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| Product Name: Tapo Smart Contact Sensor | Report No: FCC022022-05740RF14 |
| Product Model: Tapo T110 | Security Classification: Open |
| Version: V1.0 | Total Page: 4 |

TIRT Testing Report



| Prepared By: | Checked By: | Approved By: | A circular blue stamp with the text "TIRT Shenzhen" and "Beijing TIRT Technology Service Co., Ltd" around the perimeter. |
|---------------------|--------------------|---------------------|--|
| Stone Tang | Randy Lv | Daniel Chen | |
| <i>Stone Tang</i> | <i>Randy Lv</i> | <i>Daniel Chen</i> | |

FCC RF EXPOSURE REPORT

FCC ID: 2AXJ4T110

This report concerns: Class II Permissive Change

Project No. : 2022-05740
Equipment : Tapo Smart Contact Sensor
Brand Name : tp-link
Test Model : Tapo T110
Series Model : N/A
Applicant : TP-Link Corporation Limited
Address : Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road,
Tsim Sha Tsui, Kowloon, Hong Kong
Manufacturer : TP-Link Corporation Limited
Address : Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road,
Tsim Sha Tsui, Kowloon, Hong Kong
Date of Receipt : 2022.11.03
Date of Test : 2022.11.03 ~ 2022.11.08
Issued Date : 2022.11.09
Report Version : V1.0
Test Sample : Engineering Sample No.: 20221103019320
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091

- The test result referred exclusively to the presented test model /sample.
- Without written approval of TIRT Inc. the test report shall not reproduced except in full.

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REPORT ISSUED HISTORY

| Report No. | Version | Description | Issued Date | Note |
|---------------------|---------|--|-------------|-------|
| FCC022022-05740RF14 | V1.0 | Compared with original report (BTL-FCCP-2-2103C168B), added the nominal operating frequency (920.9MHz, 921.7MHz) which does not affect the test results. The rest are kept the same. | 2022.11.09 | Valid |

1. TEST FACILITY

| | |
|---|--|
| Company: | Beijing TIRT Technology Service Co.,Ltd Shenzhen |
| Address: | 101, 3 # Factory Building, Gongjin Electronics Shatin Community, Kengzi Street, Pingshan District, Shenzhen, China |
| CNAS Registration Number: | CNAS L14158 |
| A2LA Registration Number: | 6049.01 |
| FCC Accredited Lab. Designation Number: | CN1309 |
| FCC Test Firm Registration Number: | 825524 |
| Telephone: | +86-0755-27087573 |

2. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

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

Antenna Specification:

| Ant. | Brand | P/N | Antenna Type | Connector | Gain (dBi) |
|------|---------|--------------------------|--------------|-----------|------------|
| 1 | tp-link | Antenna_Tapo T110(US)1.0 | Internal | N/A | -2.61 |

Note: The antenna gain is provided by the manufacturer.

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 |
|--------------------|------------------------|-------------------------|------------------------|---|--|-------------|
| -2.61 | 0.5483 | 9.076 | 8.0835 | 0.0009 | 1 | Complies |

Note: The calculated distance is 20 cm.

Output power including tune up tolerance.

End of Test Report