



# EN62479 TEST REPORT

**Product :** LoRa RF Transceiver Module

**Trade Mark :** G-NiceRF

**Model Name :** LoRa 1276-C1-868

**Serial Model :** N/A

**Report No. :** SER171019767003E

## Prepared for

NiceRF Wireless Technology LTD.

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## TEST RESULT CERTIFICATION

**Applicant's name** ..... : NiceRF Wireless Technology LTD.  
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**Manufacturer's Name** ..... : NiceRF Wireless Technology LTD.  
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### Product description

**Product name** ..... : LoRa RF Transceiver Module  
**Trademark** ..... : G-NiceRF  
**Model and/or type reference** : LoRa 1276-C1-868  
**Serial Model**..... : N/A  
**Rating(s)** ..... : DC3.3V

**Standards** ..... : EN 62479:2010

This device described above has been tested by Shenzhen NTEK, and the test results show that the equipment under test (EUT) is in compliance with the 2014/53/EU Directive Art.3.1(a) requirements. And it is applicable only to the tested sample identified in the report.

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### Date of Test .....

**Date (s) of performance of tests**..... : 19 Oct. 2017 ~06 Nov. 2017

**Date of Issue** ..... : 06 Nov. 2017

**Test Result**..... : **Pass**

**Testing Engineer** :

*Susan Su*

(Susan Su)

**Technical Manager** :

*Jason Chen*

(Jason Chen)

**Authorized Signatory** :

*Sam Chen*

(Sam Chen)



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## 1. GENERAL INFORMATION

### 1.1 GENERAL DESCRIPTION OF EUT

Equipment	LoRa RF Transceiver Module	
Trade Mark	G-NiceRF	
Model Name.	LoRa 1276-C1-868	
Serial Model	N/A	
Model Difference	N/A	
Product Description	The EUT is LoRa RF Transceiver Module	
	Operation Frequency:	863 MHz to 870 MHz 870 MHz to 875.8 MHz
	Antenna Designation:	ANT A: Cable antenna ANT B: Spring antenna
	Antenna Gain(Peak)	ANT A :2.15 dBi ANT B :2.15dBi
	EIRP Power:	863.5: 9.15dBm 866.5: 9.59dBm, 869.5: 9.37dBm 870.5: 10.16dBm, 873.5: 10.15dBm, 875.5: 10.12dBm
	Modulation Type:	GFSK
Based on the application, features, or specification exhibited in User's Manual, More details of EUT technical specification, please refer to the User's Manual.		
Power Rating	DC3.3V	
Adapter	N/A	
Battery	N/A	
Hardware Version	V1.0	
Software Version	V1.0	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

## 2.EN 62479 REQUIREMENT

### 2.1 GENERAL INFORMATION

According to its specifications, the EUT must comply with the requirements of the following standards:

EN 62479: 2010 [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)]

### 2.2 LIMIT

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. RESULT

The available antenna power of this EUT is **863.5: 8.22mW (9.15dBm)**, **866.5: 9.10mW (9.59dBm)**, **869.5: 8.65mW (9.37dBm)** **870.5: 10.38mW (10.16dBm)**, **873.5: 10.35mW (10.15dBm)**, **875.5: 10.28mW (10.12dBm)** the power are below the low-power exclusion level defined in 4.2(Pmax: 20mW).”