

## Tune-up procedure

Rated RF power output:

Mode	The Tune-up Maximum Avg power(Customer Declared)(dBm)	Range	Measured Conduct Avg Maximum Power(dBm)
IEEE 802.11b	8.5+/-1	7.5~9.5	9.41
IEEE 802.11g	8.3+/-1	7.3~9.3	9.21
IEEE 802.11n20M	8+/-1	7.0~9.0	8.72
IEEE 802.11n40M	7+/-1	6.0~8.0	7.60
Bluetooth	2.5 +2/-1	1.5~4.5	4.38(PK)

Then these appropriate rated RF output power settings are stored in each device individually. The user has no possibility to change these settings later on, and during manufacturing each device will be individual calibrated. The measurement is done in fully calibrated setup, which is based on the base station simulator. Furthermore, the highest power level is verified afterwards in a measurement on three channels(low, middle and high).