

FCC RF EXPOSURE REPORT

FCC ID: 2AQPW-SB450

Project No. : 2103T148
Equipment : Ultra Bright LCD Display with LED Backlight
Brand Name : Seura
Test Model : UB4-50
Series Model : N/A
Applicant : Innolux Corporation
Address : No. 160, Kesyue Rd. Jhunan Science Park, Miaoli County, Taiwan 350
Manufacturer : Innolux Corporation
Address : No. 160, Kesyue Rd. Jhunan Science Park, Miaoli County, Taiwan 350
Factory : Keewin Display (Suzhou) Co., LTD
Address : No. 17 Chengpu Rd, Suzhou Industrial Park, Jiangsu
Date of Receipt : Mar. 29, 2021
Date of Test : Mar. 29, 2021 ~ May 11, 2021
Issued Date : Jun. 24, 2021
Report Version : R00
Test Sample : Engineering Sample No.: DG20210325161
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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TESTING CERT #5123.02

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	Jun. 24, 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:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	SHENZHEN ZHONGTIAN XUN Communication Technology Shares Co., Ltd.	61005-00244	Internal	N/A	2.99

Note:

The antenna gain is provided by the manufacturer.

3. TEST RESULTS

For BT:

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
2.99	1.9907	9.09	8.1096	0.00321	1	Complies

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
2.99	1.9907	1.81	1.5171	0.00060	1	Complies

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

End of Test Report