

FCC TEST REPORT

FCC ID: 2AIEGC12PRO

Product Name : Bluetooth Speaker System with Alarm Clock and Charging Function

Model Name : C12,C12pro,HC12,HC12pro

Brand : Homtime

Report No. : PT800268160422E-FC02

Prepared for

All Best Technology Limited
Yincheng 1st Rd., Yincheng Industrial Zone,Xiabian Village,Chang'an Town,
Dongguan City,Guangdong Province,C hina

Prepared by

DongGuan Precise Testing Service Co.,Ltd.
Building D, Baoding Technology Park, Guangming Road 2, Guangming Community
Dongcheng District, Dongguan, Guangdong, China



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 : Bluetooth Speaker System with Alarm Clock and Charging Function
Model name : C12, C12pro, HC12, HC12pro
Standards : FCC CFR47 Part 1.1307(b)(1)
Test procedure : KDB 447498 D01 General RF Exposure Guidance v06
Test Date : May. 18, 2016 ~ May. 22, 2016
Date of Issue : May. 23, 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.

This report shall not be reproduced except in full, without the written approval of PTS, this document may be altered or revised by PTS, personal only, and shall be noted in the revision of the document.

Testing Engineer

August Qiu

Technical Manager

Hack Ye

Authorized Signatory

Chris Du

Contents

	Page
2 TEST SUMMARY.....	4
3 GENERAL INFORMATION.....	5
3.1 GENERAL DESCRIPTION OF E.U.T.....	5
4 RF EXPOSURE.....	6
4.1 REQUIREMENTS.....	6
4.2 THE PROCEDURES / LIMIT.....	6



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 System with Alarm Clock and Charging Function

Model Name : C12,C12pro,HC12,HC12pro

Model Description : Only the model names and colors are different.

Bluetooth Version: : V 4.1 classic

Frequency Range: : 2402-2480MHz, 79 channels

Antenna installation: : PCB Printed Antenna

Antenna Gain: : 0dBi

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

The oscillator: : 26MHz

Power supply : Input:100-240V,50/60Hz,0.7A,Output:5V~4A

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:

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

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

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

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)
2.16	1.644	1.644	5	9.525
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*****