

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)
802.11a	5180	1.405	1.450	96.897	0.137	0.712
802.11n HT20	5180	1.320	1.365	96.703	0.146	0.758
802.11n HT40	5190	0.654	0.705	92.766	0.326	1.529
802.11ac VHT20	5180	0.486	0.538	90.335	0.441	2.058
802.11ac VHT40	5190	0.263	0.317	82.965	0.811	3.802
802.11ac VHT80	5210	0.151	0.205	73.828	1.318	6.614
802.11ac VHT160	5250	0.103	0.151	68.106	1.668	9.756
802.11ax HE20	5180	0.434	0.486	89.300	0.491	2.304
802.11ax HE40	5190	0.273	0.326	83.742	0.771	3.663
802.11ax HE80	5210	0.262	0.315	83.175	0.800	3.817
802.11ax HE160	5250	0.187	0.235	79.574	0.992	5.348

RF power setting in Test SW

Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11a	36	5180	19.5	19.5	19.5	-	QA Tool / MT7981 QA 0.0.2.78
	40	5200	19.5	19.5	19.5	-	
	48	5240	19	19	19	-	
	52	5260	12.5	12.5	12.5	-	
	56	5280	13	13	13	-	
	64	5320	13	13	13	-	
	100	5500	13	13	13	-	
	112	5560	13	13	13	-	
	140	5700	14	14	14	-	
	144	5720	14	14	14	-	
	149	5745	26	26	26	-	
	157	5785	27	27	27	-	
	165	5825	26	26	26	-	
802.11n HT20	36	5180	19	19	19	-	QA Tool / MT7981 QA 0.0.2.78
	40	5200	19.5	19.5	19.5	-	
	48	5240	19	19	19	-	
	52	5260	13	13	13	-	
	56	5280	13	13	13	-	
	64	5320	13.5	13.5	13.5	-	
	100	5500	13.5	13.5	13.5	-	
	112	5560	13.5	13.5	13.5	-	
	140	5700	14	14	14	-	
	144	5720	14	14	14	-	
	149	5745	23	23	23	-	
	157	5785	23	23	23	-	
	165	5825	23	23	23	-	
802.11n HT40	38	5190	17	17	17	-	QA Tool / MT7981 QA 0.0.2.78
	46	5230	21.5	21.5	21.5	-	
	54	5270	15.5	15.5	15.5	-	
	62	5310	15.5	15.5	15.5	-	
	102	5510	15.5	15.5	15.5	-	
	110	5550	15.5	15.5	15.5	-	
	134	5670	16	16	16	-	
	142	5710	16	16	16	-	
	151	5755	23	23	23	-	
	159	5795	23	23	23	-	

RF power setting in Test SW

Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ac VHT20	36	5180	19	19	19	-	QA Tool / MT7981 QA 0.0.2.78
	40	5200	19.5	19.5	19.5	-	
	48	5240	19	19	19	-	
	52	5260	13	13	13	-	
	56	5280	13	13	13	-	
	64	5320	13.5	13.5	13.5	-	
	100	5500	13.5	13.5	13.5	-	
	112	5560	13.5	13.5	13.5	-	
	140	5700	14	14	14	-	
	144	5720	14	14	14	-	
	149	5745	23	23	23	-	
	157	5785	23	23	23	-	
	165	5825	23	23	23	-	
802.11ac VHT40	38	5190	17	17	17	-	QA Tool / MT7981 QA 0.0.2.78
	46	5230	21.5	21.5	21.5	-	
	54	5270	15.5	15.5	15.5	-	
	62	5310	15.5	15.5	15.5	-	
	102	5510	15.5	15.5	15.5	-	
	110	5550	15.5	15.5	15.5	-	
	134	5670	16	16	16	-	
	142	5710	16	16	16	-	
	151	5755	23	23	23	-	
	159	5795	23	23	23	-	
802.11ac VHT80	42	5210	15	15	15	-	QA Tool / MT7981 QA 0.0.2.78
	58	5290	15	15	15	-	
	106	5530	16	16	16	-	
	122	5610	16	16	16	-	
	138	5690	16.5	16.5	16.5	-	
	155	5775	19	19	19	-	
802.11ac VHT160	50	5250	14.5	14.5	14.5	-	QA Tool / MT7981 QA 0.0.2.78
	114	5570	16	16	16	-	

RF power setting in Test SW

Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ax HE20	36	5180	19.5	19.5	19.5	-	QA Tool / MT7981 QA 0.0.2.78
	40	5200	19.5	19.5	19.5	-	
	48	5240	19	19	19	-	
	52	5260	13	13	13	-	
	56	5280	13	13	13	-	
	64	5320	13.5	13.5	13.5	-	
	100	5500	13.5	13.5	13.5	-	
	112	5560	13.5	13.5	13.5	-	
	140	5700	14.5	14.5	14.5	-	
	144	5720	14	14	14	-	
	149	5745	23	23	23	-	
	157	5785	22.5	22.5	22.5	-	
	165	5825	22.5	22.5	22.5	-	
802.11ax HE40	38	5190	17	17	17	-	QA Tool / MT7981 QA 0.0.2.78
	46	5230	21	21	21	-	
	54	5270	15	15	15	-	
	62	5310	15	15	15	-	
	102	5510	15	15	15	-	
	110	5550	15	15	15	-	
	134	5670	15.5	15.5	15.5	-	
	142	5710	15.5	15.5	15.5	-	
	151	5755	22	22	22	-	
	159	5795	22	22	22	-	
802.11ax HE80	42	5210	15	15	15	-	QA Tool / MT7981 QA 0.0.2.78
	58	5290	15.5	15.5	15.5	-	
	106	5530	16	16	16	-	
	122	5610	16	16	16	-	
	138	5690	16.5	16.5	16.5	-	
	155	5775	20	20	20	-	
802.11ax HE160	50	5250	17	17	17	-	QA Tool / MT7981 QA 0.0.2.78
	114	5570	16.5	16.5	16.5	-	

Maximum Conducted Output Power Measurement								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11a	36	5180	19.48	19.84	20.10	-	24.58	30.00
	40	5200	19.63	19.88	20.06	-	24.63	30.00
	48	5240	19.47	19.70	19.96	-	24.48	30.00
	52	5260	13.18	13.43	13.02	-	17.98	24.00
	56	5280	13.73	13.95	13.53	-	18.51	24.00
	64	5320	13.23	13.56	13.14	-	18.08	24.00
	100	5500	13.12	13.37	12.93	-	17.91	24.00
	112	5560	13.41	13.56	13.15	-	18.14	24.00
	140	5700	13.89	13.72	12.96	-	18.31	24.00
	144	5720	14.17	14.01	13.32	-	18.62	22.87
	149	5745	24.08	24.56	23.64	-	28.88	30.00
	157	5785	25.36	24.99	24.29	-	29.67	30.00
	165	5825	24.32	24.21	24.28	-	29.04	30.00
802.11n HT20	36	5180	18.95	19.27	19.47	-	24.00	26.75
	40	5200	19.51	19.73	19.80	-	24.45	26.75
	48	5240	19.30	19.69	19.65	-	24.32	26.75
	52	5260	13.55	13.96	13.39	-	18.41	20.75
	56	5280	13.57	13.76	13.33	-	18.32	20.75
	64	5320	13.52	13.92	13.54	-	18.43	20.75
	100	5500	13.68	13.78	13.59	-	18.45	20.75
	112	5560	13.63	13.86	13.55	-	18.45	20.75
	140	5700	13.94	13.63	12.97	-	18.30	20.75
	144	5720	13.82	13.62	12.94	-	18.24	19.76
	149	5745	21.70	22.05	21.40	-	26.49	26.75
	157	5785	21.90	21.97	21.20	-	26.47	26.75
	165	5825	21.81	21.59	21.59	-	26.43	26.75
802.11n HT40	38	5190	17.06	17.46	17.57	-	22.14	26.75
	46	5230	21.53	21.77	22.11	-	26.58	26.75
	54	5270	15.78	15.93	15.69	-	20.57	20.75
	62	5310	15.61	15.82	15.50	-	20.41	20.75
	102	5510	15.62	15.88	15.39	-	20.40	20.75
	110	5550	15.58	15.86	15.46	-	20.40	20.75
	134	5670	15.68	15.59	15.18	-	20.26	20.75
	142	5710	15.93	15.73	14.99	-	20.34	20.75
	151	5755	21.78	22.09	21.41	-	26.54	26.75
	159	5795	21.68	22.22	21.32	-	26.52	26.75

Maximum Conducted Output Power Measurement								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11ac VHT20	36	5180	19.14	19.44	19.67	-	24.19	26.75
	40	5200	19.66	19.91	20.11	-	24.67	26.75
	48	5240	19.47	19.78	19.92	-	24.50	26.75
	52	5260	13.71	14.04	13.57	-	18.55	20.75
	56	5280	13.70	13.98	13.59	-	18.53	20.75
	64	5320	13.75	14.08	13.70	-	18.62	20.75
	100	5500	13.72	13.97	13.58	-	18.53	20.75
	112	5560	13.95	14.04	13.65	-	18.66	20.75
	140	5700	13.95	13.81	13.07	-	18.40	20.75
	144	5720	14.02	13.86	13.16	-	18.47	19.76
	149	5745	21.83	22.21	21.64	-	26.67	26.75
	157	5785	22.04	22.22	21.59	-	26.73	26.75
	165	5825	22.06	21.96	21.71	-	26.69	26.75
802.11ac VHT40	38	5190	17.25	17.56	17.76	-	22.30	26.75
	46	5230	21.71	21.89	22.23	-	26.72	26.75
	54	5270	15.87	16.13	15.85	-	20.72	20.75
	62	5310	15.78	15.99	15.75	-	20.61	20.75
	102	5510	15.79	15.98	15.55	-	20.55	20.75
	110	5550	15.79	15.97	15.56	-	20.55	20.75
	134	5670	15.91	15.81	15.27	-	20.44	20.75
	142	5710	16.07	15.82	15.19	-	20.48	20.75
	151	5755	21.91	22.33	21.63	-	26.74	26.75
	159	5795	21.93	22.30	21.52	-	26.70	26.75
802.11ac VHT80	42	5210	14.70	14.67	14.82	-	19.50	26.75
	58	5290	14.78	15.05	14.71	-	19.62	20.75
	106	5530	15.60	15.77	15.37	-	20.35	20.75
	122	5610	15.77	15.83	14.94	-	20.30	20.75
	138	5690	16.09	15.97	15.36	-	20.59	20.75
	155	5775	17.73	17.97	17.61	-	22.54	26.75
802.11ac VHT160	50	5250	11.94	12.21	12.41	-	16.96	26.75
	114	5570	13.44	13.64	13.21	-	18.20	20.75

Maximum Conducted Output Power Measurement								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11ax HE20	36	5180	19.75	20.12	20.33	-	24.85	26.75
	40	5200	19.94	20.15	20.38	-	24.93	26.75
	48	5240	19.75	20.16	20.23	-	24.82	26.75
	52	5260	14.02	14.30	13.88	-	18.84	20.75
	56	5280	14.06	14.28	13.94	-	18.87	20.75
	64	5320	13.87	14.15	13.79	-	18.71	20.75
	100	5500	13.84	14.08	13.66	-	18.64	20.75
	112	5560	14.06	14.22	13.90	-	18.83	20.75
	140	5700	14.52	14.39	13.65	-	18.98	20.75
	144	5720	14.28	14.08	13.42	-	18.71	19.78
	149	5745	21.90	22.22	21.66	-	26.71	26.75
	157	5785	21.87	22.11	21.48	-	26.60	26.75
	165	5825	21.96	21.81	21.66	-	26.58	26.75
802.11ax HE40	38	5190	17.49	17.82	17.95	-	22.53	26.75
	46	5230	21.72	21.96	22.17	-	26.73	26.75
	54	5270	15.85	16.19	15.75	-	20.71	20.75
	62	5310	15.86	16.13	15.76	-	20.69	20.75
	102	5510	15.81	16.00	15.59	-	20.57	20.75
	110	5550	15.83	15.99	15.53	-	20.56	20.75
	134	5670	15.97	15.90	15.29	-	20.50	20.75
	142	5710	16.10	15.98	15.32	-	20.59	20.75
	151	5755	21.62	22.01	21.28	-	26.42	26.75
	159	5795	21.71	22.07	21.28	-	26.47	26.75
802.11ax HE80	42	5210	14.92	15.24	15.46	-	19.98	26.75
	58	5290	15.40	15.69	15.35	-	20.25	20.75
	106	5530	15.85	16.09	15.60	-	20.62	20.75
	122	5610	16.06	16.21	15.23	-	20.63	20.75
	138	5690	16.20	16.18	15.48	-	20.74	20.75
	155	5775	19.00	19.39	18.74	-	23.82	26.75
802.11ax HE160	50	5250	14.93	15.26	15.31	-	19.94	26.75
	114	5570	14.45	14.58	14.19	-	19.18	20.75

Maximum Conducted Output Power Measurement_Transmit power control								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11a	52	5260	7.18	7.43	7.02	-	11.98	18.00
	56	5280	7.73	7.95	7.53	-	12.51	18.00
	64	5320	7.23	7.56	7.14	-	12.08	18.00
	100	5500	7.12	7.37	6.93	-	11.91	18.00
	112	5560	7.41	7.56	7.15	-	12.14	18.00
	140	5700	7.89	7.72	6.96	-	12.31	18.00
	144	5720	8.17	8.01	7.32	-	12.62	16.87
802.11n HT20	52	5260	7.55	7.96	7.39	-	12.41	14.75
	56	5280	7.57	7.76	7.33	-	12.32	14.75
	64	5320	7.52	7.92	7.54	-	12.43	14.75
	100	5500	7.68	7.78	7.59	-	12.45	14.75
	112	5560	7.63	7.86	7.55	-	12.45	14.75
	140	5700	7.94	7.63	6.97	-	12.30	14.75
	144	5720	7.82	7.62	6.94	-	12.24	13.76
802.11n HT40	54	5270	9.78	9.93	9.69	-	14.57	14.75
	62	5310	9.61	9.82	9.50	-	14.41	14.75
	102	5510	9.62	9.88	9.39	-	14.40	14.75
	110	5550	9.58	9.86	9.46	-	14.40	14.75
	134	5670	9.68	9.59	9.18	-	14.26	14.75
	142	5710	9.93	9.73	8.99	-	14.34	14.75

Maximum Conducted Output Power Measurement_Transmit power control								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11ac VHT20	52	5260	7.71	8.04	7.57	-	12.55	14.75
	56	5280	7.70	7.98	7.59	-	12.53	14.75
	64	5320	7.75	8.08	7.70	-	12.62	14.75
	100	5500	7.72	7.97	7.58	-	12.53	14.75
	112	5560	7.95	8.04	7.65	-	12.66	14.75
	140	5700	7.95	7.81	7.07	-	12.40	14.75
	144	5720	8.02	7.86	7.16	-	12.47	13.76
802.11ac VHT40	54	5270	9.87	10.13	9.85	-	14.72	14.75
	62	5310	9.78	9.99	9.75	-	14.61	14.75
	102	5510	9.79	9.98	9.55	-	14.55	14.75
	110	5550	9.79	9.97	9.56	-	14.55	14.75
	134	5670	9.91	9.81	9.27	-	14.44	14.75
	142	5710	10.07	9.82	9.19	-	14.48	14.75
802.11ac VHT80	58	5290	8.78	9.05	8.71	-	13.62	14.75
	106	5530	9.60	9.77	9.37	-	14.35	14.75
	122	5610	9.77	9.83	8.94	-	14.30	14.75
	138	5690	10.09	9.97	9.36	-	14.59	14.75
802.11ac VHT160	50	5250	3.01	3.34	3.49		8.06	17.51
	114	5570	7.44	7.64	7.21	-	12.20	14.75

Maximum Conducted Output Power Measurement_Transmit power control								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	dBm
802.11ax HE20	52	5260	8.02	8.30	7.88	-	12.84	14.75
	56	5280	8.06	8.28	7.94	-	12.87	14.75
	64	5320	7.87	8.15	7.79	-	12.71	14.75
	100	5500	7.84	8.08	7.66	-	12.64	14.75
	112	5560	8.06	8.22	7.90	-	12.83	14.75
	140	5700	8.52	8.39	7.65	-	12.98	14.75
	144	5720	8.28	8.08	7.42	-	12.71	13.78
802.11ax HE40	54	5270	9.85	10.19	9.75	-	14.71	14.75
	62	5310	9.86	10.13	9.76	-	14.69	14.75
	102	5510	9.81	10.00	9.59	-	14.57	14.75
	110	5550	9.83	9.99	9.53	-	14.56	14.75
	134	5670	9.97	9.90	9.29	-	14.50	14.75
	142	5710	10.10	9.98	9.32	-	14.59	14.75
802.11ax HE80	58	5290	9.40	9.69	9.35	-	14.25	14.75
	106	5530	9.85	10.09	9.60	-	14.62	14.75
	122	5610	10.06	10.21	9.23	-	14.63	14.75
	138	5690	10.20	10.18	9.48	-	14.74	14.75
802.11ax HE160	50	5250	5.89	6.28	6.26	-	10.92	18.00
	114	5570	8.45	8.58	8.19	-	13.18	14.75

26 dB & 99 % RF Bandwidth Measurement

Mode	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	17.263	17.114	17.010	-	28.710	28.700	29.120	-
	40	5200	17.281	17.214	17.140	-	29.770	29.120	27.730	-
	48	5240	17.196	16.998	16.968	-	24.140	22.530	23.990	-
	52	5260	16.896	16.740	16.667	-	22.100	21.570	20.740	-
	56	5280	16.927	16.750	16.693	-	21.760	21.310	21.120	-
	64	5320	17.268	17.159	17.117	-	31.140	27.430	27.750	-
	100	5500	17.284	17.129	17.008	-	30.420	29.840	25.780	-
	112	5560	16.879	16.769	16.654	-	21.800	21.560	20.900	-
	140	5700	17.085	17.106	16.978	-	29.270	28.010	24.750	-
	144	5720	13.404	13.358	13.297	-	15.880	15.470	15.380	-
802.11ac VHT20	36	5180	18.333	18.195	18.189	-	34.220	33.000	29.470	-
	40	5200	18.419	18.226	18.198	-	32.600	29.940	30.530	-
	48	5240	18.146	17.978	17.965	-	23.710	23.440	23.060	-
	52	5260	18.044	17.846	17.833	-	22.350	22.050	21.610	-
	56	5280	18.056	17.873	17.832	-	23.230	21.720	21.550	-
	64	5320	18.320	18.197	18.169	-	30.940	28.840	28.890	-
	100	5500	18.319	18.151	18.151	-	28.650	30.450	29.270	-
	112	5560	18.027	17.858	17.862	-	22.560	21.850	21.700	-
	140	5700	18.274	18.119	18.094	-	26.260	26.690	27.060	-
	144	5720	13.985	13.888	13.882	-	16.040	15.980	15.890	-
802.11ac VHT40	38	5190	36.870	36.631	36.608	-	58.760	55.360	55.410	-
	46	5230	37.297	37.029	37.879	-	71.840	67.090	75.490	-
	54	5270	36.411	36.384	36.281	-	41.060	40.640	40.620	-
	62	5310	36.797	36.711	36.680	-	58.150	58.030	57.800	-
	102	5510	36.854	36.686	36.652	-	55.790	55.410	55.360	-
	110	5550	36.319	36.388	36.259	-	41.120	41.090	41.020	-
	134	5670	37.090	36.849	36.811	-	66.680	64.870	63.060	-
	142	5710	32.982	32.964	32.948	-	35.580	35.420	35.460	-
802.11ac VHT80	42	5210	75.703	75.728	75.520	-	105.840	109.240	109.940	-
	58	5290	75.722	75.709	75.573	-	102.050	108.870	99.130	-
	106	5530	75.554	75.600	75.691	-	109.110	107.850	105.840	-
	122	5610	75.257	75.302	75.313	-	80.250	80.440	80.070	-
	138	5690	72.164	72.109	72.292	-	75.370	75.210	75.170	-
802.11ac VHT160	50	5250	76.790	76.800	76.472	-	83.190	80.710	82.710	-
	50	5250	76.771	76.394	76.406	-	86.420	86.290	86.230	-
	114	5570	154.090	154.017	153.934	-	167.360	167.880	167.940	-

26 dB & 99 % RF Bandwidth Measurement

Mode	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
802.11ax HE20	36	5180	19.286	19.252	19.231	-	30.310	32.670	27.870	-
	40	5200	19.280	19.250	19.316	-	26.690	30.990	27.170	-
	48	5240	18.959	18.948	18.965	-	20.100	20.120	20.150	-
	52	5260	19.112	19.052	19.089	-	23.080	22.040	21.820	-
	56	5280	19.151	19.056	19.068	-	22.400	22.100	21.970	-
	64	5320	19.195	19.203	19.224	-	27.370	30.440	26.960	-
	100	5500	19.173	19.217	19.200	-	27.320	27.940	29.300	-
	112	5560	19.084	19.091	19.134	-	22.290	22.580	21.730	-
	140	5700	19.216	19.202	19.146	-	29.050	26.590	26.220	-
	144	5720	14.507	14.528	14.509	-	16.280	16.130	15.960	-
802.11ax HE40	38	5190	37.807	37.755	37.897	-	47.120	45.540	45.730	-
	46	5230	37.847	37.959	38.171	-	47.280	60.330	62.210	-
	54	5270	37.677	37.568	37.644	-	39.970	39.920	40.030	-
	62	5310	37.885	37.875	37.836	-	50.190	49.540	48.200	-
	102	5510	37.926	37.873	37.779	-	47.710	46.720	48.490	-
	110	5550	37.599	37.633	37.656	-	39.870	39.910	39.850	-
	134	5670	37.959	37.916	37.888	-	52.930	57.790	47.930	-
	142	5710	33.669	33.624	33.584	-	34.910	34.880	34.860	-
802.11ax HE80	42	5210	77.264	77.289	77.152	-	93.270	98.960	86.260	-
	58	5290	77.228	77.314	77.240	-	100.630	99.970	87.170	-
	106	5530	77.070	77.206	77.165	-	92.350	91.830	91.940	-
	122	5610	76.882	76.951	76.899	-	81.040	80.990	80.850	-
	138	5690	73.013	72.848	73.049	-	75.580	75.620	75.470	-
802.11ax HE160	50	5250	77.615	77.864	77.701	-	83.370	83.730	83.100	-
	50	5250	77.966	77.839	77.782	-	82.110	84.720	81.630	-
	114	5570	155.199	155.876	155.652	-	166.120	169.230	167.430	-

Band III_6 dB & 99 % RF Bandwidth Measurement

Mode	CH	Freq. (MHz)	99 % Bandwidth				6 dB Bandwidth				6dB Limit
			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	3.833	3.767	3.759	-	3153.00	3167.00	3157.00	-	≥ 500 kHz
	149	5745	28.036	33.760	32.487	-	16320.00	16360.00	16330.00	-	
	157	5785	39.815	42.849	44.925	-	16400.00	16360.00	16380.00	-	
	165	5825	32.929	34.636	45.088	-	16340.00	16350.00	16370.00	-	
802.11ac VHT20	144	5720	4.285	4.373	4.211	-	3783.00	3784.00	3780.00	-	
	149	5745	19.534	20.613	20.674	-	17290.00	17580.00	17570.00	-	
	157	5785	19.654	20.795	20.748	-	17550.00	17580.00	17570.00	-	
	165	5825	20.334	19.947	22.268	-	17550.00	17580.00	17580.00	-	
802.11ac VHT40	142	5710	3.863	3.852	3.776	-	3158.00	3166.00	3148.00	-	
	151	5755	39.475	41.572	41.595	-	35130.00	35120.00	35110.00	-	
	159	5795	38.780	44.279	43.824	-	35140.00	35130.00	35120.00	-	
802.11ac VHT80	138	5690	3.789	3.720	3.725	-	3138.00	3162.00	3140.00	-	
	155	5775	75.149	75.248	75.266	-	75150.00	75150.00	75140.00	-	
802.11ax HE20	144	5720	4.701	4.665	4.649	-	4501.00	4499.00	4511.00	-	
	149	5745	19.635	20.620	20.793	-	18540.00	18560.00	18830.00	-	
	157	5785	19.603	19.957	20.017	-	18570.00	18690.00	18730.00	-	
	165	5825	19.743	20.034	20.279	-	18320.00	18810.00	18740.00	-	
802.11ax HE40	142	5710	4.112	4.134	4.114	-	3984.00	4003.00	3997.00	-	
	151	5755	38.241	38.520	38.397	-	37050.00	35120.00	35320.00	-	
	159	5795	38.413	38.844	38.690	-	35140.00	35130.00	35580.00	-	
802.11ax HE80	138	5690	4.200	4.208	4.193	-	3964.00	4008.00	3871.00	-	
	155	5775	77.049	76.918	76.992	-	75150.00	75150.00	75140.00	-	

Power Spectral Density Measurement

Mode	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	8.442	8.622	9.009	-	0.137	13.605	13.750
	40	5200	8.358	8.580	9.100	-	0.137	13.598	13.750
	48	5240	8.311	8.657	8.833	-	0.137	13.514	13.750
	52	5260	2.410	2.456	2.213	-	0.137	7.269	7.750
	56	5280	2.708	2.826	2.737	-	0.137	7.665	7.750
	64	5320	2.159	2.517	2.091	-	0.137	7.168	7.750
	100	5500	2.457	2.467	2.210	-	0.137	7.288	7.750
	112	5560	2.602	2.609	2.332	-	0.137	7.424	7.750
	140	5700	2.700	2.578	1.768	-	0.137	7.276	7.750
	144	5720	2.885	2.969	2.301	-	0.137	7.636	7.750
802.11ac VHT20	36	5180	7.813	8.094	8.362	-	0.441	13.308	13.750
	40	5200	8.173	8.332	8.345	-	0.441	13.497	13.750
	48	5240	8.023	8.172	8.139	-	0.441	13.325	13.750
	52	5260	2.317	2.595	2.004	-	0.441	7.525	7.750
	56	5280	2.091	2.462	2.072	-	0.441	7.425	7.750
	64	5320	1.931	2.418	1.998	-	0.441	7.334	7.750
	100	5500	2.066	2.605	1.834	-	0.441	7.393	7.750
	112	5560	2.331	2.469	2.072	-	0.441	7.506	7.750
	140	5700	2.433	2.108	1.527	-	0.441	7.251	7.750
	144	5720	2.598	2.337	1.920	-	0.441	7.507	7.750
802.11ac VHT40	38	5190	3.071	3.446	3.410	-	0.811	8.895	13.750
	46	5230	7.425	7.858	8.145	-	0.811	13.402	13.750
	54	5270	1.768	2.128	1.761	-	0.811	7.471	7.750
	62	5310	1.716	1.665	1.256	-	0.811	7.133	7.750
	102	5510	1.493	1.668	1.421	-	0.811	7.111	7.750
	110	5550	1.716	1.893	1.401	-	0.811	7.257	7.750
	134	5670	1.520	0.967	0.657	-	0.811	6.645	7.750
	142	5710	1.760	1.753	0.976	-	0.811	7.094	7.750
802.11ac VHT80	42	5210	-2.945	-2.644	-2.344	-	1.318	3.451	13.750
	58	5290	-3.318	-2.772	-2.651	-	1.318	3.185	7.750
	106	5530	-1.681	-1.506	-2.057	-	1.318	4.347	7.750
	122	5610	-1.819	-1.692	-2.710	-	1.318	4.038	7.750
	138	5690	-1.325	-1.290	-2.466	-	1.318	4.429	7.750
802.11ac VHT160	50	5250	-7.577	-7.017	-7.416	-	1.668	-0.891	13.750
	50	5250	-7.924	-7.312	-7.226	-	1.668	-1.037	7.750
	114	5570	-6.330	-6.280	-6.543	-	1.668	0.056	7.750

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

Power Spectral Density Measurement

Mode	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	
802.11ax HE20	36	5180	8.251	8.088	8.481	-	0.491	13.539	13.750
	40	5200	7.881	8.217	8.425	-	0.491	13.443	13.750
	48	5240	7.834	7.993	8.479	-	0.491	13.374	13.750
	52	5260	1.964	2.316	2.064	-	0.491	7.380	7.750
	56	5280	2.292	2.354	1.756	-	0.491	7.405	7.750
	64	5320	1.952	2.103	1.958	-	0.491	7.267	7.750
	100	5500	1.882	2.176	1.984	-	0.491	7.278	7.750
	112	5560	2.126	2.648	2.201	-	0.491	7.594	7.750
	140	5700	2.732	2.503	1.836	-	0.491	7.636	7.750
	144	5720	2.514	1.873	1.683	-	0.491	7.301	7.750
802.11ax HE40	38	5190	3.056	3.692	3.679	-	0.771	9.027	13.750
	46	5230	7.491	8.281	8.163	-	0.771	13.534	13.750
	54	5270	1.889	2.181	1.502	-	0.771	7.408	7.750
	62	5310	1.630	1.614	1.546	-	0.771	7.138	7.750
	102	5510	1.523	1.944	1.332	-	0.771	7.149	7.750
	110	5550	1.430	1.911	1.161	-	0.771	7.053	7.750
	134	5670	1.442	1.085	0.674	-	0.771	6.620	7.750
	142	5710	1.667	1.371	1.017	-	0.771	6.902	7.750
802.11ax HE80	42	5210	-2.616	-2.152	-2.135	-	0.800	3.276	13.750
	58	5290	-1.759	-1.524	-1.983	-	0.800	3.820	7.750
	106	5530	-1.269	-0.549	-1.615	-	0.800	4.450	7.750
	122	5610	-0.977	-1.245	-1.873	-	0.800	4.222	7.750
	138	5690	-0.845	-0.879	-2.050	-	0.800	4.348	7.750
802.11ax HE160	50	5250	-4.673	-4.357	-4.146	-	0.992	1.377	13.750
	50	5250	-4.860	-4.606	-4.081	-	0.992	1.260	7.750
	114	5570	-5.387	-5.462	-5.452	-	0.992	0.330	7.750

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

Band III_ Power Spectral Density Measurement														
Mode	CH	Frequency (MHz)	Measurement								Duty Factor	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	dB	dBm/500 kHz	dBm/500 kHz	
802.11a	144	5720	-6.895	0.232	-7.199	-0.072	-7.300	-0.173	-	-	0.137	4.770	26.75	PASS
	149	5745	4.052	11.179	4.883	12.010	3.928	11.055	-	-	0.137	16.207	26.75	PASS
	157	5785	5.094	12.220	4.613	11.740	3.881	11.007	-	-	0.137	16.455	26.75	PASS
	165	5825	4.321	11.448	3.948	11.075	4.150	11.276	-	-	0.137	16.040	26.75	PASS
802.11ac VHT20	144	5720	-7.855	-0.424	-7.533	-0.102	-8.469	-1.038	-	-	0.441	4.267	26.75	PASS
	149	5745	1.510	8.941	2.275	9.706	1.751	9.182	-	-	0.441	14.059	26.75	PASS
	157	5785	1.819	9.250	1.692	9.123	1.213	8.644	-	-	0.441	13.785	26.75	PASS
	165	5825	2.329	9.761	2.007	9.438	1.567	8.998	-	-	0.441	14.181	26.75	PASS
802.11ac VHT40	142	5710	-10.022	-2.221	-9.141	-1.340	-10.465	-2.664	-	-	0.811	2.731	26.75	PASS
	151	5755	-0.543	7.258	-0.170	7.631	-0.793	7.008	-	-	0.811	12.078	26.75	PASS
	159	5795	-1.131	6.670	-0.419	7.382	-1.380	6.421	-	-	0.811	11.615	26.75	PASS
802.11ac VHT80	138	5690	-13.239	-4.931	-12.225	-3.918	-12.567	-4.259	-	-	1.318	0.422	26.75	PASS
	155	5775	-8.034	0.273	-7.236	1.072	-7.839	0.468	-	-	1.318	5.389	26.75	PASS
802.11ax HE20	144	5720	-7.780	-0.298	-7.975	-0.494	-9.320	-1.838	-	-	0.491	3.946	26.75	PASS
	149	5745	1.134	8.615	1.401	8.882	1.000	8.481	-	-	0.491	13.434	26.75	PASS
	157	5785	0.726	8.207	0.687	8.168	0.994	8.476	-	-	0.491	13.057	26.75	PASS
	165	5825	0.363	7.845	0.469	7.950	0.337	7.818	-	-	0.491	12.643	26.75	PASS
802.11ax HE40	142	5710	-10.820	-3.060	-11.102	-3.341	-11.119	-3.359	-	-	0.771	1.520	26.75	PASS
	151	5755	-2.205	5.555	-1.548	6.213	-2.955	4.805	-	-	0.771	10.333	26.75	PASS
	159	5795	-2.311	5.449	-2.141	5.619	-3.235	4.525	-	-	0.771	9.995	26.75	PASS
802.11ax HE80	138	5690	-14.048	-6.259	-13.474	-5.684	-14.424	-6.634	-	-	0.800	-1.403	26.75	PASS
	155	5775	-6.755	1.035	-6.723	1.067	-6.966	0.824	-	-	0.800	5.748	26.75	PASS

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

Conversion ration = 10*Log(500 k/100 k)

Duty cycle (Beamforming on)						
Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11n HT20	5180	2.520	2.810	89.680	0.473	0.397
802.11n HT40	5190	2.430	2.730	89.011	0.506	0.412
802.11ac VHT20	5180	2.535	2.820	89.894	0.463	0.394
802.11ac VHT40	5190	2.450	2.720	90.074	0.454	0.408
802.11ac VHT80	5210	0.037	0.061	60.784	2.162	26.882
802.11ac VHT160	5250	0.036	0.060	59.801	2.233	27.778
802.11ax HE20	5180	3.825	4.185	91.398	0.391	0.261
802.11ax HE40	5190	1.950	2.250	86.667	0.621	0.513
802.11ax HE80	5210	0.955	1.040	91.827	0.370	1.047
802.11ax HE160	5250	0.507	0.594	85.354	0.688	1.972

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	36	36	36	-	Command
	40	5200	37	37	37	-	
	48	5240	37	37	37	-	
	52	5260	25	25	25	-	
	56	5280	25	25	25	-	
	64	5320	25	25	25	-	
	100	5500	26	26	26	-	
	112	5560	26	26	26	-	
	140	5700	26	26	26	-	
	144	5720	26	26	26	-	
	149	5745	44	44	44	-	
	157	5785	44	44	44	-	
	165	5825	44	44	44	-	
802.11n HT40	38	5190	33	33	33	-	Command
	46	5230	41	41	41	-	
	54	5270	30	30	30	-	
	62	5310	30	30	30	-	
	102	5510	30	30	30	-	
	110	5550	30	30	30	-	
	134	5670	30	30	30	-	
	142	5710	30	30	30	-	
	151	5755	44	44	44	-	
	159	5795	44	44	44	-	

RF power setting in Test SW

Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ac VHT20	36	5180	36	36	36	-	Command
	40	5200	37	37	37	-	
	48	5240	37	37	37	-	
	52	5260	25	25	25	-	
	56	5280	25	25	25	-	
	64	5320	25	25	25	-	
	100	5500	25	25	25	-	
	112	5560	26	26	26	-	
	140	5700	26	26	26	-	
	144	5720	26	26	26	-	
	149	5745	44	44	44	-	
	157	5785	44	44	44	-	
	165	5825	44	44	44	-	
802.11ac VHT40	38	5190	33	33	33	-	Command
	46	5230	40	40	40	-	
	54	5270	30	30	30	-	
	62	5310	30	30	30	-	
	102	5510	30	30	30	-	
	110	5550	30	30	30	-	
	134	5670	30	30	30	-	
	142	5710	30	30	30	-	
	151	5755	44	44	44	-	
	159	5795	44	44	44	-	
802.11ac VHT80	42	5210	28	28	28	-	Command
	58	5290	29	29	29	-	
	106	5530	30	30	30	-	
	122	5610	30	30	30	-	
	138	5690	30	30	30	-	
	155	5775	36	36	36	-	
802.11ac VHT160	50	5250	25	25	25	-	Command
	114	5570	29	29	29	-	

RF power setting in Test SW

Mode	CH	Frequency (MHz)	Ant-0	Ant-1	Ant-2	Ant-3	Test SW Version
802.11ax HE20	36	5180	38	38	38	-	Command
	40	5200	37	37	37	-	
	48	5240	37	37	37	-	
	52	5260	25	25	25	-	
	56	5280	25	25	25	-	
	64	5320	25	25	25	-	
	100	5500	25	25	25	-	
	112	5560	26	26	26	-	
	140	5700	27	27	27	-	
	144	5720	27	27	27	-	
	149	5745	44	44	44	-	
	157	5785	44	44	44	-	
	165	5825	44	44	44	-	
802.11ax HE40	38	5190	33	33	33	-	Command
	46	5230	40	40	40	-	
	54	5270	28	28	28	-	
	62	5310	30	30	30	-	
	102	5510	30	30	30	-	
	110	5550	30	30	30	-	
	134	5670	30	30	30	-	
	142	5710	30	30	30	-	
	151	5755	43	43	43	-	
	159	5795	44	44	44	-	
802.11ax HE80	42	5210	28	28	28	-	Command
	58	5290	29	29	29	-	
	106	5530	30	30	30	-	
	122	5610	30	30	30	-	
	138	5690	30	30	30	-	
	155	5775	39	39	39	-	
802.11ax HE160	50	5250	33	33	33	-	Command
	114	5570	31	31	31	-	

Maximum Conducted Output Power Measurement (Beamforming on)								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11n HT20	36	5180	18.54	18.88	18.84	-	23.53	26.75
	40	5200	19.06	19.20	19.32	-	23.97	26.75
	48	5240	18.78	19.35	19.23	-	23.90	26.75
	52	5260	13.51	13.84	13.24	-	18.31	20.75
	56	5280	13.30	13.38	13.00	-	18.00	20.75
	64	5320	13.31	13.58	12.94	-	18.06	20.75
	100	5500	13.21	13.45	13.08	-	18.02	20.75
	112	5560	13.29	13.45	13.11	-	18.06	20.75
	140	5700	13.37	13.28	12.26	-	17.77	20.75
	144	5720	13.04	13.07	12.20	-	17.56	19.76
	149	5745	21.33	21.70	20.89	-	26.09	26.75
	157	5785	21.20	21.45	20.78	-	25.93	26.75
	165	5825	21.42	21.68	21.01	-	26.15	26.75
802.11n HT40	38	5190	16.83	17.13	17.38	-	21.89	26.75
	46	5230	20.85	21.10	21.15	-	25.80	26.75
	54	5270	15.71	16.02	15.51	-	20.52	20.75
	62	5310	15.60	15.79	15.16	-	20.29	20.75
	102	5510	14.98	15.18	15.06	-	19.84	20.75
	110	5550	14.96	14.97	14.92	-	19.72	20.75
	134	5670	15.05	14.98	14.95	-	19.76	20.75
	142	5710	15.11	15.18	14.19	-	19.62	20.75
	151	5755	21.34	21.54	20.83	-	26.01	26.75
	159	5795	21.25	21.40	20.58	-	25.86	26.75

Maximum Conducted Output Power Measurement								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11ac VHT20	36	5180	18.54	18.92	19.06	-	23.62	26.75
	40	5200	19.18	19.48	19.59	-	24.19	26.75
	48	5240	18.91	19.39	19.37	-	24.00	26.75
	52	5260	13.74	14.04	13.43	-	18.52	20.75
	56	5280	13.27	13.46	13.00	-	18.02	20.75
	64	5320	13.25	13.72	13.18	-	18.16	20.75
	100	5500	13.18	13.52	13.09	-	18.04	20.75
	112	5560	13.90	14.03	13.60	-	18.62	20.75
	140	5700	13.37	13.27	12.45	-	17.82	20.75
	144	5720	13.08	13.06	12.30	-	17.60	19.76
	149	5745	21.41	21.73	21.11	-	26.20	26.75
	157	5785	21.48	21.59	20.46	-	25.98	26.75
	165	5825	21.73	21.55	20.99	-	26.21	26.75
802.11ac VHT40	38	5190	17.04	17.32	17.42	-	22.04	26.75
	46	5230	20.79	21.21	21.27	-	25.87	26.75
	54	5270	15.82	16.09	15.70	-	20.65	20.75
	62	5310	15.73	16.02	15.65	-	20.58	20.75
	102	5510	14.89	15.29	15.03	-	19.85	20.75
	110	5550	15.25	15.12	14.93	-	19.88	20.75
	134	5670	15.36	15.23	14.41	-	19.80	20.75
	142	5710	15.54	15.45	14.70	-	20.02	20.75
	151	5755	21.75	22.07	21.31	-	26.50	26.75
	159	5795	21.14	21.58	20.58	-	25.89	26.75
802.11ac VHT80	42	5210	14.02	14.28	14.13	-	18.92	26.75
	58	5290	14.68	14.90	14.45	-	19.45	20.75
	106	5530	14.88	15.10	14.55	-	19.62	20.75
	122	5610	15.02	15.19	14.04	-	19.55	20.75
	138	5690	15.17	15.31	14.15	-	19.68	20.75
	155	5775	17.12	17.49	16.73	-	21.90	26.75
802.11ac VHT160	50	5250	11.79	12.12	11.99	-	16.74	26.75
	114	5570	13.48	13.65	13.09	-	18.19	20.75

Maximum Conducted Output Power Measurement								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11ax HE20	36	5180	19.64	19.98	19.99	-	24.64	26.75
	40	5200	19.18	19.57	19.59	-	24.22	26.75
	48	5240	19.24	19.77	19.80	-	24.38	26.75
	52	5260	13.53	13.71	13.17	-	18.25	20.75
	56	5280	13.48	13.71	13.43	-	18.31	20.75
	64	5320	13.67	14.05	13.03	-	18.38	20.75
	100	5500	13.29	13.51	12.79	-	17.98	20.75
	112	5560	13.89	14.13	13.63	-	18.66	20.75
	140	5700	13.86	13.81	12.97	-	18.34	20.75
	144	5720	14.10	13.97	12.83	-	18.44	19.78
	149	5745	21.45	21.90	21.19	-	26.30	26.75
	157	5785	21.28	21.43	20.35	-	25.82	26.75
	165	5825	21.71	21.58	21.08	-	26.24	26.75
802.11ax HE40	38	5190	17.34	17.57	17.45	-	22.23	26.75
	46	5230	21.10	21.52	21.59	-	26.18	26.75
	54	5270	15.47	15.76	15.16	-	20.24	20.75
	62	5310	15.94	16.09	15.52	-	20.63	20.75
	102	5510	15.18	15.56	15.26	-	20.11	20.75
	110	5550	15.52	15.30	15.12	-	20.09	20.75
	134	5670	15.61	15.41	14.70	-	20.03	20.75
	142	5710	15.76	15.73	14.94	-	20.27	20.75
	151	5755	21.50	21.85	21.06	-	26.25	26.75
	159	5795	21.36	21.81	20.83	-	26.12	26.75
802.11ax HE80	42	5210	14.19	14.53	14.39	-	19.14	26.75
	58	5290	14.86	15.21	14.74	-	19.71	20.75
	106	5530	15.20	15.32	14.80	-	19.89	20.75
	122	5610	15.32	15.48	14.31	-	19.84	20.75
	138	5690	15.41	15.53	14.37	-	19.91	20.75
	155	5775	18.99	19.28	18.57	-	23.73	26.75
802.11ax HE160	50	5250	14.72	15.00	15.08	-	19.71	26.75
	114	5570	13.60	13.83	13.31	-	18.35	20.75

Maximum Conducted Output Power Measurement_Transmit power control (Beamforming on)								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11n HT20	52	5260	7.51	7.84	7.24	-	12.31	14.75
	56	5280	7.30	7.38	7.00	-	12.00	14.75
	64	5320	7.31	7.58	6.94	-	12.06	14.75
	100	5500	7.21	7.45	7.08	-	12.02	14.75
	112	5560	7.29	7.45	7.11	-	12.06	14.75
	140	5700	7.37	7.28	6.26	-	11.77	14.75
	144	5720	7.04	7.07	6.20	-	11.56	13.76
802.11n HT40	54	5270	9.71	10.02	9.51	-	14.52	14.75
	62	5310	9.60	9.79	9.16	-	14.29	14.75
	102	5510	8.98	9.18	9.06	-	13.84	14.75
	110	5550	8.96	8.97	8.92	-	13.72	14.75
	134	5670	9.05	8.98	8.95	-	13.76	14.75
	142	5710	9.11	9.18	8.19	-	13.62	14.75

Maximum Conducted Output Power Measurement_Transmit power control								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	
802.11ac VHT20	52	5260	7.74	8.04	7.43	-	12.52	14.75
	56	5280	7.27	7.46	7.00	-	12.02	14.75
	64	5320	7.25	7.72	7.18	-	12.16	14.75
	100	5500	7.18	7.52	7.09	-	12.04	14.75
	112	5560	7.90	8.03	7.60	-	12.62	14.75
	140	5700	7.37	7.27	6.45	-	11.82	14.75
	144	5720	7.08	7.06	6.30	-	11.60	13.76
802.11ac VHT40	54	5270	9.82	10.09	9.70	-	14.65	14.75
	62	5310	9.73	10.02	9.65	-	14.58	14.75
	102	5510	8.89	9.29	9.03	-	13.85	14.75
	110	5550	9.25	9.12	8.93	-	13.88	14.75
	134	5670	9.36	9.23	8.41	-	13.80	14.75
	142	5710	9.54	9.45	8.70	-	14.02	14.75
802.11ac VHT80	58	5290	8.68	8.90	8.45	-	13.45	14.75
	106	5530	8.88	9.10	8.55	-	13.62	14.75
	122	5610	9.02	9.19	8.04	-	13.55	14.75
	138	5690	9.17	9.31	8.15	-	13.68	14.75
802.11ac VHT160	50	5250	2.86	3.26	3.07		7.84	17.51
	114	5570	7.48	7.65	7.09	-	12.19	14.75

Maximum Conducted Output Power Measurement_Transmit power control								
Mode	CH	Frequency (MHz)	Average power					Limit
			Ant-0	Ant-1	Ant-2	Ant-3	Total	
			dBm	dBm	dBm	dBm	dBm	dBm
802.11ax HE20	52	5260	7.53	7.71	7.17	-	12.25	14.75
	56	5280	7.48	7.71	7.43	-	12.31	14.75
	64	5320	7.67	8.05	7.03	-	12.38	14.75
	100	5500	7.29	7.51	6.79	-	11.98	14.75
	112	5560	7.89	8.13	7.63	-	12.66	14.75
	140	5700	7.86	7.81	6.97	-	12.34	14.75
	144	5720	8.10	7.97	6.83	-	12.44	13.78
802.11ax HE40	54	5270	9.47	9.76	9.16	-	14.24	14.75
	62	5310	9.94	10.09	9.52	-	14.63	14.75
	102	5510	9.18	9.56	9.26	-	14.11	14.75
	110	5550	9.52	9.30	9.12	-	14.09	14.75
	134	5670	9.61	9.41	8.70	-	14.03	14.75
	142	5710	9.76	9.73	8.94	-	14.27	14.75
802.11ax HE80	58	5290	8.86	9.21	8.74	-	13.71	14.75
	106	5530	9.20	9.32	8.80	-	13.89	14.75
	122	5610	9.32	9.48	8.31	-	13.84	14.75
	138	5690	9.41	9.53	8.37	-	13.91	14.75
802.11ax HE160	50	5250	5.67	6.01	6.03		10.68	18.00
	114	5570	7.60	7.83	7.31	-	12.35	14.75