



FCC RF EXPOSURE REPORT

FCC ID: QWHTRUTH5

Project No.	:	2506C419
Equipment	:	Studio Monitors
Brand Name	:	Behringer
Test Model	:	TRUTH 5 BT
Model Name	:	TRUTH 5 BT, TRUTH 5 BT-WH
Hardware Version	:	V0.5
Software Version	:	V16
Applicant	:	Empower Tribe Commercial FZE
Address	:	LB181504WS13, Jebel Ali Freezone Dubai, United Arab Emirates
Manufacturer	:	Empower Tribe Commercial FZE
Address	:	LB181504WS13, Jebel Ali Freezone Dubai, United Arab Emirates
Factory	:	1) Zhongshan Eurotec Electronics Ltd. 2) Zhong Shan City LITAI Electronic Industrial Co., Ltd.
Address	:	1) NO.10 Wanmei Road, South China Modern Chinese Medicine Park, Nanlang Town, 528451, Zhongshan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA 2) No.3 Industrial Park, Chenggui Road, Wuguishan Town, 528458 Zhongshan, Guangdong, PEOPLE's REPUBLIC OF CHINA
Date of Receipt	:	Jun. 25, 2025
Date of Test	:	Jun. 25, 2025~Aug. 04, 2025
Issued Date	:	Sep. 18, 2025
Test Sample	:	Engineering Sample No.: DG20250625101
Standard(s)	:	FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091 FCC Title 47 Part 2.1091 & KDB 447498 D01 v06

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

Prepared by

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2506C419	R00	Original Report.	Sep. 18, 2025	Valid

1. 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

2. ANTENNA SPECIFICATION

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	ZhongShan City Li Tai Electronic Industrial Co., Ltd.	N/A	PCB	N/A	1.5

Note: The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

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	3.62	2.3014	0.00065	1	Complies

(1) The calculated distance is 20 cm.

End of Test Report