



泰金寶電子(蘇州)有限公司

Cal-Comp Electronics (Su Zhou) Co., Ltd.

Tune-up procedure of AV110

During manufacturing each phone will be individually calibrated.

The measurement is done in a fully calibrated setup, which is based on Agilent 8960 or RS CMU200 for CDMA test, Spirent GSS6100 for GPS test. Furthermore, the measurement is verified afterwards in a call measurement on three channels (low, mid and high) for each band.

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. Adjust the phone(hardware ADC) to send a expected power, then measure the power with Agilent 8960 or RS CMU200, automatic adjustment arithmetic until the target value is met, record the hardware ADC value and actual power to RF table(a special section in NorFlash marked with Read only and untouchable for end user).
3. Repeat step1 and step2 in many discrete channels with each band, and record every suite values to RF table;
4. The appropriate calibration data of each individual phone are stored for the phone using. The user has no possibility to change these settings later on
5. The Maximum and minimum power are measured in a call connected state for each band, to verify the calibration data are right.

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