

FCC RF EXPOSURE REPORT

FCC ID: YKBCA0877-033

Project No. : 1906C154
Equipment : Integrated Amplifier
Model Name : CXA81
Series Model : CXA61
Applicant : Audio Partnership PLC
Address : Gallery Court, Hankey Place, London, SE1
4BB, United Kingdom

According : FCC Guidelines for Human Exposure IEEE
C95.1 & FCC Part 2.1091

B T L I N C .

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Certificate #5123.02

1. GENERAL SUMMARY

Equipment : Integrated Amplifier
 Brand Name : CAMBRIDGE AUDIO
 Test Model : CXA81
 Series Model : CXA61
 Applicant : Audio Partnership PLC
 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 Test : Jul. 04, 2019 ~ Jul. 20, 2019
 Test Sample : Engineering Sample No.: DG19070364
 Standards : 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.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1906C154) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of A2LA according to the ISO/IEC 17025 quality assessment standard and technical standard(s).

2. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

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

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 Filled Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	 飞胜电子 FEI SHENG DIAN ZI	N/A	Dipole	N/A	1.50

3. TEST RESULTS

Tune up tolerance(dBm)
BT
± 2

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	4.44	2.7797	0.00078	1	Complies

Note: The calculated distance is 20 cm

End of Test Report