

FCC RADIO TEST REPORT FCC ID: VIXRC350

Product :Bluetooth Alarm Clock RadioTrade Name :RCAModel Name :RC350Serial Model :RC345Report No. :NTEK-2014NT11101949F2

Prepared for

Voxx Accessories Corp.

3502 Woodview Trace Suite 220 Indianapolis Indiana United states 46268

Prepared by

NTEK Testing Technology Co., Ltd. 1/F, Building E, Fenda Science Park, Sanwei Community,Xixiang Street Bao'an District, Shenzhen P.R. China Tel.: +86-0755-61156588 Fax.: +86-0755-61156599 Website:www.ntek.org.cn



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 447	498: February 7, 2014			
This device described above ha equipment under test (EUT) is in to the tested sample identified in	is been tes n compliar n the repoi	sted by NTEK, and the test results show that the nce with the FCC requirements. And it is applicable only rt.			
This report shall not be reproduct document may be altered or rev the document. Date of Test	ced excep rised by N ⁻	t in full, without the written approval of NTEK, this TEK, personal only, and shall be noted in the revision of			
Date (s) of performance of tests	:	10 Nov. 2014 ~17 Nov. 2014			
Date of Issue	:	17 Nov. 2014			
Test Result	:	Pass			
Testing Engineer :		Danny Grang			
		Denny Huang			
Technical Manager :		Srown Cu			
		(Brown Lu)			
Authorized Signatory :		Bin			
		(Bill Yao)			



RF Exposure Evaluation Method

SAR Test Exclusion Thresholds for 100 MHz $\,$ - $\,$ 6 GHz and $\,$ \leq 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 \leq 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance,

mm)] • [\checkmark f(GHz)] $\,\leqslant\,$ 3.0 for 1-g SAR and $\,\leqslant\,$ 7.5 for 10-g extremity SAR,where

 $f(\mbox{GHz})$ 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	Peak Output Power	Peak Output Power						
	(MHz)	(dBm)	(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 \leq 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 \leq 7.5 for 10-g extremity SAR.

Conclusion: No SAR is required.