

FCC RF EXPOSURE REPORT

FCC ID: 2APRZ-FILTER

Project No. : 2203C186
Equipment : Bluetooth USB dual-mode conference machine
Brand Name : AUDEZE
Test Model : FILTER
Series Model : N/A
Applicant : Audeze LLC.
Address : 3410 S. Susan Street, Santa Ana CA 92704, U.S.A
Manufacturer : Audeze LLC.
Address : 3410 S. Susan Street, Santa Ana CA 92704, U.S.A
Factory : lone Electronic technology co.,ltd.
Address : Yong Jun Er Rd, Jin Qian Ling Ind District, Jitigang, Huang Jiang Town, Dong Guan, Guang Dong Province, China.
Date of Receipt : Apr. 20, 2022
Date of Test : May 12, 2022 ~ Aug. 02, 2022
Issued Date : Aug. 24, 2022
Report Version : R00
Test Sample : Engineering Sample No.: DG2022051217
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

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TESTING CERT #5123.02

BTL Inc.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2203C186	R00	Original Report	Aug. 24, 2022	Valid

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 3 Jinshagang 1st Rd. Shixia, Dalang Town Dongguan City, Guangdong 523792 People's Republic of China.

BTL's Registration Number for FCC: 357015

BTL's Designation Number for FCC: CN1240

2. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:


S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna:

Ant.	Brand	P/N	Antenna Type	Connector	Gain(dBi)
1		H2U38D1E1B0100	Chip	N/A	1.5

Note:

The antenna gain is provided by the manufacturer.

3. TEST RESULTS

For BT:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Max. Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
1.5	1.4125	8.54	7.1450	0.00201	1	Complies

For LE:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Max. Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
1.5	1.4125	8.71	7.4302	0.00209	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report