FCC RADIO TEST REPORT

FCC ID: VIXRC350

Product：	Bluetooth Alarm Clock Radio
Trade Name：	RCA
Model Name：	RC350
Serial Model：	RC345
Report No.：	NTEK-2014NT11101949F2

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 Radio
Model and/or type reference	:	RC350
Serial Model：		RC345
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	:	10 Nov. 2014 ~17 Nov. 2014
Date of Issue	:	17 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:
[(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
f(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	1.988	1.581
CH39	2441	2.734	1.877
CH78	2480	2.461	1.762
2Mbps			
CH00	2402	1.625	1.454
CH39	2441	2.165	1.646
CH78	2480	2.282	1.691
3Mbps			
CH00	2402	2.163	1.646
CH39	2441	2.616	1.826
CH78	2480	2.631	1.833

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:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance,mm)] • [√f(GHz)]

Test Channel	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	1~3	3	2.00	5	2.402	0.620	3
CH39	1~3	3	2.00	5	2.441	0.625	3
CH78	1~3	3	2.00	5	2.48	0.630	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.