

At Road, Inc., iLM2720
FCC ID: PDCILM272XSW

RF Exposure Information

The At Road device, FCC ID:PDCILM272XSW is designed for use in a vehicle. It is categorized as a mobile device used at least 20 cm from a user or nearby persons in normal operation. As stated in the test report, the maximum ERP/EIRP (average values) are:

In the band 824-849 MHz: ERP = 28.9 dBm or 0.78 W

In the band 1850-1910 MHz: EIRP = 28.0 dBm or 0.63 W

According to the FCC 2.1091, the device is categorically excluded from routine environmental evaluation for RF exposure.

The MPE does not exceed the Limit for MPE for Occupational/Uncontrolled Exposures. The calculated MPE at 20 cm is:

$2.54 \text{ W/m}^2 = 0.254 \text{ mW/cm}^2$ - in the band 824 - 849 MHz

$1.25 \text{ W/m}^2 = 0.125 \text{ mW/cm}^2$ - in the band 1850 - 1910 MHz

Therefore, the device is in compliance with the FCC requirements.

For the antenna installation instructions and transmitter operating requirements, see the "Installation Guide".