NVLAP TESTING NVLAP LAB CODE 600354-0

FCC RF EXPOSURE REPORT

FCC ID: 2BCGWC425V1

Project No.	:	2311G133
Equipment	:	Smart Wire-Free Security Camera
Brand Name	:	tp-link
Test Model	:	Tapo C425
Series Model	:	TC85
Applicant	:	TP-LINK CORPORATION PTE. LTD.
Address	:	7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987
Manufacturer	:	TP-LINK CORPORATION PTE. LTD.
Address	:	7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987
Date of Receipt	:	Jan. 03, 2024
Date of Test	:	Jan. 04, 2024 ~ Feb. 06, 2024
Issued Date	:	Feb. 21, 2024
Report Version	:	R00
Test Sample	:	Engineering Sample No.: SSL2024010341
Standard(s)	:	FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091 FCC Title 47 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 No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2311G133	R00	Original Report.	Feb. 21, 2024	Valid

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 3 Jinshagang 1st Rd. Shixia, Dalang Town, Dongguan City, Guangdong 523792.
BTL's Registration Number for FCC: 162128
BTL's Designation Number for FCC: CN5042

2. 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	tp-link	N/A	Dipole	N/A	0
2	tp-link	N/A	Dipole	N/A	0

Note:
1) The antenna gain is provided by the manufacturer.
2) The Ant.2 is the reserve antenna.

3. 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
0	1.00	23.18	207.9697	0.04140	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report