

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: 12/25/2014 Application Dated: 12/23/2014

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-SIM7100A Name of Grantee: Shanghai Simcom Ltd. Equipment Class: PCS Licensed Transmitter Notes: LTE/WCDMA Module Modular Type: Single Modular

Table with 6 columns: Grant Notes, FCC Rule Parts, Frequency Range (MHZ), Output Watts, Frequency Tolerance, Emission Designator. It lists 30 rows of equipment specifications.

BC	24E	1850.7 - 1909.3	0.2	3.9 Hz	1M10D7W
BC	24E	1851.5 - 1908.5	0.19	9.2 Hz	2M75G7D
BC	24E	1851.5 - 1908.5	0.2	5.1 Hz	2M76D7W
BC	24E	1852.5 - 1907.5	0.2	6.8 Hz	4M52G7D
BC	24E	1852.5 - 1907.5	0.2	4.0 Hz	4M51D7W
BC	24E	1855.0 - 1905.0	0.2	5.7 Hz	9M07G7D
BC	24E	1855.0 - 1905.0	0.17	6.3 Hz	9M07D7W
BC	24E	1857.5 - 1902.5	0.2	5.7 Hz	13M5G7D
BC	24E	1857.5 - 1902.5	0.17	8.0 Hz	13M5D7W
BC	24E	1860.0 - 1900.0	0.2	4.8 Hz	18M0G7D
BC	24E	1860.0 - 1900.0	0.18	3.9 Hz	18M0G7D
BC	22H	826.4 - 846.6	0.22	6.3 Hz	4M19F9W
BC	24E	1852.4 - 1907.6	0.17	5.5 Hz	4M17F9W

Single Modular Approval. Power listed is conducted average.

The maximum antenna gain including cable loss for compliance with radiated power limits, RF exposure requirements and the categorical exclusion requirements of 2.1091 is 3.4dBi for 1900 MHz; 1.9dBi for 1700&2100MHz; 1 dBi for 700 MHz and 2.8 dBi for 850 MHz. This transmitter is certified for fixed and mobile installations and the transmitter antenna must be installed to provide a separation distance of at least 20 cm from all persons. The transmitter antenna must not be co-located or operated in conjunction with any other transmitter antenna, except in accordance with FCC multi-transmitter product procedures or as shown in this filing. End users and installers must be provided with instructions to satisfy RF exposure compliance requirements. Compliance of this device in all final product configurations is the responsibility of the Grantee. This device contains LTE/WCDMA functions that are not operational in U.S. territories. This filing is only applicable for 700 MHz MBS, 850 MHz Cell, 1700/2100 MHz AWS and 1900 MHz PCS operations.

This device has 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz and 20 MHz bandwidth modes for LTE Bands 2 and 4; 1.4 MHz, 3 MHz, 5 MHz and 10 MHz bandwidth modes for LTE Band 5; 5 MHz and 10 MHz bandwidth modes for LTE Band 17.

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

