GRANT OF EQUIPMENT AUTHORIZATION

Certification

Issued Under the Authority of the **Federal Communications Commission**

By:

Bay Area Compliance Laboratory Corp. 1274 Anvilwood Avenue Sunnyvale, CA 94089

Date of Grant: 12/20/2017

Application Dated: 12/20/2017

Shanghai Yuge Information Technology Co., Ltd Room 603, Building No.E, 666 Shengxia Road ZhangJiangHigh-tech Park, Pudong Shanghai, China

Attention: Si Yu Su

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: 2AN95-CLM920

Name of Grantee: Shanghai Yuge Information Technology Co., Ltd

Equipment Class: PCS Licensed Transmitter 4G LTE Wireless Module Notes: Modular Type: Single Modular

| wiodular Type: Single w | louular | | | |
|-------------------------|---|---|---|---|
| FCC Rule Parts | Frequency Range (MHZ) | Output <u>Watts</u> | Frequency <u>Tolerance</u> | Emission Designator |
| 22H | 824.2 - 848.8 | 1.905 | 2.5 PM | 240KGXW |
| 22H | 824.2 - 848.8 | 0.417 | 2.5 PM | 246KG7W |
| 22H | 826.4 - 846.6 | 0.225 | 2.5 PM | 4M15F9W |
| 24E | 1850.2 - 1909.8 | 1.007 | 2.5 PM | 242KGXW |
| 24E | 1850.2 - 1909.8 | 0.36 | 2.5 PM | 244KG7W |
| 24E | 1852.4 - 1907.6 | 0.174 | 2.5 PM | 4M17F9W |
| 22H | 824.7 - 848.3 | 0.197 | 2.5 PM | 1M12G7D |
| 22H | 824.7 - 848.3 | 0.195 | 2.5 PM | 1M11D7W |
| 22H | 829.0 - 844.0 | 0.192 | 2.5 PM | 9M02G7D |
| 22H | 829.0 - 844.0 | 0.188 | 2.5 PM | 8M94D7W |
| 24E | 1851.5 - 1908.5 | 0.144 | 2.5 PM | 2M71G7D |
| 24E | 1851.5 - 1908.5 | 0.133 | 2.5 PM | 2M71D7W |
| 24E | 1860.0 - 1900.0 | 0.141 | 2.5 PM | 17M9G7D |
| 24E | 1860.0 - 1900.0 | 0.138 | 2.5 PM | 18M0D7W |
| 27 | 1711.5 - 1753.5 | 0.186 | 2.5 PM | 2M71G7D |
| 27 | 1711.5 - 1753.5 | 0.166 | 2.5 PM | 2M71D7W |
| 27 | 1720.0 - 1745.0 | 0.183 | 2.5 PM | 18M0G7D |
| 27 | 1720.0 - 1745.0 | 0.181 | 2.5 PM | 18M0D7W |
| 27 | 2507.5 - 2562.5 | 0.177 | 2.5 PM | 13M5G7D |
| 27 | 2507.5 - 2562.5 | 0.157 | 2.5 PM | 13M5D7W |
| 27 | 2510.0 - 2560.0 | 0.171 | 2.5 PM | 18M0G7D |
| 27 | 2510.0 - 2560.0 | 0.146 | 2.5 PM | 18M0D7W |
| | FCC Rule Parts 22H 22H 22H 24E 24E 24E 22H 22H 22H 22H 22H 22H 22H 22H 22H 24E 24E 24E 24E 24E 27 27 27 27 27 27 27 | Frequency Range (MHZ) 22H 824.2 - 848.8 22H 826.4 - 846.6 24E 1850.2 - 1909.8 24E 1850.2 - 1909.8 24E 1852.4 - 1907.6 22H 824.7 - 848.3 22H 829.0 - 844.0 24E 1851.5 - 1908.5 24E 1851.5 - 1908.5 24E 1860.0 - 1900.0 24E 1860.0 - 1900.0 27 1711.5 - 1753.5 27 1711.5 - 1753.5 27 1720.0 - 1745.0 27 27 27 27 27 27 27 27 27 2 | Frequency Range (MHZ) Watts 22H 824.2 - 848.8 1.905 22H 826.4 - 846.6 0.225 24E 1850.2 - 1909.8 1.007 24E 1850.2 - 1909.8 0.36 24E 1852.4 - 1907.6 0.174 22H 824.7 - 848.3 0.197 22H 829.0 - 844.0 0.192 22H 829.0 - 844.0 0.188 24E 1851.5 - 1908.5 0.144 24E 1851.5 - 1908.5 0.133 24E 1860.0 - 1900.0 0.141 24E 1860.0 - 1900.0 0.141 24E 1860.0 - 1900.0 0.138 27 1711.5 - 1753.5 0.186 27 1711.5 - 1753.5 0.166 27 1720.0 - 1745.0 0.183 27 1720.0 - 1745.0 0.181 27 2507.5 - 2562.5 0.157 27 2507.5 - 2562.5 0.157 | Frequency Range (MHZ) Watts Tolerance 22H 824.2 - 848.8 1.905 2.5 PM 22H 824.2 - 848.8 0.417 2.5 PM 22H 826.4 - 846.6 0.225 2.5 PM 24E 1850.2 - 1909.8 1.007 2.5 PM 24E 1850.2 - 1909.8 0.36 2.5 PM 24E 1852.4 - 1907.6 0.174 2.5 PM 22H 824.7 - 848.3 0.197 2.5 PM 22H 824.7 - 848.3 0.197 2.5 PM 22H 829.0 - 844.0 0.192 2.5 PM 24E 1851.5 - 1908.5 0.144 2.5 PM 24E 1851.5 - 1908.5 0.144 2.5 PM 24E 1860.0 - 1900.0 0.141 2.5 PM 24E 1860.0 - 1900.0 0.141 2.5 PM 27 1711.5 - 1753.5 0.186 2.5 PM 27 1720.0 - 1745.0 0.183 2.5 PM 27 2507.5 - 2562.5 0.157 2.5 PM 27 2507.5 - 2562.5 0.157 2.5 PM 27 2510.0 - 2560.0 0.171 2.5 PM |

exposure conditions. LTE supports 1.4/3/5/10/15/20 MHz BW modes in Band 2 & Band 4, 1.4/3/5/10 MHz BW modes in Band 5, and 5/10/15/20 MHz BW modes in Band 7. Antenna gain including cable loss must not exceed 2.5 dBi for Band 2, 7.0 dBi for Band 4, 5.41 dBi for Band 5, 10.50 dBi for Band 7, for the purpose of satisfying the RF exposure requirements as defined in 2.1091. This device is allowed only for OEM integration into host products. 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. Compliance of this device in all final product configurations is the responsibility of the Grantee. End-users must be provided with specific information required to satisfy RF exposure compliance for final host devices and installations. Installation of this device into portable RF Exposure category host devices requires the submission of a Class II permissive change or new application.

This device contains functions that are not operational in U.S. Territories; this filing is applicable only for the operations described in this filing.