

TCB**GRANT OF EQUIPMENT
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the
Federal Communications Commission****By:****Timco Engineering, Inc.
849 NW State Road 45
Newberry, FL 32669****Date of Grant: 03/27/2018****Application Dated: 03/26/2018****Texas Instruments Incorporated
12500 TI Boulevard
M/S D2000
Dallas, TX 75243****Attention: Mattias Lange , GM, Embedded
Connectivity Solutions****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: Z64-WL18DBMOD
Name of Grantee: Texas Instruments Incorporated
Equipment Class: **Unlicensed National Information
Infrastructure TX**
Notes: **WiFi and Bluetooth 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	15E	5180.0 - 5240.0	0.0499		
CC ND	15E	5260.0 - 5320.0	0.0525		
CC	15E	5745.0 - 5825.0	0.0614		
CC ND	15E	5500.0 - 5700.0	0.0698		

Single Modular Approval. Power listed is conducted. Approval is limited to OEM installation only. Compliance of this device in all final host configurations is the responsibility of the Grantee. This device is to be used only for mobile and fixed applications. 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 transmit simultaneously with any other antenna or transmitter, except in accordance with FCC multi-transmitter product procedures. OEM integrators must be provided with antenna installation instructions and labeling requirements for finished products. OEM integrators and end-Users must be provided with transmitter operation 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. Separate approval is required for all other operating configurations, including portable configurations with respect to 2.1093 and different antenna configurations. This device has a 20 and 40 MHz bandwidth mode. Class II Permissive Change: This Class II Permissive Change is to add the following antennas: LSR 2.5 dBi PIFA (P/Ns 001-0016 and 001-0021) and LSR 2 dBi Rubber Whip/Dipole (P/Ns 001-0012, 080-0013, and 080-014).

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

ND: This UNII device complies with the Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) requirements in Section 15.407(h).