

Wideband Radio Heads (WRH) work as dual band transceiver. It receives and transmits signals to/from a base station to/from mobile stations. Operational parameters, such as gain, channel number and power levels are set using a PC running Powerwave OM-Online software which can communicate with the WRHs locally. The Nexus FT Rack Mount Radio (RMR) is a repeater designed to be part of a Distributed Antenna System. The components are mounted on a 19" rack and are intended for use in an in-door, temperature environment

This is a bi-directional repeater system that is fiber feed (RF over optical fiber). The optical feed system is closed; in that the UL and DL are connected to the donor system through a closed system. This closed system does not radiate or receive through the air. The UL is limited to 0dBm composite into the laser modulator and the DL transmits into the air or a DAS at 43dBm maximum. The DL power control will limit the composite power to 43dBm.