

Operational Description of AP0127730, AP0134760

The AP0127730, AP0134760 RF Module is designed to operate in the 4.9 to 5.8 GHz bands, specifically 4.9 GHz, 5.2 GHz, 5.3 GHz, 5.4 GHz and 5.8 GHz. It supports 802.11/n operating mode and 5, 10, 20 and 40 MHz channel bandwidths.

The modulation supported is BPSK, QPSK, 16QAM, 64QAM OFDM

The RF Module can only operate when installed into a digital board specifically designed by RADWIN for that purpose. It will not operate in any other constellation and it is not designated for general public use. The various enclosures in which the module can be installed are manufactured by RADWIN.

The RF Module supports a wide range of TPC up to 30 dBm aggregate.

The RF Module can drive PtP and PtMP deployment installations and supports a wide range of antenna types and antenna gains up to 32 dBi.

The firmware and management of the device are RADWIN proprietary. The device can only be operated by RADWIN's permission according to the certification.