40.63	44.11	47.95	74.00	26.05	Pass	V	Peak

Mode:		802.11n(HT20)(6.5Mbps)			Channel:				2462		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dB $\mu$ V]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Magin [dB]	Result	Polarity	Remark
1	1187.8188	28.09	2.67	-42.88	57.29	45.17	74.00	28.83	Pass	H	Peak
2	2772.1772	32.84	4.19	-42.25	54.18	48.96	74.00	25.04	Pass	H	Peak
3	4924.0000	34.50	4.85	-40.56	48.20	46.99	74.00	27.01	Pass	H	Peak
4	6234.6156	35.85	5.31	-41.14	48.06	48.08	74.00	25.92	Pass	H	Peak
5	7386.0000	36.49	5.85	-40.87	46.67	48.14	74.00	25.86	Pass	H	Peak
6	9848.0000	37.74	6.83	-40.54	44.24	48.27	74.00	25.73	Pass	H	Peak
7	1187.8188	28.09	2.67	-42.88	59.53	47.41	74.00	26.59	Pass	V	Peak
8	3168.3612	33.27	4.60	-42.02	51.25	47.10	74.00	26.90	Pass	V	Peak
9	4924.0000	34.50	4.85	-40.56	46.01	44.80	74.00	29.20	Pass	V	Peak
10	5802.9869	35.48	4.99	-40.91	47.39	46.95	74.00	27.05	Pass	V	Peak
11	7386.0000	36.49	5.85	-40.87	45.20	46.67	74.00	27.33	Pass	V	Peak
12	9848.0000	37.74	6.83	-40.54	44.74	48.77	74.00	25.23	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; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20); and then Only the worst case is recorded in the report.

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

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

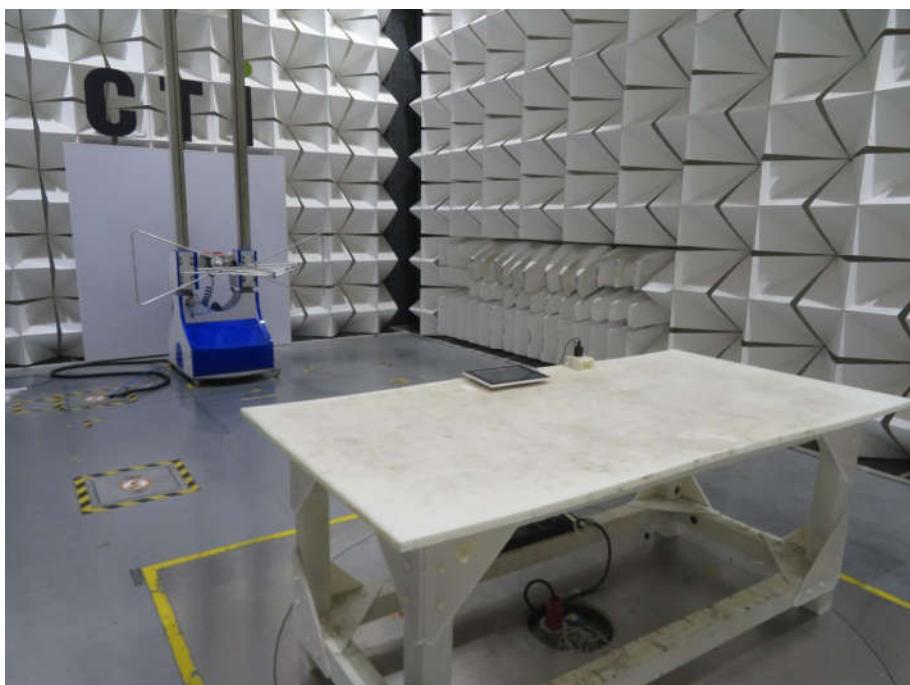
3) Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below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

## PHOTOGRAPHS OF TEST SETUP

Test Model No.: Skylight 2



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



**Radiated spurious emission Test Setup-2(Below 1GHz)**



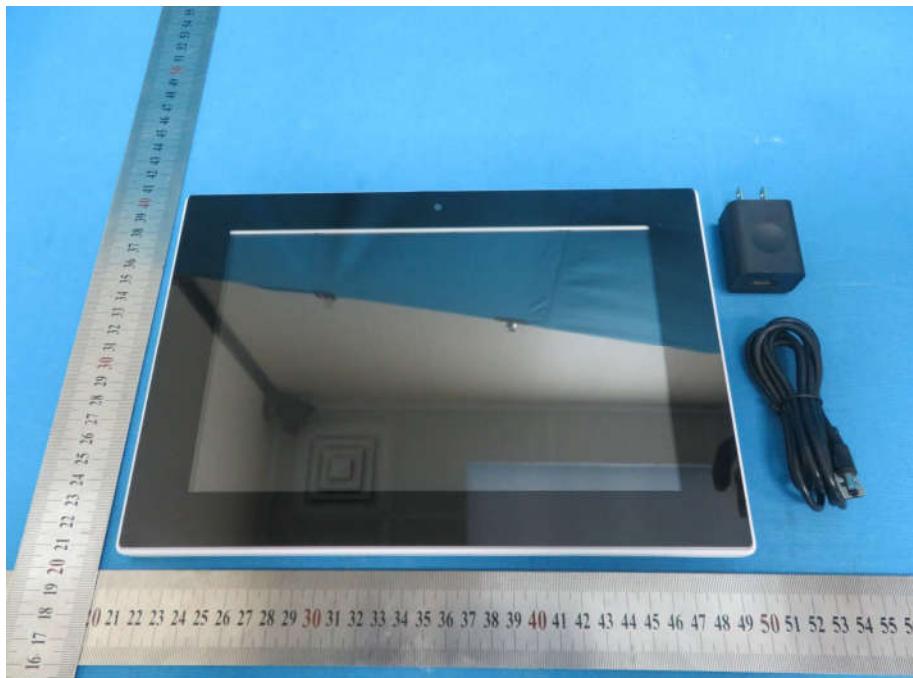
**Radiated spurious emission Test Setup-3(Above 1GHz)**



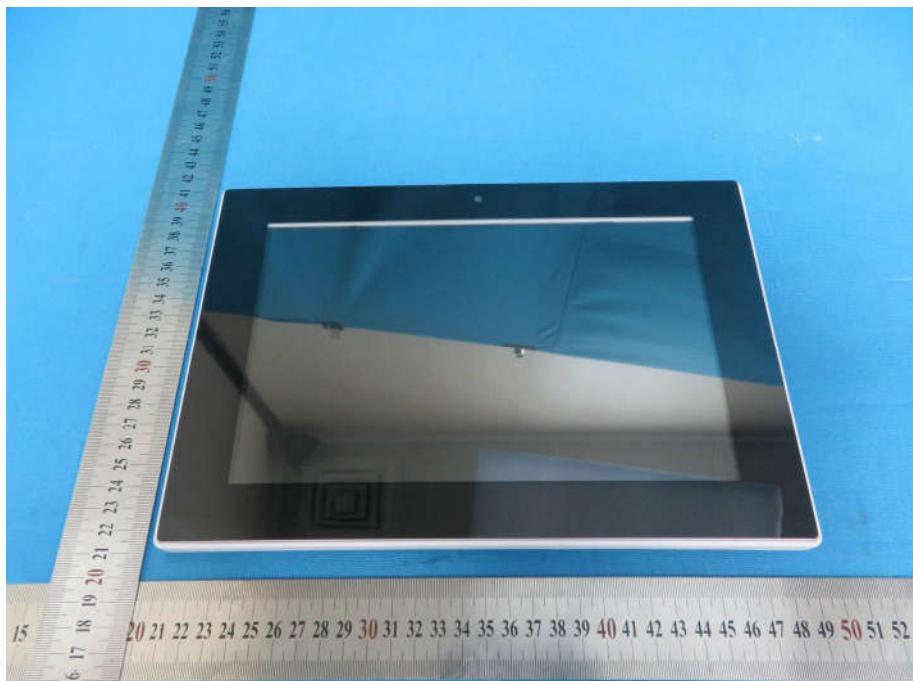
**Conducted Emissions Test Setup**

## PHOTOGRAPHS OF EUT Constructional Details

Test Model No.: Skylight 2



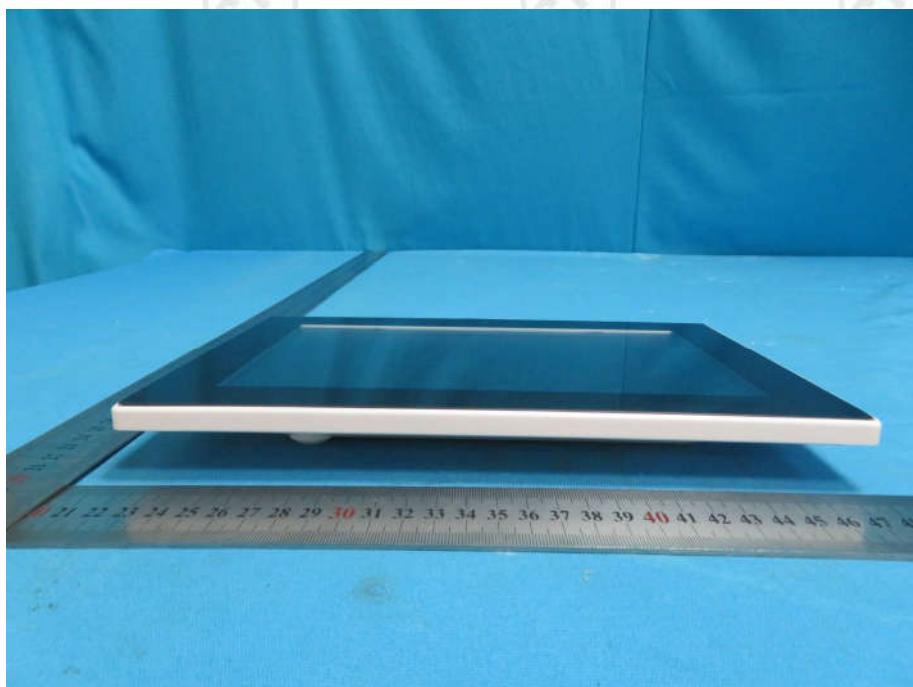
View of Product-1



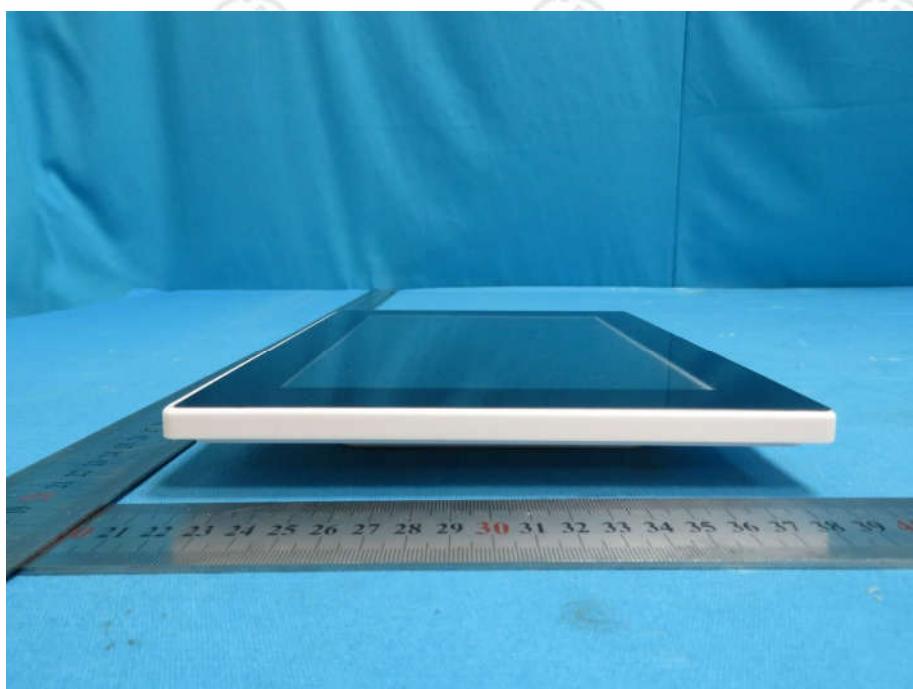
View of Product-2



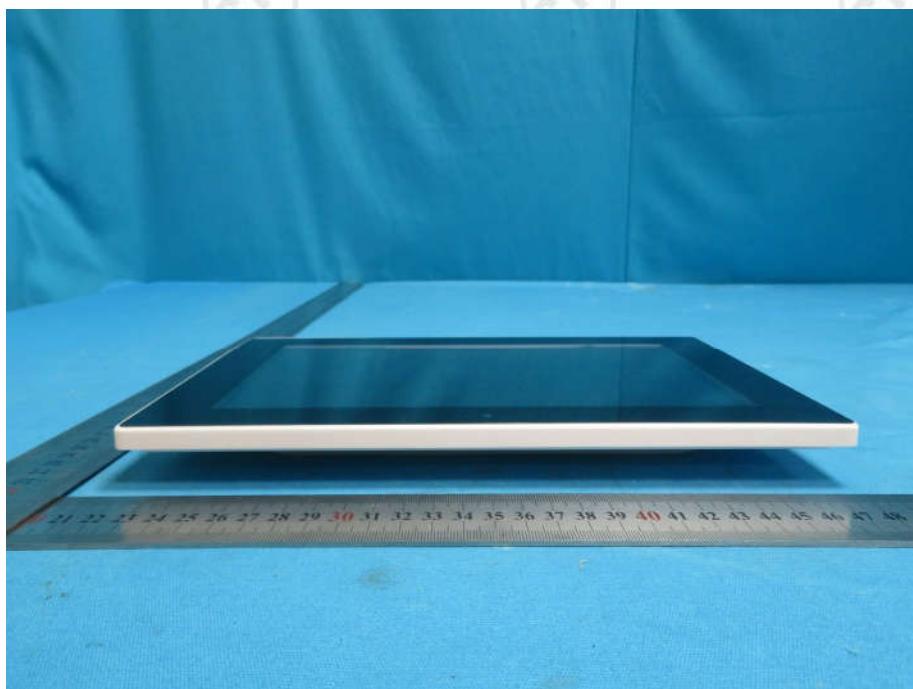
View of Product-3



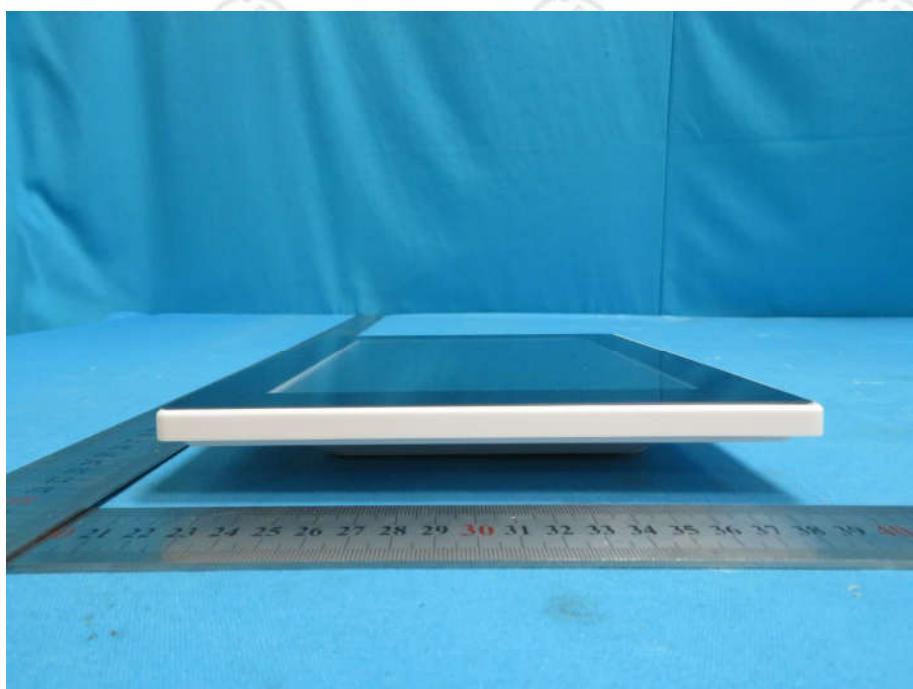
View of Product-4



View of Product-5



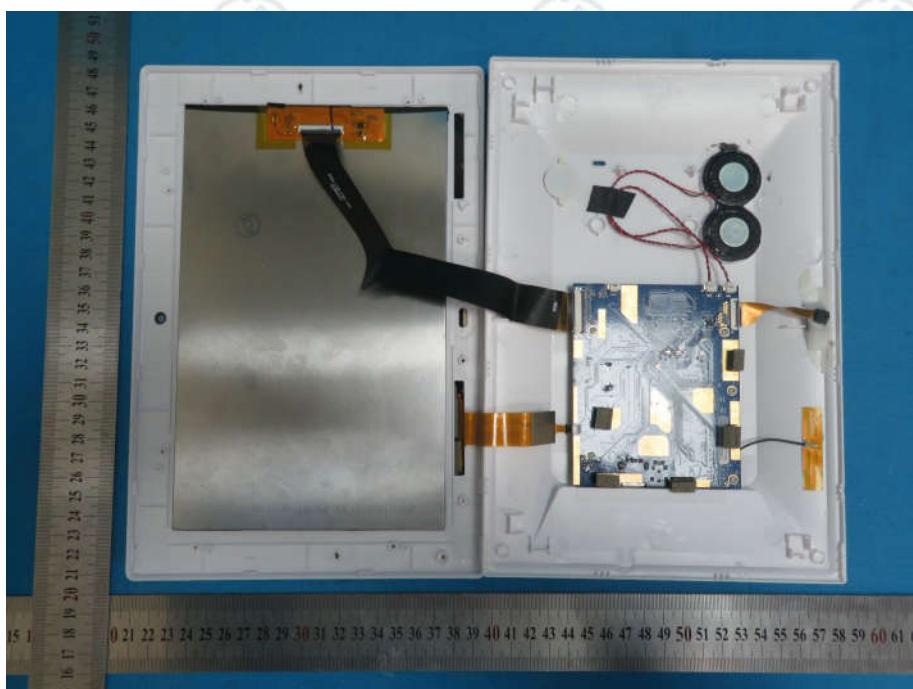
View of Product-6



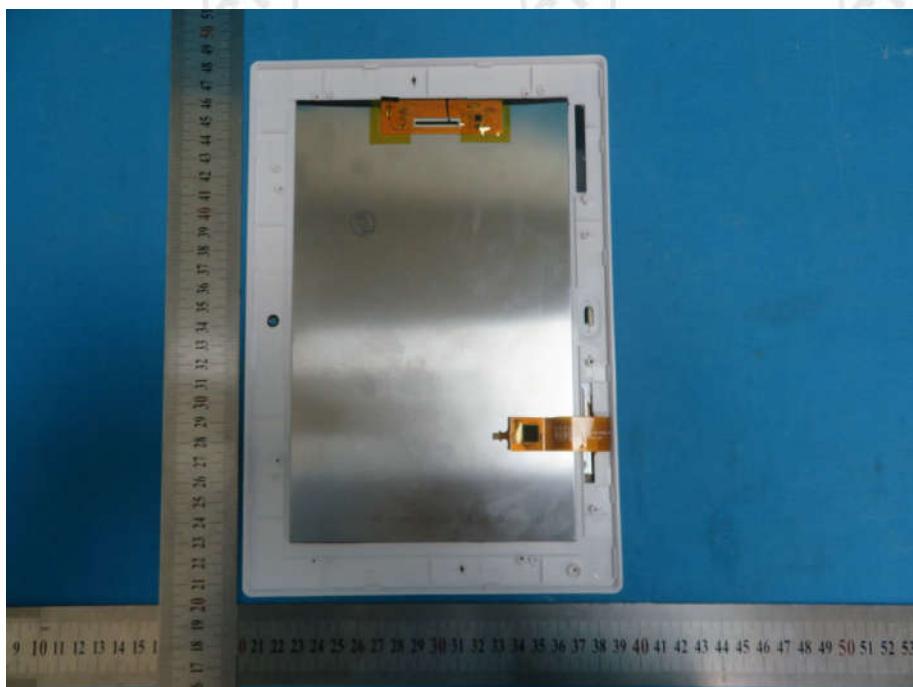
View of Product-7



View of Product-8



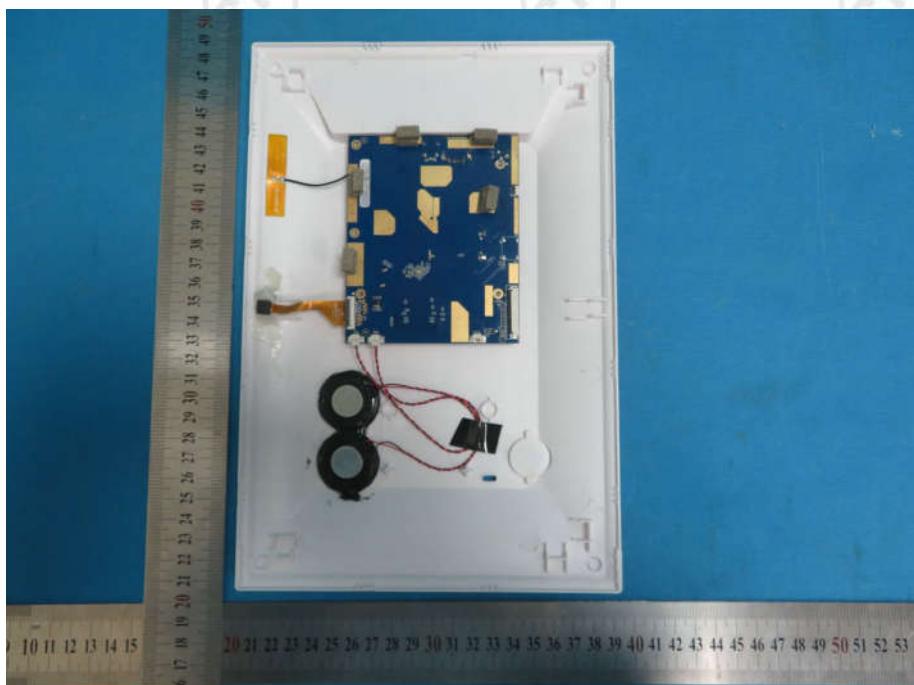
View of Product-9



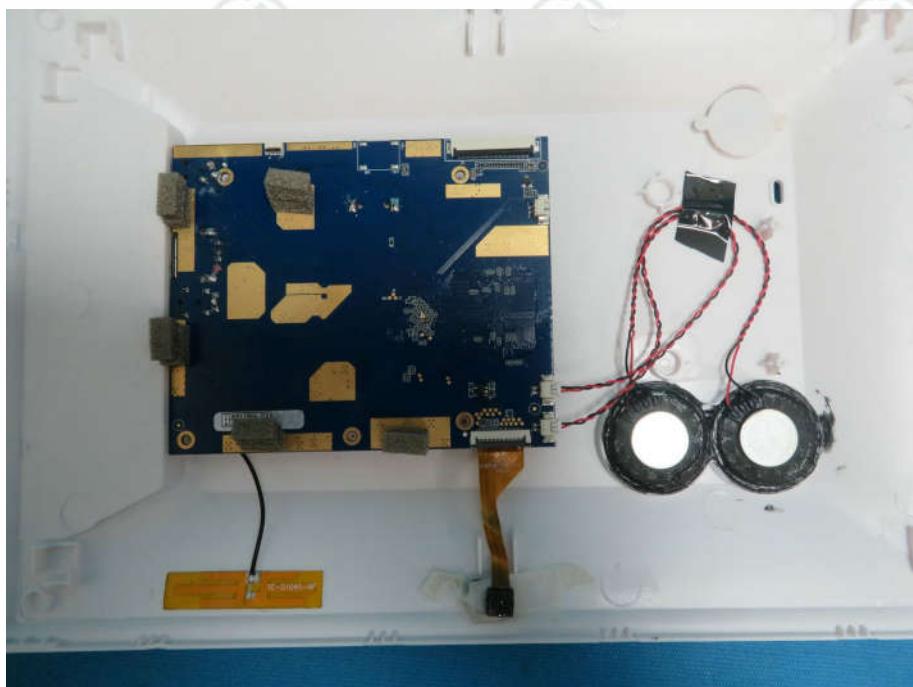
View of Product-10



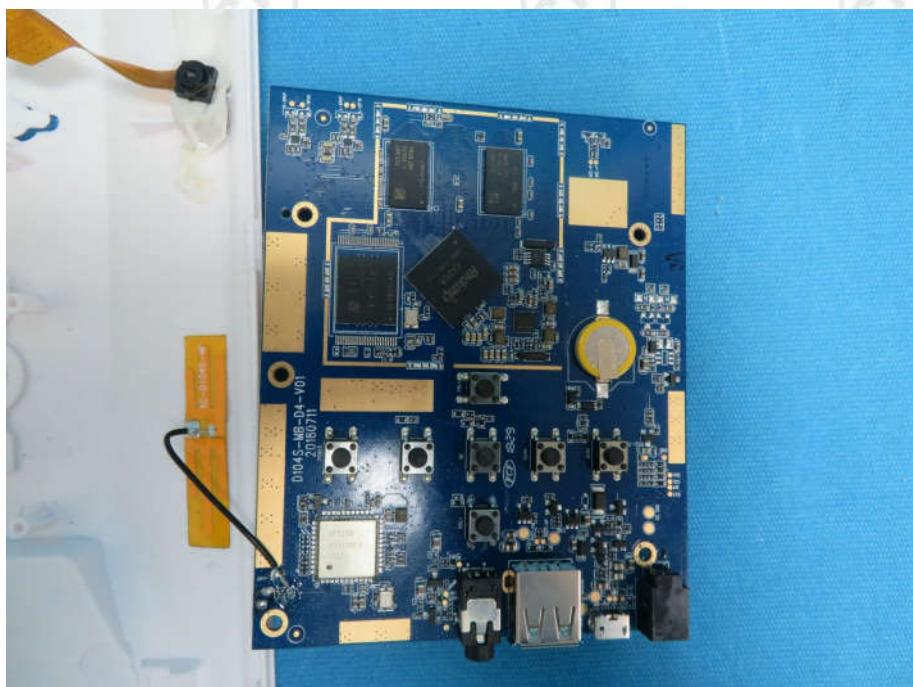
View of Product-11



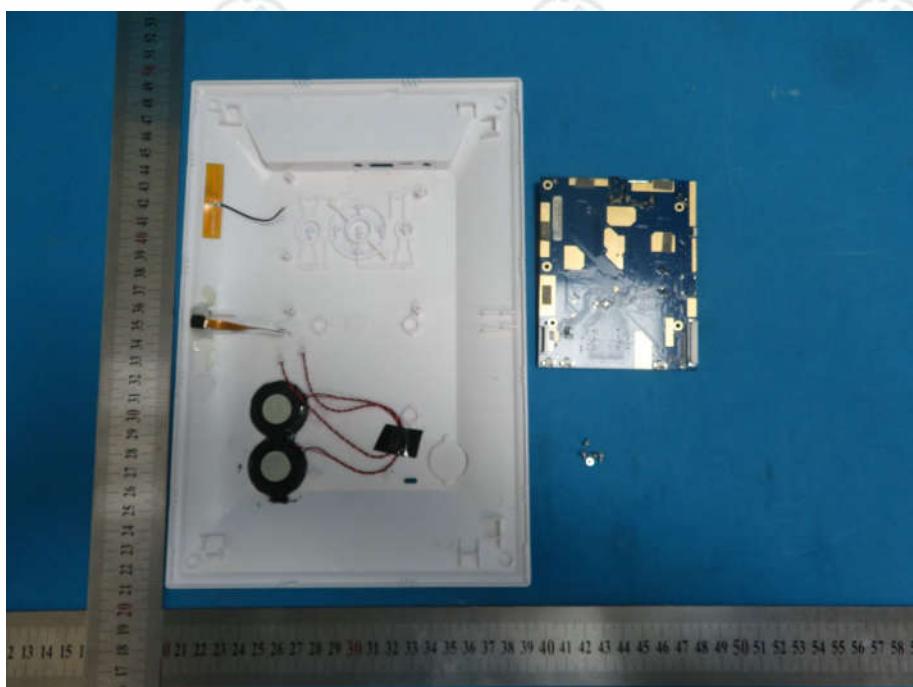
View of Product-12



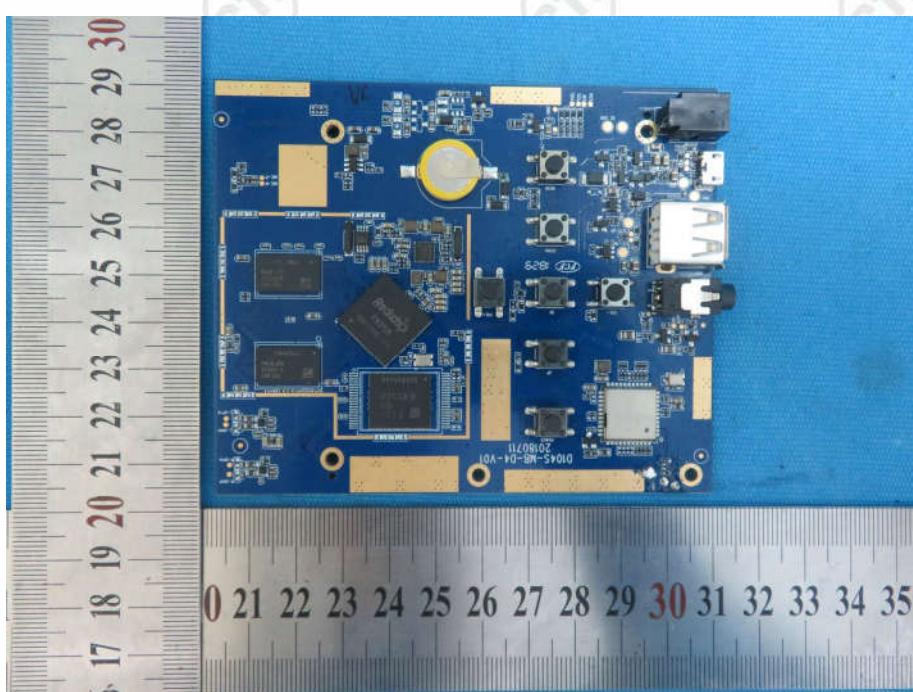
View of Product-13



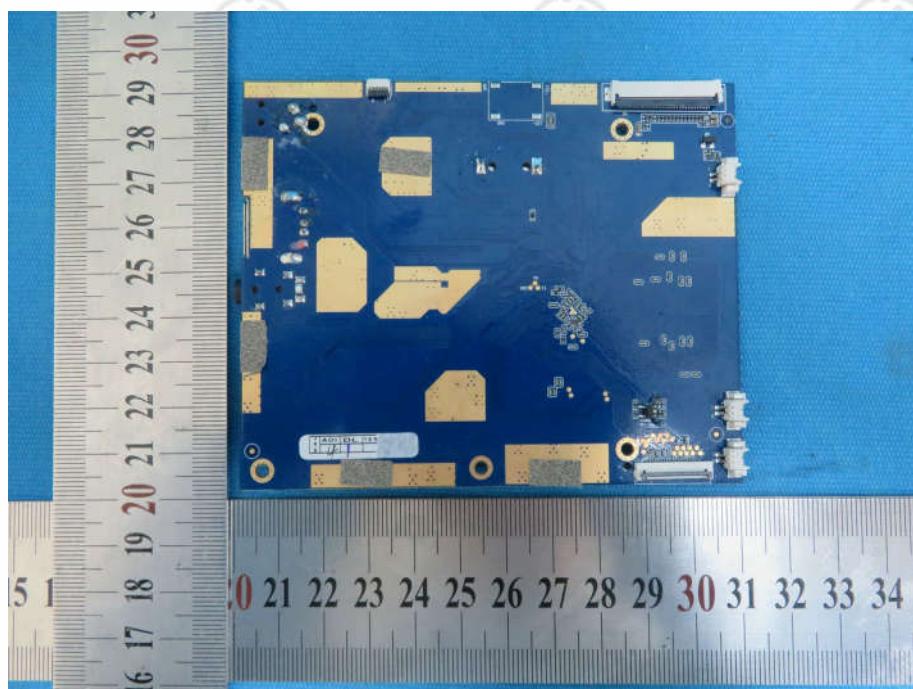
View of Product-14



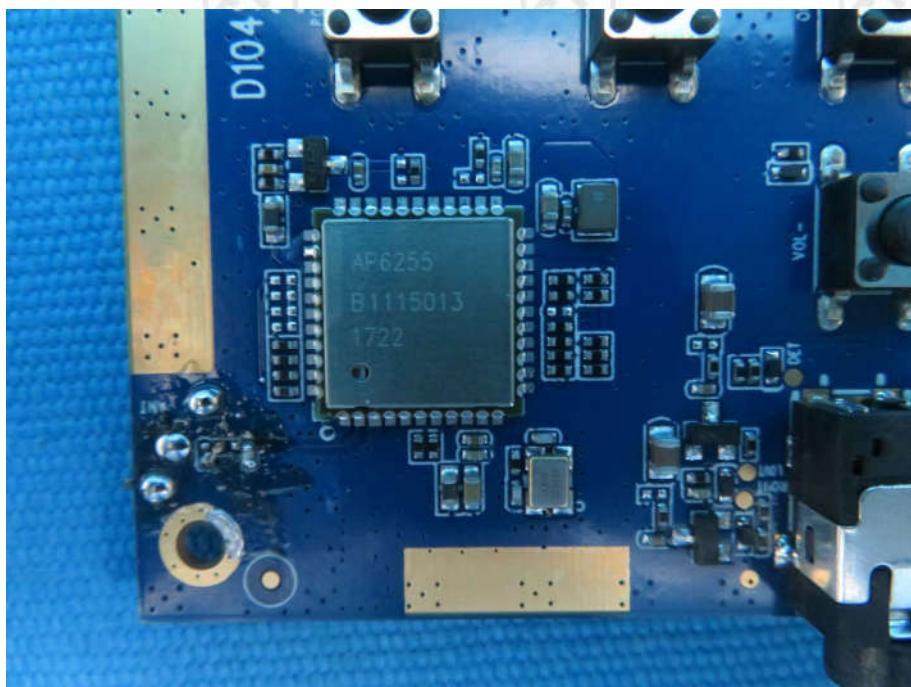
View of Product-15



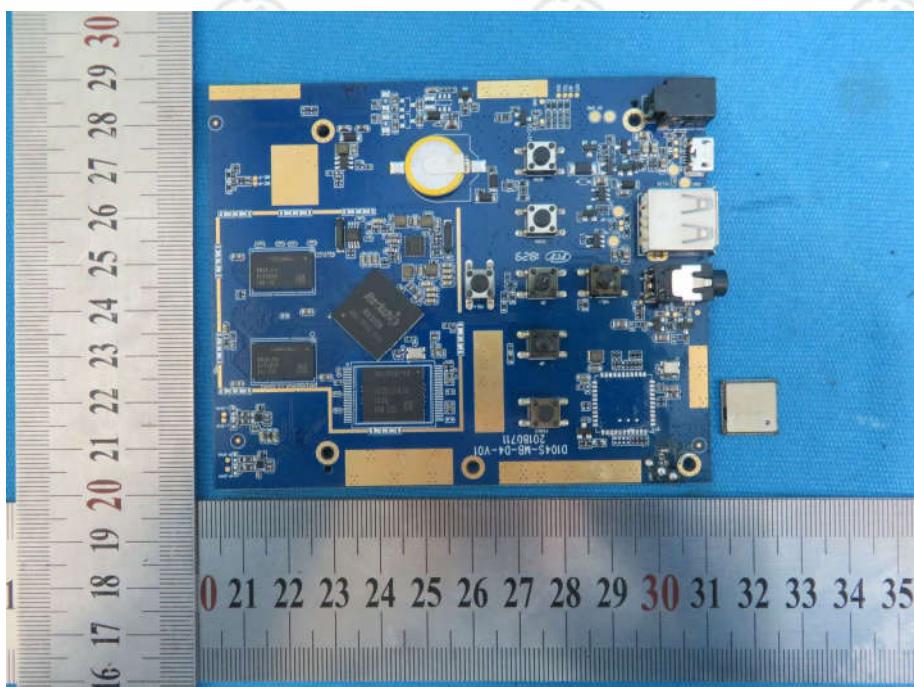
View of Product-16



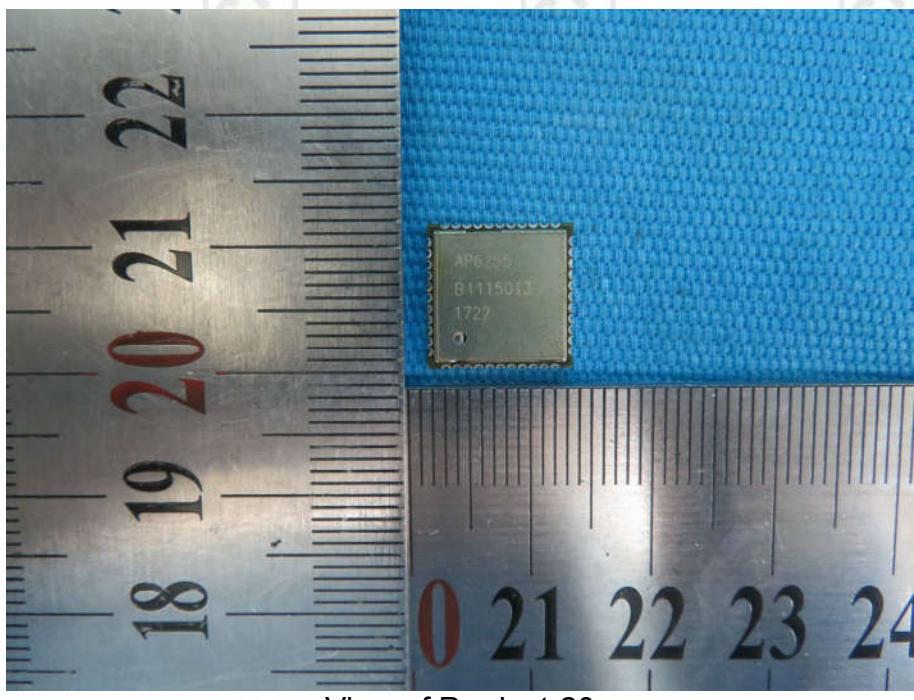
View of Product-17



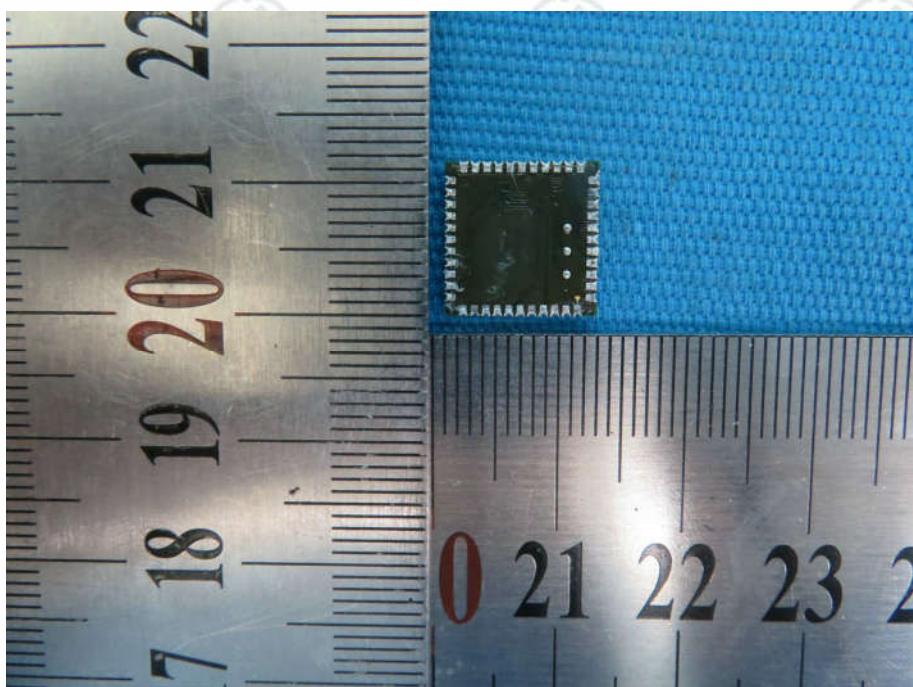
View of Product-18



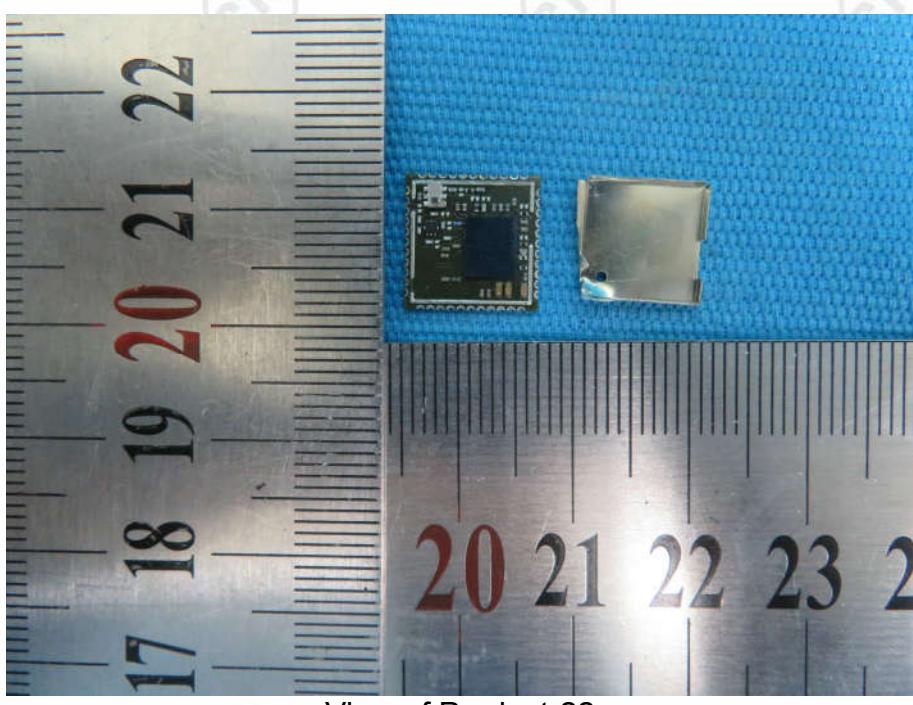
View of Product-19



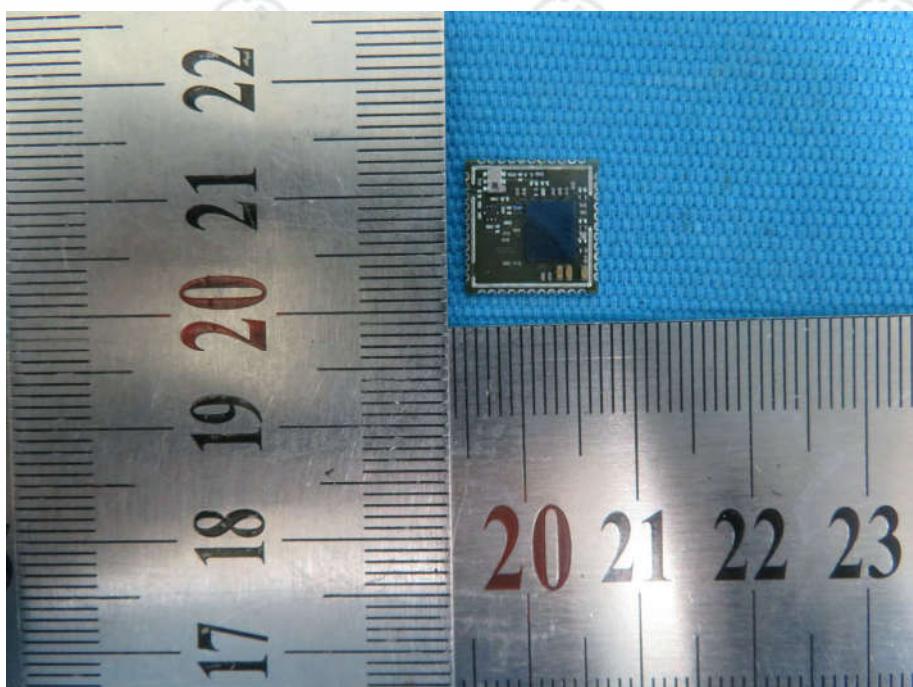
View of Product-20



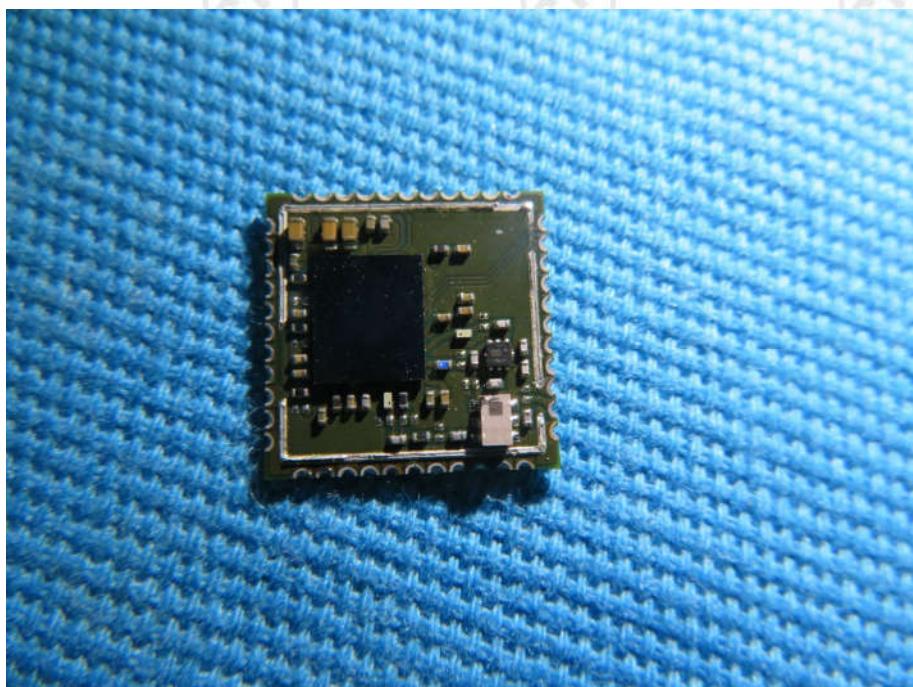
View of Product-21



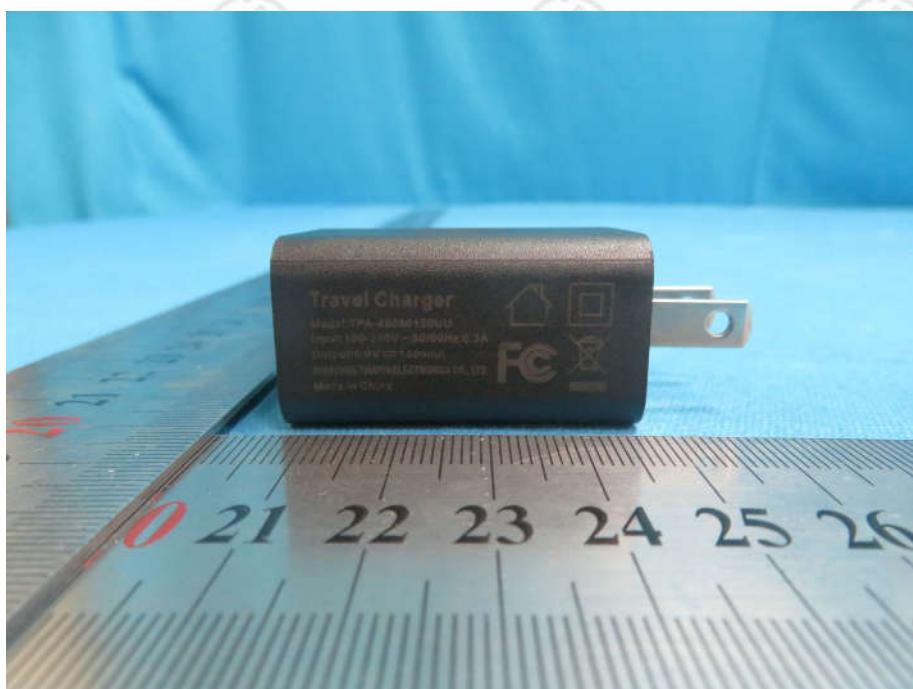
View of Product-22



View of Product-23



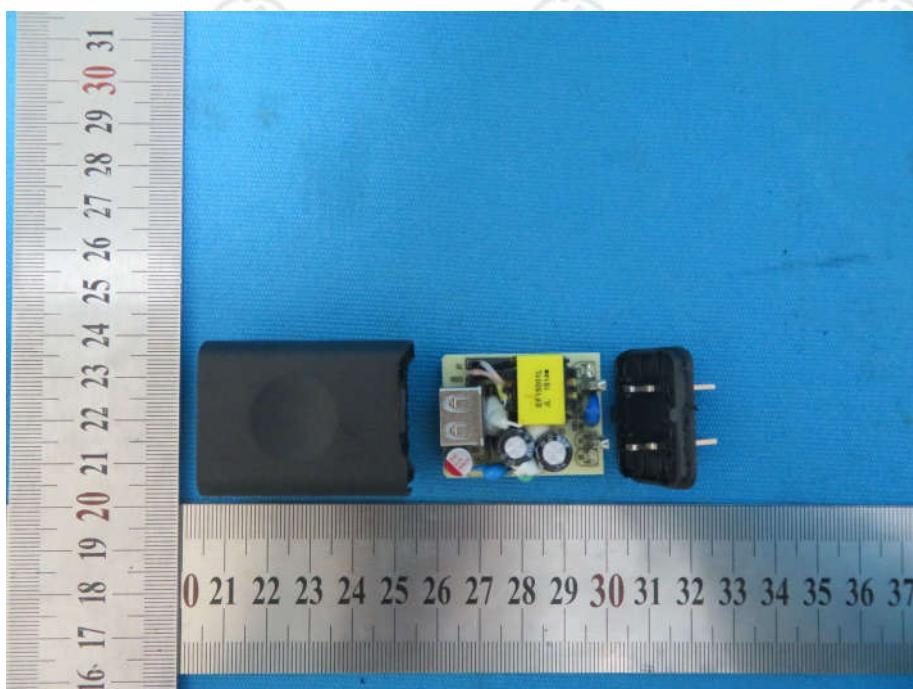
View of Product-24



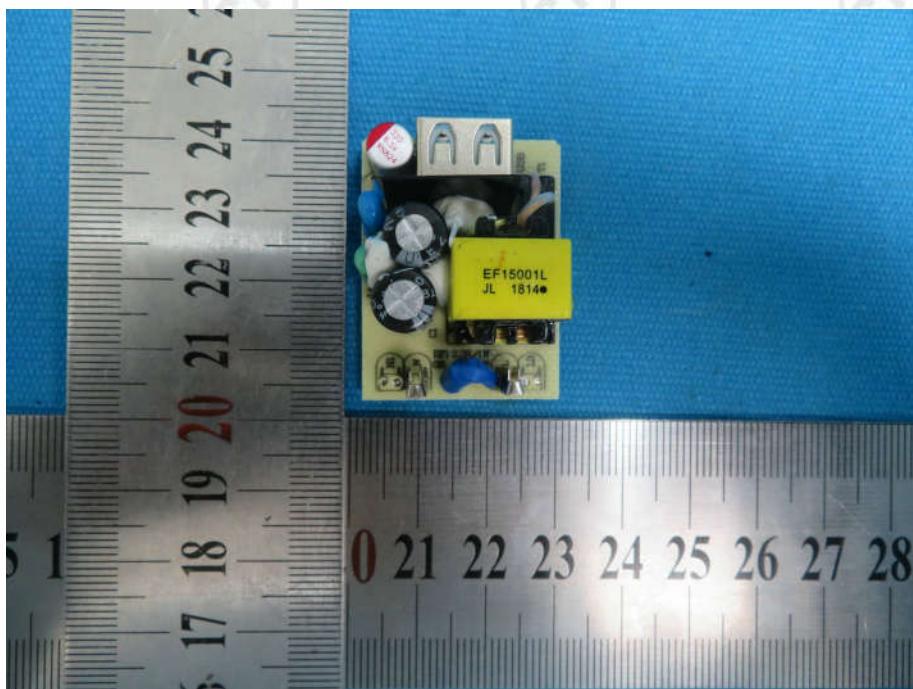
View of Product-25



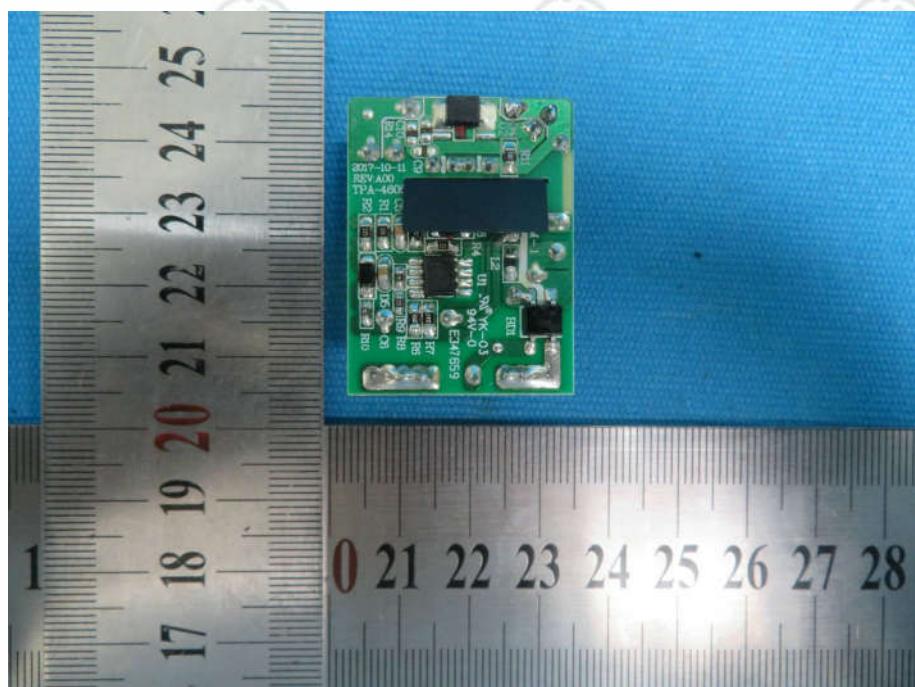
View of Product-26



View of Product-27



View of Product-28



View of Product-29

\*\*\* End of Report \*\*\*

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