SAR TEST REPORT

Applicant	Sonitus Medical (Shanghai) Co., Ltd.
FCC ID	2AUH802
Product	SoundBite Hearing System
Brand	SoundBite Hearing System
Model	G4
Report No.	R2310A1148-S1
Issue Date	January 5, 2024

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC 47 CFR Part 1 1.1310.** The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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1 Test Laboratory

1.1 Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of **TA Technology (Shanghai) Co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein .Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2 Test Facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

1.3 Testing Location

Company:	TA Technology (Shanghai) Co., Ltd.
Address:	Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China
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1.4 Laboratory Environment

Temperature	Min. = 18°C, Max. = 25 °C
Relative humidity	Min. = 30%, Max. = 70%
Ground system resistance	< 0.5 Ω
Ambient noise is checked and found very low and in compliance with requirement of standards. Reflection of surrounding objects is minimized and in compliance with requirement of standards.	

2 Description of Equipment Under Test

Client Information

Applicant	Sonitus Medical (Shanghai) Co., Ltd.
Applicant address	Floor 5, Bldg. 11, 500 Furonghua Rd, Pudong, Shanghai, 201318, China
Manufacturer	Sonitus Medical (Shanghai) Co., Ltd.
Manufacturer address	Floor 5, Bldg. 11, 500 Furonghua Rd, Pudong, Shanghai, 201318, China

General Technologies

Model	G4
Lab internal SN	R2310A1148/S01
Hardware Version	V1
Software Version	V1
Date of Testing	December 19, 2023
Date of Sample Received	November 9, 2023

Note:
1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.
2. All indications of Pass/Fail in this report are opinions expressed by TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.

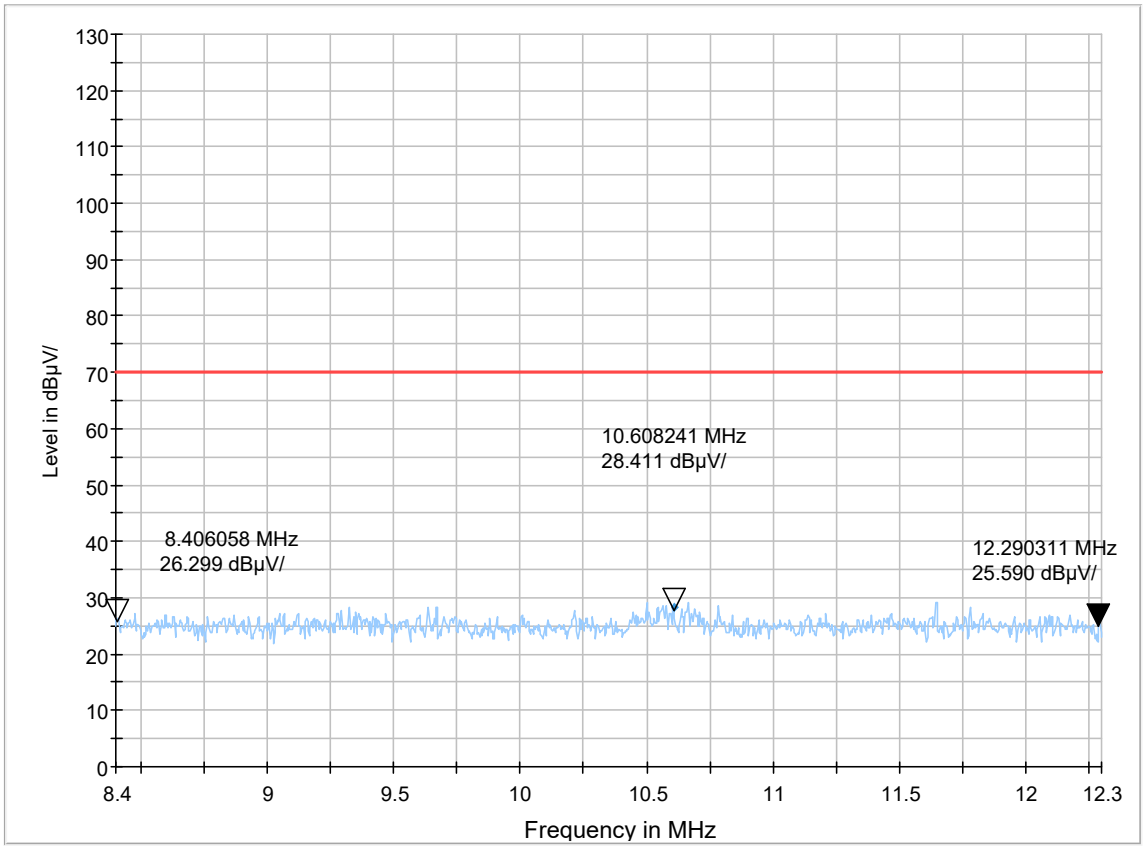
3 Test Specification, Methods and Procedures

Test standards

KDB 447498 D01 General RF Exposure Guidance v06

4 Output Power

A symbol (dBµV/) in the test plot below means (dBµV/m)



Note: Test data comes from RF report and please refer to the RF report for testing related information.

Carrier Frequency (MHz)	Max.E-field strength @ 3m (dBµV/m)
10.597	28.411

EIRP[dBm] = E[dBµV/m] − 95.2 = -66.789dBm
Gain= 0 dBi
So
Maximum Output Power= EIRP - Gain = -66.789 dBm

5 Standalone SAR Test Exclusion Considerations

Per KDB 447498 D01 (4.3.1):
a) For 100 MHz to 6 GHz and *test separation distances* ≤ 50 mm, the 1-g and 10-g *SAR test exclusion thresholds* are determined by the following:
[(*max. power of channel, including tune-up tolerance, mW*) / (*min. test separation distance, mm*)] · [√f(GHz)] ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR,[30] where
f(GHz) is the RF channel transmit frequency in GHz

b) For 100 MHz to 6 GHz and *test separation distances* > 50 mm, the 1-g and 10-g *SAR test exclusion thresholds* are determined by the following (also illustrated in Appendix B):

1) {[Power allowed at *numeric threshold* for 50 mm in step a)] + [(test separation distance - 50 mm)·(f(MHz)/150)]} mW, for 100 MHz to 1500 MHz

2) {[Power allowed at *numeric threshold* for 50 mm in step a)] + [(test separation distance - 50 mm)·10]} mW, for > 1500 MHz and ≤ 6 GHz

c) For frequencies below 100 MHz, the following may be considered for SAR test exclusion (also illustrated in Appendix C):

1) For *test separation distances* > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by [1 + log(100/f(MHz))]

2) For *test separation distances* ≤ 50 mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by ½

3) SAR measurement procedures are not established below 100 MHz.

SAR Test Exclusion Thresholds for 10.597 MHz and < 50 mm is 476 mW.

Carrier Frequency (MHz)	Max output power (dBm)	Max output power (mW)	P_{max} (mW)	Region	Low-power exclusion
10.597	-66.789	0.00000021	476	Head	Yes

Note: Based on SAR test exclusion, all values meet the SAR test exclusion thresholds and are exempt from routine evaluation.

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

********END OF REPORT ********