



FCC RADIO TEST REPORT

FCC ID: VIXRCD340

Product : Bluetooth Alarm Clock

Trade Name : RCA

Model Name : RCD340

Serial Model : N/A

Report No. : NTEK-2014NT10311894F2

Prepared for

Voxx Accessories Corp.

3502 Woodview Trace Suite 220 Indianapolis Indiana United states 46268

Prepared by

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TEST RESULT CERTIFICATION**Applicant's name** : Voxx Accessories Corp.

Address : 3502 Woodview Trace Suite 220 Indianapolis Indiana United states 46268

Manufacture's Name..... : Shenzhen Great Power Enterprise Co.,Ltd.

Address : Building E, Xin Xulong Industrial Area, KuKeng Village, Guanlan Town, Baoan District, Shenzhen, China

Product description

Product name : Bluetooth Alarm Clock

Model and/or type reference : RCD340

Serial Model : N/A

Standards : FCC Part 2.1091

Test procedure KDB 447498: February 7, 2014

This device described above has been tested by NTEK, 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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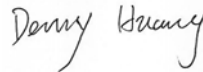
Date of Test

Date (s) of performance of tests : 31 Oct. 2014 ~14 Nov. 2014

Date of Issue..... : 14 Nov. 2014

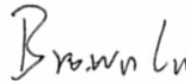
Test Result..... : **Pass**

Testing Engineer :



Denny Huang

Technical Manager :



(Brown Lu)

Authorized Signatory :



(Bill Yao)

RF Exposure Evaluation Method

SAR Test Exclusion Thresholds for 100 MHz - 6 GHz and ≤ 50 mm

Approximate SAR Test Exclusion Power Thresholds at Selected Frequencies and Test Separation Distances are illustrated in the following Table.

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:

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

Power and distance are rounded to the nearest mW and mm before calculation

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.

Maximum measured transmitter power.

BT 3.0

1Mbps			
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)
CH00	2402	3.675	2.331
CH39	2441	3.691	2.339
CH78	2480	4.966	3.138
2Mbps			
CH00	2402	3.454	2.215
CH39	2441	3.627	2.305
CH78	2480	4.900	3.090
3Mbps			
CH00	2402	3.725	2.358
CH39	2441	3.650	2.317
CH78	2480	4.849	3.054

Remark: The best case gain of the antenna is 1.0dBi.

1.0 dBi logarithmic terms convert to numeric result is nearly 1.26

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:

$$\left[\frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \right] \cdot \left[\sqrt{f(\text{GHz})} \right]$$

Test Channel	Tune-up Maximum power (dBm)	Range	tune up max power (dBm)	[(max. power of channel, including tune-up tolerance, mW)	(min. test separation distance, mm)]	[f(GHz)]	Result	Limit
CH00	4+/-1	3~5	5	3.16	5	2.402	0.979	3
CH39	4+/-1	3~5	5	3.16	5	2.441	0.987	3
CH78	4+/-1	3~5	5	3.16	5	2.48	0.995	3

The test Result is less than 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

Conclusion: No SAR is required.