



Full power

<WLAN 2.4GHz>

2.4GHz WLAN				Ant 3		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	18.43	20.00	100.00	
	6	2437	18.41	20.00		
	11	2462	18.24	20.00		
802.11g 6Mbps	1	2412	17.48	19.00	96.96	
	6	2437	17.46	19.00		
	11	2462	16.96	18.50		
802.11n-HT20 MCS0	1	2412	16.99	18.50	96.75	
	6	2437	17.08	18.50		
	11	2462	16.57	18.00		

<WLAN 5GHz>

5.2GHz WLAN				Ant 4		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	36	5180	17.31	19.00	96.97	
	40	5200	17.23	19.00		
	44	5220	17.27	19.00		
	48	5240	17.25	19.00		
802.11n-HT20 MCS0	36	5180	15.50	17.00	96.77	
	40	5200	15.46	17.00		
	44	5220	15.53	17.00		
	48	5240	15.55	17.00		
802.11n-HT40 MCS0	38	5190	14.56	16.00	93.68	
	46	5230	15.53	17.00		
802.11ac-VHT20 MCS0	36	5180	15.44	17.00	96.81	
	40	5200	15.40	17.00		
	44	5220	15.43	17.00		
	48	5240	15.50	17.00		
802.11ac-VHT40 MCS0	38	5190	14.45	16.00	93.75	
	46	5230	14.93	16.50		
802.11ac-VHT80 MCS0	42	5210	11.20	13.00	88.19	

5.3GHz WLAN				Ant 4		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	52	5260	17.36	19.00	96.97	
	56	5280	17.24	19.00		
	60	5300	17.29	19.00		
	64	5320	17.46	19.00		
802.11n-HT20 MCS0	52	5260	15.43	17.00	96.77	
	56	5280	15.41	17.00		
	60	5300	15.46	17.00		
	64	5320	15.52	17.00		
802.11n-HT40 MCS0	54	5270	15.57	17.00	93.68	
	62	5310	14.45	16.00		
802.11ac-VHT20 MCS0	52	5260	15.46	17.00	96.81	
	56	5280	15.52	17.00		
	60	5300	15.42	17.00		
	64	5320	15.48	17.00		
802.11ac-VHT40 MCS0	54	5270	15.03	16.50	93.75	
	62	5310	14.36	16.00		
802.11ac-VHT80 MCS0	58	5290	10.84	12.50	88.19	

5.5GHz WLAN				Ant 4		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	100	5500	17.49	19.00	96.97	
	116	5580	17.38	19.00		
	124	5620	17.44	19.00		
	132	5660	17.33	19.00		
	140	5700	16.25	18.00		
	144	5720	17.39	19.00		
802.11n-HT20 MCS0	100	5500	15.47	17.00	96.77	
	116	5580	15.44	17.00		
	124	5620	15.40	17.00		
	132	5660	15.50	17.00		
	140	5700	13.99	15.50		
	144	5720	15.45	17.00		
802.11n-HT40 MCS0	102	5510	15.25	16.50	93.68	
	110	5550	15.49	17.00		
	126	5630	15.46	17.00		
	134	5670	15.55	17.00		
802.11ac-VHT20 MCS0	100	5500	15.43	17.00	96.81	
	116	5580	15.40	17.00		
	124	5620	15.45	17.00		
	132	5660	15.42	17.00		
	140	5700	13.87	15.50		
	144	5720	15.39	17.00		
802.11ac-VHT40 MCS0	102	5510	14.97	16.50	93.75	
	110	5550	15.00	16.50		
	126	5630	15.05	16.50		
	134	5670	15.06	16.50		
802.11ac-VHT80 MCS0	106	5530	13.94	15.50	88.19	
	122	5610	13.96	15.50		
	138	5690	14.01	15.50		

5.8GHz WLAN				Ant 4		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	149	5745	17.41	19.00	96.97	
	157	5785	17.32	19.00		
	165	5825	17.18	19.00		
802.11n-HT20 MCS0	149	5745	15.51	17.00	96.77	
	157	5785	15.46	17.00		
	165	5825	15.40	17.00		
802.11n-HT40 MCS0	151	5755	15.52	17.00	93.68	
	159	5795	15.48	17.00		
802.11ac-VHT20 MCS0	149	5745	15.40	17.00	96.81	
	157	5785	15.44	17.00		
	165	5825	15.39	17.00		
802.11ac-VHT40 MCS0	151	5755	14.99	16.50	93.75	
	159	5795	14.94	16.50		
802.11ac-VHT80 MCS0	155	5775	13.90	15.50	88.19	



### Sensor on power

<WLAN 2.4GHz>						
2.4GHz WLAN					Ant 1	
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	9.45	11.00	100.00
		6	2437	9.31	11.00	
		11	2462	9.16	11.00	
	802.11g 6Mbps	1	2412	9.41	11.00	
		6	2437	9.37	11.00	
		11	2462	9.29	11.00	
	802.11n-HT20 MCS0	1	2412	9.24	11.00	
		6	2437	9.39	11.00	
		11	2462	9.12	11.00	

<WLAN 5GHz>							
5.2GHz WLAN					Ant 3		
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	36	5180	11.60	13.00	96.97	
		40	5200	11.43	13.00		
		44	5220	11.50	13.00		
		48	5240	11.57	13.00		
	802.11n-HT20 MCS0	36	5180	11.35	13.00		
		40	5200	11.43	13.00		
		44	5220	11.42	13.00		
		48	5240	11.42	13.00		
	802.11n-HT40 MCS0	38	5190	11.36	13.00		
		46	5230	11.32	13.00		
	802.11ac-VHT20 MCS0	36	5180	11.31	13.00		96.81
		40	5200	11.30	13.00		
		44	5220	11.35	13.00		
		48	5240	11.23	13.00		
	802.11ac-VHT40 MCS0	38	5190	11.35	13.00		
		46	5230	11.31	13.00		
	802.11ac-VHT80 MCS0	42	5210	11.20	13.00		88.19

<WLAN 5.3GHz>							
5.3GHz WLAN					Ant 4		
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	52	5260	11.26	12.50	96.97	
		56	5280	11.13	12.50		
		60	5300	11.09	12.50		
		64	5320	11.28	12.50		
	802.11n-HT20 MCS0	52	5260	10.90	12.50		
		56	5280	10.85	12.50		
		60	5300	10.81	12.50		
		64	5320	10.95	12.50		
	802.11n-HT40 MCS0	54	5270	10.86	12.50		
		62	5310	10.87	12.50		
	802.11ac-VHT20 MCS0	52	5260	10.76	12.50		96.81
		56	5280	10.79	12.50		
		60	5300	10.80	12.50		
		64	5320	10.92	12.50		
	802.11ac-VHT40 MCS0	54	5270	10.69	12.50		
		62	5310	10.68	12.50		
	802.11ac-VHT80 MCS0	58	5290	10.84	12.50		88.19

<WLAN 5.5GHz>							
5.5GHz WLAN					Ant 4		
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	100	5500	9.79	11.50	96.97	
		116	5580	9.59	11.50		
		124	5620	9.64	11.50		
		132	5660	9.60	11.50		
		140	5700	9.58	11.50		
		144	5720	9.68	11.50		
	802.11n-HT20 MCS0	100	5500	9.73	11.50		
		116	5580	9.76	11.50		
		124	5620	9.72	11.50		
		132	5660	9.77	11.50		
		140	5700	9.78	11.50		
		144	5720	9.77	11.50		
	802.11n-HT40 MCS0	102	5510	9.71	11.50		
		110	5550	9.67	11.50		
		126	5630	9.74	11.50		
		134	5670	9.68	11.50		
	802.11ac-VHT20 MCS0	142	5710	9.64	11.50		
		100	5500	9.69	11.50		96.81
		116	5580	9.70	11.50		
		124	5620	9.67	11.50		
		132	5660	9.73	11.50		
		140	5700	9.56	11.50		
	144	5720	9.63	11.50			
	802.11ac-VHT40 MCS0	102	5510	9.60	11.50		
		110	5550	9.59	11.50		
		126	5630	9.63	11.50		
		134	5670	9.56	11.50		
802.11ac-VHT80 MCS0	142	5710	9.63	11.50			
	106	5530	9.56	11.50			
	122	5610	9.69	11.50			
	138	5690	9.73	11.50			

<WLAN 5.8GHz>							
5.8GHz WLAN					Ant 4		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	149	5745	10.62	12.00	96.97	
		157	5785	10.60	12.00		
		165	5825	10.30	12.00		
	802.11n-HT20 MCS0	149	5745	10.12	12.00		
		157	5785	10.25	12.00		
		165	5825	10.21	12.00		
	802.11n-HT40 MCS0	151	5755	10.10	12.00		
		159	5795	10.06	12.00		
	802.11ac-VHT20 MCS0	149	5745	10.11	12.00		96.81
		157	5785	10.14	12.00		
		165	5825	10.12	12.00		
	802.11ac-VHT40 MCS0	151	5755	10.13	12.00		
		159	5795	10.11	12.00		
	802.11ac-VHT80 MCS0	155	5775	10.23	12.00		88.19



**BT BR/EDR**

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.24	7.92	7.67
	CH 39	2441	10.31	7.73	7.73
	CH 78	2480	10.20	7.85	7.69
Tune-up Limit			12.00	9.50	9.50

**BLE\_1M**

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	-2.08
	CH 19	2440	-1.24
	CH 39	2480	-2.24
Tune-up Limit			0

**BLE\_2M**

Mode	Channel	Frequency (MHz)	Average power (dBm)
			2Mbps
LE	CH 00	2402	-2.09
	CH 19	2440	-1.29
	CH 39	2480	-2.27
Tune-up Limit			0