

TCB

**GRANT OF EQUIPMENT
AUTHORIZATION**

TCB

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

By:

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

**Date of Grant: 11/06/2015
Application Dated: 08/03/2015**

**Trimble Navigation Ltd
935 Stewart Drive
Sunnyvale, CA 94085**

Attention: Hui Chen , Compliance Engineer

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: KEAADL352
Name of Grantee: Trimble Navigation Ltd
Equipment Class: Licensed Non-Broadcast Station Transmitter
Notes: Advanced Data Link, Padre (ADL35-2)

<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>
BC EF J8	90	430.0 - 473.0	35.0	1.0 PM	6K49F1D
BC EF J8	90	430.0 - 473.0	35.0	1.0 PM	7K45F1D
BC EF	90	430.0 - 473.0	35.0	1.0 PM	7K93F1D
BC EF	90	430.0 - 473.0	35.0	1.0 PM	14K1F1D

Output Power listed is the maximum conducted. The antenna installation and operating configurations of this transmitter, including any applicable duty factor, antenna gain and cable loss must satisfy MPE categorical Exclusion Requirements of §2.1091. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 120 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. Users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. The output power varies from 2 watts to 35 watts continuously.

- BC: The output power is continuously variable from the value listed in this entry to 5%-10% of the value listed.
- EF: This device may contain functions that are not operational in U.S Territories except as noted in the filing. This grant has extended frequencies as noted in the filing and Section 2.927(b) applies to this authorization.
- J8: This device as been authorized under 90.203(j)(8) with a data rate of less than 4800 bits per second per 6.25 kHz of channel bandwidth based on information submitted justifying why the slower data rate provides more spectral efficiency than the standard data rate.