



REPORT No.: SZ25090265S01

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)	Turn-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 1	802.11b 1Mbps	CH 1	2412	15.54	16.50	98.50
		CH 7	2442	15.61	16.50	98.29
		CH 13	2472	15.69	16.50	98.29
	802.11g 6Mbps	CH 1	2412	16.49	16.50	99.24
		CH 7	2442	15.51	16.50	99.24
		CH 13	2472	15.43	16.50	99.15
	802.11n-HT20 MCS0	CH 1	2412	15.60	16.50	99.87
		CH 7	2442	15.75	16.50	99.87
		CH 13	2472	15.63	16.50	99.87
	802.11n-HT40 MCS0	CH 3	2422	15.78	16.50	99.79
		CH 7	2442	15.81	16.50	99.87
		CH 11	2462	16.05	17.00	99.70

5.2GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 1	802.11a 6Mbps	CH 36	5180	15.63	16.50	100.00
		CH 44	5220	16.14	17.00	100.00
		CH 48	5240	15.89	16.50	100.00
	802.11n-HT20 MCS0	CH 36	5180	16.88	16.50	100.00
		CH 44	5220	16.09	17.00	100.00
		CH 48	5240	15.49	16.50	100.00
	802.11n-HT40 MCS0	CH 36	5180	16.40	17.00	100.00
		CH 44	5220	16.51	17.50	100.00
		CH 48	5240	15.90	16.50	100.00
	802.11n-HT40 MCS0	CH 36	5180	16.40	17.00	100.00
		CH 44	5220	16.51	17.50	100.00
		CH 48	5240	15.90	16.50	100.00

5.8GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 1	802.11a 6Mbps	CH 149	5745	15.52	16.50	100.00
		CH 157	5785	15.23	16.50	100.00
		CH 165	5825	15.25	16.50	100.00
	802.11n-HT20 MCS0	CH 149	5745	15.56	16.50	100.00
		CH 157	5785	15.33	16.50	100.00
		CH 165	5825	15.44	16.50	100.00
	802.11n-HT40 MCS0	CH 151	5755	16.29	17.00	100.00
		CH 159	5795	15.91	16.50	100.00
		CH 167	5835	15.40	16.50	100.00
	802.11n-HT40 MCS0	CH 149	5745	15.56	16.50	100.00
		CH 157	5785	15.33	16.50	100.00
		CH 165	5825	15.44	16.50	100.00

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
BR / EDR	CH 50	2462	8.31	9.00	77.03	4.61
	CH 56	2481	8.11	10.00	77.09	5.36
	CH 76	2460	7.77	8.50	77.03	4.90
	Power Setting		9		9	

2.4GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 2	802.11b 1Mbps	CH 1	2412	15.41	16.50	98.57
		CH 7	2442	15.53	16.50	98.56
		CH 13	2472	15.71	16.50	98.57
	802.11g 6Mbps	CH 1	2412	15.58	16.50	99.16
		CH 7	2442	15.48	16.50	99.15
		CH 13	2472	15.60	16.50	99.15
	802.11n-HT20 MCS0	CH 1	2412	15.71	16.50	99.70
		CH 7	2442	15.59	16.50	99.67
		CH 13	2472	15.68	16.50	99.67
	802.11n-HT40 MCS0	CH 3	2422	16.06	17.00	99.79
		CH 7	2442	15.83	16.50	99.70
		CH 11	2462	16.47	17.00	99.70

5.2GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 2	802.11a 6Mbps	CH 36	5180	14.46	15.50	100.00
		CH 44	5220	14.98	16.50	100.00
		CH 48	5240	15.38	16.50	100.00
	802.11n-HT20 MCS0	CH 36	5180	14.42	16.50	100.00
		CH 44	5220	14.95	16.50	100.00
		CH 48	5240	15.27	16.50	100.00
	802.11n-HT40 MCS0	CH 36	5180	15.28	16.50	100.00
		CH 44	5220	15.83	16.50	100.00
		CH 48	5240	15.27	16.50	100.00
	802.11n-HT40 MCS0	CH 36	5180	15.28	16.50	100.00
		CH 44	5220	15.83	16.50	100.00
		CH 48	5240	15.27	16.50	100.00

5.8GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 2	802.11a 6Mbps	CH 149	5745	15.24	16.50	100.00
		CH 157	5785	15.50	16.50	100.00
		CH 165	5825	15.39	16.50	100.00
	802.11n-HT20 MCS0	CH 149	5745	15.18	16.50	100.00
		CH 157	5785	15.41	16.50	100.00
		CH 165	5825	15.38	16.50	100.00
	802.11n-HT40 MCS0	CH 151	5755	15.73	16.50	100.00
		CH 159	5795	15.46	16.50	100.00
		CH 167	5835	15.40	16.50	100.00
	802.11n-HT40 MCS0	CH 149	5745	15.18	16.50	100.00
		CH 157	5785	15.41	16.50	100.00
		CH 165	5825	15.38	16.50	100.00

2.4GHz WLAN ANT 1+2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 1+2	802.11b 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	15.75	16.50	99.70
		CH 7	2442	15.78	16.50	99.70
		CH 13	2472	15.56	16.50	99.87
	802.11n-HT40 MCS0	CH 3	2422	15.88	16.50	99.87
		CH 7	2442	15.82	16.50	99.79
		CH 11	2462	16.13	17.00	99.87

5.2GHz WLAN ANT 1+2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-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	15.58	16.50	100.00
		CH 44	5220	15.50	16.50	100.00
		CH 48	5240	15.40	16.50	100.00
	802.11n-HT40 MCS0	CH 36	5180	15.62	16.50	100.00
		CH 44	5220	15.98	16.50	100.00
		CH 48	5240	15.90	16.50	100.00
	802.11n-HT40 MCS0	CH 36	5180	15.62	16.50	100.00
		CH 44	5220	15.98	16.50	100.00
		CH 48	5240	15.90	16.50	100.00

5.8GHz WLAN ANT 1+2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-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	15.39	16.50	100.00
		CH 157	5785	15.38	16.50	100.00
		CH 165	5825	15.21	16.50	100.00
	802.11n-HT40 MCS0	CH 151	5755	16.01	17.00	100.00
		CH 159	5795	15.76	16.50	100.00
		CH 167	5835	15.40	16.50	100.00
	802.11n-HT40 MCS0	CH 149	5745	15.39	16.50	100.00
		CH 157	5785	15.38	16.50	100.00
		CH 165	5825	15.21	16.50	100.00