

TCB

GRANT OF EQUIPMENT
AUTHORIZATION

TCB

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

Timco Engineering, Inc.
849 NW State Road 45
Newberry, FL 32669

Date of Grant: 12/21/2021
Application Dated: 12/16/2021

NetComm Wireless Pty Ltd
Level 5, 18-20 Orion Road
Lane Cove, NSW,, 2066
Australia

Attention: Pat Sinni , Certification and Compliance
Team Leader

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: XIA-227
Name of Grantee: NetComm Wireless Pty Ltd
Equipment Class: PCS Licensed Transmitter
Notes: 4G LTE Cat 1 Industrial IoT Router,
Vodafone MachineLink 4G Lite

<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>
	22H	824.2 - 848.8	2.6853	2.5 PM	247KGXW
	22H	824.2 - 848.8	0.5902	2.5 PM	249KG7W
	24E	1850.2 - 1909.8	1.9231	2.5 PM	244KGXW
	24E	1850.2 - 1909.8	0.8035	2.5 PM	245KG7W
	22H	826.4 - 846.6	0.2529	2.5 PM	4M17F9W
	24E	1852.4 - 1907.6	0.4276	2.5 PM	4M14F9W
	27	1712.4 - 1752.6	0.4227	2.5 PM	4M13F9W
	24E	1860.0 - 1900.0	0.3758	2.5 PM	17M8G7D
	24E	1860.0 - 1900.0	0.3126	2.5 PM	17M8W7D
	24E	1852.5 - 1907.5	0.4571	2.5 PM	4M51G7D
	24E	1860.0 - 1905.0	0.4355	2.5 PM	17M9G7D
	24E	1860.0 - 1905.0	0.2992	2.5 PM	17M9W7D
	24E	1852.5 - 1912.5	0.4634	2.5 PM	4M48G7D
	24E	1852.5 - 1912.5	0.3443	2.5 PM	13M3W7D
	27	1720.0 - 1745.0	0.3992	2.5 PM	17M9G7D
	27	1720.0 - 1745.0	0.3119	2.5 PM	17M9W7D
	27	1712.5 - 1752.5	0.456	2.5 PM	4M49G7D

27	1711.5 - 1753.5	0.3381	2.5 PM	2M73W7D
22H	829.0 - 844.0	0.2559	2.5 PM	9M03G7D
22H	829.0 - 844.0	0.1901	2.5 PM	9M03W7D
22H	826.5 - 846.5	0.3013	2.5 PM	4M49G7D
27	2510.0 - 2560.0	0.5093	2.5 PM	17M8G7D
27	2510.0 - 2560.0	0.3266	2.5 PM	17M8W7D
27	2502.5 - 2567.5	0.5598	2.5 PM	4M49G7D
27	2507.5 - 2562.5	0.3819	2.5 PM	13M4W7D
27	704.0 - 711.0	0.3319	2.5 PM	8M95G7D
27	704.0 - 711.0	0.2541	2.5 PM	8M95W7D
27	701.5 - 713.5	0.399	2.5 PM	4M49G7D
27	701.5 - 713.5	0.2754	2.5 PM	4M50W7D
27	782.0 - 782.0	0.1545	2.5 PM	9M03G7D
27	782.0 - 782.0	0.1517	2.5 PM	9M03W7D
27	779.5 - 784.5	0.1552	2.5 PM	4M50G7D
22H	831.5 - 841.5	0.2523	2.5 PM	13M4G7D
22H	831.5 - 841.5	0.2143	2.5 PM	13M4W7D
22H	826.5 - 846.5	0.2564	2.5 PM	4M49G7D
22H	826.5 - 846.5	0.2173	2.5 PM	4M49W7D
27	2580.0 - 2610.0	0.4742	2.5 PM	17M8G7D
27	2580.0 - 2610.0	0.3412	2.5 PM	17M8W7D
27	2572.5 - 2617.5	0.5559	2.5 PM	4M51G7D
27	2572.5 - 2617.5	0.4887	2.5 PM	4M53W7D
27	2506.0 - 2680.0	0.3266	2.5 PM	17M8G7D
27	2506.0 - 2680.0	0.2661	2.5 PM	17M8W7D
27	2498.5 - 2687.5	0.3296	2.5 PM	4M50G7D
90	821.5 - 824.0	0.1828	2.5 PM	13M5G7D
90	821.5 - 824.0	0.1542	2.5 PM	13M5W7D
90	816.5 - 824.0	0.2046	2.5 PM	4M49G7D
90	816.5 - 824.0	0.1563	2.5 PM	4M50W7D

Output Power is EIRP and ERP for above and below 1 GHz, respectively, except for Part 90 LTE Band 26 emissions, which are conducted. The antenna(s) used for device must be installed and operated so as to provide a separation distance of at least 23 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 product procedures. Installers and end-users must be provided with antenna installation instructions and transmitter operating conditions and instructions for satisfying RF exposure compliance. This device supports LTE of 1.4, 3, 5, 10, 15 and 20 MHz bandwidth modes for FDD LTE Bands 2, 4 and 25; LTE of 5, 10, 15 and 20 MHz bandwidth modes for FDD LTE Band 7; LTE of 1.4, 3, 5 and 10 MHz bandwidth modes for FDD LTE Bands 5 and 12; LTE of 5 and 10 MHz bandwidth modes for FDD LTE Band 13; LTE of 1.4, 3, 5, 10 and 15 MHz bandwidth modes for FDD LTE Band 26; and LTE of 5, 10, 15 and 20 MHz bandwidth modes for TDD LTE Bands 38 and 41. This device contains functions that are not operational in U.S. Territories; this filing is applicable only for U.S. operations.