

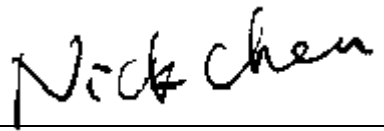
FCC RF EXPOSURE REPORT

FCC ID: 2ARNB-DTSWL G3

Project No. : 2503C220
Equipment : Data Transfer Stick
Brand Name : Hoymiles
Test Model : DTS-WL-G3
Series Model : N/A
Applicant : Hoymiles Power Electronics Inc.
Address : No. 18 Kangjing Road, Hangzhou, Zhejiang Province, P.R. China
Manufacturer : Hoymiles Power Electronics Inc.
Address : No. 18 Kangjing Road, Hangzhou, Zhejiang Province, P.R. China
Factory : Hoymiles Power Electronics Inc.
Address : No.149 Kangzhong Road, Hangzhou 310015, Zhejiang Province, P.R. China
Date of Receipt : Mar. 19, 2025
Date of Test : Mar. 20, 2025 ~ Apr. 17, 2025
Issued Date : Apr. 24, 2025
Report Version : R00
Test Sample : Engineering Sample No.: DG20250319241
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.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2503C220	R00	Original Report.	Apr. 24, 2025	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

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	SLEing®	SLEingA248970045	FPC	MHF	-1.27

Note: The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

For BT LE:

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
-1.27	0.7464	18.64	73.1139	0.01086	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
-1.27	0.7464	20.85	121.6186	0.01807	1	Complies

Note:

- (1) The calculated distance is 20 cm.
- (2) Ratio=Power Density (S) (mW/cm²)/Limit of Power Density (S) (mW/cm²)
- (3) BT LE and WLAN 2.4GHz can not simultaneous transmission.

End of Test Report