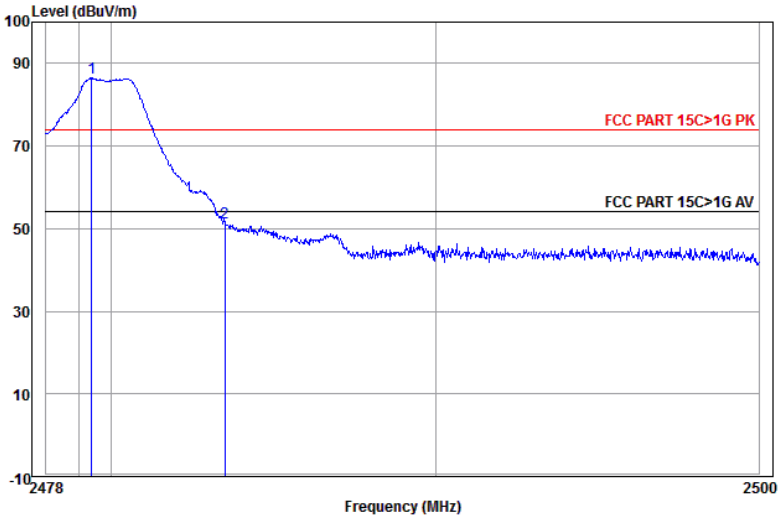
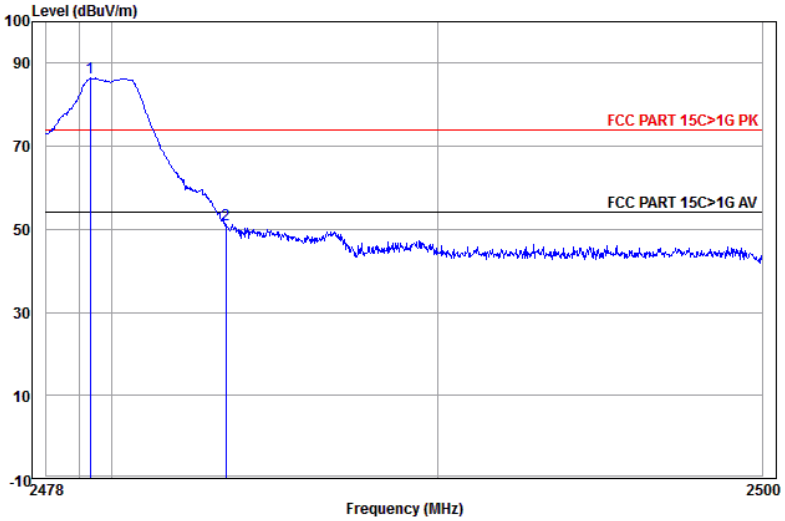
Worse case mode:	GFSK(1-DH5)		
Frequency: 2483.5MHz	Test channel:	Polarization: Horizontal	Remark: Peak



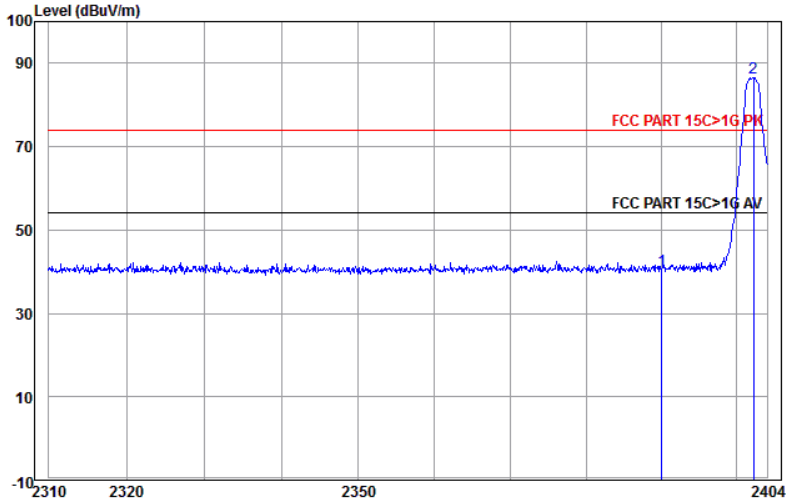
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	2479.402	32.71	4.50	44.14	93.38	86.45	74.00	12.45	Horizontal	
2	2483.500	32.71	4.51	44.14	58.34	51.42	74.00	-22.58	Horizontal	

Worse case mode:	GFSK(1-DH5)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Peak



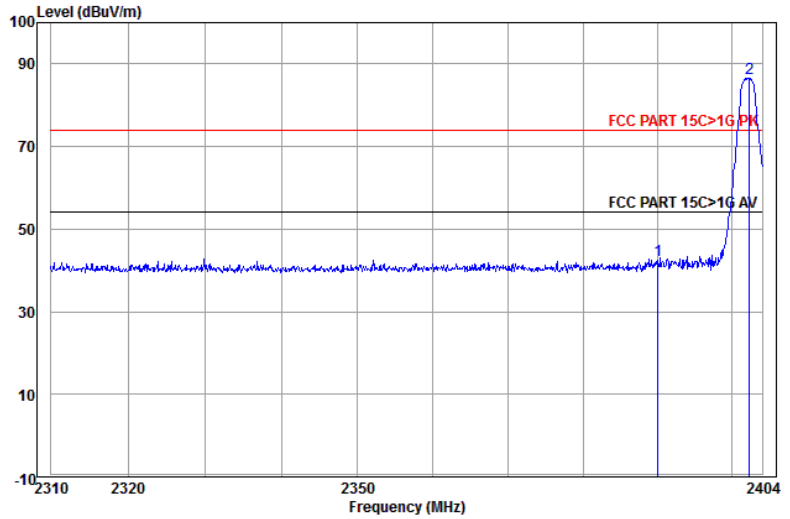
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	2479.336	32.71	4.50	44.14	93.35	86.42	74.00	12.42	Vertical	
2	2483.500	32.71	4.51	44.14	57.97	51.05	74.00	-22.95	Vertical	

Worse case mode:	π/4DQPSK(2-DH5)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



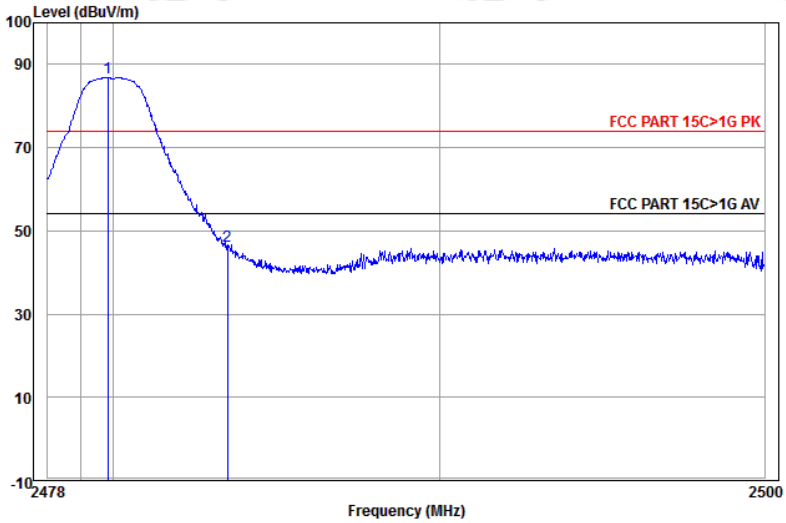
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	4.28	44.03	47.49	40.27	74.00	-33.73	Horizontal	
2 pp	2402.179	32.56	4.31	44.04	93.63	86.46	74.00	12.46	Horizontal	

Worse case mode:	π/4DQPSK(2-DH5)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



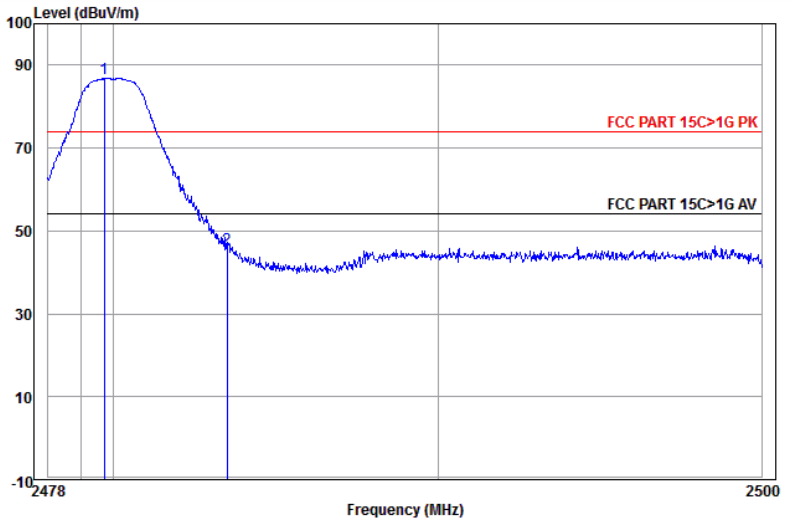
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	4.28	44.03	49.77	42.55	74.00	-31.45	Vertical	
2 pp	2402.275	32.56	4.31	44.04	93.65	86.48	74.00	12.48	Vertical	

Worse case mode:	π/4DQPSK(2-DH5)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Peak



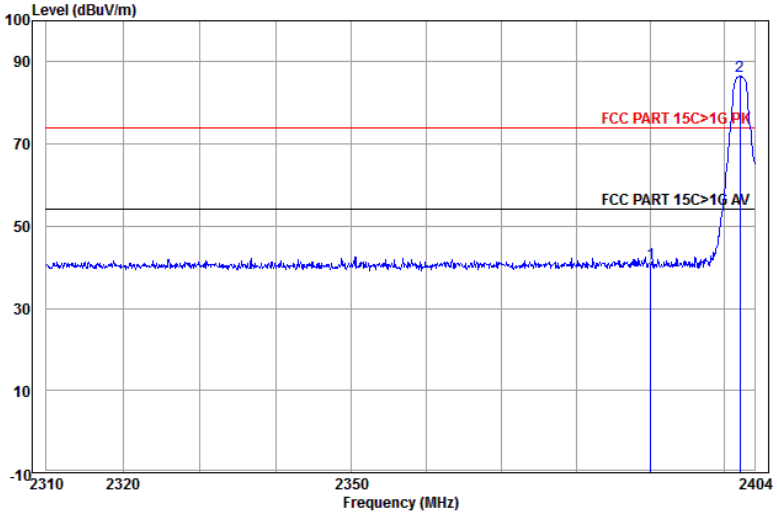
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	2479.841	32.71	4.50	44.14	93.81	86.88	74.00	12.88	Horizontal	
2	2483.500	32.71	4.51	44.14	53.40	46.48	74.00	-27.52	Horizontal	

Worse case mode:	π/4DQPSK(2-DH5)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Peak



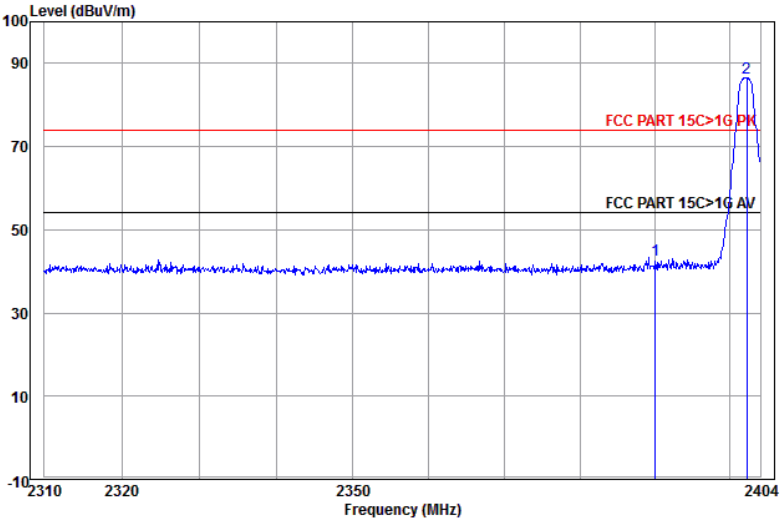
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	2479.731	32.71	4.50	44.14	93.72	86.79	74.00	12.79	Vertical	
2	2483.500	32.71	4.51	44.14	52.54	45.62	74.00	-28.38	Vertical	

Worse case mode:	8DPSK(3-DH5)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Horizontal	Remark: Peak



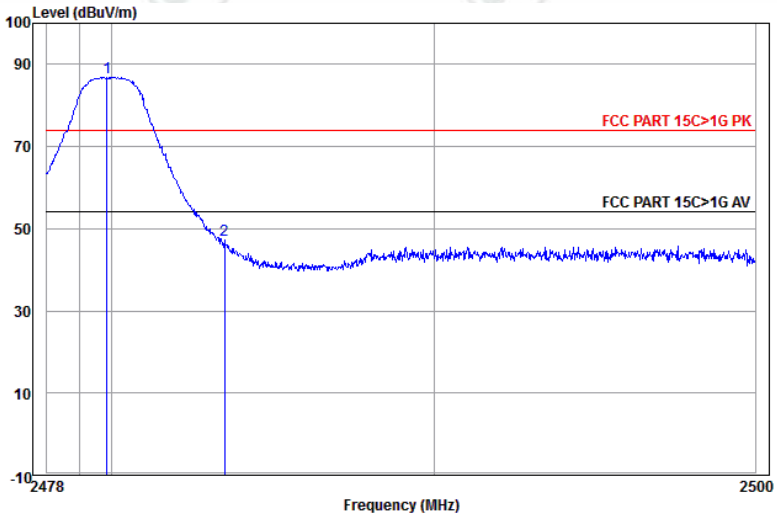
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	4.28	44.03	48.08	40.86	74.00	-33.14	Horizontal	
2 pp	2402.083	32.56	4.31	44.04	93.60	86.43	74.00	12.43	Horizontal	

Worse case mode:	8DPSK(3-DH5)		
Frequency: 2390.0MHz	Test channel: Lowest	Polarization: Vertical	Remark: Peak



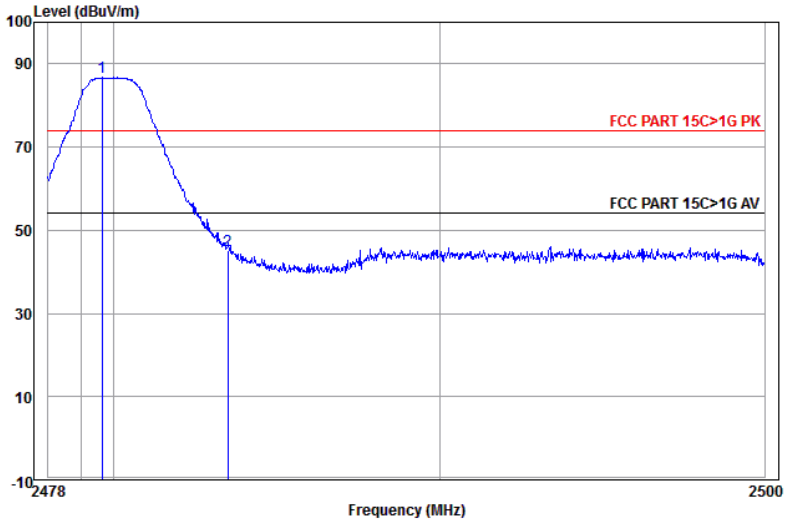
	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	2390.000	32.53	4.28	44.03	49.96	42.74	74.00	-31.26	Vertical	
2 pp	2402.179	32.56	4.31	44.04	93.64	86.47	74.00	12.47	Vertical	

Worse case mode:	8DPSK(3-DH5)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Horizontal	Remark: Peak



	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	2479.863	32.71	4.50	44.14	93.70	86.77	74.00	12.77	Horizontal	
2	2483.500	32.71	4.51	44.14	54.25	47.33	74.00	-26.67	Horizontal	

Worse case mode:	8DPSK(3-DH5)		
Frequency: 2483.5MHz	Test channel: Highest	Polarization: Vertical	Remark: Peak



	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp	2479.643	32.71	4.50	44.14	93.61	86.68	74.00	12.68	Vertical	
2	2483.500	32.71	4.51	44.14	52.12	45.20	74.00	-28.80	Vertical	

Note:

1) Through Pre-scan transmitter mode with all kind of modulation and all kind of data type, find the 1-DH5 of data type is the worse case of GFSK modulation type, the 2-DH5 of data type is the worse case of π/4DQPSK modulation type, the 3-DH5 of data type is the worse case of 8DPSK modulation type in charge + transmitter mode.

2) As shown in this section, the field strength limits are based on average limits. However, the peak field

strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak values are measured.
3) 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 L): 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, whichwas 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 table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Above 1GHz test procedure as below:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter).
h. Test the EUT in the lowest channel ,the middle channel ,the Highest channel
i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.
j. Repeat above procedures until all frequencies measured was complete.

Limit:

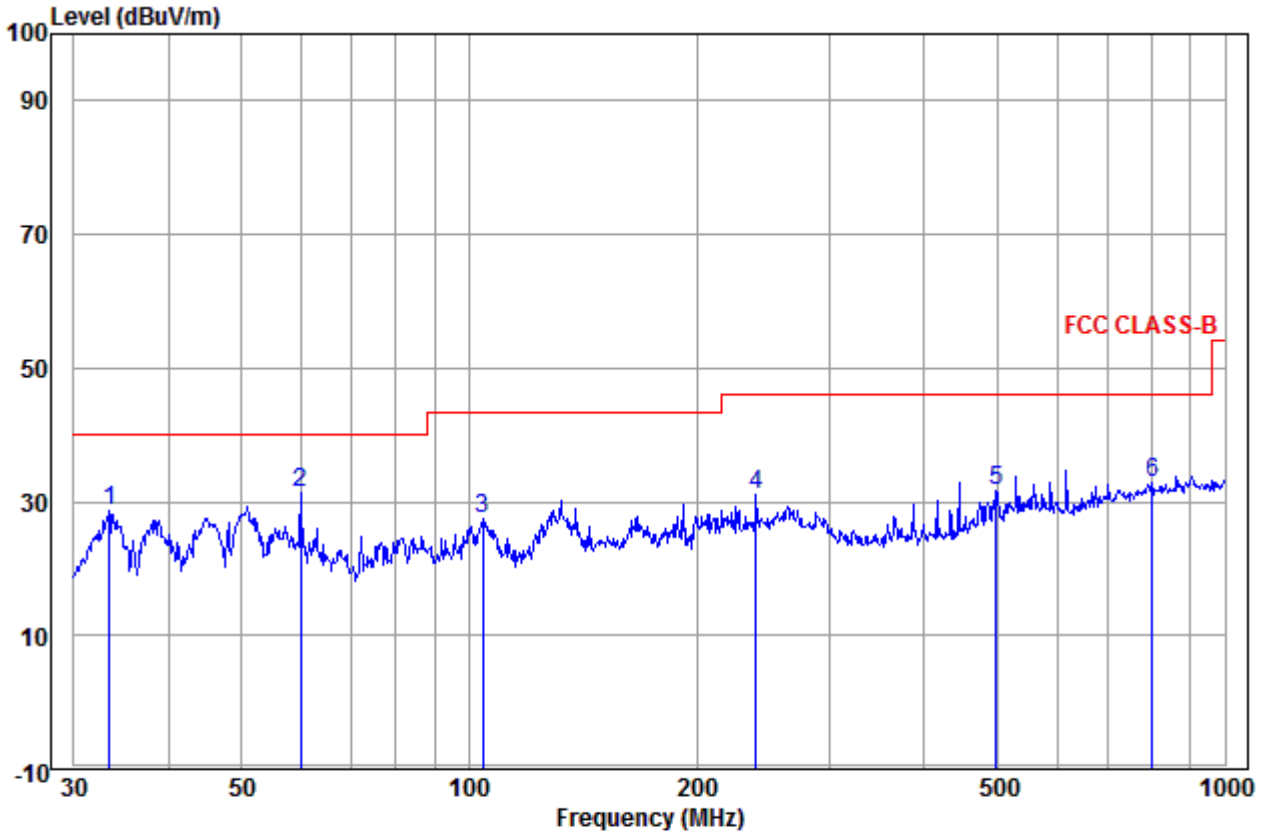
Frequency	Field strength (microvolt/meter)	Limit (dBμV/m)	Remark	Measurement distance (m)
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
1.705MHz-30MHz	30	-	-	30
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz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

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

Radiated Spurious Emissions test Data:

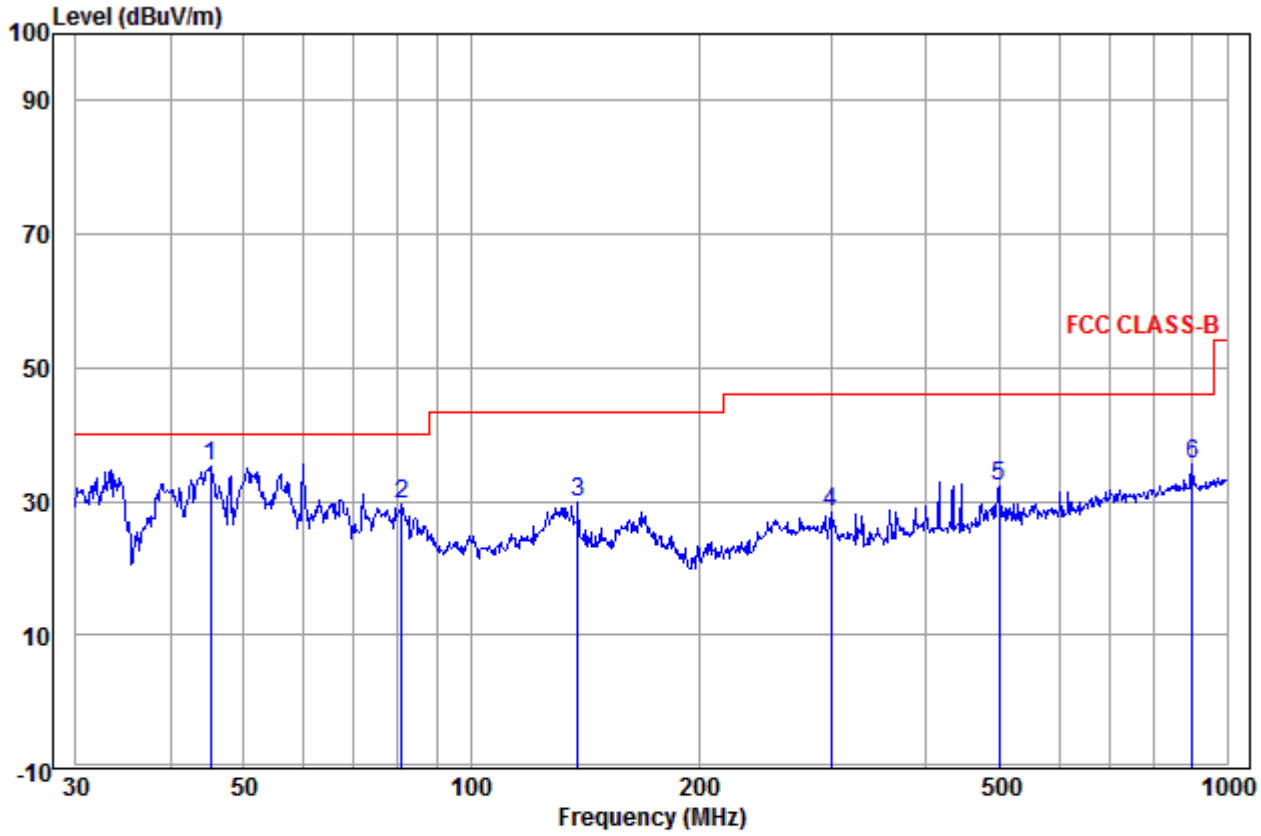
Radiated Emission below 1GHz

30MHz~1GHz (QP)		
Test mode:	Transmitting	Horizontal



	Freq	Ant Factor	Cable Loss	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	33.445	13.14	0.94	14.58	28.66	40.00	-11.34	
2 pp	59.859	13.82	1.43	16.04	31.29	40.00	-8.71	
3	104.170	12.85	1.57	13.14	27.56	43.50	-15.94	
4	239.987	12.25	2.32	16.51	31.08	46.00	-14.92	
5	497.677	18.34	3.12	10.16	31.62	46.00	-14.38	
6	801.786	21.61	3.84	7.41	32.86	46.00	-13.14	

Test mode:	Transmitting	Vertical



	Freq	Ant Factor	Cable Loss	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	45.217	14.69	1.01	19.52	35.22	40.00	-4.78	
2	80.927	8.85	1.57	19.29	29.71	40.00	-10.29	
3	138.387	10.40	1.58	18.03	30.01	43.50	-13.49	
4	299.316	13.49	2.38	12.59	28.46	46.00	-17.54	
5	499.425	18.39	3.13	10.70	32.22	46.00	-13.78	
6	900.147	22.40	4.34	8.95	35.69	46.00	-10.31	

Transmitter Emission above 1GHz

Worse case mode:		GFSK(1-DH5)		Test channel:		Lowest	Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1065.707	29.88	2.35	44.59	56.89	44.53	74.00	-29.47	Pass	H
1659.574	31.16	2.97	43.82	55.67	45.98	74.00	-28.02	Pass	H
2558.193	32.85	4.68	44.23	56.75	50.05	74.00	-23.95	Pass	H
4809.499	34.70	5.11	44.60	50.52	45.73	74.00	-28.27	Pass	H
7209.015	36.42	6.67	44.78	43.65	41.96	74.00	-32.04	Pass	H
9611.663	37.89	7.73	45.58	45.29	45.33	74.00	-28.67	Pass	H
1464.963	30.80	2.79	44.04	54.88	44.43	74.00	-29.57	Pass	V
2558.193	32.85	4.68	44.23	56.09	49.39	74.00	-24.61	Pass	V
3003.173	33.60	5.62	44.70	52.27	46.79	74.00	-27.21	Pass	V
4809.499	34.70	5.11	44.60	53.10	48.31	74.00	-25.69	Pass	V
7209.015	36.42	6.67	44.78	45.22	43.53	74.00	-30.47	Pass	V
9611.663	37.89	7.73	45.58	44.42	44.46	74.00	-29.54	Pass	V

Worse case mode:		GFSK(1-DH5)		Test channel:		Middle	Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1668.044	31.18	2.98	43.81	54.91	45.26	74.00	-28.74	Pass	H
2597.564	32.93	4.77	44.27	56.31	49.74	74.00	-24.26	Pass	H
4883.519	34.86	5.08	44.60	50.21	45.55	74.00	-28.45	Pass	H
6299.178	36.06	7.13	44.53	46.72	45.38	74.00	-28.62	Pass	H
7338.621	36.44	6.78	44.88	45.62	43.96	74.00	-30.04	Pass	H
9759.591	38.05	7.60	45.55	42.28	42.38	74.00	-31.62	Pass	H
1495.101	30.86	2.82	44.00	55.13	44.81	74.00	-29.19	Pass	V
2597.564	32.93	4.77	44.27	56.12	49.55	74.00	-24.45	Pass	V
3003.173	33.60	5.62	44.70	51.85	46.37	74.00	-27.63	Pass	V
4883.519	34.86	5.08	44.60	50.47	45.81	74.00	-28.19	Pass	V
7319.964	36.43	6.77	44.87	47.77	46.10	74.00	-27.90	Pass	V
9759.591	38.05	7.60	45.55	44.50	44.60	74.00	-29.40	Pass	V

Worse case mode:		GFSK(1-DH5)		Test channel:		Highest	Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1659.574	31.16	2.97	43.82	55.24	45.55	74.00	-28.45	Pass	H
2610.823	32.95	4.80	44.29	53.86	47.32	74.00	-26.68	Pass	H
3003.173	33.60	5.62	44.70	51.10	45.62	74.00	-28.38	Pass	H
4958.678	35.01	5.05	44.60	47.09	42.55	74.00	-31.45	Pass	H
7413.726	36.44	6.85	44.94	46.20	44.55	74.00	-29.45	Pass	H
9935.053	38.23	7.46	45.51	44.34	44.52	74.00	-29.48	Pass	H
1889.633	31.54	3.15	43.60	59.49	50.58	74.00	-23.42	Pass	V
2637.542	33.00	4.86	44.32	56.68	50.22	74.00	-23.78	Pass	V
3003.173	33.60	5.62	44.70	52.01	46.53	74.00	-27.47	Pass	V
4958.678	35.01	5.05	44.60	48.68	44.14	74.00	-29.86	Pass	V
7451.566	36.45	6.89	44.97	47.46	45.83	74.00	-28.17	Pass	V
9909.795	38.21	7.48	45.52	45.07	45.24	74.00	-28.76	Pass	V

Worse case mode:		π/4DQPSK(2-DH5)		Test channel:		Lowest	Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1659.574	31.16	2.97	43.82	55.11	45.42	74.00	-28.58	Pass	H
2558.193	32.85	4.68	44.23	56.02	49.32	74.00	-24.68	Pass	H
2883.316	33.41	5.39	44.58	50.19	44.41	74.00	-29.59	Pass	H
4809.499	34.70	5.11	44.60	45.14	40.35	74.00	-33.65	Pass	H
7209.015	36.42	6.67	44.78	43.32	41.63	74.00	-32.37	Pass	H
9611.663	37.89	7.73	45.58	44.83	44.87	74.00	-29.13	Pass	H
1062.998	29.88	2.35	44.59	56.20	43.84	74.00	-30.16	Pass	V
1498.912	30.87	2.83	44.00	54.29	43.99	74.00	-30.01	Pass	V
2558.193	32.85	4.68	44.23	54.64	47.94	74.00	-26.06	Pass	V
4809.499	34.70	5.11	44.60	46.50	41.71	74.00	-32.29	Pass	V
7209.015	36.42	6.67	44.78	43.56	41.87	74.00	-32.13	Pass	V
9611.663	37.89	7.73	45.58	44.84	44.88	74.00	-29.12	Pass	V

Worse case mode:		π/4DQPSK(2-DH5)		Test channel:		Middle	Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1659.574	31.16	2.97	43.82	56.60	46.91	74.00	-27.09	Pass	H
2597.564	32.93	4.77	44.27	56.37	49.80	74.00	-24.20	Pass	H
3350.560	33.29	5.55	44.66	49.03	43.21	74.00	-30.79	Pass	H
4883.519	34.86	5.08	44.60	43.84	39.18	74.00	-34.82	Pass	H
7319.964	36.43	6.77	44.87	45.71	44.04	74.00	-29.96	Pass	H
9759.591	38.05	7.60	45.55	43.29	43.39	74.00	-30.61	Pass	H
1491.300	30.85	2.82	44.01	54.15	43.81	74.00	-30.19	Pass	V
2129.789	31.99	3.60	43.69	51.94	43.84	74.00	-30.16	Pass	V
2597.564	32.93	4.77	44.27	55.37	48.80	74.00	-25.20	Pass	V
4883.519	34.86	5.08	44.60	45.22	40.56	74.00	-33.44	Pass	V
7319.964	36.43	6.77	44.87	45.21	43.54	74.00	-30.46	Pass	V
9759.591	38.05	7.60	45.55	42.49	42.59	74.00	-31.41	Pass	V

Worse case mode:		π/4DQPSK(2-DH5)		Test channel:		Highest	Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1062.998	29.88	2.35	44.59	55.17	42.81	74.00	-31.19	Pass	H
1668.044	31.18	2.98	43.81	54.78	45.13	74.00	-28.87	Pass	H
2637.542	33.00	4.86	44.32	56.28	49.82	74.00	-24.18	Pass	H
4946.072	34.99	5.06	44.60	42.83	38.28	74.00	-35.72	Pass	H
7432.622	36.44	6.87	44.96	44.92	43.27	74.00	-30.73	Pass	H
9909.795	38.21	7.48	45.52	45.94	46.11	74.00	-27.89	Pass	H
1062.998	29.88	2.35	44.59	55.92	43.56	74.00	-30.44	Pass	V
1495.101	30.86	2.82	44.00	52.84	42.52	74.00	-31.48	Pass	V
2637.542	33.00	4.86	44.32	56.24	49.78	74.00	-24.22	Pass	V
4958.678	35.01	5.05	44.60	44.65	40.11	74.00	-33.89	Pass	V
7432.622	36.44	6.87	44.96	44.99	43.34	74.00	-30.66	Pass	V
9909.795	38.21	7.48	45.52	45.56	45.73	74.00	-28.27	Pass	V

Worse case mode:		8DPSK(3-DH5)		Test channel:		Lowest	Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1663.803	31.17	2.97	43.82	55.39	45.71	74.00	-28.29	Pass	H
2558.193	32.85	4.68	44.23	56.62	49.92	74.00	-24.08	Pass	H
3003.173	33.60	5.62	44.70	50.49	45.01	74.00	-28.99	Pass	H
4809.499	34.70	5.11	44.60	43.40	38.61	74.00	-35.39	Pass	H
7209.015	36.42	6.67	44.78	43.00	41.31	74.00	-32.69	Pass	H
9611.663	37.89	7.73	45.58	44.68	44.72	74.00	-29.28	Pass	H
1663.803	31.17	2.97	43.82	53.17	43.49	74.00	-30.51	Pass	V
2558.193	32.85	4.68	44.23	54.12	47.42	74.00	-26.58	Pass	V
4809.499	34.70	5.11	44.60	46.99	42.20	74.00	-31.80	Pass	V
5880.782	35.81	7.17	44.51	46.74	45.21	74.00	-28.79	Pass	V
7209.015	36.42	6.67	44.78	43.60	41.91	74.00	-32.09	Pass	V
9611.663	37.89	7.73	45.58	45.43	45.47	74.00	-28.53	Pass	V

Worse case mode:		8DPSK(3-DH5)		Test channel:		Middle	Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1659.574	31.16	2.97	43.82	54.98	45.29	74.00	-28.71	Pass	H
2597.564	32.93	4.77	44.27	56.69	50.12	74.00	-23.88	Pass	H
4883.519	34.86	5.08	44.60	46.53	41.87	74.00	-32.13	Pass	H
6331.329	36.07	7.10	44.53	46.35	44.99	74.00	-29.01	Pass	H
7319.964	36.43	6.77	44.87	44.88	43.21	74.00	-30.79	Pass	H
9759.591	38.05	7.60	45.55	42.07	42.17	74.00	-31.83	Pass	H
1498.912	30.87	2.83	44.00	54.48	44.18	74.00	-29.82	Pass	V
2597.564	32.93	4.77	44.27	55.78	49.21	74.00	-24.79	Pass	V
3003.173	33.60	5.62	44.70	52.78	47.30	74.00	-26.70	Pass	V
4883.519	34.86	5.08	44.60	45.37	40.71	74.00	-33.29	Pass	V
7319.964	36.43	6.77	44.87	45.96	44.29	74.00	-29.71	Pass	V
9759.591	38.05	7.60	45.55	42.48	42.58	74.00	-31.42	Pass	V

Worse case mode:		8DPSK(3-DH5)		Test channel:		Highest	Remark: Peak		
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Result	Antenna Polaxis
1668.044	31.18	2.98	43.81	54.58	44.93	74.00	-29.07	Pass	H
2637.542	33.00	4.86	44.32	56.56	50.10	74.00	-23.90	Pass	H
3003.173	33.60	5.62	44.70	49.31	43.83	74.00	-30.17	Pass	H
4958.678	35.01	5.05	44.60	43.73	39.19	74.00	-34.81	Pass	H
7432.622	36.44	6.87	44.96	44.64	42.99	74.00	-31.01	Pass	H
9909.795	38.21	7.48	45.52	45.23	45.40	74.00	-28.60	Pass	H
1495.101	30.86	2.82	44.00	55.16	44.84	74.00	-29.16	Pass	V
2124.374	31.98	3.59	43.68	52.26	44.15	74.00	-29.85	Pass	V
2637.542	33.00	4.86	44.32	55.84	49.38	74.00	-24.62	Pass	V
4958.678	35.01	5.05	44.60	44.63	40.09	74.00	-33.91	Pass	V
7432.622	36.44	6.87	44.96	44.25	42.60	74.00	-31.40	Pass	V
9909.795	38.21	7.48	45.52	44.92	45.09	74.00	-28.91	Pass	V

Note:

1) Through Pre-scan transmitter mode with all kind of modulation and all kind of data type, find the 1-DH5 of data type is the worse case of GFSK modulation type, the 2-DH5 of data type is the worse case of π/4DQPSK modulation type, he 3-DH5 of data type is the worse case of 8DPSKmodulation type in charge + transmitter mode.

2) As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. H owever, the peak field strength of any emission shall not exceed the maximum permitted average limits specifie d above by more than 20 dB under any condition of modulation. So, only the peak values are measured.

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

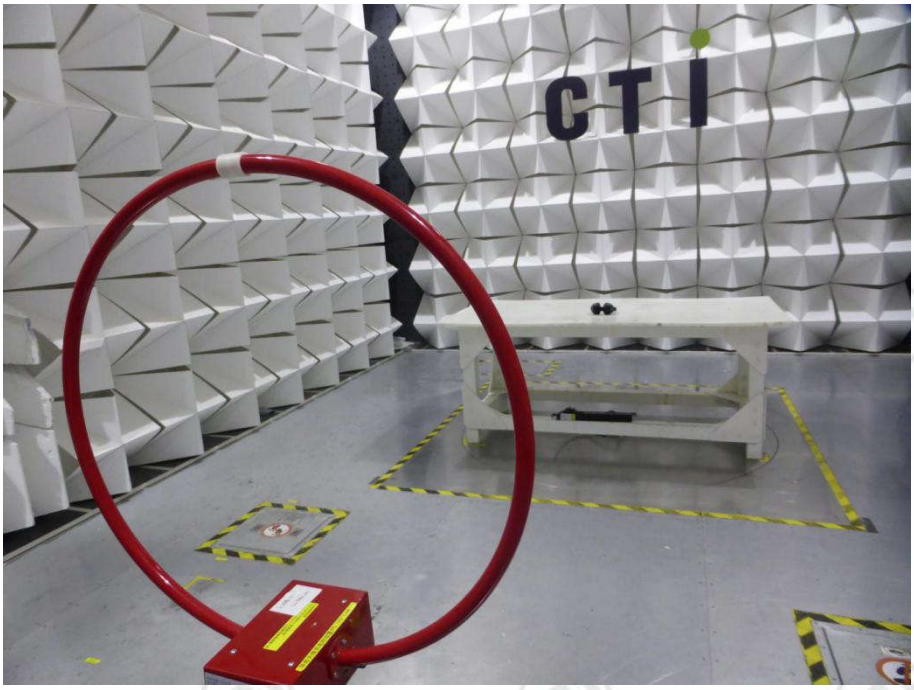
Final Test Level =Receiver Reading -Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

4) 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.

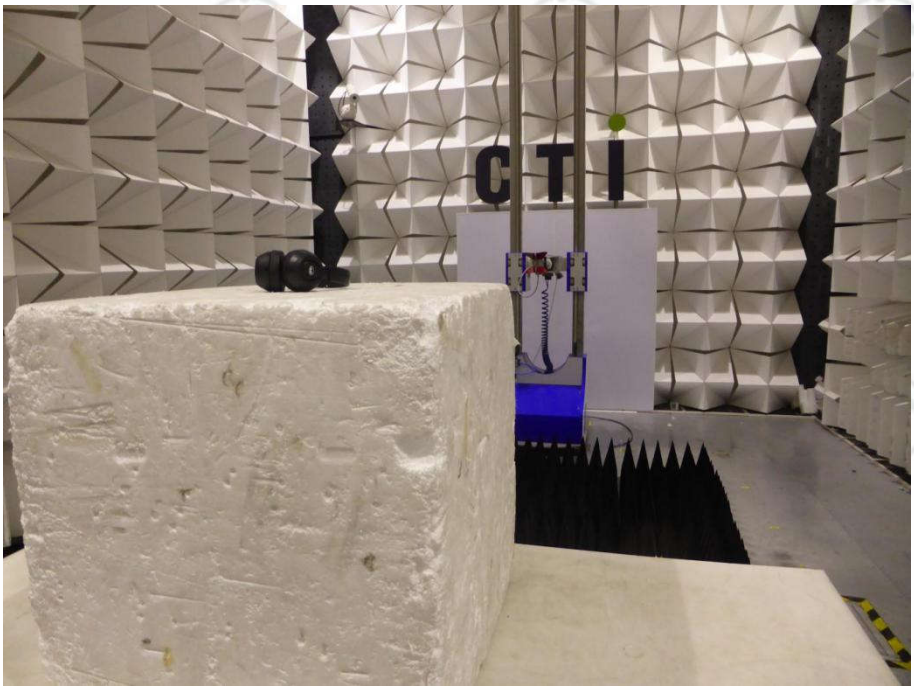
PHOTOGRAPHS OF TEST SETUP

Test model No.: 190693



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

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



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

Conducted Emissions Test Setup

PHOTOGRAPHS OF EUT Constructional Details

Test model No.: 190693

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

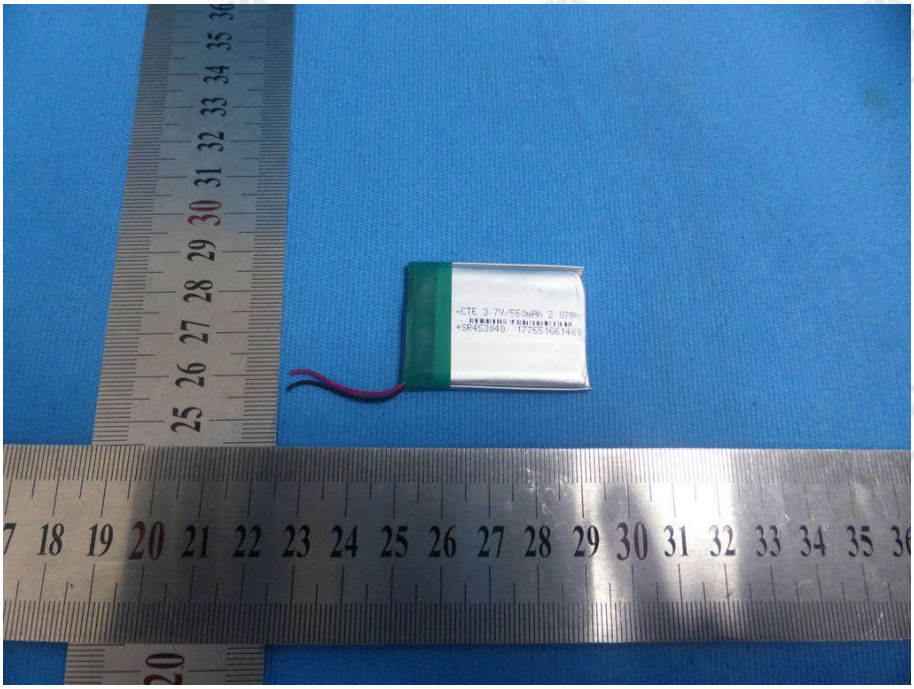
View of Product-8

View of Product-9

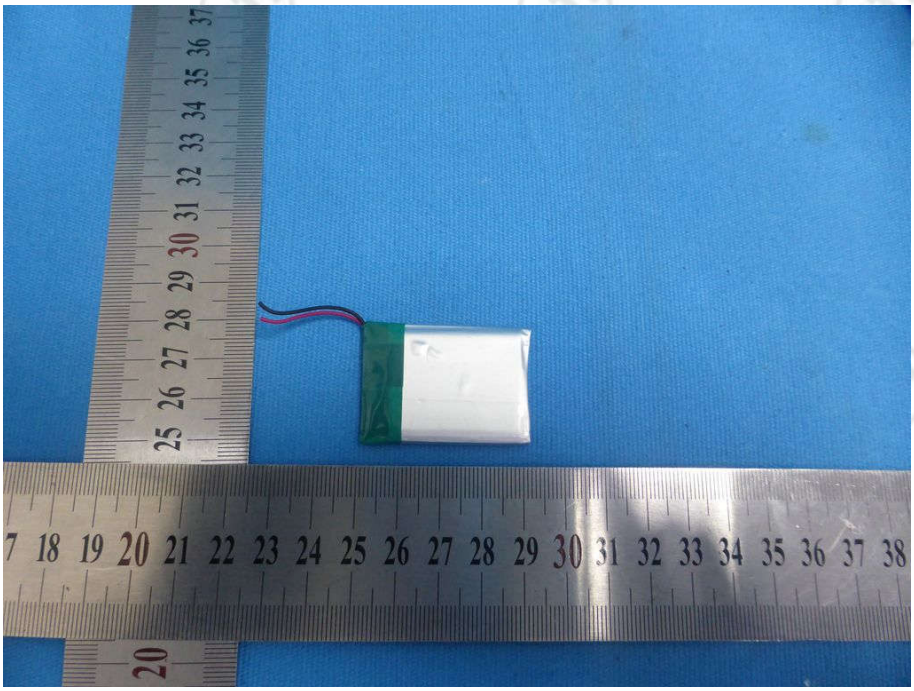
View of Product-10

View of Product-11

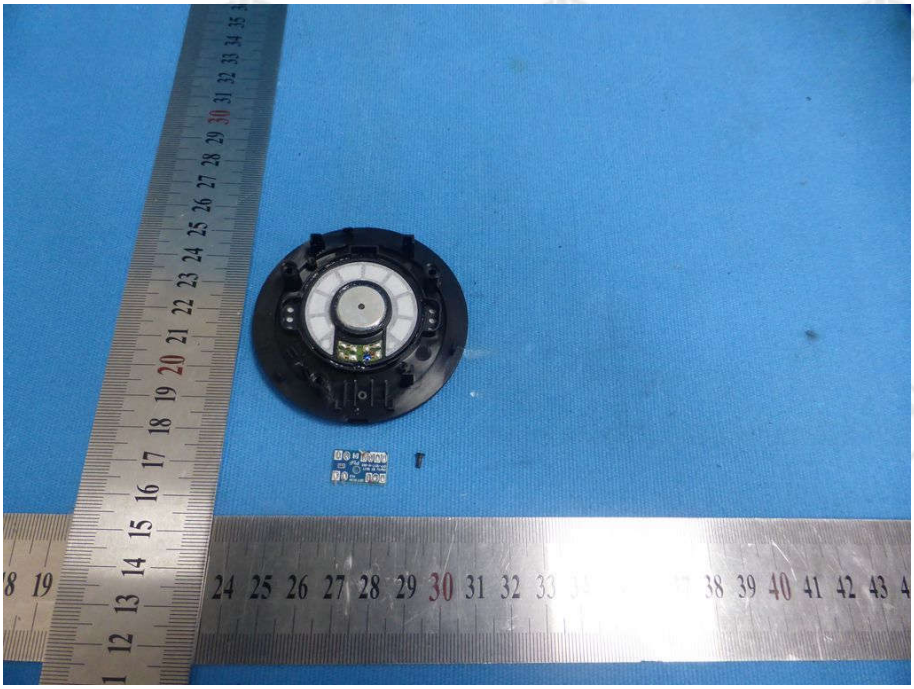
View of Product-12



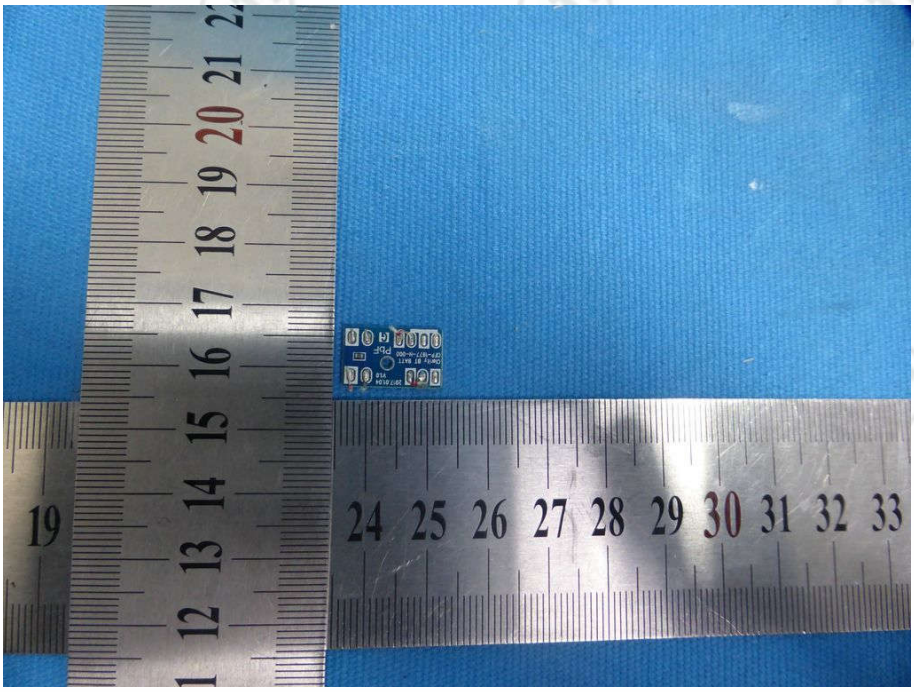
View of Product-13



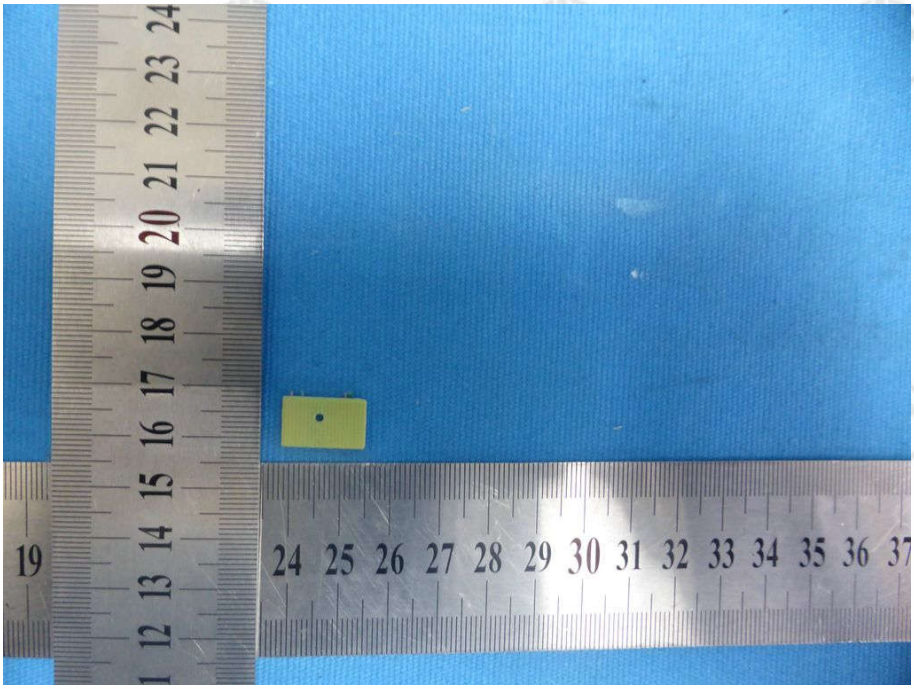
View of Product-14



View of Product-15



View of Product-16

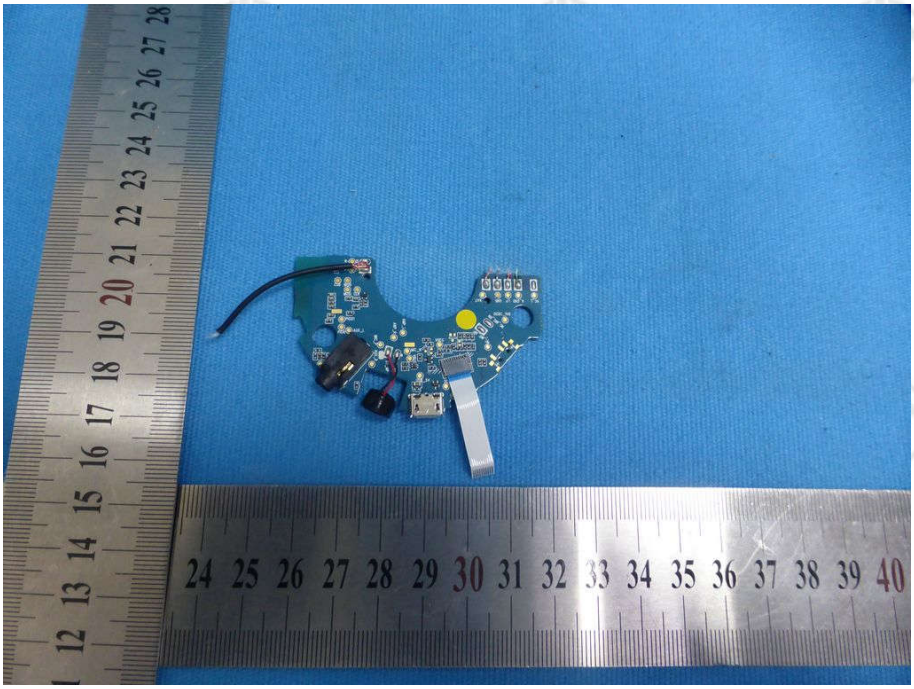


View of Product-17

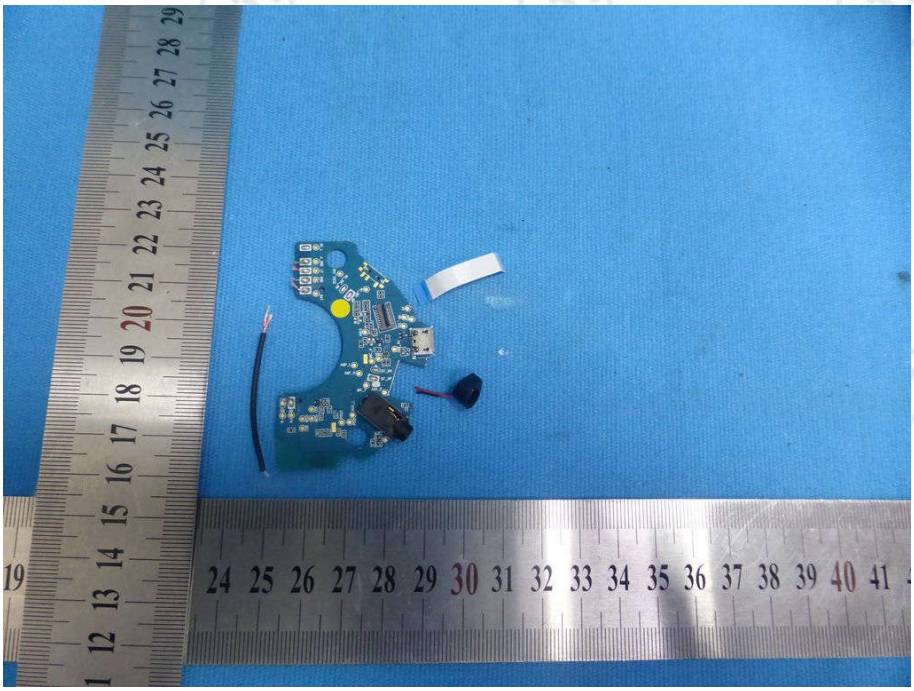
View of Product-18

View of Product-19

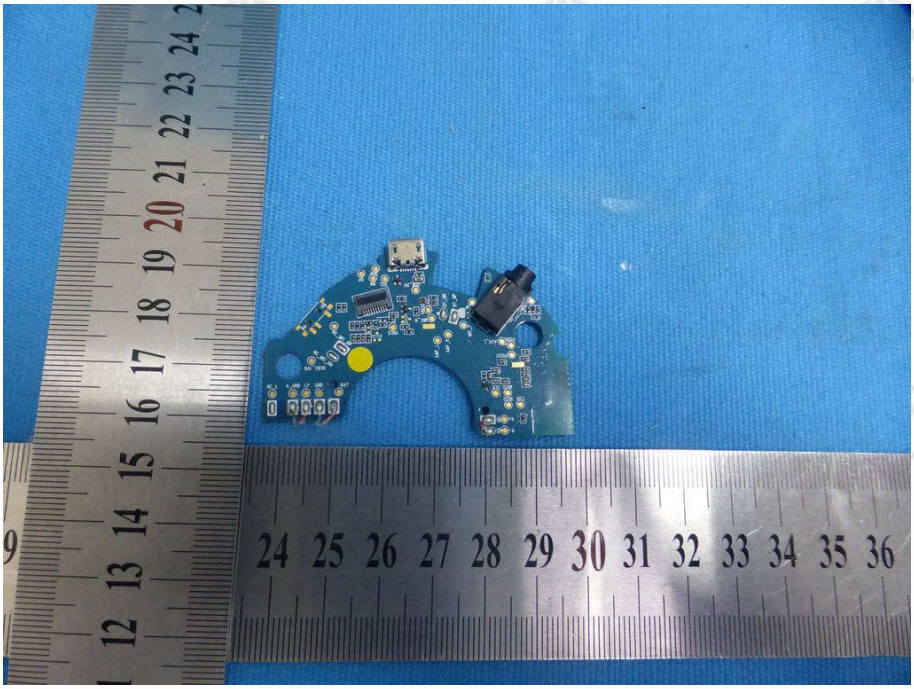
View of Product-20



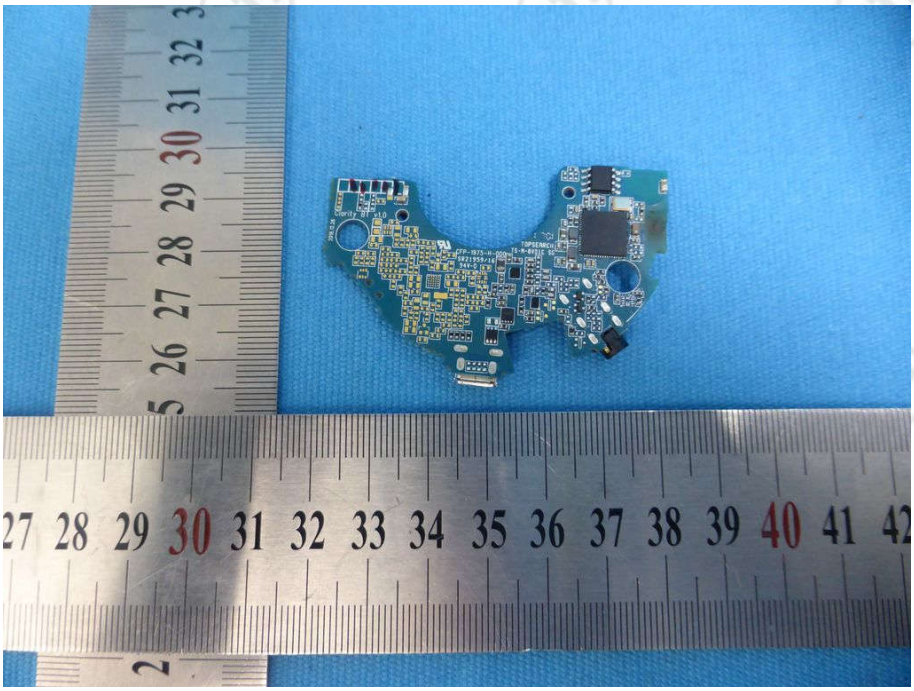
View of Product-21



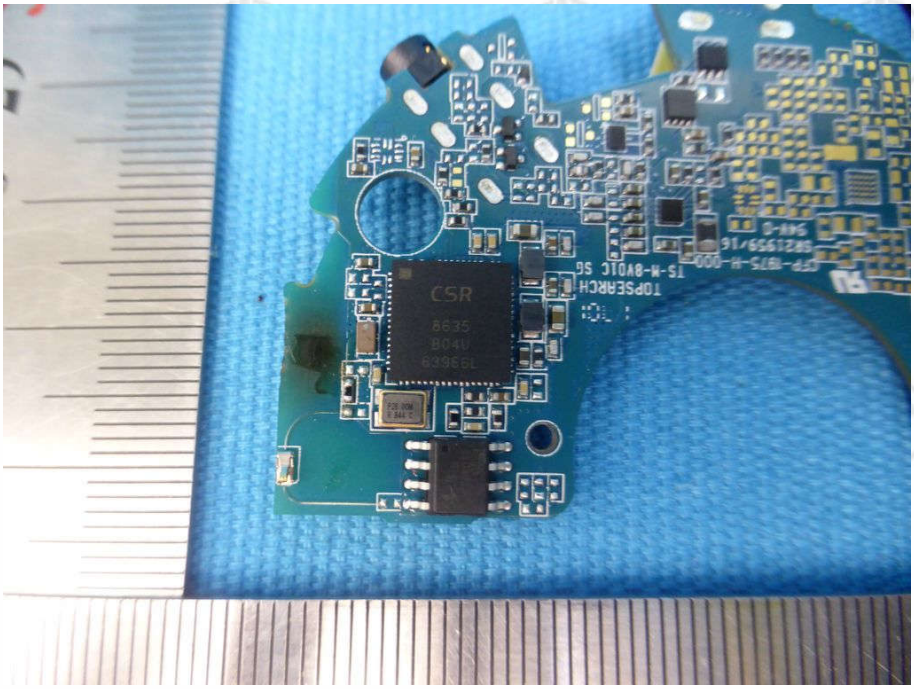
View of Product-22



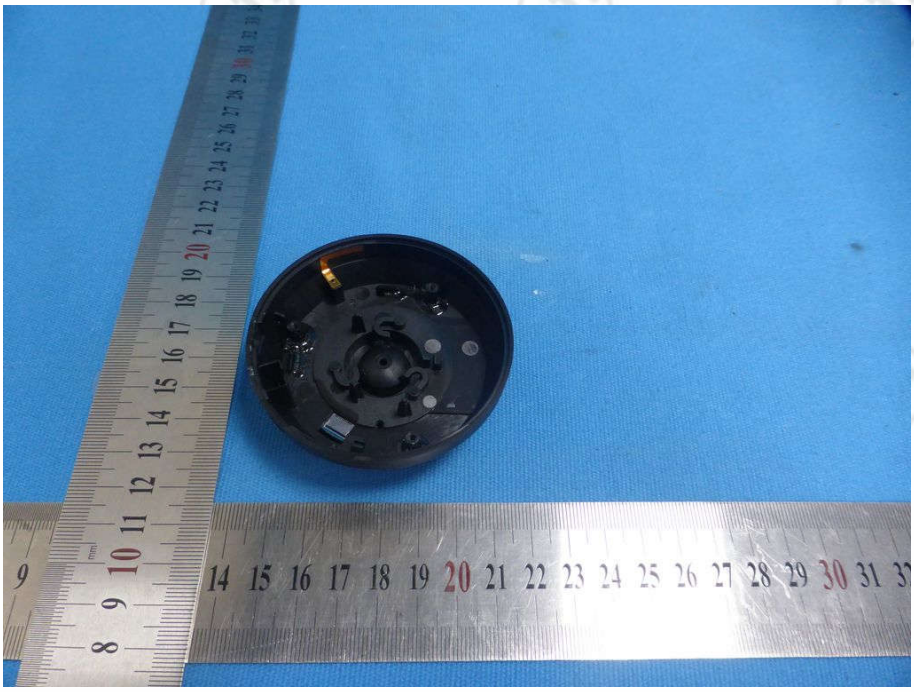
View of Product-23



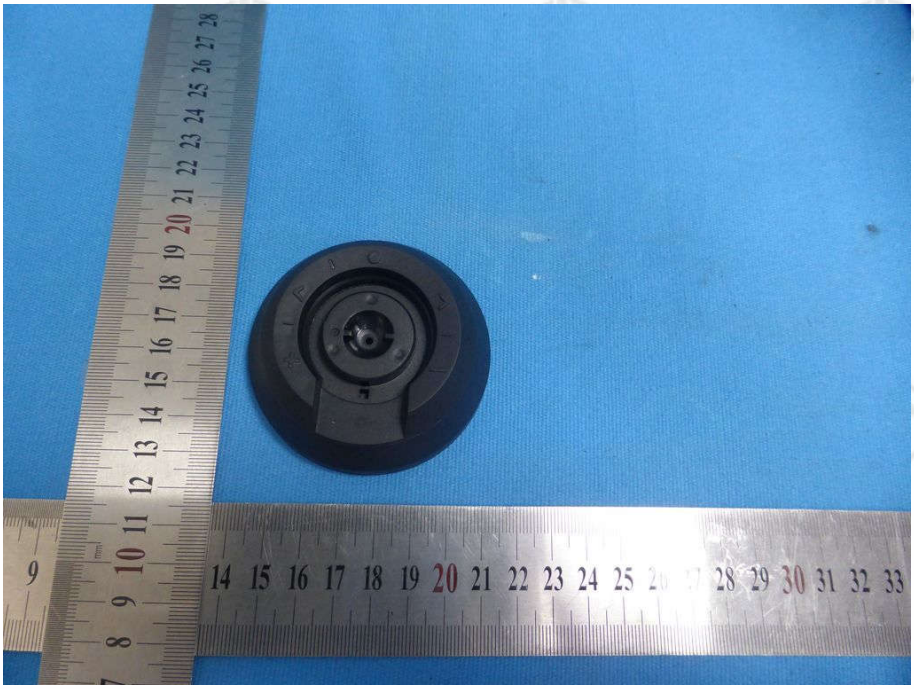
View of Product-24



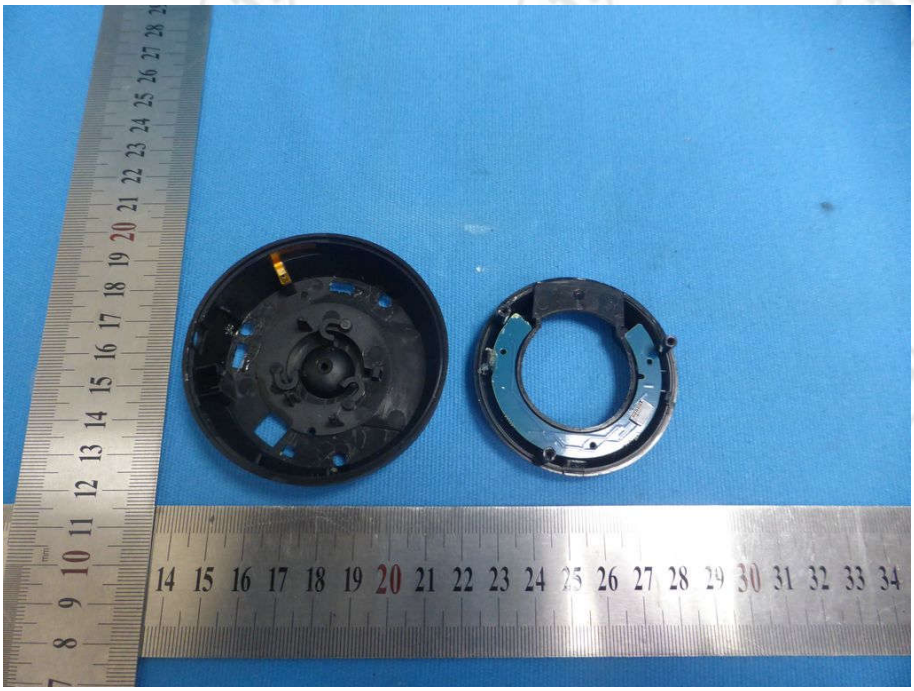
View of Product-25



View of Product-26



View of Product-27



View of Product-28

View of Product-29

View of Product-30

View of Product-31

*** End of Report ***

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