

FCC TEST REPORT

FCC ID: 2AIEGB11PRO

Product : Alarm Clock Radio Speaker System

Model Name : B11pro

Brand : Homtime

Report No. : PTC800261160422E-FC03

Prepared for

All Best Technology Limited
Yincheng 1st Rd., Yincheng Industrial Zone, Xiabian Village, Chang'an Town,
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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 : Alarm Clock Radio Speaker System
Model name : B11pro
Standards : FCC CFR47 Part 1.1307(b)(1)
Test procedure : KDB 447498 D01 General RF Exposure Guidance v06
Test Date : Jul. 01, 2016 ~Aug.02, 2016
Date of Issue : Aug.10, 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

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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	:	Alarm Clock Radio Speaker System
Model Name	:	B11pro
Model Description	:	N/A
Bluetooth Version	:	V4.0(With BLE)
Operating frequency	:	2402-2480MHz,79channels
Antenna installation:	:	PCB printed antenna
Antenna Gain:	:	-0.55dBi
The lowest oscillator:	:	32.768kHz
Type of Modulation	:	GFSK, Pi/4DQPSK, 8DPSK
Adapter	:	Input:AC100-240V 50~60Hz 1A Max, Output: DC 12V 3A
		The test facility has a test site registered with the following organization: 371540

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

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	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)	-0.71	0.849	0.849	5	10.0
BLE	-1.36	0.731	0.731	5	10.0
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*****