

RF output power limits

FCC and Industry Canada regulate the maximum equivalent isotropic radiated power (EIRP) for RapidWave products, depending on antenna gain and type of deployment. Installers must insure that the power output limits in the following tables are met for the various type of antennas sold for use with the RapidWave RL 54 transceiver:

Antenna Type	Deployment	Gain	Maximum Allowed Power Level at Antenna Input
Panel antennas	Point to Point	22 - 28 dBi	23.5 dBm (226 mW)
60 deg. Sector	Point to Multipoint	17 dBi	19 dBm
60 deg sector	Point to Multipoint	17 dBi	19 dBm
90 deg. Sector	Point to Multipoint	16 dBi	20 dBm
90 deg. Sedctor	Point to Multipoint	15.5 dBi	20.5 dBm
90 deg sector	Point to Multipoint	17 dBi	19 dBm