

FCC RF EXPOSURE REPORT

FCC ID: 2AUTE-IK4R

Project No. : 2408C344
Equipment : 1) Industrial Barcode Printer
2) Barcode Printer
Brand Name : N/A
Test Model : iK4R
Series Model : iK4, HD620, HD630, HD660, P220, P330, P660, HZ420, HZ430, HZ460, MJK3, MJK6, H850, H860, H870, H880, H890, J-2000, 3000, 6000, H2, H3, H6, VK20, VK30, VK60, IPK300, IPK600, J-8300, J-8600, iV8300, iV8600, King3, King6, Iron Man3, Iron Man6
Applicant : Xiamen Hanin Co.Ltd
Address : Room 305A, Angye Building, Pioneering Park, Torch High-tech Zone, Xiamen, China
Manufacturer : Xiamen Hanin Co.Ltd
Address : Room 305A, Angye Building, Pioneering Park, Torch High-tech Zone, Xiamen, China
Factory : Xiamen Hanin Co.Ltd
Address : No. 96 Rongyuan Road, Tong'an District, Xiamen City, Fujian Province, China
Date of Receipt : Sep. 02, 2024
Date of Test : Sep. 03, 2024 ~ Nov. 04, 2024
Issued Date : Nov. 15, 2024
Report Version : R00
Test Sample : Engineering Sample No.: DG20240902217-3
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

Evan Yang

Approved by

:

Chay. Cai

Chay Cai

Room 108-116, 309-310, 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-2-2408C344	R00	Original Report.	Nov. 15, 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

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	FUWIT	ANT-HY-V1.0	Print	N/A	-27.1

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
-27.0	0.0020	27.56	570.1643	0.00023	1	Complies

Note:

- (1) The calculated distance is 20 cm.
- (2) Output power including tune up tolerance.

End of Test Report