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.

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Certificate #5123.02

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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