Tune-up Procedure

During manufacturing each product 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.

Furthermore, the maximum power is verified afterwards in a call measurement on three channels (low, mid and 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 minimal and maximum power levels.

3. The gain factors of each individual phone are adjusted via the Board-test SW using automatic adjustment

arithmetic until the target value is met.

4．The tune-up target value is below:

WIFI 802.11 b/g/n: 5dBm [-1dB~~+1dB]

WIFI 802.11 a/n/ac: 5dBm [-1dB~~+1dB]

The appropriate gain control settings are stored in RF table (a special section in Flash marked with Read only and untouchable for end user) each phone individually (for each power level).

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