

FCC RF EXPOSURE REPORT

FCC ID: 2BFXS-J5601

Project No. : 2404G060
Equipment : Pan/Tilt Smart Home Camera
Brand Name : JUOVI
Test Model : J5601
Series Model : N/A
Applicant : ZOWEE TECHNOLOGY (HEYUAN) Co., Ltd
Address : Runye Precision Manufacturing Industrial Park, among the north of Xiangjing Road, the west of Xinpi Road and the south of Yangzi Road, located in the High-tech Zone, Heyuan City, Guangdong Province
Manufacturer : ZOWEE TECHNOLOGY (HEYUAN) Co., Ltd
Address : Runye Precision Manufacturing Industrial Park, among the north of Xiangjing Road, the west of Xinpi Road and the south of Yangzi Road, located in the High-tech Zone, Heyuan City, Guangdong Province
Factory : ZOWEE TECHNOLOGY (HEYUAN) Co., Ltd
Address : Runye Precision Manufacturing Industrial Park, among the north of Xiangjing Road, the west of Xinpi Road and the south of Yangzi Road, located in the High-tech Zone, Heyuan City, Guangdong Province
Date of Receipt : Apr. 15, 2024
Date of Test : Apr. 16, 2024 ~ Apr. 28, 2024
Issued Date : May 13, 2024
Report Version : R00
Test Sample : Engineering Sample No.: SSL2024041561
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091 & KDB 447498 D01 v06

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 No.	Version	Description	Issued Date	Note
BTL-FCCP-4-2404G060	R00	Original Report.	May 13, 2024	Valid

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

2. ANTENNA SPECIFICATION

For 2.4GHz:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	NHAIT	549AA-HT-0412-2	FPC	N/A	2.15

Note: The antenna gain is provided by the manufacturer.

For 5GHz:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	NHAIT	549AA-HT-0412-2	FPC	N/A	3.77

Note: The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

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
2.15	1.6406	20.07	101.6249	0.03319	1	Complies

For 5GHz:

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
3.77	2.3823	19.21	83.3681	0.03953	1	Complies

Note:

1) The calculated distance is 20 cm.

2) WLAN 2.4GHz and WLAN 5GHz can not simultaneous transmission.

End of Test Report