

FCC RF EXPOSURE REPORT

FCC ID: 2AG7C-SPEED12

Project No. : 2101H051
Equipment : IP CAMERA
Brand Name : N/A
Test Model : Speed 12S
Series Model : Speed 12X,P2
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 : Jan. 27, 2021
Date of Test : Jan. 27, 2021~Feb. 02, 2021
Issued Date : Feb. 23, 2021
Report Version : R00
Test Sample : Engineering Sample No.: SH20210127117/SH20210127118,
SH2020110266-6
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.

Maker Qi

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Feb. 23, 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

For 2.4G:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	FPC	N/A	1.99

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 ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
1.99	1.5812	25.00	316.2278	0.0995	1	Complies

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

End of Test Report