

FCC ID: 2AQQL-V808G

Model: V808G

Tune Up Procedure of V808G

During manufacturing each device is individually calibrated. Measurement is performed in a fully calibrated setup using an CMU 200/CMW 500 base station simulator (system tester) and Spectrum

analyzer 9k-30GHz FSP. Measurement procedure is outlined below:

Measurement Procedure:

1. Set the device to operational voltage and on a predefined channel in a special test mode.
2. The actual output power is measured at several power levels.
3. The gain factors of each individual device are adjusted until the target value is met. The appropriate gain control settings for each output power level are stored in each device individually (for each power level). The user has no possibility to change these settings later on.
4. The maximum gains of each individual device are adjusted and measured until the target value is met. The production target power with tolerance compiles with the maximum power in test report.

Maximum Target Power for Production Unit

Mode	GSM 850	PCS 1900
GSM Voice (1 Slot)	31±1	30±1
GPRS(1 Slot)	30±1	28±1
GPRS(2 Slot)	30±1	27±1
GPRS(3 Slot)	29±1	26±1
GPRS(4 Slot)	29±1	27±1
EGPRS(1 Slot)	27±1	26±1
EGPRS(2 Slot)	27±1	26±1
EGPRS(3 Slot)	26±1	27±1
EGPRS(4 Slot)	26±1	27±1

Mode	WCDMA 850	WCDMA 1900
WCDMA Subtest 1	22±1	21±1
WCDMA Subtest 2	22±1	21±1
WCDMA Subtest 3	22±1	21±1
WCDMA Subtest 4	22±1	21±1
HSUPA Subtest 1	22±1	21±1
HSUPA Subtest 2	21±1	21±1
HSUPA Subtest 3	21±1	21±1
HSUPA Subtest 4	21±1	21±1
HSUPA Subtest 5	21±1	21±1

HSDPA Subtest 1	22±1	21±1
HSDPA Subtest 2	21±1	21±1
HSDPA Subtest 3	21±1	21±1
HSDPA Subtest 4	21±1	21±1

Mode	2402	2440	2480
BDR	4.674±1	5.225±1	5.985±1
EDR	4.381±1	4.925±1	5.716±1