

EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB
Notified Body Number **0700**



BNetzA-bs-02/51-55

This is to certify that:

PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	21-211240
Manufacturer	Cao Gadgets LLC.
Address	50 Tesla, Irvine, CA 92618, USA
Product Description	Outdoor Probe; with Non-Specific SRD
Brand Name / Model Name	Wireless Sensor Tags / ZGW11, Outdoor Probe

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	Conform
Article 3.1 b): Electromagnetic Compatibility	Conform
Article 3.2: Effective and Efficient Use of Radio Spectrum	Conform
Additional Essential Requirements:	Not applicable

Date of issue	2021-12-06	Expiry date:	2026-12-05
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This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.



The attached Annex forms part of this certificate. This certificate consists of 3 pages.

Signed by Wayne Hsu
Notified Body

Annex

Technical description

Frequency Range	433.92 MHz
Transmit Power	-12.69 dBm ERP
Hardware Version	2.0
Software Version	2.0

System Components

Battery	Xeno Energy; XL-050F 1/2AA, 3.6V/1200mAh
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Optional Components

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Approval documentation Technical Documentation including Wireless Sensor Tags_ZGW11
External / Internal Photos, User Manual, Label, Block Diagram,
Circuit Diagram, Operational Description, PCB Layout, Parts
Placement, Parts List

EU Declaration of Conformity 2 pages, 23 September, 2021

Explanation of compliance
Article 10(2) and Article 10(10) Description in the User Manual

Further Documents Risk Assessment, 9 pages, 23 September, 2021


Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 62368-1:2014/A11:2017	Shenzhen STS Test Services Co., Ltd.	STS2101045A01
EN 50663: 2017	Shenzhen STS Test Services Co., Ltd.	STS2101045H01
ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.1.1	Shenzhen STS Test Services Co., Ltd.	STS2101045E01
ETSI EN 300 220-1 V3.1.1 ETSI EN 300 220-2 V3.2.1	Shenzhen STS Test Services Co., Ltd.	STS2101045W01

Limitations / Restrictions

- Operating Temperature range is -40 ~ +80 degree Celsius.
- The SRD receiver fulfills the requirements of category 2.

Notes

1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.
2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.
3. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.
4.  The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.
5. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.