



FCC Part 15C Test Report

FCC ID:2AK33-JLT9025D

Product Name:	3.2inch LCD Digital Wireless Baby Monitor
Trademark:	JLT
Model Name :	JLT-9025D
Prepared For :	BBLUV Group
Address :	2820 Duchesne, Montréal, QC H4R 1J4, Canada
Prepared By :	Shenzhen BCTC Technology Co., Ltd.
Address :	No.101, Yousong Road, Longhua New District, Shenzhen,China
Test Date:	Nov. 12 - Dec.20, 2016
Date of Report :	Dec. 30, 2016
Report No.:	BCTC-FY161206359E



VERIFICATION OF COMPLIANCE

Applicant's name..... : **BBLUV Group**

Address..... : 2820 Duchesne, Montréal, QC H4R 1J4, Canada

Manufacture's Name..... : **JinLiTong International Co., Ltd.**

Address..... : Kangmai Industrial Zone,B building,F/3, Fuming village,
Guanlan town, longhua new district, Shenzhen, China

Product description

Product name..... : 3.2inch LCD Digital Wireless Baby Monitor

Trademark: JLT

Model Name: JLT-9025D

Standards: FCC Part15.249-2016
ANSI C63.10-2013

This device described above has been tested by BCTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Test Result..... : **Pass**

Testing Engineer :

Eric Yang

Reviewer
(Supervisor) :

Simon Wang

Approved &
Authorized
Signer(Manager) :



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. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.249) , Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.249	Fundamental &Radiated Spurious Emission Measurement	PASS	
15.249	Bandwidth	PASS	
15.205	Band Edge Emission	PASS	
15.203	Antenna Requirement	PASS	

TEST FACILITY

Shenzhen BCTC Technology Co., Ltd.

Add.:No.101,Yousong Road,Longhua New District, Shenzhen,China

FCC Registration No.:187086

MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately **95 %** .

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 1.38\text{dB}$
2	RF power,conducted	$\pm 0.16\text{dB}$
3	Spurious emissions,conducted	$\pm 0.21\text{dB}$
4	All emissions,radiated(<1G)	$\pm 4.68\text{dB}$
5	All emissions,radiated(>1G)	$\pm 4.89\text{dB}$
6	Temperature	$\pm 0.5^{\circ}\text{C}$
7	Humidity	$\pm 2\%$



. GENERAL INFORMATION

GENERAL DESCRIPTION OF EUT

Equipment	3.2inch LCD Digital Wireless Baby Monitor											
Trade Name	JLT											
Model Name	JLT-9025D											
Serial Model	N/A											
Model Difference	N/A											
Product Description	<table><tr><td>Operation Frequency:</td><td>2403.5~2475.5 MHz</td></tr><tr><td>Modulation Type:</td><td>GFSK</td></tr><tr><td>Number Of Channel</td><td>49 CH</td></tr><tr><td>Channel Separation</td><td>1.5MHz</td></tr><tr><td>Antenna Designation:</td><td>Please see Note 3.</td></tr></table>		Operation Frequency:	2403.5~2475.5 MHz	Modulation Type:	GFSK	Number Of Channel	49 CH	Channel Separation	1.5MHz	Antenna Designation:	Please see Note 3.
	Operation Frequency:	2403.5~2475.5 MHz										
	Modulation Type:	GFSK										
	Number Of Channel	49 CH										
	Channel Separation	1.5MHz										
	Antenna Designation:	Please see Note 3.										
Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.												
Channel List	Please refer to the Note 2.											
Rate Power	DC 3.7V/800mA battery Adapter: Model:NBS05B050100VU Input:AC 100-240V~50/60Hz, 0.2A Output: DC 5V/1A											
Connecting I/O Port(s)	Please refer to the User's Manual											
hardware version	JLT-9025RM-V3											
Software version	V1.0											

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



2.

Channel List					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2403.5	18	2429	35	2454.5
02	2405	19	2430.5	36	2456
03	2406.5	20	2432	37	2457.5
04	2408	21	2433.5	38	2459
05	2409.5	22	2435	39	2460.5
06	2411	23	2436.5	40	2462
07	2412.5	24	2438	41	2463.5
08	2414	25	2439.5	42	2465
09	2415.5	26	2441	43	2466.5
10	2417	27	2442.5	44	2468
11	2418.5	28	2444	45	2469.5
12	2420	29	2445.5	46	2471
13	2421.5	30	2447	47	2472.5
14	2423	31	2448.5	48	2474
15	2424.5	32	2450	49	2475.5
16	2426	33	2451.5		
17	2427.5	34	2453		

3.

Table for Filed Antenna

Ant	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
1	N/A	N/A	Internal	N/A	1.2dBi	

DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

For All Mode	Description	Modulation Type
Mode 1	CH01	GFSK
Mode 2	CH25	
Mode 3	CH49	
Mode 4	Link mode	

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) Fully-charged battery is used during the test

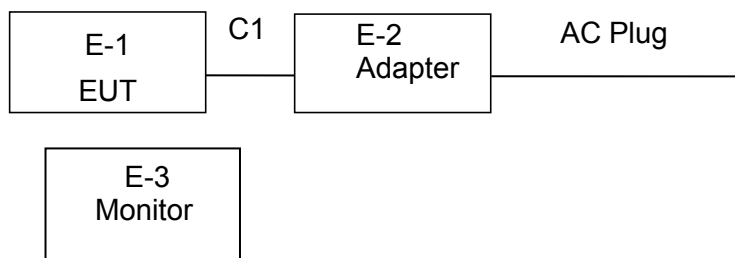
**TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING**

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer.

Frequency	2403.5 MHz	2439.5 MHz	2475.5 MHz
Channel	Low	Middle	High

BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Conducted Emission



Radiated Spurious Emission Test



**DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)**

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	3.2inch LCD Digital Wireless Baby Monitor	JLT	JLT-9025D	N/A	EUT
E-2	Adapter	N/A	NBS05B050100VU	N/A	
E-3	Monitor	N/A	JLT-9025D	N/A	Peripheral

Item	Shielded Type	Ferrite Core	Length	Note
C-1	N/A	N/A	1.0m	Adapter Cable

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” is means “shielded” “with core”; “NO” is means “unshielded” “without core”.



EQUIPMENTS LIST FOR ALL TEST ITEMS

For Conducted Emission at the mains terminals Test

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	843 Shielded Room	ChengYu	843 Room	843	2016.07.06	2017.07.05	1 year
2	EMI Receiver	R&S	ESCI	101421	2016.06.07	2017.06.06	1 year
3	LISN	Schwarzbeck	NSLK8127	8127739	2016.07.06	2017.07.05	1 year
4	Attenuator	R&S	ESH3-Z2	BCTC021E	2016.06.07	2017.06.06	1 year

Radiation test, Band-edge test and 20db bandwidth test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2016.07.06	2017.07.05	1 year
2	Test Receiver	R&S	ESPI	101318	2016.06.07	2017.06.06	1 year
3	Bilog Antenna	R&S	VULB 9168	VULB9168-438	2016.07.06	2017.07.05	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2016.06.07	2017.06.06	1 year
5	Spectrum Analyzer	ADVANTEST	R3132	150900201	2016.06.07	2017.06.06	1 year
6	Horn Antenna	R&S	HF906	10027	2016.07.06	2017.07.05	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2016.07.06	2017.07.05	1 year
8	Amplifier	R&S	BBV9743	9743-019	2016.08.25	2017.08.24	1 year
9	Loop Antenna	ARA	PLA-1030/B	1029	2016.06.08	2017.06.07	1 year
10	RF cables	R&S	R203	R20X	2016.07.06	2017.07.05	1 year
11	Antenna connector	Florida RFLabs	Lab-Fle	RF 01#	2016.07.06	2017.07.05	1 year

**. EMC EMISSION TEST****CONDUCTED EMISSION MEASUREMENT****POWER LINE CONDUCTED EMISSION Limits****(Frequency Range 150KHz-30MHz)**

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
	Quasi-peak	Average	Quas -peak	Average	
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	73.00	60.00	56.00	46.00	CISPR
5.0 -30.0	73.00	60.00	60.00	50.00	CISPR

0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

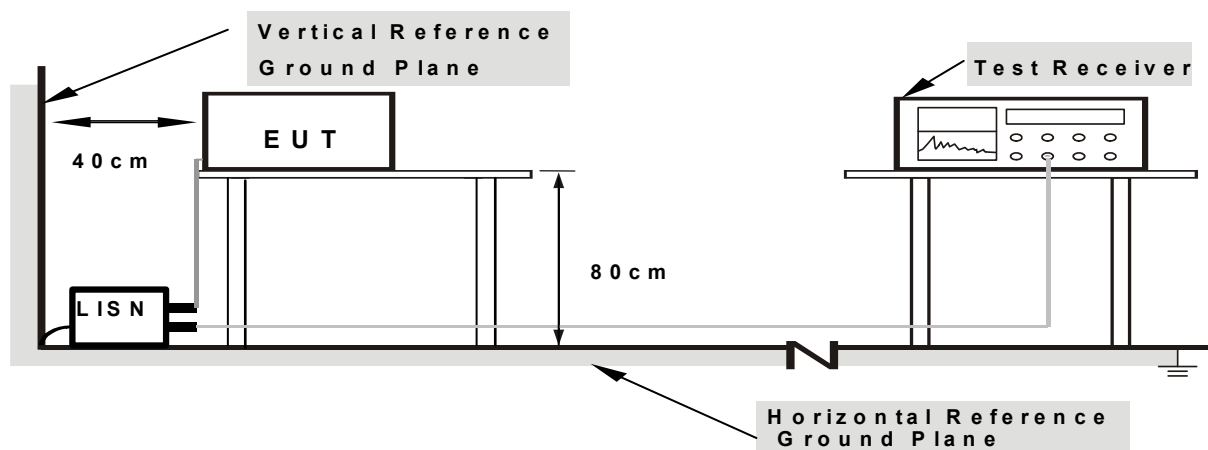
TEST PROCEDURE

- The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

DEVIATION FROM TEST STANDARD

No deviation

TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

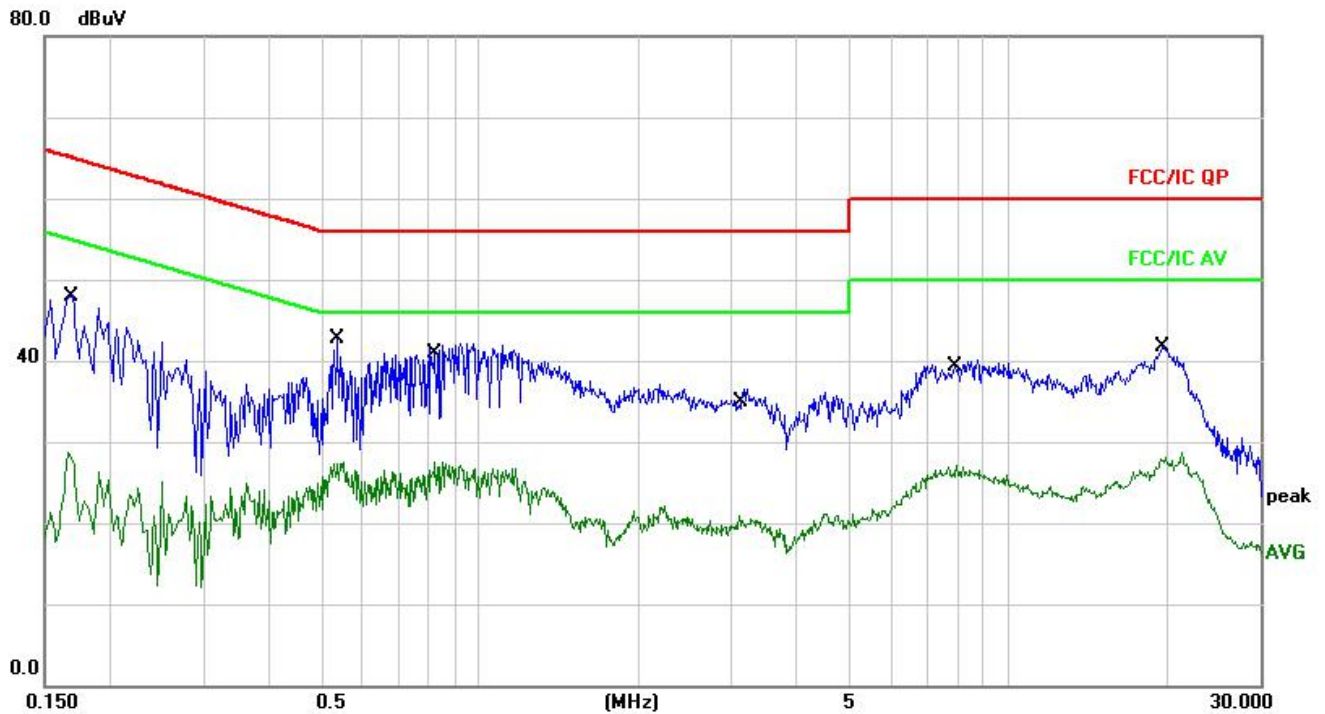
EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

We pretest AC 120V and AC 240V, the worst voltage was AC 120V and the data recording in the report.

**TEST RESULTS**

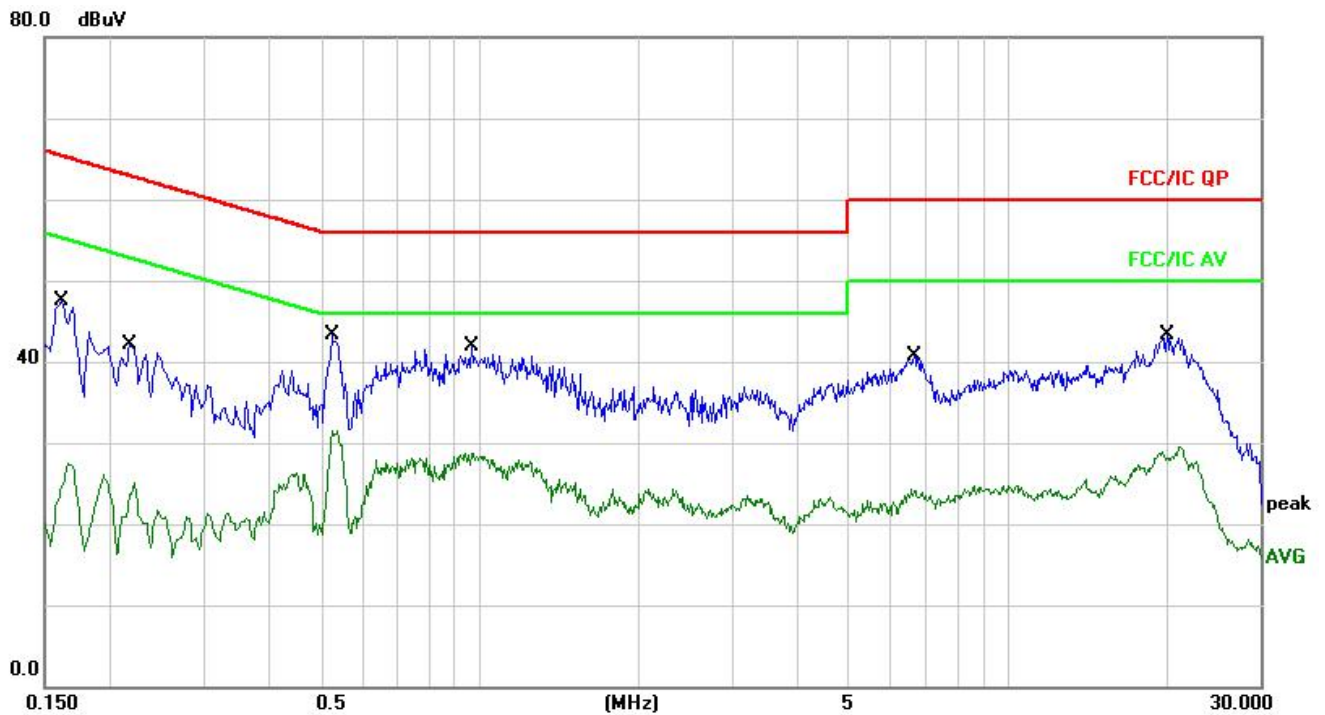
Temperature :	25 °C	Relative Humidity :	54%
Pressure :	1010hPa	Phase :	L
Test Voltage :	Input: AC120V/60Hz Output: DC 5V	Test Mode :	Mode4



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1660	38.38	9.66	48.04	65.15	-17.11	QP	
2		0.1660	19.03	9.66	28.69	55.15	-26.46	AVG	
3	*	0.5380	32.95	9.68	42.63	56.00	-13.37	QP	
4		0.5380	17.85	9.68	27.53	46.00	-18.47	AVG	
5		0.8260	32.44	9.69	42.13	56.00	-13.87	QP	
6		0.8260	17.88	9.69	27.57	46.00	-18.43	AVG	
7		3.1020	26.75	9.72	36.47	56.00	-19.53	QP	
8		3.1020	11.16	9.72	20.88	46.00	-25.12	AVG	
9		7.9940	30.32	9.81	40.13	60.00	-19.87	QP	
10		7.9940	17.24	9.81	27.05	50.00	-22.95	AVG	
11		19.5780	31.94	9.85	41.79	60.00	-18.21	QP	
12		19.5780	18.80	9.85	28.65	50.00	-21.35	AVG	



Temperature :	25 °C	Relative Humidity :	54%
Pressure :	1010hPa	Phase :	N
Test Voltage :	Input: AC120V/60Hz Output: DC 5V	Test Mode :	Mode4



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1620	37.84	9.67	47.51	65.36	-17.85	QP	
2		0.1620	17.81	9.67	27.48	55.36	-27.88	AVG	
3		0.2180	32.46	9.65	42.11	62.89	-20.78	QP	
4		0.2180	15.35	9.65	25.00	52.89	-27.89	AVG	
5	*	0.5260	33.54	9.68	43.22	56.00	-12.78	QP	
6		0.5260	21.88	9.68	31.56	46.00	-14.44	AVG	
7		0.9660	32.28	9.69	41.97	56.00	-14.03	QP	
8		0.9660	19.11	9.69	28.80	46.00	-17.20	AVG	
9		6.5740	30.98	9.79	40.77	60.00	-19.23	QP	
10		6.5740	14.58	9.79	24.37	50.00	-25.63	AVG	
11		19.9700	33.42	9.84	43.26	60.00	-16.74	QP	
12		19.9700	19.59	9.84	29.43	50.00	-20.57	AVG	

**RADIATED EMISSION MEASUREMENT****RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)**

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Class B (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

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



Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

TEST PROCEDURE

- The measuring distance of at 3 m shall be used for measurements at frequency up to 25GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 and 1.5 meters above the ground at a 3 meter semi-chamber test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The height of the equipment or of the substitution antenna shall be 0.8 m; above 1GHz, the height was 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.
- For the radiated emission test above 1GHz:

Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.

The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

Note:

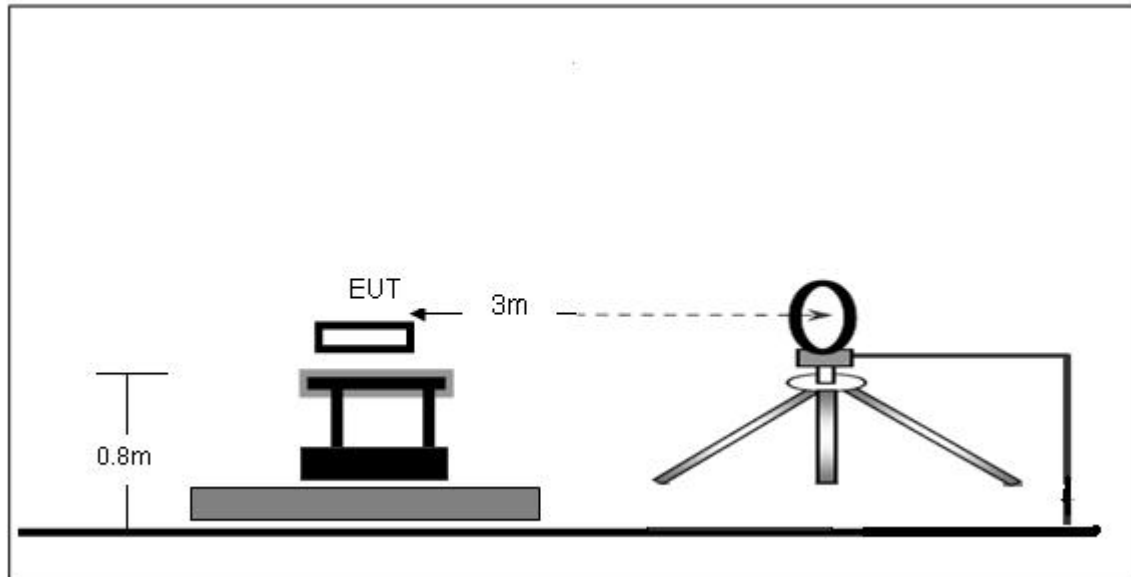
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

DEVIATION FROM TEST STANDARD

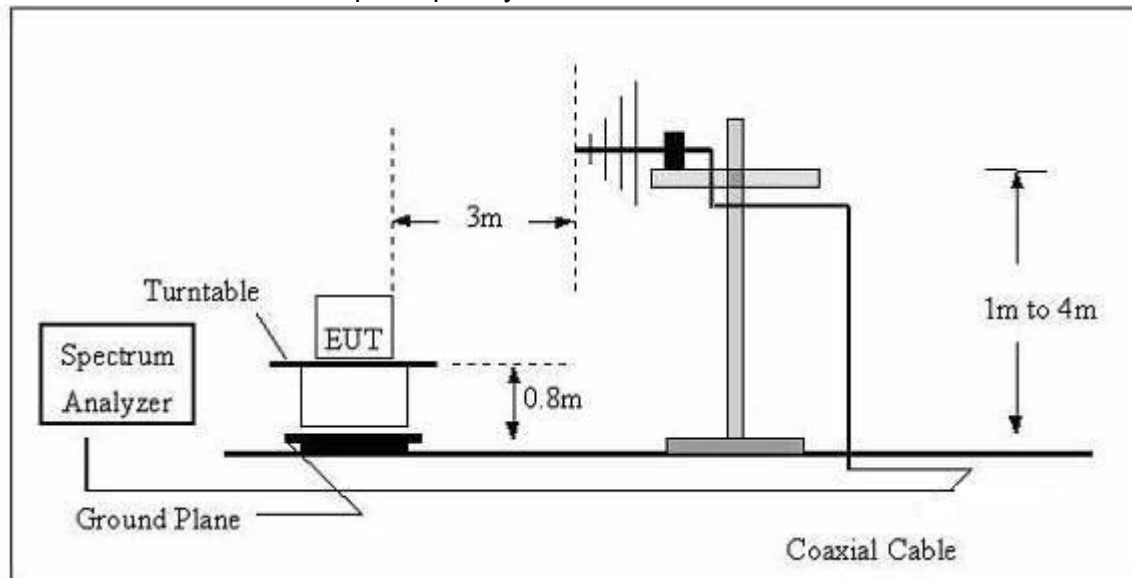
No deviation

TEST SETUP

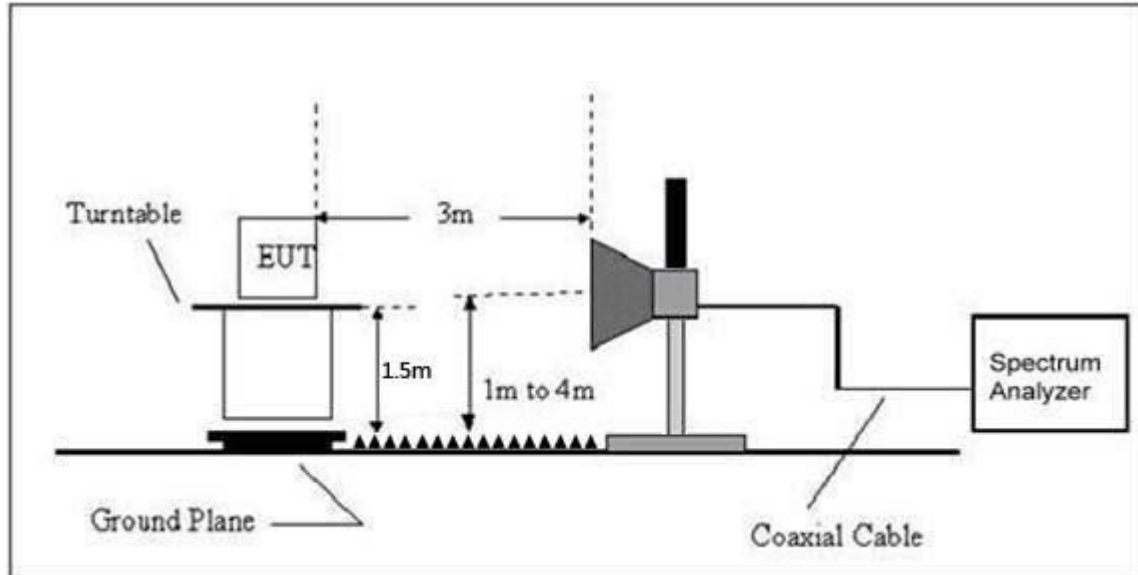
(A) Radiated Emission Test-Up Frequency Below 30MHz



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



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



EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

**TEST RESULTS**

Radiated Spurious Emission (Below 30MHz)

Temperature :	25 °C	Relative Humidity :	55%
Pressure :	1010 hPa	Polarization :	---
Test Voltage :	DC 3.7V		
Test Mode :	Mode 4		

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	PASS
--	--	--	--	PASS

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

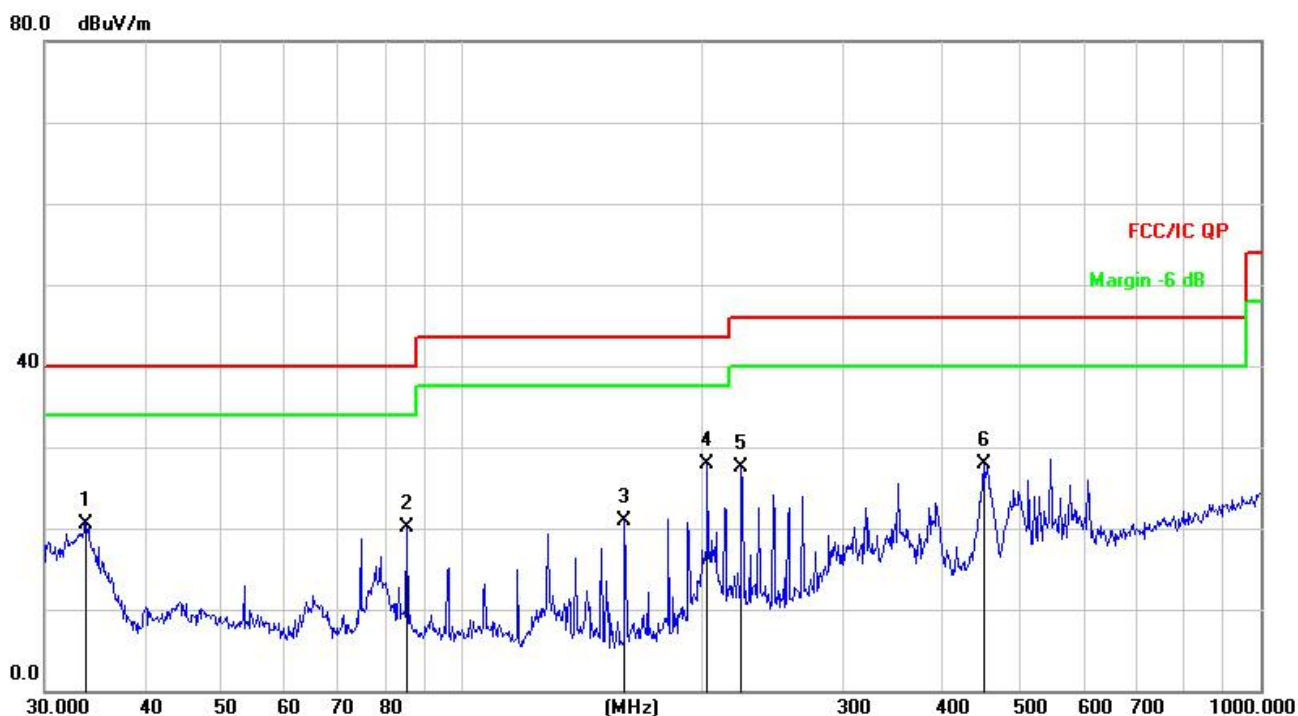
Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.



Radiated Spurious Emission (Between 30MHz – 1GHz)

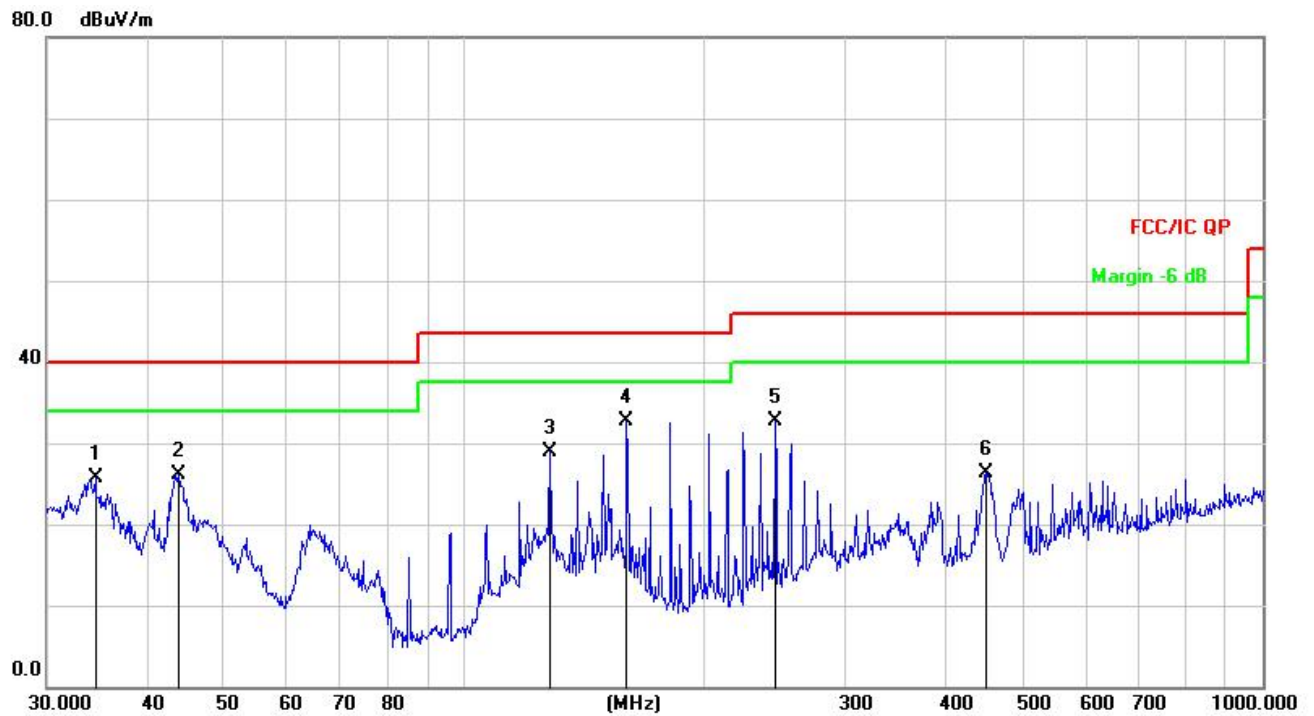
Temperature :	25 °C	Relative Humidity :	55%
Pressure :	1010 hPa	Polarization :	Horizontal
Test Voltage :	DC 3.7V		
Test Mode : (Worst)	Mode 4		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Antenna Height cm	Table Degree	Detector	Comment
1	33.7986	38.23	-17.75	20.48	40.00	-19.52			QP	
2	85.2980	39.63	-19.52	20.11	40.00	-19.89			QP	
3	159.7844	40.00	-19.02	20.98	43.50	-22.52			QP	
4 *	202.8104	43.55	-15.71	27.84	43.50	-15.66			QP	
5	223.7334	42.52	-15.07	27.45	46.00	-18.55			QP	
6	449.5558	36.28	-8.45	27.83	46.00	-18.17			QP	



Temperature :	25 °C	Relative Humidity :	55%
Pressure :	1010 hPa	Polarization :	Vertical
Test Voltage :	DC 3.7V		
Test Mode : (Worst)	Mode 4		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		34.5173	43.34	-17.58	25.76	40.00	-14.24	QP		
2		43.9658	40.99	-14.89	26.10	40.00	-13.90	QP		
3		128.1130	48.33	-19.39	28.94	43.50	-14.56	QP		
4	*	159.7844	51.73	-19.02	32.71	43.50	-10.79	QP		
5		245.0900	46.67	-13.93	32.74	46.00	-13.26	QP		
6		449.5558	34.85	-8.45	26.40	46.00	-19.60	QP		


Radiated Spurious Emission (1GHz to 10th harmonics)

	Freq.	Receiver Reading	Detector	Polar	Corrected Factor	Emission Level	Limit	Result
	(MHz)	(dBμV)	(PK/QP/Ave)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	
Lower Channel 2403.5MHz	2403.5	90.75	PK	H	13.85	104.57	114	Pass
	2403.5	72.46	Ave	H	13.85	86.32	94	Pass
	4807	49.52	PK	H	19.33	68.86	74	Pass
	4807	26.47	Ave	H	19.33	45.77	54	Pass
	12355	26.68	PK	H	17.81	44.43	74	Pass
	17850	19.43	PK	H	25.39	44.85	74	Pass
	2403.5	89.87	PK	V	13.85	103.70	114	Pass
	2403.5	71.92	Ave	V	13.85	85.81	94	Pass
	4807	48.86	PK	V	19.33	68.27	74	Pass
	4807	27.71	Ave	V	19.33	47.04	54	Pass
Middle Channel 2439.5 MHz	2439.5	89.78	PK	H	13.94	103.72	114	Pass
	2439.5	71.63	Ave	H	13.94	85.57	94	Pass
	4879	47.94	PK	H	19.43	67.37	74	Pass
	4879	29.75	Ave	H	19.43	49.18	54	Pass
	2439.5	90.52	PK	V	13.94	104.46	114	Pass
	2439.5	72.85	Ave	V	13.94	86.79	94	Pass
	4879	48.26	PK	V	19.43	67.69	74	Pass
	4879	28.54	Ave	V	19.43	47.97	54	Pass
Upper Channel 2475.5 MHz	2475.5	90.23	PK	H	14.02	104.25	114	Pass
	2475.5	71.87	Ave	H	14.02	85.89	94	Pass
	4951	45.43	PK	H	19.51	64.94	74	Pass
	4951	27.96	Ave	H	19.51	47.47	54	Pass
	2475.5	89.39	PK	V	14.02	103.41	114	Pass
	2475.5	72.83	Ave	V	14.02	86.85	94	Pass
	4951	44.72	PK	V	19.51	64.23	74	Pass
	4951	27.46	Ave	V	19.51	46.97	54	Pass



Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Emission Level = Meter Reading + Factor

Margin = Emission Level - Limit

Other harmonics emissions are lower than 20dB below the allowable limit.

**. BANDWIDTH TEST****APPLIED PROCEDURES / LIMIT**

FCC Part15 (15.249) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.249	Bandwidth	(20dB bandwidth)	2400-2483.5	PASS

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> Measurement Bandwidth or Channel Separation
RB	30KHz
VB	\geq RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 30KHz, VBW \geq RBW, Sweep time = Auto.

DEVIATION FROM STANDARD

No deviation.

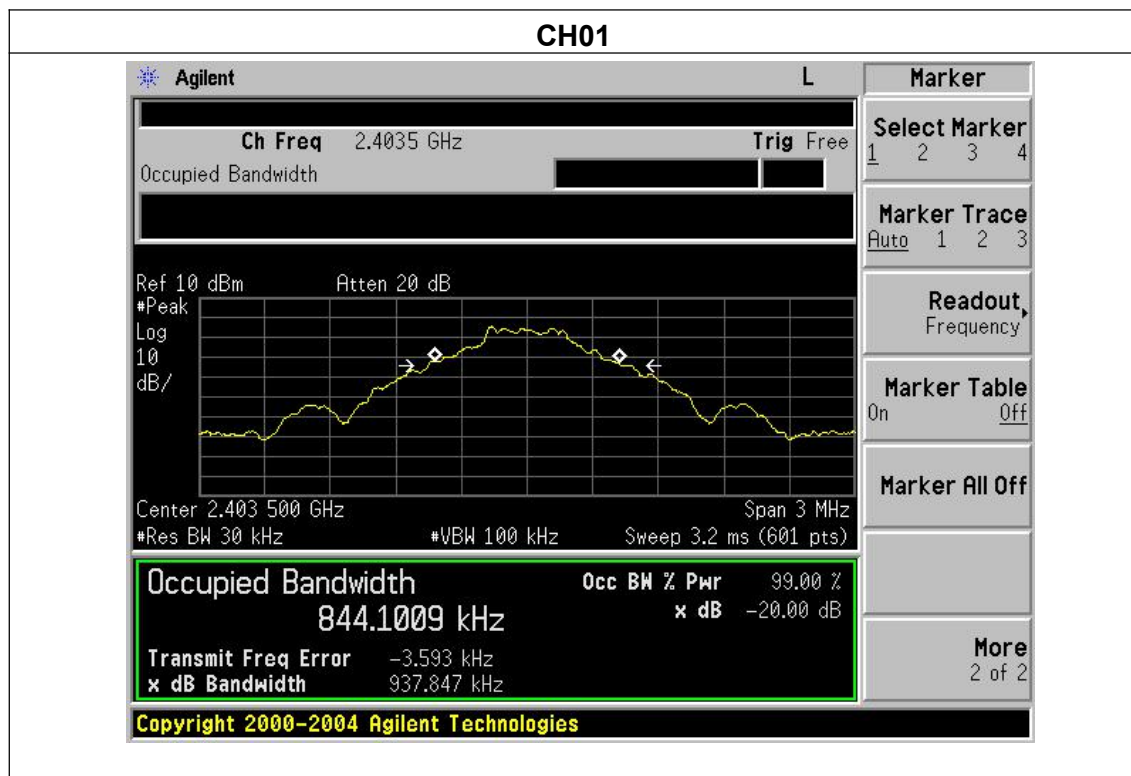
TEST SETUP**EUT OPERATION CONDITIONS**

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

**TEST RESULTS**

EUT :	3.2inch LCD Digital Wireless Baby Monitor	Model Name :	JLT-9025D
Temperature :	25 °C	Relative Humidity :	55%
Pressure :	1012 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH01 / CH25 /C49		

	Frequency	20dB Bandwidth (kHz)	Result
GFSK	2403.5 MHz	937.847	PASS
	2439.5 MHz	934.148	PASS
	2475.5 MHz	899.471	PASS

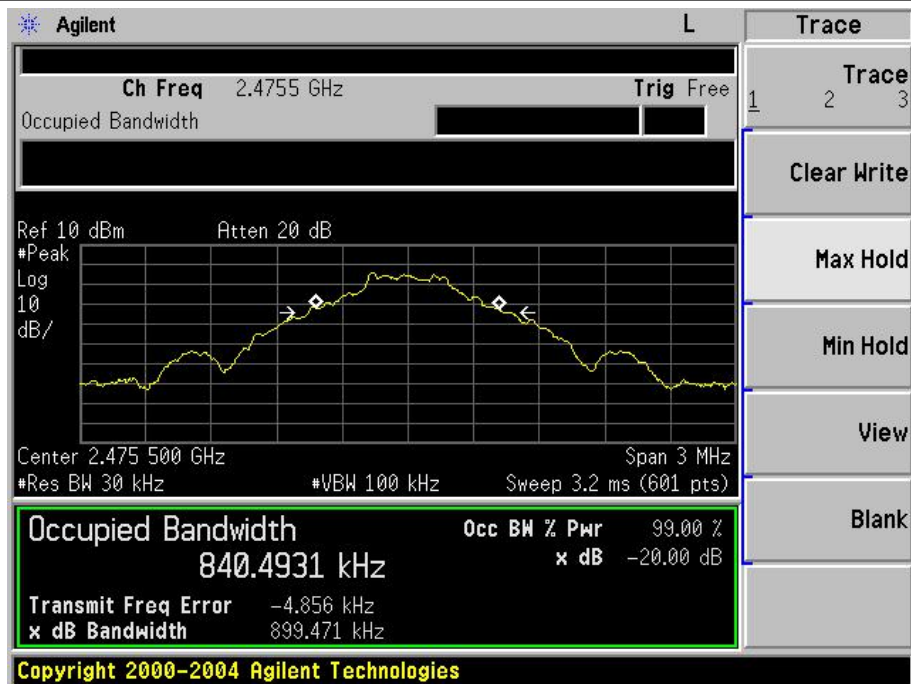




CH25



CH49





. 100 KHZ BANDWIDTH OF FREQUENCY BAND EDGE

APPLICABLE STANDARD

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

TEST PROCEDURE

- a) Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- b) Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
- c) Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
- d) Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
- e) Repeat above procedures until all measured frequencies were complete.

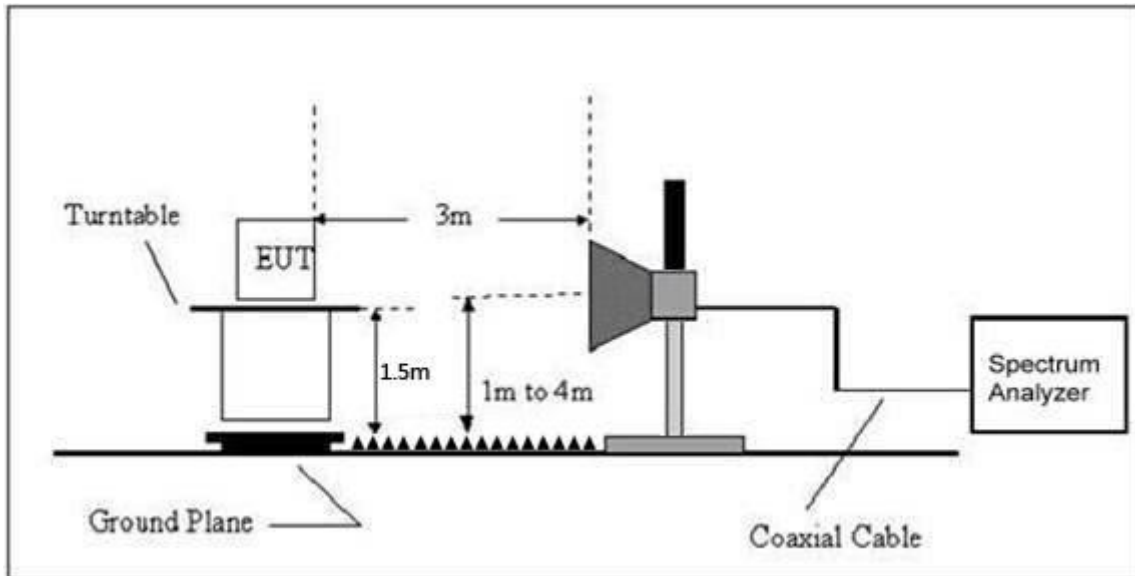
Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

DEVIATION FROM STANDARD

No deviation.

TEST SETUP



EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

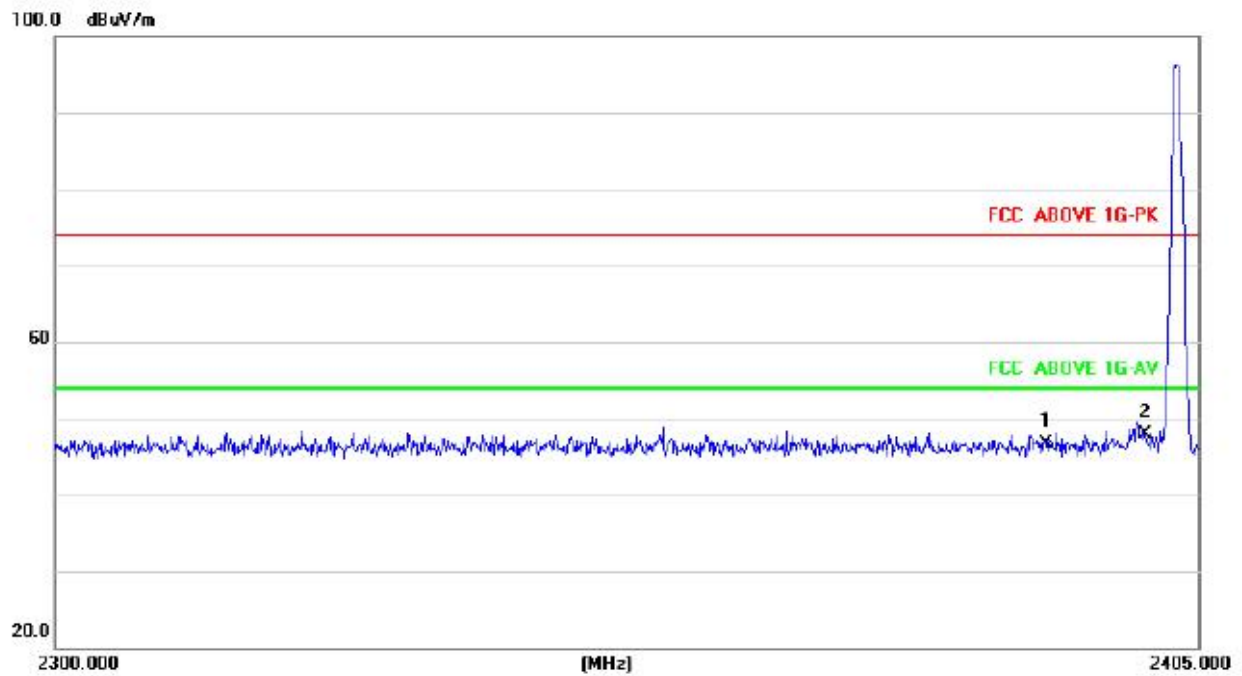
TEST RESULTS

Temperature :	25 °C	Relative Humidity :	54%
Pressure :	1012 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH01/ CH49		

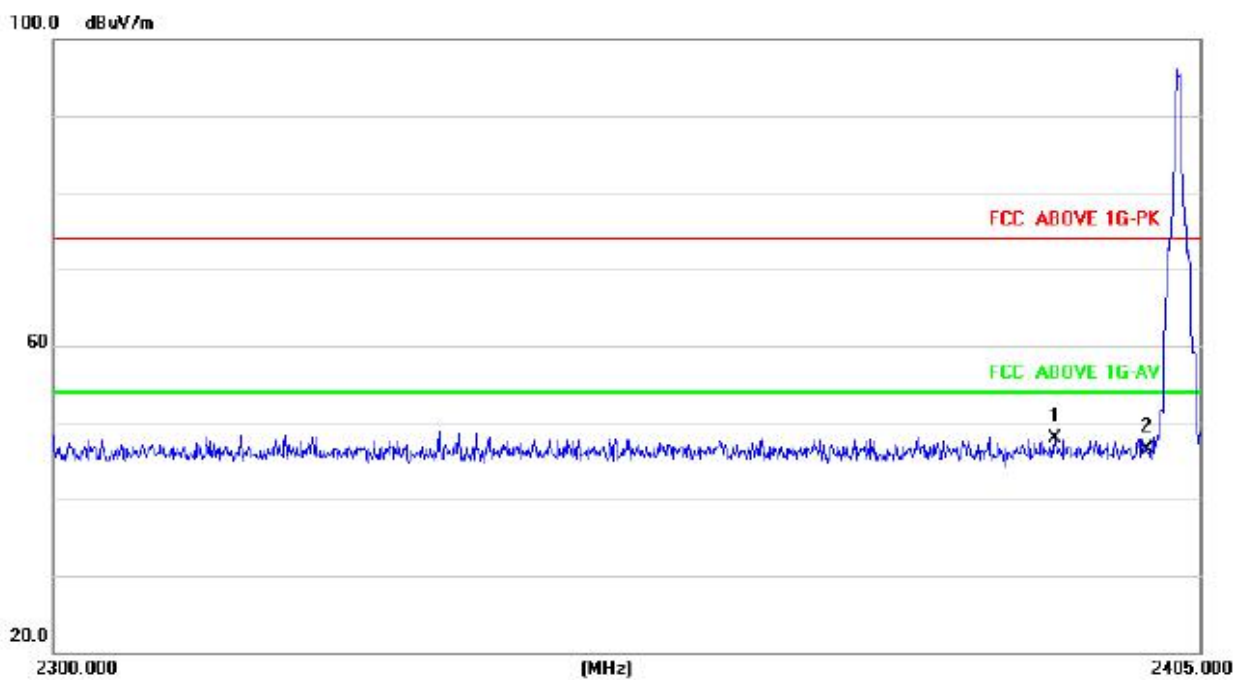
	Frequency (MHz)	Antenna polarization (H/V)	Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission (dBuV/m)	Band edge Limit (dBuV/m)		Result
						PK	PK	AV	
GFSK	<2400	H	2390.00	34.36	13.83	48.19	74.00	54.00	Pass
	<2400	V	2390.00	33.95	13.83	47.78	74.00	54.00	Pass
	<2400	H	2400.00	34.42	13.85	48.27	74.00	54.00	Pass
	<2400	V	2400.00	33.87	13.85	47.72	74.00	54.00	Pass
	>2483.5	H	2483.50	34.37	14.02	48.39	74.00	54.00	Pass
	>2483.5	V	2483.50	34.42	14.02	48.44	74.00	54.00	Pass
	>2483.5	H	2485.50	34.53	14.04	48.57	74.00	54.00	Pass
	>2483.5	V	2485.50	34.39	14.04	48.43	74.00	54.00	Pass



2403.5MHz Horizontal

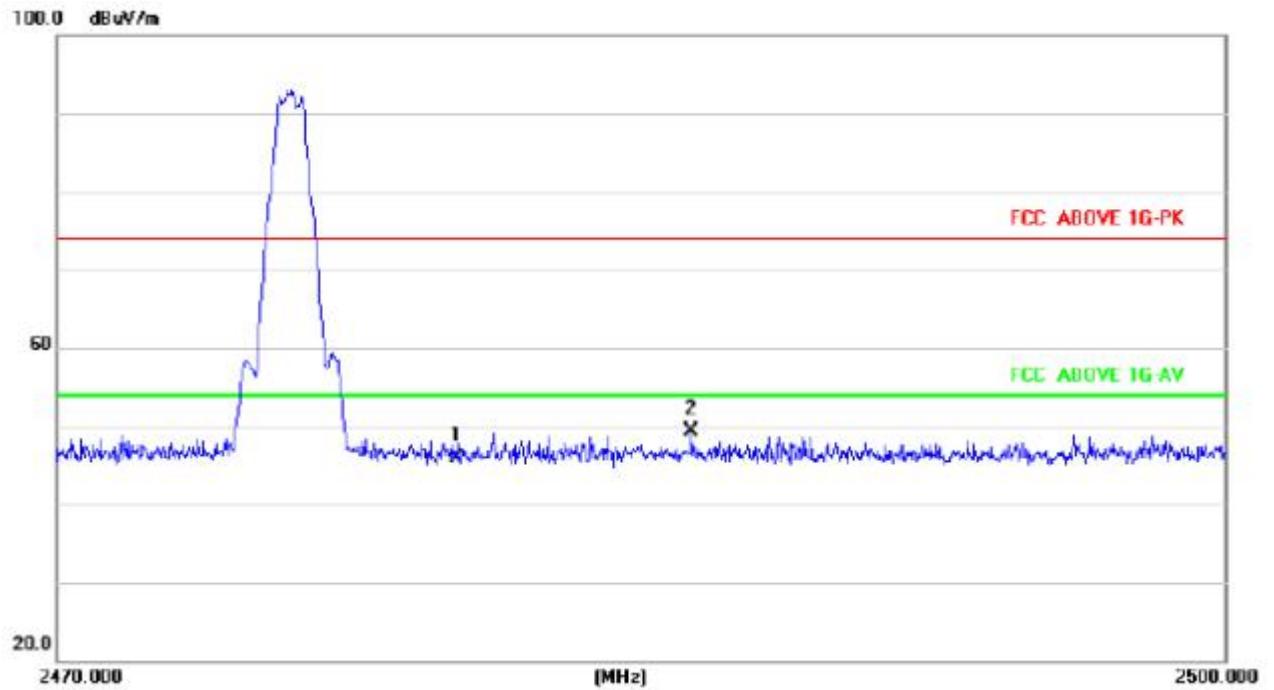


2403.5MHz Vertical

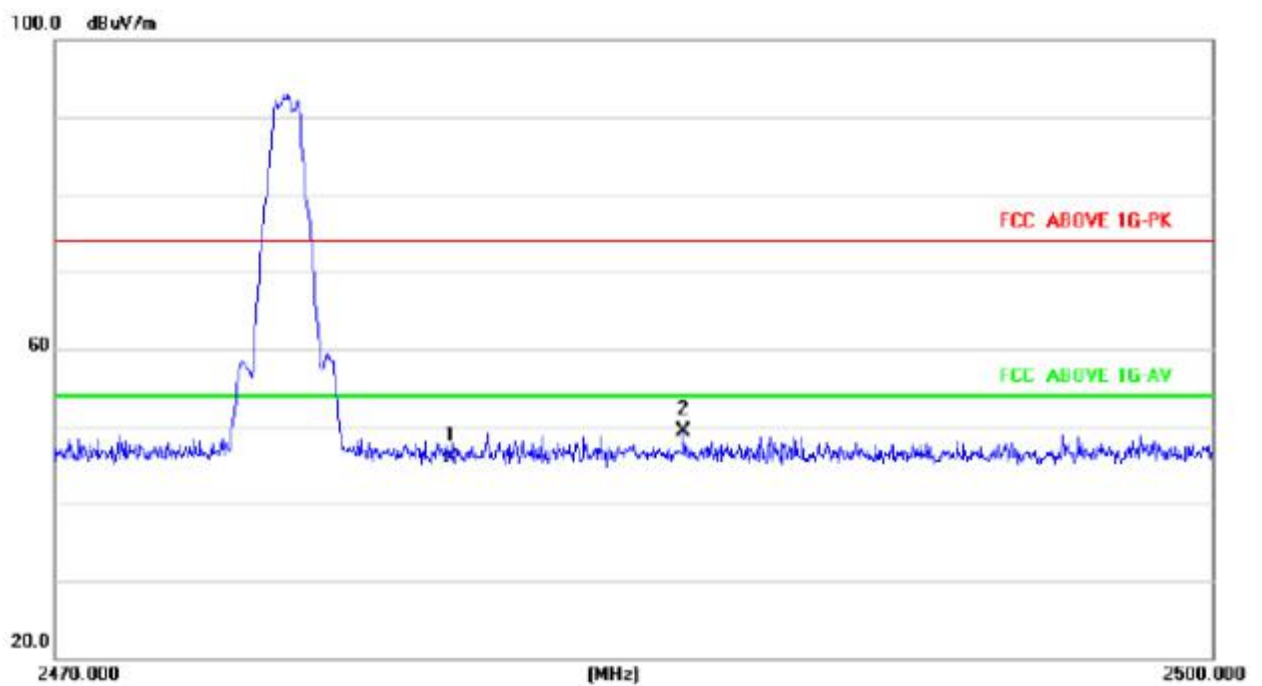




2475.5MHz Horizontal



2475.5MHz Vertical





. ANTENNA REQUIREMENT

STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

EUT ANTENNA

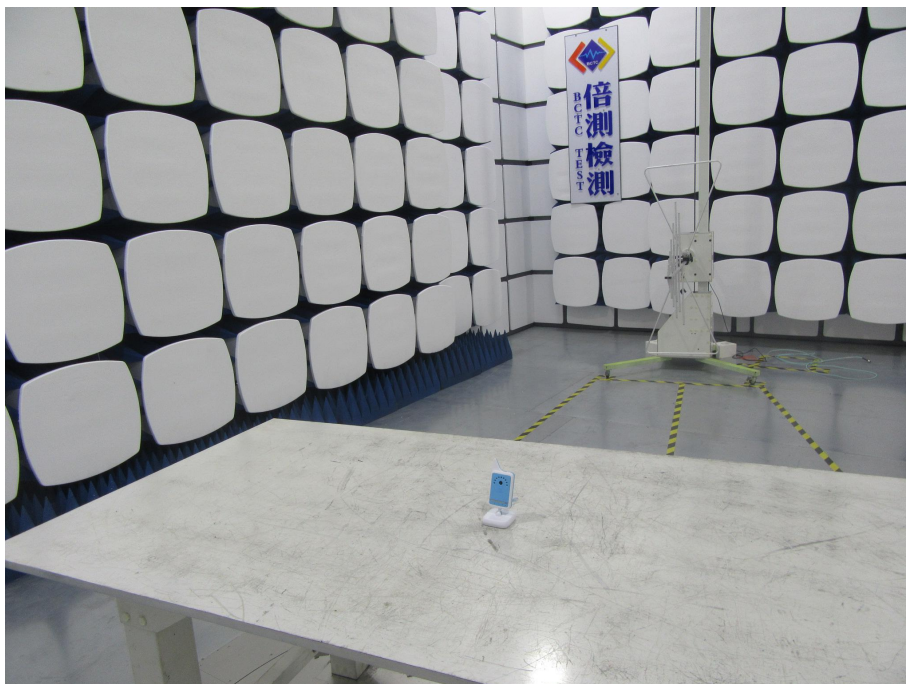
The EUT antenna is Internal antenna. It complies with the standard requirement.

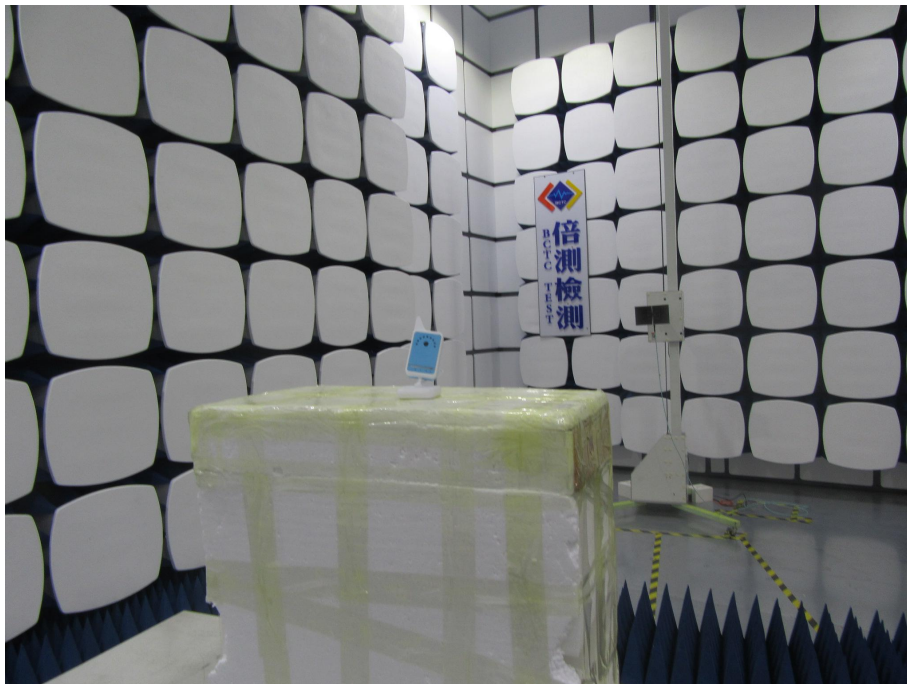
. EUT TEST PHOTO

Conducted Measurement Photos



Radiated Measurement Photos







. EUT PHOTO



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