



FCC Part 1 Subpart I  
FCC Part 2 Subpart J

**RF EXPOSURE REPORT**

**FOR**

**WIRELESS HEADPHONE**

**MODEL NUMBER: CID1014**

**FCC ID: 2AP8W-CID1014**

**REPORT NUMBER: 12354639-E3V1**

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*Prepared for*  
**RED ROVER TECHNOLOGIES, INC**  
237 A ST #15467  
SAN DIEGO  
CA 92101-4003, U.S.A

*Prepared by*  
**UL VERIFICATION SERVICES INC.**  
47173 BENICIA STREET  
FREMONT, CA 94538, U.S.A.  
TEL: (510) 771-1000  
FAX: (510) 661-0888

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	08/08/2018	Initial Issue	--
V2	08/14/2018	Removed references to ISED Canada	Steven Tran

## TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS .....	4
2. TEST METHODOLOGY .....	5
3. REFERENCES .....	5
4. FACILITIES AND ACCREDITATION .....	5
5. DEVICE UNDER TEST .....	5
6. MAXIMUM OUTPUT POWER .....	5
7. STANDALONE SAR TEST EXCLUSION CONSIDERATIONS .....	6
7.1. FCC .....	6

## 1. ATTESTATION OF TEST RESULTS

**COMPANY NAME:** RED ROVER TECHNOLOGIES, INC.  
237 A ST #15467  
SAN DIEGO, CA 92101-1003, U.S.A

**EUT DESCRIPTION:** WIRELESS HEADPHONE

**MODEL:** CID1014

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 1 SUBPART I & PART 2 SUBPART J	Complies

UL Verification Services Inc. calculated the RF Exposure of the above equipment in accordance with the requirements set forth in the above standards, using test results reported in the test report documents referenced below and/or documentation furnished by the applicant. All indications of Pass/Fail in this report are opinions expressed by UL Verification Services Inc. based on interpretations of these calculations. The results show that the equipment is capable of demonstrating compliance with the requirements as documented in this report.

**Note:** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Approved & Released For  
UL Verification Services Inc. By:

Prepared By:



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FRANK IBRAHIM  
OPERATIONS LEADER  
UL Verification Services Inc.



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JASON QIAN  
TEST ENGINEER  
UL Verification Services Inc.

## 2. TEST METHODOLOGY

All calculations were made in accordance with FCC KDB 447498.

## 3. REFERENCES

All measurements were made as documented in test report UL Verification Services Inc. Document 12354639-E1V1 for operation in the 2.4 GHz bands BT and UL Verification Services Inc. Document 12354639-E2V1 for operation in the 2.4 GHz band BLE.

Output power, Duty cycle and Antenna gain data is excerpted from the applicable test reports.

## 4. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, Fremont, California, USA.

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at <http://nist.gov/standards/scopes/2000650.htm>.

## 5. DEVICE UNDER TEST

The EUT is a Wireless Headphone with radios BT operating in the frequency range of 2402 to 2480 MHz and BLE operating in the frequency range of 2402 to 2480MHz. The user to antenna separation distance is 0mm.

## 6. MAXIMUM OUTPUT POWER

The maximum output power of the device is declared as the following:

BLE = 2.5 dBm  $\pm$ 1dB; Antenna Gain: 2.2dBi

BT = 1.5 dBm  $\pm$ 2dB; Antenna Gain: 2.2dBi

## 7. STANDALONE SAR TEST EXCLUSION CONSIDERATIONS

### 7.1. FCC

SAR test exclusion in accordance with KDB 447498 D01 v06.

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  $\leq 7.5$  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

This test exclusion is 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.

**SAR Exclusion Calculation Table for Portable Devices (Separation distance  $< 50$ mm)**

Tx	Frequency (MHz)	Max Output power		Duty Cycle	Max Output Power with Duty factor correction (mW)	Separation distances (mm)	Calculated Threshold Value
		dBm	mW				
BLE	2480	3.5	2	100%	2	5	0.6

Tx	Frequency (MHz)	Max Output power		Duty Cycle	Max Output Power with Duty factor correction (mW)	Separation distances (mm)	Calculated Threshold Value
		dBm	mW				
BT	2480	3.5	2	100%	2	5	0.6

#### Conclusion:

The device operates with a maximum Duty Cycle of 100%. The Calculated Threshold with duty cycle applied is  $\leq 3$  for 1-g SAR and  $\leq 7$  for 10-g extremity SAR; therefore, this device qualifies for Standalone SAR test exclusion.

**END OF REPORT**