



# FCC 47 CFR PART 15 SUBPART C

## TEST REPORT

*For*

**Applicant : GRACO CHILDREN'S PRODUCTS INC.**

**Address : 3 Glenlake Parkway, Atlanta, GA,USA 30328**

**Product Name : Baby monitor**

**Model Name : PD211756**

**Brand Name : Graco**

**FCC ID : M6YPD211756**

**Report No. : MTE/EAH/T13030360-1**

**Date of Issue : May 22, 2013**

**Issued by : Most Technology Service Co., Ltd.**

**Address : No.5, 2nd Langshan Road, North District, Hi-tech Industrial  
Park, Nanshan, Shenzhen, Guangdong, China**

**Tel : 86-755-8617 0306**

**Fax : 86-755-8617 0310**

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**1. VERIFICATION OF CONFORMITY**

**Equipment Under Test:** Baby monitor  
**Brand Name:** Graco  
**Model Number:** PD211756  
**FCC ID:** M6YPD211756  
**Applicant:** GRACO CHILDREN’S PRODUCTS INC.  
 3 Glenlake Parkway, Atlanta, GA,USA 30328  
**Manufacturer:** HonorTone Limited  
 Lot No.15-16, Western Zone, Daya Bay Wan, Huizhou City, Guangdong  
 Province, China  
**Technical Standards:** 47 CFR Part 15 Subpart C  
**File Number:** MTE/EAH/T13030360-1  
**Date of test:** March 11-May 22, 2013  
**Deviation:** None  
**Condition of Test Sample:** Normal  
**Test Result:** PASS

The above equipment was tested by Most Technology Service Co., Ltd. for compliance with the requirements set forth in FCC rules and the Technical Standards mentioned above. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment and the level of the immunity endurance of the equipment are within the compliance requirements.

The test results of this report relate only to the tested sample identified in this report.

Prepared by (+ signature): *Dona*  
 Dona Liu May 22, 2013

Review by (+ signature): *Elva*  
 Elva Wong May 22, 2013

Approved by (+ signature): *[Signature]*  
 Yvette Zhou May 22, 2013



## 2. GENERAL INFORMATION

### 2.1 Product Information

<b>Product</b>	Baby monitor
<b>Brand Name</b>	Graco
<b>Model Number</b>	PD211756
<b>Series Model Name:</b>	N/A
<b>Series Model Difference description:</b>	N/A
<b>Power Supply</b>	DC 6V by AC Adapter AC 120V/60Hz
<b>Frequency Range</b>	49.830MHz – 49.875 MHz
<b>Modulation Technique</b>	FM
<b>Channel Number</b>	4 (49.830MHz, 49.845MHz, 49.860MHz, 49.875MHz)
<b>Antenna Type</b>	Internal
<b>Antenna Gain</b>	0 dBi
<b>Temperature Range</b>	0°C-50°C

**NOTE:**

1. For a more detailed features description about the EUT, please refer to User's Manual.

## 2.2 OBJECTIVE

The objective of the report is to perform tests according to 47 CFR Part 15 Subpart C for the EUT FCC ID Certification:

No.	Identity	Document Title
1	47 CFR Part 15 (10-1-05 Edition)	Radio Frequency Devices

## 2.3 Test Standards and Results

Test items and the results are as bellow:

No.	Section	Description	Result	Date of Test
1	15.235	Radiated Emission	PASS	2013-05-17
2	15.235	Band Edge	PASS	2013-05-17
3	sub-part C	20dB Bandwidth	PASS	2013-05-22
4	15.203	Antenna Requirement	PASS	2013-03-30
5	15.207	Power Line Conducted Emission Test	PASS	2013-03-11

*Note:* 1. The test result judgment is decided by the limit of measurement standard  
2. The information of measurement uncertainty is available upon the customer's request.

## 2.4 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

- Temperature: 15-35°C
- Humidity: 30-60 %
- Atmospheric pressure: 86-106 kPa

### 3. TEST METHODOLOGY

#### 3.1 TEST FACILITY

Test Site:	Most Technology Service Co., Ltd
Location:	No.5, Langshan 2nd Rd., North Hi-Tech Industrial park, Nanshan, Shenzhen, Guangdong, China
Description:	There is one 3m semi-anechoic an area test sites and two line conducted labs for final test. The Open Area Test Sites and the Line Conducted labs are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2003 and CISPR 16 requirements. The FCC Registration Number is <b>490827</b> . The IC Registration Number is <b>7103A-1</b> .
Site Filing:	The site description is on file with the Federal Communications Commission, 7435 Oakland Mills Road, Columbia, MD 21046.
Instrument Tolerance:	All measuring equipment is in accord with ANSI C63.4:2003 and CISPR 16 requirements that meet industry regulatory agency and accreditation agency requirement.
Ground Plane:	Two conductive reference ground planes were used during the Line Conducted Emission, one in vertical and the other in horizontal. The dimensions of these ground planes are as below. The vertical ground plane was placed distancing 40 cm to the rear of the wooden test table on where the EUT and the support equipment were placed during test. The horizontal ground plane projected 50 cm beyond the footprint of the EUT system and distanced 80 cm to the wooden test table. For Radiated Emission Test, one horizontal conductive ground plane extended at least 1m beyond the periphery of the EUT and the largest measuring antenna, and covered the entire area between the EUT and the antenna.

#### 3.2 GENERAL TEST PROCEDURES

##### Radiated Emissions

The EUT is placed on a turn table, which is 0.8 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 13.1.4.1 of ANSI C63.4:2003.

##### Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 13.1.4.1 of ANSI C63.4:2003,Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-peak and average detector modes.

**4 SETUP OF EQUIPMENT UNDER TEST**

**4.1 SETUP CONFIGURATION OF EUT**

See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

**4.2 SUPPORT EQUIPMENT**

Device Type	Brand	Model	Power Cable Length
AC Adapter	Graco	KU1B-060-0200D	1.6M

*Remark:*

*All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test. Grounding was established in accordance with the manufacturer’s requirements and conditions for the intended use.*



### 4.3 TEST EQUIPMENT LIST

**Instrumentation:** The following list contains equipment used at Most for testing. The equipment conforms to the CISPR 16-1 / ANSI C63.2 Specifications for Electromagnetic Interference and Field Strength Instrumentation from 10 kHz to 1.0 GHz or above.

No.	Equipment	Manufacturer	Model No.	S/N	Calculator date	Calculator Interval
1	Test Receiver	Rohde & Schwarz	ESCI	100492	2013/03/10	1 Year
2	L.I.S.N.	Rohde & Schwarz	ENV216	100093	2013/03/10	1 Year
3	Coaxial Switch	Anritsu Corp	MP59B	6200283933	2013/03/07	1 Year
4	Terminator	Hubersuhner	50Ω	No.1	2013/03/07	1 Year
5	RF Cable	SchwarzBeck	N/A	No.1	2013/03/07	1 Year
6	Test Receiver	Rohde & Schwarz	ESPI	101202	2013/03/10	1 Year
7	Bilog Antenna	Sunol	JB3	A121206	2013/03/14	1 Year
8	Horn Antenna	SCHWARZBECK	BBHA9120D	756	2013/03/14	1 Year
9	Horn Antenna	Penn Engineering	9034	8376	2013/03/14	1 Year
10	Cable	Resenberger	N/A	NO.1	2013/03/07	1 Year
11	Cable	SchwarzBeck	N/A	NO.2	2013/03/07	1 Year
12	Cable	SchwarzBeck	N/A	NO.3	2013/03/07	1 Year
13	DC Power Filter	DuoJi	DL2×30B	N/A	2013/03/07	1 Year
14	Single Phase Power Line Filter	DuoJi	FNF 202B30	N/A	2013/03/07	1 Year
15	3 Phase Power Line Filter	DuoJi	FNF 402B30	N/A	2013/03/07	1 Year
16	Test Receiver	Rohde & Schwarz	ESCI	100492	2013/03/10	1 Year
17	Absorbing Clamp	Luthi	MDS21	3635	2013/03/12	1 Year
18	Coaxial Switch	Anritsu Corp	MP59B	6200283933	2013/03/07	1 Year
19	AC Power Source	Kikusui	AC40MA	LM003232	2013/03/10	1 Year
20	Test Analyzer	Kikusui	KHA1000	LM003720	2013/03/10	1 Year
21	Line Impedance Network	Kikusui	LIN40MA-PCR-L	LM002352	2013/03/10	1 Year
22	ESD Tester	Kikusui	KES4021	LM003537	2013/03/07	1 Year
23	EMC PRO System	EM Test	UCS-500-M4	V0648102026	2013/03/10	1 Year
24	Signal Generator	IFR	2032	203002/100	2013/03/10	1 Year
25	Amplifier	A&R	150W1000	301584	2013/03/14	1 Year
26	CDN	FCC	FCC-801-M2-25	47	2013/03/10	1 Year
27	CDN	FCC	FCC-801-M3-25	107	2013/03/10	1 Year
28	EM Injection Clamp	FCC	F-203I-23mm	403	2013/03/10	1 Year
29	RF Cable	MIYAZAKI	N/A	No.1/No.2	2013/03/10	1 Year
30	Universal Radio Communication Tester	ROHDE&SCHWARZ	CMU200	0304789	2013/03/10	1 Year
31	Telecommunication Antenna	European Antennas	PSA 75301R/170	0304213	2013/03/10	1 Year
32	Telecommunication Test Equipment	R&S	CMU200	N/A	2013/03/07	1 Year
33	8 Loop Antenna	ARA	PLA-1030/B	1029	2013/02/19	1 Year

**NOTE:** Equipments listed above have been calibrated and are in the period of validation.

## 5. RSS-210/47 CFR Part 15 C Requirements

### 5.1 RADIATED EMISSION

#### 5.1.1 Definition

The field strength of any emission within this band shall not exceed 10000 micro volts /meter at 3 meters. The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in section 15.35 for limiting peak emissions apply.

1. The field strength of any emissions which appear outside of this band shall not exceed the general radiated emission limits in section 15.209 (Intentional Radiators general limit), as below.

Frequency (MHz)	Field Strength (µV/m)	Measurement Distance (m)
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

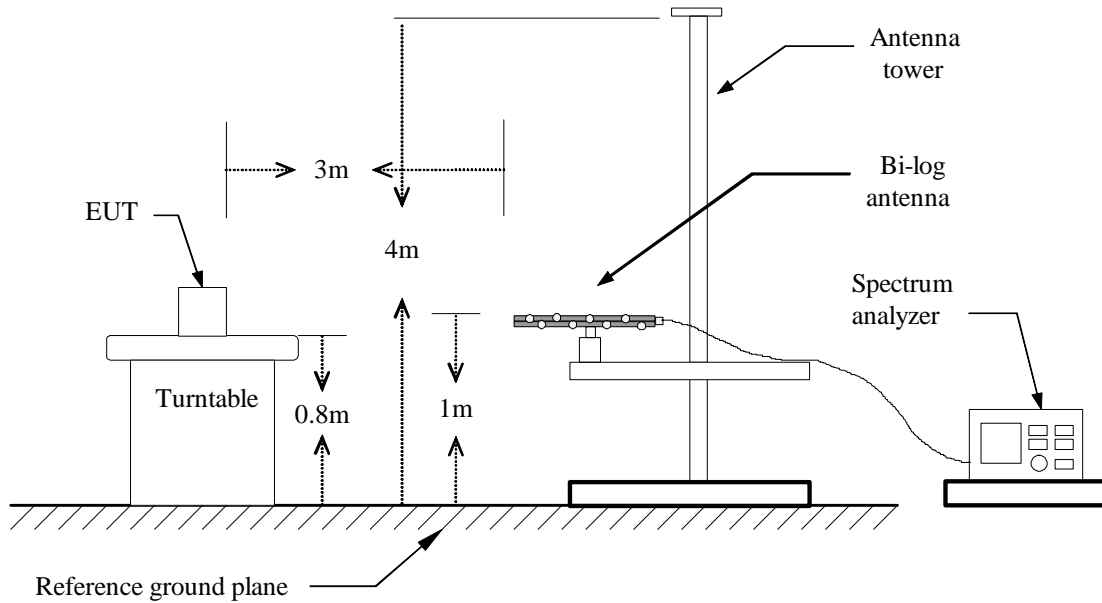
**Remark:** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

2. In the above emission table, the tighter limit applies at the band edges.

Frequency (Hz)	Field Strength (µV/m at 3-meter)	Test Distance (m)	Field Strength (dBµV/m at 3-meter)
1.705-30	30	3	69.54
30-88	100	3	40
88-216	150	3	43.5
216-960	200	3	46
Above 960	500	3	54
Fundamental	250	3	48

### 5.1.2 Test Configuration

**Test Setup:**



### 5.1.3 Test Description

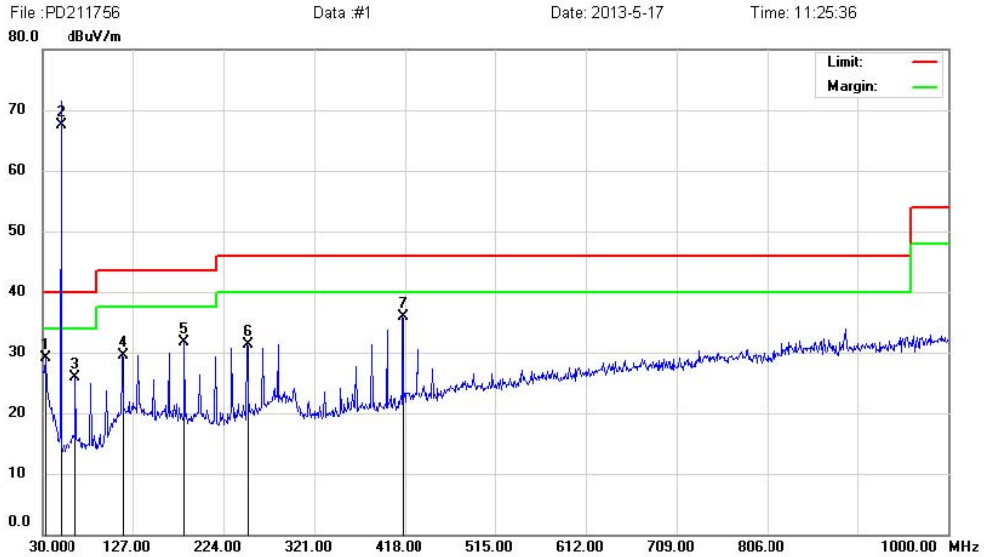
1. The EUT is placed on a turntable, which is 0.8m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
4. Maximum procedure 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 both horizontal and vertical.
6. Set the spectrum analyzer in the following setting as:  
 Below 1GHz: RBW=100 kHz / VBW=300 kHz / Sweep=AUTO  
 Above 1GHz : ( a ) PEAK: RBW=VBW=1MHz / Sweep=AUTO  
               (b ) AVERAGE: RBW=1MHz / VBW=10Hz / Sweep=AUTO
7. Repeat above procedures until the measurements for all frequencies are complete.

5.1.4 Test Result



Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong ,China  
Tel: 0755-86170306 Fax: 0755-86170310

Radiated Emission Measurement



Site: site MOST 3M Polarization: **Vertical** Temperature: 26  
 Limit: FCC Part15 B 3M Radiation Power: DC 6V Adapter AC 120V/60Hz Humidity: 61 %  
 EUT: Baby Monitor Distance:  
 M/N: PD211756  
 Mode: Running  
 Note: TX

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Detector	Comment
1		32.9099	8.07	21.10	29.17	40.00	-10.83			QP	
2	*	49.8300	57.10	10.40	67.50	80.00	-12.50			AVG	
3		65.8900	14.51	11.33	25.84	40.00	-14.16			QP	
4		116.3300	12.44	16.99	29.43	43.50	-14.07			QP	
5		182.2899	14.93	16.68	31.61	43.50	-11.89			QP	
6		249.2200	13.85	17.38	31.23	46.00	-14.77			QP	
7		415.0900	16.41	19.56	35.97	46.00	-10.03			QP	

\*:Maximum data x:Over limit !:over margin

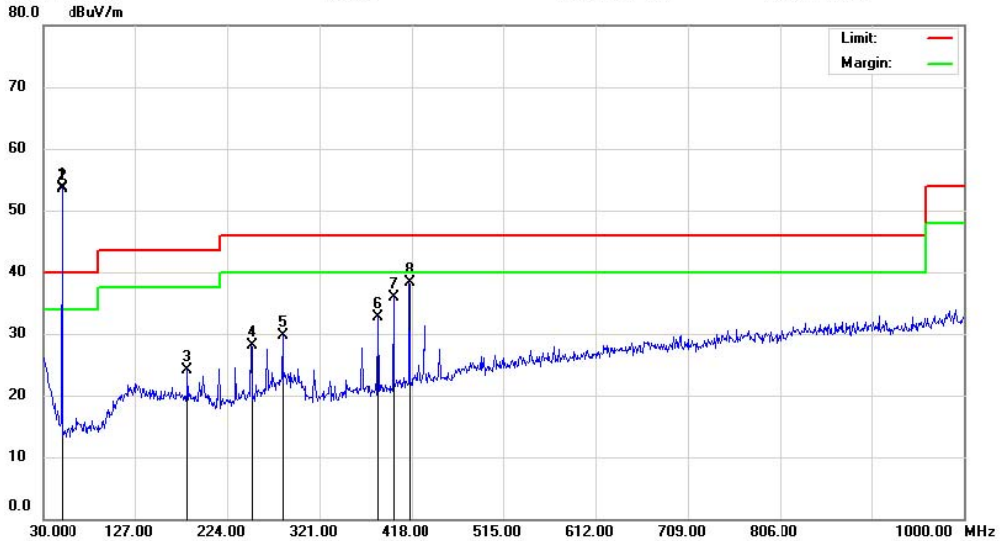
Engineer Signature: Roy



Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong ,China  
Tel: 0755-86170306 Fax: 0755-86170310

**Radiated Emission Measurement**

File :PD211756 Data :#2 Date: 2013-5-17 Time: 11:37:25



Site site MOST 3M Polarization: *Horizontal* Temperature: 26  
 Limit: FCC Part15 B 3M Radiation Power: DC 6V Adapter AC 120V/60Hz Humidity: 61 %  
 EUT: Baby Monitor Distance:  
 M/N: PD211756  
 Mode: Running  
 Note:TX

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	49.4000	43.12	10.60	53.72	40.00	13.72	QP		
2	X	49.8300	43.20	10.39	53.59	80.00	-16.41	AVG		
3		182.2899	7.47	16.68	24.15	43.50	-19.35	QP		
4		249.2200	10.79	17.38	28.17	46.00	-17.83	QP		
5		282.2000	10.25	19.40	29.65	46.00	-16.35	QP		
6		382.1099	14.54	18.14	32.68	46.00	-13.32	QP		
7		398.6000	17.23	18.65	35.88	46.00	-10.12	QP		
8		415.0900	18.70	19.56	38.26	46.00	-7.74	QP		

\*:Maximum data x:Over limit !:over margin

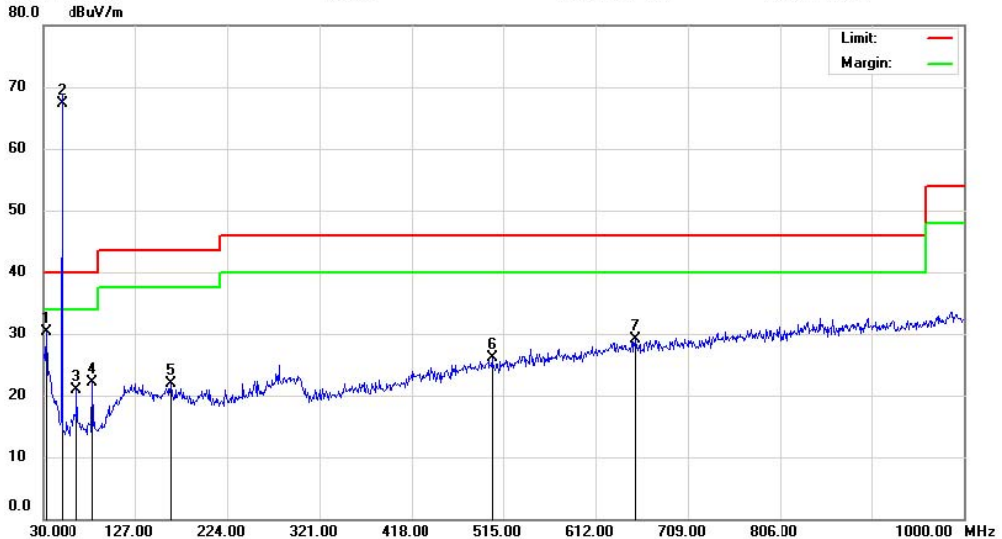
Engineer Signature: Roy



Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong ,China  
Tel: 0755-86170306 Fax: 0755-86170310

**Radiated Emission Measurement**

File :PD211756 Data :#3 Date: 2013-5-17 Time: 11:53:51



Site site MOST 3M Polarization: **Vertical** Temperature: 26  
 Limit: FCC Part15 B 3M Radiation Power: DC 6V Adapter AC 120V/60Hz Humidity: 61 %  
 EUT: Baby Monitor Distance:  
 M/N: PD211756  
 Mode: Running  
 Note:TX

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		32.9099	9.17	21.10	30.27	40.00	-9.73	QP		
2	*	49.8750	57.00	10.37	67.37	80.00	-12.63	AVG		
3		65.8900	9.58	11.33	20.91	40.00	-19.09	QP		
4		82.3799	10.61	11.40	22.01	40.00	-17.99	QP		
5		164.8300	4.59	17.26	21.85	43.50	-21.65	QP		
6		503.3600	4.62	21.43	26.05	46.00	-19.95	QP		
7		653.7100	4.96	24.14	29.10	46.00	-16.90	QP		

\*:Maximum data x:Over limit l:over margin

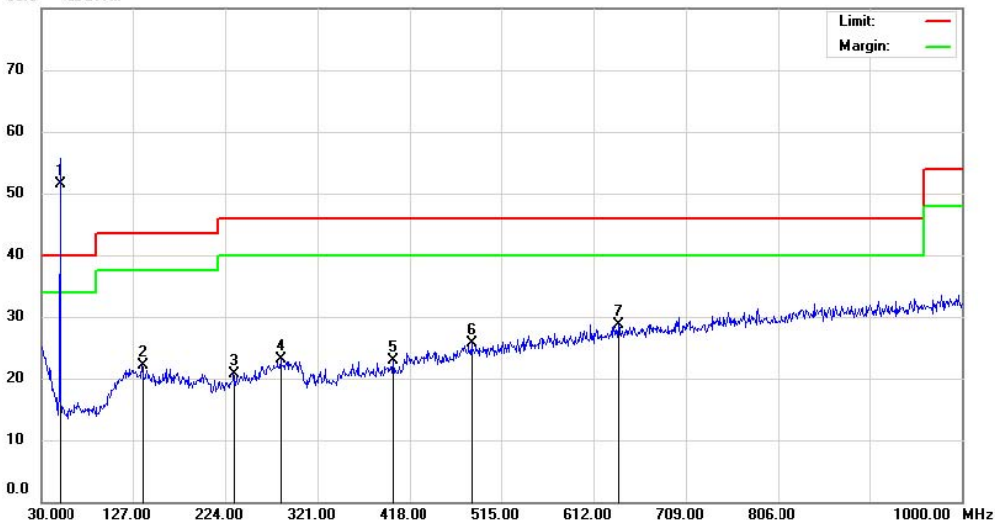
Engineer Signature: Roy



Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong ,China  
Tel: 0755-86170306 Fax: 0755-86170310

**Radiated Emission Measurement**

File :PD211756 Data :#4 Date: 2013-5-17 Time: 12:05:15



Site site MOST 3M Polarization: **Horizontal** Temperature: 26  
 Limit: FCC Part15 B 3M Radiation Power: DC 6V Adapter AC 120V/60Hz Humidity: 61 %  
 EUT: Baby Monitor Distance:  
 M/N: PD211756  
 Mode: Running  
 Note:TX

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	49.8750	41.20	10.36	51.56	80.00	-28.44	AVG		
2		136.7000	4.71	17.37	22.08	43.50	-21.42	QP		
3		232.7300	4.11	16.69	20.80	46.00	-25.20	QP		
4		282.2000	3.78	19.40	23.18	46.00	-22.82	QP		
5		400.5400	4.10	18.72	22.82	46.00	-23.18	QP		
6		483.9600	4.02	21.70	25.72	46.00	-20.28	QP		
7		638.1900	4.78	23.96	28.74	46.00	-17.26	QP		

\*:Maximum data x:Over limit !:over margin

Engineer Signature: Roy

**Operation Mode:** TX Mode  
**Temperature:** 20°C  
**Humidity:** 70 % RH

**Test Date:** May 17, 2013  
**Tested by:** Sky Guo  
**Polarity:** Ver. / Hor.

Freq. (MHz)	Ant. Pol H/V	Reading (dBuV)	Detector	Ant. / CL CF (dB)	Emission Level	Limit (dBuV/m)	Margin (dB)
					(dBuV/m)		
49.83	H	43.20	AV	10.39	53.59	80.00	-16.41
49.875	H	41.20	AV	10.36	51.56	80.00	-28.44
49.83	V	57.10	AV	10.40	67.50	80.00	-12.50
49.875	V	57.00	AV	10.37	67.37	80.00	-12.63

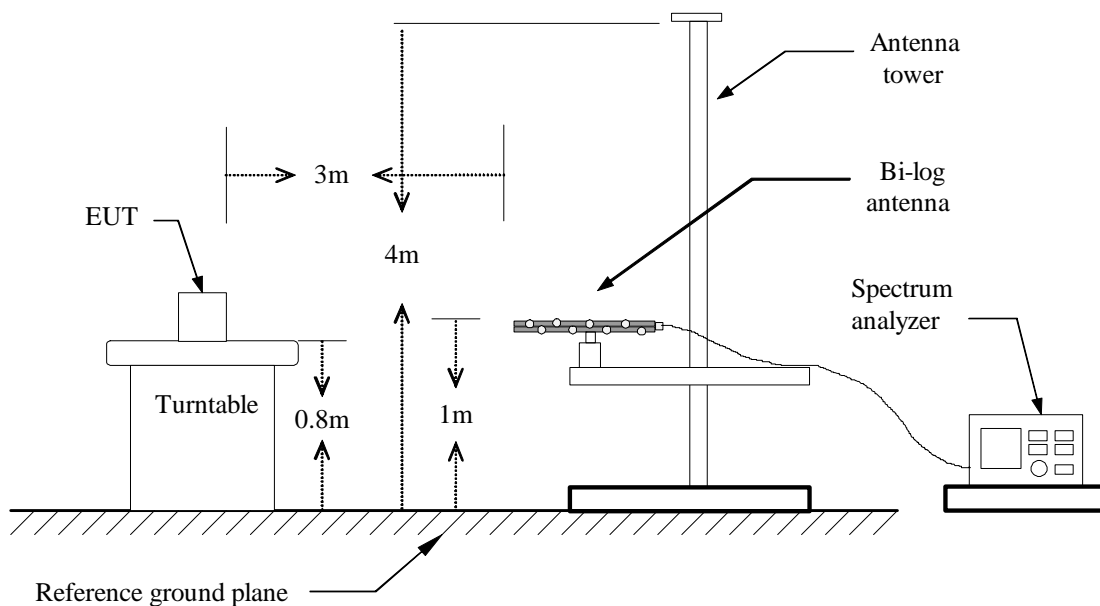


## 5.2 BAND EDGE

### 5.2.1 Requirement

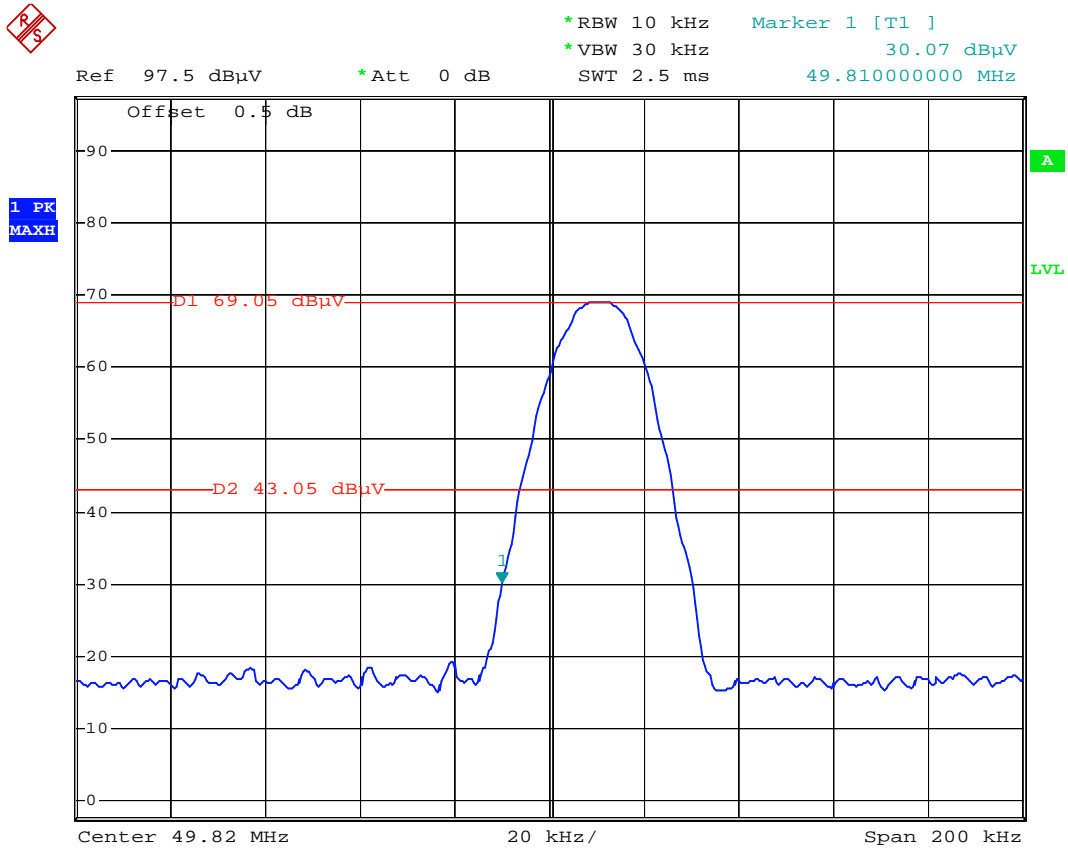
According to FCC section 15.235(b), the field strength of any emissions appearing between the band edges and up to 10 kHz above and below the band edges shall be attenuated at least 26 dB below the level of the unmodulated carrier or to the general limits in Section 15.209, whichever permits the higher emission levels.

### 5.2.2 Test Description



### 5.2.3 Test Result

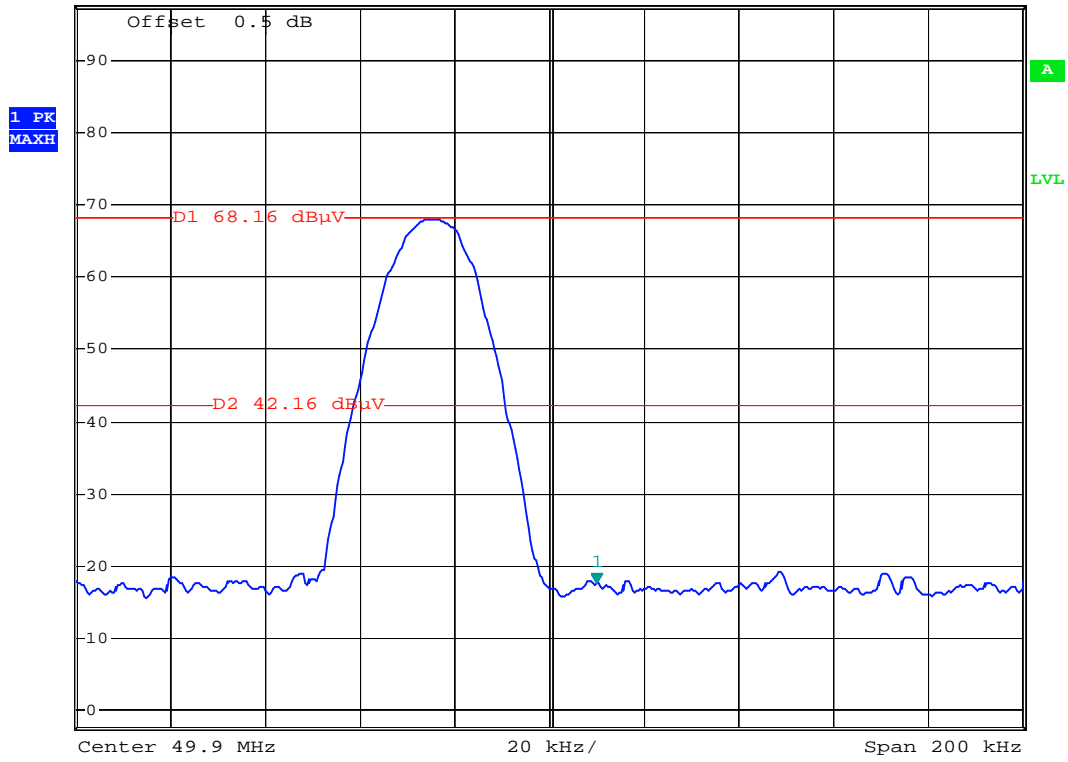
#### Test Plot:



Date: 17.MAY.2013 17:04:12



Ref 97.5 dBμV      \*Att 0 dB      \*RBW 10 kHz      Marker 1 [T1 ]  
\*VBW 30 kHz      17.53 dBμV  
SWT 2.5 ms      49.91000000 MHz



Date: 17.MAY.2013 16:59:01

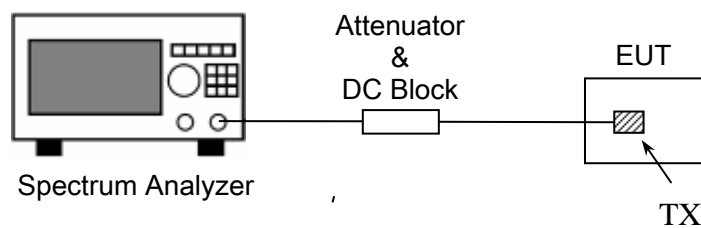
### 5.3 20 dB Bandwidth

#### 5.3.1 Definition

Intentional radiators operating under the alternative provisions to the general emission limits, as Contained in §15.217 through 15.257 and in sub-part C of this part, must be designed to ensure that the 20 dB Bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific Rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

#### 5.3.2 Block Diagram Of Test Setup

The EUT is powered by the Battery, is coupled to the Spectrum Analyzer (SA) through the Attenuator/DC Block. The path loss as the factor is calibrated to correct the reading. During the measurement, the EUT is activated and is set to operate at maximum power. The RF load attached to the EUT antenna terminal is 50Ohm.

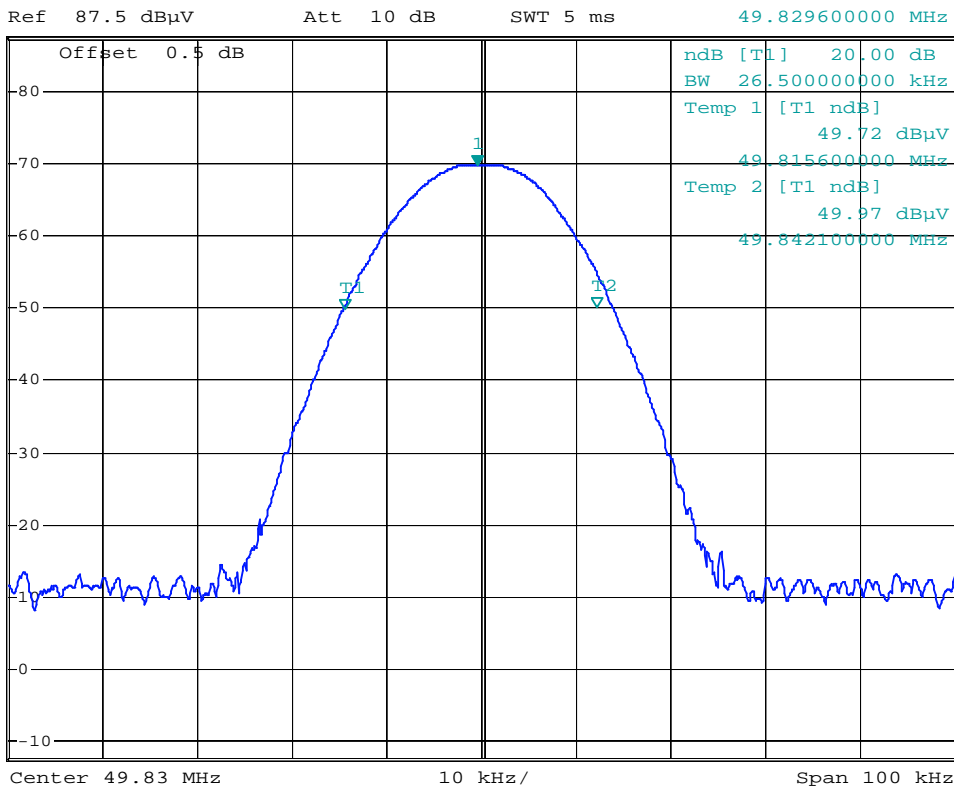


#### 5.3.3 Test Result

Frequency (MHz)	Test Result(kHz)
49.830	26.50
49.875	26.80



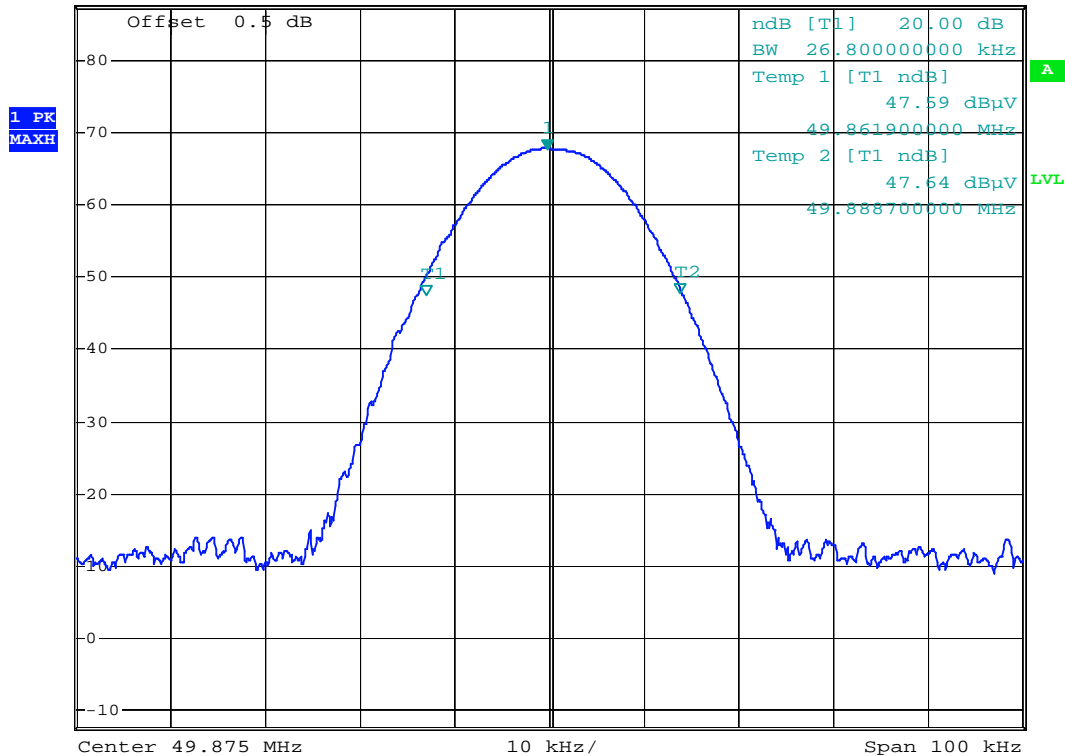
\*RBW 10 kHz    Marker 1 [T1]    69.85 dBμV  
\*VBW 30 kHz  
SWT 5 ms    49.829600000 MHz



Date: 22.MAY.2013 10:57:45



\*RBW 10 kHz    Marker 1 [T1 ]  
 \*VBW 30 kHz    67.67 dBμV  
 Ref 87.5 dBμV    Att 10 dB    SWT 5 ms    49.874700000 MHz



Date: 22.MAY.2013 10:52:56

## **5.4 ANTENNA REQUIREMENT**

### **5.4.1 Definition**

An analysis of the PD211756 was performed to determine compliance with FCC Section 15.203. This section requires specific handling and control of antennas used for devices subject to regulations.

### **5.4.2 Evaluation Procedure**

The structure and application of the PD211756 was analyzed with respect to the rules. The antenna is an internal antenna, and is not accessible to the user. An auxiliary antenna port is not present.

### **5.4.3 Evaluation Criteria**

Section 15.203 of the rules states that the subject device must meet at least one of the following criteria:

- (a) Antenna must be permanently attached to the unit.
- (b) Antenna must use a unique type of connector to attach to the EUT.
- (c) Unit must be professionally installed, Installer shall be responsible for verifying that the correct antenna is employed with the unit.

### **5.4.4 Evaluation Results**

The PD211756 meets the criteria of this rule by virtue of having an internal antenna inaccessible to the user. The EUT is therefore compliant.

### 5.5 POWER LINE CONDUCTED EMISSION TEST

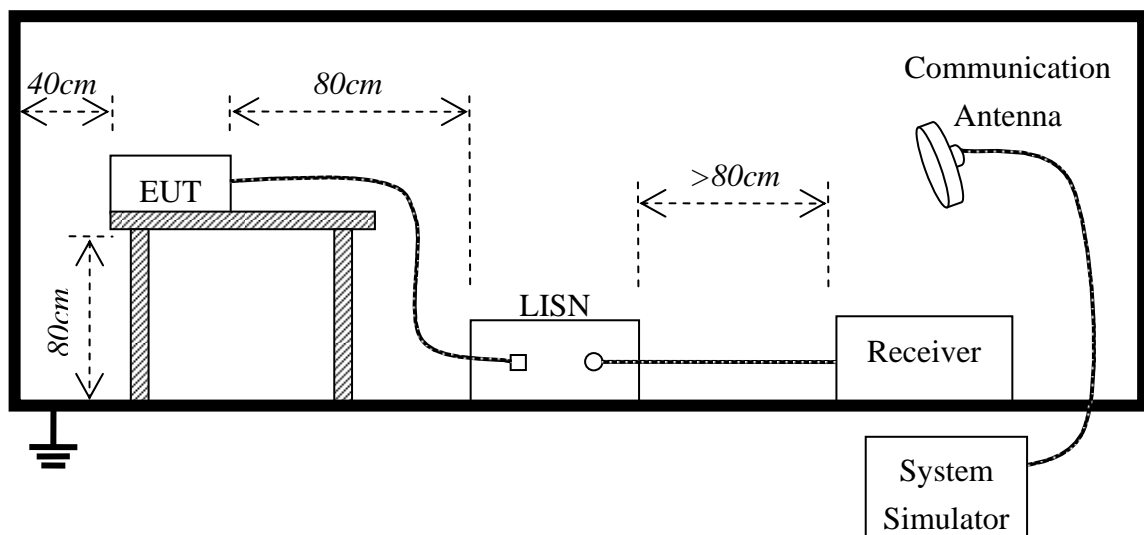
#### 5.5.1 Limits of Line Conducted Emission Test

Frequency	Maximum RF Line Voltage	
	Q.P.( dBuV)	Average( dBuV)
150kHz-500kHz	66-56	56-46
500kHz-5MHz	56	46
5MHz-30MHz	60	50

**\*\*Note:** 1. the lower limit shall apply at the transition frequency.

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz

#### 5.5.2 BLOCK DIAGRAM OF TEST SETUP





**5.5.3 Preliminary procedure of line conducted emission test**

- 1) The equipment was set up as per the test configuration to simulate typical actual usage per the user’s manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per FCC Part 15 (see Test Facility for the dimensions of the ground plane used). When the EUT is floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2) Support equipment, if needed, was placed as per FCC Part 15.
- 3) All I/O cables were positioned to simulate typical actual usage as per FCC Part 15.
- 4) The EUT received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5) All support equipments received power from a second LISN supplying power of AC 120V/60Hz, if any.
- 6) The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7) Analyzer / Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.
- 8) During the above scans, the emissions were maximized by cable manipulation.
- 9) The following test mode(s) were scanned during the preliminary test:

Preliminary Conducted Emission Test				
Frequency Range Investigated		150KHz TO 30 MHz		
Mode of operation	Date	Report No.	Data#	Worst Mode
Running Mode	2013-3-11	MTE/EAH/T13030360	PD211756_(L, N)	■

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

**5.5.4 Final procedure of line conducted emission test**

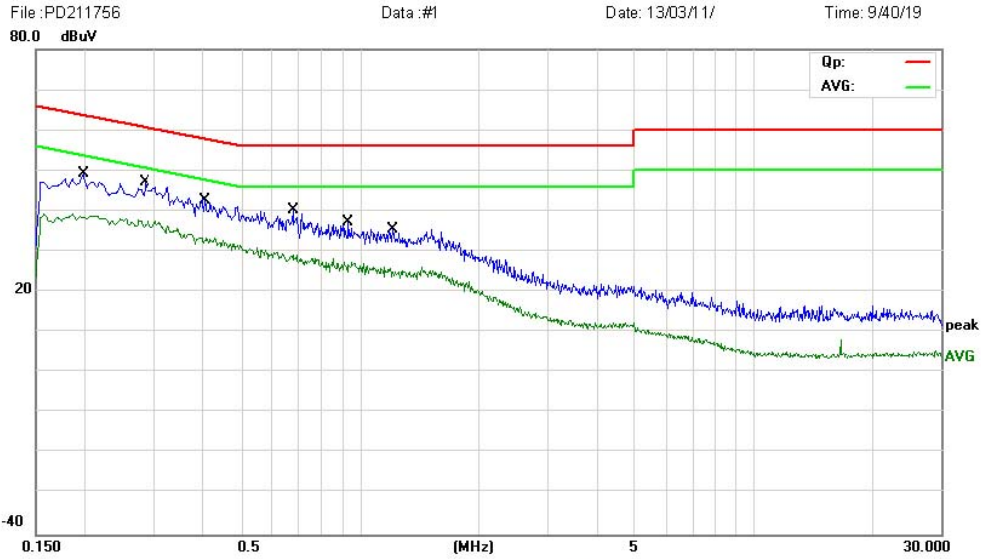
EUT and support equipment was set up on the test bench as per step 9 of the preliminary test. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less -2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector. The test data of the worst case condition(s) was reported on the Summary Data page.

5.5.5 Test result of line conducted emission test



Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong ,China  
Tel: 0755-86170306 Fax: 0755-86170310

Conducted Emission Measurement



Site site #1 Phase: **L1** Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: DC 6V Adapter AC 120V/60Hz Humidity: 60 %  
 EUT: Baby Monitor  
 M/N: PD211756  
 Mode: Running  
 Note: TX

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1980	37.25	11.88	49.13	63.69	-14.56	QP	
2	*	0.2860	35.64	11.43	47.07	60.64	-13.57	QP	
3		0.4060	31.90	10.63	42.53	57.73	-15.20	QP	
4		0.6780	30.34	10.00	40.34	56.00	-15.66	QP	
5		0.9380	27.28	10.00	37.28	56.00	-18.72	QP	
6		1.2100	25.65	9.79	35.44	56.00	-20.56	QP	

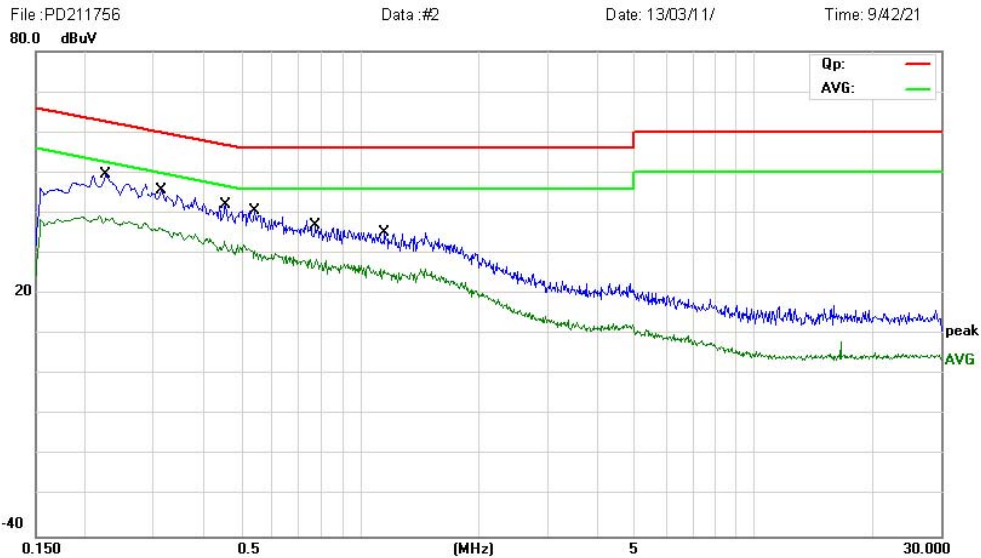
\*:Maximum data x:Over limit l:over margin

Engineer Signature: Allen



Address:No.5,Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong ,China  
Tel: 0755-86170306 Fax: 0755-86170310

**Conducted Emission Measurement**



Site site #1 Phase: **N** Temperature: 26  
 Limit: FCC Part15 B Class B QP Power: DC 6V Adapter AC 120V/60Hz Humidity: 60 %  
 EUT: Baby Monitor  
 M/N: PD211756  
 Mode: Running  
 Note: TX

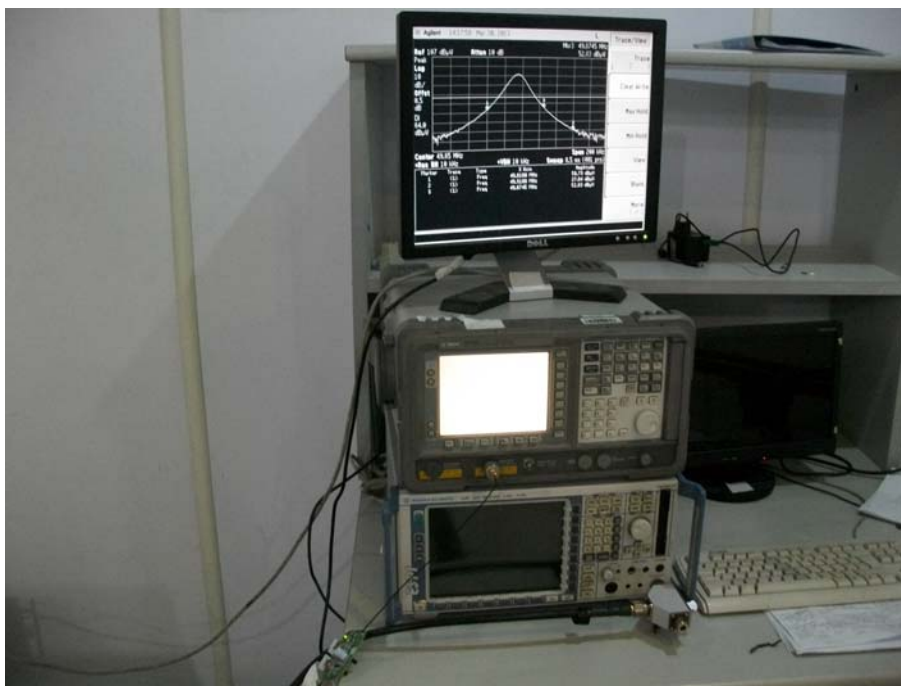
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.2260	37.77	11.83	49.60	62.60	-13.00	QP	
2		0.3140	34.42	11.24	45.66	59.86	-14.20	QP	
3		0.4580	31.91	10.28	42.19	56.73	-14.54	QP	
4		0.5420	30.65	10.00	40.65	56.00	-15.35	QP	
5		0.7740	26.97	10.00	36.97	56.00	-19.03	QP	
6		1.1540	25.20	9.85	35.05	56.00	-20.95	QP	

\*:Maximum data x:Over limit l:over margin

Engineer Signature: Allen

**APPENDIX 1**  
**PHOTOGRAPHS OF TEST SETUP**

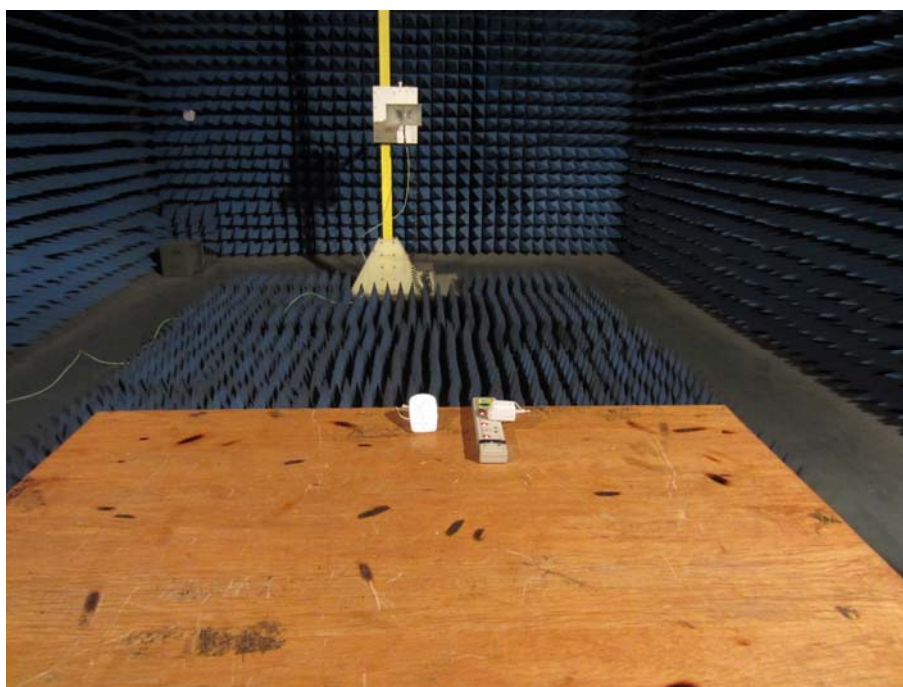
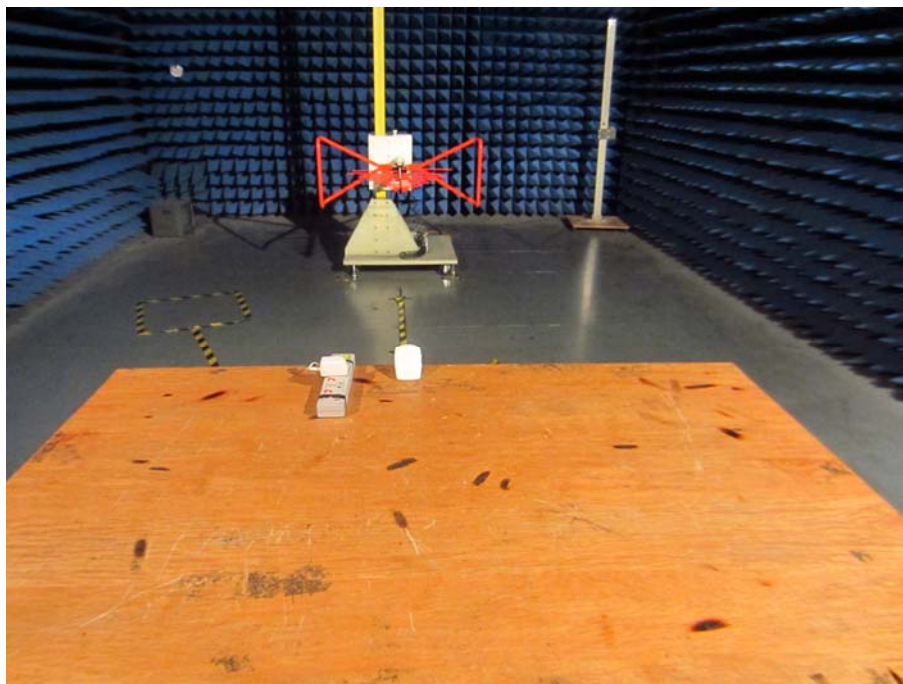
### CONDUCTED EMISSION TEST SETUP



### CE TEST SETUP



RE TEST SETUP



End of The Report