

FCC RF EXPOSURE REPORT

FCC ID: 2AZ3ICC360

Project No. : 2406C263
Equipment : Projector
Brand Name : HP
Test Model : CC360
Series Model : CC360 Pro
Applicant : GT Technology Chongqing Limited
Address : No. 1195 Mingtao 1st Road, Changshou District, Chongqing, P.R. China
Manufacturer : GT Technology Chongqing Limited
Address : No. 1195 Mingtao 1st Road, Changshou District, Chongqing, P.R. China
Factory : GT Technology Chongqing Limited
Address : No. 1195 Mingtao 1st Road, Changshou District, Chongqing, P.R. China
Date of Receipt : Jul. 01, 2024
Date of Test : Jul. 01, 2024 ~ Sep. 12, 2024
Issued Date : Nov. 01, 2024
Report Version : R00
Test Sample : Engineering Sample No.: DG2024070144 for conducted, DG2024070145 for radiated.
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.

Prepared by

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-5-2406C263	R00	Original Report.	Nov. 01, 2024	Valid

1. 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

2. ANTENNA SPECIFICATION

For BT & LE:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	ShenZhen Aihui Technology Co., Ltd	505-1-WIFI-AH	FPC	N/A	1.91

Note: The antenna gain is provided by the manufacturer.

For 2.4GHz:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	ShenZhen Aihui Technology Co., Ltd	505-1-WIFI-AH	PIFA	N/A	1.88

Note: The antenna gain is provided by the manufacturer.

For 5GHz:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	ShenZhen Aihui Technology Co., Ltd	505-1-WIFI-AH	PIFA	N/A	1.42

Note: The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

For BT:

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
1.91	1.5524	-3.81	0.4159	0.00013	1	Complies

For LE:

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
1.91	1.5524	-6.78	0.2099	0.00006	1	Complies

For 2.4GHz:

Antenna Gain (dBi)	Antenna 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
1.88	1.5417	15.11	32.4340	0.00995	1	Complies

For 5GHz:

Antenna Gain (dBi)	Antenna 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
1.42	1.3868	14.43	27.7332	0.00766	1	Complies

For the max simultaneous transmission MPE:

Ratio				Total	Limit of Ratio	Test Result
BT	LE	2.4GHz	5GHz			
0.00013	0.00006	0.00995	0.00766	0.01780	1	Complies

Note:

- (1) The calculated distance is 20 cm.
- (2) Output power including tune up tolerance.
- (3) Ratio=Power Density (S) (mW/cm²)/Limit of Power Density (S) (mW/cm²)

End of Test Report