

FCC RF EXPOSURE REPORT

FCC ID: 2AUTE-FT800

Project No. : 2103C008
Equipment : Wireless Home Printer
Brand Name : HPRT, iDPRT
Test Model : FT800
Series Model : Future800
Applicant : Xiamen Hanin Electronic Technology Co.,Ltd.
Address : Room 305A, Angye Building, Pioneering Park,Torch High-tech, Zone,
Xiamen
Manufacturer : Xiamen Hanin Electronic Technology Co.,Ltd.
Address : Room 305A, Angye Building, Pioneering Park,Torch High-tech, Zone,
Xiamen
Factory : Xiamen Hanin Electronic Technology Co.,Ltd.
Address : 96# Rongyuan Road,Tong'an District,Xiamen
Date of Receipt : Mar. 04, 2021
Date of Test : Mar. 08, 2021 ~ Jun. 01, 2021
Issued Date : Jun. 07, 2021
Report Version : R00
Test Sample : Engineering Sample No.: DG2021030837.
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091, OET Bulletin 65 Supplement C

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

Vincent Tan

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Approved by : Ethan Ma



Certificate #5123.02

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	Jun. 07, 2021

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's Test Firm Registration Number for FCC: 357015

BTL's Designation Number for FCC: CN1240

2. 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

Table for Filed Antenna:

For LE:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Printed	N/A	3.0

Note: The antenna gain is provided by the manufacturer.

For 2.4GHz:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	BAT WIRELESS	BW258FNX50-9B4	FPC	I-Pex or competitor	3.0

Note: The antenna gain is provided by the manufacturer.

3. TEST RESULTS

Tune up tolerance(dBm)	
LE	2.4GHz
≤ 1.00	≤ 21.60

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
3.0	1.9953	1.00	1.2589	0.00050	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
3.0	1.9953	21.60	144.5440	0.05741	1	Complies

For the max simultaneous transmission MPE:

Power Density (S) (mW/cm ²)	Power Density (S) (mW/cm ²)	Total	Limit of Power Density (S) (mW/cm ²)	Test Result
LE	2.4GHz			
0.00050	0.05741	0.05791	1	Complies

Note: The calculated distance is 20 cm.
Output power including tune up tolerance.

End of Test Report