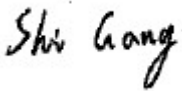
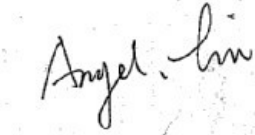
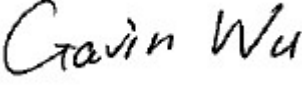


**TEST REPORT**

<b>Report No.:</b>	<b>EM201100490-1</b>	<b>Application No.:</b>	<b>ZJ00011879</b>
<b>Client:</b>	Harman International Industries, Incorporated		
<b>Address:</b>	8500 Balboa Blvd, Northridge, CA 91329, UNITED STATES		
<b>Sample Description:</b>	AirPlay speaker dock for iPod/iPhone/iPad		
<b>Model:</b>	JBL ONBEAT™ AIR		
<b>Test Location:</b>	EMC Laboratory of Guangzhou GRG Metrology and Test Co., Ltd.		
<b>Test Specification:</b>	FCC PART 15 SUBPART B:2010		
<b>Issue Date:</b>	2011-12-23		
<b>Test Result:</b>	Pass.		
<b>Prepared By:</b>	<b>Reviewed By:</b>	<b>Approved By:</b>	
Shi Gang / Test Engineer	Angel Liu / Technical Assistance	Gavin Wu / Manager	
			
Date:2011-12-23	Date:2011-12-23	Date:2011-12-23	
<b>Other Aspects:</b>			
None			
Abbreviations: ok / P = passed; fail / F = failed; n.a. / N = not applicable			
The test result in this test report refers exclusively to the presented test sample. This report shall not be reproduced except in full, without the written approval of GRGT.			

GRG Metrology and Test Co., Ltd.

Address: 163, Pingyun Road, West of Huangpu Avenue, Guangzhou, Guangdong, P.R. China

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Fax:+86-20-38695185

Email: [emc@grg.net.cn](mailto:emc@grg.net.cn)<http://www.grgtest.com>

Ver.:2.0/ 01. Jan. 2011

### **DIRECTIONS OF TEST**

- 1. This station carries out test task according to the national regulation of verifications which can be traced to National Primary Standards and BIPM.**
- 2. The test report merely corresponds to the test sample. It is not permitted to copy extracts of these test result without the written permission of the test laboratory.**
- 3. If there is any objection concerning the test, the client should inform the laboratory within 15 days from the date of receiving the test report.**

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**1. TEST RESULT SUMMARY**

<b>FCC PART 15 SUBPART B:2010</b>			
<b>Standard</b>	<b>Item</b>	<b>Limit / Severity</b>	<b>Result</b>
<b>FCC PART 15 SUBPART B:2010</b>	Conducted Disturbance	Class B	PASS
	Radiated Electromagnetic Disturbance	Class B	PASS

## 2. GENERAL DESCRIPTION OF EUT

### 2.1 APPLICANT

Name: Harman International Industries, Incorporated  
Address: 8500 Balboa Blvd, Northridge, CA 91329, UNITED STATES

### 2.2 MANUFACTURER

Name: Harman International Industries, Incorporated  
Address: 8500 Balboa Blvd, Northridge, CA 91329, UNITED STATES

### 2.3 BASIC DESCRIPTION OF EQUIPMENT UNDER TEST

Equipment: AirPlay speaker dock for iPod/iPhone/iPad  
Model No.: JBL ONBEAT™ AIR  
Trade Name: JBL  
Adapter: Model:YJS048A-1302500D;Input:100-240V;50/60Hz 1.2A max;  
Output:12V 2500mA  
Note: /

### 2.4 TEST OPERATION MODES

Emission: mode : AUX input;iphone;USB;VGA

### 2.5 LOCAL SUPPORTIVE INSTRUMENTS

Name of Equipment	Manufacturer	Model	Serial Number
iphone	APPLE	A1303	/
PC	Lenovo	E46L	EB22867264
TV	SONGPU	SP-1458	/

Cable Description	Length (M)
Audio Cable	0.50
Video Cable	1.20
Adapter AC Input cable	1.80
Adapter DC Output cable	1.55

### 3. LABORATORY AND ACCREDITATIONS

#### 3.1 LABORATORY

The tests and measurements refer to this report were performed by EMC Laboratory of Guangzhou GRG Metrology and Test Technology Co., Ltd.

Add. : 163 Pingyun Rd, West of Huangpu Ave, Guangzhou, 510656, P. R. China

Telephone: +86-20-38699959, 38699960, 38699961

Fax : +86-20-38695185

#### 3.2 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

<b>USA</b>	FCC Listed Lab No. 688188
<b>China</b>	CNAS NO.L0446
<b>China</b>	DILAC No.DL175
<b>Canada</b>	Registration No.:8355A-1

#### 3.3 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

<b>Measurement</b>		<b>Frequency</b>	<b>Uncertainty</b>
Radiated Emission	Horizontal	30MHz~1000MHz	4.2dB
	Vertical	30MHz~1000MHz	4.4dB
Conducted Emission		9kHz~30MHz	3.1 dB

This uncertainty represents an expanded uncertainty factor of  $k=2$ .

**3.4 LIST OF USED TEST EQUIPMENT AT GRGT**

<b>Name of Equipment</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Serial Number</b>	<b>Calibration Due</b>
<b>Radiated Emission</b>				
Bi-Log Antenna	ETS-LINDGRE N	3142C	75971	2012-07-31
EMI Receiver	R&S	ESU40	100106	2012-09-26
<b>Conducted Emission</b>				
EMI Receiver	R&S	ESU40	100106	2012-09-26
L.I.S.N	SCHWARZBECK	NSLK 8127	8127450	2012-08-21

## 4. EMISSION TEST

### 4.1 RADIATED ELECTROMAGNETIC DISTURBANCE MEASUREMENT

#### 4.1.1 LIMITS

Frequency (MHz)	Quasi-peak(dBμV/m)
30 ~ 88	40
88~216	43.5
216 ~ 960	46
Above 960	54

**NOTE:** (1) The lower limit shall apply at the transition frequencies.

#### 4.1.2 TEST PROCEDURE

##### Procedure of Preliminary Test

Radiated emission tests shall be made with the receive or transmit antenna located at a horizontal distance of 3 m plus half of the maximum width of the EUT being tested, measured from the centre of the EUT. The tests shall be performed with the equipment configured as closely as possible to its typical, practical operation. Unless stated otherwise, cables and wiring shall be as specified by the manufacturer and the equipment shall be in its housing (or cabinet) with all covers and access panels in place. Any deviation from normal EUT operating conditions shall be included in the test report.

The EUT (on a non-conductive support structure, where applicable) shall be placed on a remotely operated turntable, to allow the EUT to be rotated. The height of the EUT above the ground plane shall be according to the following requirements.

- Table-top equipment is placed on a non-conductive set-up table with height  $0,8\text{ m} \pm 0,01\text{ m}$ , ANSI C63.4 specifies the method to determine the impact of the non-conductive set-up table on test results.
- Floor-standing equipment is placed on a non-conductive support, as specified in the applicable product standard. If there are no EUT height placement requirements in the product standard, the EUT shall be placed on a non-conductive support at a height of 5 cm to 15 cm above the ground plane.

Interface cables, loads, and devices should be connected to at least one of each type of the interface ports of the EUT and, where practical, each cable shall be terminated in a device typical for its actual use. Where there are multiple interface ports of the same type, a typical number of these devices shall be connected to devices or loads. It is sufficient to connect only one of the loads, provided that it can be shown, for example by preliminary testing, that the connection of further ports would not significantly increase the level of disturbance (that is, more than 2 dB) or significantly degrade the immunity level.

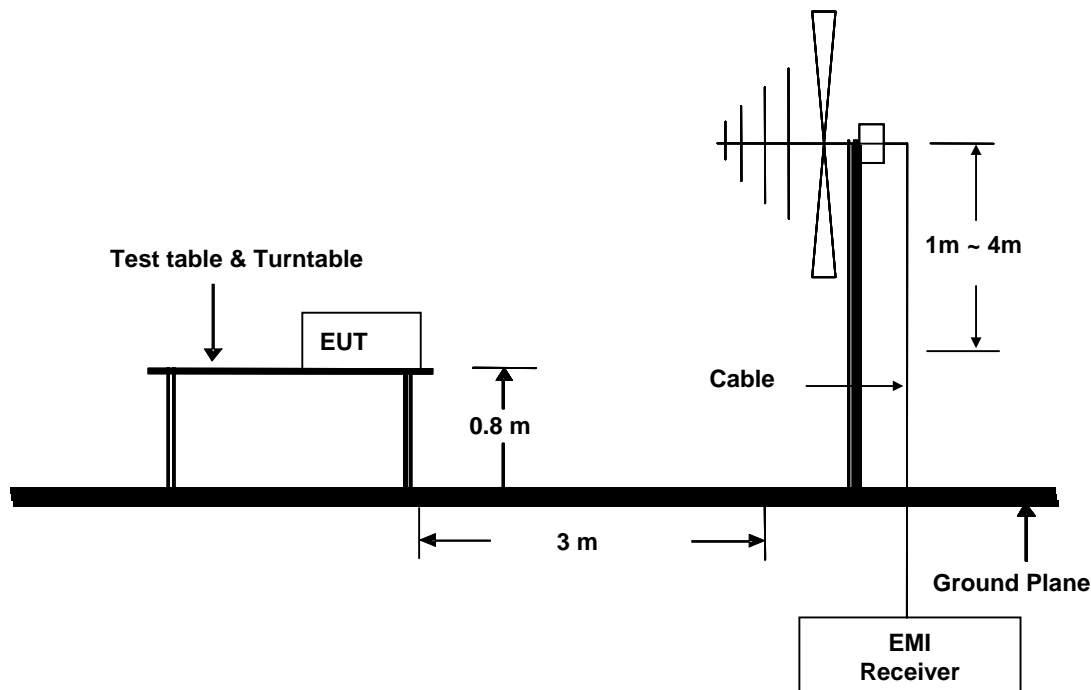
The test mode(s) described in Item 2.4 were scanned during the preliminary test. After the preliminary scan, we found the test mode described in Item 2.4 producing the highest emission level. The EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for the final test.



### Procedure of Final Test

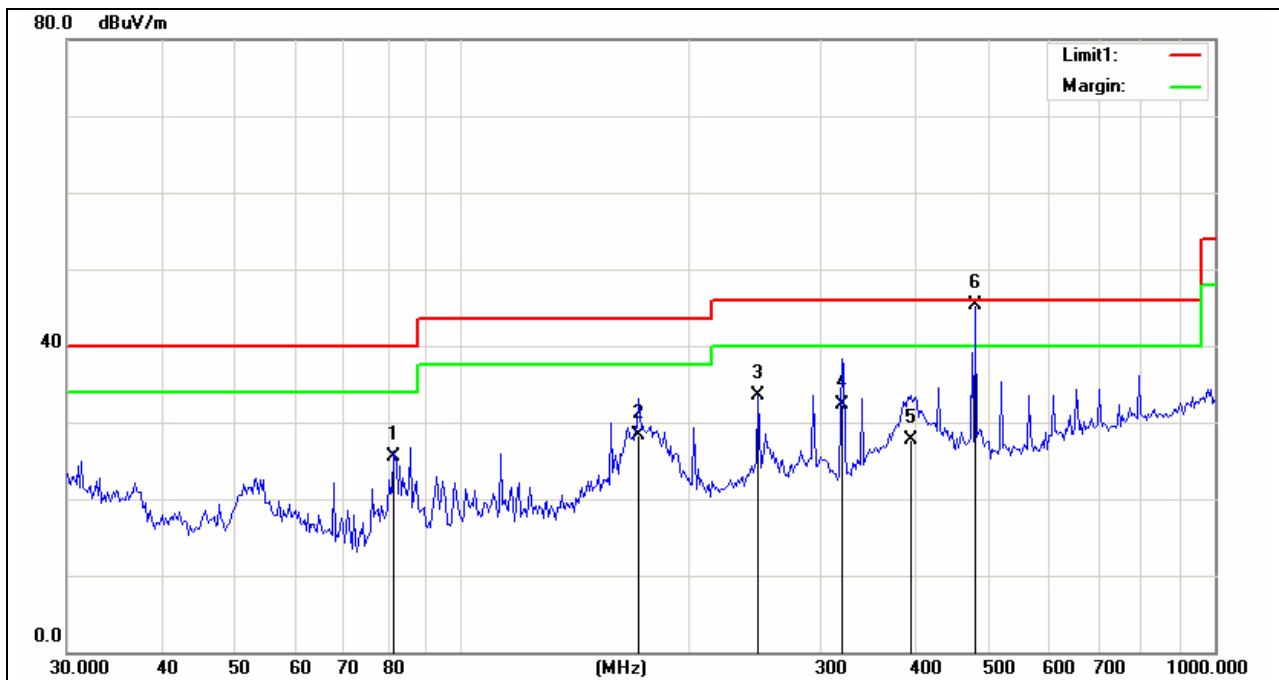
EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test. The Analyzer / Receiver scanned from 30MHz to 1000MHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level. Record at least six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only QP reading is presented. The test data of the worst-case condition(s) was recorded.

### 4.1.3 TEST SETUP



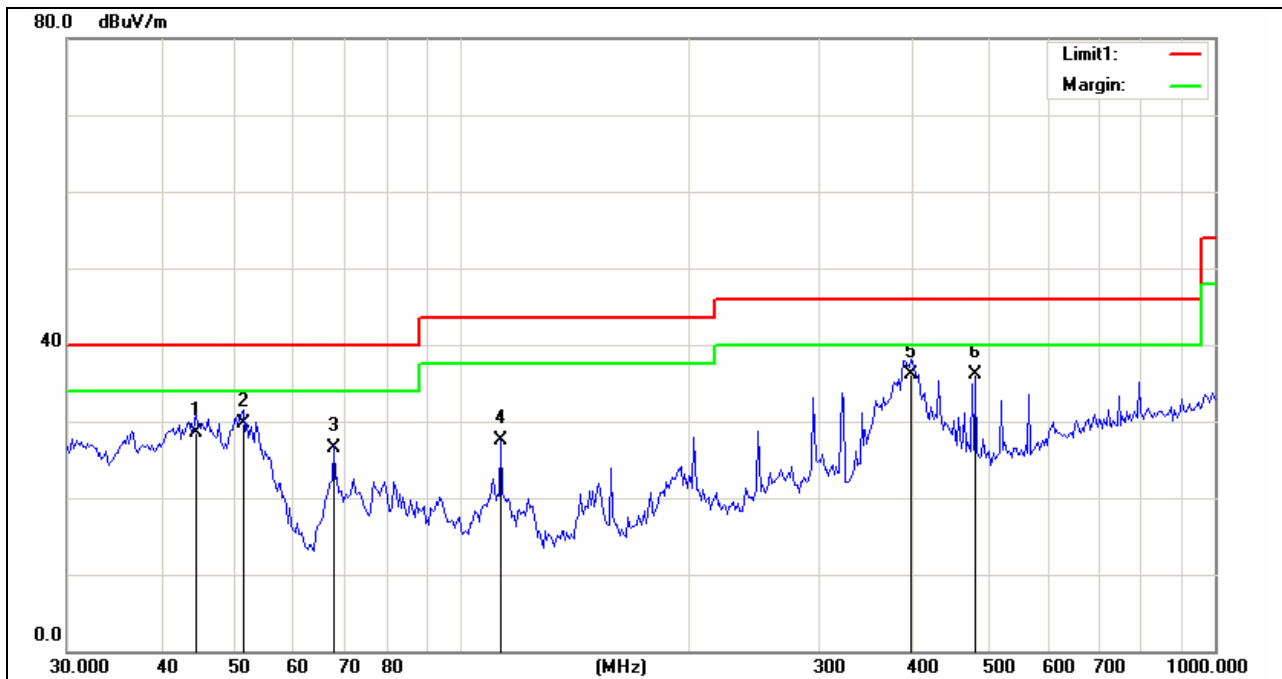
#### 4.1.4 TEST RESULTS

<b>Test Result:</b>	<b>Pass</b>	<b>Polarization:</b>	<b>Horizontal</b>
<b>Standard:</b>	<b>(RE)FCC PART 15 class B 3m</b>	<b>Power Source:</b>	<b>AC 120V/60Hz</b>
<b>Test item:</b>	<b>Radiation Test</b>	<b>Date:</b>	<b>2011-12-23</b>
<b>Temp./Hum.(%RH):</b>	<b>25/57%RH</b>	<b>Time:</b>	<b>8:53:43</b>
<b>EUT:</b>	<b>AirPlay speaker dock for iPod/iPhone/iPad</b>	<b>Model:</b>	<b>JBL ONBEAT™ AIR</b>
<b>Note:</b>	<b>AUX input</b>		



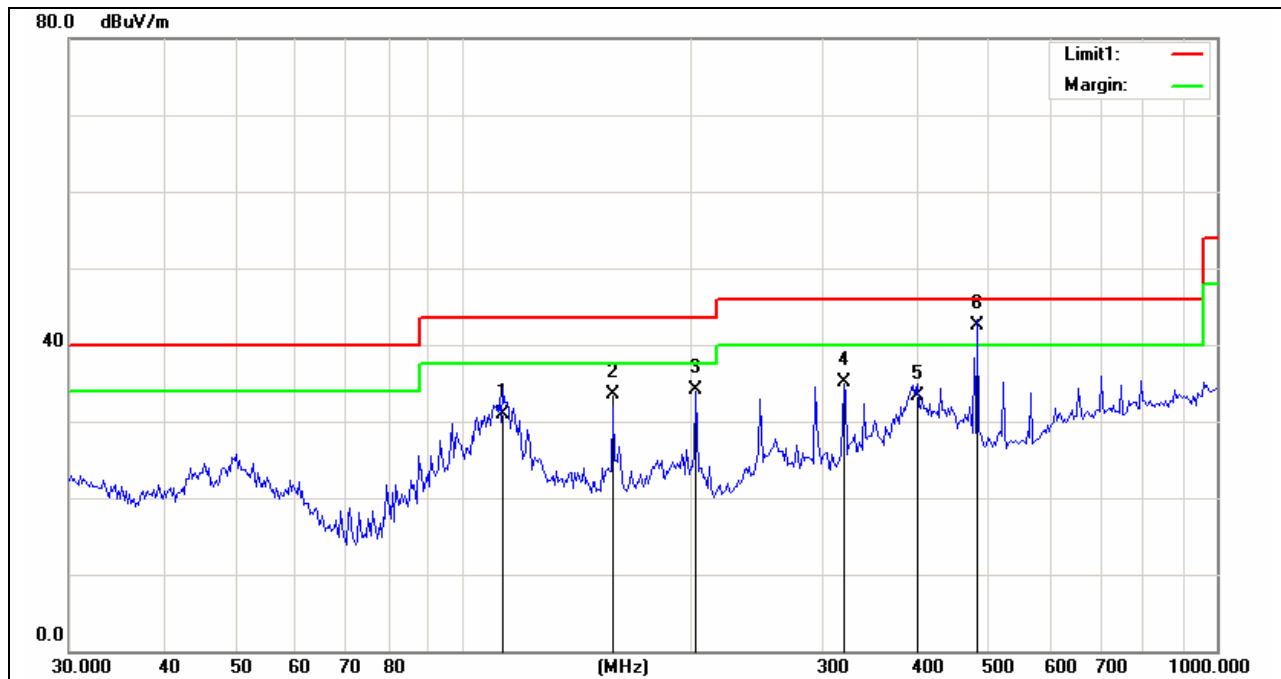
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Remark
1	81.5703	16.77	8.73	25.50	40.00	-14.50	QP
2	172.2345	17.67	10.63	28.30	43.50	-15.20	QP
3	248.1723	19.90	13.60	33.50	46.00	-12.50	QP
4	319.5776	16.10	16.20	32.30	46.00	-13.70	QP
5	395.6540	9.60	18.10	27.70	46.00	-18.30	QP
6	481.6523	25.33	19.97	45.30	46.00	-0.70	QP

<b>Test Result:</b>	<b>Pass</b>	<b>Polarization:</b>	<b>Vertical</b>
<b>Standard:</b>	<b>(RE)FCC PART 15 class B 3m</b>	<b>Power Source:</b>	<b>AC 120V/60Hz</b>
<b>Test item:</b>	<b>Radiation Test</b>	<b>Date:</b>	<b>2011-12-23</b>
<b>Temp./Hum.(%RH):</b>	<b>25/57%RH</b>	<b>Time:</b>	<b>8:43:28</b>
<b>EUT:</b>	<b>AirPlay speaker dock for iPod/iPhone/iPad</b>	<b>Model:</b>	<b>JBL ONBEAT™ AIR</b>
<b>Note:</b>	<b>AUX input</b>		



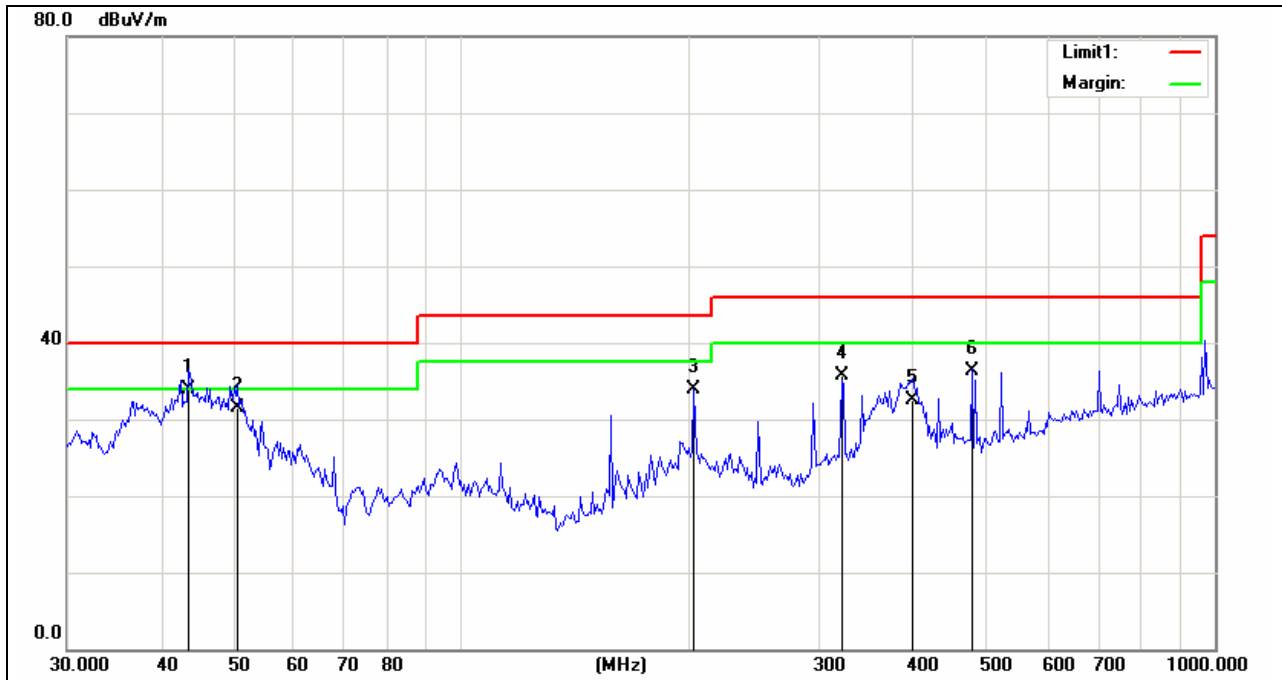
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Remark
1	44.4587	16.85	11.75	28.60	40.00	-11.40	QP
2	51.4530	20.22	9.48	29.70	40.00	-10.30	QP
3	67.7634	18.88	7.72	26.60	40.00	-13.40	QP
4	113.0009	18.29	9.31	27.60	43.50	-15.90	QP
5	395.6540	18.10	18.10	36.20	46.00	-9.80	QP
6	481.6523	16.13	19.97	36.10	46.00	-9.90	QP

<b>Test Result:</b>	Pass	<b>Polarization:</b>	Horizontal
<b>Standard:</b>	(RE)FCC PART 15 class B 3m	<b>Power Source:</b>	AC 120V/60Hz
<b>Test item:</b>	Radiation Test	<b>Date:</b>	2011-12-21
<b>Temp./Hum.(%RH):</b>	25/57%RH	<b>Time:</b>	10:23:53
<b>EUT:</b>	AirPlay speaker dock for iPod/iPhone/iPad	<b>Model:</b>	JBL ONBEAT™ AIR
<b>Note:</b>	iphone		



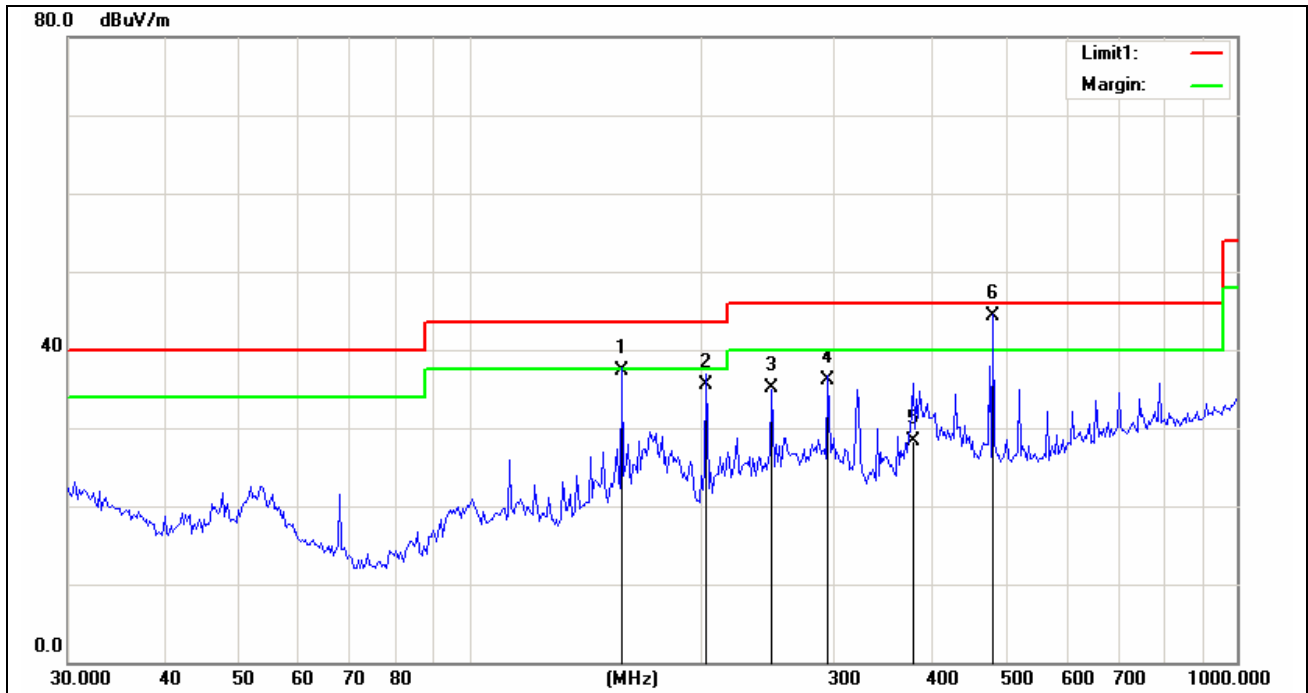
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Remark
1	113.0009	20.67	10.33	31.00	43.50	-12.50	QP
2	158.3115	22.00	11.60	33.60	43.50	-9.90	QP
3	203.8616	21.40	12.80	34.20	43.50	-9.30	QP
4	319.5776	17.51	17.59	35.10	46.00	-10.90	QP
5	400.1260	13.74	19.56	33.30	46.00	-12.70	QP
6	481.6523	21.35	21.25	42.60	46.00	-3.40	QP

<b>Test Result:</b>	<b>Pass</b>	<b>Polarization:</b>	<b>Vertical</b>
<b>Standard:</b>	<b>(RE)FCC PART 15 class B 3m</b>	<b>Power Source:</b>	<b>AC 120V/60Hz</b>
<b>Test item:</b>	<b>Radiation Test</b>	<b>Date:</b>	<b>2011-12-21</b>
<b>Temp./Hum.(%RH):</b>	<b>25/57%RH</b>	<b>Time:</b>	<b>10:13:33</b>
<b>EUT:</b>	<b>AirPlay speaker dock for iPod/iPhone/iPad</b>	<b>Model:</b>	<b>JBL ONBEAT™ AIR</b>
<b>Note:</b>	<b>iphone</b>		



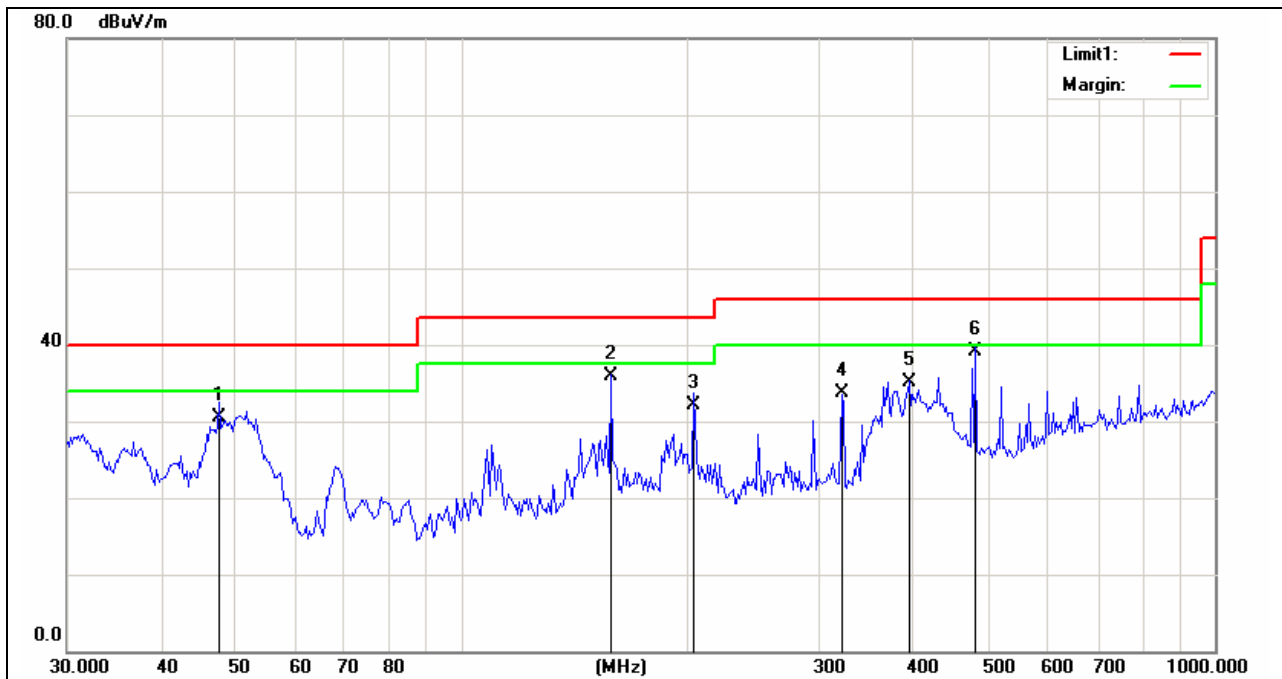
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Remark
1	43.4705	21.27	12.73	34.00	40.00	-6.00	QP
2	50.5928	21.22	10.38	31.60	40.00	-8.40	QP
3	203.8616	21.10	12.80	33.90	43.50	-9.60	QP
4	319.5776	18.11	17.59	35.70	46.00	-10.30	QP
5	397.8838	13.08	19.52	32.60	46.00	-13.40	QP
6	476.2693	15.08	21.32	36.40	46.00	-9.60	QP

<b>Test Result:</b>	<b>Pass</b>	<b>Polarization:</b>	<b>Horizontal</b>
<b>Standard:</b>	<b>(RE)FCC PART 15 class B 3m</b>	<b>Power Source:</b>	<b>AC 120V/60Hz</b>
<b>Test item:</b>	<b>Radiation Test</b>	<b>Date:</b>	<b>2011-12-23</b>
<b>Temp./Hum.(%RH):</b>	<b>25/57%RH</b>	<b>Time:</b>	<b>8:27:07</b>
<b>EUT:</b>	<b>AirPlay speaker dock for iPod/iPhone/iPad</b>	<b>Model:</b>	<b>JBL ONBEAT™ AIR</b>
<b>Note:</b>	<b>USB</b>		



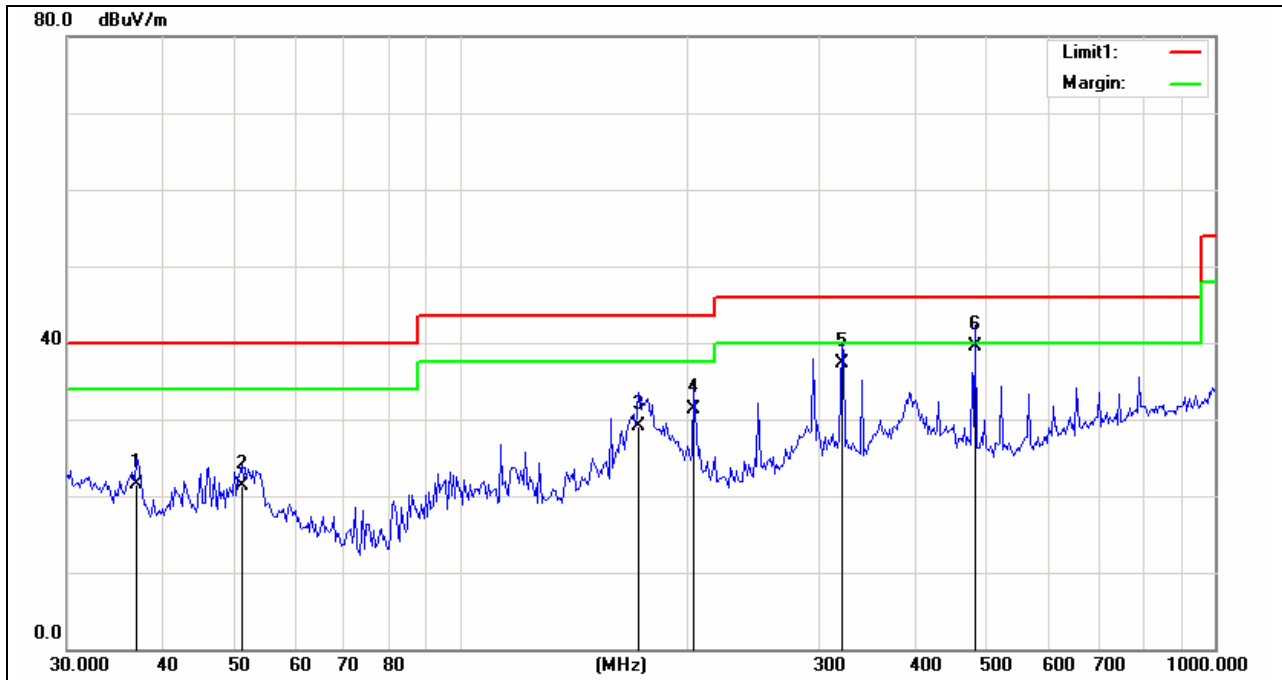
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Remark
1	158.3115	26.70	10.60	37.30	43.50	-6.20	QP
2	203.8616	24.01	11.59	35.60	43.50	-7.90	QP
3	248.1723	21.60	13.60	35.20	46.00	-10.80	QP
4	293.7438	21.34	14.86	36.20	46.00	-9.80	QP
5	378.2611	10.64	17.76	28.40	46.00	-17.60	QP
6	481.6523	24.33	19.97	44.30	46.00	-1.70	QP

<b>Test Result:</b>	<b>Pass</b>	<b>Polarization:</b>	<b>Vertical</b>
<b>Standard:</b>	<b>(RE)FCC PART 15 class B 3m</b>	<b>Power Source:</b>	<b>AC 120V/60Hz</b>
<b>Test item:</b>	<b>Radiation Test</b>	<b>Date:</b>	<b>2011-12-23</b>
<b>Temp./Hum.(%RH):</b>	<b>25/57%RH</b>	<b>Time:</b>	<b>8:19:03</b>
<b>EUT:</b>	<b>AirPlay speaker dock for iPod/iPhone/iPad</b>	<b>Model:</b>	<b>JBL ONBEAT™ AIR</b>
<b>Note:</b>	<b>USB</b>		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Remark
1	47.8282	20.08	10.52	30.60	40.00	-9.40	QP
2	158.3115	25.40	10.60	36.00	43.50	-7.50	QP
3	203.8616	20.61	11.59	32.20	43.50	-11.30	QP
4	319.5776	17.60	16.20	33.80	46.00	-12.20	QP
5	393.4370	17.14	18.06	35.20	46.00	-10.80	QP
6	481.6523	19.23	19.97	39.20	46.00	-6.80	QP

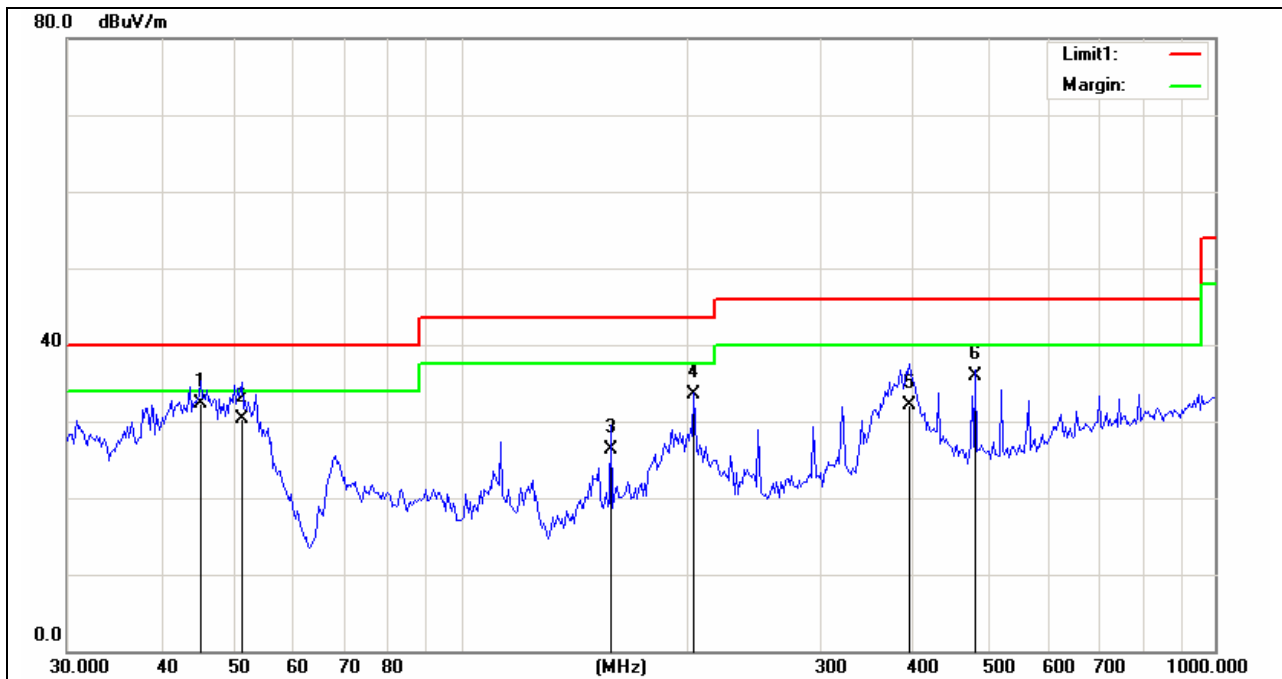
<b>Test Result:</b>	<b>Pass</b>	<b>Polarization:</b>	<b>Horizontal</b>
<b>Standard:</b>	<b>(RE)FCC PART 15 class B 3m</b>	<b>Power Source:</b>	<b>AC 120V/60Hz</b>
<b>Test item:</b>	<b>Radiation Test</b>	<b>Date:</b>	<b>2011-12-23</b>
<b>Temp./Hum.(%RH):</b>	<b>25/57%RH</b>	<b>Time:</b>	<b>9:16:13</b>
<b>EUT:</b>	<b>AirPlay speaker dock for iPod/iPhone/iPad</b>	<b>Model:</b>	<b>JBL ONBEAT™ AIR</b>
<b>Note:</b>	<b>Video output</b>		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Remark
1	37.1416	6.44	15.06	21.50	40.00	-18.50	QP
2	51.1646	11.87	9.53	21.40	40.00	-18.60	QP
3	172.2345	18.57	10.63	29.20	43.50	-14.30	QP
4	203.8616	19.81	11.59	31.40	43.50	-12.10	QP
5	319.5776	21.20	16.20	37.40	46.00	-8.60	QP
6	481.6523	19.53	19.97	39.50	46.00	-6.50	QP



<b>Test Result:</b>	<b>Pass</b>	<b>Polarization:</b>	<b>Vertical</b>
<b>Standard:</b>	<b>(RE)FCC PART 15 class B 3m</b>	<b>Power Source:</b>	<b>AC 120V/60Hz</b>
<b>Test item:</b>	<b>Radiation Test</b>	<b>Date:</b>	<b>2011-12-23</b>
<b>Temp./Hum.(%RH):</b>	<b>25/57%RH</b>	<b>Time:</b>	<b>9:10:26</b>
<b>EUT:</b>	<b>AirPlay speaker dock for iPod/iPhone/iPad</b>	<b>Model:</b>	<b>JBL ONBEAT™ AIR</b>
<b>Note:</b>	<b>Video output</b>		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Remark
1	45.2145	20.93	11.47	32.40	40.00	-7.60	QP
2	51.1646	20.87	9.53	30.40	40.00	-9.60	QP
3	158.3114	15.80	10.60	26.40	43.50	-17.10	QP
4	203.8616	22.01	11.59	33.60	43.50	-9.90	QP
5	393.4370	14.14	18.06	32.20	46.00	-13.80	QP
6	481.6523	16.03	19.97	36.00	46.00	-10.00	QP

## 4.2 CONDUCTED EMISSION MEASUREMENT

### 4.2.1 LIMITS

Frequency range	Limits (dB $\mu$ V)	
	Quasi-peak	Average
150kHz $\sim$ 0.5MHz	66 $\sim$ 56	56 $\sim$ 46
0.5 MHz $\sim$ 5 MHz	56	46
5 MHz $\sim$ 30 MHz	60	50

**NOTE:** (1) The lower limit shall apply at the transition frequencies.

(2) The limit decreases in line with the logarithm of the frequency in the range of 150kHz to 0.5MHz.

### 4.2.2 TEST PROCEDURES

#### Procedure of Preliminary Test

For measurement of the disturbance voltage the equipment under test (EUT) is connected to the power supply mains and any other extended network via one or more artificial network(s). An EUT, whether intended to be grounded or not, and which is to be used on a table is configured as follows:

- Either the bottom or the rear of the EUT shall be at a controlled distance of 40 cm from a reference ground plane. This ground plane is normally the wall or floor of a shielded room. It may also be a grounded metal plane of at least 2 m by 2 m. This is physically accomplished as follows:

- 1) place the EUT on a table of non-conducting material which is at least 80 cm high. Place the EUT so that it is 40 cm from the wall of the shielded room, or

- 2) place the EUT on a table of non-conducting material which is 40 cm high so that the bottom of the EUT is 40 cm above the ground plane;

- All other conductive surfaces of the EUT shall be at least 80 cm from the reference ground plane;

- The EUT are placed on the floor that one side of the housings is 40 cm from the vertical reference ground plane and other metallic parts;

- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth forming a bundle 30 cm to 40 cm long, hanging approximately in the middle between the ground plane and the table.

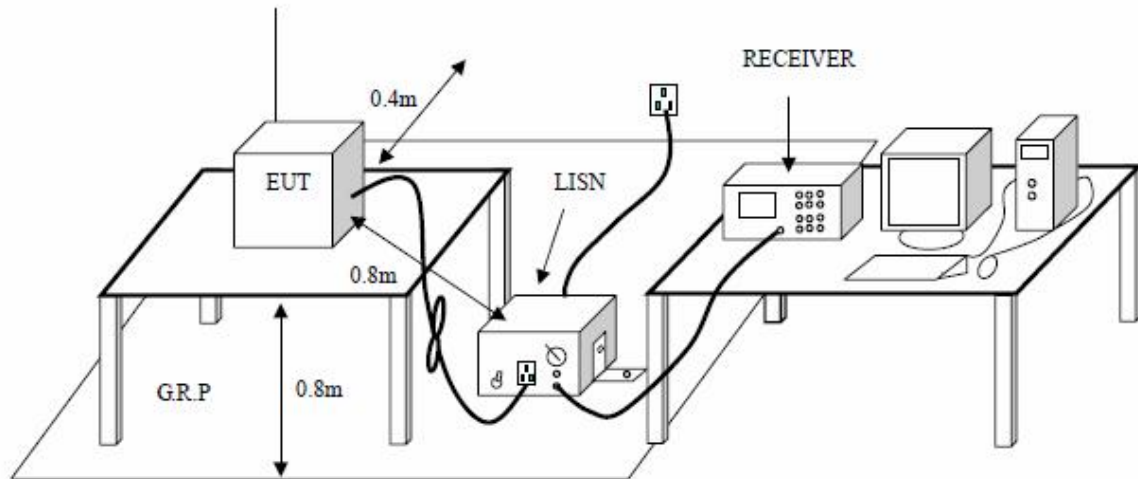
- I/O cables that are connected to a peripheral shall be bundled in the centre. The end of the cable may be terminated if required using correct terminating impedance. The total length shall not exceed 1 m.

The test mode(s) described in Item 2.4 were scanned during the preliminary test. After the preliminary scan, we found the test mode described in Item 2.4 producing the highest emission level. The EUT configuration and cable configuration of the above highest emission levels were recorded for reference of the final test.

#### Procedure of Final Test

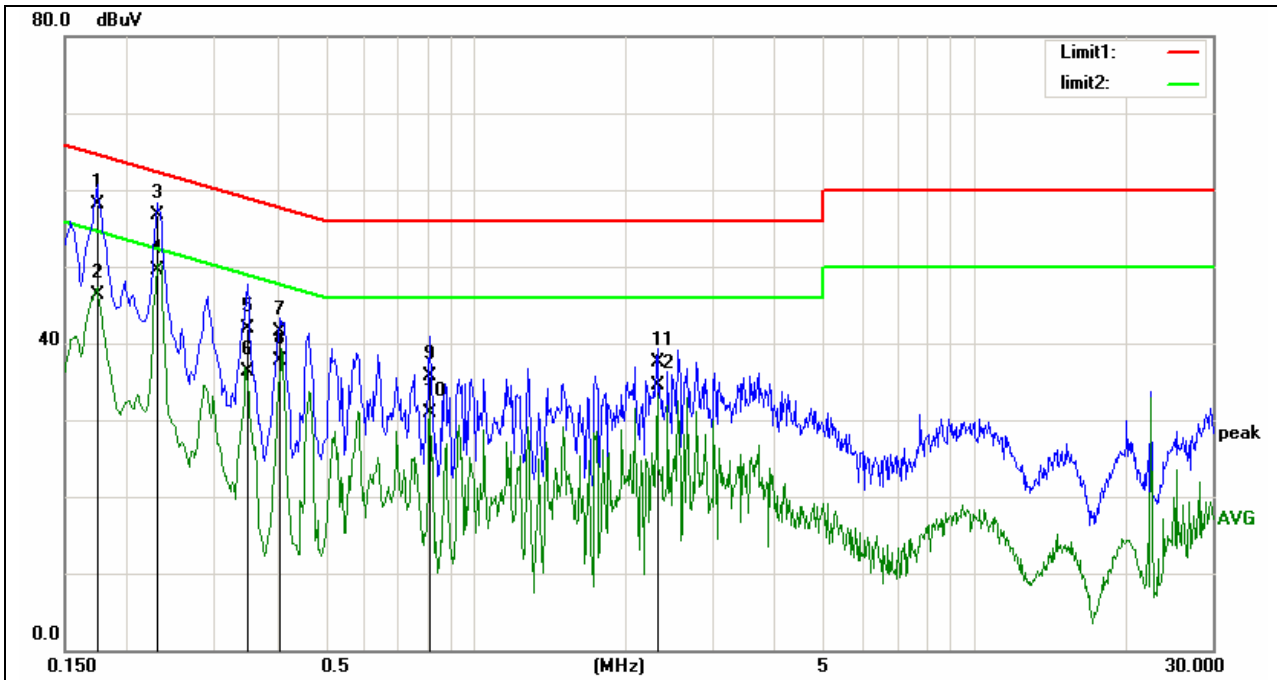
EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test. A scan was taken on both power lines, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. The test data of the worst-case condition(s) was recorded.

#### 4.2.3 TEST SETUP



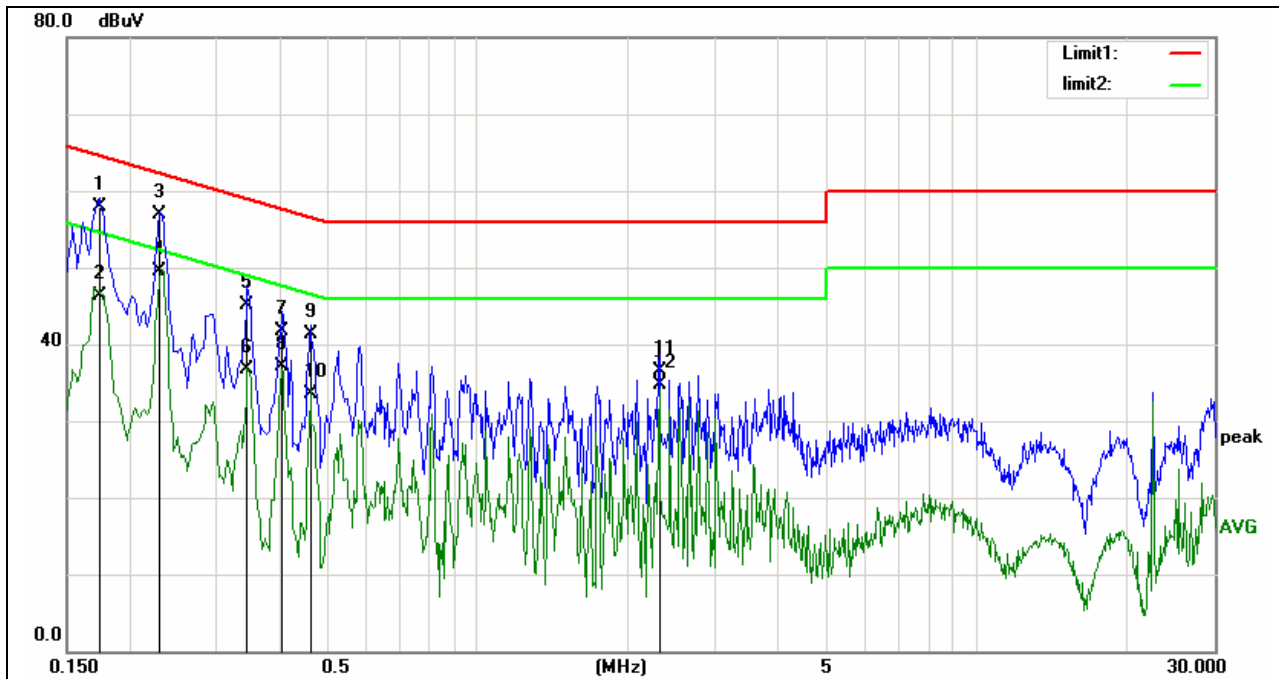
## 4.2.4 TEST RESULTS

<b>Test Result:</b>	Pass	<b>Probe:</b>	L1
<b>Standard:</b>	(CE)FCC PART 15 class B_QP	<b>Power Source:</b>	AC 120V/60Hz
<b>Test item:</b>	Conduction Test	<b>Date:</b>	2011-12-13
<b>Temp./Hum.(%RH):</b>	25/57%RH	<b>Time:</b>	14:24:00
<b>EUT:</b>	AirPlay speaker dock for iPod/iPhone/iPad	<b>Model:</b>	JBL ONBEAT™ AIR
<b>Note:</b>	iphone		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Remark
1	0.1740	56.53	1.57	58.10	64.76	-6.66	QP
2	0.1740	44.73	1.57	46.30	54.76	-8.46	AVG
3	0.2300	55.85	0.95	56.80	62.45	-5.65	QP
4	0.2300	48.65	0.95	49.60	52.45	-2.85	AVG
5	0.3500	41.08	0.82	41.90	58.96	-17.06	QP
6	0.3500	35.58	0.82	36.40	48.96	-12.56	AVG
7	0.4060	40.78	0.72	41.50	57.73	-16.23	QP
8	0.4060	36.98	0.72	37.70	47.73	-10.03	AVG
9	0.8100	35.39	0.41	35.80	56.00	-20.20	QP
10	0.8100	30.49	0.41	30.90	46.00	-15.10	AVG
11	2.3100	36.89	0.61	37.50	56.00	-18.50	QP
12	2.3100	33.99	0.61	34.60	46.00	-11.40	AVG

<b>Test Result:</b>	Pass	<b>Probe:</b>	N
<b>Standard:</b>	(CE)FCC PART 15 class B_QP	<b>Power Source:</b>	AC 120V/60Hz
<b>Test item:</b>	Conduction Test	<b>Date:</b>	2011-12-13
<b>Temp./Hum.(%RH):</b>	25/57%RH	<b>Time:</b>	14:19:00
<b>EUT:</b>	AirPlay speaker dock for iPod/iPhone/iPad	<b>Model:</b>	JBL ONBEAT™ AIR
<b>Note:</b>	iphone		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Remark
1	0.1740	56.43	1.57	58.00	64.76	-6.76	QP
2	0.1740	44.73	1.57	46.30	54.76	-8.46	AVG
3	0.2300	55.95	0.95	56.90	62.45	-5.55	QP
4	0.2300	48.65	0.95	49.60	52.45	-2.85	AVG
5	0.3460	44.37	0.83	45.20	59.06	-13.86	QP
6	0.3460	35.97	0.83	36.80	49.06	-12.26	AVG
7	0.4060	40.98	0.72	41.70	57.73	-16.03	QP
8	0.4060	36.38	0.72	37.10	47.73	-10.63	AVG
9	0.4620	40.78	0.62	41.40	56.66	-15.26	QP
10	0.4620	32.98	0.62	33.60	46.66	-13.06	AVG
11	2.3100	35.99	0.61	36.60	56.00	-19.40	QP
12	2.3100	34.09	0.61	34.70	46.00	-11.30	AVG

Note: This device was tested in the iphone; AUX input; Video output; USB; we found the maximum conduction emission is iphone mode, so the record is iphone mode test data

## APPENDIX A: PHOTOGRAPH OF THE TEST ARRANGEMENT

Radiated Emission



1



2



3



4

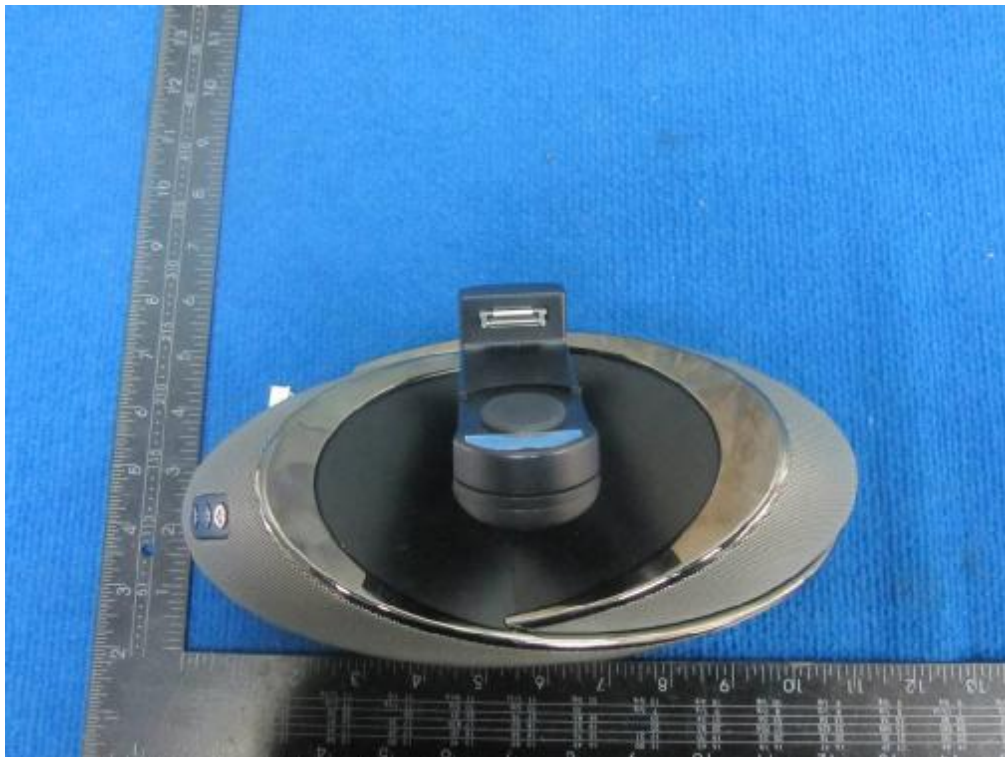


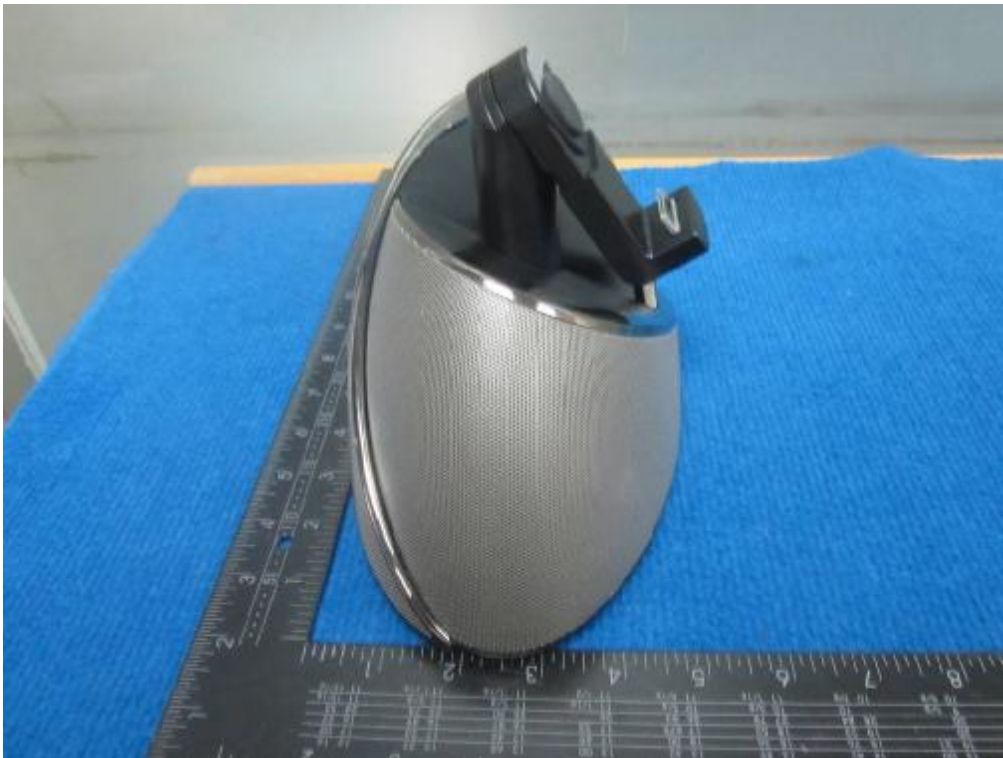
### Conducted Emission





## APPENDIX B: PHOTOGRAPH OF THE EUT

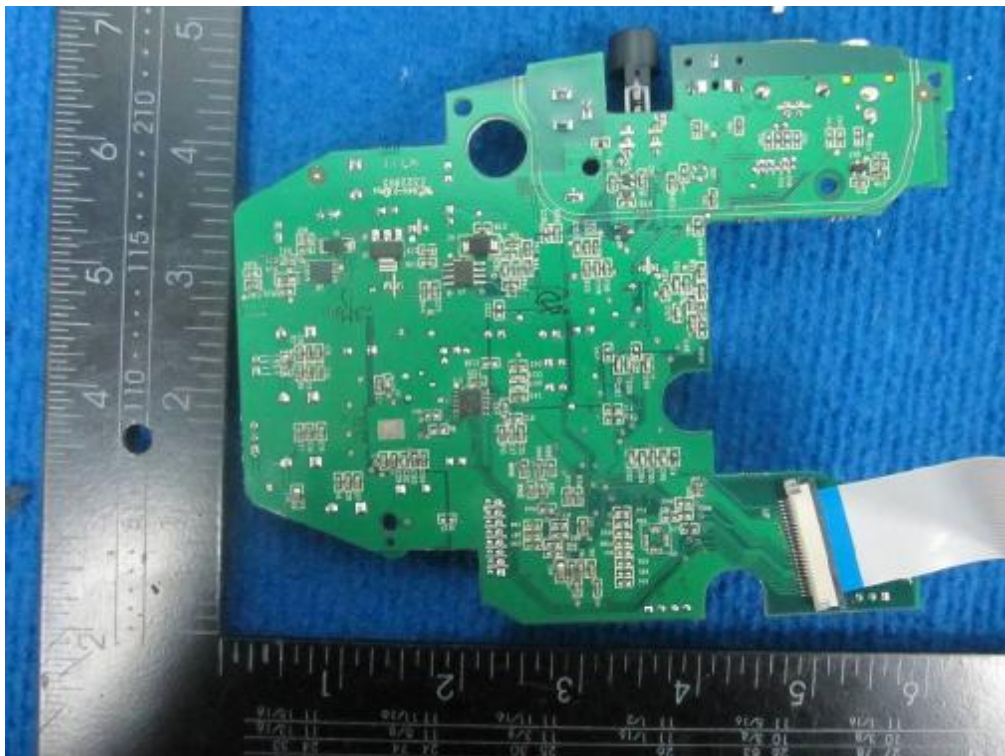
















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