

# FCC RF EXPOSURE REPORT

## FCC ID: 2AG7CSPEED15

**Project No.** : 2102H005  
**Equipment** : IP CAMERA  
**Brand Name** : N/A  
**Test Model** : Speed 15S  
**Series Model** : Speed 15X, Speed 15T  
**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** : Feb. 01, 2021  
**Date of Test** : Feb. 01, 2021~Feb. 18, 2021  
**Issued Date** : Mar. 26, 2021  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: SH2021020111-1 for radiated;  
SH2021020111-2 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. 26, 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)
1	N/A	N/A	FPC	N/A	1.92

Note:

The antenna gain is provided by the manufacturer.

**2. TEST RESULTS**

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
1.92	1.55600	25	316.2278	0.09789	1	Complies

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

**End of Test Report**