TEST REPORT

Issued for

Acrel Co., Ltd.

No.253, Yulv Road, Jiading District, Shanghai, China

Product Name:	Wireless Temperature Sensor
Brand Name:	Acrel
Model Name:	ATC600-C
Series Model:	ATE100,ATE100M,ATE100P,ATE200,ATE200P, ATE400, ATC450-C
Test Standard:	EN 62311: 2020
Issued By: Flux Compliance Service Laboratory Add: Room 105 Floor Bao hao Technology Building 1 NO.15 Gong ye West Road Hi-Tech Industrial, Song shan lake Dongguan Tel: 769-27280901 Fax:769-27280901 http://www.fcs-lab.com	

TEST RESULT CERTIFICATION

Applicant's Name ..... :	Acrel Co., Ltd.
Address..... :	No.253, Yulv Road, Jiading District, Shanghai, China
Manufacture's Name ..... :	Jiangsu Acrel Electrical Manufacturing. Co., Ltd.
Address..... :	No.5, Dongmeng Road, Nanzha Street, Jiangyin City, Jiangsu Province, China

Product Description

Product Name ..... :	Wireless Temperature Sensor
Brand Name ..... :	Acrel
Model Name..... :	ATC600-C
Series Model..... :	ATE100,ATE100M,ATE100P,ATE200,ATE200P,ATE400, ATC450-C
Test Standards..... :	EN 62311: 2020

This device described above has been tested by FCS, and the test results show that the equipment under test (EUT) is in compliance with the 2014/53/EU RED Directive requirements. And it is applicable only to the tested sample identified in the report.
This report shall not be reproduced except in full, without the written approval of FCS, this document may be altered or revised by FCS, personal only, and shall be noted in the revision of the document.

Date of Test..... :

Date (s) of performance of tests :	May. 20, 2021 ~ May. 25, 2021
Date of Issue..... :	May. 25, 2021
Test Result..... :	Pass

Tested by : Scott shen

(Scott Shen)

Reviewed by : Duke Qian

(Duke Qian)

Approved by :

(Kait Chen)

TABLE OF CONTENT

Description Page

1. GENERAL INFORMATION

1.1 Assess Standard

According to its specifications, the EUT must comply with the requirements of the following standards: EN 62311: 2020 [Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)]

1.2 Assess Laboratory

Flux Compliance Service Laboratory
Room 105 Floor Bao hao Technology Building 1 NO.15 Gong ye West Road Hi-Tech Industrial, Song shan lake Dongguan, Guangdong, China

2. CONFORMITY ASSESSMENT METHODS

A. Typical usage, installation and the physical characteristics of equipment make it inherently compliant with the applicable EMF exposure levels such as those listed in the bibliography. This low-power equipment includes unintentional (or non-intentional) radiators, for example incandescent light bulbs and audio/visual (A/V) equipment, information technology equipment (ITE) and multimedia equipment (MME) that does not contain radio transmitters.
NOTE Equipment is described as A/V equipment, ITE or MME if its main use is playback/recording of music, voice or images, or processing of digital information.

B. The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in 4.2.

C. The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in 4.2.

D. Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in 4.2.

3. ASSESS RESULT

It is found that the max result is 4.86dBm (3.06mW) less than 20 mW (please refer to the test report “FCS202105023W01”. The SAR-based Pmax follows Guideline / Standard: ICNIRP. Therefore, the EUT is deemed to comply with EMF basic restrictions

……END OF REPORT……