

Appendix F. Maximum Target Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

Note:

All testing was done at SISO powers and MIMO modes will operate at the same or lower power per chain than SISO.

WLAN Tune-up Power (Low Power Mode)				
WLAN2.4GHz				
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up
802.11b	1	2412	11.0	11.0
	6	2437	11.0	11.0
	11	2462	11.0	11.0
	12	2467	11.0	11.0
	13	2472	11.0	11.0
802.11g	1	2412	11.0	11.0
	6	2437	11.0	11.0
	11	2462	11.0	11.0
	12	2467	11.0	11.0
	13	2472	5.5	5.5
802.11n HT20	1	2412	11.0	11.0
	6	2437	11.0	11.0
	11	2462	11.0	11.0
	12	2467	11.0	11.0
	13	2472	4.0	4.0
802.11n HT40	3	2422	11.0	11.0
	6	2437	11.0	11.0
	9	2452	11.0	11.0
	10	2457	11.0	10.0
	11	2462	4.0	4.0
802.11ac VHT20	1	2412	11.0	11.0
	6	2437	11.0	11.0
	11	2462	11.0	11.0
	12	2467	11.0	11.0
	13	2472	4.0	4.0
802.11ac VHT40	3	2422	11.0	11.0
	6	2437	11.0	11.0
	9	2452	11.0	11.0
	10	2457	11.0	10.0
	11	2462	4.0	4.0

WLAN Tune-up Power				
Bluetooth				
Mode	Channel	Frequency	Ant 1 Max Tune-up	
BR / EDR	0	2402	6.0	
	39	2441	6.0	
	78	2480	6.0	
LE	0	2402	6.0	
	19	2440	6.0	
	39	2480	6.0	

WLAN Tune-up Power (Low Power Mode)				
WLAN 5.2GHz				
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up
802.11a	36	5180	10.0	10.5
	40	5200	10.0	10.5
	44	5220	10.0	10.5
	48	5240	10.0	10.5
802.11n HT20	36	5180	10.0	10.5
	40	5200	10.0	10.5
	44	5220	10.0	10.5
	48	5240	10.0	10.5
802.11n HT40	38	5190	10.0	10.5
	46	5230	10.0	10.5
802.11ac VHT20	36	5180	10.0	10.5
	40	5200	10.0	10.5
	44	5220	10.0	10.5
	48	5240	10.0	10.5
802.11ac VHT40	38	5190	10.0	10.5
	46	5230	10.0	10.5
802.11ac VHT80	42	5210	10.0	10.5

WLAN Tune-up Power (Low Power Mode)				
WLAN 5.3GHz				
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up
802.11a	52	5260	10.5	10.5
	56	5280	10.5	10.5
	60	5300	10.5	10.5
	64	5320	10.5	10.5
802.11n HT20	52	5260	10.5	10.5
	56	5280	10.5	10.5
	60	5300	10.5	10.5
	64	5320	10.5	10.5
802.11n HT40	54	5270	10.5	10.5
	62	5310	10.5	10.5
802.11ac VHT20	52	5260	10.5	10.5
	56	5280	10.5	10.5
	60	5300	10.5	10.5
	64	5320	10.5	10.5
802.11ac VHT40	54	5270	10.5	10.5
	62	5310	10.5	10.5
802.11ac VHT80	58	5290	10.5	10.5

WLAN Tune-up Power (Low Power Mode)				
WLAN 5.6GHz				
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up
802.11a	100	5500	11.0	11.0
	116	5580	11.0	11.0
	120	5600	11.0	11.0
	124	5620	11.0	11.0
	132	5660	11.0	11.0
	140	5700	11.0	11.0
	144	5720	11.0	11.0
802.11n HT20	100	5500	11.0	11.0
	116	5580	11.0	11.0
	120	5600	11.0	11.0
	124	5620	11.0	11.0
	132	5660	11.0	11.0
	140	5700	11.0	11.0
	144	5720	11.0	11.0
802.11n HT40	102	5510	11.0	11.0
	110	5550	11.0	11.0
	118	5590	11.0	11.0
	126	5630	11.0	11.0
	134	5670	11.0	11.0
	142	5710	11.0	11.0
802.11ac VHT20	100	5500	11.0	11.0
	116	5580	11.0	11.0
	120	5600	11.0	11.0
	124	5620	11.0	11.0
	132	5660	11.0	11.0
	140	5700	11.0	11.0
	144	5720	11.0	11.0
802.11ac VHT40	102	5510	11.0	11.0
	110	5550	11.0	11.0
	118	5590	11.0	11.0
	126	5630	11.0	11.0
	134	5670	11.0	11.0
	142	5710	11.0	11.0
802.11ac VHT80	106	5530	11.0	11.0
	122	5610	11.0	11.0
	138	5690	11.0	11.0

WLAN Tune-up Power (Low Power Mode)				
WLAN 5.8GHz				
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up
802.11a	149	5745	10.0	10.5
	153	5765	10.0	10.5
	157	5785	10.0	10.5
	161	5805	10.0	10.5
	165	5825	10.0	10.5
802.11n HT20	149	5745	10.0	10.5
	153	5765	10.0	10.5
	157	5785	10.0	10.5
	161	5805	10.0	10.5
	165	5825	10.0	10.5
802.11n HT40	151	5755	10.0	10.5
	159	5795	10.0	10.5
802.11ac VHT20	149	5745	10.0	10.5
	153	5765	10.0	10.5
	157	5785	10.0	10.5
	161	5805	10.0	10.5
	165	5825	10.0	10.5
802.11ac VHT40	151	5755	10.0	10.5
	159	5795	10.0	10.5
802.11ac VHT80	155	5775	10.0	10.5

WLAN Tune-up Power (High Power Mode)				
WLAN2.4GHz				
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up
802.11b	1	2412	19.5	19.5
	6	2437	19.5	19.5
	11	2462	19.5	19.5
	12	2467	15.5	15.5
	13	2472	11.5	11.5
802.11g	1	2412	19.0	19.0
	6	2437	20.5	20.5
	11	2462	17.0	17.0
	12	2467	15.0	15.0
	13	2472	5.5	5.5
802.11n HT20	1	2412	18.5	18.5
	6	2437	19.5	19.5
	11	2462	17.0	17.0
	12	2467	14.5	14.5
	13	2472	4.0	4.0
802.11n HT40	3	2422	16.5	16.5
	6	2437	19.5	19.5
	9	2452	14.0	14.0
	10	2457	13.0	13.0
	11	2462	4.0	4.0
802.11ac VHT20	1	2412	18.5	18.5
	6	2437	19.5	19.5
	11	2462	17.0	17.0
	12	2467	14.5	14.5
	13	2472	4.0	4.0
802.11ac VHT40	3	2422	16.5	16.5
	6	2437	19.5	19.5
	9	2452	14.0	14.0
	10	2457	13.0	13.0
	11	2462	4.0	4.0

WLAN Tune-up Power (High Power Mode)				
WLAN 5.2GHz				
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up
802.11a	36	5180	18.0	18.0
	40	5200	18.0	18.0
	44	5220	18.0	18.0
	48	5240	18.0	18.0
802.11n HT20	36	5180	18.0	18.0
	40	5200	18.0	18.0
	44	5220	18.0	18.0
	48	5240	18.0	18.0
802.11n HT40	38	5190	18.5	18.5
	46	5230	18.5	18.5
802.11ac VHT20	36	5180	18.0	18.0
	40	5200	18.0	18.0
	44	5220	18.0	18.0
	48	5240	18.0	18.0
802.11ac VHT40	38	5190	18.5	18.5
	46	5230	18.5	18.5
802.11ac VHT80	42	5210	18.5	18.5

WLAN Tune-up Power (High Power Mode)				
WLAN 5.3GHz				
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up
802.11a	52	5260	20.5	20.5
	56	5280	20.5	20.5
	60	5300	20.5	20.5
	64	5320	20.5	20.5
802.11n HT20	52	5260	19.5	19.5
	56	5280	19.5	19.5
	60	5300	19.5	19.5
	64	5320	19.5	19.5
802.11n HT40	54	5270	19.5	19.5
	62	5310	17.5	17.5
802.11ac VHT20	52	5260	19.5	19.5
	56	5280	19.5	19.5
	60	5300	19.5	19.5
	64	5320	19.5	19.5
802.11ac VHT40	54	5270	19.5	19.5
	62	5310	17.5	17.5
802.11ac VHT80	58	5290	17.0	17.0

WLAN Tune-up Power (High Power Mode)				
WLAN 5.6GHz				
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up
802.11a	100	5500	20.5	20.5
	116	5580	20.5	20.5
	120	5600	20.5	20.5
	124	5620	20.5	20.5
	132	5660	20.5	20.5
	140	5700	20.5	20.5
	144	5720	20.5	20.5
802.11n HT20	100	5500	19.5	19.5
	116	5580	19.5	19.5
	120	5600	19.5	19.5
	124	5620	19.5	19.5
	132	5660	19.5	19.5
	140	5700	19.5	19.5
	144	5720	19.5	19.5
802.11n HT40	102	5510	17.5	17.5
	110	5550	19.5	19.5
	118	5590	19.5	19.5
	126	5630	19.5	19.5
	134	5670	19.5	19.5
	142	5710	19.5	19.5
802.11ac VHT20	100	5500	19.5	19.5
	116	5580	19.5	19.5
	120	5600	19.5	19.5
	124	5620	19.5	19.5
	132	5660	19.5	19.5
	140	5700	19.5	19.5
	144	5720	19.5	19.5
802.11ac VHT40	102	5510	17.5	17.5
	110	5550	19.5	19.5
	118	5590	19.5	19.5
	126	5630	19.5	19.5
	134	5670	19.5	19.5
	142	5710	19.5	19.5
802.11ac VHT80	106	5530	17.5	17.5
	122	5610	19.5	19.5
	138	5690	19.5	19.5

WLAN Tune-up Power (High Power Mode)				
WLAN 5.8GHz				
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up
802.11a	149	5745	20.5	20.5
	153	5765	20.5	20.5
	157	5785	20.5	20.5
	161	5805	20.5	20.5
	165	5825	20.5	20.5
802.11n HT20	149	5745	19.5	19.5
	153	5765	19.5	19.5
	157	5785	19.5	19.5
	161	5805	19.5	19.5
	165	5825	19.5	19.5
802.11n HT40	151	5755	19.5	19.5
	159	5795	19.5	19.5
802.11ac VHT20	149	5745	19.5	19.5
	153	5765	19.5	19.5
	157	5785	19.5	19.5
	161	5805	19.5	19.5
	165	5825	19.5	19.5
802.11ac VHT40	151	5755	19.5	19.5
	159	5795	19.5	19.5
802.11ac VHT80	155	5775	19.5	19.5