



Mode	Channel	Frequency (MHz)	Ant 1 Full power		Ant 2 Full power		Ant 1+2 Full power		Ant 1 Down Power		Ant 2 Full power		Ant 1+2 Down 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	
802.11b Mbps	1	2412	18.60	18.50	18.91	18.50	19.77	21.50	12.16	13.30	16.91	18.50	18.16	19.50	100.00
	6	2437	18.81	18.50	18.81	18.50	19.81	21.50	12.37	13.50	16.81	18.50	18.81	19.50	
	11	2462	15.41	17.00	15.77	17.00	16.60	20.00	11.91	13.50	15.77	17.00	17.27	18.50	
802.11g Mbps	1	2412	19.05	21.00	19.66	21.00	22.38	24.00		13.30	19.66	21.00	21.50	21.50	96.97
	6	2437	19.36	21.00	19.62	21.00	22.22	24.00		13.50	19.62	21.00	21.50	21.50	
	11	2462	19.02	21.00	19.48	21.00	20.27	24.00		13.30	19.48	21.00	21.50	21.50	
802.11n-HT20 MCS0	1	2412	18.37	20.00	18.36	20.00	21.73	23.00		13.30	18.36	20.00	20.50	20.50	96.78
	6	2437	18.83	20.00	18.52	20.00	21.69	23.00		13.30	18.52	20.00	20.50	20.50	
	11	2462	18.55	20.00	18.53	20.00	21.55	23.00		13.30	18.53	20.00	20.50	20.50	
802.11n-HT40 MCS0	1	2412	18.87	20.00	18.79	20.00	21.84	23.00	Not Required	13.30	18.79	20.00	Not Required	20.50	93.68
	6	2437	18.97	20.00	18.66	20.00	21.83	23.00		13.30	18.66	20.00	20.50	20.50	
	9	2462	18.62	20.00	18.09	20.00	21.87	23.00		13.30	18.09	20.00	20.50	20.50	
802.11a-HE30 MCS0	1	2412	16.19	18.00	16.90	18.00	19.57	21.00		13.30	16.90	18.00	19.00	19.00	95.91
	6	2437	16.71	18.00	16.27	18.00	19.51	21.00		13.30	16.27	18.00	19.00	19.00	
	11	2462	16.20	18.00	16.75	18.00	19.49	21.00		13.30	16.75	18.00	19.00	19.00	
802.11a-HE40 MCS0	1	2412	16.71	18.00	16.65	18.00	19.69	21.00		13.30	16.65	18.00	19.00	19.00	92.46
	6	2437	16.86	18.00	16.57	18.00	19.73	21.00		13.30	16.57	18.00	19.00	19.00	
	9	2462	16.55	18.00	16.93	18.00	19.75	21.00		13.30	16.93	18.00	19.00	19.00	

Mode	Channel	Frequency (MHz)	Ant 1 Full power		Ant 2 Full power		Ant 1+2 Full power		Ant 1 Down Power		Ant 2 Full power		Ant 1+2 Down 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	
802.11a Mbps	36	5180	15.56	17.00	15.32	17.00	18.46	20.00		9.00	15.32	17.00	17.50	17.50	96.97
	40	5200	16.87	18.50	17.25	18.50	20.07	21.50		9.00	17.25	18.50	18.50	18.50	
	44	5220	16.81	18.50	17.34	18.50	20.12	21.50		9.00	17.34	18.50	18.50	18.50	
802.11n-HT20 MCS0	36	5180	15.46	17.00	15.07	17.00	18.30	20.00		9.00	15.07	17.00	18.50	18.50	96.77
	40	5200	17.81	19.00	17.89	19.00	20.77	22.00		9.00	17.89	19.00	19.00	19.00	
	44	5220	17.57	19.00	18.13	19.00	20.87	22.00		9.00	18.13	19.00	19.00	19.00	
802.11n-HT40 MCS0	36	5180	16.97	18.50	17.67	18.50	19.67	21.00	Not Required	9.00	17.67	18.50	Not Required	19.00	93.70
	40	5200	15.41	15.00	15.08	15.00	15.26	15.00		9.00	15.08	15.00	Not Required	13.50	
	46	5230	17.12	19.00	18.09	19.00	20.64	22.00		9.00	18.09	19.00	19.00	19.00	
802.11ac-VHT0 MCS0	36	5180	17.16	19.00	17.78	19.00	20.49	22.00		9.00	17.78	19.00	19.00	19.00	97.10
	40	5200	17.02	19.00	17.94	19.00	20.46	22.00		9.00	17.94	19.00	19.00	19.00	
	44	5220	17.04	19.00	17.90	19.00	20.50	22.00		9.00	17.90	19.00	19.00	19.00	
802.11ac-VHT40 MCS0	36	5180	15.55	17.00	15.65	17.00	18.61	20.00		9.00	15.65	17.00	17.50	17.50	93.75
	40	5200	17.26	19.00	17.59	19.00	20.62	22.00		9.00	17.59	19.00	19.00	19.00	
	42	5210	12.37	14.00	12.36	14.00	15.37	17.00	7.54	9.00	12.36	14.00	13.60	15.00	
802.11a-HE30 MCS0	36	5180	17.40	19.00	17.95	19.00	20.70	22.00		9.00	17.95	19.00	19.00	19.00	95.89
	40	5200	17.26	19.00	18.06	19.00	20.57	22.00		9.00	18.06	19.00	19.00	19.00	
	44	5220	17.31	19.00	18.06	19.00	20.77	22.00		9.00	18.06	19.00	19.00	19.00	
802.11a-HE40 MCS0	36	5180	16.73	18.00	17.70	18.00	20.25	21.50	Not Required	9.00	17.70	18.00	Not Required	18.50	92.50
	40	5200	15.79	15.00	15.85	17.00	18.83	20.00		9.00	15.85	17.00	17.50	17.50	
	46	5230	17.42	19.00	18.02	19.00	20.74	22.00		9.00	18.02	19.00	19.00	19.00	
802.11a-HE80 MCS0	42	5210	12.63	14.00	12.70	14.00	15.68	17.00		9.00	12.70	14.00	15.00	15.00	86.84

Mode	Channel	Frequency (MHz)	Ant 1 Full power		Ant 2 Full power		Ant 1+2 Full power		Ant 1 Down Power		Ant 2 Full power		Ant 1+2 Down 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	
802.11a Mbps	52	5290	16.64	18.50	17.32	18.50	20.00	21.50		9.00	17.32	18.50	18.50	18.50	96.97
	56	5280	16.69	18.50	17.34	18.50	20.04	21.50		9.00	17.34	18.50	18.50	18.50	
	60	5300	16.77	18.50	17.37	18.50	20.09	21.50		9.00	17.37	18.50	18.50	18.50	
802.11n-HT20 MCS0	52	5290	17.30	19.00	18.06	19.00	20.71	22.00		9.00	18.06	19.00	19.00	19.00	96.77
	56	5280	17.38	19.00	18.09	19.00	20.76	22.00		9.00	18.09	19.00	19.00	19.00	
	60	5300	17.41	19.00	18.15	19.00	20.81	22.00		9.00	18.15	19.00	19.00	19.00	
802.11n-HT40 MCS0	54	5270	17.05	19.00	17.94	19.00	20.53	22.00	Not Required	9.00	17.94	19.00	Not Required	17.50	93.70
	56	5280	16.86	18.50	17.86	18.50	20.49	22.00		9.00	16.86	18.50	18.50	18.50	
	60	5300	17.15	19.00	17.84	19.00	20.52	22.00		9.00	17.84	19.00	19.00	19.00	
802.11ac-VHT0 MCS0	52	5290	17.05	19.00	17.87	19.00	20.49	22.00		9.00	17.87	19.00	19.00	19.00	97.10
	56	5280	17.05	19.00	17.87	19.00	20.49	22.00		9.00	17.87	19.00	19.00	19.00	
	60	5300	16.57	18.50	17.48	18.50	20.06	21.50		9.00	17.48	18.50	18.50	18.50	
802.11ac-VHT40 MCS0	54	5270	17.03	19.00	17.89	19.00	20.49	22.00		9.00	17.89	19.00	19.00	19.00	93.75
	56	5280	17.10	19.00	18.05	19.00	20.61	22.00		9.00	18.05	19.00	19.00	19.00	
	60	5300	16.31	18.00	16.83	18.00	18.59	21.00	7.34	9.00	16.83	18.00	14.50	15.00	
802.11a-HE30 MCS0	52	5290	11.69	13.50	11.97	13.50	14.54	16.50	7.34	9.00	11.97	13.50	13.26	15.00	86.89
	56	5280	17.26	19.00	18.03	19.00	20.60	22.00		9.00	18.03	19.00	19.00	19.00	
	60	5300	16.76	18.50	17.66	18.50	20.25	21.50		9.00	17.66	18.50	18.50	18.50	
802.11a-HE40 MCS0	54	5270	17.30	19.00	18.28	19.00	20.82	22.00	Not Required	9.00	18.28	19.00	Not Required	19.00	92.50
	56	5280	17.17	19.00	18.16	19.00	20.67	22.00		9.00	18.16	19.00	19.00	19.00	
	60	5300	16.65	18.00	17.01	18.00	18.84	21.00		9.00	17.01	18.00	18.50	18.50	
802.11a-HE80 MCS0	58	5290	11.93	13.50	12.26	13.50	15.16	16.50		9.00	12.26	13.50	14.50	15.00	86.84

Mode	Channel	Frequency (MHz)	Ant 1 Full power		Ant 2 Full power		Ant 1+2 Full power		Ant 1 Down Power		Ant 2 Full power		Ant 1+2 Down 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	
802.11a Mbps	100	5590	15.15	16.50	14.89	16.50	18.03	19.50		7.00	14.89	16.50	16.50	16.50	96.97
	116	5580	15.22	16.50	14.54	16.50	17.90	19.50		7.00	14.54	16.50	16.50	16.50	
	124	5620	15.31	16.50	14.63	16.50	17.99	19.50		7.00	14.63	16.50	16.50	16.50	
802.11n-HT20 MCS0	100	5590	14.86	16.50	14.89	16.50	17.80	19.50		7.00	14.89	16.50	16.50	16.50	96.77
	124	5620	14.90	16.50	14.76	16.50	17.84	19.50		7.00	14.76	16.50	16.50	16.50	
	144	5720	14.96	16.50	14.73	16.50	17.88	19.50		7.00	14.73	16.50	16.50	16.50	
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**BT BR/EDR**

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.66	8.95	8.89
	CH 39	2441	10.98	7.83	7.79
	CH 39	2480	10.79	7.43	7.39
	Tune-up Limit		12	9	9

BLE 1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	6.24
	CH 19	2440	6.29
	CH 39	2480	6.26
	Tune-up Limit		7

BLE 2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			2Mbps
LE	CH 00	2402	6.46
	CH 19	2440	6.32
	CH 39	2480	6.41
	Tune-up Limit		7