



REPORT No.: SZ24040023S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacturer's document.



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2.4GHz WLAN ANT 1 (Chain A)

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 1	802.11a 1Mbps	CH 1	2412	13.68	14.50	38.00
		CH 7	2442	13.18	14.00	38.00
		CH 13	2472	12.97	13.50	38.00
	802.11g 6Mbps	CH 1	2412	14.30	15.00	48.00
		CH 7	2442	13.88	15.00	48.00
		CH 13	2472	13.13	14.00	48.00
	802.11n-HT20 MCS0	CH 1	2412	12.71	13.50	48.00
		CH 7	2442	12.61	13.50	48.00
		CH 13	2472	12.34	13.00	48.00
	802.11n-HT40 MCS0	CH 3	2422	12.42	13.50	48.00
		CH 7	2442	12.18	13.50	48.00
		CH 11	2462	11.98	13.50	48.00

2.4GHz WLAN ANT 2 (Chain B)

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 2	802.11a 1Mbps	CH 1	2412	16.38	17.00	42.00
		CH 7	2442	16.88	18.50	42.00
		CH 13	2472	16.44	17.00	42.00
	802.11g 6Mbps	CH 1	2412	14.41	15.50	48.00
		CH 7	2442	14.82	15.50	48.00
		CH 13	2472	13.37	14.00	43.00
	802.11n-HT20 MCS0	CH 1	2412	13.01	14.00	43.00
		CH 7	2442	12.38	14.00	43.00
		CH 13	2472	12.85	13.50	43.00
	802.11n-HT40 MCS0	CH 3	2422	13.01	14.00	43.00
		CH 7	2442	12.78	13.50	43.00
		CH 11	2462	13.00	14.00	43.00

2.4GHz WLAN ANT 1+2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 1+2	802.11a 1Mbps	CH 1	2412	N/A	N/A	N/A
		CH 7	2442	N/A	N/A	N/A
		CH 13	2472	N/A	N/A	N/A
	802.11g 6Mbps	CH 1	2412	N/A	N/A	N/A
		CH 7	2442	N/A	N/A	N/A
		CH 13	2472	N/A	N/A	N/A
	802.11n-HT20 MCS0	CH 1	2412	13.81	15.00	48.43
		CH 7	2442	12.62	13.50	48.43
		CH 13	2472	12.39	13.00	44.41
	802.11n-HT40 MCS0	CH 3	2422	12.88	13.50	45.43
		CH 7	2442	12.65	13.50	45.43
		CH 11	2462	12.40	13.00	43.41

5GHz WLAN ANT 1 (Chain A)

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 1	802.11a 6Mbps	CH 36	5180	13.03	14.00	41.00
		CH 44	5220	13.51	14.50	41.00
		CH 48	5240	12.81	13.50	41.00
	802.11n-HT20 MCS0	CH 36	5180	13.37	14.00	40.00
		CH 44	5220	13.17	14.00	40.00
		CH 48	5240	12.94	14.00	40.00
	802.11n-HT40 MCS0	CH 36	5180	13.81	14.50	40.00
		CH 48	5230	13.45	14.50	40.00
		CH 36	5180	13.88	14.50	38.00
	802.11ac-VHT20 MCS0	CH 44	5220	13.07	14.50	38.00
		CH 48	5240	13.24	14.00	38.00
		CH 36	5180	12.54	13.50	38.00

5.2GHz WLAN ANT 2 (Chain B)

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 2	802.11a 6Mbps	CH 36	5180	13.55	14.50	43.00
		CH 44	5220	13.37	14.00	43.00
		CH 48	5240	13.18	14.00	43.00
	802.11n-HT20 MCS0	CH 36	5180	13.35	14.00	43.00
		CH 44	5220	13.24	14.00	43.00
		CH 48	5240	13.05	14.00	43.00
	802.11n-HT40 MCS0	CH 36	5180	13.33	14.00	42.00
		CH 48	5230	13.22	14.00	42.00
		CH 36	5180	13.22	14.50	43.00
	802.11ac-VHT20 MCS0	CH 44	5220	13.43	14.50	43.00
		CH 48	5240	13.21	14.00	43.00
		CH 36	5180	12.88	13.50	41.00

5.2GHz WLAN ANT 1+2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 1+2	802.11a 6Mbps	CH 36	5180	N/A	N/A	N/A
		CH 44	5220	N/A	N/A	N/A
		CH 48	5240	N/A	N/A	N/A
	802.11n-HT20 MCS0	CH 36	5180	13.19	14.00	38.41
		CH 44	5220	14.95	16.00	38.41
		CH 48	5240	14.67	15.50	38.41
	802.11n-HT40 MCS0	CH 36	5180	16.37	16.00	38.41
		CH 48	5230	15.07	16.00	38.41
		CH 36	5180	14.80	16.00	38.41
	802.11ac-VHT20 MCS0	CH 44	5220	14.63	15.50	38.41
		CH 48	5240	14.62	15.50	38.41
		CH 36	5180	14.62	15.50	38.41

5GHz WLAN ANT 1 (Chain A)

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 1	802.11a 6Mbps	CH 149	5745	13.03	14.00	41.00
		CH 157	5785	13.00	14.00	41.00
		CH 165	5825	13.39	14.00	41.00
	802.11n-HT20 MCS0	CH 149	5745	13.76	14.50	41.00
		CH 157	5785	12.95	14.00	41.00
		CH 165	5825	13.33	14.00	41.00
	802.11n-HT40 MCS0	CH 151	5795	13.25	14.00	41.00
		CH 159	5795	13.09	14.00	41.00
		CH 149	5745	12.98	14.00	40.00
	802.11ac-VHT20 MCS0	CH 157	5785	13.00	14.00	40.00
		CH 165	5825	13.29	14.00	40.00
		CH 151	5795	12.98	13.50	40.00

5.8GHz WLAN ANT 2 (Chain B)

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 2	802.11a 6Mbps	CH 149	5745	13.28	14.00	41.00
		CH 157	5785	13.35	14.00	41.00
		CH 165	5825	13.87	14.00	41.00
	802.11n-HT20 MCS0	CH 149	5745	13.75	14.50	41.00
		CH 157	5785	13.88	14.50	41.00
		CH 165	5825	13.92	15.00	41.00
	802.11n-HT40 MCS0	CH 151	5795	13.32	14.00	40.00
		CH 159	5795	13.52	14.00	40.00
		CH 149	5745	13.41	14.00	41.00
	802.11ac-VHT20 MCS0	CH 157	5785	13.41	14.50	41.00
		CH 165	5825	13.94	15.00	41.00
		CH 151	5795	12.44	13.50	38.00

5.8GHz WLAN ANT 1+2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 1+2	802.11a 6Mbps	CH 149	5745	N/A	N/A	N/A
		CH 157	5785	N/A	N/A	N/A
		CH 165	5825	N/A	N/A	N/A
	802.11n-HT20 MCS0	CH 149	5745	14.52	15.50	40.40
		CH 157	5785	14.47	15.50	40.40
		CH 165	5825	14.67	15.50	40.40
	802.11n-HT40 MCS0	CH 151	5795	16.48	16.50	40.50
		CH 159	5795	16.00	16.00	40.50
		CH 149	5745	15.37	16.00	40.40
	802.11ac-VHT20 MCS0	CH 157	5785	14.50	16.00	40.40
		CH 165	5825	15.04	16.00	40.40
		CH 151	5795	14.62	16.00	38.59