

FCC RF EXPOSURE REPORT

FCC ID: 2AG7C-SPEED9S

Project No. : 2003H043
Equipment : CAMERA
Brand Name : N/A

Test Model : Speed 9S
Series Model : Speed 9X

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 : Mar. 30, 2020

Date of Test : Apr. 03, 2020 ~ Apr. 24, 2020

Issued Date : Apr. 29, 2020

Report Version : R00

Test Sample : Engineering Sample No.: SH202004013-2, SH202004013-1

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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INC. MRA

ACCREDITED

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date	
R00	Original Issue	Apr. 29, 2020	





1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRF}{4\pi r^2}$$

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

For 2.4G:

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



2. TEST RESULTS

For 2.4GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. tune up Power (dBm)	Max. tune up Power (mW)	Power Density (S) (mW/cm²)	Limit of Power Density (S) (mW/cm²)	Test Result
3	1.9953	26.08	405.5085	0.16105	1	Complies

Note: The calculated distance is 20 cm.

Output power including tune up tolerance.

End of Test Report