Worse case mode:		GFSK(1-DH5)		Test channel:		Highest			
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
3072.770	33.53	5.61	44.69	45.44	39.89	74.00	-34.11	Pass	Horizontal
3728.625	33.00	5.48	44.62	44.83	38.69	74.00	-35.31	Pass	Horizontal
4421.992	33.83	5.26	44.60	46.29	40.78	74.00	-33.22	Pass	Horizontal
4960.000	35.02	5.05	44.60	43.82	39.29	74.00	-34.71	Pass	Horizontal
7440.000	36.45	6.88	44.97	42.07	40.43	74.00	-33.57	Pass	Horizontal
9920.000	38.22	7.47	45.52	41.92	42.09	74.00	-31.91	Pass	Horizontal
1973.201	31.66	3.21	43.52	43.78	35.13	74.00	-38.87	Pass	Vertical
2846.851	33.35	5.31	44.54	44.20	38.32	74.00	-35.68	Pass	Vertical
3709.691	33.01	5.49	44.63	43.91	37.78	74.00	-36.22	Pass	Vertical
4960.000	35.02	5.05	44.60	44.74	40.21	74.00	-33.79	Pass	Vertical
7440.000	36.45	6.88	44.97	41.20	39.56	74.00	-34.44	Pass	Vertical
9920.000	38.22	7.47	45.52	39.66	39.83	74.00	-34.17	Pass	Vertical

Worse case mode:		π/4DQPSK(2-DH5)		Test channel:		Lowest			
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
2712.439	33.13	5.03	44.40	43.32	37.08	74.00	-36.92	Pass	Horizontal
3200.502	33.42	5.58	44.68	42.98	37.30	74.00	-36.70	Pass	Horizontal
3747.656	32.98	5.48	44.62	43.90	37.74	74.00	-36.26	Pass	Horizontal
4804.000	34.69	5.11	44.60	41.45	36.65	74.00	-37.35	Pass	Horizontal
7206.000	36.42	6.66	44.77	40.21	38.52	74.00	-35.48	Pass	Horizontal
9608.000	37.88	7.73	45.58	39.51	39.54	74.00	-34.46	Pass	Horizontal
2883.316	33.41	5.39	44.58	42.74	36.96	74.00	-37.04	Pass	Vertical
3747.656	32.98	5.48	44.62	43.50	37.34	74.00	-36.66	Pass	Vertical
4213.211	33.34	5.35	44.60	44.94	39.03	74.00	-34.97	Pass	Vertical
4804.000	34.69	5.11	44.60	39.29	34.49	74.00	-39.51	Pass	Vertical
7206.000	36.42	6.66	44.77	40.09	38.40	74.00	-35.60	Pass	Vertical
9608.000	37.88	7.73	45.58	40.20	40.23	74.00	-33.77	Pass	Vertical

Worse case mode:		π/4DQPSK(2-DH5)		Test channel:		Middle			
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
2775.298	33.24	5.16	44.47	41.85	35.78	74.00	-38.22	Pass	Horizontal
3359.099	33.29	5.55	44.66	43.21	37.39	74.00	-36.61	Pass	Horizontal
4202.500	33.31	5.35	44.60	42.58	36.64	74.00	-37.36	Pass	Horizontal
4882.000	34.85	5.08	44.60	39.59	34.92	74.00	-39.08	Pass	Horizontal
7323.000	36.43	6.77	44.87	36.75	35.08	74.00	-38.92	Pass	Horizontal
9764.000	38.05	7.60	45.55	42.38	42.48	74.00	-31.52	Pass	Horizontal
2875.986	33.40	5.37	44.58	42.87	37.06	74.00	-36.94	Pass	Vertical
3757.208	32.97	5.48	44.62	44.61	38.44	74.00	-35.56	Pass	Vertical
4202.500	33.31	5.35	44.60	44.43	38.49	74.00	-35.51	Pass	Vertical
4882.000	34.85	5.08	44.60	41.45	36.78	74.00	-37.22	Pass	Vertical
7323.000	36.43	6.77	44.87	39.83	38.16	74.00	-35.84	Pass	Vertical
9764.000	38.05	7.60	45.55	42.87	42.97	74.00	-31.03	Pass	Vertical

Worse case mode:		π/4DQPSK(2-DH5)		Test channel:		Highest			
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
1958.189	31.64	3.20	43.54	43.89	35.19	74.00	-38.81	Pass	Horizontal
3192.366	33.43	5.58	44.68	43.53	37.86	74.00	-36.14	Pass	Horizontal
3776.385	32.96	5.48	44.62	44.08	37.90	74.00	-36.10	Pass	Horizontal
4960.000	35.02	5.05	44.60	42.18	37.65	74.00	-36.35	Pass	Horizontal
7440.000	36.45	6.88	44.97	42.05	40.41	74.00	-33.59	Pass	Horizontal
9920.000	38.22	7.47	45.52	39.91	40.08	74.00	-33.92	Pass	Horizontal
2875.986	33.40	5.37	44.58	43.79	37.98	74.00	-36.02	Pass	Vertical
3241.498	33.38	5.57	44.67	44.39	38.67	74.00	-35.33	Pass	Vertical
4234.716	33.39	5.34	44.60	45.01	39.14	74.00	-34.86	Pass	Vertical
4960.000	35.02	5.05	44.60	46.40	41.87	74.00	-32.13	Pass	Vertical
7440.000	36.45	6.88	44.97	39.05	37.41	74.00	-36.59	Pass	Vertical
9920.000	38.22	7.47	45.52	41.01	41.18	74.00	-32.82	Pass	Vertical

Worse case mode:		8DPSK(3-DH5)		Test channel:		Lowest			
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
2832.394	33.33	5.28	44.53	44.73	38.81	74.00	-35.19	Pass	Horizontal
3359.099	33.29	5.55	44.66	45.41	39.59	74.00	-34.41	Pass	Horizontal
3757.208	32.97	5.48	44.62	46.70	40.53	74.00	-33.47	Pass	Horizontal
4882.000	34.85	5.08	44.60	41.67	37.00	74.00	-37.00	Pass	Horizontal
7323.000	36.43	6.77	44.87	40.04	38.37	74.00	-35.63	Pass	Horizontal
9764.000	38.05	7.60	45.55	42.99	43.09	74.00	-30.91	Pass	Horizontal
2883.316	33.41	5.39	44.58	44.65	38.87	74.00	-35.13	Pass	Vertical
3776.385	32.96	5.48	44.62	47.24	41.06	74.00	-32.94	Pass	Vertical
4149.351	33.18	5.37	44.60	42.61	36.56	74.00	-37.44	Pass	Vertical
4804.000	34.69	5.11	44.60	46.84	42.04	74.00	-31.96	Pass	Vertical
7206.000	36.42	6.66	44.77	41.65	39.96	74.00	-34.04	Pass	Vertical
9608.000	37.88	7.73	45.58	41.53	41.56	74.00	-32.44	Pass	Vertical

Worse case mode:		8DPSK(3-DH5)		Test channel:		Middle			
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
2810.846	33.29	5.24	44.51	44.42	38.44	74.00	-35.56	Pass	Horizontal
3393.477	33.26	5.54	44.66	44.21	38.35	74.00	-35.65	Pass	Horizontal
3700.260	33.02	5.49	44.63	44.80	38.68	74.00	-35.32	Pass	Horizontal
4882.000	34.85	5.08	44.60	41.05	36.38	74.00	-37.62	Pass	Horizontal
7323.000	36.43	6.77	44.87	40.07	38.40	74.00	-35.60	Pass	Horizontal
9764.000	38.05	7.60	45.55	42.20	42.30	74.00	-31.70	Pass	Horizontal
2832.394	33.33	5.28	44.53	43.49	37.57	74.00	-36.43	Pass	Vertical
3367.661	33.28	5.55	44.66	44.55	38.72	74.00	-35.28	Pass	Vertical
4256.330	33.44	5.33	44.60	45.18	39.35	74.00	-34.65	Pass	Vertical
4882.000	34.85	5.08	44.60	41.26	36.59	74.00	-37.41	Pass	Vertical
7323.000	36.43	6.77	44.87	40.19	38.52	74.00	-35.48	Pass	Vertical
9764.000	38.05	7.60	45.55	42.68	42.78	74.00	-31.22	Pass	Vertical

Worse case mode:		8DPSK(3-DH5)		Test channel:		Highest			
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
2898.032	33.44	5.42	44.60	43.59	37.85	74.00	-36.15	Pass	Horizontal
3367.661	33.28	5.55	44.66	44.34	38.51	74.00	-35.49	Pass	Horizontal
4223.950	33.36	5.34	44.60	44.15	38.25	74.00	-35.75	Pass	Horizontal
4960.000	35.02	5.05	44.60	40.91	36.38	74.00	-37.62	Pass	Horizontal
7440.000	36.45	6.88	44.97	41.35	39.71	74.00	-34.29	Pass	Horizontal
9920.000	38.22	7.47	45.52	41.12	41.29	74.00	-32.71	Pass	Horizontal
2818.011	33.31	5.25	44.51	45.23	39.28	74.00	-34.72	Pass	Vertical
3359.099	33.29	5.55	44.66	46.53	40.71	74.00	-33.29	Pass	Vertical
4234.716	33.39	5.34	44.60	44.45	38.58	74.00	-35.42	Pass	Vertical
4960.000	35.02	5.05	44.60	44.40	39.87	74.00	-34.13	Pass	Vertical
7440.000	36.45	6.88	44.97	41.58	39.94	74.00	-34.06	Pass	Vertical
9920.000	38.22	7.47	45.52	38.75	38.92	74.00	-35.08	Pass	Vertical

Note:

1) Through Pre-scan transmitting mode with all kind of modulation and all kind of data type, find the DH5 of data type is the worse case of GFSK modulation type in charge + transmitter mode.

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

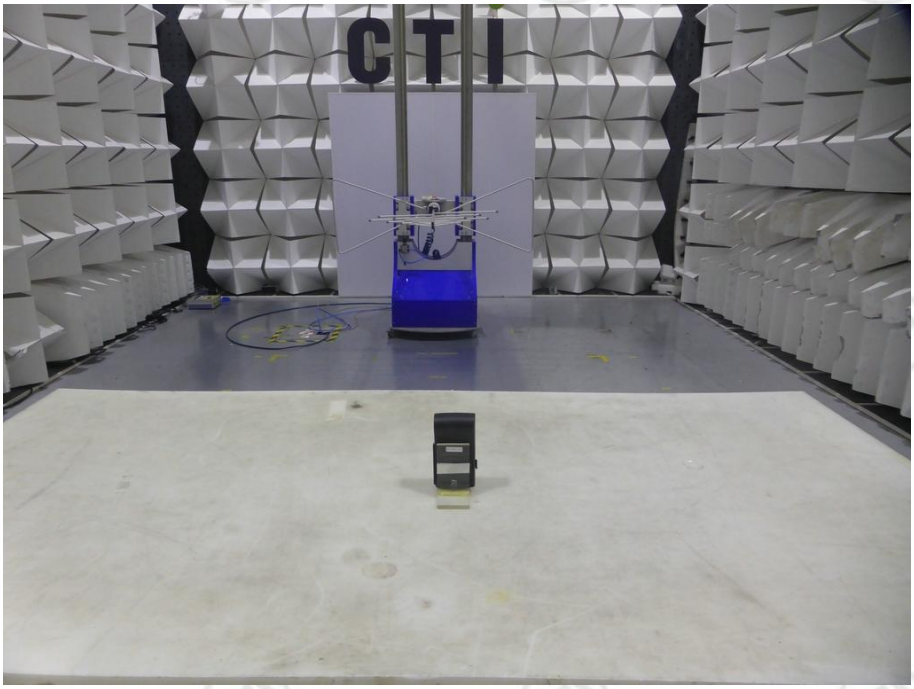
Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

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.

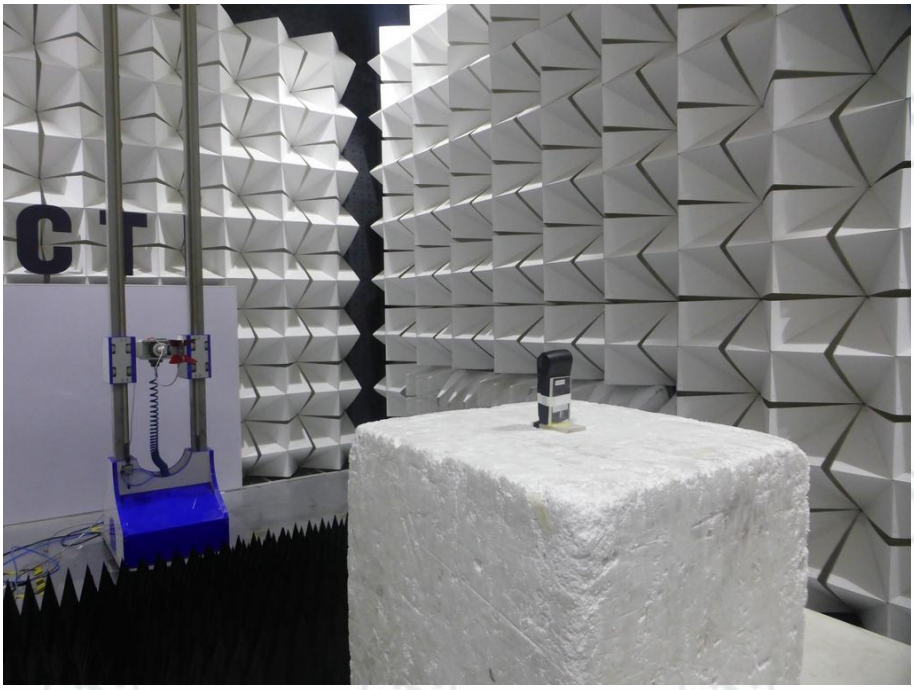
APPENDIX 1 PHOTOGRAPHS OF TEST SETUP

Test model No.: WPP23

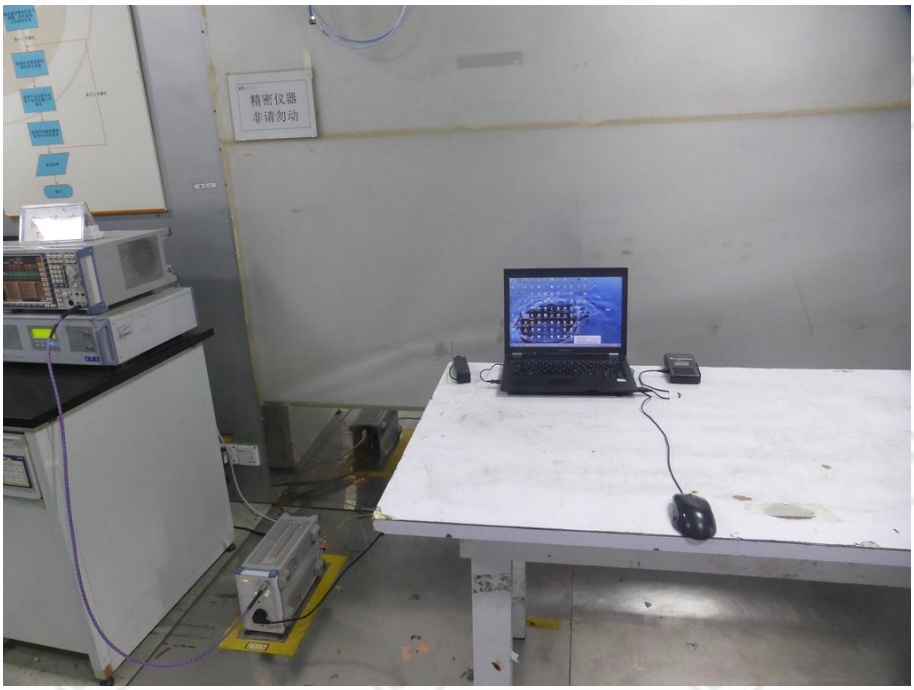
Radiated spurious emission Test Setup-1(9kHz-30MHz)



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



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



Conducted Emissions Test Setup

APPENDIX 2 PHOTOGRAPHS OF EUT

Test model No.: WPP23

View of Product-1

View of Product-2

View of Product-3

View of Product-4

View of Product-5

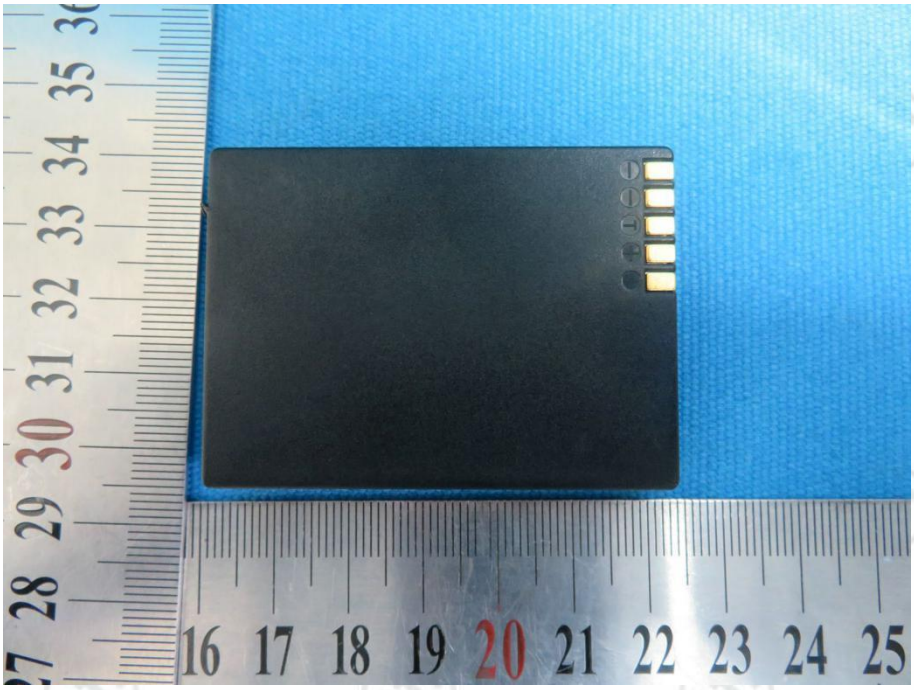
View of Product-6

View of Product-7

View of Product-8

View of Product-9

View of Product-10



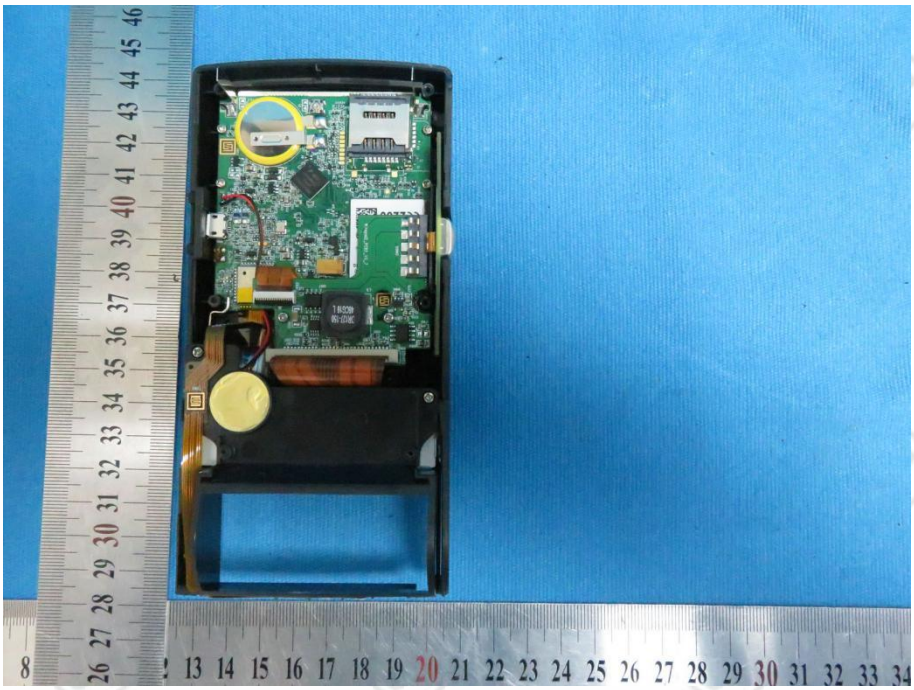
View of Product-11

View of Product-12

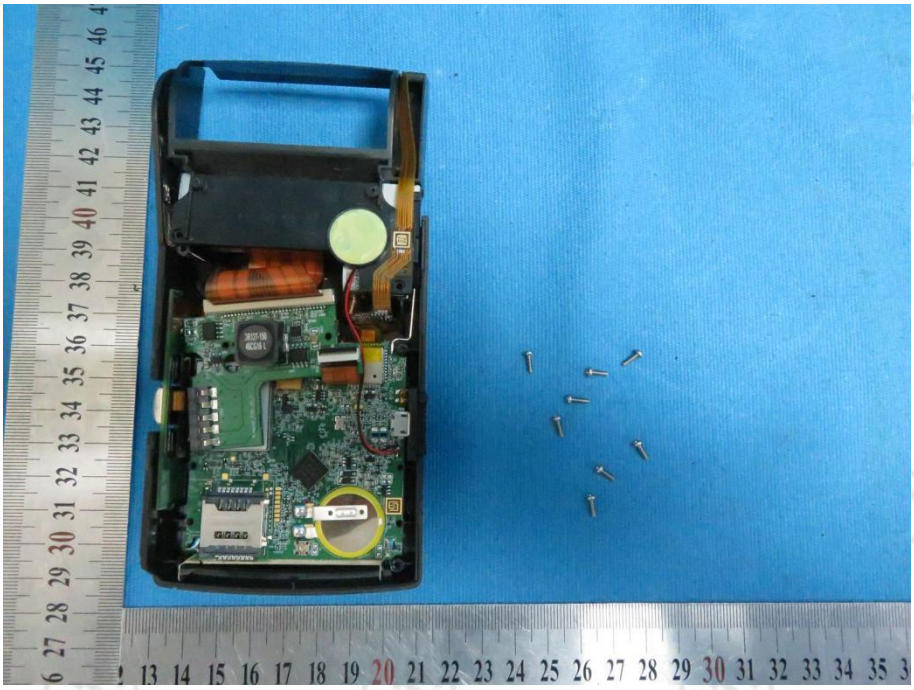
View of Product-13

View of Product-14

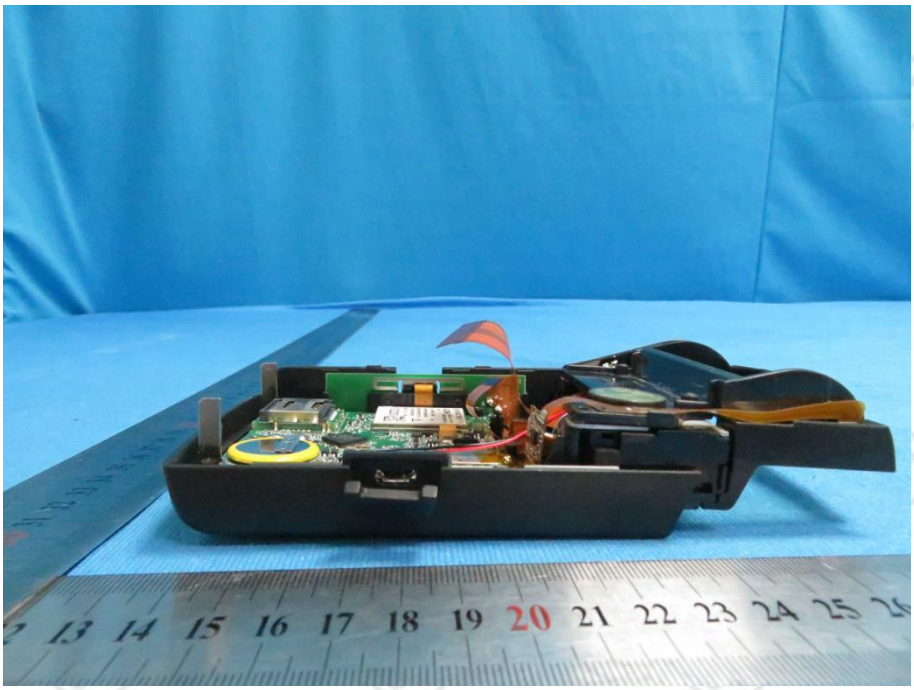
View of Product-15



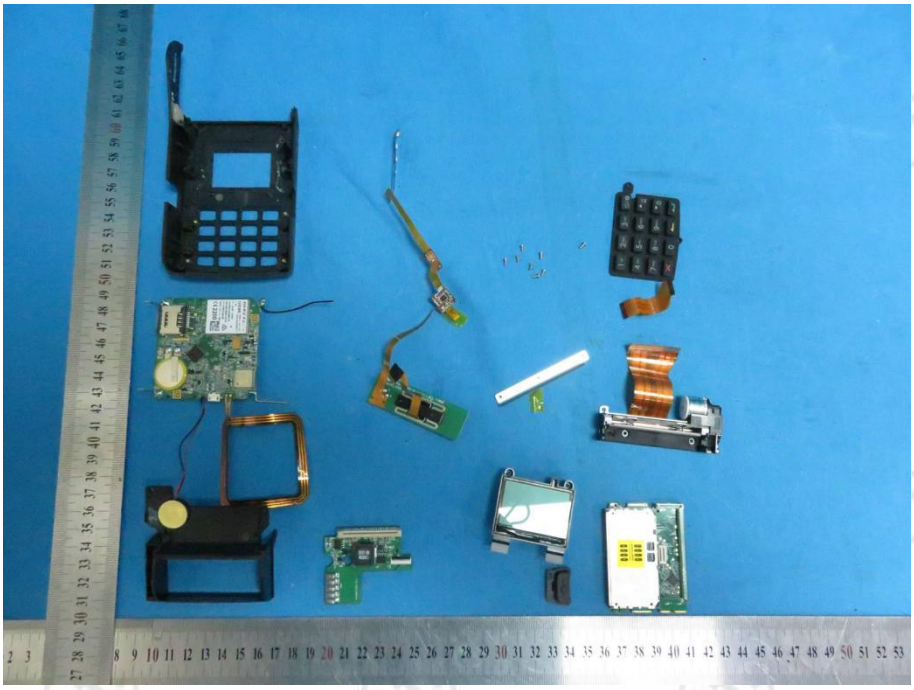
View of Product-16



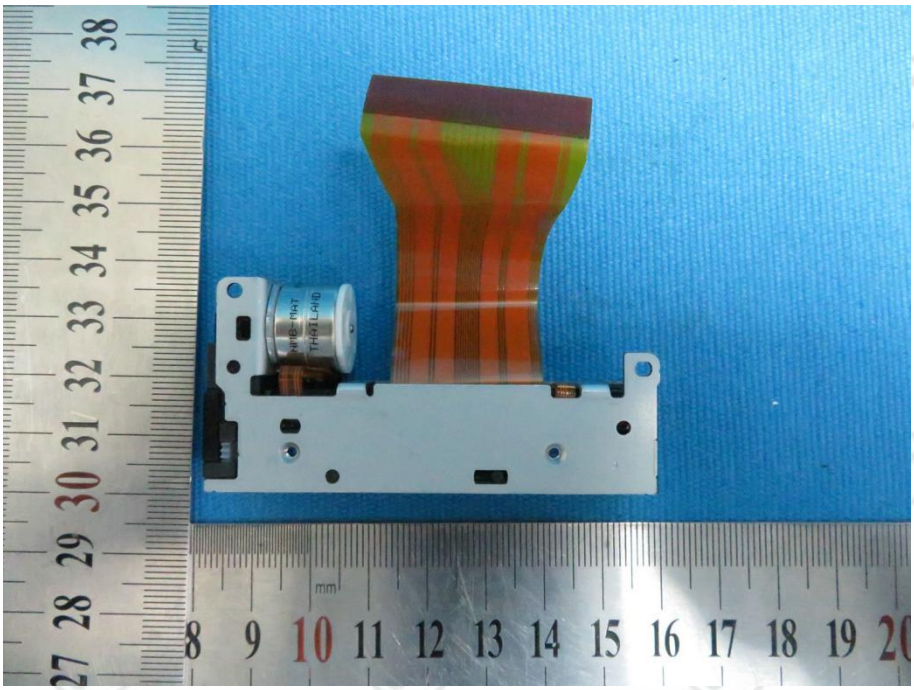
View of Product-17



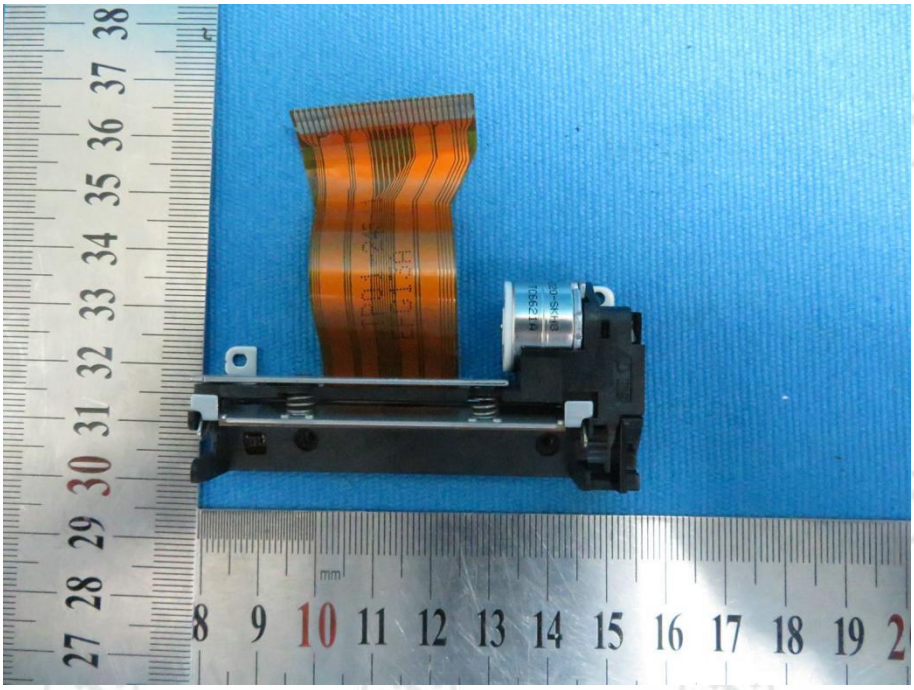
View of Product-18



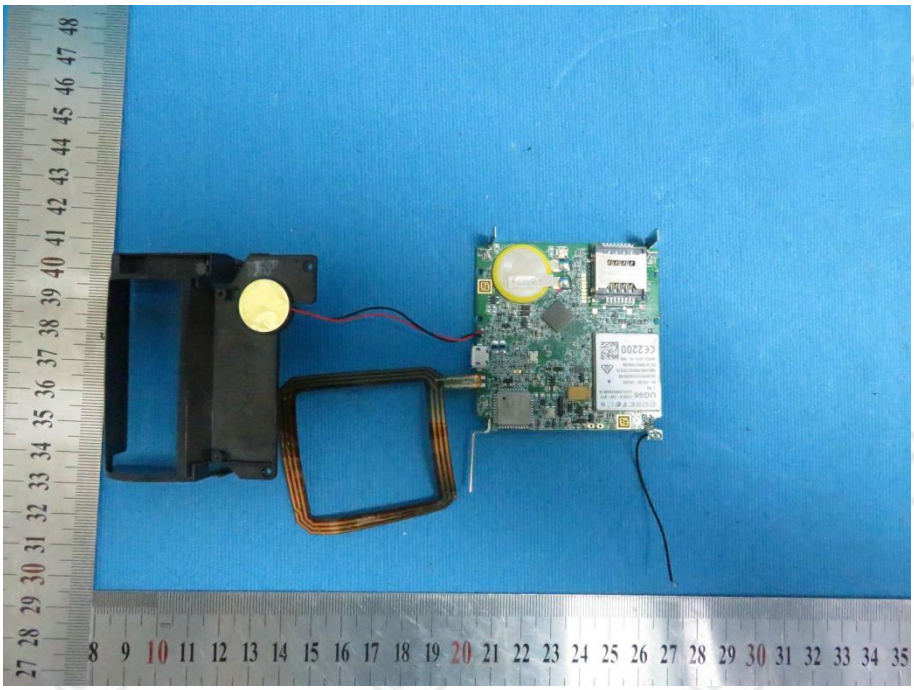
View of Product-19



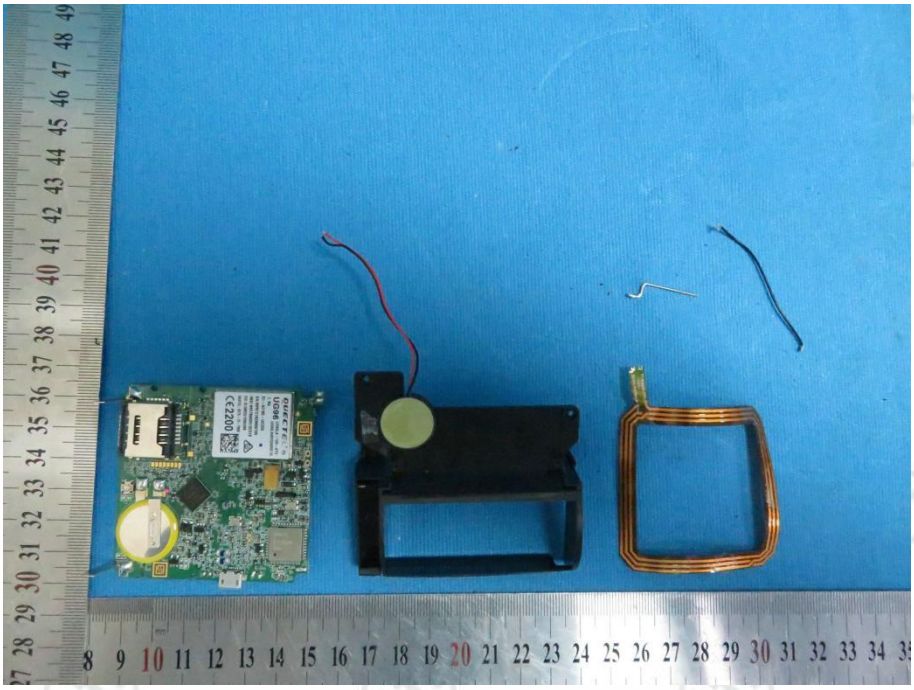
View of Product-20



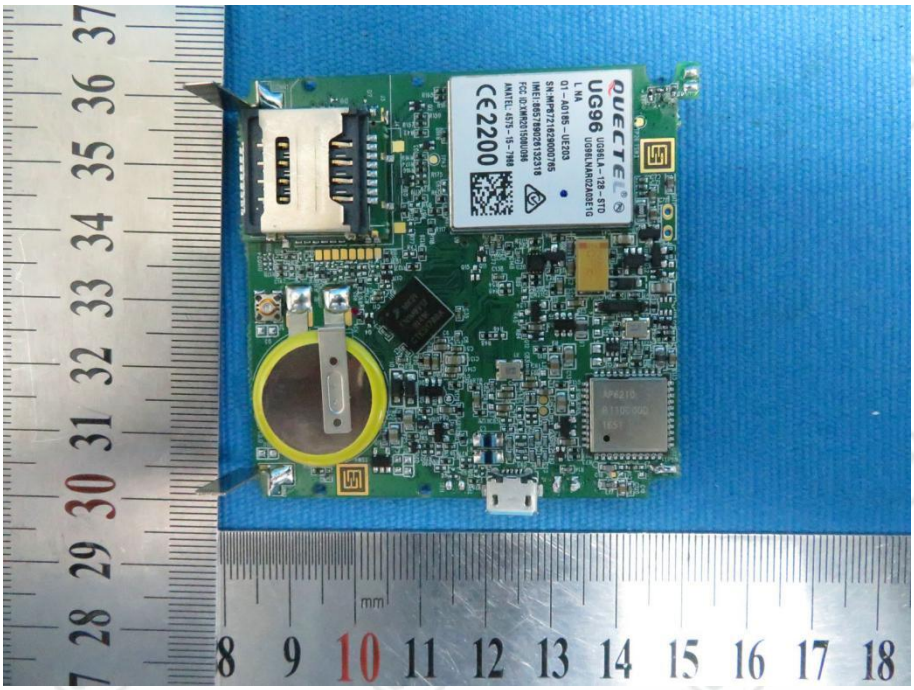
View of Product-21



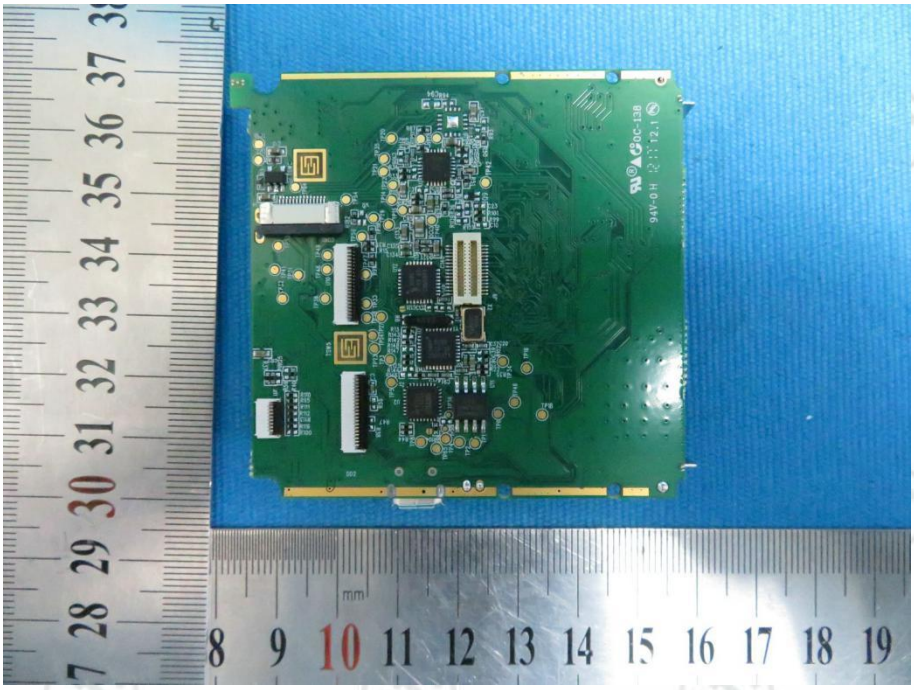
View of Product-22



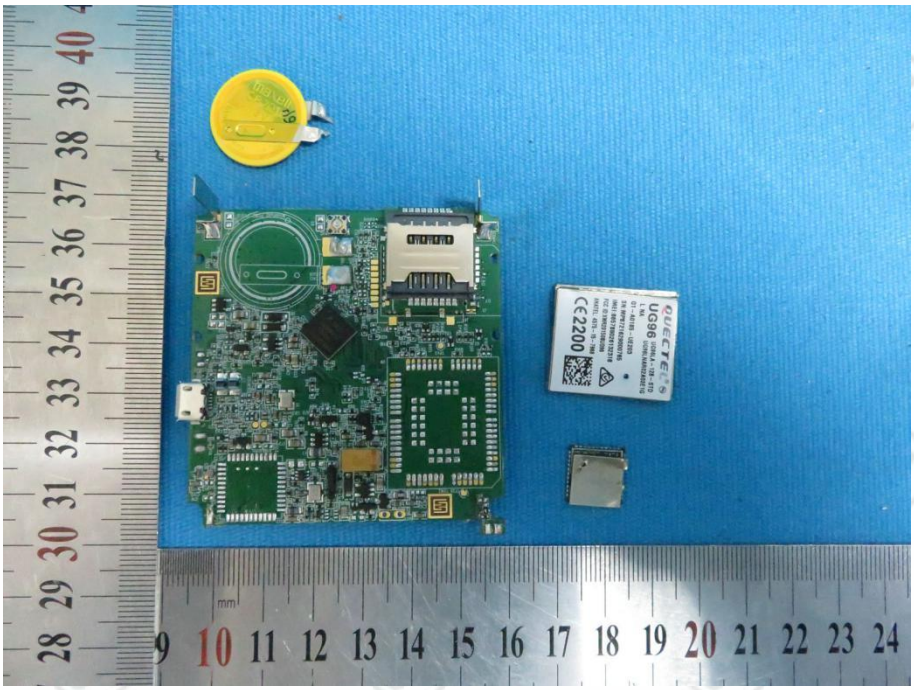
View of Product-23



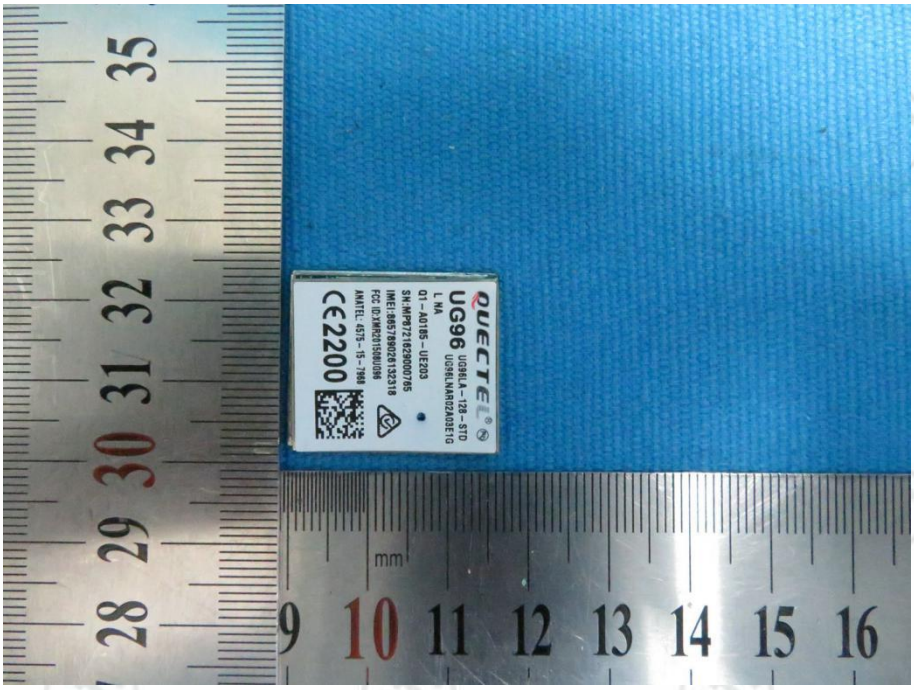
View of Product-24



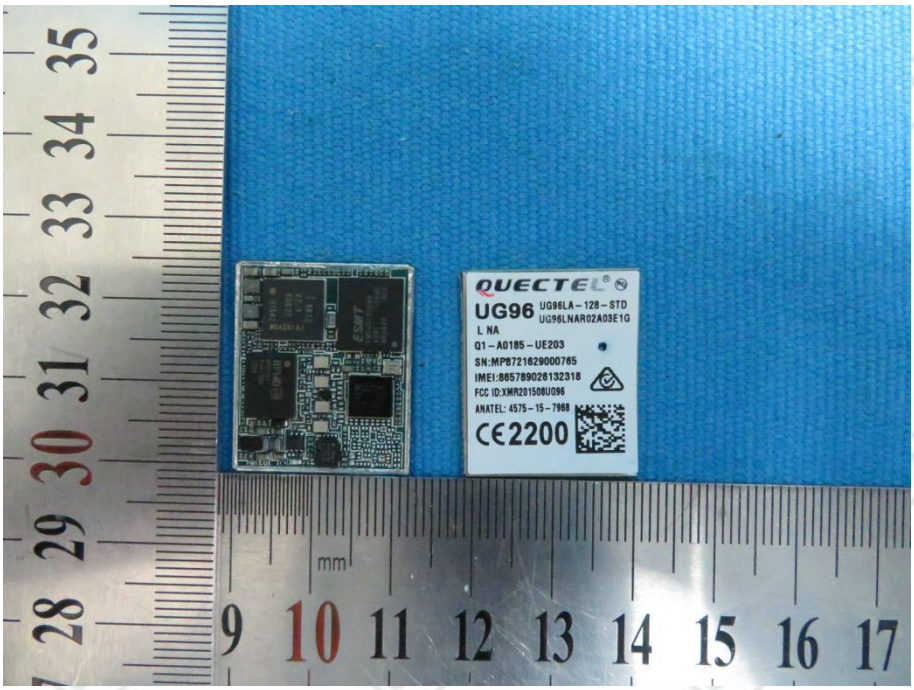
View of Product-25



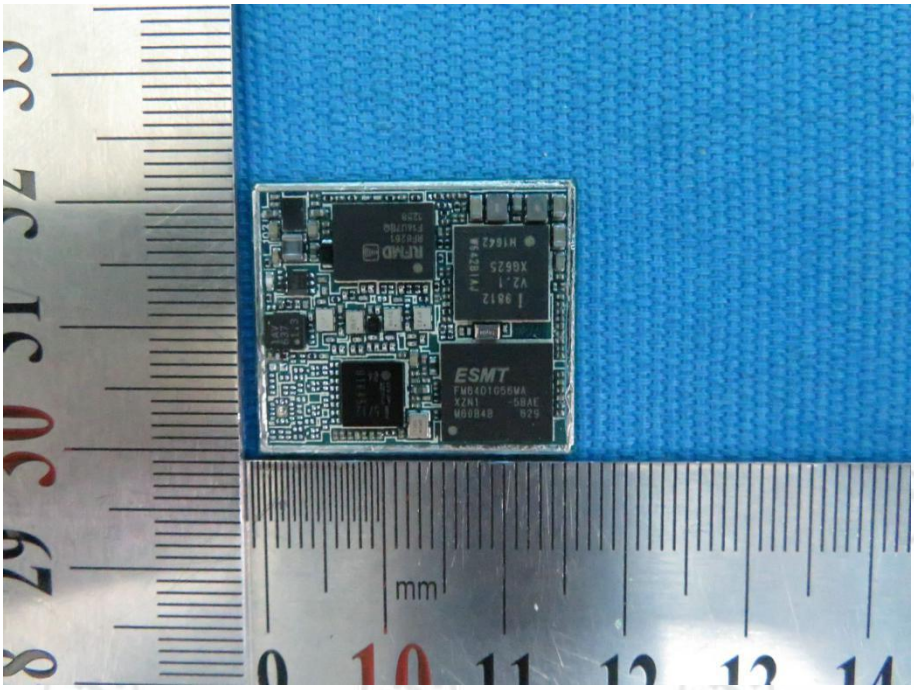
View of Product-26



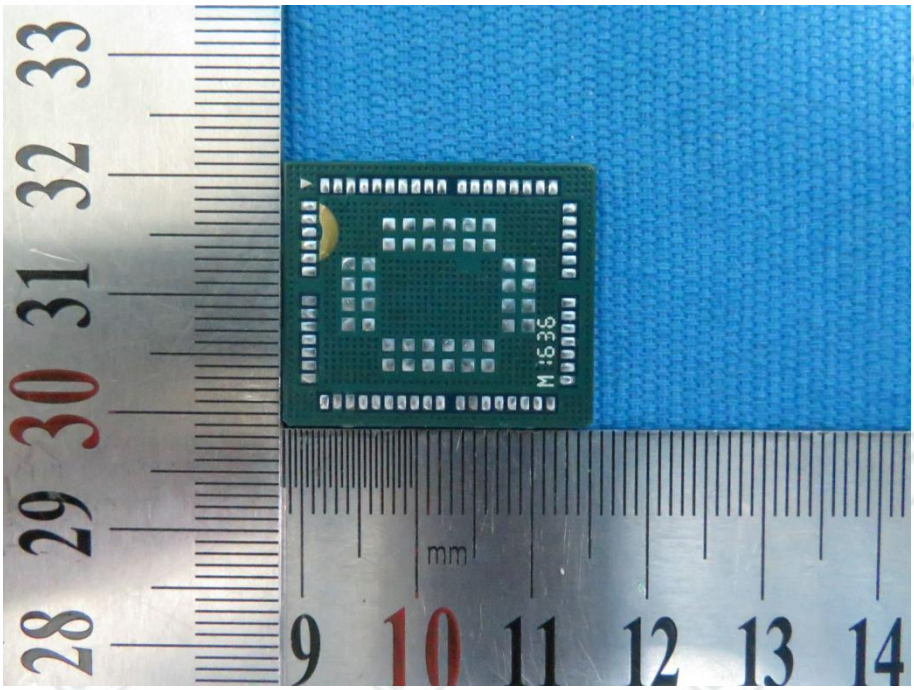
View of Product-27



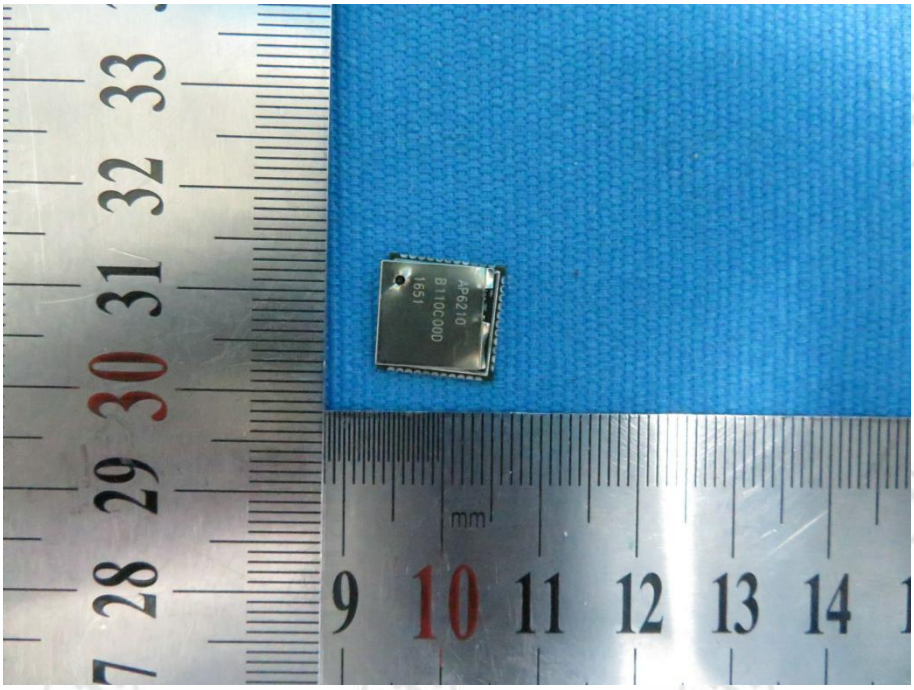
View of Product-28



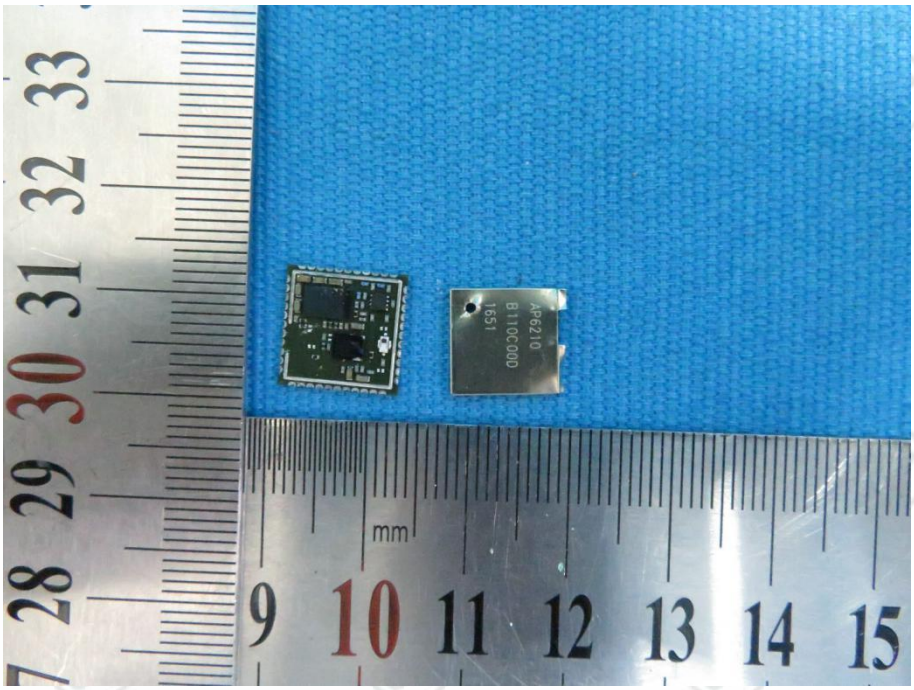
View of Product-29



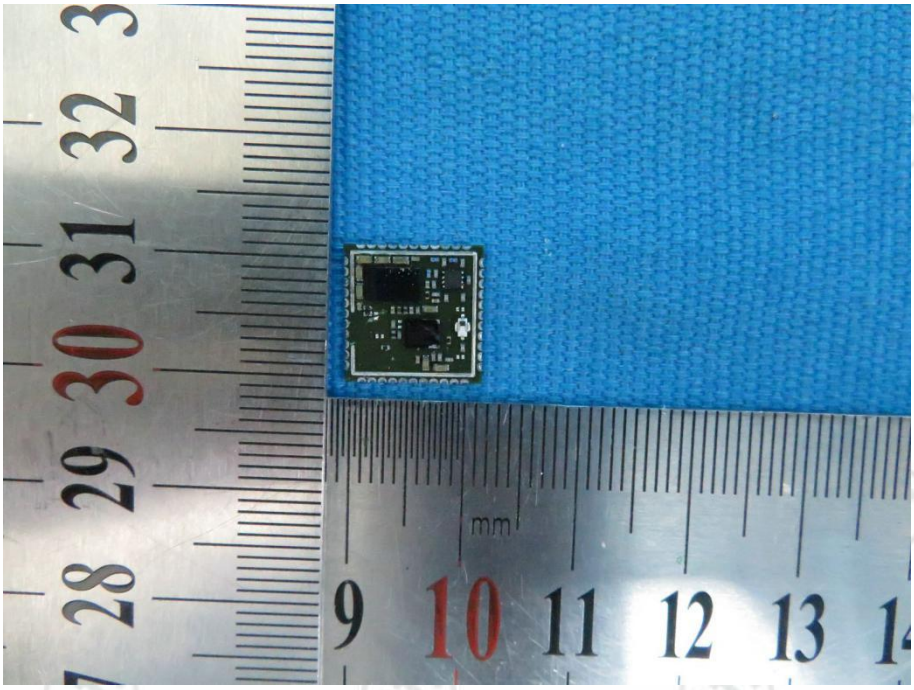
View of Product-30



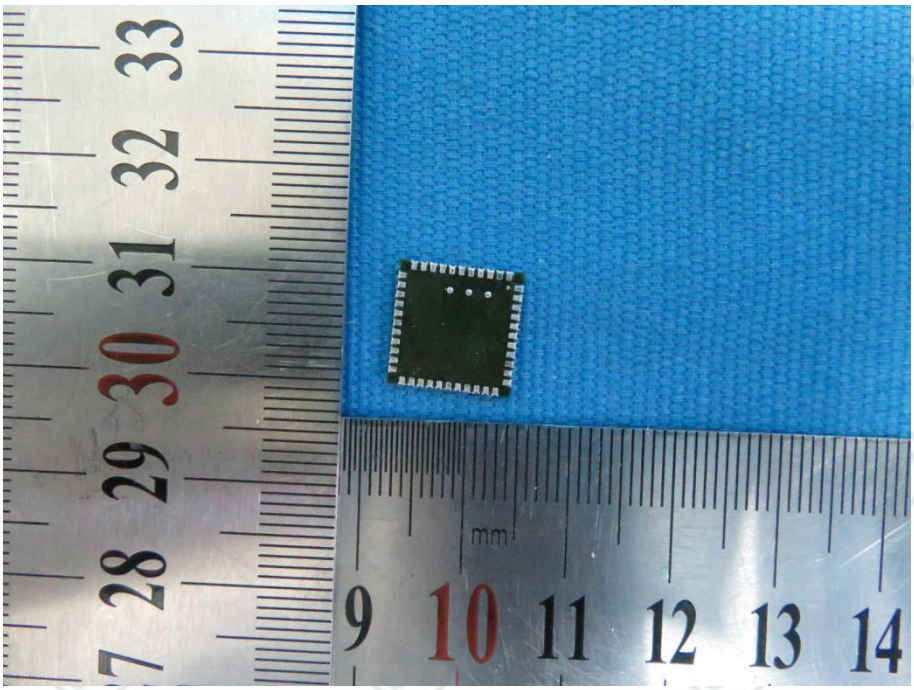
View of Product-31



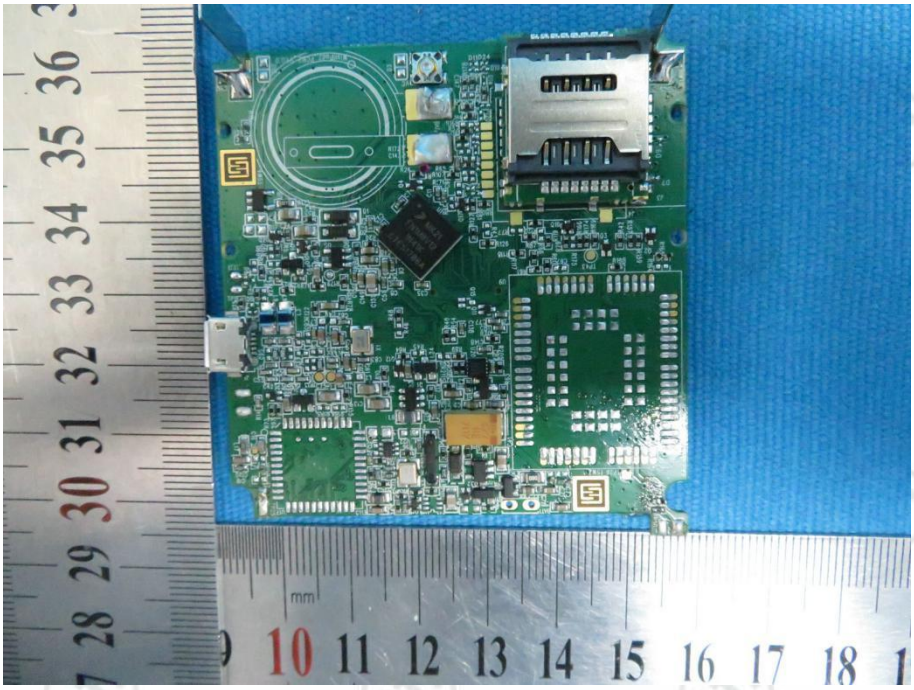
View of Product-32



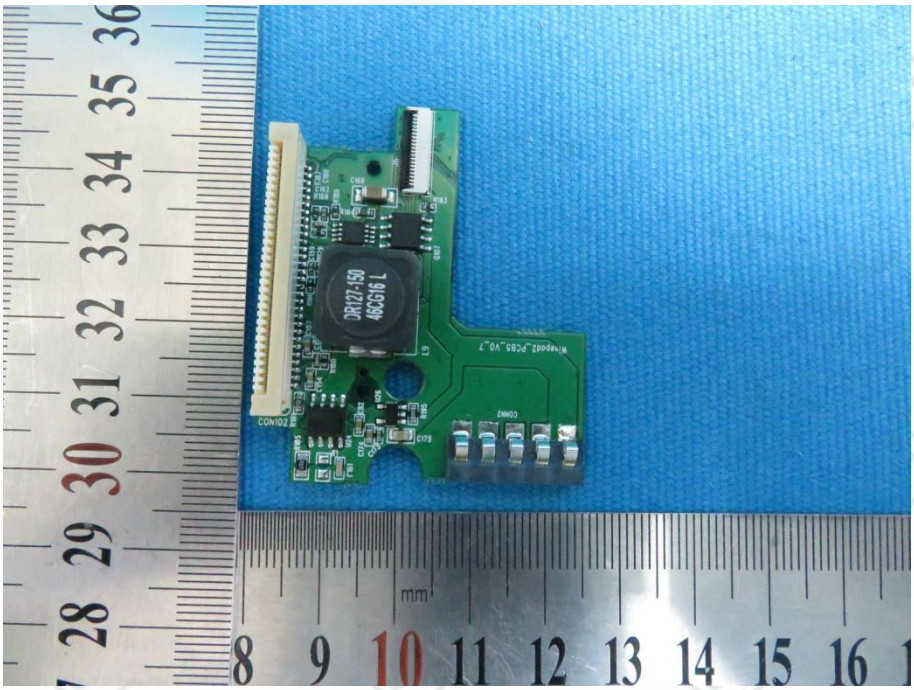
View of Product-33



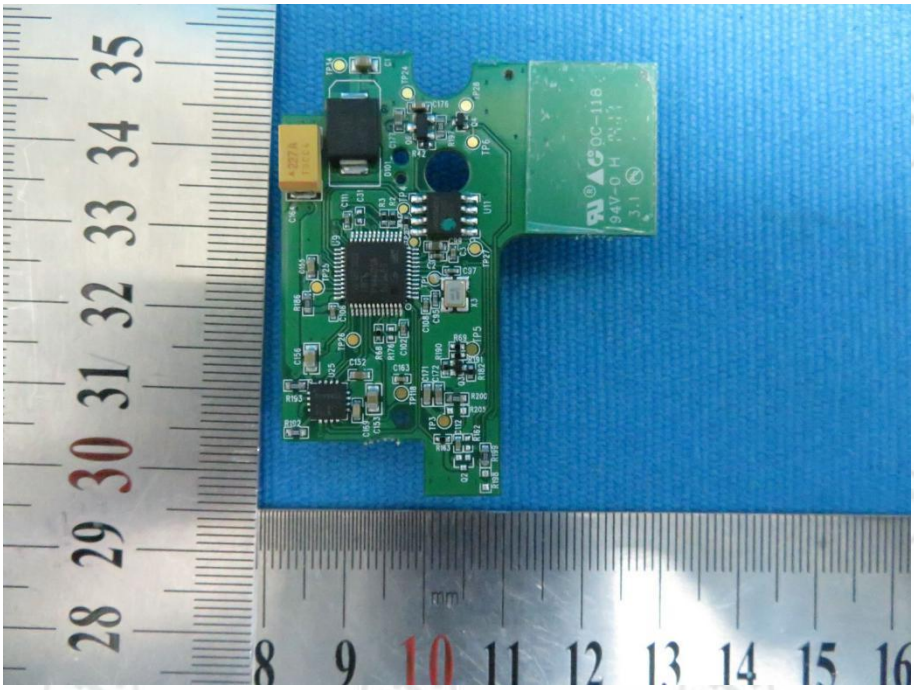
View of Product-34



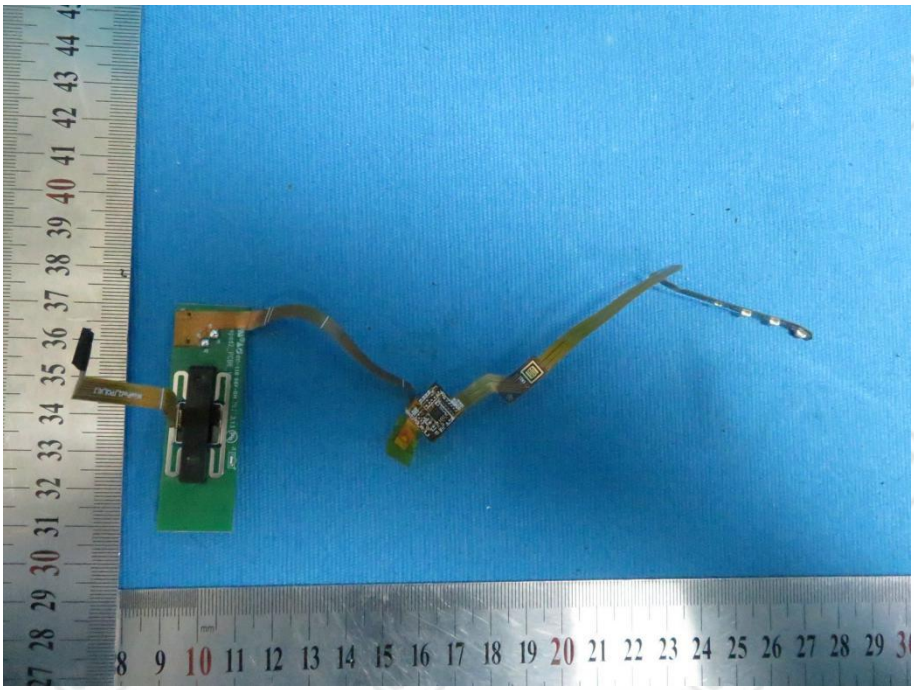
View of Product-35



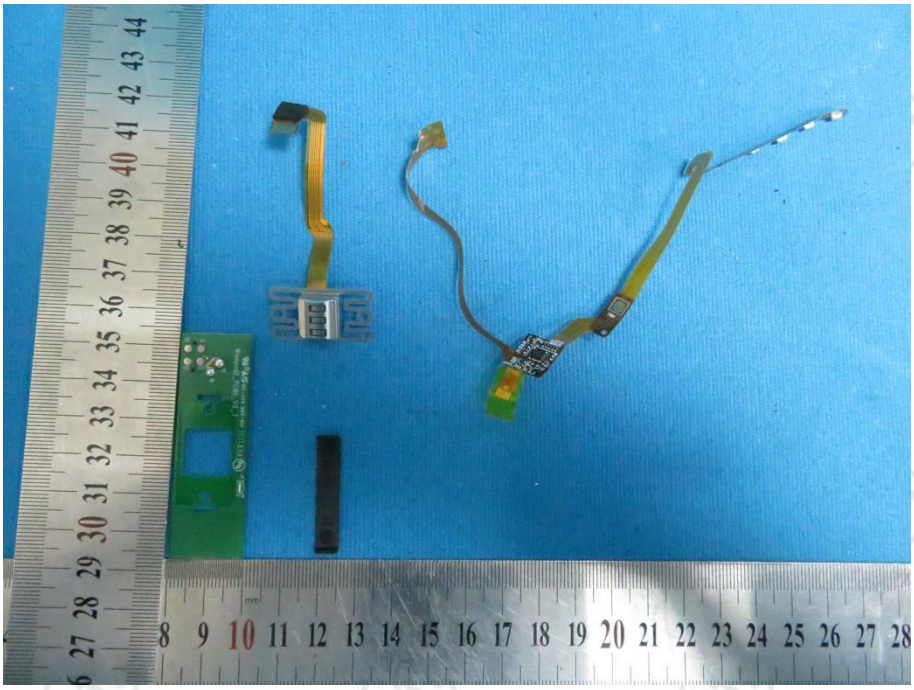
View of Product-36



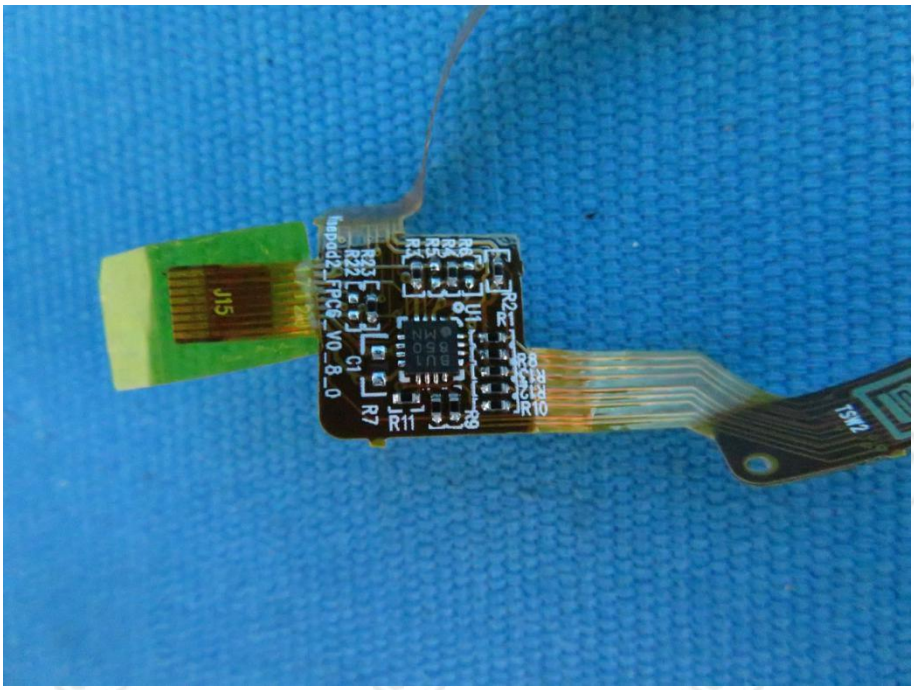
View of Product-37



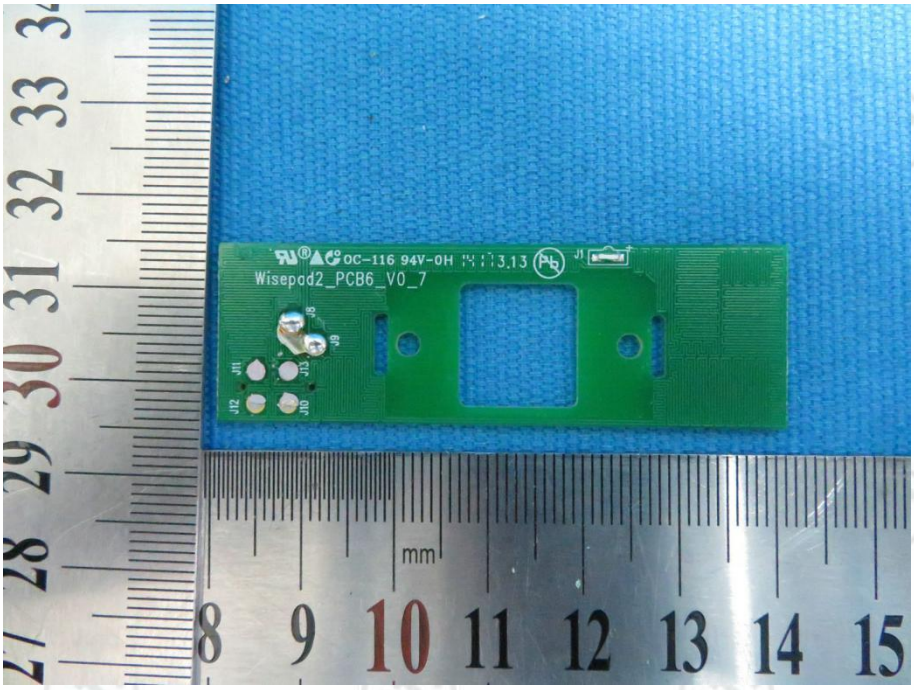
View of Product-38



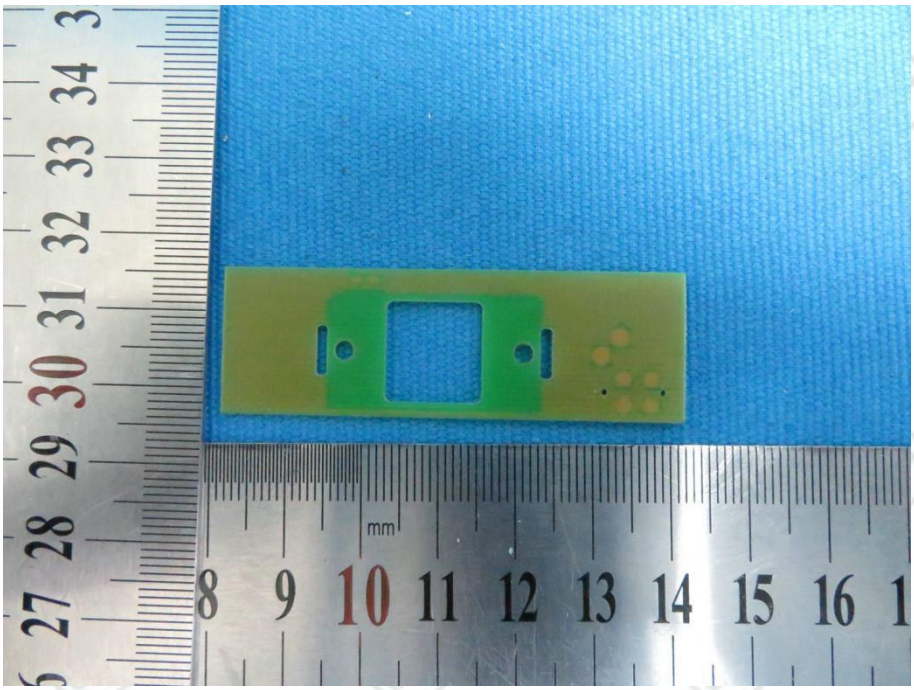
View of Product-39



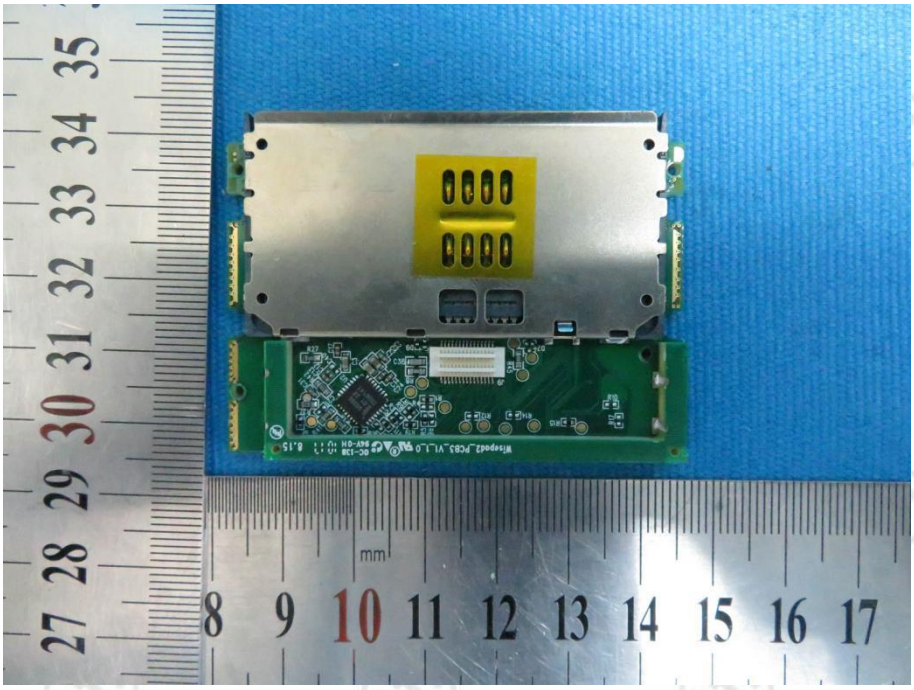
View of Product-40



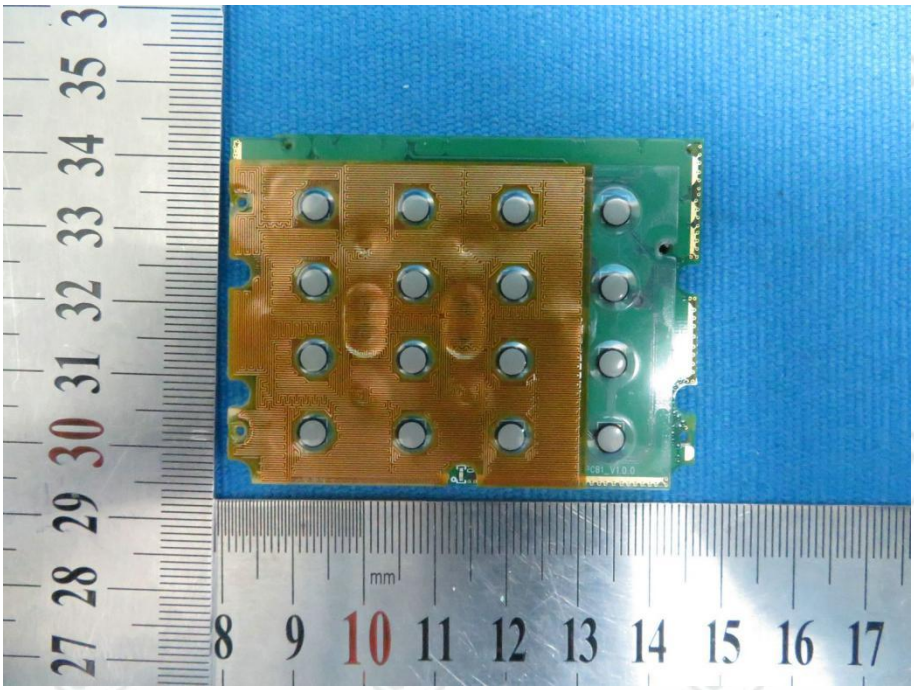
View of Product-41



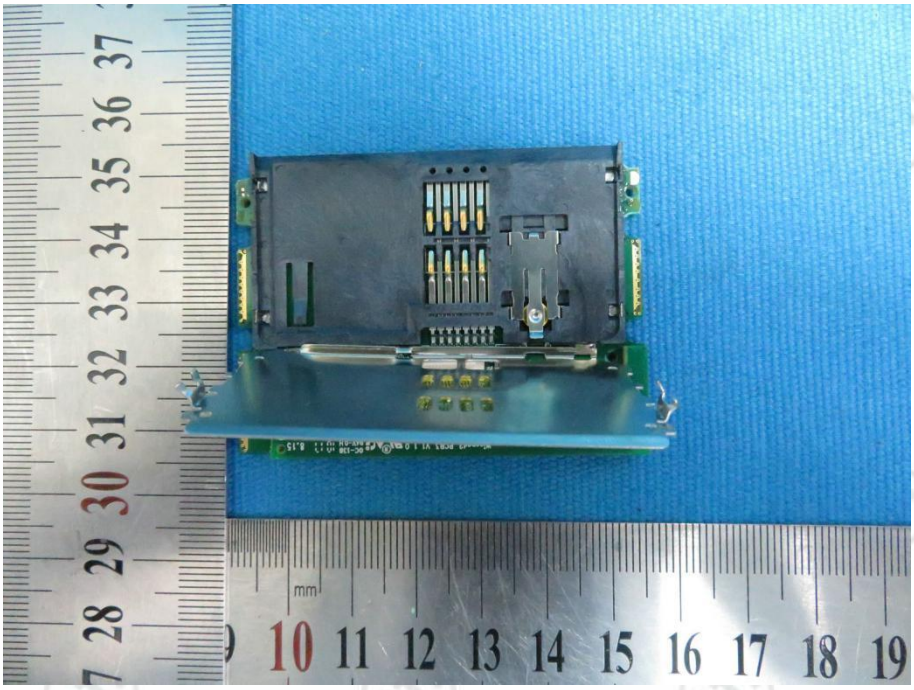
View of Product-42



View of Product-43



View of Product-44



View of Product-45

*** End of Report ***