

Maximum Permissible Exposure Report

FCC ID: 2ATYCHMX05

Report No. : BTL-FCCP-2-2101T113
Equipment : HIPCAM
Model Name : Chime Max
Brand Name : HIPCAM
Applicant : Hipcam Global LLC
Address : 112 Capitol Trail, Newark, Delaware, 19711 United States
Manufacturer : Goldtek Technology Co., Ltd.
Address : 16F., No.166, Jian 1st Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C.)

FCC Rule Part(s) : FCC CFR Title 47, Part 2 (2.1091)
FCC Guidelines for Human Exposure IEEE C95.1

Date of Receipt : 2021/2/2
Date of Test : 2021/2/2 ~ 2021/3/19
Issued Date : 2021/4/27

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by

: 
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Approved by

: 
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REVISION HISTORY

Report No.	Version	Description	Issued Date
BTL-FCCP-2-2101T113	R00	Original Report.	2021/4/9
BTL-FCCP-2-2101T113	R01	Revised report to address TCB's comments.	2021/4/29

Limit

Frequency Range (MHz)	Power Density (mW /cm ²)	Averaging Time (minutes)
300~1500	F/1500	30
1500~100000	1.0	30

MPE EVALUATION FORMULA

$$Pd = \frac{Pt}{4 * Pi * R^2}$$

where:

Pd= Power density in mW/cm²

Pt= EIRP in Mw

Pi= 3.1416

R= Measurement distance

Table for Filed Antenna

Ant.	Manufacture	Model name	Type	Connector	Frequency Range (MHz)	Gain (dBi)
1	 awaru ADVANCED WIRELESS & ANTENNA INC.	Chip Antenna	Chip	N/A	902-928	0.79

Maximum RF OUTPUT POWER

Mode	Maximum Average Power (dBm)
Lora	17.41

RESULTS

Frequency (MHz)	Maximum Output Power (dBm)	Maximum Output Power (mW)	Antenna gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Power Density Limit (mW/cm ²)
917.3	17.41	55.081	0.79	20.0	0.013	0.612

End of Test Report