

FCC RF EXPOSURE REPORT

FCC ID: QWHCPAXX02

Project No. : 1906C091
Equipment : Power Amplifiers
Model Name : CPA2402
Series Model : CPA1202
Applicant : MUSIC Tribe Manufacturing PH Ltd.
Address : 17A Brunswick Street Hamilton HM 10
Bermuda

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

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	Jul. 19, 2019

1. GENERAL SUMMARY

Equipment : Power Amplifiers
 Brand Name : LAB GRUPPEN
 Test Model : CPA2402
 Series Model : CPA1202
 Applicant : MUSIC Tribe Manufacturing PH Ltd.
 Manufacturer : MUSIC Tribe Manufacturing PH Ltd.
 Address : 17A Brunswick Street Hamilton HM 10 Bermuda
 Factory : Zhongshan Eurotec Electronics Ltd
 Address : No.10 Wanmei Road, South China Modern Chinese Medicine Park, Nanlang Town, Zhongshan City, Guangdong Province, P.R. China
 Date of Test : Jun. 27, 2019 ~ Jul. 15, 2019
 Test Sample : Engineering Sample No.: DG190626157
 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-2-1906C091) 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 Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Dipole	N/A	2.09

3. TEST RESULTS

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
2.09	1.6181	9.87	9.7051	0.00313	1	Complies

Note: The calculated distance is 20 cm.

Output power including tune up tolerance(tune up tolerance: 2 dBm).

End of Test Report