

JADAK/PRI Bluetooth Module

Theory of Operation/Technical Description

FCC ID: 2AAVI-6XYZ-0003-01; IC: 11355A-6XYZ000301

The JADAK/PRI Bluetooth Module (JADAK/PRI part number 6XYZ-0003-01) is comprised of a printed circuit board assembly (JADAK/PRI part number 1803-0180-00) and an Antenova Titanis 2.4 GHz Swivel SMA Antenna (JADAK/PRI part number 1000-0002-86.)

The 1803-0180-00 PCB assembly contains a TI LMX9820A Bluetooth Serial Port Module which is connected to an SMA connector. The antenna is directly attached to the connector.

The LMX9820A module is an integrated radio which includes hardware and firmware that comprise a complete Bluetooth solution. This module is connected to the serial port of the host instrument. Refer to the LMX9820A and Antenova data sheets for full details.