

Appendix A. Test Data

1X1

Duty cycle						
Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11a	5180	0.846	0.891	94.949	0.225	1.182
802.11n HT20	5180	1.035	1.080	95.833	0.185	0.966
802.11n HT40	5190	0.528	0.573	92.147	0.355	1.894
802.11ac VHT20	5180	1.055	1.100	95.909	0.181	0.948
802.11ac VHT40	5190	0.532	0.582	91.409	0.390	1.880
802.11ac VHT80	5210	0.271	0.322	84.161	0.749	3.690
802.11ax HE20	5180	1.038	1.086	95.580	0.196	0.963
802.11ax HE40	5190	0.556	0.606	91.749	0.374	1.799
802.11ax HE80	5210	0.756	0.804	94.030	0.267	1.323

Maximum Conducted Output Power Measurement

Test Mode	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	
802.11a	6M	36	5180	20.61	-	-	-	-	30.00
		40	5200	24.03	-	-	-	-	30.00
		44	5220	23.85	-	-	-	-	30.00
		48	5240	22.22	-	-	-	-	30.00
		52	5260	19.75	-	-	-	-	24.00
		56	5280	19.73	-	-	-	-	24.00
		60	5300	19.64	-	-	-	-	24.00
		64	5320	20.26	-	-	-	-	24.00
		100	5500	20.34	-	-	-	-	24.00
		112	5560	19.89	-	-	-	-	24.00
		116	5580	19.80	-	-	-	-	24.00
		124	5620	19.72	-	-	-	-	24.00
		132	5660	19.65	-	-	-	-	24.00
		140	5700	19.85	-	-	-	-	24.00
		144	5720	20.16	-	-	-	-	23.73
		144	5720	11.92	-	-	-	-	30.00
		149	5745	22.73	-	-	-	-	30.00
		157	5785	22.59	-	-	-	-	30.00
		165	5825	22.78	-	-	-	-	30.00
802.11n HT20	6.5M	36	5180	19.64	-	-	-	-	30.00
		40	5200	23.95	-	-	-	-	30.00
		44	5220	23.91	-	-	-	-	30.00
		48	5240	21.23	-	-	-	-	30.00
		52	5260	19.88	-	-	-	-	24.00
		56	5280	20.00	-	-	-	-	24.00
		60	5300	19.83	-	-	-	-	24.00
		64	5320	19.93	-	-	-	-	24.00
		100	5500	20.13	-	-	-	-	24.00
		112	5560	20.12	-	-	-	-	24.00
		116	5580	19.97	-	-	-	-	24.00
		124	5620	20.04	-	-	-	-	24.00
		132	5660	19.88	-	-	-	-	24.00
		140	5700	19.16	-	-	-	-	24.00
		144	5720	20.67	-	-	-	-	22.87
		144	5720	12.93	-	-	-	-	30.00
		149	5745	21.94	-	-	-	-	30.00
		157	5785	21.50	-	-	-	-	30.00
		165	5825	22.05	-	-	-	-	30.00
802.11n HT40	13.5M	38	5190	18.17	-	-	-	-	30.00
		46	5230	21.42	-	-	-	-	30.00
		54	5270	22.69	-	-	-	-	24.00
		62	5310	19.01	-	-	-	-	24.00
		102	5510	20.09	-	-	-	-	24.00
		110	5550	22.72	-	-	-	-	24.00
		126	5630	22.32	-	-	-	-	24.00
		134	5670	21.56	-	-	-	-	24.00
		142	5710	23.79	-	-	-	-	24.00
		142	5710	11.00	-	-	-	-	30.00
		151	5755	21.80	-	-	-	-	30.00
		159	5795	21.57	-	-	-	-	30.00

Test Mode	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	6.5M	36	5180	19.82	-	-	-	-	30.00
		40	5200	24.05	-	-	-	-	30.00
		44	5220	23.99	-	-	-	-	30.00
		48	5240	21.65	-	-	-	-	30.00
		52	5260	20.21	-	-	-	-	24.00
		56	5280	20.22	-	-	-	-	24.00
		60	5300	20.09	-	-	-	-	24.00
		64	5320	20.10	-	-	-	-	24.00
		100	5500	20.23	-	-	-	-	24.00
		112	5560	20.31	-	-	-	-	24.00
		116	5580	20.22	-	-	-	-	24.00
		124	5620	20.23	-	-	-	-	24.00
		132	5660	20.10	-	-	-	-	24.00
		140	5700	19.35	-	-	-	-	24.00
		144	5720	20.67	-	-	-	-	22.87
		144	5720	12.95	-	-	-	-	30.00
		149	5745	22.22	-	-	-	-	30.00
		157	5785	21.86	-	-	-	-	30.00
		165	5825	22.34	-	-	-	-	30.00
802.11ac VHT40	13.5M	38	5190	18.28	-	-	-	-	30.00
		46	5230	21.55	-	-	-	-	30.00
		54	5270	22.92	-	-	-	-	24.00
		62	5310	19.27	-	-	-	-	24.00
		102	5510	20.35	-	-	-	-	24.00
		110	5550	22.89	-	-	-	-	24.00
		126	5630	22.69	-	-	-	-	24.00
		134	5670	21.94	-	-	-	-	24.00
		142	5710	23.81	-	-	-	-	24.00
		142	5710	11.08	-	-	-	-	30.00
		151	5755	21.97	-	-	-	-	30.00
		159	5795	21.72	-	-	-	-	30.00
802.11ac VHT80	29.3M	42	5210	17.96	-	-	-	-	30.00
		58	5290	18.81	-	-	-	-	24.00
		106	5530	19.89	-	-	-	-	24.00
		122	5610	23.13	-	-	-	-	24.00
		138	5690	23.83	-	-	-	-	24.00
		138	5690	7.59	-	-	-	-	30.00
		155	5775	21.66	-	-	-	-	30.00

Test Mode	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	20.21	-	-	-	-	30.00
		40	5200	Full	24.22	-	-	-	-	30.00
		44	5220	Full	24.14	-	-	-	-	30.00
		48	5240	Full	22.10	-	-	-	-	30.00
		52	5260	Full	20.70	-	-	-	-	24.00
		56	5280	Full	20.56	-	-	-	-	24.00
		60	5300	Full	20.50	-	-	-	-	24.00
		64	5320	Full	20.46	-	-	-	-	24.00
		100	5500	Full	20.71	-	-	-	-	24.00
		112	5560	Full	20.68	-	-	-	-	24.00
		116	5580	Full	20.61	-	-	-	-	24.00
		124	5620	Full	20.53	-	-	-	-	24.00
		132	5660	Full	20.60	-	-	-	-	24.00
		140	5700	Full	19.85	-	-	-	-	24.00
		144	5720	Full	20.41	-	-	-	-	24.00
		144	5720	Full	13.52	-	-	-	-	30.00
		149	5745	Full	22.62	-	-	-	-	30.00
		157	5785	Full	22.33	-	-	-	-	30.00
		165	5825	Full	22.66	-	-	-	-	30.00
802.11ax HE40	MCS0	38	5190	Full	18.60	-	-	-	-	30.00
		46	5230	Full	22.02	-	-	-	-	30.00
		54	5270	Full	23.26	-	-	-	-	24.00
		62	5310	Full	19.58	-	-	-	-	24.00
		102	5510	Full	20.72	-	-	-	-	24.00
		110	5550	Full	23.30	-	-	-	-	24.00
		126	5630	Full	23.08	-	-	-	-	24.00
		134	5670	Full	22.25	-	-	-	-	24.00
		142	5710	Full	23.77	-	-	-	-	24.00
		142	5710	Full	12.41	-	-	-	-	30.00
		151	5755	Full	22.46	-	-	-	-	30.00
		159	5795	Full	22.22	-	-	-	-	30.00
802.11ax HE80	MCS 0	42	5210	Full	18.46	-	-	-	-	30.00
		58	5290	Full	19.21	-	-	-	-	24.00
		106	5530	Full	20.26	-	-	-	-	24.00
		122	5610	Full	23.58	-	-	-	-	24.00
		138	5690	Full	23.40	-	-	-	-	24.00
		138	5690	Full	7.69	-	-	-	-	30.00
		155	5775	Full	21.98	-	-	-	-	30.00

Low Power TPC												
Test Mode	Data Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit	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	6M	52	5260	13.75	-	-	-	-	-	3.50	17.25	24.00
		56	5280	13.73	-	-	-	-	-	3.50	17.23	24.00
		60	5300	13.64	-	-	-	-	-	3.50	17.14	24.00
		64	5320	14.26	-	-	-	-	-	3.50	17.76	24.00
		100	5500	14.34	-	-	-	-	-	4.20	18.54	24.00
		112	5560	13.89	-	-	-	-	-	4.20	18.09	24.00
		116	5580	13.80	-	-	-	-	-	4.20	18.00	24.00
		124	5620	13.72	-	-	-	-	-	4.20	17.92	24.00
		132	5660	13.65	-	-	-	-	-	4.20	17.85	24.00
		140	5700	13.85	-	-	-	-	-	4.20	18.05	24.00
		144	5720	14.16	-	-	-	-	-	4.20	18.36	24.00
802.11n HT20	6.5M	52	5260	13.88	-	-	-	-	-	3.50	17.38	24.00
		56	5280	14.00	-	-	-	-	-	3.50	17.50	24.00
		60	5300	13.83	-	-	-	-	-	3.50	17.33	24.00
		64	5320	13.93	-	-	-	-	-	3.50	17.43	24.00
		100	5500	14.13	-	-	-	-	-	4.20	18.33	24.00
		112	5560	14.12	-	-	-	-	-	4.20	18.32	24.00
		116	5580	13.97	-	-	-	-	-	4.20	18.17	24.00
		124	5620	14.04	-	-	-	-	-	4.20	18.24	24.00
		132	5660	13.88	-	-	-	-	-	4.20	18.08	24.00
		140	5700	13.16	-	-	-	-	-	4.20	17.36	24.00
		144	5720	14.67	-	-	-	-	-	4.20	18.87	24.00
802.11n HT40	13.5M	54	5270	16.69	-	-	-	-	-	3.50	20.19	24.00
		62	5310	13.01	-	-	-	-	-	3.50	16.51	24.00
		102	5510	14.09	-	-	-	-	-	4.20	18.29	24.00
		110	5550	16.72	-	-	-	-	-	4.20	20.92	24.00
		126	5630	16.32	-	-	-	-	-	4.20	20.52	24.00
		134	5670	15.56	-	-	-	-	-	4.20	19.76	24.00
		142	5710	17.79	-	-	-	-	-	4.20	21.99	24.00

Test Mode	Data Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit	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	
802.11ac VHT20	MCS 0	52	5260	14.21	-	-	-	-	-	3.50	17.71	24.00
		56	5280	14.22	-	-	-	-	-	3.50	17.72	24.00
		60	5300	14.09	-	-	-	-	-	3.50	17.59	24.00
		64	5320	14.10	-	-	-	-	-	3.50	17.6	24.00
		100	5500	14.23	-	-	-	-	-	4.20	18.43	24.00
		112	5560	14.31	-	-	-	-	-	4.20	18.51	24.00
		116	5580	14.22	-	-	-	-	-	4.20	18.42	24.00
		124	5620	14.23	-	-	-	-	-	4.20	18.43	24.00
		132	5660	14.10	-	-	-	-	-	4.20	18.3	24.00
		140	5700	13.35	-	-	-	-	-	4.20	17.55	24.00
		144	5720	14.67	-	-	-	-	-	4.20	18.87	24.00
802.11ac VHT40	MCS 0	54	5270	16.92	-	-	-	-	-	3.50	20.42	24.00
		62	5310	13.27	-	-	-	-	-	3.50	16.77	24.00
		102	5510	14.35	-	-	-	-	-	4.20	18.55	24.00
		110	5550	16.89	-	-	-	-	-	4.20	21.09	24.00
		126	5630	16.69	-	-	-	-	-	4.20	20.89	24.00
		134	5670	15.94	-	-	-	-	-	4.20	20.14	24.00
		142	5710	17.81	-	-	-	-	-	4.20	22.01	24.00
802.11ac VHT80	MCS 0	58	5290	12.81	-	-	-	-	-	3.50	16.31	24.00
		106	5530	13.89	-	-	-	-	-	4.20	18.09	24.00
		122	5610	17.13	-	-	-	-	-	4.20	21.33	24.00
		138	5690	17.83	-	-	-	-	-	4.20	22.03	24.00

Test Mode	Data Rate or Sub-test	CH	Freq. (MHz)	RU	Average power					Limit	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	
802.11ax HE20	MCS 0	52	5260	Full	14.70	-	-	-	-	-	3.50	18.20	24.00
		56	5280	Full	14.56	-	-	-	-	-	3.50	18.06	24.00
		60	5300	Full	14.50	-	-	-	-	-	3.50	18.00	24.00
		64	5320	Full	14.46	-	-	-	-	-	3.50	17.96	24.00
		100	5500	Full	14.71	-	-	-	-	-	4.20	18.91	24.00
		112	5560	Full	14.68	-	-	-	-	-	4.20	18.88	24.00
		116	5580	Full	14.61	-	-	-	-	-	4.20	18.81	24.00
		124	5620	Full	14.53	-	-	-	-	-	4.20	18.73	24.00
		132	5660	Full	14.60	-	-	-	-	-	4.20	18.80	24.00
		140	5700	Full	13.85	-	-	-	-	-	4.20	18.05	24.00
		144	5720	Full	14.41	-	-	-	-	-	4.20	18.61	24.00
802.11ax HE40	MCS0	54	5270	Full	17.26	-	-	-	-	-	3.50	20.76	24.00
		62	5310	Full	13.58	-	-	-	-	-	3.50	17.08	24.00
		102	5510	Full	14.72	-	-	-	-	-	3.50	18.22	24.00
		110	5550	Full	17.30	-	-	-	-	-	4.20	21.50	24.00
		126	5630	Full	17.08	-	-	-	-	-	4.20	21.28	24.00
		134	5670	Full	16.25	-	-	-	-	-	4.20	20.45	24.00
		142	5710	Full	17.77	-	-	-	-	-	4.20	21.97	24.00
802.11ax HE80	MCS 0	58	5290	Full	13.21	-	-	-	-	-	3.50	16.71	24.00
		106	5530	Full	14.26	-	-	-	-	-	4.20	18.46	24.00
		122	5610	Full	17.58	-	-	-	-	-	4.20	21.78	24.00
		138	5690	Full	17.40	-	-	-	-	-	4.20	21.60	24.00

26 dB & 99 % RF Bandwidth Measurement										
Test 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	17.142	-	-	-	29.940	-	-	-
	40	5200	29.201	-	-	-	41.630	-	-	-
	48	5240	19.160	-	-	-	33.420	-	-	-
	52	5260	16.907	-	-	-	24.710	-	-	-
	56	5280	16.949	-	-	-	25.920	-	-	-
	64	5320	16.934	-	-	-	24.940	-	-	-
	100	5500	16.915	-	-	-	24.260	-	-	-
	112	5560	16.970	-	-	-	23.240	-	-	-
	140	5700	17.165	-	-	-	29.030	-	-	-
	144	5720	13.503	-	-	-	18.730	-	-	-
802.11ac VHT20	36	5180	18.020	-	-	-	27.540	-	-	-
	40	5200	26.823	-	-	-	42.040	-	-	-
	48	5240	18.532	-	-	-	30.670	-	-	-
	52	5260	17.814	-	-	-	24.950	-	-	-
	56	5280	17.873	-	-	-	22.490	-	-	-
	64	5320	17.893	-	-	-	27.420	-	-	-
	100	5500	17.693	-	-	-	21.880	-	-	-
	112	5560	17.848	-	-	-	25.120	-	-	-
	140	5700	17.741	-	-	-	20.400	-	-	-
	144	5720	13.834	-	-	-	15.370	-	-	-
802.11ac VHT40	38	5190	35.948	-	-	-	40.890	-	-	-
	46	5230	36.563	-	-	-	67.250	-	-	-
	54	5270	37.740	-	-	-	75.220	-	-	-
	62	5310	36.114	-	-	-	40.490	-	-	-
	102	5510	36.046	-	-	-	40.740	-	-	-
	110	5550	36.403	-	-	-	65.500	-	-	-
	134	5670	36.282	-	-	-	50.830	-	-	-
	142	5710	33.029	-	-	-	51.600	-	-	-
802.11ac VHT80	42	5210	75.135	-	-	-	80.130	-	-	-
	58	5290	75.054	-	-	-	93.330	-	-	-
	106	5530	74.929	-	-	-	82.240	-	-	-
	122	5610	75.381	-	-	-	103.600	-	-	-
	138	5690	72.463	-	-	-	98.120	-	-	-

Test 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	19.134	-	-	-	26.630	-	-	-
	40	5200	23.231	-	-	-	42.120	-	-	-
	48	5240	19.264	-	-	-	33.640	-	-	-
	52	5260	19.150	-	-	-	27.730	-	-	-
	56	5280	19.200	-	-	-	32.200	-	-	-
	64	5320	19.360	-	-	-	31.260	-	-	-
	100	5500	19.134	-	-	-	25.220	-	-	-
	112	5560	19.230	-	-	-	25.310	-	-	-
	140	5700	19.053	-	-	-	25.300	-	-	-
	144	5720	14.621	-	-	-	20.840	-	-	-
802.11ax HE40	38	5190	37.589	-	-	-	39.980	-	-	-
	46	5230	38.565	-	-	-	69.390	-	-	-
	54	5270	50.122	-	-	-	78.440	-	-	-
	62	5310	37.716	-	-	-	44.010	-	-	-
	102	5510	37.919	-	-	-	48.010	-	-	-
	110	5550	48.741	-	-	-	78.960	-	-	-
	134	5670	41.361	-	-	-	80.210	-	-	-
	142	5710	45.019	-	-	-	64.240	-	-	-
802.11ax HE80	42	5210	76.883	-	-	-	87.150	-	-	-
	58	5290	76.777	-	-	-	86.720	-	-	-
	106	5530	77.155	-	-	-	94.090	-	-	-
	122	5610	105.610	-	-	-	171.500	-	-	-
	138	5690	90.408	-	-	-	121.200	-	-	-

Band III _6 dB & 99 % RF Bandwidth Measurement										
Test Mode	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	6.366	-	-	-	2770.000	-	-	-
	149	5745	27.008	-	-	-	15100.000	-	-	-
	157	5785	26.756	-	-	-	13850.000	-	-	-
	165	5825	27.780	-	-	-	15110.000	-	-	-
802.11ac VHT20	144	5720	4.395	-	-	-	3512.000	-	-	-
	149	5745	25.190	-	-	-	15110.000	-	-	-
	157	5785	21.368	-	-	-	15110.000	-	-	-
	165	5825	21.136	-	-	-	15110.000	-	-	-
802.11ac VHT40	142	5710	7.325	-	-	-	3170.000	-	-	-
	151	5755	45.261	-	-	-	33830.000	-	-	-
	159	5795	40.565	-	-	-	35080.000	-	-	-
802.11ac VHT80	138	5690	17.795	-	-	-	3161.000	-	-	-
	155	5775	80.705	-	-	-	75040.000	-	-	-
802.11ax HE20	144	5720	6.684	-	-	-	4200.000	-	-	-
	149	5745	28.002	-	-	-	15460.000	-	-	-
	157	5785	28.245	-	-	-	15430.000	-	-	-
	165	5825	29.044	-	-	-	16550.000	-	-	-
802.11ax HE40	142	5710	9.635	-	-	-	4043.000	-	-	-
	151	5755	52.344	-	-	-	36310.000	-	-	-
	159	5795	53.701	-	-	-	35860.000	-	-	-
802.11ax HE80	138	5690	19.373	-	-	-	4026.000	-	-	-
	155	5775	87.894	-	-	-	75120.000	-	-	-

Power Spectral Density Measurement									
Test 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	11.113	-	-	-	0.225	11.338	17.000
	40	5200	14.580	-	-	-	0.225	14.805	17.000
	48	5240	13.152	-	-	-	0.225	13.377	17.000
	52	5260	10.583	-	-	-	0.225	10.808	11.000
	56	5280	10.537	-	-	-	0.225	10.762	11.000
	64	5320	10.600	-	-	-	0.225	10.825	11.000
	100	5500	10.621	-	-	-	0.225	10.846	11.000
	112	5560	10.586	-	-	-	0.225	10.811	11.000
	140	5700	10.570	-	-	-	0.225	10.795	11.000
	144	5720	10.666	-	-	-	0.225	10.891	11.000
802.11ac VHT20	36	5180	10.064	-	-	-	0.181	10.245	17.000
	40	5200	13.206	-	-	-	0.181	13.387	17.000
	48	5240	12.241	-	-	-	0.181	12.422	17.000
	52	5260	10.494	-	-	-	0.181	10.675	11.000
	56	5280	10.588	-	-	-	0.181	10.769	11.000
	64	5320	10.520	-	-	-	0.181	10.701	11.000
	100	5500	10.224	-	-	-	0.181	10.405	11.000
	112	5560	10.171	-	-	-	0.181	10.352	11.000
	140	5700	8.066	-	-	-	0.181	8.247	11.000
	144	5720	10.125	-	-	-	0.181	10.306	11.000
802.11ac VHT40	38	5190	4.695	-	-	-	0.390	5.085	17.000
	46	5230	8.464	-	-	-	0.390	8.854	17.000
	54	5270	10.178	-	-	-	0.390	10.568	11.000
	62	5310	6.293	-	-	-	0.390	6.683	11.000
	102	5510	7.146	-	-	-	0.390	7.536	11.000
	110	5550	10.213	-	-	-	0.390	10.603	11.000
	134	5670	8.727	-	-	-	0.390	9.117	11.000
	142	5710	9.773	-	-	-	0.390	10.163	11.000
802.11ac VHT80	42	5210	1.338	-	-	-	0.749	2.087	17.000
	58	5290	2.159	-	-	-	0.749	2.908	11.000
	106	5530	3.047	-	-	-	0.749	3.796	11.000
	122	5610	6.759	-	-	-	0.749	7.508	11.000
	138	5690	6.392	-	-	-	0.749	7.141	11.000

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

Test 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	10.190	-	-	-	0.196	10.386	17.000
	40	5200	13.323	-	-	-	0.196	13.519	17.000
	48	5240	12.533	-	-	-	0.196	12.729	17.000
	52	5260	10.640	-	-	-	0.196	10.836	11.000
	56	5280	10.674	-	-	-	0.196	10.870	11.000
	64	5320	10.597	-	-	-	0.196	10.793	11.000
	100	5500	10.569	-	-	-	0.196	10.765	11.000
	112	5560	10.591	-	-	-	0.196	10.787	11.000
	140	5700	8.669	-	-	-	0.196	8.865	11.000
	144	5720	10.591	-	-	-	0.196	10.787	11.000
802.11ax HE40	38	5190	5.053	-	-	-	0.374	5.427	17.000
	46	5230	8.585	-	-	-	0.374	8.959	17.000
	54	5270	10.486	-	-	-	0.374	10.860	11.000
	62	5310	6.708	-	-	-	0.374	7.082	11.000
	102	5510	7.592	-	-	-	0.374	7.966	11.000
	110	5550	10.466	-	-	-	0.374	10.840	11.000
	134	5670	9.016	-	-	-	0.374	9.390	11.000
	142	5710	10.479	-	-	-	0.374	10.853	11.000
802.11ax HE80	42	5210	2.224	-	-	-	0.267	2.491	17.000
	58	5290	2.841	-	-	-	0.267	3.108	11.000
	106	5530	3.880	-	-	-	0.267	4.147	11.000
	122	5610	7.892	-	-	-	0.267	8.159	11.000
	138	5690	7.164	-	-	-	0.267	7.431	11.000

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

Band III_ Power Spectral Density Measurement

Band III_ Power Spectral Density Measurement														
Test 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	
802.11a	144	5720	-0.363	6.627	-	-	-	-	-	-	0.225	6.852	30.00	PASS
	149	5745	4.631	11.621	-	-	-	-	-	-	0.225	11.846	30.00	PASS
	157	5785	3.920	10.910	-	-	-	-	-	-	0.225	11.135	30.00	PASS
	165	5825	4.394	11.384	-	-	-	-	-	-	0.225	11.609	30.00	PASS
802.11ac VHT20	144	5720	-2.165	4.825	-	-	-	-	-	-	0.181	5.006	30.00	PASS
	149	5745	3.454	10.444	-	-	-	-	-	-	0.181	10.625	30.00	PASS
	157	5785	2.948	9.938	-	-	-	-	-	-	0.181	10.119	30.00	PASS
	165	5825	2.207	9.197	-	-	-	-	-	-	0.181	9.378	30.00	PASS
802.11ac VHT40	142	5710	-3.401	3.589	-	-	-	-	-	-	0.390	3.979	30.00	PASS
	151	5755	0.193	7.183	-	-	-	-	-	-	0.390	7.573	30.00	PASS
	159	5795	-0.119	6.871	-	-	-	-	-	-	0.390	7.261	30.00	PASS
802.11ac VHT80	138	5690	-7.593	-0.603	-	-	-	-	-	-	0.749	0.146	30.00	PASS
	155	5775	3.473	10.463	-	-	-	-	-	-	0.749	11.212	30.00	PASS
802.11ax HE20	144	5720	-1.575	5.415	-	-	-	-	-	-	0.196	5.611	30.00	PASS
	149	5745	2.921	9.911	-	-	-	-	-	-	0.196	10.107	30.00	PASS
	157	5785	2.675	9.665	-	-	-	-	-	-	0.196	9.861	30.00	PASS
	165	5825	2.595	9.585	-	-	-	-	-	-	0.196	9.781	30.00	PASS
802.11ax HE40	142	5710	-3.188	3.802	-	-	-	-	-	-	0.374	4.176	30.00	PASS
	151	5755	-0.340	6.650	-	-	-	-	-	-	0.374	7.024	30.00	PASS
	159	5795	-0.283	6.707	-	-	-	-	-	-	0.374	7.081	30.00	PASS
802.11ax HE80	138	5690	-7.722	-0.732	-	-	-	-	-	-	0.267	-0.465	30.00	PASS
	155	5775	-3.661	3.329	-	-	-	-	-	-	0.267	3.596	30.00	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)

4X4

Duty cycle						
Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11a	5180	1.110	1.155	96.104	0.173	0.901
802.11n HT20	5180	1.090	1.130	96.460	0.157	0.917
802.11n HT40	5190	0.177	0.227	77.974	1.081	5.650
802.11ac VHT20	5180	0.870	0.915	95.082	0.219	1.149
802.11ac VHT40	5190	0.184	0.235	78.298	1.063	5.435
802.11ac VHT80	5210	0.116	0.167	69.461	1.583	8.621
802.11ax HE20	5180	0.834	0.879	94.881	0.228	1.199
802.11ax HE40	5190	0.450	0.502	89.641	0.475	2.222
802.11ax HE80	5210	0.252	0.303	83.168	0.800	3.968

Maximum Conducted Output Power Measurement

Test Mode	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	
802.11a	6M	36	5180	18.80	18.74	17.90	18.63	24.55	30.00
		40	5200	20.85	20.83	19.78	20.65	26.57	30.00
		44	5220	20.82	20.79	19.72	20.61	26.53	30.00
		48	5240	20.92	21.03	20.31	20.75	26.78	30.00
		52	5260	14.71	13.73	14.04	14.51	20.29	23.91
		56	5280	15.08	14.28	14.42	14.85	20.69	23.91
		60	5300	15.05	14.23	14.38	14.72	20.63	23.91
		64	5320	15.06	14.25	14.35	14.56	20.59	23.91
		100	5500	14.23	14.77	15.15	15.49	20.96	23.96
		112	5560	14.28	14.55	15.10	14.97	20.76	23.96
		116	5580	14.25	14.50	15.06	14.90	20.71	23.96
		124	5620	14.20	14.49	15.00	14.85	20.67	23.96
		132	5660	14.21	14.52	15.09	14.79	20.69	23.96
		140	5700	14.26	14.57	15.26	14.74	20.74	23.96
		144	5720	13.37	13.60	14.99	13.78	20.00	22.73
		144	5720	5.25	5.53	6.86	5.60	11.88	30.00
		149	5745	21.22	22.42	20.78	22.37	27.78	30.00
		157	5785	20.97	22.26	20.69	22.32	27.64	30.00
		165	5825	21.10	22.05	21.35	20.80	27.37	30.00
802.11n HT20	26M	36	5180	16.74	16.88	17.58	16.50	22.96	30.00
		40	5200	20.76	20.52	19.60	20.54	26.40	30.00
		44	5220	20.70	20.63	19.40	20.52	26.36	30.00
		48	5240	20.72	20.82	19.76	20.74	26.55	30.00
		52	5260	15.35	14.94	14.58	15.16	21.04	23.99
		56	5280	15.51	15.05	14.73	15.09	21.12	23.99
		60	5300	15.46	14.94	14.48	14.86	20.97	23.99
		64	5320	15.40	14.88	14.85	14.67	20.98	23.99
		100	5500	14.07	14.51	14.92	15.26	20.73	24.00
		112	5560	14.38	14.77	15.06	14.70	20.75	24.00
		116	5580	14.42	14.56	14.97	14.59	20.66	24.00
		124	5620	14.50	14.64	14.95	14.43	20.66	24.00
		132	5660	14.31	14.62	14.93	14.59	20.64	24.00
		140	5700	14.37	14.80	15.14	14.30	20.69	24.00
		144	5720	13.49	13.69	14.52	13.62	19.87	22.78
		144	5720	5.75	6.07	7.24	6.44	12.43	30.00
		149	5745	20.31	20.95	20.19	21.21	26.71	30.00
		157	5785	20.06	21.25	19.96	21.30	26.71	30.00
		165	5825	20.67	21.38	20.76	20.25	26.80	30.00
802.11n HT40	54M	38	5190	15.49	16.19	16.58	15.68	22.03	30.00
		46	5230	21.31	21.25	21.15	21.15	27.24	30.00
		54	5270	17.35	16.75	16.80	17.09	23.02	24.00
		62	5310	17.16	16.41	16.88	16.41	22.75	24.00
		102	5510	16.00	16.39	17.15	16.90	22.65	24.00
		110	5550	16.65	17.01	17.97	17.37	23.30	24.00
		126	5630	16.55	16.97	17.86	17.21	23.19	24.00
		134	5670	16.94	17.01	18.04	17.05	23.31	24.00
		142	5710	16.93	17.18	18.33	17.57	23.55	24.00
		142	5710	3.64	4.48	5.23	4.63	10.55	30.00
		151	5755	21.09	21.78	20.59	21.86	27.38	30.00
		159	5795	20.78	21.77	20.61	21.67	27.26	30.00

Test Mode	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	16.99	17.14	17.70	16.80	23.19	30.00
		40	5200	20.91	20.82	19.81	20.73	26.61	30.00
		44	5220	20.82	20.76	19.61	20.71	26.52	30.00
		48	5240	21.01	20.99	19.91	20.93	26.75	30.00
		52	5260	15.57	15.12	14.74	15.31	21.22	23.99
		56	5280	15.67	15.23	14.99	15.20	21.30	23.99
		60	5300	15.65	15.09	14.78	15.12	21.19	23.99
		64	5320	15.55	15.03	15.14	14.96	21.20	23.99
		100	5500	14.36	14.78	15.21	15.41	20.98	24.00
		112	5560	14.62	14.90	15.25	14.99	20.97	24.00
		116	5580	14.58	14.85	15.24	14.79	20.89	24.00
		124	5620	14.60	14.86	15.23	14.73	20.88	24.00
		132	5660	14.55	14.88	15.08	14.83	20.86	24.00
		140	5700	14.65	14.91	15.31	14.57	20.89	24.00
		144	5720	13.68	13.87	14.61	13.68	20.00	22.78
		144	5720	5.83	6.21	7.37	6.66	12.58	30.00
		149	5745	20.49	21.28	20.29	21.33	26.89	30.00
		157	5785	20.39	21.40	20.26	21.50	26.94	30.00
		165	5825	20.91	21.55	20.98	20.46	27.01	30.00
802.11ac VHT40	54M	38	5190	15.62	16.24	16.69	15.82	22.13	30.00
		46	5230	21.39	21.36	21.16	21.21	27.30	30.00
		54	5270	17.40	16.76	16.83	17.12	23.06	24.00
		62	5310	17.22	16.52	16.97	16.43	22.82	24.00
		102	5510	16.06	16.45	17.28	17.00	22.74	24.00
		110	5550	16.70	17.10	18.00	17.39	23.34	24.00
		126	5630	16.65	17.03	17.91	17.32	23.27	24.00
		134	5670	17.03	17.12	18.16	17.12	23.40	24.00
		142	5710	16.92	17.09	18.35	17.56	23.54	24.00
		142	5710	3.63	4.30	5.40	4.62	10.55	30.00
		151	5755	21.16	21.87	20.72	21.92	27.47	30.00
		159	5795	20.88	21.85	20.71	21.77	27.35	30.00
802.11ac VHT80	117.2M	42	5210	14.83	15.60	16.06	15.12	21.45	30.00
		58	5290	16.15	16.33	17.19	15.64	22.38	24.00
		106	5530	15.16	15.32	16.40	15.68	21.69	24.00
		122	5610	16.77	17.19	18.45	17.45	23.53	24.00
		138	5690	17.18	17.31	18.71	17.74	23.80	24.00
		138	5690	0.44	2.11	2.71	1.96	7.90	30.00
		155	5775	18.45	19.20	20.87	18.92	25.48	30.00

Test Mode	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	17.43	17.65	18.05	17.20	23.61	30.00
		40	5200	Full	21.25	21.17	20.05	21.08	26.93	30.00
		44	5220	Full	21.21	21.15	19.97	21.05	26.89	30.00
		48	5240	Full	21.37	21.32	20.19	21.16	27.06	30.00
		52	5260	Full	15.94	15.50	15.05	15.65	21.57	24.00
		56	5280	Full	15.92	15.46	15.21	15.50	21.55	24.00
		60	5300	Full	15.89	15.45	15.16	15.39	21.50	24.00
		64	5320	Full	15.85	15.35	15.37	15.26	21.48	24.00
		100	5500	Full	14.67	15.10	15.52	15.68	21.28	24.00
		112	5560	Full	14.62	14.90	15.53	15.25	21.11	24.00
		116	5580	Full	14.58	14.85	15.48	15.19	21.06	24.00
		124	5620	Full	14.60	14.86	15.50	15.10	21.05	24.00
		132	5660	Full	14.55	14.88	15.46	15.04	21.02	24.00
		140	5700	Full	14.65	14.91	15.60	14.95	21.06	24.00
		144	5720	Full	13.75	13.90	14.70	13.82	20.08	23.37
		144	5720	Full	6.86	7.20	7.86	7.08	13.29	30.00
		149	5745	Full	20.95	21.78	20.74	21.81	27.37	30.00
		157	5785	Full	20.78	21.77	20.66	21.90	27.33	30.00
		165	5825	Full	21.28	22.03	21.32	20.95	27.43	30.00
802.11ax HE40	MCS0	38	5190	Full	15.71	16.28	16.73	15.95	22.21	30.00
		46	5230	Full	21.51	21.49	21.29	21.31	27.42	30.00
		54	5270	Full	17.43	16.87	16.88	17.18	23.12	24.00
		62	5310	Full	17.23	16.53	16.98	16.56	22.86	24.00
		102	5510	Full	16.08	16.52	17.31	17.08	22.79	24.00
		110	5550	Full	16.81	17.18	18.11	17.51	23.45	24.00
		126	5630	Full	16.73	17.11	18.04	17.42	23.37	24.00
		134	5670	Full	17.11	17.21	18.21	17.25	23.49	24.00
		142	5710	Full	17.08	17.22	18.43	17.56	23.63	24.00
		142	5710	Full	5.02	5.84	6.65	6.02	11.94	30.00
		151	5755	Full	21.22	21.94	20.81	22.01	27.54	30.00
		159	5795	Full	20.91	21.91	20.86	21.83	27.43	30.00
802.11ax HE80	MCS 0	42	5210	Full	14.90	15.66	16.11	15.26	21.53	30.00
		58	5290	Full	16.17	16.43	17.21	15.70	22.43	24.00
		106	5530	Full	15.25	15.43	16.49	15.76	21.78	24.00
		122	5610	Full	16.83	17.27	18.56	17.51	23.61	24.00
		138	5690	Full	17.26	17.48	18.77	17.72	23.87	24.00
		138	5690	Full	0.99	2.68	3.23	2.54	8.46	30.00
		155	5775	Full	18.60	19.34	20.98	19.08	25.62	30.00

Maximum Conducted Output Power Measurement

Test Mode	Date Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit	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	
802.11a	6M	52	5260	8.71	7.73	8.04	8.51	14.29	-	3.50	17.79	24.00
		56	5280	9.08	8.28	8.42	8.85	14.69	-	3.50	18.19	24.00
		60	5300	9.05	8.23	8.38	8.72	14.63	-	3.50	18.13	24.00
		64	5320	9.06	8.25	8.35	8.56	14.59	-	3.50	18.09	24.00
		100	5500	8.23	8.77	9.15	9.49	14.96	-	4.30	19.26	24.00
		112	5560	8.28	8.55	9.10	8.97	14.76	-	4.30	19.06	24.00
		116	5580	8.25	8.50	9.06	8.90	14.71	-	4.30	19.01	24.00
		124	5620	8.20	8.49	9.00	8.85	14.67	-	4.30	18.97	24.00
		132	5660	8.21	8.52	9.09	8.79	14.69	-	4.30	18.99	24.00
		140	5700	8.26	8.57	9.26	8.74	14.74	-	4.30	19.04	24.00
		144	5720	7.37	7.60	8.99	7.78	14.00	-	4.30	18.30	24.00
802.11n HT20	26M	52	5260	9.35	8.94	8.58	9.16	15.04	-	3.50	18.54	24.00
		56	5280	9.51	9.05	8.73	9.09	15.12	-	3.50	18.62	24.00
		60	5300	9.46	8.94	8.48	8.86	14.97	-	3.50	18.47	24.00
		64	5320	9.40	8.88	8.85	8.67	14.98	-	3.50	18.48	24.00
		100	5500	8.07	8.51	8.92	9.26	14.73	-	4.30	19.03	24.00
		112	5560	8.38	8.77	9.06	8.70	14.75	-	4.30	19.05	24.00
		116	5580	8.42	8.56	8.97	8.59	14.66	-	4.30	18.96	24.00
		124	5620	8.50	8.64	8.95	8.43	14.66	-	4.30	18.96	24.00
		132	5660	8.31	8.62	8.93	8.59	14.64	-	4.30	18.94	24.00
		140	5700	8.37	8.80	9.14	8.30	14.69	-	4.30	18.99	24.00
		144	5720	7.49	7.69	8.52	7.62	13.87	-	4.30	18.17	24.00
802.11n HT40	54M	54	5270	11.35	10.75	10.80	11.09	17.02	-	3.50	20.52	24.00
		62	5310	11.16	10.41	10.88	10.41	16.75	-	3.50	20.25	24.00
		102	5510	10.00	10.39	11.15	10.90	16.65	-	4.30	20.95	24.00
		110	5550	10.65	11.01	11.97	11.37	17.30	-	4.30	21.60	24.00
		126	5630	10.55	10.97	11.86	11.21	17.19	-	4.30	21.49	24.00
		134	5670	10.94	11.01	12.04	11.05	17.31	-	4.30	21.61	24.00
		142	5710	10.93	11.18	12.33	11.57	17.55	-	4.30	21.85	24.00

Test Mode	Data Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit	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	
802.11ac VHT20	MCS 0	52	5260	9.57	9.12	8.74	9.31	15.22	-	3.50	18.72	24.00
		56	5280	9.67	9.23	8.99	9.20	15.30	-	3.50	18.8	24.00
		60	5300	9.65	9.09	8.78	9.12	15.19	-	3.50	18.69	24.00
		64	5320	9.55	9.03	9.14	8.96	15.20	-	3.50	18.7	24.00
		100	5500	8.36	8.78	9.21	9.41	14.98	-	4.30	19.28	24.00
		112	5560	8.62	8.90	9.25	8.99	14.97	-	4.30	19.27	24.00
		116	5580	8.58	8.85	9.24	8.79	14.89	-	4.30	19.19	24.00
		124	5620	8.60	8.86	9.23	8.73	14.88	-	4.30	19.18	24.00
		132	5660	8.55	8.88	9.08	8.83	14.86	-	4.30	19.16	24.00
		140	5700	8.65	8.91	9.31	8.57	14.89	-	4.30	19.19	24.00
		144	5720	7.68	7.87	8.61	7.68	14.00	-	4.30	18.3	24.00
802.11ac VHT40	MCS 0	54	5270	11.40	10.76	10.83	11.12	17.06	-	3.50	20.56	24.00
		62	5310	11.22	10.52	10.97	10.43	16.82	-	3.50	20.32	24.00
		102	5510	10.06	10.45	11.28	11.00	16.74	-	4.30	21.04	24.00
		110	5550	10.70	11.10	12.00	11.39	17.34	-	4.30	21.64	24.00
		126	5630	10.65	11.03	11.91	11.32	17.27	-	4.30	21.57	24.00
		134	5670	11.03	11.12	12.16	11.12	17.40	-	4.30	21.70	24.00
		142	5710	10.92	11.09	12.35	11.56	17.54	-	4.30	21.84	24.00
802.11ac VHT80	MCS 0	58	5290	10.15	10.33	11.19	9.64	16.38	-	3.50	19.88	24.00
		106	5530	9.16	9.32	10.40	9.68	15.69	-	4.30	19.99	24.00
		122	5610	10.77	11.19	12.45	11.45	17.53	-	4.30	21.83	24.00
		138	5690	11.18	11.31	12.71	11.74	17.80	-	4.30	22.10	24.00

Test Mode	Data Rate or Sub-test	CH	Freq. (MHz)	RU	Average power					Limit	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	
802.11ax HE20	MCS 0	52	5260	Full	9.94	9.50	9.05	9.65	15.57	-	3.50	19.07	24.00
		56	5280	Full	9.92	9.46	9.21	9.50	15.55	-	3.50	19.05	24.00
		60	5300	Full	9.89	9.45	9.16	9.39	15.50	-	3.50	19.00	24.00
		64	5320	Full	9.85	9.35	9.37	9.26	15.48	-	3.50	18.98	24.00
		100	5500	Full	8.67	9.10	9.52	9.68	15.28	-	4.30	19.58	24.00
		112	5560	Full	8.62	8.90	9.53	9.25	15.11	-	4.30	19.41	24.00
		116	5580	Full	8.58	8.85	9.48	9.19	15.06	-	4.30	19.36	24.00
		124	5620	Full	8.60	8.86	9.50	9.10	15.05	-	4.30	19.35	24.00
		132	5660	Full	8.55	8.88	9.46	9.04	15.02	-	4.30	19.32	24.00
		140	5700	Full	8.65	8.91	9.60	8.95	15.06	-	4.30	19.36	24.00
		144	5720	Full	7.75	7.90	8.70	7.82	14.08	-	4.30	18.38	24.00
802.11ax HE40	MCS0	54	5270	Full	11.43	10.87	10.88	11.18	17.12	-	3.50	20.62	24.00
		62	5310	Full	11.23	10.53	10.98	10.56	16.86	-	3.50	20.36	24.00
		102	5510	Full	10.08	10.52	11.31	11.08	16.79	-	4.30	21.09	24.00
		110	5550	Full	10.81	11.18	12.11	11.51	17.45	-	4.30	21.75	24.00
		126	5630	Full	10.73	11.11	12.04	11.42	17.37	-	4.30	21.67	24.00
		134	5670	Full	11.11	11.21	12.21	11.25	17.49	-	4.30	21.79	24.00
		142	5710	Full	11.08	11.22	12.43	11.56	17.63	-	4.30	21.93	24.00
802.11ax HE80	MCS 0	58	5290	Full	10.17	10.43	11.21	9.70	16.43	-	3.50	19.93	24.00
		106	5530	Full	9.25	9.43	10.49	9.76	15.78	-	4.30	20.08	24.00
		122	5610	Full	10.83	11.27	12.56	11.51	17.61	-	4.30	21.91	24.00
		138	5690	Full	11.26	11.48	12.77	11.72	17.87	-	4.30	22.17	24.00

26 dB & 99 % RF Bandwidth Measurement										
Test 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	16.808	16.711	16.734	16.614	23.350	24.390	20.000	20.900
	40	5200	17.175	17.202	16.907	17.184	30.840	27.880	24.810	30.380
	48	5240	17.123	17.267	16.892	17.103	30.020	29.910	25.590	27.550
	52	5260	16.754	16.528	16.728	16.496	19.930	19.800	20.170	19.560
	56	5280	16.664	16.591	16.665	16.518	20.150	19.960	20.010	19.820
	64	5320	16.610	16.542	16.663	16.461	19.970	19.920	20.100	19.880
	100	5500	16.677	16.557	16.472	16.513	20.010	19.890	19.780	19.980
	112	5560	16.657	16.543	16.546	16.503	20.250	19.980	19.920	19.830
	140	5700	16.683	16.592	16.565	16.492	20.100	20.010	19.950	19.920
	144	5720	13.266	13.176	13.170	13.181	15.040	14.890	14.940	14.930
802.11ac VHT20	36	5180	17.739	17.610	17.647	17.681	20.440	19.910	20.360	20.060
	40	5200	18.150	18.331	19.824	17.800	27.410	29.140	34.630	25.870
	48	5240	17.935	17.926	18.068	18.078	27.660	29.030	30.500	29.930
	52	5260	17.622	17.595	17.530	17.580	20.450	20.010	19.920	20.130
	56	5280	17.679	17.536	17.631	17.632	20.420	20.050	20.100	20.210
	64	5320	17.678	17.557	17.603	17.585	20.380	19.970	20.220	20.100
	100	5500	17.604	17.610	17.588	17.577	20.270	19.930	19.970	20.190
	112	5560	17.661	17.561	17.608	17.587	20.260	20.190	20.100	20.120
	140	5700	17.684	17.577	17.573	17.589	20.250	19.970	20.150	20.030
	144	5720	13.759	13.744	13.729	13.742	15.140	15.050	15.110	15.090
802.11ac VHT40	38	5190	35.968	35.917	35.982	35.948	40.780	40.000	39.990	40.190
	46	5230	37.087	36.629	36.669	37.514	74.170	66.720	65.530	75.000
	54	5270	36.031	35.882	35.983	36.068	40.680	40.010	40.610	40.380
	62	5310	36.000	35.865	36.062	35.943	40.540	40.410	40.600	40.660
	102	5510	36.009	35.863	35.959	36.028	40.700	40.120	40.520	40.190
	110	5550	35.941	35.884	35.930	36.032	40.350	40.330	40.580	40.550
	134	5670	36.007	35.927	36.117	36.030	41.000	40.450	41.440	40.460
	142	5710	32.756	32.783	32.806	32.691	35.340	35.150	35.320	35.230
802.11ac VHT80	42	5210	74.956	74.914	74.963	74.846	80.350	80.030	80.180	79.940
	58	5290	74.893	74.916	74.924	75.001	80.190	80.080	80.300	80.260
	106	5530	74.997	74.891	74.965	74.962	80.210	80.140	80.140	80.120
	122	5610	74.814	74.986	74.896	75.073	80.240	80.150	80.070	80.100
	138	5690	71.853	71.859	71.870	71.903	75.200	75.070	75.110	74.950

Test 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	19.149	19.059	19.143	19.173	25.230	25.140	26.770	23.700
	40	5200	19.356	19.470	19.101	19.413	31.440	32.440	25.610	33.790
	48	5240	19.017	19.087	18.854	19.108	28.870	32.300	24.620	30.930
	52	5260	18.982	18.968	19.065	19.016	32.030	24.870	22.580	22.830
	56	5280	18.957	19.054	19.055	19.032	22.580	22.320	29.410	22.690
	64	5320	19.016	19.041	19.008	19.077	25.720	21.480	24.090	25.060
	100	5500	19.007	19.001	19.057	19.076	22.200	22.550	24.340	25.090
	112	5560	18.998	19.000	19.101	19.142	23.550	25.920	24.850	24.170
	140	5700	19.012	18.966	19.141	19.097	26.080	23.280	25.980	24.720
	144	5720	14.433	14.462	14.546	14.447	18.530	17.820	19.660	17.260
802.11ax HE40	38	5190	37.550	37.518	37.662	37.410	39.960	39.910	39.830	39.850
	46	5230	38.191	38.184	39.396	38.197	63.710	67.490	74.540	66.880
	54	5270	37.547	37.527	37.611	37.549	39.930	39.970	39.990	40.010
	62	5310	37.557	37.502	37.629	37.601	39.920	39.810	39.890	39.970
	102	5510	37.461	37.606	37.587	37.552	39.890	39.840	41.040	39.980
	110	5550	37.558	37.561	37.621	37.612	39.950	39.810	42.110	39.980
	134	5670	37.614	37.622	37.793	37.596	39.870	40.000	41.210	39.990
	142	5710	33.533	33.593	33.574	33.519	34.880	34.870	41.790	34.830
802.11ax HE80	42	5210	76.733	76.696	76.634	76.523	80.940	80.890	80.990	80.700
	58	5290	76.534	76.709	76.563	76.681	80.830	80.960	80.880	81.060
	106	5530	76.878	76.581	76.605	76.752	80.920	80.840	80.900	81.070
	122	5610	76.618	76.841	76.732	76.816	80.840	80.830	80.720	80.920
	138	5690	72.833	72.818	72.959	72.705	75.480	75.460	75.460	75.460

Band III_6 dB & 99 % RF Bandwidth Measurement										
Test Mode	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	3.840	3.806	3.824	3.775	3155.000	3137.000	3147.000	3131.000
	149	5745	27.804	29.167	21.894	28.626	15120.000	15120.000	15110.000	15120.000
	157	5785	25.058	28.374	22.730	28.415	15110.000	15130.000	15100.000	15110.000
	165	5825	27.438	29.750	26.583	23.810	15120.000	15310.000	15100.000	15120.000
802.11ac VHT20	144	5720	4.096	4.107	4.136	4.114	3778.000	3761.000	3763.000	3766.000
	149	5745	21.452	20.789	22.359	18.849	15100.000	15130.000	15120.000	13870.000
	157	5785	21.643	21.902	22.052	18.672	15120.000	15110.000	15110.000	15110.000
	165	5825	21.652	20.036	22.688	20.692	15110.000	15060.000	15120.000	15070.000
802.11ac VHT40	142	5710	3.801	3.977	4.157	3.940	3148.000	3152.000	3161.000	3184.000
	151	5755	38.187	37.747	46.253	38.934	35060.000	32610.000	33810.000	32610.000
	159	5795	38.011	38.777	44.007	39.182	33830.000	33790.000	33820.000	35060.000
802.11ac VHT80	138	5690	3.755	4.139	3.792	8.590	3146.000	3184.000	3162.000	3158.000
	155	5775	75.187	75.063	75.188	74.837	75150.000	75120.000	75140.000	75090.000
802.11ax HE20	144	5720	4.756	4.727	5.211	4.960	4358.000	4480.000	4362.000	4333.000
	149	5745	21.051	26.806	22.011	26.120	15320.000	17280.000	15130.000	16840.000
	157	5785	22.041	26.943	21.811	26.255	17060.000	15860.000	16540.000	15340.000
	165	5825	25.496	27.559	27.818	23.739	16590.000	16100.000	17780.000	16100.000
802.11ax HE40	142	5710	4.147	4.162	5.473	4.267	4048.000	4035.000	4073.000	4040.000
	151	5755	44.965	54.050	44.263	55.051	35580.000	35570.000	35110.000	35030.000
	159	5795	46.641	53.988	46.549	55.698	37120.000	35560.000	35760.000	36100.000
802.11ax HE80	138	5690	4.260	4.622	13.042	9.305	4043.000	3955.000	3951.000	4015.000
	155	5775	76.973	77.080	89.936	76.903	75100.000	75140.000	75080.000	75130.000

Power Spectral Density Measurement									
Test 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	dB	dBm/MHz	dBm/MHz
802.11a	36	5180	9.023	9.060	8.030	9.010	0.173	14.995	17.000
	40	5200	10.838	10.851	9.874	10.828	0.173	16.810	17.000
	48	5240	10.615	10.645	9.983	10.577	0.173	16.657	17.000
	52	5260	4.674	4.317	3.916	4.457	0.173	10.543	11.000
	56	5280	4.931	4.212	4.331	4.312	0.173	10.649	11.000
	64	5320	5.012	4.125	4.393	4.337	0.173	10.673	11.000
	100	5500	3.836	4.492	5.069	4.818	0.173	10.771	11.000
	112	5560	4.046	4.425	5.133	4.401	0.173	10.713	11.000
	140	5700	4.272	4.276	4.766	4.081	0.173	10.549	11.000
	144	5720	4.016	4.345	4.798	4.304	0.173	10.568	11.000
802.11ac VHT20	36	5180	7.170	7.462	7.767	7.223	0.219	13.652	17.000
	40	5200	10.628	10.732	9.275	10.546	0.219	16.573	17.000
	48	5240	10.491	10.641	9.368	10.661	0.219	16.561	17.000
	52	5260	4.790	4.541	3.733	4.308	0.219	10.600	11.000
	56	5280	4.682	4.178	3.806	4.478	0.219	10.538	11.000
	64	5320	4.767	4.200	3.962	4.114	0.219	10.511	11.000
	100	5500	3.698	4.139	5.113	4.431	0.219	10.616	11.000
	112	5560	3.900	4.045	5.301	4.272	0.219	10.655	11.000
	140	5700	3.851	4.044	5.191	3.952	0.219	10.534	11.000
	144	5720	3.943	4.101	5.146	4.027	0.219	10.573	11.000
802.11ac VHT40	38	5190	1.876	2.911	3.363	2.858	1.063	9.868	17.000
	46	5230	8.273	8.000	7.948	7.873	1.063	15.109	17.000
	54	5270	3.857	3.030	3.936	3.303	1.063	10.631	11.000
	62	5310	3.006	2.558	3.188	2.620	1.063	9.934	11.000
	102	5510	1.669	2.044	3.082	2.914	1.063	9.550	11.000
	110	5550	2.826	3.369	4.132	3.333	1.063	10.523	11.000
	134	5670	2.942	3.398	4.152	3.072	1.063	10.500	11.000
	142	5710	2.778	3.073	4.148	3.334	1.063	10.447	11.000
802.11ac VHT80	42	5210	-2.010	-1.220	-0.332	-1.573	1.583	6.364	17.000
	58	5290	-0.286	0.103	0.645	-1.153	1.583	7.479	11.000
	106	5530	-2.326	-2.200	-1.197	-1.556	1.583	5.808	11.000
	122	5610	-0.256	-0.135	1.123	0.203	1.583	7.872	11.000
	138	5690	-0.392	-0.026	1.017	0.263	1.583	7.850	11.000

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

Test 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	7.235	7.647	7.922	7.384	0.228	13.804	17.000
	40	5200	10.755	10.721	9.447	10.836	0.228	16.725	17.000
	48	5240	10.794	10.706	9.538	10.871	0.228	16.759	17.000
	52	5260	4.833	4.652	3.961	4.650	0.228	10.785	11.000
	56	5280	4.803	4.295	4.185	4.761	0.228	10.768	11.000
	64	5320	4.896	4.277	4.153	4.330	0.228	10.672	11.000
	100	5500	3.960	4.311	5.360	4.736	0.228	10.872	11.000
	112	5560	4.042	4.171	5.352	4.608	0.228	10.823	11.000
	140	5700	3.997	4.266	5.257	4.256	0.228	10.720	11.000
	144	5720	4.015	4.305	5.291	4.367	0.228	10.771	11.000
802.11ax HE40	38	5190	2.885	3.728	4.169	3.646	0.475	10.127	17.000
	46	5230	8.861	8.779	8.897	8.812	0.475	15.333	17.000
	54	5270	4.582	3.832	4.808	4.074	0.475	10.837	11.000
	62	5310	3.655	3.291	4.006	3.348	0.475	10.080	11.000
	102	5510	2.654	2.865	3.779	3.736	0.475	9.783	11.000
	110	5550	3.725	4.175	4.867	4.179	0.475	10.751	11.000
	134	5670	3.757	4.173	4.959	3.819	0.475	10.700	11.000
	142	5710	3.527	3.907	4.899	4.163	0.475	10.649	11.000
802.11ax HE80	42	5210	-0.820	-0.090	0.602	-0.593	0.800	6.631	17.000
	58	5290	0.780	0.952	1.678	-0.212	0.800	7.672	11.000
	106	5530	-1.521	-1.191	-0.117	-0.663	0.800	5.981	11.000
	122	5610	0.665	0.863	2.136	1.153	0.800	8.063	11.000
	138	5690	0.515	0.886	2.141	1.187	0.800	8.046	11.000

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

Band III_ Power Spectral Density Measurement

Band III_ Power Spectral Density Measurement														
Test 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	-7.781	-0.791	-7.530	-0.540	-7.124	-0.134	-7.567	-0.577	0.173	5.689	30.00	PASS
	149	5745	3.564	10.554	4.438	11.428	2.999	9.989	4.448	11.438	0.173	17.088	30.00	PASS
	157	5785	3.346	10.336	4.480	11.470	3.088	10.078	4.378	11.368	0.173	17.049	30.00	PASS
	165	5825	3.337	10.327	4.071	11.061	3.263	10.253	3.257	10.247	0.173	16.679	30.00	PASS
802.11ac VHT20	144	5720	-7.740	-0.750	-6.890	0.100	-6.203	0.787	-7.061	-0.071	0.219	6.290	30.00	PASS
	149	5745	2.439	9.429	2.476	9.466	2.403	9.393	1.523	8.513	0.219	15.457	30.00	PASS
	157	5785	2.250	9.240	2.860	9.850	2.010	9.000	1.454	8.444	0.219	15.402	30.00	PASS
	165	5825	2.492	9.482	2.628	9.618	2.572	9.562	1.729	8.719	0.219	15.599	30.00	PASS
802.11ac VHT40	142	5710	-10.469	-3.479	-10.204	-3.214	-9.599	-2.609	-10.008	-3.018	1.063	4.014	30.00	PASS
	151	5755	-1.309	5.681	-0.737	6.253	-1.119	5.871	-1.001	5.989	1.063	13.036	30.00	PASS
	159	5795	-1.554	5.436	-0.820	6.170	-1.223	5.767	-1.128	5.862	1.063	12.899	30.00	PASS
802.11ac VHT80	138	5690	-15.739	-8.749	-13.777	-6.787	-13.954	-6.964	-13.144	-6.154	1.583	0.540	30.00	PASS
	155	5775	-7.619	-0.629	-6.827	0.163	-5.494	1.496	-7.241	-0.251	1.583	7.875	30.00	PASS
802.11ax HE20	144	5720	-7.938	-0.948	-7.726	-0.736	-6.650	0.340	-7.234	-0.244	0.228	5.880	30.00	PASS
	149	5745	2.125	9.115	2.366	9.356	1.251	8.241	2.304	9.294	0.228	15.272	30.00	PASS
	157	5785	2.152	9.142	2.758	9.748	1.270	8.260	2.595	9.585	0.228	15.469	30.00	PASS
	165	5825	2.560	9.550	2.884	9.874	2.317	9.307	2.549	9.539	0.228	15.821	30.00	PASS
802.11ax HE40	142	5710	-9.717	-2.727	-9.399	-2.409	-8.801	-1.811	-9.302	-2.312	0.475	4.193	30.00	PASS
	151	5755	-0.965	6.025	-0.383	6.607	-2.301	4.689	-0.384	6.606	0.475	12.544	30.00	PASS
	159	5795	-1.285	5.705	-0.185	6.805	-2.254	4.736	-0.717	6.273	0.475	12.441	30.00	PASS
802.11ax HE80	138	5690	-14.746	-7.756	-12.804	-5.814	-12.447	-5.457	-12.516	-5.526	0.800	0.777	30.00	PASS
	155	5775	-6.718	0.272	-5.763	1.227	-4.332	2.658	-6.259	0.731	0.800	8.139	30.00	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)

Beamforming on

Duty cycle						
Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimun VBW (kHz)
802.11n HT20	5180	5.010	5.295	94.618	0.240	0.200
802.11n HT40	5190	2.430	2.730	89.011	0.506	0.412
802.11ac VHT20	5180	5.010	5.280	94.886	0.228	0.200
802.11ac VHT40	5190	2.460	2.730	90.110	0.452	0.407
802.11ac VHT80	5210	1.155	1.425	81.053	0.912	0.866
802.11ax HE20	5180	3.820	3.830	99.739	0.011	0.010
802.11ax HE40	5190	1.936	2.245	86.236	0.643	0.517
802.11ax HE80	5210	0.955	1.245	76.707	1.152	1.047

Maximum Conducted Output Power Measurement									
Test Mode	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	16.51	17.08	17.52	16.61	22.97	28.08
		40	5200	17.49	18.07	18.61	17.49	23.96	28.08
		44	5220	17.42	17.82	18.54	17.41	23.84	28.08
		48	5240	17.52	17.74	18.56	17.33	23.83	28.08
		52	5260	11.56	11.82	12.71	11.05	17.85	21.60
		56	5280	11.48	12.54	12.78	10.93	18.02	21.60
		60	5300	11.45	12.40	12.73	10.86	17.94	21.60
		64	5320	11.86	12.39	12.86	11.04	18.11	21.60
		100	5500	12.32	12.69	13.28	12.57	18.75	21.90
		112	5560	12.22	12.61	13.36	12.10	18.62	21.90
		116	5580	12.11	12.51	13.25	11.82	18.48	21.90
		124	5620	11.97	12.22	13.17	11.80	18.34	21.90
		132	5660	11.85	12.11	13.15	11.68	18.26	21.90
		140	5700	11.84	12.26	13.61	11.81	18.47	21.90
		144	5720	11.04	11.23	12.54	11.37	17.61	20.70
		144	5720	3.99	3.96	5.55	4.46	10.56	27.50
		149	5745	21.00	21.66	19.87	21.39	27.05	27.50
		157	5785	20.68	21.45	19.75	21.70	26.98	27.50
		165	5825	20.63	21.26	20.62	20.21	26.72	27.50
802.11n HT40	54M	38	5190	14.39	15.10	15.26	14.80	20.92	28.08
		46	5230	19.80	20.06	20.88	19.69	26.15	28.08
		54	5270	13.03	13.47	14.01	13.08	19.44	21.60
		62	5310	13.13	13.65	13.81	12.80	19.39	21.60
		102	5510	13.46	13.78	13.68	13.92	19.73	21.92
		110	5550	13.53	13.95	14.28	13.63	19.88	21.92
		126	5630	13.30	13.62	14.04	13.49	19.64	21.92
		134	5670	14.13	13.91	14.88	13.76	20.21	21.92
		142	5710	14.30	14.76	15.58	14.48	20.83	21.92
		142	5710	1.25	1.75	2.62	1.55	7.84	27.50
		151	5755	20.33	21.04	22.25	21.14	27.27	27.50
		159	5795	19.20	20.07	21.28	20.33	26.30	27.50

Test Mode	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	16.54	17.15	17.62	16.65	23.03	28.08
		40	5200	17.53	18.20	18.63	17.58	24.03	28.08
		44	5220	17.50	17.94	18.60	17.52	23.93	28.08
		48	5240	17.57	17.78	18.63	17.44	23.90	28.08
		52	5260	11.64	11.92	12.80	11.08	17.93	21.60
		56	5280	11.50	12.55	12.86	11.02	18.07	21.60
		60	5300	11.48	12.43	12.79	10.97	18.00	21.60
		64	5320	11.97	12.48	12.94	11.10	18.20	21.60
		100	5500	12.42	12.74	13.34	12.60	18.81	21.90
		112	5560	12.24	12.62	13.41	12.22	18.67	21.90
		116	5580	12.22	12.59	13.35	11.91	18.57	21.90
		124	5620	12.03	12.35	13.26	11.94	18.45	21.90
		132	5660	11.93	12.25	13.19	11.82	18.35	21.90
		140	5700	11.89	12.29	13.68	11.87	18.52	21.90
		144	5720	11.24	11.46	12.78	11.42	17.79	20.70
		144	5720	4.36	4.55	5.82	4.48	10.87	27.50
		149	5745	21.02	21.67	19.90	21.51	27.10	27.50
		157	5785	20.73	21.50	19.87	21.76	27.05	27.50
		165	5825	20.69	21.27	20.67	20.35	26.78	27.50
802.11ac VHT40	54M	38	5190	14.43	15.19	15.35	14.87	20.99	28.08
		46	5230	19.85	20.10	20.93	19.76	26.21	28.08
		54	5270	13.16	13.54	14.12	13.11	19.52	21.60
		62	5310	13.24	13.71	13.84	12.86	19.45	21.60
		102	5510	13.49	13.83	13.82	13.96	19.80	21.92
		110	5550	13.58	14.00	14.31	13.72	19.93	21.92
		126	5630	13.36	13.74	14.14	13.54	19.73	21.92
		134	5670	14.20	13.92	14.89	13.89	20.26	21.92
		142	5710	14.41	15.07	15.59	14.72	20.99	21.92
		142	5710	1.33	2.14	2.77	1.80	8.06	27.50
		151	5755	20.35	21.09	22.26	21.16	27.29	27.50
		159	5795	19.24	20.21	21.34	20.34	26.37	27.50
802.11ac VHT80	117.2M	42	5210	14.05	14.77	15.15	14.00	20.54	28.08
		58	5290	13.89	14.18	15.01	13.77	20.26	21.60
		106	5530	15.25	15.51	16.04	15.31	21.56	21.92
		122	5610	15.32	15.24	16.78	15.14	21.70	21.92
		138	5690	15.18	15.12	16.22	14.55	21.33	21.92
		138	5690	-1.01	-0.02	0.37	-0.78	5.70	27.50
		155	5775	18.91	19.53	20.41	19.17	25.56	27.50

Test Mode	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	16.62	17.23	17.63	16.74	23.09	28.08
		40	5200	Full	17.56	18.25	18.68	17.71	24.09	28.08
		44	5220	Full	17.55	18.00	18.65	17.60	23.99	28.08
		48	5240	Full	17.62	17.88	18.66	17.55	23.97	28.08
		52	5260	Full	11.66	11.96	12.86	11.22	17.99	21.60
		56	5280	Full	11.58	12.56	12.97	11.12	18.14	21.60
		60	5300	Full	11.55	12.50	12.89	11.05	18.08	21.60
		64	5320	Full	12.01	12.51	12.95	11.21	18.24	21.60
		100	5500	Full	12.45	12.83	13.44	12.61	18.87	21.92
		112	5560	Full	12.33	12.75	13.49	12.23	18.75	21.92
		116	5580	Full	12.25	12.66	13.41	12.02	18.64	21.92
		124	5620	Full	12.12	12.45	13.35	11.95	18.52	21.92
		132	5660	Full	12.00	12.38	13.26	11.90	18.44	21.92
		140	5700	Full	11.98	12.32	13.73	11.88	18.56	21.92
		144	5720	Full	11.36	11.60	12.65	11.51	17.83	20.86
		144	5720	Full	4.44	4.70	5.82	4.44	10.91	27.50
		149	5745	Full	21.11	21.73	20.02	21.64	27.20	27.50
		157	5785	Full	20.74	21.55	19.91	21.79	27.08	27.50
		165	5825	Full	20.81	21.28	20.78	20.45	26.86	27.50
802.11ax HE40	MCS0	38	5190	Full	14.46	15.25	15.37	14.93	21.04	28.08
		46	5230	Full	19.88	20.23	21.01	19.90	26.30	28.08
		54	5270	Full	13.27	13.62	14.23	13.12	19.60	21.60
		62	5310	Full	13.28	13.75	13.91	12.93	19.51	21.60
		102	5510	Full	13.51	13.96	13.85	14.08	19.88	21.92
		110	5550	Full	13.60	14.01	14.32	13.78	19.96	21.92
		126	5630	Full	13.49	13.88	14.23	13.63	19.84	21.92
		134	5670	Full	14.21	13.99	15.02	13.95	20.34	21.92
		142	5710	Full	14.79	15.35	15.90	14.93	21.28	21.92
		142	5710	Full	3.07	3.75	4.26	3.46	9.68	27.50
		151	5755	Full	20.66	21.19	22.13	21.29	27.37	27.50
		159	5795	Full	19.59	20.23	21.25	20.38	26.42	27.50
802.11ax HE80	MCS 0	42	5210	Full	14.08	14.80	15.20	14.13	20.60	28.08
		58	5290	Full	14.03	14.30	15.08	13.78	20.35	21.60
		106	5530	Full	15.28	15.56	16.11	15.36	21.61	21.92
		122	5610	Full	15.34	15.35	16.84	15.16	21.75	21.92
		138	5690	Full	15.54	15.38	16.65	14.97	21.70	21.92
		138	5690	Full	-0.44	0.37	0.83	-0.34	6.16	27.50
		155	5775	Full	18.96	19.58	20.46	19.28	25.63	27.50

Low Power TPC												
Test Mode	Data Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit	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	
802.11n HT20	26M	52	5260	5.56	5.82	6.71	5.05	11.85	-	8.40	20.25	24.00
		56	5280	5.48	6.54	6.78	4.93	12.02	-	8.40	20.42	24.00
		60	5300	5.45	6.40	6.73	4.86	11.94	-	8.40	20.34	24.00
		64	5320	5.86	6.39	6.86	5.04	12.11	-	8.40	20.51	24.00
		100	5500	6.32	6.69	7.28	6.57	12.75	-	8.08	20.83	24.00
		112	5560	6.22	6.61	7.36	6.10	12.62	-	8.08	20.70	24.00
		116	5580	6.11	6.51	7.25	5.82	12.48	-	8.08	20.56	24.00
		124	5620	5.97	6.22	7.17	5.80	12.34	-	8.08	20.42	24.00
		132	5660	5.85	6.11	7.15	5.68	12.26	-	8.08	20.34	24.00
		140	5700	5.84	6.26	7.61	5.81	12.47	-	8.08	20.55	24.00
		144	5720	5.04	5.23	6.54	5.37	11.61	-	8.08	19.69	24.00
802.11n HT40	54M	54	5270	7.03	7.47	8.01	7.08	13.44	-	8.40	21.84	24.00
		62	5310	7.13	7.65	7.81	6.80	13.39	-	8.40	21.79	24.00
		102	5510	7.46	7.78	7.68	7.92	13.73	-	8.08	21.81	24.00
		110	5550	7.53	7.95	8.28	7.63	13.88	-	8.08	21.96	24.00
		126	5630	7.30	7.62	8.04	7.49	13.64	-	8.08	21.72	24.00
		134	5670	8.13	7.91	8.88	7.76	14.21	-	8.08	22.29	24.00
		142	5710	8.30	8.76	9.58	8.48	14.83	-	8.08	22.91	24.00

Test Mode	Data Rate or Sub-test	CH	Frequency (MHz)	Average power					Limit	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	MCS 0	52	5260	5.64	5.92	6.80	5.08	11.93	-	8.40	20.33	24.00
		56	5280	5.50	6.55	6.86	5.02	12.07	-	8.40	20.47	24.00
		60	5300	5.48	6.43	6.79	4.97	12.00	-	8.40	20.4	24.00
		64	5320	5.97	6.48	6.94	5.10	12.20	-	8.40	20.6	24.00
		100	5500	6.42	6.74	7.34	6.60	12.81	-	8.08	20.89	24.00
		112	5560	6.24	6.62	7.41	6.22	12.67	-	8.08	20.75	24.00
		116	5580	6.22	6.59	7.35	5.91	12.57	-	8.08	20.65	24.00
		124	5620	6.03	6.35	7.26	5.94	12.45	-	8.08	20.53	24.00
		132	5660	5.93	6.25	7.19	5.82	12.35	-	8.08	20.43	24.00
		140	5700	5.89	6.29	7.68	5.87	12.52	-	8.08	20.6	24.00
802.11ac VHT40	MCS 0	54	5270	7.16	7.54	8.12	7.11	13.52	-	8.40	21.92	24.00
		62	5310	7.24	7.71	7.84	6.86	13.45	-	8.40	21.85	24.00
		102	5510	7.49	7.83	7.82	7.96	13.80	-	8.08	21.88	24.00
		110	5550	7.58	8.00	8.31	7.72	13.93	-	8.08	22.01	24.00
		126	5630	7.36	7.74	8.14	7.54	13.73	-	8.08	21.81	24.00
		134	5670	8.20	7.92	8.89	7.89	14.26	-	8.08	22.34	24.00
		142	5710	8.41	9.07	9.59	8.72	14.99	-	8.08	23.07	24.00
802.11ac VHT80	MCS 0	58	5290	7.89	8.18	9.01	7.77	14.26	-	8.40	22.66	24.00
		106	5530	9.25	9.51	10.04	9.31	15.56	-	8.08	23.64	24.00
		122	5610	9.32	9.24	10.78	9.14	15.70	-	8.08	23.78	24.00
		138	5690	9.18	9.12	10.22	8.55	15.33	-	8.08	23.41	24.00

Test Mode	Date Rate or Sub-test	CH	Freq. (MHz)	RU	Average power					Limit	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	dBm
802.11ax HE20	MCS 0	52	5260	Full	5.66	5.96	6.86	5.22	11.99	-	8.40	20.39	24.00
		56	5280	Full	5.58	6.56	6.97	5.12	12.14	-	8.40	20.54	24.00
		60	5300	Full	5.55	6.50	6.89	5.05	12.08	-	8.40	20.48	24.00
		64	5320	Full	6.01	6.51	6.95	5.21	12.24	-	8.40	20.64	24.00
		100	5500	Full	6.45	6.83	7.44	6.61	12.87	-	8.08	20.95	24.00
		112	5560	Full	6.33	6.75	7.49	6.23	12.75	-	8.08	20.83	24.00
		116	5580	Full	6.25	6.66	7.41	6.02	12.64	-	8.08	20.72	24.00
		124	5620	Full	6.12	6.45	7.35	5.95	12.52	-	8.08	20.60	24.00
		132	5660	Full	6.00	6.38	7.26	5.90	12.44	-	8.08	20.52	24.00
		140	5700	Full	5.98	6.32	7.73	5.88	12.56	-	8.08	20.64	24.00
		144	5720	Full	5.36	5.60	6.65	5.51	11.83	-	8.08	19.91	24.00
802.11ax HE40	MCS0	54	5270	Full	7.27	7.62	8.23	7.12	13.60	-	8.40	22.00	24.00
		62	5310	Full	7.28	7.75	7.91	6.93	13.51	-	8.40	21.91	24.00
		102	5510	Full	7.51	7.96	7.85	8.08	13.88	-	8.08	21.96	24.00
		110	5550	Full	7.60	8.01	8.32	7.78	13.96	-	8.08	22.04	24.00
		126	5630	Full	7.49	7.88	8.23	7.63	13.84	-	8.08	21.92	24.00
		134	5670	Full	8.21	7.99	9.02	7.95	14.34	-	8.08	22.42	24.00
		142	5710	Full	8.79	9.35	9.90	8.93	15.28	-	8.08	23.36	24.00
802.11ax HE80	MCS 0	58	5290	Full	8.03	8.30	9.08	7.78	14.35	-	8.40	22.75	24.00
		106	5530	Full	9.28	9.56	10.11	9.36	15.61	-	8.08	23.69	24.00
		122	5610	Full	9.34	9.35	10.84	9.16	15.75	-	8.08	23.83	24.00
		138	5690	Full	9.54	9.38	10.65	8.97	15.70	-	8.08	23.78	24.00

26 dB & 99 % RF Bandwidth Measurement										
Test 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
802.11ac VHT20	36	5180	17.660	17.598	17.637	17.594	20.440	19.920	20.080	20.010
	40	5200	17.658	17.635	17.606	17.701	20.470	20.090	20.160	24.940
	48	5240	17.647	17.610	17.721	17.676	20.480	20.360	22.820	20.160
	52	5260	17.685	17.586	17.625	17.619	20.330	20.060	20.070	20.170
	56	5280	17.649	17.586	17.614	17.601	20.290	19.960	20.200	20.000
	64	5320	17.599	17.585	17.602	17.599	20.360	20.080	20.090	20.080
	100	5500	17.596	17.575	17.555	17.624	19.970	19.860	20.020	20.010
	112	5560	17.617	17.601	17.604	17.606	20.320	19.950	20.140	20.130
	140	5700	17.644	17.586	17.607	17.585	20.220	20.150	20.230	20.270
	144	5720	13.753	13.741	13.712	13.716	15.180	15.050	15.050	15.090
802.11ac VHT40	38	5190	35.963	35.898	36.087	36.045	41.040	39.970	40.290	40.370
	46	5230	36.312	36.443	37.248	36.338	51.850	61.520	67.700	54.520
	54	5270	36.012	35.819	35.958	35.919	40.650	40.170	40.510	40.670
	62	5310	35.936	35.868	35.915	35.929	40.510	40.580	39.990	40.600
	102	5510	36.037	35.921	35.940	35.980	40.840	40.400	40.640	40.590
	110	5550	35.927	35.881	35.939	35.949	40.930	40.180	40.340	40.360
	134	5670	35.980	35.914	35.955	35.864	41.170	40.580	40.440	40.350
	142	5710	32.759	32.659	32.742	32.690	35.230	34.950	35.080	35.100
802.11ac VHT80	42	5210	75.061	74.917	74.844	75.075	80.070	80.080	79.880	79.840
	58	5290	74.971	74.944	75.042	75.054	80.070	79.960	80.030	79.910
	106	5530	75.070	74.948	74.940	74.960	80.130	80.140	79.740	79.790
	122	5610	74.863	74.970	74.940	74.988	80.270	80.150	79.940	80.170
	138	5690	71.952	71.822	71.840	71.818	75.330	74.970	74.950	74.950

Test 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	18.959	18.990	18.959	19.012	21.870	21.500	22.120	21.960
	40	5200	19.017	19.023	19.051	18.987	22.400	24.290	26.290	22.250
	48	5240	18.830	18.779	18.821	18.785	20.070	20.360	23.580	21.440
	52	5260	18.989	18.978	18.943	18.963	21.650	21.670	21.900	21.790
	56	5280	18.952	19.016	18.963	18.958	21.800	21.750	21.590	21.770
	64	5320	18.969	18.981	18.938	18.929	22.000	22.780	21.390	22.210
	100	5500	18.976	18.950	18.954	18.949	21.530	22.480	21.980	22.980
	112	5560	19.005	18.967	18.960	18.978	21.870	22.300	21.790	22.320
	140	5700	18.965	18.954	18.955	18.969	22.260	21.930	22.200	23.220
	144	5720	14.469	14.425	14.422	14.436	15.920	15.630	16.400	16.460
802.11ax HE40	38	5190	37.554	37.515	37.515	37.568	39.820	39.860	39.850	39.980
	46	5230	37.771	37.806	38.011	37.829	50.130	54.180	60.320	48.160
	54	5270	37.528	37.510	37.476	37.472	39.920	39.890	39.830	39.930
	62	5310	37.532	37.523	37.557	37.457	39.830	39.840	39.910	39.890
	102	5510	37.610	37.519	37.472	37.506	40.010	39.920	39.930	39.910
	110	5550	37.580	37.509	37.516	37.521	39.950	39.860	39.940	39.930
	134	5670	37.470	37.556	37.489	37.551	39.840	39.940	39.940	39.930
	142	5710	33.546	33.582	33.543	33.534	34.880	34.850	34.860	34.890
802.11ax HE80	42	5210	76.673	76.624	76.630	76.472	80.830	80.930	81.060	80.780
	58	5290	76.638	76.512	76.621	76.689	81.030	81.030	80.850	81.060
	106	5530	76.748	76.535	76.542	76.766	81.000	80.930	80.890	80.590
	122	5610	76.522	76.624	76.539	76.706	80.840	80.870	80.950	80.890
	138	5690	72.707	72.819	72.833	72.700	75.500	75.460	78.930	75.480

Band III_6 dB & 99 % RF Bandwidth Measurement										
Test Mode	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
802.11ac VHT20	144	5720	4.138	4.099	4.095	4.085	3803.000	3771.000	3789.000	3774.000
	149	5745	27.602	22.242	18.242	18.727	15060.000	13880.000	14450.000	14450.000
	157	5785	25.174	22.588	18.494	22.362	14160.000	15020.000	14960.000	12610.000
	165	5825	23.180	19.686	20.153	21.025	15940.000	15030.000	15080.000	11370.000
802.11ac VHT40	142	5710	3.812	3.818	3.913	3.847	3195.000	3176.000	3160.000	3163.000
	151	5755	38.583	37.030	37.174	36.729	32630.000	31910.000	35060.000	35050.000
	159	5795	36.342	36.486	38.101	36.429	32630.000	32620.000	33790.000	33860.000
802.11ac VHT80	138	5690	3.755	3.721	3.828	3.706	3161.000	3171.000	3172.000	3164.000
	155	5775	75.677	75.456	76.726	75.129	75120.000	75070.000	73840.000	73820.000
802.11ax HE20	144	5720	4.705	4.627	4.658	4.646	4481.000	4472.000	4456.000	4456.000
	149	5745	27.822	28.015	23.118	28.855	18510.000	16540.000	16970.000	18170.000
	157	5785	23.414	28.869	23.821	28.284	15240.000	17540.000	18030.000	16590.000
	165	5825	25.652	26.642	27.566	24.195	16000.000	15290.000	17550.000	17900.000
802.11ax HE40	142	5710	4.117	4.113	4.139	4.125	4001.000	4006.000	4008.000	4009.000
	151	5755	38.752	43.418	40.165	43.490	35090.000	33880.000	34470.000	35700.000
	159	5795	38.280	38.498	55.892	38.641	35110.000	35130.000	33850.000	35210.000
802.11ax HE80	138	5690	4.181	4.222	4.532	4.225	4002.000	3999.000	4000.000	4012.000
	155	5775	77.164	77.386	97.217	77.049	75090.000	75110.000	75070.000	75120.000

Power Spectral Density Measurement									
Test 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	
802.11ac VHT20	36	5180	6.732	7.097	6.367	6.183	0.228	12.858	15.080
	40	5200	7.728	8.197	8.642	7.724	0.228	14.338	15.080
	48	5240	7.925	8.130	8.580	7.672	0.228	14.338	15.080
	52	5260	1.660	1.603	2.357	0.885	0.228	7.906	8.600
	56	5280	1.477	1.694	2.785	0.940	0.228	8.026	8.600
	64	5320	1.654	1.942	2.426	0.910	0.228	8.016	8.600
	100	5500	1.688	2.219	2.775	1.993	0.228	8.436	8.920
	112	5560	1.809	2.359	2.895	1.636	0.228	8.452	8.920
	140	5700	1.615	1.826	3.339	1.688	0.228	8.427	8.920
	144	5720	1.618	1.878	3.187	1.522	0.228	8.354	8.920
802.11ac VHT40	38	5190	2.444	3.252	3.343	2.555	0.452	9.390	15.080
	46	5230	7.711	8.446	8.938	7.762	0.452	14.717	15.080
	54	5270	1.177	1.629	2.336	1.026	0.452	8.045	8.600
	62	5310	1.110	1.721	2.292	0.888	0.452	8.011	8.600
	102	5510	1.507	2.308	2.666	1.600	0.452	8.520	8.920
	110	5550	1.503	2.228	2.778	1.415	0.452	8.490	8.920
	134	5670	1.442	2.176	2.876	1.127	0.452	8.432	8.920
	142	5710	1.461	2.298	2.936	1.065	0.452	8.474	8.920
802.11ac VHT80	42	5210	-1.288	-1.017	-0.546	-1.724	0.912	5.810	15.080
	58	5290	-1.705	-1.743	-0.315	-2.178	0.912	5.507	8.600
	106	5530	-1.571	-1.195	-0.515	-1.628	0.912	5.729	8.920
	122	5610	-1.301	-1.643	-0.259	-1.634	0.912	5.762	8.920
	138	5690	-1.894	-1.323	-0.205	-1.675	0.912	5.709	8.920

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

Test 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	7.204	7.774	6.833	6.638	0.011	13.166	15.080
	40	5200	8.252	8.737	9.230	8.228	0.011	14.663	15.080
	48	5240	8.440	8.557	9.145	8.219	0.011	14.636	15.080
	52	5260	2.074	2.182	2.900	1.405	0.011	8.205	8.600
	56	5280	1.850	2.184	3.233	1.138	0.011	8.200	8.600
	64	5320	2.221	2.353	3.097	1.135	0.011	8.289	8.600
	100	5500	2.243	2.856	3.311	2.542	0.011	8.788	8.920
	112	5560	2.300	2.862	3.343	2.322	0.011	8.760	8.920
	140	5700	2.134	2.342	3.921	2.143	0.011	8.735	8.920
	144	5720	2.119	2.311	3.709	2.106	0.011	8.647	8.920
802.11ax HE40	38	5190	2.626	3.301	3.480	2.701	0.643	9.706	15.080
	46	5230	7.822	8.461	9.078	7.987	0.643	15.029	15.080
	54	5270	1.320	1.933	2.417	1.071	0.643	8.381	8.600
	62	5310	1.224	1.897	2.425	0.804	0.643	8.296	8.600
	102	5510	1.506	2.392	2.794	1.633	0.643	8.778	8.920
	110	5550	1.603	2.347	2.851	1.577	0.643	8.792	8.920
	134	5670	1.468	2.284	2.975	1.244	0.643	8.711	8.920
	142	5710	1.503	2.394	3.101	1.288	0.643	8.796	8.920
802.11ax HE80	42	5210	-1.459	-1.003	-0.569	-1.680	1.152	6.016	15.080
	58	5290	-1.845	-1.546	-0.354	-2.213	1.152	5.741	8.600
	106	5530	-1.699	-1.239	-0.512	-1.571	1.152	5.942	8.920
	122	5610	-1.225	-1.556	-0.256	-1.528	1.152	6.064	8.920
	138	5690	-1.898	-1.372	-0.254	-1.762	1.152	5.901	8.920

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

Band III_ Power Spectral Density Measurement														
Test 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	
802.11ac VHT20	144	5720	-10.359	-3.369	-10.205	-3.215	-8.270	-1.280	-9.599	-2.609	0.228	3.712	27.50	PASS
	149	5745	2.649	9.639	2.784	9.774	1.220	8.210	2.584	9.574	0.228	15.591	27.50	PASS
	157	5785	2.319	9.309	2.839	9.829	1.377	8.367	2.505	9.495	0.228	15.531	27.50	PASS
	165	5825	1.578	8.568	2.361	9.351	2.035	9.025	1.742	8.732	0.228	15.178	27.50	PASS
802.11ac VHT40	142	5710	-12.489	-5.499	-11.272	-4.282	-10.452	-3.462	-11.660	-4.670	0.452	2.056	27.50	PASS
	151	5755	-1.665	5.325	-1.137	5.853	-2.213	4.777	-1.551	5.439	0.452	11.838	27.50	PASS
	159	5795	-2.662	4.328	-2.090	4.900	-1.322	5.668	-1.930	5.060	0.452	11.488	27.50	PASS
802.11ac VHT80	138	5690	-15.705	-8.715	-14.737	-7.747	-14.177	-7.187	-15.200	-8.210	0.912	-0.995	27.50	PASS
	155	5775	-5.319	1.671	-4.900	2.090	-3.910	3.080	-5.294	1.696	0.912	9.106	27.50	PASS
802.11ax HE20	144	5720	-9.796	-2.806	-9.772	-2.782	-8.381	-1.391	-9.863	-2.873	0.011	3.615	27.50	PASS
	149	5745	2.259	9.249	2.719	9.709	1.014	8.004	2.713	9.703	0.011	15.251	27.50	PASS
	157	5785	2.091	9.081	2.807	9.797	1.260	8.250	3.050	10.040	0.011	15.378	27.50	PASS
	165	5825	1.474	8.464	2.483	9.473	1.907	8.897	1.724	8.714	0.011	14.935	27.50	PASS
802.11ax HE40	142	5710	-12.981	-5.991	-11.579	-4.589	-10.433	-3.443	-11.541	-4.551	0.643	2.112	27.50	PASS
	151	5755	-2.572	4.418	-1.642	5.348	-2.877	4.113	-1.454	5.536	0.643	11.559	27.50	PASS
	159	5795	-3.101	3.889	-2.499	4.491	-1.427	5.563	-2.276	4.714	0.643	11.370	27.50	PASS
802.11ax HE80	138	5690	-16.351	-9.361	-15.376	-8.386	-14.988	-7.998	-16.114	-9.124	1.152	-1.510	27.50	PASS
	155	5775	-5.847	1.143	-5.410	1.580	-4.006	2.984	-5.596	1.394	1.152	9.009	27.50	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)