

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,
Changhe street, Binjiang District, Hangzhou, Zhejiang, China
Manufacturer : Hangzhou Meari Technology Co., Ltd.
Address : Room 604-605, Building 1, No. 768 Jianghong Road,
Changhe street, Binjiang District, Hangzhou, Zhejiang, China
Factory : Hangzhou Meari Technology Co., Ltd.
Address : No. 91 Chutian Road, Xixing Street, Binjiang District,
Hangzhou, Zhejiang, China
Date of Receipt : Sep. 17, 2020
Date of Test : Sep. 17, 2020 ~ Oct. 14, 2020
Issued Date : Oct. 23, 2020
Report Version : R01
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.

Allen Wei

Prepared by : Allen Wei

Ryan Wang

Approved by : Ryan Wang



Certificate # 5123. 03

Add: No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210, China
 TEL: +86-021-61765666
 Web: www.newbtl.com

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Oct.20, 2020
R01	Revised the power value.	Oct.23, 2020

1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

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

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	17.62	57.8096	0.022947	1	Complies

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

End of Test Report