

FCC TEST REPORT

FCC ID: 2ABKAP137

Product : BLUETOOTH SPEAKER

Model Name : P137L 、 P137LL,、 P137J、 P126L、 P178L

Brand : N/A

Report No. : PTS802048160809E-FC03

Prepared for

Leaderwave Electronics (H.K.) Ltd
RM811, HENG NGAI JEWELRY CENTER,4 HOK YUEN STREET EAST, ,
HUNGHOM, KOWLOON, HK

Prepared by

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TEST RESULT CERTIFICATION

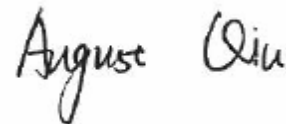
Applicant's name : Leaderwave Electronics (H.K.) Ltd
Address : RM811, HENG NGAI JEWELRY CENTER,4 HOK YUEN STREET EAST,
HUNGHOM, KOWLOON, HK
Manufacture's name : Dongguan QingXI Leaderwave Electronics Technology Company
Limited
Address : 3RD INDUSTRIAL DISTRICT , QINGXI TOWN , DONGGUAN ,
GUANGDONG , CHINA
Product name : BLUETOOTH SPEAKER
Model name : P137L 、 P137LL,, P137J、 P126L、 P178L
Standards : FCC CFR47 Part 15 Section 15.247
Test procedure : ANSI C63.10:2013, DA 00-705
Test Date : Aug. 20, 2016 ~Aug.24, 2016
Date of Issue : Aug.25, 2016
Test Result : Pass

This device described above has been tested by PTC, 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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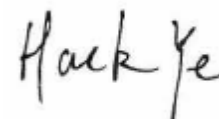
Testing Engineer

August Qiu



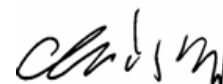
Technical Manager

Hack Ye



Authorized Signatory

Chris Du





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2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	1.1307(b)(1)	PASS
Remark:		
N/A: Not Applicable		



3 General Information

3.1 General Description of E.U.T.

Product Name : BLUETOOTH SPEAKER

Model Name : P137L , P137LL,, P137J, P126L, P178L

Model Description : N/A

Bluetooth Version : V4.0(With BLE+EDR)

Operating frequency : For BT (EDR)
2402-2480MHz,79channels
For BLE
2402-2480MHz,40channels

Antenna installation: : Integrated Antenna

Antenna Gain: : 0dBi

The lowest oscillator: : 26MHz

Type of Modulation : GFSK, Pi/4DQPSK, 8DPSK

Power supply : Input: AC AC230/50MHz Output: DC 15V/3A

4 RF Exposure

Test Requirement : FCC Part 1.1307

Evaluation Method : KDB 447498 D01 General RF Exposure Guidance v05

4.1 Requirements

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances \leq 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR where}$$

f(GHz)] \leq 3.0 for 1-g SAR and \leq 7.5 for 10-g extremity SAR where

1. f(GHz) is the RF channel transmit frequency in GHz
2. Power and distance are rounded to the nearest mW and mm before calculation
3. The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is \leq 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is $<$ 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

4.2 The procedures / limit

Item	Frequency (GHz)	Conducted Peak power(dBm)	Conducted Peak power(mW)	Source-based time-averaged maximum conducted output power(mW)	Minimum test separation distance required for the exposure conditions (mm)	SAR Test Exclusion Thresholds
EDR	2.441	2.25	1.679	1.679	5	0.525
BLE	2.442	3.33	2.153	2.153	5	0.673

Remark:

Max. duty factor is 100%

Calculation formula: Source-based time-averaged maximum conducted output power(mW) =Conducted peak power(mW)*Duty factor

*******THE END REPORT*******