



REPORT No.: SZ22090340S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacture document.

2.4GHz WLAN ANT 0

2.4GHz WLAN ANT 0	Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans-10 Loss	Power Setting	Daily Cycle %
	802.11a 54Mbps	CH 1	2412	19.31	11.00	40	100.00
		CH 7	2442	19.36	11.00	40	
		CH 13	2472	19.37	11.00	40	
	802.11g 54Mbps	CH 1	2412	4.31	5.00	20	97.21
		CH 7	2442	4.35	5.00	20	
		CH 13	2472	4.13	5.00	20	
	802.11n HT20 MCS0	CH 1	2412	3.74	4.50	20	97.04
		CH 7	2442	3.95	4.50	20	
		CH 13	2472	4.02	5.00	20	

5GHz WLAN ANT 0

5GHz WLAN ANT 0	Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans-10 Loss	Power Setting	Daily Cycle %
	802.11a 54Mbps	CH 36	5160	5.96	6.50	20.00	97.21
		CH 44	5220	5.96	6.50	20.00	
		CH 48	5240	6.02	7.00	20.00	
	802.11n HT20 MCS0	CH 36	5160	4.51	5.00	20.00	97.04
		CH 44	5220	4.20	5.00	20.00	
		CH 48	5240	4.98	5.00	20.00	
	802.11n HT40 MCS0	CH 36	5160	5.11	5.00	20.00	94.40
		CH 48	5240	6.42	6.00	20.00	
		CH 36	5160	5.02	6.50	20.00	
	802.11ac VHT20 MCS0	CH 44	5220	5.97	6.50	20.00	97.05
		CH 48	5240	6.16	7.00	20.00	
		CH 36	5160	6.43	7.00	20.00	
	802.11ac VHT40 MCS0	CH 48	5240	6.40	7.00	20.00	94.40
		CH 40	5210	5.79	6.00	20.00	
		CH 40	5210	5.79	6.00	20.00	

5GHz WLAN ANT 0

5GHz WLAN ANT 0	Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans-10 Loss	Power Setting	Daily Cycle %
	802.11a 54Mbps	CH 146	5745	6.44	7.00	20.00	97.21
		CH 157	5785	6.50	7.00	20.00	
		CH 155	5825	6.25	7.00	20.00	
	802.11n HT20 MCS0	CH 146	5745	6.88	7.00	20.00	97.04
		CH 157	5785	6.12	7.00	20.00	
		CH 155	5825	6.07	7.00	20.00	
	802.11n HT40 MCS0	CH 151	5755	7.18	8.00	20.00	94.40
		CH 159	5795	6.68	7.00	20.00	
		CH 149	5745	7.66	8.50	20.00	
	802.11ac VHT20 MCS0	CH 157	5785	7.26	8.00	20.00	97.05
		CH 155	5825	6.12	7.00	20.00	
		CH 151	5755	7.44	8.50	20.00	
	802.11ac VHT40 MCS0	CH 159	5795	7.15	8.00	20.00	94.40
		CH 155	5825	6.40	7.00	20.00	
		CH 155	5775	7.88	8.50	20.00	

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			10Mbps	20Mbps	40Mbps
802.11g	CH 130	2445	6.36	1.61	1.79
	CH 130	2445	6.36	2.08	2.19
	CH 136	2460	6.18	2.13	2.14
Transmit Loss			7	3	3
Daily Cycle %			77.67	77.67	77.67

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			(dBm)		
LE	CH 130	2445	3.97		
	CH 130	2445	4.50		
	CH 130	2460	3.81		
Transmit Loss			5		
Daily Cycle %			82.5		

Conducted Power

2.4GHz WLAN ANT 1

2.4GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans-10 Loss	Power Setting	Daily Cycle %
	802.11a 54Mbps	CH 1	2412	10.48	11.00	40	100.00
		CH 7	2442	10.10	11.00	40	
		CH 13	2472	10.76	11.00	40	
	802.11g 54Mbps	CH 1	2412	3.41	4.00	20	97.21
		CH 7	2442	3.41	4.00	20	
		CH 13	2472	3.02	4.00	20	
	802.11n HT20 MCS0	CH 1	2412	3.17	4.00	20	97.04
		CH 7	2442	3.21	4.00	20	
		CH 13	2472	3.32	4.00	20	

5GHz WLAN ANT 1

5GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans-10 Loss	Power Setting	Daily Cycle %
	802.11a 54Mbps	CH 36	5160	6.03	6.00	30	97.21
		CH 44	5220	6.01	6.00	30	
		CH 48	5240	6.20	6.50	30	
	802.11n HT20 MCS0	CH 36	5160	6.15	6.00	30	97.04
		CH 44	5220	6.20	6.00	30	
		CH 48	5240	6.18	6.00	30	
	802.11n HT40 MCS0	CH 36	5160	5.45	6.00	30	94.40
		CH 48	5240	6.93	6.50	30	
		CH 36	5160	6.11	6.00	30	
	802.11ac VHT20 MCS0	CH 44	5220	6.10	6.00	30	97.05
		CH 48	5240	6.18	6.00	30	
		CH 36	5160	5.98	6.50	30	
	802.11ac VHT40 MCS0	CH 48	5240	6.98	6.50	30	94.40
		CH 40	5210	5.36	6.00	30	
		CH 40	5210	5.36	6.00	30	

5.8 WLAN ANT 1

5.8GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans-10 Loss	Power Setting	Daily Cycle %
	802.11a 54Mbps	CH 146	5745	6.76	10.50	30	97.21
		CH 157	5785	6.28	10.00	30	
		CH 155	5825	6.15	10.00	30	
	802.11n HT20 MCS0	CH 146	5745	6.39	10.50	30	97.04
		CH 157	5785	6.27	10.00	30	
		CH 155	5825	6.09	10.00	30	
	802.11n HT40 MCS0	CH 151	5755	7.36	8.00	30	94.40
		CH 159	5795	6.34	7.00	30	
		CH 149	5745	8.47	10.00	30	
	802.11ac VHT20 MCS0	CH 157	5785	6.13	10.00	30	97.05
		CH 155	5825	6.09	10.00	30	
		CH 151	5755	7.86	8.50	30	
	802.11ac VHT40 MCS0	CH 159	5795	7.49	8.00	30	94.40
		CH 155	5775	7.75	8.50	30	
		CH 155	5775	7.75	8.50	30	

2.4GHz WLAN ANT 0+1

2.4GHz WLAN ANT 0+1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans-10 Loss	Power Setting	Daily Cycle %
	802.11a 54Mbps	CH 1	2412	N/A	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 54Mbps	CH 1	2412	6.99	7.50	20	97.21
		CH 7	2442	6.99	7.50	20	
		CH 13	2472	6.99	7.50	20	
	802.11n HT20 MCS0	CH 1	2412	6.99	7.50	20	97.04
		CH 7	2442	6.99	7.50	20	
		CH 13	2472	6.99	7.50	20	

5GHz WLAN ANT 0+1

5.8GHz WLAN ANT 0+1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans-10 Loss	Power Setting	Daily Cycle %
	802.11a 54Mbps	CH 36	5160	N/A	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	5160	10.00	11.00	N/A	97.04
		CH 44	5220	10.00	11.00	N/A	
		CH 48	5240	10.00	11.00	N/A	
	802.11n HT40 MCS0	CH 36	5160	9.40	9.00	N/A	94.40
		CH 48	5240	9.03	10.00	N/A	
		CH 36	5160	10.41	11.00	N/A	
	802.11ac VHT20 MCS0	CH 44	5220	10.41	11.00	N/A	97.05
		CH 48	5240	10.41	11.00	N/A	
		CH 36	5160	9.04	10.00	N/A	
	802.11ac VHT40 MCS0	CH 48	5240	9.04	10.00	N/A	94.40
		CH 40	5210	9.03	10.00	N/A	
		CH 40	5210	9.03	10.00	N/A	

5.8 WLAN ANT 0+1

5.8GHz WLAN ANT 0+1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Trans-10 Loss	Power Setting	Daily Cycle %
	802.11a 54Mbps	CH 146	5745	N/A	N/A	N/A	N/A
		CH 157	5785	N/A	N/A	N/A	
		CH 155	5825	N/A	N/A	N/A	
	802.11n HT20 MCS0	CH 146	5745	10.40	11.00	N/A	97.04
		CH 157	5785	11.14	12.00	N/A	
		CH 155	5825	11.14	12.00	N/A	
	802.11n HT40 MCS0	CH 151	5755	10.79	11.00	N/A	94.40
		CH 159	5795	10.20	11.00	N/A	
		CH 149	5745	11.79	12.00	N/A	
	802.11ac VHT20 MCS0	CH 157	5785	11.46	12.00	N/A	97.05
		CH 155	5825	10.79	11.00	N/A	
		CH 151	5755	11.14	11.00	N/A	
	802.11ac VHT40 MCS0	CH 159	5795	10.41	11.00	N/A	94.40
		CH 155	5775	11.14	12.00	N/A	
		CH 155	5775	11.14	12.00	N/A	