

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

**Eurofins Product Service GmbH  
Storkower Strasse 38c  
D-15526 Reichenwalde,  
Germany**

**Date of Grant: 06/02/2024  
Application Dated: 06/02/2024**

**Shanghai AirM2M Communication Technology Co., Ltd  
Room 555A, Building 2, No. 787 Manufacturing Bureau  
Road, Huangpu District  
Shanghai,  
China**

**Attention: Qing Peng**

**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:** 2AEGG-AIR780E  
**Name of Grantee:** Shanghai AirM2M Communication Technology Co., Ltd  
**Equipment Class:** PCS Licensed Transmitter  
**Notes:** 4G 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>
	24E	1850.0 - 1910.0	0.1202	2.5 PM	1M09G7D
	24E	1850.0 - 1910.0	0.0655	2.5 PM	18M0G7D
	24E	1850.0 - 1910.0	0.055	2.5 PM	18M0W7D
	27	1710.0 - 1755.0	0.14	2.5 PM	4M54G7D
	27	1710.0 - 1755.0	0.1183	2.5 PM	18M1G7D
	27	1710.0 - 1755.0	0.1346	2.5 PM	18M1W7D
	22H	824.0 - 849.0	0.125	2.5 PM	9M04G7D
	22H	824.0 - 849.0	0.0966	2.5 PM	9M01W7D
	27	699.0 - 716.0	0.175	2.5 PM	2M71G7D
	27	699.0 - 716.0	0.1247	2.5 PM	9M01G7D
	27	699.0 - 716.0	0.1153	2.5 PM	8M99W7D
	27	777.0 - 787.0	0.1656	2.5 PM	8M99G7D
	27	777.0 - 787.0	0.1242	2.5 PM	8M99W7D
	27	1710.0 - 1780.0	0.139	2.5 PM	1M10G7D
	27	1710.0 - 1780.0	0.1253	2.5 PM	18M1G7D
	27	1710.0 - 1780.0	0.1285	2.5 PM	18M1W7D

Single Modular Approval. Output power listed is ERP for operation below 1GHz and EIRP for operation above 1GHz. This device supports LTE bandwidths of 1.4, 3, 5, 10, 15, 20 MHz at LTE Band 2/4/66 and of 1.4, 3, 5 and 10 MHz at LTE Band 5/12 and of 5, 10 MHz at LTE Band 13. RF exposure compliance is addressed for 1.1310 and 2.1091 MPE limits. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons. The maximum antenna gain is 2.21dBi. Only those antenna(s) tested with the device or similar antenna(s) with equal or lesser gain may be used with this transmitter. The host integrator installing this module into their product must ensure that the final composite product complies with the FCC requirements by a technical

assessment or evaluation to the FCC rules, including the transmitter operation and should refer to guidance in KDB 996369. End Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. This device contains functions that are not operational in U.S. Territories. This filing is only applicable for US operations.