



REPORT No.: SZ23050021S01

## Annex E Conducted Power

**Note:**

Conducted power unit: dBm

The target power was recorded in the manufacture document.



Full Power

2.4GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %	
802.11b 1Mbps	CH 1	2412	18.90	20.50	18.00	99.67	
	CH 6	2437	18.53	20.50	18.00		
	CH 11	2462	18.77	20.50	18.00		
	802.11g 6Mbps	CH 1	2412	17.87	19.50	17.00	97.48
		CH 6	2437	17.49	19.00	17.00	
		CH 11	2462	17.72	19.50	17.00	
	802.11n-HT20 MCS0	CH 1	2412	17.75	19.50	17.00	97.31
		CH 6	2437	17.27	19.00	17.00	
		CH 11	2462	17.57	19.50	17.00	
802.11n-HT40 MCS0	CH 3	2422	17.94	19.50	17.00	94.88	
	CH 6	2437	17.43	19.00	17.00		
	CH 9	2452	17.45	19.00	17.00		
802.11ac-VHT20 MCS0	CH 1	2412	17.68	19.50	17.00	97.40	
	CH 6	2437	17.28	19.00	17.00		
	CH 11	2462	17.58	19.50	17.00		
802.11ac-VHT40 MCS0	CH 3	2422	17.85	19.50	17.00	95.05	
	CH 6	2437	17.38	19.00	17.00		
	CH 9	2452	17.39	19.00	17.00		

5GHz WLAN ANT 3

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 36	5180	17.25	19.00	17.00	97.48
	CH 44	5220	17.23	19.00	17.00	
	CH 48	5240	17.51	19.00	17.00	
	CH 36	5180	17.20	19.00	17.00	
802.11n-HT20 MCS0	CH 44	5220	17.17	19.00	17.00	97.31
	CH 48	5240	16.89	18.50	17.00	
	CH 36	5180	17.12	19.00	17.00	
802.11n-HT40 MCS0	CH 46	5230	17.00	19.00	17.00	94.88
	CH 38	5190	16.68	18.50	17.00	
802.11ac-VHT20 MCS0	CH 44	5220	17.15	19.00	17.00	97.33
	CH 48	5240	17.00	19.00	17.00	
	CH 38	5190	17.18	19.00	17.00	
802.11ac-VHT40 MCS0	CH 46	5230	17.00	19.00	17.00	94.91
	CH 42	5210	15.06	17.00	15.00	

5GHz WLAN ANT 3

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 52	5260	17.16	19.00	17.00	97.48
	CH 60	5300	17.07	19.00	17.00	
	CH 64	5320	16.84	18.50	17.00	
802.11n-HT20 MCS0	CH 52	5260	17.06	19.00	17.00	97.31
	CH 60	5300	16.95	18.50	17.00	
	CH 64	5320	16.52	18.50	17.00	
802.11n-HT40 MCS0	CH 54	5270	16.80	18.50	17.00	94.88
	CH 62	5310	16.81	18.50	17.00	
	CH 52	5260	17.13	19.00	17.00	
802.11ac-VHT20 MCS0	CH 60	5300	16.98	18.50	17.00	97.33
	CH 64	5320	16.80	18.50	17.00	
	CH 54	5270	16.99	18.50	17.00	
802.11ac-VHT40 MCS0	CH 62	5310	16.80	18.50	17.00	94.91
	CH 58	5290	14.79	16.50	15.00	

5GHz WLAN ANT 3

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 100	5500	17.75	19.50	17.00	97.48
	CH 116	5580	17.77	19.50	17.00	
	CH 120	5600	16.10	20.00	17.00	
	CH 144	5720	17.89	19.50	17.00	
802.11n-HT20 MCS0	CH 100	5500	17.59	19.50	17.00	97.31
	CH 116	5580	17.69	19.50	17.00	
	CH 120	5600	17.90	19.50	17.00	
	CH 144	5720	17.71	19.50	17.00	
802.11n-HT40 MCS0	CH 102	5510	17.83	19.50	17.00	94.88
	CH 110	5550	17.73	19.50	17.00	
	CH 126	5630	17.98	19.50	17.00	
	CH 142	5710	17.76	19.50	17.00	
802.11ac-VHT20 MCS0	CH 100	5500	17.64	19.50	17.00	97.33
	CH 116	5580	17.71	19.50	17.00	
	CH 120	5600	17.97	19.50	17.00	
	CH 144	5720	17.76	19.50	17.00	
802.11ac-VHT40 MCS0	CH 102	5510	17.91	19.50	17.00	94.91
	CH 110	5550	17.99	19.50	17.00	
	CH 126	5630	18.01	20.00	17.00	
	CH 142	5710	17.82	19.50	17.00	
802.11ac-VHT80 MCS0	CH 106	5530	15.57	17.50	15.00	90.38
	CH 122	5610	15.78	17.50	15.00	
	CH 138	5690	15.75	17.50	15.00	

5GHz WLAN ANT 3

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 149	5745	17.73	19.50	17.00	97.48
	CH 157	5785	17.70	19.50	17.00	
	CH 165	5825	17.67	19.50	17.00	
	CH 149	5745	17.72	19.50	17.00	
802.11n-HT20 MCS0	CH 157	5785	17.52	19.50	17.00	97.31
	CH 165	5825	17.56	19.50	17.00	
	CH 151	5795	17.80	19.50	17.00	
802.11n-HT40 MCS0	CH 159	5795	17.47	19.00	17.00	94.88
	CH 149	5745	17.67	19.50	17.00	
	CH 157	5785	17.49	19.50	17.00	
802.11ac-VHT20 MCS0	CH 165	5825	17.55	19.50	17.00	97.33
	CH 161	5795	17.79	19.50	17.00	
	CH 159	5795	17.46	19.00	17.00	
802.11ac-VHT40 MCS0	CH 159	5795	17.46	19.00	17.00	94.91
	CH 155	5775	16.54	17.50	15.00	

Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	Tune-Up Limit	2Mbps	Tune-Up Limit
BR / EDR	CH 00	2402	12.79	14.00	8.93	11.50
	CH 19	2441	14.42	16.00	10.88	12.00
	CH 78	2480	10.83	12.00	7.28	9.00
Duty Cycle %			76.85		77.01	77.01

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	0.44	-2.42
	CH 19	2440	1.26	-1.45
	CH 59	2480	-0.10	-3.00
Tune-up Limit			3	0.5
Duty Cycle %			61.9	31.75



Reduced Power

REPORT No.: SZ23050021S01

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	13.06	14.50	12.00	99.67
		CH 6	2437	12.83	14.50	12.00	
		CH 11	2462	12.98	14.50	12.00	
	802.11g 6Mbps	CH 1	2412	11.87	13.50	11.00	97.48
		CH 6	2437	11.40	13.00	11.00	
		CH 11	2462	11.72	13.50	11.00	
	802.11n-HT20 MCS0	CH 1	2412	11.73	13.50	11.00	97.31
		CH 6	2437	11.27	13.00	11.00	
		CH 11	2462	11.57	13.50	11.00	
	802.11n-HT40 MCS0	CH 3	2422	11.84	13.50	11.00	94.88
		CH 6	2437	11.43	13.00	11.00	
		CH 9	2452	11.45	13.00	11.00	
802.11ac-VHT20 MCS0	CH 1	2412	11.68	13.50	11.00	97.40	
	CH 6	2437	11.28	13.00	11.00		
	CH 11	2462	11.58	13.50	11.00		
802.11ac-VHT40 MCS0	CH 3	2422	11.85	13.50	11.00	95.05	
	CH 6	2437	11.38	13.00	11.00		
	CH 9	2452	11.39	13.00	11.00		

5GHz WLAN ANT 3

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %	
5GHz WLAN ANT 3	802.11a 6Mbps	CH 36	5180	10.25	12.00	10.00	97.48
		CH 44	5220	10.20	12.00	10.00	
		CH 48	5240	10.01	12.00	10.00	
	802.11n-HT20 MCS0	CH 36	5180	10.20	12.00	10.00	97.31
		CH 44	5220	10.17	12.00	10.00	
		CH 48	5240	9.89	11.50	10.00	
	802.11n-HT40 MCS0	CH 36	5190	10.12	12.00	10.00	94.88
		CH 45	5230	10.00	12.00	10.00	
		CH 36	5180	9.68	11.50	10.00	
	802.11ac-VHT20 MCS0	CH 44	5220	10.15	12.00	10.00	97.33
		CH 45	5230	10.00	12.00	10.00	
		CH 36	5180	10.18	12.00	10.00	
802.11ac-VHT40 MCS0	CH 45	5230	10.00	12.00	10.00	94.91	
	CH 42	5210	8.06	10.00	8.00		
	CH 42	5210	8.06	10.00	8.00		

5GHz WLAN ANT 3

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %	
5GHz WLAN ANT 3	802.11a 6Mbps	CH 52	5260	9.16	11.00	9.00	97.48
		CH 60	5300	9.07	11.00	9.00	
		CH 64	5320	8.64	10.50	9.00	
	802.11n-HT20 MCS0	CH 52	5260	9.06	11.00	9.00	97.31
		CH 60	5300	8.95	10.50	9.00	
		CH 64	5320	8.52	10.50	9.00	
	802.11n-HT40 MCS0	CH 54	5270	8.80	10.50	9.00	94.88
		CH 62	5310	8.81	10.50	9.00	
		CH 52	5260	9.13	11.00	9.00	
	802.11ac-VHT20 MCS0	CH 60	5300	8.50	10.50	9.00	97.33
		CH 64	5320	8.60	10.50	9.00	
		CH 54	5270	8.89	10.50	9.00	
802.11ac-VHT40 MCS0	CH 62	5310	8.80	10.50	9.00	94.91	
	CH 58	5290	6.79	8.50	7.00		
	CH 58	5290	6.79	8.50	7.00		

5GHz WLAN ANT 3

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %	
5GHz WLAN ANT 3	802.11a 6Mbps	CH 100	5500	6.75	8.50	6.00	97.48
		CH 116	5580	6.77	8.50	6.00	
		CH 120	5600	7.10	9.00	6.00	
	802.11n-HT20 MCS0	CH 100	5500	6.89	8.50	6.00	97.31
		CH 116	5580	6.80	8.50	6.00	
		CH 120	5600	6.90	8.50	6.00	
	802.11n-HT40 MCS0	CH 102	5510	6.71	8.50	6.00	94.88
		CH 102	5510	6.63	8.50	6.00	
		CH 110	5550	6.73	8.50	6.00	
	802.11ac-VHT20 MCS0	CH 126	5630	6.98	8.50	6.00	97.33
		CH 142	5710	6.76	8.50	6.00	
		CH 100	5500	6.64	8.50	6.00	
802.11ac-VHT40 MCS0	CH 116	5580	6.71	8.50	6.00	94.91	
	CH 120	5600	6.97	8.50	6.00		
	CH 144	5720	6.76	8.50	6.00		
802.11ac-VHT80 MCS0	CH 102	5510	6.61	8.50	6.00	90.38	
	CH 110	5550	6.69	8.50	6.00		
	CH 126	5630	7.01	9.00	6.00		
802.11ac-VHT80 MCS0	CH 142	5710	6.82	8.50	6.00	90.38	
	CH 106	5530	4.97	6.50	4.00		
	CH 120	5600	4.75	6.50	4.00		

5GHz WLAN ANT 3

Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Power Setting	Duty Cycle %	
5GHz WLAN ANT 3	802.11a 6Mbps	CH 149	5745	7.23	9.00	6.50	97.48
		CH 157	5785	7.20	9.00	6.50	
		CH 165	5825	7.17	9.00	6.50	
	802.11n-HT20 MCS0	CH 149	5745	7.22	9.00	6.50	97.31
		CH 157	5785	7.02	9.00	6.50	
		CH 165	5825	7.06	9.00	6.50	
	802.11n-HT40 MCS0	CH 151	5755	7.30	9.00	6.50	94.88
		CH 159	5795	6.97	8.50	6.50	
		CH 149	5745	7.17	9.00	6.50	
	802.11ac-VHT20 MCS0	CH 157	5785	6.99	8.50	6.50	97.33
		CH 165	5825	7.05	9.00	6.50	
		CH 151	5755	7.29	9.00	6.50	
802.11ac-VHT40 MCS0	CH 159	5795	6.98	8.50	6.50	94.91	
	CH 155	5775	5.04	7.00	4.50		
	CH 155	5775	5.04	7.00	4.50		

Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	Turn-up Limit	2Mbps	Turn-up Limit
BR / EDR	CH 00	2402	10.79	12.00	8.93	11.50
	CH 39	2441	12.42	14.00	10.88	12.00
	CH 78	2480	8.83	10.50	7.28	9.00
Duty Cycle %			76.85		77.01	77.01

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	0.44	-2.42
	CH 19	2440	1.20	-1.45
	CH 39	2480	-3.10	-3.00
Turn-up Limit			3	0.5
Duty Cycle %			61.9	31.75