TECHNICAL REPORT

卓時檢測 TIMEWAY TESTING LABORATORY

TESTING CNAS L2292

ISO/IEC17025 Accredited Lab.

Report No: FCC1008248

File reference No: 2010-09-19

Applicant: Invent-Tech Electronics Manufactory Limited

Product: Baby Monitor

Model No: BC-071

Trademark: N/A

Test Standards: FCC Part 15 Subpart C, Paragraph 15.229

Test result: It is herewith confirmed and found to comply with the requirements set up by ANSI C63.4,FCC Part 15 Subpart C, Paragraph 15.229 regulations for the evaluation of electromagnetic compatibility

Approved By

Jack Chung

Jack Chung
Manager

Dated: Sep. 19 .2010

Results appearing herein relate only to the sample tested

The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

5/F,Block 4, Anhua Industrial Zone.,No.8 TaiRan Rd.CheGongMiao,FuTian District, Shenzhen,CHINA.

Tel (755) 83448688 Fax (755) 83442996

Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meets with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

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

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:1999 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 899988

The 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 No.:899988.

IC- Registration No.: IC5205A-02

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration No.: IC 5205A-02.

Test Report Conclusion

Content

1.0 **General Details**

1.1 Test Lab Details

Name : SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

Address: 5/F,Block 4, Anhua Industrial Zone.,No.8 TaiRan Rd.CheGongMiao,FuTian District, Shenzhen,CHINA.

Telephone: (755) 83448688

Fax: (755) 83442996

Site on File with the Federal Communications Commission – United Sates

Registration Number: 899988

For 3m & 10 m OATS

Site Listed with Industry Canada of Ottawa, Canada

Registration Number: IC: 5205A-02

For 3m & 10 m OATS

1.2 Applicant Details

Applicant: Invent-Tech Electronics Manufactory Limited

Address: FLAT E, 2/F., WAH LIK IND. CTR., 459-469 CASTLE PEAK RD. TSUEN WAN, H.K.

Telephone: 00852-2490 7816

Fax: 00852-2412 3691

1.3 Description of EUT

Product:	Baby Monitor
Brand Name:	N/A
Model Number:	BC-071
Additional Model Name	N/A
Rating:	4.5V DC input Powered by 4pcs AAA batteries or DC6V powered by AC/DC adaptor
AC/DC Adaptor Information:	Model: LG060010; Input: 120V~, 60Hz, 2W; Output: DC6V, 100mA
Operation Frequency	CH1: 49.670MHz & CH2: 49.690MHz
Antenna Designation	A permanent fixed antenna, which is built-in, designed as an indispensable part of the EUT.

1.4 Submitted Sample: 1 Sample

1.5 Test Duration:

2010-08-27 to 2010-09-19

1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB

Radiated Emissions Uncertainty =4.7dB

1.7 Test Engineer

The sample tested by _____

Print Name: Terry Tang

2.0	Test Equipments				
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	ROHDE&SCHWARZ	ESPI 3	100379	2009-12-05	2010-12-04
Absorbing Clamp	ROHDE&SCHWARZ	MDS-21	100126	2009-12-05	2010-12-04
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100294	2009-12-05	2010-12-04
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100253	2009-12-05	2010-12-04
Ultra Broadband ANT	ROHDE&SCHWARZ	HL562	100157	2009-12-05	2010-12-04
ESDV Test Receiver	ROHDE&SCHWARZ	ESDV	100008	2010-03-29	2011-03-28
4-WIRE ISN	ROHDE&SCHWARZ	ENY 41	830663/044	2010-02-25	2011-02-24
GG ENY22 Double 2-Wire ISN	ROHDE&SCHWARZ	ENY22	83066/016	2010-02-25	2011-02-24
Impuls-Begrenzer	ROHDE&SCHWARZ	ESH3-Z2	100281	2010-02-25	2011-02-24
System Controller	CT	SC100	-	2010-02-25	2011-02-24
Printer	EPSON	PHOTO EX3	CFNH234850	2010-02-25	2011-02-24
FM-AM Signal Generator	JUNGJIN	SG-150M	389911177	2010-02-25	2011-02-24
Color TV Pattern Generator	PHILIPS	PM5418	LO621747	2010-02-25	2011-02-24
Computer	IBM	8434	1S8434KCE99BLX LO*	-	-
Oscillator	KENWOOD	AG-203D	3070002	2010-02-25	2011-02-24
Spectrum Analyzer	HAMEG	HM5012	-	-	-

Power Supply	LW	APS1502	-	-	-
5K VA AC Power Source	California Instruments	5001iX	56060	2010-02-25	2011-02-24
CDN	EM TEST	CDN M2/M3	-	2010-02-25	2011-02-24
Attenuation	EM TEST	ATT6/75	-	2010-02-25	2011-02-24
Resistance	EM TEST	R100	-	2010-02-25	2011-02-24
Electromagnetic Injection Clamp	LITTHI	EM101	35708	2010-02-25	2011-02-24
Inductive Components	EM TEST	MC2630	-	2010-02-25	2011-02-24
Antenna	EM TEST	MS100	-	2010-02-25	2011-02-24
Signal Generator	ROHDE&SCHWARZ	SMT03	100029	2010-02-25	2011-02-24
Power Amplifier	AR	150W1000	300999	2010-02-25	2011-02-24
Field probe	Holaday	HI-6005	105152	2010-02-25	2011-02-24
Bilog Antenna	Chase	CBL6111C	2576	2010-02-25	2011-02-24
Loop Antenna	EMCO	6502	00042960	2010-02-25	2011-02-24
ESPI Test Receiver	ROHDE&SCHWARZ	ESI26	838786/013	2010-02-25	2011-02-24
3m OATS	--	--	N/A	2010-02-25	2011-02-24
Temperature and Humidity Cabinet	GZ ESPEC	EL-012GP	-	2010-10-18	2011-10-17

3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:

Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.207	Conducted Emission Test	**PASS**	Complies
FCC Part 15 Subpart C Paragraph 15.229 Limit	Field Strength of Fundamental	**PASS**	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	**PASS**	Meets Class B Limit
FCC Part 15 Subpart C Paragraph 15.229 Limit	Band Edge Test	**PASS**	Complies
FCC Part 15 Subpart C Paragraph15.229 Limit	Frequency Error	**PASS**	Complies

3.2 Test Standards

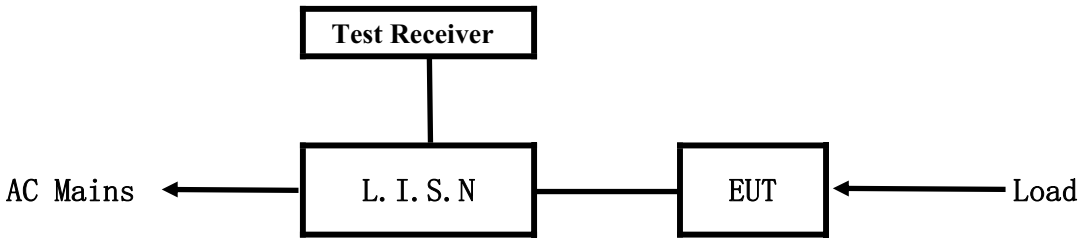
FCC Part 15 Subpart C, Paragraph 15.229

4.0 EUT Modification

No modification by Shenzhen Timeway Technology Consulting Co., Ltd

5. Power Line Conducted Emission Test

5.1 Schematics of the test



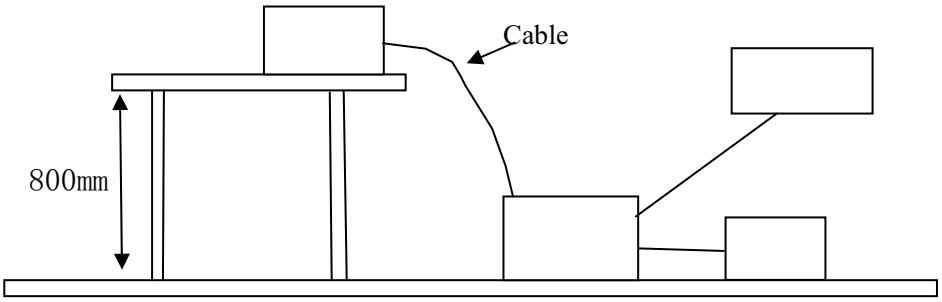
EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2003.The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2003.

Test Voltage: 120V~, 60Hz

Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2003. All interface ports were connected to the Appropriate peripherals. All peripherals and cables are listed below.

A. EUT

Device	Manufacturer	Model	FCC ID
Baby Monitor	Yivaide Electronics (Shenzhen) Co., Ltd	BC-071	FCC ID: Y2H00137R

B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

C. Peripherals

Device	Manufacturer	Model	FCC ID/DOC	Cable
Adaptor	Honor	LG060010EP	N/A	1.0m

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.4 -2003.

A Setup the EUT and simulators as shown on follow

B Turn on power ,EUT transmitting

5.5 Power line conducted Emission Limit according to Paragraph 15.207 and RSS-210 Issue 8

Frequency (MHz)	Class A Limits (dB μ V)		Class B Limits (dB μ V)	
	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level
0.15 ～ 0.50	79.0	66.0	66.0～56.0*	56.0～46.0*
0.50 ～ 5.00	73.0	60.0	56.0	46.0
5.00 ～ 30.00	73.0	60.0	60.0	50.0

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

5.6 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are QP and AV values with a resolution bandwidth of 9kHz.

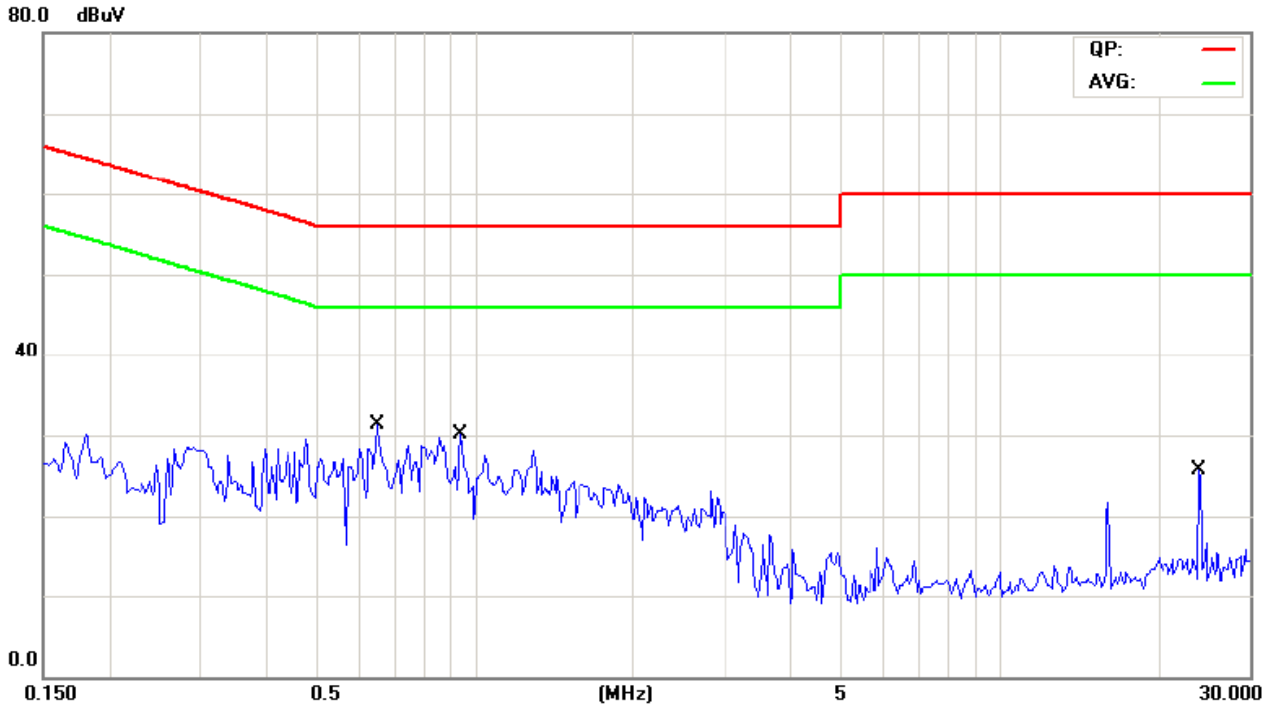
A: Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Transmitting (CH1)

Level **Class B**

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dBμV)				Limit (dBμV)	
	Neutral		Live			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.6500	26.06	23.78	--	--	56.00	46.00
0.9391	24.37	20.78	--	--	56.00	46.00
24.0547	24.36	24.21	--	--	60.00	50.00

Note: scanning with PK detector and final measurement with QP and AV detector

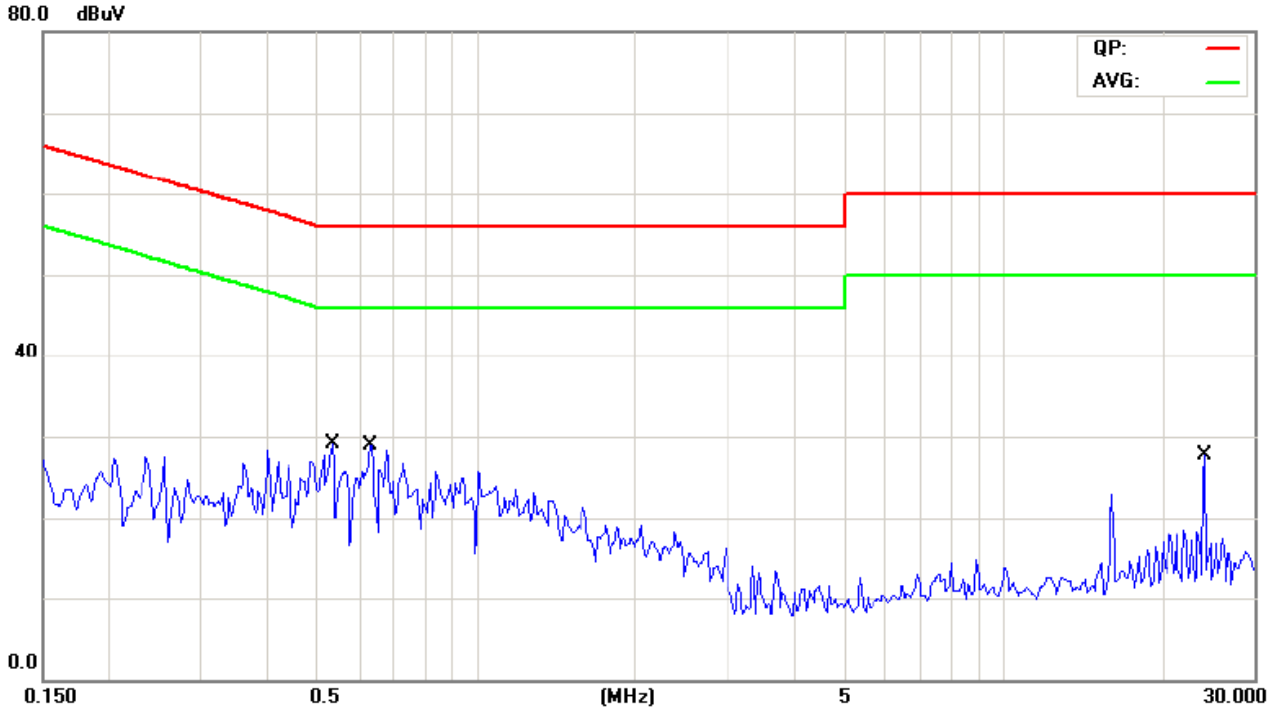
B: Conducted Emission on Live Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Transmitting (CH1)

Level **Class B**

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Reading(dBμV)				Limit (dBμV)	
	Neutral		Live			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.5328	-	-	26.37	20.17	56.00	46.00
0.6305	-	-	26.30	21.11	56.00	46.00
24.1523	-	-	28.56	26.38	60.00	50.00

Note: scanning with PK detector and final measurement with QP and AV detector

6 Radiated Emission Test

6.1 Test Method and test Procedure:

(1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the IC laboratory division, Registration No. 899988

(2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.4-2003.

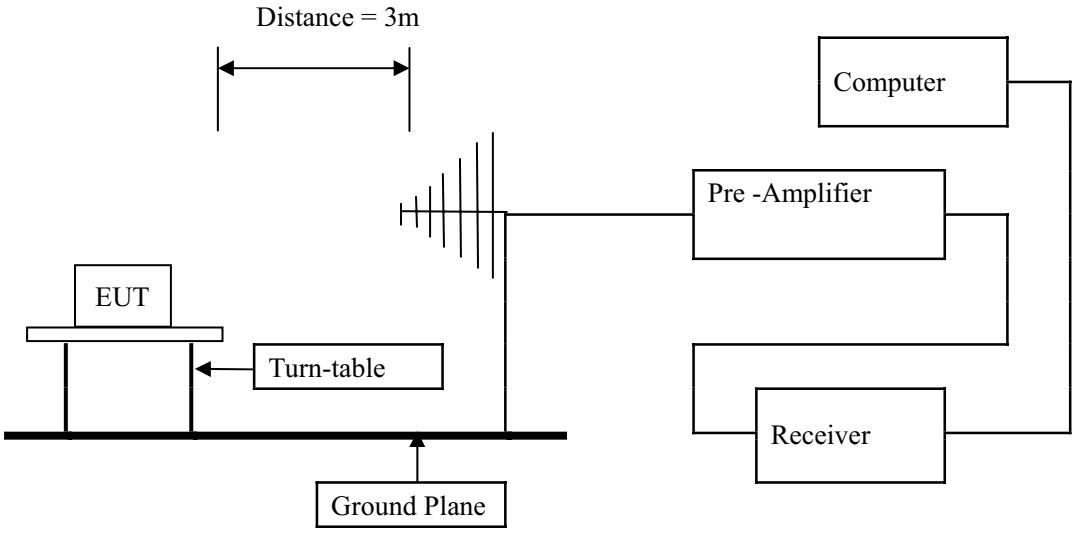
(3) The frequency spectrum from 30 MHz to 1 GHz was investigated. ,All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. VBW 300KHz .All readings are above 1 GHz, peak values with a resolution bandwidth of 1MHz. VBW 3MHz
with a resolution bandwidth of 1 MHz . Measurements were made at 3 meters.

(4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.

(5) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "**QP**" in the data table.

(6) The antenna polarization : Vertical polarization and Horizontal polarization.

Block diagram of Test setup



6.2 Configuration of The EUT
Same as section 5.3 of this report

6.3 EUT Operating Condition
Same as section 5.4 of this report.

6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

A FCC Part 15 Subpart C Paragraph 15.229 Limit

Fundamental Frequency (MHz)	Field Strength of Fundamental (3m)	
	Micro-volts /m	**dBuV/m**
49.60 to 49.70	1000	60.00

Note: 1. RF Field Strength (dBuV) = 20 log RF Voltage (uV)

2.Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

B. Frequencies in restricted band are complied to limit on Paragraph 15.209

Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
0.009-0.490	300	2400/F(kHz)
0.490-1.705	30	24000/F(kHz)
1.705-30	30	30
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note: 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT

4. The EUT can powered by 3pcs batteries or by AC/DC adaptor, After pre-scanning, it's the worse case powered by AC/DC adaptor

6.5 Test result

A Fundamental Radiated Emission Data

Product:	Baby Monitor	Test Mode:	Transmitting
Test Item:	Radiated Emission Data	Temperature:	25℃
Test Voltage:	120V~	Humidity:	56%
Test Result:	Pass		

CH1 40.670MHz

Frequency (MHz)	Emission PK/AV (dBuV/m)	Horiz / Vert	Limits PK/AV (dBuV/m)	Margin (dB)
49.67	58.91 (PK)	Vertical	80	-11.09
49.67	58.18 (AV)	Vertical	60	-1.82
49.67	40.84 (PK)	Horizontal	80	-39.16
49.67	40.35 (AV)	Horizontal	60	-19.65

CH2 40.690MHz

Frequency (MHz)	Emission PK/AV (dBuV/m)	Horiz / Vert	Limits PK/AV (dBuV/m)	Margin (dB)
49.69	58.93 (PK)	Vertical	80	-11.07
49.69	58.12 (AV)	Vertical	60	-1.88
49.69	41.35 (PK)	Horizontal	80	-38.65
49.69	40.38 (AV)	Horizontal	60	-19.62

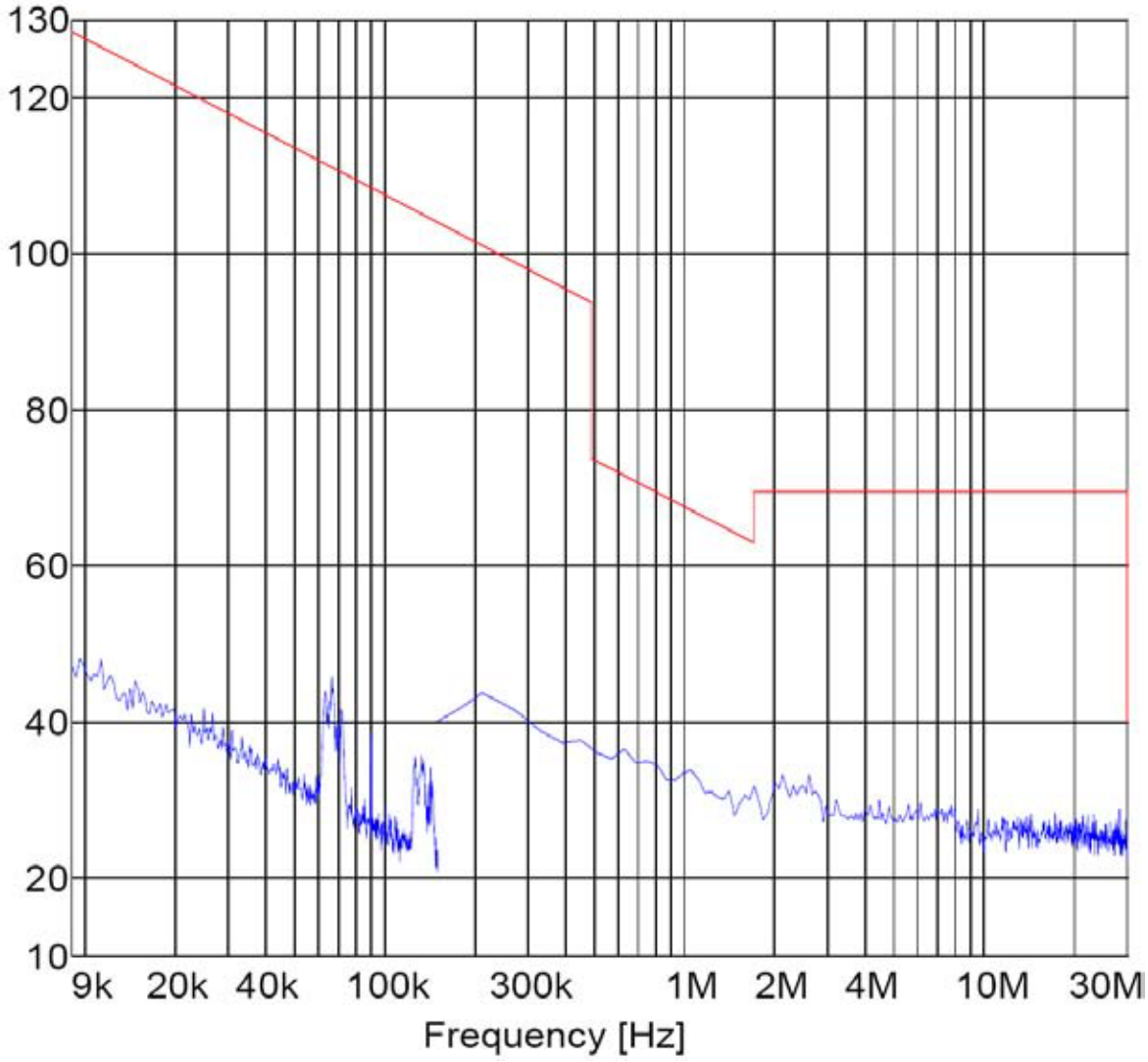
A. **General Radiated Emission Data and Harmonics Radiated Emission Data**

Radiated Emission In Horizontal (0.009MHz----30MHz)

EUT set Condition: Transmitting (CH1)

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB μ V/m)	Limit@3m (dB μ V/m)
--	--	--

-The test data shows much less than the limit, no necessary take down the records.

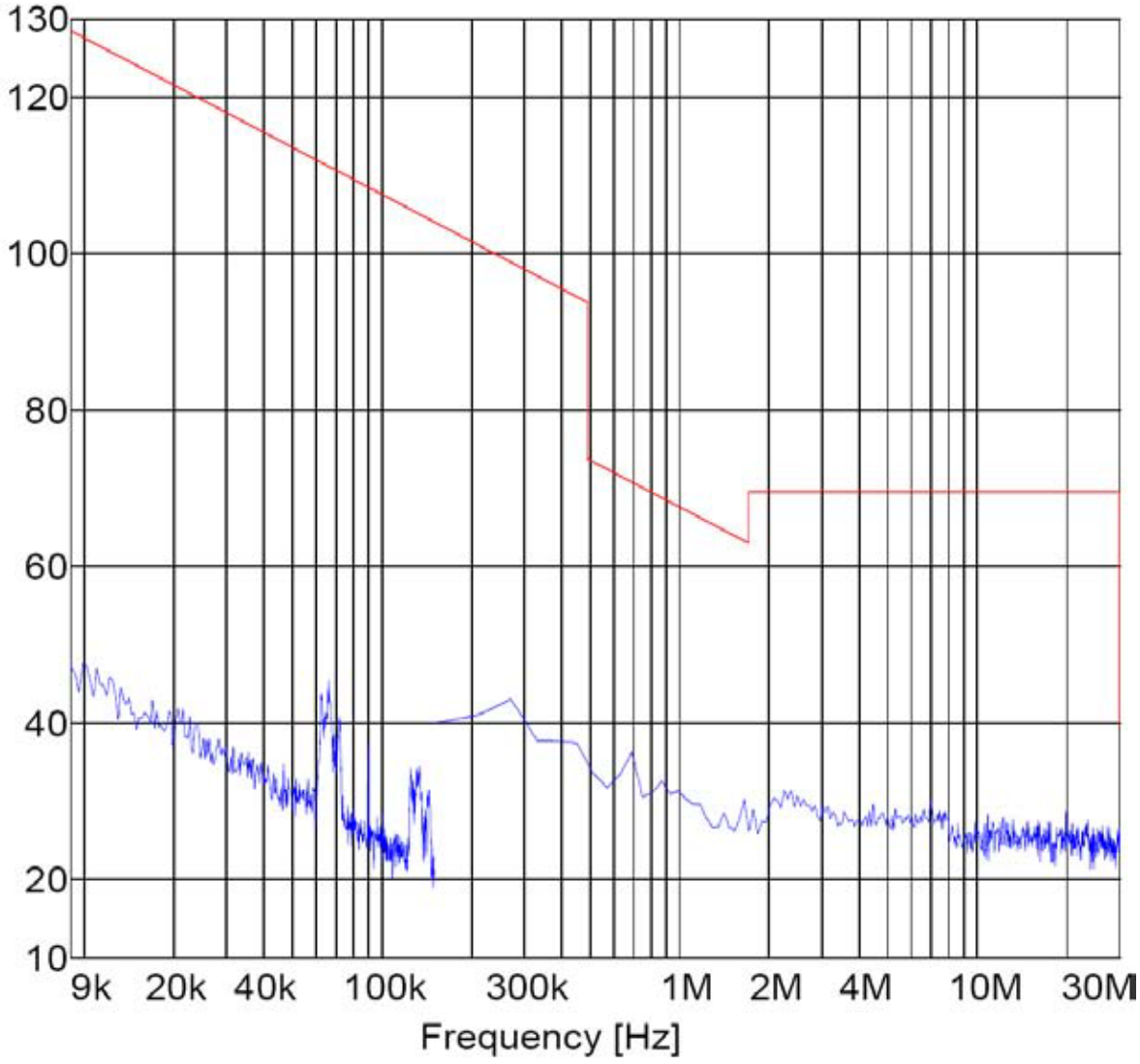
B. **General Radiated Emission Data and Harmonics Radiated Emission Data**

Radiated Emission In Horizontal (0.009MHz----30MHz)

EUT set Condition: Transmitting (CH2)

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB μ V/m)	Limit@3m (dB μ V/m)
--	--	--

-The test data shows much less than the limit, no necessary take down the records.

C. **General Radiated Emission Data and Harmonics Radiated Emission Data**

Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Transmitting (CH1)

Results: Pass

Please refer to following diagram for individual

Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB μ V/m)
56.675	15.46	H	40.00
105.175	15.34	H	43.50
236.125	15.98	H	46.00
330.700	21.06	H	46.00

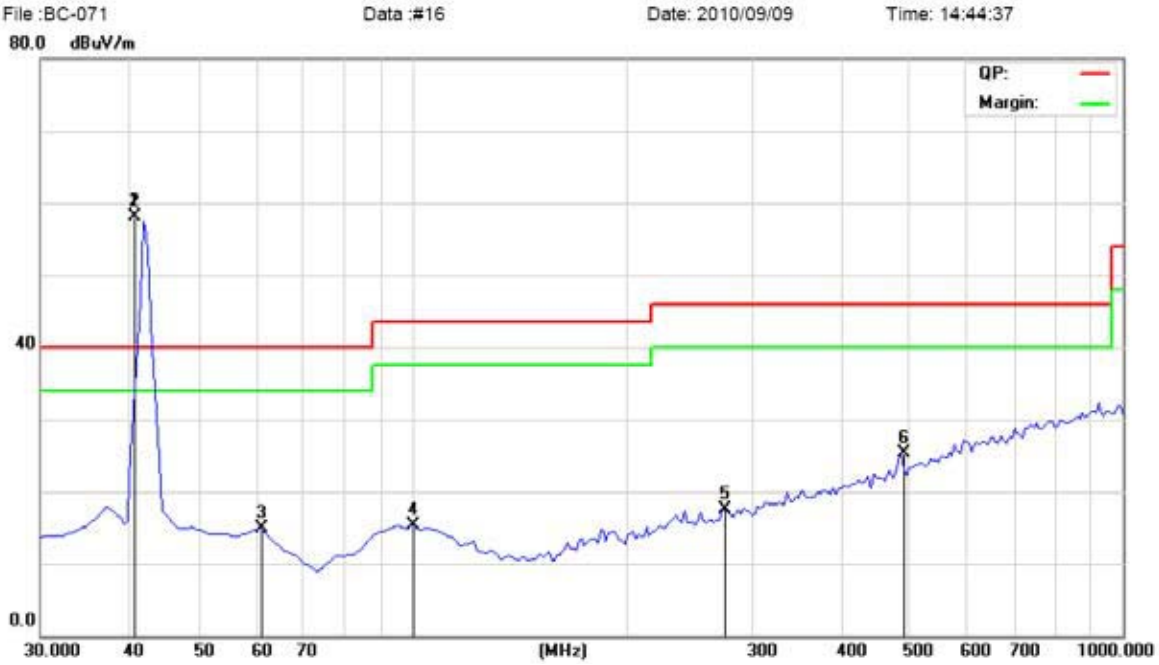
D. **General Radiated Emission Data and Harmonics Radiated Emission Data**

Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Transmitting(CH1)

Results: **Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB μ V/m)
61.525	14.88	V	40.00
100.325	15.34	V	43.50
274.920	17.50	V	46.00
490.750	25.30	V	46.00

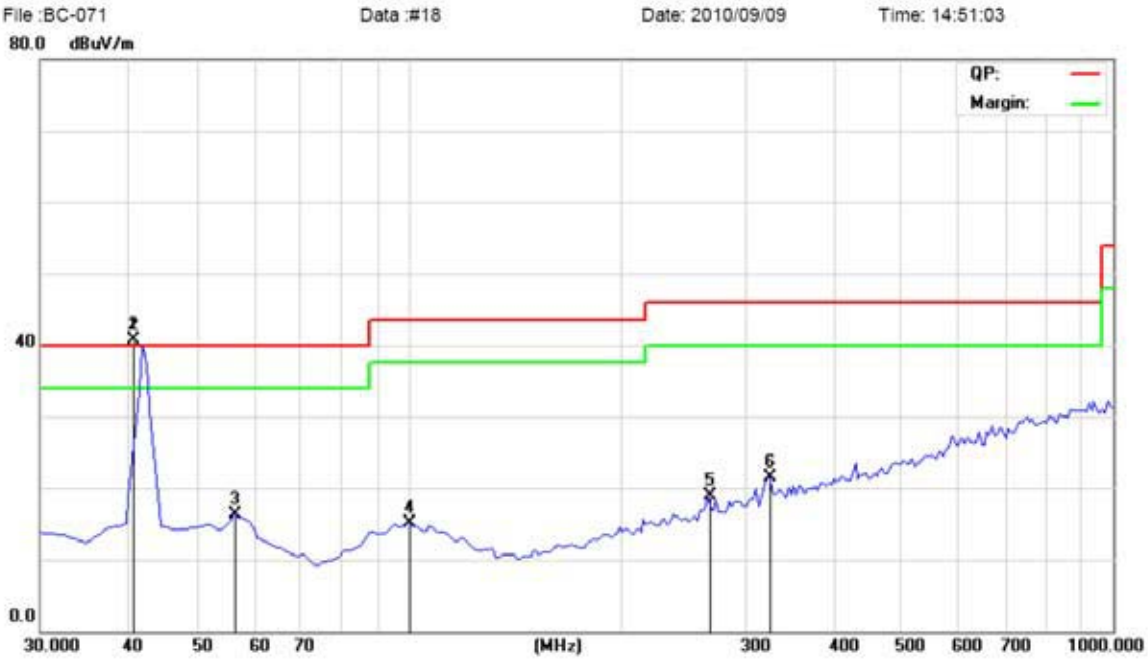
E. **General Radiated Emission Data and Harmonics Radiated Emission Data**

Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Transmitting (CH2)

Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB μ V/m)
56.675	16.22	H	40.00
100.325	15.03	H	43.50
367.680	18.89	H	46.00
323.425	21.59	H	46.00

F. **General Radiated Emission Data and Harmonics Radiated Emission Data**

Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Transmitting(CH2)

Results: **Pass**

Please refer to following diagram for individual

Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB μ V/m)
54.541	14.90	V	40.00
97.968	15.57	V	43.50
342.825	20.84	V	46.00
396.175	23.37	V	46.00

7. Band Edge

7.1 Test Method and test Procedure:

(1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the IC laboratory division, Registration No.899988

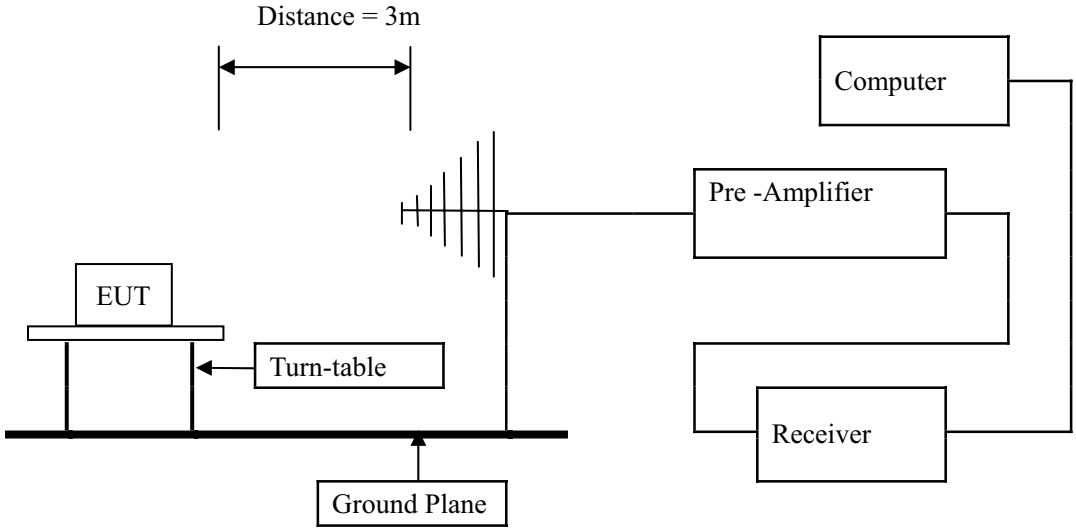
(2) The frequency spectrum from 30 MHz to 1 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 10 KHz. All readings are above 1 GHz , peak values with a resolution bandwidth of 1 MHz . Measurements were made at 3 meters.

(3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.

(4) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "**QP**" in the data table.

(5) The antenna polarization : Vertical polarization and Horizontal polarization.

7. 2 Radiated Test Setup



For the actual test configuration , please refer to the related items – Photos of Testing

7.3 Configuration of The EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.3 of this report.

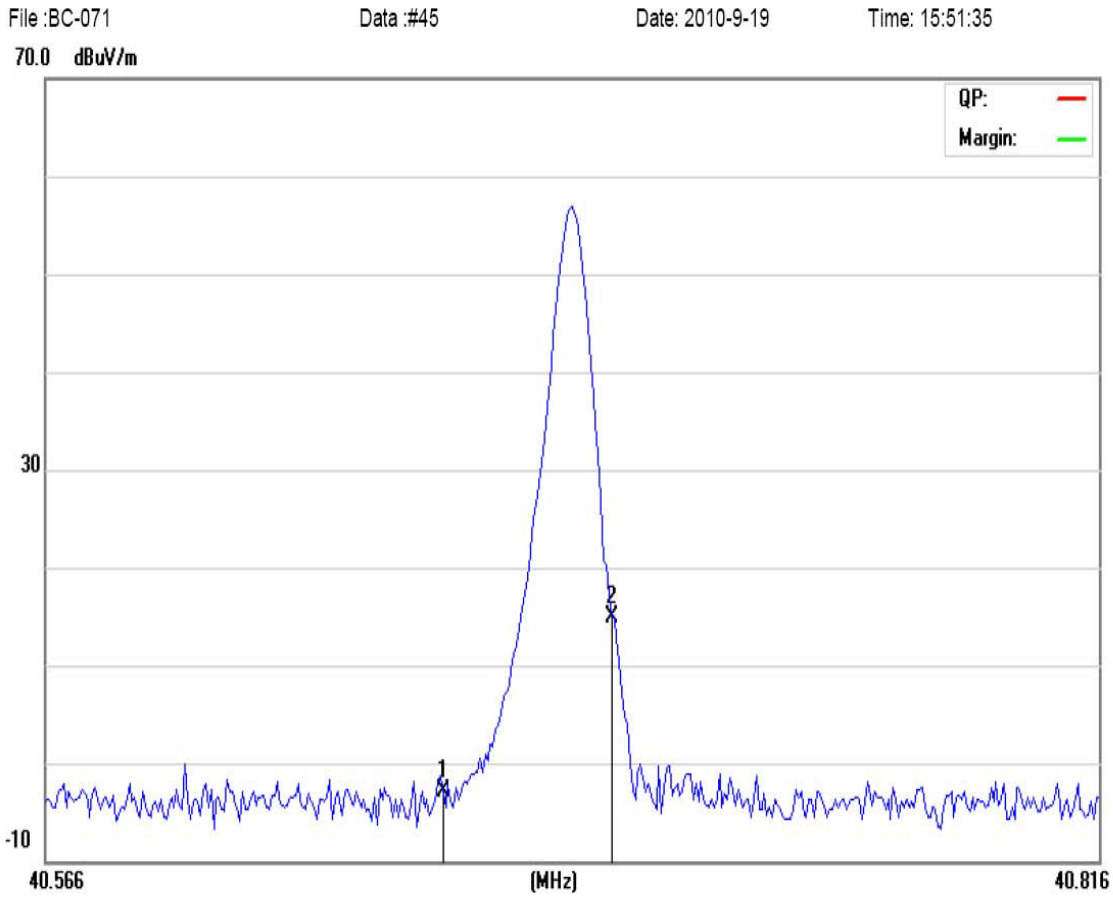
7.5 Band Edge Limit

The field strength of any emissions appearing outside of this band shall not exceed the general radiated emission limits in § 15.209.

7.6 Band Edge Test Result

Product:	Baby Monitor	Test Mode:	Transmitting
Test Item:	Band Edge	Temperature:	25℃
Test Voltage:	120V~	Humidity:	56%
Bandwidth		Test Result:	Pass

Test Figure:



Freq.	Reading	Limit
40.660MHz	-2.83	40.00
40.700MHz	14.92	40.00

Note: The EUT can powered by 3pcs batteries or by AC/DC adaptor, after pre-scanning, it's the worse case powered by AC/DC adaptor

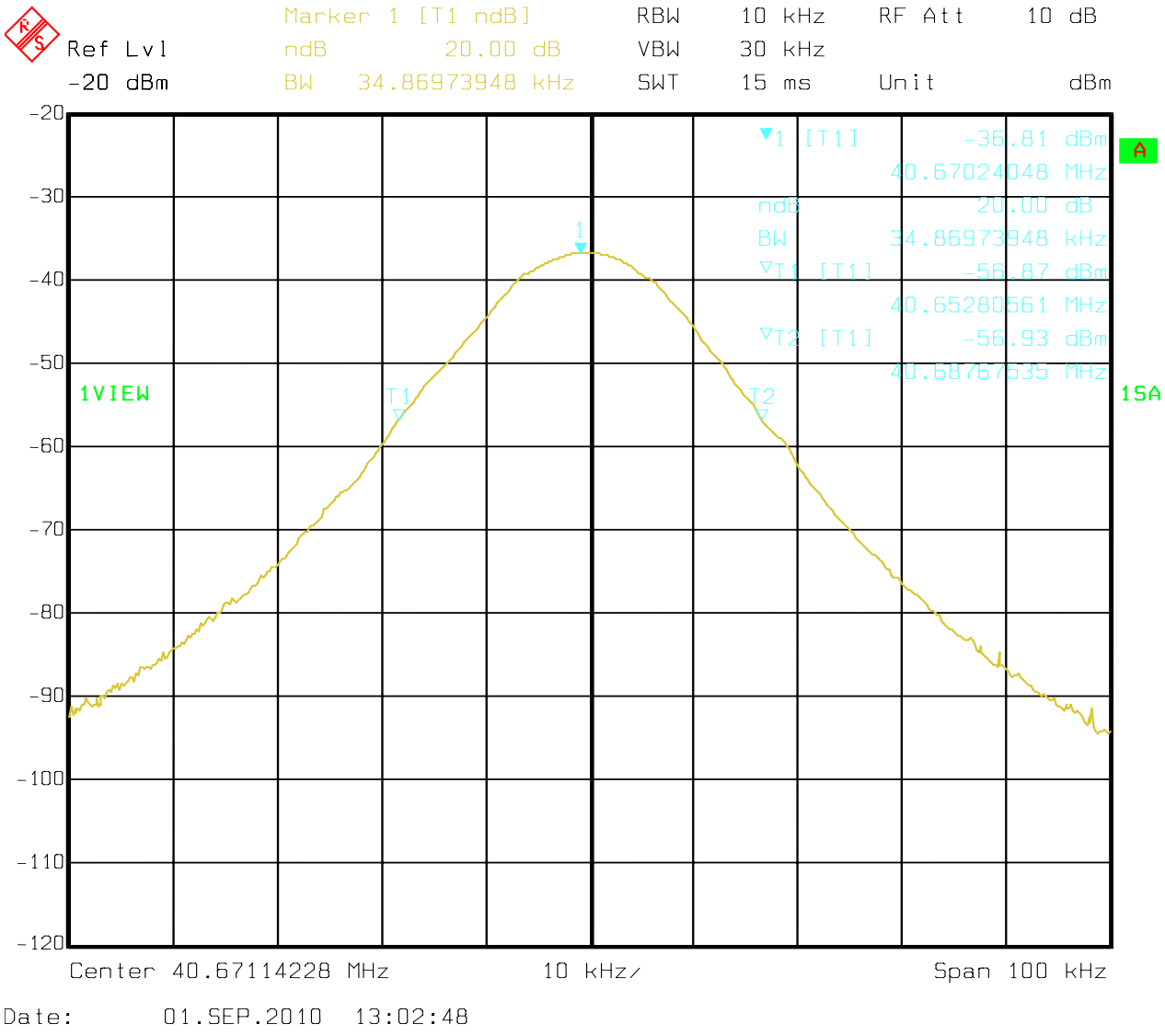
8.0 20 dB /6dB/99% Occupied Bandwidth

8.1 20dB Bandwidth Test Result

Product:	Baby Monitor	Test Mode:	Transmitting (CH1)
Test Item:	20dB Bandwidth	Temperature:	25℃
Test Voltage:	120V~	Humidity:	56%
Bandwidth	34.870kHz	Test Result:	Pass

CH1

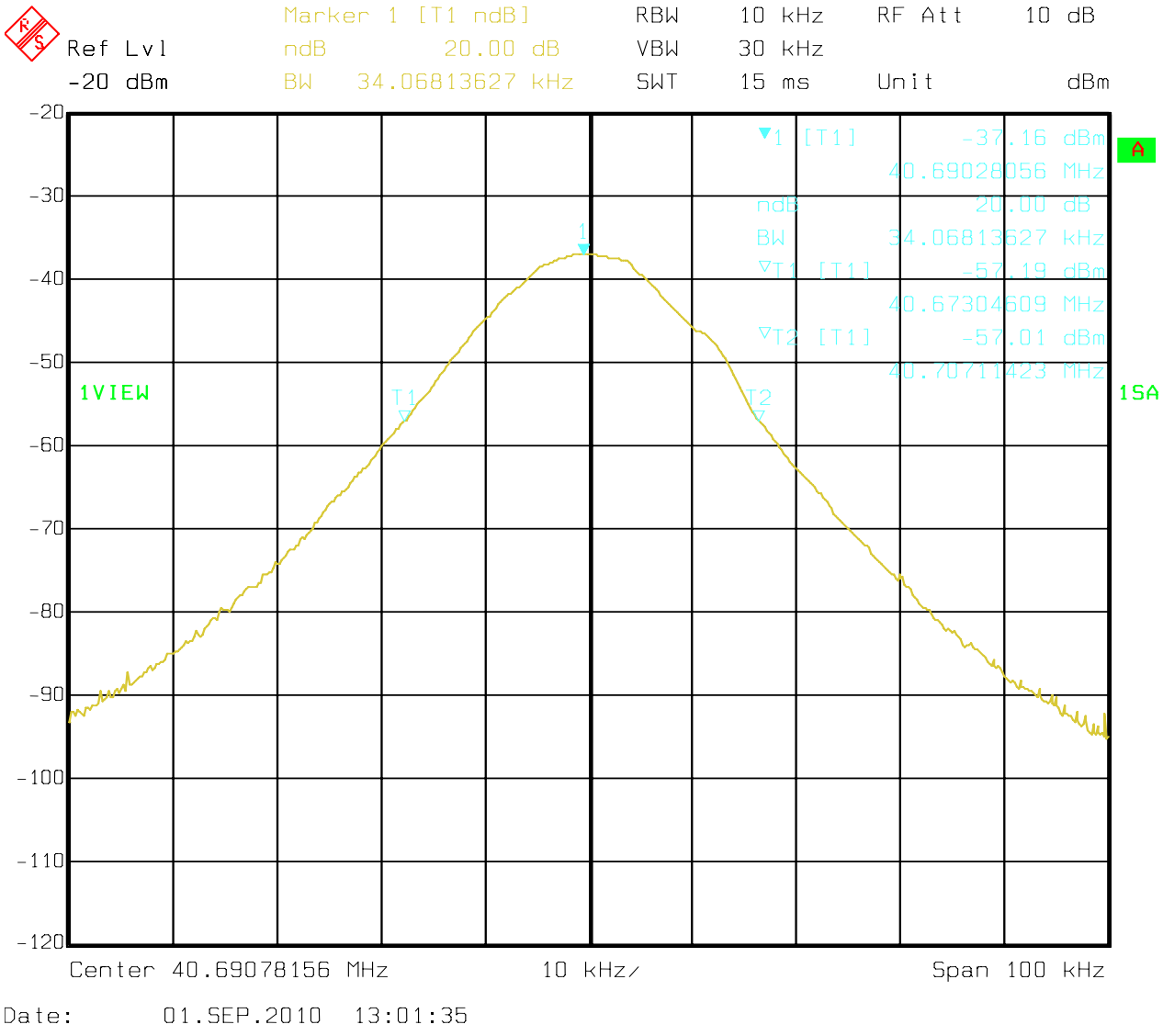
Test Figure:



8.2 20dB Bandwidth Test Result

Product:	Baby Monitor	Test Mode:	Transmitting (CH2)
Test Item:	20dB Bandwidth	Temperature:	25℃
Test Voltage:	120V~	Humidity:	56%
Bandwidth	34.068kHz	Test Result:	Pass

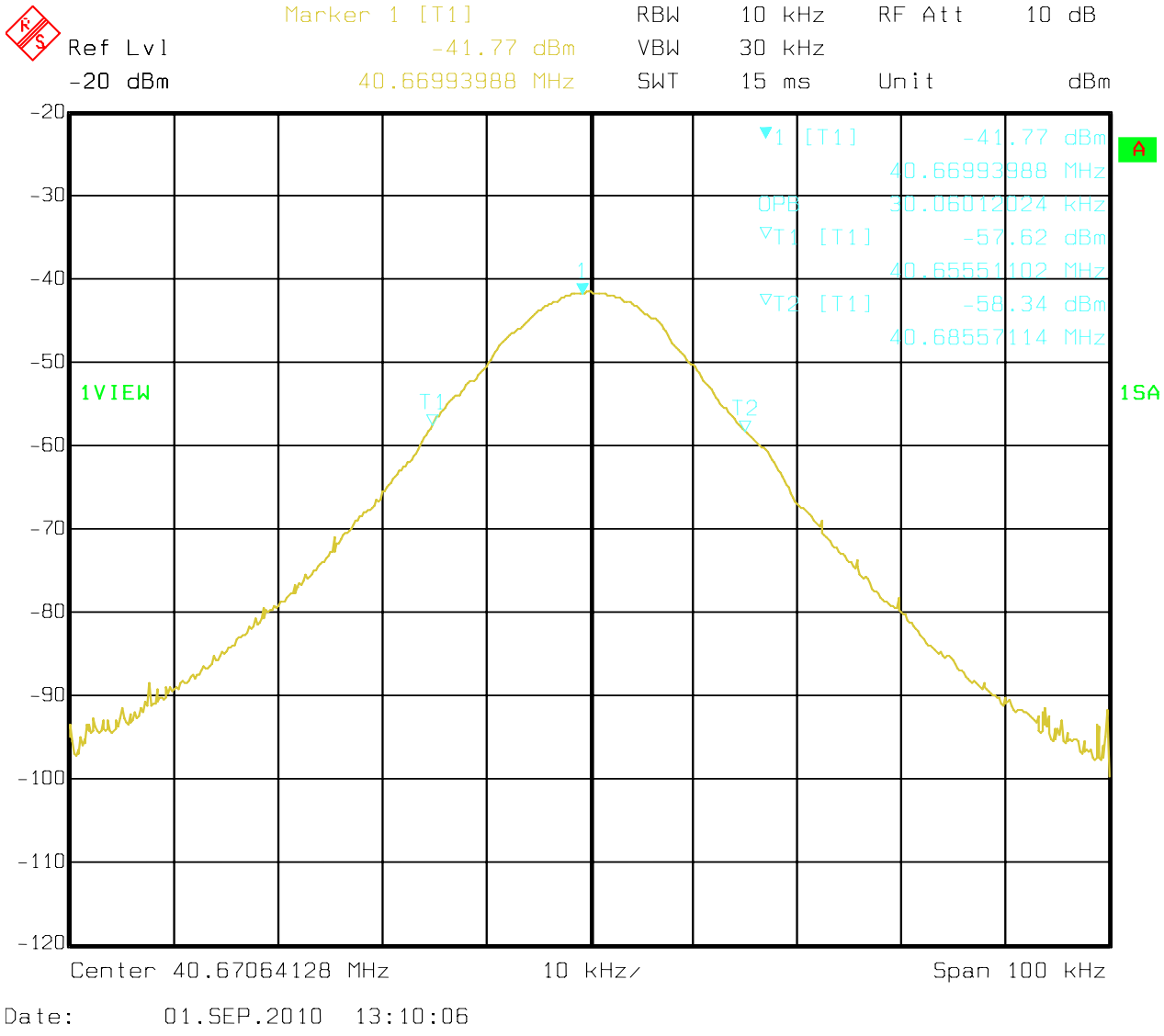
Test Figure:



8.3 99% Bandwidth Test Result

Product:	Baby Monitor	Test Mode:	Transmitting (CH1)
Test Item:	99% Bandwidth	Temperature:	25℃
Test Voltage:	120V~	Humidity:	56%
Bandwidth	30.060kHz	Test Result:	Pass

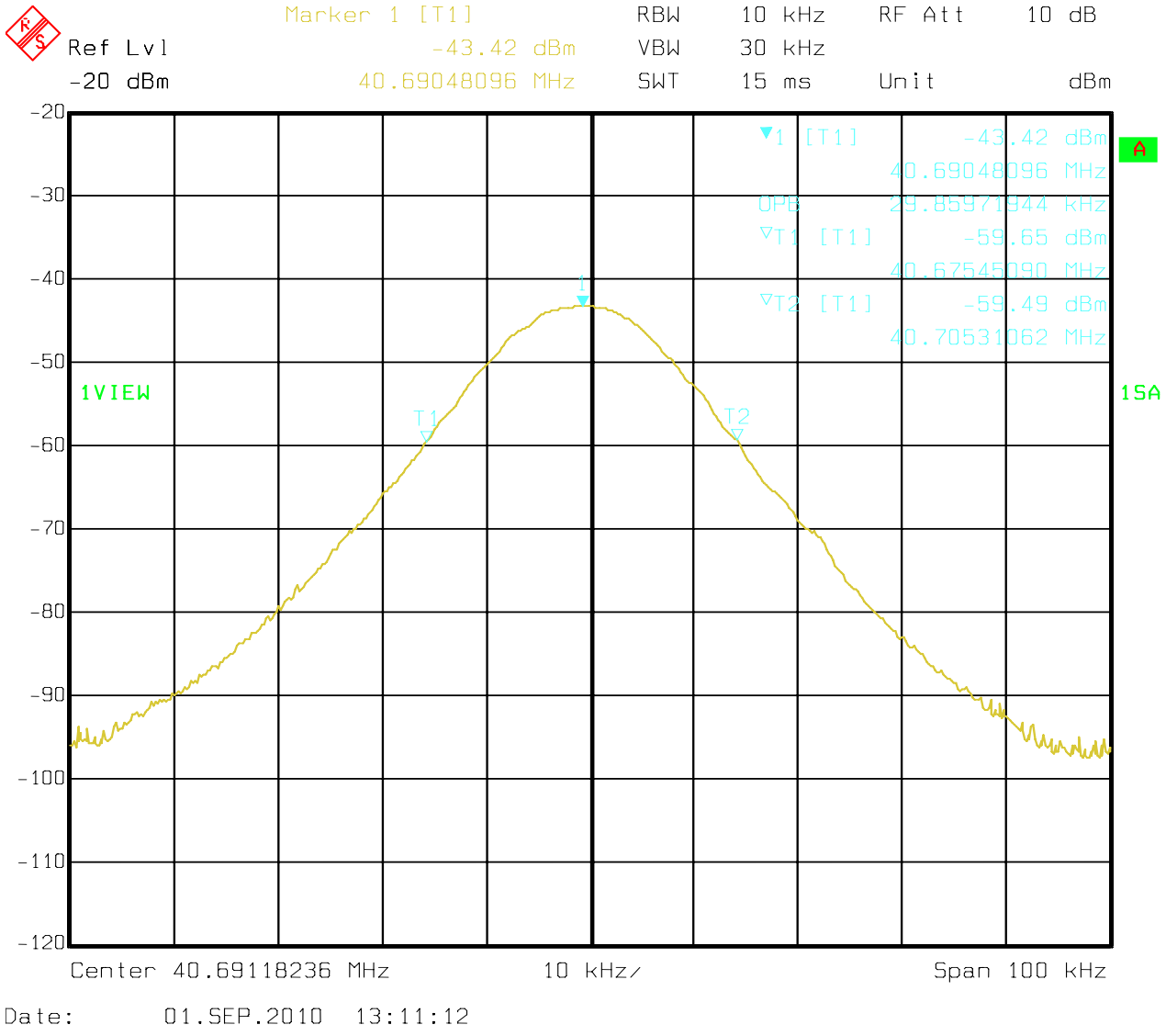
Test Figure:



8.4 99% Bandwidth Test Result

Product:	Baby Monitor	Test Mode:	Transmitting (CH2)
Test Item:	99% Bandwidth	Temperature:	25℃
Test Voltage:	120V~	Humidity:	56%
Bandwidth	29.860kHz	Test Result:	Pass

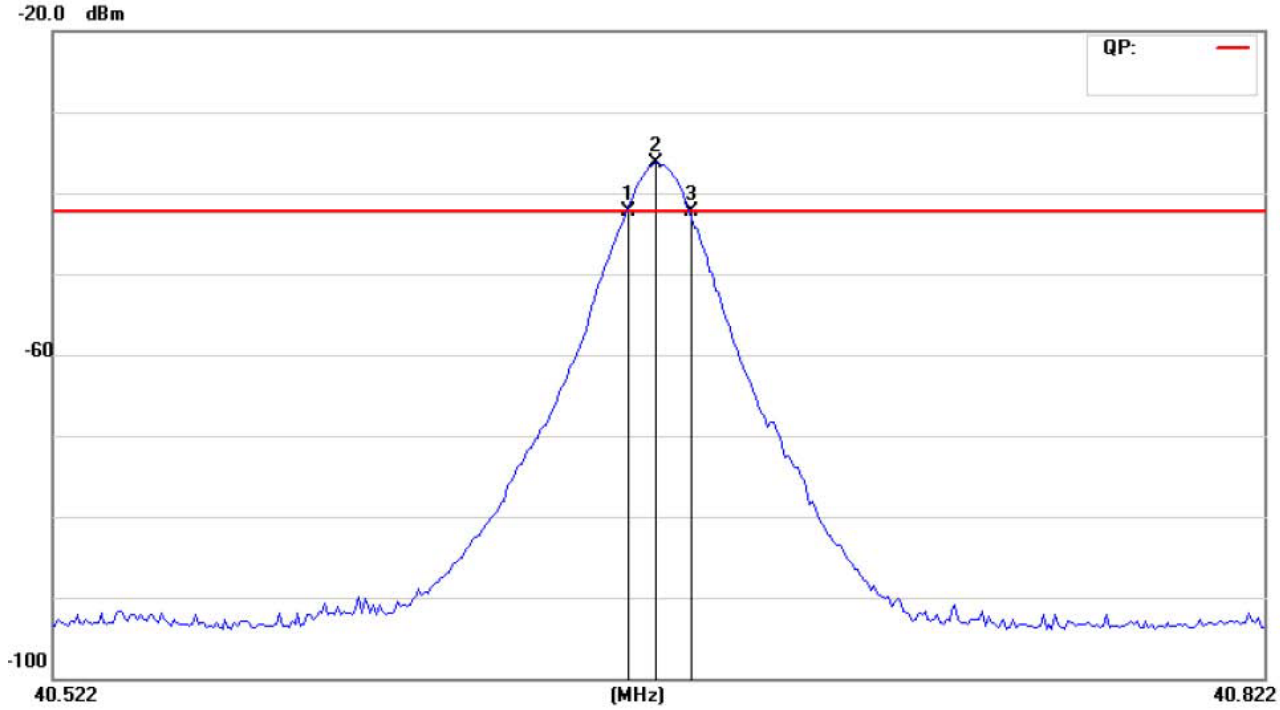
Test Figure:



8.5 6dB Bandwidth Test Result

Product:	Baby Monitor	Test Mode:	Transmitting (CH1)
Test Item:	6dB Bandwidth	Temperature:	25℃
Test Voltage:	120V~	Humidity:	56%
Bandwidth	15.7kHz	Test Result:	Pass

Test Figure:

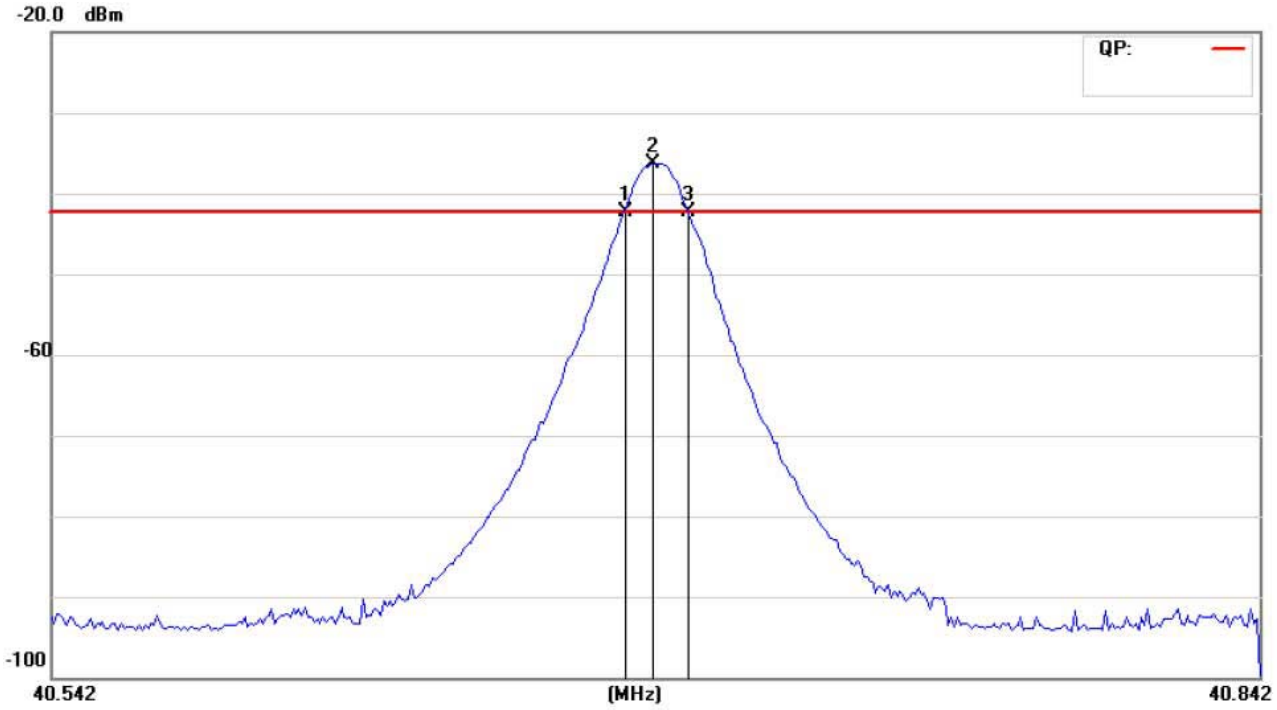


Marker	Freq. Reading
1	40.6640MHz
3	40.6797MHz

8.6 6dB Bandwidth Test Result

Product:	Baby Monitor	Test Mode:	Transmitting (CH2)
Test Item:	6dB Bandwidth	Temperature:	25℃
Test Voltage:	120V~	Humidity:	56%
Bandwidth	16.2kHz	Test Result:	Pass

Test Figure:



Marker	Freq. Reading
1	40.6838MHz
3	40.7000MHz

Note: The EUT can powered by 3pcs batteries or by AC/DC adaptor, After pre-scanning, it's the worse case powered by AC/DC adaptor

9.0 Frequency Error

The frequency tolerance of the carrier signal shall be maintained within ±0.01% of the operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

Powered by batteries (New batteries used During the test)

Measurement Conditions (In normal & Extreme)		Frequency Error Measured Channel 1 (40.670MHz)	Limit (kHz)	Frequency Error (kHz)
T (50℃)	V_{normal} (4.5Vdc)	40.671529	±4.067	1.529
T (40℃)	V_{normal} (4.5Vdc)	40.671893	±4.067	1.893
T (30℃)	V_{normal} (4.5Vdc)	40.672172	±4.067	2.172
T (20℃)	V_{normal} (4.5Vdc)	40.670140	±4.067	0.140
T (10℃)	V_{normal} (4.5Vdc)	40.669131	±4.067	-0.869
T (0℃)	V_{normal} (4.5Vdc)	40.668920	±4.067	-1.080
T (-10℃)	V_{normal} (4.5Vdc)	40.670892	±4.067	0.892
T (-20℃)	V_{normal} (4.5Vdc)	40.668782	±4.067	-1.218

Measurement Conditions (In normal & Extreme)		Frequency Error Measured Channel 2 (40.690MHz)	Limit (kHz)	Max. Margin (kHz)
T (50℃)	V_{normal} (4.5Vdc)	40.692105	±4.069	2.105
T (40℃)	V_{normal} (4.5Vdc)	40.691525	±4.069	1.525
T (30℃)	V_{normal} (4.5Vdc)	40.689224	±4.069	0.776
T (20℃)	V_{normal} (4.5Vdc)	40.690781	±4.069	0.781
T (10℃)	V_{normal} (4.5Vdc)	40.688566	±4.069	-1.434
T (0℃)	V_{normal} (4.5Vdc)	40.688129	±4.069	-1.871
T (-10℃)	V_{normal} (4.5Vdc)	40.690766	±4.069	0.766
T (-20℃)	V_{normal} (4.5Vdc)	40.691127	±4.069	1.127

Powered by AC/DC Adaptor

Measurement Conditions (In normal & Extreme)		Frequency Error Measured Channel 1 (40.670MHz)	Limit (kHz)	Frequency Error (kHz)
T_{normal} (20℃)	V_{normal} (120V~)	40.670104	±4.067	0.104
T_{normal} (20℃)	V_{min} (102V~)	40.671535	±4.067	1.535
T_{normal} (20℃)	V_{max} (138V~)	40.672319	±4.067	2.319
T (50℃)	V_{normal} (120V~)	40.671228	±4.067	1.228
T (40℃)	V_{normal} (120V~)	40.671578	±4.067	1.578
T (30℃)	V_{normal} (120V~)	40.670672	±4.067	0.672
T (20℃)	V_{normal} (120V~)	40.670104	±4.067	0.104
T (10℃)	V_{normal} (120V~)	40.669251	±4.067	-0.749
T (0℃)	V_{normal} (120V~)	40.668827	±4.067	-1.173
T (-10℃)	V_{normal} (120V~)	40.670599	±4.067	0.599
T (-20℃)	V_{normal} (120V~)	40.671732	±4.067	1.732

Measurement Conditions (In normal & Extreme)		Frequency Error Measured Channel 2 (40.690MHz)	Limit (kHz)	Max. Margin (kHz)
T_{normal} (20℃)	V_{normal} (120V~)	40.692108	±4.069	2.108
T_{normal} (20℃)	V_{min} (102V~)	40.691532	±4.069	1.532
T_{normal} (20℃)	V_{max} (138V~)	40.690785	±4.069	0.785
T (50℃)	V_{normal} (120V~)	40.690962	±4.069	0.962
T (40℃)	V_{normal} (120V~)	40.691157	±4.069	1.157
T (30℃)	V_{normal} (120V~)	40.689162	±4.069	-0.838
T (20℃)	V_{normal} (120V~)	40.692108	±4.069	2.108
T (10℃)	V_{normal} (120V~)	40.688516	±4.069	-1.484
T (0℃)	V_{normal} (120V~)	40.690882	±4.069	0.882
T (-10℃)	V_{normal} (120V~)	40.691262	±4.069	1.262
T (-20℃)	V_{normal} (120V~)	40.690471	±4.069	0.471

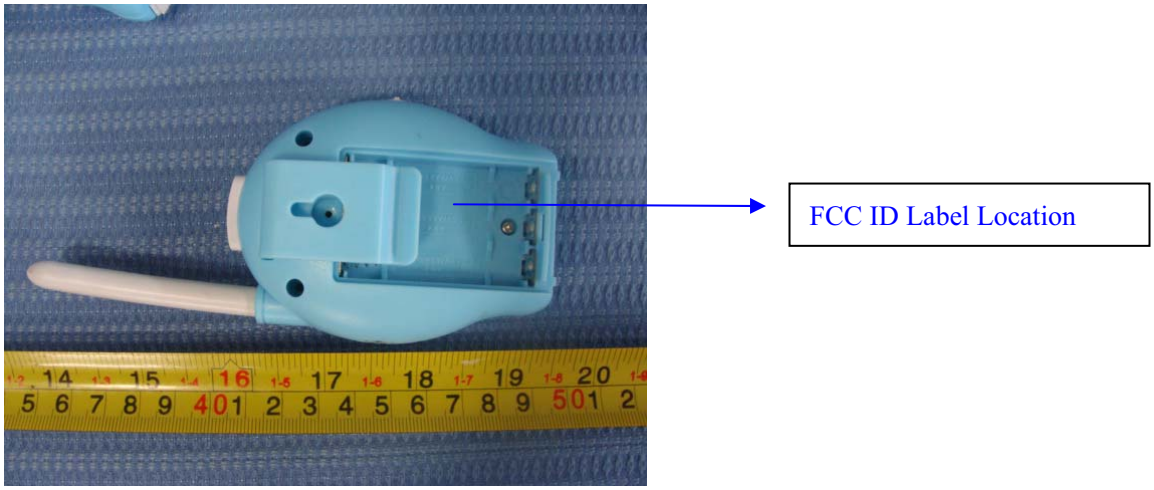
10.0 FCC ID Label

FCC ID: Y2H00137R

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

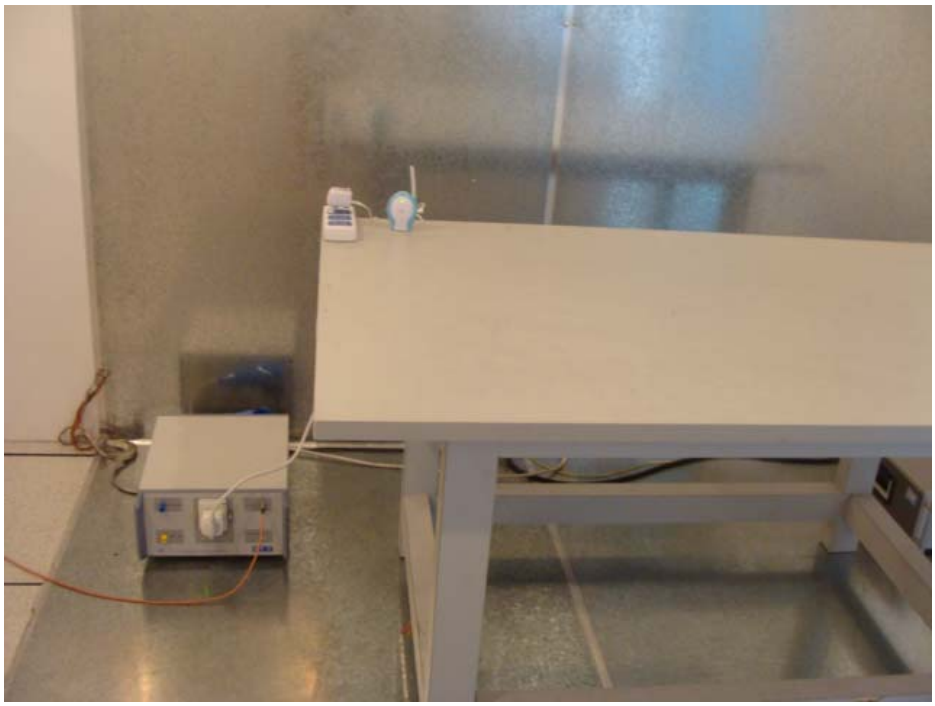
Mark Location:



11.0 Photo of testing

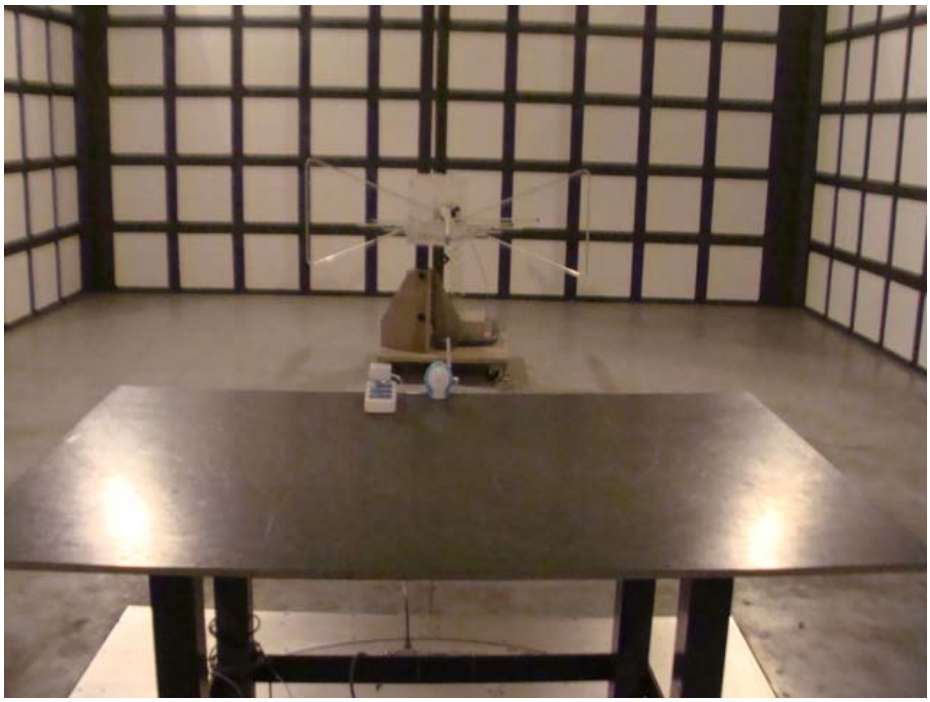
11.1 Conducted test View

Tx Part



11.2 Radiated emission test view

Tx Part



11.3 Photo for the EUT-TX

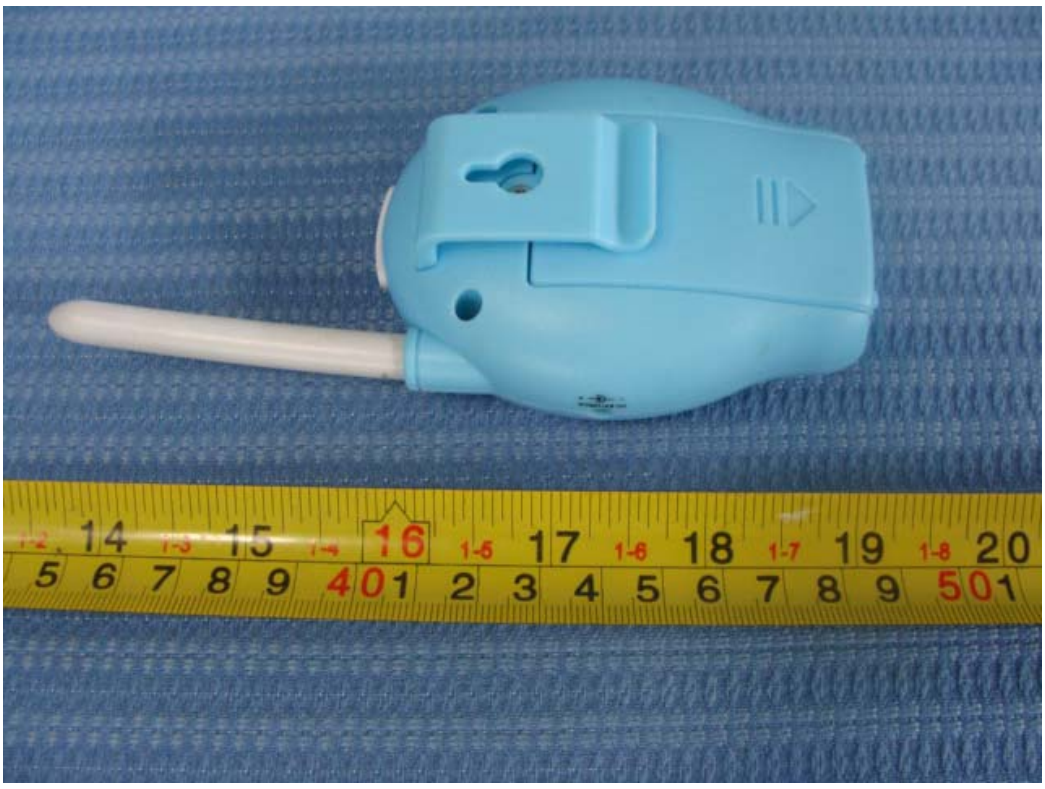


Photo for the EUT-TX

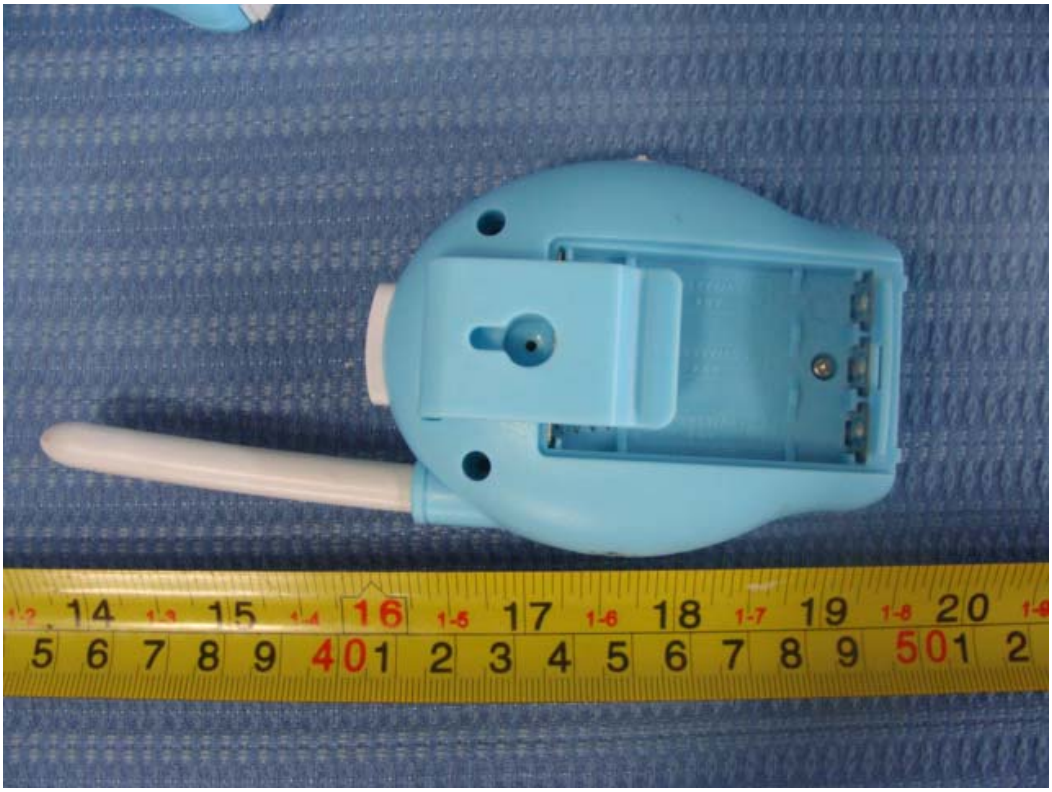


Photo for the EUT-TX

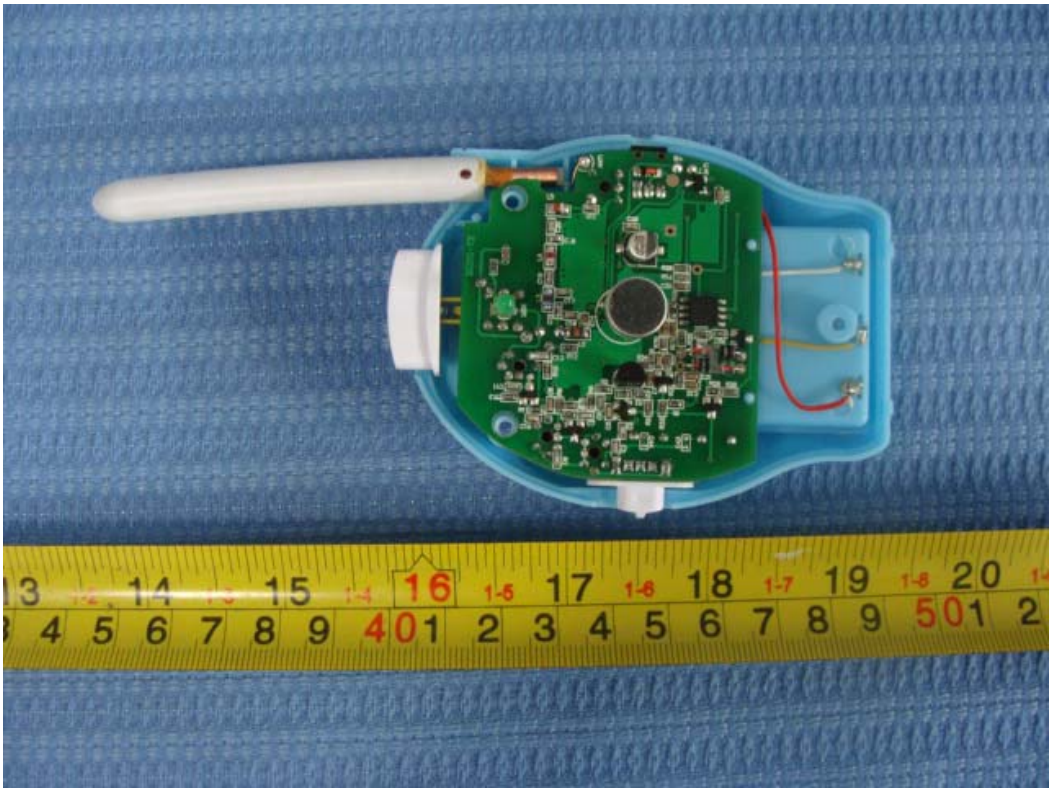
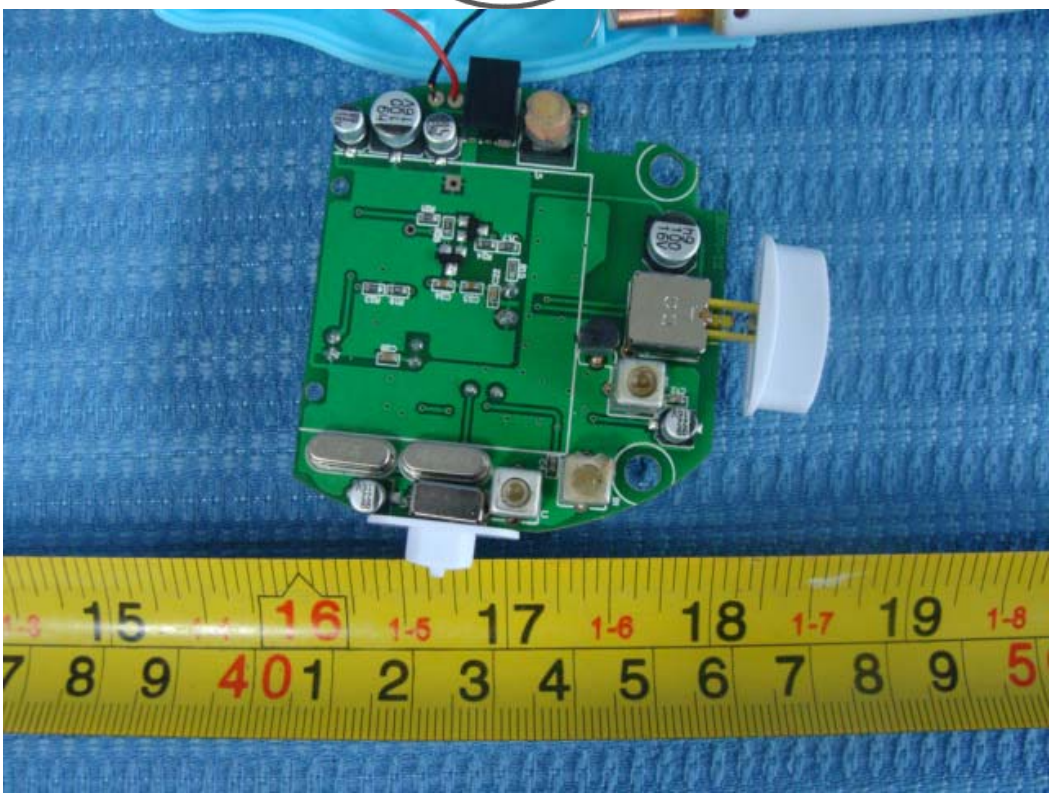
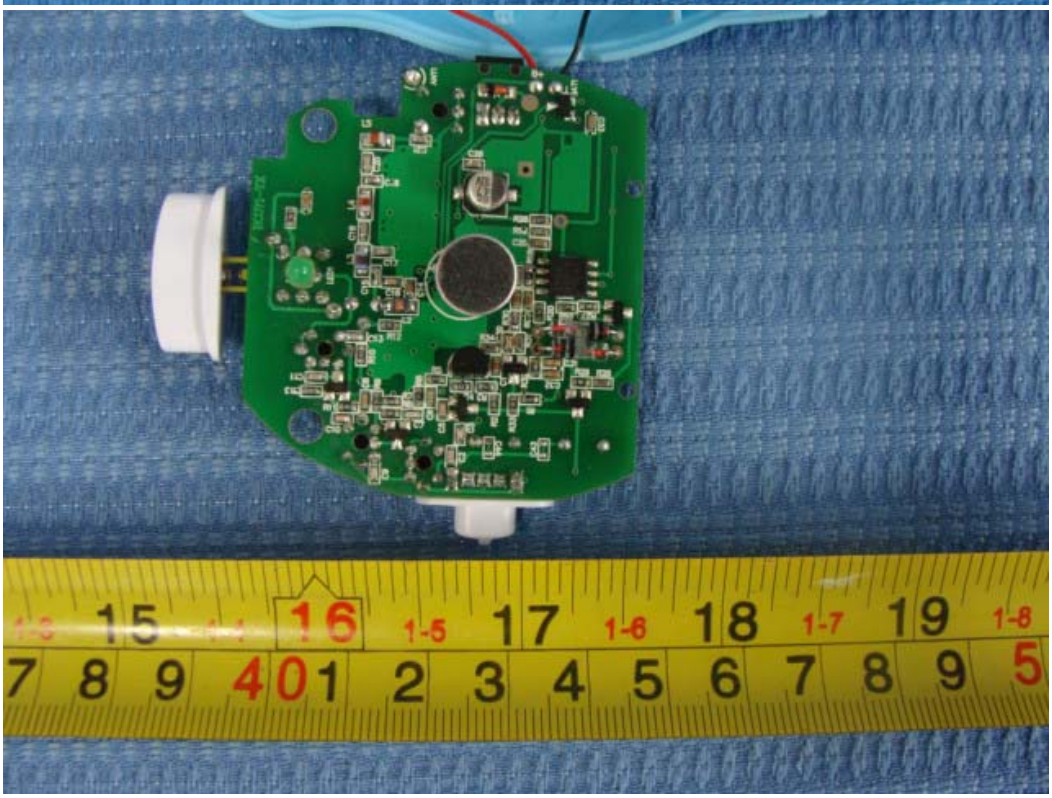


Photo for the EUT-TX





Power Adaptor

End of the report