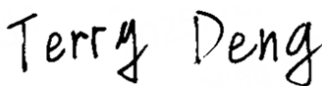


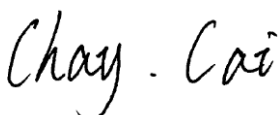
FCC RF EXPOSURE REPORT

FCC ID: 2AFIW-MT3600BE

Project No. : 2510C192
Equipment : BE3600 Dual-band Wi-Fi 7 Travel Router
Brand Name : 
Test Model : GL-MT3600BE
Model Name : GL-MT3600BE
Hardware Version : v1.0
Software Version : 4.8.4
Applicant : GL Technologies (Hong Kong) Limited
Address : Unit 601, Building 5W, Hong Kong Science Park, Shatin, N.T., Hong Kong
Manufacturer : GL Technologies (Hong Kong) Limited
Address : Unit 601, Building 5W, Hong Kong Science Park, Shatin, N.T., Hong Kong
Factory : Shenzhen Guanglianzhitong Tech Co., Ltd.
Address : Room 305-306, Skyworth Digital Bulding, Songbai Road, Shiyan Street, Baoan District, Shenzhen, China
Date of Receipt : Oct. 22, 2025
Date of Test : Oct. 23, 2025 ~ Nov. 25, 2025
Issued Date : Dec. 03, 2025
Test Sample : Engineering Sample No.: DG920251022137 & DG920251022129
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)

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-4-2510C192	R00	Original Report.	Dec. 03, 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

For 2.4GHz:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1		N/A	PCB	IPEX	2.63
2		N/A	PCB	IPEX	2.70

Note:

(1) This EUT supports MIMO (except IEEE 802.11b and IEEE 802.11g modes), and all antenna gains are not equal, Directional gain = $G_{ANT} + \text{Array Gain}$.

For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=2.70.

For power spectral density measurements, $N_{ANT}=2$, $N_{SS} = 1$.

So the Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})\text{dBi} = 2.70 + 10\log(2/1)\text{dBi} = 5.71$.

(2) The antenna gain is provided by the manufacturer.

For 5GHz:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1		N/A	PCB	IPEX	3.22
2		N/A	PCB	IPEX	3.24
3		N/A	PCB	IPEX	3.49

Note:

(1) This EUT supports MIMO (except IEEE 802.11a mode), and all antenna gains are not equal, Directional gain = $G_{ANT} + \text{Array Gain}$.

For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=3.49.

For power spectral density measurements, $N_{ANT}=3$, $N_{SS} = 1$.

So the Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})\text{dBi} = 3.49 + 10\log(3/1)\text{dBi} = 8.26$.

(2) The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

For 2.4GHz:

Directional Gain (dBi)	Directional Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2.70	1.8621	24.29	268.5344	0.0995	1	Complies

For 5GHz:

Directional Gain (dBi)	Directional Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
3.49	2.2336	29.89	974.9896	0.4332	1	Complies

For the max simultaneous transmission MPE:

Ratio		Total	Limit of Ratio	Test Result
2.4GHz	5GHz			
0.0995	0.4332	0.5327	1	Complies

Note:

(1) The calculated distance is 20 cm.

(2) Ratio=Power Density (S) (mW/cm²)/Limit of Power Density (S) (mW/cm²)

End of Test Report