

# FCC RF EXPOSURE REPORT

## FCC ID: QWHULM300RL

**Project No.** : 1711C003B  
**Equipment** : ULTRALINK ULM300LAV  
**Model Name** : ULM300RL  
**Series Model** : N/A  
**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.	Sep. 06, 2019
R01	Remove the series model name.	Sep. 11, 2019
R02	Updated the product name which does not affect the test results, the rest are kept the same.	Sep. 23, 2019
R03	Updated the FCC ID, model name and the antenna gain.	Nov. 12, 2019
R04	Updated the antenna type and brand name.	Nov. 15, 2019

## 1. GENERAL SUMMARY

Equipment : ULTRALINK ULM300LAV  
 Brand Name : BEHRINGER  
 Test Model : ULM300RL  
 Series Model : N/A  
 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 : Jul. 10, 2019 ~ Aug. 19, 2019  
 Test Sample : Engineering Sample No.: DG19080169  
 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-2-1711C003B) 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	Monopole	N/A	2.27

### 3. TEST RESULTS

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Max. Peak Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
2.27	1.6866	17.68	58.6138	0.01968	1	Complies

Note: The calculated distance is 20 cm

**End of Test Report**