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 Address		Hangzhou Meari Technology Co., Ltd. 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.

Maker Qi

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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^2)	Limit of Power Density (S) (mW/cm^2)	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