

Tune up procedure

Tune up procedure shall be over the power range or at specific operating power levels.

1. It must provide an operational voltage (3.5 ~ 4.2V DC) to turn on the device and on one certain channel in service mode by means of company proprietary software.
2. The Base station simulator measures the device specific RF characteristics.
3. The maximum gains of each individual device are adjusted until the target value met.

GSM850 = 33+/- 2dBm

PCS1900 = 30+/- 2dBm

Then these appropriate gain settings are stored in each device individually. The user has no possibility to change these settings later on, and during manufacturing each device will be individual calibrated. The measurement is done in fully calibrated setup, which is based on the base station simulator. Furthermore, These measurements are for the output of the calibration value of each channel.