FCC TEST REPORT
FCC ID:2AFMAY37

Product Name	:	Bluetooth speaker
Model Name	:	Y37-SP3144
Brand	:	N/A
Report No.	:	PT800935160408E-FC02

Prepared for

SHANTOU YESTE ELECTRONIC AND TECHNOLOGY CO.,LTD

Yeste Industrial Zone, Heping Town,Chaoyang Disctric,

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Prepared by

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TEST RESULT CERTIFICATION

Applicant's name	:	SHANTOU YESTE ELECTRONIC AND TECHNOLOGY CO.,LTD
Address	:	Yeste Industrial Zone, Heping Town,Chaoyang Disctric,Shantou City,Guangdong, China
Manufacture's name	:	SHANTOU YESTE ELECTRONIC AND TECHNOLOGY CO.,LTD
Address	:	Yeste Industrial Zone, Heping Town,Chaoyang Disctric,Shantou City,Guangdong, China
Product name	:	Bluetooth speaker
Model name	:	Y37-SP3144
Standards	:	FCC CFR47 Part 15 Section 15.247
Test procedure		ANSI C63.10:2013, DA 00-705
Test Date	:	Apr. 18, 2016 ~ Apr.24, 2016
Date of Issue	:	Apr.25, 2016
Test Result	:	Pass

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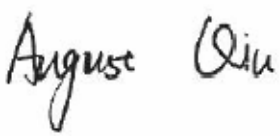
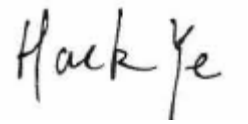
Testing Engineer

August Qiu



Technical Manager

Hack Ye



Authorized Signatory

Chris Du

Contents

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	:	Y37-SP3144
Model Description	:	N/A
Bluetooth Version	:	V3.0
Operating frequency	:	2402-2480MHz,79channels
Antenna installation:	:	Integrated Antenna
Antenna Gain:	:	0dBi
The lowest oscillator:	:	26MHz
Type of Modulation	:	GFSK, Pi/4DQPSK, 8DPSK
Power supply	:	DC 3.7V 300mAh Power by battery, DC 5V 500mA charging by USB port

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 ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√ f(GHz)] ≤3.0 for 1-g SAR and ≤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 ≤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	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(mW)
BT(Normal)	5.0	3.16	3.16	5	9.525
Remark:					
BT: The power tune up tolerance is 4.0±1.0dBm					
Max. duty factor is 100%					
Calculation formula: Source-based time-averaged maximum conducted output power(mW) =Conducted peak power(mW)*Duty factor					

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