



REPORT No.: SZ22080394S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacture document.

Full Power

2.4GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 1	802.11b 1Mbps	CH 1	2412	17.11	18.50	19.5	99.57
		CH 7	2442	17.33	18.50	19.5	
		CH 13	2472	17.07	18.50	19.5	
	802.11g 6Mbps	CH 1	2412	16.82	18.00	19.5	96.94
		CH 7	2442	17.10	18.50	19.5	
		CH 13	2472	16.58	18.00	19.5	
	802.11n-HT20 MCS0	CH 1	2412	16.69	18.00	19.5	96.80
		CH 7	2442	17.03	18.50	19.5	
		CH 13	2472	16.48	17.50	19.5	
	802.11n-HT40 MCS0	CH 3	2422	16.87	18.00	19.5	93.80
		CH 7	2442	16.84	18.00	19.5	
		CH 11	2462	16.80	18.00	19.5	

5.2GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 1	802.11a 6Mbps	CH 36	5180	16.82	18.00	19	96.94
		CH 44	5220	16.52	18.00	19	
		CH 48	5240	16.72	18.00	19	
	802.11n-HT20 MCS0	CH 36	5180	16.18	17.50	19	96.73
		CH 44	5220	16.39	17.50	19	
		CH 48	5240	16.30	17.50	19	
	802.11n-HT40 MCS0	CH 38	5190	16.17	17.50	19	93.71
		CH 46	5230	16.26	17.50	19	
		CH 36	5180	15.15	16.50	18	
	802.11ac-VHT20 MCS0	CH 44	5220	15.48	16.50	18	96.76
		CH 48	5240	15.38	16.50	18	
		CH 38	5190	14.95	16.00	18	
	802.11ac-VHT40 MCS0	CH 46	5230	15.17	16.50	18	93.69
		CH 42	5210	15.01	16.50	18	

5.3GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN ANT 1	802.11a 6Mbps	CH 52	5260	16.95	18.00	19	96.94
		CH 60	5300	17.36	18.50	19	
		CH 64	5320	17.77	19.00	19	
	802.11n-HT20 MCS0	CH 52	5260	16.52	18.00	19	96.73
		CH 60	5300	17.34	18.50	19	
		CH 64	5320	17.57	19.00	19	
	802.11n-HT40 MCS0	CH 54	5270	16.63	18.00	19	93.71
		CH 62	5310	17.15	18.50	19	
		CH 52	5260	15.78	17.00	18	
	802.11ac-VHT20 MCS0	CH 60	5300	16.39	17.50	18	96.76
		CH 64	5320	16.66	18.00	18	
		CH 54	5270	15.86	17.00	18	
	802.11ac-VHT40 MCS0	CH 62	5310	16.39	17.50	18	93.69
		CH 58	5290	16.18	17.50	18	

5.5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN ANT 1	802.11a 6Mbps	CH 100	5500	17.22	18.50	19	96.94
		CH 120	5600	16.37	17.50	19	
		CH 144	5720	16.44	17.50	19	
	802.11n-HT20 MCS0	CH 100	5500	17.04	18.50	19	96.73
		CH 120	5600	16.18	17.50	19	
		CH 144	5720	16.34	17.50	19	
	802.11n-HT40 MCS0	CH 102	5510	16.79	18.00	19	93.71
		CH 126	5630	15.54	17.00	19	
		CH 142	5710	16.30	17.50	19	
	802.11ac-VHT20 MCS0	CH 100	5500	16.08	17.50	18	96.76
		CH 120	5600	15.10	16.50	18	
		CH 144	5720	15.21	16.50	18	
	802.11ac-VHT40 MCS0	CH 102	5510	15.94	17.00	18	93.69
		CH 126	5630	14.63	16.00	18	
		CH 142	5710	15.54	17.00	18	
	802.11ac-VHT80 MCS0	CH 106	5630	15.86	17.00	18	88.18
		CH 122	5610	15.58	17.00	18	
		CH 138	5690	15.94	17.00	18	

5.8GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 1	802.11a 6Mbps	CH 149	5745	17.11	18.50	19	96.94
		CH 157	5785	17.83	19.00	19	
		CH 165	5825	17.73	19.00	19	
	802.11n-HT20 MCS0	CH 149	5745	16.92	18.00	19	96.73
		CH 157	5785	17.63	19.00	19	
		CH 165	5825	17.59	19.00	19	
	802.11n-HT40 MCS0	CH 151	5755	16.92	18.00	19	93.71
		CH 159	5795	17.48	18.50	19	
		CH 149	5745	16.01	17.50	18	
	802.11ac-VHT20 MCS0	CH 157	5785	16.51	18.00	19	96.76
		CH 165	5825	16.81	18.00	18	
		CH 151	5755	15.98	17.00	18	
	802.11ac-VHT40 MCS0	CH 159	5795	16.09	17.50	18	93.69
		CH 155	5775	16.60	17.50	18	

Mode	Channel	Frequency (MHz)	Average power (dBm)		
BR / EDR	CH 00	2402	8.97	5.79	5.71
		2441	10.86	8.08	8.12
	CH 76	2480	10.79	8.12	8.19
	Tune-up Limit		12	9.5	9.5
Duty Cycle %			76.91	76.99	77.04

Mode	Channel	Frequency (MHz)	Average power (dBm)		
LE	CH 00	2402	-3.98	-7.29	
		2440	-3.56	-7.01	
	CH 99	2480	-3.88	-7.09	
	Tune-up Limit		0.5	0.5	
Duty Cycle %			61.36	31.92	

Reduced Power

2.4GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 1	802.11b 1Mbps	CH 1	2412	13.11	14.50	15.5	99.57
		CH 7	2442	13.33	14.50	15.5	
		CH 13	2472	13.07	14.50	15.5	
	802.11g 6Mbps	CH 1	2412	12.82	14.00	15.5	96.94
		CH 7	2442	13.10	14.50	15.5	
		CH 13	2472	12.58	14.00	15.5	
	802.11n-HT20 MCS0	CH 1	2412	12.69	14.00	15.5	96.80
		CH 7	2442	13.03	14.50	15.5	
		CH 13	2472	12.48	13.50	15.5	
	802.11n-HT40 MCS0	CH 3	2422	12.87	14.00	15.5	93.80
		CH 7	2442	12.84	14.00	15.5	
		CH 11	2462	12.80	14.00	15.5	

5.2GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 1	802.11a 6Mbps	CH 36	5180	7.62	9.00	10	96.94
		CH 44	5220	7.52	9.00	10	
		CH 48	5240	7.72	9.00	10	
	802.11n-HT20 MCS0	CH 36	5180	7.18	8.50	10	96.73
		CH 44	5220	7.39	8.50	10	
		CH 48	5240	7.30	8.50	10	
	802.11n-HT40 MCS0	CH 38	5190	7.17	8.50	10	93.71
		CH 46	5230	7.28	8.50	10	
	802.11ac-VHT20 MCS0	CH 36	5180	6.15	7.50	9	96.76
		CH 44	5220	6.48	7.50	9	
		CH 48	5240	6.38	7.50	9	
	802.11ac-VHT40 MCS0	CH 38	5190	5.95	7.00	9	93.69
		CH 46	5230	6.17	7.50	9	
		CH 42	5210	6.01	7.50	9	

5.3GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN ANT 1	802.11a 6Mbps	CH 52	5260	6.95	8.00	9	96.94
		CH 60	5300	7.38	8.50	9	
		CH 64	5320	7.77	9.00	9	
	802.11n-HT20 MCS0	CH 52	5260	6.52	8.00	9	96.73
		CH 60	5300	7.34	8.50	9	
		CH 64	5320	7.57	9.00	9	
	802.11n-HT40 MCS0	CH 54	5270	6.63	8.00	9	93.71
		CH 62	5310	7.15	8.50	9	
	802.11ac-VHT20 MCS0	CH 52	5260	5.78	7.00	8	96.76
		CH 60	5300	6.39	7.50	8	
		CH 64	5320	6.66	8.00	8	
	802.11ac-VHT40 MCS0	CH 54	5270	5.86	7.00	8	93.69
		CH 62	5310	6.39	7.50	8	
	802.11ac-VHT80 MCS0	CH 58	5290	6.18	7.50	8	88.18

5.5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN ANT 1	802.11a 6Mbps	CH 100	5500	8.22	9.50	10	96.94
		CH 120	5600	7.37	8.50	10	
		CH 144	5720	7.44	8.50	10	
	802.11n-HT20 MCS0	CH 100	5500	8.04	9.50	10	96.73
		CH 120	5600	7.18	8.50	10	
		CH 144	5720	7.34	8.50	10	
	802.11n-HT40 MCS0	CH 102	5510	7.79	9.00	10	93.71
		CH 126	5630	6.54	8.00	10	
		CH 142	5710	7.30	8.50	10	
	802.11ac-VHT20 MCS0	CH 100	5500	7.08	8.50	9	96.76
		CH 120	5600	6.10	7.50	9	
		CH 144	5720	6.21	7.50	9	
	802.11ac-VHT40 MCS0	CH 102	5510	6.94	8.00	9	93.69
		CH 126	5630	5.63	7.00	9	
		CH 142	5710	6.54	8.00	9	
	802.11ac-VHT80 MCS0	CH 106	5530	6.86	8.00	9	88.18
		CH 122	5610	6.58	8.00	9	
		CH 138	5690	6.94	8.00	9	

5.8GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 1	802.11a 6Mbps	CH 149	5745	6.11	7.50	8	96.94
		CH 157	5785	6.83	8.00	8	
		CH 165	5825	6.73	8.00	8	
	802.11n-HT20 MCS0	CH 149	5745	5.92	7.00	8	96.73
		CH 157	5785	6.63	8.00	8	
		CH 165	5825	6.59	8.00	8	
	802.11n-HT40 MCS0	CH 151	5795	5.92	7.00	8	93.71
		CH 159	5795	6.48	7.50	8	
	802.11ac-VHT20 MCS0	CH 149	5745	5.01	6.50	7	96.76
		CH 157	5785	5.51	7.00	7	
		CH 165	5825	5.61	7.00	7	
	802.11ac-VHT40 MCS0	CH 151	5795	4.98	6.00	7	93.69
		CH 159	5795	5.09	6.50	7	
	802.11ac-VHT80 MCS0	CH 155	5775	5.60	6.50	7	88.18