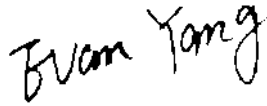


FCC RF EXPOSURE REPORT

FCC ID: 2ARNB-DTSWIFIG1

Project No. : 2409C213
Equipment : Data Transfer Stick
Brand Name : Hoymiles, 
Test Model : DTS-WIFI-G1
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 : Sep. 26, 2024
Date of Test : Sep. 29, 2024 ~ Oct. 14, 2024
Issued Date : Oct. 29, 2024
Report Version : R00
Test Sample : Engineering Sample No.: SSL2024092661
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 : 
Evan Yang

Approved by : 
Chay Cai

Room 108, Building 2, No.1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong,
People's Republic of China

Tel: +86-769-8318-3000 Web: www.newbtl.com Service mail: btl_qa@newbtl.com

REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2409C213	R00	Original Report.	Oct. 29, 2024	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.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	SLEing	SLEingB22693060	FPC	MHF	3.81

Note: The antenna gain and beamforming gain are provided by the manufacturer.

3. CALCULATED RESULT

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
3.81	2.4044	8.68	7.3790	0.00353	1	Complies

Note:

(1) The calculated distance is 20 cm.

End of Test Report