

**TCB****GRANT OF EQUIPMENT  
AUTHORIZATION****TCB**

**Certification**  
**Issued Under the Authority of the**  
**Federal Communications Commission**  
**By:**

**MiCOM Labs**  
**575 Boulder Court**  
**Pleasanton, CA 94566**

**Date of Grant: 10/16/2019**  
**Application Dated: 10/16/2019**

**Shenzhen HOPE Microelectronics Co., Ltd**  
**2/F, 3 Building, Minqi Technology Park**  
**Pingshan Village, Xili Town, Nanshan District**  
**Shenzhen, Guangdong,**  
**China**

**Attention: xiaolei zou , Manager**

**NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is  
VALID ONLY for the equipment identified hereon for use under the Commission's  
Rules and Regulations listed below.

**FCC IDENTIFIER:** 2ASEORFM90C  
**Name of Grantee:** Shenzhen HOPE Microelectronics Co.,  
Ltd  
**Equipment Class:** Digital Transmission System  
**Notes:** LoRa Wireless module  
**Modular Type:** Single Modular

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
CC	15C	903.0 - 926.9	0.03062		

Single Modular Approval. Power listed is the maximum conducted output power. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product procedures. End-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. OEM integrators must be provided with antenna installation instructions. The OEM integrators must be instructed to ensure that the end user has no manual instructions to remove or install the device. OEM integrators and end-users must be provided with transmitter operation conditions for satisfying RF exposure compliance. Only those antennas tested with the device or similar antennas with equal or lesser gain may be used with this transmitter.

CC: This device is certified pursuant to two different Part 15 rules sections.