



F2 Labs
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SAR EXCLUSION REPORT

Manufacturer: Sound Quest, LLC
806 Beaver Street
Bristol, Pennsylvania 19007 USA

Applicant: Hearing Lab Technology, LLC
14301 FAA Boulevard, Suite 105
Forth Worth, Texas 76155 USA

Product Description: Custom Hearing Aid with Bluetooth Connectivity

**Operating Voltage/Freq.
of EUT During Testing:** Battery-Operated (1.5VDC)

Model(s): Custom ITE-A*

**Denotes actual model tested as representative of product family that includes models ITE-U (also known as made for iPhone) and ITE-A (also known as Android).*

FCC ID: 2AC2W-SQCUSITC

Standards:

- KDB 447498 D04 v00 Interim guidance
- FCC Rule Part 1.1307(b)(3)(i)(a)

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1 ADMINISTRATIVE INFORMATION**1.1 Measurement Location:**

F2 Labs in Middlefield, Ohio. Site description and attenuation data are on file with the FCC's Sampling and Measurement Branch at the FCC Laboratory in Columbia, MD.

1.2 Document History

Document Number	Description	Issue Date	Approved By
F2P27157A-R1-02E	First Issue	2023-03-22	K. Littell

2 SUMMARY OF RESULTS

	Standard(s)	Results
SAR Exclusion	KDB 447498 D04 v00 Interim guidance FCC Rule Part 1.1307(b)(3)(i)(a)	Complies

Modifications Made to the Equipment
None

3 ENGINEERING STATEMENT

This report has been prepared on behalf of Hearing Lab Technology, LLC to provide documentation for the SAR Exclusion herein. This equipment has been tested and found to comply with the SAR Exclusion levels listed in FCC Rule Part 1.1307(b)(3)(i)(a) and KDB 447498 D04 v00 Interim guidance. The minimum distance from the BT module antenna used inside of the Custom A128 Hearing Aid, is less than 5mm. The highest measured Field Strength was 72.6 dBuV/m at 3m. That converts to an ERP of -34.4 dBm, or 0.0003mW and well below the Exclusion Threshold of 1mW.

4 EUT INFORMATION AND DATA

4.1 Equipment Under Test:

Product: Custom ITE-U / Custom ITE-A

Model: Custom ITE-A

**Denotes actual model tested as representative of product family that includes models ITE-U (also known as made for iPhone) and ITE-A (also known as Android).*

Serial No.: 22912346

FCC ID: 2AC2W-SQCUSITC

4.2 Trade Name:

SoundQuest LLC

4.3 Power Supply:

Battery-operated (1.45VDC)

4.4 Applicable Rules:

FCC Rule Part 1.1307(b)(3)(i)(a)

KDB 447498 D04 v00 Interim guidance

4.5 Antenna:

Integral, -12dB max/-16dB Avg Gain

4.6 Accessories:

None