

Tune-up procedure for EP2005

During manufacturing each phone will be individually calibrated.

The measurement is done in a fully calibrated setup, which is based on a Wavetek 4400 base station simulator (system tester). Furthermore, the highest power level is verified afterwards in a call measurement on three channels (low, mid and high) in each Band (GSM900 and DCS1800 and PCS 1900)

Procedure :

1. Set the phone to operational voltage (3.9V) and on one certain channel (TCH 37 for GSM 900 Band, TCH 702 for DCS1800 Band and TCH 661 for PCS1900 Band) in Burn-In Mode (Test Software, the phone is in emission mode only).
2. The actual power is measured at 2 different power levels.
3. Gain factor is adjusted for PL min
4. Thanks to Step 2 and 3, the gain factors of each individual phone are calculated and stored in each phone individually.
5. All power level are measured for checking.

The user has no possibility to change these settings later on.