

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: 03/20/2015  
Application Dated: 03/12/2015

**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-SIM800C**  
Name of Grantee: **Shanghai Simcom Ltd.**  
Equipment Class: **PCS Licensed Transmitter**  
Notes: **GSM/GPRS 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>
	<b>22H</b>	<b>824.2 - 848.8</b>	<b>1.95</b>	<b>22.3 Hz</b>	<b>248KGXW</b>
	<b>24E</b>	<b>1850.2 - 1909.8</b>	<b>0.98</b>	<b>22.46 Hz</b>	<b>247KGXW</b>

Single Modular Approval. Power out is conducted at the antenna terminal. ERP for part 22 is 34.73 dBm and EIRP for part 24 is 31.85 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 SIM800C module. For mobile and fixed operating configurations the antenna gain, including cable loss, must not exceed 3.0 dBi at 1900 MHz and 3.0 dBi at 850 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 and the 2W eirp Part 24 power limits. The Grantee is responsible for providing the documentation required for modular use. This device contains GSM/WCDMA functions that are not operational in U.S. Territories. This filing is only applicable for 850 MHz Cell and 1900 MHz PCS operations. This module can only be used with a host antenna circuit trace layout design in strict compliance with the OEM instructions provided.

