



REPORT No.: SZ25100252S01

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	CH 1	2412	18.31	19.00	21.00	99.67
		CH 7	2442	17.98	18.50	21.00	99.67
		CH 13	2472	18.02	19.00	21.00	99.67
	802.11g-6Mbps	CH 1	2412	18.01	19.00	21.00	97.63
		CH 7	2442	17.75	18.50	21.00	97.63
		CH 13	2472	18.11	19.00	21.00	97.63
	802.11n-HT20 MCS0	CH 1	2412	17.42	18.00	20.00	99.34
		CH 7	2442	17.14	18.00	20.00	99.34
		CH 13	2472	17.27	18.00	20.00	99.34
	802.11n-HT40 MCS0	CH 3	2432	17.10	18.00	20.00	99.31
		CH 7	2442	17.16	18.00	20.00	99.31
		CH 11	2462	17.44	18.00	20.00	99.31
	802.11n+HEW20 MCS0	CH 1	2412	17.29	18.00	20.00	99.13
		CH 7	2442	18.65	17.50	20.00	99.13
		CH 13	2472	17.21	18.00	20.00	99.13
	802.11n+HEW40 MCS0	CH 3	2432	17.16	18.00	20.00	99.13
		CH 7	2442	16.73	17.50	20.00	99.13
		CH 11	2462	17.44	18.00	20.00	99.13

5.2GHz WLAN ANT 1

	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	10.11	11.00	17.00	97.20
		CH 44	5220	10.29	11.00	17.00	97.20
		CH 48	5260	10.51	11.00	17.00	97.20
	802.11n-HT20 MCS0	CH 36	5180	9.98	10.50	17.00	99.22
		CH 44	5220	9.98	10.50	17.00	98.07
		CH 48	5240	10.09	11.00	17.00	99.22
	802.11n-HT40 MCS0	CH 36	5190	9.65	10.50	17.00	99.39
		CH 40	5230	9.80	10.50	17.00	99.39
		CH 48	5260	9.98	10.50	17.00	99.22
	802.11ac-VHT20 MCS0	CH 44	5220	9.98	10.50	17.00	99.22
		CH 48	5260	9.98	10.50	17.00	99.22
		CH 36	5180	9.72	10.50	17.00	99.18
	802.11ac-VHT40 MCS0	CH 48	5260	10.10	11.00	17.00	99.39
		CH 36	5180	9.93	10.50	17.00	99.23
		CH 44	5220	9.63	10.50	17.00	99.23
	802.11ac+HEW20 MCS0	CH 48	5240	9.63	10.50	17.00	99.23
		CH 36	5190	9.39	10.00	17.00	98.98
		CH 40	5230	9.38	10.00	17.00	98.97

5.3GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN ANT 1	802.11a-6Mbps	CH 52	5260	10.20	11.00	17.00	97.22
		CH 60	5300	10.11	11.00	17.00	93.33
		CH 64	5320	10.62	11.50	17.00	93.33
	802.11n-HT20 MCS0	CH 52	5260	10.46	11.00	17.00	99.22
		CH 60	5300	10.46	11.00	17.00	97.98
		CH 64	5320	10.28	11.00	17.00	99.10
	802.11n-HT40 MCS0	CH 54	5270	10.13	11.00	17.00	98.00
		CH 62	5310	10.33	11.00	17.00	99.39
		CH 52	5260	10.41	11.00	17.00	99.22
	802.11ac-VHT20 MCS0	CH 60	5300	10.58	11.50	17.00	98.06
		CH 64	5320	10.32	11.00	17.00	99.22
		CH 54	5270	10.33	11.00	17.00	99.39
	802.11ac-VHT40 MCS0	CH 62	5310	10.56	11.50	17.00	97.98
		CH 52	5260	9.88	10.50	17.00	99.23
		CH 60	5300	9.93	10.50	17.00	98.98
	802.11ac+HEW20 MCS0	CH 64	5320	9.74	10.50	17.00	97.24
		CH 54	5270	9.46	10.00	17.00	98.98
		CH 62	5310	9.81	10.50	17.00	97.48

5.5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN ANT 1	802.11a-6Mbps	CH 100	5500	12.40	13.00	17.00	97.20
		CH 120	5600	12.91	13.50	17.00	93.33
		CH 144	5720	11.40	12.00	17.00	92.67
	802.11n-HT20 MCS0	CH 100	5500	12.23	13.00	17.00	98.07
		CH 120	5600	12.76	13.50	17.00	99.22
		CH 144	5720	11.17	12.00	17.00	98.07
	802.11n-HT40 MCS0	CH 102	5510	12.28	13.00	17.00	99.39
		CH 110	5550	12.56	13.00	17.00	99.39
		CH 142	5710	11.41	12.00	17.00	99.39
	802.11ac-VHT20 MCS0	CH 100	5500	12.20	13.00	17.00	99.61
		CH 120	5600	12.73	13.50	17.00	99.22
		CH 144	5720	11.31	12.00	17.00	99.22
	802.11ac-VHT40 MCS0	CH 102	5510	12.41	13.00	17.00	99.18
		CH 110	5550	12.69	13.50	17.00	97.98
		CH 142	5710	11.55	12.50	17.00	99.18
	802.11ac+HEW20 MCS0	CH 100	5500	11.94	12.50	17.00	97.49
		CH 120	5600	12.13	13.00	17.00	98.98
		CH 144	5720	10.79	11.50	17.00	99.23
	802.11ac+HEW40 MCS0	CH 102	5510	11.80	12.50	17.00	98.98
		CH 110	5550	12.01	13.00	17.00	97.49
		CH 142	5710	11.19	12.00	17.00	97.48

5.8GHz WLAN ANT 1

	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	10.19	11.00	17.00	97.20
		CH 157	5785	9.61	10.50	17.00	97.20
		CH 165	5825	8.97	9.50	17.00	97.98
	802.11n-HT20 MCS0	CH 149	5745	10.04	11.00	17.00	99.61
		CH 157	5785	9.80	10.50	17.00	99.80
		CH 165	5825	8.99	9.50	17.00	99.41
	802.11n-HT40 MCS0	CH 151	5765	10.09	11.00	17.00	99.39
		CH 159	5795	9.58	10.50	17.00	99.19
		CH 149	5745	10.20	11.00	17.00	99.22
	802.11ac-VHT20 MCS0	CH 157	5785	9.83	10.50	17.00	99.61
		CH 165	5825	8.86	9.50	17.00	99.22
		CH 151	5765	10.19	11.00	17.00	99.39
	802.11ac-VHT40 MCS0	CH 159	5795	9.66	10.50	17.00	99.19
		CH 149	5745	9.77	10.50	17.00	98.98
		CH 157	5785	9.32	10.00	17.00	99.23
	802.11ac+HEW20 MCS0	CH 165	5825	8.36	9.00	17.00	98.98
		CH 151	5765	9.80	10.50	17.00	97.48
		CH 159	5795	9.03	10.00	17.00	99.23

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps	
			Average power (dBm)	Duty Cycle %	Average power (dBm)	Duty Cycle %
LE	CH 00	2402	-0.15	63.23	-2.77	33.52
	CH 19	2440	-0.26	63.28	-2.98	33.49
	CH 39	2480	0.18	63.28	-2.48	33.52
Time-up Limit			0.5		-2	
Power Setting			4		4	

Mode	Frequency (MHz)	Average power (dBm)	Duty Cycle (%)
RFID	902.75	17.45	21.29
	914.75	19.73	21.36
	921.25	18.13	21.58
Time-up Limit		20.50	
Power Setting		21.00	