

<2.4GHz WLAN>

Mode	Channel	Frequency (MHz)	Ant.1		Ant.2		Ant.1+2		Duty Cycle %
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.00	19.34	21.00	22.21	24.00	98.28
		6	2437	19.52	21.00	19.34	21.00	22.44	
		11	2462	19.41	21.00	20.57	22.00	23.04	
	802.11g 6Mbps	1	2412	13.82	15.00	14.28	15.00	17.07	98.77
		6	2437	14.03	15.00	13.86	15.00	16.96	
		11	2462	13.90	15.00	15.02	16.50	17.21	
	802.11n-HT20 MCS0	1	2412	12.67	14.50	13.25	14.50	15.88	100.00
		6	2437	12.95	14.50	12.93	14.50	15.95	
		11	2462	13.08	14.50	14.02	15.00	16.09	
	802.11n-HT40 MCS0	3	2422	12.99	14.50	13.35	15.00	16.14	100.00
		6	2437	13.22	14.50	13.17	15.00	16.21	
		9	2452	13.16	14.50	13.05	15.00	16.41	
	802.11ac-VHT20 MCS0	3	2412	12.89	14.50	13.25	14.50	15.01	100.00
		6	2437	12.97	14.50	12.95	14.50	15.97	
		11	2462	13.12	14.50	14.03	15.00	16.01	
	802.11ac-VHT40 MCS0	3	2422	13.03	15.00	13.28	15.00	16.17	100.00
		6	2437	13.25	15.00	13.21	15.00	16.24	
		9	2452	13.19	15.00	13.48	15.00	16.43	
	802.11ax-HE20 MCS0	1	2412	12.73	14.50	13.34	14.50	16.06	100.00
		6	2437	13.08	14.50	12.97	14.50	16.04	
		11	2462	13.14	14.50	14.07	15.00	16.04	
	802.11ax-HE40 MCS0	3	2422	13.06	15.00	13.59	15.00	16.24	100.00
		6	2437	13.28	15.00	13.25	15.00	16.25	
		9	2452	13.21	15.00	13.05	15.00	16.45	

<5.2GHz WLAN>

Mode	Channel	Frequency (MHz)	Ant.1		Ant.2		Ant.1+2		Duty Cycle %
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	12.15	14.50	12.84	14.50	13.81	99.32
		40	5200	14.25	16.00	15.02	17.00	17.66	
		44	5220	14.27	16.00	15.14	17.00	17.74	
	802.11n-HT20 MCS0	48	5240	15.22	17.00	15.84	17.00	18.05	100.00
		36	5180	12.73	14.50	12.85	14.50	15.80	
		40	5200	13.14	15.00	13.88	15.00	16.54	
	802.11n-HT40 MCS0	44	5220	13.34	15.00	14.04	15.00	16.71	100.00
		48	5240	14.06	15.00	14.79	15.00	17.43	
		36	5180	10.87	12.50	11.45	13.00	14.15	
	802.11ac-VHT20 MCS0	48	5230	13.90	15.00	14.80	16.00	17.48	100.00
		36	5180	12.78	14.50	12.89	14.50	15.85	
		40	5200	13.18	15.00	13.95	15.00	16.59	
	802.11ac-VHT40 MCS0	44	5220	13.37	15.00	14.08	15.00	16.75	100.00
		48	5240	14.10	16.00	14.77	16.00	17.48	
		36	5180	10.90	12.50	11.44	13.00	14.15	
	802.11ac-VHT80 MCS0	46	5230	13.97	15.00	15.00	16.00	17.53	100.00
		42	5210	10.89	12.50	11.10	13.00	13.91	
		38	5180	12.84	14.50	13.48	14.50	15.90	
	802.11ax-HE20 MCS0	49	5200	13.21	15.00	14.01	15.00	16.84	100.00
		44	5220	13.42	15.00	14.15	15.00	16.81	
		48	5240	14.13	16.00	14.81	16.00	17.49	
	802.11ax-HE40 MCS0	38	5180	10.95	12.50	11.51	13.00	14.25	100.00
		42	5210	10.94	12.50	11.50	13.00	14.25	
		42	5210	10.71	12.50	11.15	13.00	13.95	

<5.3GHz WLAN>

Mode	Channel	Frequency (MHz)	Ant.1		Ant.2		Ant.1+2		Duty Cycle %
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	12.29	17.00	11.55	17.00	16.64	99.32
		56	5280	14.79	16.00	15.66	17.00	18.26	
		60	5300	14.25	16.00	15.55	17.00	17.96	
	802.11n-HT20 MCS0	54	5320	12.17	14.00	13.15	15.00	15.70	100.00
		52	5260	14.27	16.00	14.91	16.00	17.81	
		56	5280	13.87	15.00	14.66	16.00	17.31	
	802.11n-HT40 MCS0	60	5300	13.13	15.00	14.49	16.00	16.94	100.00
		64	5320	11.57	13.00	12.76	14.00	15.22	
		54	5320	14.46	16.00	15.10	17.00	17.80	
	802.11ac-VHT20 MCS0	62	5310	10.76	12.50	12.17	14.00	14.53	100.00
		52	5260	14.34	16.00	14.98	16.00	17.68	
		56	5280	13.92	15.00	14.74	16.00	17.36	
	802.11ac-VHT40 MCS0	60	5300	13.20	15.00	14.67	16.00	17.01	100.00
		64	5320	11.59	13.00	12.83	14.00	15.26	
		54	5320	14.52	16.00	15.17	17.00	17.87	
	802.11ac-VHT80 MCS0	62	5310	10.80	12.50	12.23	14.00	14.88	100.00
		58	5280	11.30	13.00	12.16	14.00	14.76	
		50	5250	10.99	12.50	12.26	14.00	14.75	
	802.11ax-HE20 MCS0	52	5260	14.41	16.00	15.04	16.00	17.75	100.00
		56	5280	13.98	15.00	14.79	16.00	17.42	
		60	5300	13.24	15.00	14.71	16.00	17.05	
	802.11ax-HE40 MCS0	64	5320	11.64	13.00	12.88	14.00	15.31	100.00
		54	5320	14.56	16.00	15.21	17.00	17.91	
		62	5310	10.85	12.50	12.27	14.00	14.63	
	802.11ax-HE80 MCS0	58	5290	11.34	13.00	12.21	14.00	14.81	100.00
		50	5250	11.03	13.00	12.35	14.00	14.74	

<5.5GHz WLAN>

Mode	Channel	Frequency (MHz)	Ant.1		Ant.2		Ant.1+2		Duty Cycle %
			Average power (dBm)	Time-Up Limit (s)	Average power (dBm)	Time-Up Limit (s)	Average power (dBm)	Time-Up Limit (s)	
802.11a 6Mbps	100	5500	14.24	16.00	15.48	17.00	17.91	19.00	99.32
	116	5580	14.69	16.00	15.91	17.00	18.36	19.50	
	124	5620	14.94	16.00	16.01	17.00	18.52	20.00	
	132	5660	14.80	16.00	16.11	17.00	18.56	20.00	
	140	5700	13.95	15.00	14.97	16.00	17.50	19.00	
	100	5500	15.66	16.00	14.92	16.00	17.35	19.00	
802.11n-HT20 MCS0	116	5580	13.75	15.00	15.00	16.00	17.43	19.00	100.00
	124	5620	13.89	15.00	15.17	16.00	17.59	19.00	
	132	5660	13.87	15.00	15.13	16.00	17.56	19.00	
	140	5700	13.46	15.00	14.61	16.00	17.06	19.00	
	102	5610	11.95	13.00	13.25	15.00	15.66	17.00	
	110	5550	14.17	16.00	15.46	17.00	17.87	19.00	
802.11n-HT40 MCS0	128	5630	14.14	16.00	15.33	17.00	17.90	19.00	100.00
	134	5670	13.28	15.00	14.51	16.00	16.95	19.00	
	100	5500	13.75	15.00	14.95	16.00	17.40	19.00	
	116	5580	13.77	15.00	15.05	16.00	17.47	19.00	
	124	5620	13.96	15.00	15.21	16.00	17.64	19.00	
	132	5660	13.93	15.00	15.19	16.00	17.62	19.00	
802.11n-VHT40 MCS0	140	5700	13.48	15.00	14.64	16.00	17.11	19.00	100.00
	102	5610	12.02	13.50	13.32	15.00	15.73	17.00	
	110	5550	14.26	16.00	15.51	17.00	17.93	19.00	
	126	5630	14.17	16.00	15.05	17.00	17.95	19.00	
	134	5670	13.34	15.00	14.56	16.00	17.00	19.00	
	106	5520	11.40	13.00	12.40	14.00	14.46	16.00	
802.11n-VHT80 MCS0	122	5610	13.01	14.50	14.25	16.00	16.68	19.00	100.00
	114	5570	11.62	13.50	12.72	14.50	15.22	17.00	
	100	5500	13.82	15.00	15.01	16.00	17.47	19.00	
	116	5580	13.83	15.00	15.11	16.00	17.53	19.00	
	124	5620	14.02	15.00	15.24	16.00	17.68	19.00	
	132	5660	13.97	15.00	15.23	16.00	17.66	19.00	
802.11ac-VHT20 MCS0	140	5700	13.53	15.00	14.71	16.00	17.17	19.00	100.00
	102	5610	12.09	13.50	13.39	15.00	15.66	17.00	
	110	5550	14.27	16.00	15.51	17.00	17.93	19.00	
	128	5630	14.06	16.00	15.63	17.00	17.80	19.00	
	134	5670	13.43	14.50	14.64	15.50	17.08	18.00	
	100	5500	13.44	13.00	12.46	14.00	14.90	15.00	
802.11ac-VHT40 MCS0	126	5630	13.36	14.50	14.32	15.50	16.75	18.00	100.00
	134	5670	11.96	13.50	12.74	14.50	15.22	16.00	
	100	5500	13.44	13.00	12.46	14.00	14.90	15.00	
	116	5580	13.38	14.50	14.32	15.50	16.75	18.00	
	124	5620	13.57	14.50	14.54	15.50	16.78	18.00	
	132	5660	13.54	14.50	14.51	15.50	16.76	18.00	
802.11ax-HE80 MCS0	140	5700	13.44	13.00	12.46	14.00	14.90	15.00	100.00
	126	5630	13.36	14.50	14.32	15.50	16.75	18.00	
	134	5670	11.96	13.50	12.74	14.50	15.22	16.00	
	100	5500	13.44	13.00	12.46	14.00	14.90	15.00	
	116	5580	13.38	14.50	14.32	15.50	16.75	18.00	
	124	5620	13.57	14.50	14.54	15.50	16.78	18.00	
802.11ax-HE160 MCS0	132	5660	13.54	14.50	14.51	15.50	16.76	18.00	100.00
	140	5700	13.44	13.00	12.46	14.00	14.90	15.00	
	126	5630	13.36	14.50	14.32	15.50	16.75	18.00	
	134	5670	11.96	13.50	12.74	14.50	15.22	16.00	
	100	5500	13.44	13.00	12.46	14.00	14.90	15.00	
	116	5580	13.38	14.50	14.32	15.50	16.75	18.00	

<Bluetooth>			Ant 1		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	3.72	0.85	0.87
	CH 39	2441	3.86	1.08	1.08
	CH 19	2440	4.36	1.65	1.64
	Tune-up Limit		5.50	2.50	2.50

BLE_1Mbps			Ant 1		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			GFSK		
LE	CH 00	2402	2.95		
	CH 19	2440	3.35		
	CH 39	2440	3.41		
	Tune-up Limit		4.50		

BLE_2Mbps			Ant 1		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			2Mbps		
LE	CH 01	2404	2.75		
	CH 19	2440	3.12		
	CH 39	2478	3.25		
	Tune-up Limit		4.50		

NRF			Ant 3		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
NRF	CH 00	2402 MHz	3.68		
	CH 19	2440 MHz	3.73		
	CH 39	2480 MHz	3.70		
	Tune-up Limit		5.50		

BLE_1Mbps			Ant 3		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			GFSK		
LE	CH 00	2402	3.56		
	CH 19	2440	3.49		
	CH 39	2480	3.41		
	Tune-up Limit		5.00		

BLE_2Mbps			Ant 3		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			2Mbps		
LE	CH 01	2404	3.51		
	CH 19	2440	3.37		
	CH 39	2478	3.26		
	Tune-up Limit		5.00		

<Bluetooth>			Ant 2		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	4.43	1.31	1.27
	CH 39	2441	3.87	1.14	1.09
	CH 19	2440	4.03	1.26	1.25
	Tune-up Limit		5.50	2.50	2.50

BLE_1Mbps			Ant 2		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			GFSK		
LE	CH 00	2402	3.89		
	CH 19	2440	3.35		
	CH 39	2480	3.05		
	Tune-up Limit		4.50		

BLE_2Mbps			Ant 2		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			2Mbps		
LE	CH 01	2404	3.51		
	CH 19	2440	3.13		
	CH 39	2478	3.05		
	Tune-up Limit		4.50		