

FCC RF EXPOSURE REPORT

FCC ID: ZVAOH00025

Project No. : 2010C054
Equipment : Shine Bathroom Assistant
Brand Name : SHINE
Test Model : SHINE-BA-01
Series Model : N/A
Applicant : TCL Technoly Electronics (Huizhou) Co., Ltd
Address : Section 37, Zhongkai High-tech development Zone, Huizhou City, Guangdong Province, China 516006
Manufacturer : Shine Bathroom Technologies, Inc.
Address : 1222 State Street, Santa Barbara, CA 93101
Factory : TCL Technoly Electronics (Huizhou) Co., Ltd
Address : Section 37, Zhongkai High-tech development Zone, Huizhou City, Guangdong Province, China 516006
Date of Receipt : Oct. 19, 2020
Date of Test : Oct. 20, 2020 ~ Nov. 02, 2020
Issued Date : Nov. 18, 2020
Report Version : R00
Test Sample : Engineering Sample No.: DG20201020102
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.



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Certificate #5123.02

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	Nov. 18, 2020

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:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

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

Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PCB	N/A	3.7

3. TEST RESULTS

Tune up tolerance(dBm)	
LE	2.4G
≤ 5.0	≤ 23.0

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
3.7	2.3442	5.0	3.1623	0.00148	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
3.7	2.3442	23.0	199.5262	0.09310	1	Complies

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

End of Test Report