

Tune-up Procedure

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During manufacturing will be individually calibrated.

The measurement is done in a fully calibrated setup, which is based on Agilent 8960 (adjustment of gain factors) and Agilent 8960 or RS CMU200 (control of power levels).

Furthermore, the highest power level is verified afterwards in a GSM Voice Modem measurement on three

channels (low, mid and high).

Procedure:

1. Set 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 are adjusted via the Board-test SW using automatic adjustment arithmetic until the target value is met.

The appropriate gain control settings are stored in RF table (a special section in Nor Flash marked with Read only and untouchable for end user) individually (for each power level). The user has no possibility to change these settings later on.