

FCC RF EXPOSURE REPORT

FCC ID: 2AG7C-SPEED10S

Project No. : 2009H028
Equipment : IP CAMERA
Brand Name : N/A
Test Model : Speed 10S
Series Model : Speed 10T
Applicant : Hangzhou Meari Technology Co., Ltd.
Address : Room 604-605, Building 1, No.768 Jianghong Road,
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Manufacturer : Hangzhou Meari Technology Co., Ltd.
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Date of Receipt : Sep.17, 2020
Date of Test : Sep.17, 2020~Oct. 14, 2020
Issued Date : Oct.20, 2020
Report Version : R00
Test Sample : Engineering Sample No.: SH2020091129, SH2020091130
SH2020091129-1
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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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Oct.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

For 2.4G:

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

2. TEST RESULTS

For 2.4GHz:

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
3.00	1.9953	17.56	57.016427	0.0226324	1	Complies

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

End of Test Report