

FCC RF EXPOSURE REPORT

FCC ID: 2AG7C-SNAP8S

Project No. : 2005H045
Equipment : BATTERY CAMERA
Brand Name : N/A
Test Model : Snap 8S
Series Model : Snap 8T, GO1, GO1T, GO1S
Applicant : Hangzhou Meari Technology Co., Ltd.
Address : No.91, Chutian Road, Xixing Block, Binjiang, Hangzhou, China 310051
Manufacturer : Hangzhou Meari Technology Co., Ltd.
Address : No.91, Chutian Road, Xixing Block, Binjiang, Hangzhou, China 310051
Factory : Hangzhou Meari Technology Co., Ltd.
Address : No.91, Chutian Road, Xixing Block, Binjiang, Hangzhou, China 310051
Date of Receipt : May 29, 2020
Date of Test : Jun. 01, 2020 ~ Jul. 07, 2020
Issued Date : Jul. 20, 2020
Report Version : R00
Test Sample : Engineering Sample No.: SH20200527414, SH20200527413, SH20200527413-3
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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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	Jul. 20, 2020

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.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	PCB	N/A	3

2. TEST RESULTS

For 2.4GHz:

Directional gain (dBi)	Directional gain (numeric)	Max. tune up Power (dBm)	Max. tune up Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
3	1.9953	23.40	218.7762	0.08689	1	Complies

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

End of Test Report