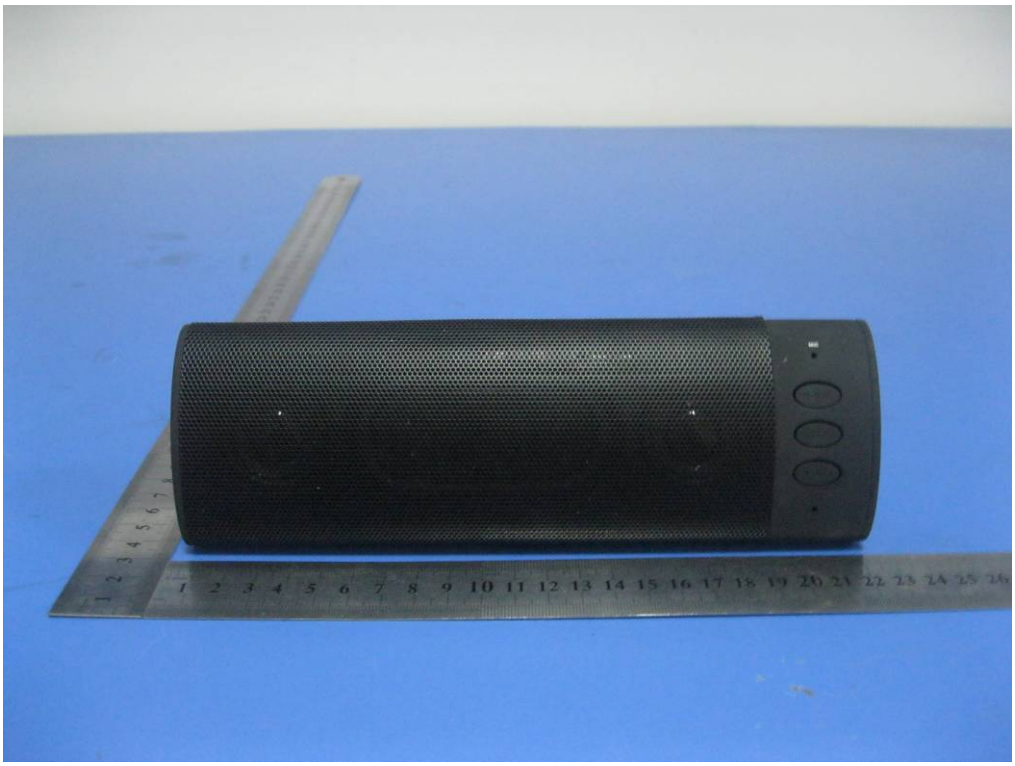
SHENZHEN QI SHENGLONG INDUSTRIALIST CO.,LTD

Bluetooth Wireless Stereo Speaker

Main Model: MA-825-B
Serial Model: N/A

October 09, 2012
Report No.: 12020745-FCC-H1
(This report supersedes NONE)



Modifications made to the product : None

This Test Report is Issued Under the Authority of:		
Ray. Zhao	Alex. Liu	
Ray Zhao **Compliance Engineer**	**Alex Liu** **Technical Manager**	

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Test result presented in this test report is applicable to the representative sample only.

RF Exposure Report

To: FCC 2.1091: 2012

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Laboratory Introduction

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Accreditations for Conformity Assessment

Country/Region	Accreditation Body	Scope
USA	FCC, A2LA	EMC , RF/Wireless , Telecom
Canada	IC, A2LA, NIST	EMC, RF/Wireless , Telecom
Taiwan	BSMI , NCC , NIST	EMC, RF, Telecom , Safety
Hong Kong	OFTA , NIST	RF/Wireless ,Telecom
Australia	NATA, NIST	EMC, RF, Telecom , Safety
Korea	KCC/RRA, NIST	EMI, EMS, RF , Telecom, Safety
Japan	VCCI, JATE, TELEC, RFT	EMI, RF/Wireless, Telecom
Mexico	NOM, COFETEL, Caniety	Safety, EMC , RF/Wireless, Telecom
Europe	A2LA, NIST	EMC, RF, Telecom , Safety

Accreditations for Product Certifications

Country/Region	Accreditation Body	Scope
USA	FCC TCB, NIST	EMC , RF , Telecom
Canada	IC FCB , NIST	EMC , RF , Telecom
Singapore	iDA, NIST	EMC , RF , Telecom
EU	NB	EMC & R&TTE Directive
Japan	MIC, (RCB 208)	RF , Telecom
Hong Kong	OFTA (US002)	RF , Telecom

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CONTENTS

1. EXECUTIVE SUMMARY & EUT INFORMATION

The purpose of this test programme was to demonstrate compliance of the SHENZHEN QI SHENGLONG INDUSTRIALIST CO.,LTD Bluetooth Wireless Stereo Speaker and model: MA-825-B against the current Stipulated Standards. The Bluetooth Wireless Stereo Speaker has demonstrated compliance with the FCC 2.1091: 2012.

EUT Information

EUT Description	:	**Bluetooth Wireless Stereo Speaker**
Main Model	:	**MA-825-B**
Serial Model	:	**N/A**
Antenna Gain	:	**0 dBi**
Input Power	:	**Li-ion Battery: Charge Limit: 5.0Vdc Voltage: 3.7V, 800mAh**
Classification Per Stipulated Test Standard	:	**FCC 2.1091: 2012**

2. TECHNICAL DETAILS

Purpose	**Compliance testing of Bluetooth Wireless Stereo Speaker with stipulated standard**
Applicant / Client	**SHENZHEN QI SHENGLONG INDUSTRIALIST CO.,LTD 5F.,Blk 6A, Jing Nan Industry,Bai Ge long,Buji,Shenzhen,China**
Manufacturer	**DONGGUAN FEIHAO INDUSTRIALIST CO.,LTD No.8,Fengyi Road,Dakan Village,Huangjiang,DongGuan,China**
Laboratory performing the tests	**SIEMIC Nanjing (China) Laboratories NO.2-1,Longcang Dadao, Yuhua Economic Development Zone, Nanjing, China Tel:+86(25)86730128/86730129 Fax:+86(25)86730127 Email:info@siemic.com**
Test report reference number	**12020745-FCC-H1**
Date EUT received	**September 04, 2012**
Standard applied	**FCC 2.1091: 2012**
Dates of test	**September 26 to September 28, 2012**
No of Units	**#1**
Equipment Category	**DSS**
Trade Name	**N/A**
RF Operating Frequency (ies)	**2402-2480MHz**
Number of Channels	**79 CH**
Modulation	**GFSK**
FCC ID	**Y56QSLMA825B**

3. MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FCC §2.1091 - MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Applicable Standard

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to §1.1310 and §2.1091 RF exposure is calculated.

Limits for General Population/Uncontrolled Exposure:

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	**Electric Field Strength (V/m)**	**Magnetic Field Strength (A/m)**	**Power Density (mW/cm^2)**	**Averaging Time (minutes)**
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*($180/f^2$)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

f = frequency in MHz
* = Plane-wave equivalent power density

Test Data

Predication of MPE limit at a given distance

$$S = \frac{PG}{4\pi R^2}$$

Where: S = power density (in appropriate units, e.g. mW/cm2)
P = power input to the antenna (in appropriate units, e.g., mW).
G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain.
R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

Prediction distance: >20 (cm)

Antenna Gain (Bluetooth): 0 (dBi)

Frequency (MHz)	Output power(dBm)	Output power(mW)	Power Density (mW/cm2)	limit (mW/cm2)	Result
2402	-5.14	0.306	0.000061	1.0	PASS
2441	-4.69	0.340	0.000077	1.0	PASS
2480	-4.54	0.352	0.000070	1.0	PASS

Result: Pass