

Appendix A: Test Data

Duty cycle (Beamforming off)						
Band	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11a	5180	0.843	0.894	94.295	0.255	1.186
802.11ax HE20	5180	0.798	0.846	94.371	0.252	1.253
802.11ax HE40	5190	0.796	0.837	95.031	0.221	1.257
802.11ax HE80	5210	0.796	0.845	94.199	0.260	1.257
802.11ax HE160	5250	0.801	0.846	94.681	0.237	1.248

RF power setting in Test SW (Beamforming off)							
Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11a	36	5180	21.5	22	22	21.5	QA tool/0.0.2.88
	40	5200	22.5	23	23.5	22.5	
	48	5240	22.5	23	23	22.5	
	52	5260	20.5	22	22	20.5	
	56	5280	20.5	21.5	21	20.5	
	64	5320	18	18	18	17.5	
	100	5500	15.5	15.5	15.5	15.5	
	112	5560	17.5	18	18	16	
	144	5720	18	18	18	18	
	149	5745	18	18	18	18	
	157	5785	18	18	18	18	
	165	5825	19.5	19.5	19.5	19.5	
802.11n HT20	36	5180	18	18	18	18	QA tool/0.0.2.88
	40	5200	18	18	18	18	
	48	5240	18	18	18	18	
	52	5260	11	11	11	11	
	56	5280	11.5	11.5	11.5	11.5	
	64	5320	11.5	11.5	11.5	11.5	
	100	5500	11	11	11	11	
	112	5560	12	12	12	12	
	140	5700	11	11	11	11	
	144	5720	11	11	11	11	
	144	5720	11	11	11	11	
	149	5745	17.5	17.5	17.5	17.5	
	157	5785	16.5	16.5	16.5	16.5	
	165	5825	11	11	11	11	
802.11n HT40	38	5190	19	19	19	19	QA tool/0.0.2.88
	46	5230	19.5	19.5	19.5	19.5	
	54	5270	13	13	13	13	
	62	5310	14	14	14	14	
	102	5510	13.5	13.5	13.5	13.5	
	110	5550	13.5	13.5	13.5	13.5	
	134	5670	13	13	13	13	
	142	5710	13	13	13	13	
	142	5710	13	13	13	13	
	151	5755	19	19	19	19	
	159	5795	18.5	18.5	18.5	18.5	

RF power setting in Test SW (Beamforming off)

Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ac VHT20	36	5180	18	18	18	18	QA tool/0.0.2.88
	40	5200	18	18	18	18	
	48	5240	18	18	18	18	
	52	5260	11	11	11	11	
	56	5280	11.5	11.5	11.5	11.5	
	64	5320	11.5	11.5	11.5	11.5	
	100	5500	11	11	11	11	
	112	5560	12	12	12	12	
	140	5700	11	11	11	11	
	144	5720	11	11	11	11	
	144	5720	11	11	11	11	
	149	5745	17.5	17.5	17.5	17.5	
	157	5785	16.5	16.5	16.5	16.5	
	165	5825	11	11	11	11	
802.11ac VHT40	38	5190	19	19	19	19	QA tool/0.0.2.88
	46	5230	19.5	19.5	19.5	19.5	
	54	5270	13	13	13	13	
	62	5310	14	14	14	14	
	102	5510	13.5	13.5	13.5	13.5	
	110	5550	13.5	13.5	13.5	13.5	
	134	5670	13	13	13	13	
	142	5710	13	13	13	13	
	142	5710	13	13	13	13	
	151	5755	19	19	19	19	
	159	5795	18.5	18.5	18.5	18.5	
802.11ac VHT80	42	5210	16	16	16	16	QA tool/0.0.2.88
	58	5290	14	14	14	14	
	106	5530	14	14	14	14	
	122	5610	12.5	12.5	12.5	12.5	
	142	5690	13.5	13.5	13.5	13.5	
	142	5690	13.5	13.5	13.5	13.5	
	155	5775	18	18	18	18	
802.11ac VHT160	50	5250	16.5	16.5	16.5	16.5	QA tool/0.0.2.88
	50	5250	16.5	16.5	16.5	16.5	
	114	5570	15	15	15	15	

RF power setting in Test SW (Beamforming off)								
Mode	CH	Frequency (MHz)		Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ax HE20	36	5180	Full	18	18	18	18	QA tool/0.0.2.88
	40	5200	Full	18	18	18	18	
	48	5240	Full	18	18	18	18	
	52	5260	Full	11	11	11	11	
	56	5280	Full	11.5	11.5	11.5	11.5	
	64	5320	Full	11.5	11.5	11.5	11.5	
	100	5500	Full	11	11	11	11	
	112	5560	Full	12	12	12	12	
	140	5700	Full	11	11	11	11	
	144	5720	Full	11	11	11	11	
	144	5720	Full	11	11	11	11	
	149	5745	Full	17.5	17.5	17.5	17.5	
	157	5785	Full	16.5	16.5	16.5	16.5	
	165	5825	Full	11	11	11	11	
802.11ax HE40	38	5190	Full	19	19	19	19	QA tool/0.0.2.88
	46	5230	Full	19.5	19.5	19.5	19.5	
	54	5270	Full	13	13	13	13	
	62	5310	Full	14	14	14	14	
	102	5510	Full	13.5	13.5	13.5	13.5	
	110	5550	Full	13.5	13.5	13.5	13.5	
	134	5670	Full	13	13	13	13	
	142	5710	Full	13	13	13	13	
	142	5710	Full	13	13	13	13	
	151	5755	Full	19	19	19	19	
	159	5795	Full	18.5	18.5	18.5	18.5	
802.11ax HE80	42	5210	Full	16	16	16	16	QA tool/0.0.2.88
	58	5290	Full	14	14	14	14	
	106	5530	Full	14	14	14	14	
	122	5610	Full	12.5	12.5	12.5	12.5	
	138	5690	Full	13.5	13.5	13.5	13.5	
	138	5690	Full	13.5	13.5	13.5	13.5	
	155	5775	Full	18	18	18	18	
802.11ax HE160	50	5250	Full	16.5	16.5	16.5	16.5	QA tool/0.0.2.88
	50	5250	Full	16.5	16.5	16.5	16.5	
	114	5570	Full	15	15	15	15	

Maximum Conducted Output Power Measurement									
Band	Date Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit
				Ant-0	Ant-1	Ant-2	Ant-3	Total	
				dBm	dBm	dBm	dBm	dBm	dBm
802.11a	6M	36	5180	23.09	22.96	22.88	22.88	-	30.00
		40	5200	23.88	23.47	23.70	23.70	-	30.00
		48	5240	23.96	23.58	23.48	23.67	-	30.00
		52	5260	22.62	22.50	22.33	22.45	-	24.00
		56	5280	22.51	22.35	22.35	22.24	-	24.00
		64	5320	18.89	18.61	18.69	18.83	-	24.00
		100	5500	17.37	15.90	15.93	17.07	-	24.00
		112	5560	18.11	17.96	18.07	17.71	-	24.00
		140	5700	20.61	20.21	20.39	20.53	-	24.00
		144	5720	20.73	19.81	20.32	20.54	-	22.95
		144	5720	11.40	10.93	10.94	11.08	-	30.00
		149	5745	20.24	20.22	20.04	19.97	-	30.00
		157	5785	20.21	19.71	19.98	19.86	-	30.00
		165	5825	21.39	20.42	21.09	21.01	-	30.00
802.11n HT20	26M	36	5180	18.98	19.28	18.96	19.25	25.14	26.64
		40	5200	19.41	18.86	18.71	19.51	25.16	26.64
		48	5240	19.63	18.35	18.27	19.48	25.00	26.64
		52	5260	12.36	11.87	12.85	12.93	18.54	20.64
		56	5280	12.43	11.93	12.78	13.15	18.62	20.64
		64	5320	12.28	11.15	12.14	12.67	18.11	20.64
		100	5500	11.52	11.36	11.12	12.93	17.81	20.60
		112	5560	12.25	11.86	12.17	13.67	18.57	20.60
		140	5700	13.17	12.52	13.18	12.30	18.83	20.60
		144	5720	11.22	10.04	11.32	10.71	16.87	19.52
		144	5720	4.43	3.34	4.48	3.96	10.10	26.57
		149	5745	19.12	19.03	19.08	18.81	25.03	26.57
		157	5785	18.03	17.34	17.87	17.09	23.62	26.57
		165	5825	11.82	11.42	12.16	11.94	17.86	26.57
802.11n HT40	54M	38	5190	20.44	20.24	19.98	20.75	26.38	26.64
		46	5230	20.74	20.47	20.28	20.77	26.59	26.64
		54	5270	14.35	13.65	14.48	15.03	20.42	20.64
		62	5310	14.50	13.91	14.95	14.84	20.59	20.64
		102	5510	13.88	13.66	13.85	15.58	20.33	20.60
		110	5550	13.22	12.99	13.50	14.96	19.76	20.60
		134	5670	14.50	14.18	15.10	14.03	20.49	20.60
		142	5710	14.60	13.45	14.37	13.61	20.05	20.60
		142	5710	2.34	1.19	1.87	1.27	7.71	26.57
		151	5755	20.15	20.60	20.49	20.60	26.48	26.57
		159	5795	20.18	19.49	19.97	19.60	25.84	26.57

Band	Date Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit
				Ant-0	Ant-1	Ant-2	Ant-3	Total	
				dBm	dBm	dBm	dBm	dBm	dBm
802.11ac VHT20	26M	36	5180	18.71	18.39	18.10	18.98	24.58	26.64
		40	5200	18.80	18.42	18.22	19.08	24.67	26.64
		48	5240	19.48	18.81	18.69	19.71	25.21	26.64
		52	5260	12.47	11.92	12.88	13.30	18.69	20.64
		56	5280	12.43	12.39	12.56	12.88	18.59	20.64
		64	5320	12.78	11.25	12.37	12.58	18.30	20.64
		100	5500	11.25	11.19	11.25	12.90	17.73	20.60
		112	5560	12.26	11.69	12.17	13.27	18.41	20.60
		140	5700	13.08	12.28	13.22	12.35	18.78	20.60
		144	5720	11.19	10.01	11.29	10.68	16.84	19.52
		144	5720	4.40	3.31	4.45	3.93	10.07	26.57
		149	5745	18.60	18.74	19.22	18.50	24.80	26.57
		157	5785	17.48	16.82	17.76	17.18	23.34	26.57
		165	5825	11.47	11.24	11.96	11.55	17.58	26.57
802.11ac VHT40	54M	38	5190	19.80	19.56	19.37	20.24	25.77	26.64
		46	5230	21.01	20.26	20.05	20.92	26.60	26.64
		54	5270	14.25	13.66	14.56	14.87	20.38	20.64
		62	5310	14.54	14.02	15.05	14.56	20.58	20.64
		102	5510	13.82	13.76	13.90	15.56	20.35	20.60
		110	5550	13.37	13.23	13.58	15.30	19.98	20.60
		134	5670	14.64	14.03	14.93	13.98	20.43	20.60
		142	5710	14.66	13.51	14.43	13.67	20.11	20.60
		142	5710	2.40	1.25	1.93	1.33	7.77	26.57
		151	5755	20.33	20.23	20.50	19.87	26.26	26.57
		159	5795	19.83	19.22	19.81	19.45	25.61	26.57
802.11ac VHT80	117.2M	42	5210	17.27	16.72	16.78	17.42	23.08	26.64
		58	5290	14.27	14.07	13.97	14.21	20.15	20.64
		106	5530	13.70	13.58	13.84	15.49	20.25	20.60
		122	5610	14.52	13.89	14.35	14.29	20.29	20.60
		138	5690	14.34	13.83	14.93	14.15	20.35	20.60
		138	5690	-1.03	-1.60	-0.97	-1.12	4.85	26.57
		155	5775	19.40	18.97	19.45	19.25	25.29	26.57
802.11ac VHT160	234M	50	5250	14.90	15.00	15.00	15.00	21.00	26.64
		50	5250	14.81	14.23	13.77	14.65	20.40	20.64
		114	5570	14.49	14.01	14.38	14.48	20.37	20.60

Band	Date Rate or Sub-test	CH	Freq. (MHz)	RU	RU Num.	Average power					Limit
						Ant-0	Ant-1	Ant-2	Ant-3	Total	
						dBm	dBm	dBm	dBm	dBm	
802.11ax HE20	MCS 0	36	5180	Full	1	19.09	18.93	18.98	19.69	25.20	26.64
		40	5200	Full	1	19.46	18.91	18.91	19.33	25.18	26.64
		48	5240	Full	1	19.60	18.87	18.86	19.43	25.22	26.64
		52	5260	Full	1	13.43	12.16	12.22	13.19	18.81	20.64
		56	5280	Full	1	12.52	11.89	12.75	13.18	18.63	20.64
		64	5320	Full	1	12.17	11.69	12.49	12.93	18.36	20.64
		100	5500	Full	1	11.50	11.04	11.44	13.13	17.88	20.60
		112	5560	Full	1	11.60	11.92	12.40	14.12	18.65	20.60
		140	5700	Full	1	13.41	12.52	13.04	12.87	18.99	20.60
		144	5720	Full	1	11.32	10.14	11.42	10.81	16.97	19.52
		144	5720	Full	1	4.53	3.44	4.58	4.06	10.20	26.57
		149	5745	Full	1	19.12	18.90	18.95	19.07	25.03	26.57
		157	5785	Full	1	17.94	17.59	18.29	17.36	23.83	26.57
		165	5825	Full	1	12.23	11.86	12.67	12.28	18.29	26.57
802.11ax HE40	MCS0	38	5190	Full	1	20.38	20.23	20.20	20.72	26.41	26.64
		46	5230	Full	1	20.98	20.20	20.24	20.96	26.63	26.64
		54	5270	Full	1	14.34	13.82	14.69	15.32	20.60	20.64
		62	5310	Full	1	14.86	14.07	14.63	14.84	20.63	20.64
		102	5510	Full	1	14.54	13.78	13.99	15.26	20.45	20.60
		110	5550	Full	1	13.66	13.60	13.90	15.16	20.15	20.60
		134	5670	Full	1	14.34	14.71	14.31	14.56	20.50	20.60
		142	5710	Full	1	14.73	13.58	14.50	13.74	20.18	20.60
		142	5710	Full	1	2.47	1.32	2.00	1.40	7.84	26.57
		151	5755	Full	1	20.45	20.43	20.59	20.49	26.51	26.57
		159	5795	Full	1	20.17	19.67	20.18	19.98	26.03	26.57
802.11ax HE80	MCS 0	42	5210	Full	1	17.19	17.39	17.50	18.10	23.58	26.64
		58	5290	Full	1	14.47	14.08	14.33	14.39	20.34	20.64
		106	5530	Full	1	14.87	14.41	14.27	14.17	20.46	20.60
		122	5610	Full	1	14.81	13.79	14.40	14.74	20.47	20.60
		138	5690	Full	1	14.41	13.90	15.00	14.22	20.42	20.60
		138	5690	Full	1	-0.96	-1.53	-0.90	-1.05	4.92	26.57
		155	5775	Full	1	19.71	19.40	19.92	19.58	25.68	26.57
802.11ax HE160	MCS 0	50	5250	Full	1	14.83	13.14	13.12	13.74	19.78	26.64
		50	5250	Full	1	14.30	13.55	13.29	13.89	19.79	20.64
		114	5570	Full	1	13.60	14.05	14.68	15.60	20.57	20.60

Maximum Conducted Output Power Measurement_Transmit power control

Band	CH	Frequency (MHz)	Average power					E.I.R.P		EIRP Power Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	Gain	Calculated Results	
			dBm	dBm	dBm	dBm	dBm	dBm	dBm	
802.11a	52	5260	16.62	16.50	16.33	16.45	-	3.38	20.00	24.00
	56	5280	16.51	16.35	16.35	16.24	-	3.38	19.89	24.00
	64	5320	12.89	12.61	12.69	12.83	-	3.38	16.27	24.00
	100	5500	11.37	9.90	9.93	11.07	-	3.34	14.71	24.00
	112	5560	12.11	11.96	12.07	11.71	-	3.34	15.45	24.00
	140	5700	14.61	14.21	14.39	14.53	-	3.34	17.95	24.00
	144	5720	14.73	13.81	14.32	14.54	-	3.34	18.07	24.00
802.11n HT20	52	5260	6.36	5.87	6.85	6.93	12.54	9.36	21.90	24.00
	56	5280	6.43	5.93	6.78	7.15	12.62	9.36	21.98	24.00
	64	5320	6.28	5.15	6.14	6.67	12.11	9.36	21.47	24.00
	100	5500	5.52	5.36	5.12	6.93	11.81	9.40	21.21	24.00
	112	5560	6.25	5.86	6.17	7.67	12.57	9.40	21.97	24.00
	140	5700	7.17	6.52	7.18	6.30	12.83	9.40	22.23	24.00
	144	5720	-1.57	-2.66	-1.52	-2.04	4.10	9.40	13.50	24.00
802.11n HT40	54	5270	8.35	7.65	8.48	9.03	14.42	9.36	23.78	24.00
	62	5310	8.50	7.91	8.95	8.84	14.59	9.36	23.95	24.00
	102	5510	7.88	7.66	7.85	9.58	14.33	9.40	23.73	24.00
	110	5550	7.22	6.99	7.50	8.96	13.76	9.40	23.16	24.00
	134	5670	8.50	8.18	9.10	8.03	14.49	9.40	23.89	24.00
	142	5710	-3.66	-4.81	-4.13	-4.73	1.71	9.40	11.11	24.00

Band	CH	Frequency (MHz)	Average power					E.I.R.P		EIRP Power Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	Gain	Calculated Results	
			dBm	dBm	dBm	dBm	dBm	dBd	dBm	dBm
802.11ac VHT20	52	5260	6.47	5.92	6.88	7.30	12.69	9.36	22.05	24.00
	56	5280	6.43	6.39	6.56	6.88	12.59	9.36	21.95	24.00
	64	5320	6.78	5.25	6.37	6.58	12.30	9.36	21.66	24.00
	100	5500	5.25	5.19	5.25	6.90	11.73	9.40	21.13	24.00
	112	5560	6.26	5.69	6.17	7.27	12.41	9.40	21.81	24.00
	140	5700	7.08	6.28	7.22	6.35	12.78	9.40	22.18	24.00
	144	5720	-1.60	-2.69	-1.55	-2.07	4.07	9.40	13.47	24.00
802.11ac VHT40	54	5270	8.25	7.66	8.56	8.87	14.38	9.36	23.74	24.00
	62	5310	8.54	8.02	9.05	8.56	14.58	9.36	23.94	24.00
	102	5510	7.82	7.76	7.90	9.56	14.35	9.40	23.75	24.00
	110	5550	7.37	7.23	7.58	9.30	13.98	9.40	23.38	24.00
	134	5670	8.64	8.03	8.93	7.98	14.43	9.40	23.83	24.00
	142	5710	-3.60	-4.75	-4.07	-4.67	1.77	9.40	11.17	24.00
802.11ac VHT80	58	5290	8.27	8.07	7.97	8.21	14.15	9.36	23.51	24.00
	106	5530	7.70	7.58	7.84	9.49	14.25	9.40	23.65	24.00
	122	5610	8.52	7.89	8.35	8.29	14.29	9.40	23.69	24.00
	138	5690	-7.03	-7.60	-6.97	-7.12	-1.15	9.40	8.25	24.00
802.11ac VHT160	50	5250	8.81	8.23	7.77	8.65	14.40	9.36	23.76	24.00
	114	5570	8.49	8.01	8.38	8.48	14.37	9.40	23.77	24.00

Band	CH	Freq. (MHz)	RU	Average power					E.I.R.P		EIRP Power Limit
				Ant-0	Ant-1	Ant-2	Ant-3	Total	Gain	Calculated Results	
				dBm	dBm	dBm	dBm	dBm	dBd	dBm	dBm
802.11ax HE20	52	5260	Full	7.43	6.16	6.22	7.19	12.81	9.36	22.17	24.00
	56	5280	Full	6.52	5.89	6.75	7.18	12.63	9.36	21.99	24.00
	64	5320	Full	6.17	5.69	6.49	6.93	12.36	9.36	21.72	24.00
	100	5500	Full	5.50	5.04	5.44	7.13	11.88	9.40	21.28	24.00
	112	5560	Full	5.60	5.92	6.40	8.12	12.65	9.40	22.05	24.00
	140	5700	Full	7.41	6.52	7.04	6.87	12.99	9.40	22.39	24.00
	144	5720	Full	-1.47	-2.56	-1.42	-1.94	4.20	9.40	13.60	24.00
802.11ax HE40	54	5270	Full	8.34	7.82	8.69	9.32	14.60	9.36	23.96	24.00
	62	5310	Full	8.86	8.07	8.63	8.84	14.63	9.36	23.99	24.00
	102	5510	Full	8.54	7.78	7.99	9.26	14.45	9.40	23.85	24.00
	110	5550	Full	7.66	7.60	7.90	9.16	14.15	9.40	23.55	24.00
	134	5670	Full	8.34	8.71	8.31	8.56	14.50	9.40	23.90	24.00
	142	5710	Full	-3.53	-4.68	-4.00	-4.60	1.84	9.40	11.24	24.00
802.11ax HE80	58	5290	Full	8.47	8.08	8.33	8.39	14.34	9.36	23.70	24.00
	106	5530	Full	8.87	8.41	8.27	8.17	14.46	9.40	23.86	24.00
	122	5610	Full	8.81	7.79	8.40	8.74	14.47	9.40	23.87	24.00
	138	5690	Full	-6.96	-7.53	-6.90	-7.05	-1.08	9.40	8.32	24.00
802.11ax HE160	50	5250	Full	8.30	7.55	7.29	7.89	13.79	9.36	23.15	24.00
	114	5570	Full	7.60	8.05	8.68	9.60	14.57	9.40	23.97	24.00

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
802.11a	36	5180	16.895	-	-	-	26.310	-	-	-
	40	5200	17.048	-	-	-	26.350	-	-	-
	48	5240	17.193	-	-	-	31.370	-	-	-
	52	5260	16.747	-	-	-	21.260	-	-	-
	56	5280	16.778	-	-	-	21.970	-	-	-
	64	5320	16.793	-	-	-	25.250	-	-	-
	100	5500	16.834	-	-	-	23.100	-	-	-
	112	5560	16.650	-	-	-	20.800	-	-	-
	140	5700	16.804	-	-	-	22.750	-	-	-
	144	5720	13.297	-	-	-	15.660	-	-	-
802.11ax HE20	36	5180	18.984	18.987	18.985	18.967	21.900	22.060	21.890	23.270
	40	5200	18.995	19.017	18.951	18.971	22.450	24.240	21.680	23.190
	48	5240	18.841	18.868	18.836	18.842	20.080	20.090	20.100	20.030
	52	5260	18.924	18.928	18.941	18.942	21.710	21.830	21.130	21.420
	56	5280	18.942	18.921	18.917	18.933	22.040	21.380	22.260	21.760
	64	5320	19.021	19.021	18.999	18.978	22.190	22.690	21.890	22.490
	100	5500	19.012	19.035	18.992	18.965	23.410	22.330	23.410	23.960
	112	5560	18.935	18.904	18.897	18.944	21.630	21.560	21.290	21.410
	140	5700	18.985	18.968	18.978	18.995	22.300	21.940	21.800	22.780
	144	5720	14.489	14.461	14.490	14.451	16.370	15.570	15.780	15.880
802.11ax HE40	38	5190	37.546	37.545	37.489	37.534	40.060	46.680	39.960	43.210
	46	5230	37.397	37.444	37.530	37.543	39.880	39.830	39.830	39.870
	54	5270	37.435	37.460	37.402	37.447	39.730	39.850	39.820	39.850
	62	5310	37.542	37.605	37.605	37.532	40.890	41.720	44.470	39.980
	102	5510	37.659	37.614	37.574	37.631	41.960	42.110	43.700	43.010
	110	5550	37.529	37.511	37.431	37.406	39.830	39.990	39.740	39.780
	134	5670	37.629	37.632	37.612	37.520	40.750	41.070	47.640	45.190
	142	5710	33.565	33.497	33.508	33.518	34.930	34.860	34.970	34.890
802.11ax HE80	42	5210	77.302	77.356	77.075	77.116	93.070	96.300	92.050	89.320
	58	5290	76.982	76.963	76.802	77.116	93.990	84.040	81.140	90.240
	106	5530	77.230	76.971	76.906	77.207	91.210	86.980	81.220	90.210
	122	5610	76.990	76.913	76.708	76.929	81.070	81.070	80.910	80.980
	138	5690	72.829	72.785	72.765	72.633	75.570	75.480	75.600	75.450
802.11ax HE160	50	5250	77.831	77.694	77.790	77.837	82.270	80.580	80.670	80.780
	50	5250	77.425	77.413	77.413	77.584	80.350	80.330	80.400	80.530
	114	5570	155.006	155.315	154.955	155.135	162.940	162.750	162.790	162.930

Band III_6 dB & 99 % RF Bandwidth Measurement										
Band	CH	Freq. (MHz)	99 % Bandwidth				6 dB Bandwidth			
			Ant-0	Ant-1	Ant-2	Ant-3	Ant-0	Ant-1	Ant-2	Ant-3
			MHz	MHz	MHz	MHz	kHz	kHz	kHz	kHz
802.11a	144	5720	3.732	-	-	-	3151	-	-	-
	149	5745	17.003	-	-	-	15330	-	-	-
	157	5785	16.878	-	-	-	15330	-	-	-
	165	5825	17.063	-	-	-	15150	-	-	-
802.11ax HE20	144	5720	4.602	4.609	4.584	4.589	4440	4405	4405	4417
	149	5745	19.103	19.079	19.045	19.068	17580	16420	16440	16700
	157	5785	19.003	18.948	18.978	19.002	18230	15140	16350	17020
	165	5825	19.088	19.076	19.064	19.056	17590	15740	16210	15140
802.11ax HE40	142	5710	4.081	4.095	4.096	4.078	3996	3990	3978	4005
	151	5755	37.744	37.682	37.641	37.591	35250	35090	35090	35070
	159	5795	37.516	37.562	37.453	37.515	35090	35080	35080	35560
802.11ax HE80	138	5690	4.188	4.203	4.184	4.174	3961	3927	3902	3981
	155	5775	76.955	76.699	76.695	76.796	75150	75110	75120	75140

Power Spectral Density Measurement									
Band	CH	Frequency (MHz)	Measurement				Duty Factor	Calculated	Limit
			Ant-0	Ant-1	Ant-2	Ant-3		Total	
			dBm/MHz	dBm/MHz	dBm/MHz	dBm/MHz		dBm/MHz	
802.11a	36	5180	11.197	-	-	-	0.255	11.452	17.000
	40	5200	12.374	-	-	-	0.255	12.629	17.000
	48	5240	12.220	-	-	-	0.255	12.475	17.000
	52	5260	11.285	-	-	-	0.255	11.540	11.000
	56	5280	11.040	-	-	-	0.255	11.295	11.000
	64	5320	8.452	-	-	-	0.255	8.708	11.000
	100	5500	5.210	-	-	-	0.255	5.465	11.000
	112	5560	7.011	-	-	-	0.255	7.266	11.000
	140	5700	9.587	-	-	-	0.255	9.842	11.000
	144	5720	9.687	-	-	-	0.255	9.942	11.000
802.11ax HE20	36	5180	6.800	6.465	6.449	7.203	0.252	13.012	13.640
	40	5200	6.699	6.372	6.396	7.083	0.252	12.920	13.640
	48	5240	6.530	5.606	6.017	7.092	0.252	12.620	13.640
	52	5260	0.768	0.064	0.688	1.591	0.252	7.084	7.640
	56	5280	0.820	-0.031	0.744	1.618	0.252	7.099	7.640
	64	5320	0.352	-0.667	0.215	1.146	0.252	6.581	7.640
	100	5500	1.013	-0.558	-0.295	1.684	0.252	6.832	7.600
	112	5560	0.000	0.401	1.015	2.185	0.252	7.254	7.600
	140	5700	1.422	0.619	1.283	0.808	0.252	7.318	7.600
	144	5720	1.701	0.951	1.336	0.973	0.252	7.524	7.600
802.11ax HE40	38	5190	6.978	6.020	5.988	6.791	0.221	12.709	13.640
	46	5230	6.842	6.001	6.345	7.164	0.221	12.853	13.640
	54	5270	0.338	-0.179	0.397	1.363	0.221	6.758	7.640
	62	5310	0.829	-0.164	1.009	1.706	0.221	7.138	7.640
	102	5510	0.705	-0.256	0.171	1.822	0.221	6.924	7.600
	110	5550	0.103	-0.140	0.302	1.993	0.221	6.893	7.600
	134	5670	0.918	0.227	1.052	0.729	0.221	6.984	7.600
	142	5710	1.576	0.242	1.453	0.681	0.221	7.264	7.600
802.11ax HE80	42	5210	0.317	-0.392	0.242	0.367	0.260	6.424	13.640
	58	5290	-1.856	-2.553	-1.820	-1.177	0.260	4.456	7.640
	106	5530	-2.716	-3.182	-2.329	-1.154	0.260	4.002	7.600
	122	5610	-1.995	-3.442	-2.219	-2.338	0.260	3.816	7.600
	138	5690	-2.041	-2.940	-1.030	-2.142	0.260	4.296	7.600
802.11ax HE160	50	5250	-2.188	-3.110	-3.033	-2.317	0.237	3.616	13.640
	50	5250	-1.813	-3.103	-2.863	-2.224	0.237	3.787	7.640
	114	5570	-4.804	-4.439	-4.010	-3.177	0.237	2.194	7.600

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Band III_ Power Spectral Density Measurement

Band	CH	Frequency (MHz)	Measurement								Calculated	Limit	PASS/FAIL
			Ant-0		Ant-1		Ant-2		Ant-3		Total		
			dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz	dBm/500 kHz	dBm/500 kHz	
802.11a	144	5720	-1.656	5.589	-	-	-	-	-	-		30.00	PASS
	149	5745	0.204	7.448	-	-	-	-	-	-		30.00	PASS
	157	5785	0.426	7.671	-	-	-	-	-	-		30.00	PASS
	165	5825	0.477	7.721	-	-	-	-	-	-		30.00	PASS
802.11ax HE20	144	5720	-9.605	-2.364	-10.881	-3.640	-9.767	-2.526	-10.385	-3.143	3.132	26.57	PASS
	149	5745	-1.770	5.471	-1.272	5.970	-1.323	5.918	-1.833	5.409	11.720	26.57	PASS
	157	5785	-3.271	3.970	-3.665	3.576	-3.286	3.955	-3.360	3.881	9.869	26.57	PASS
	165	5825	-9.329	-2.087	-9.294	-2.053	-9.106	-1.865	-9.465	-2.224	3.965	26.57	PASS
802.11ax HE40	142	5710	-12.690	-5.479	-13.593	-6.382	-12.676	-5.465	-13.376	-6.165	0.167	26.57	PASS
	151	5755	-3.186	4.025	-3.107	4.104	-3.122	4.089	-3.620	3.591	9.978	26.57	PASS
	159	5795	-3.540	3.671	-4.643	2.568	-3.895	3.316	-4.453	2.758	9.121	26.57	PASS
802.11ax HE80	138	5690	-15.798	-8.549	-16.019	-8.770	-15.650	-8.401	-15.886	-8.637	-2.567	26.57	PASS
	155	5775	-7.259	-0.010	-8.131	-0.881	-7.756	-0.507	-7.958	-0.709	5.506	26.57	PASS

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.
 Conversion ratio = 10*Log(500 k/100 k)

Duty cycle (Beamforming on)						
Band	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11n HT20	5180	0.856	0.906	94.459	0.248	1.168
802.11n HT40	5190	0.820	0.866	94.709	0.236	1.220
802.11ac VHT20	5180	0.318	0.367	86.641	0.623	3.147
802.11ac VHT40	5190	0.323	0.370	87.500	0.580	3.092
802.11ac VHT80	5210	0.322	0.368	87.452	0.582	3.106
802.11ac VHT160	5250	0.287	0.334	85.971	0.656	3.487
802.11ax HE20	5180	0.798	0.846	94.371	0.252	1.253
802.11ax HE40	5190	0.796	0.837	95.031	0.221	1.257
802.11ax HE80	5210	0.796	0.845	94.199	0.260	1.257
802.11ax HE160	5250	0.801	0.846	94.681	0.237	1.248

RF power setting in Test SW (Beamforming on)							
Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11n HT20	36	5180	39	39	39	39	QA tool/0.0.2.88
	40	5200	39	39	39	39	
	48	5240	39	39	39	39	
	52	5260	24	24	24	24	
	56	5280	25	25	25	25	
	64	5320	25	25	25	25	
	100	5500	24	24	24	24	
	112	5560	26	26	26	26	
	140	5700	24	24	24	24	
	144	5720	24	24	24	24	
	144	5720	24	24	24	24	
	149	5745	37	37	37	37	
	157	5785	35	35	35	35	
	165	5825	24	24	24	24	
802.11n HT40	38	5190	40	40	40	40	QA tool/0.0.2.88
	46	5230	41	41	41	41	
	54	5270	28	28	28	28	
	62	5310	30	30	30	30	
	102	5510	29	29	29	29	
	110	5550	29	29	29	29	
	134	5670	28	28	28	28	
	142	5710	28	28	28	28	
	142	5710	28	28	28	28	
	151	5755	39	39	39	39	
	159	5795	38	38	38	38	

Duty cycle (Beamforming on)						
Band	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11ax HE20	5180	0.800	0.845	94.675	0.238	1.250
802.11ax HE40	5190	0.800	0.845	94.675	0.238	1.250
802.11ax HE80	5210	0.800	0.845	94.675	0.238	1.250
802.11ax HE160	5250	0.800	0.845	94.675	0.238	1.250

RF power setting in Test SW
(Beamforming on)

Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ac VHT20	36	5180	39	39	39	39	QA tool/0.0.2.88
	40	5200	39	39	39	39	
	48	5240	39	39	39	39	
	52	5260	24	24	24	24	
	56	5280	25	25	25	25	
	64	5320	25	25	25	25	
	100	5500	24	24	24	24	
	112	5560	26	26	26	26	
	140	5700	24	24	24	24	
	144	5720	24	24	24	24	
	144	5720	24	24	24	24	
	149	5745	37	37	37	37	
	157	5785	35	35	35	35	
	165	5825	24	24	24	24	
802.11ac VHT40	38	5190	40	40	40	40	QA tool/0.0.2.88
	46	5230	41	41	41	41	
	54	5270	28	28	28	28	
	62	5310	30	30	30	30	
	102	5510	29	29	29	29	
	110	5550	29	29	29	29	
	134	5670	28	28	28	28	
	142	5710	28	28	28	28	
	142	5710	28	28	28	28	
	151	5755	39	39	39	39	
802.11ac VHT80	42	5210	34	34	34	34	QA tool/0.0.2.88
	58	5290	30	30	30	30	
	106	5530	30	30	30	30	
	122	5610	27	27	27	27	
	142	5690	29	29	29	29	
	142	5690	29	29	29	29	
	155	5775	38	38	38	38	
802.11ac VHT160	50	5250	35	35	35	35	QA tool/0.0.2.88
	114	5570	32	32	32	32	

RF power setting in Test SW

(Beamforming on)

Mode	CH	Frequency (MHz)		Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ax HE20	36	5180	Full	39	39	39	39	QA tool/0.0.2.88
	40	5200	Full	39	39	39	39	
	48	5240	Full	39	39	39	39	
	52	5260	Full	24	24	24	24	
	56	5280	Full	25	25	25	25	
	64	5320	Full	25	25	25	25	
	100	5500	Full	24	24	24	24	
	112	5560	Full	26	26	26	26	
	140	5700	Full	24	24	24	24	
	144	5720	Full	24	24	24	24	
	144	5720	Full	24	24	24	24	
	149	5745	Full	37	37	37	37	
	157	5785	Full	35	35	35	35	
	165	5825	Full	24	24	24	24	
802.11ax HE40	38	5190	Full	40	40	40	40	QA tool/0.0.2.88
	46	5230	Full	41	41	41	41	
	54	5270	Full	28	28	28	28	
	62	5310	Full	30	30	30	30	
	102	5510	Full	29	29	29	29	
	110	5550	Full	29	29	29	29	
	134	5670	Full	28	28	28	28	
	142	5710	Full	28	28	28	28	
	142	5710	Full	28	28	28	28	
	151	5755	Full	39	39	39	39	
802.11ax HE80	159	5795	Full	38	38	38	38	QA tool/0.0.2.88
	42	5210	Full	34	34	34	34	
	58	5290	Full	30	30	30	30	
	106	5530	Full	30	30	30	30	
	122	5610	Full	27	27	27	27	
	138	5690	Full	29	29	29	29	
	138	5690	Full	29	29	29	29	
802.11ax HE160	155	5775	Full	38	38	38	38	QA tool/0.0.2.88
	50	5250	Full	35	35	35	35	
	50	5250	Full	35	35	35	35	
	114	5570	Full	32	32	32	32	

Maximum Conducted Output Power Measurement (Beamforming on)									
Band	Date Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit
				Ant-0	Ant-1	Ant-2	Ant-3	Total	
				dBm	dBm	dBm	dBm	dBm	
802.11n HT20	26M	36	5180	18.91	19.12	19.00	19.14	25.07	26.64
		40	5200	19.34	18.73	18.68	19.55	25.11	26.64
		48	5240	19.48	18.30	18.21	19.52	24.94	26.64
		52	5260	12.23	11.68	12.80	12.79	18.42	20.64
		56	5280	12.34	11.73	12.62	12.99	18.47	20.64
		64	5320	12.10	11.08	12.17	12.65	18.06	20.64
		100	5500	11.53	11.26	11.04	12.87	17.76	20.60
		112	5560	12.10	11.87	12.09	13.62	18.50	20.60
		140	5700	13.05	12.42	13.14	12.10	18.72	20.60
		144	5720	11.10	9.93	11.23	10.52	16.75	19.52
		144	5720	4.39	3.26	4.47	3.91	10.05	26.57
		149	5745	18.93	18.85	19.02	18.63	24.88	26.57
		157	5785	18.03	17.36	17.83	16.92	23.57	26.57
		165	5825	11.63	11.22	12.07	11.92	17.74	26.57
802.11n HT40	54M	38	5190	20.26	20.04	19.78	20.59	26.20	26.64
		46	5230	20.66	20.37	20.27	20.61	26.50	26.64
		54	5270	14.20	13.55	14.45	14.86	20.31	20.64
		62	5310	14.51	13.94	14.90	14.77	20.56	20.64
		102	5510	13.74	13.71	13.80	15.57	20.30	20.60
		110	5550	13.03	12.81	13.38	14.79	19.59	20.60
		134	5670	14.31	14.11	15.02	14.04	20.41	20.60
		142	5710	14.61	13.26	14.19	13.58	19.96	20.60
		142	5710	2.37	1.13	1.83	1.08	7.66	26.57
		151	5755	19.96	20.53	20.37	20.45	26.35	26.57
		159	5795	20.11	19.29	19.92	19.44	25.72	26.57

Band	Date Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit
				Ant-0	Ant-1	Ant-2	Ant-3	Total	
				dBm	dBm	dBm	dBm	dBm	
802.11ac VHT20	26M	36	5180	18.61	18.24	18.00	18.97	24.49	26.64
		40	5200	18.82	18.40	18.15	18.90	24.60	26.64
		48	5240	19.38	18.68	18.51	19.49	25.06	26.64
		52	5260	12.48	11.89	12.74	13.18	18.62	20.64
		56	5280	12.30	12.40	12.45	12.78	18.51	20.64
		64	5320	12.79	11.10	12.22	12.60	18.25	20.64
		100	5500	11.08	11.24	11.16	12.81	17.66	20.60
		112	5560	12.27	11.62	12.19	13.27	18.40	20.60
		140	5700	12.99	12.31	13.26	12.22	18.74	20.60
		144	5720	11.24	10.03	11.11	10.72	16.82	19.52
		144	5720	4.36	3.30	4.34	3.80	9.99	26.57
		149	5745	18.41	18.61	19.17	18.55	24.72	26.57
		157	5785	17.36	16.85	17.64	17.17	23.28	26.57
		165	5825	11.56	11.46	12.09	11.63	17.72	26.57
802.11ac VHT40	54M	38	5190	19.85	19.49	19.25	20.20	25.73	26.64
		46	5230	21.04	20.26	19.92	20.82	26.56	26.64
		54	5270	14.19	13.57	14.45	14.75	20.28	20.64
		62	5310	14.51	13.86	15.07	14.40	20.50	20.64
		102	5510	13.78	13.71	13.83	15.50	20.29	20.60
		110	5550	13.18	13.12	13.46	15.15	19.83	20.60
		134	5670	14.55	14.03	14.94	13.96	20.41	20.60
		142	5710	14.50	13.55	14.29	13.58	20.02	20.60
		142	5710	2.28	1.21	1.91	1.25	7.71	26.57
		151	5755	20.26	20.03	20.44	19.89	26.18	26.57
		159	5795	19.72	19.23	19.86	19.32	25.56	26.57
802.11ac VHT80	117.2M	42	5210	17.17	16.66	16.82	17.41	23.05	26.64
		58	5290	14.18	13.93	13.90	14.12	20.05	20.64
		106	5530	13.72	13.43	13.66	15.45	20.17	20.60
		122	5610	14.50	13.93	14.21	14.14	20.22	20.60
		138	5690	14.18	13.76	14.75	14.11	20.24	20.60
		138	5690	-0.98	-1.60	-0.94	-1.24	4.84	26.57
		155	5775	19.27	19.00	19.33	19.15	25.21	26.57
802.11ac VHT160	234M	50	5250	14.80	12.95	13.08	13.72	19.72	26.64
		50	5250	14.32	13.50	13.15	13.85	19.74	20.64
		114	5570	14.50	14.01	14.28	14.39	20.32	20.60

Band	Date Rate or Sub-test	CH	Freq. (MHz)	RU	Average power					Limit
					Ant-0	Ant-1	Ant-2	Ant-3	Total	
					dBm	dBm	dBm	dBm	dBm	
802.11ax HE20	MCS 0	36	5180	Full	18.91	18.89	18.89	19.52	25.08	26.64
		40	5200	Full	19.41	18.84	18.89	19.36	25.15	26.64
		48	5240	Full	19.43	18.68	18.88	19.24	25.09	26.64
		52	5260	Full	13.24	12.14	12.26	13.09	18.73	20.64
		56	5280	Full	12.51	11.70	12.56	13.12	18.52	20.64
		64	5320	Full	12.03	11.66	12.50	12.92	18.32	20.64
		100	5500	Full	11.44	10.91	11.42	13.15	17.84	20.60
		112	5560	Full	11.65	11.74	12.38	13.93	18.55	20.60
		140	5700	Full	13.33	12.55	12.91	12.79	18.92	20.60
		144	5720	Full	11.27	10.18	11.36	10.62	16.90	19.52
		144	5720	Full	4.40	3.40	4.53	3.92	10.10	26.57
		149	5745	Full	19.06	18.95	18.92	19.07	25.02	26.57
		157	5785	Full	17.75	17.43	18.34	17.29	23.74	26.57
		165	5825	Full	12.08	11.76	12.60	12.08	18.16	26.57
802.11ax HE40	MCS0	38	5190	Full	20.43	20.12	20.16	20.69	26.38	26.64
		46	5230	Full	20.85	20.13	20.08	21.01	26.56	26.64
		54	5270	Full	14.17	13.74	14.67	15.26	20.52	20.64
		62	5310	Full	14.69	14.06	14.54	14.84	20.56	20.64
		102	5510	Full	14.40	13.72	13.81	15.15	20.33	20.60
		110	5550	Full	13.51	13.57	13.83	15.14	20.09	20.60
		134	5670	Full	14.36	14.53	14.27	14.59	20.46	20.60
		142	5710	Full	14.78	13.40	14.51	13.75	20.17	20.60
		142	5710	Full	2.34	1.26	1.85	1.40	7.75	26.57
		151	5755	Full	20.50	20.23	20.62	20.34	26.44	26.57
		159	5795	Full	20.13	19.51	20.19	19.99	25.99	26.57
802.11ax HE80	MCS 0	42	5210	Full	17.09	17.29	17.35	18.02	23.47	26.64
		58	5290	Full	14.28	13.98	14.24	14.23	20.20	20.64
		106	5530	Full	14.75	14.33	14.19	14.13	20.38	20.60
		122	5610	Full	14.66	13.62	14.39	14.67	20.38	20.60
		138	5690	Full	14.37	13.81	14.96	14.22	20.38	20.60
		138	5690	Full	-1.05	-1.48	-0.99	-1.10	4.87	26.57
		155	5775	Full	19.62	19.25	19.88	19.59	25.61	26.57
802.11ax HE160	MCS 0	50	5250	Full	14.39	13.65	13.38	13.52	19.77	26.64
		50	5250	Full	14.21	13.73	13.27	13.51	19.71	20.64
		114	5570	Full	13.53	13.99	14.61	15.65	20.54	20.60

Maximum Conducted Output Power Measurement_Transmit power control

Band	CH	Frequency (MHz)	Average power					E.I.R.P		EIRP Power Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	Gain	Calculated Results	
			dBm	dBm	dBm	dBm	dBm	dBm	dBm	dBm
802.11n HT20	52	5260	6.23	5.68	6.80	6.79	12.42	9.36	21.78	24.00
	56	5280	6.34	5.73	6.62	6.99	12.47	9.36	21.83	24.00
	64	5320	6.10	5.08	6.17	6.65	12.06	9.36	21.42	24.00
	100	5500	5.53	5.26	5.04	6.87	11.76	9.40	21.16	24.00
	112	5560	6.10	5.87	6.09	7.62	12.50	9.40	21.90	24.00
	140	5700	7.05	6.42	7.14	6.10	12.72	9.40	22.12	24.00
	144	5720	-1.61	-2.74	-1.53	-2.09	4.05	9.40	13.45	24.00
802.11n HT40	54	5270	8.20	7.55	8.45	8.86	14.31	9.36	23.67	24.00
	62	5310	8.51	7.94	8.90	8.77	14.56	9.36	23.92	24.00
	102	5510	7.74	7.71	7.80	9.57	14.30	9.40	23.70	24.00
	110	5550	7.03	6.81	7.38	8.79	13.59	9.40	22.99	24.00
	134	5670	8.31	8.11	9.02	8.04	14.41	9.40	23.81	24.00
	142	5710	-3.63	-4.87	-4.17	-4.92	1.66	9.40	11.06	24.00

Band	CH	Frequency (MHz)	Average power					E.I.R.P		EIRP Power Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	Gain	Calculated Results	
			dBm	dBm	dBm	dBm	dBm	dB	dBm	
802.11ac VHT20	52	5260	6.48	5.89	6.74	7.18	12.62	9.36	21.98	24.00
	56	5280	6.30	6.40	6.45	6.78	12.51	9.36	21.87	24.00
	64	5320	6.79	5.10	6.22	6.60	12.25	9.36	21.61	24.00
	100	5500	5.08	5.24	5.16	6.81	11.66	9.40	21.06	24.00
	112	5560	6.27	5.62	6.19	7.27	12.40	9.40	21.80	24.00
	140	5700	6.99	6.31	7.26	6.22	12.74	9.40	22.14	24.00
	144	5720	-1.64	-2.70	-1.66	-2.20	3.99	9.40	13.39	24.00
802.11ac VHT40	54	5270	8.19	7.57	8.45	8.75	14.28	9.36	23.64	24.00
	62	5310	8.51	7.86	9.07	8.40	14.50	9.36	23.86	24.00
	102	5510	7.78	7.71	7.83	9.50	14.29	9.40	23.69	24.00
	110	5550	7.18	7.12	7.46	9.15	13.83	9.40	23.23	24.00
	134	5670	8.55	8.03	8.94	7.96	14.41	9.40	23.81	24.00
	142	5710	-3.72	-4.79	-4.09	-4.75	1.71	9.40	11.11	24.00
802.11ac VHT80	58	5290	8.18	7.93	7.90	8.12	14.05	9.36	23.41	24.00
	106	5530	7.72	7.43	7.66	9.45	14.17	9.40	23.57	24.00
	122	5610	8.50	7.93	8.21	8.14	14.22	9.40	23.62	24.00
	138	5690	-6.98	-7.60	-6.94	-7.24	-1.16	9.40	8.24	24.00
802.11ac VHT160	50	5250	8.32	7.50	7.15	7.85	13.74	9.36	23.10	24.00
	114	5570	8.50	8.01	8.28	8.39	14.32	9.40	23.72	24.00

Band	CH	Freq. (MHz)	RU	Average power					E.I.R.P		EIRP Power Limit
				Ant-0	Ant-1	Ant-2	Ant-3	Total	Gain	Calculated Results	
				dBm	dBm	dBm	dBm	dBm	dBd	dBm	dBm
802.11ax HE20	52	5260	Full	7.24	6.14	6.26	7.09	12.73	9.36	22.09	24.00
	56	5280	Full	6.51	5.70	6.56	7.12	12.52	9.36	21.88	24.00
	64	5320	Full	6.03	5.66	6.50	6.92	12.32	9.36	21.68	24.00
	100	5500	Full	5.44	4.91	5.42	7.15	11.84	9.40	21.24	24.00
	112	5560	Full	5.65	5.74	6.38	7.93	12.55	9.40	21.95	24.00
	140	5700	Full	7.33	6.55	6.91	6.79	12.92	9.40	22.32	24.00
	144	5720	Full	-1.60	-2.60	-1.47	-2.08	4.10	9.40	13.50	24.00
802.11ax HE40	54	5270	Full	8.17	7.74	8.67	9.26	14.52	9.36	23.88	24.00
	62	5310	Full	8.69	8.06	8.54	8.84	14.56	9.36	23.92	24.00
	102	5510	Full	8.40	7.72	7.81	9.15	14.33	9.40	23.73	24.00
	110	5550	Full	7.51	7.57	7.83	9.14	14.09	9.40	23.49	24.00
	134	5670	Full	8.36	8.53	8.27	8.59	14.46	9.40	23.86	24.00
	142	5710	Full	-3.66	-4.74	-4.15	-4.60	1.75	9.40	11.15	24.00
802.11ax HE80	58	5290	Full	8.28	7.98	8.24	8.23	14.20	9.36	23.56	24.00
	106	5530	Full	8.75	8.33	8.19	8.13	14.38	9.40	23.78	24.00
	122	5610	Full	8.66	7.62	8.39	8.67	14.38	9.40	23.78	24.00
	138	5690	Full	-7.05	-7.48	-6.99	-7.10	-1.13	9.40	8.27	24.00
802.11ax HE160	50	5250	Full	8.81	8.23	7.77	8.65	14.40	9.36	23.76	24.00
	114	5570	Full	7.53	7.99	8.61	9.65	14.54	9.40	23.94	24.00