

# FCC RF EXPOSURE REPORT

## FCC ID: 2AG7C-SPEED11

**Project No.** : 2102H035  
**Equipment** : IP CAMERA  
**Brand Name** : N/A  
**Test Model** : Speed 11S  
**Series Model** : Speed 11X,Speed 11T  
**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** : No. 91 Chutian Road, Xixing 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** : Mar. 02, 2021  
**Date of Test** : Mar. 04, 2021~Mar. 23, 2021  
**Issued Date** : Mar. 25, 2021  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: SH20210301174, SH20210301174-1 for  
radiated; SH20210301174-3 for conducted.  
**Standard(s)** : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091

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.	Mar. 25, 2021

## 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)	Note
1	N/A	N/A	Dipole	N/A	1.79	N/A

Note:

The antenna gain is provided by the manufacturer.

**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 <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
1.79	1.5101	25.50	354.8134	0.10659	1	Complies

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

**End of Test Report**