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**

BTL INC.

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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:

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

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	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