

~2.4GHz WLAN~														
Mode	Channel	Frequency (MHz)	Ant 0 Default/Full Power		Ant 2 Default/Full Power		Ant 0+2 Default/Full Power		Ant 0 Sensor on		Ant 2 Reduced power		Duty Cycle %	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	19.72	21.50	20.16	22.00	19.72	21.50	11.74	13.00		98.35	
		6	2437	18.49	20.00	18.92	20.50	18.49	20.00	10.79	12.50			
		11	2462	18.91	20.50	19.56	21.00	18.91	20.50	10.53	12.50			
		1	2412	14.45	16.00	14.20	16.00	17.34	19.00	16.00	13.00	17.50		90.78
		2	2417	18.48	20.00	17.53	19.00	21.04	22.50	21.00	13.00	20.50		
		6	2437	19.98	21.50	18.89	20.50	22.48	24.00	21.50	13.00	22.00		
	8	2447	17.78	19.50	17.36	18.50	20.57	22.00	19.50	13.00	20.00			
	9	2452	17.16	19.00	16.75	18.50	19.97	21.50	19.00	13.00	19.50			
	10	2457	17.29	19.00	16.78	18.50	20.05	21.50	19.00	13.00	19.00			
	802.11n-HT40 MCS0	11	2462	15.36	17.00	14.99	16.50	18.19	19.50	17.00	13.00	18.00	85.27	
		1	2412	14.15	16.00	13.93	15.50	17.05	18.50	16.00	13.00	17.50		
		2	2417	17.65	19.50	17.08	18.50	20.95	22.00	19.50	13.00	20.00		
		6	2437	18.45	21.00	18.26	20.00	21.91	23.50	21.00	13.00	21.50		
		7	2442	18.19	21.00	18.38	20.00	21.81	23.50	21.00	13.00	21.50		
		8	2447	15.56	17.50	15.60	17.50	18.78	20.00	17.50	13.00	18.50		
	802.11n-HT40 MCS0	9	2452	15.88	17.50	15.50	17.00	18.70	20.00	17.50	13.00	18.50	85.22	
		10	2457	14.87	16.50	14.65	16.50	17.77	19.50	16.50	13.00	18.00		
		11	2462	12.88	14.50	12.57	14.00	15.74	17.00	14.50	13.00	16.50		
		3	2422	14.44	16.00	13.75	15.50	17.12	18.50	16.00	13.00	17.50		
		6	2437	12.62	14.50	11.88	13.50	15.28	17.00	14.50	13.00	16.50		
		9	2452	11.97	13.50	11.38	13.00	14.70	16.00	13.50	13.00	16.00		
	802.11ax-HE20 MCS0	1	2412	14.28	16.00	13.98	15.50	17.15	18.50	16.00	13.00	17.50	87.27	
		2	2417	18.08	19.50	17.21	19.00	20.88	22.00	19.50	13.00	20.00		
		6	2437	19.55	21.00	18.39	20.00	22.02	23.50	21.00	13.00	21.50		
7		2442	19.32	21.00	18.44	20.00	21.91	23.50	21.00	13.00	21.50			
8		2447	16.06	17.50	15.60	17.50	18.91	20.00	17.50	13.00	18.50			
9		2452	16.00	17.50	15.63	17.50	18.83	20.00	17.50	13.00	18.50			
802.11ax-HE40 MCS0	10	2457	14.94	16.50	14.72	16.50	17.84	19.50	16.50	13.00	18.00	87.27		
	11	2462	13.01	14.50	12.54	14.50	15.84	17.50	14.50	13.00	16.50			
	3	2422	14.54	16.00	13.88	15.50	17.23	18.50	16.00	13.00	17.50			
	6	2437	12.72	14.50	11.99	13.50	15.38	17.00	14.50	13.00	16.50			
	9	2452	12.09	13.50	11.42	13.00	14.78	16.00	13.50	13.00	16.00			

~5.2GHz WLAN~													
Mode	Channel	Frequency (MHz)	Ant 0 Default/Full Power		Ant 1 Default/Full Power		Ant 0+1 Default/Full Power		Ant 0 Sensor on		Ant 1 Reduced power		Duty Cycle %
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	17.52	19.00	18.34	20.00	20.96	22.50	19.00	10.00	19.50	90.78
		40	5200	17.84	19.00	18.26	20.00	20.97	22.50	19.00	10.00	19.50	
		44	5220	18.50	20.00	18.95	20.50	21.74	23.00	20.00	10.00	20.00	
		48	5240	17.30	19.00	17.99	19.50	20.67	22.00	19.00	10.00	19.00	
		36	5180	16.77	18.50	17.64	19.50	20.23	22.00	18.50	10.00	19.00	
		40	5200	18.53	20.00	18.96	20.50	19.91	23.00	20.00	10.00	20.00	
	802.11n-HT20 MCS0	44	5220	18.59	20.00	19.14	20.50	21.88	23.00	20.00	10.00	20.00	85.96
		48	5240	17.94	19.50	19.05	20.50	21.54	23.00	19.50	10.00	19.50	
		36	5180	14.95	16.50	16.16	18.00	18.61	19.50	16.50	10.00	17.50	
		38	5190	18.83	20.50	19.48	21.00	22.17	23.50	20.50	10.00	20.50	
		48	5240	16.62	18.50	17.70	19.50	20.29	22.00	18.50	10.00	19.00	
		40	5200	18.57	20.00	19.09	20.50	21.85	23.00	20.00	10.00	20.00	
	802.11ac-VHT20 MCS0	44	5220	18.63	20.00	19.21	20.50	21.94	23.00	20.00	10.00	20.00	85.22
		48	5240	17.98	19.50	19.08	20.50	21.57	23.00	19.50	10.00	19.50	
		36	5180	16.62	18.50	17.70	19.50	20.29	22.00	18.50	10.00	19.00	
		38	5190	15.00	16.50	16.19	18.00	18.65	20.00	16.50	10.00	17.00	
		48	5240	18.87	20.50	19.53	21.00	22.22	23.50	20.50	10.00	20.50	
		42	5220	18.88	20.50	19.46	21.00	22.17	23.50	20.50	10.00	20.50	
	802.11ac-VHT40 MCS0	48	5240	17.98	19.50	19.08	20.50	21.57	23.00	19.50	10.00	19.50	85.50
		36	5180	16.86	18.50	17.76	19.50	20.34	22.00	18.50	10.00	19.00	
		38	5190	15.00	16.50	16.19	18.00	18.65	20.00	16.50	10.00	17.00	
		48	5240	18.87	20.50	19.53	21.00	22.22	23.50	20.50	10.00	20.50	
		42	5220	18.88	20.50	19.46	21.00	22.17	23.50	20.50	10.00	20.50	
		44	5220	18.88	20.50	19.46	21.00	22.17	23.50	20.50	10.00	20.50	
802.11ac-VHT80 MCS0	48	5240	17.98	19.50	19.08	20.50	21.57	23.00	19.50	10.00	19.50	85.83	
	36	5180	16.86	18.50	17.76	19.50	20.34	22.00	18.50	10.00	19.00		
	38	5190	15.00	16.50	16.19	18.00	18.65	20.00	16.50	10.00	17.00		
	48	5240	18.87	20.50	19.53	21.00	22.22	23.50	20.50	10.00	20.50		
	42	5220	18.88	20.50	19.46	21.00	22.17	23.50	20.50	10.00	20.50		
	44	5220	18.88	20.50	19.46	21.00	22.17	23.50	20.50	10.00	20.50		
802.11ax-HE20 MCS0	40	5200	18.62	20.50	19.13	21.00	21.89	23.50	20.50	10.00	20.50	85.71	
	44	5220	18.65	20.50	19.23	21.00	21.96	23.50	20.50	10.00	20.50		
	48	5240	18.04	19.50	18.52	20.00	21.30	22.50	19.50	10.00	20.00		
	38	5190	15.04	16.50	16.26	18.00	18.71	20.00	16.50	10.00	17.00		
	48	5240	18.88	20.50	19.56	21.00	22.25	23.50	20.50	10.00	20.50		
	42	5220	18.87	20.50	19.45	21.00	22.25	23.50	20.50	10.00	20.50		
802.11ax-HE40 MCS0	42	5220	15.27	17.00	15.78	18.50	19.10	20.50	17.00	10.00	17.50	82.80	

~5.3GHz WLAN~													
Mode	Channel	Frequency (MHz)	Ant 0 Default/Full Power		Ant 1 Default/Full Power		Ant 0+1 Default/Full Power		Ant 0 Sensor on		Ant 1 Reduced power		Duty Cycle %
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	5280	18.33	20.00	18.15	20.00	21.23	23.00	20.00	10.00	20.00	90.78
		56	5280	18.50	20.00	18.10	20.00	21.31	23.00	18.50	20.00	20.00	
		60	5300	18.17	20.00	17.96	19.50	21.08	22.50	18.17	20.00	20.00	
		64	5320	18.05	20.50	18.59	20.50	21.84	23.50	18.05	20.50	20.50	
		52	5280	18.97	21.00	19.66	20.50	22.22	23.50	21.00	10.00	21.00	
		56	5280	18.53	21.00	18.92	20.50	22.24	23.50	19.53	21.00	21.00	
	802.11n-HT20 MCS0	60	5300	18.53	21.00	18.30	20.00	22.06	23.50	19.63	21.00	21.00	85.96
		64	5320	18.13	21.00	18.57	20.50	21.97	23.50	18.13	21.00	21.00	
		54	5270	20.00	21.50	19.70	21.50	22.87	24.50	20.00	21.50	21.50	
		62	5310	14.28	16.00	14.97	16.50	17.65	19.00	14.28	16.00	16.00	
		52	5280	18.61	21.50	18.86	20.50	22.26	24.00	18.61	21.50	21.50	
		56	5280	18.56	21.50	18.81	20.50	22.26	24.00	18.56	21.50	21.50	
	802.11ac-VHT20 MCS0	60	5300	18.66	21.50	18.42	20.00	22.09	23.50	18.66	21.50	21.50	85.78
		64	5320	18.18	21.00	18.66	20.50	21.94	23.50	18.18	21.00	21.00	
		54	5270	20.13	21.50	19.91	21.50	22.98	24.50	20.13	21.50	21.50	
		62	5310	14.33	16.00	15.02	17.00	17.70	19.50	14.33	16.00	16.50	
		58	5290	14.13	16.00	15.05	17.00	17.63	19.00	14.13	16.00	16.50	
		52	5280	18.65	21.50	18.88	20.50	22.29	24.00	18.65	21.50	21.50	
	802.11ac-VHT40 MCS0	58	5280										

<WLAN>GHz																
Mode	Channel	Frequency (MHz)	Ant 0 Default/Full Power		Ant 1 Default/Full Power		Ant 0+1 Default/Full Power		Ant 0 Default/Full Power		Ant 1 Sensor on		Ant 0+1 Reduced Power		Duty Cycle %	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
WIFI EE	802.11ax-HE20 MCS0	1	5965	8.59	9.00	8.55	9.00	11.58	12.00	Not Required	Not Required	Not Required	Not Required	14.00	94.22	
		57	6235	7.49	9.00	7.76	9.00	10.64	12.00					14.00		
		113	6515	8.29	9.00	8.17	9.00	11.24	12.00					12.50		
		173	6815	8.69	9.00	8.62	9.00	11.87	12.00					12.50		
		229	7095	7.91	9.00	7.10	9.00	10.53	12.00					13.50		
	802.11ax-HE40 MCS0	3	5965	10.57	12.00	11.28	12.00	13.95	15.00	Not Required	Not Required	Not Required	Not Required	15.00	93.89	
		59	6245	10.31	12.00	10.85	12.00	13.60	15.00					15.00		
		107	6485	10.86	12.00	10.57	12.00	13.83	15.00					14.00		
		171	6805	10.82	12.00	11.25	12.00	14.05	15.00					14.00		
		227	7085	10.80	12.00	10.94	12.00	13.88	15.00					15.00		
	802.11ax-HE80 MCS0	7	5985	13.98	15.50	14.52	16.00	17.27	18.50	13.98	15.50	11.28	12.50	15.84	17.60	85.61
		71	6305	13.53	15.50	14.05	15.00	16.81	18.50	13.53	15.50	10.84	12.50	15.34	17.00	
		119	6545	13.71	15.50	13.74	15.50	16.74	18.50	13.71	15.50	8.72	10.50	14.81	16.50	
		167	6785	13.65	15.50	14.06	15.50	16.87	18.50	13.65	15.50	8.49	10.00	14.81	16.50	
		215	7025	12.74	14.50	13.30	15.00	16.04	17.50	12.74	14.50	11.15	12.00	15.03	16.00	

BT BR/EDR Ant0 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.80	10.84	10.97	15.50
	CH 39	2441	14.36	11.85	11.73	15.50
	CH 78	2480	15.53	12.83	12.86	17.00

BLE 1M Ant0 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	7.68
	CH 19	2440	7.97
	CH 39	2480	9.48
Tune-up Limit			9.50

BLE 2M Ant0 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	8.67
	CH 19	2440	8.87
	CH 39	2480	9.41
Tune-up Limit			9.50