



GRANT OF EQUIPMENT
AUTHORIZATION



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: 11/26/2024
Application Dated: 11/26/2024

Shenzhen Elecrow Limited
Elecrow, 5th Floor, Fengze Building B,
Nanchang Huafeng Industrial Park, Hangcheng Street
Hangkong Road,Baoan District, Shenzhen city,
China

Attention: Lihua Zhu

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: 2BDNA-GS-THINKNODE
Name of Grantee: Shenzhen Elecrow Limited
Equipment Class: PCS Licensed Transmitter
Notes: ThinkNode LoRaWAN Gateway

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	24E	1850.0 - 1910.0	0.3908	2.5 PM	1M11G7D
	24E	1850.0 - 1910.0	0.1202	2.5 PM	18M2G7D
	24E	1850.0 - 1910.0	0.0929	2.5 PM	5M77W7D
	27	1710.0 - 1755.0	0.3648	2.5 PM	4M54W7D
	27	1710.0 - 1755.0	0.3365	2.5 PM	18M2G7D
	27	1710.0 - 1755.0	0.2958	2.5 PM	5M77W7D
	22H	824.0 - 849.0	0.2786	2.5 PM	9M08G7D
	22H	824.0 - 849.0	0.2999	2.5 PM	5M12W7D
	27	699.0 - 716.0	0.1409	2.5 PM	9M11G7D
	27	699.0 - 716.0	0.1774	2.5 PM	5M15W7D
	27	777.0 - 787.0	0.1199	2.5 PM	9M03G7D
	27	777.0 - 787.0	0.1197	2.5 PM	5M09W7D
	27	1710.0 - 1780.0	0.3243	2.5 PM	18M2G7D
	27	1710.0 - 1780.0	0.3648	2.5 PM	5M76W7D

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. 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.