



REPORT No.: SZ25110146S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

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

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	16.40	17.00	40.00
		CH 7	2442	16.90	17.50	40.00
		CH 13	2472	17.10	18.00	40.00
	802.11g 6Mbps	CH 1	2412	14.91	15.50	50.00
		CH 7	2442	15.34	16.00	50.00
		CH 13	2472	15.27	16.00	50.00
	802.11n-HT20 MCS0	CH 1	2412	15.71	16.50	50.00
		CH 7	2442	16.11	17.00	50.00
		CH 13	2472	16.28	17.00	50.00
	802.11n-HT40 MCS0	CH 3	2422	15.90	16.50	50.00
		CH 6	2437	15.59	16.50	50.00
		CH 9	2452	16.21	17.00	50.00

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	13.54	14.50	63.00
		CH 40	5200	13.81	14.50	63.00
		CH 48	5240	14.07	15.00	63.00
	802.11n-HT20 MCS0	CH 36	5180	13.49	14.00	63.00
		CH 40	5200	13.73	14.50	63.00
		CH 48	5240	13.99	14.50	63.00
	802.11n-HT40 MCS0	CH 38	5190	13.79	14.50	63.00
		CH 46	5230	13.90	14.50	63.00
		CH 36	5180	13.46	14.00	63.00
	802.11ac-VHT20 MCS0	CH 44	5220	13.67	14.50	63.00
		CH 48	5240	13.85	14.50	63.00
		CH 38	5190	13.44	14.00	63.00
802.11ac-VHT40 MCS0	CH 46	5230	13.88	14.50	63.00	96.04
		CH 42	5210	13.63	14.50	63.00

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	14.30	15.00	63.00
		CH 60	5300	14.58	15.50	63.00
		CH 64	5320	14.83	15.50	63.00
	802.11n-HT20 MCS0	CH 52	5260	13.87	14.50	63.00
		CH 60	5300	14.38	15.00	63.00
		CH 64	5320	14.68	15.50	63.00
	802.11n-HT40 MCS0	CH 54	5270	14.12	15.00	63.00
		CH 62	5310	14.54	15.50	63.00
		CH 52	5260	14.03	15.00	63.00
	802.11ac-VHT20 MCS0	CH 60	5300	15.21	16.00	63.00
		CH 64	5320	15.12	16.00	63.00
		CH 54	5270	14.05	15.00	63.00
802.11ac-VHT40 MCS0	CH 62	5310	14.55	15.50	63.00	95.92
		CH 58	5290	14.29	15.00	63.00

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	17.52	18.50	63.00
		CH 118	5580	18.43	19.00	63.00
		CH 144	5720	17.37	18.00	63.00
	802.11n-HT20 MCS0	CH 100	5500	17.36	18.00	63.00
		CH 118	5580	18.29	19.00	63.00
		CH 144	5720	17.26	18.00	63.00
	802.11n-HT40 MCS0	CH 102	5510	17.51	18.50	63.00
		CH 110	5550	18.10	19.00	63.00
		CH 142	5710	17.51	18.50	63.00
	802.11ac-VHT20 MCS0	CH 100	5500	17.52	18.50	63.00
		CH 118	5580	18.39	19.00	63.00
		CH 144	5720	17.29	18.00	63.00
802.11ac-VHT40 MCS0	CH 102	5510	17.57	18.50	63.00	95.92
		CH 110	5550	18.08	19.00	63.00
		CH 142	5710	17.40	18.00	63.00
	CH 106	5530	17.64	18.50	63.00	92.00
		CH 122	5610	17.97	18.50	63.00
		CH 138	5690	17.66	18.50	63.00

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	17.00	18.00	63.00
		CH 157	5785	17.08	18.00	63.00
		CH 165	5825	16.64	17.50	63.00
	802.11n-HT20 MCS0	CH 149	5745	16.96	17.50	63.00
		CH 157	5785	16.95	17.50	63.00
		CH 165	5825	16.60	17.50	63.00
	802.11n-HT40 MCS0	CH 151	5755	16.88	17.50	63.00
		CH 159	5795	16.93	17.50	63.00
		CH 149	5745	16.90	17.50	63.00
	802.11ac-VHT20 MCS0	CH 157	5785	17.01	18.00	63.00
		CH 165	5825	16.61	17.50	63.00
		CH 151	5755	16.87	17.50	63.00
802.11ac-VHT40 MCS0	CH 159	5795	16.92	17.50	63.00	90.38
		CH 155	5775	17.04	18.00	63.00

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	-3.76	-0.35
	CH 19	2440	1.87	-0.93
	CH 39	2480	2.06	-0.85
Tune-up Limit			3	1
Duty Cycle %			65	34.44