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SAR EXEMPTION REPORT

Manufacturer: **BREGGZ Innovations B.V.**
Keizersgracht 165
Amsterdam, NETHERLANDS 1016DP

Applicant: **Same as Above**

Product Name: **Zohn-1**

Product Description: In-ear monitor with Bluetooth connectivity and induction charging case

Model(s): **Zohn-1**

FCC ID: **2BLGWZOHN-1**

Standard(s):

- KDB447498 D04 Interim General RF Exposure Guidance v01
- FCC Rule Part 1.1307(b)(3)(i)(a)

Report Constructed by:


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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
F2P33249B-03E	First Issue	2024-11-23	K. Littell



2 SUMMARY OF RESULTS

	Standard(s)	Results
SAR Exemption	- KDB447498 D04 Interim General RF Exposure Guidance v01 - 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 Breggz Innovations B.V., to provide documentation for the SAR Exemption herein. This equipment has been tested and found to comply with the SAR Exemption levels listed in FCC Rule Part 1.1307(b)(3)(i)(a).

(3) Determination of exemption.

(i) For single RF sources (i.e., any single fixed RF source, mobile device, or portable device, as defined in paragraph (b)(2) of this section): A single RF source is exempt if:

(A) The available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(ii)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(ii)(A);

The minimum distance from the antenna used inside of the Zohn-1 is 5mm. The maximum Field Strength of the transmitter was 88 dB μ V/m at 3m which equals -7.23dBm (0.18923 mW), well below the exemption limit of 1mW.

$$P(\text{dBm}) = E(\text{dB}\mu\text{V}/\text{m}) + 20\text{LOG}(d) - G - 104.77$$



4 EUT INFORMATION AND DATA

4.1 Equipment Under Test:

Product: In-ear Monitor

Model: Zohn-1

Serial Nos.: 991001, 991002, 991003

Firmware: V5.0.5

Hardware: V1.0

FCC ID: 2BLGWZOHN-1

4.2 Trade Name:

BREGGZ Innovations B.V.

4.3 Power Supply:

5V DC input

4.4 Applicable Rules:

KDB447498

4.5 Antenna:

Integral Antenna (LDS Trace with spring contact to feed and ground launch points on PCB)

4.6 Accessories:

Device	Manufacturer	Model Number	Serial Number
Laptop	Hewlett Packard	14-fq0013dx	5CD030L0P2