

FCC RF EXPOSURE REPORT

FCC ID: OMOLTV-R3

Project No. : 1907C230
Equipment : RAIN SENSOR
Brand Name : LA CROSSE
Test Model : LTV-R3
Series Model : LTV-R3-INT, LTV-R3vX, LTV-R3vX-INT, LTV-R3-XX,
LTV-R3-XX-INT (X can be 0~9, the difference for different version
are the product shell color , software, and packaging upgrade
version number, when upgrade a version the number progressed
to next number)
Applicant : La Crosse Technology Ltd.
Address : 2809 Losey Blvd. S. La Crosse Wisconsin 54601 United States
Manufacturer : La Crosse Technology Ltd.
Address : 2809 Losey Blvd. S. La Crosse Wisconsin 54601 United States
Factory : La Crosse Technology Ltd.
Address : 2809 Losey Blvd. S. La Crosse Wisconsin 54601 United States
Date of Receipt : Jul. 29, 2019
Date of Test : Jul. 29, 2019 ~ Aug. 14, 2019
Issued Date : Oct. 17, 2019
Report Version : R00
Test Sample : Engineering Sample No.: DG1907308
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.

Rose Liu

Prepared by : Rose Liu

Ethan Ma

Approved by : Ethan Ma



Certificate #5123.02

Add: No.3, Jinshagang 1st Road, Shixia, Dalang Town,Dongguan, Guangdong, China.

Tel: +86-769-8318-3000

Web: www.newbtl.com

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	Oct. 17, 2019

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

Table for Filed Antenna

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Loop	N/A	0

2. TEST RESULTS

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
0	1.0000	-16.58	0.0220	0.00000	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report