

**TCB**

**GRANT OF EQUIPMENT  
AUTHORIZATION**

**TCB**

Certification

Issued Under the Authority of the  
Federal Communications Commission

By:

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

Date of Grant: 07/17/2024

Application Dated: 07/16/2024

**Tersus GNSS Inc.**  
Rm 601, Bldg E2, No. 88, Jinjihu Ave,  
Suzhou,  
China

**Attention: Chuyang Wang , Manager**

**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: 2AMDJ-TC80**

**Name of Grantee: Tersus GNSS Inc.**

**Equipment Class: PCS Licensed Transmitter held to ear**

**Notes: Tersus TC80 Controller**

| <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                | 0.54                | 2.5 PM                     | 240KGXW                    |
|                    | 22H                   | 824.2 - 848.8                | 0.125               | 2.5 PM                     | 263KG7W                    |
|                    | 22H                   | 826.4 - 846.6                | 0.054               | 2.5 PM                     | 4M22F9W                    |
|                    | 24E                   | 1850.2 - 1909.8              | 1.521               | 2.5 PM                     | 240KGXW                    |
|                    | 24E                   | 1850.2 - 1909.8              | 0.904               | 2.5 PM                     | 260KG7W                    |
|                    | 24E                   | 1852.4 - 1907.6              | 0.304               | 2.5 PM                     | 4M40F9W                    |
|                    | 24E                   | 1850.7 - 1909.3              | 0.269               | 2.5 PM                     | 1M10G7D                    |
|                    | 24E                   | 1860.0 - 1900.0              | 0.264               | 2.5 PM                     | 18M0G7D                    |
|                    | 24E                   | 1860.0 - 1900.0              | 0.238               | 2.5 PM                     | 18M1D7W                    |
|                    | 22H                   | 829.0 - 844.0                | 0.081               | 2.5 PM                     | 8M96G7D                    |
|                    | 22H                   | 829.0 - 844.0                | 0.073               | 2.5 PM                     | 9M00D7W                    |
|                    | 27                    | 2505.0 - 2565.0              | 0.084               | 2.5 PM                     | 8M96D7W                    |
|                    | 27                    | 2510.0 - 2560.0              | 0.095               | 2.5 PM                     | 18M0G7D                    |
|                    | 27                    | 2510.0 - 2560.0              | 0.08                | 2.5 PM                     | 18M0D7W                    |
|                    | 27                    | 2575.0 - 2615.0              | 0.099               | 2.5 PM                     | 8M96G7D                    |
|                    | 27                    | 2575.0 - 2615.0              | 0.082               | 2.5 PM                     | 8M96D7W                    |
|                    | 27                    | 2580.0 - 2610.0              | 0.098               | 2.5 PM                     | 18M0G7D                    |
|                    | 27                    | 2580.0 - 2610.0              | 0.079               | 2.5 PM                     | 18M0D7W                    |
|                    | 27                    | 2557.5 - 2652.5              | 0.095               | 2.5 PM                     | 4M52G7D                    |
|                    | 27                    | 2560.0 - 2650.0              | 0.073               | 2.5 PM                     | 8M96D7W                    |
|                    | 27                    | 2565.0 - 2645.0              | 0.086               | 2.5 PM                     | 18M0G7D                    |
|                    | 27                    | 2565.0 - 2645.0              | 0.069               | 2.5 PM                     | 18M0D7W                    |

Output power listed is ERP for operation below 1 GHz and EIRP for operation above 1 GHz.  
LTE supports 1.4/3/5/10/15/20 MHz BW modes in Band 2, 1.4/3/5/10 MHz BW modes in Band 5 and 5/10/15/20 MHz BW modes in Band 7/38/41. The antenna(s) used for this transmitter

must not be co-located with any other transmitters, except in accordance with FCC multi-transmitter product procedures. SAR compliance for body-worn operating conditions is restricted to belt clips, holsters or similar accessories that have no metallic component in the assembly and must provide a minimum separation distance of 10 mm between the device and the body. End-users must be informed of the body-worn operating requirements for satisfying RF exposure compliance. The highest reported SAR for head, body-worn accessory, product specific, and simultaneous transmission exposure conditions are 0.09 W/kg, 0.49 W/kg, 1.5 W/kg and 1.5 W/kg, respectively.

This device contains functions that are not operational in U.S Territories. This filing is only applicable for US operations.

