

Appendix A. Test Data

Duty cycle						
Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11ax_20	5955	3.900	3.905	99.87	0.01	0.26
802.11ax_40	5965	3.900	3.920	99.49	0.02	0.26
802.11ax_80	5985	1.905	1.910	99.74	0.01	0.52
802.11ax_160	6025	0.975	1.000	97.50	0.11	1.03

RF power setting in Test SW

Mode	CH	Frequency (MHz)		Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ax HE20	1	5955	full	5.5	-	-	-	Command
	45	6175	full	5.5	-	-	-	
	93	6415	full	5	-	-	-	
	97	6435	full	5.5	-	-	-	
	105	6475	full	6	-	-	-	
	113	6515	full	6.5	-	-	-	
	117	6535	full	7	-	-	-	
	149	6695	full	7	-	-	-	
	181	6855	full	7.5	-	-	-	
	185	6875	full	7.5	-	-	-	
	189	6895	full	7.5	-	-	-	
	209	6995	full	8	-	-	-	
	233	7115	full	-3	-	-	-	
802.11ax HE40	3	5965	full	8	-	-	-	Command
	43	6165	full	8	-	-	-	
	91	6405	full	8	-	-	-	
	99	6445	full	8	-	-	-	
	107	6485	full	9	-	-	-	
	115	6525	full	9	-	-	-	
	123	6565	full	9	-	-	-	
	147	6685	full	10	-	-	-	
	179	6845	full	10	-	-	-	
	187	6885	full	10	-	-	-	
	195	6925	full	10	-	-	-	
	211	7005	full	11	-	-	-	
	227	7085	full	11	-	-	-	
802.11ax HE80	7	5985	full	10.5	-	-	-	Command
	39	6145	full	10	-	-	-	
	87	6385	full	11	-	-	-	
	103	6465	full	11	-	-	-	
	119	6545	full	12	-	-	-	
	135	6625	full	11.5	-	-	-	
	151	6705	full	12.5	-	-	-	
	167	6785	full	12	-	-	-	
	183	6865	full	13	-	-	-	
	199	6945	full	12.5	-	-	-	
	215	7025	full	13.5	-	-	-	
802.11ax HE160	15	6025	full	17	-	-	-	Command
	79	6345	full	17	-	-	-	
	111	6505	full	17	-	-	-	
	143	6665	full	17	-	-	-	
	175	6825	full	17	-	-	-	
	207	6985	full	17	-	-	-	

Maximum Conducted Output Power Measurement

Band	CH	Freq. (MHz)		Measurement			
				Maximum Gain(dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm/MHz)
802.11ax HE20	1	5955	full	2.67	8.08	0.0064	24
	45	6175	full	2.67	9.03	0.0080	24
	93	6415	full	2.67	8.52	0.0071	24
	97	6435	full	2.67	9.07	0.0081	24
	105	6475	full	2.67	8.61	0.0073	24
	113	6515	full	2.67	9.82	0.0096	24
	117	6535	full	2.00	9.10	0.0081	24
	149	6695	full	2.00	8.69	0.0074	24
	181	6855	full	2.00	9.04	0.0080	24
	185	6875	full	2.00	9.40	0.0087	24
	189	6895	full	1.77	9.65	0.0092	24
	209	6995	full	1.77	9.12	0.0082	24
	233	7115	full	1.77	-4.22	0.0004	24
802.11ax HE40	3	5965	full	2.67	11.00	0.0126	24
	43	6165	full	2.67	11.83	0.0152	24
	91	6405	full	2.67	11.41	0.0138	24
	99	6445	full	2.67	11.40	0.0138	24
	107	6485	full	2.67	11.54	0.0143	24
	115	6525	full	2.67	12.13	0.0163	24
	123	6565	full	2.00	10.12	0.0103	24
	147	6685	full	2.00	11.68	0.0147	24
	179	6845	full	2.00	11.79	0.0151	24
	187	6885	full	1.77	12.14	0.0164	24
	195	6925	full	1.77	11.57	0.0144	24
	211	7005	full	1.77	12.18	0.0165	24
	227	7085	full	1.77	11.51	0.0142	24
802.11ax HE80	7	5985	full	2.67	13.36	0.0217	24
	39	6145	full	2.67	13.56	0.0227	24
	87	6385	full	2.67	14.51	0.0282	24
	103	6465	full	2.67	14.02	0.0252	24
	119	6545	full	2.00	14.02	0.0252	24
	135	6625	full	2.00	13.18	0.0208	24
	151	6705	full	2.00	14.49	0.0281	24
	167	6785	full	2.00	13.88	0.0244	24
	183	6865	full	2.00	15.08	0.0322	24
	199	6945	full	1.77	13.78	0.0239	24
	215	7025	full	1.77	14.08	0.0256	24
802.11ax HE160	15	6025	full	2.67	15.92	0.0391	24
	47	6185	full	2.67	16.30	0.0427	24
	79	6345	full	2.67	16.13	0.0410	24
	111	6505	full	2.67	15.33	0.0341	24
	143	6665	full	2.00	14.29	0.0269	24
	175	6825	full	2.00	14.64	0.0291	24
	207	6985	full	1.77	13.96	0.0249	24