FCC TEST REPORT(Bluetooth)

for

ALL BEST TECHNOLOGY LIMITED

Alarm clock bluetooth speaker with FM radio

Model Number: S1-BT

FCC ID: RH8S1-BT

Prepared for	:	ALL BEST TECHNOLOGY LIMITED
Address	:	No.9,Yincheng1st Road,Xiabian Village, Chang'an Town, Dongguan City,Guangdong Province, China
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Report No.	:	14KWE111992F
Date of Test	:	Nov. 7~ 10, 2014
Date of Report	:	Nov. 11, 2014

TABLE OF CONTENTS

Test Report Declaration Page

1. TEST SUMMARY 4
2. GENERAL PRODUCT INFORMATION 4
   2.1. Product Function 4
   2.2. Description of Device (EUT) 4
   2.3. Difference between Model Numbers 4
   2.4. Independent Operation Modes 4
   2.5. Test Supporting System 4
3. TEST SITES 5
   3.1. Test Facilities 5
   3.2. List of Test and Measurement Instruments 6
4. TEST SET-UP AND OPERATION MODES 7
   4.1. Principle of Configuration Selection 7
   4.2. Block Diagram of Test Set-up 7
   4.3. Test Operation Mode and Test Software 7
   4.4. Special Accessories and Auxiliary Equipment 7
   4.5. Countermeasures to Achieve EMC Compliance 7
5. EMISSION TEST RESULTS 8
   5.1. Radiated Emission Test 11
6. 20DB OCCUPY BANDWIDTH 17
   6.1. Limits 17
   6.2. Test setup 17
7. BAND EDGE COMPLIANCE TEST 19
   7.1. Limits 19
   7.2. Test setup 19
8. ANTENNA REQUIREMENTS 20
   8.1. Limits 20
   8.2. Result 20
9. PHOTOGRAPHS OF TEST SET-UP 21
10. PHOTOGRAPHS OF THE EUT 23

Keyway Testing Technology Co., Ltd.

Applicant: **Address:**	ALL BEST TECHNOLOGY LIMITED No.9,Yincheng1st Road,Xiabian Village, Chang'an Town, Dongguan City,Guangdong Province, China		
Manufacturer: **Address:**	ALL BEST TECHNOLOGY LIMITED No.9,Yincheng1st Road,Xiabian Village, Chang'an Town, Dongguan City,Guangdong Province, China		
E.U.T:	Alarm clock bluetooth speaker with FM radio		
Model Number:	S1-BT		
Trade Name:	------	**Serial No.:**	------
Date of Receipt:	Nov. 6, 2014	**Date of Test:**	Nov. 7~ 10, 2014
Test Specification:	FCC Part 15, Subpart C Section 15.249: Oct. 1, 2014 ANSI C63.4:2009		
Test Result:	The equipment under test was found to be compliance with the requirements of the standards applied. **Issue Date: Nov. 11, 2014**		

Tested by:	Reviewed by:	Approved by:
Jack Bu / Engineer	Andy Gao / Supervisor	Jade Yang / Supervisor

Other Aspects:

None.

Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested

1. TEST SUMMARY

Test Items	Test Requirement	Result
Conducted Emissions	15.207	PASS
Radiated Emissions	15.209 15.249(a)(d)	PASS
20dB Bandwidth	15.249	PASS
Emissions from out of band	15.249(d)	PASS
Antenna Requirement	15.203	PASS

2.GENERAL PRODUCT INFORMATION

2.1. Product Function

Refer to Technical Construction Form and User Manual.

2.2. Description of Device (EUT)

Product Name:	Alarm clock bluetooth speaker with FM radio
Model No.:	S1-BT
Operation Frequency:	2402~2480MHz
Channel numbers:	79 Channels
Channel separation:	1M
Modulation technology:	GFSK, Pi/4DQPSK, 8-DPSK
Antenna Type:	Integral Antenna
Antenna gain:	0dBi (declare by Applicant)
Power supply:	DC 5V from adapter

2.3. Difference between Model Numbers

None.

2.4. Independent Operation Modes

The basic operation modes are:

2.4.1. EUT work continues TX mode and frequency as below:

Modulation	Channel	Frequency
GFSK	Low	2402MHz
	Middle	2441MHz
	High	2480MHz

Note: Bluetooth signal has 3 packages DH1, DH3, DH5, DH5 package is largest; we are testing DH5 in the report.

2.5. Test Supporting System

Adapter:	Provide: Eiessentials M/N:CW0501500 Input :AC 100~240V 50-60Hz; Output: DC 5V 1.5A

3. TEST SITES

3.1. Test Facilities

Lab Qualifications : 944 Shielded Room built by ETS-Lindgren, USA
Date of completion: March 28, 2011

966 Chamber built by ETS-Lindgren, USA
Date of completion: March 28, 2011

Certificated by TUV Rheinland, Germany.
Registration No.: UA 50207153
Date of registration: July 13, 2011

Certificated by UL, USA
Registration No.: 100567-237
Date of registration: September 1, 2011

Certificated by Intertek
Registration No.: 2011-RTL-L1-31
Date of registration: October 11, 2011

Certificated by Industry Canada
Registration No.: 9868A
Date of registration: December 8, 2011

Certificated by FCC, USA
Registration No.: 370994
Date of registration: February 21, 2012

Certificated by CNAS China
Registration No.: CNAS L5783
Date of registration: August 8, 2012

Name of Firm : Keyway Testing Technology Co., Ltd.

Site Location : Baishun Industrial Zone, Zhangmutou Town,
Dongguan, Guangdong, China

3.2. List of Test and Measurement Instruments

3.2.1. For conducted emission at the mains terminals test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESCI	101156	Apr. 27,14	Apr. 27,15
Artificial Mains Network	Rohde&Schwarz	ENV216	101315	Apr. 27,14	Apr. 27,15
Artificial Mains Network (AUX)	Rohde&Schwarz	ENV216	101314	Apr. 27,14	Apr. 27,15
RF Cable	FUJIKURA	3D-2W	944 Cable	Apr. 27,14	Apr. 27,15

3.2.2. For radiated emission test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESCI	101156	Apr. 27,14	Apr. 27,15
System Simulator	Agilent	E5515C	GB43130245	Apr. 30,14	Apr. 30,15
Power Splitter	Weinschel	1506A	NW425	Apr. 30,14	Apr. 30,15
Bilog Antenna	ETS-LINDGREEN	3142D	135452	Apr. 27,14	Apr. 27,15
Spectrum Analyzer	Agilent	E4411B	MY4511304	Apr. 27,14	Apr. 27,15
3m Semi-anechoic Chamber	ETS-LINDGREEN	966	KW01	Apr. 27,14	Apr. 27,15
Signal Amplifier	SONOMA	310	187016	Apr. 27,14	Apr. 27,15
Signal Amplifier	Agilent	8449B	3008A00251	Apr. 27,14	Apr. 27,15
RF Cable	IMRO	IMRO-400	966 Cable 1#	N/A	N/A
MULTI-DEVICE Controller	ETS-LINDGREEN	2090	126913	N/A	N/A
Horn Antenna	DAZE	ZN30701	11003	Apr. 27,14	Apr. 27,15
Horn Antenna	SCHWARZBECK	BBHA9170	9170-068	Apr. 27,14	Apr. 27,15
Spectrum Analyzer	Agilent	8593E	3911A04271	Apr. 27,14	Apr. 27,15
Spectrum Analyzer	Agilent	E4408B	MY44211125	Apr. 30,14	Apr. 30,15
Signal Amplifier	DAZE	ZN3380C	11001	Apr. 27,14	Apr. 27,15
High Pass filter	Micro	HPM50111	324216	Apr. 30,14	Apr. 30,15
Filter	COM-MW	ZBSF-C836.5-25-X	KW032	Apr. 30,14	Apr. 30,15
Filter	COM-MW	ZBSF-C1747.5-75-X2	KW035	Apr. 30,14	Apr. 30,15
Filter	COM-MW	ZBSF-C1880-60-X2	KW037	Apr. 30,14	Apr. 30,15
DC Power Supply	LongWei	PS-305D	010964729	Apr. 27,14	Apr. 27,15
Constant temperature and humidity box	GF	GTH-800-40-1P	MAA9906-005	Apr. 27,14	Apr. 27,15
Universal radio communication tester	Rohde&Schwarz	CMU200	3215420	Apr. 27,14	Apr. 27,15
Splitter	Agilent	11636B	0025164	Apr. 27,14	Apr. 27,15

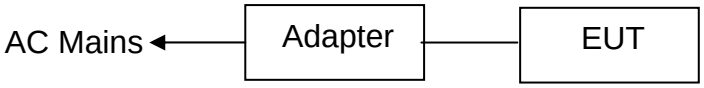
4. TEST SET-UP AND OPERATION MODES

4.1. Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the Operating Instructions.

4.2. Block Diagram of Test Set-up

System Diagram of Connections between EUT and Simulators



*(*EUT*: Alarm clock bluetooth speaker with FM radio)*

4.3. Test Operation Mode and Test Software

None.

4.4. Special Accessories and Auxiliary Equipment

None.

4.5. Countermeasures to Achieve EMC Compliance

None.

4.6. Test Environment:

Ambient conditions in the test laboratory:

Items	Actual
Temperature (℃)	21~23
Humidity (%RH)	50~65

5. EMISSION TEST RESULTS

5.1. Conducted Emission at the Mains Terminals Test

5.1.1. 15.207 limits

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

5.1.2. Test Setup

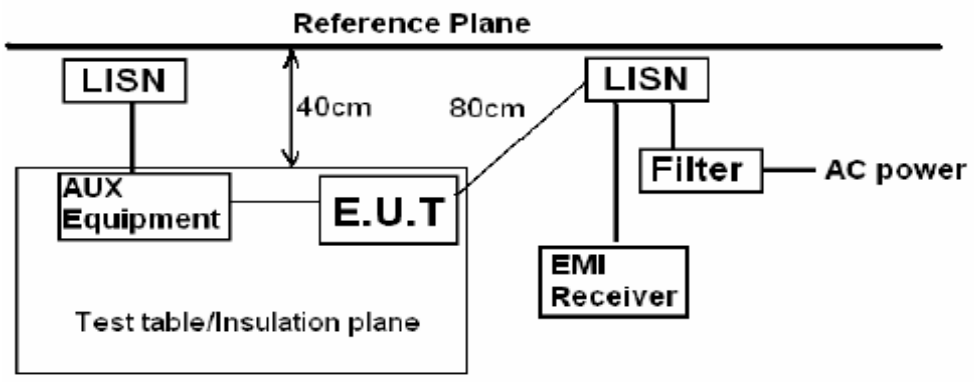
The EUT was put on a wooden table which was 0.8 m high above the ground and connected to the AC mains through the Artificial Mains Network (AMN). Where the mains cable supplied by the manufacture was longer than 0.8 m, the excess was folded back and forth parallel to the cable at the centre so as to form a bundle no longer than 0.4 m.

The EUT was kept 0.4 m from any other earthed conducting surface. Both sides of AC line were checked to find out the maximum conducted emission levels according to the test procedure during the conducted emission test.

The frequency range from 150 kHz to 30 MHz was investigated.

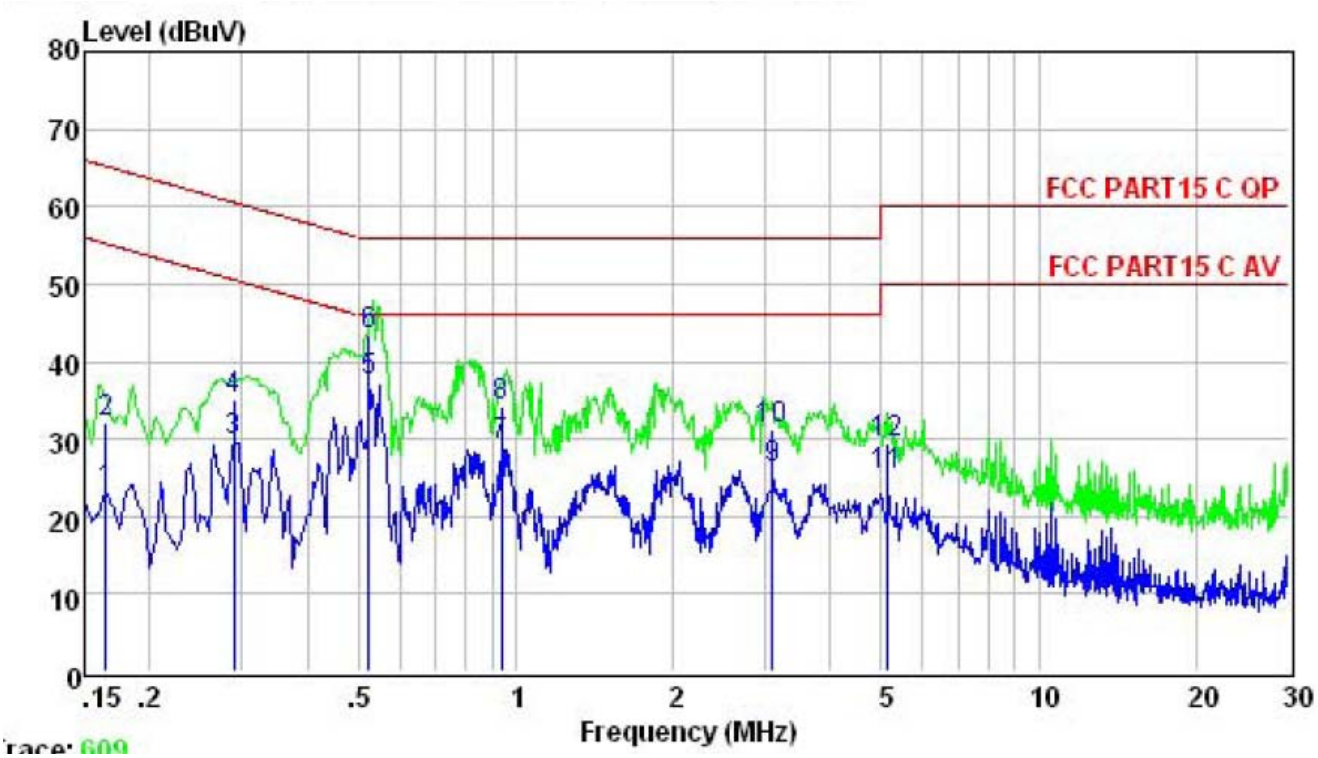
The bandwidth of the test receiver was set at 9 kHz.

Pretest for all mode, The test data of the worst case condition(s) was reported on the following page.



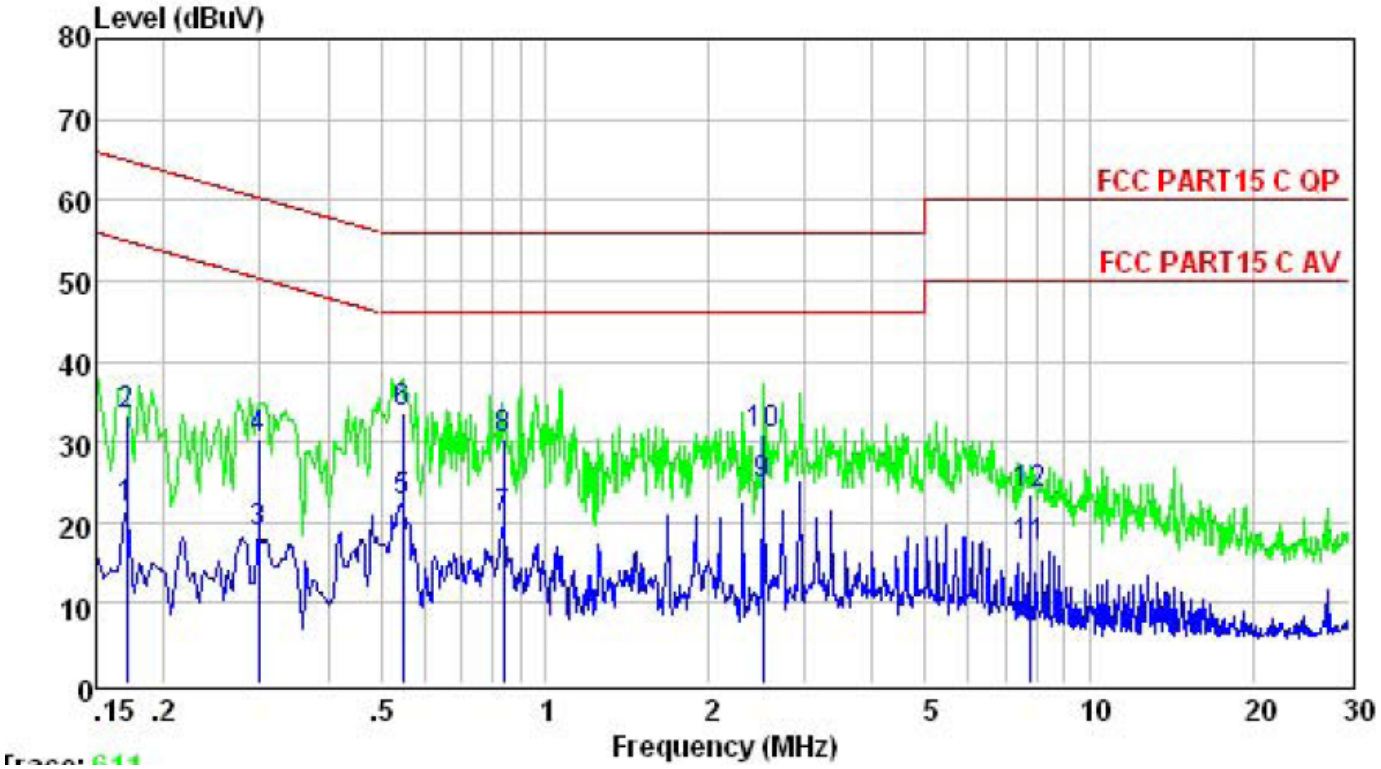
Remark:
E.U.T: Equipment Under Test
LISN: Line Impedence Stabilization Network
Test table height=0.8m

Line:



	Freq	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	
1	0.165	23.31	55.21	-31.90	Average
2	0.165	32.23	65.21	-32.98	QP
3	0.289	29.84	50.54	-20.70	Average
4	0.289	35.24	60.54	-25.30	QP
5	0.524	37.46	46.00	-8.54	Average
6	0.524	43.35	56.00	-12.65	QP
7	0.938	29.23	46.00	-16.77	Average
8	0.938	34.29	56.00	-21.71	QP
9	3.090	26.08	46.00	-19.92	Average
10	3.090	31.21	56.00	-24.79	QP
11	5.139	25.30	50.00	-24.70	Average
12	5.139	29.54	60.00	-30.46	QP

Neutral



	Freq	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	
1	0.170	21.85	54.94	-33.09	Average
2	0.170	33.21	64.94	-31.73	QP
3	0.299	18.70	50.28	-31.58	Average
4	0.299	30.24	60.28	-30.04	QP
5	0.549	22.47	46.00	-23.53	Average
6	0.549	33.68	56.00	-22.32	QP
7	0.839	20.57	46.00	-25.43	Average
8	0.839	30.28	56.00	-25.72	QP
9	2.513	24.64	46.00	-21.36	Average
10	2.513	31.00	56.00	-25.00	QP
11	7.769	16.87	50.00	-33.13	Average
12	7.769	23.54	60.00	-36.46	QP

5.2. Radiated Emission Test

5.2.1. Limit 15.209 limits

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

5.2.2. Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

5.2.3. Test setup

The EUT was placed on a turn table which was 0.8 m above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 m away from the receiving antenna which was mounted on an antenna tower. The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 m to 4 m for both horizontal and vertical polarizations.

The EUT was tested in the Chamber Site. It was pre-scanned with a Peak detector from the spectrum, and all the final readings from the test receiver were measured with the Quasi-Peak detector below 1GHz.

The bandwidth of the EMI test receiver is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz. The detector is peak for all tests.

The frequency range from 30MHz to 10th harmonic (25GHz) are checked. and no any emissions were found from 18GHz to 25 GHz, So the radiated emissions from 18GHz to 25GHz were not record.

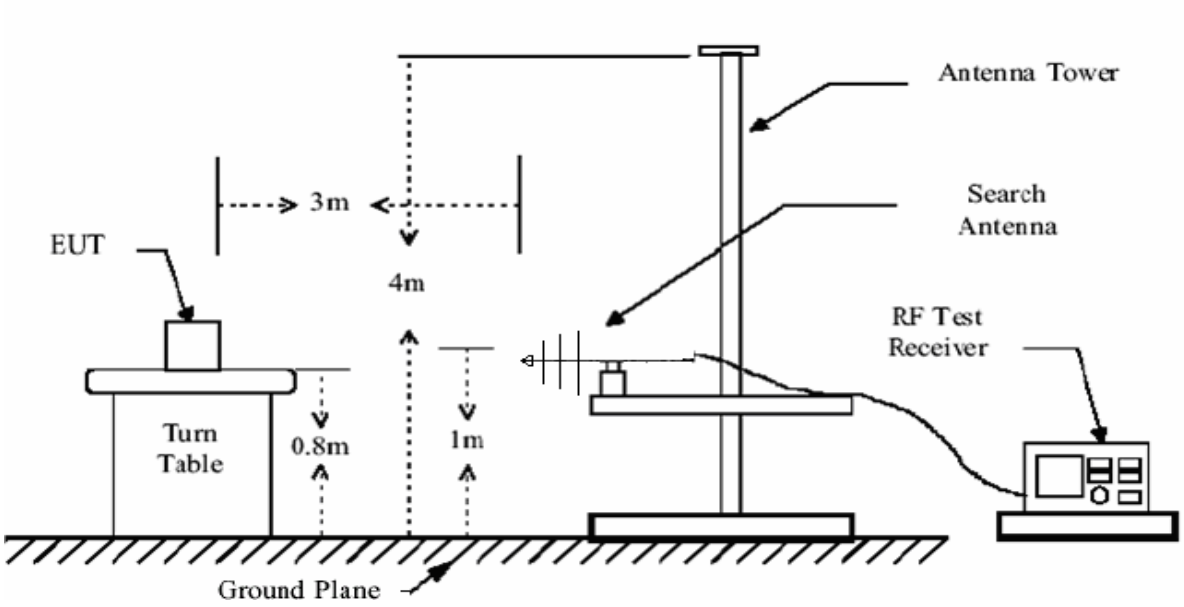
Notes: 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading-Preamp Factor.

2. Measurement Uncertainty: ±3.2 dB at a level of confidence of 95%.

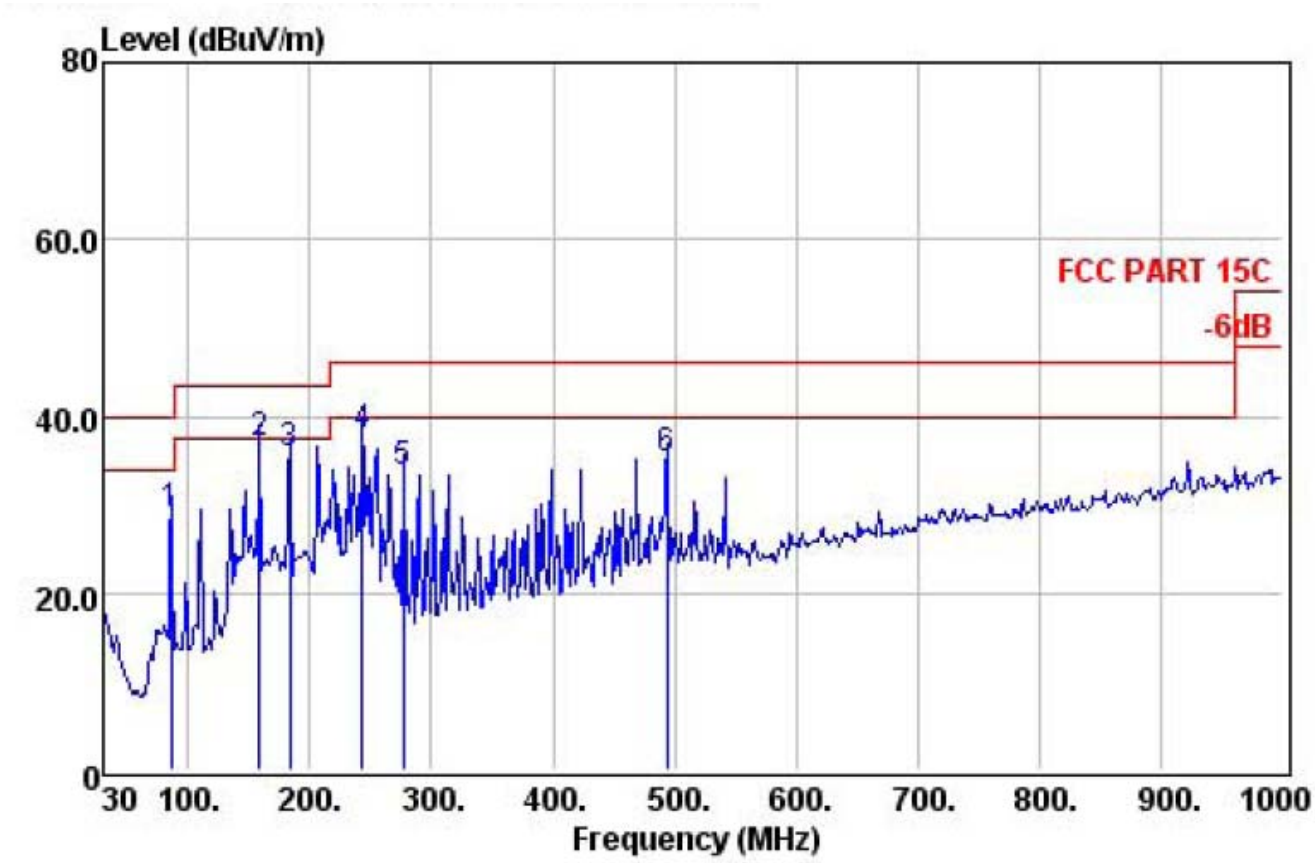
3. For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.

4. For emissions below 1GHz, pretest for all mode, The test data of the worst case condition(s) was reported on the following pages.

5. we pretest GFSK, Pi/4DQPSK, 8-DPSK, the worst mode was GFSK, the data show in the test report.

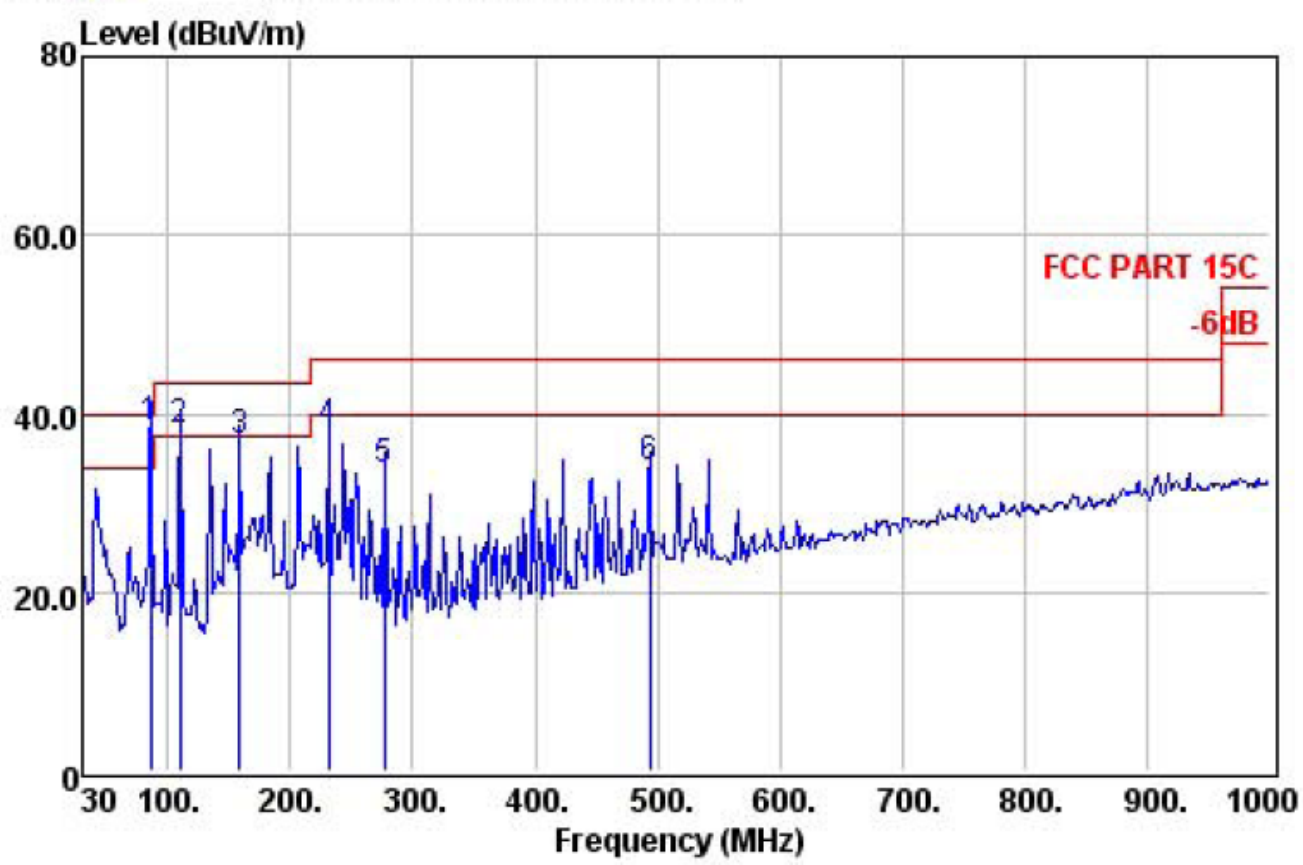


Below 1GHz
BT Mode Horizontal polarizations



	Freq	Preamp Factor	Read Level	Cable Loss	Antenna Factor	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	86.26	31.35	50.65	0.94	8.69	28.93	40.00	-11.07	QP
2	158.04	31.23	57.71	1.30	9.16	36.94	43.50	-6.56	QP
3	183.26	31.15	55.07	1.39	10.30	35.61	43.50	-7.89	QP
4	243.40	30.95	54.47	1.61	12.72	37.85	46.00	-8.15	QP
5	277.35	30.94	49.64	1.78	13.08	33.56	46.00	-12.44	QP
6	493.66	30.59	44.21	2.77	18.60	34.99	46.00	-11.01	QP

BT Mode Vertical polarizations



	Freq	Preamp Factor	Read Level	Cable Loss	Antenna Factor	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1 !	86.26	31.35	60.13	0.94	8.69	38.41	40.00	-1.59	QP
2 !	109.54	31.31	58.96	1.03	9.31	37.99	43.50	-5.51	QP
3	158.04	31.23	57.57	1.30	9.16	36.80	43.50	-6.70	QP
4	231.76	30.93	54.90	1.61	12.39	37.97	46.00	-8.03	QP
5	277.35	30.94	49.71	1.78	13.08	33.63	46.00	-12.37	QP
6	493.66	30.59	43.00	2.77	18.60	33.78	46.00	-12.22	QP

Above 1GHz

GFSK 2402MHz Horizontal

	Freq	Preamp Factor	Read Level	Cable Loss	Antenna Factor	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	2402.00	26.32	78.53	7.34	28.72	88.27	94.00	-5.73	Average
2	2402.00	26.32	93.66	7.34	28.72	103.40	114.00	-10.60	Peak
3	4804.00	27.49	31.21	11.96	32.94	48.62	74.00	-25.38	Peak
4	6950.00	27.89	17.97	16.60	37.07	43.75	74.00	-30.25	Peak
5	8820.00	28.34	15.63	16.84	37.18	41.31	74.00	-32.69	Peak
6	14719.00	29.51	14.30	19.83	39.69	44.31	74.00	-29.69	Peak

GFSK 2402MHz Vertical

	Freq	Preamp Factor	Read Level	Cable Loss	Antenna Factor	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	2402.00	26.32	79.13	7.34	28.72	88.87	94.00	-5.13	Average
2	2402.00	26.32	88.94	7.34	28.72	98.68	114.00	-15.32	Peak
3	4804.00	27.49	30.53	11.96	32.94	47.94	74.00	-26.06	Peak
4	6491.00	27.80	17.09	16.60	35.88	41.77	74.00	-32.23	Peak
5	8344.00	28.20	16.88	16.73	36.68	42.09	74.00	-31.91	Peak
6	12951.00	29.19	15.15	18.17	40.58	44.71	74.00	-29.29	Peak

GFSK 2441MHz Horizontal

	Freq	Preamp Factor	Read Level	Cable Loss	Antenna Factor	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	2441.00	26.33	78.82	7.48	28.76	88.73	94.00	-5.27	Average
2	2441.00	26.33	88.37	7.48	28.76	98.28	114.00	-15.72	Peak
3	4880.00	27.53	30.95	12.14	33.11	48.67	74.00	-25.33	Peak
4	9279.00	28.51	16.96	16.90	37.73	43.08	74.00	-30.92	Peak
5	12169.00	29.03	16.58	17.52	39.43	44.50	74.00	-29.50	Peak
6	14855.00	29.53	16.76	19.91	39.13	46.27	74.00	-27.73	Peak

GFSK 2441MHz Vertical

	Freq	Preamp Factor	Read Level	Cable Loss	Antenna Factor	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	2441.00	26.33	78.68	7.48	28.76	88.59	94.00	-5.41	Average
2	2441.00	26.33	89.00	7.48	28.76	98.91	114.00	-15.09	Peak
3	4880.00	27.53	30.34	12.14	33.11	48.06	74.00	-25.94	Peak
4	7341.00	27.97	16.69	16.62	37.34	42.68	74.00	-31.32	Peak
5	10146.00	28.82	18.45	16.99	38.64	45.26	74.00	-28.74	Peak
6	12237.00	29.05	19.77	17.56	39.45	47.73	74.00	-26.27	Peak

GFSK 2480MHz Horizontal

	Freq	Preamp Factor	Read Level	Cable Loss	Antenna Factor	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	2480.00	26.34	79.19	7.57	28.79	89.21	94.00	-4.79	Average
2	2480.00	26.34	88.64	7.57	28.79	98.66	114.00	-15.34	Peak
3	4960.00	27.58	30.85	12.36	33.32	48.95	74.00	-25.05	Peak
4	7358.00	27.97	15.76	16.62	37.34	41.75	74.00	-32.25	Peak
5	10911.00	28.89	14.63	17.15	39.45	42.34	74.00	-31.66	Peak
6	14226.00	29.43	11.84	19.51	42.20	44.12	74.00	-29.88	Peak

GFSK 2480MHz Vertical

	Freq	Preamp Factor	Read Level	Cable Loss	Antenna Factor	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB	
1	2480.00	26.34	79.52	7.57	28.79	89.54	94.00	-4.46	Average
2	2480.00	26.34	88.64	7.57	28.79	98.66	114.00	-15.34	Peak
3	4960.00	27.58	30.46	12.36	33.32	48.56	74.00	-25.44	Peak
4	7460.00	27.99	17.72	16.62	37.39	43.74	74.00	-30.26	Peak
5	11132.00	28.91	15.55	17.19	39.61	43.44	74.00	-30.56	Peak
6	13818.00	29.36	10.96	19.14	43.32	44.06	74.00	-29.94	Peak

6. 20DB OCCUPY BANDWIDTH

6.1. Limits

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E 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.

6.2. Test setup

1. Set the RBW =30kHz.
2. Set the VBW = 100kHz
3. Span=3MHz
4. Detector = peak.
5. Sweep time = auto couple.
6. Allow trace to fully stabilize, and view the plot.
7. Measure and record the result in the test report.

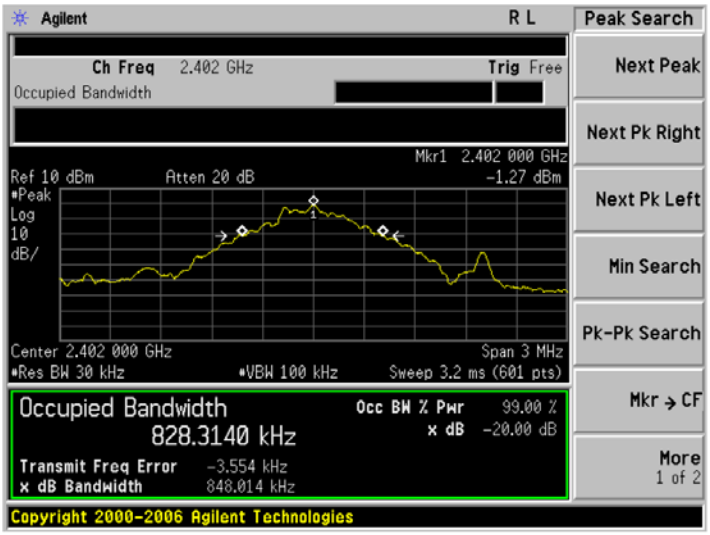
Test data:

	Channel Frequency (MHz)	**20dB Bandwidth (MHz)**	**Result**
GFSK	2402	0.85	Pass
	2441	0.85	Pass
	2480	0.83	Pass

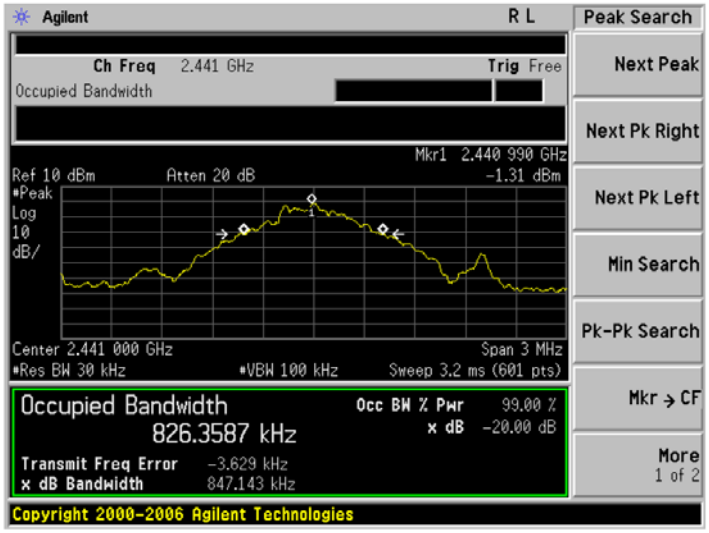
Test plot as follows:

GFSK

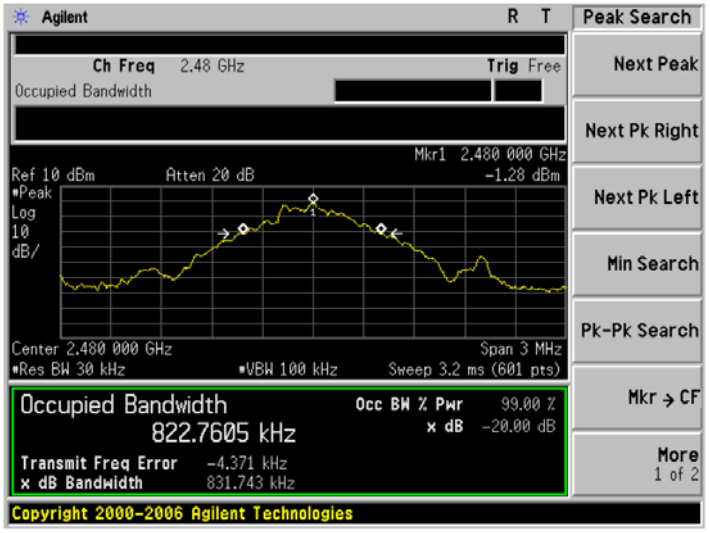
2402MHz



2441 MHz



2480 MHz



7. BAND EDGE COMPLIANCE TEST

7.1. Limits

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

7.2. Test setup

The EUT was placed on a turn table which was 0.8 m above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 m away from the receiving antenna which was mounted on an antenna tower. The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 m to 4 m for both horizontal and vertical polarizations.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure. The detector is peak for all tests.
Test plot as follows:

	Frequency (MHz)	Antenna polarization (H/V)	Emission (dBuV/m)	Band edge Limit (dBuV/m)		Result
			PK	PK	AV	Pass
Hopping	<2400	H	50.17	74.00	54.00	Pass
	<2400	V	49.48	74.00	54.00	Pass
	>2483.5	H	49.87	74.00	54.00	Pass
	>2483.5	V	49.51	74.00	54.00	Pass
Unhopping	<2400	H	49.50	74.00	54.00	Pass
	<2400	V	49.15	74.00	54.00	Pass
	>2483.5	H	50.26	74.00	54.00	Pass
	>2483.5	V	49.41	74.00	54.00	Pass

If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.

8. ANTENNA REQUIREMENTS

8.1. Limits

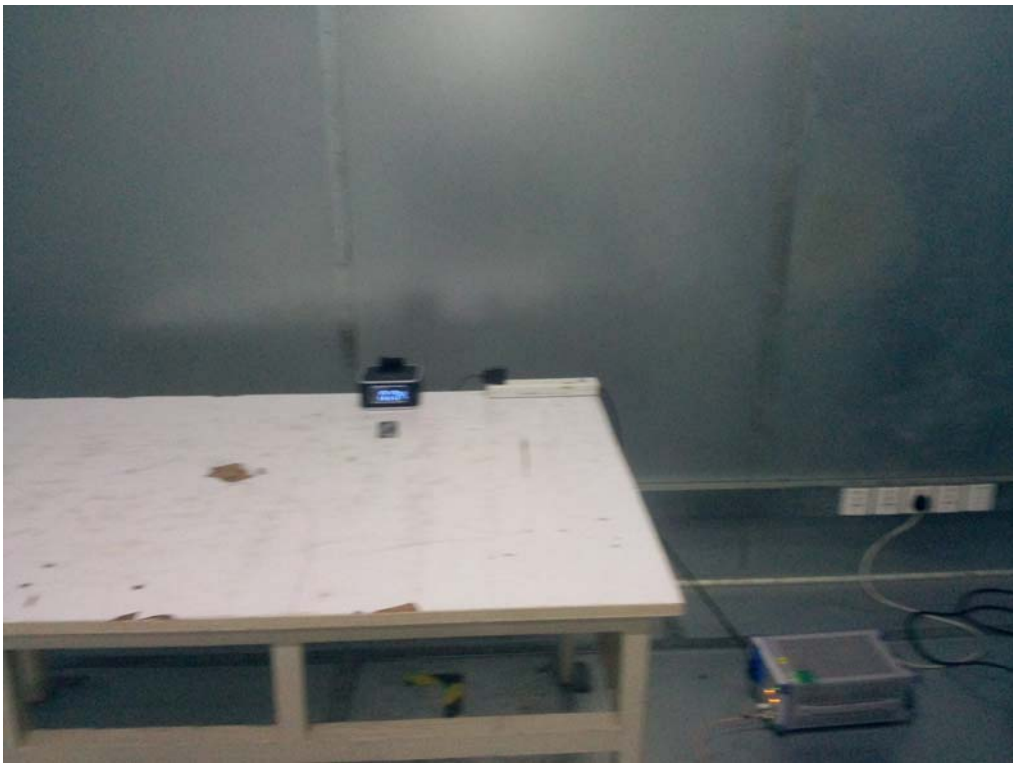
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

8.2. Result

The antennas used for this product are integral antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 0dBi.

9. PHOTOGRAPHS OF TEST SET-UP

Conducted Emission



Radiated Emission

10. PHOTOGRAPHS OF THE EUT

------end------