SETUP PHOTOS REPORT

Report Number: R12875567L-EP1

Applicant	:	Bose Corporation 100 The Mountain Framingham, MA 01701, USA
Model	:	BL2L
FCC ID	:	A94BL2L
IC	:	3232A-BL2L
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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NVLAP Lab code: 200246-0

REPORT REVISION HISTORY

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

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1. EQUIPMENT UNDER TEST

1.1. EUT DESCRIPTION

The EUT is a left 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 Z orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in Z orientation.

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.

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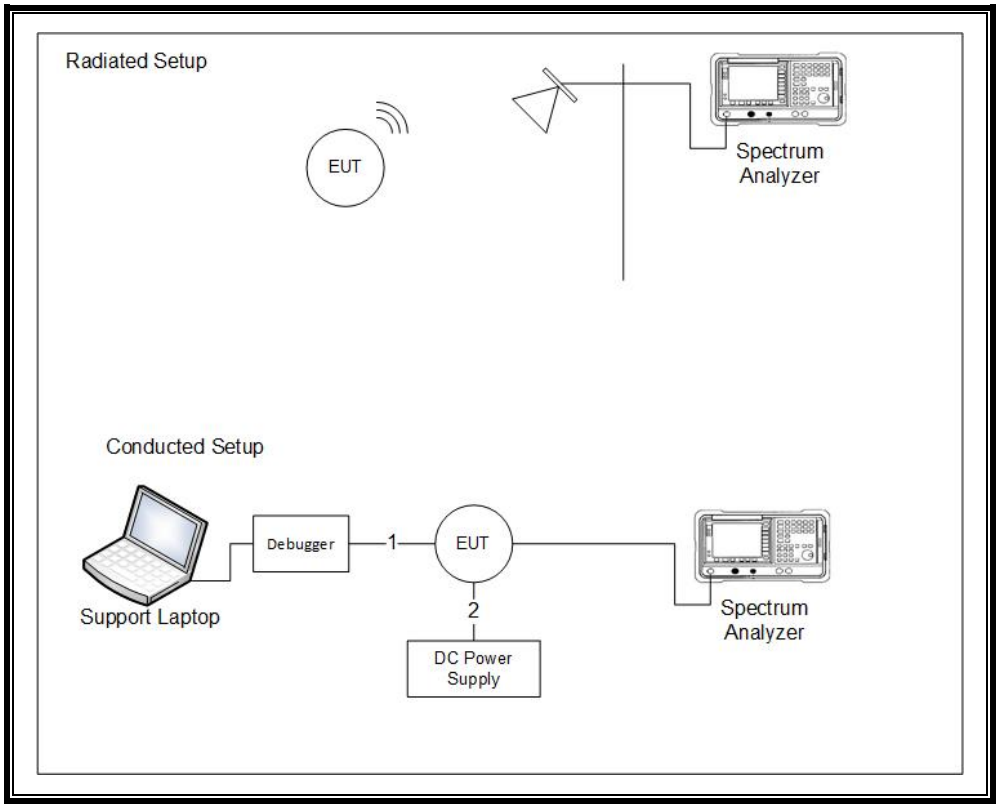
SETUP DIAGRAMS



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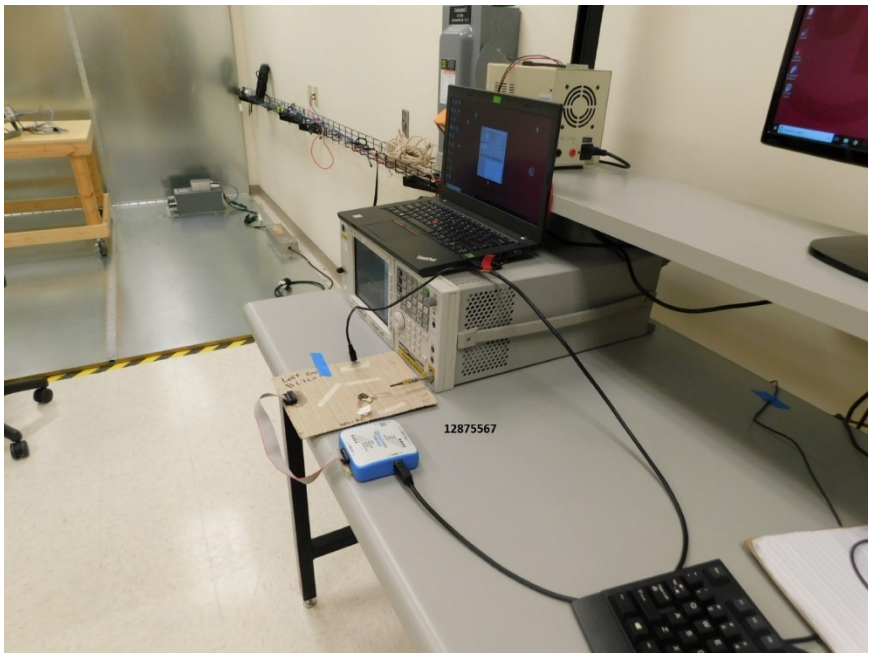
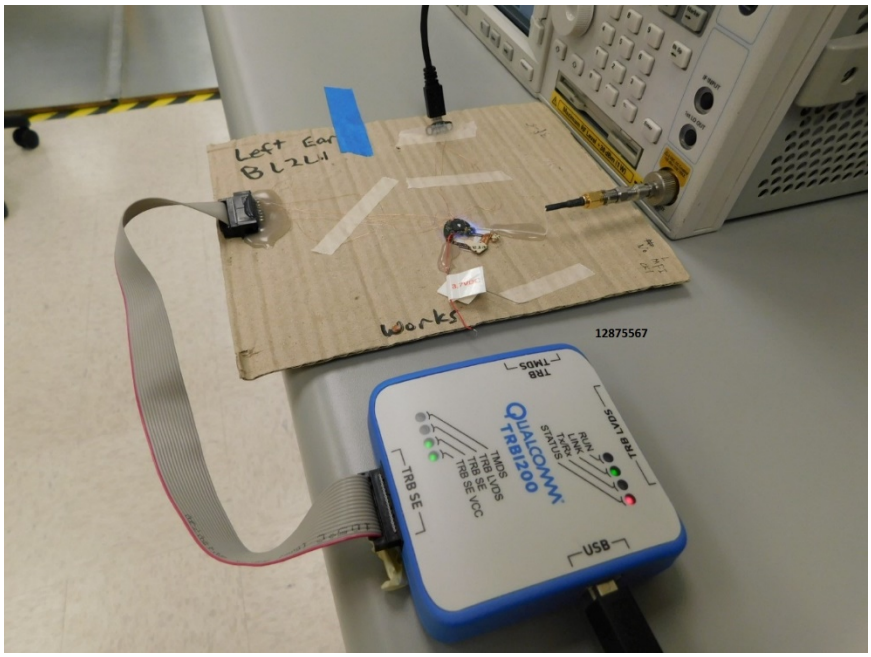
2. SETUP PHOTOS

ANTENNA PORT CONDUCTED RF MEASUREMENT SETUP

ANTENNA PORT CONDUCTED PHOTO





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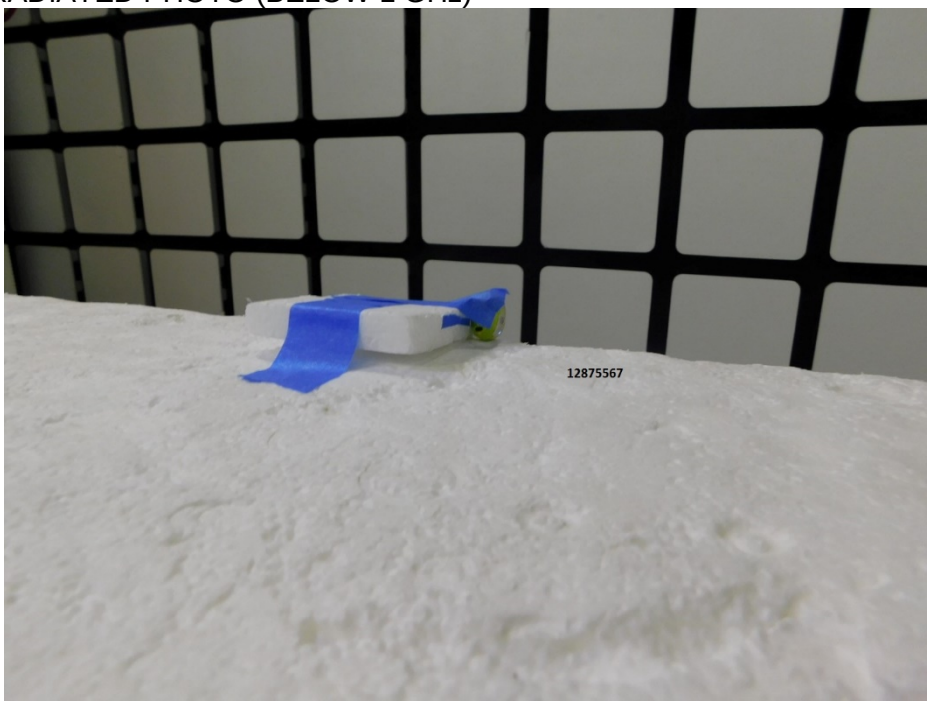
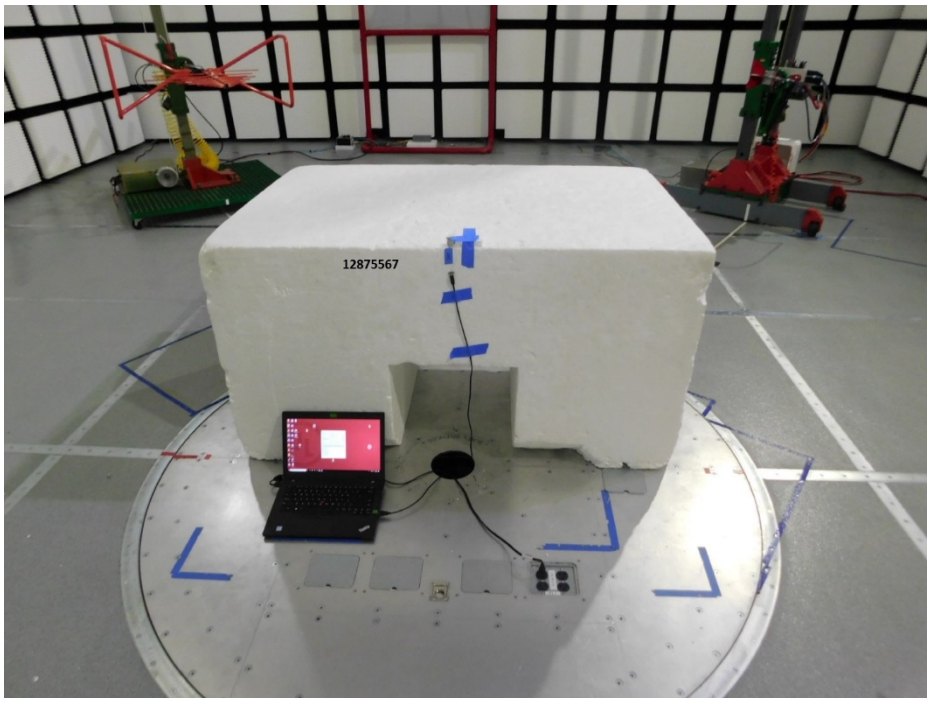
RADIATED RF MEASUREMENT SETUP (BELOW 1 GHz)

RADIATED PHOTO (BELOW 1 GHz)





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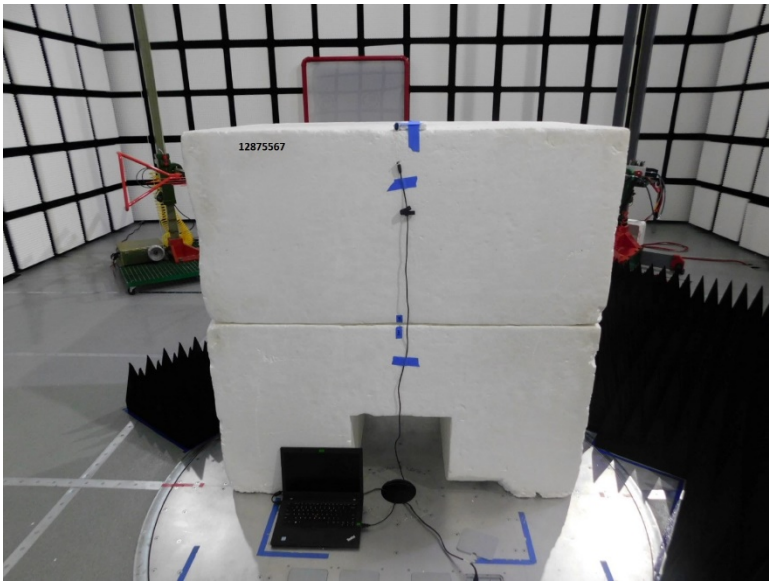
RADIATED RF MEASUREMENT SETUP (ABOVE 1 GHz)

RADIATED PHOTO (ABOVE 1 GHz)



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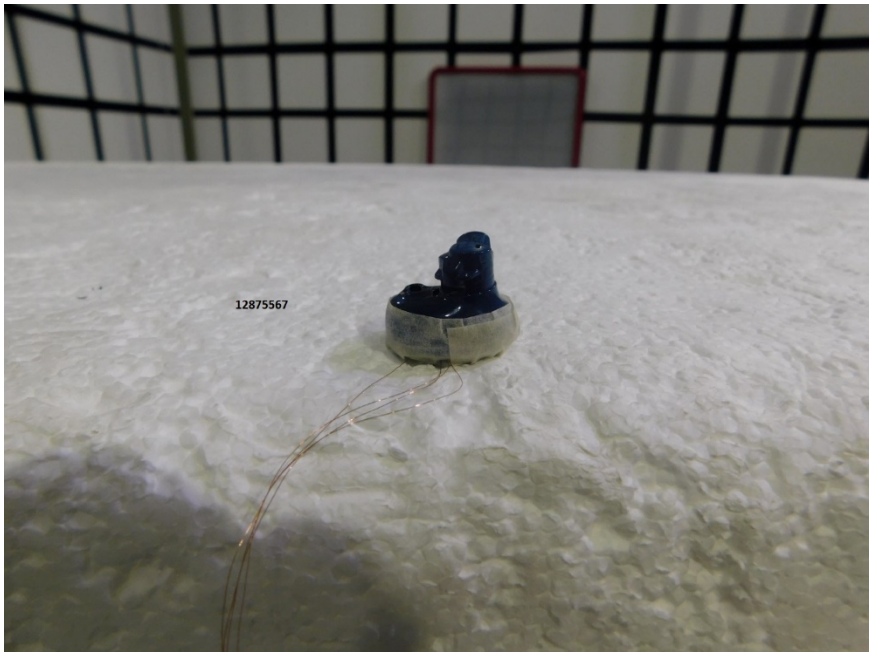
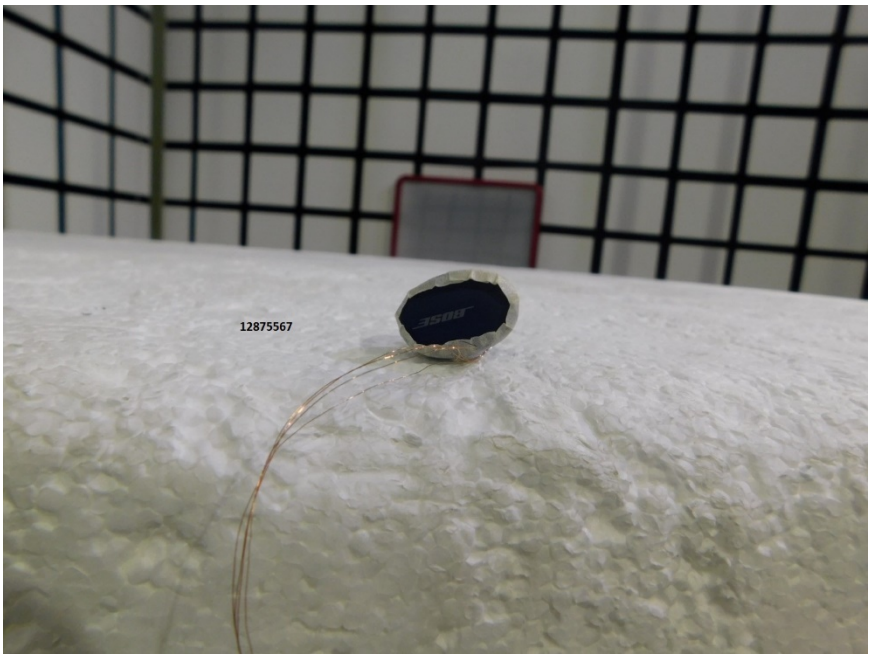
X-AXIS PHOTO



Y-AXIS PHOTO



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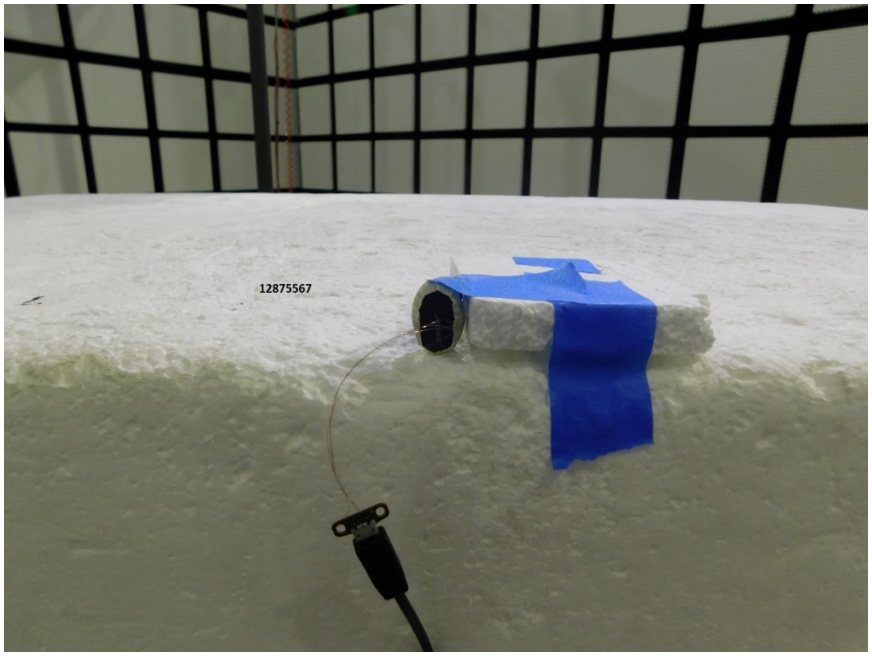
Z-AXIS PHOTO



END OF REPORT

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