RF Exposure Evaluation Report

APPLICANT	:	Rooti Labs Limited
EQUIPMENT	:	Bluetooth-Enabled Environment Tracker
BRAND NAME	:	rooti
MODEL NAME	:	CliMate
FCC ID	:	2ACVP-E1-2014
STANDARD	:	47 CFR Part 2.1093 FCC KDB 447498 D01 v05r02

We, SPORTON INTERNATIONAL INC., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1093, and pass the limit. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by: Eric Huang / Deputy Manager

Approved by: Jones Tsai / Manager

Testing Laboratory
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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA471708	Rev. 01	Initial issue of report	Aug. 15, 2014

1. Administration Data

Testing Laboratory	
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Applicant	
Company Name	Rooti Labs Limited
Address	Floor 4, Willow House, Cricket Square, P O Box 2804, Grand Cayman KY1-1112, Cayman Islands

Manufacturer	
Company Name	Rooti Labs Limited
Address	Floor 4, Willow House, Cricket Square, P O Box 2804, Grand Cayman KY1-1112, Cayman Islands

2. General Information

2.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	Bluetooth-Enabled Environment Tracker
Brand Name	rooti
Model Name	CliMate
FCC ID	2ACVP-E1-2014
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	Bluetooth v4.0-LE
Antenna Type	Chip Antenna
HW Version	FP
SW Version	1.0.108
DUT Stage	Production Unit

3. Maximum RF output power among production units

Mode / Band	Bluetooth
	BT4.0-LE
2.4GHz Bluetooth	-2.0

4. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
-2.0	1.00	< 5	2.48	0.31

Note:

1. Per KDB 447498 D01v05r02, 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

   - 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

Conclusion: Per KDB 447498 D01v05r02, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 0.31 which is <= 3, SAR testing is not required.