



PRODUCT ASSURANCE ENGINEERING

A94440108 Test Setup Photos

Short Term Confidential



Test setup photos:

Product Type: Wireless Headphones

Product Name/Number: Model Number(s): 440108
FCC ID: A94440108
IC: 3232A-440108

Prepared For: Product Assurance Engineering Department,
Bose Corporation

Postal Address of manufacturing Agency: The Mountain
Framingham, MA 01701
USA



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AC Conducted mains Emissions.



Power Supply Used:



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Radiated Emissions 30 to 1GHz



Photos showing EUT orientations with worst case orientations.

Bluetooth mode:

Worstcase EUT lying flat without cables attached.



AUX input mode:

Worstcase EUT lying flat with all cables connected.





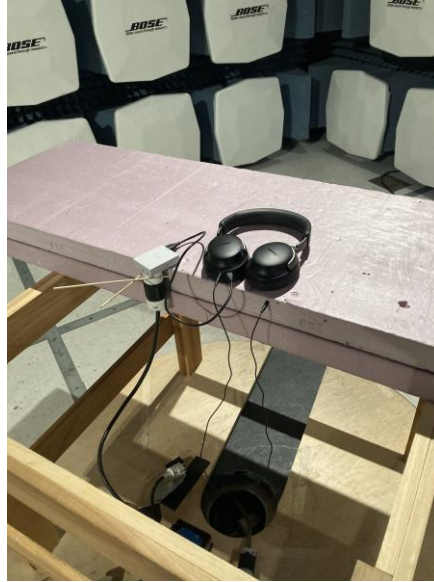
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Charging Mode:

Worstcase EUT lying flat with USBC cable connected to charging supply.
AUX input cable input populated.



Charging power supply used:





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Other orientations tested for radiated emissions 30 MHz to 1 GHz

On foam head in normal upright position, no cables connected, Bluetooth mode,



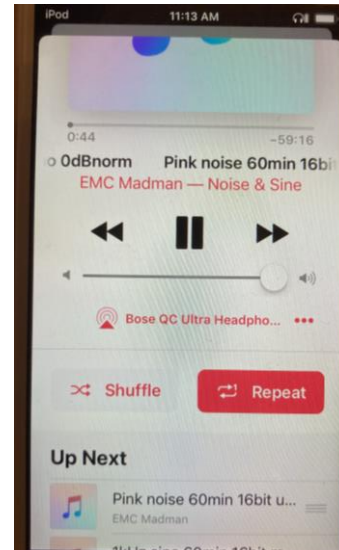
On side, Bluetooth mode



Lying flat, Bluetooth mode,
USBC cable populated



Pink noise file used





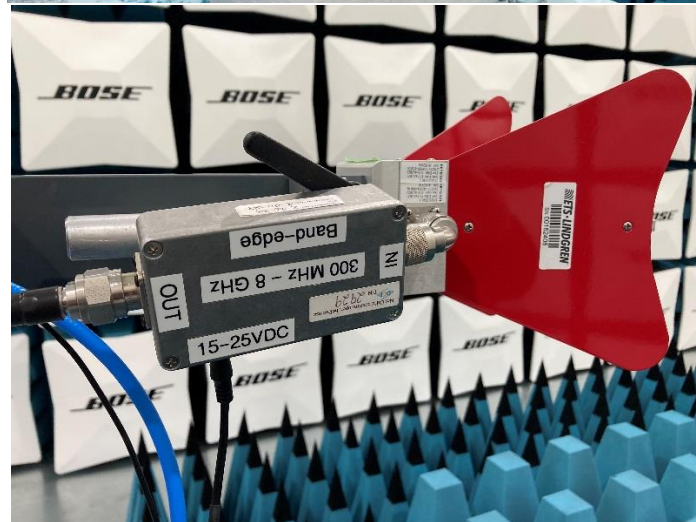
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Radiated Emissions Restricted Band Edge Measurements





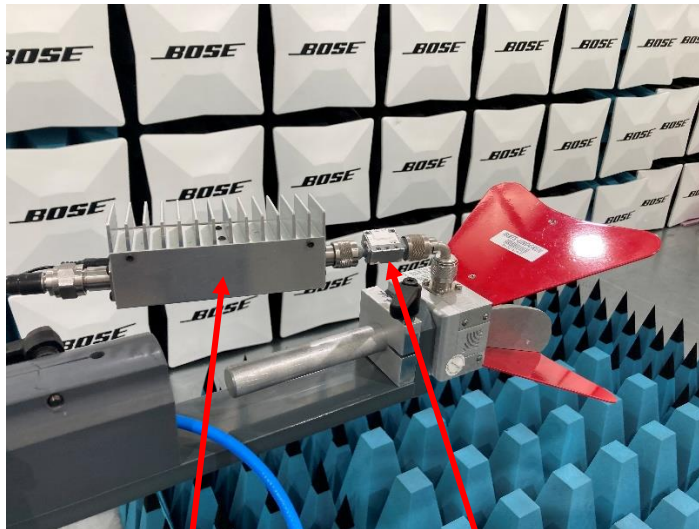
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Radiated Emissions 1GHz to 18 GHz



Preamp

2.4 GHz notch filter

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Radiated Emissions 18 GHz to 25 GHz





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Conducted RF Measurements



2.4 GHz Notch Filter & 10 dB Pad Used

