

# FCC RF EXPOSURE REPORT

## FCC ID: 2AG7CSPEED2

**Project No.** : 2011H044  
**Equipment** : IP CAMERA  
**Brand Name** : N/A  
**Test Model** : Speed 2S  
**Series Model** : Speed 2X ,WIFICO20CWT  
**Applicant** : Hangzhou Meari Technology Co., Ltd.  
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**Manufacturer** : Hangzhou Meari Technology Co., Ltd.  
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**Factory** : Hangzhou Meari Technology Co., Ltd.  
**Address** : No. 91 Chutian Road, Xixing Street, Binjiang District,  
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**Date of Receipt** : Nov. 26, 2020  
**Date of Test** : Nov. 26, 2020~Dec. 10, 2020  
**Issued Date** : Dec. 14, 2020  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: SH20201123168, SH20201123167  
**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.	Dec. 14, 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

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
3.00	1.9953	26	398.1072	0.158030	1	Complies

Note: The calculated distance is 20 cm.

Output power including tune up tolerance.

**End of Test Report**