

Tune-up procedure

Each device is individually calibrated during manufacturing. Measurement is performed in a full calibrated setup.

Measurement procedure is outlined below:

1. Set the device to operational voltage and on a predefined band class and channel.
2. The maximum output power is measured when the power control bit is set as all UP bits. The RF output power will be adjusted equal or lower than tested power shown in the test report.

The user has no possibility to change these settings.

Tune up procedure shall be over the power range or at specific operating power levels.

1. It must provide an operational voltage to turn on the device and on one certain channel in service mode by means of company proprietary software.
2. The Base station simulator measures the device specific RF characteristics.
3. The maximum gains of each individual device are adjusted until the target value met.

Conducted Power Table

Channel	Mode	Target Power (dBm)	Tolerance (dBm)
1 to 7	FRS	29.5	(-0.5,+0.5)
8 to 14	FRS	26.5	(-0.5,+0.5)
15 to 22	FRS	29.5	(-0.5,+0.5)