



SETUP PHOTOS REPORT

Report Number. : R12875567R-EP1

Applicant : Bose Corporation
100 The Mountain
Framingham, MA 01701, USA

Model : BL2R

FCC ID : A94BL2R

IC : 3232A-BL2R

EUT Description : Wireless Headset

Test Standard(s) : FCC 47 CFR PART 15 SUBPART C
ISED RSS-247 ISSUE 2
ISED RSS-GEN ISSUE 5

Date Of Issue:
2019-06-07

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REPORT REVISION HISTORY

Ver.	Issue Date	Revisions	Revised By
1	2019-06-07	Initial Issue	Brian T. Kiewra

TABLE OF CONTENTS

REPORT REVISION HISTORY	2
TABLE OF CONTENTS	3
1. ATTESTATION OF TEST RESULTS	Error! Bookmark not defined.
2. TEST METHODOLOGY	Error! Bookmark not defined.
3. FACILITIES AND ACCREDITATION	Error! Bookmark not defined.
4. CALIBRATION AND UNCERTAINTY	Error! Bookmark not defined.
4.1. <i>MEASURING INSTRUMENT CALIBRATION</i>	<i>Error! Bookmark not defined.</i>
4.2. <i>SAMPLE CALCULATION</i>	<i>Error! Bookmark not defined.</i>
4.3. <i>MEASUREMENT UNCERTAINTY</i>	<i>Error! Bookmark not defined.</i>
5. EQUIPMENT UNDER TEST	4
5.1. <i>EUT DESCRIPTION</i>	4
5.2. <i>MAXIMUM OUTPUT POWER</i>	<i>Error! Bookmark not defined.</i>
5.3. <i>DESCRIPTION OF AVAILABLE ANTENNAS</i>	<i>Error! Bookmark not defined.</i>
5.4. <i>SOFTWARE AND FIRMWARE</i>	<i>Error! Bookmark not defined.</i>
5.5. <i>WORST-CASE CONFIGURATION AND MODE</i>	4
5.6. <i>DESCRIPTION OF TEST SETUP</i>	4
6. MEASUREMENT METHOD.....	Error! Bookmark not defined.
7. TEST AND MEASUREMENT EQUIPMENT	Error! Bookmark not defined.
8. ANTENNA PORT TEST RESULTS	Error! Bookmark not defined.
8.1. <i>ON TIME AND DUTY CYCLE</i>	<i>Error! Bookmark not defined.</i>
8.2. <i>99% BANDWIDTH</i>	<i>Error! Bookmark not defined.</i>
8.3. <i>6 dB BANDWIDTH</i>	<i>Error! Bookmark not defined.</i>
8.4. <i>OUTPUT POWER</i>	<i>Error! Bookmark not defined.</i>
8.5. <i>AVERAGE POWER</i>	<i>Error! Bookmark not defined.</i>
8.5.1. <i>BLE (1Mbps)</i>	<i>Error! Bookmark not defined.</i>
8.6. <i>POWER SPECTRAL DENSITY</i>	<i>Error! Bookmark not defined.</i>
8.7. <i>CONDUCTED SPURIOUS EMISSIONS</i>	<i>Error! Bookmark not defined.</i>
9. RADIATED TEST RESULTS.....	Error! Bookmark not defined.
9.1. <i>LIMITS AND PROCEDURE</i>	<i>Error! Bookmark not defined.</i>
9.2. <i>TRANSMITTER ABOVE 1 GHz</i>	<i>Error! Bookmark not defined.</i>
9.3. <i>WORST CASE BELOW 30MHZ</i>	<i>Error! Bookmark not defined.</i>
9.4. <i>WORST CASE BELOW 1 GHZ</i>	<i>Error! Bookmark not defined.</i>
9.5. <i>WORST CASE 18-26 GHZ</i>	<i>Error! Bookmark not defined.</i>
10. SETUP PHOTOS	6
END OF TEST REPORT	10

1. EQUIPMENT UNDER TEST

1.1. EUT DESCRIPTION

The EUT is a right earbud of a wireless headset with a BT/BLE transceiver.

1.2. WORST-CASE CONFIGURATION AND MODE

The EUT only transmits while battery powered therefore powerline conducted emissions were not performed.

Radiated emissions below 1GHz and above 18GHz were performed with the EUT set to transmit at the channel with highest output power and PSD as worst-case scenario.

Band edge and radiated emissions between 1GHz and 18GHz were performed with the EUT set to transmit at the highest power on low, middle, and high channels.

The fundamental of the EUT was investigated in three orthogonal orientations X,Y,Z, it was determined that Y orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in Y orientation.

1.3. DESCRIPTION OF TEST SETUP

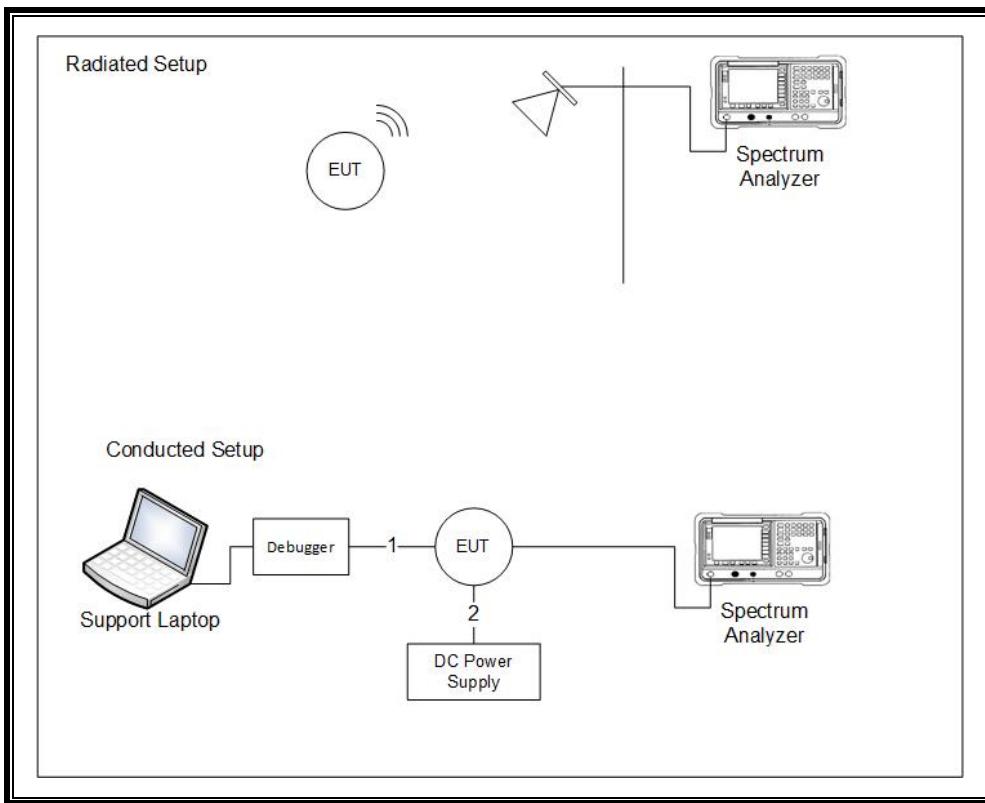
SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Laptop	Lenovo	L470	PF0ZV66P	NA
Debugger	Qualcomm	TRBI 200	N171219	NA

I/O CABLES

I/O Cable List						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	I/O	1	Hardwired	Single strand	<1m	For testing purposes only. Connects to laptop through debugger for configuration.
2	DC	1	hardwired	Single strand	<3m	For testing purposes only. Provides DC power.

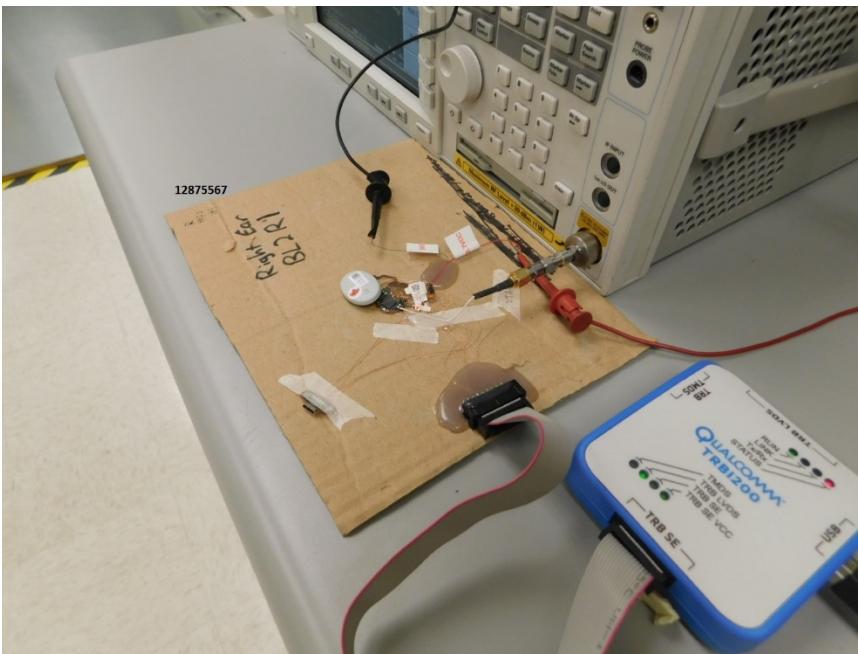
SETUP DIAGRAMS



2. SETUP PHOTOS

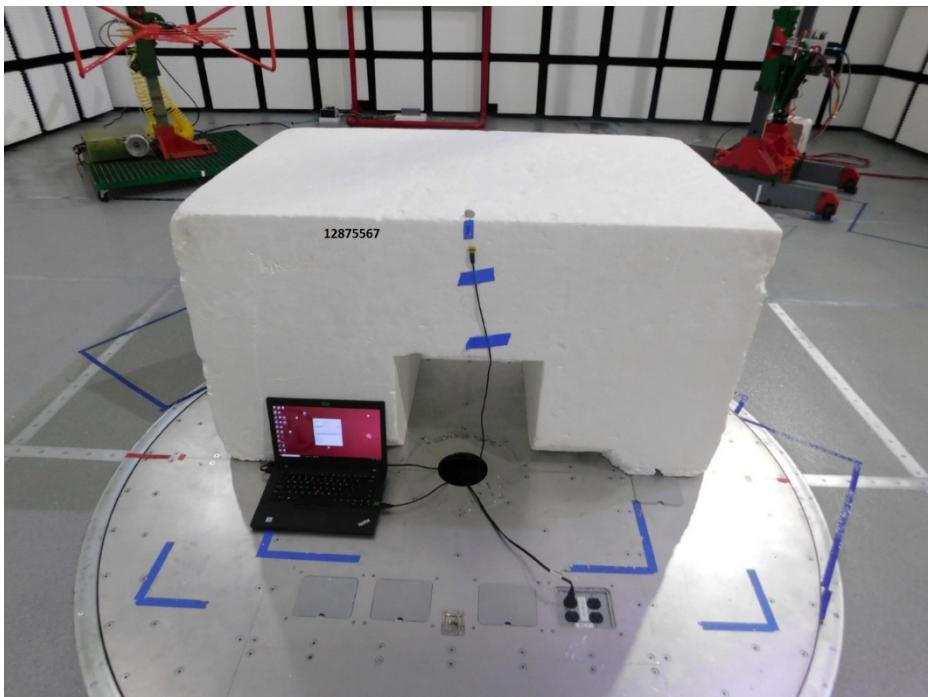
ANTENNA PORT CONDUCTED RF MEASUREMENT SETUP

ANTENNA PORT CONDUCTED PHOTO

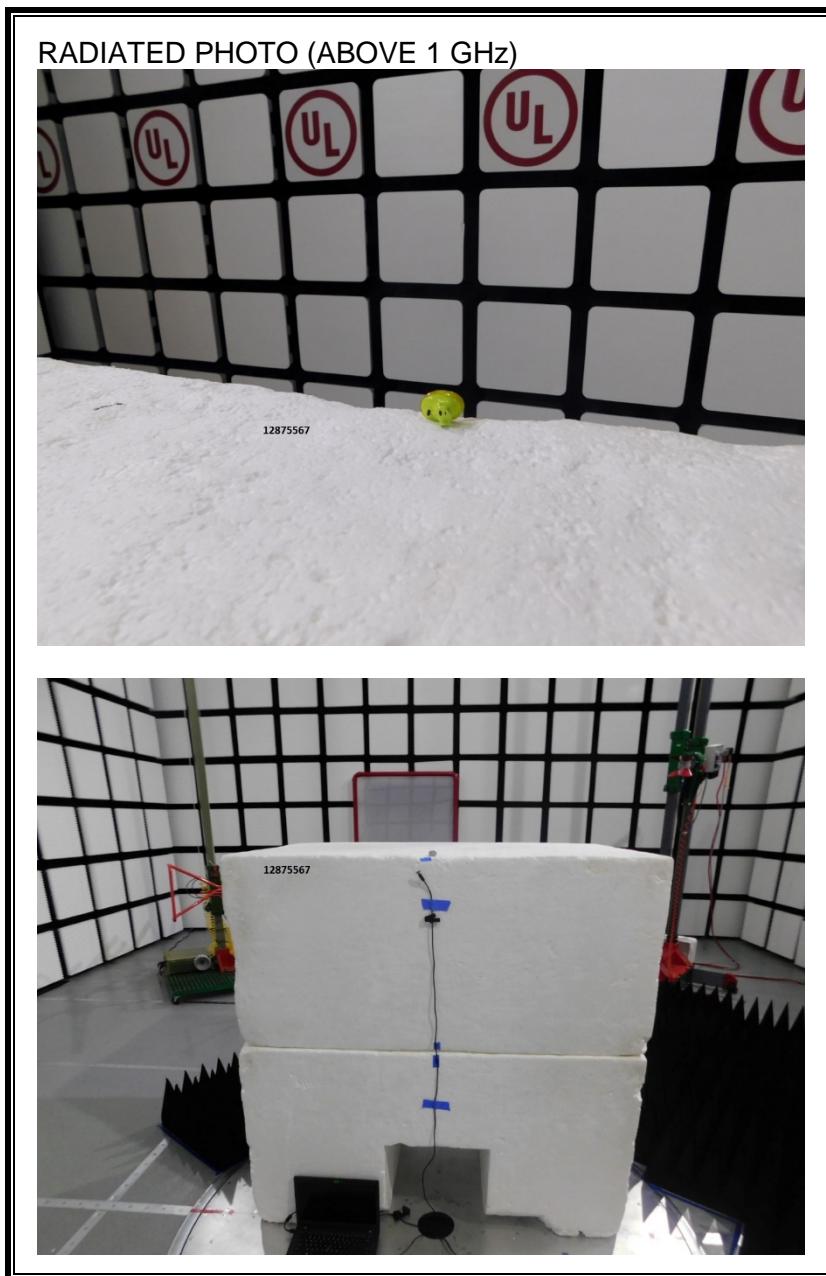


RADIATED RF MEASUREMENT SETUP (BELOW 1 GHz)

RADIATED PHOTO (BELOW 1 GHz)



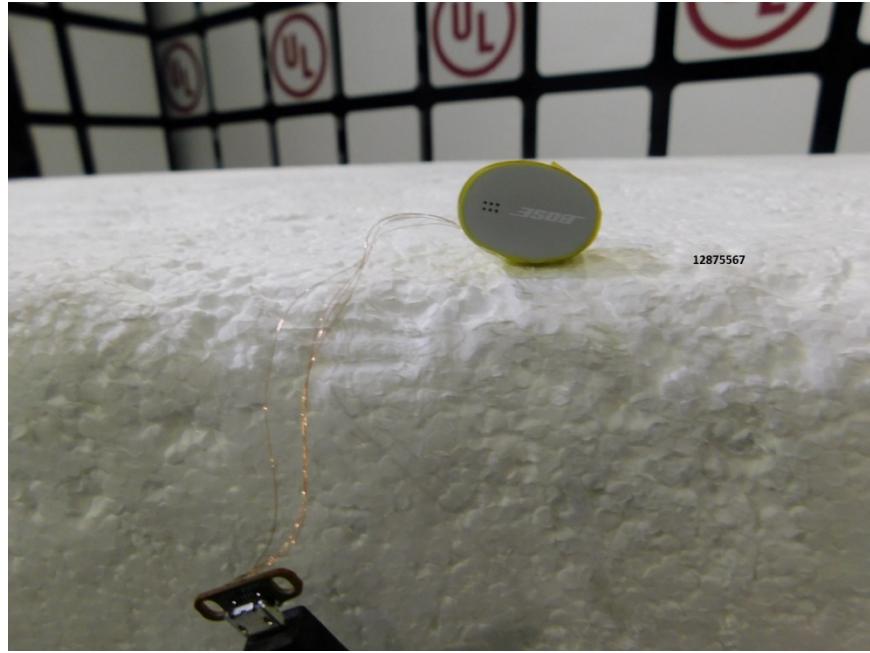
RADIATED RF MEASUREMENT SETUP (ABOVE 1 GHz)

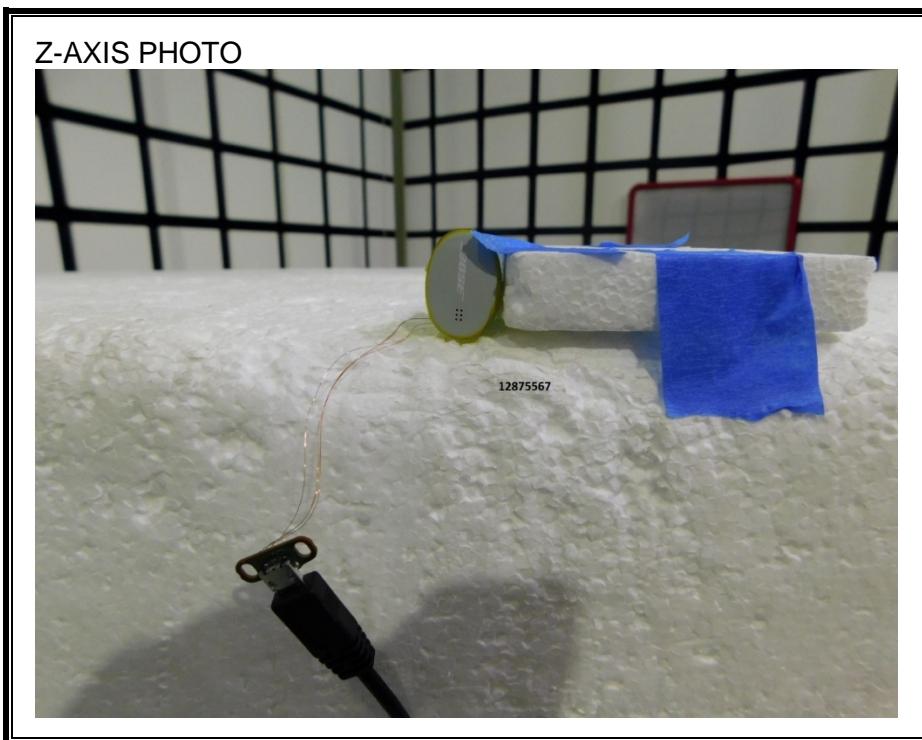


X-AXIS PHOTO



Y-AXIS PHOTO





END OF TEST REPORT