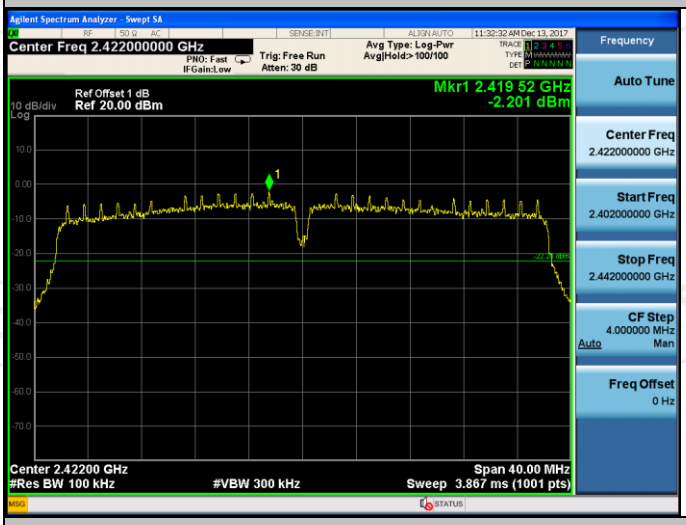
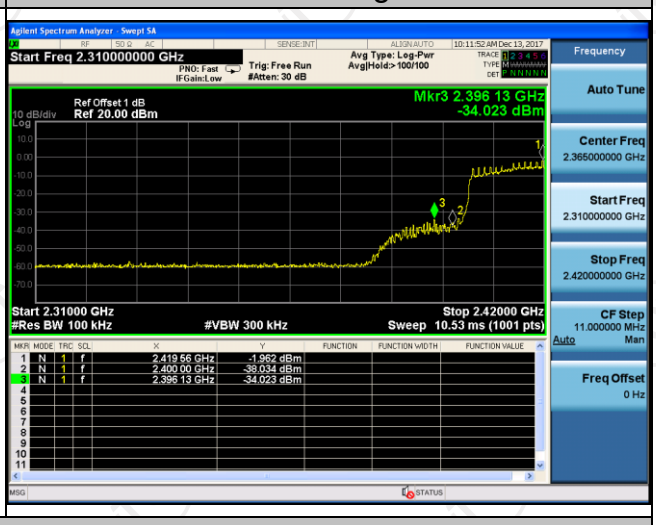
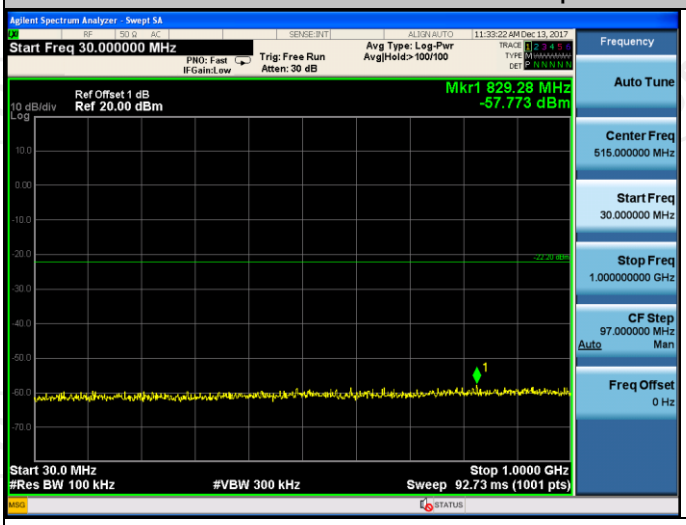
802.11n (HT40) Modulation

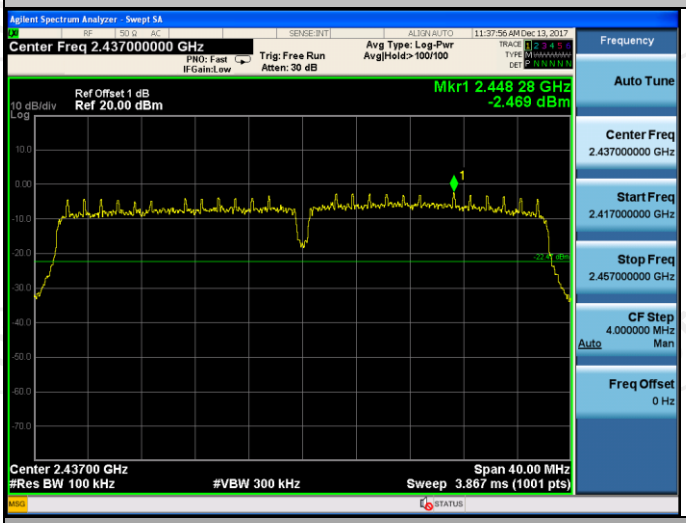
100kHz PSD reference Level	Band Edge
	

Spurious emission

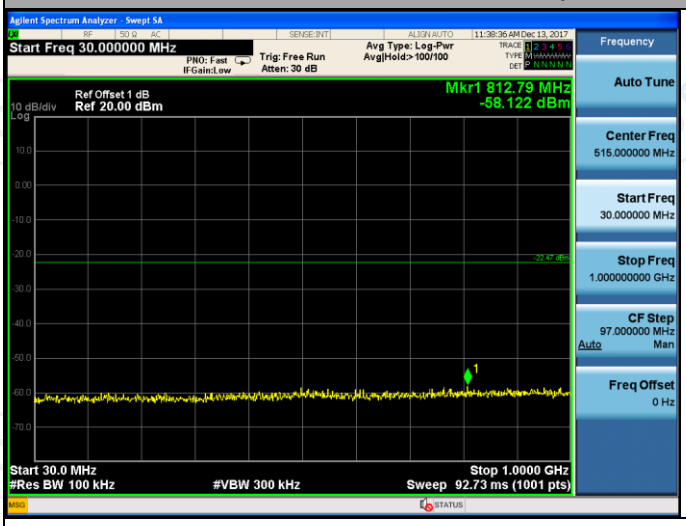


Lowest Channel

100kHz PSD reference Level

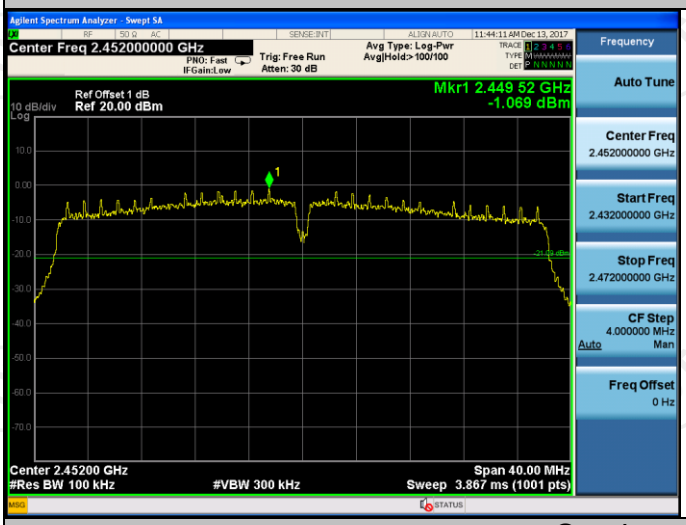


Spurious emission



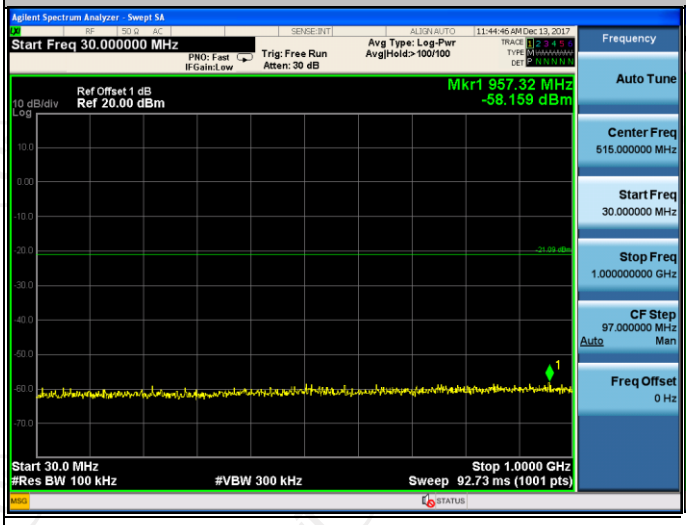
Middle Channel

100kHz PSD reference Level



Band Edge

Spurious emission



6.6. Radiated Spurious Emission Measurement

6.6.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.209
Test Method:	ANSI C63.10: 2013
Frequency Range:	9 kHz to 25 GHz
Measurement Distance:	3 m
Antenna Polarization:	Horizontal & Vertical
Operation mode:	Transmitting mode with modulation

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value
150kHz-30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value
30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
Above 1GHz	Peak	1MHz	3MHz	Peak Value
	Peak	1MHz	10Hz	Average Value

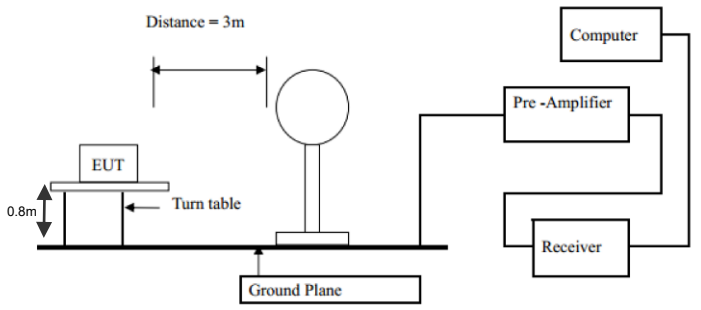
Limit:

Frequency	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(KHz)	300
0.490-1.705	24000/F(KHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

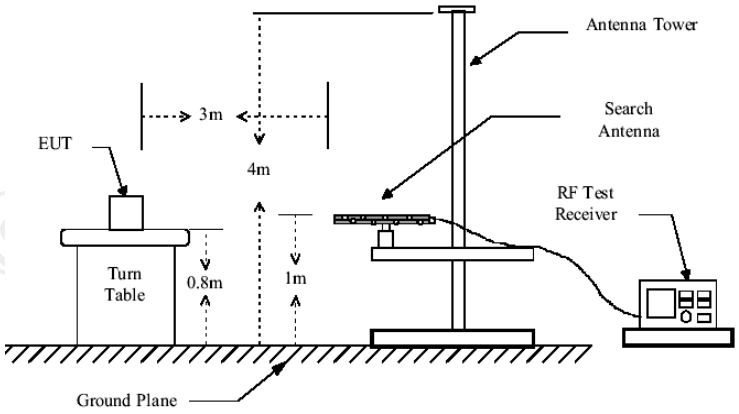
Frequency	Field Strength (microvolts/meter)	Measurement Distance (meters)	Detector
Above 1GHz	500	3	Average
	5000	3	Peak

Test setup:

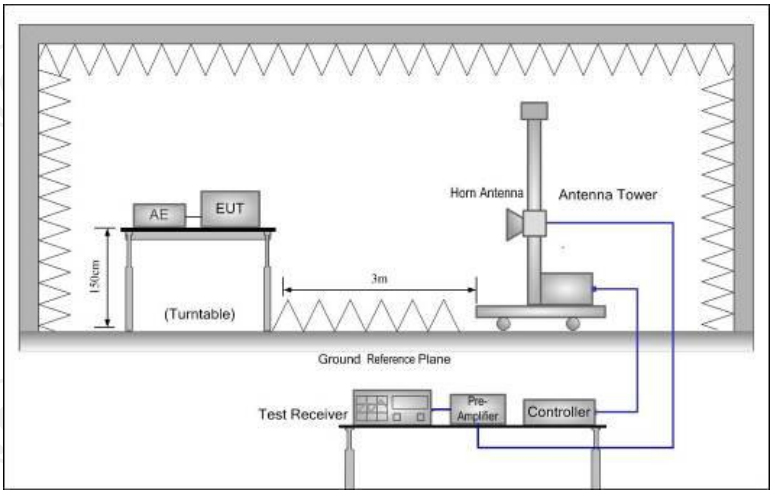
For radiated emissions below 30MHz



30MHz to 1GHz



Above 1GHz



Test Procedure:

1. For the radiated emission test below 1GHz:
   The EUT was placed on a turntable with 0.8 meter above ground. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high PASS filter are used for the test in order to get better signal level.
   For the radiated emission test above 1GHz:
   Place the measurement antenna on a turntable with 1.5 meter above ground, which is away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for

	receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane. 3. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level 4. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported. 5. Use the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥RBW; Sweep = auto; Detector function = peak; Trace = max hold; (3) Set RBW = 1 MHz, VBW= 3MHz for f □ 1 GHz for peak measurement. For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. VBW ≥1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Test results:	PASS

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

6.6.2. Test Instruments

Radiated Emission Test Site (966)				
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Due**
Test Receiver	ROHDE&SCHWARZ	ESVD	100008	Sep. 27, 2018
Spectrum Analyzer	ROHDE&SCHWARZ	FSQ	200061	Sep. 27, 2018
Pre-amplifier	EM Electronics Corporation CO.,LTD	EM30265	07032613	Sep. 27, 2018
Pre-amplifier	HP	8447D	2727A05017	Sep. 27, 2018
Loop antenna	ZHINAN	ZN30900A	12024	Sep. 27, 2018
Broadband Antenna	Schwarzbeck	VULB9163	340	Sep. 27, 2018
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Sep. 27, 2018
Horn Antenna	Schwarzbeck	BBH 9170	582	Jun. 07, 2018
Antenna Mast	Keleto	CC-A-4M	N/A	N/A
Coax cable (9KHz-1GHz)	TCT	RE-low-01	N/A	Sep. 27, 2018
Coax cable (9KHz-40GHz)	TCT	RE-high-02	N/A	Sep. 27, 2018
Coax cable (9KHz-1GHz)	TCT	RE-low-03	N/A	Sep. 27, 2018
Coax cable (9KHz-40GHz)	TCT	RE-high-04	N/A	Sep. 27, 2018
EMI Test Software	Shurple Technology	EZ-EMC	N/A	N/A

Note: *The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).*

6.6.3. Test Data

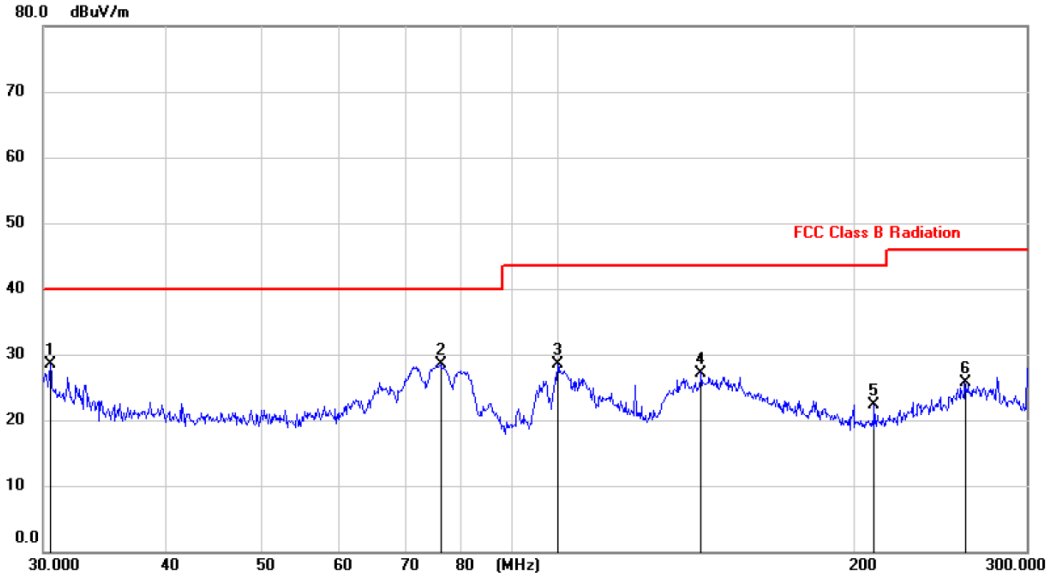
Please refer to following diagram for individual

Below 1GHz

Site LAB	Polarization: *Vertical*	Temperature: 23.9
Limit: FCC Class B Radiation	Power: AC 120/60Hz	Humidity: 46 %
EUT: Cloud Digital Photo Frame	Distance: 3m	
M/N: SF206		
Mode: Charging		
Note:		
Engineer Signature:		

Radiated Emission Measurement

File :SF206 Data :#1 Date: 2017/12/7 Time: 12:20:13



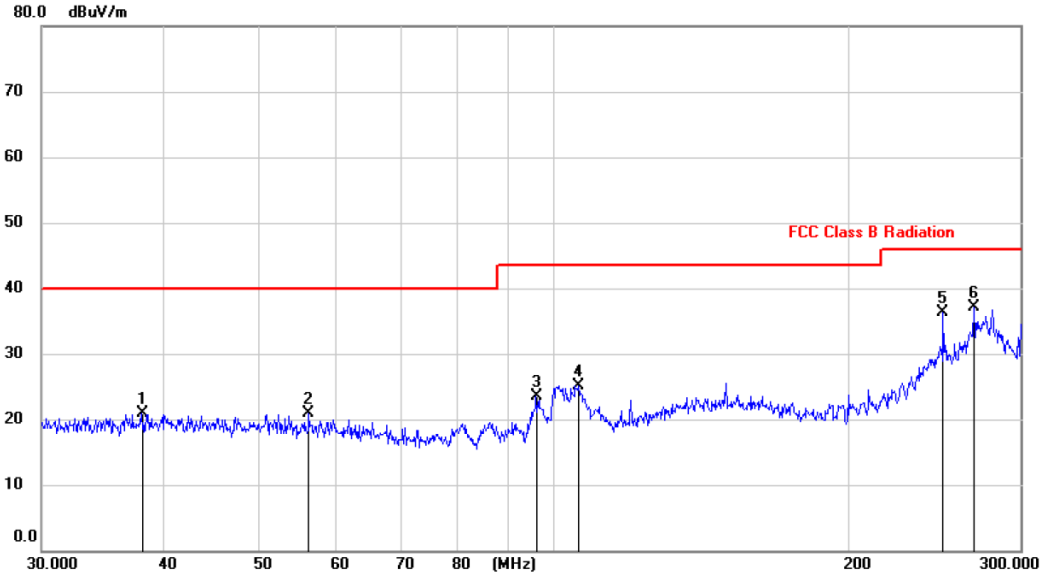
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		30.4875	15.17	13.30	28.47	40.00	-11.53	peak			
2	*	76.2292	18.46	10.08	28.54	40.00	-11.46	peak			
3		100.0279	17.83	10.61	28.44	43.50	-15.06	peak			
4		139.9978	13.37	13.83	27.20	43.50	-16.30	peak			
5		210.4366	11.61	10.71	22.32	43.50	-21.18	peak			
6		260.0886	13.35	12.34	25.69	46.00	-20.31	peak			

Note:1. *:Maximum data; x:Over limit; !:over margin.
2.Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

Site LAB	Polarization: ***Horizontal***	Temperature: 23.9
Limit: FCC Class B Radiation	Power: AC 120/60Hz	Humidity: 46 %
EUT: Cloud Digital Photo Frame	Distance: 3m	
M/N: SF206		
Mode: Charging		
Note:		
Engineer Signature:		

Radiated Emission Measurement

File :SF206 Data :#2 Date: 2017/12/7 Time: 12:23:41



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		38.0296	7.14	13.82	20.96	40.00	-19.04	peak			
2		56.2498	7.72	13.19	20.91	40.00	-19.09	peak			
3		96.1881	13.22	10.30	23.52	43.50	-19.98	peak			
4		106.1992	14.01	11.17	25.18	43.50	-18.32	peak			
5		250.1044	24.23	12.05	36.28	46.00	-9.72	peak			
6	*	269.2286	24.44	12.75	37.19	46.00	-8.81	peak			

Note:1. *:Maximum data; x:Over limit; !:over margin.
2.Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

Note: *1.The low frequency, which started from 9KHz~30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported*

2. Measurements were conducted in all three channels (high, middle, low) and all modulation(802.11b, 802.11g, 802.11n(HT20), 802.11n(HT40)), and the worst case Mode (Lowest channel and 802.11b) was submitted only

Test Result of Radiated Spurious at Band edges

Modulation Type: 802.11b

Low channel: 2412 MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBμV/m)	AV limit (dBμV/m)
2310	H	44.67	-4.20	40.47	74.00	54.00
2377.38	H	47.04	-4.10	42.94	74.00	54.00
2390	H	51.44	-3.94	47.50	74.00	54.00
2310	V	43.21	-4.20	39.01	74.00	54.00
2377.38	V	54.04	-4.10	49.94	74.00	54.00
2390	V	52.59	-3.94	48.65	74.00	54.00

Modulation Type: 802.11b

High channel: 2462 MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBμV/m)	AV limit (dBμV/m)
2483.5	H	52.72	-3.60	49.12	74.00	54.00
2487.09	H	46.83	-3.50	43.33	74.00	54.00
2500	H	44.45	-3.34	41.11	74.00	54.00
2483.5	V	55.01	-3.60	51.41	74.00	54.00
2487.09	V	47.57	-3.50	44.07	74.00	54.00
2500	V	43.51	-3.34	40.17	74.00	54.00

Modulation Type: 802.11g

Low channel: 2412 MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBμV/m)	AV limit (dBμV/m)
2310	H	46.00	-4.20	41.80	74.00	54.00
2388.96	H	52.23	-4.12	48.11	74.00	54.00
2390	H	52.65	-3.94	48.71	74.00	54.00
2310	V	45.88	-4.20	41.68	74.00	54.00
2388.96	V	49.50	-4.12	45.38	74.00	54.00
2390	V	55.45	-3.94	51.51	74.00	54.00

Modulation Type: 802.11g

High channel: 2462 MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBμV/m)	AV limit (dBμV/m)
2483.5	H	54.12	-3.60	50.52	74.00	54.00
2487.59	H	49.98	-3.52	46.46	74.00	54.00
2500	H	47.48	-3.34	44.14	74.00	54.00
2483. 5	V	51.60	-3.60	48.00	74.00	54.00
2487.59	V	47.36	-3.52	43.84	74.00	54.00
2500	V	46.22	-3.34	42.88	74.00	54.00

Modulation Type: 802.11n(20MHz)

Low channel: 2412 MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBμV/m)	AV limit (dBμV/m)
2310	H	46.28	-4.20	42.08	74.00	54.00
2388.01	H	55.47	-4.10	51.37	74.00	54.00
2390	H	53.48	-3.94	49.54	74.00	54.00
2310	V	46.94	-4.20	42.74	74.00	54.00
2388.01	V	54.83	-4.10	50.73	74.00	54.00
2390	V	51.35	-3.94	47.41	74.00	54.00

Modulation Type: 802.11n(20MHz)

High channel: 2462 MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBμV/m)	AV limit (dBμV/m)
2483.5	H	55.88	-3.60	52.28	74.00	54.00
2392.55	H	53.41	-3.50	49.91	74.00	54.00
2500	H	47.27	-3.34	43.93	74.00	54.00
2483. 5	V	52.63	-3.60	49.03	74.00	54.00
2392.55	V	50.64	-3.50	47.14	74.00	54.00
2500	V	49.56	-3.34	46.22	74.00	54.00

Modulation Type: 802.11n(40MHz)

Low channel: 2422 MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBμV/m)	AV limit (dBμV/m)
2310	H	51.76	-4.20	47.56	74.00	54.00
2387.85	H	55.80	-4.10	51.70	74.00	54.00
2390	H	53.60	-3.94	49.66	74.00	54.00
2310	V	51.98	-4.20	47.78	74.00	54.00
2389.98	V	51.73	-4.10	47.63	74.00	54.00
2390	V	50.53	-3.94	46.59	74.00	54.00

Modulation Type: 802.11n(40MHz)

High channel: 2452 MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBμV/m)	AV limit (dBμV/m)
2483.5	H	53.58	-3.60	49.98	74.00	54.00
2493.51	H	54.89	-3.50	51.39	74.00	54.00
2500	H	50.24	-3.34	46.90	74.00	54.00
2493.51	V	54.93	-3.60	51.33	74.00	54.00
2489.36	V	53.58	-3.46	50.12	74.00	54.00
2500	V	51.43	-3.34	48.09	74.00	54.00

Note:

1. *Peak Final Emission Level=Peak Reading + Correction Factor;*
2. *Correction Factor= Antenna Factor + Cable loss – Pre-amplifier*

Above 1GHz

Modulation Type: 802.11b

Low channel: 2412 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBuV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4824	H	45.13	---	0.66	45.79	---	74.00	54.00	-8.21
7236	H	38.53	---	9.5	48.03	---	74.00	54.00	-5.97
---	H	---	---	---	---	---	---	---	---
4824	V	45.84	---	0.66	46.50	---	74.00	54.00	-7.50
7236	V	36.93	---	9.5	46.43	---	74.00	54.00	-7.57
---	V	---	---	---	---	---	---	---	---

Middle channel: 2437MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBμV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4874	H	44.29	---	0.99	45.28	---	74.00	54.00	-8.72
7311	H	40.06	---	9.85	49.91	---	74.00	54.00	-4.09
---	H	---	---	---	---	---	---	---	---
4874	V	44.12	---	0.99	45.11	---	74.00	54.00	-8.89
7311	V	40.16	---	9.85	50.01	---	74.00	54.00	-3.99
---	V	---	---	---	---	----	---	---	---

High channel: 2462 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBμV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4924	H	45.64	---	1.33	46.97	---	74.00	54.00	-7.03
7386	H	38.68	---	10.22	48.90	---	74.00	54.00	-5.10
---	H	---	---	---	---	---	---	---	---
4924	V	44.84	---	1.33	46.17	---	74.00	54.00	-7.83
7386	V	34.68	---	10.22	44.90	---	74.00	54.00	-9.10
---	V	---	---	---	---	---	---	---	---

Note:

1. *Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss – Pre-amplifier*
2. *Margin (dB) = Emission Level (Peak) (dBμV/m)-Average limit (dBμV/m)*
3. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
4. *Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.*
5. *Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.*

Modulation Type: 802.11g

Low channel: 2412 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBuV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4824	H	48.66	---	0.75	49.41	---	74.00	54.00	-4.59
7236	H	39.93	---	9.87	49.80	---	74.00	54.00	-4.20
---	H	---	---	---	---	---	---	---	---
4824	V	46.88	---	0.75	47.63	---	74.00	54.00	-6.37
7236	V	40.13	---	9.87	50.00	---	74.00	54.00	-4.00
---	V	---	---	---	---	---	---	---	---

Middle channel: 2437MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBμV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4874	H	47.31	---	0.97	48.28	---	74.00	54.00	-5.72
7311	H	39.45	---	9.83	49.28	---	74.00	54.00	-4.72
---	H	---	---	---	---	---	---	---	---
4874	V	46.35	---	0.97	47.32	---	74.00	54.00	-6.68
7311	V	40.04	---	9.83	49.87	---	74.00	54.00	-4.13
---	V	---	---	---	---	---	---	---	---

High channel: 2462 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBμV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4924	H	46.90	---	1.18	48.08	---	74.00	54.00	-5.92
7386	H	39.30	---	10.07	49.37	---	74.00	54.00	-4.63
---	H	---	---	---	---	---	---	---	---
4924	V	45.99	---	1.18	47.17	---	74.00	54.00	-6.83
7386	V	39.54	---	10.07	49.61	---	74.00	54.00	-4.39
---	V	---	---	---	---	---	---	---	---

Note:

1. *Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss – Pre-amplifier*
2. *Margin (dB) = Emission Level (Peak) (dBμV/m)-Average limit (dBμV/m)*
3. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
4. *Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.*
5. *Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.*

Modulation Type: 802.11n (HT20)

Low channel: 2412 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBuV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4824	H	46.79	---	1.33	48.12	---	74.00	54.00	-5.88
7236	H	37.27	---	10.22	47.49	---	74.00	54.00	-6.51
---	H	---	---	---	---	---	---	---	---
4824	V	44.47	---	1.33	45.80	---	74.00	54.00	-8.20
7236	V	35.53	---	10.22	45.75	---	74.00	54.00	-8.25
---	V	---	---	---	---	---	---	---	---

Middle channel: 2437MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBμV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4874	H	44.75	---	0.99	45.74	---	74.00	54.00	-8.26
7311	H	38.70	---	9.85	48.55	---	74.00	54.00	-5.45
---	H	---	---	---	---	---	---	---	---
4874	V	44.38	---	0.99	45.37	---	74.00	54.00	-8.63
7311	V	37.20	---	9.85	47.05	---	74.00	54.00	-6.95
---	V	---	---	---	---	----	---	---	---

High channel: 2462 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBμV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4924	H	39.35	---	1.33	40.68	---	74.00	54.00	-13.32
7386	H	34.94	---	10.22	45.16	---	74.00	54.00	-8.84
---	H	---	---	---	---	---	---	---	---
4924	V	39.16	---	1.33	40.49	---	74.00	54.00	-13.51
7386	V	35.40	---	10.22	45.62	---	74.00	54.00	-8.38
---	V	---	---	---	---	---	---	---	---

Note:

1. *Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss – Pre-amplifier*
2. *Margin (dB) = Emission Level (Peak) (dBμV/m)-Average limit (dBμV/m)*
3. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
4. *Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.*
5. *Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.*

Modulation Type: 802.11n (HT40)

Low channel: 2422 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBuV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4844	H	45.15	---	0.66	45.81	---	74.00	54.00	-8.19
7266	H	37.76	---	9.5	47.26	---	74.00	54.00	-6.74
---	H	---	---	---	---	---	---	---	---
4824	V	44.05	---	0.66	44.71	---	74.00	54.00	-9.29
7236	V	35.05	---	9.5	44.55	---	74.00	54.00	-9.45
---	V	---	---	---	---	---	---	---	---

Middle channel: 2437MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBμV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4874	H	42.28	---	0.99	43.27	---	74.00	54.00	-10.73
7311	H	33.72	---	9.85	43.57	---	74.00	54.00	-10.43
---	H	---	---	---	---	---	---	---	---
4874	V	42.74	---	0.99	43.73	---	74.00	54.00	-10.27
7311	V	36.75	---	9.85	46.60	---	74.00	54.00	-7.40
---	V	---	---	---	---	----	---	---	---

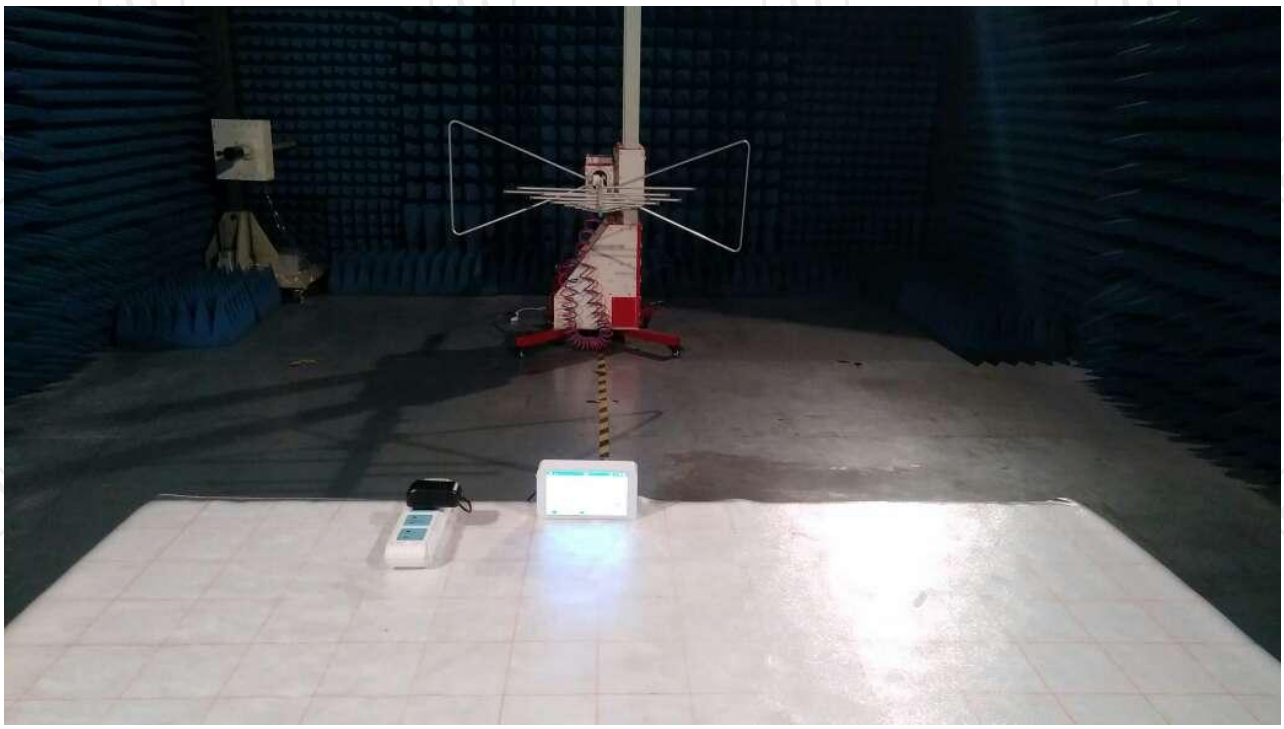
High channel: 2452 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBμV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4904	H	44.48	---	1.33	45.81	---	74.00	54.00	-8.19
7356	H	35.35	---	10.22	45.57	---	74.00	54.00	-8.43
---	H	---	---	---	---	---	---	---	---
4904	V	42.76	---	1.33	44.09	---	74.00	54.00	-9.91
7356	V	35.83	---	10.22	46.05	---	74.00	54.00	-7.95
---	V	---	---	---	---	---	---	---	---

Note:

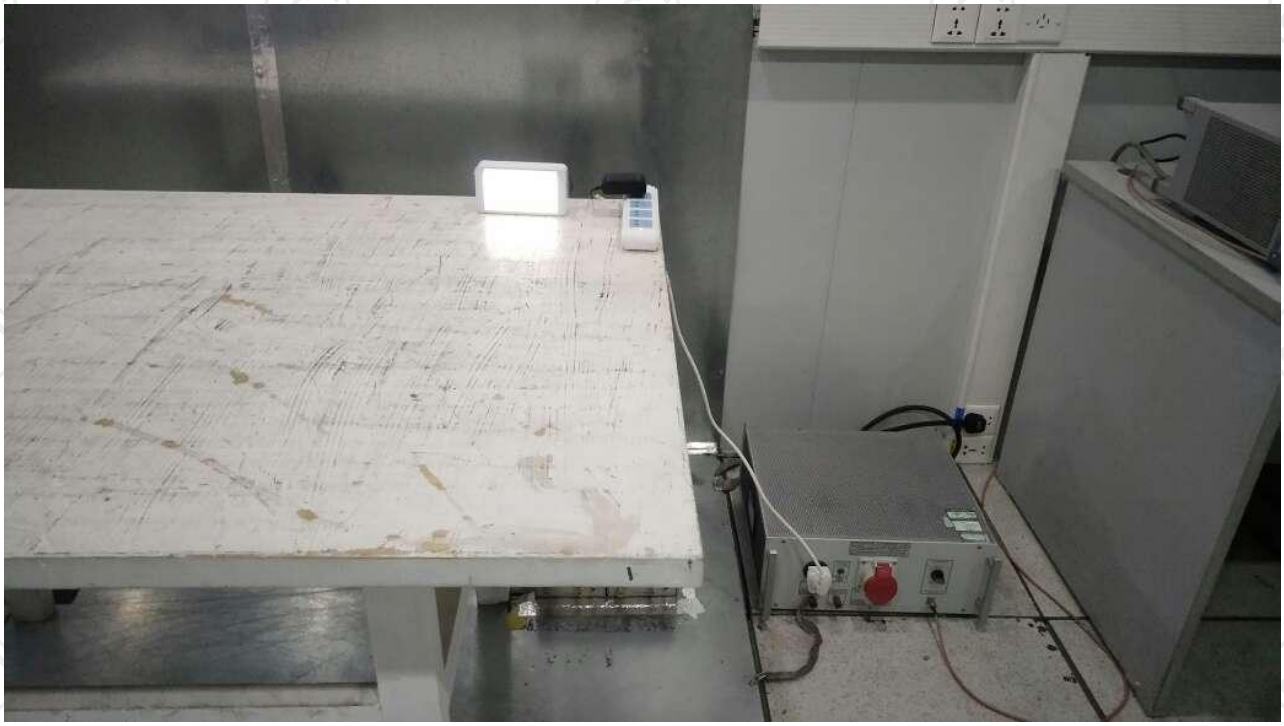
1. *Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss – Pre-amplifier*
2. *Margin (dB) = Emission Level (Peak) (dBμV/m)-Average limit (dBμV/m)*
3. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
4. *Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.*
5. *Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.*

Appendix A: Photographs of Test Setup

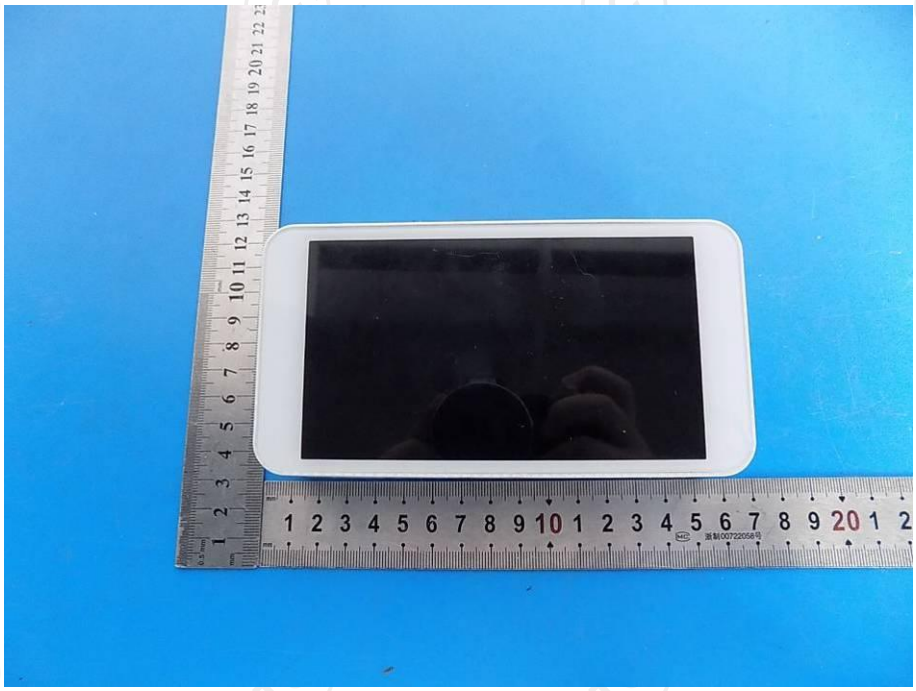
Product: Cloud Digital Photo Frame
Model: SF206
Radiated Emission

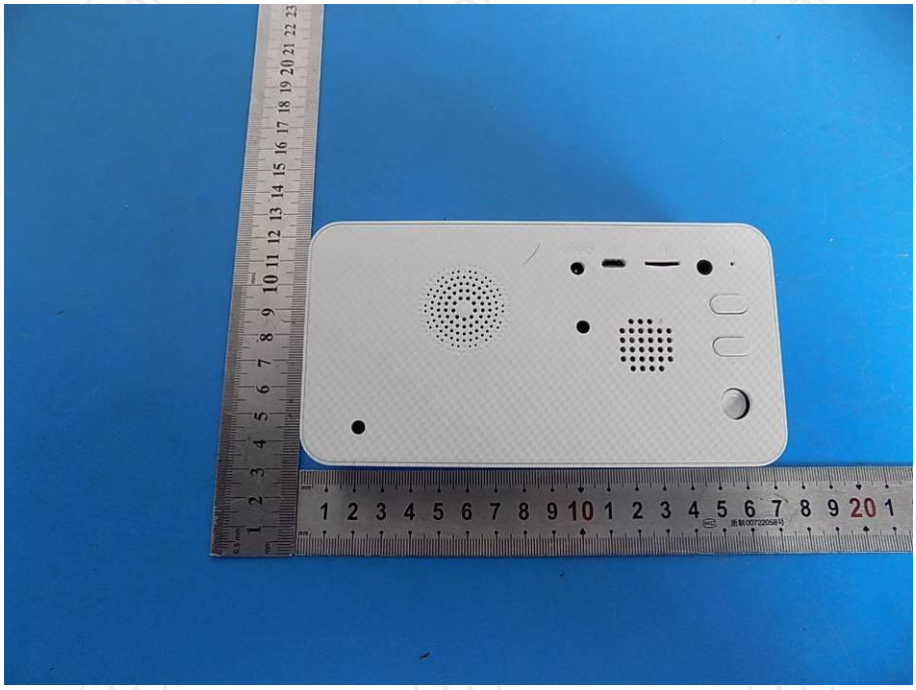


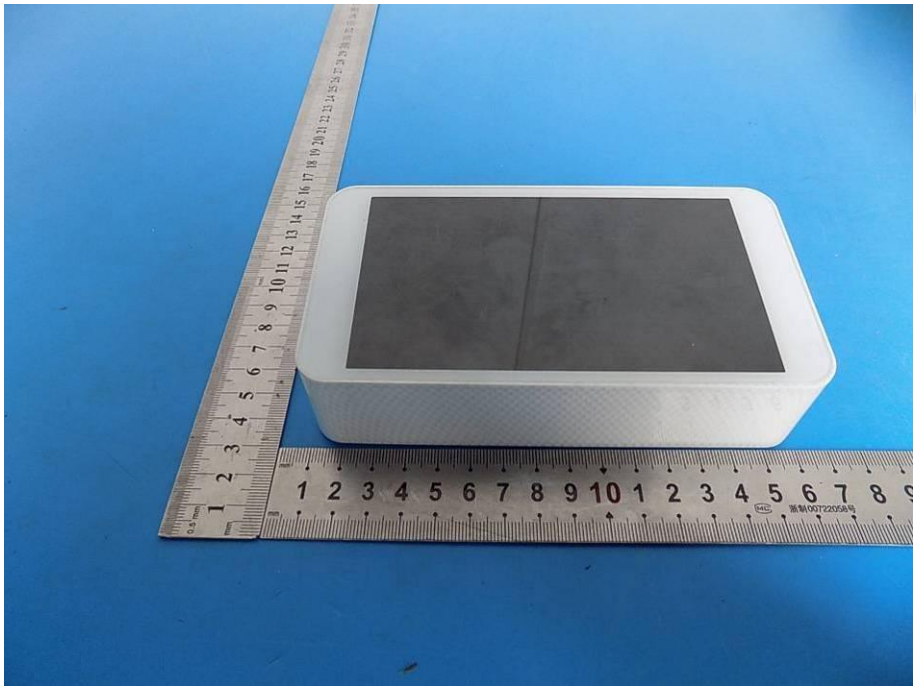
Conducted Emission

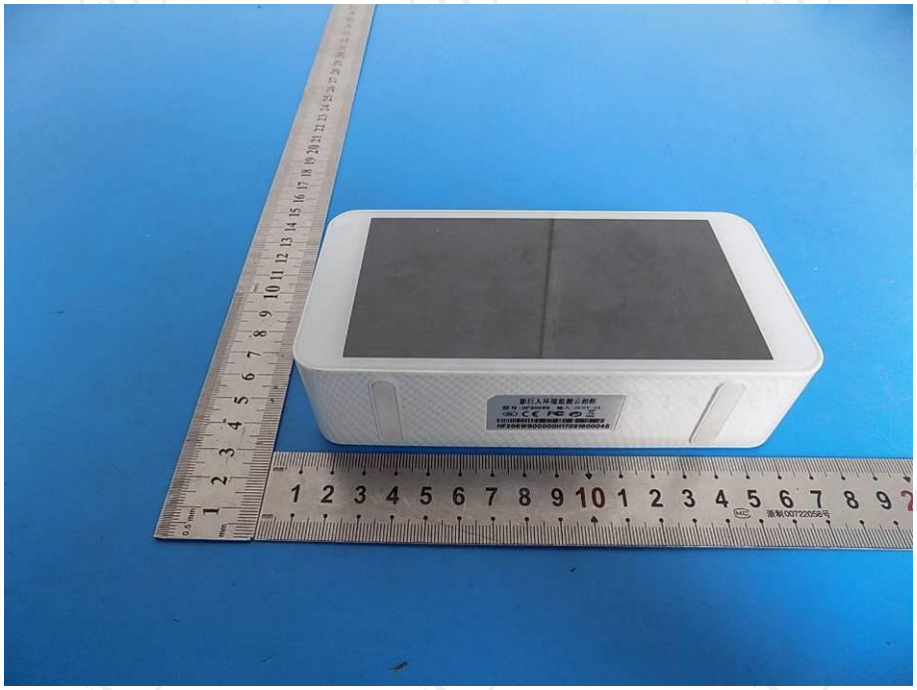


Appendix B: Photographs of EUT
Product: Cloud Digital Photo Frame
Model: SF206
External Photos

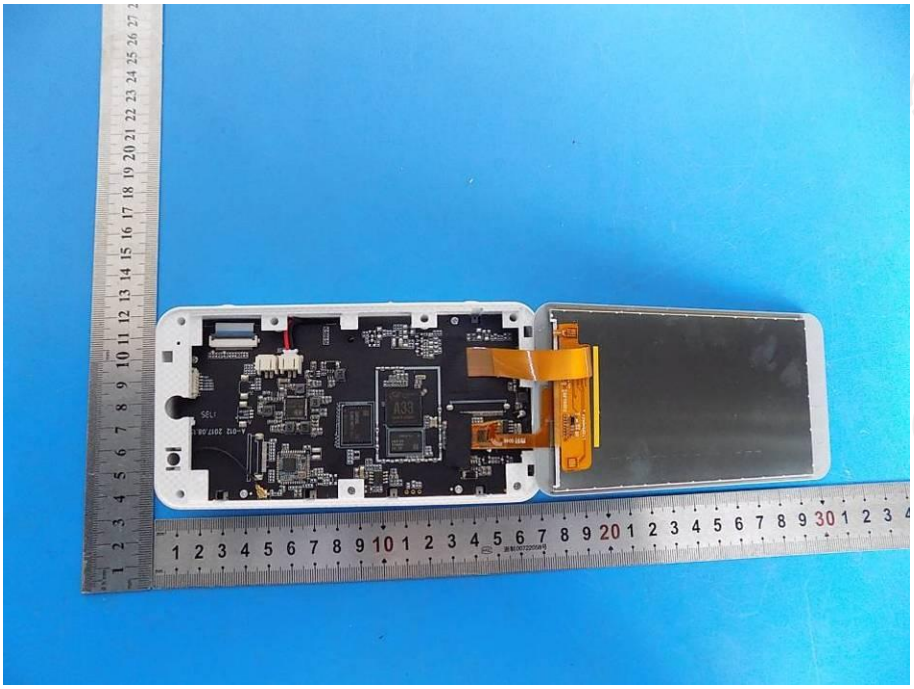


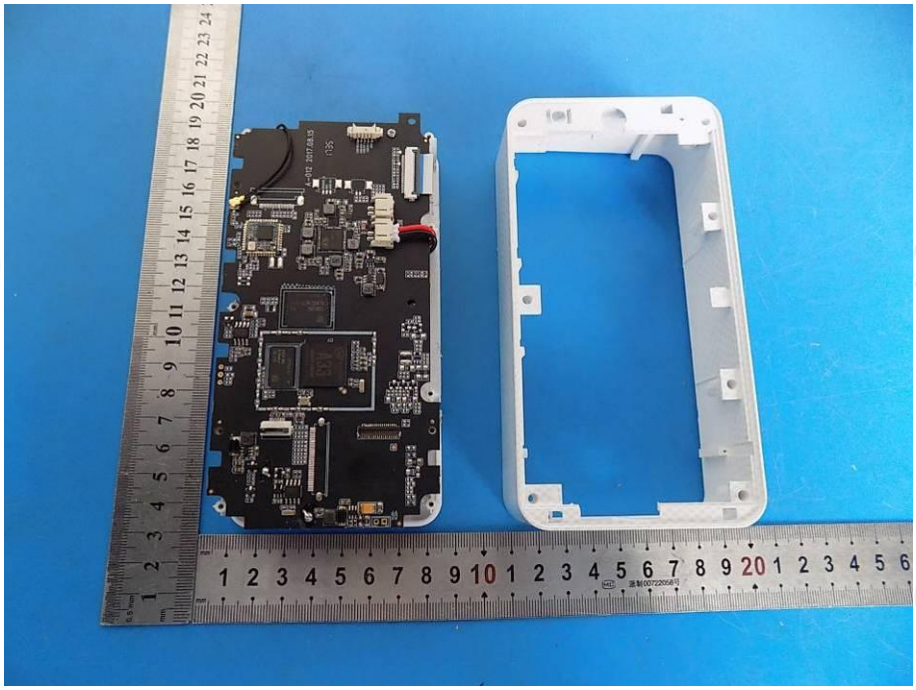






Product: Cloud Digital Photo Frame
Model: SF206
Internal Photos





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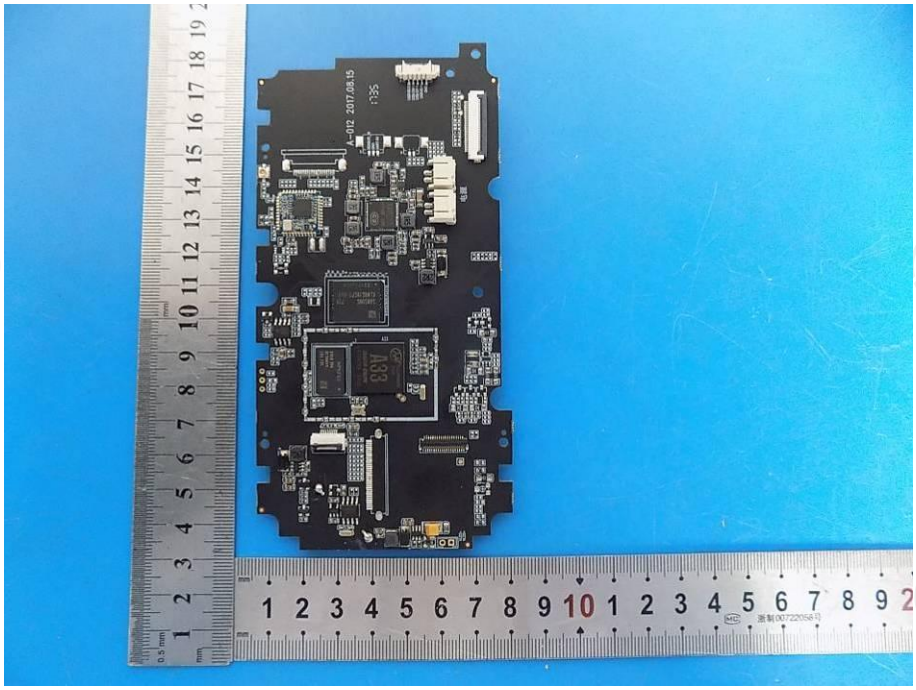

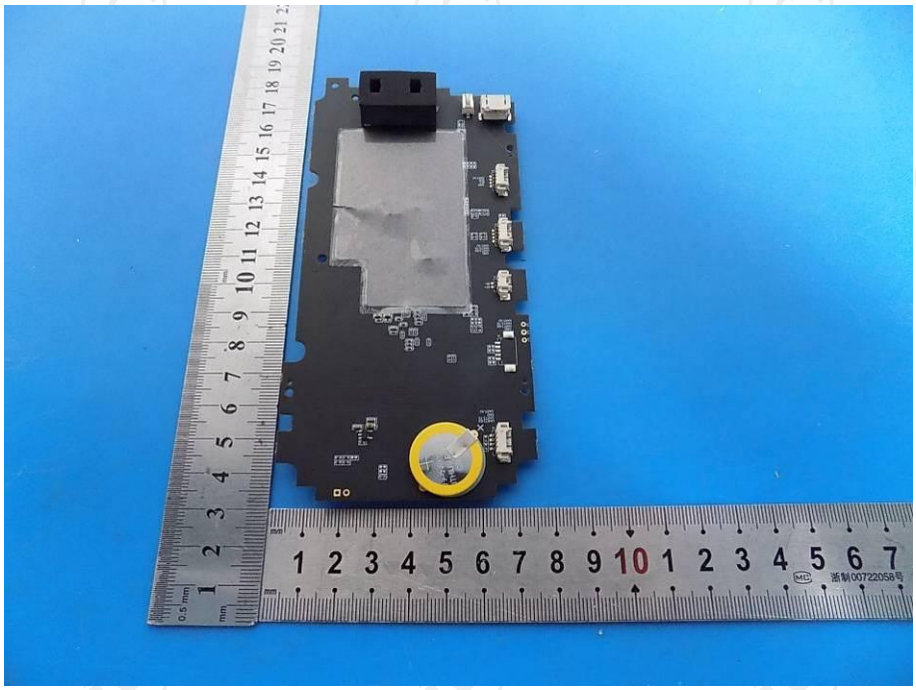

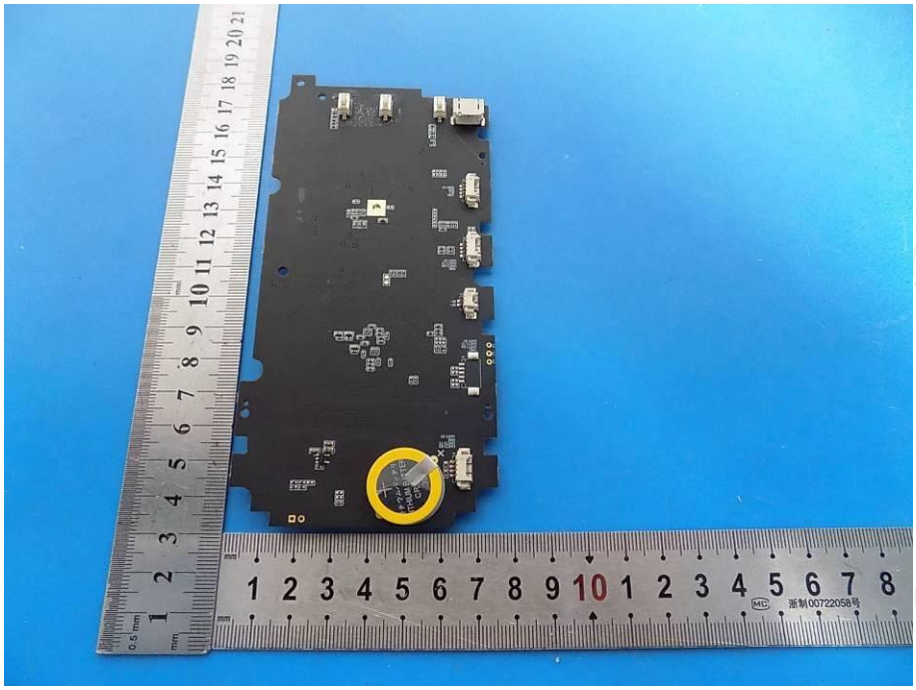

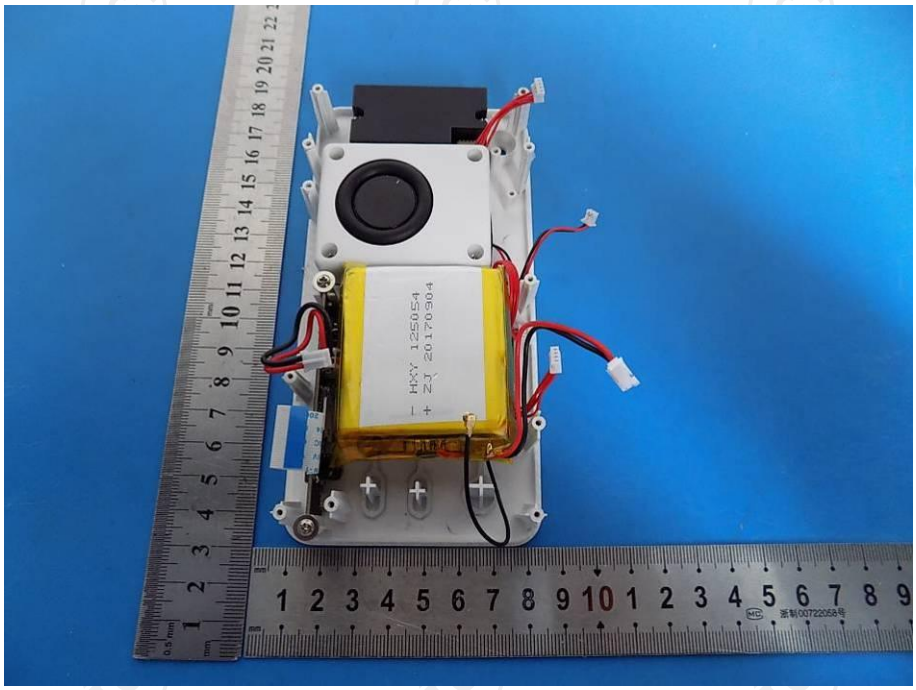
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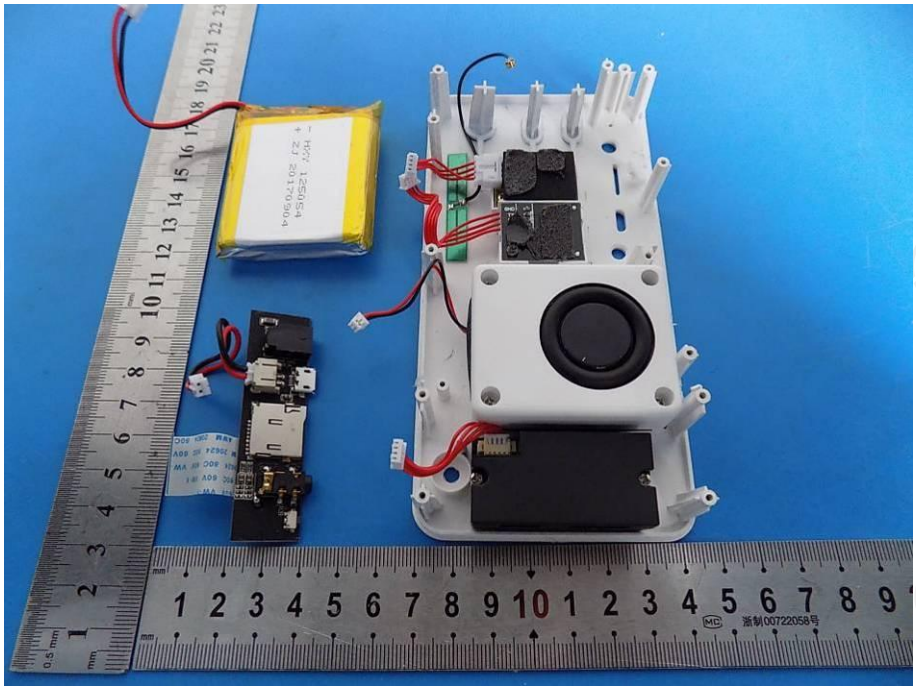
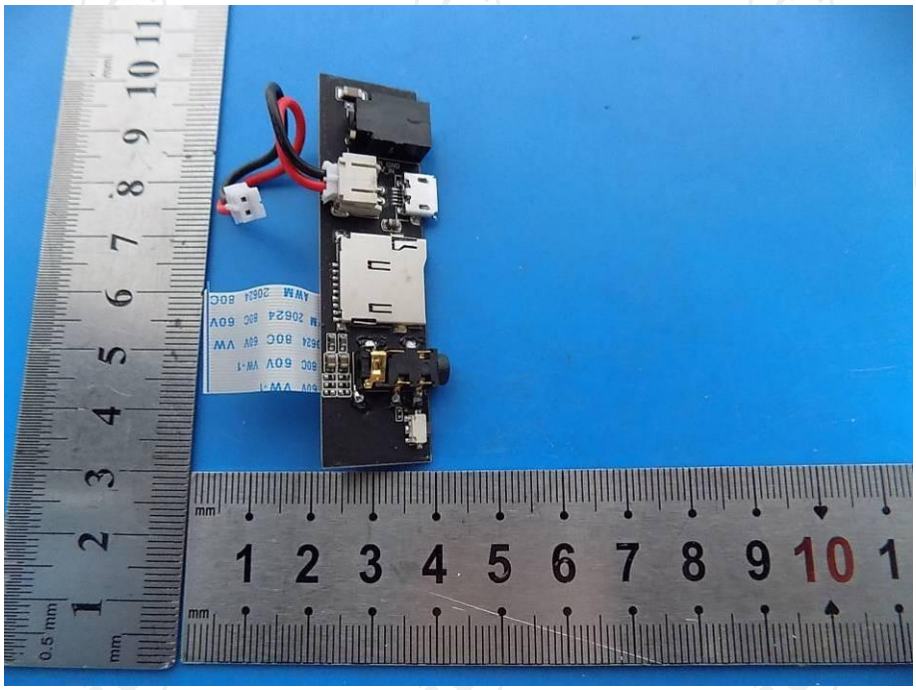
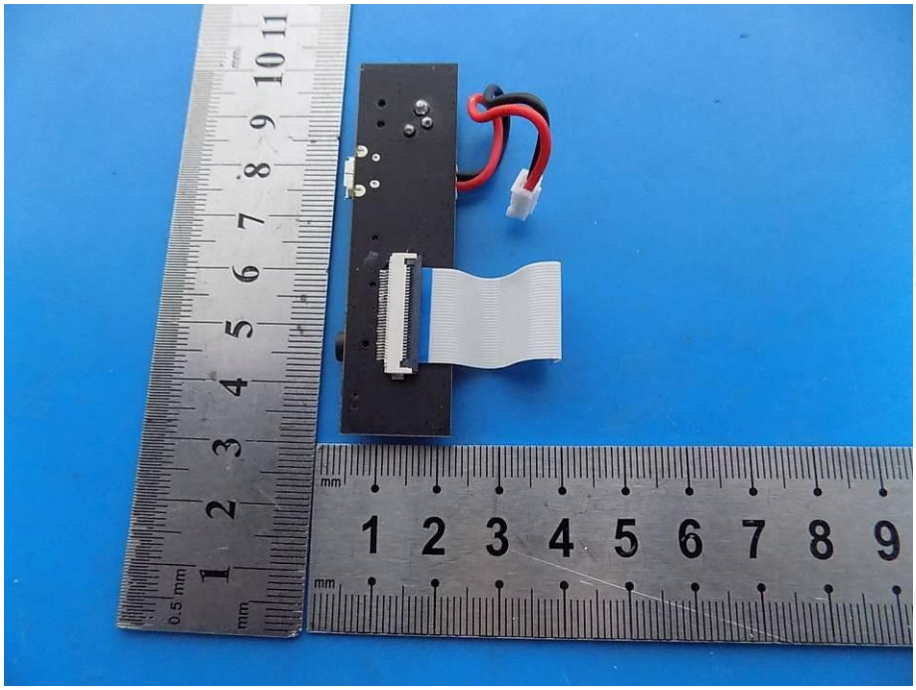
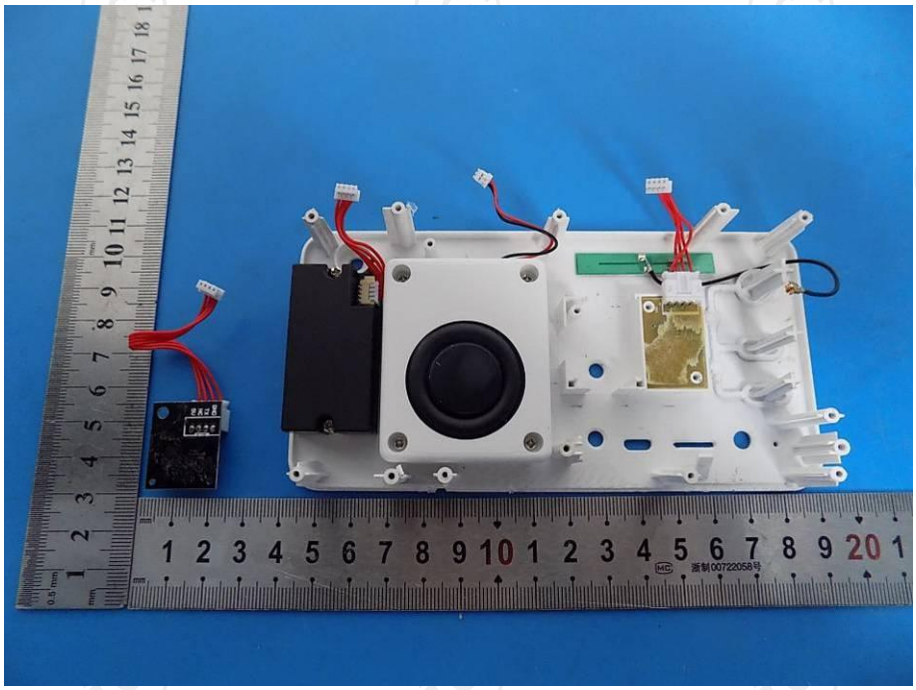
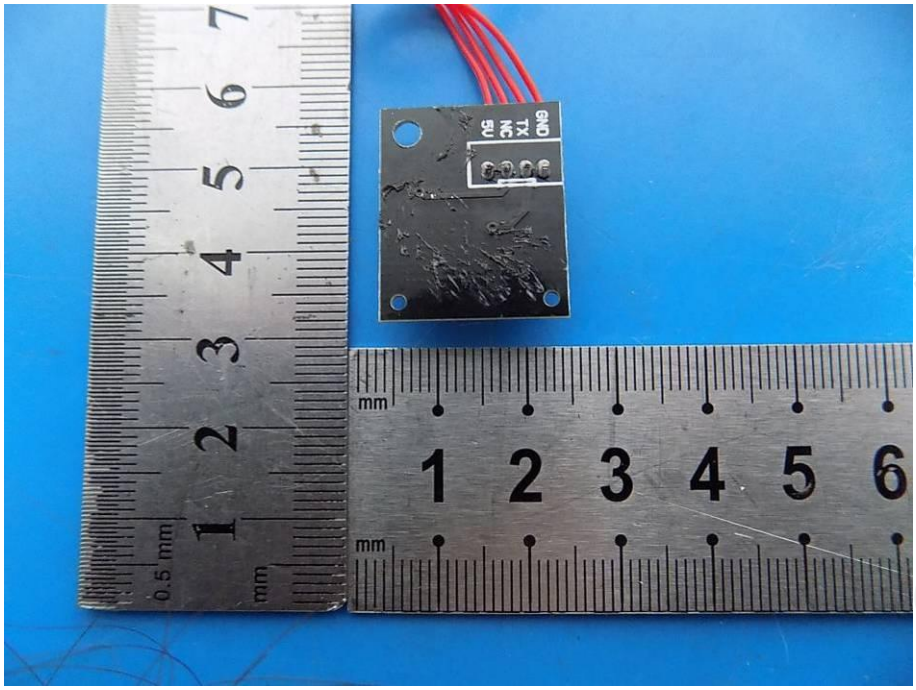
ZJ 20170904

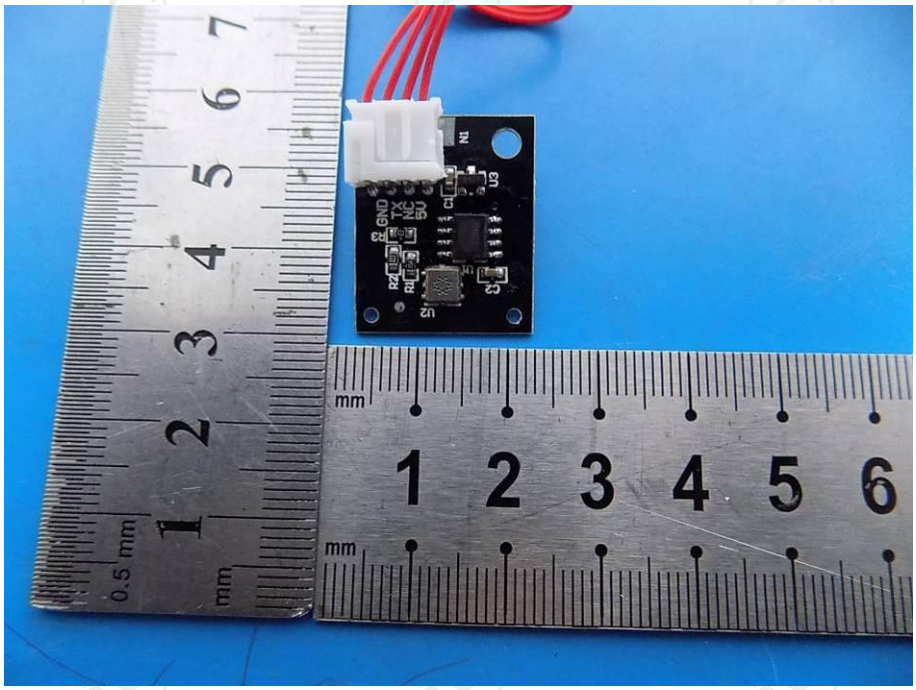












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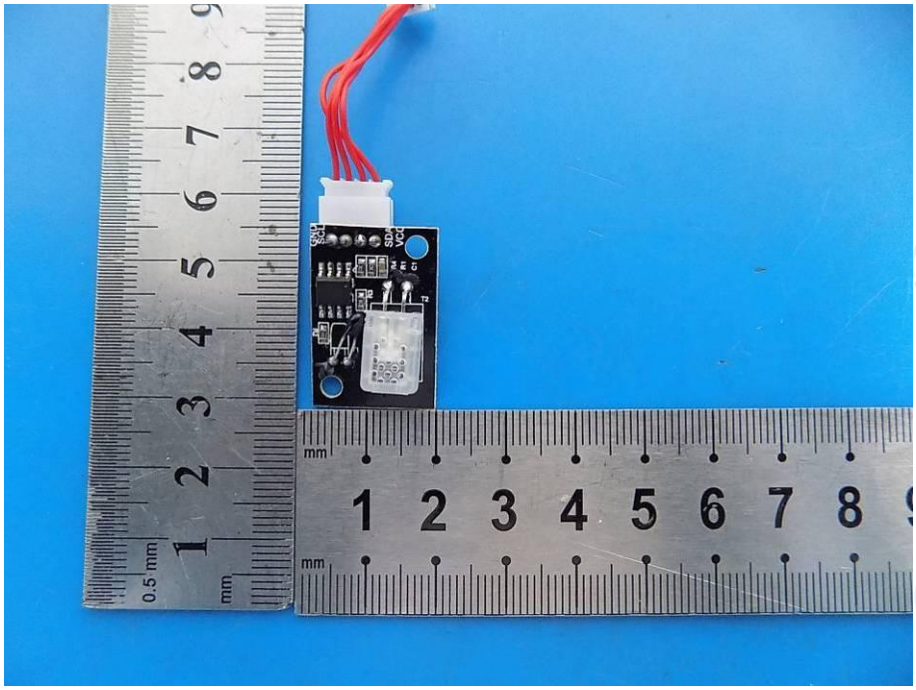
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SDA
VCC
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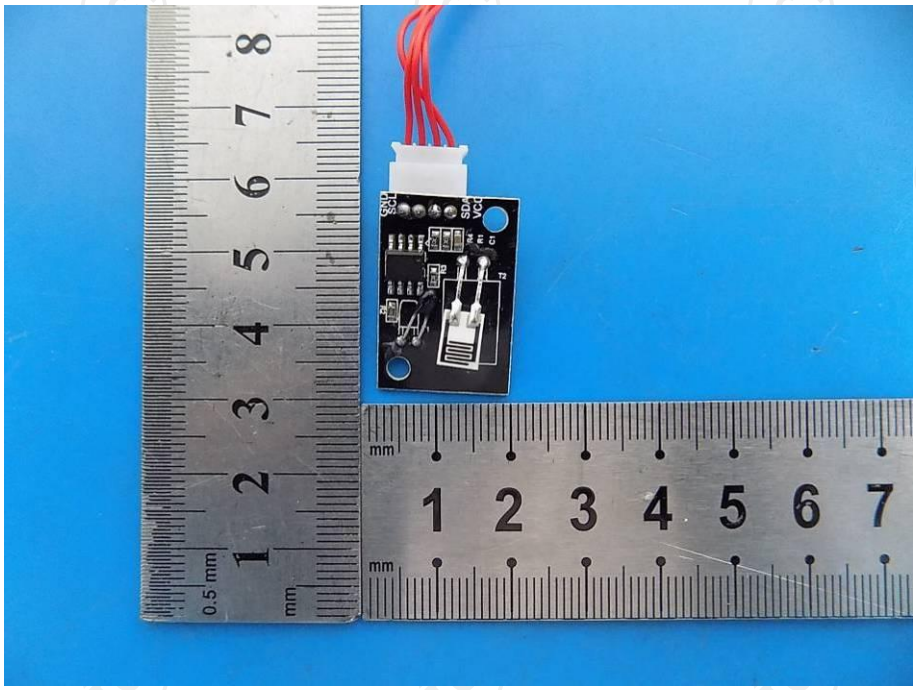
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mm
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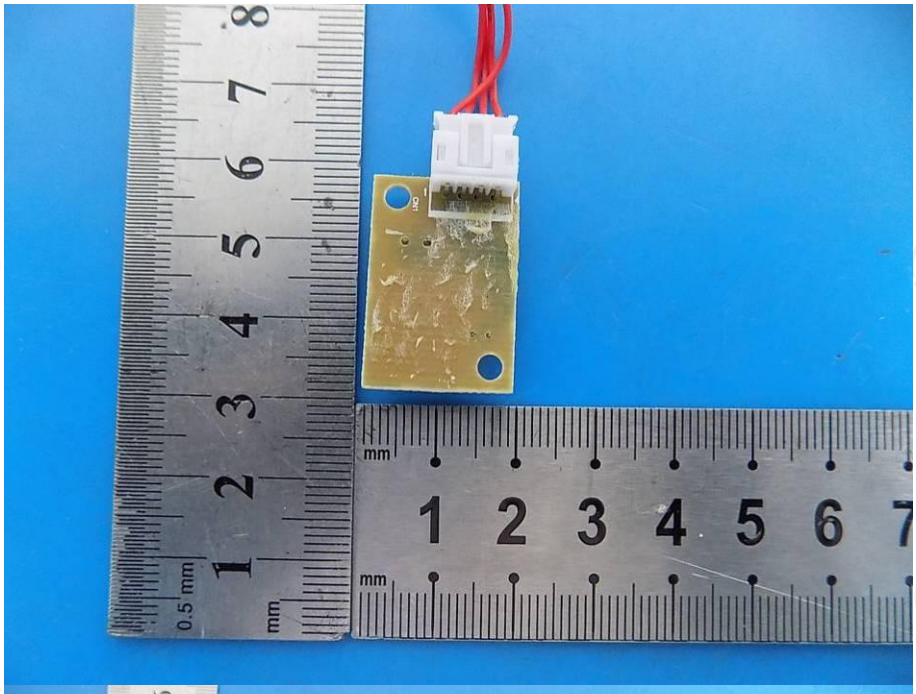

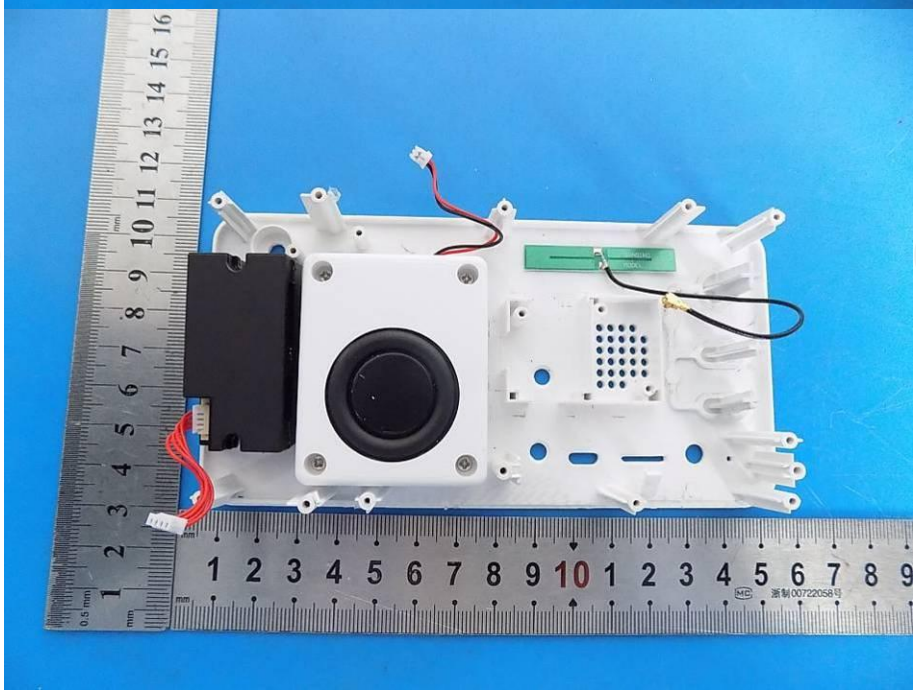

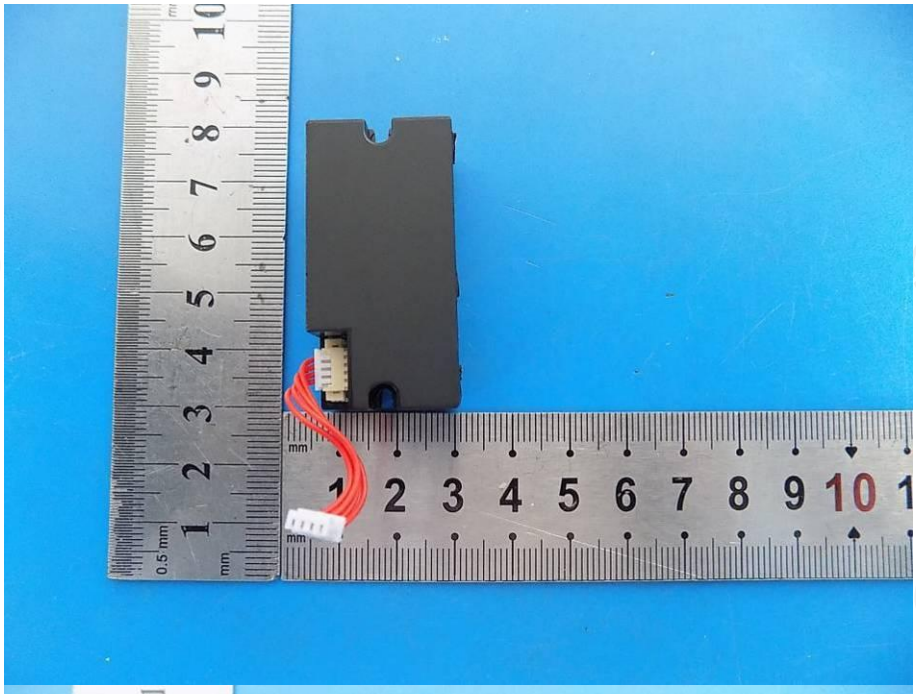

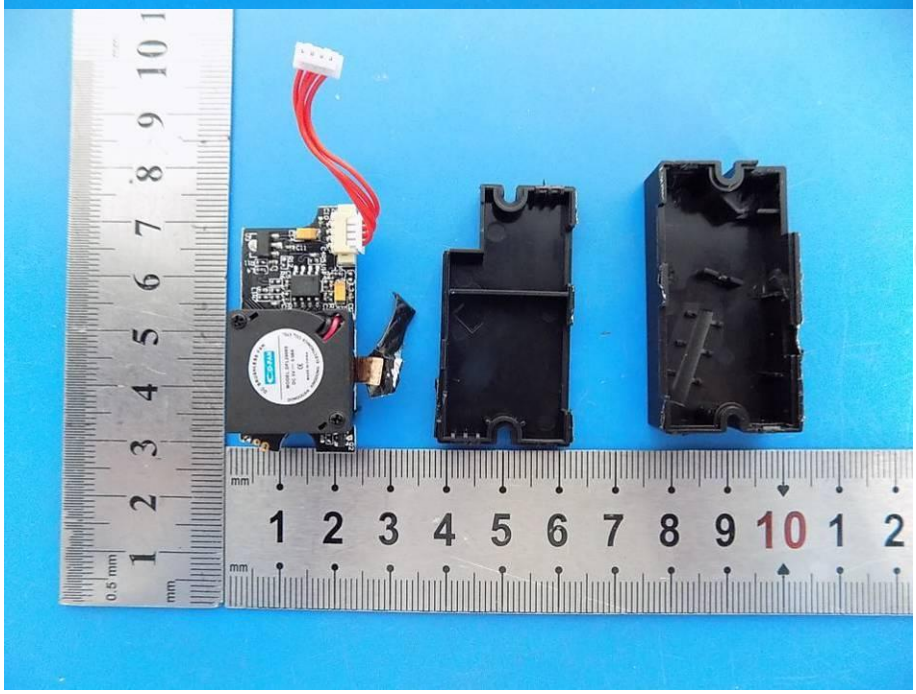

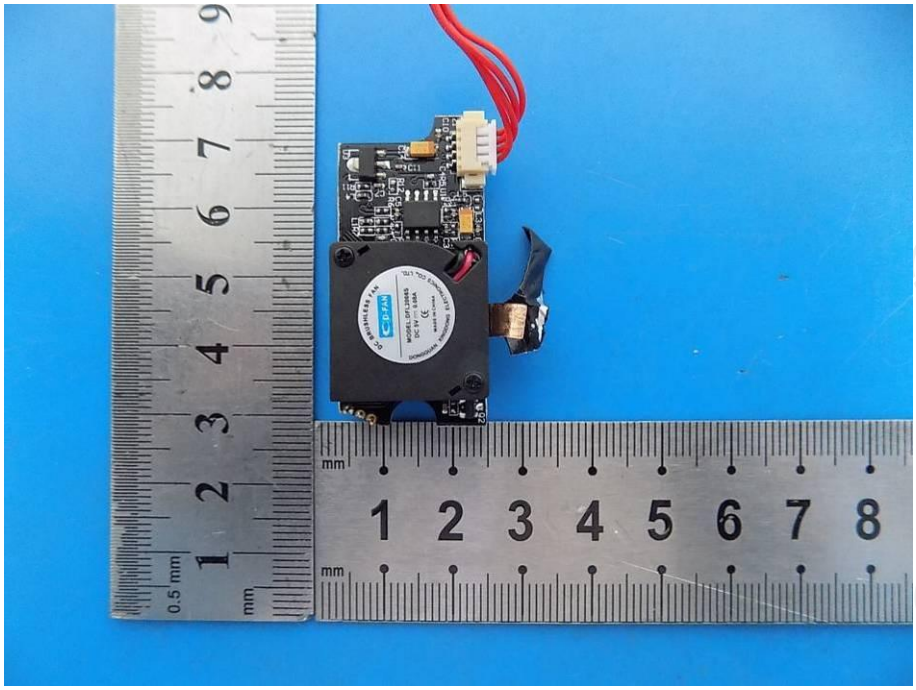

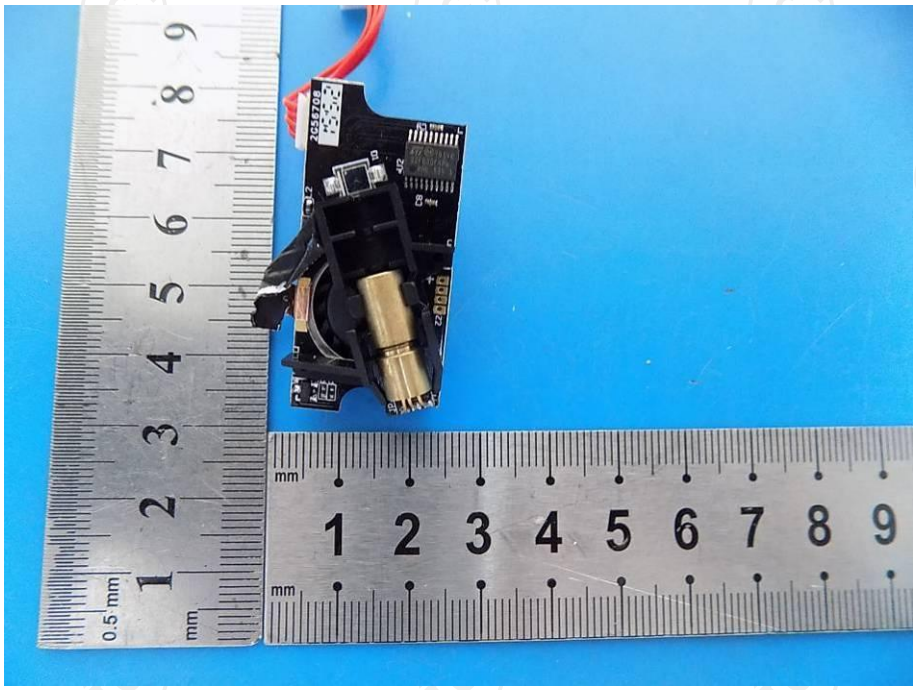

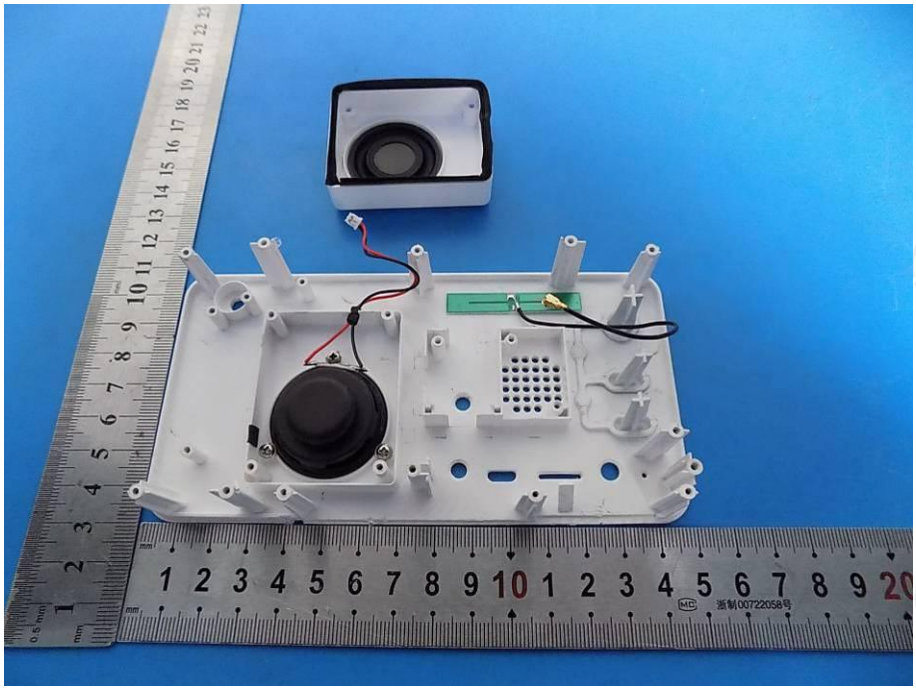

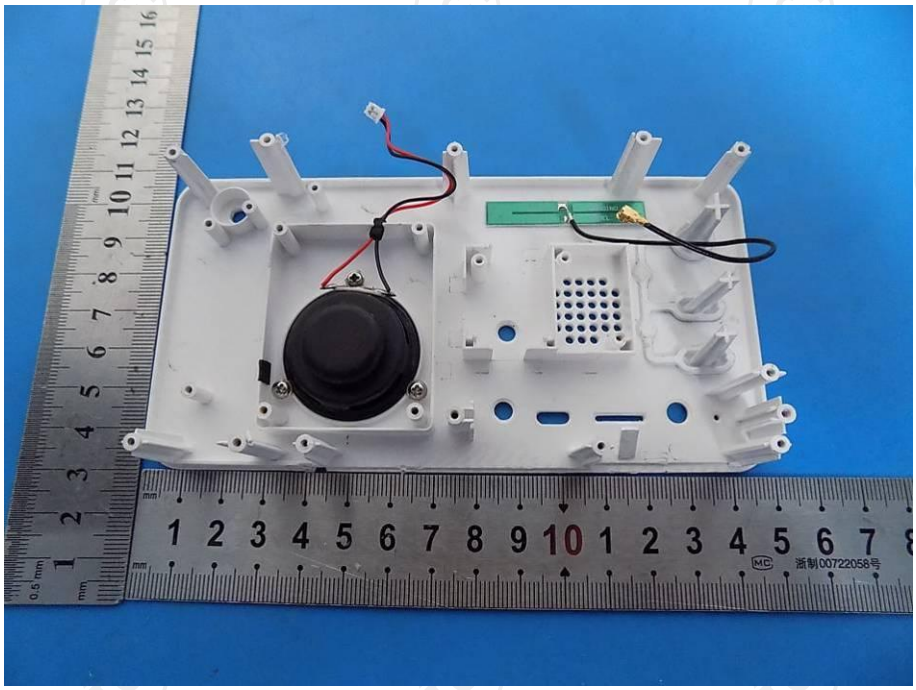

*****END OF REPORT*****