

Appendix A - Conducted Power Measurements

WLAN 2.4 GHz MAX Tune-up Power					
Mode	Channel	Frequency	ANT 0	ANT 1	ANT 0+1
			MAX Tune-up	MAX Tune-up	MAX Tune-up
802.11b	1	2412	15.00	15.00	18.00
	6	2437	15.00	15.00	18.00
	11	2462	15.00	15.00	18.00
	12	2467	15.00	15.00	18.00
	13	2472	15.00	15.00	18.00
802.11g	1	2412	15.00	15.00	18.00
	6	2437	15.00	15.00	18.00
	11	2462	15.00	15.00	18.00
	12	2467	15.00	15.00	18.00
	13	2472	10.50	11.50	14.00
802.11n HT20	1	2412	15.00	15.00	18.00
	6	2437	15.00	15.00	18.00
	11	2462	15.00	15.00	18.00
	12	2467	15.00	15.00	18.00
	13	2472	10.50	11.50	14.00
802.11n HT40	3	2422	15.00	15.00	18.00
	6	2437	15.00	15.00	18.00
	9	2452	15.00	15.00	18.00
	10	2457	11.25	10.50	13.88
	11	2462	10.75	10.50	13.63
802.11ax HE20	1	2412	15.00	15.00	18.00
	6	2437	15.00	15.00	18.00
	11	2462	15.00	15.00	18.00
	12	2467	15.00	15.00	18.00
	13	2472	10.50	11.50	14.00
802.11ax HE40	3	2422	15.00	15.00	18.00
	6	2437	15.00	15.00	18.00
	9	2452	15.00	15.00	18.00
	10	2457	11.25	10.50	13.88
	11	2462	10.75	10.50	13.63

WLAN 5.2 GHz MAX Tune-up Power					
Mode	Channel	Frequency	ANT 0	ANT 1	ANT 0+1
			MAX Tune-up	MAX Tune-up	MAX Tune-up
802.11a	36	5180	13.5	13.5	16.5
	40	5200	13.5	13.5	16.5
	44	5220	13.5	13.5	16.5
	48	5240	13.5	13.5	16.5
802.11n HT20	36	5180	13.5	13.5	16.5
	40	5200	13.5	13.5	16.5
	44	5220	13.5	13.5	16.5
	48	5240	13.5	13.5	16.5
802.11n HT40	38	5190	13.5	13.5	16.5
	46	5230	13.5	13.5	16.5
802.11ac VHT80	42	5210	13.5	13.5	16.5
802.11ax HE20	36	5180	13.5	13.5	16.5
	40	5200	13.5	13.5	16.5
	44	5220	13.5	13.5	16.5
	48	5240	13.5	13.5	16.5
802.11ax HE40	38	5190	13.5	13.5	16.5
	46	5230	13.5	13.5	16.5
802.11ax HE80	42	5210	13.5	13.5	16.5

WLAN 5.3 GHz MAX Tune-up Power					
Mode	Channel	Frequency	ANT 0	ANT 1	ANT 0+1
			MAX Tune-up	MAX Tune-up	MAX Tune-up
802.11a	52	5260	13.5	13.5	16.5
	56	5280	13.5	13.5	16.5
	60	5300	13.5	13.5	16.5
	64	5320	13.5	13.5	16.5
802.11n HT20	52	5260	13.5	13.5	16.5
	56	5280	13.5	13.5	16.5
	60	5300	13.5	13.5	16.5
	64	5320	13.5	13.5	16.5
802.11n HT40	54	5270	13.5	13.5	16.5
	62	5310	13.5	13.5	16.5
802.11ac VHT80	58	5290	13.5	13.5	16.5
802.11ac VHT160	50	5250	13.5	13.5	16.5
802.11ax HE20	52	5260	13.5	13.5	16.5
	56	5280	13.5	13.5	16.5
	60	5300	13.5	13.5	16.5
	64	5320	13.5	13.5	16.5
802.11ax HE40	54	5270	13.5	13.5	16.5
	62	5310	13.5	13.5	16.5
802.11ax HE80	58	5290	13.5	13.5	16.5
802.11ax HE160	50	5250	13.5	13.5	16.5

WLAN 5.6 GHz MAX Tune-up Power					
Mode	Channel	Frequency	ANT 0	ANT 1	ANT 0+1
			MAX Tune-up	MAX Tune-up	MAX Tune-up
802.11a	100	5500	13.5	13.5	16.5
	116	5580	13.5	13.5	16.5
	124	5620	13.5	13.5	16.5
	132	5660	13.5	13.5	16.5
	140	5700	13.5	13.5	16.5
	144	5720	13.5	13.5	16.5
802.11n HT20	100	5500	13.5	13.5	16.5
	116	5580	13.5	13.5	16.5
	124	5620	13.5	13.5	16.5
	132	5660	13.5	13.5	16.5
	140	5700	13.5	13.5	16.5
	144	5720	13.5	13.5	16.5
802.11n HT40	102	5510	13.5	13.5	16.5
	110	5550	13.5	13.5	16.5
	126	5630	13.5	13.5	16.5
	134	5670	13.5	13.5	16.5
	142	5710	13.5	13.5	16.5
802.11ac VHT80	106	5530	13.5	13.5	16.5
	122	5610	13.5	13.5	16.5
	138	5690	13.5	13.5	16.5
802.11ac VHT160	114	5570	13.5	13.5	16.5
802.11ax HE20	100	5500	13.5	13.5	16.5
	116	5580	13.5	13.5	16.5
	124	5620	13.5	13.5	16.5
	132	5660	13.5	13.5	16.5
	140	5700	13.5	13.5	16.5
	144	5720	13.5	13.5	16.5
802.11ax HE40	102	5510	13.5	13.5	16.5
	110	5550	13.5	13.5	16.5
	126	5630	13.5	13.5	16.5
	134	5670	13.5	13.5	16.5
	142	5710	13.5	13.5	16.5
802.11ax HE80	106	5530	13.5	13.5	16.5
	122	5610	13.5	13.5	16.5
	138	5690	13.5	13.5	16.5
802.11ax HE160	114	5570	13.5	13.5	16.5

WLAN 5.8 GHz MAX Tune-up Power					
Mode	Channel	Frequency	ANT 0	ANT 1	ANT 0+1
			MAX Tune-up	MAX Tune-up	MAX Tune-up
802.11a	149	5745	13.5	13.5	16.5
	157	5785	13.5	13.5	16.5
	165	5825	13.5	13.5	16.5
	169	5845	13.5	13.5	16.5
	173	5865	13.5	13.5	16.5
	177	5885	13.5	13.5	16.5
802.11n HT20	149	5745	13.5	13.5	16.5
	157	5785	13.5	13.5	16.5
	165	5825	13.5	13.5	16.5
	169	5845	13.5	13.5	16.5
	173	5865	13.5	13.5	16.5
	177	5885	13.5	13.5	16.5
802.11n HT40	151	5755	13.5	13.5	16.5
	159	5795	13.5	13.5	16.5
	167	5835	13.5	13.5	16.5
	175	5875	13.5	13.5	16.5
802.11ac VHT80	155	5775	13.5	13.5	16.5
	171	5855	13.5	13.5	16.5
802.11ac VHT160	163	5815	13.5	13.5	16.5
802.11ax HE20	149	5745	13.5	13.5	16.5
	157	5785	13.5	13.5	16.5
	165	5825	13.5	13.5	16.5
	169	5845	13.5	13.5	16.5
	173	5865	13.5	13.5	16.5
	177	5885	13.5	13.5	16.5
802.11ax HE40	151	5755	13.5	13.5	16.5
	159	5795	13.5	13.5	16.5
	167	5835	13.5	13.5	16.5
	175	5875	13.5	13.5	16.5
802.11ax HE80	155	5775	13.5	13.5	16.5
	171	5855	13.5	13.5	16.5
802.11ax HE160	163	5815	13.5	13.5	16.5

U-NII 5 MAX Tune-up Power					
Mode	Channel	Frequency	ANT 0	ANT 1	ANT 0+1
			MAX Tune-up	MAX Tune-up	MAX Tune-up
802.11ax HE20	1	5955	5	5	8
	45	6175	5	5	8
	93	6415	5	5	8
802.11ax HE40	3	5965	8.25	8.25	11.25
	43	6165	8.25	8.25	11.25
	91	6405	8.25	8.25	11.25
802.11ax HE80	7	5985	10.75	10.75	13.75
	39	6145	10.75	10.75	13.75
	87	6385	10.75	10.75	13.75
802.11ax HE160	15	6025	12	12	15
	47	6185	12	12	15
	79	6345	12	12	15

U-NII 6 MAX Tune-up Power					
Mode	Channel	Frequency	ANT 0	ANT 1	ANT 0+1
			MAX Tune-up	MAX Tune-up	MAX Tune-up
802.11ax HE20	97	6435	5	5	8
	105	6475	5	5	8
	113	6515	5	5	8
802.11ax HE40	99	6445	8.25	8.25	11.25
	107	6485	8.25	8.25	11.25
802.11ax HE80	103	6465	10.75	10.75	13.75
	119	6545	10.75	10.75	13.75
802.11ax HE160	111	6505	12	12	15

U-NII 7 MAX Tune-up Power					
Mode	Channel	Frequency	ANT 0	ANT 1	ANT 0+1
			MAX Tune-up	MAX Tune-up	MAX Tune-up
802.11ax HE20	117	6535	4.25	4.25	7.25
	149	6695	4.25	4.25	7.25
	181	6855	4.25	4.25	7.25
802.11ax HE40	115	6525	8.25	8.25	11.25
	147	6685	7.5	7.5	10.5
	179	6845	7.5	7.5	10.5
802.11ax HE80	135	6625	10	10	13
	151	6705	10	10	13
	167	6785	10	10	13
	183	6865	10	10	13
802.11ax HE160	143	6665	12	12	15
	175	6825	12	12	15

U-NII 8 MAX Tune-up Power					
Mode	Channel	Frequency	ANT 0	ANT 1	ANT 0+1
			MAX Tune-up	MAX Tune-up	MAX Tune-up
802.11ax HE20	185	6875	4.25	4.25	7.25
	209	6995	4.25	4.25	7.25
	233	7115	-1	-1	2
802.11ax HE40	187	6885	7.5	7.5	10.5
	211	7005	7.5	7.5	10.5
	227	7085	7.5	7.5	10.5
802.11ax HE80	199	6945	10	10	13
	215	7025	10	10	13
802.11ax HE160	207	6985	12	12	15

WLAN 2.4 GHz						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11b	1	2412	14.92	15.00	14.94	15.00
	6	2437	14.99	15.00	14.95	15.00
	11	2462	14.93	15.00	14.93	15.00
	12	2467	14.94	15.00	14.90	15.00
	13	2472	14.90	15.00	14.89	15.00

WLAN 5.3 GHz						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11a	52	5260	13.42	13.50	13.35	13.50
	56	5280	13.39	13.50	13.37	13.50
	60	5300	13.44	13.50	13.42	13.50
	64	5320	13.41	13.50	13.41	13.50

WLAN 5.6 GHz						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11a	100	5500	13.31	13.50	13.33	13.50
	116	5580	13.39	13.50	13.43	13.50
	124	5620	13.35	13.50	13.33	13.50
	132	5660	13.32	13.50	13.40	13.50
	140	5700	13.33	13.50	13.42	13.50
	144	5720	13.25	13.50	13.37	13.50

WLAN 5.8 GHz						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11a	149	5745	13.35	13.50	13.34	13.50
	157	5785	13.42	13.50	13.41	13.50
	165	5825	13.48	13.50	13.46	13.50

U-NII 5						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11ax HE160	15	6025	11.92	12.00	11.89	12.00
	47	6185	11.91	12.00	11.92	12.00
	79	6345	11.96	12.00	11.98	12.00

U-NII 6						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11ax HE160	111	6505	11.96	12.00	11.92	12.00

U-NII 7						
<i>Mode</i>	<i>Channel</i>	<i>Frequency (MHz)</i>	<i>ANT 0</i>		<i>ANT 1</i>	
			<i>Average power (dBm)</i>	<i>Tune-Up Limit</i>	<i>Average power (dBm)</i>	<i>Tune-Up Limit</i>
802.11ax HE160	143	6665	11.92	12.00	11.93	12.00
	175	6825	11.94	12.00	11.94	12.00

U-NII 8						
Mode	Channel	Frequency (MHz)	ANT 0		ANT 1	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
802.11ax HE160	207	6985	11.96	12.00	11.92	12.00