


## TEST REPORT



Applicant	Zhiwei Robotics Corp.
Address	Room 603, 2 Boyun Road, Pudong, Shanghai P.R. China

Manufacturer or Supplier	Zhiwei Robotics Corp.	
Address	Room 603, 2 Boyun Road, Pudong, Shanghai P.R. China	
Product	UNIIKER	
Brand Name	N/A	
Model	DFR0706	
Additional Models & Model Difference	N/A	
Date of tests	Dec. 02, 2022 ~ Feb. 06, 2023	

The submitted sample of the above equipment has been tested according to the requirements of the following standard:

- ☒ EN 62479:2010
- ☒ EN 50663:2017

**CONCLUSION: The submitted sample was found to COMPLY with the test requirement**

Tested by Andy Zhu Supervisor / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	

Date: Mar. 09, 2023

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Test Report No.: SE2211WDG0121-1

## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SE2211WDG0121-1	Original release	Mar. 09, 2023

## 1. GENERAL INFORMATION

### 1.1. GENERAL DESCRIPTION OF EUT

<b>PRODUCT</b>	UNIIKER
<b>MODEL NO.</b>	DFR0706
<b>ADDITIONAL MODEL</b>	N/A
<b>NOMINAL VOLTAGE</b>	DC 5V From USB host unit
<b>MODULATION TECHNOLOGY</b>	FHSS, DTS
<b>MODULATION TYPE</b>	GFSK, $\pi/4$ DQPSK, 8DPSK For FHSS BT-LE(GFSK) for DTS
<b>OPERATING FREQUENCY</b>	2402MHz ~ 2480MHz
<b>EIRP (MAX.)</b>	3.52dBm
<b>ANTENNA TYPE</b>	PCB Antenna, -2.16dBi Gain
<b>CABLE SUPPLIED</b>	USB Line: Unshielded, detachable, 1.0m

#### NOTES:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. For the test results, the EUT had been tested with all conditions, but only the worst case was shown in test report.
3. Please refer to the EUT photo document (Reference No.: 2211WDG0121) for detailed product photo.

## 2. RF EXPOSURE MEASUREMENT

### 2.1 INTRODUCTION

This International Standard provides simple conformity assessment methods for low-power electronic and electrical equipment to an exposure limit relevant to electromagnetic fields (EMF). If such equipment cannot be shown to comply with the applicable EMF exposure requirements using the methods included in this standard for EMF assessment, then other standards, including IEC 62311 or other (EMF) product standards, may be used for conformity assessment. This European Standard supersedes EN 50371.

### 2.2 COMPLIANCE CRITERIA

Compliance of electromagnetic emissions from electronic and electrical equipment with the basic restrictions usually is determined by measurements and, in some cases, calculation of the exposure level. If the electrical power used by or radiated by the equipment is sufficiently low, the electromagnetic fields emitted will be incapable of producing exposures that exceed the basic restrictions. This standard provides simple EMF assessment procedures for this low power equipment.

Any relevant compliance assessment procedure which is consistent with the state of the art, reproducible and gives valid results can be used.

For transmitters intended for use with more than one antenna configuration option, the combination of transmitter and antenna(s) which generates the highest available antenna power and/or average total radiated power shall be assessed.

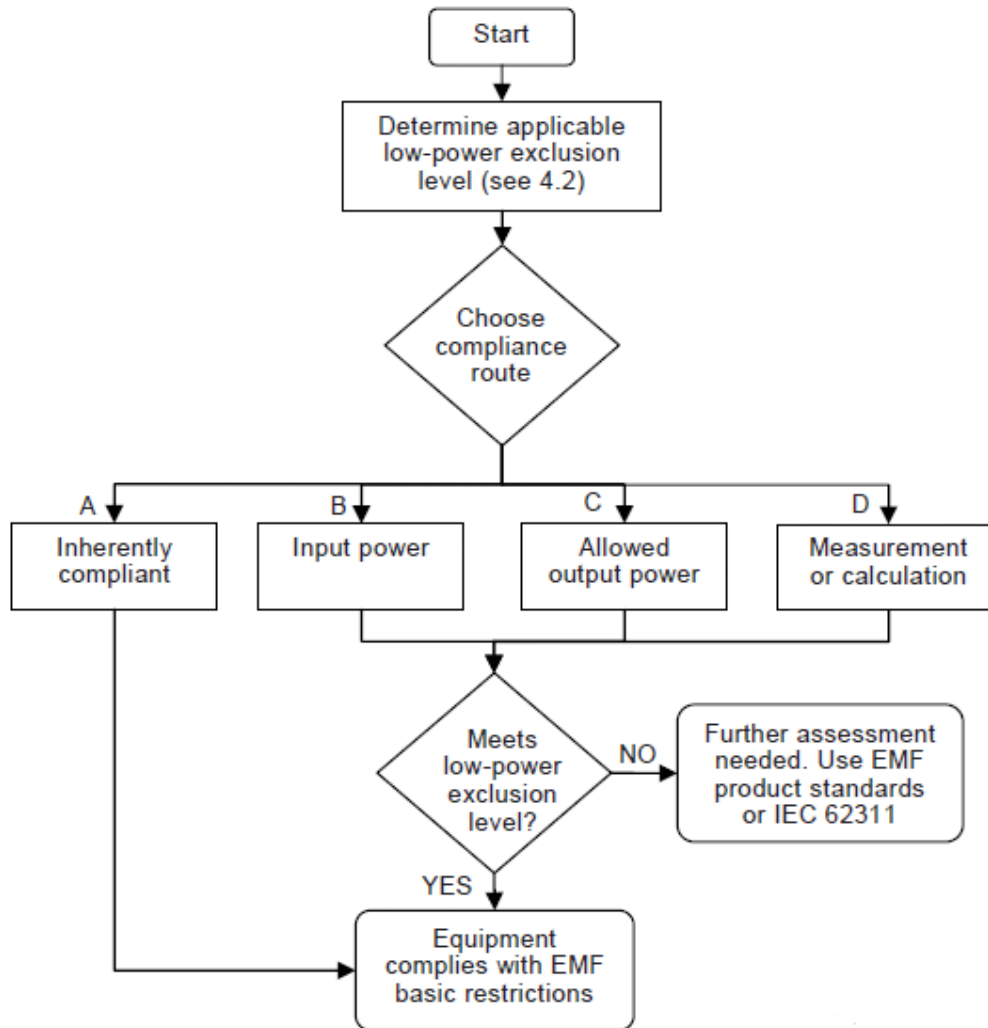
### 2.3 NORMATIVE REFERENCE

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

Publication	Title	EN/HD
IEC 62311 (mod)	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz -300 GHz)	EN IEC 62311: 2020

**NOTE:** When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

## 2.4 ROUTES TO SHOW COMPLIANCE WITH LOW-POWER EXCLUSION LEVEL



## 2.5 TEST RESULTS

### CALCULATION FOR MAXIMUM EIRP:

AV Power (EIRP)(dBm)	Power (EIRP)(mW)	Low-power exclusion level (mW)
3.52	2.2491	20