FCC TEST REPORT

Test report
On Behalf of
George and Shaun, LLC.
For
biblle LiTE

Model No.: BIB_BT-LE01_1905

FCC ID: 2AUAS-1905

Prepared for :	**George and Shaun, LLC.** **Koshi-ichi builiding 702, Jingu-mae 6-19-16, Shibuya-ku, Tokyo.**
Prepared By :	**Shenzhen HUAK Testing Technology Co., Ltd.** **1F, B2 Building, Junfeng Zhongcheng Zhizao Innovation Park, Fuhai Street, Bao'an District, Shenzhen City, China**
Date of Test:	**Jul. 29, 2019 ~ Aug. 09, 2019**
Date of Report:	**Aug. 09, 2019**
Report Number:	**HK1907311857-E**

TEST RESULT CERTIFICATION

Applicant's name.....:	George and Shaun, LLC.
Address .....:	Koshi-ichi builiding 702, Jingu-mae 6-19-16, Shibuya-ku, Tokyo.
Manufacture's Name .....:	Shenzhen Joyway Technology Co., Ltd.
Address .....:	Room1417-19,Noble Plaza, QianJin 1 Road , 30area, Baoan District,Shenzhen city, China

Product description

Trade Mark:	TIFORU
Product name.....:	biblle LiTE
Model and/or type reference .:	BIB_BT-LE01_1905
Standards.....:	FCC Rules and Regulations Part 15 Subpart C Section 15.249 ANSI C63.10: 2013

Date of Test.....:	
Date (s) of performance of tests.....:	**Jul. 29, 2019 ~ Aug. 09, 2019**
Date of Issue.....:	**Aug. 09, 2019**
Test Result.....:	**Pass**

Testing Engineer : Gary Qian

(Gary Qian)

Technical Manager : Eden Hu

(Eden Hu)

Authorized Signatory : Jason Zhou

(Jason Zhou)

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OCCUPIED BANDWIDTH MEASUREMENT	COMPLIANT
ANTENNA REQUIREMENT	COMPLIANT

1.2 TEST FACILITY

Test Firm : Shenzhen HUAK Testing Technology Co., Ltd.

Address 1F, B2 Building, Junfeng Zhongcheng Zhizao Innovation Park, Fuhai Street, Bao'an District, Shenzhen City, China

1.3 MEASUREMENT UNCERTAINTY

Measurement Uncertainty

Conducted Emission Expanded Uncertainty	=	2.23dB, k=2
Radiated emission expanded uncertainty(9kHz-30MHz)	=	3.08dB, k=2
Radiated emission expanded uncertainty(30MHz-1000MHz)	=	4.42dB, k=2
Radiated emission expanded uncertainty(Above 1GHz)	=	4.06dB, k=2

2. GENERAL INFORMATION

2.1GENERAL DESCRIPTION OF EUT

Equipment	biblle LiTE
Model Name	BIB_BT-LE01_1905
Serial No	N/A
Model Difference	N/A
Antenna Type	PCB onboard antenna
Antenna Gain	0 dBi
BT Operation frequency	2402-2480MHz
Number of Channels	40CH
Modulation Type	GFSK
Power Source	DC 3V button cell
Power Rating	DC 3V button cell

2.1.1 Carrier Frequency of Channels

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	11	2424MHz	22	2446MHz	33	2468MHz
1	2404MHz	12	2426MHz	23	2448MHz	34	2470MHz
2	2406MHz	13	2428MHz	24	2450MHz	35	2472MHz
3	2408MHz	14	2430MHz	25	2452MHz	36	2474MHz
4	2410MHz	15	2432MHz	26	2454MHz	37	2476MHz
5	2412MHz	16	2434MHz	27	2456MHz	38	2478MHz
6	2414MHz	17	2436MHz	28	2458MHz	39	2480MHz
7	2416MHz	18	2438MHz	29	2460MHz		
8	2418MHz	19	2440MHz	30	2462MHz		
9	2420MHz	20	2442MHz	31	2464MHz		
10	2422MHz	21	2444MHz	32	2466MHz		

2.2Operation of EUT during testing

Operating Mode
The mode is used: **Transmitting mode**
Low Channel: 2402MHz
Middle Channel: 2440MHz
High Channel: 2480MHz

2.3DESCRIPTION OF TEST SETUP

Operation of EUT duringRadiation and Above1GHz Radiation testing:

2.4MEASUREMENT INSTRUMENTS LIST

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	L.I.S.N. Artificial Mains Network	R&S	ENV216	HKE-002	Dec. 28, 2018	1 Year
2.	Receiver	R&S	ESCI 7	HKE-010	Dec. 28, 2018	1 Year
3.	RF automatic control unit	Tonscend	JS0806-2	HKE-060	Dec. 28, 2018	1 Year
4.	Spectrum analyzer	R&S	FSP40	HKE-025	Dec. 28, 2018	1 Year
5.	Spectrum analyzer	Agilent	N9020A	HKE-048	Dec. 28, 2018	1 Year
6.	Preamplifier	Schwarzbeck	BBV 9743	HKE-006	Dec. 28, 2018	1 Year
7.	EMI Test Receiver	Rohde & Schwarz	ESCI 7	HKE-010	Dec. 28, 2018	1 Year
8.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	HKE-012	Dec. 28, 2018	1 Year
9.	Loop Antenna	Schwarzbeck	FMZB 1519 B	HKE-014	Dec. 28, 2018	1 Year
10.	Horn Antenna	Schewarzbeck	9120D	HKE-013	Dec. 28, 2018	1 Year
11.	Pre-amplifier	EMCI	EMC051845 SE	HKE-015	Dec. 28, 2018	1 Year
12.	Pre-amplifier	Agilent	83051A	HKE-016	Dec. 28, 2018	1 Year
13.	EMI Test Software EZ-EMC	Tonscend	JS1120-B Version	HKE-083	Dec. 28, 2018	N/A
14.	Power Sensor	Agilent	E9300A	HKE-086	Dec. 28, 2018	1 Year
15.	Spectrum analyzer	Agilent	N9020A	HKE-048	Dec. 28, 2018	1 Year
16.	Signal generator	Agilent	N5182A	HKE-029	Dec. 28, 2018	1 Year
17.	Signal Generator	Agilent	83630A	HKE-028	Dec. 28, 2018	1 Year
18.	Shielded room	Shiel Hong	4*3*3	HKE-039	Dec. 28, 2018	3 Year

3. CONDUCTED EMISSIONS TEST

3.1 Conducted Power Line Emission Limit

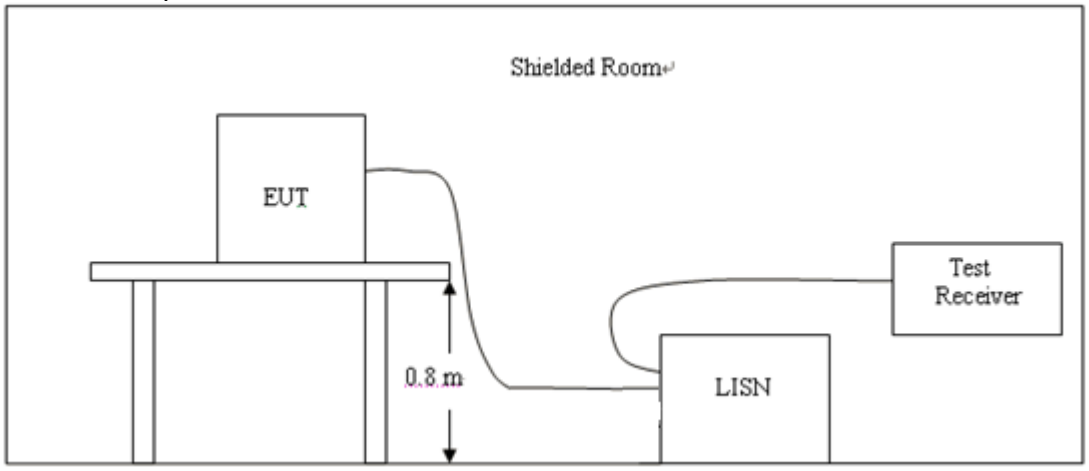
For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following

Frequency (MHz)	Maximum RF Line Voltage (dBμV)			
	CLASS A		CLASS B	
	Q.P.	Ave.	Q.P.	Ave.
0.15 - 0.50	79	66	66-56*	56-46*
0.50 - 5.00	73	60	56	46
5.00 - 30.0	73	60	60	50

* Decreasing linearly with the logarithm of the frequency

For intentional device, according to §15.207(a) Line Conducted Emission Limit is same as above table.

3.2 Test Setup



3.3 Test Procedure

1, The equipment was set up as per the test configuration to simulate typical actual usage per the user'smanual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed onthe ground plane as per ANSI C63.10.

2, Support equipment, if needed, was placed as per ANSI C63.10.

3, All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.

4,If a EUT received DC power from the USB Port of Notebook PC, the PC's adapter received AC120V/60Hzpower through a Line Impedance Stabilization Network (LISN) which supplied power source and wasgrounded to the ground plane.

5, All support equipments received AC power from a second LISN, if any.

6, The EUT test program was started. Emissions were measured on each current carrying line of the EUTusing a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has twomonitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.

7, Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.

3.4 Test Result

N/A

EUT powered by button battery.

Test Specification: Line

EUT：	biblle LiTE	Model Name. ：	BIB_BT-LE01_1905
Temperature：	26 ℃	Relative Humidity：	54%
Pressure：	N/A	Test Date：	N/A
Test Mode：	N/A	Phase：	N/A
Test Voltage ：	N/A		

4 RADIATED EMISSION TEST

4.1 Radiation Limit

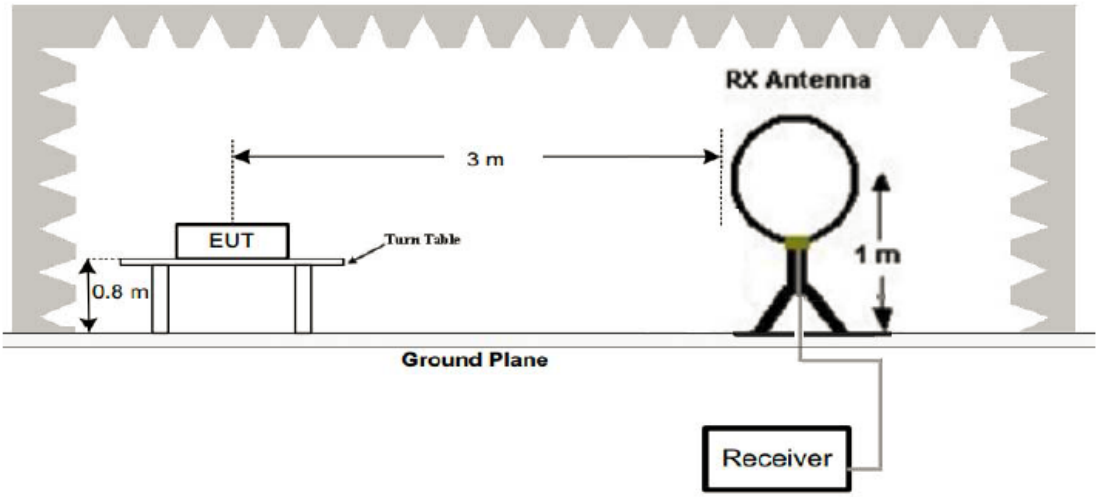
For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength ofradiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the followingvalues：

Frequency (MHz)	Distance (Meters)	Radiated (dBμV/m)	Radiated (μV/m)
0.009-0.49	3	20log(2400/F(KHz))+40log(300/3)	2400/F(KHz)
0.49-1.705	3	20log(24000/F(KHz))+ 40log(30/3)	24000/F(KHz)
1.705-30	3	20log(30)+ 40log(30/3)	30
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

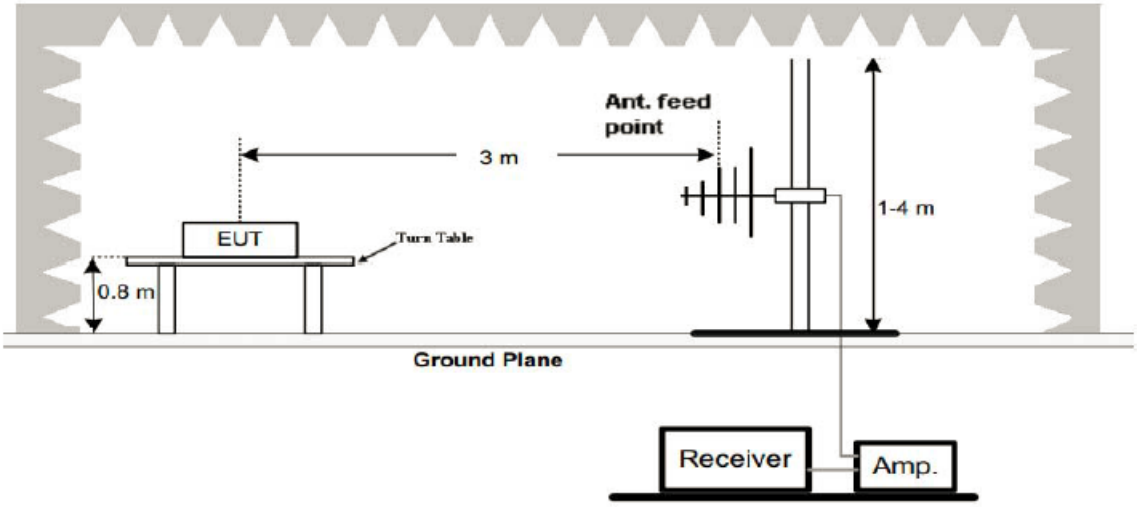
For intentional device, according to § 15.209(a), the general requirement of field strength of radiatedemissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

4.2 Test Setup

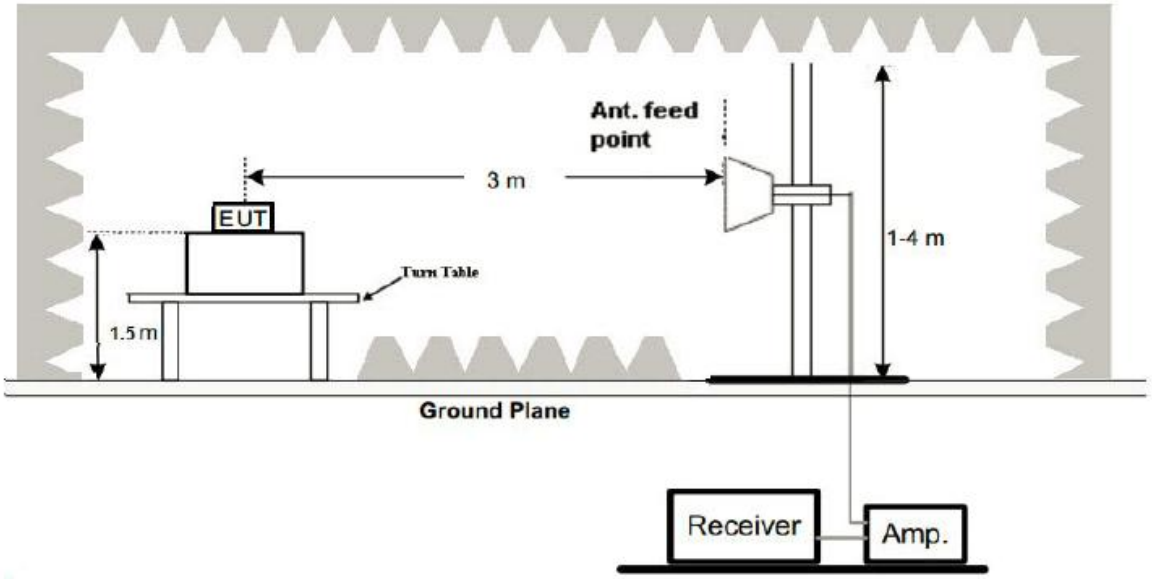
（1）Radiated Emission Test-Up Frequency Below 30MHz



（2）Radiated Emission Test-Up Frequency 30MHz~1GHz



（3）Radiated Emission Test-Up Frequency Above 1GHz



4.3 Test Procedure

1. Below 1GHz measurement the EUT is placed on turntable which is 0.8m above ground plane. And above 1GHz measurement EUT was placed on low permittivity and low tangent turn table which is 1.5m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highestemissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna bothhorizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The test frequency range from 9KHz to25GHz per FCC PART 15.33(a).

Note:
For battery operated equipment, the equipment tests shall be performed using a new battery.

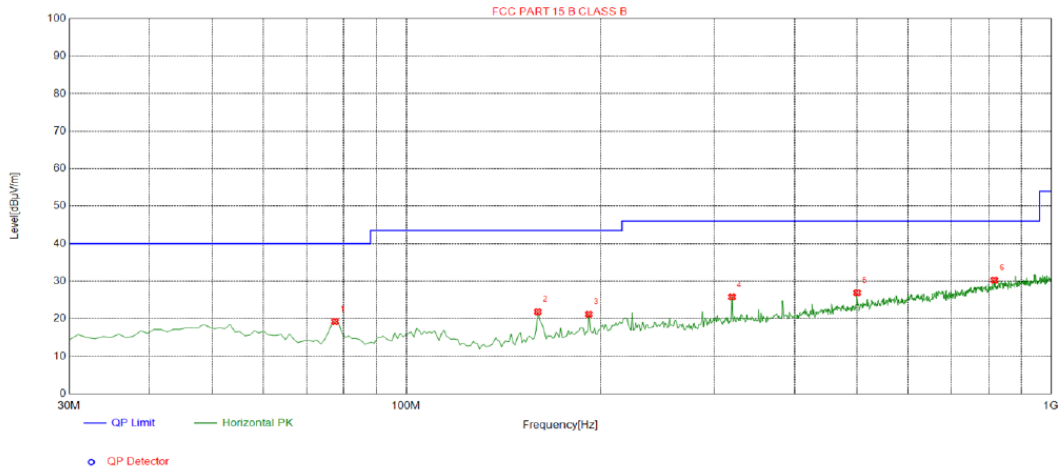
4.4 Test Result

PASS
All the test modes completed for test. The worst case of Radiated Emission is CH 2402; the test data of this mode was reported.

Below 1GHz Test Results:

EUT :	biblle LiTE	Model Name :	BIB_BT-LE01_1905
Temperature :	24 ℃	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2019-08-07
Test Mode :	BT	Polarization :	Horizontal
Test Power :	DC 3V		

Test Graph



Suspected List

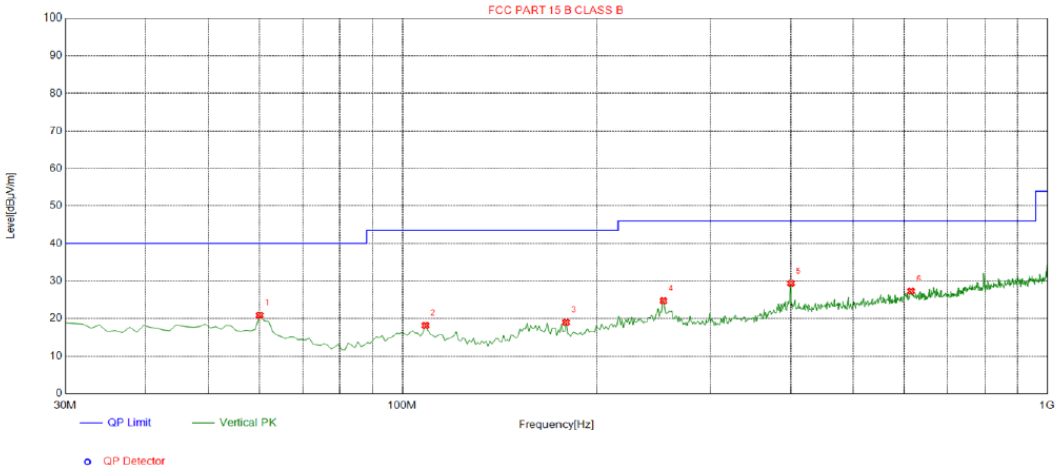
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	77.5300	19.26	-19.03	40.00	20.74	100	352	Horizontal
2	159.980	21.86	-18.22	43.50	21.64	100	152	Horizontal
3	191.990	21.21	-15.82	43.50	22.29	100	317	Horizontal
4	320.030	25.80	-12.10	46.00	20.20	100	308	Horizontal
5	500.450	26.93	-8.29	46.00	19.07	100	355	Horizontal
6	816.670	30.30	-2.79	46.00	15.70	100	251	Horizontal

Final Data List

Remark: Transd = Cable lose + Antenna factor - Pre-amplifier; Margin = Limit – Level

EUT :	biblle LiTE	Model Name :	BIB_BT-LE01_1905
Temperature :	24 ℃	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2019-08-07
Test Mode :	BT	Polarization :	Vertical
Test Power :	DC 3V		

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	60.0700	20.86	-15.18	40.00	19.14	100	12	Vertical
2	108.570	18.14	-15.43	43.50	25.36	100	221	Vertical
3	179.380	18.96	-16.88	43.50	24.54	100	258	Vertical
4	254.070	24.70	-13.44	46.00	21.30	100	12	Vertical
5	400.540	29.40	-10.40	46.00	16.60	100	359	Vertical
6	614.910	27.29	-5.54	46.00	18.71	100	249	Vertical

Final Data List

Remark: Transd = Cable lose + Antenna factor - Pre-amplifier; Margin = Limit – Level

Remark:
(1) Measuring frequencies from 9 KHz to the 1 GHz, Radiated emission test from 9KHz to 30MHzwas verified, and no any emission was found except system noise floor.
(2) * denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
(3) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.

Above 1 GHz Test Results:

CH Low (2402MHz)

Horizontal:

Frequency (MHz)	Reading Result (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
2402	94.32	6.12	100.44	114	-13.56	Peak
2402	69.47	6.12	75.59	94	-18.41	AVG
4804	61.47	-3.64	57.83	74	-16.17	Peak
4804	41.36	-3.64	37.72	54	-16.28	AVG
7206	59.64	-0.95	58.69	74	-15.31	Peak
7206	41.86	-0.95	40.91	54	-13.09	AVG
-	-	-	-	74	-	Peak
-	-	-	-	54	-	AVG
Remark:Factor=Antenna Factor+Cable Loss-Pre-amplifier						

Vertical:

Frequency (MHz)	Reading Result (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
2402	94.32	6.12	100.44	114	-13.56	Peak
2402	67.5	6.12	73.62	94	-20.38	AVG
4804	59.32	-3.64	55.68	74	-18.32	Peak
4804	41.57	-3.64	37.93	54	-16.07	AVG
7206	58.61	-0.95	57.66	74	-16.34	Peak
7206	39.13	-0.95	38.18	54	-15.82	AVG
-	-	-	-	74	-	Peak
-	-	-	-	54	-	AVG
Remark:Factor=Antenna Factor+Cable Loss-Pre-amplifier						

CH Middle (2440MHz)

Horizontal:

Frequency (MHz)	Reading Result (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
2440	93.79	5.93	99.72	114	-14.28	Peak
2440	68.98	5.93	74.91	94	-19.09	AVG
4880	59.36	-3.51	55.85	74	-18.15	Peak
4880	41.08	-3.51	37.57	54	-16.43	AVG
7320	60.57	-0.82	59.75	74	-14.25	Peak
7320	40.05	-0.82	39.23	54	-14.77	AVG
-	-	-	-	74	-	Peak
-	-	-	-	54	-	AVG
Remark:Factor=Antenna Factor+Cable Loss-Pre-amplifier						

Vertical:

Frequency (MHz)	Reading Result (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
2440	94.54	5.93	100.47	114	-13.53	Peak
2440	68.83	5.93	74.76	94	-19.24	AVG
4880	61.04	-3.51	57.53	74	-16.47	Peak
4880	41.52	-3.51	38.01	54	-15.99	AVG
7320	61.39	-0.82	60.57	74	-13.43	Peak
7320	40.07	-0.82	39.25	54	-14.75	AVG
-	-	-	-	74	-	Peak
-	-	-	-	54	-	AVG
Remark:Factor=Antenna Factor+Cable Loss-Pre-amplifier						

CH High (2480MHz)

Horizontal:

Frequency (MHz)	Reading Result (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
2480	94.11	5.82	99.93	114	-14.07	Peak
2480	69.65	5.82	75.47	94	-18.53	AVG
4960	60.28	-3.43	56.85	74	-17.15	Peak
4960	41.96	-3.43	38.53	54	-15.47	AVG
7440	61.07	-0.75	60.32	74	-13.68	Peak
7440	39.46	-0.75	38.71	54	-15.29	AVG
-	-	-	-	74	-	Peak
-	-	-	-	54	-	AVG
Remark:Factor=Antenna Factor+Cable Loss-Pre-amplifier						

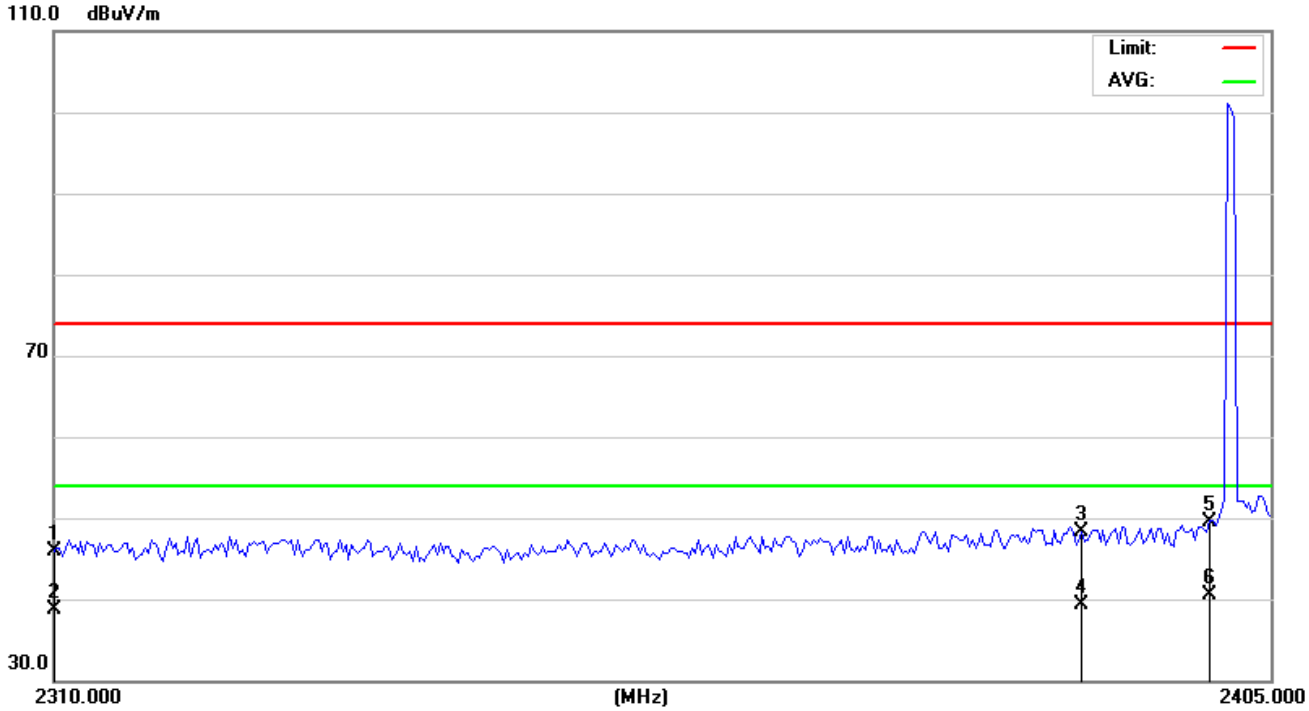
Vertical:

Frequency (MHz)	Reading Result (dBuV)	Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
2480	93.54	5.82	99.36	114	-14.64	Peak
2480	68.25	5.82	74.07	94	-19.93	AVG
4960	61.36	-3.43	57.93	74	-16.07	Peak
4960	41.52	-3.43	38.09	54	-15.91	AVG
7440	59.84	-0.75	59.09	74	-14.91	Peak
7440	40.31	-0.75	39.56	54	-14.44	AVG
-	-	-	-	74	-	Peak
-	-	-	-	54	-	AVG
Remark:Factor=Antenna Factor+Cable Loss-Pre-amplifier						

Radiated Band Edge Test:

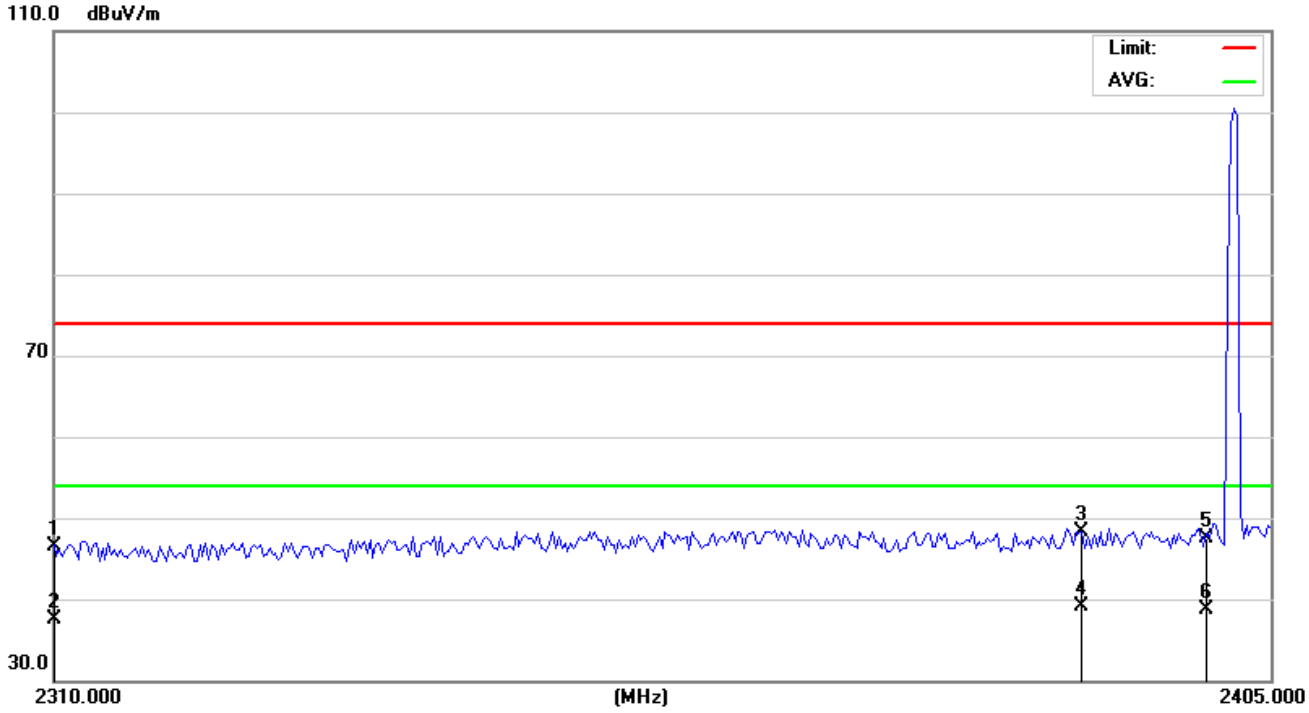
Operation Mode: TX CH Low (2402MHz)

Horizontal (Worst case)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2310.000	39.64	6.36	46.00	74.00	-28.00	peak	200	169	
2		2310.000	32.36	6.36	38.72	54.00	-15.28	AVG	200	169	
3		2390.000	41.89	6.51	48.40	74.00	-25.60	peak	200	243	
4		2390.000	32.86	6.51	39.37	54.00	-14.63	AVG	200	243	
5		2400.000	43.07	6.53	49.60	74.00	-24.40	peak	400	362	
6	*	2400.000	33.99	6.53	40.52	54.00	-13.48	AVG	400	362	

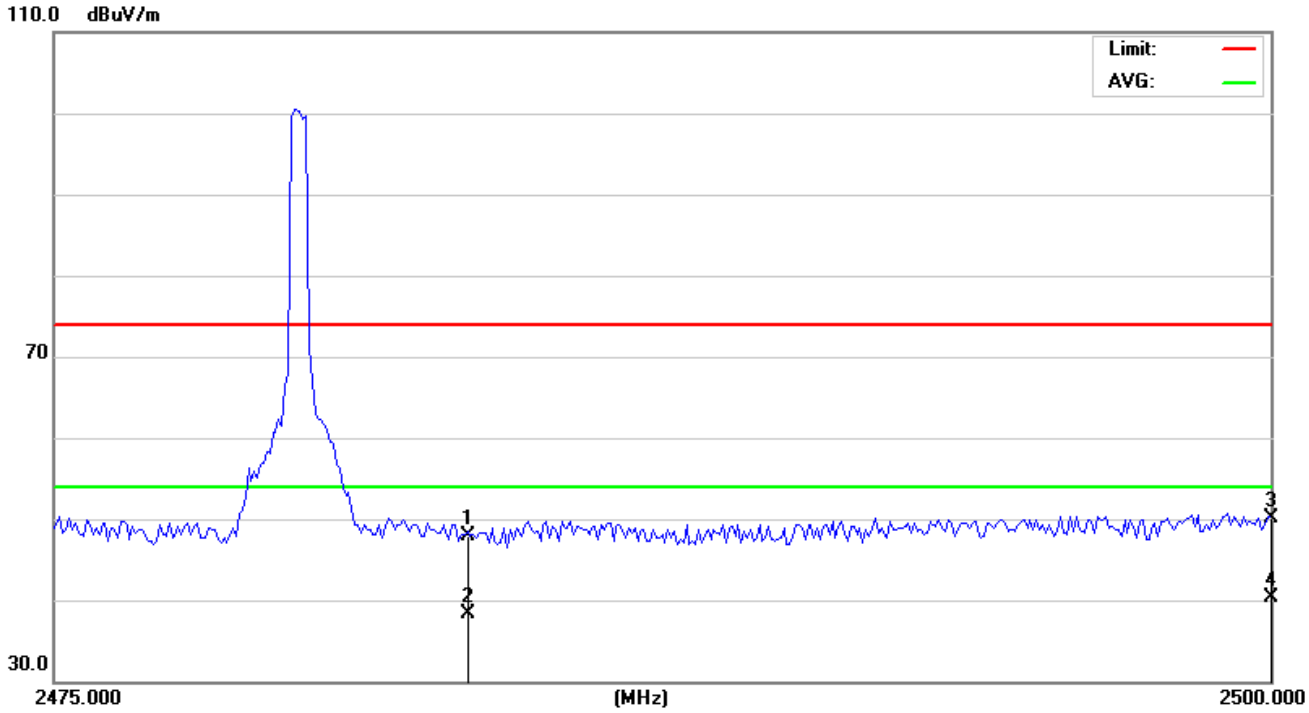
Vertical:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2310.000	40.24	6.36	46.60	74.00	-27.40	peak	200	189	
2		2310.000	31.17	6.36	37.53	54.00	-16.47	AVG	200	189	
3		2390.000	41.89	6.51	48.40	74.00	-25.60	peak	300	348	
4	*	2390.000	32.65	6.51	39.16	54.00	-14.84	AVG	300	348	
5		2400.000	40.97	6.53	47.50	74.00	-26.50	peak	200	152	
6		2400.000	32.09	6.53	38.62	54.00	-15.38	AVG	200	152	

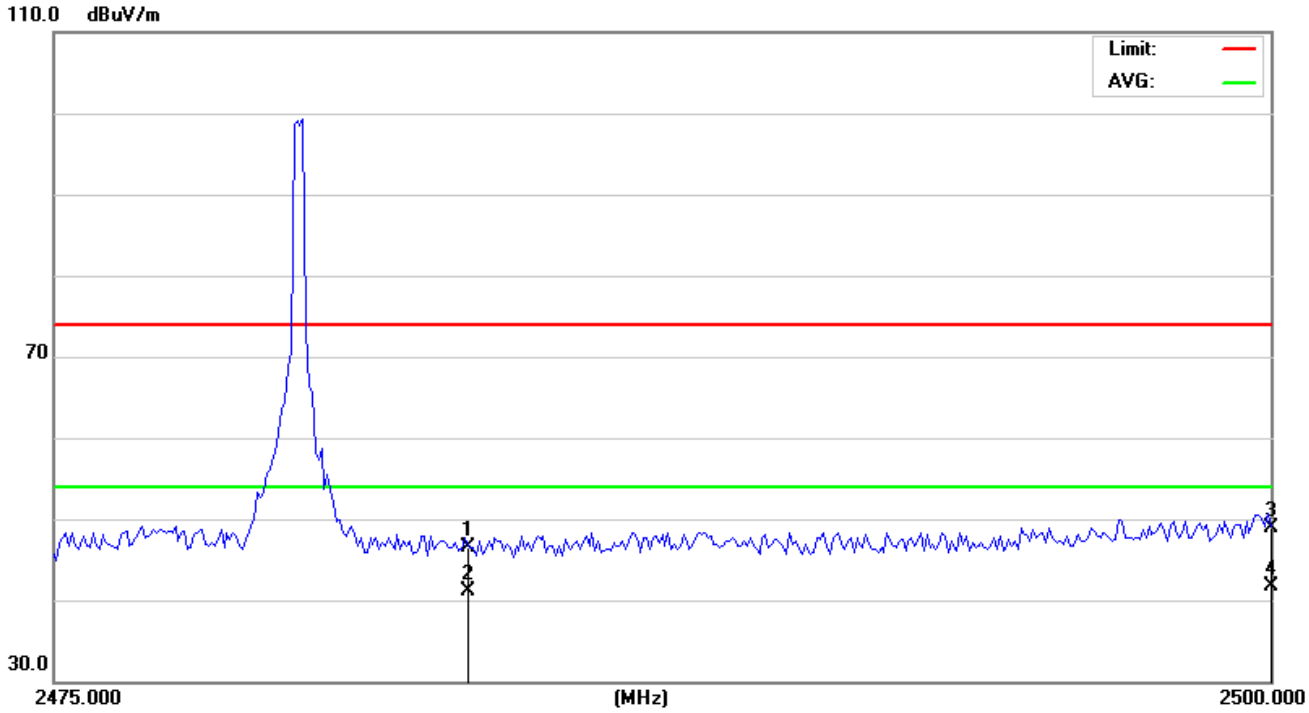
Operation Mode: TX CH High (2480MHz)

Horizontal (Worst case)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2483.500	41.40	6.50	47.90	74.00	-26.10	peak	300	59	
2		2483.500	31.76	6.50	38.26	54.00	-15.74	AVG	300	59	
3		2500.000	43.61	6.49	50.10	74.00	-23.90	peak	200	176	
4	*	2500.000	33.86	6.49	40.35	54.00	-13.65	AVG	200	176	

Vertical:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2483.500	40.00	6.50	46.50	74.00	-27.50	peak	300	328	
2		2483.500	34.57	6.50	41.07	54.00	-12.93	AVG	300	328	
3		2500.000	42.41	6.49	48.90	74.00	-25.10	peak	200	106	
4	*	2500.000	35.25	6.49	41.74	54.00	-12.26	AVG	200	106	

Remark：
(1) Measuring frequencies from 1 GHz to the 25 GHz。
(2) “F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency.
(3) * denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
(4) Data of measurement within this frequency range shown “--- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
(5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.The resolution bandwidth of test receiver/spectrum analyzer is 1MHzand video bandwidth is 3MHz for peak measurement with peak detectorat frequency above 1GHz.The resolution bandwidth of test receiver/spectrum analyzer is 1MHzand video bandwidth is 10Hz for Average measurement with peak detection at frequency above 1GHz.
(6)All modes of operation were investigated and the worst-case emissionsare reported.

5 BAND EDGE

5.1 Limits

FCC PART 15.249(d) Emissions radiated outside of the specified frequency bands, except for harmonics,shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emissionlimits in §15.209, whichever is the lesser attenuation.

5.2 Test Procedure

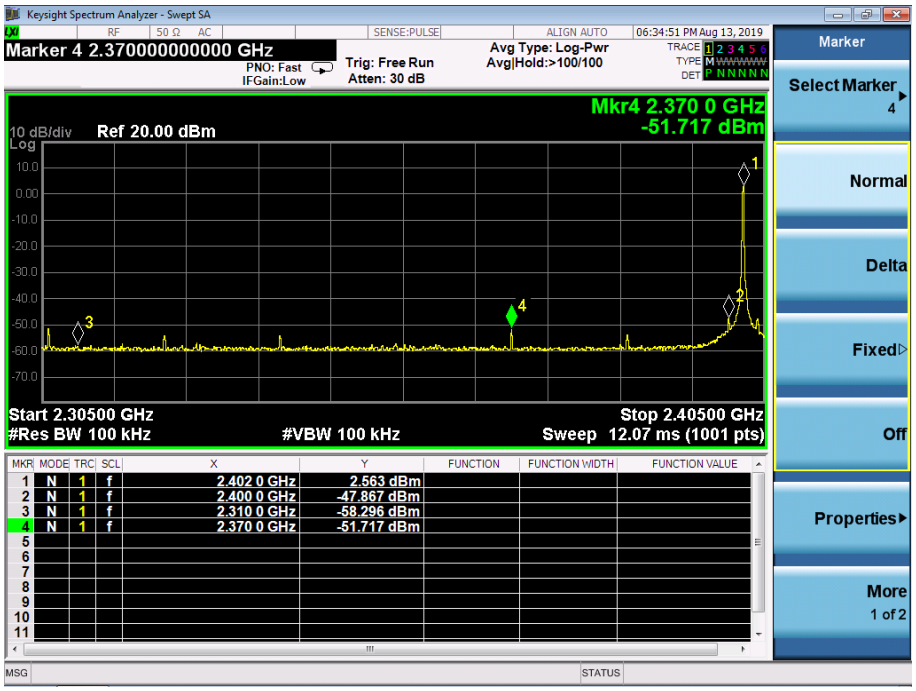
The band edge compliance of RF radiated emission should be measured by following the guidance in ANSIC63.10 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT issituated in three orthogonal planes (if appropriate), adjusting the measurement antenna height andpolarization etc. Set RBW to 100KHz and VBM to 300KHz to measure the peak field strength and setRBW to 1MHz and VBW to 10Hz to measure the average radiated field strength.The conducted RF band edge was measured by using a spectrum analyzer. Set span wide enough to capture the highest in-band emission and the emission at the band edge. Set RBW to 100 KHz and VBW to 300 KHz,to measure the conducted peak band edge.

5.3 Test Result

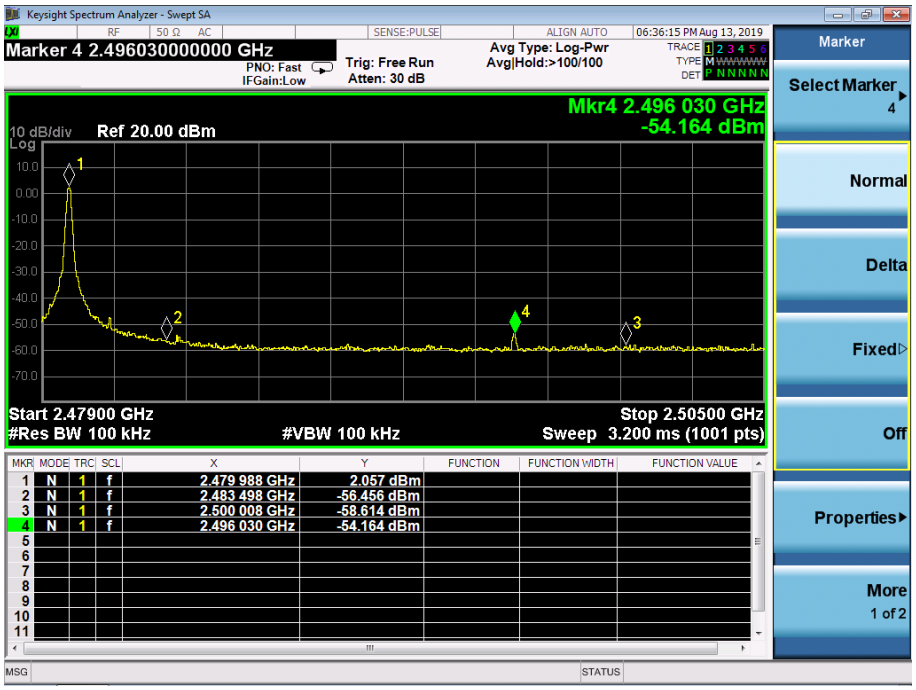
PASS

Conduction

2402



2480



Frequency GHz	Fundamental wave dBm	Test level dBm	Limit dB	Margin	Result
2.400	2.563	-47.867	>50	50.43	PASS
2.310	2.563	-58.296	>50	60.859	PASS
2.370	2.563	-51.517	>50	54.08	PASS
2.4835	2.057	-56.456	>50	58.513	PASS
2.496	2.057	-58.614	>50	60.671	PASS
2.500	2.057	-54.164	>50	56.221	PASS

6 OCCUPIED BANDWIDTH MEASUREMENT

6.1 Test Setup

Same asRadiated Emission Measurement

6.2 Test Procedure

1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Set EUT as normal operation.
3. Based on ANSI C63.10 section 6.9.2: RBW= 30KHz. VBW= 100 KHz, Span=2MHz.
4. The useful radiated emission from the EUT was detected by the spectrum analyser with peak detector.

6.3 Measurement Equipment Used

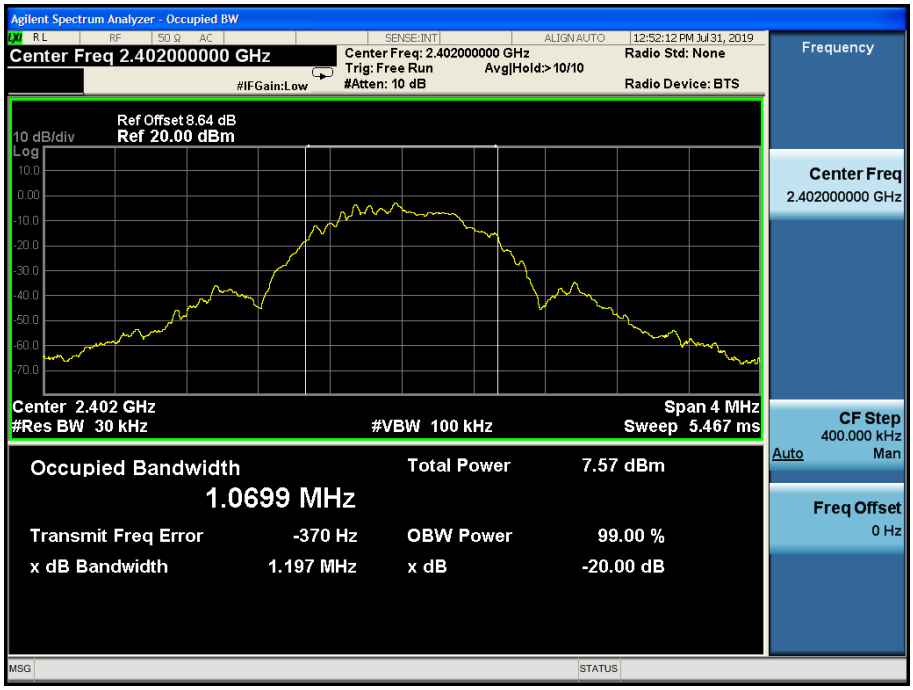
Same asRadiated Emission Measurement

6.4 Test Result

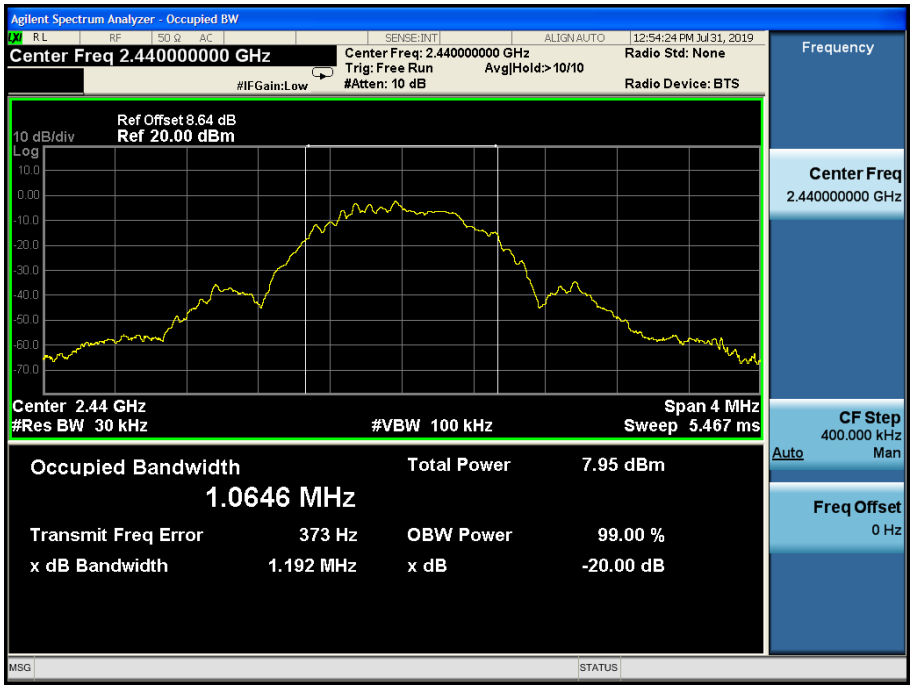
PASS

Frequency	20dB Bandwidth (MHz)	Result
2402 MHz	1.070	**PASS**
2440 MHz	1.065	**PASS**
2480 MHz	1.062	**PASS**

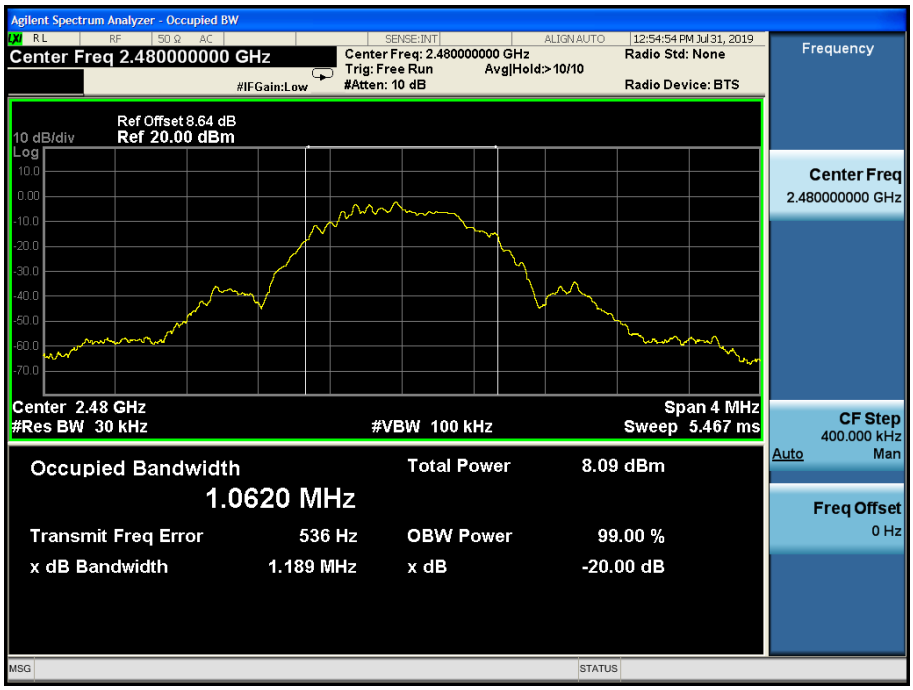
CH: 2402MHz



CH: 2440MHz



CH: 2480MHz



7 ANTENNA REQUIREMENT

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed toensure that no antenna other than that furnished by the responsible party shall be used with the device.And according to FCC 47 CFR Section 15.249, if transmitting antennas of directional gain greater than6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antennaexceeds 6dBi.

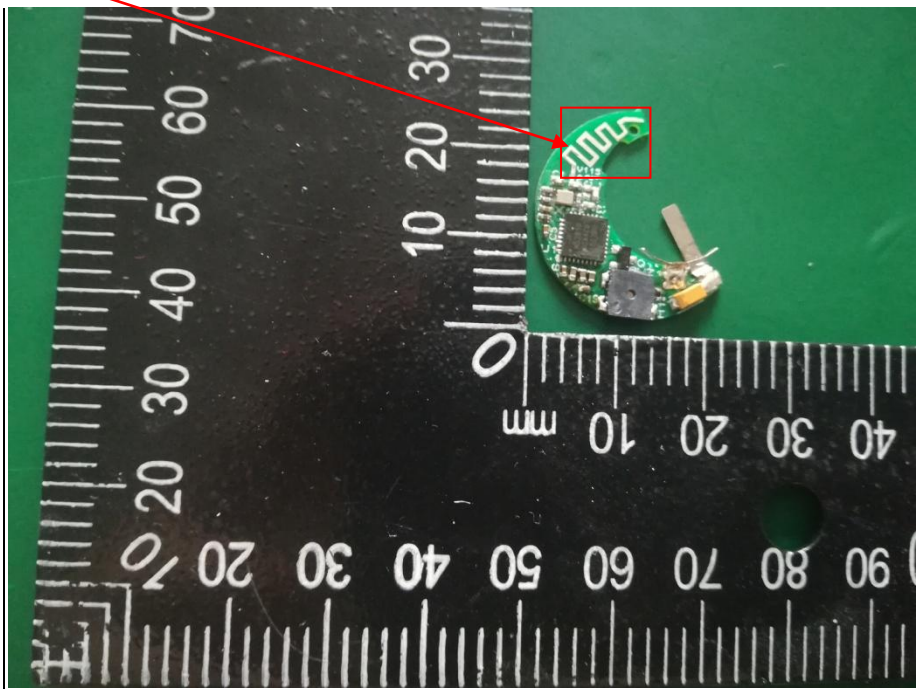
Refer to statement below for compliance.

The manufacturer may design the unit so that the user can replace a broken antenna, but the use of astandard antenna jack or electrical connector is prohibited. Further, this requirement does not apply tointentional radiators that must be professionally installed.

Antenna Connected Construction

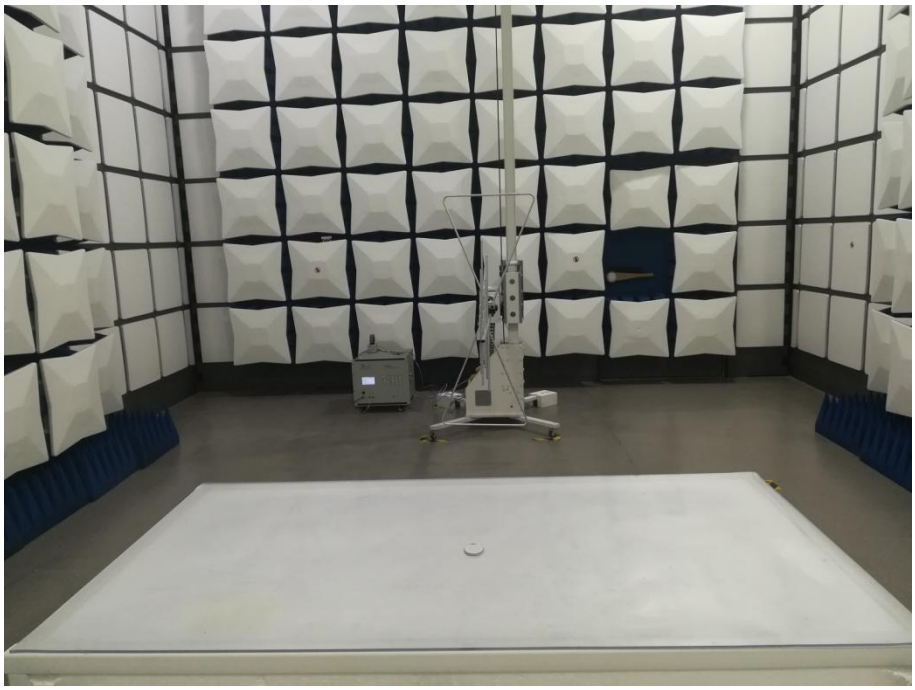
The antenna used in this product is a PCB Antenna, The directional gains of antenna used for transmitting is 0dBi.

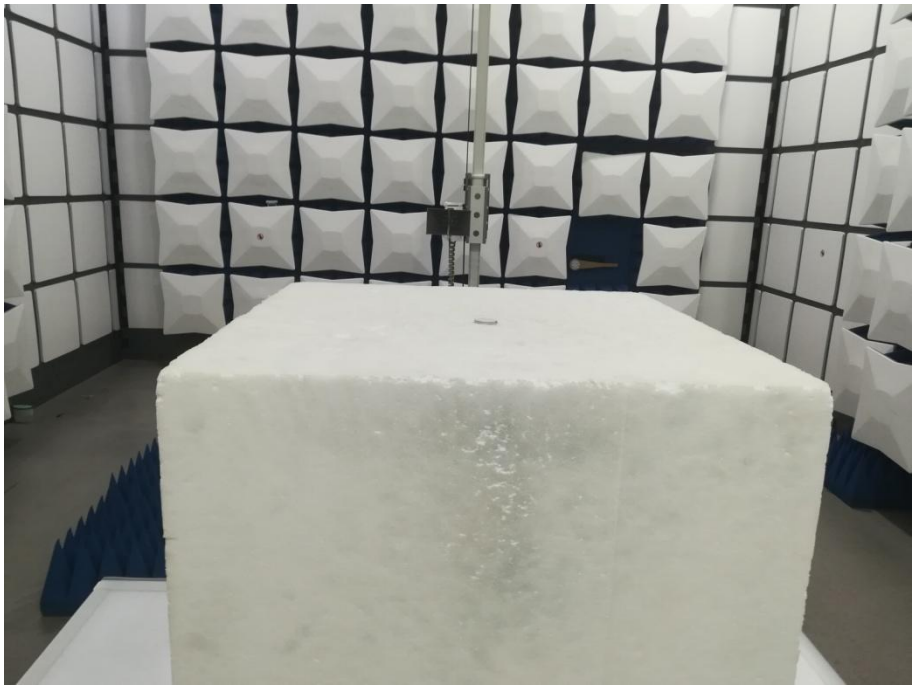
ANTENNA



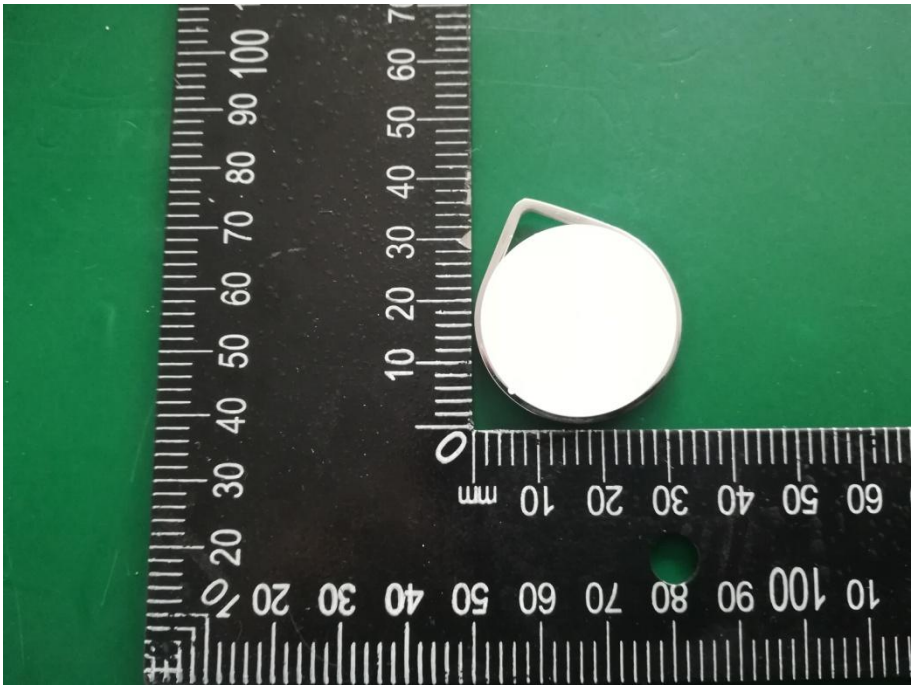
8 PHOTOGRAPH OF TEST

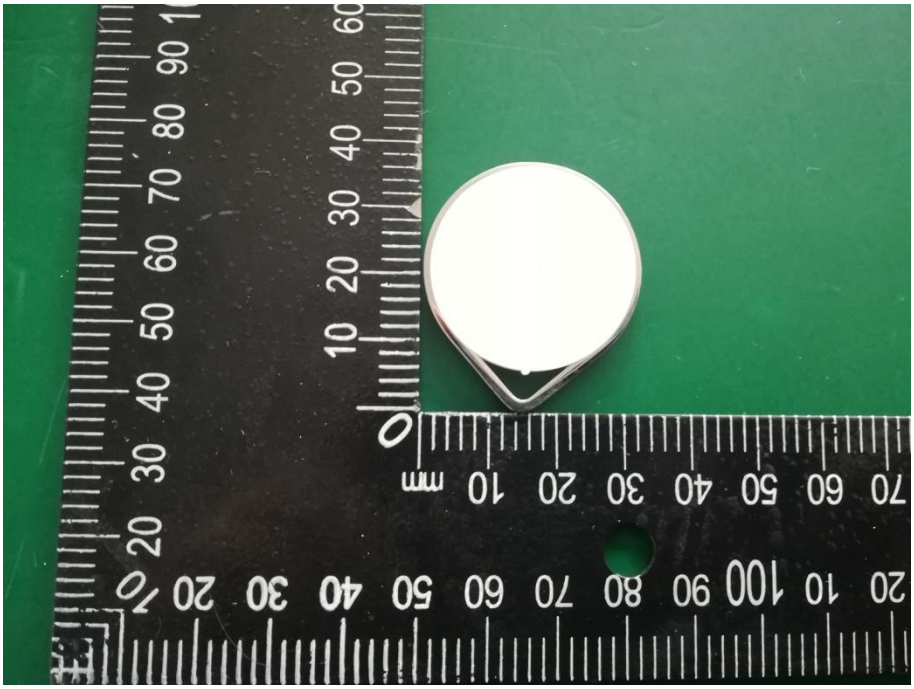
8.1Radiated Emission

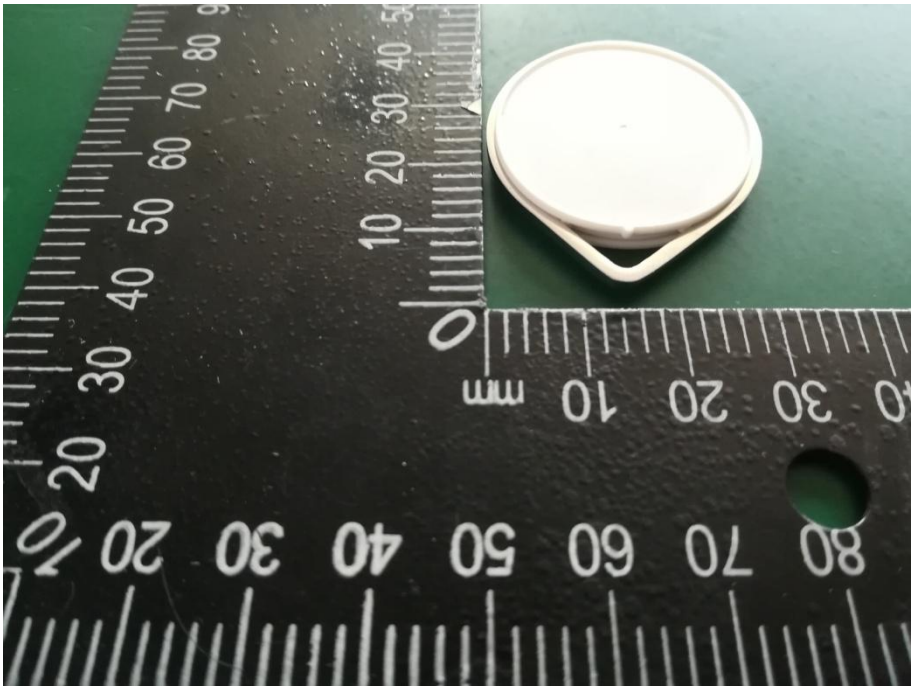


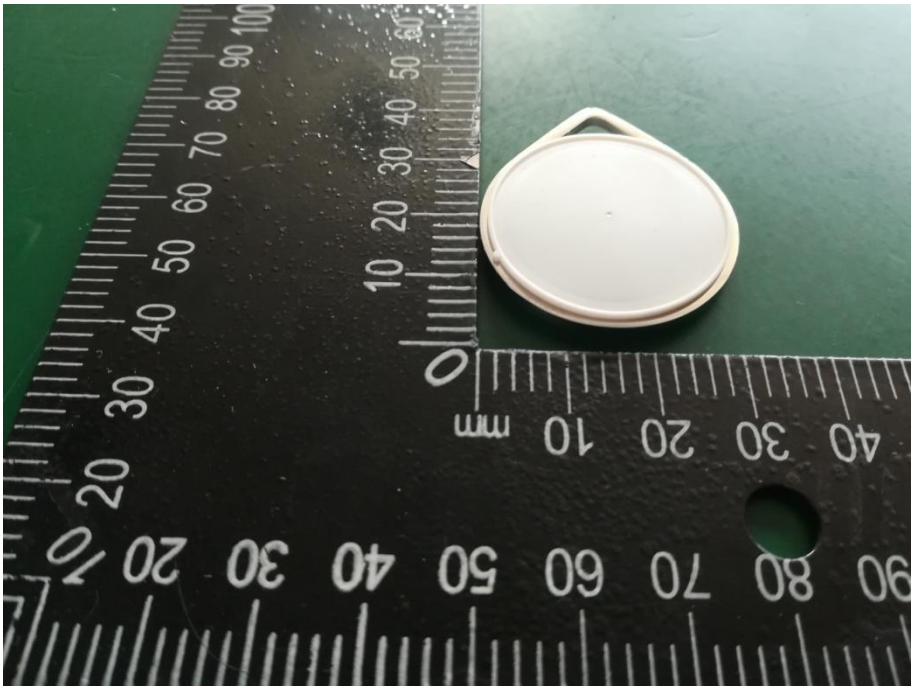


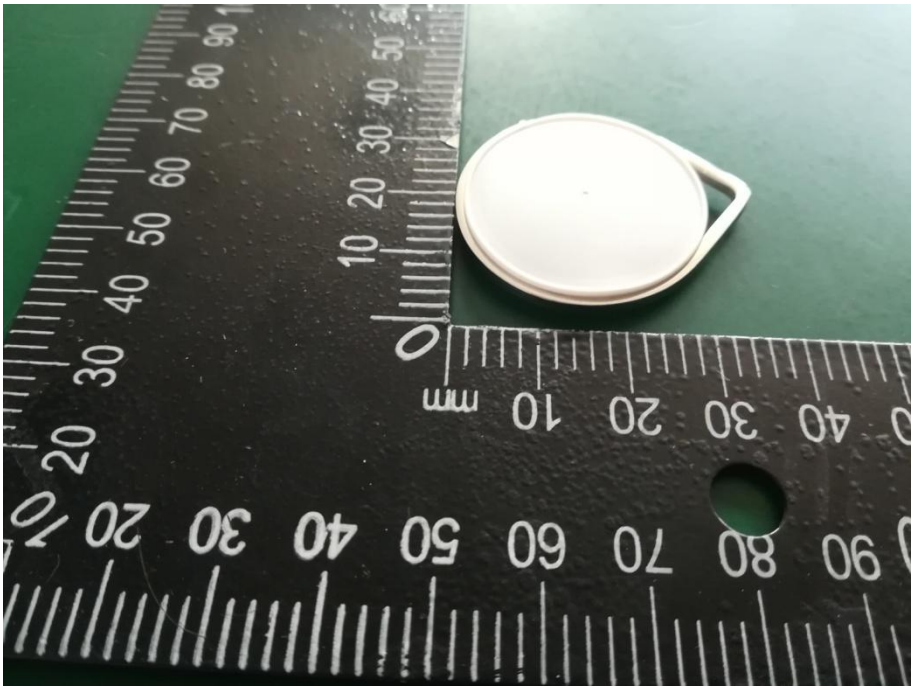
EUT

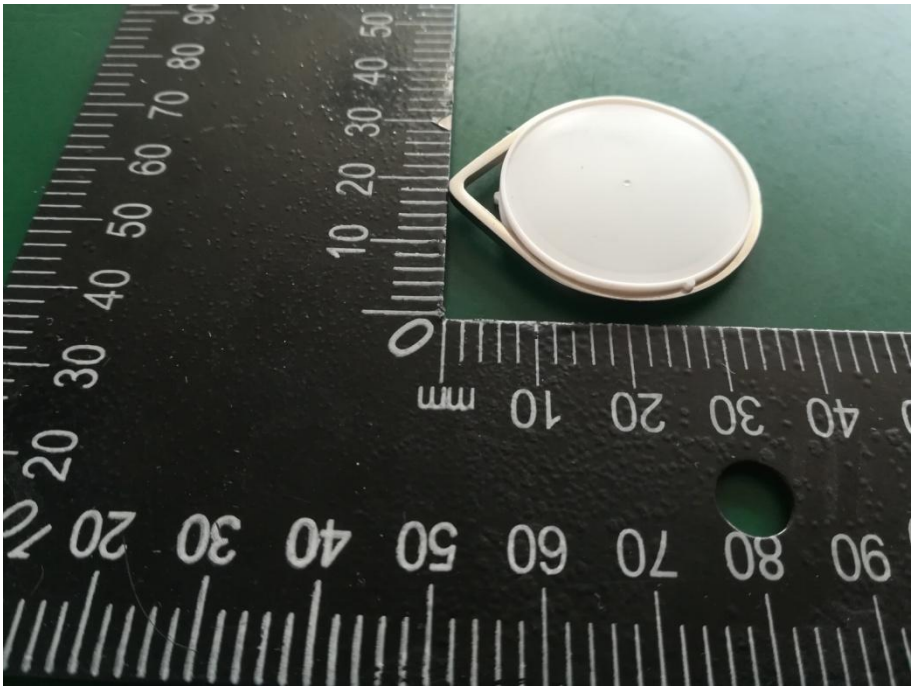


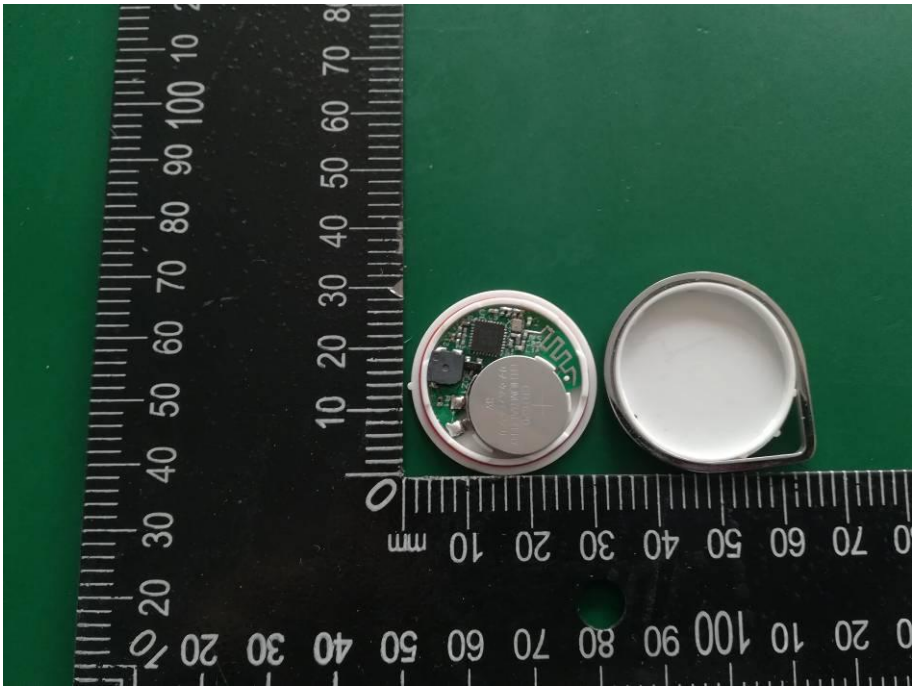


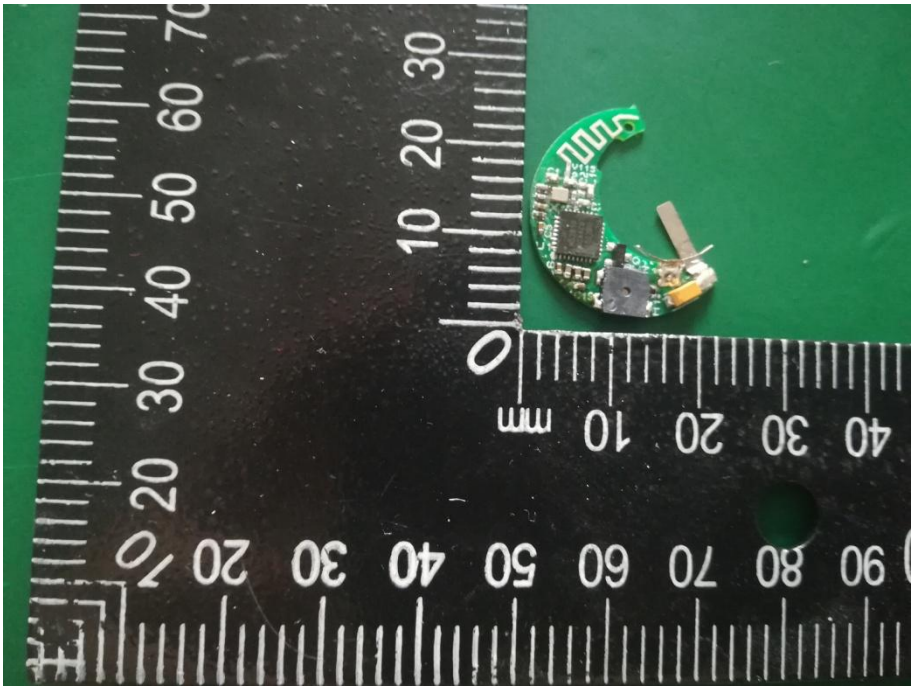


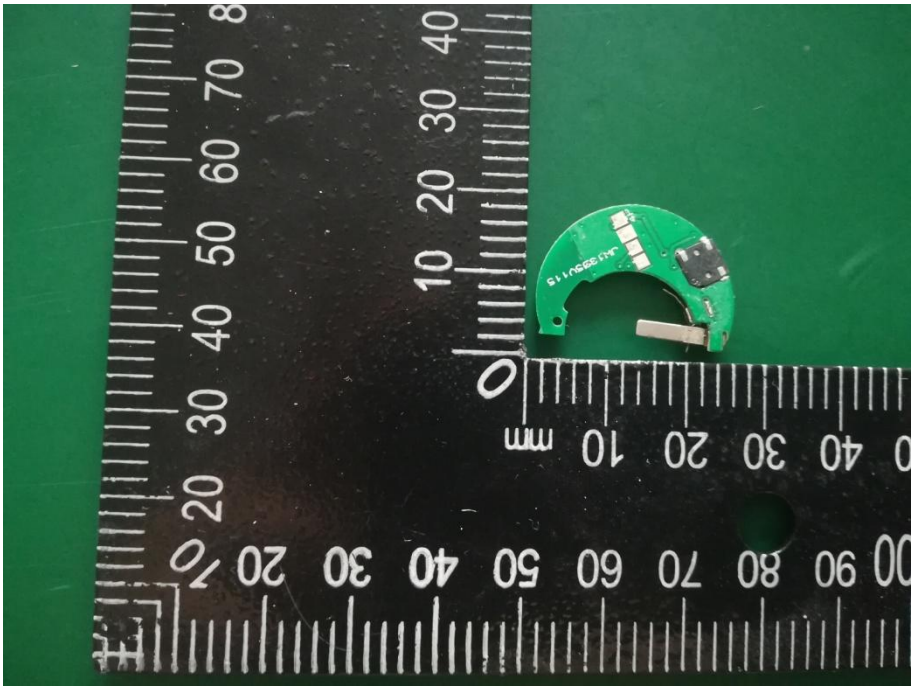












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