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Report No.: GZEM150500235001  
Page: 1 of 18

## TEST REPORT

The following sample(s) was/were submitted and identified on behalf of the client as:

<b>Application No.:</b>	GZEM1505002350HS
<b>Applicant:</b>	Xiamen NETE Sanitary CO ., Ltd
<b>Manufacturer:</b>	The same as applicant
<b>Product Description:</b>	Night light Bidet
<b>Model No.:</b>	NB001-01P, NB001-02P, NB001-03P, NB001-04P, NB001-01B, NB001-02B, NB001-03B, NB001-04B, NB002-01P, NB002-02P, NB002-01B, NB002-02B, NB003-* ♣
♣	Please refer to section 3 of this report for more details.
<b>Standards:</b>	CFR 47 FCC PART 15 SUBPART B:2014
<b>Date of Receipt:</b>	2015-05-21
<b>Date of Test:</b>	2015-06-01
<b>Date of Issue:</b>	2015-06-04
<b>Test Result :</b>	<b>Pass*</b>

\* In the configuration tested, the EUT complied with the standards specified above.



Authorized Signature:

**Kobe Jian**  
**Manager**

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

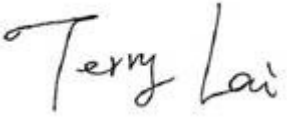

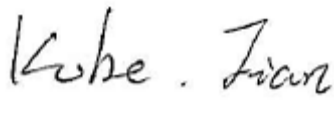
The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. All test results in this report can be traceable to National or International Standards.

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## 2 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
00		2015-06-04		Original

Authorized for issue by:			
Tested By			2015-05-21 Date
	(Terry Lai) / Project Engineer		
Prepared By			2015-06-03 Date
	(Icy Chen) / Clerk		
Checked By			2015-06-04 Date
	(Kobe Jian) / Reviewer		



### 3 Test Summary

Electromagnetic Interference (EMI)				
Test	Test Requirement	Test Method	Class / Severity	Result
Radiated Emission (30 MHz to 1 GHz)	FCC PART 15 SUBPART B:2014	ANSI C63.4:2009	Class B	PASS
Radiated Emission above 1 GHz	FCC PART 15 SUBPART B:2014	N/A	Class B	N/A

**Remark :**

**EUT:** In this whole report EUT means Equipment Under Test.

**N/A:** Not applicable, please refer to section 7.2 of this report for details.

♣ **Model No.:** NB001-01P, NB001-02P, NB001-03P, NB001-04P, NB001-01B, NB001-02B, NB001-03B, NB001-04B, NB002-01P, NB002-02P, NB002-01B, NB002-02B, NB003-\*

According to the declaration from the applicant, the electrical circuit design, layout, components used and internal wiring were identical for all models, with only difference being the outer decoration, outer appearance, model name.

Therefore only one model **NB001-04P** was tested in this report.



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## 5 General Information

### 5.1 Client Information

Applicant: Xiamen NETE Sanitary CO., Ltd  
Address of Applicant: Room 601, NO. 1818, Chang-an Road, Huli District, Xiamen China  
Manufacturer: The same as applicant  
Address of Manufacturer: The same as applicant

### 5.2 General Description of E.U.T.

Product Description: Night light Bidet  
Model No.: NB001-04P

### 5.3 Details of E.U.T.

Rated Supply (Voltage): DC 3V = 1.5V x 2 Size 'AAA' batteries  
Power Cord: N/A

### 5.4 Description of Support Units

The EUT has been tested as an independent unit.



## 5.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **NVLAP (Lab Code: 200611-0)**

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 200611-0.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

- **ACMA**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our NVLAP accreditation.

- **SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO**

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

- **CNAS (Lab Code: L0167)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been assessed and in compliance with CNAS-CL01:2006 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of Testing Laboratories.

- **FCC (Registration No.: 282399)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 282399, May 31, 2002.

- **Industry Canada (Registration No.: 4620B-1)**

The 3m/10m Alternate Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Certification and Engineering of Industry Canada for radio equipment testing with Registration No. 4620B-1.

- **VCCI (Registration No.: R-2460, C-2584, G-449 and T-1179)**

The 10m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services Co. Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-2460, C-2584, G-449 and T-1179 respectively.

- **CBTL (Lab Code: TL129)**

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2005, the Basic Rules, IECEE 01:2006-10 and Rules of procedure IECEE 02:2006-10, and the relevant IECEE CB-Scheme Operational documents.



## 5.6 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory,  
198 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District,  
Guangzhou, China 510663

Tel: +86 20 82155555 Fax: +86 20 82075059

No tests were sub-contracted.

## 5.7 Deviation from Standards

None.

## 5.8 Abnormalities from Standard Conditions

None.

## 5.9 General Test Climate During Testing

Temperature: 15-30 °C Humidity: 30~70 %RH Atmospheric Pressure: 860~1060 mbar



## 6 Equipment List

RE in Chamber						
No.	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. date	Cal. Due date
					(YYYY-MM-DD)	(YYYY-MM-DD)
EMC0525	Compact Semi-Anechoic Chamber	ChangZhou ZhongYu	N/A	N/A	2014-12-5	2015-12-5
EMC0522	EMI Test Receiver	Rohde & Schwarz	ESIB26	100283	2015-03-02	2016-03-02
EMC0056	EMI Test Receiver	Rohde & Schwarz	ESCI	100236	2015-04-07	2016-04-07
EMC0528	RI High frequency Cable	SGS	20 m	N/A	2014-04-19	2016-04-19
EMC2025	Trilog Broadband Antenna 30-1000MHz	SCHWARZBECK MESS-ELEKTRONIK	VULB 9160	9160-3372	2014-07-14	2017-07-14
EMC0524	Bi-log Type Antenna	Schaffner -Chase	CBL6112B	2966	2013-08-31	2016-08-31
EMC0519	Bilog Type Antenna	Schaffner -Chase	CBL6143	5070	2014-05-04	2017-05-04
EMC2026	Horn Antenna 1-18GHz	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120D	9120D-841	2013-08-31	2016-08-31
EMC0518	Horn Antenna	Rohde & Schwarz	HF906	100096	2012-07-01	2015-07-01
EMC0521	1-26.5 GHz Pre-Amplifier	Agilent	8449B	3008A01649	2015-03-02	2016-03-02
EMC2065	Amplifier	HP	8447F	N/A	2014-08-25	2015-08-25
EMC0075	310N Amplifier	Sonoma	310N	272683	2015-03-02	2016-03-02
EMC0523	Active Loop Antenna	EMCO	6502	42963	2014-03-03	2016-03-03
EMC2041	Broad-Band Horn Antenna (14)15-26.5(40)GHZ	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9170	9170-375	2014-05-26	2017-05-26
EMC2079	High Pass Filter(915MHz)	FSY MICROWAVE	HM1465-9SS	009	2015-03-02	2016-03-02
EMC2069	2.4GHz filter	Micro-Tronics	BRM 50702	149	2015-03-02	2016-03-02
EMC0530	10m Semi-Anechoic Chamber	ETS	N/A	N/A	2014-05-03	2016-05-03

General used equipment						
No.	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. date	Cal. Due date
					(YYYY-MM-DD)	(YYYY-MM-DD)
EMC0006	DMM	Fluke	73	70681569	2014-09-15	2015-09-15
EMC0007	DMM	Fluke	73	70671122	2014-09-15	2015-09-15





## 7 Emission Test Results

### 7.1 Radiated Emissions, 30MHz to 1GHz

Test Requirement: FCC Part15 B  
Test Method: ANSI C63.4  
Test Voltage: DC 3V  
Test Date: 2015-06-01  
Frequency Range: 30MHz to 1GHz  
Measurement Distance: 10 m  
Detector: Peak for pre-scan  
Quasi-Peak if maximised peak within 20dB of limit  
(120 kHz resolution bandwidth)  
Class / Limit: Class B

Frequency range MHz	Quasi-peak limits dB ( $\mu$ V/m)
30 to 88	29.5
88 to 216	33.1
216 to 960	35.6
Above 960	43.5

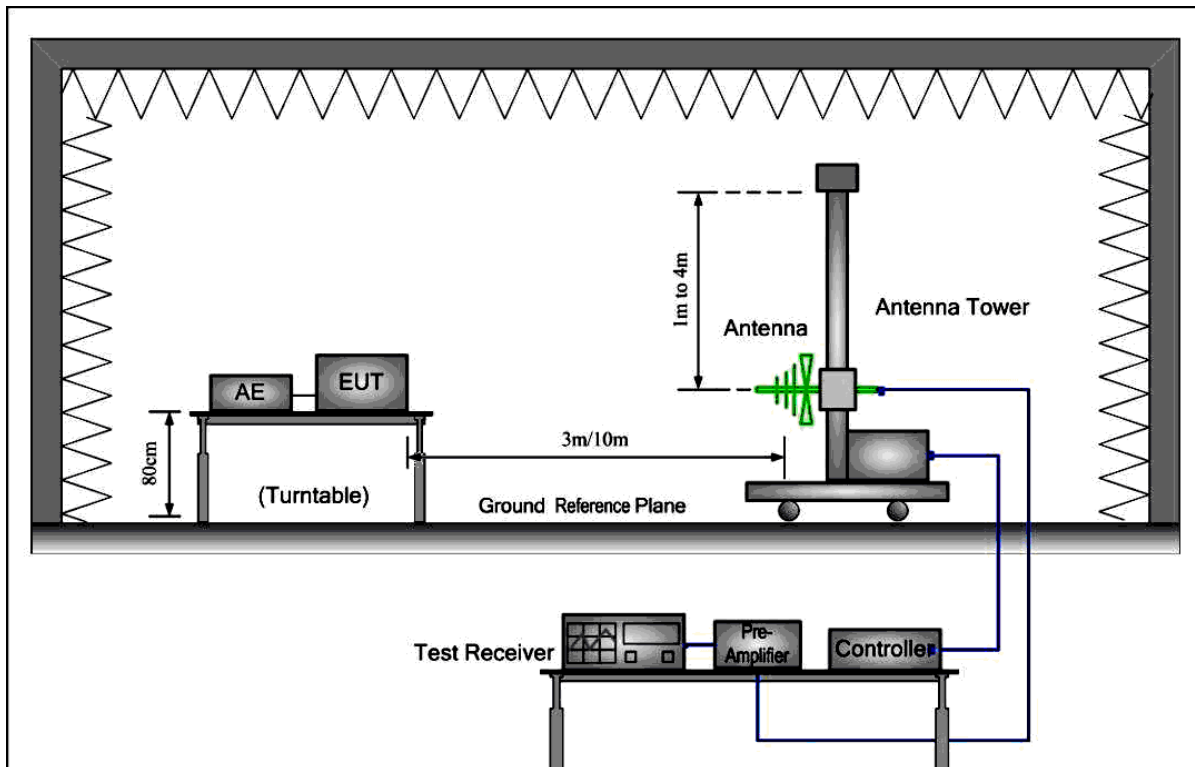
Note 1: At transitional frequencies the lower limit applies.

Note 2: The limit had been calculate according to FCC Part 15 Subpart A Section 15.31(f) (1) using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements).

#### 7.1.1 E.U.T. Operation

Test the EUT in LED Lighting mode.

## 7.1.2 Test Setup and Procedure



1. The radiated emissions test was conducted in a semi-anechoic chamber.
2. Biconical and log periodic antenna was used for the frequency range from 30MHz to 1GHz
3. The EUT was connected to nominal power supply through a mains power outlet which was bonded to the ground reference plane; The mains cables were draped to the ground reference plane. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
4. Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emissions spectrum plots of the EUT.
5. The frequencies of maximum emission were determined in the final radiated emissions measurement. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.

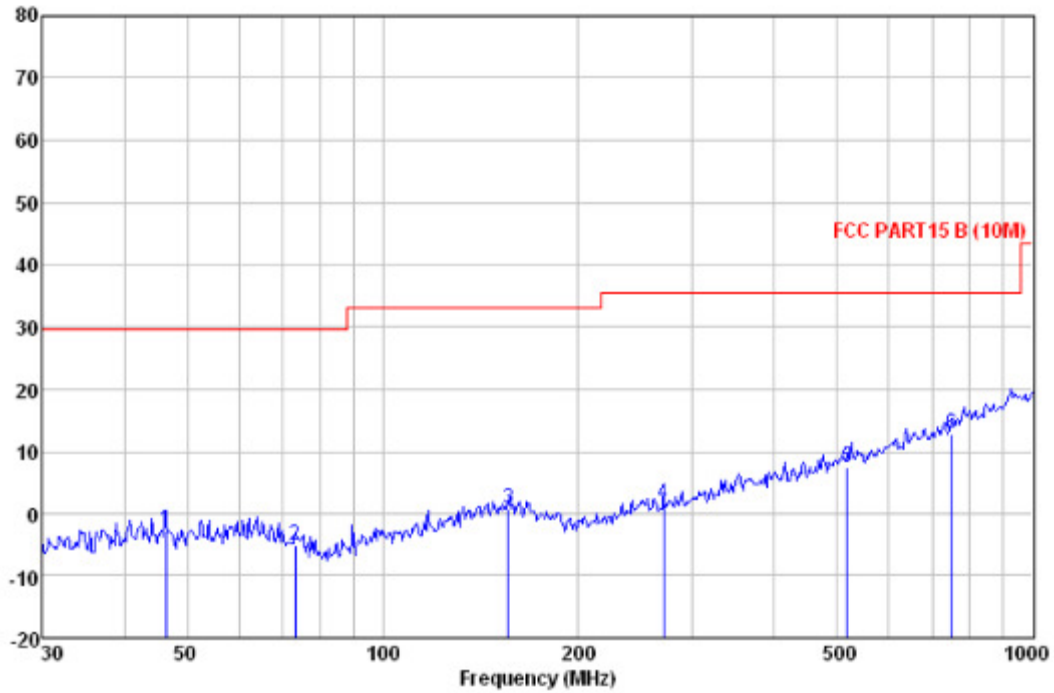


### 7.1.3 Measurement Data

Vertical:

Peak scan

Level (dB $\mu$ V/m)



Quasi-peak measurement

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
MHz	dB $\mu$ V	dB/m	dB	dB	dB $\mu$ V/m	dB $\mu$ V/m	dB	
46.340	15.38	11.98	1.06	31.00	-2.58	29.50	-32.08	QP
73.359	15.23	9.45	1.24	31.00	-5.08	29.50	-34.58	QP
155.910	17.05	13.16	1.71	31.07	0.85	33.10	-32.25	QP
270.375	17.87	12.31	2.31	31.02	1.47	35.60	-34.13	QP
517.248	17.80	17.60	3.11	30.98	7.53	35.60	-28.07	QP
750.108	18.25	21.85	3.65	30.90	12.85	35.60	-22.75	QP

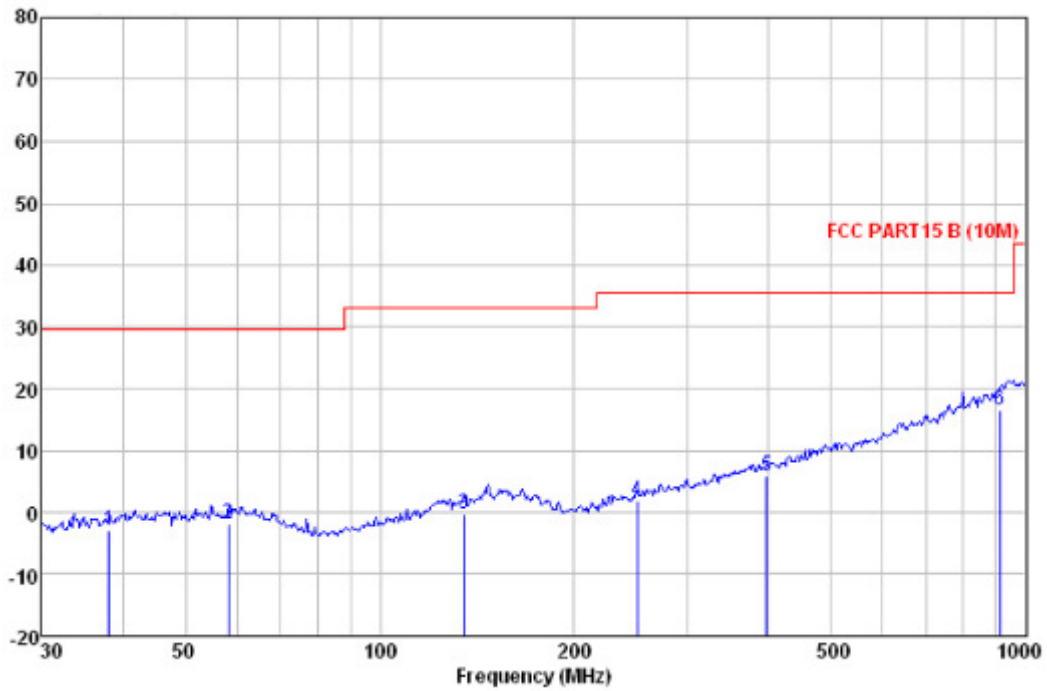
**Level = Read Level + Antenna Factor + Cable Loss – Preamp Factor.**



**Horizontal:**

Peak scan

Level (dB $\mu$ V/m)



Quasi-peak measurement

Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
MHz	dB $\mu$ V	dB/m	dB	dB	dB $\mu$ V/m	dB $\mu$ V/m	dB	
38.078	15.27	11.82	0.96	31.01	-2.96	29.50	-32.46	QP
58.407	16.12	11.88	1.10	31.00	-1.90	29.50	-31.40	QP
135.032	16.83	12.32	1.52	31.04	-0.37	33.10	-33.47	QP
250.301	19.14	11.65	2.16	31.04	1.91	35.60	-33.69	QP
397.633	18.60	15.38	2.80	30.90	5.88	35.60	-29.72	QP
912.862	20.18	23.35	4.01	30.88	16.66	35.60	-18.94	QP

**Level = Read Level + Antenna Factor + Cable Loss – Preamp Factor.**



## 7.2 Radiated Emissions above 1 GHz

Test Requirement: FCC Part15 B  
Frequency Range: 1GHz to 40GHz  
Measurement Distance: 3 m  
Class / Limit: Class B  
Test Date: N/A: See Remark Below

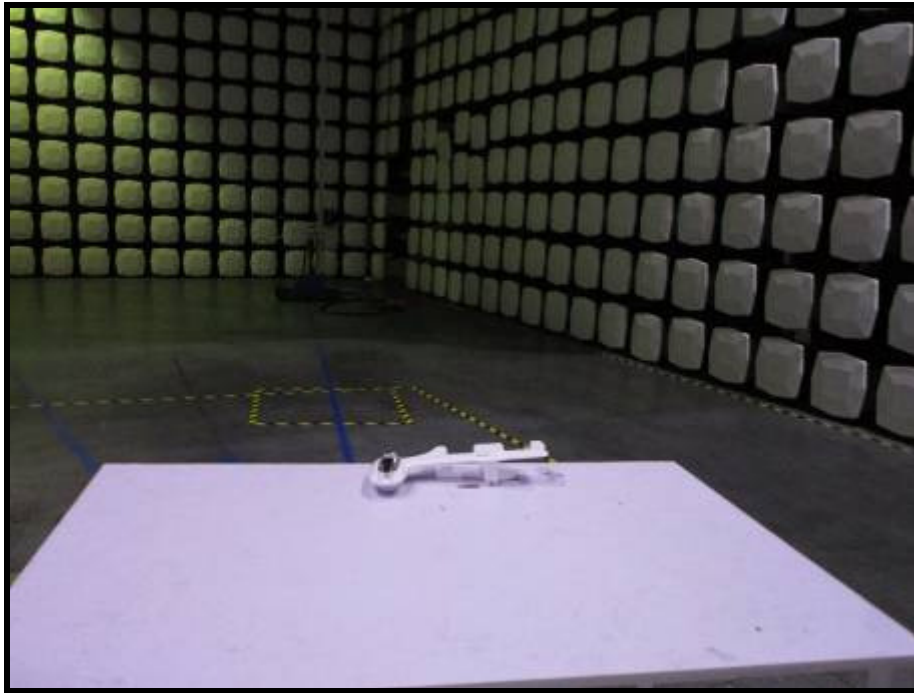
### Remark:

There is no need for Radiated Emissions (above 1G) test to be performed on this product in accordance with FCC Part 15: 2014 because the highest internal source is less than 108 MHz. For further details, please refer to Subject B section 15.33 (b) (1)of FCC Part 15 which states: The spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement Range (MHz)
Below 1.705	30
1.705 to 108	1000
108 to 500	2000
500 to 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

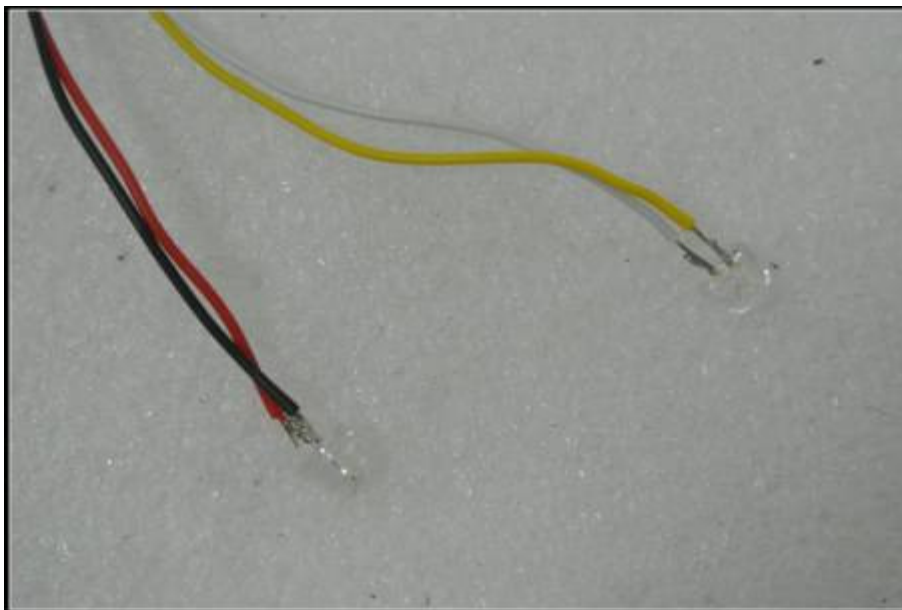
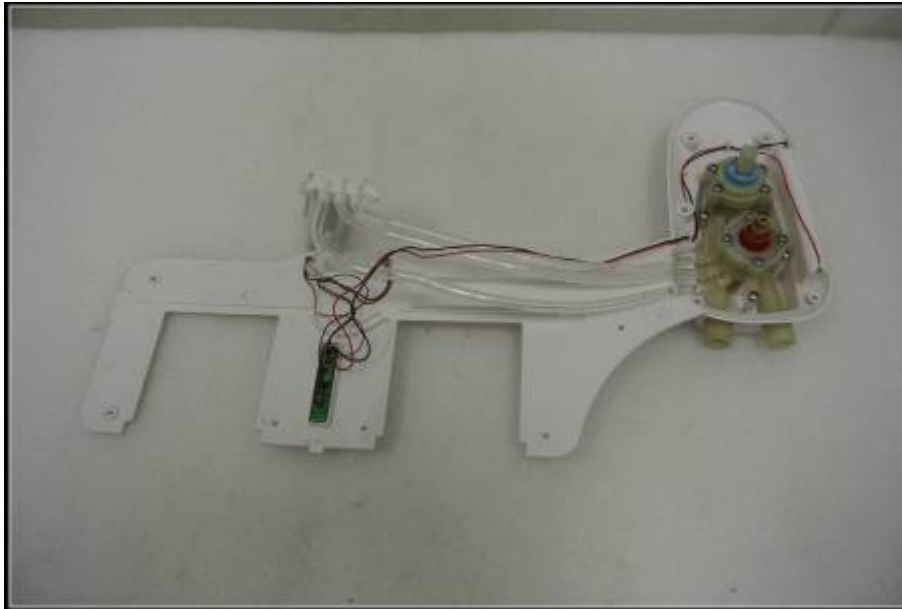
## 8 Photographs

### 8.1 Radiated Emissions, 30MHz to 1GHz Test Setup

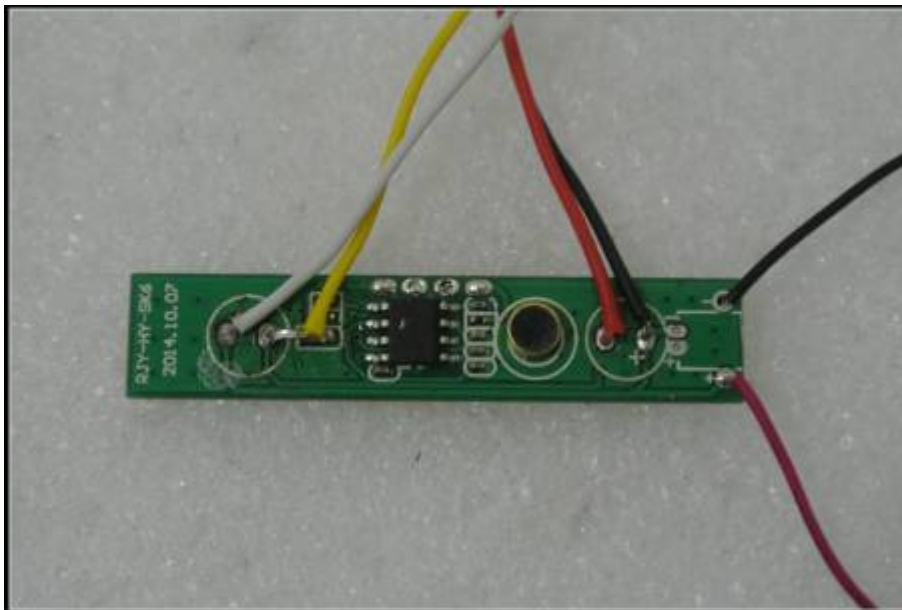
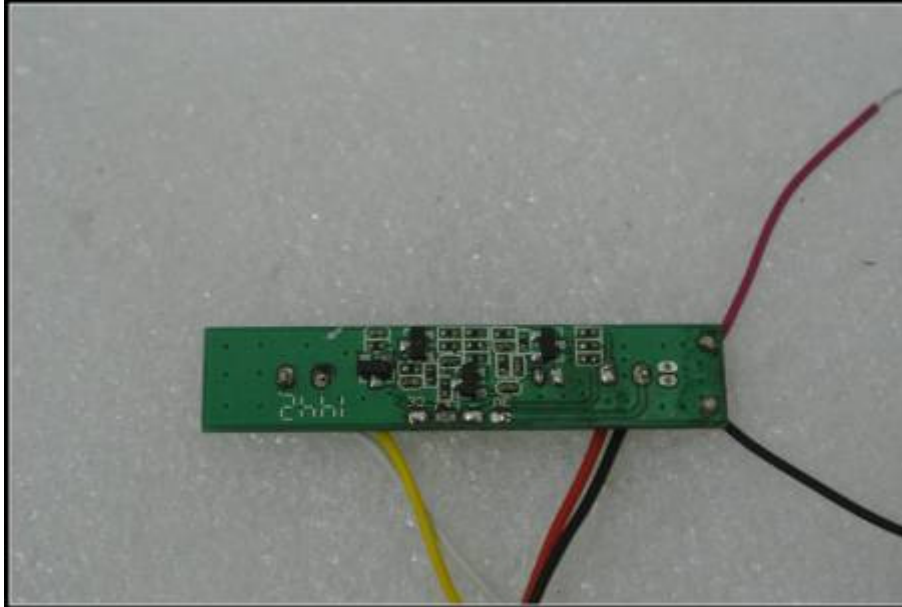


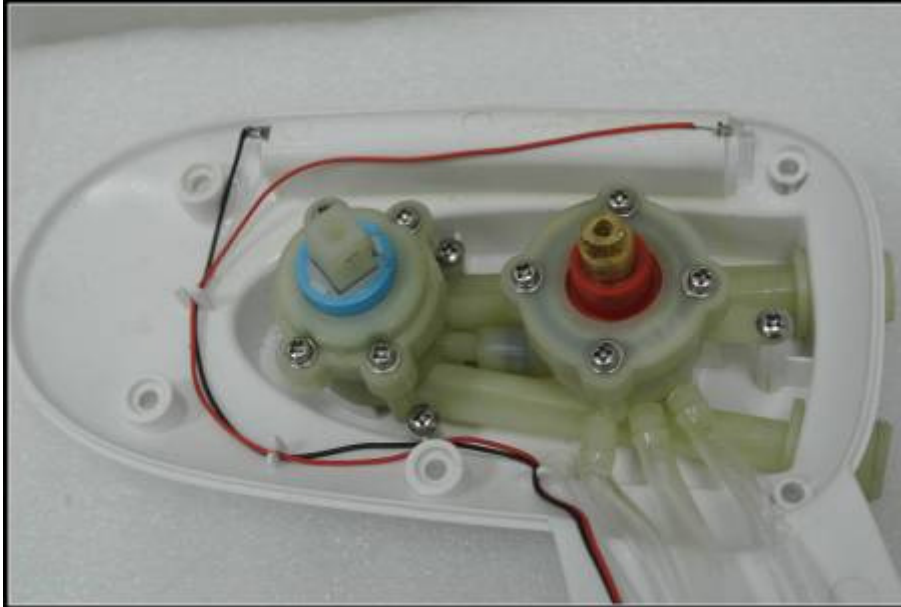
## 8.2 EUT Constructional Details











--End of Report--