FCC RF EXPOSURE REPORT

FCC ID: YKBCA0751-037

Project No.	:	2004C201
Equipment	:	Hi-Res DAC
Brand Name	:	CAMBRIDGE AUDIO
Test Model	:	DacMagic 200M
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	:	Apr. 22, 2020
Date of Test	:	Apr. 27, 2020 ~ Sep. 18, 2020
Issued Date	:	Sep. 23, 2020
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG2020042232 for conducted DG2020082765 for radiated.
Standard(s)	:	FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091 FCC Title 47 Part 2.1091, OET Bulletin 65 Supplement C

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

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Certificate #5123.02

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	Sep. 23, 2020

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's Test Firm 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	飞胜电子 FEI SHENG DIAN ZI	FS-0058	Dipole	SMA / IPEX CONN	1.5

3. TEST RESULTS

Tune up tolerance(dBm)	
BT	LE
≤5	≤6

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	5	3.1623	0.00089	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	6	3.9811	0.00112	1	Complies

Note: The calculated distance is 20 cm.
Output power including tune up tolerance.

End of Test Report