



REPORT No.: SZ23050021S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacture document.



Full Power

REPORT No.: SZ23050021S01

2.4GHz WLAN ANT 2

	Mode	Channel	Frequency (MHz)	Average power (dBm)		Power Setting	Duty Cycle %
				1Mbps	2Mbps		
2.4GHz WLAN ANT 2	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 9Mbps	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	2462	17.39	19.00	17.00	

5GHz WLAN ANT 3

	Mode	Channel	Frequency (MHz)	Average power (dBm)		Power Setting	Duty Cycle %
				1Mbps	2Mbps		
5.2GHz WLAN ANT 3	802.11a 6Mbps	CH 36	5180	17.25	19.00	17.00	97.48
		CH 44	5220	17.28	19.00	17.00	
		CH 48	5240	17.81	19.00	17.00	
	802.11n-HT20 MCS0	CH 36	5180	17.20	19.00	17.00	97.31
		CH 44	5220	17.17	19.00	17.00	
		CH 48	5240	16.89	18.50	17.00	
	802.11n-HT40 MCS0	CH 36	5180	17.12	19.00	17.00	94.88
		CH 48	5230	17.00	19.00	17.00	
		CH 36	5180	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 36	5180	17.18	19.00	17.00	
	802.11ac-VHT40 MCS0	CH 48	5230	17.00	19.00	17.00	94.91
		CH 42	5210	15.06	17.00	15.00	
		CH 42	5210	15.06	17.00	15.00	

5GHz WLAN ANT 3

	Mode	Channel	Frequency (MHz)	Average power (dBm)		Power Setting	Duty Cycle %
				1Mbps	2Mbps		
5.2GHz WLAN ANT 3	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	16.88	18.50	17.00	97.33
		CH 64	5320	16.80	18.50	17.00	
		CH 54	5270	16.89	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	
		CH 58	5290	14.79	16.50	15.00	

5GHz WLAN ANT 3

	Mode	Channel	Frequency (MHz)	Average power (dBm)		Power Setting	Duty Cycle %
				1Mbps	2Mbps		
5.2GHz WLAN ANT 3	802.11a 6Mbps	CH 100	5600	17.75	19.50	17.00	97.48
		CH 116	5680	17.77	19.50	17.00	
		CH 120	5600	16.10	20.00	17.00	
	802.11n-HT20 MCS0	CH 144	5720	17.89	19.50	17.00	97.31
		CH 100	5600	17.59	19.50	17.00	
		CH 116	5680	17.69	19.50	17.00	
	802.11n-HT40 MCS0	CH 120	5600	17.90	19.50	17.00	94.88
		CH 144	5720	17.71	19.50	17.00	
		CH 102	5510	17.83	19.50	17.00	
	802.11ac-VHT20 MCS0	CH 110	5650	17.73	19.50	17.00	97.33
		CH 126	5630	17.98	19.50	17.00	
		CH 142	5710	17.76	19.50	17.00	
	802.11ac-VHT40 MCS0	CH 100	5600	17.64	19.50	17.00	94.91
		CH 116	5680	17.71	19.50	17.00	
		CH 120	5600	17.97	19.50	17.00	
	802.11ac-VHT80 MCS0	CH 144	5720	17.76	19.50	17.00	97.33
		CH 102	5510	17.81	19.50	17.00	
		CH 110	5650	17.59	19.50	17.00	
	802.11ac-VHT160 MCS0	CH 126	5630	15.01	20.00	17.00	94.91
		CH 142	5710	17.82	19.50	17.00	
		CH 106	5530	15.57	17.50	15.00	
	802.11ac-VHT320 MCS0	CH 122	5610	15.78	17.50	15.00	90.38
		CH 138	5690	15.75	17.50	15.00	
		CH 138	5690	15.75	17.50	15.00	

5GHz WLAN ANT 3

	Mode	Channel	Frequency (MHz)	Average power (dBm)		Power Setting	Duty Cycle %
				1Mbps	2Mbps		
5.2GHz WLAN ANT 3	802.11a 6Mbps	CH 140	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	
	802.11n-HT20 MCS0	CH 140	5745	17.72	19.50	17.00	97.31
		CH 157	5785	17.52	19.50	17.00	
		CH 165	5825	17.56	19.50	17.00	
	802.11n-HT40 MCS0	CH 151	5755	17.86	19.50	17.00	94.88
		CH 159	5795	17.47	19.50	17.00	
		CH 140	5745	17.67	19.50	17.00	
	802.11ac-VHT20 MCS0	CH 157	5785	17.49	19.50	17.00	97.33
		CH 165	5825	17.55	19.50	17.00	
		CH 161	5758	17.79	19.50	17.00	
	802.11ac-VHT40 MCS0	CH 159	5795	17.46	19.50	17.00	94.91
		CH 155	5775	15.54	17.50	15.00	
		CH 155	5775	15.54	17.50	15.00	

Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	4Mbps
BR / EDR	CH 00	2402	12.79	14.00	8.93	11.50
	CH 39	2441	14.42	15.00	10.88	12.00
	CH 76	2480	10.83	12.00	7.28	9.00
Duty Cycle %			76.85	77.01	77.01	77.01

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	0.44	-2.42
	CH 39	2440	1.26	-1.45
	CH 39	2480	-0.10	-3.00
Tune-up Limit			3	0.5
Duty Cycle %			61.9	31.75

MORLAB

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Reduced Power

REPORT No.: SZ23050021S01

2.4GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 2	802.11b 1Mbps	CH 1	2412	13.96	14.50	12.00
		CH 6	2437	12.83	14.50	12.00
		CH 11	2462	12.38	14.50	12.00
	802.11g 9Mbps	CH 1	2412	11.87	13.50	11.00
		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
		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
		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
		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
		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)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 3	802.11a 6Mbps	CH 36	5180	10.25	12.00	10.00
		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
		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
		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
		CH 45	5240	10.00	12.00	10.00
		CH 36	5190	10.16	12.00	10.00
	802.11ac-VHT40 MCS0	CH 45	5230	10.00	12.00	10.00
		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)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN ANT 3	802.11a 6Mbps	CH 52	5260	9.16	11.00	9.00
		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
		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
		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	8.58	10.50	9.00
		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
		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)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN ANT 3	802.11a 6Mbps	CH 100	5500	6.75	8.50	6.00
		CH 116	5580	6.77	8.50	6.00
		CH 120	5600	7.10	9.00	6.00
	802.11n-HT20 MCS0	CH 144	5720	6.89	8.50	6.00
		CH 100	5500	6.59	8.50	6.00
		CH 116	5580	6.68	8.50	6.00
	802.11n-HT40 MCS0	CH 120	5600	6.90	8.50	6.00
		CH 144	5720	6.71	8.50	6.00
		CH 102	5510	6.63	8.50	6.00
	802.11ac-VHT20 MCS0	CH 110	5550	6.73	8.50	6.00
		CH 126	5630	6.98	8.50	6.00
		CH 142	5710	6.76	8.50	6.00
	802.11ac-VHT40 MCS0	CH 100	5500	6.64	8.50	6.00
		CH 116	5580	6.71	8.50	6.00
		CH 120	5600	6.97	8.50	6.00
	802.11ac-VHT80 MCS0	CH 144	5720	6.76	8.50	6.00
		CH 102	5510	6.61	8.50	6.00
		CH 110	5550	6.69	8.50	6.00
	802.11ac-VHT80 MCS0	CH 126	5630	7.01	9.00	6.00
		CH 142	5710	6.82	8.50	6.00
		CH 106	5530	4.97	6.50	4.00
	802.11ac-VHT80 MCS0	CH 122	5610	4.75	6.50	4.00
		CH 138	5690	4.75	6.50	4.00
		CH 138	5690	4.75	6.50	4.00

5GHz WLAN ANT 3

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 3	802.11a 6Mbps	CH 149	5745	7.23	9.00	6.50
		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
		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
		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
		CH 165	5825	7.08	9.00	6.50
		CH 151	5755	7.29	8.50	6.50
	802.11ac-VHT40 MCS0	CH 159	5795	6.98	8.50	6.50
		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	Tune-up Limit	3Mbps	Tune-up Limit
BR / EDR	CH 55	2402	10.79	12.00	8.93	11.50
	CH 39	2441	12.42	14.00	10.88	12.00
	CH 75	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	3Mbps
LE	CH 55	2402	0.44	-2.42
	CH 19	2440	1.28	-1.45
	CH 59	2480	-0.10	-3.00
Turnup Limit			3	0.5
Duty Cycle %			61.9	31.75