

TCB

GRANT OF EQUIPMENT
AUTHORIZATION

TCB

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

ACB, Inc.
6731 Whittier Avenue Suite C110
McLean, VA 22101

Date of Grant: 06/20/2019
Application Dated: 06/19/2019

SIMCom Wireless Solutions Limited
No.633 Jinzhong Road, Shanghai
Shanghai, 200335
China

Attention: Yongsheng Li , Manage

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: 2AJYU-8PYA001
Name of Grantee: SIMCom Wireless Solutions Limited
Equipment Class: PCS Licensed Transmitter
Notes: LTE /HSPA/GSM/GNSS 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>
BC	22H	824.2 - 848.8	2.57	2.5 PM	300KGXW
BC	22H	824.2 - 848.8	1.175	2.5 PM	300KG7W
BC	24E	1850.2 - 1909.8	1.288	2.5 PM	300KGXW
BC	24E	1850.2 - 1909.8	0.912	2.5 PM	300KG7W
BC	24E	1852.4 - 1907.6	0.187	2.5 PM	4M50F9W
BC	22H	826.4 - 846.6	0.233	2.5 PM	4M50F9W
BC	24E	1860.0 - 1900.0	0.208	2.5 PM	17M8G7D
BC	24E	1855.0 - 1905.0	0.214	2.5 PM	8M91G7D
BC	24E	1855.0 - 1905.0	0.212	2.5 PM	4M88W7D
BC	24E	1860.0 - 1900.0	0.177	2.5 PM	5M00W7D
BC	27	1717.5 - 1747.5	0.233	2.5 PM	13M3G7D
BC	27	1720.0 - 1745.0	0.221	2.5 PM	17M8G7D
BC	27	1720.0 - 1745.0	0.21	2.5 PM	4M98W7D
BC	27	824.7 - 848.3	0.298	2.5 PM	1M08G7D
BC	27	829.0 - 844.0	0.284	2.5 PM	8M94G7D
BC	27	829.0 - 844.0	0.262	2.5 PM	4M89W7D
BC	27	1715.0 - 1775.0	0.234	2.5 PM	8M91G7D
BC	27	1715.5 - 1772.5	0.214	2.5 PM	4M93W7D
BC	27	1720.0 - 1770.0	0.232	2.5 PM	17M9G7D
BC	27	1720.0 - 1770.0	0.209	2.5 PM	4M99W7D

Power out is conducted at the antenna terminal. Single Modular Approval.

ERP for part 22 is 32.9dBm and EIRP for part 24/27 is 29.2dBm/21.8dBm. This device is to

be used only for mobile and fixed application. 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 evaluation procedures as documented in this filing. End-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. OEM integrators must insure that the end user has no manual instructions to remove or install the SIM7600SA and SIM7600SA miniPCIE module. For mobile and fixed operating configurations the antenna gain, including cable loss, must not exceed 0.91 dBi at 850 MHz, 3.12 dBi at 1700 MHz and 1.87 dBi at 1900 MHz as defined in 2.1091 for satisfying RF exposure compliance. Under no condition may an antenna gain be used that would exceed the 7W erp Part 22, 1W eirp Part 27 and 2W eirp Part 24 power limits.

This device contains GSM/WCDMA/LTE functions that are not operational in U.S. Territories. This device has 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz and 20 MHz bandwidth modes for LTE Bands 2, 4, 66 and 1.4 MHz, 3 MHz, 5 MHz and 10 MHz bandwidth modes for LTE Band 5.

This module can only be used with a host antenna circuit trace layout design in strict compliance with the OEM instructions provided.

BC: The output power is continuously variable from the value listed in this entry to 5%-10% of the value listed.