

FCC RF EXPOSURE REPORT

FCC ID: OMOC84428

Project No. : 1705C284
Equipment : WEATHER FORECAST STATION
Model : C84428
Applicant : La Crosse Technology Ltd.
Address : 2809 Losey Blvd. South La Crosse Wisconsin
United States 54601

According: : FCC Guidelines for Human Exposure IEEE
C95.1 & FCC Part 2.1091

B T L I N C .

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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	0

TEST RESULTS

EUT :	WEATHER FORECAST STATION	Model Name :	C84428
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		

2.4G WIFI

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
0	1.0000	24.96	313.3286	0.06237	1	Complies

Note: the calculated distance is 20 cm.