



REPORT No.: SZ22090340S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacture document.

Conducted Power

2.4GHz WLAN ANT 0

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
802.11a 8Mbps	CH1	2412	19.31	11.00	46	100.00
	CH7	2442	19.26	11.00	46	
	CH13	2472	19.27	11.00	46	
802.11g 18Mbps	CH1	2412	4.31	5.00	26	97.21
	CH7	2442	4.35	5.00	26	
	CH13	2472	4.13	5.00	26	
802.11n-HT20 MCS0	CH1	2412	3.74	4.50	20	97.04
	CH7	2442	3.95	4.50	20	
	CH13	2472	4.02	5.00	20	

2.4GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
802.11a 8Mbps	CH1	2412	19.48	11.00	46	100.00
	CH7	2442	19.23	11.00	46	
	CH13	2472	19.74	11.00	46	
802.11g 18Mbps	CH1	2412	3.05	4.00	20	97.21
	CH7	2442	3.41	4.00	20	
	CH13	2472	3.62	4.00	20	
802.11n-HT20 MCS0	CH1	2412	3.17	4.00	20	97.04
	CH7	2442	3.21	4.00	20	
	CH13	2472	3.32	4.00	20	

2.4GHz WLAN ANT 0+1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
802.11a 8Mbps	CH1	2412	N/A	N/A	N/A	N/A
	CH7	2442	N/A	N/A	N/A	
	CH13	2472	N/A	N/A	N/A	
802.11g 18Mbps	CH1	2412	6.99	7.50	26	97.21
	CH7	2442	6.99	7.50	26	
	CH13	2472	6.99	7.50	26	
802.11n-HT20 MCS0	CH1	2412	6.99	7.50	20	97.04
	CH7	2442	6.99	7.50	20	
	CH13	2472	6.99	7.50	20	

5GHz WLAN ANT 0

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
802.11a 8Mbps	CH36	5180	5.96	6.50	26.00	97.21
	CH44	5220	5.96	6.50	26.00	
	CH48	5240	6.62	7.00	26.00	
802.11n-HT20 MCS0	CH36	5180	4.51	5.00	26.00	97.04
	CH44	5220	4.20	5.00	26.00	
	CH48	5240	4.98	5.00	26.00	
802.11n-HT40 MCS0	CH36	5180	5.11	5.00	26.00	94.46
	CH44	5220	6.42	6.00	26.00	
	CH48	5240	6.42	6.00	26.00	
802.11ac-VHT20 MCS0	CH36	5180	5.02	6.50	26.00	97.05
	CH44	5220	5.97	6.50	26.00	
	CH48	5240	6.16	7.00	26.00	
802.11ac-VHT40 MCS0	CH36	5180	6.43	7.00	26.00	94.42
	CH44	5220	6.40	7.00	26.00	
	CH48	5240	6.79	6.00	26.00	

5.2GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
802.11a 8Mbps	CH36	5180	6.03	6.50	26	97.21
	CH44	5220	6.01	6.50	26	
	CH48	5240	6.20	6.50	26	
802.11n-HT20 MCS0	CH36	5180	6.15	6.50	26	97.04
	CH44	5220	6.20	6.50	26	
	CH48	5240	6.18	6.50	26	
802.11n-HT40 MCS0	CH36	5180	6.45	6.50	26	94.46
	CH44	5220	6.93	6.50	26	
	CH48	5240	6.11	6.50	26	
802.11ac-VHT20 MCS0	CH36	5180	6.10	6.50	26	97.05
	CH44	5220	6.10	6.50	26	
	CH48	5240	6.20	6.50	26	
802.11ac-VHT40 MCS0	CH36	5180	6.19	6.50	26	94.42
	CH44	5220	6.96	6.50	26	
	CH48	5240	6.36	6.50	26	

5.2GHz WLAN ANT 0+1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
802.11a 8Mbps	CH36	5180	N/A	N/A	N/A	N/A
	CH44	5220	N/A	N/A	N/A	
	CH48	5240	N/A	N/A	N/A	
802.11n-HT20 MCS0	CH36	5180	10.00	11.00	N/A	97.04
	CH44	5220	10.00	11.00	N/A	
	CH48	5240	10.00	11.00	N/A	
802.11n-HT40 MCS0	CH36	5180	8.45	9.00	N/A	94.46
	CH44	5220	9.03	10.00	N/A	
	CH48	5240	10.41	11.00	N/A	
802.11ac-VHT20 MCS0	CH36	5180	10.41	11.00	N/A	97.05
	CH44	5220	10.41	11.00	N/A	
	CH48	5240	10.41	11.00	N/A	
802.11ac-VHT40 MCS0	CH36	5180	8.54	10.00	N/A	94.42
	CH44	5220	8.54	10.00	N/A	
	CH48	5240	9.03	10.00	N/A	

5.8GHz WLAN ANT 0

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
802.11a 8Mbps	CH146	5745	6.44	7.00	26.00	97.21
	CH157	5785	6.50	7.00	26.00	
	CH165	5825	6.25	7.00	26.00	
802.11n-HT20 MCS0	CH146	5745	6.89	7.00	26.00	97.04
	CH157	5785	6.12	7.00	26.00	
	CH165	5825	6.97	7.00	26.00	
802.11n-HT40 MCS0	CH151	5755	7.18	8.00	26.00	94.42
	CH159	5795	6.68	7.00	26.00	
	CH169	5835	6.96	6.50	26.00	
802.11ac-VHT20 MCS0	CH151	5755	7.86	8.00	26	97.05
	CH159	5795	7.26	8.00	26	
	CH169	5835	6.12	7.00	26.00	
802.11ac-VHT40 MCS0	CH151	5755	7.84	8.00	26.00	94.42
	CH159	5795	7.15	8.00	26.00	
	CH165	5825	7.88	8.50	26.00	

5.8 WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
802.11a 8Mbps	CH146	5745	6.74	10.00	26	97.21
	CH157	5785	6.28	10.00	26	
	CH165	5825	6.15	10.00	26	
802.11n-HT20 MCS0	CH146	5745	6.39	10.00	26	97.04
	CH157	5785	6.27	10.00	26	
	CH165	5825	6.09	10.00	26	
802.11n-HT40 MCS0	CH151	5755	7.36	8.00	26	94.42
	CH159	5795	6.34	7.00	26	
	CH169	5835	6.47	10.00	26	
802.11ac-VHT20 MCS0	CH151	5755	6.13	10.00	26	97.05
	CH159	5795	6.09	10.00	26	
	CH165	5825	6.09	10.00	26	
802.11ac-VHT40 MCS0	CH151	5755	7.86	8.50	26	94.42
	CH159	5795	7.49	8.50	26	
	CH165	5825	7.72	9.50	26	

5.8GHz WLAN ANT 0+1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %
802.11a 8Mbps	CH146	5745	N/A	N/A	N/A	N/A
	CH157	5785	N/A	N/A	N/A	
	CH165	5825	N/A	N/A	N/A	
802.11n-HT20 MCS0	CH146	5745	10.46	11.00	N/A	97.04
	CH157	5785	11.14	12.00	N/A	
	CH165	5825	11.14	12.00	N/A	
802.11n-HT40 MCS0	CH151	5755	10.79	11.00	N/A	94.42
	CH159	5795	10.20	11.00	N/A	
	CH169	5835	11.79	12.00	N/A	
802.11ac-VHT20 MCS0	CH151	5755	11.46	12.00	N/A	97.05
	CH159	5795	11.46	12.00	N/A	
	CH165	5825	11.14	12.00	N/A	
802.11ac-VHT40 MCS0	CH151	5755	11.14	11.00	N/A	94.42
	CH159	5795	10.41	11.00	N/A	
	CH165	5825	11.14	12.00	N/A	

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			Min	Mean	Max
802.11a	CH10	2442	6.26	5.61	1.78
	CH10	2442	6.38	2.08	2.19
	CH16	2480	6.18	2.13	2.14
Turnup Limit:			7	3	3
Duty Cycle %:			77.07	77.07	77.07

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			Min	Mean	Max
LE	CH10	2442	3.97	4.06	
	CH10	2442	4.06		
	CH10	2442	3.81		
Turnup Limit:			5		
Duty Cycle %:			62.5		