

EU-TYPE EXAMINATION CERTIFICATE

No

0370-RED-5709

| | | |
|-------------------------------------|---|---|
| ISSUED BY | LGAI Technological Center, SA – NB No. 0370 (APPLUS) | |
| APPLICANT | Wireless-Tag Technology Co., Ltd. 801, Block A, Building 6, Shenzhen International Innovation Valley, Dashi Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China | |
| MANUFACTURER (Name, Address) | Wireless-Tag Technology Co., Ltd. 801, Block A, Building 6, Shenzhen International Innovation Valley, Dashi Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China | |
| COMMERCIALISED BY (Brand) | Wireless-tag | |
| PRODUCT | WIFI Module | |
| TYPES | WT8266-S2 | |
| HW / SW / FMW version | SW: v1.0 HW: v1.0 | |
| APPLICABLE DIRECTIVE | DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 16 APRIL 2014 ON THE HARMONISATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE MAKING AVAILABLE ON THE MARKET OF RADIO EQUIPMENT | |
| DESCRIPTION | The device is WIFI Module with WiFi 2.4G. | |
| MEET ESSENTIAL REQUIREMENTS | Art.3.1 (a) Health & Safety <input checked="" type="checkbox"/> | Art.3.2 Efficient use of Radio spectrum <input checked="" type="checkbox"/> |
| | Art.3.1 (b) EMC <input checked="" type="checkbox"/> | Art.3.3 Requirements for specific categories or classes of RED (d) <input type="checkbox"/> (e) <input type="checkbox"/> (f) <input type="checkbox"/> (g) <input type="checkbox"/> |

This document is not valid without its technical annex, whose number matches with the number of this certificate.
 The evaluation of the technical documentation delivered is included in the technical file number: 22/36404931

Restrictions (if applicable): N/A
 Bellaterra, 15th November, 2022

José Luis Medina
 Director
 Electrical & Electronics – Spain



You can check the validity of this certificate in our website

The manufacturer, after the completion of the technical documentation, the conformity assessment procedures and the EU Declaration of conformity, may affix the CE Marking under his responsibility.



This Certificate is valid as long as there are no changes in the state of the Art indicating that the approved radio equipment can no longer meet the essential requirements of Directive 2014/53/EU and there are no notifications of the approved type that may affect the accordance with the essential requirements of Directive 2014/53/EU.

TECHNICAL ANNEX

0370-RED-5709

A. MODEL DESCRIPTION

A.1. GENERAL INFORMATION ON THE RADIO EQUIPMENT:

Manufacturing country: China
Brand: Wireless-tag
Commercial designation: Wireless-tag
Country of commercialization: European Union
Radio service: WIFI 2.4G
Application: WIFI Module

A.1.1 TRADE VERSIONS/VARIANTS: WT8266-S2

A.2. FEATURES: WIFI Module

A.3. SOFTWARE VERSION(S): v1.0

A.4. HARDWARE VERSION(S): v1.0

A.5. OTHER COMPONENTS

Disposable antenna YES **Antenna gain (dBi):** 2dBi
NO

A.6. OPERATING FREQUENCIES AND MAXIMUM POWER EMITTED BY BAND

| BAND | Service | Operational frequency | | Max power** | CNAF IR | CNAF/UN-XXX |
|--------|-------------|-----------------------|--------------------|-------------|---------|-------------|
| Band 1 | WiFi 2.4GHz | F_min : 2412MHz | F_max : 2472MHz | 14.12dBm | IR-163 | UN-85 |

N/A: Not applicable
N/D: Not defined

* Conducted power for mobile technologies and EIRP for other technologies.

A.7. OTHER PARAMETERS OF RADIO INTERFACE SPECIFICATIONS (RI)

Requires license/Use authorization: YES NO

TECHNICAL ANNEX

0370-RED-5709

B. TEST PROTOCOL

| REQUIREMENT | STANDARD | Laboratory | Report no. |
|---|------------------------------|------------------------------|-------------------|
| Health and Safety Article 3.1(a) | EN IEC 62368-1:2020+A11:2020 | Shenzhen Microtest Co., Ltd. | MTi220725004-02S1 |
| | EN IEC 62311:2020 | | MTi220725004-03E3 |
| | EN 50665:2017 | | |
| EMC Article 3.1(b) | ETSI EN 301 489-1 V2.2.3 | Shenzhen Microtest Co., Ltd. | MTi220725004-03E2 |
| | ETSI EN 301 489-17 V3.2.4 | | |
| | EN 55032:2015+A1:2020 | | MTi220725004-01E1 |
| | EN 55035:2017+A11:2020 | | |
| Efficient use of Radio spectrum Article 3.2 | ETSI EN 300 328 V2.2.2 | Shenzhen Microtest Co., Ltd. | MTi220725004-03E1 |

C. RESTRICTIONS (IF POSITIVE)

Restrictions YES NO

Describe restrictions: N/A

TECHNICAL ANNEX

0370-RED-5709

D. ACTIVITIES CARRIED OUT BY THE NB

Technical Documentation Review

- | | | |
|---|---|--|
| <input type="checkbox"/> Assembly drawings(s) | <input checked="" type="checkbox"/> Block diagram | <input checked="" type="checkbox"/> Circuit diagram/schematics |
| <input checked="" type="checkbox"/> External photographs | <input checked="" type="checkbox"/> Label drawing/location | <input checked="" type="checkbox"/> User manual |
| <input checked="" type="checkbox"/> Internal photographs | <input checked="" type="checkbox"/> Operational description | <input checked="" type="checkbox"/> Risk Assessment |
| <input checked="" type="checkbox"/> Test set-up photographs | <input checked="" type="checkbox"/> Test reports | <input checked="" type="checkbox"/> EU declaration of conformity |
| <input checked="" type="checkbox"/> Bill of materials | <input checked="" type="checkbox"/> PCB layout | |
| <input type="checkbox"/> Installation diagrams and explanations | <input checked="" type="checkbox"/> List of applied (harmonized and non-harmonized) standards | |

Other activities

- RIS
- EFIS/CNAF
- Review Technical Justifications
- Analysis report
- EU type certification issued

E. ADDITIONAL INFORMATION:

Radio Equipment Directive 2014/53/EU, Article 10.4: Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.

Radio Equipment Directive 2014/53/EU, Annex III, Module B.Z: The manufacturer shall inform the notified body that holds the technical documentation relating to the EU-type examination certificate of all modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of this Directive or the conditions for validity of that certificate. Such modifications shall require additional approval in the form of an addition to the original EU-type examination certificate.

This review includes draft standards, deviations from the standards and technical justification for compliance.