



REPORT No.: SZ22010234S01

## Annex E Conducted Power

Full Power

Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit	Power Setting	Duty Cycle %
			1Mbps	2Mbps			
2.4GHz WLAN	802.11b 1Mbps	CH 1	2412	18.55	20.00	18.00	99.28
		CH 6	2437	19.91	21.00	18.00	
		CH 11	2462	19.22	21.00	18.00	
	802.11g 6Mbps	CH 1	2412	13.10	15.00	12.00	95.80
		CH 6	2437	16.34	18.00	16.00	
		CH 11	2462	9.61	11.00	8.00	
	802.11n-HT20 MCS0	CH 1	2412	10.33	12.00	9.00	95.04
		CH 6	2437	16.55	18.00	16.00	
		CH 11	2462	9.90	11.00	8.00	
802.11n-HT40 MCS0	CH 3	2422	12.30	14.00	10.00	87.50	
	CH 6	2437	16.33	18.00	16.00		
	CH 9	2452	9.15	11.00	8.00		

Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit	Power Setting	Duty Cycle %
			1Mbps	2Mbps			
5.2GHz WLAN	802.11a 6Mbps	CH 36	5180	15.96	17.00	16.00	95.10
		CH 44	5220	16.49	18.00	16.00	
		CH 48	5240	15.97	17.00	16.00	
	802.11n-HT20 MCS0	CH 36	5180	15.81	17.00	16.00	94.26
		CH 44	5220	16.15	18.00	16.00	
		CH 48	5240	16.15	18.00	16.00	
	802.11n-HT40 MCS0	CH 38	5190	15.18	17.00	16.00	86.15
		CH 46	5230	15.13	17.00	16.00	
	802.11ac-VHT20 MCS0	CH 36	5180	14.51	15.00	16.00	93.50
		CH 44	5220	15.13	15.50	16.00	
		CH 48	5240	15.37	16.00	16.00	
	802.11ac-VHT40 MCS0	CH 38	5190	14.82	15.50	16.00	84.85
CH 46		5230	15.08	15.50	16.00		
802.11ac-VHT80 MCS0	CH 42	5210	14.59	15.00	16.00	71.43	

Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit	Power Setting	Duty Cycle %
			1Mbps	2Mbps			
5.3GHz WLAN	802.11a 6Mbps	CH 52	5260	16.14	16.50	16.00	95.10
		CH 60	5300	15.61	16.00	16.00	
		CH 64	5320	16.22	16.50	16.00	
	802.11n-HT20 MCS0	CH 52	5260	16.30	16.50	16.00	94.26
		CH 60	5300	16.30	16.50	16.00	
		CH 64	5320	16.59	17.00	16.00	
	802.11n-HT40 MCS0	CH 54	5270	14.84	15.50	16.00	86.15
		CH 62	5310	15.40	15.50	16.00	
	802.11ac-VHT20 MCS0	CH 52	5260	15.58	16.00	16.00	93.50
		CH 60	5300	15.33	15.50	16.00	
		CH 64	5320	16.29	16.50	16.00	
	802.11ac-VHT40 MCS0	CH 54	5270	15.02	15.50	16.00	84.85
CH 62		5310	15.58	16.00	16.00		
802.11ac-VHT80 MCS0	CH 58	5290	15.08	15.50	16.00	71.43	

Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit	Power Setting	Duty Cycle %
			1Mbps	2Mbps			
5.5GHz WLAN	802.11a 6Mbps	CH 100	5500	16.18	18.00	16.00	95.10
		CH 120	5600	16.36	18.00	16.00	
		CH 140	5700	15.08	17.00	16.00	
	802.11n-HT20 MCS0	CH 100	5500	16.32	18.00	16.00	94.26
		CH 120	5600	16.42	18.00	16.00	
		CH 140	5700	15.21	17.00	16.00	
	802.11n-HT40 MCS0	CH 102	5510	13.90	15.00	16.00	86.15
		CH 126	5630	15.10	17.00	15.00	
		CH 134	5670	14.58	16.00	16.00	
	802.11ac-VHT20 MCS0	CH 100	5500	16.40	18.00	16.00	93.50
		CH 120	5600	16.45	18.00	16.00	
		CH 140	5700	15.18	17.00	16.00	
	802.11ac-VHT40 MCS0	CH 102	5510	16.10	18.00	16.00	84.85
		CH 126	5630	15.08	17.00	16.00	
		CH 134	5670	14.78	16.00	16.00	
	802.11ac-VHT80 MCS0	CH 106	5530	13.62	15.00	16.00	71.43
		CH 122	5610	15.67	17.00	15.00	
		CH 136	5690	14.94	16.00	16.00	

Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit	Power Setting	Duty Cycle %
			1Mbps	2Mbps			
5.8GHz WLAN	802.11a MCS0	CH 149	5745	15.95	17.00	16.00	95.10
		CH 157	5785	16.40	18.00	16.00	
		CH 165	5825	16.50	18.00	16.00	
	802.11n-HT20 MCS0	CH 149	5745	15.91	17.00	16.00	94.26
		CH 157	5785	16.21	18.00	16.00	
		CH 165	5825	16.41	18.00	16.00	
	802.11n-HT40 MCS0	CH 151	5755	16.52	18.00	16.00	86.15
		CH 159	5795	16.31	18.00	16.00	
		CH 149	5745	15.82	17.00	16.00	
	802.11ac-VHT20 MCS0	CH 157	5785	16.21	18.00	16.00	93.50
		CH 165	5825	16.41	18.00	16.00	
		CH 151	5755	15.82	17.00	16.00	
802.11ac-VHT40 MCS0	CH 159	5795	15.78	17.00	16.00	84.85	
	CH 155	5775	16.12	18.00	16.00		

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	7.01	4.23	4.17
	CH 39	2441	7.38	5.02	5.04
	CH 78	2480	6.69	4.24	4.43
Tune-up Limit			9.0	7.0	7.0
Duty Cycle %			77.33	78.8	77.33

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	-1.91	-1.49
	CH 19	2440	-1.66	-1.55
	CH 39	2480	-1.71	-1.27
Tune-up Limit			1.0	1.0
Duty Cycle %			32	33.33

Reduced Power

Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit	Power Setting	Duty Cycle %
			1Mbps	2Mbps			
2.4GHz WLAN	802.11b 1Mbps	CH 1	2412	11.58	13.00	11.00	99.28
		CH 6	2437	12.54	14.00	11.00	
		CH 11	2462	12.25	14.00	11.00	
	802.11g 6Mbps	CH 1	2412	8.58	10.00	9.00	95.80
		CH 6	2437	9.37	11.00	9.00	
		CH 11	2462	9.81	11.00	9.00	
	802.11n-HT20 MCS0	CH 1	2412	8.83	10.00	9.00	95.04
		CH 6	2437	9.58	11.00	9.00	
		CH 11	2462	10.08	12.00	9.00	
802.11n-HT40 MCS0	CH 3	2422	9.62	11.00	9.00	87.50	
	CH 6	2437	9.36	11.00	9.00		
	CH 9	2452	9.52	11.00	9.00		

Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit	Power Setting	Duty Cycle %
			1Mbps	2Mbps			
5.2GHz WLAN	802.11a 6Mbps	CH 36	5180	4.98	6.00	5.00	95.10
		CH 44	5220	5.51	7.00	5.00	
		CH 48	5240	5.09	7.00	5.00	
	802.11n-HT20 MCS0	CH 36	5180	4.83	6.00	5.00	94.26
		CH 44	5220	5.17	7.00	5.00	
		CH 48	5240	5.17	7.00	5.00	
	802.11n-HT40 MCS0	CH 38	5190	4.20	6.00	5.00	86.15
		CH 46	5230	4.15	6.00	5.00	
		CH 36	5180	3.53	4.00	5.00	
	802.11ac-VHT20 MCS0	CH 44	5220	4.15	6.00	5.00	93.50
		CH 48	5240	4.39	6.00	5.00	
		CH 38	5190	3.84	5.00	5.00	
	802.11ac-VHT40 MCS0	CH 46	5230	4.10	6.00	5.00	84.85
		CH 42	5210	3.61	5.00	5.00	71.43

Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit	Power Setting	Duty Cycle %
			1Mbps	2Mbps			
5.3GHz WLAN	802.11a 6Mbps	CH 52	5260	5.17	7.00	5.00	95.10
		CH 60	5300	4.64	6.00	5.00	
		CH 64	5320	5.25	7.00	5.00	
	802.11n-HT20 MCS0	CH 52	5260	5.33	7.00	5.00	94.26
		CH 60	5300	5.37	7.00	5.00	
		CH 64	5320	5.62	7.00	5.00	
	802.11n-HT40 MCS0	CH 54	5270	4.22	6.00	5.00	86.15
		CH 62	5310	4.43	6.00	5.00	
		CH 52	5260	4.61	6.00	5.00	
	802.11ac-VHT20 MCS0	CH 60	5300	4.36	6.00	5.00	93.50
		CH 64	5320	5.32	7.00	5.00	
		CH 54	5270	4.05	6.00	5.00	
	802.11ac-VHT40 MCS0	CH 62	5310	4.61	6.00	5.00	84.85
		CH 58	5290	4.11	6.00	5.00	71.43

Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit	Power Setting	Duty Cycle %
			1Mbps	2Mbps			
5.5GHz WLAN	802.11a 6Mbps	CH 100	5500	3.18	0.00	2.00	95.10
		CH 120	5500	3.38	5.00	2.00	
		CH 140	5700	2.08	4.00	2.00	
	802.11n-HT20 MCS0	CH 100	5500	3.32	5.00	2.00	94.26
		CH 120	5600	3.42	5.00	2.00	
		CH 140	5700	2.21	4.00	2.00	
	802.11n-HT40 MCS0	CH 102	5510	3.21	5.00	2.00	86.15
		CH 126	5630	2.10	4.00	2.00	
		CH 134	5670	1.58	3.00	2.00	
	802.11ac-VHT20 MCS0	CH 100	5500	3.40	5.00	2.00	93.50
		CH 120	5600	3.45	5.00	2.00	
		CH 140	5700	2.38	4.00	2.00	
	802.11ac-VHT40 MCS0	CH 102	5510	3.10	5.00	2.00	84.85
		CH 126	5630	3.08	5.00	2.00	
		CH 134	5670	2.78	4.00	2.00	
802.11ac-VHT80 MCS0	CH 106	5530	3.09	5.00	2.00	71.43	
	CH 122	5610	3.07	5.00	2.00		
	CH 136	5690	3.04	5.00	2.00		

Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune-Up Limit	Power Setting	Duty Cycle %
			1Mbps	2Mbps			
5.8GHz WLAN	802.11a MCS0	CH 149	5745	3.29	5.00	3.00	95.10
		CH 157	5785	3.74	5.00	3.00	
		CH 165	5825	3.84	5.00	3.00	
	802.11n-HT20 MCS0	CH 149	5745	3.25	5.00	3.00	94.26
		CH 157	5785	3.55	5.00	3.00	
		CH 165	5825	3.75	5.00	3.00	
	802.11n-HT40 MCS0	CH 151	5755	3.86	5.00	3.00	86.15
		CH 159	5795	3.65	5.00	3.00	
		CH 149	5745	3.16	5.00	3.00	
	802.11ac-VHT20 MCS0	CH 157	5785	3.55	5.00	3.00	93.50
		CH 165	5825	3.75	5.00	3.00	
		CH 151	5755	3.16	5.00	3.00	
	802.11ac-VHT40 MCS0	CH 159	5795	3.12	5.00	3.00	84.85
		CH 155	5775	3.46	5.00	3.00	71.43

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	1.72	0.75	0.78
	CH 39	2441	2.30	1.28	1.35
	CH 78	2480	1.96	1.01	0.90
	Tune-up Limit		4.0	3.0	3.0
Duty Cycle %			77.33	76.8	77.33
Power Setting			8	8	8

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	-1.91	-1.49
	CH 19	2440	-1.66	-1.55
	CH 39	2480	-1.71	-1.27
Tune-up Limit			1.0	1.0
Duty Cycle %			32	33.33