



iCell Pole Mount BTS 800 MHz

Tune Up Procedure

Date: September 20, 2007

RF Modem Description & Tune Up Procedure

Transmit:

CDMA Forward signal is developed in the Qualcomm CSM5000 CDMA modems in the main digital board of the BTS module. The digitizer module converts the signal to analog. This signal is up-converted to the desired channel frequency, amplified and filtered.

Output power is calibrated at the factory using calibrated power measurement equipment to ensure the target power is reached.

Protection circuitry ensures the maximum desired output power is not exceeded.

There are no field tunable components in the Pole Mount BTS.