

Appendix A. Test Data

Duty cycle						
Band	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11ax_20	5955	5.480	5.560	98.56	0.06	0.18
802.11ax_40	5965	5.500	5.640	97.52	0.11	0.18
802.11ax_80	5985	5.480	5.600	97.86	0.09	0.18
802.11ax_160	6025	5.500	5.620	97.86	0.09	0.18
802.11be_20	5955	5.505	5.595	98.39	0.07	0.18
802.11be_40	5965	5.480	5.620	97.51	0.11	0.18
802.11be_80	5985	5.505	5.640	97.61	0.11	0.18
802.11be_160	6025	5.490	5.625	97.60	0.11	0.18
802.11be_320	6105	5.475	5.565	98.38	0.07	0.18

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	1	1	1	1	QSPR 5.0-00202
	45	6175	full	1	1	1	1	
	93	6415	full	1	1	1	1	
	97	6435	full	1	1	1	1	
	105	6475	full	1	1	1	1	
	113	6515	full	1	1	1	1	
	117	6535	full	1.5	1.5	1.5	1.5	
	149	6695	full	1.5	1.5	1.5	1.5	
	181	6855	full	2	2	2	2	
	185	6875	full	2	2	2	2	
	189	6895	full	1.5	1.5	1.5	1.5	
	209	6995	full	1.5	1.5	1.5	1.5	
	229	7095	full	1.5	1.5	1.5	1.5	
	233	7115	full	-2	-2	-2	-2	
802.11ax HE40	3	5965	full	4	4	4	4	QSPR 5.0-00202
	43	6165	full	3.5	3.5	3.5	3.5	
	91	6405	full	3.5	3.5	3.5	3.5	
	99	6445	full	3.5	3.5	3.5	3.5	
	107	6485	full	3.5	3.5	3.5	3.5	
	115	6525	full	3.5	3.5	3.5	3.5	
	123	6565	full	3.5	3.5	3.5	3.5	
	147	6685	full	4	4	4	4	
	179	6845	full	4	4	4	4	
	187	6885	full	4	4	4	4	
	195	6925	full	4.5	4.5	4.5	4.5	
	211	7005	full	4.5	4.5	4.5	4.5	
802.11ax HE80	7	5985	full	6	6	6	6	QSPR 5.0-00202
	39	6145	full	6	6	6	6	
	87	6385	full	6	6	6	6	
	103	6465	full	6	6	6	6	
	119	6545	full	5.5	5.5	5.5	5.5	
	135	6625	full	6	6	6	6	
	151	6705	full	6	6	6	6	
	167	6785	full	6	6	6	6	
	183	6865	full	6.5	6.5	6.5	6.5	
	199	6945	full	6.5	6.5	6.5	6.5	
802.11ax HE160	215	7025	full	6.5	6.5	6.5	6.5	QSPR 5.0-00202
	15	6025	full	8.5	8.5	8.5	8.5	
	47	6185	full	9	9	9	9	
	79	6345	full	9	9	9	9	
	111	6505	full	8.5	8.5	8.5	8.5	
	143	6665	full	9	9	9	9	
	175	6825	full	9	9	9	9	
	207	6985	full	9.5	9.5	9.5	9.5	

Mode	CH	Frequency (MHz)	RU Config	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11be EHT20	1	5955	full	1	1	1	1	QSPR 5.0-00202
	45	6175	full	1	1	1	1	
	93	6415	full	1	1	1	1	
	97	6435	full	1	1	1	1	
	105	6475	full	1	1	1	1	
	113	6515	full	1	1	1	1	
	117	6535	full	1.5	1.5	1.5	1.5	
	149	6695	full	1.5	1.5	1.5	1.5	
	181	6855	full	2	2	2	2	
	185	6875	full	2	2	2	2	
	189	6895	full	1.5	1.5	1.5	1.5	
	209	6995	full	1.5	1.5	1.5	1.5	
802.11be EHT40	229	7095	full	1.5	1.5	1.5	1.5	QSPR 5.0-00202
	233	7115	full	-2	-2	-2	-2	
	3	5965	full	4	4	4	4	
	43	6165	full	3.5	3.5	3.5	3.5	
	91	6405	full	3.5	3.5	3.5	3.5	
	99	6445	full	3.5	3.5	3.5	3.5	
	107	6485	full	3.5	3.5	3.5	3.5	
	115	6525	full	3.5	3.5	3.5	3.5	
	123	6565	full	3.5	3.5	3.5	3.5	
	147	6685	full	4	4	4	4	
	179	6845	full	4	4	4	4	
	187	6885	full	4	4	4	4	
802.11be EHT80	195	6925	full	4.5	4.5	4.5	4.5	QSPR 5.0-00202
	211	7005	full	4.5	4.5	4.5	4.5	
	227	7085	full	4.5	4.5	4.5	4.5	
	7	5985	full	6	6	6	6	
	39	6145	full	6	6	6	6	
	87	6385	full	6	6	6	6	
	103	6465	full	6	6	6	6	
	119	6545	full	5.5	5.5	5.5	5.5	
	135	6625	full	6	6	6	6	
	151	6705	full	6	6	6	6	
802.11be EHT160	167	6785	full	6	6	6	6	QSPR 5.0-00202
	183	6865	full	6.5	6.5	6.5	6.5	
	199	6945	full	6.5	6.5	6.5	6.5	
	215	7025	full	6.5	6.5	6.5	6.5	
	15	6025	full	8.5	8.5	8.5	8.5	
	47	6185	full	9	9	9	9	
	79	6345	full	9	9	9	9	
802.11be EHT320	111	6505	full	8.5	8.5	8.5	8.5	QSPR 5.0-00202
	143	6665	full	9	9	9	9	
	175	6825	full	9	9	9	9	
	207	6985	full	9.5	9.5	9.5	9.5	
	31	6105	full	12	12	12	12	
	63	6265	full	12	12	12	12	
802.11be EHT320	95	6425	full	12	12	12	12	QSPR 5.0-00202
	127	6585	full	11.5	11.5	11.5	11.5	
	159	6745	full	11.5	11.5	11.5	11.5	
	191	6905	full	11.5	11.5	11.5	11.5	

Maximum Conducted Output Power Measurement												
Band	CH	Freq. (MHz)		Measurement								
				Ant-0	Ant-1	Ant-2	Ant-3	Total	Directional	EIRP	EIRP	Limit
				dBm	dBm	dBm	dBm	dBm	Gain(dBi)	(dBm)	(W)	(dBm)
802.11ax HE20	1	5955	full	0.18	0.55	-0.12	0.01	6.18	10.51	16.69	0.0467	30
	45	6175	full	-0.06	1.09	-0.02	-0.14	6.27	10.51	16.78	0.0476	30
	93	6415	full	0.12	1.49	-0.03	-0.33	6.39	10.51	16.90	0.0490	30
	97	6435	full	0.16	1.42	0.15	-0.20	6.45	10.51	16.96	0.0497	30
	105	6475	full	0.15	1.27	0.24	-0.17	6.43	10.51	16.94	0.0494	30
	113	6515	full	-0.22	1.99	-0.41	-0.43	6.38	10.51	16.89	0.0489	30
	117	6535	full	0.27	2.60	0.50	0.26	7.05	10.05	17.10	0.0513	30
	149	6695	full	0.15	2.77	0.18	0.22	7.01	10.05	17.06	0.0508	30
	181	6855	full	0.58	2.30	0.26	0.15	6.94	10.05	16.99	0.0500	30
	185	6875	full	0.59	2.29	0.14	0.05	6.89	10.05	16.94	0.0494	30
	189	6895	full	0.27	1.81	-0.12	-0.11	6.56	10.05	16.61	0.0458	30
	209	6995	full	0.28	1.01	0.26	0.20	6.47	10.05	16.52	0.0449	30
	229	7095	full	0.04	0.96	-0.06	-0.24	6.22	10.05	16.27	0.0424	30
	233	7115	full	-3.38	-2.76	-3.69	-3.60	2.68	10.05	12.73	0.0187	30
802.11ax HE40	3	5965	full	3.43	3.65	3.17	2.96	9.33	10.51	19.84	0.0964	30
	43	6165	full	2.50	3.70	2.60	2.56	8.89	10.51	19.40	0.0871	30
	91	6405	full	2.80	4.16	2.67	2.55	9.12	10.51	19.63	0.0918	30
	99	6445	full	2.98	4.32	3.09	2.69	9.34	10.51	19.85	0.0966	30
	107	6485	full	2.67	5.16	2.71	2.39	9.41	10.51	19.92	0.0982	30
	115	6525	full	2.63	4.99	2.74	2.40	9.35	10.51	19.86	0.0968	30
	123	6565	full	2.90	5.00	2.73	2.58	9.44	10.05	19.49	0.0889	30
	147	6685	full	3.22	5.47	3.29	3.21	9.93	10.05	19.98	0.0995	30
	179	6845	full	3.17	5.52	3.14	2.84	9.83	10.05	19.88	0.0973	30
	187	6885	full	3.31	4.78	3.21	3.09	9.68	10.05	19.73	0.0940	30
	195	6925	full	3.53	5.02	3.49	3.45	9.95	10.05	20.00	0.1000	30
	211	7005	full	3.72	4.50	3.70	3.57	9.91	10.05	19.96	0.0991	30
	227	7085	full	3.50	4.29	3.56	3.51	9.75	10.05	19.80	0.0955	30
	7	5985	full	6.27	6.67	6.32	6.15	12.38	10.51	22.89	0.1945	30
802.11ax HE80	39	6145	full	6.09	6.74	6.22	6.13	12.32	10.51	22.83	0.1919	30
	87	6385	full	6.11	7.54	6.08	6.08	12.52	10.51	23.03	0.2009	30
	103	6465	full	6.10	8.02	6.21	6.33	12.76	10.51	23.27	0.2123	30
	119	6545	full	5.35	7.89	5.54	5.46	12.22	10.51	22.73	0.1875	30
	135	6625	full	5.73	8.71	6.19	5.88	12.83	10.05	22.88	0.1941	30
	151	6705	full	5.84	8.70	6.00	5.97	12.83	10.05	22.88	0.1941	30
	167	6785	full	5.76	8.51	6.08	5.74	12.71	10.05	22.76	0.1888	30
	183	6865	full	6.39	8.12	6.37	6.44	12.92	10.05	22.97	0.1982	30
	199	6945	full	6.46	7.75	6.46	6.19	12.78	10.05	22.83	0.1919	30
	215	7025	full	6.32	7.31	6.35	6.29	12.61	10.05	22.66	0.1845	30
	15	6025	full	8.69	9.40	8.64	8.83	14.92	10.51	25.43	0.3491	30
	47	6185	full	8.79	10.18	8.79	9.18	15.29	10.51	25.80	0.3802	30
	79	6345	full	9.14	10.80	9.04	9.10	15.61	10.51	26.12	0.4093	30
	111	6505	full	8.47	11.11	8.72	8.87	15.45	10.51	25.96	0.3945	30
802.11ax HE160	143	6665	full	8.82	11.75	9.31	9.02	15.92	10.05	25.97	0.3954	30
	175	6825	full	9.07	11.23	8.97	8.98	15.70	10.05	25.75	0.3758	30
	207	6985	full	9.54	10.73	9.49	9.28	15.82	10.05	25.87	0.3864	30

Band	CH	Freq. (MHz)		Measurement								
				Ant-0	Ant-1	Ant-2	Ant-3	Total	Directional Gain(dBi)	EIRP (dBm)	EIRP (W)	Limit (dBm)
				dBm	dBm	dBm	dBm	dBm				
802.11be EHT20	1	5955	full	0.21	0.61	0.01	0.02	6.24	10.51	16.75	0.0473	30
	45	6175	full	0.05	1.19	0.06	-0.03	6.37	10.51	16.88	0.0488	30
	93	6415	full	0.23	1.56	0.05	-0.22	6.48	10.51	16.99	0.0500	30
	97	6435	full	0.22	1.45	0.21	-0.11	6.51	10.51	17.02	0.0504	30
	105	6475	full	0.18	1.33	0.26	-0.09	6.48	10.51	16.99	0.0500	30
	113	6515	full	-0.15	2.11	-0.3	-0.33	6.49	10.51	17.00	0.0501	30
	117	6535	full	0.33	2.66	0.51	0.31	7.09	10.05	17.14	0.0518	30
	149	6695	full	0.23	2.88	0.22	0.26	7.08	10.05	17.13	0.0516	30
	181	6855	full	0.59	2.33	0.28	0.29	6.98	10.05	17.03	0.0505	30
	185	6875	full	0.61	2.41	0.16	0.19	6.97	10.05	17.02	0.0504	30
	189	6895	full	0.32	1.83	0.02	0.03	6.64	10.05	16.69	0.0467	30
	209	6995	full	0.37	1.09	0.33	0.26	6.55	10.05	16.60	0.0457	30
	229	7095	full	0.13	1.06	0.03	-0.11	6.32	10.05	16.37	0.0434	30
802.11be EHT40	233	7115	full	-3.3	-2.66	-3.66	-3.55	2.75	10.05	12.80	0.0191	30
	3	5965	full	3.44	3.77	3.27	3.09	9.42	10.51	19.93	0.0984	30
	43	6165	full	2.64	3.84	2.62	2.68	9.00	10.51	19.51	0.0893	30
	91	6405	full	2.9	4.18	2.8	2.58	9.18	10.51	19.69	0.0931	30
	99	6445	full	3.06	4.41	3.15	2.72	9.40	10.51	19.91	0.0979	30
	107	6485	full	2.7	5.19	2.74	2.45	9.45	10.51	19.96	0.0991	30
	115	6525	full	2.68	5.02	2.76	2.52	9.40	10.51	19.91	0.0979	30
	123	6565	full	2.96	5.06	2.75	2.66	9.50	10.05	19.55	0.0902	30
	147	6685	full	3.23	5.58	3.41	3.35	10.03	10.05	20.08	0.1019	30
	179	6845	full	3.19	5.65	3.2	2.92	9.91	10.05	19.96	0.0991	30
	187	6885	full	3.35	4.88	3.24	3.17	9.74	10.05	19.79	0.0953	30
	195	6925	full	3.64	5.08	3.51	3.47	10.00	10.05	20.05	0.1012	30
	211	7005	full	3.73	4.62	3.79	3.65	9.99	10.05	20.04	0.1009	30
802.11be EHT80	227	7085	full	3.57	4.43	3.65	3.54	9.83	10.05	19.88	0.0973	30
	7	5985	full	6.28	6.78	6.38	6.15	12.42	10.51	22.93	0.1963	30
	39	6145	full	6.11	6.88	6.24	6.13	12.37	10.51	22.88	0.1941	30
	87	6385	full	6.24	7.64	6.13	6.14	12.61	10.51	23.12	0.2051	30
	103	6465	full	6.12	8.03	6.33	6.38	12.81	10.51	23.32	0.2148	30
	119	6545	full	5.37	7.98	5.65	5.53	12.30	10.51	22.81	0.1910	30
	135	6625	full	5.74	8.83	6.24	5.92	12.90	10.05	22.95	0.1972	30
	151	6705	full	5.88	8.73	6.13	6.07	12.90	10.05	22.95	0.1972	30
	167	6785	full	5.9	8.56	6.2	5.85	12.81	10.05	22.86	0.1932	30
	183	6865	full	6.53	8.23	6.49	6.47	13.02	10.05	23.07	0.2028	30
	199	6945	full	6.53	7.84	6.49	6.22	12.84	10.05	22.89	0.1945	30
	215	7025	full	6.35	7.43	6.43	6.35	12.69	10.05	22.74	0.1879	30
	802.11be EHT160	15	6025	full	8.77	9.5	8.76	8.85	15.00	10.51	25.51	0.3556
47		6185	full	8.91	10.24	8.92	9.25	15.39	10.51	25.90	0.3890	30
79		6345	full	9.18	10.86	9.15	9.18	15.68	10.51	26.19	0.4159	30
111		6505	full	8.58	11.19	8.72	8.9	15.51	10.51	26.02	0.3999	30
143		6665	full	8.96	11.83	9.42	9.03	16.01	10.05	26.06	0.4036	30
175		6825	full	9.2	11.3	9.04	9.05	15.78	10.05	25.83	0.3828	30
207		6985	full	9.63	10.77	9.53	9.38	15.88	10.05	25.93	0.3917	30
802.11be EHT320	31	6105	full	12.21	13.13	12.55	12.13	18.54	10.51	29.05	0.8035	30
	63	6265	full	12.22	14.02	12.58	12.18	18.84	10.51	29.35	0.8610	30
	95	6425	full	12.32	13.91	12.64	12.5	18.91	10.51	29.42	0.8750	30
	127	6585	full	11.62	14.17	11.71	11.72	18.47	10.51	28.98	0.7907	30
	159	6745	full	11.75	14.5	12.12	11.89	18.74	10.05	28.79	0.7568	30
	191	6905	full	11.71	13.41	11.85	11.88	18.29	10.05	28.34	0.6823	30

Power Spectral Density Measurement											
Band	CH	Freq. (MHz)		Measurement							
				Ant-0	Ant-1	Ant-2	Ant-3	Duty Factor	Directional	EIRP PSD	Limit
				dBm/MHz	dBm/MHz	dBm/MHz	dBm/MHz	(dB)	Gain(dBi)	(dBm/MHz)	(dBm/MHz)
802.11be EHT20	1	5955	full	-11.977	-11.758	-12.230	-12.084	0.07	10.51	4.592	5.00
	45	6175	full	-12.181	-11.308	-12.361	-12.299	0.07	10.51	4.585	5.00
	93	6415	full	-12.183	-11.068	-12.400	-12.535	0.07	10.51	4.594	5.00
	97	6435	full	-12.320	-11.161	-12.392	-12.387	0.07	10.51	4.568	5.00
	105	6475	full	-12.221	-11.127	-12.332	-12.553	0.07	10.51	4.579	5.00
	113	6515	full	-12.472	-10.399	-12.647	-12.596	0.07	10.51	4.682	5.00
	117	6535	full	-12.074	-9.938	-12.049	-12.025	0.07	10.05	4.723	5.00
	149	6695	full	-12.041	-9.455	-12.266	-12.211	0.07	10.05	4.823	5.00
	181	6855	full	-11.964	-9.862	-12.352	-12.248	0.07	10.05	4.663	5.00
	185	6875	full	-12.028	-9.992	-12.460	-12.205	0.07	10.05	4.589	5.00
	189	6895	full	-12.086	-10.372	-12.031	-12.025	0.07	10.05	4.577	5.00
	209	6995	full	-11.920	-10.918	-11.674	-11.774	0.07	10.05	4.587	5.00
	229	7095	full	-11.847	-10.844	-11.798	-11.924	0.07	10.05	4.561	5.00
802.11be EHT40	233	7115	full	-15.393	-14.643	-15.450	-15.459	0.07	10.05	0.918	5.00
	3	5965	full	-11.854	-11.519	-12.019	-12.071	0.11	10.51	4.780	5.00
	43	6165	full	-12.370	-11.091	-12.332	-12.012	0.11	10.51	4.721	5.00
	91	6405	full	-12.172	-11.139	-12.224	-12.465	0.11	10.51	4.672	5.00
	99	6445	full	-12.141	-11.131	-12.211	-12.441	0.11	10.51	4.690	5.00
	107	6485	full	-12.550	-10.238	-12.787	-12.734	0.11	10.51	4.705	5.00
	115	6525	full	-12.486	-10.361	-12.605	-12.599	0.11	10.51	4.741	5.00
	123	6565	full	-12.197	-10.199	-12.349	-12.415	0.11	10.05	4.496	5.00
	147	6685	full	-11.940	-9.841	-12.079	-12.029	0.11	10.05	4.819	5.00
	179	6845	full	-12.091	-10.281	-11.898	-12.330	0.11	10.05	4.610	5.00
	187	6885	full	-12.083	-10.422	-11.872	-12.034	0.11	10.05	4.635	5.00
	195	6925	full	-11.699	-10.351	-11.937	-11.987	0.11	10.05	4.741	5.00
	211	7005	full	-11.630	-10.665	-11.783	-11.764	0.11	10.05	4.746	5.00
802.11be EHT80	227	7085	full	-11.716	-10.714	-11.585	-11.769	0.11	10.05	4.756	5.00
	7	5985	full	-11.854	-11.368	-11.918	-12.082	0.11	10.51	4.843	5.00
	39	6145	full	-12.163	-11.128	-12.150	-12.361	0.11	10.51	4.718	5.00
	87	6385	full	-12.183	-10.830	-12.255	-12.274	0.11	10.51	4.800	5.00
	103	6465	full	-12.562	-10.439	-12.320	-12.334	0.11	10.51	4.817	5.00
	119	6545	full	-12.938	-10.529	-12.770	-12.522	0.11	10.51	4.567	5.00
	135	6625	full	-12.481	-9.712	-12.340	-12.525	0.11	10.05	4.594	5.00
	151	6705	full	-12.427	-9.738	-12.116	-12.449	0.11	10.05	4.658	5.00
	167	6785	full	-12.470	-9.797	-11.963	-12.213	0.11	10.05	4.710	5.00
	183	6865	full	-11.990	-10.132	-11.975	-11.816	0.11	10.05	4.777	5.00
	199	6945	full	-11.945	-10.365	-11.991	-11.895	0.11	10.05	4.689	5.00
	215	7025	full	-11.815	-10.672	-11.843	-11.980	0.11	10.05	4.636	5.00
802.11ax HE160	15	6025	full	-12.124	-11.095	-12.014	-12.218	0.11	10.51	4.797	5.00
	47	6185	full	-12.283	-11.046	-12.226	-12.109	0.11	10.51	4.751	5.00
	79	6345	full	-12.377	-10.509	-12.330	-12.312	0.11	10.51	4.831	5.00
	111	6505	full	-12.718	-10.108	-12.735	-12.753	0.11	10.51	4.721	5.00
	143	6665	full	-12.292	-9.490	-12.297	-12.238	0.11	10.05	4.781	5.00
	175	6825	full	-12.256	-9.568	-12.145	-12.306	0.11	10.05	4.776	5.00
	207	6985	full	-11.853	-10.473	-12.062	-11.985	0.11	10.05	4.634	5.00
802.11be EHT320	31	6105	full	-12.167	-11.246	-11.781	-12.308	0.07	10.51	4.746	5.00
	63	6265	full	-12.308	-10.401	-12.086	-12.409	0.07	10.51	4.882	5.00
	95	6425	full	-12.327	-10.510	-12.000	-12.221	0.07	10.51	4.902	5.00
	127	6585	full	-12.868	-10.310	-12.676	-12.636	0.07	10.51	4.617	5.00
	159	6745	full	-12.232	-9.385	-12.250	-12.308	0.07	10.05	4.795	5.00
	191	6905	full	-12.150	-10.066	-12.070	-12.242	0.07	10.05	4.611	5.00

26 dB & 99 % RF Bandwidth Measurement										
Band	CH	Freq. (MHz)	99 % Bandwidth				26 dB Bandwidth			
			Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
802.11be EHT20	1	5955	19.251	19.167	19.244	19.242	22.590	22.020	21.960	22.740
	45	6175	19.197	19.233	19.305	19.310	21.970	26.700	26.410	26.510
	93	6415	19.152	19.194	19.253	19.270	23.600	22.700	23.690	24.890
	97	6435	19.176	19.280	19.202	19.275	22.770	22.470	21.890	26.500
	105	6475	19.184	19.234	19.181	19.207	22.330	24.200	25.940	22.510
	113	6515	19.230	19.195	19.198	19.285	22.230	22.540	22.220	22.170
	117	6535	19.184	19.205	19.287	19.192	21.990	22.610	22.470	22.500
	149	6695	19.175	19.190	19.192	19.229	21.940	24.620	22.230	23.000
	181	6855	19.261	19.212	19.193	19.256	25.040	26.380	23.750	22.870
	185	6875	19.226	19.245	19.280	19.257	22.770	24.810	24.550	22.390
	189	6895	19.156	19.182	19.183	19.265	22.700	22.170	21.720	24.050
	209	6995	19.163	19.212	19.206	19.219	21.740	21.550	22.250	22.320
802.11be EHT40	229	7095	19.209	19.210	19.131	19.175	22.190	23.170	22.320	21.630
	233	7115	19.275	19.158	19.228	19.195	22.600	22.450	21.510	22.010
	3	5965	38.370	38.206	38.314	38.172	46.110	43.860	44.240	43.070
	43	6165	38.350	38.153	38.243	38.220	44.850	43.940	43.620	43.830
	91	6405	38.199	38.266	38.299	38.221	44.180	44.380	43.590	43.160
	99	6445	38.317	38.139	38.112	38.231	44.580	44.320	44.060	43.890
	107	6485	38.221	38.303	38.180	38.142	43.050	43.730	44.060	44.010
	115	6525	38.176	38.262	38.206	38.169	43.990	43.840	43.360	43.150
	123	6565	38.286	38.164	38.278	38.147	44.290	44.190	43.440	43.410
	147	6685	38.156	38.092	38.277	38.225	44.390	43.950	43.690	43.710
	179	6845	38.218	38.129	38.329	38.203	44.750	43.230	44.440	44.260
	187	6885	38.279	38.334	38.200	38.105	44.480	44.120	44.210	43.500
802.11be EHT80	195	6925	38.118	38.087	38.129	38.233	45.220	43.240	43.400	44.240
	211	7005	38.304	38.193	38.138	38.176	43.100	44.480	44.560	43.770
	227	7085	38.220	38.260	38.324	38.253	43.630	44.730	43.920	43.210
	7	5985	78.041	78.344	78.141	77.970	91.030	91.760	89.370	86.420
	39	6145	77.965	77.859	78.074	77.829	87.370	89.400	88.640	89.440
	87	6385	77.956	77.831	77.882	78.120	87.690	88.840	89.830	88.900
	103	6465	77.950	77.989	78.009	77.887	90.140	89.310	88.830	89.140
	119	6545	78.182	77.855	77.940	77.991	89.630	89.200	89.320	88.010
	135	6625	78.036	78.088	78.020	78.099	88.710	88.780	87.810	89.610
	151	6705	78.159	77.989	78.181	77.935	88.260	89.580	89.350	89.230
	167	6785	78.168	77.925	77.910	77.924	88.280	87.640	91.350	87.160
	183	6865	78.155	77.973	78.041	77.855	90.060	88.740	88.460	87.500
802.11be EHT160	199	6945	78.277	77.828	78.301	78.050	90.190	88.010	88.080	87.440
	215	7025	78.165	78.080	77.959	77.964	88.050	88.100	89.360	89.330
	15	6025	157.550	157.270	157.290	157.370	274.200	283.000	266.500	169.800
	47	6185	157.190	156.890	157.500	157.160	211.300	169.400	270.000	169.100
	79	6345	157.430	157.640	157.420	157.160	225.900	225.700	198.900	242.200
	111	6505	157.270	157.110	157.220	157.370	169.600	245.000	204.300	221.200
	143	6665	157.360	157.720	157.190	157.120	240.600	250.400	169.100	268.600
802.11be EHT320	175	6825	157.410	157.720	157.380	156.910	244.400	288.500	225.800	218.500
	207	6985	157.360	157.150	157.100	157.030	172.000	288.000	207.600	232.600
	31	6105	315.650	315.080	315.700	314.900	479.300	422.000	474.500	467.500
	63	6265	315.680	316.380	315.460	315.960	442.400	440.200	471.300	587.100
	95	6425	316.360	316.410	316.330	315.590	577.000	448.700	611.100	463.400
	127	6585	315.500	315.760	315.550	315.610	430.700	625.800	567.900	522.700
	159	6745	315.410	315.730	314.930	315.280	445.300	477.200	335.800	399.500
	191	6905	315.450	315.710	316.090	315.600	488.300	449.800	446.800	543.900

Beamforming on

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	1	1	1	1	QSPR 5.0-00202
	45	6175	full	1	1	1	1	
	93	6415	full	1	1	1	1	
	97	6435	full	1	1	1	1	
	105	6475	full	1	1	1	1	
	113	6515	full	1	1	1	1	
	117	6535	full	1.5	1.5	1.5	1.5	
	149	6695	full	1.5	1.5	1.5	1.5	
	181	6855	full	2	2	2	2	
	185	6875	full	2	2	2	2	
	189	6895	full	1.5	1.5	1.5	1.5	
	209	6995	full	1.5	1.5	1.5	1.5	
	229	7095	full	1.5	1.5	1.5	1.5	
	233	7115	full	-2	-2	-2	-2	
802.11ax HE40	3	5965	full	4	4	4	4	QSPR 5.0-00202
	43	6165	full	3.5	3.5	3.5	3.5	
	91	6405	full	3.5	3.5	3.5	3.5	
	99	6445	full	3.5	3.5	3.5	3.5	
	107	6485	full	3.5	3.5	3.5	3.5	
	115	6525	full	3.5	3.5	3.5	3.5	
	123	6565	full	3.5	3.5	3.5	3.5	
	147	6685	full	4	4	4	4	
	179	6845	full	4	4	4	4	
	187	6885	full	4	4	4	4	
	195	6925	full	4.5	4.5	4.5	4.5	
	211	7005	full	4.5	4.5	4.5	4.5	
802.11ax HE80	7	5985	full	6	6	6	6	QSPR 5.0-00202
	39	6145	full	6	6	6	6	
	87	6385	full	6	6	6	6	
	103	6465	full	6	6	6	6	
	119	6545	full	5.5	5.5	5.5	5.5	
	135	6625	full	6	6	6	6	
	151	6705	full	6	6	6	6	
	167	6785	full	6	6	6	6	
	183	6865	full	6.5	6.5	6.5	6.5	
	199	6945	full	6.5	6.5	6.5	6.5	
802.11ax HE160	215	7025	full	6.5	6.5	6.5	6.5	QSPR 5.0-00202
	15	6025	full	8.5	8.5	8.5	8.5	
	47	6185	full	9	9	9	9	
	79	6345	full	9	9	9	9	
	111	6505	full	8.5	8.5	8.5	8.5	
	143	6665	full	9	9	9	9	
	175	6825	full	9	9	9	9	
	207	6985	full	9.5	9.5	9.5	9.5	

Mode	CH	Frequency (MHz)	RU Config	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11be EHT20	1	5955	full	1	1	1	1	QSPR 5.0-00202
	45	6175	full	1	1	1	1	
	93	6415	full	1	1	1	1	
	97	6435	full	1	1	1	1	
	105	6475	full	1	1	1	1	
	113	6515	full	1	1	1	1	
	117	6535	full	1.5	1.5	1.5	1.5	
	149	6695	full	1.5	1.5	1.5	1.5	
	181	6855	full	2	2	2	2	
	185	6875	full	2	2	2	2	
	189	6895	full	1.5	1.5	1.5	1.5	
	209	6995	full	1.5	1.5	1.5	1.5	
802.11be EHT40	229	7095	full	1.5	1.5	1.5	1.5	QSPR 5.0-00202
	233	7115	full	-2	-2	-2	-2	
	3	5965	full	4	4	4	4	
	43	6165	full	3.5	3.5	3.5	3.5	
	91	6405	full	3.5	3.5	3.5	3.5	
	99	6445	full	3.5	3.5	3.5	3.5	
	107	6485	full	3.5	3.5	3.5	3.5	
	115	6525	full	3.5	3.5	3.5	3.5	
	123	6565	full	3.5	3.5	3.5	3.5	
	147	6685	full	4	4	4	4	
	179	6845	full	4	4	4	4	
	187	6885	full	4	4	4	4	
802.11be EHT80	195	6925	full	4.5	4.5	4.5	4.5	QSPR 5.0-00202
	211	7005	full	4.5	4.5	4.5	4.5	
	227	7085	full	4.5	4.5	4.5	4.5	
	7	5985	full	6	6	6	6	
	39	6145	full	6	6	6	6	
	87	6385	full	6	6	6	6	
	103	6465	full	6	6	6	6	
	119	6545	full	5.5	5.5	5.5	5.5	
	135	6625	full	6	6	6	6	
	151	6705	full	6	6	6	6	
802.11be EHT160	167	6785	full	6	6	6	6	QSPR 5.0-00202
	183	6865	full	6.5	6.5	6.5	6.5	
	199	6945	full	6.5	6.5	6.5	6.5	
	215	7025	full	6.5	6.5	6.5	6.5	
	15	6025	full	8.5	8.5	8.5	8.5	
	47	6185	full	9	9	9	9	
	79	6345	full	9	9	9	9	
	111	6505	full	8.5	8.5	8.5	8.5	
802.11be EHT320	143	6665	full	9	9	9	9	QSPR 5.0-00202
	175	6825	full	9	9	9	9	
	207	6985	full	9.5	9.5	9.5	9.5	
	31	6105	full	12	12	12	12	
	63	6265	full	12	12	12	12	
802.11be EHT320	95	6425	full	12	12	12	12	QSPR 5.0-00202
	127	6585	full	11.5	11.5	11.5	11.5	
	159	6745	full	11.5	11.5	11.5	11.5	
	191	6905	full	11.5	11.5	11.5	11.5	

Maximum Conducted Output Power Measurement												
Band	CH	Freq. (MHz)		Measurement								
				Ant-0	Ant-1	Ant-2	Ant-3	Total	Directional	EIRP	EIRP	Limit
				dBm	dBm	dBm	dBm	dBm	Gain(dBi)	(dBm)	(W)	(dBm)
802.11ax HE20	1	5955	full	0.13	0.47	-0.18	-0.01	6.13	10.51	16.64	0.0461	30
	45	6175	full	-0.09	1.01	-0.04	-0.19	6.22	10.51	16.73	0.0471	30
	93	6415	full	0.00	1.45	-0.12	-0.42	6.31	10.51	16.82	0.0481	30
	97	6435	full	0.15	1.28	0.03	-0.21	6.37	10.51	16.88	0.0488	30
	105	6475	full	0.10	1.22	0.14	-0.26	6.36	10.51	16.87	0.0486	30
	113	6515	full	-0.27	1.88	-0.44	-0.53	6.30	10.51	16.81	0.0480	30
	117	6535	full	0.26	2.57	0.43	0.13	6.99	10.05	17.04	0.0506	30
	149	6695	full	0.03	2.66	0.16	0.15	6.92	10.05	16.97	0.0498	30
	181	6855	full	0.45	2.21	0.17	0.07	6.84	10.05	16.89	0.0489	30
	185	6875	full	0.48	2.28	0.04	-0.03	6.82	10.05	16.87	0.0486	30
	189	6895	full	0.15	1.71	-0.22	-0.14	6.47	10.05	16.52	0.0449	30
	209	6995	full	0.19	0.98	0.25	0.11	6.42	10.05	16.47	0.0444	30
	229	7095	full	0.03	0.90	-0.18	-0.27	6.17	10.05	16.22	0.0419	30
802.11ax HE40	233	7115	full	-3.43	-2.84	-3.83	-3.74	2.58	10.05	12.63	0.0183	30
	3	5965	full	3.40	3.54	3.08	2.83	9.24	10.51	19.75	0.0944	30
	43	6165	full	2.41	3.66	2.59	2.50	8.84	10.51	19.35	0.0861	30
	91	6405	full	2.72	4.11	2.66	2.52	9.07	10.51	19.58	0.0908	30
	99	6445	full	2.96	4.28	3.01	2.60	9.28	10.51	19.79	0.0953	30
	107	6485	full	2.59	5.07	2.66	2.38	9.35	10.51	19.86	0.0968	30
	115	6525	full	2.58	4.89	2.69	2.29	9.27	10.51	19.78	0.0951	30
	123	6565	full	2.85	4.89	2.70	2.55	9.38	10.05	19.43	0.0877	30
	147	6685	full	3.10	5.43	3.26	3.19	9.88	10.05	19.93	0.0984	30
	179	6845	full	3.07	5.49	3.11	2.83	9.79	10.05	19.84	0.0964	30
	187	6885	full	3.26	4.67	3.16	2.96	9.59	10.05	19.64	0.0920	30
	195	6925	full	3.40	4.95	3.38	3.36	9.85	10.05	19.90	0.0977	30
	211	7005	full	3.59	4.43	3.61	3.49	9.82	10.05	19.87	0.0971	30
802.11ax HE80	227	7085	full	3.48	4.16	3.49	3.45	9.68	10.05	19.73	0.0940	30
	7	5985	full	6.17	6.65	6.21	6.04	12.29	10.51	22.80	0.1905	30
	39	6145	full	5.95	6.68	6.18	6.10	12.26	10.51	22.77	0.1892	30
	87	6385	full	6.05	7.46	5.94	5.96	12.42	10.51	22.93	0.1963	30
	103	6465	full	5.97	7.98	6.13	6.19	12.67	10.51	23.18	0.2080	30
	119	6545	full	5.21	7.80	5.51	5.33	12.13	10.51	22.64	0.1837	30
	135	6625	full	5.60	8.58	6.05	5.76	12.70	10.05	22.75	0.1884	30
	151	6705	full	5.77	8.57	5.87	5.95	12.73	10.05	22.78	0.1897	30
	167	6785	full	5.73	8.39	6.02	5.62	12.62	10.05	22.67	0.1849	30
	183	6865	full	6.32	7.98	6.28	6.32	12.81	10.05	22.86	0.1932	30
	199	6945	full	6.34	7.71	6.33	6.13	12.70	10.05	22.75	0.1884	30
	215	7025	full	6.20	7.30	6.27	6.27	12.56	10.05	22.61	0.1824	30
802.11ax HE160	15	6025	full	8.59	9.37	8.51	8.77	14.84	10.51	25.35	0.3428	30
	47	6185	full	8.74	10.16	8.74	9.06	15.24	10.51	25.75	0.3758	30
	79	6345	full	9.10	10.69	9.00	9.08	15.55	10.51	26.06	0.4036	30
	111	6505	full	8.46	11.06	8.70	8.79	15.41	10.51	25.92	0.3908	30
	143	6665	full	8.81	11.64	9.26	8.93	15.85	10.05	25.90	0.3890	30
	175	6825	full	8.98	11.19	8.87	8.84	15.61	10.05	25.66	0.3681	30
	207	6985	full	9.42	10.72	9.47	9.19	15.76	10.05	25.81	0.3811	30

Band	CH	Freq. (MHz)		Measurement							
				Ant-0	Ant-1	Ant-2	Ant-3	Total	Directional	EIRP	EIRP
				dBm	dBm	dBm	dBm	dBm	Gain(dBi)	(dBm)	(W)
802.11be EHT20	1	5955	full	0.18	0.58	-0.09	-0.01	6.19	10.51	16.70	0.0468
	45	6175	full	-0.08	1.17	-0.03	-0.14	6.29	10.51	16.80	0.0479
	93	6415	full	0.14	1.48	0.04	-0.28	6.42	10.51	16.93	0.0493
	97	6435	full	0.14	1.4	0.1	-0.17	6.43	10.51	16.94	0.0494
	105	6475	full	0.08	1.28	0.25	-0.15	6.42	10.51	16.93	0.0493
	113	6515	full	-0.25	1.97	-0.33	-0.46	6.38	10.51	16.89	0.0489
	117	6535	full	0.24	2.64	0.39	0.29	7.04	10.05	17.09	0.0512
	149	6695	full	0.15	2.86	0.14	0.16	7.02	10.05	17.07	0.0509
	181	6855	full	0.57	2.19	0.16	0.16	6.88	10.05	16.93	0.0493
	185	6875	full	0.49	2.29	0.03	0.08	6.85	10.05	16.90	0.0490
	189	6895	full	0.25	1.78	-0.04	-0.11	6.56	10.05	16.61	0.0458
	209	6995	full	0.32	0.97	0.32	0.15	6.47	10.05	16.52	0.0449
	229	7095	full	0.03	1.02	-0.02	-0.19	6.26	10.05	16.31	0.0428
802.11be EHT40	233	7115	full	-3.37	-2.68	-3.73	-3.58	2.70	10.05	12.75	0.0188
	3	5965	full	3.31	3.7	3.21	3.02	9.34	10.51	19.85	0.0966
	43	6165	full	2.6	3.75	2.57	2.61	8.93	10.51	19.44	0.0879
	91	6405	full	2.8	4.12	2.71	2.47	9.10	10.51	19.61	0.0914
	99	6445	full	3.01	4.39	3.03	2.68	9.35	10.51	19.86	0.0968
	107	6485	full	2.66	5.07	2.67	2.44	9.38	10.51	19.89	0.0975
	115	6525	full	2.65	4.92	2.63	2.51	9.32	10.51	19.83	0.0962
	123	6565	full	2.89	4.92	2.69	2.63	9.42	10.05	19.47	0.0885
	147	6685	full	3.1	5.54	3.3	3.25	9.94	10.05	19.99	0.0998
	179	6845	full	3.15	5.57	3.07	2.8	9.82	10.05	19.87	0.0971
	187	6885	full	3.25	4.81	3.15	3.14	9.67	10.05	19.72	0.0938
	195	6925	full	3.58	5.01	3.39	3.36	9.91	10.05	19.96	0.0991
	211	7005	full	3.7	4.56	3.74	3.55	9.93	10.05	19.98	0.0995
802.11be EHT80	227	7085	full	3.53	4.39	3.56	3.53	9.79	10.05	19.84	0.0964
	7	5985	full	6.18	6.73	6.25	6.02	12.32	10.51	22.83	0.1919
	39	6145	full	6.04	6.84	6.22	6.12	12.34	10.51	22.85	0.1928
	87	6385	full	6.19	7.63	6.04	6.03	12.55	10.51	23.06	0.2023
	103	6465	full	6.09	7.99	6.31	6.34	12.77	10.51	23.28	0.2128
	119	6545	full	5.23	7.87	5.59	5.39	12.19	10.51	22.70	0.1862
	135	6625	full	5.65	8.7	6.22	5.81	12.81	10.05	22.86	0.1932
	151	6705	full	5.83	8.6	6.03	5.98	12.80	10.05	22.85	0.1928
	167	6785	full	5.82	8.5	6.15	5.75	12.74	10.05	22.79	0.1901
	183	6865	full	6.45	8.15	6.46	6.36	12.94	10.05	22.99	0.1991
	199	6945	full	6.44	7.74	6.48	6.18	12.77	10.05	22.82	0.1914
	215	7025	full	6.26	7.42	6.35	6.24	12.62	10.05	22.67	0.1849
802.11be EHT160	15	6025	full	8.76	9.36	8.68	8.81	14.93	10.51	25.44	0.3499
	47	6185	full	8.9	10.23	8.83	9.11	15.33	10.51	25.84	0.3837
	79	6345	full	9.07	10.82	9.06	9.12	15.61	10.51	26.12	0.4093
	111	6505	full	8.48	11.07	8.65	8.86	15.42	10.51	25.93	0.3917
	143	6665	full	8.87	11.69	9.37	8.99	15.92	10.05	25.97	0.3954
	175	6825	full	9.08	11.19	8.97	9.01	15.69	10.05	25.74	0.3750
	207	6985	full	9.6	10.71	9.52	9.32	15.84	10.05	25.89	0.3882
802.11be EHT320	31	6105	full	12.1	13.05	12.51	12.1	18.48	10.51	28.99	0.7925
	63	6265	full	12.09	13.97	12.49	12.15	18.77	10.51	29.28	0.8472
	95	6425	full	12.26	13.8	12.58	12.38	18.82	10.51	29.33	0.8570
	127	6585	full	11.49	14.06	11.57	11.59	18.35	10.51	28.86	0.7691
	159	6745	full	11.69	14.49	12.09	11.84	18.71	10.05	28.76	0.7516
	191	6905	full	11.6	13.29	11.79	11.79	18.19	10.05	28.24	0.6668