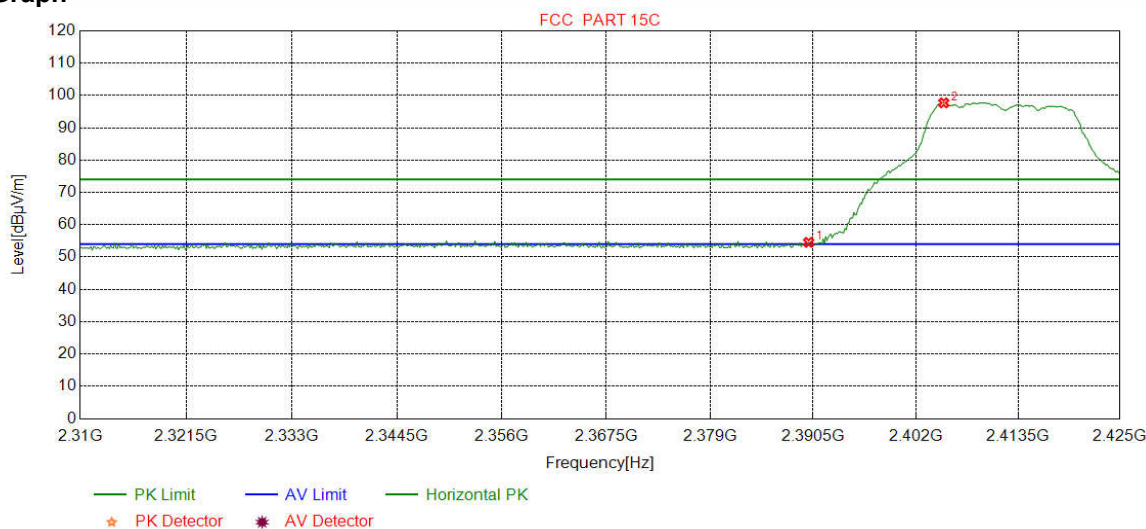


Mode:	802.11 g(6Mbps) Transmitting	Channel:	2412
Remark:	PK		

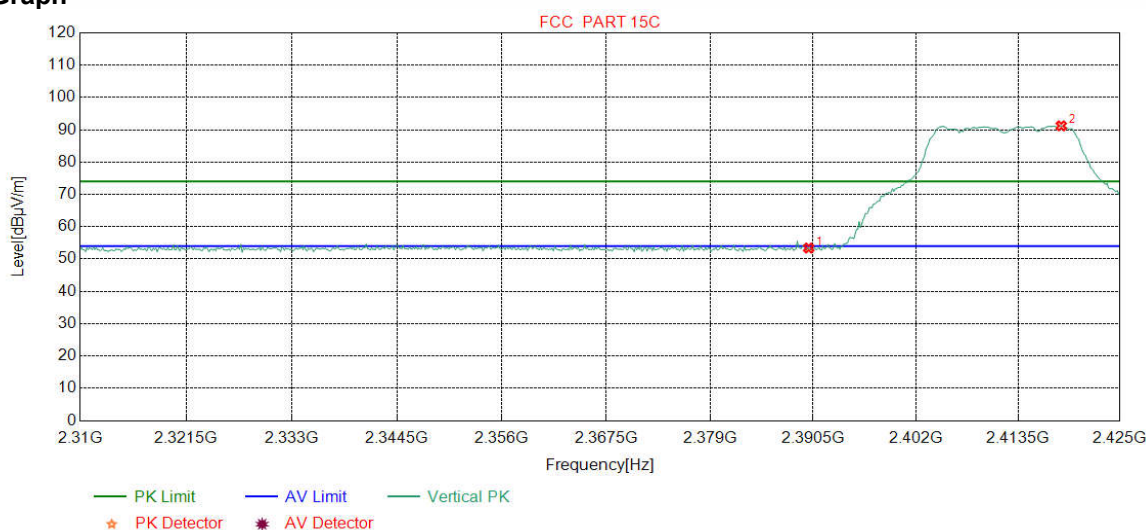
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	51.36	54.54	74.00	19.46	Pass	Horizontal
2	2405.1377	32.27	13.32	-42.43	94.55	97.71	74.00	-23.71	Pass	Horizontal

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

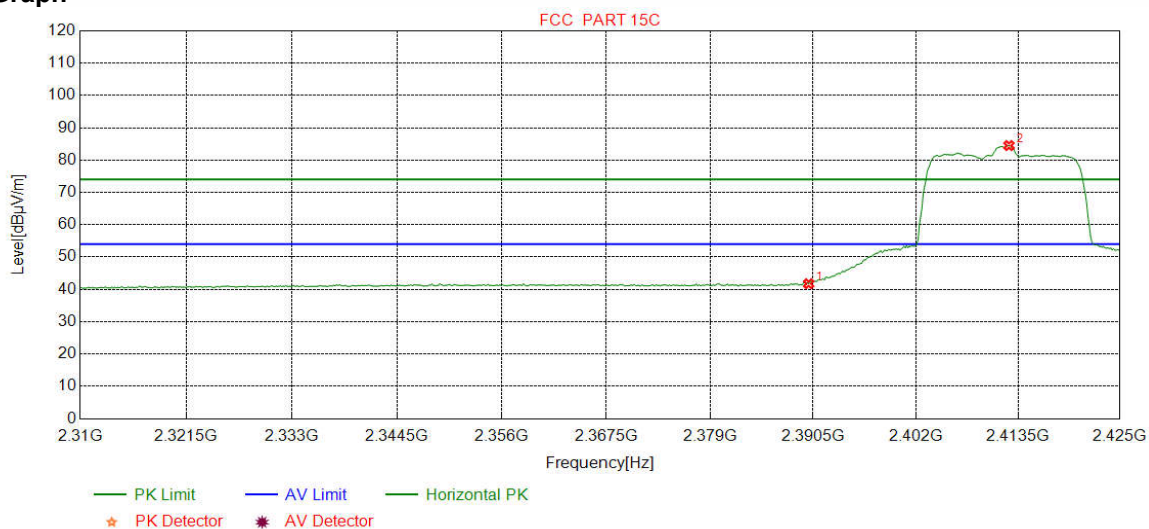
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	50.24	53.42	74.00	20.58	Pass	Vertical
2	2418.3792	32.29	13.38	-42.43	87.98	91.22	74.00	-17.22	Pass	Vertical

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

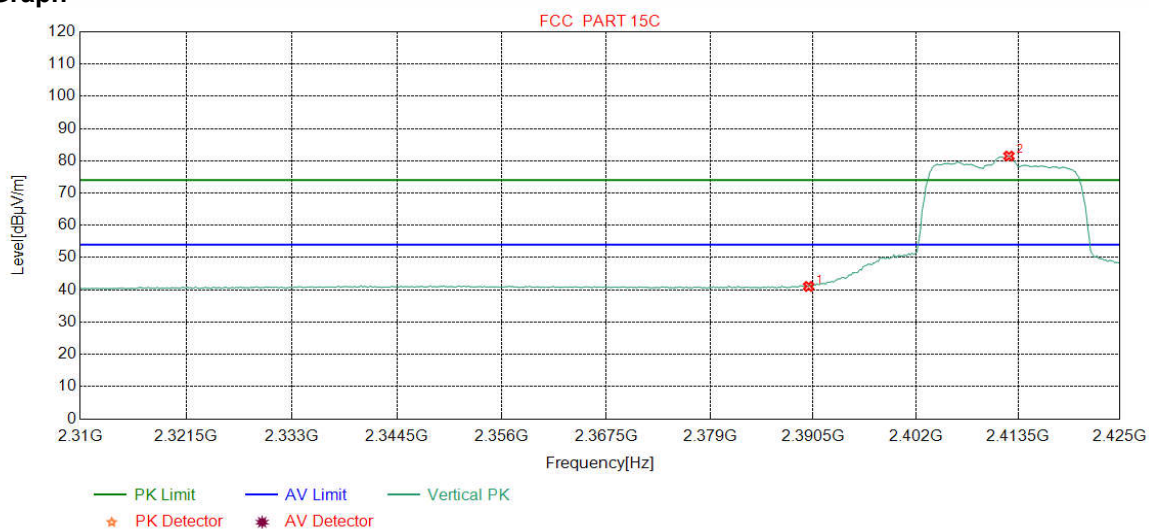
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	38.57	41.75	54.00	12.25	Pass	Horizontal
2	2412.4781	32.28	13.36	-42.43	81.29	84.50	54.00	-30.50	Pass	Horizontal

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

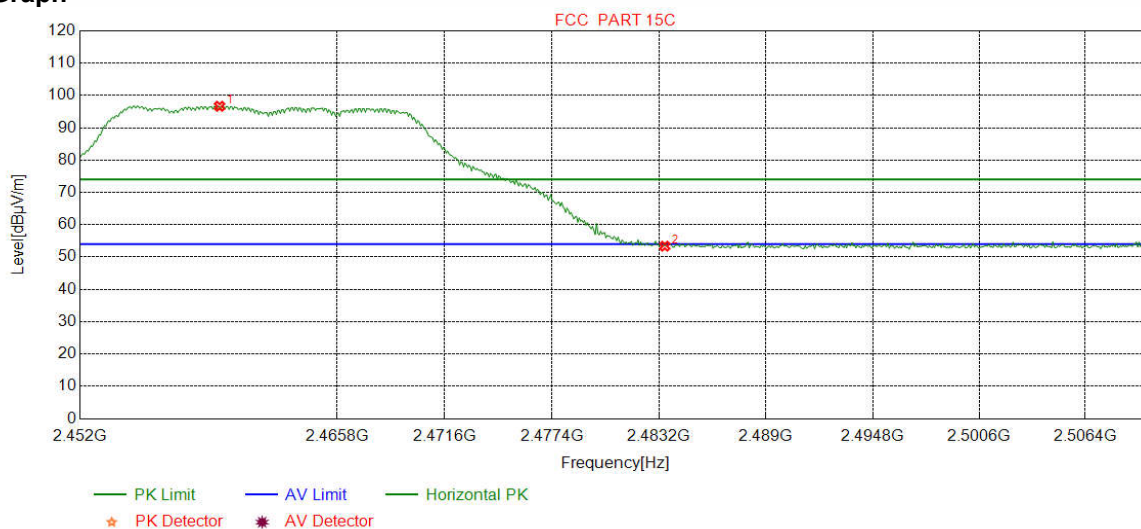
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	37.88	41.06	54.00	12.94	Pass	Vertical
2	2412.4781	32.28	13.36	-42.43	78.27	81.48	54.00	-27.48	Pass	Vertical

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

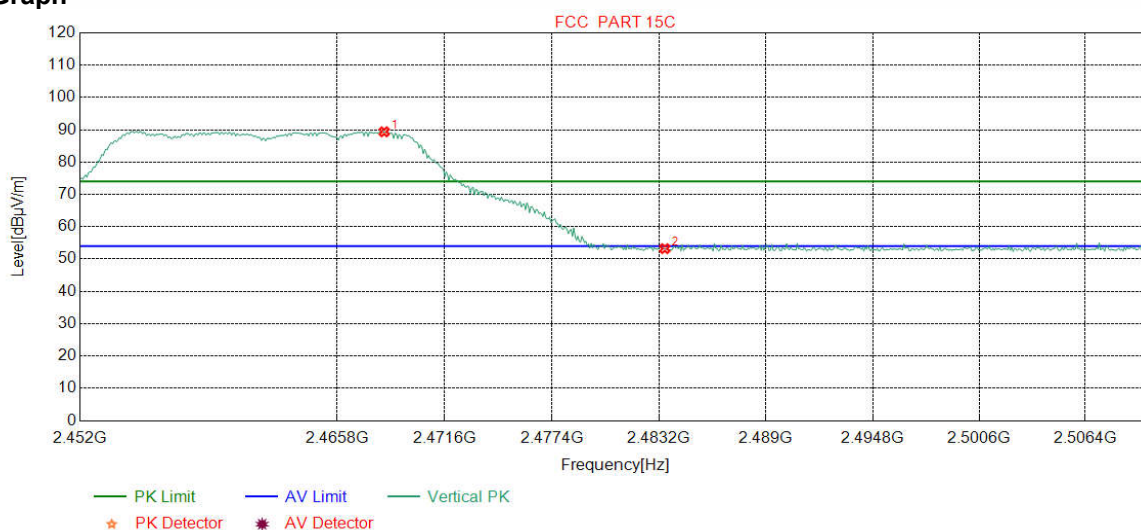
Test Graph



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	2459.4768	32.34	13.49	-42.41	93.23	96.65	74.00	-22.65	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	50.01	53.37	74.00	20.63	Pass	Horizontal

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

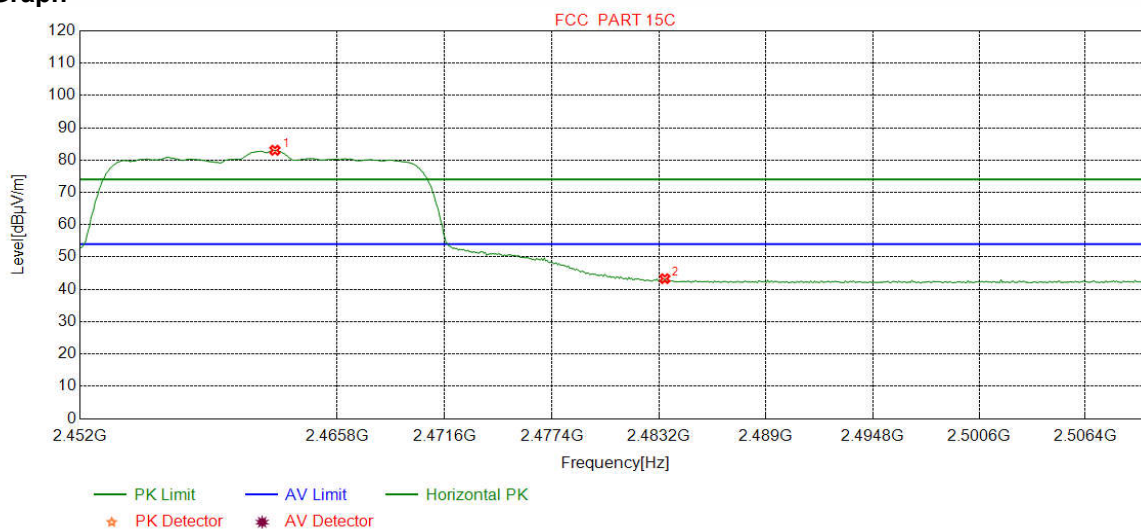
Test Graph



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	2468.3329	32.36	13.45	-42.41	85.98	89.38	74.00	-15.38	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	49.87	53.23	74.00	20.77	Pass	Vertical

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

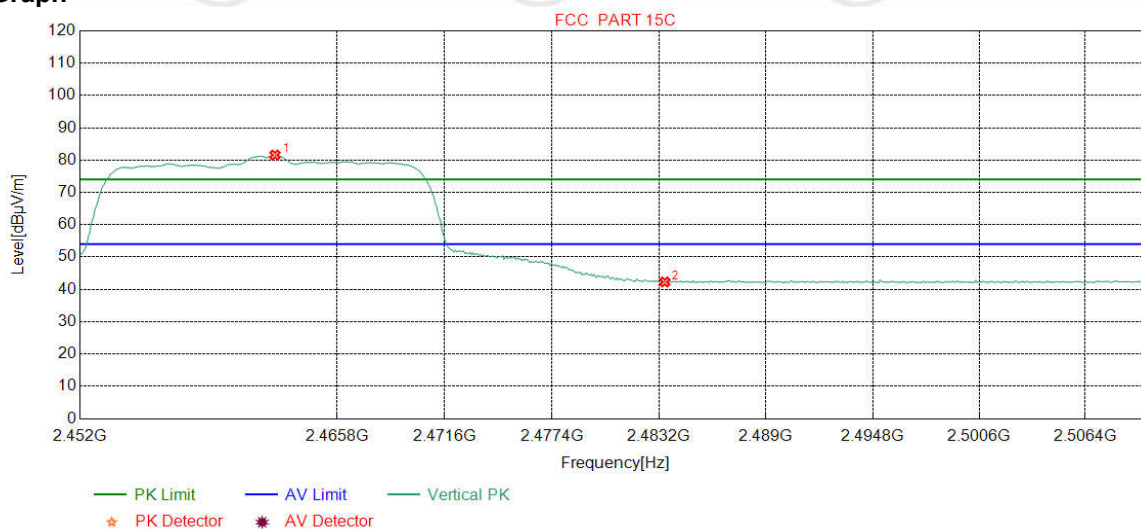
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2462.4531	32.35	13.47	-42.41	79.63	83.04	54.00	-29.04	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	39.95	43.31	54.00	10.69	Pass	Horizontal

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

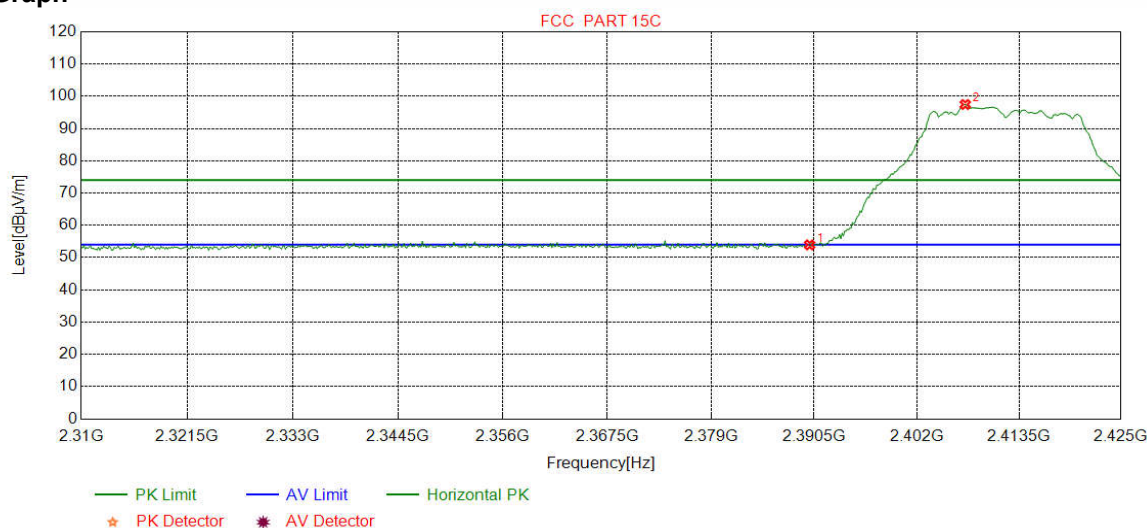
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	2462.4531	32.35	13.47	-42.41	78.16	81.57	54.00	-27.57	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	38.92	42.28	54.00	11.72	Pass	Vertical

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

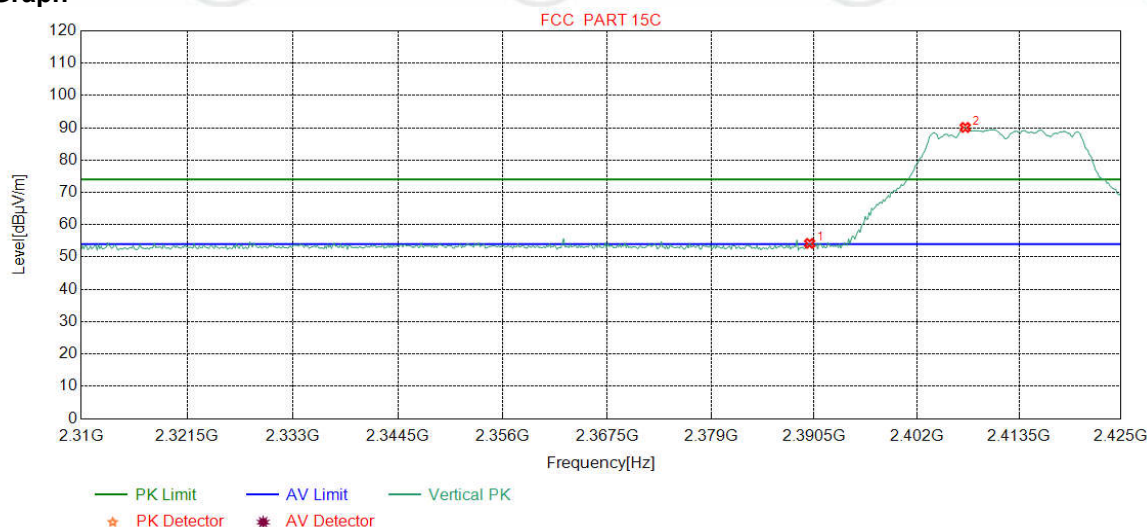
Test Graph



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	-42.44	50.76	53.94	74.00	20.06	Pass	Horizontal
2	2407.4406	32.27	13.33	-42.43	94.29	97.46	74.00	-23.46	Pass	Horizontal

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

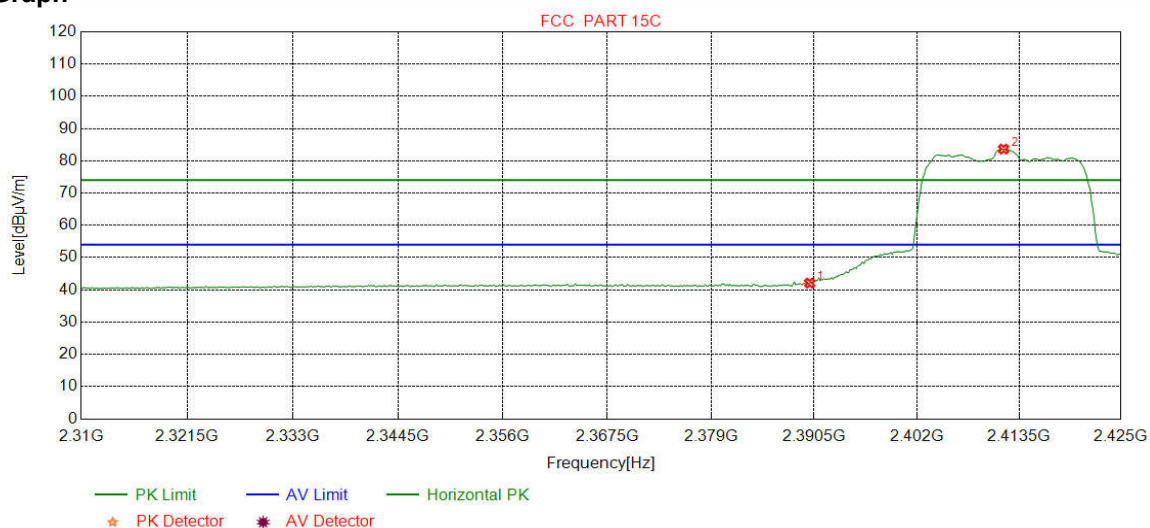
Test Graph



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	2390.0000	32.25	13.37	-42.44	51.03	54.21	74.00	19.79	Pass	Vertical
2	2407.4406	32.27	13.33	-42.43	86.94	90.11	74.00	-16.11	Pass	Vertical

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

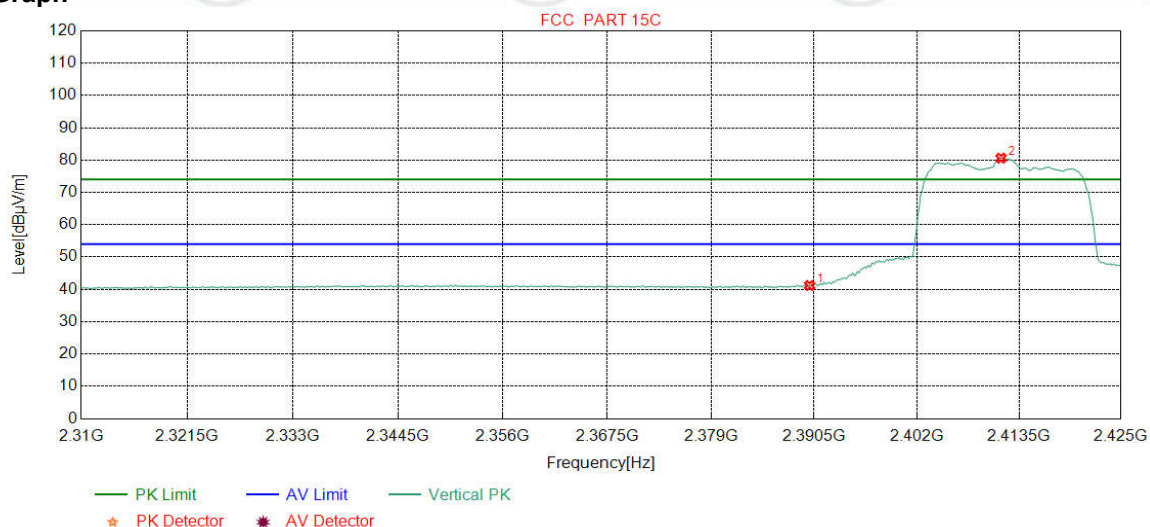
Test Graph



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	-42.44	38.91	42.09	54.00	11.91	Pass	Horizontal
2	2411.7584	32.28	13.35	-42.43	80.44	83.64	54.00	-29.64	Pass	Horizontal

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

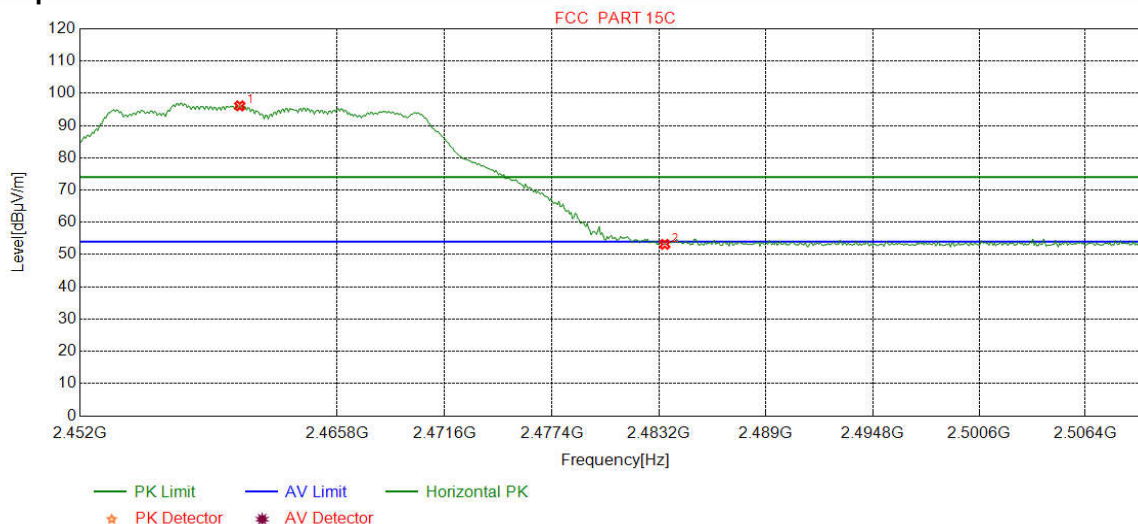
Test Graph



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	-42.44	38.02	41.20	54.00	12.80	Pass	Vertical
2	2411.4706	32.28	13.35	-42.43	77.40	80.60	54.00	-26.60	Pass	Vertical

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

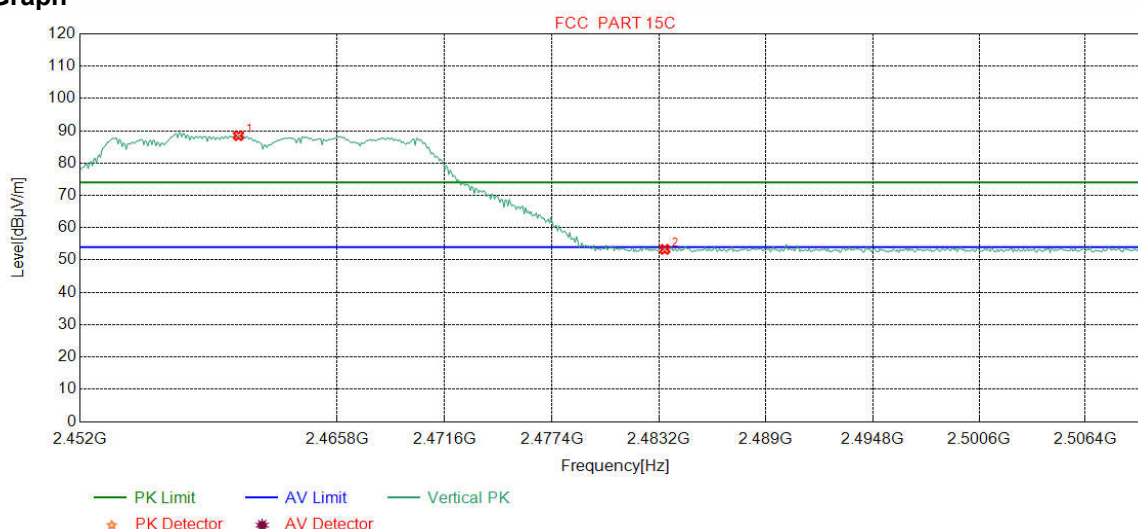
Test Graph



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	2460.5657	32.34	13.48	-42.40	92.68	96.10	74.00	-22.10	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	49.82	53.18	74.00	20.82	Pass	Horizontal

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

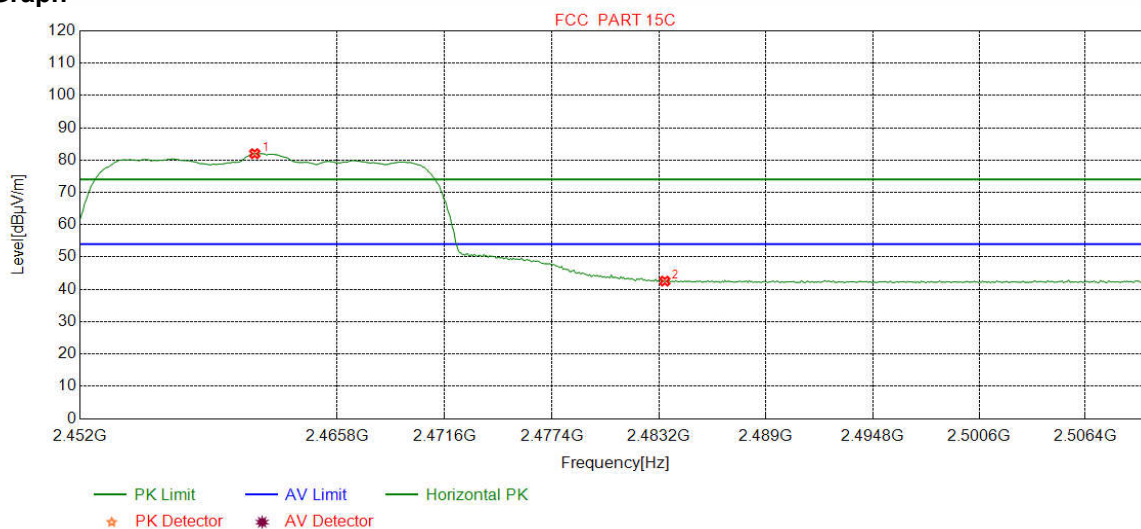
Test Graph



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	2460.4931	32.34	13.48	-42.40	85.08	88.50	74.00	-14.50	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	49.94	53.30	74.00	20.70	Pass	Vertical

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

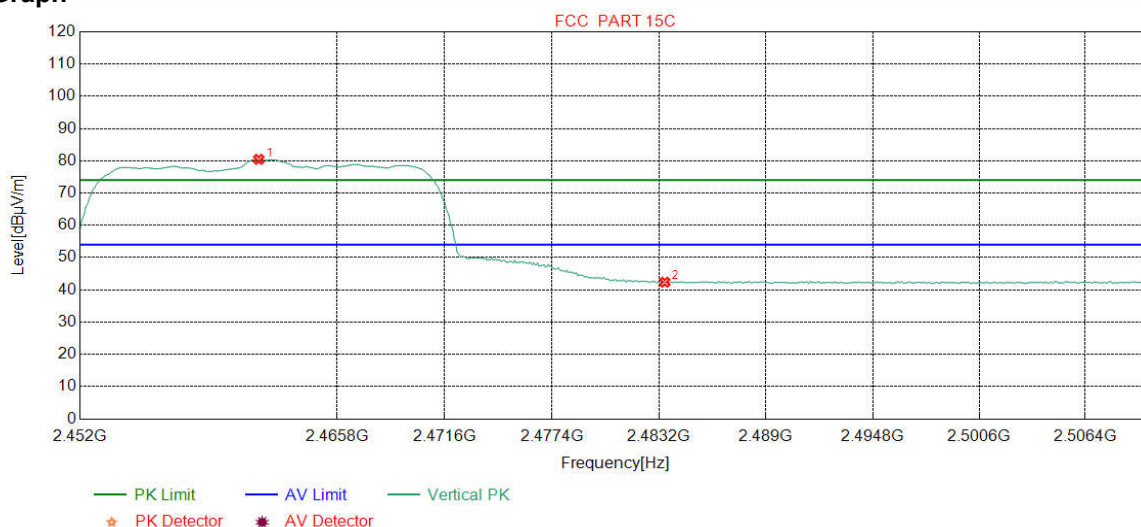
Test Graph



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	2461.3642	32.35	13.48	-42.41	78.57	81.99	54.00	-27.99	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	39.20	42.56	54.00	11.44	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	2461.5820	32.35	13.48	-42.41	77.04	80.46	54.00	-26.46	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	39.01	42.37	54.00	11.63	Pass	Vertical

Note:

1) Through Pre-scan 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

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.					
Test Ambient:	Temp.: 25°C	Humid.: 52%	Press.: 101kPa		

Radiated Spurious Emissions test Data:

Radiated Emission below 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
1	96.0636	10.37	1.13	-32.07	43.43	22.86	43.50	20.64	Pass	Horizontal
2	120.0250	9.20	1.30	-32.07	49.37	27.80	43.50	15.70	Pass	Horizontal
3	168.0448	8.34	1.52	-31.96	58.80	36.70	43.50	6.80	Pass	Horizontal
4	216.0646	11.32	1.75	-31.95	55.80	36.92	46.00	9.08	Pass	Horizontal
5	384.0854	15.05	2.33	-31.86	55.01	40.53	46.00	5.47	Pass	Horizontal
6	907.9378	22.15	3.60	-31.50	46.06	40.31	46.00	5.69	Pass	Horizontal

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
1	120.0250	9.20	1.30	-32.07	46.29	24.72	43.50	18.78	Pass	Vertical
2	168.0448	8.34	1.52	-31.96	51.52	29.42	43.50	14.08	Pass	Vertical
3	215.9676	11.32	1.75	-31.96	50.26	31.37	43.50	12.13	Pass	Vertical
4	384.0854	15.05	2.33	-31.86	48.75	34.27	46.00	11.73	Pass	Vertical
5	432.0082	15.91	2.46	-31.83	47.44	33.98	46.00	12.02	Pass	Vertical
6	906.3856	22.14	3.60	-31.52	48.05	42.27	46.00	3.73	Pass	Vertical

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
1	120.0250	9.20	1.30	-32.07	46.70	25.13	43.50	18.37	Pass	Horizontal
2	168.0448	8.34	1.52	-31.96	53.40	31.30	43.50	12.20	Pass	Horizontal
3	240.0260	11.94	1.84	-31.90	50.69	32.57	46.00	13.43	Pass	Horizontal
4	408.0468	15.53	2.41	-31.82	47.77	33.89	46.00	12.11	Pass	Horizontal
5	558.5089	18.17	2.82	-31.98	38.92	27.93	46.00	18.07	Pass	Horizontal
6	974.9715	22.55	3.75	-30.95	37.06	32.41	54.00	21.59	Pass	Horizontal

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
1	95.9666	10.35	1.13	-32.07	45.68	25.09	43.50	18.41	Pass	Vertical
2	143.9864	7.34	1.41	-31.99	55.48	32.24	43.50	11.26	Pass	Vertical
3	168.0448	8.34	1.52	-31.96	58.93	36.83	43.50	6.67	Pass	Vertical
4	360.0270	14.52	2.27	-31.84	55.84	40.79	46.00	5.21	Pass	Vertical
5	432.0082	15.91	2.46	-31.83	51.96	38.50	46.00	7.50	Pass	Vertical
6	974.9715	22.55	3.75	-30.95	37.58	32.93	54.00	21.07	Pass	Vertical

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
1	143.9864	7.34	1.41	-31.99	51.71	28.47	43.50	15.03	Pass	Horizontal
2	168.0448	8.34	1.52	-31.96	53.66	31.56	43.50	11.94	Pass	Horizontal
3	216.0646	11.32	1.75	-31.95	52.17	33.29	46.00	12.71	Pass	Horizontal
4	360.0270	14.52	2.27	-31.84	48.77	33.72	46.00	12.28	Pass	Horizontal
5	480.0280	16.68	2.61	-31.90	44.05	31.44	46.00	14.56	Pass	Horizontal
6	906.4826	22.14	3.60	-31.52	38.73	32.95	46.00	13.05	Pass	Horizontal

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
1	95.9666	10.35	1.13	-32.07	45.46	24.87	43.50	18.63	Pass	Vertical
2	143.9864	7.34	1.41	-31.99	55.57	32.33	43.50	11.17	Pass	Vertical
3	168.0448	8.34	1.52	-31.96	58.87	36.77	43.50	6.73	Pass	Vertical
4	192.0062	10.14	1.62	-31.96	57.11	36.91	43.50	6.59	Pass	Vertical
5	360.0270	14.52	2.27	-31.84	55.75	40.70	46.00	5.30	Pass	Vertical
6	480.0280	16.68	2.61	-31.90	49.45	36.84	46.00	9.16	Pass	Vertical

Remark : All modes are tested, only the worst data were reported.

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	1792.4792	30.33	3.31	-42.71	57.67	48.60	74.00	25.40	Pass	H	PK
2	2780.3780	32.85	4.20	-42.24	51.86	46.67	74.00	27.33	Pass	H	PK
3	3215.8144	33.29	4.59	-42.00	51.29	47.17	74.00	26.83	Pass	H	PK
4	4824.0000	34.50	4.61	-40.65	54.83	53.29	74.00	20.71	Pass	H	PK
5	4824	34.50	4.61	-40.65	49.52	47.98	54.00	6.02	Pass	H	AV
6	7236.0000	36.34	5.79	-40.99	43.27	44.41	74.00	29.59	Pass	H	PK
7	9648.0000	37.66	6.72	-40.73	41.99	45.64	74.00	28.36	Pass	H	PK
8	1198.4198	28.10	2.66	-42.89	54.16	42.03	74.00	31.97	Pass	V	PK
9	1398.2398	28.30	2.90	-42.69	55.90	44.41	74.00	29.59	Pass	V	PK
10	1595.8596	29.03	3.07	-42.89	59.03	48.24	74.00	25.76	Pass	V	PK
11	4824.0000	34.50	4.61	-40.65	50.45	48.91	74.00	25.09	Pass	V	PK
12	7236.0000	36.34	5.79	-40.99	43.17	44.31	74.00	29.69	Pass	V	PK
13	9648.0000	37.66	6.72	-40.73	41.08	44.73	74.00	29.27	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	1398.8399	28.30	2.90	-42.68	53.69	42.21	74.00	31.79	Pass	H	PK
2	1597.6598	29.04	3.07	-42.89	55.31	44.53	74.00	29.47	Pass	H	PK
3	1797.2797	30.36	3.32	-42.71	57.98	48.95	74.00	25.05	Pass	H	PK
4	4874.0000	34.50	4.78	-40.61	52.00	50.67	74.00	23.33	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	45.24	46.57	74.00	27.43	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	41.45	45.29	74.00	28.71	Pass	H	PK
7	1197.4197	28.10	2.66	-42.89	53.55	41.42	74.00	32.58	Pass	V	PK
8	1400.2400	28.30	2.90	-42.68	55.54	44.06	74.00	29.94	Pass	V	PK
9	1598.0598	29.05	3.07	-42.90	59.42	48.64	74.00	25.36	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	49.16	47.83	74.00	26.17	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	43.18	44.51	74.00	29.49	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	42.22	46.06	74.00	27.94	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	1397.6398	28.30	2.90	-42.69	53.19	41.70	74.00	32.30	Pass	H	PK
2	1594.2594	29.02	3.07	-42.89	53.70	42.90	74.00	31.10	Pass	H	PK
3	3282.7689	33.31	4.54	-41.95	52.67	48.57	74.00	25.43	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	47.47	46.26	74.00	27.74	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	43.07	44.54	74.00	29.46	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	41.43	45.46	74.00	28.54	Pass	H	PK
7	1197.8198	28.10	2.66	-42.89	53.79	41.66	74.00	32.34	Pass	V	PK
8	1396.8397	28.30	2.89	-42.68	56.11	44.62	74.00	29.38	Pass	V	PK
9	1594.4594	29.02	3.07	-42.89	59.39	48.59	74.00	25.41	Pass	V	PK
10	4923.4782	34.50	4.85	-40.56	47.73	46.52	74.00	27.48	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	43.47	44.94	74.00	29.06	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	41.45	45.48	74.00	28.52	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	1395.2395	28.30	2.89	-42.69	53.55	42.05	74.00	31.95	Pass	H	PK
2	1794.6795	30.34	3.31	-42.70	58.47	49.42	74.00	24.58	Pass	H	PK
3	1992.8993	31.65	3.46	-42.61	51.65	44.15	74.00	29.85	Pass	H	PK
4	4826.6218	34.50	4.61	-40.64	50.11	48.58	74.00	25.42	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	43.65	44.79	74.00	29.21	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	42.16	45.81	74.00	28.19	Pass	H	PK
7	1197.8198	28.10	2.66	-42.89	53.52	41.39	74.00	32.61	Pass	V	PK
8	1400.2400	28.30	2.90	-42.68	56.09	44.61	74.00	29.39	Pass	V	PK
9	1599.0599	29.05	3.07	-42.89	57.85	47.08	74.00	26.92	Pass	V	PK
10	4820.1213	34.50	4.60	-40.65	51.90	50.35	74.00	23.65	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	43.24	44.38	74.00	29.62	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	41.05	44.70	74.00	29.30	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	1596.4596	29.04	3.07	-42.90	53.64	42.85	74.00	31.15	Pass	H	PK
2	1815.2815	30.48	3.34	-42.70	52.62	43.74	74.00	30.26	Pass	H	PK
3	1991.4992	31.64	3.46	-42.61	52.01	44.50	74.00	29.50	Pass	H	PK
4	4879.2753	34.50	4.80	-40.60	50.12	48.82	74.00	25.18	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	43.83	45.16	74.00	28.84	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	42.14	45.98	74.00	28.02	Pass	H	PK
7	1196.2196	28.10	2.66	-42.89	53.96	41.83	74.00	32.17	Pass	V	PK
8	1397.2397	28.30	2.90	-42.69	57.08	45.59	74.00	28.41	Pass	V	PK
9	1597.6598	29.04	3.07	-42.89	59.77	48.99	74.00	25.01	Pass	V	PK
10	4869.5246	34.50	4.76	-40.61	48.73	47.38	74.00	26.62	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	43.55	44.88	74.00	29.12	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	41.81	45.65	74.00	28.35	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	1397.6398	28.30	2.90	-42.69	52.58	41.09	74.00	32.91	Pass	H	PK
2	1594.8595	29.03	3.07	-42.90	54.51	43.71	74.00	30.29	Pass	H	PK
3	1791.2791	30.32	3.30	-42.70	58.54	49.46	74.00	24.54	Pass	H	PK
4	4922.8282	34.50	4.85	-40.56	52.35	51.14	74.00	22.86	Pass	H	PK
5	4922.8282	34.50	4.85	-40.56	51.514	50.30	54.00	3.70	Pass	H	AV
6	7386.0000	36.49	5.85	-40.87	42.98	44.45	74.00	29.55	Pass	H	PK
7	9848.0000	37.74	6.83	-40.54	41.90	45.93	74.00	28.07	Pass	H	PK
8	1198.6199	28.10	2.66	-42.89	53.21	41.08	74.00	32.92	Pass	V	PK
9	1397.2397	28.30	2.90	-42.69	57.44	45.95	74.00	28.05	Pass	V	PK
10	1598.4598	29.05	3.07	-42.90	60.49	49.71	74.00	24.29	Pass	V	PK
11	4929.9787	34.50	4.84	-40.55	49.67	48.46	74.00	25.54	Pass	V	PK
12	7386.0000	36.49	5.85	-40.87	42.75	44.22	74.00	29.78	Pass	V	PK
13	9848.0000	37.74	6.83	-40.54	41.35	45.38	74.00	28.62	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	1800.2800	30.38	3.32	-42.71	56.18	47.17	74.00	26.83	Pass	H	PK
2	2000.1000	31.70	3.47	-42.61	57.29	49.85	74.00	24.15	Pass	H	PK
3	3215.8144	33.29	4.59	-42.00	52.08	47.96	74.00	26.04	Pass	H	PK
4	4828.5719	34.50	4.62	-40.64	50.11	48.59	74.00	25.41	Pass	H	PK
5	7236.0000	36.34	5.79	-40.99	42.92	44.06	74.00	29.94	Pass	H	PK
6	9648.0000	37.66	6.72	-40.73	42.48	46.13	74.00	27.87	Pass	H	PK
7	1398.8399	28.30	2.90	-42.68	56.20	44.72	74.00	29.28	Pass	V	PK
8	1594.8595	29.03	3.07	-42.90	59.59	48.79	74.00	25.21	Pass	V	PK
9	1795.8796	30.35	3.31	-42.70	56.37	47.33	74.00	26.67	Pass	V	PK
10	4822.7215	34.50	4.60	-40.64	50.40	48.86	74.00	25.14	Pass	V	PK
11	7236.0000	36.34	5.79	-40.99	43.45	44.59	74.00	29.41	Pass	V	PK
12	9648.0000	37.66	6.72	-40.73	40.67	44.32	74.00	29.68	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	1399.8400	28.30	2.90	-42.68	54.65	43.17	74.00	30.83	Pass	H	PK
2	1598.6599	29.05	3.07	-42.90	54.54	43.76	74.00	30.24	Pass	H	PK
3	1791.6792	30.33	3.31	-42.72	56.65	47.57	74.00	26.43	Pass	H	PK
4	4871.4748	34.50	4.77	-40.61	51.82	50.48	74.00	23.52	Pass	H	PK
5	7311.0000	36.41	5.85	-40.93	45.00	46.33	74.00	27.67	Pass	H	PK
6	9748.0000	37.70	6.77	-40.63	41.99	45.83	74.00	28.17	Pass	H	PK
7	1199.6200	28.10	2.66	-42.89	54.32	42.19	74.00	31.81	Pass	V	PK
8	1398.2398	28.30	2.90	-42.69	56.46	44.97	74.00	29.03	Pass	V	PK
9	1597.8598	29.05	3.07	-42.90	59.35	48.57	74.00	25.43	Pass	V	PK
10	4874.0000	34.50	4.78	-40.61	46.49	45.16	74.00	28.84	Pass	V	PK
11	7311.0000	36.41	5.85	-40.93	42.56	43.89	74.00	30.11	Pass	V	PK
12	9748.0000	37.70	6.77	-40.63	41.75	45.59	74.00	28.41	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	1594.6595	29.02	3.07	-42.89	54.16	43.36	74.00	30.64	Pass	H	PK
2	1794.4794	30.34	3.31	-42.70	57.33	48.28	74.00	25.72	Pass	H	PK
3	3282.7689	33.31	4.54	-41.95	52.48	48.38	74.00	25.62	Pass	H	PK
4	4924.0000	34.50	4.85	-40.56	47.41	46.20	74.00	27.80	Pass	H	PK
5	7386.0000	36.49	5.85	-40.87	43.53	45.00	74.00	29.00	Pass	H	PK
6	9848.0000	37.74	6.83	-40.54	41.19	45.22	74.00	28.78	Pass	H	PK
7	1398.2398	28.30	2.90	-42.69	56.68	45.19	74.00	28.81	Pass	V	PK
8	1593.0593	29.01	3.06	-42.88	59.37	48.56	74.00	25.44	Pass	V	PK
9	3192.4128	33.28	4.64	-42.01	52.17	48.08	74.00	25.92	Pass	V	PK
10	4924.0000	34.50	4.85	-40.56	45.10	43.89	74.00	30.11	Pass	V	PK
11	7386.0000	36.49	5.85	-40.87	42.99	44.46	74.00	29.54	Pass	V	PK
12	9848.0000	37.74	6.83	-40.54	41.50	45.53	74.00	28.47	Pass	V	PK

Note:

1) Through Pre-scan 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) ; 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 10GHz 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.: WT-01E



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



Radiated spurious emission Test Setup-2(Above 1GHz)



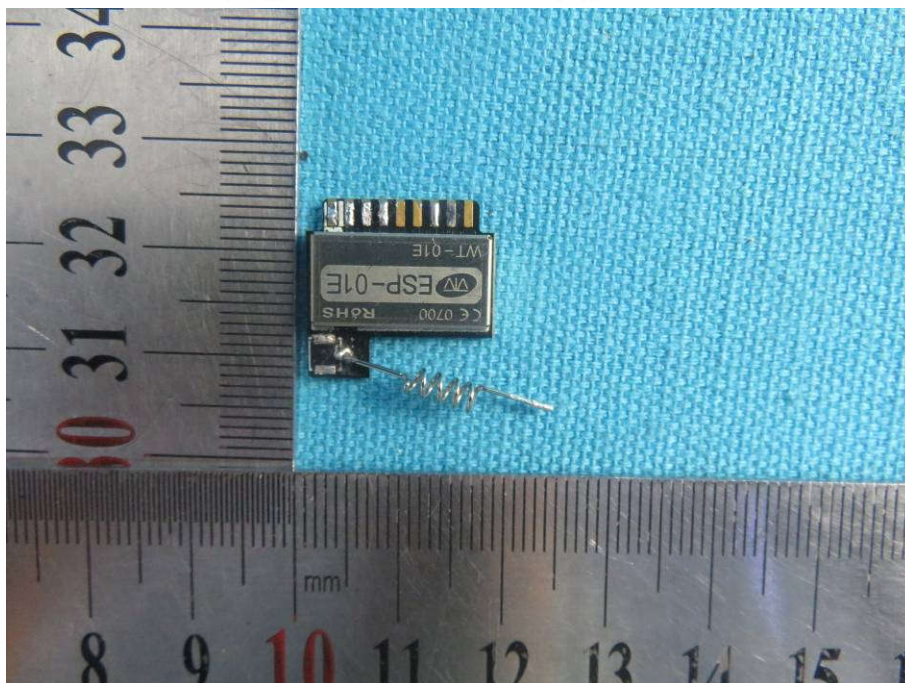
Radiated spurious emission Test Setup for Close-up



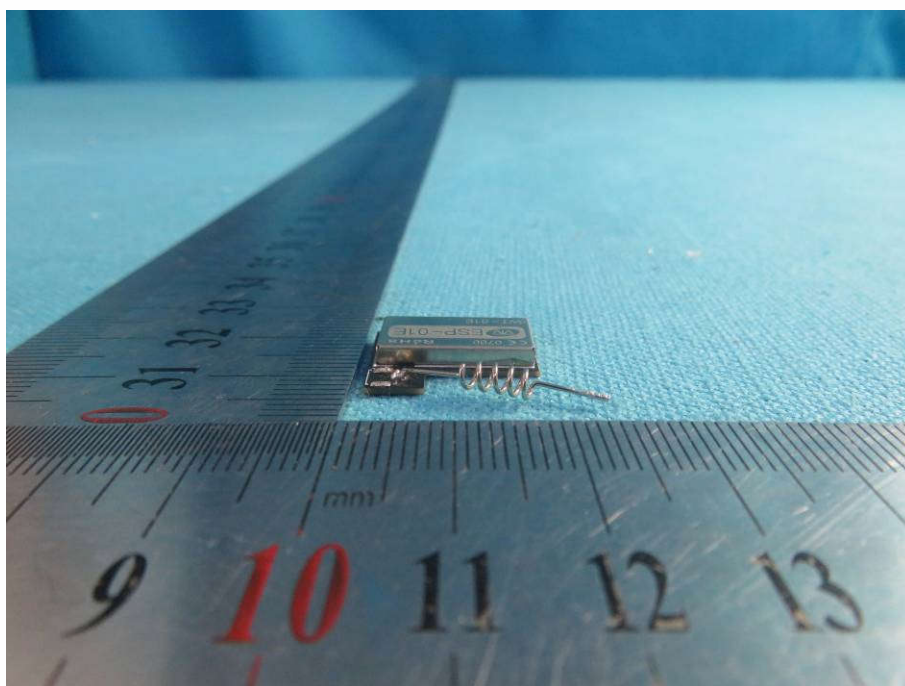
Conducted Emissions Test Setup

PHOTOGRAPHS OF EUT Constructional Details

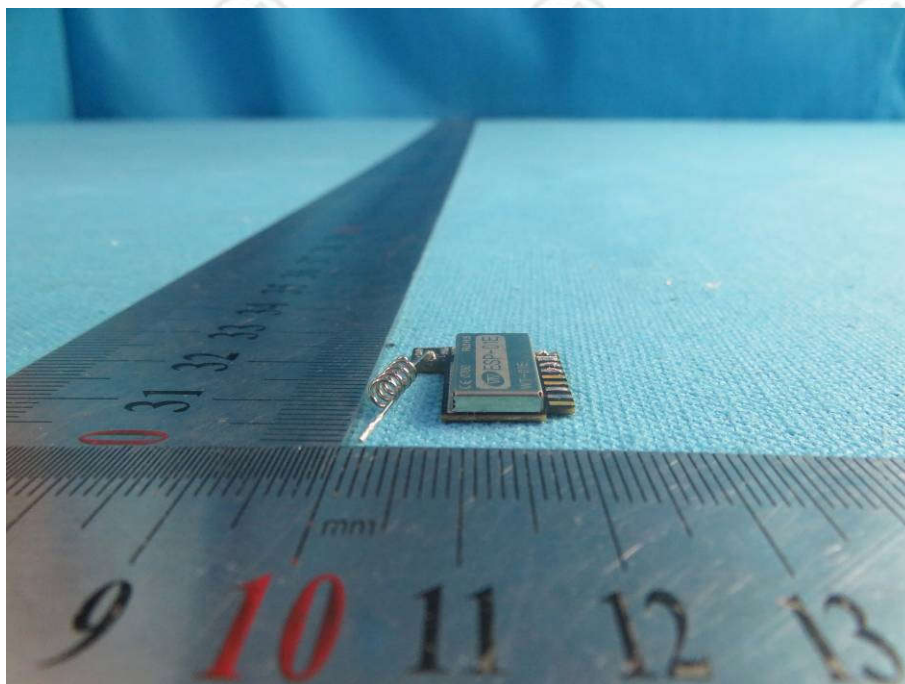
Test model No.: WT-01E



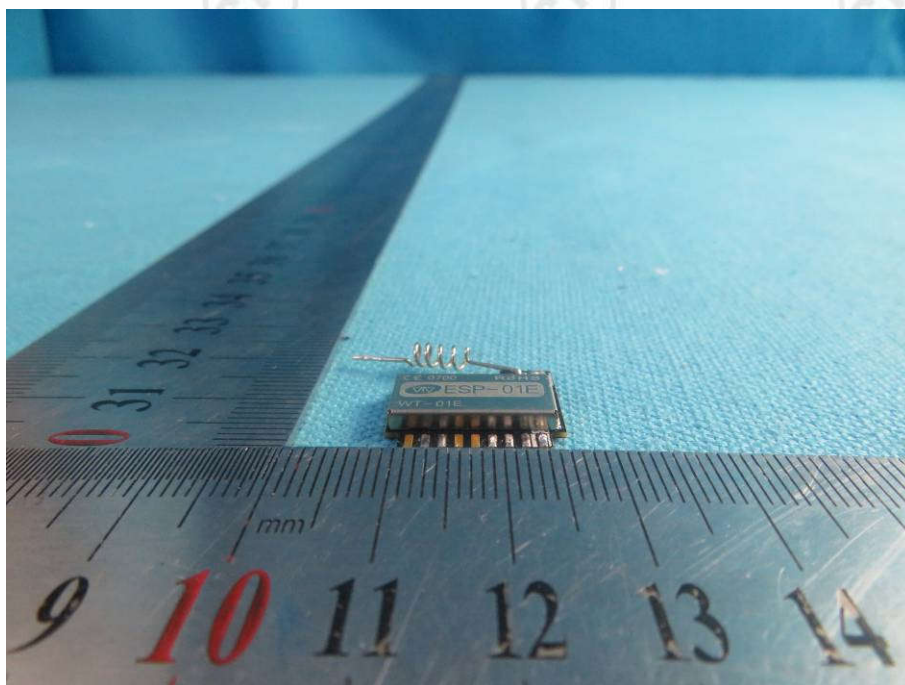
View of Product-1



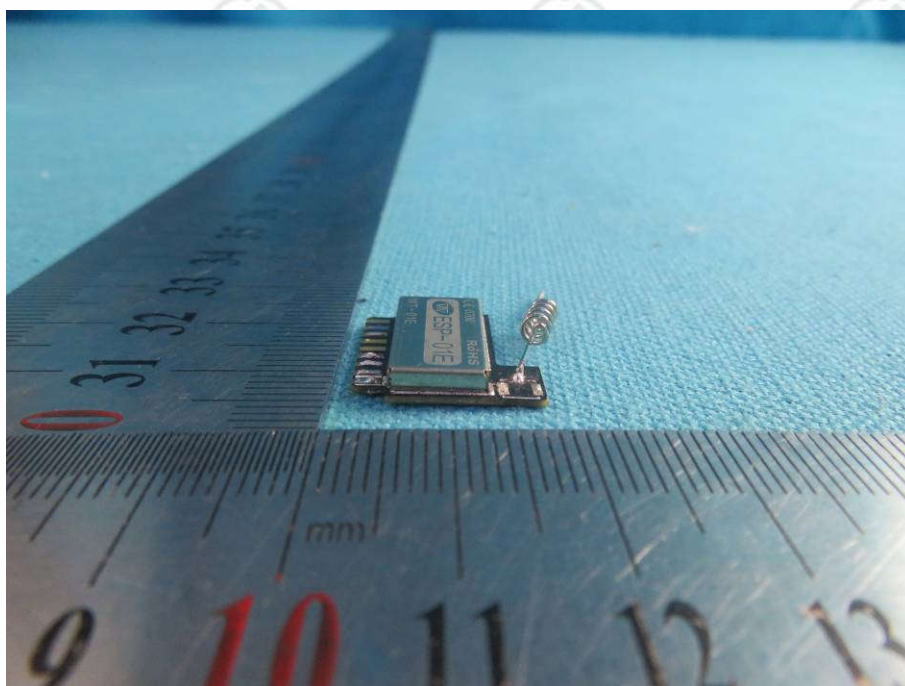
View of Product-2



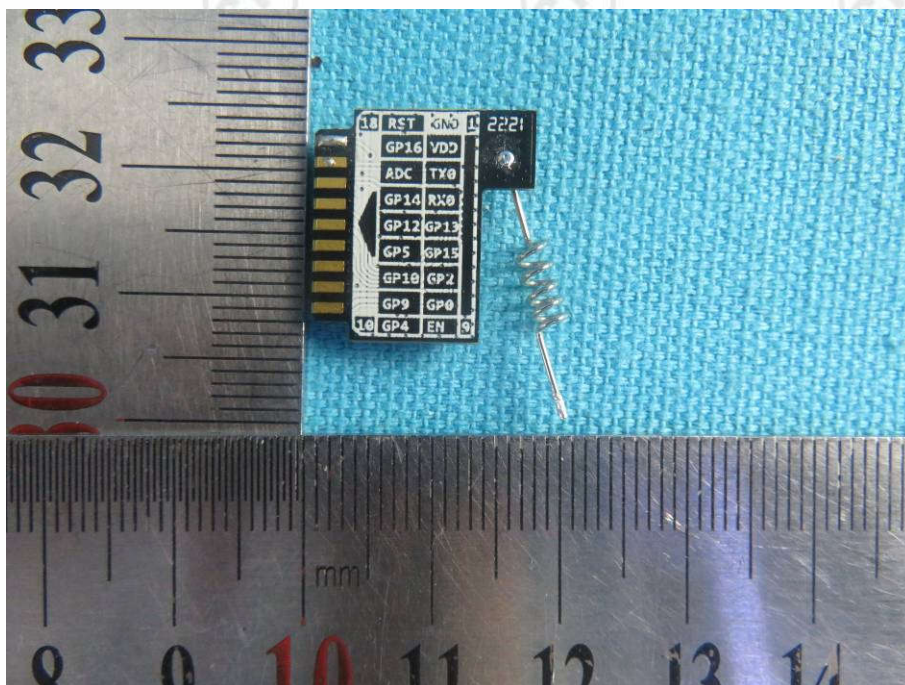
View of Product-3



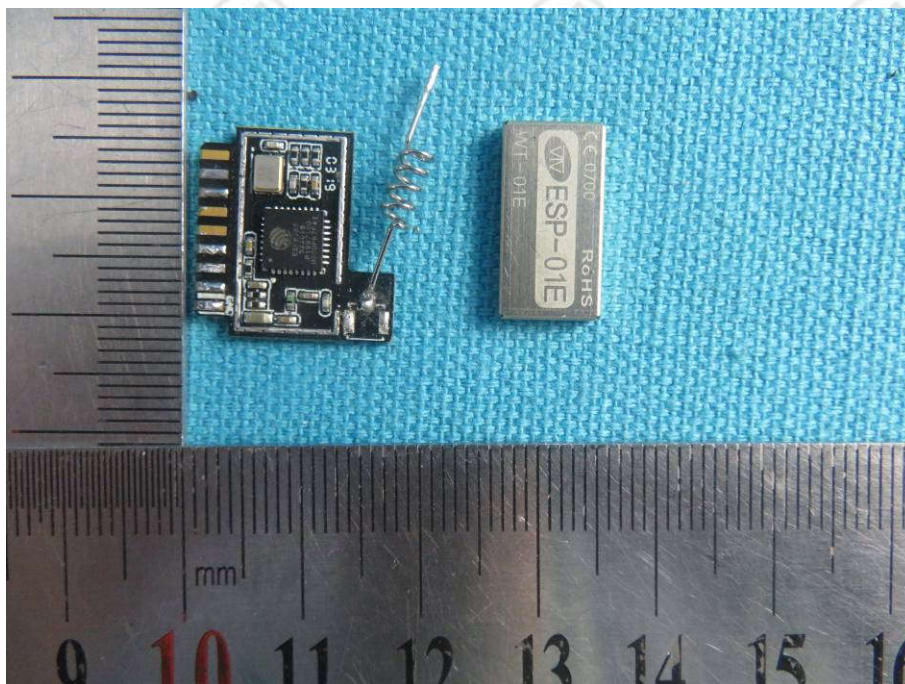
View of Product-4



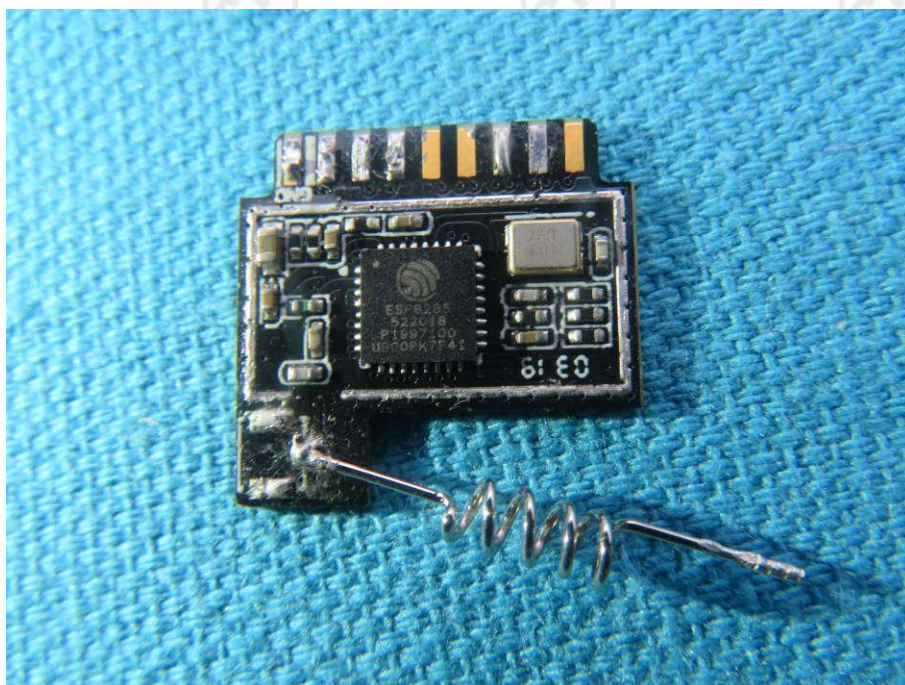
View of Product-5



View of Product-6



View of Product-7



View of Product-6

*** End of Report ***

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