

Tune-up Procedure of SIEMENS S75

GSM Mode:

During manufacturing each phone will be individually calibrated.

The measurement is done in a fully calibrated setup, which is based on a Rohde&Schwarz CMU200 base station simulator (system tester). Furthermore, the highest power level is verified afterwards in a call measurement on three channels (low, mid, high).

Procedure:

1. Set the phone to operational voltage and on one certain channel in a special service mode by means of company proprietary software.
2. The actual power is measured at several power levels.
3. The gain factors of each individual phone are adjusted until the target value is met. The appropriate gain control settings are stored in each phone individually (for each power level).

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

Bluetooth Mode:

The output power is set to nominal 0 dBm. The level is determined by chipset design. There exist technical agreements between SIEMENS and supplier to ensure level within appropriate Bluetooth specification.

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