Tune Up Procedure

1 Each product is programmed with the pre-defined RF parameters.

2 Each product RF power level is measured to ensure the power level not exceeding the target power level, in a fully calibrated setup.

3 The user has no possibility to change these settings later on.

4 The Maximum Transmit Power for production units as below:

P-sensor off

Tolerance (dB): ± 1		
Band	Mode	Max. tune-up
WCDMA Band 2	R99	23.0
	HSDPA	22.0
	HSUPA	22.5
WCDMA Band 4	R99	23.0
	HSDPA	22.0
	HSUPA	22.5
WCDMA Band 5	R99	23.0
	HSDPA	22.0
	HSUPA	22.5
LTE Band 2	QPSK	23.0
LTE Band 4	QPSK	23.0
LTE Band 5	QPSK	23.0
LTE Band 12	QPSK	23.0

P-sensor on

Band	Mode	Max. tune-up
WCDMA Band 2	R99	21.0
	HSDPA	20.0
	HSUPA	20.0
WCDMA Band 4	R99	19.0
	HSDPA	18.0
	HSUPA	18.0
LTE Band 2	QPSK	20.5
LTE Band 4	QPSK	18.0

Tolerance (dB): ±	1.5	
Band (GHz)	Mode	Max. tune-up power
2.4	802.11b	17.50
	802.11g	16.50
	802.11n HT20	13.50
	802.11n HT40	15.50

Tolerance (dB): ±	1.5	
Band (GHz)	Mode	Max. tune-up power
5.2 (UNII-1)	802.11a	9.50
	802.11n HT20	5.50
	802.11n HT40	5.50
	802.11ac VHT80	5.50
5.3 (UNII-2A)	802.11a	9.50
	802.11n HT20	5.50
	802.11n HT40	5.50
	802.11ac VHT80	5.50
5.5 (UNII-2C)	802.11a	11.50
	802.11n HT20	6.50
	802.11n HT40	7.50
	802.11ac VHT80	7.50
5.8 (UNII-3)	802.11a	11.50
	802.11n HT20	6.50
	802.11n HT40	7.50
	802.11ac VHT80	7.50
Mode		
Bluetooth		6.0
Bluetooth LE		6.0