

**TCB****GRANT OF EQUIPMENT  
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the  
Federal Communications Commission****By:****PHOENIX TESTLAB GmbH  
Koenigswinkel 10  
32825 Blomberg,  
Germany****Date of Grant: 11/18/2019****Application Dated: 11/18/2019****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:** 2ASEO-HM-BT4502  
**Name of Grantee:** Shenzhen HOPE Microelectronics Co., Ltd  
**Equipment Class:** Digital Transmission System  
**Notes:** Bluetooth Low Energy (BLE) 5.0 Data Pass-through 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>
	15C	2402.0 - 2480.0	0.005		

Output power is maximum peak conducted. Modular Approval for mobile RF Exposure conditions, the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not in conjunction with any other antenna or transmitter. Approval is limited to OEM installation only. OEM integrators must be provided with antenna installation instructions. OEM integrators and end-users must be provided with transmitter operating conditions for satisfying RF exposure compliance. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device. Only the antenna(s) listed in this filing can be used with this device. Use of additional antenna(s) are subject to the requirements of 15.204(c)(4).