

Certification

Issued Under the Authority of the
Federal Communications Commission

By:

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

Date of Grant: 07/16/2017

Application Dated: 07/13/2017

Shanghai Simcom Ltd.
SIM Technology Building, No. 633, Jinzhong Road,
Changning District, Shanghai, P.R. China P.O. Box 200233,
Shanghai,
China

Attention: yongsheng Li , Deputy General 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: UDV-201706
Name of Grantee: Shanghai Simcom Ltd.
Equipment Class: Licensed Non-Broadcast Station Transmitter
Notes: LTE-FDD 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 | 27 | 777.0 - 787.0 | 0.2472 | 0.1 PM | 9M01W7D |
| BC | 27 | 777.0 - 787.0 | 0.2198 | 0.1 PM | 4M5G7D |
| BC | 27 | 1710.0 - 1755.0 | 0.2301 | 0.1 PM | 17M98W7 |
| BC | 27 | 1710.0 - 1755.0 | 0.2104 | 0.1 PM | 4M51G7D |

Single Modular Approval. Power out is conducted at the antenna terminal. ERP/EIRP for part 27 is 23.91 dBm/23.58 dBm. 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. End- Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. OEM integrators must ensure that the end user has no manual instructions to remove or install the SIM7500V module. For mobile and fixed operating configurations the antenna gain, including cable loss, are 3.49 dBi at 1700 MHz and 2.2 dBi at 700 MHz as defined in 2.1091 for satisfying RF exposure compliance. Under no condition may an antenna gain be used that would exceed the 1W EIRP Part 27 and the 3W ERP Part 27 power limits. The Grantee is responsible for providing the documentation required for modular use. This device contains LTE functions that are not operational in U.S. territories. This filing is only applicable for 700 MHz MBS and 1700 MHz AWS operations.

This device has 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz and 20 MHz bandwidth modes for LTE Band 4; 5 MHz and 10 MHz bandwidth modes for LTE Band 13.

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.