

FCC TEST REPORT

FCC ID: 2AIEGM9

Product Name : Wooden Bluetooth Alarm Clock Speaker

Model Name : M9, HM9, M9qi

Brand : Homtime

Report No. : PT800269160422E-FC02

Prepared for

All Best Technology Limited
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Prepared by

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TEST RESULT CERTIFICATION

Applicant's name : All Best Technology Limited
Address : Yincheng 1st Rd., Yincheng Industrial Zone, Xiabian Village, Chang'an Town, Dongguan City, Guangdong Province, China
Manufacture's name : All Best Technology Limited
Address : Yincheng 1st Rd., Yincheng Industrial Zone, Xiabian Village, Chang'an Town, Dongguan City, Guangdong Province, China
Product name : Wooden Bluetooth Alarm Clock Speaker
Model name : M9, HM9, M9qi
Standards : FCC CFR47 Part 15 Section 15.247
Test procedure : ANSI C63.10:2013, DA 00-705
Test Date : Apr .27, 2016 ~ May.18, 2016
Date of Issue : May.19, 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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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 : Wooden Bluetooth Alarm Clock Speaker

Model Name : M9, HM9, M9qi

Model Description : Only the models name is different

Bluetooth Version : V4.1 classic

Operating frequency : 2402-2480MHz, 79 channels

Antenna installation: : PCB Printed Antenna

Antenna Gain: : 0dBi

The lowest oscillator: : 26MHz

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

Power supply : AC 230V/50Hz Power by Adapter, DC 5V 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 \leq 50 mm are determined by:

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

$f(\text{GHz}) \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR where

1. $f(\text{GHz})$ 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	Max output power include tune-up tolerance (dBm)	Max output power include tune-up tolerance(mW)	Source-based time-averaged Max output power include tune-up tolerance (mW)	Minimum test separation distance required for the exposure conditions (mm)	SAR Test Exclusion Thresholds(mW)
BT	5.0	3.16	3.16	5	9.525

Remark:

BT: The power tune up tolerance is 4.0 ± 1.0 dBm

Max. duty factor is 100%

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

Max output power include tune-up tolerance

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