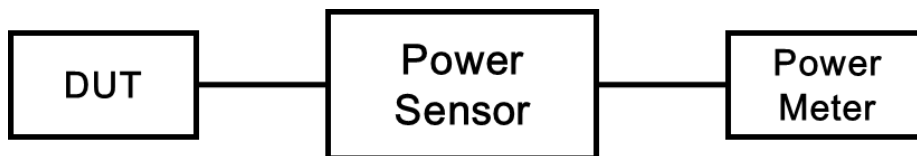


## Appendix A - Conducted Power Measurements

### WLAN Conducted Power

1. As per FCC OET KDB 248227 D01, conducted output power and SAR testing are not required for 802.11g/n20/n40/ax channels when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is  $\leq 1.2\text{W/kg}$ .
2. When the reported SAR of the initial test configuration is  $> 0.8\text{ W/kg}$ , SAR measurement is required for subsequent next highest measured output power channel(s) in the initial test configuration until reported SAR is  $\leq 1.2\text{ W/kg}$  or all required channels are tested.
3. Additional conducted power measurement is required when reported SAR is  $> 1.2\text{W/kg}$ . In case the subsequent test configuration and the channel bandwidth is smaller than the initial test configuration, all channels that overlap with the larger channel bandwidth in the initial configuration should be tested.
4. The initial test configuration for 2.4 GHz and 5 GHz OFDM transmission modes is determined by the 802.11 configuration with the highest maximum output power specified for production units, including tune-up tolerance, in each standalone and aggregated frequency band. SAR for the initial test configuration is measured using the highest maximum output power channel determined by the default power measurement procedures. When multiple transmission modes (802.11a/g/n/ac/ax) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, lowest order 802.11 mode is selected (i.e. a, g, n, ac then ax)
5. When the highest reported SAR for the initial test configuration (when applicable, include subsequent highest output channels), according to the initial test position or fixed exposure requirements, is adjusted by the ratio of the subsequent test configuration to the initial test configuration specified maximum output power and the adjusted SAR is  $\leq 1.2\text{ W/Kg}$ , SAR is not required for that subsequent test configuration.
6. For 802.11ax mode, maximum output powers for each RU size were measured to demonstrate that are no higher than other OFDM 802.11 modes.



Power Measurement Setup

WLAN 2.4 GHz											
Mode	Channel	Frequency (MHz)	Main			Aux			MIMO		
			Peak Power (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)	Peak Power (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)	Peak Power (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)
802.11b	1	2412	16.44	14.28	14.50	17.22	14.45	14.50	19.79	17.09	17.50
	6	2437	16.69	14.14	14.50	16.66	14.41	14.50	19.62	17.04	17.50
	11	2462	16.68	14.07	14.50	15.08	14.35	14.50	18.93	17.08	17.50
	12	2467	16.70	14.12	14.50	17.14	14.43	14.50	19.92	17.01	17.50
	13	2472	15.56	13.15	13.50	15.93	13.05	13.50	18.73	15.84	16.50
802.11g	1	2412	20.11	14.23	14.50	20.23	14.22	14.50	23.18	16.90	17.50
	6	2437	20.32	14.26	14.50	20.15	14.23	14.50	23.20	16.85	17.50
	11	2462	20.70	14.35	14.50	20.01	14.25	14.50	23.35	17.01	17.50
	12	2467	19.30	14.33	14.50	20.17	14.20	14.50	22.69	17.16	17.50
	13	2472	17.02	11.38	11.50	17.21	11.14	11.50	20.14	13.83	14.50
802.11n HT20	1	2412	20.14	14.28	14.50	20.56	14.22	14.50	23.29	17.00	17.50
	6	2437	20.43	14.33	14.50	20.47	14.25	14.50	23.47	16.98	17.50
	11	2462	20.37	14.31	14.50	20.34	14.18	14.50	23.29	16.90	17.50
	12	2467	18.89	13.87	14.00	19.69	13.96	14.00	22.30	16.81	17.00
	13	2472	15.02	9.35	9.50	15.10	9.50	9.50	18.07	12.32	12.50
802.11n HT40	3	2422	20.17	14.18	14.50	20.54	14.45	14.50	23.31	16.91	17.50
	6	2437	20.25	14.16	14.50	20.57	14.39	14.50	23.34	17.17	17.50
	9	2452	19.89	14.03	14.50	20.66	14.38	14.50	23.29	16.84	17.50
	10	2457	17.52	11.79	12.00	18.12	11.88	12.00	20.81	14.67	15.00
	11	2462	15.41	9.58	10.00	15.19	9.74	10.00	18.28	12.20	13.00
VHT20	1	2412	20.18	14.23	14.50	20.65	14.12	14.50	23.40	17.00	17.50
	6	2437	20.37	14.24	14.50	20.33	14.11	14.50	23.35	16.96	17.50
	11	2462	20.38	14.18	14.50	20.39	14.16	14.50	23.33	16.86	17.50
	12	2467	18.87	13.80	14.00	19.46	13.89	14.00	22.18	16.52	17.00
	13	2472	15.19	9.32	9.50	15.30	9.38	9.50	18.18	12.21	12.50
VHT40	3	2422	20.20	14.07	14.50	20.22	14.39	14.50	23.14	16.87	17.50
	6	2437	20.23	14.04	14.50	20.40	14.25	14.50	23.28	16.91	17.50
	9	2452	20.00	13.99	14.50	20.32	14.31	14.50	23.17	16.77	17.50
	10	2457	17.47	11.77	12.00	18.10	11.80	12.00	20.79	14.58	15.00
	11	2462	15.44	9.54	10.00	15.97	9.69	10.00	18.64	12.32	13.00
802.11ax HE20	1	2412	20.23	14.00	14.50	20.82	14.36	14.50	23.56	16.84	17.50
	6	2437	21.03	14.40	14.50	20.87	14.38	14.50	23.87	17.01	17.50
	11	2462	20.80	14.41	14.50	20.93	14.44	14.50	23.81	17.05	17.50
	12	2467	18.88	13.89	14.00	19.79	13.92	14.00	22.38	16.60	17.00
	13	2472	16.02	9.75	10.00	16.00	9.48	10.00	19.02	12.31	13.00
802.11ax HE40	3	2422	20.37	14.35	14.50	19.97	14.11	14.50	23.10	16.77	17.50
	6	2437	20.42	14.32	14.50	20.07	14.18	14.50	23.27	17.00	17.50
	9	2452	20.17	14.13	14.50	20.12	14.04	14.50	23.17	16.70	17.50
	10	2457	17.67	12.39	12.50	17.93	12.43	12.50	20.76	15.31	15.50
	11	2462	15.74	9.75	10.00	15.98	9.87	10.00	18.82	12.56	13.00

WLAN 5.2 GHz								
Mode	Channel	Frequency (MHz)	Main		Aux		MIMO	
			Average Power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)
802.11a	36	5180	13.82	14.00	13.53	14.00	16.43	17.00
	40	5200	13.88	14.00	13.62	14.00	16.37	17.00
	44	5220	13.66	14.00	13.62	14.00	16.24	17.00
	48	5240	13.67	14.00	13.66	14.00	16.21	17.00
802.11n HT20	36	5180	13.79	14.00	13.71	14.00	16.32	17.00
	40	5200	13.88	14.00	13.76	14.00	16.48	17.00
	44	5220	13.61	14.00	13.57	14.00	16.28	17.00
	48	5240	13.60	14.00	13.62	14.00	16.32	17.00
802.11n HT40	38	5190	13.72	14.00	13.81	14.00	16.53	17.00
	46	5230	13.81	14.00	13.71	14.00	16.29	17.00
802.11ac VHT80	42	5210	13.71	14.00	13.72	14.00	16.32	17.00
802.11ax HE20	36	5180	13.64	14.00	13.55	14.00	16.18	17.00
	40	5200	13.58	14.00	13.56	14.00	16.26	17.00
	44	5220	13.63	14.00	13.57	14.00	16.23	17.00
	48	5240	13.60	14.00	13.54	14.00	16.35	17.00
802.11ax HE40	38	5190	13.78	14.00	13.63	14.00	16.47	17.00
	46	5230	13.73	14.00	13.59	14.00	16.35	17.00
802.11ax HE80	42	5210	13.82	14.00	13.58	14.00	16.31	17.00

WLAN 5.3 GHz								
Mode	Channel	Frequency (MHz)	Main		Aux		MIMO	
			Average Power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)
802.11a	52	5260	13.52	14.00	13.49	14.00	16.26	17.00
	56	5280	13.67	14.00	13.63	14.00	16.27	17.00
	60	5300	13.82	14.00	13.76	14.00	16.58	17.00
	64	5320	13.69	14.00	13.69	14.00	16.23	17.00
802.11n HT20	52	5260	13.54	14.00	13.45	14.00	16.32	17.00
	56	5280	13.68	14.00	13.67	14.00	16.48	17.00
	60	5300	13.67	14.00	13.67	14.00	16.26	17.00
	64	5320	13.72	14.00	13.72	14.00	16.46	17.00
802.11n HT40	54	5270	13.85	14.00	13.86	14.00	16.67	17.00
	62	5310	13.79	14.00	13.62	14.00	16.43	17.00
802.11ac VHT80	58	5290	13.75	14.00	13.89	14.00	16.72	17.00
802.11ac VHT160	50	5250	13.17	13.50	13.36	13.50	16.04	16.50
802.11ax HE20	52	5260	13.58	14.00	13.56	14.00	16.25	17.00
	56	5280	13.67	14.00	13.65	14.00	16.50	17.00
	60	5300	13.51	14.00	13.49	14.00	16.08	17.00
	64	5320	13.55	14.00	13.53	14.00	16.41	17.00
802.11ax HE40	54	5270	13.77	14.00	13.75	14.00	16.33	17.00
	62	5310	13.62	14.00	13.59	14.00	16.29	17.00
802.11ax HE80	58	5290	13.58	14.00	13.55	14.00	16.09	17.00
802.11ax HE160	50	5250	13.31	13.50	13.12	13.50	16.09	16.50

WLAN 5.6 GHz								
Mode	Channel	Frequency (MHz)	Main		Aux		MIMO	
			Average Power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)
802.11a	100	5500	12.55	13.00	12.55	13.00	15.29	16.00
	116	5580	12.62	13.00	12.61	13.00	15.51	16.00
	124	5620	12.86	13.00	12.78	13.00	15.37	16.00
	132	5660	12.77	13.00	12.72	13.00	15.42	16.00
	140	5700	12.81	13.00	12.76	13.00	15.40	16.00
	144	5720	12.73	13.00	12.64	13.00	15.28	16.00
802.11n HT20	100	5500	12.88	13.00	12.83	13.00	15.57	16.00
	116	5580	12.84	13.00	12.76	13.00	15.47	16.00
	124	5620	12.92	13.00	12.85	13.00	15.52	16.00
	132	5660	12.89	13.00	12.88	13.00	15.61	16.00
	144	5720	12.66	13.00	12.65	13.00	15.42	16.00
802.11n HT40	102	5510	12.91	13.00	12.91	13.00	15.58	16.00
	110	5550	12.82	13.00	12.75	13.00	15.59	16.00
	126	5630	12.82	13.00	12.77	13.00	15.39	16.00
	134	5670	12.77	13.00	12.69	13.00	15.61	16.00
	142	5710	12.66	13.00	12.65	13.00	15.41	16.00
802.11ac VHT80	106	5530	12.81	13.00	12.79	13.00	15.56	16.00
	122	5610	12.78	13.00	12.53	13.00	15.47	16.00
	138	5690	12.95	13.00	12.84	13.00	15.54	16.00
802.11ac VHT160	114	5570	12.07	12.50	12.13	12.50	14.80	15.50
802.11ax HE20	100	5500	12.79	13.00	12.77	13.00	15.40	16.00
	116	5580	12.83	13.00	12.73	13.00	15.45	16.00
	124	5620	12.65	13.00	12.62	13.00	15.25	16.00
	132	5660	12.69	13.00	12.63	13.00	15.36	16.00
	140	5700	12.52	13.00	12.52	13.00	15.15	16.00
	144	5720	12.63	13.00	12.60	13.00	15.28	16.00
802.11ax HE40	102	5510	12.56	13.00	12.46	13.00	15.09	16.00
	110	5550	12.66	13.00	12.58	13.00	15.24	16.00
	126	5630	12.54	13.00	12.47	13.00	15.16	16.00
	134	5670	12.70	13.00	12.69	13.00	15.48	16.00
	142	5710	12.88	13.00	12.86	13.00	15.67	16.00
802.11ax HE80	106	5530	12.82	13.00	12.82	13.00	15.64	16.00
	122	5610	12.66	13.00	12.65	13.00	15.33	16.00
	138	5690	12.84	13.00	12.81	13.00	15.70	16.00
802.11ax HE160	114	5570	12.27	12.50	12.29	12.50	14.83	15.50

WLAN 5.8 GHz								
Mode	Channel	Frequency (MHz)	Main		Aux		MIMO	
			Average Power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)
802.11a	149	5745	12.64	13.00	12.62	13.00	15.35	16.00
	157	5785	12.53	13.00	12.53	13.00	15.07	16.00
	165	5825	12.72	13.00	12.66	13.00	15.42	16.00
802.11n HT20	149	5745	12.55	13.00	12.52	13.00	15.08	16.00
	157	5785	12.91	13.00	12.86	13.00	15.46	16.00
	165	5825	12.76	13.00	12.67	13.00	15.43	16.00
802.11n HT40	151	5755	12.92	13.00	12.89	13.00	15.74	16.00
	159	5795	12.91	13.00	12.76	13.00	15.39	16.00
802.11ac VHT80	155	5775	12.81	13.00	12.72	13.00	15.42	16.00
802.11ax HE20	149	5745	12.89	13.00	12.82	13.00	15.64	16.00
	157	5785	12.55	13.00	12.49	13.00	15.24	16.00
	165	5825	12.59	13.00	12.59	13.00	15.17	16.00
802.11ax HE40	151	5755	12.76	13.00	12.66	13.00	15.54	16.00
	159	5795	12.88	13.00	12.79	13.00	15.42	16.00
802.11ax HE80	155	5775	12.66	13.00	12.56	13.00	15.42	16.00

WLAN 6.2 GHz								
Mode	Channel	Frequency (MHz)	Main		Aux		MIMO	
			Average power (dBm)	Tune-Up Limit (dBm)	Average power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)
802.11a	1	5955	0.69	1.00	0.49	1.00	3.49	4.00
	45	6175	0.37	1.00	0.71	1.00	3.40	4.00
	93	6415	0.55	1.00	0.75	1.00	3.54	4.00
802.11ax HE20	1	5955	0.89	1.00	0.91	1.00	3.45	4.00
	45	6175	0.79	1.00	0.84	1.00	3.56	4.00
	93	6415	0.81	1.00	0.89	1.00	3.55	4.00
802.11ax HE40	3	5965	3.41	3.50	2.49	3.50	5.61	6.50
	43	6165	3.35	3.50	3.44	3.50	6.29	6.50
	91	6405	3.44	3.50	3.39	3.50	6.03	6.50
802.11ax HE80	7	5985	6.12	7.00	6.41	7.00	8.97	10.00
	39	6145	6.21	7.00	6.89	7.00	9.11	10.00
	87	6385	6.77	7.00	6.88	7.00	9.49	10.00
802.11ax HE160	15	6025	8.37	8.50	8.21	8.50	10.89	11.50
	47	6185	8.47	8.50	8.32	8.50	11.04	11.50
	79	6345	8.48	8.50	8.33	8.50	11.14	11.50

WLAN 6.5 GHz								
Mode	Channel	Frequency (MHz)	Main		Aux		MIMO	
			Average power (dBm)	Tune-Up Limit (dBm)	Average power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)
802.11a	97	6435	1.39	1.50	0.38	1.50	3.45	4.50
	105	6475	0.81	1.50	1.10	1.50	3.70	4.50
	113	6515	1.11	1.50	0.77	1.50	3.84	4.50
802.11ax HE20	97	6435	1.42	1.50	1.34	1.50	4.18	4.50
	105	6475	1.41	1.50	1.25	1.50	4.19	4.50
	113	6515	1.39	1.50	1.33	1.50	4.13	4.50
802.11ax HE40	99	6445	3.81	4.00	3.65	4.00	6.60	7.00
	107	6485	3.85	4.00	3.71	4.00	6.52	7.00
802.11ax HE80	103	6465	6.85	7.00	6.62	7.00	9.50	10.00
802.11ax HE80	119	6545	6.88	7.00	6.72	7.00	9.34	10.00
802.11ax HE160	111	6505	8.83	9.00	8.72	9.00	11.68	12.00



WLAN 6.7 GHz								
Mode	Channel	Frequency (MHz)	Main		Aux		MIMO	
			Average power (dBm)	Tune-Up Limit (dBm)	Average power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)
802.11a	117	6535	0.80	1.50	0.69	1.50	3.36	4.50
	149	6695	0.76	1.50	0.77	1.50	3.61	4.50
	181	6855	0.56	1.50	0.44	1.50	3.16	4.50
802.11ax HE20	117	6535	1.38	1.50	0.81	1.50	3.70	4.50
	149	6695	0.81	1.50	1.25	1.50	3.71	4.50
	181	6855	0.92	1.50	1.05	1.50	3.83	4.50
802.11ax HE40	115	6525	3.84	4.00	3.62	4.00	6.28	7.00
	147	6685	3.85	4.00	3.59	4.00	6.41	7.00
	179	6845	3.25	4.00	3.38	4.00	5.99	7.00
802.11ac VHT80	135	6625	6.79	7.00	6.78	7.00	9.64	10.00
	151	6705	6.21	7.00	6.05	7.00	8.84	10.00
	167	6785	6.45	7.00	6.11	7.00	9.15	10.00
	183	6865	6.33	7.00	6.42	7.00	9.15	10.00
802.11ax HE160	143	6665	8.12	8.50	8.25	8.50	11.07	11.50
	175	6825	8.41	8.50	8.29	8.50	11.19	11.50

WLAN 7.0 GHz								
Mode	Channel	Frequency (MHz)	Main		Aux		MIMO	
			Average power (dBm)	Tune-Up Limit (dBm)	Average power (dBm)	Tune-Up Limit (dBm)	Average Power (dBm)	Tune-Up Limit (dBm)
802.11a	185	6875	1.29	2.00	0.88	2.00	3.92	4.90
	209	6995	1.10	2.00	0.91	2.00	3.69	4.90
	233	7115	0.55	2.00	1.43	2.00	3.72	4.90
802.11ax HE20	185	6875	1.62	2.00	1.82	2.00	4.39	4.90
	209	6995	1.88	2.00	1.81	2.00	4.51	4.90
	233	7115	1.34	2.00	1.88	2.00	4.21	4.90
802.11ax HE40	187	6885	4.15	4.50	3.56	4.50	6.61	7.50
	211	7005	3.56	4.50	4.23	4.50	6.73	7.50
	227	7085	4.25	4.50	3.84	4.50	6.60	7.50
802.11ax HE80	199	6945	7.12	7.50	7.12	7.50	9.90	10.50
	215	7025	6.28	7.50	7.45	7.50	9.47	10.50
802.11ax HE160	207	6985	8.81	9.00	8.56	9.00	11.46	12.00

Bluetooth BR / EDR					
Band	Channel	Frequency (MHz)	Aux		
			Peak power (dBm)	Average power (dBm)	Tune up Limit (dBm)
Bluetooth BR GFSK	0	2402	12.11	10.87	11.50
	39	2441	12.34	10.71	11.50
	78	2480	12.52	10.99	11.50
Bluetooth EDR $\pi/4$ -DQPSK	0	2402	10.63	7.47	8.50
	39	2441	10.58	7.43	8.50
	78	2480	10.50	7.38	8.50
Bluetooth EDR 8DPSK	0	2402	10.85	7.63	8.50
	39	2441	10.77	7.56	8.50
	78	2480	10.65	7.52	8.50

Bluetooth LE					
Band	Channel	Frequency (MHz)	Aux		
			Peak power (dBm)	Average power (dBm)	Tune up Limit (dBm)
Bluetooth LE 1M	0	2402	11.77	10.87	11.50
	19	2440	11.57	10.65	11.50
	39	2480	11.40	10.55	11.50
Bluetooth LE 2M	1	2404	12.75	10.24	11.50
	19	2440	12.68	10.15	11.50
	38	2478	12.48	10.01	11.50

**802.11ax RU WLAN Output Power**

WLAN 2.4 GHz										
Mode	Channel	Frequency (MHz)	RU config.	Main		Aux		MIMO		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) MIMO	Tune-Up Limit	
802.11ax HE20	1	2412	26/0	14.00	14.50	14.06	14.50	16.71	17.50	
			26/4	13.86	14.50	13.99	14.50	16.65	17.50	
			26/8	13.84	14.50	13.98	14.50	16.69	17.50	
			52/37	13.92	14.50	14.32	14.50	16.79	17.50	
			52/38	13.83	14.50	14.05	14.50	16.67	17.50	
			52/40	13.83	14.50	14.02	14.50	16.67	17.50	
			106/53	13.87	14.50	14.32	14.50	16.70	17.50	
			106/54	13.86	14.50	14.05	14.50	16.67	17.50	
	6	2437	26/0	14.16	14.50	14.20	14.50	16.99	17.50	
			26/4	14.12	14.50	13.98	14.50	16.89	17.50	
			26/8	14.14	14.50	14.00	14.50	16.82	17.50	
			52/37	14.18	14.50	14.30	14.50	16.95	17.50	
			52/38	14.13	14.50	14.00	14.50	16.87	17.50	
			52/40	14.14	14.50	13.97	14.50	16.81	17.50	
			106/53	14.24	14.50	14.03	14.50	16.90	17.50	
			106/54	14.14	14.50	13.97	14.50	16.83	17.50	
	11	2462	26/0	14.00	14.50	14.44	14.50	17.04	17.50	
			26/4	13.98	14.50	13.94	14.50	16.93	17.50	
			26/8	13.94	14.50	13.95	14.50	17.00	17.50	
			52/37	14.22	14.50	14.03	14.50	17.01	17.50	
			52/38	13.98	14.50	14.02	14.50	16.94	17.50	
			52/40	13.91	14.50	14.02	14.50	17.00	17.50	
			106/53	14.25	14.50	14.14	14.50	17.02	17.50	
			106/54	13.99	14.50	14.02	14.50	16.92	17.50	
	12	2467	26/0	13.45	14.00	13.55	14.00	16.46	17.00	
			26/4	13.34	14.00	13.45	14.00	16.37	17.00	
			26/8	13.32	14.00	13.46	14.00	16.41	17.00	
			52/37	13.37	14.00	13.86	14.00	16.57	17.00	
			52/38	13.33	14.00	13.43	14.00	16.44	17.00	
			52/40	13.35	14.00	13.46	14.00	16.45	17.00	
			106/53	13.55	14.00	13.52	14.00	16.56	17.00	
			106/54	13.33	14.00	13.50	14.00	16.42	17.00	
	13	2472	26/0	9.56	10.00	9.41	10.00	12.15	13.00	
			26/4	9.48	10.00	9.38	10.00	12.13	13.00	
			26/8	9.55	10.00	9.37	10.00	12.07	13.00	
			52/37	9.72	10.00	9.43	10.00	12.25	13.00	
			52/38	9.55	10.00	9.36	10.00	12.07	13.00	
			52/40	9.49	10.00	9.38	10.00	12.13	13.00	
			106/53	9.66	10.00	9.44	10.00	12.19	13.00	
			106/54	9.48	10.00	9.36	10.00	12.10	13.00	
	802.11ax HE40	3	2422	26/0	14.03	14.50	14.03	14.50	16.72	17.50
				26/4	13.98	14.50	14.01	14.50	16.70	17.50
				26/8	13.98	14.50	14.04	14.50	16.72	17.50
				52/37	14.03	14.50	14.02	14.50	16.69	17.50
				52/38	13.99	14.50	14.03	14.50	16.71	17.50
				52/40	14.02	14.50	14.04	14.50	16.72	17.50
				106/53	14.05	14.50	14.06	14.50	16.74	17.50
				106/54	13.98	14.50	14.09	14.50	16.69	17.50
6		2437	26/0	13.82	14.50	14.10	14.50	16.88	17.50	
			26/4	13.86	14.50	14.12	14.50	16.88	17.50	
			26/8	13.87	14.50	14.09	14.50	16.83	17.50	
			52/37	13.86	14.50	14.11	14.50	16.85	17.50	
			52/38	13.84	14.50	14.13	14.50	16.87	17.50	
			52/40	13.83	14.50	14.16	14.50	16.88	17.50	
			106/53	13.80	14.50	14.14	14.50	16.81	17.50	
			106/54	13.84	14.50	14.09	14.50	16.87	17.50	
9		2452	26/0	13.88	14.50	13.94	14.50	16.56	17.50	
			26/4	13.93	14.50	13.98	14.50	16.58	17.50	
			26/8	13.88	14.50	13.95	14.50	16.55	17.50	
			52/37	13.89	14.50	13.99	14.50	16.56	17.50	
			52/38	13.91	14.50	13.96	14.50	16.57	17.50	
			52/40	13.89	14.50	13.93	14.50	16.57	17.50	
			106/53	13.88	14.50	13.96	14.50	16.57	17.50	
			106/54	13.89	14.50	13.96	14.50	16.56	17.50	
10		2457	26/0	11.93	12.50	11.96	12.50	14.82	15.50	
			26/4	11.93	12.50	12.01	12.50	14.78	15.50	
			26/8	11.89	12.50	11.99	12.50	14.79	15.50	
			52/37	11.90	12.50	11.93	12.50	14.77	15.50	
			52/38	11.88	12.50	11.97	12.50	14.78	15.50	
			52/40	11.89	12.50	11.95	12.50	14.81	15.50	
			106/53	11.86	12.50	12.00	12.50	14.74	15.50	
			106/54	11.88	12.50	12.01	12.50	14.79	15.50	
11		2462	26/0	9.60	10.00	9.68	10.00	12.46	13.00	
			26/4	9.65	10.00	9.70	10.00	12.46	13.00	
			26/8	9.67	10.00	9.75	10.00	12.45	13.00	
			52/37	9.67	10.00	9.70	10.00	12.47	13.00	
			52/38	9.62	10.00	9.72	10.00	12.45	13.00	
			52/40	9.64	10.00	9.68	10.00	12.43	13.00	
			106/53	9.61	10.00	9.68	10.00	12.49	13.00	
			106/54	9.63	10.00	9.75	10.00	12.44	13.00	

**802.11ax RU WLAN Output Power**

WLAN 5.2 GHz									
Mode	Channel	Frequency (MHz)	RU config.	Main		Aux		MIMO	
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) MIMO	Tune-Up Limit
802.11ax HE20	36	5180	26/0	12.20	13.50	12.16	13.50	15.16	16.50
			26/4	12.08	13.50	12.15	13.50	15.05	16.50
			26/8	12.08	13.50	12.12	13.50	15.09	16.50
			52/37	13.64	14.00	13.47	14.00	16.09	17.00
			52/38	13.51	14.00	13.34	14.00	16.08	17.00
			52/40	13.46	14.00	13.37	14.00	16.03	17.00
			106/53	13.53	14.00	13.43	14.00	16.12	17.00
			106/54	13.45	14.00	13.42	14.00	16.01	17.00
	40	5200	26/0	12.11	13.50	12.08	13.50	15.20	16.50
			26/4	12.08	13.50	11.94	13.50	15.11	16.50
			26/8	12.01	13.50	11.90	13.50	15.12	16.50
			52/37	13.49	14.00	13.48	14.00	16.22	17.00
			52/38	13.47	14.00	13.34	14.00	16.13	17.00
			52/40	13.43	14.00	13.32	14.00	16.17	17.00
			106/53	13.50	14.00	13.40	14.00	16.23	17.00
			106/54	13.48	14.00	13.31	14.00	16.17	17.00
	44	5220	26/0	12.23	13.50	12.14	13.50	15.23	16.50
			26/4	12.10	13.50	12.03	13.50	15.19	16.50
			26/8	12.11	13.50	12.03	13.50	15.16	16.50
			52/37	13.56	14.00	13.53	14.00	16.23	17.00
			52/38	13.55	14.00	13.45	14.00	16.13	17.00
			52/40	13.48	14.00	13.46	14.00	16.19	17.00
			106/53	13.56	14.00	13.54	14.00	16.22	17.00
			106/54	13.47	14.00	13.46	14.00	16.18	17.00
	48	5240	26/0	12.18	13.50	12.07	13.50	15.21	16.50
			26/4	12.01	13.50	11.99	13.50	15.14	16.50
			26/8	12.05	13.50	12.13	13.50	15.05	16.50
			52/37	13.52	14.00	13.54	14.00	16.34	17.00
			52/38	13.41	14.00	13.50	14.00	16.05	17.00
			52/40	13.46	14.00	13.44	14.00	16.00	17.00
			106/53	13.48	14.00	13.51	14.00	16.06	17.00
			106/54	13.44	14.00	13.43	14.00	15.99	17.00

**802.11ax RU WLAN Output Power**

WLAN 5.3 GHz									
Mode	Channel	Frequency (MHz)	RU config.	Main		Aux		MIMO	
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) MIMO	Tune-Up Limit
802.11ax HE20	52	5260	26/0	11.68	13.00	11.91	13.00	14.64	16.00
			26/4	11.53	13.00	11.85	13.00	14.49	16.00
			26/8	11.51	13.00	11.81	13.00	14.53	16.00
			52/37	13.53	14.00	13.55	14.00	16.13	17.00
			52/38	13.33	14.00	13.50	14.00	16.07	17.00
			52/40	13.34	14.00	13.42	14.00	16.07	17.00
			106/53	13.40	14.00	13.51	14.00	16.13	17.00
			106/54	13.35	14.00	13.50	14.00	16.11	17.00
	56	5280	26/0	11.60	13.00	11.94	13.00	14.86	16.00
			26/4	11.47	13.00	11.90	13.00	14.74	16.00
			26/8	11.42	13.00	11.94	13.00	14.76	16.00
			52/37	13.67	14.00	13.61	14.00	16.50	17.00
			52/38	13.32	14.00	13.55	14.00	16.34	17.00
			52/40	13.31	14.00	13.57	14.00	16.37	17.00
			106/53	13.37	14.00	13.65	14.00	16.42	17.00
			106/54	13.28	14.00	13.57	14.00	16.33	17.00
	60	5300	26/0	11.54	13.00	11.77	13.00	14.40	16.00
			26/4	11.55	13.00	11.69	13.00	14.36	16.00
			26/8	11.56	13.00	11.67	13.00	14.33	16.00
			52/37	13.48	14.00	13.49	14.00	16.00	17.00
			52/38	13.36	14.00	13.32	14.00	15.97	17.00
			52/40	13.39	14.00	13.32	14.00	15.95	17.00
			106/53	13.49	14.00	13.44	14.00	16.08	17.00
			106/54	13.41	14.00	13.34	14.00	15.93	17.00
	64	5320	26/0	11.58	13.00	11.91	13.00	14.72	16.00
			26/4	11.53	13.00	11.80	13.00	14.63	16.00
			26/8	11.57	13.00	11.76	13.00	14.67	16.00
			52/37	13.55	14.00	13.44	14.00	16.40	17.00
			52/38	13.39	14.00	13.35	14.00	16.26	17.00
			52/40	13.40	14.00	13.43	14.00	16.23	17.00
			106/53	13.51	14.00	13.51	14.00	16.29	17.00
			106/54	13.41	14.00	13.35	14.00	16.22	17.00

**802.11ax RU WLAN Output Power**

WLAN 5.6 GHz									
Mode	Channel	Frequency (MHz)	RU config.	Main		Aux		MIMO	
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) MIMO	Tune-Up Limit
802.11ax HE20	100	5500	26/0	11.56	13.00	11.78	13.00	14.25	16.00
			26/4	11.54	13.00	11.52	13.00	14.16	16.00
			26/8	11.55	13.00	11.48	13.00	14.18	16.00
			52/37	12.79	13.00	12.71	13.00	15.40	16.00
			52/38	12.51	13.00	12.49	13.00	15.10	16.00
			52/40	12.58	13.00	12.46	13.00	15.11	16.00
			106/53	12.67	13.00	12.55	13.00	15.35	16.00
			106/54	12.54	13.00	12.51	13.00	15.16	16.00
	116	5580	26/0	11.57	13.00	11.55	13.00	14.41	16.00
			26/4	11.49	13.00	11.50	13.00	14.33	16.00
			26/8	11.51	13.00	11.46	13.00	14.34	16.00
			52/37	12.61	13.00	12.73	13.00	15.44	16.00
			52/38	12.51	13.00	12.45	13.00	15.30	16.00
			52/40	12.51	13.00	12.49	13.00	15.22	16.00
			106/53	12.61	13.00	12.66	13.00	15.31	16.00
			106/54	12.54	13.00	12.52	13.00	15.24	16.00
	124	5620	26/0	11.59	13.00	11.51	13.00	14.16	16.00
			26/4	11.49	13.00	11.43	13.00	14.10	16.00
			26/8	11.53	13.00	11.51	13.00	14.07	16.00
			52/37	12.59	13.00	12.53	13.00	15.23	16.00
			52/38	12.50	13.00	12.48	13.00	15.07	16.00
			52/40	12.52	13.00	12.46	13.00	15.04	16.00
			106/53	12.65	13.00	12.62	13.00	15.13	16.00
			106/54	12.55	13.00	12.48	13.00	15.07	16.00
	132	5660	26/0	11.56	13.00	11.66	13.00	14.38	16.00
			26/4	11.32	13.00	11.52	13.00	14.11	16.00
			26/8	11.26	13.00	11.57	13.00	14.20	16.00
			52/37	12.69	13.00	12.58	13.00	15.12	16.00
			52/38	12.32	13.00	12.57	13.00	15.10	16.00
			52/40	12.34	13.00	12.52	13.00	15.08	16.00
			106/53	12.36	13.00	12.62	13.00	15.16	16.00
			106/54	12.34	13.00	12.56	13.00	15.03	16.00
	140	5700	26/0	11.45	13.00	11.48	13.00	14.19	16.00
			26/4	11.43	13.00	11.41	13.00	14.16	16.00
			26/8	11.34	13.00	11.42	13.00	14.09	16.00
			52/37	12.50	13.00	12.45	13.00	15.14	16.00
			52/38	12.45	13.00	12.36	13.00	15.05	16.00
			52/40	12.44	13.00	12.38	13.00	15.07	16.00
			106/53	12.52	13.00	12.52	13.00	15.09	16.00
			106/54	12.40	13.00	12.37	13.00	15.00	16.00
	144	5720	26/0	11.53	13.00	11.42	13.00	14.10	16.00
			26/4	11.52	13.00	11.26	13.00	14.02	16.00
			26/8	11.53	13.00	11.28	13.00	14.10	16.00
			52/37	12.55	13.00	12.59	13.00	15.06	16.00
			52/38	12.47	13.00	12.28	13.00	14.93	16.00
			52/40	12.51	13.00	12.30	13.00	14.97	16.00
			106/53	12.63	13.00	12.36	13.00	15.28	16.00
			106/54	12.49	13.00	12.31	13.00	14.94	16.00

**802.11ax RU WLAN Output Power**

WLAN 5.8 GHz										
Mode	Channel	Frequency (MHz)	RU config.	Main		Aux		MIMO		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) MIMO	Tune-Up Limit	
802.11ax HE20	149	5745	26/0	12.83	13.00	12.54	13.00	15.60	16.00	
			26/4	12.63	13.00	12.48	13.00	15.58	16.00	
			26/8	12.65	13.00	12.53	13.00	15.59	16.00	
			52/37	12.68	13.00	12.80	13.00	15.64	16.00	
			52/38	12.61	13.00	12.50	13.00	15.51	16.00	
			52/40	12.61	13.00	12.45	13.00	15.54	16.00	
			106/53	12.82	13.00	12.82	13.00	15.61	16.00	
				106/54	12.64	13.00	12.51	13.00	15.57	16.00
		157	5785	26/0	12.51	13.00	12.44	13.00	12.24	16.00
	26/4			12.43	13.00	12.36	13.00	12.21	16.00	
	26/8			12.40	13.00	12.38	13.00	12.18	16.00	
	52/37			12.48	13.00	12.41	13.00	15.13	16.00	
	52/38			12.43	13.00	12.36	13.00	12.20	16.00	
	52/40			12.35	13.00	12.37	13.00	12.18	16.00	
	106/53			12.44	13.00	12.49	13.00	15.24	16.00	
				106/54	12.42	13.00	12.34	13.00	12.22	16.00
		165	5825	26/0	12.59	13.00	12.56	13.00	15.01	16.00
	26/4			12.51	13.00	12.34	13.00	14.97	16.00	
	26/8			12.46	13.00	12.31	13.00	14.97	16.00	
	52/37			12.57	13.00	12.40	13.00	15.17	16.00	
	52/38			12.52	13.00	12.36	13.00	14.96	16.00	
	52/40			12.51	13.00	12.38	13.00	14.99	16.00	
	106/53			12.53	13.00	12.58	13.00	15.16	16.00	
				106/54	12.52	13.00	12.33	13.00	14.98	16.00



**802.11ax RU WLAN Output Power**

WLAN 6.2 GHz										
Mode	Channel	Frequency (MHz)	RU config.	Main		Aux		MIMO		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) MIMO	Tune-Up Limit	
802.11ax HE20	1	5955	26/0	-6.84	-6.50	-7.13	-6.50	-3.99	-3.50	
			26/4	-6.85	-6.50	-7.16	-6.50	-3.98	-3.50	
			26/8	-6.83	-6.50	-7.14	-6.50	-3.99	-3.50	
			52/37	-5.84	-5.50	-5.79	-5.50	-2.80	-2.50	
			52/38	-5.86	-5.50	-5.79	-5.50	-2.82	-2.50	
			52/40	-5.87	-5.50	-5.78	-5.50	-2.80	-2.50	
			106/53	-2.32	-1.00	-1.30	-1.00	1.22	2.00	
				106/54	-2.35	-1.00	-1.27	-1.00	1.23	2.00
		45	6175	26/0	-6.81	-6.50	-7.13	-6.50	-3.97	-3.50
	26/4			-6.83	-6.50	-7.13	-6.50	-3.99	-3.50	
	26/8			-6.81	-6.50	-7.14	-6.50	-3.98	-3.50	
	52/37			-5.84	-5.50	-5.78	-5.50	-2.80	-2.50	
	52/38			-5.85	-5.50	-5.75	-5.50	-2.81	-2.50	
	52/40			-5.85	-5.50	-5.79	-5.50	-2.80	-2.50	
	106/53			-2.63	-1.00	-1.28	-1.00	1.14	2.00	
				106/54	-2.62	-1.00	-1.28	-1.00	1.14	2.00
		93	6415	26/0	-7.87	-6.50	-6.60	-6.50	-4.16	-3.50
	26/4			-7.85	-6.50	-6.57	-6.50	-4.18	-3.50	
	26/8			-7.85	-6.50	-6.59	-6.50	-4.14	-3.50	
	52/37			-5.87	-5.50	-5.75	-5.50	-2.79	-2.50	
	52/38			-5.83	-5.50	-5.79	-5.50	-2.82	-2.50	
	52/40			-5.83	-5.50	-5.76	-5.50	-2.79	-2.50	
	106/53			-2.63	-1.00	-0.91	-0.50	1.34	2.00	
				106/54	-2.60	-1.00	-0.90	-0.50	1.33	2.00

**802.11ax RU WLAN Output Power**

WLAN 6.5 GHz									
Mode	Channel	Frequency (MHz)	RU config.	Main		Aux		MIMO	
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) MIMO	Tune-Up Limit
802.11ax HE20	97	6435	26/0	-7.03	-6.50	-7.36	-6.50	-4.22	-3.50
			26/4	-7.01	-6.50	-7.39	-6.50	-4.21	-3.50
			26/8	-7.00	-6.50	-7.38	-6.50	-4.23	-3.50
			52/37	-5.84	-5.50	-5.75	-5.50	-2.83	-2.50
			52/38	-5.86	-5.50	-5.75	-5.50	-2.84	-2.50
			52/40	-5.83	-5.50	-5.78	-5.50	-2.84	-2.50
			106/53	-1.38	-1.00	-1.78	-1.00	1.43	2.00
	106/54	-1.38	-1.00	-1.79	-1.00	1.41	2.00		
	105	6475	26/0	-7.02	-6.50	-7.35	-6.50	-4.18	-3.50
			26/4	-7.01	-6.50	-7.39	-6.50	-4.21	-3.50
			26/8	-7.02	-6.50	-7.35	-6.50	-4.20	-3.50
			52/37	-5.85	-5.50	-5.76	-5.50	-2.84	-3.50
			52/38	-5.83	-5.50	-5.75	-5.50	-2.79	-3.50
			52/40	-5.85	-5.50	-5.76	-5.50	-2.81	-3.50
			106/53	-1.40	-1.00	-1.79	-1.00	1.42	2.00
	106/54	-1.38	-1.00	-1.78	-1.00	1.39	2.00		
	113	6515	26/0	-6.99	-6.50	-7.39	-6.50	-4.22	-3.50
			26/4	-7.03	-6.50	-7.38	-6.50	-4.20	-3.50
			26/8	-7.00	-6.50	-7.37	-6.50	-4.18	-3.50
			52/37	-5.86	-5.50	-5.76	-5.50	-2.82	-2.50
			52/38	-5.83	-5.50	-5.76	-5.50	-2.81	-2.50
			52/40	-5.84	-5.50	-5.79	-5.50	-2.80	-2.50
			106/53	-1.40	-1.00	-1.79	-1.00	1.41	2.00
	106/54	-1.42	-1.00	-1.80	-1.00	1.40	2.00		

**802.11ax RU WLAN Output Power**

WLAN 6.7 GHz									
Mode	Channel	Frequency (MHz)	RU config.	Main		Aux		MIMO	
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) MIMO	Tune-Up Limit
802.11ax HE20	117	6535	26/0	-7.37	-6.50	-6.87	-6.50	-4.12	-3.50
			26/4	-7.38	-6.50	-6.89	-6.50	-4.12	-3.50
			26/8	-7.36	-6.50	-6.89	-6.50	-4.14	-3.50
			52/37	-5.83	-5.50	-5.79	-5.50	-2.84	-2.50
			52/38	-5.85	-5.50	-5.76	-5.50	-2.79	-2.50
			52/40	-5.87	-5.50	-5.77	-5.50	-2.82	-2.50
			106/53	-1.64	-1.00	-1.73	-1.00	1.33	2.00
	106/54	-1.68	-1.00	-1.72	-1.00	1.27	2.00		
	149	6695	26/0	-7.43	-6.50	-7.05	-6.50	-4.30	-3.50
			26/4	-7.40	-6.50	-7.03	-6.50	-4.22	-3.50
			26/8	-7.42	-6.50	-7.07	-6.50	-4.24	-3.50
			52/37	-5.84	-5.50	-5.78	-5.50	-2.88	-2.50
			52/38	-5.85	-5.50	-5.77	-5.50	-2.84	-2.50
			52/40	-5.85	-5.50	-5.75	-5.50	-2.84	-2.50
			106/53	-1.68	-1.00	-2.14	-1.00	1.11	2.00
	106/54	-1.66	-1.00	-2.15	-1.00	1.03	2.00		
	181	6855	26/0	-7.42	-6.50	-7.05	-6.50	-4.23	-3.50
			26/4	-7.40	-6.50	-7.06	-6.50	-4.29	-3.50
			26/8	-7.42	-6.50	-7.04	-6.50	-4.23	-3.50
			52/37	-5.87	-5.50	-5.79	-5.50	-2.87	-2.50
			52/38	-5.84	-5.50	-5.75	-5.50	-2.82	-2.50
			52/40	-5.83	-5.50	-5.76	-5.50	-2.81	-2.50
			106/53	-1.53	-1.00	-2.13	-1.00	1.14	2.00
	106/54	-1.50	-1.00	-2.16	-1.00	1.13	2.00		

**802.11ax RU WLAN Output Power**

WLAN 7.0 GHz									
Mode	Channel	Frequency (MHz)	RU config.	Main		Aux		MIMO	
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm) MIMO	Tune-Up Limit
802.11ax HE20	185	6875	26/0	-9.19	-9.00	-8.42	-9.00	-5.78	-6.00
			26/4	-9.19	-9.00	-8.43	-9.00	-5.83	-6.00
			26/8	-9.20	-9.00	-8.44	-9.00	-5.82	-6.00
			52/37	-5.83	-5.50	-5.78	-5.50	-2.80	-2.50
			52/38	-5.83	-5.50	-5.76	-5.50	-2.86	-2.50
			52/40	-5.85	-5.50	-5.79	-5.50	-2.86	-2.50
			106/53	-4.62	-3.50	-3.84	-3.50	-1.20	-0.50
	106/54	-4.62	-3.50	-3.83	-3.50	-1.28	-0.50		
	209	6995	26/0	-9.22	-9.00	-8.44	-9.00	-5.86	-6.00
			26/4	-9.22	-9.00	-8.41	-9.00	-5.84	-6.00
			26/8	-9.21	-9.00	-8.40	-9.00	-5.78	-6.00
			52/37	-5.87	-5.50	-5.77	-5.50	-2.84	-2.50
			52/38	-5.86	-5.50	-5.79	-5.50	-2.82	-2.50
			52/40	-5.87	-5.50	-5.79	-5.50	-2.87	-2.50
			106/53	-4.64	-3.50	-3.85	-3.50	-1.30	-0.50
	106/54	-4.65	-3.50	-3.86	-3.50	-1.30	-0.50		
	233	7115	26/0	-9.18	-9.00	-8.43	-9.00	-5.81	-6.00
			26/4	-9.19	-9.00	-8.42	-9.00	-5.80	-6.00
			26/8	-9.20	-9.00	-8.40	-9.00	-5.79	-6.00
			52/37	-5.84	-5.50	-5.75	-5.50	-2.82	-2.50
			52/38	-5.85	-5.50	-5.77	-5.50	-2.80	-2.50
			52/40	-5.86	-5.50	-5.76	-5.50	-2.87	-2.50
			106/53	-4.65	-3.50	-3.83	-3.50	-1.29	-0.50
	106/54	-4.64	-3.50	-3.85	-3.50	-1.22	-0.50		