



WLAN/Bluetooth Power

2.4GHz WLAN				Ant 1			Ant 2			Ant 1+2			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %		
802.11b 1Mbps	1	2412	17.68	19.50	99.00	18.36	19.50	98.67					
	6	2437	17.73	19.50		18.31	19.50						
	11	2462	17.74	19.50		18.27	19.50						
	802.11g 6Mbps	1	2412	14.69	16.50	100.00	14.47	16.00	100.00	17.59	19.20	100.00	
		2	2417	15.35	17.00		16.04	17.00		18.71	20.00		
		3	2422	15.19	17.00		16.01	17.00		18.63	20.00		
		4	2427	15.46	17.00		16.25	17.00		18.85	20.00		
		5	2432	15.42	17.00		16.24	17.00		18.51	20.00		
		6	2437	15.13	17.00		15.84	17.00		18.85	20.00		
7		2442	15.42	17.00	16.22		17.00	18.67		20.00			
8		2447	15.13	17.00	16.24		17.00	18.67		20.00			
9		2452	15.00	17.00	16.24		17.00	18.67		20.00			
802.11n-HT20 MCS0	1	2412	12.38	14.00	98.91	12.97	14.50	98.91	15.69	17.20	98.91		
	6	2437	14.75	16.50		15.29	17.00		18.04	19.70			
	10	2457	14.27	16.00		15.84	17.00		18.13	19.50			
	11	2462	11.40	13.00	12.18	13.50	14.82	16.20					
	802.11ac-VHT20 MCS0	1	2412	12.46	14.00	98.92	13.09	14.50	98.92	15.80	17.20	98.92	
		6	2437	14.79	16.50		15.38	17.00		18.21	19.70		
		11	2462	11.47	13.00		12.32	13.50		14.93	16.20		
		802.11ax-HE20 MCS0	1	2412	12.71	14.50	98.31	13.22	14.50	98.87	15.98	17.50	98.87
			6	2437	15.06	16.50		15.67	17.00		18.38	19.70	
10			2497	14.77	16.00	16.15		17.50	18.52		19.80		
11			2462	11.82	13.50	12.69	13.50	15.28	16.50				

5.2GHz WLAN				Ant 1			Ant 2			Ant 1+2			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %		
802.11a 6Mbps	36	5180	16.73	17.50	100.00	16.20	17.50	100.00	19.51	20.50	100.00		
	40	5200	16.04	17.50		16.22	17.50		19.45	20.50			
	44	5220	16.59	17.50		16.19	17.50		19.39	20.50			
	802.11n-HT20 MCS0	36	5180	14.34	16.00	98.92	14.23	16.00	98.92	17.10	18.50	98.92	
		40	5200	16.19	17.50		16.06	17.50		19.13	20.50		
		44	5220	16.38	17.50		16.04	17.50		19.22	20.50		
		802.11ac-VHT40 MCS0	36	5180	14.50	16.00	98.87	14.44	11.00	98.87	12.43	14.00	98.87
			40	5200	16.89	17.50		16.27	17.50		19.60	20.50	
			44	5220	16.05	17.50		16.33	17.50		19.47	20.50	
802.11ax-HE40 MCS0			36	5180	16.38	17.50	98.87	16.22	17.50	98.87	19.58	20.50	98.87
			40	5200	16.50	17.50		16.22	17.50		19.58	20.50	
			44	5220	16.32	17.50		16.22	17.50		19.58	20.50	
	802.11ax-HE80 MCS0		36	5180	16.32	17.50	98.87	16.22	17.50	98.87	19.58	20.50	98.87
			40	5200	16.32	17.50		16.22	17.50		19.58	20.50	
			44	5220	16.32	17.50		16.22	17.50		19.58	20.50	

5.3GHz WLAN				Ant 1			Ant 2			Ant 1+2			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %		
802.11a 6Mbps	52	5260	16.68	17.50	100.00	16.04	17.50	100.00	19.38	20.50	100.00		
	56	5280	16.62	17.50		16.08	17.50		19.37	20.50			
	60	5300	16.52	17.50		16.08	17.50		19.31	20.50			
	802.11n-HT20 MCS0	52	5260	16.47	17.50	98.92	16.15	17.50	98.92	19.32	20.50	98.92	
		56	5280	16.59	17.50		16.08	17.50		19.35	20.50		
		60	5300	16.57	17.50		16.16	17.50		19.38	20.50		
		802.11ac-VHT40 MCS0	52	5260	13.96	15.50	98.87	14.79	16.50	98.87	17.40	19.00	98.87
			56	5280	16.32	17.50		16.06	17.50		19.20	20.50	
			60	5300	16.38	17.50		16.01	17.50		19.21	20.50	
802.11ax-HE40 MCS0			52	5260	16.68	17.50	98.87	16.04	17.50	98.87	19.38	20.50	98.87
			56	5280	16.66	17.50		16.14	17.50		19.42	20.50	
			60	5300	16.60	17.50		16.25	17.50		19.44	20.50	

5.5GHz WLAN				Ant 1			Ant 2			Ant 1+2			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %		
802.11a 6Mbps	100	5600	16.58	17.50	100.00	16.23	17.50	100.00	19.42	20.50	100.00		
	116	5680	16.62	17.50		16.07	17.50		19.36	20.50			
	124	5620	16.51	17.50		16.25	17.50		19.39	20.50			
	802.11n-HT20 MCS0	100	5600	16.53	17.50	98.92	16.31	17.50	98.92	19.43	20.50	98.92	
		116	5680	16.54	17.50		16.13	17.50		19.41	20.50		
		124	5620	16.58	17.50		16.13	17.50		19.37	20.50		
		802.11ac-VHT40 MCS0	100	5600	16.37	17.50	98.92	16.13	17.50	98.92	19.26	20.50	98.92
			116	5680	16.54	17.50		16.13	17.50		19.26	20.50	
			124	5620	16.58	17.50		16.13	17.50		19.37	20.50	
802.11ax-HE80 MCS0			100	5600	16.37	17.50	98.77	16.13	17.50	98.77	19.26	20.50	98.77
			116	5680	16.54	17.50		16.13	17.50		19.26	20.50	
			124	5620	16.58	17.50		16.13	17.50		19.37	20.50	



5.8GHz WLAN				Ant 1			Ant 2			Ant 1+2		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	
802.11a @Mbps	149	5745	16.67	17.50	100.00	16.07	17.50	100.00	19.39	20.50	100.00	
	157	5785	16.66	17.50		16.13	17.50		19.41	20.50		
	165	5825	16.64	17.50		16.01	17.50		19.35	20.50		
802.11n-HT20 MCS9	149	5745	16.75	17.50	98.92	16.31	17.50	98.38	19.54	20.50	98.92	
	157	5785	16.57	17.50		16.25	17.50		19.42	20.50		
	165	5825	16.48	17.50		16.22	17.50		19.36	20.50		
802.11n-HT40 MCS9	151	5755	16.45	17.50	98.87	15.98	17.50	98.87	19.23	20.50	98.87	
	159	5795	16.56	17.50		16.08	17.50		19.34	20.50		
	149	5745	16.65	17.50		16.14	17.50		19.41	20.50		
802.11ac-VHT20 MCS9	157	5785	16.63	17.50	98.92	16.21	17.50	98.92	19.43	20.50	98.92	
	165	5825	16.67	17.50		16.08	17.50		19.39	20.50		
	151	5755	16.37	17.50		15.83	17.50		19.12	20.50		
802.11ac-VHT40 MCS9	159	5795	16.40	17.50	98.87	15.77	17.50	98.87	19.11	20.50	98.87	
802.11ac-VHT80 MCS9	155	5775	16.13	17.50	98.78	15.52	17.50	98.17	18.85	20.50	98.78	
802.11ax-HE20 MCS9	149	5745	16.50	17.50	98.69	16.35	17.50	98.70	19.65	20.50	98.70	
	157	5785	16.94	17.50		16.26	17.50		19.62	20.50		
	165	5825	16.93	17.50		16.24	17.50		19.61	20.50		
802.11ax-HE40 MCS9	151	5755	16.61	17.50	98.68	16.17	17.50	98.63	19.40	20.50	98.68	
	159	5795	16.70	17.50		16.15	17.50		19.44	20.50		
	155	5775	16.37	17.50		15.60	17.50		19.01	20.50		

WiFi 6E				Ant 1			Ant 2			Ant 1+2		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %	
802.11ax-HE20 MCS9	1	5955	-0.66	0.00	98.70	-1.28	0.00	98.05	2.04	3.00	98.05	
	57	6235	-1.03	0.00		-1.33	0.00		1.83	3.00		
	113	6515	-0.50	1.00		-1.12	0.50		2.21	3.70		
	173	6815	-0.42	1.00		-0.87	1.00		2.37	4.00		
	233	7115	-10.33	-9.00		-11.12	-9.00		-7.70	-6.00		
802.11ax-HE40 MCS9	3	5965	1.96	3.00	98.69	1.79	3.00	98.69	4.88	6.00	98.69	
	69	6245	1.94	3.00		1.88	3.00		4.92	6.00		
	107	6485	2.69	3.50		2.18	3.50		5.45	6.50		
	171	6805	2.96	4.00		2.77	4.00		5.88	7.00		
	227	7085	4.02	4.50		3.41	4.50		6.73	7.50		
802.11ax-HE80 MCS9	7	5985	4.21	5.00	97.95	4.21	5.00	97.95	7.22	8.00	97.95	
	71	6305	4.08	5.00		4.12	5.00		7.11	8.00		
	119	6545	4.70	5.50		4.42	5.50		7.57	8.50		
	167	6785	4.53	5.50		4.01	5.50		7.29	8.50		
	215	7025	6.03	6.50		5.55	6.50		8.81	9.50		
802.11ax-HE160 MCS9	15	6025	6.81	7.00	97.93	6.62	7.00	98.62	9.73	10.00	98.62	
	47	6185	7.02	7.50		6.70	7.00		9.87	10.20		
	111	6505	7.07	7.50		6.59	7.50		9.85	10.50		
	175	6825	7.05	8.00		6.85	8.00		9.96	11.00		
	207	6985	7.28	8.00		7.02	8.00		10.16	11.00		

**BT BR/EDR**

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	5.01	4.56	4.54
	CH 39	2441	5.13	4.74	4.58
	CH 78	2480	4.87	4.38	4.19
Tune-up Limit			6.50	6	6

BT LE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	4.87
	CH 19	2440	5.09
	CH 39	2480	5.02
Tune-up Limit			6.5

BT LE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	5.03
	CH 19	2440	5.11
	CH 39	2480	5.08
Tune-up Limit			6.5

nRF

Channel	Frequency (MHz)	Average power (dBm)
CH 00	2402	-0.12
CH 19	2440	-0.29
CH 38	2478	-0.27
Tune-up Limit		0