

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: 01/16/2024
Application Dated: 01/16/2024

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-AIR795U
Name of Grantee: Shanghai AirM2M Communication
Technology Co., Ltd
Equipment Class: PCS Licensed Transmitter
Notes: 4G Module
Modular Type: Single Modular

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	22H	824.2 - 848.8	0.9268	2.5 PM	250KGXW
	24E	1850.2 - 1909.8	0.6109	2.5 PM	246KGXW
	24E	1850.0 - 1910.0	0.1202	2.5 PM	1M10G7D
	24E	1850.0 - 1910.0	0.06	2.5 PM	18M1G7D
	24E	1850.0 - 1910.0	0.0604	2.5 PM	18M1W7D
	27	1710.0 - 1755.0	0.1233	2.5 PM	18M1G7D
	27	1710.0 - 1755.0	0.14	2.5 PM	18M0W7D
	22H	824.0 - 849.0	0.1285	2.5 PM	2M72G7D
	22H	824.0 - 849.0	0.1199	2.5 PM	9M00G7D
	22H	824.0 - 849.0	0.0979	2.5 PM	9M00W7D
	27	699.0 - 716.0	0.1782	2.5 PM	1M10G7D
	27	699.0 - 716.0	0.1303	2.5 PM	9M00G7D
	27	699.0 - 716.0	0.1007	2.5 PM	9M00W7D
	27	777.0 - 787.0	0.1622	2.5 PM	8M99G7D
	27	777.0 - 787.0	0.1205	2.5 PM	8M98W7D
	27	704.0 - 716.0	0.1288	2.5 PM	4M53G7D
	27	704.0 - 716.0	0.1256	2.5 PM	9M02G7D
	27	704.0 - 716.0	0.1014	2.5 PM	9M00W7D
	24E	1850.0 - 1915.0	0.1879	2.5 PM	4M52W7D
	24E	1850.0 - 1915.0	0.1694	2.5 PM	18M0G7D
	24E	1850.0 - 1915.0	0.1663	2.5 PM	18M1W7D
	90	814.0 - 824.0	0.1581	2.5 PM	9M00G7D
	90	814.0 - 824.0	0.1199	2.5 PM	9M01W7D
	22H	824.0 - 849.0	0.166	2.5 PM	13M5G7D
	22H	824.0 - 849.0	0.1607	2.5 PM	13M5W7D

27	2570.0 - 2620.0	0.1094	2.5 PM	4M52G7D
27	2570.0 - 2620.0	0.1079	2.5 PM	18M1G7D
27	2570.0 - 2620.0	0.094	2.5 PM	18M0W7D
27	2496.0 - 2690.0	0.1067	2.5 PM	4M52G7D
27	2496.0 - 2690.0	0.0971	2.5 PM	18M0G7D
27	2496.0 - 2690.0	0.0925	2.5 PM	18M0W7D
27	1710.0 - 1780.0	0.1355	2.5 PM	9M01W7D
27	1710.0 - 1780.0	0.1114	2.5 PM	18M1G7D
27	1710.0 - 1780.0	0.1294	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 2/4/25/66 and of 1.4, 3, 5 and 10 MHz at LTE Band 5/12 and of 5, 10, 15, 20 MHz at LTE Band 38/41 and of 5, 10 MHz at LTE Band 13/17 and of 1.4, 3, 5, 10, 15 MHz at LTE Band 26. 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 2.79dBi. 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. This device contains functions that are not operational in U.S. Territories. This filing is only applicable for US operations.