

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: 02/21/2018**Application Dated: 02/14/2018**

**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-WL18SBMOD

Name of Grantee: Texas Instruments Incorporated

Equipment Class: Digital Transmission System

Notes: WiFi and Bluetooth Module

Modular Type: Single Modular

Grant Notes	FCC Rule Parts	Frequency Range (MHz)	Output Watts	Frequency Tolerance	Emission Designator
CC MO	15C	2402.0 - 2480.0	0.01		
CC MO	15C	2412.0 - 2462.0	0.2438		
CC MO	15C	2422.0 - 2452.0	0.1052		

Single Modular Approval. Power listed is maximum combined conducted output power. Device operates with specific antennas in MIMO configurations as described in this filing. 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 20-cm from all persons and must not transmit simultaneously with any other antenna or transmitter, except as in accordance with FCC multi-transmitter product procedures. The antenna(s) used for this transmitter must not exceed a maximum gain of 2.5 dBi. OEM integrators must be provided with antenna installation instructions and labeling requirements for finished products. 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. (Original Grant 02/03/2014) 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). This module can only be used with a host antenna circuit trace layout design in strict compliance with the OEM instructions provided.

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

MO: This Multiple Input Multiple Output (MIMO) device was evaluated for multiple transmitted signals as indicated in the filing.