

L16 Tune-up procedure

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

1. It must provide an operational voltage (3.6 ~ 4.35V DC) to turn on the device and on one certain channel in service mode by means of company proprietary software.

<u>Band</u>	<u>Technology</u>	<u>Mode</u>	<u>Target Power (dBm)</u>	<u>Tolerance (dBm)</u>
2.4G	802.11b (Ant 0)	-	15	+/- 2dB
	802.11g (Ant 0)	-	14.5	+/- 2dB
	802.11n (Ant 0)	20M	13	+/- 2dB
		40M	13.5	+/- 2dB
	802.11n (Ant 0+1)	20M	16.5	+/- 2dB
		40M	16.5	+/- 2dB
5G	802.11a (Ant 0)	-	11.5	+/- 2dB
	802.11n (Ant 0)	20M	11.5	+/- 2dB
		40M	11.5	+/- 2dB
	802.11n (Ant 0+1)	20M	14.5	+/- 2dB
		40M	14.5	+/- 2dB
	802.11ac (Ant 0)	20M	11.5	+/- 2dB
		40M	11.5	+/- 2dB
		80M	11.5	+/- 2dB
	802.11ac (Ant 0+1)	20M	14.5	+/- 2dB
		40M	14.5	+/- 2dB
		80M	14.5	+/- 2dB
2.4G	BT	-	8.5	+/- 1dB
		LE	1	+/- 1dB

Then these appropriate gain 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 power meter.