



REPORT No.: SZ25030223S01

Annex E Conducted Power

Note:

Conducted power unit: dBm.

The target power was recorded in the manufacture document.

2.4GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting
2.4GHz WLAN ANT 1	802.11a 8Mbps	CH 1	2412	16.15	17.00	18.50
		CH 6	2437	15.83	17.00	18.50
		CH 11	2462	16.03	17.00	18.50
	802.11g 8Mbps	CH 1	2412	14.91	16.00	18.50
		CH 6	2437	14.65	16.00	18.50
		CH 11	2462	14.55	16.00	18.50
	802.11n-HT20 MCS9	CH 1	2412	12.78	14.00	13.00
		CH 6	2437	12.45	14.00	13.00
		CH 11	2462	12.52	14.00	13.00
	802.11n-HT40 MCS9	CH 3	2422	13.13	14.00	14.00
		CH 6	2437	13.10	14.00	14.00
		CH 9	2462	13.01	14.00	14.00
	802.11n-HEW20 MCS9	CH 1	2412	12.82	14.00	13.00
		CH 6	2437	12.87	14.00	13.00
		CH 11	2462	12.96	14.00	13.00
	802.11n-HEW40 MCS9	CH 3	2422	13.00	14.00	14.00
		CH 6	2437	12.94	14.00	14.00
		CH 9	2462	12.90	14.00	14.00

5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting
5GHz WLAN ANT 1	802.11a 8Mbps	CH 36	5180	14.00	14.00	16.00
		CH 44	5200	13.84	14.00	16.00
		CH 48	5240	13.70	14.00	16.00
	802.11n-HT20 MCS9	CH 36	5180	13.88	14.00	16.00
		CH 44	5200	13.78	14.00	16.00
		CH 48	5240	13.82	14.00	16.00
	802.11n-HT40 MCS9	CH 36	5180	12.88	13.00	14.00
		CH 44	5200	13.10	13.00	14.00
		CH 48	5230	13.10	13.00	14.00
	802.11n-VHT20 MCS9	CH 36	5180	13.91	14.00	16.00
		CH 44	5200	13.86	14.00	16.00
		CH 48	5240	13.73	14.00	16.00
	802.11n-VHT40 MCS9	CH 36	5180	12.85	13.00	14.00
		CH 46	5230	12.89	13.00	14.00
		CH 42	5210	12.78	13.00	14.00
	802.11ac-VHT80 MCS9	CH 50	5250	13.05	13.00	14.00
		CH 56	5160	14.02	16.00	16.00
	802.11ac-HEW20 MCS9	CH 44	5220	13.55	15.00	16.00
		CH 46	5240	13.50	15.00	16.00
		CH 38	5190	12.36	13.00	14.00
	802.11ac-HEW40 MCS9	CH 46	5230	13.08	13.00	14.00
		CH 42	5210	12.77	13.00	14.00
		CH 50	5250	12.90	13.00	14.00

5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting
5GHz WLAN ANT 1	802.11a 8Mbps	CH 32	5260	15.15	15.00	17.00
		CH 60	5300	14.88	15.00	17.00
		CH 64	5320	15.06	15.00	17.00
	802.11n-HT20 MCS9	CH 32	5260	14.81	15.00	17.00
		CH 60	5300	14.74	15.00	17.00
		CH 64	5320	15.00	15.00	17.00
	802.11n-HT40 MCS9	CH 34	5270	14.19	13.00	14.00
		CH 62	5310	13.36	13.00	14.00
		CH 52	5280	14.87	15.00	17.00
	802.11n-VHT20 MCS9	CH 60	5300	14.83	15.00	17.00
		CH 64	5320	15.20	15.00	17.00
		CH 54	5270	12.80	13.00	14.00
	802.11n-VHT40 MCS9	CH 62	5310	13.21	13.00	14.00
		CH 58	5290	13.38	13.00	14.00
		CH 52	5280	14.31	13.00	14.00
	802.11ac-VHT80 MCS9	CH 52	5280	14.31	15.00	17.00
		CH 60	5300	15.11	15.00	17.00
		CH 54	5270	15.23	15.00	17.00
	802.11ac-HEW20 MCS9	CH 54	5270	12.86	13.00	14.00
		CH 62	5310	13.04	13.00	14.00
		CH 58	5290	12.88	13.00	14.00

5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting
5GHz WLAN ANT 1	802.11a 8Mbps	CH 100	5500	14.08	14.00	16.00
		CH 120	5600	13.60	14.00	16.00
		CH 140	5700	13.81	14.00	16.00
	802.11n-HT20 MCS9	CH 100	5500	13.74	14.00	16.00
		CH 120	5600	13.86	14.00	16.00
		CH 140	5700	13.85	14.00	16.00
	802.11n-HT40 MCS9	CH 102	5510	13.32	13.00	15.00
		CH 118	5590	13.12	13.00	15.00
		CH 134	5670	13.22	13.00	15.00
	802.11n-VHT20 MCS9	CH 100	5500	13.77	14.00	16.00
		CH 120	5600	13.66	14.00	16.00
		CH 140	5700	13.97	14.00	16.00
	802.11n-VHT40 MCS9	CH 102	5510	13.25	13.00	15.00
		CH 118	5590	13.28	13.00	15.00
		CH 134	5670	13.32	13.00	15.00
	802.11ac-VHT80 MCS9	CH 106	5530	13.34	13.00	15.00
		CH 122	5610	13.06	13.00	15.00
		CH 114	5570	14.10	13.00	15.00
	802.11ac-HEW20 MCS9	CH 100	5500	10.82	14.00	16.00
		CH 120	5600	10.77	14.00	16.00
		CH 140	5700	10.83	14.00	16.00
	802.11ac-HEW40 MCS9	CH 102	5510	13.26	13.00	15.00
		CH 118	5590	13.01	13.00	15.00
		CH 134	5670	13.03	13.00	15.00
	802.11ac-HEW80 MCS9	CH 106	5530	13.07	13.00	13.00
		CH 138	5690	13.15	13.00	13.00
		CH 114	5570	11.27	11.00	13.00

5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting
5GHz WLAN ANT 1	802.11a 8Mbps	CH 149	5745	13.33	13.00	15.00
		CH 157	5785	13.50	14.00	15.00
		CH 165	5825	13.50	14.00	15.00
	802.11n-HT20 MCS9	CH 149	5745	13.18	13.00	15.00
		CH 157	5785	13.47	13.00	15.00
		CH 165	5825	13.40	13.00	15.00
	802.11n-HT40 MCS9	CH 151	5795	13.50	14.00	15.00
		CH 159	5785	13.82	14.00	15.00
		CH 149	5745	13.18	13.00	15.00
	802.11n-VHT20 MCS9	CH 157	5785	13.47	13.00	15.00
		CH 165	5825	13.47	13.00	15.00
		CH 151	5795	13.58	14.00	15.00
	802.11n-VHT40 MCS9	CH 159	5785	13.90	14.00	15.00
		CH 155	5775	13.82	14.00	15.00
		CH 149	5745	13.23	13.00	15.00
	802.11ac-VHT80 MCS9	CH 157	5785	13.37	13.00	15.00
		CH 165	5825	13.55	14.00	15.00
		CH 151	5795	13.21	13.00	15.00
	802.11ac-HEW40 MCS9	CH 159	5785	13.70	14.00	15.00
		CH 155	5775	13.64	14.00	13.00

6.2GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting
6.2GHz WLAN ANT 1	802.11ac-HE20 MCS9	CH 1	5955	4.18	5.00	12.00
		CH 45	6175	4.16	5.00	12.00

2.4GHz WLAN ANT 2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting
2.4GHz WLAN ANT 2	802.11a 8Mbps	CH 1	2412	17.17	18.00	18.50
		CH 6	2437	17.38	18.00	18.50
		CH 11	2462	17.31	18.00	18.50
	802.11g 8Mbps	CH 1	2412	15.58	17.00	18.50
		CH 6	2437	15.89	17.00	18.50
		CH 11	2462	15.84	17.00	18.50
	802.11n-HT20 MCS9	CH 1	2412	12.62	14.00	13.00
		CH 6	2437	12.82	14.00	13.00
		CH 11	2462	12.80	14.00	13.00
	802.11n-HT40 MCS9	CH 3	2422	13.25	14.00	14.00
		CH 6	2437	13.24	14.00	14.00
		CH 9	2462	13.28	14.00	14.00
	802.11n-HEW20 MCS9	CH 1	2412	12.66	14.00	13.00
		CH 6	2437	12.95	14.00	13.00
		CH 11	2462	13.07	14.00	13.00
	802.11n-HEW40 MCS9	CH 3	2422	13.03	14.00	14.00
		CH 6	2437	13.07	14.00	14.00
		CH 9	2462	13.07	14.00	14.00

5GHz WLAN ANT 2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting
5GHz WLAN ANT 2	802.11a 8Mbps	CH 36	5180	9.41	9.00	11.00
		CH 44	5200	9.36	9.00	11.00
		CH 48	5240	9.35	9.00	11.00
	802.11n-HT20 MCS9	CH 36	5180	9.29	9.00	11.00
		CH 44	5200	9.37	9.00	11.00
		CH 48	5240	9.15	9.00	11.00
	802.11n-HT40 MCS9	CH 38	5190	9.94	10.50	11.00
		CH 46	5230	9.88	10.00	11.00
		CH 44	5200	9.27	9.00	11.00
	802.11ac-VHT20 MCS9	CH 44	5200	9.34	9.00	11.00
		CH 48	5240	9.30	9.00	11.00
		CH 38	5190	9.93	10.00	11.00
	802.11ac-VHT40 MCS9	CH 46	5230	9.88	10.00	11.00
		CH 42	5210	9.94	10.50	11.00
		CH 50	5250	9.79	10.00	11.00
	802.11ac-VHT80 MCS9	CH 50	5250	9.79	10.00	11.00
		CH 56	5160	9.70	10.00	11.00
	802.11ac-HEW20 MCS9	CH 44	5220	9.40	9.00	11.00
		CH 46	5240	9.47	9.00	11.00
		CH 38	5190	9.42	9.00	11.00
	802.11ac-HEW40 MCS9	CH 46	5230	9.58	10.00	11.00
		CH 42	5210	9.54	10.00	11.00
802.11ac-HEW80 MCS9	CH 50	5250	9.68	10.00	11.00	

6.2GHz WLAN ANT 1	802.11a+HE40 MCS0	CH 93	6415	4.21	8.00	12.00
		CH 3	5965	7.05	8.00	7.00
		CH 43	6165	6.91	8.00	7.00
	802.11a+HE40 MCS0	CH 91	6405	6.89	8.00	7.00
		CH 7	5965	9.72	11.00	10.00
		CH 39	6145	9.81	11.00	10.00
	802.11a+HEW80 MCS0	CH 87	6385	8.83	10.00	10.00
		CH 15	6025	10.27	11.00	10.00
		CH 47	6185	9.93	11.00	10.00
	802.11a+HE160 MCS0	CH79	6345	10.15	11.00	10.00

6.5GHz WLAN ANT 1

6.5GHz WLAN ANT 1	802.11a+HE20 MCS0	CH 97	6435	4.10	5.00	10.00
		CH 105	6475	3.94	5.00	10.00
		CH 113	6515	3.94	5.00	10.00
	802.11a+HEW40 MCS0	CH 99	6445	7.47	8.00	10.00
		CH 107	6485	7.45	8.00	10.00
		CH 115	6525	7.54	8.00	10.00
	802.11a+HEW80 MCS0	CH 103	6465	9.47	10.00	10.00
		CH 111	6505	9.79	10.00	10.00
	802.11a+HEW160 MCS0					

6.7GHz WLAN ANT 1

6.7GHz WLAN ANT 1	802.11a+HE20 MCS0	CH 117	6535	3.29	5.00	10.00
		CH 149	6695	3.10	5.00	10.00
		CH 181	6855	3.56	5.00	10.00
	802.11a+HE40 MCS0	CH 123	6565	6.82	8.00	10.00
		CH 147	6685	6.63	8.00	10.00
		CH 179	6845	7.02	8.00	10.00
	802.11a+HE80 MCS0	CH 119	6545	9.55	10.00	10.00
		CH 135	6625	8.79	10.00	10.00
		CH 167	6785	9.13	10.00	10.00
	802.11a+HE160 MCS0	CH 143	6665	9.72	10.00	7.00
		CH 175	6825	7.22	8.00	7.00

7.0GHz WLAN ANT 1

7.0GHz WLAN ANT 1	802.11a+HE20 MCS0	CH 145	6875	3.33	5.00	10.00
		CH 209	6995	3.95	5.00	10.00
		CH 233	7115	4.6	5.00	10.00
	802.11a+HE40 MCS0	CH 187	6885	6.85	8.00	10.00
		CH 203	6965	6.42	8.00	10.00
		CH 227	7085	6.26	8.00	10.00
	802.11a+HE80 MCS0	CH 183	6865	9.39	10.00	10.00
		CH 199	6945	8.75	10.00	10.00
		CH 215	7025	8.79	10.00	10.00
	802.11a+HE160 MCS0	CH 207	6985	9.37	10.00	10.00

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	dBm	dBm
BR / EDR	CH 00	2402	6.20	7.00	4.06	4.50
	CH 30	2441	6.50	8.00	4.75	5.50
	CH 70	2480	7.30	9.00	4.90	5.50

Mode	Channel	Frequency (MHz)	Average power (dBm)	Average power (dBm)
I.E	CH 00	2402	BLE 1M	BLE 3M
	CH 30	2441	2.90	3.04
	CH 70	2480	3.02	3.48
	CH 30	2480	3.68	3.87
Turn-up Limit			4	4

6.2GHz WLAN ANT 2	802.11a+HE40 MCS0	CH 93	6415	4.57	8.00	12.00
		CH 3	5965	7.32	8.00	7.00
		CH 43	6165	7.59	8.00	7.00
	802.11a+HE40 MCS0	CH 91	6405	7.31	8.00	7.00
		CH 7	5965	9.81	11.00	10.00
		CH 39	6145	9.98	11.00	10.00
	802.11a+HEW80 MCS0	CH 87	6385	8.90	10.00	10.00
		CH 15	6025	10.12	11.00	10.00
		CH 47	6185	10.26	11.00	10.00
	802.11a+HE160 MCS0	CH79	6345	10.41	11.50	10.00

6.5GHz WLAN ANT 2

6.5GHz WLAN ANT 2	802.11a+HE20 MCS0	CH 97	6435	4.52	5.00	10.00
		CH 105	6475	4.82	5.00	10.00
		CH 113	6515	4.72	5.00	10.00
	802.11a+HEW40 MCS0	CH 99	6445	8.08	9.00	10.00
		CH 107	6485	8.12	9.00	10.00
		CH 115	6525	8.23	9.00	10.00
	802.11a+HEW80 MCS0	CH 103	6465	10.15	11.00	10.00
		CH 111	6505	10.08	11.50	10.00
	802.11a+HEW160 MCS0					

6.7 WLAN ANT 2

6.7 WLAN ANT 2	802.11a+HE20 MCS0	CH 117	6535	3.94	5.00	10.00
		CH 149	6695	3.93	5.00	10.00
		CH 181	6855	4.14	5.00	10.00
	802.11a+HE40 MCS0	CH 123	6565	7.39	8.00	10.00
		CH 147	6685	7.35	8.00	10.00
		CH 179	6845	7.56	8.00	10.00
	802.11a+HE80 MCS0	CH 119	6545	10.26	11.00	10.00
		CH 135	6625	9.71	11.00	10.00
		CH 167	6785	9.86	10.00	10.00
	802.11a+HE160 MCS0	CH 143	6665	10.52	11.50	7.00
		CH 175	6825	7.97	9.00	7.00

7.0 WLAN ANT 2

7.0GHz WLAN ANT 2	802.11a+HE20 MCS0	CH 145	6875	3.99	5.00	10.00
		CH 209	6995	3.74	5.00	10.00
		CH 233	7115	0.94	2.00	10.00
	802.11a+HE40 MCS0	CH 187	6885	7.37	8.00	10.00
		CH 203	6965	7.41	8.00	10.00
		CH 227	7085	7.57	8.00	10.00
	802.11a+HE80 MCS0	CH 183	6865	9.40	11.00	10.00
		CH 199	6945	9.69	11.00	10.00
		CH 215	7025	9.68	11.00	10.00
	802.11a+HE160 MCS0	CH 207	6985	10.56	11.50	10.00

6.2GHz WLAN ANT 1+2	802.11a+HE40 MCS0	CH 93	6415	12.05	13.00	12.00
		CH 3	5965	14.94	16.00	7.00
		CH 43	6165	14.91	16.00	7.00
	802.11a+HE40 MCS0	CH 91	6405	14.81	16.00	7.00
		CH 7	5965	17.42	18.00	10.00
		CH 39	6145	17.45	18.00	10.00
	802.11a+HEW80 MCS0	CH 87	6385	16.52	18.00	10.00
		CH 15	6025	17.86	19.00	10.00
		CH 47	6185	17.75	19.00	10.00
	802.11a+HE160 MCS0	CH79	6345	17.04	19.00	10.00

6.5GHz WLAN ANT 1+2

6.5GHz WLAN ANT 1+2	802.11a+HE20 MCS0	CH 97	6435	11.67	13.00	10.00
		CH 105	6475	11.64	13.00	10.00
		CH 113	6515	11.69	13.00	10.00
	802.11a+HEW40 MCS0	CH 99	6445	15.14	16.00	10.00
		CH 107	6485	15.15	16.00	10.00
		CH 115	6525	15.25	16.00	10.00
	802.11a+HEW80 MCS0	CH 103	6465	17.17	18.00	10.00
		CH 111	6505	17.40	18.00	10.00
	802.11a+HEW160 MCS0					

6.7 WLAN ANT 1+2

6.7GHz WLAN ANT 1 + ANT 2	802.11a+HE20 MCS0	CH 117	6535	11.49	13.50	10.00
		CH 149	6695	11.40	13.50	10.00
		CH 181	6855	11.73	13.50	10.00
	802.11a+HE40 MCS0	CH 123	6565	14.98	16.00	10.00
		CH 147	6685	14.87	16.00	10.00
		CH 179	6845	15.17	16.00	10.00
	802.11a+HE80 MCS0	CH 119	6545	17.79	19.00	10.00
		CH 135	6625	17.14	19.00	10.00
		CH 167	6785	17.39	19.00	10.00
	802.11a+HE160 MCS0	CH 143	6665	18.91	19.00	7.00
		CH 175	6825	15.48	16.00	7.00

7.0 WLAN ANT 1+2

7.0GHz WLAN ANT 1+2	802.11a+HEW20 MCS0 (RED242)	CH 145	6875	16.77	12.00	10.00
		CH 209	6995	16.51	12.00	10.00
		CH 233	7115	4.69	8.00	10.00
	802.11a+HEW40 MCS0	CH 187	6885	14.21	15.00	10.00
		CH 203	6965	13.93	15.00	10.00
		CH 227	7085	14.08	15.00	10.00
	802.11a+HEW80 MCS0	CH 183	6865	16.52	17.50	10.00
		CH 199	6945	16.35	17.50	10.00
		CH 215	7025	16.36	17.50	10.00
	802.11a+HEW160 MCS0	CH 207	6985	17.12	18.00	10.00