



REPORT No.: SZ23120403S01

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)	Time-Up Limit	Power Setting	Duty Cycle (%)	
2.4GHz WLAN ANT 1	802.11b 1Mbps	CH1	2412	16.40	17.00	80.00	97.15
		CH6	2437	15.45	16.00	80.00	96.80
		CH11	2462	16.20	17.00	80.00	98.26
	802.11g 6Mbps	CH1	2412	16.76	17.50	70.00	95.21
		CH6	2437	15.79	16.50	70.00	90.38
		CH11	2462	15.74	16.50	70.00	93.65
	802.11n-HT20 MCS0	CH1	2412	16.48	17.00	70.00	92.49
		CH6	2437	15.58	16.00	70.00	92.75
		CH11	2462	15.86	16.00	70.00	92.85
	802.11n-HT40 MCS0	CH3	2422	16.40	17.00	70.00	90.96
		CH6	2437	15.53	16.00	70.00	87.27
		CH9	2452	15.57	16.00	70.00	81.13
	802.11ac-VHT20 MCS0	CH1	2412	16.29	17.00	70.00	88.39
		CH6	2437	15.74	16.50	70.00	92.43
		CH11	2462	15.74	16.50	70.00	89.12
	802.11ac-VHT40 MCS0	CH3	2422	16.23	17.00	70.00	83.98
		CH6	2437	15.49	16.00	70.00	80.17
		CH9	2452	15.41	16.00	70.00	54.08

2.4GHz WLAN ANT 2

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle
2.4GHz WLAN ANT 2	802.11b 1Mbps	CH1	2412	16.04	17.00	90.00	97.97
		CH6	2437	15.63	16.00	90.00	96.88
		CH11	2462	15.95	16.50	90.00	96.96
	802.11g 6Mbps	CH1	2412	17.74	18.50	80.00	93.99
		CH6	2437	16.97	17.50	80.00	92.98
		CH11	2462	16.92	17.50	80.00	95.65
	802.11n-HT20 MCS0	CH1	2412	17.52	18.00	80.00	95.34
		CH6	2437	16.81	17.50	80.00	92.49
		CH11	2462	16.86	17.50	80.00	91.81
	802.11n-HT40 MCS0	CH3	2422	17.13	17.50	80.00	84.31
		CH6	2437	16.69	17.50	80.00	83.72
		CH9	2452	16.56	17.00	80.00	82.40
	802.11ac-VHT20 MCS0	CH1	2412	17.47	18.00	80.00	94.25
		CH6	2437	16.76	17.50	80.00	93.86
		CH11	2462	16.79	17.50	80.00	92.16
	802.11ac-VHT40 MCS0	CH3	2422	17.38	18.00	80.00	85.33
		CH6	2437	16.74	17.50	80.00	79.63
		CH9	2452	16.74	17.50	80.00	82.67

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	802.11b 1Mbps	CH1	2412	N/A	N/A	N/A	N/A
		CH6	2437	N/A	N/A	N/A	N/A
		CH11	2462	N/A	N/A	N/A	N/A
	802.11g 6Mbps	CH1	2412	N/A	N/A	N/A	N/A
		CH6	2437	N/A	N/A	N/A	N/A
		CH11	2462	N/A	N/A	N/A	N/A
	802.11n-HT20 MCS0	CH1	2412	18.17	19.00	70.00	93.68
		CH6	2437	17.41	18.00	70.00	92.85
		CH11	2462	17.35	18.00	70.00	90.54
	802.11n-HT40 MCS0	CH3	2422	18.14	19.00	70.00	89.22
		CH6	2437	17.76	18.50	70.00	84.31
		CH9	2452	17.79	18.50	70.00	85.07
	802.11ac-VHT20 MCS0	CH1	2412	18.43	19.00	70.00	88.39
		CH6	2437	17.47	18.00	70.00	92.43
		CH11	2462	17.65	18.50	70.00	89.97
	802.11ac-VHT40 MCS0	CH3	2422	18.85	19.00	70.00	79.63
		CH6	2437	18.81	18.50	70.00	81.40
		CH9	2452	17.86	18.50	70.00	83.39

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %	
5GHz WLAN ANT 1	802.11a 6Mbps	CH149	5745	19.70	20.50	70.00	92.83
		CH157	5785	20.02	20.50	70.00	91.19
		CH165	5825	19.53	20.00	70.00	91.59
	802.11n-HT20 MCS0	CH149	5745	19.78	20.50	70.00	92.31
		CH157	5785	19.59	20.00	70.00	92.75
		CH165	5825	19.40	20.00	70.00	90.14
	802.11n-HT40 MCS0	CH151	5755	19.50	20.00	70.00	87.85
		CH159	5795	19.37	20.00	70.00	84.82
		CH167	5835	19.55	20.00	70.00	88.13
	802.11ac-VHT20 MCS0	CH157	5785	19.77	20.50	70.00	91.98
		CH165	5825	19.29	20.00	70.00	92.38
		CH173	5865	19.58	20.00	70.00	81.20
	802.11ac-VHT40 MCS0	CH159	5795	19.49	20.00	70.00	78.51

5.8GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle (%)	
5.8GHz WLAN ANT 2	802.11a 6Mbps	CH149	5745	20.92	21.50	80.00	91.15
		CH157	5785	20.73	21.50	80.00	91.56
		CH165	5825	20.31	21.00	80.00	90.75
	802.11n-HT20 MCS0	CH149	5745	20.84	21.50	80.00	91.43
		CH157	5785	20.73	21.50	80.00	91.87
		CH165	5825	20.34	21.00	80.00	91.87
	802.11n-HT40 MCS0	CH151	5755	20.93	21.50	80.00	90.48
		CH159	5795	20.68	21.00	80.00	89.62
		CH167	5835	21.02	21.50	80.00	89.40
	802.11ac-VHT20 MCS0	CH157	5785	20.89	21.50	80.00	89.61
		CH165	5825	20.42	21.00	80.00	88.53
		CH173	5865	20.93	21.50	80.00	82.61
	802.11ac-VHT40 MCS0	CH159	5795	20.58	21.00	80.00	79.17

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	CH149	5745	N/A	N/A	N/A	N/A
		CH157	5785	N/A	N/A	N/A	N/A
		CH165	5825	N/A	N/A	N/A	N/A
	802.11n-HT20 MCS0	CH149	5745	21.09	21.50	70.00	92.34
		CH157	5785	21.07	21.00	70.00	92.29
		CH165	5825	21.13	22.50	70.00	89.30
	802.11n-HT40 MCS0	CH151	5755	21.05	21.50	70.00	81.03
		CH159	5795	20.80	21.50	70.00	85.59
		CH167	5835	21.07	21.50	70.00	88.53
	802.11ac-VHT20 MCS0	CH157	5785	20.95	21.50	70.00	92.79
		CH165	5825	20.72	21.50	70.00	90.19
		CH173	5865	21.18	22.00	70.00	83.33
	802.11ac-VHT40 MCS0	CH159	5795	20.98	21.50	70.00	79.17

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	Average power (dBm)	Time-Up Limit	Duty Cycle %
BR / EDR	CH00	2402	4.76	5.50	100.00	4.68	5.50	100.00
	CH39	2441	4.28	5.00	100.00	4.40	5.00	100.00
	CH78	2480	4.65	5.50	100.00	4.55	5.00	100.00