

FCC RF EXPOSURE REPORT

FCC ID: YKBCA0937-045

Project No. : 2401G014
Equipment : Integrated Amplifier
Brand Name : CAMBRIDGE
Test Model : CA0937
Series Model : N/A
Applicant : Audio Partnership PLC
Address : Gallery Court, Hankey Place, London, SE1 4BB, United Kingdom
Manufacturer : Audio Partnership PLC
Address : Gallery Court, Hankey Place, London, SE1 4BB, United Kingdom
Factory : Dongguan Kwan Hong Electronics Co., Ltd.
Address : No.5, Shichangxiang, Chang'an Town, Dongguan City, Guangdong Province, China
Date of Receipt : Feb. 01, 2024
Date of Test : Feb. 02, 2024 ~ Mar. 06, 2024
Issued Date : Jun. 12, 2024
Report Version : R00
Test Sample : Engineering Sample No.: SSL2024020194
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091& KDB 447498 D01 v06

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

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2401G014	R00	Original Report.	Jun. 12, 2024	Valid

1. 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

2. ANTENNA SPECIFICATION

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	Yangyue	YY-JQ01013.A.0	Dipole	Jun. 12, 2024	2.61

Note: The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2.61	1.8239	10.11	10.2565	0.00372	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report