

Tune up procedure

To set up transmit power before shipping, AnyDATA uses a manufacturing process named "Calibration of RX and TX power". In calibration process, the rated voltage of 3.4~4.3VDC is applied to the module to be calibrated.

CDMA band tune up procedure (HDET Feedback Loop Operation) CDMA technical standard requires AnyDATA's CDMA capable modules to transmit +23~+24.5dBm output power when it is required to transmit its maximum power. AnyDATA sets the maximum power of the module in CDMA bands to +24dBm (+0.5dB, -1dB) in calibration bench and verify the maximum power in manufacturing test bench.

In CDMA HDET (High Power Detection) calibration process using a base station simulator such as Agilent 8960 or R&S CMU200, the module records and saves HDET value corresponding to maximum transmit power level and use the value in operation to limit the maximum power to +24dBm (+0.5dB, -1dB).

