FCC ID TEST REPORT

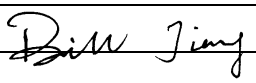
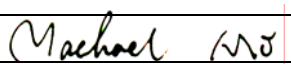
Prepared for.....:	Shenzhen YOOBAO Technology Co., Ltd
Address.....:	3/F, Bldg. A5, Huatongyuan Logistics Center, NO.2 Minzhi Street, Longhua District, Shenzhen, China
Equipment Under Test(E.U.T.):	Bluetooth Speakers
Model.....:	YBL2
FCC ID.....:	2AC7XYBL2
Applicable Standards.....:	FCC CFR Title 47 Part 15 Subpart B
Test Date.....:	20 November 2014 to 08 December 2014
Issued Date.....:	09 December 2014
Report Number.....:	POCE14082528KRF-1
Test Engineer.....:	
Reviewed By.....:	
Prepared By.....:	**Shenzhen POCE Technology Co., Ltd.** H Building, Hongfa Science and Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, China Tel: 86-755-2911 3252 Fax: 86-755-2911 3135

Table of Contents

1.0 General Information

1.1 Client Details

Applicant:	Shenzhen YOOBAO Technology Co., Ltd
Address:	3/F, Bldg. A5, Huatongyuan Logistics Center, NO.2 Minzhi Street, Longhua District, Shenzhen, China
Manufacturer:	Shenzhen YOOBAO Technology Co., Ltd
Address:	3/F, Bldg. A5, Huatongyuan Logistics Center, NO.2 Minzhi Street, Longhua District, Shenzhen, China

1.2 Test Lab Details

Name :	Shenzhen POCE Technology Co.,Ltd.
Address:	Room 502, Bldg. 1, Xinghua Garden, Baoan Road Xixiang, Baoan District, Shenzhen, China
Telephone:	86-755-29113252
Fax:	86-755-29113135

Site Listed with Federal Communication Commission
Registration Number: 222278
For 3m chamber

1.3 Description of E.U.T.

Product:	Bluetooth Speakers
Model No.:	YBL2
Additional Model No.	N.A.
Brand Name:	Yoobao
Power supply:	DC 3.7V from battery or DC 5V from adapter by AC 120V/60Hz. Adapter information: Model: YB-706 Input: AC 100-240V, 50/60 Hz Output: DC 5V, 2A

1.4 AE used during the test

Equipment type	Model	Manufacturer	FCC Approval	Remark
PC	VOSTRO 3900	DELL	DoC	N.A.
Monitor	E1914Hc	DELL	DoC	N.A.
Keyboard	KB212-B	DELL	DoC	Shielding/1.5m
Mouse	MS111-L	DELL	DoC	Shielding/1.5m
Printer	P1108	HP	DoC	USB LINE: Shielding/1.5m

2.0 Test Summary

Section in CFR 47	Test Item	Result
15.107(a)	AC Power Line Conducted Emission	Complies
15.109	Radiated Emission	Complies

3.0 E.U.T. Modification

No modification by *Shenzhen POCE Technology Co., Ltd.*

4.0 Measurement Uncertainty

（95% confidence levels, k=2)

No.	Item	MU
1.	Radio Frequency	$\pm 1\times 10^{-9}$
2.	Temperature	±0.1℃
3.	Humidity	±1.0%
4.	RF power, conducted	±0.34dB
5.	Spurious emissions, conducted	±2.72dB
6.	All emissions, radiated	±3.84dB

5.0 Power Line Conducted Emission Test

5.1 Test Equipment

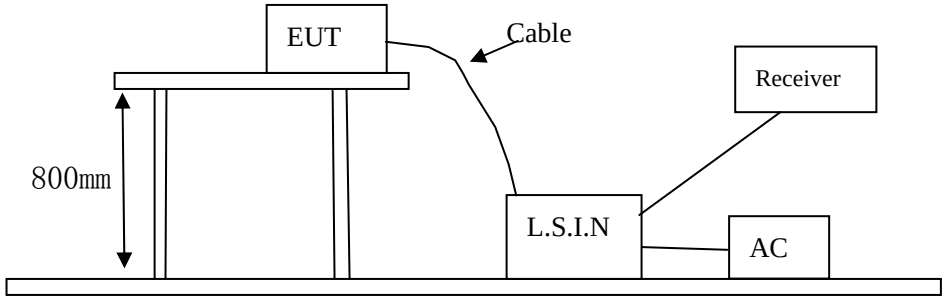
Instrument Type	Model	Serial No.	Manufacturer	Date of Cal.	Due Date
EMI Test Receiver	ESCI	1166.590.03	R&S	Nov. 09, 2014	Nov. 08, 2015
LISN	ESH3-Z5	831.5518.52	R&S	Nov. 09, 2014	Nov. 08, 2015

5.2 Test Method and test Procedure

The E.U.T. was tested according to ANSI C63.4-2009.The Frequency spectrum From 0.15MHz to 30MHz was investigated.

Test Voltage: 120V~, 60Hz

5.3 Block diagram of Test setup



5.4 E.U.T. Operating Condition

Operating condition is according to ANSI C63.4 -2009

1) Setup the E.U.T. and simulators as shown on the following

2) Enable AF signal and confirm E.U.T. active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.107

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

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

2) The tighter limit shall apply at the transition frequencies

5.6 Test specification

Environmental conditions: Temperature: 25° C Humidity: 50% Atmospheric pressure: 103kPa

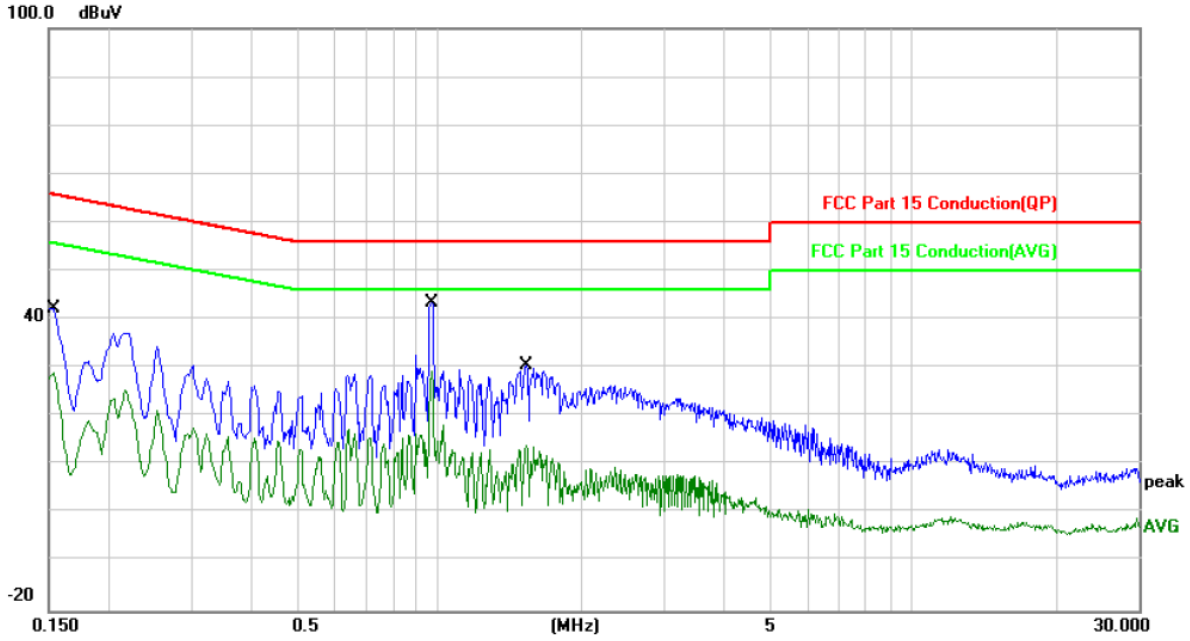
5.7 Test Result

Pass.

Conducted Emission on Line Terminal of the power line (150kHz to 30MHz)

E.U.T. Description:	Bluetooth Speakers
Operation Mode:	Data transfer
Tested By:	Bill
Test Date:	02 December 2014

Start Frequency	Stop Frequency	Step	IF BW	Detector	Final M-Time
0.15MHz	30MHz	4.5KHz	10KHz	QP+AV	1s

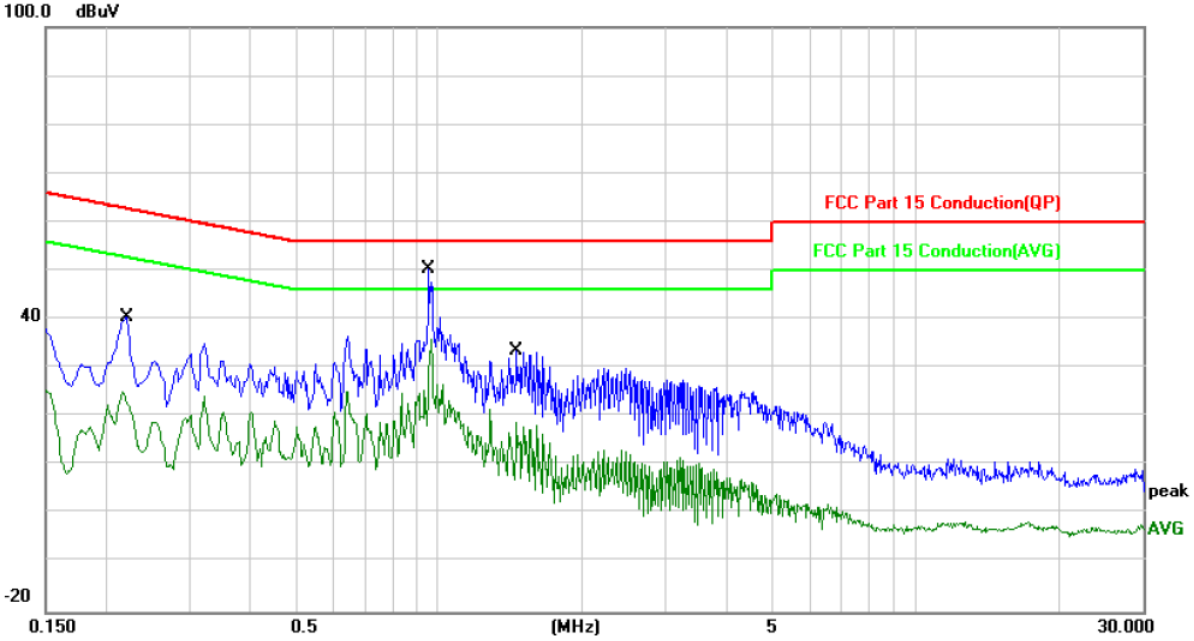


Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Line		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.1527	36.69	25.49	--	--	65.85	55.85
0.9656	41.10	26.95	--	--	56.00	46.00
1.5327	28.66	15.64	--	--	56.00	46.00
			--	--		
			--	--		
			--	--		

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

E.U.T. Description:	Bluetooth Speakers
Operation Mode:	Data transfer
Tested By:	Bill
Test Date:	02 December 2014

Start Frequency	Stop Frequency	Step	IF BW	Detector	Final M-Time
0.15MHz	30MHz	4.5KHz	10KHz	QP+AV	1s



Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.2205	--	--	34.77	23.61	62.80	52.80
0.9659	--	--	44.67	34.52	56.00	46.00
1.4661	--	--	30.96	17.82	56.00	46.00
	--	--				
	--	--				
	--	--				

6.0 Radiated emissions Measurement

6.1 Test Equipment

Instrument Type	Model	Serial No.	Manufacturer	Date of Cal.	Due Date
ESPI Test Receiver	ESPI 3	100379	ROHDE&SCHWARZ	Nov. 09, 2014	Nov. 08, 2015
Spectrum Analyzer	FSEM	848597/001	ROHDE&SCHWARZ	Nov. 09, 2014	Nov. 08, 2015
Pre-amplifier	8447D	83153007374	Agilent	Aug. 20, 2014	Aug. 19, 2015
Ultra Broadband ANT	HL562	100157	ROHDE&SCHWARZ	Aug. 20, 2014	Aug. 19, 2015

6.2 Radiated Emission Limit

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

Frequencies in restricted band are complied to limit on Paragraph 15.109.

Frequency Range (MHz)	Distance (m)	Field strength (dBμV/m)
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

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

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

3) Distance refers to the distance in meters between the measuring instrument antenna and the E.U.T.

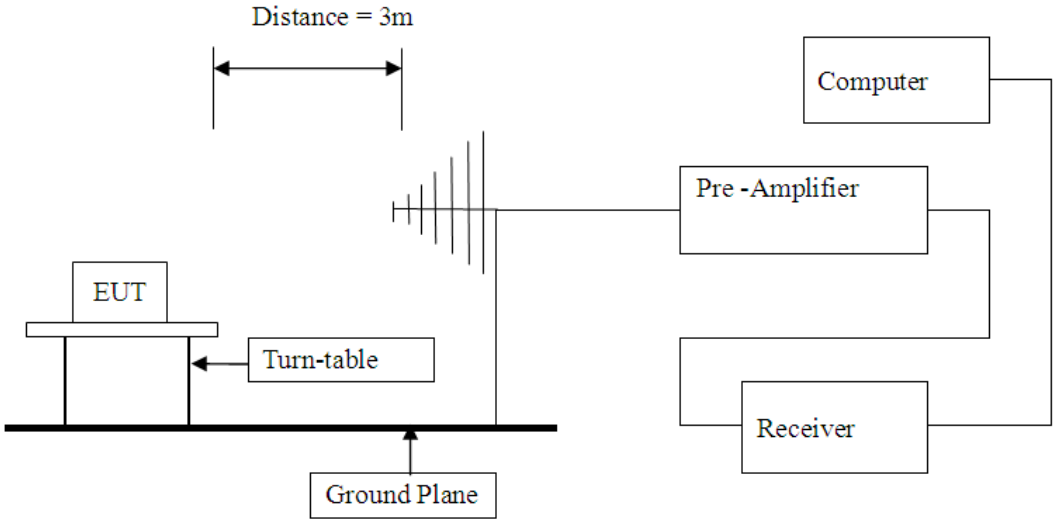
4) This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

5) If measurement is made at 3m distance, then F.S Limitation at 3m distance is adjusted by using the formula Ld1 = Ld2 * (d2/d1)

6.3 E.U.T. Operating Condition

Operating condition is according to ANSI C63.4 -2009

6.4 Block diagram of Test setup



6.5 Test Method and test Procedure

1) The E.U.T. was tested according to ANSI C63.4 –2009.
2) The E.U.T., peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.4-2009.
3) The frequency spectrum from 30 MHz to 1 GHz was investigated. All readings from 30 MHz to 1 GHz quasi-peak values with a resolution bandwidth of 120 kHz. Measurements were made at 3 meters.
4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
5) The antenna polarization: Vertical polarization and Horizontal polarization.

6.6 Test specification

Environmental conditions: Temperature 22° C Humidity: 51% Atmospheric pressure: 103kPa

6.7 Test result

Radiated Emission (30MHz-1000MHz)

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp (dB)	Final Level (dBuV/m)	Limit (dBuV/m)	Antenna Polarity
43.1564	38.26	13.22	0.35	26.68	25.15	40.00	Horizontal
94.2685	35.61	14.86	0.51	26.72	24.26	43.50	Horizontal
120.3468	37.18	15.24	0.58	26.81	26.19	43.50	Horizontal
242.3162	33.26	16.82	0.84	26.91	24.01	46.00	Horizontal
860.8246	40.92	19.67	1.76	26.75	35.60	46.00	Horizontal
43.1564	38.24	13.94	0.42	26.82	25.78	40.00	Vertical
102.3675	41.25	14.86	0.59	26.91	29.79	43.50	Vertical
240.6367	43.66	16.64	0.78	26.34	34.74	46.00	Vertical
600.2495	45.67	18.59	0.96	26.75	38.47	46.00	Vertical
871.3564	49.67	19.34	1.45	26.81	43.65	46.00	Vertical

Remark:

1) Final Level= Read Level+Antenna Factor+Cable Loss-Preamp

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