



**Active & Passive
Safety Technology**
Business Unit

Certification for Toyota RKE/TPMS Integrated Receiver

Model #: 335152
FCC ID: GQ4-49R

GENERAL DESCRIPTION

The Vehicle Integrated receiver is used to demodulate and decode information transmitted from the wheel-mounted sensors and RKE FOB. This information is then sent to Body Module. The receiver communicates tire status and RKE information to the Vehicle Body Module via BERKES. The receiver shall be able to do diagnostics on the system to determine if the system needs to be serviced in TPM Mode.

When the ignition is turned on and Module in TPM mode, the receiver receives and process 314.98 MHz FSK RF transmitted TPMS Vehicle Sensor Data Packets .When the ignition is in the off and Module in RKE mode receiver receives and processes RKE 314.35 MHz (CH1) and 312.10 MHz (CH2) FSK RF transmitter RKE transmitter packets .

Additionally, the receiver will warn the vehicle driver of low tire pressure conditions at different pressure levels based on the vehicle placard pressure levels.