

## Tune up procedure

Bluetooth	Channel	Frequency (MHz)	Power Target (dBm)	Tolerance (dBm)	Max. Tune-up Power(dBm)
BR-1Mbps	0	2402	5.0	$\pm 2$	7.0
	39	2441	5.0	$\pm 2$	7.0
	78	2480	5.0	$\pm 2$	7.0
EDR-3Mbps	0	2402	3.0	$\pm 2$	5.0
	39	2441	3.0	$\pm 2$	5.0
	78	2480	4.0	$\pm 2$	6.0
LE	0	2402	8.0	$\pm 2$	10.0
	19	2440	6.5	$\pm 2$	8.5
	39	2480	6.0	$\pm 2$	8.0

WiFi 2.4G	Channel	Frequency (MHz)	Power Target (dBm)	Tolerance (dBm)	Max. Tune-up Power(dBm)
IEEE 802.11b 1Mbps	1	2412	21.5	$\pm 2$	23.5
	6	2437	21.5	$\pm 2$	23.5
	11	2462	23.0	$\pm 2$	25.0
IEEE 802.11g 6Mbps	1	2412	19.5	$\pm 2$	21.5
	6	2437	19.0	$\pm 2$	21.0
	11	2462	19.0	$\pm 2$	21.0
IEEE 802.11n 20MHz MCS0	1	2412	19.5	$\pm 2$	21.5
	6	2437	19.0	$\pm 2$	21.0
	11	2462	19.5	$\pm 2$	21.5
IEEE 802.11n 40MHz MCS0	3	2422	19.5	$\pm 2$	21.5
	6	2437	19.0	$\pm 2$	21.0
	9	2452	19.5	$\pm 2$	21.5

WiFi 5G Band 1	Channel	Frequency (MHz)	Power Target (dBm)	Tolerance (dBm)	Max. Tune-up Power(dBm)
IEEE 802.11a 6Mbps	36	5180	14.5	$\pm 2$	16.5
	44	5220	14.5	$\pm 2$	16.5
	48	5240	14.5	$\pm 2$	16.5
IEEE 802.11n 20MHz MCS0	36	5180	14.0	$\pm 2$	16.0
	44	5220	14.0	$\pm 2$	16.0
	48	5240	14.5	$\pm 2$	16.5
IEEE 802.11n 40MHz MCS0	38	5190	15.5	$\pm 2$	17.5
	46	5230	15.5	$\pm 2$	17.5
IEEE 802.11ac 80MHz MCS0	42	5210	15.5	$\pm 2$	17.5

WiFi 5G Band 2	Frequency (MHz)	Frequency (MHz)	Power Target (dBm)	Tolerance (dBm)	Max. Tune-up Power(dBm)
IEEE 802.11a 6Mbps	52	5260	15.0	$\pm 2$	17.0
	56	5280	15.5	$\pm 2$	17.5

6Mbps	64	5320	15.0	±2	17.0
IEEE 802.11n 20MHz MCS0	52	5260	14.5	±2	16.5
	56	5280	15.0	±2	17.0
	64	5320	15.0	±2	17.0
IEEE 802.11n 40MHz MCS0	54	5270	16.0	±2	18.0
	62	5310	16.0	±2	18.0
IEEE 802.11ac 80MHz MCS0	58	5290	15.5	±2	17.5

WiFi 5G Band 3	Frequency (MHz)	Frequency (MHz)	Power Target (dBm)	Tolerance (dBm)	Max. Tune-up Power(dBm)
IEEE 802.11a 6Mbps	100	5500	16.0	±2	18.0
	116	5580	16.5	±2	18.5
	140	5700	16.0	±2	18.0
IEEE 802.11n 20MHz MCS0	100	5500	16.0	±2	18.0
	116	5580	16.5	±2	18.5
	140	5700	16.5	±2	18.5
IEEE 802.11n 40MHz MCS0	102	5510	16.0	±2	18.0
	110	5550	17.0	±2	19.0
	134	5670	17.0	±2	19.0
IEEE 802.11ac 80MHz MCS0	106	5530	16.0	±2	18.0

WiFi 5G Band 4	Frequency (MHz)	Frequency (MHz)	Power Target (dBm)	Tolerance (dBm)	Max. Tune-up Power(dBm)
IEEE 802.11a 6Mbps	149	5745	16.5	±2	18.5
	157	5785	16.0	±2	18.0
	165	5825	16.5	±2	18.5
IEEE 802.11n 20MHz MCS0	149	5745	16.5	±2	18.5
	157	5785	17.0	±2	19.0
	165	5825	17.0	±2	19.0
IEEE 802.11n 40MHz MCS0	151	5755	17.0	±2	19.0
	159	5795	17.5	±2	19.5
IEEE 802.11ac 80MHz MCS0	155	5775	17.5	±2	19.5