

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	2.105	2.110	99.763	0.010	0.010
802.11n HT20	5180	10.000	10.000	100.000	0.000	0.010
802.11n HT40	5190	10.000	10.000	100.000	0.000	0.010
802.11ac VHT20	5180	10.000	10.000	100.000	0.000	0.010
802.11ac VHT40	5190	10.000	10.000	100.000	0.000	0.010
802.11ac VHT80	5210	10.000	10.000	100.000	0.000	0.010
802.11ac VHT160	5250	10.000	10.000	100.000	0.000	0.010
802.11ax HE20	5180	10.000	10.000	100.000	0.000	0.010
802.11ax HE40	5190	10.000	10.000	100.000	0.000	0.010
802.11ax HE80	5210	10.000	10.000	100.000	0.000	0.010
802.11ax HE160	5250	10.000	10.000	100.000	0.000	0.010

RF power setting in Test SW

Mode	CH	Frequency (MHz)	chain_2(Main)	chain_1(Aux)	Test SW Version
802.11a	36	5180	14	14	QRCT v4.0.00185.0
	40	5200	20	20	
	48	5240	16.5	16.5	
	52	5260	19	19	
	56	5280	19.5	19.5	
	64	5320	15.5	15.5	
	100	5500	16.5	16.5	
	112	5560	20.5	20.5	
	140	5700	15	15	
	144	5720	17.5	17.5	
	149	5745	20	20	
	157	5785	20	20	
	165	5825	20.5	20.5	
802.11n HT20	36	5180	16	16	QRCT v4.0.00185.0
	40	5200	16	16	
	48	5240	15.5	15.5	
	52	5260	16	16	
	56	5280	16	16	
	64	5320	16	16	
	100	5500	16.5	16.5	
	112	5560	17	16.5	
	140	5700	15.5	15.5	
	144	5720	15	15	
	149	5745	17.5	17.5	
	157	5785	17.5	17.5	
	165	5825	17	17	
802.11n HT40	38	5190	14.5	14.5	QRCT v4.0.00185.0
	46	5230	15.5	15.5	
	54	5270	16	16	
	62	5310	15	15	
	102	5510	15.5	15.5	
	110	5550	17	17	
	134	5670	16	16	
	142	5710	15.5	15.5	
	151	5755	16.5	16.5	
	159	5795	16.5	16.5	

RF power setting in Test SW

Mode	CH	Frequency (MHz)	chain_2(Main)	chain_1(Aux)	Test SW Version
802.11ac VHT20	36	5180	16	16	QRCT v4.0.00185.0
	40	5200	16	16	
	48	5240	15.5	15.5	
	52	5260	16	16	
	56	5280	16	16	
	64	5320	16	16	
	100	5500	16.5	16.5	
	112	5560	17	17	
	140	5700	15.5	15.5	
	144	5720	15	15	
	149	5745	17.5	17.5	
	157	5785	17.5	17.5	
	165	5825	17	17	
802.11ac VHT40	38	5190	14.5	14.5	QRCT v4.0.00185.0
	46	5230	15.5	15.5	
	54	5270	16	16	
	62	5310	15	15	
	102	5510	15.5	15.5	
	110	5550	17	17	
	134	5670	16	16	
	142	5710	15.5	15.5	
	151	5755	16.5	16.5	
	159	5795	16.5	16.5	
802.11ac VHT80	42	5210	12	12	QRCT v4.0.00185.0
	58	5290	12.5	12.5	
	106	5530	14.5	14.5	
	122	5610	16.5	16.5	
	138	5690	15	15	
	155	5775	16.5	16.5	
802.11ac VHT160	50	5250	8.5	8.5	QRCT v4.0.00185.0
	114	5570	14.5	14.5	

RF power setting in Test SW

Mode	CH	Frequency (MHz)	chain_2(Main)	chain_1(Aux)	Test SW Version
802.11ax HE20	36	5180	16	16	QRCT v4.0.00185.0
	40	5200	16	16	
	48	5240	15.5	15.5	
	52	5260	16	16	
	56	5280	16	16	
	64	5320	16	16	
	100	5500	16.5	16.5	
	112	5560	17	17	
	140	5700	15.5	15.5	
	144	5720	15	15	
	149	5745	17.5	17.5	
	157	5785	17.5	17.5	
	165	5825	17	17	
802.11ax HE40	38	5190	14.5	14.5	QRCT v4.0.00185.0
	46	5230	15.5	15.5	
	54	5270	16	16	
	62	5310	15	15	
	102	5510	15.5	15.5	
	110	5550	17	17	
	134	5670	16	16	
	142	5710	15.5	15.5	
	151	5755	16.5	16.5	
	159	5795	16.5	16.5	
802.11ax HE80	42	5210	12	12	QRCT v4.0.00185.0
	58	5290	12.5	12.5	
	106	5530	14.5	14.5	
	122	5610	16.5	16.5	
	138	5690	15	15	
	155	5775	16.5	16.5	
802.11ax HE160	50	5250	8.5	8.5	QRCT v4.0.00185.0
	114	5570	14.5	14.5	

Maximum Conducted Output Power Measurement						
Mode	CH	Frequency (MHz)	Average power			Limit
			chain_2(Main)	chain_1(Aux)	Total	
			dBm	dBm	dBm	
802.11a	36	5180	12.66	13.64	16.19	24.00
	40	5200	17.44	19.02	21.31	24.00
	48	5240	15.85	16.05	18.96	24.00
	52	5260	17.35	18.17	20.79	24.00
	56	5280	18.16	18.64	21.42	24.00
	64	5320	13.85	15.07	17.51	24.00
	100	5500	15.11	15.12	18.13	24.00
	112	5560	17.49	18.17	20.85	24.00
	140	5700	14.10	13.95	17.04	24.00
	144	5720	16.36	16.46	19.42	23.06
	149	5745	17.54	18.05	20.81	30.00
	157	5785	17.72	17.53	20.64	30.00
	165	5825	17.36	18.63	21.05	30.00
802.11n HT20	36	5180	15.06	15.19	18.14	24.00
	40	5200	14.91	15.35	18.15	24.00
	48	5240	14.96	14.93	17.96	24.00
	52	5260	15.09	15.06	18.09	24.00
	56	5280	15.25	15.29	18.28	24.00
	64	5320	15.29	15.27	18.29	24.00
	100	5500	14.17	14.72	17.46	24.00
	112	5560	14.73	15.13	17.94	24.00
	140	5700	14.16	13.93	17.06	24.00
	144	5720	13.84	13.85	16.86	24.00
	149	5745	15.25	15.17	18.22	30.00
	157	5785	15.22	15.11	18.18	30.00
	165	5825	14.68	15.21	17.96	30.00
802.11n HT40	38	5190	13.28	13.43	16.37	24.00
	46	5230	14.47	14.76	17.63	24.00
	54	5270	14.99	14.92	17.97	24.00
	62	5310	14.17	14.21	17.20	24.00
	102	5510	13.16	13.58	16.39	24.00
	110	5550	14.38	15.03	17.73	24.00
	134	5670	14.55	14.94	17.76	24.00
	142	5710	14.04	13.98	17.02	24.00
	151	5755	14.41	14.82	17.63	30.00
	159	5795	14.67	14.32	17.51	30.00

Maximum Conducted Output Power Measurement						
Mode	CH	Frequency (MHz)	Average power			Limit
			chain_2(Main)	chain_1(Aux)	Total	
			dBm	dBm	dBm	
802.11ac VHT20	36	5180	15.13	15.25	18.20	24.00
	40	5200	15.05	15.44	18.26	24.00
	48	5240	15.02	15.07	18.06	24.00
	52	5260	15.22	15.13	18.19	24.00
	56	5280	15.31	15.43	18.38	24.00
	64	5320	15.42	15.39	18.42	24.00
	100	5500	14.30	14.84	17.59	24.00
	112	5560	14.77	15.16	17.98	24.00
	140	5700	14.27	14.06	17.18	24.00
	144	5720	13.98	13.95	16.98	22.89
	149	5745	15.39	15.25	18.33	30.00
	157	5785	15.36	15.23	18.31	30.00
	165	5825	14.79	15.30	18.06	30.00
802.11ac VHT40	38	5190	13.34	13.55	16.46	24.00
	46	5230	14.55	14.83	17.70	24.00
	54	5270	15.11	15.04	18.09	24.00
	62	5310	14.27	14.36	17.33	24.00
	102	5510	13.25	13.65	16.46	24.00
	110	5550	14.44	15.12	17.80	24.00
	134	5670	14.67	15.05	17.87	24.00
	142	5710	14.12	14.06	17.10	24.00
	151	5755	14.55	14.90	17.74	30.00
	159	5795	14.69	14.42	17.57	30.00
802.11ac VHT80	42	5210	10.86	10.74	13.81	24.00
	58	5290	11.69	11.69	14.70	24.00
	106	5530	12.72	13.23	15.99	24.00
	122	5610	14.51	14.14	17.34	24.00
	138	5690	13.66	13.71	16.70	24.00
	155	5775	14.32	14.31	17.33	30.00
802.11ac VHT160	50	5250	7.27	7.16	10.23	24.00
	114	5570	11.69	11.99	14.85	24.00

Maximum Conducted Output Power Measurement						
Mode	CH	Frequency (MHz)	Average power			Limit
			chain_2(Main)	chain_1(Aux)	Total	
			dBm	dBm	dBm	
802.11ax HE20	36	5180	15.19	15.31	18.26	24.00
	40	5200	15.15	15.53	18.35	24.00
	48	5240	15.10	15.14	18.13	24.00
	52	5260	15.32	15.25	18.30	24.00
	56	5280	15.38	15.53	18.47	24.00
	64	5320	15.54	15.52	18.54	24.00
	100	5500	14.36	14.96	17.68	24.00
	112	5560	14.85	15.16	18.02	24.00
	140	5700	14.38	14.17	17.29	24.00
	144	5720	14.09	14.01	17.06	22.89
	149	5745	15.65	15.57	18.62	30.00
	157	5785	15.44	15.32	18.39	30.00
	165	5825	14.86	15.43	18.16	30.00
802.11ax HE40	38	5190	13.45	13.67	16.57	24.00
	46	5230	14.61	14.97	17.80	24.00
	54	5270	15.27	15.28	18.29	24.00
	62	5310	14.36	14.42	17.40	24.00
	102	5510	13.39	13.78	16.60	24.00
	110	5550	14.57	15.21	17.91	24.00
	134	5670	14.79	15.15	17.98	24.00
	142	5710	14.29	14.28	17.30	24.00
	151	5755	14.61	15.02	17.83	30.00
	159	5795	14.75	14.41	17.59	30.00
802.11ax HE80	42	5210	11.11	10.99	14.06	24.00
	58	5290	11.82	11.81	14.83	24.00
	106	5530	12.87	13.29	16.10	24.00
	122	5610	14.58	14.24	17.42	24.00
	138	5690	13.76	13.81	16.80	24.00
	155	5775	14.42	14.45	17.45	30.00
802.11ax HE160	50	5250	7.58	7.43	10.52	24.00
	114	5570	11.92	12.23	15.09	24.00

Maximum Conducted Output Power Measurement_Transmit power control

Mode	CH	Frequency (MHz)	Average power					Limit	E.I.R.P		EIRP Power Limit
			chain_2(Main)	chain_1(Aux)	Ant-2	Ant-3	Total		Gain	Calculated Results	
			dBm	dBm	dBm	dBm	dBm		dBi	dBm	
802.11a	52	5260	11.35	12.17	-	-	14.79	18.00	1.47	16.26	23.47
	56	5280	12.16	12.64	-	-	15.42	18.00	1.47	16.89	23.47
	64	5320	7.85	9.07	-	-	11.51	18.00	1.47	12.98	23.47
	100	5500	9.11	9.12	-	-	12.13	18.00	1.47	13.60	23.16
	112	5560	11.49	12.17	-	-	14.85	18.00	1.47	16.32	23.16
	140	5700	8.10	7.95	-	-	11.04	18.00	1.47	12.51	23.16
	144	5720	10.36	10.46	-	-	13.42	17.06	1.47	14.89	22.25
802.11n HT20	52	5260	9.09	9.06	-	-	12.09	18.00	4.32	16.41	24.00
	56	5280	9.25	9.29	-	-	12.28	18.00	4.32	16.60	24.00
	64	5320	9.29	9.27	-	-	12.29	18.00	4.32	16.61	24.00
	100	5500	8.17	8.72	-	-	11.46	18.00	4.32	15.78	24.00
	112	5560	8.73	9.13	-	-	11.94	18.00	4.32	16.26	24.00
	140	5700	8.16	7.93	-	-	11.06	18.00	4.32	15.38	24.00
	144	5720	7.84	7.85	-	-	10.86	18.00	4.32	15.18	24.00
802.11n HT40	54	5270	8.99	8.92	-	-	11.97	18.00	4.32	16.29	24.00
	62	5310	8.17	8.21	-	-	11.20	18.00	4.32	15.52	24.00
	102	5510	7.16	7.58	-	-	10.39	18.00	4.32	14.71	24.00
	110	5550	8.38	9.03	-	-	11.73	18.00	4.32	16.05	24.00
	134	5670	8.55	8.94	-	-	11.76	18.00	4.32	16.08	24.00
	142	5710	8.04	7.98	-	-	11.02	18.00	4.32	15.34	24.00

Maximum Conducted Output Power Measurement_Transmit power control											
Mode	CH	Frequency (MHz)	Average power					Limit	E.I.R.P		EIRP Power Limit
			chain_2(Main)	chain_1(Aux)	Ant-2	Ant-3	Total		Gain	Calculated Results	
			dBm	dBm	dBm	dBm	dBm		dB	dBm	
802.11ac VHT20	52	5260	9.22	9.13	-	-	12.19	18.00	4.32	16.51	23.49
	56	5280	9.31	9.43	-	-	12.38	18.00	4.32	16.70	23.49
	64	5320	9.42	9.39	-	-	12.42	18.00	4.32	16.74	23.47
	100	5500	8.30	8.84	-	-	11.59	18.00	4.32	15.91	23.47
	112	5560	8.77	9.16	-	-	11.98	18.00	4.32	16.30	23.47
	140	5700	8.27	8.06	-	-	11.18	18.00	4.32	15.50	22.39
	144	5720	7.98	7.95	-	-	10.98	16.89	4.32	15.30	22.39
802.11ac VHT40	54	5270	9.11	9.04	-	-	12.09	18.00	4.32	16.41	24.00
	62	5310	8.27	8.36	-	-	11.33	18.00	4.32	15.65	24.00
	102	5510	7.25	7.65	-	-	10.46	18.00	4.32	14.78	24.00
	110	5550	8.44	9.12	-	-	11.80	18.00	4.32	16.12	24.00
	134	5670	8.67	9.05	-	-	11.87	18.00	4.32	16.19	24.00
	142	5710	8.12	8.06	-	-	11.10	18.00	4.32	15.42	24.00
802.11ac VHT80	58	5290	5.69	5.69	-	-	8.70	18.00	4.32	13.02	24.00
	106	5530	6.72	7.23	-	-	9.99	18.00	4.32	14.31	24.00
	122	5610	8.51	8.14	-	-	11.34	18.00	4.32	15.66	24.00
	138	5690	7.66	7.71	-	-	10.70	18.00	4.32	15.02	24.00
802.11ac VHT160	50	5250	-1.69	-1.82	-	-	1.26	17.49	4.32	5.58	24.00
	114	5570	5.69	5.99	-	-	8.85	18.00	0.00	8.85	24.00

Maximum Conducted Output Power Measurement_Transmit power control

Mode	CH	Frequency (MHz)	Average power					Limit	E.I.R.P		EIRP Power Limit
			chain_2(Main)	chain_1(Aux)	Ant-2	Ant-3	Total		Gain	Calculated Results	
			dBm	dBm	dBm	dBm	dBm		dB	dBm	
802.11ax HE20	52	5260	9.32	9.25	-	-	12.30	18.00	4.32	16.62	23.79
	56	5280	9.38	9.53	-	-	12.47	18.00	4.32	16.79	23.79
	64	5320	9.54	9.52	-	-	12.54	18.00	4.32	16.86	23.78
	100	5500	8.36	8.96	-	-	11.68	18.00	4.32	16.00	23.78
	112	5560	8.85	9.16	-	-	12.02	18.00	4.32	16.34	23.78
	140	5700	8.38	8.17	-	-	11.29	18.00	4.32	15.61	22.59
	144	5720	8.09	8.01	-	-	11.06	16.89	4.32	15.38	22.59
802.11ax HE40	54	5270	9.27	9.28	-	-	12.29	18.00	4.32	16.61	24.00
	62	5310	8.36	8.42	-	-	11.40	18.00	4.32	15.72	24.00
	102	5510	7.39	7.78	-	-	10.60	18.00	4.32	14.92	24.00
	110	5550	8.57	9.21	-	-	11.91	18.00	4.32	16.23	24.00
	134	5670	8.79	9.15	-	-	11.98	18.00	4.32	16.30	24.00
	142	5710	8.29	8.28	-	-	11.30	18.00	4.32	15.62	24.00
802.11ax HE80	58	5290	5.82	5.81	-	-	8.83	18.00	4.32	13.15	24.00
	106	5530	6.87	7.29	-	-	10.10	18.00	4.32	14.42	24.00
	122	5610	8.58	8.24	-	-	11.42	18.00	4.32	15.74	24.00
	138	5690	7.76	7.81	-	-	10.80	18.00	4.32	15.12	24.00
802.11ax HE160	50	5250	-1.42	-1.58	-	-	1.51	18.00	4.32	5.83	24.00
	114	5570	5.92	6.23	-	-	9.09	18.00	4.32	13.41	24.00

26 dB & 99 % RF Bandwidth Measurement						
Mode	CH	Freq. (MHz)	99 % Bandwidth		26 dB Bandwidth	
			chain_2(Main)	chain_1(Aux)	chain_2(Main)	chain_1(Aux)
			MHz	MHz	MHz	MHz
802.11a	36	5180	16.647	16.689	23.400	24.120
	40	5200	20.449	23.456	33.770	37.240
	48	5240	16.973	17.863	27.320	27.350
	52	5260	22.021	22.750	34.650	36.540
	56	5280	22.558	21.848	36.670	35.000
	64	5320	17.646	18.422	28.240	27.570
	100	5500	16.771	17.079	26.540	27.980
	112	5560	24.334	21.822	38.410	36.610
	140	5700	16.757	16.439	25.100	21.150
	144	5720	15.385	13.335	22.870	16.060
802.11ac VHT20	36	5180	17.739	17.700	23.260	21.740
	40	5200	17.773	17.697	23.140	21.840
	48	5240	17.762	17.757	22.960	22.230
	52	5260	17.785	17.783	24.000	23.610
	56	5280	17.802	17.756	25.330	23.170
	64	5320	17.939	18.031	25.410	25.890
	100	5500	17.785	18.180	25.060	27.580
	112	5560	18.028	18.138	25.970	26.010
	140	5700	17.798	17.657	25.680	20.980
	144	5720	13.814	13.781	16.330	15.440
802.11ac VHT40	38	5190	36.236	36.012	40.600	39.950
	46	5230	36.425	36.221	66.540	49.780
	54	5270	36.522	36.292	62.530	54.310
	62	5310	36.256	36.158	48.450	45.900
	102	5510	36.190	36.271	43.460	51.650
	110	5550	36.662	36.750	61.880	55.310
	134	5670	38.972	36.285	63.340	49.820
	142	5710	32.970	32.905	37.350	35.620
802.11ac VHT80	42	5210	75.262	75.270	82.950	81.750
	58	5290	75.189	75.203	81.430	82.130
	106	5530	75.263	75.388	81.990	83.450
	122	5610	76.067	75.407	112.570	82.560
	138	5690	72.070	72.140	76.250	76.300
802.11ac VHT160	50	5250	76.841	76.797	81.890	81.460
	50	5250	76.627	76.600	83.980	82.570
	114	5570	154.065	153.543	164.100	163.530

26 dB & 99 % RF Bandwidth Measurement						
Mode	CH	Freq. (MHz)	99 % Bandwidth		26 dB Bandwidth	
			chain_2(Main)	chain_1(Aux)	chain_2(Main)	chain_1(Aux)
			MHz	MHz	MHz	MHz
802.11ax HE20	36	5180	18.984	18.990	22.090	22.200
	40	5200	19.007	18.996	22.640	21.880
	48	5240	18.963	18.993	21.990	23.510
	52	5260	19.021	19.055	23.650	23.590
	56	5280	19.015	19.005	25.710	23.640
	64	5320	19.089	19.145	24.570	26.250
	100	5500	19.043	19.130	25.130	24.380
	112	5560	19.083	19.120	26.340	24.190
	140	5700	19.108	18.970	25.090	21.450
	144	5720	14.481	14.418	15.870	15.440
802.11ax HE40	38	5190	37.785	37.672	40.950	40.450
	46	5230	37.872	37.827	41.280	41.730
	54	5270	37.868	37.796	49.530	40.580
	62	5310	37.848	37.792	41.360	41.100
	102	5510	37.711	37.829	40.460	41.250
	110	5550	38.009	38.018	47.210	51.200
	134	5670	38.280	37.843	58.980	41.430
	142	5710	33.706	33.727	35.710	35.450
802.11ax HE80	42	5210	77.063	76.953	82.060	83.380
	58	5290	76.909	77.130	82.240	81.990
	106	5530	76.941	77.266	81.990	82.700
	122	5610	77.818	77.209	103.310	83.000
	138	5690	72.971	73.157	76.270	77.080
802.11ax HE160	50	5250	78.054	77.988	81.270	81.750
	50	5250	77.962	77.812	81.560	81.690
	114	5570	155.438	155.171	166.830	165.300

Band III_6 dB & 99 % RF Bandwidth Measurement							
Mode	CH	Freq. (MHz)	99 % Bandwidth		6 dB Bandwidth		6dB Limit
			chain_2(Main)	chain_1(Aux)	chain_2(Main)	chain_1(Aux)	
			MHz	MHz	kHz	kHz	kHz
802.11a	144	5720	9.122	7.303	3156	3138.000	≥ 500 kHz
	149	5745	27.982	20.277	15140	15020.000	
	157	5785	26.104	18.312	15790	15100.000	
	165	5825	26.354	20.119	16280	15140.000	
802.11ac VHT20	144	5720	7.220	4.696	3771	3481	
	149	5745	22.782	18.025	15080	15100	
	157	5785	19.960	17.832	15140	15960	
	165	5825	18.593	17.789	13850	15070	
802.11ac VHT40	142	5710	8.990	6.894	3170	3150	
	151	5755	39.032	36.196	35090	35100	
	159	5795	37.107	36.107	35030	33860	
802.11ac VHT80	138	5690	18.684	17.798	3154	3151	
	155	5775	76.345	75.175	42610	61380	
802.11ax HE20	144	5720	7.521	4.850	4483	4372	
	149	5745	22.087	19.136	17180	16670	
	157	5785	19.700	19.048	16360	16920	
	165	5825	19.392	18.996	16780	15570	
802.11ax HE40	142	5710	8.613	5.557	3991	4000	
	151	5755	38.658	37.877	35810	36400	
	159	5795	38.304	37.794	35050	35790	
802.11ax HE80	138	5690	18.032	16.736	3985	4000	
	155	5775	77.669	76.946	52560	72560	

Power Spectral Density Measurement							
Mode	CH	Frequency (MHz)	Measurement		Duty Factor	Calculated	Limit
			chain_2(Main)	chain_1(Aux)		Total	
			dBm/MHz	dBm/MHz	dB	dBm/MHz	dBm/MHz
802.11a	36	5180	4.920	5.986	0.010	8.506	11.000
	40	5200	6.940	8.490	0.010	10.804	11.000
	48	5240	6.041	6.110	0.010	9.096	11.000
	52	5260	7.149	7.734	0.010	10.472	11.000
	56	5280	7.142	8.268	0.010	10.762	11.000
	64	5320	6.000	6.246	0.010	9.145	11.000
	100	5500	4.324	5.038	0.010	7.716	11.000
	112	5560	7.536	7.951	0.010	10.769	11.000
	140	5700	4.043	3.999	0.010	7.042	11.000
	144	5720	6.166	6.358	0.010	9.284	11.000
802.11ac VHT20	36	5180	4.303	5.008	0.000	7.680	11.000
	40	5200	4.556	4.704	0.000	7.641	11.000
	48	5240	4.161	4.479	0.000	7.333	11.000
	52	5260	4.412	5.188	0.000	7.828	11.000
	56	5280	4.869	5.159	0.000	8.026	11.000
	64	5320	4.845	5.278	0.000	8.077	11.000
	100	5500	3.605	4.696	0.000	7.195	11.000
	112	5560	4.134	5.105	0.000	7.657	11.000
	140	5700	3.395	3.489	0.000	6.453	11.000
	144	5720	3.730	3.664	0.000	6.708	11.000
802.11ac VHT40	38	5190	0.361	0.954	0.000	3.678	11.000
	46	5230	1.813	2.152	0.000	4.996	11.000
	54	5270	2.260	2.850	0.000	5.575	11.000
	62	5310	2.018	1.826	0.000	4.933	11.000
	102	5510	0.852	1.365	0.000	4.127	11.000
	110	5550	2.257	3.046	0.000	5.679	11.000
	134	5670	1.934	2.450	0.000	5.210	11.000
	142	5710	1.641	1.850	0.000	4.757	11.000
802.11ac VHT80	42	5210	-4.264	-4.844	0.000	-1.534	11.000
	58	5290	-3.503	-3.874	0.000	-0.674	11.000
	106	5530	-2.682	-2.139	0.000	0.608	11.000
	122	5610	-0.679	-0.936	0.000	2.205	11.000
	138	5690	-1.622	-1.662	0.000	1.368	11.000
802.11ac VHT160	50	5250	-10.850	-10.991	0.000	-7.910	11.000
	50	5250	-10.960	-10.843	0.000	-7.891	11.000
	114	5570	-6.194	-5.648	0.000	-2.902	11.000

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		Total	
			dBm/MHz	dBm/MHz	dB	dBm/MHz	dBm/MHz
802.11ax HE20	36	5180	4.212	5.528	0.000	7.930	11.000
	40	5200	4.453	4.943	0.000	7.715	11.000
	48	5240	4.312	4.771	0.000	7.558	11.000
	52	5260	4.362	5.309	0.000	7.872	11.000
	56	5280	5.038	5.195	0.000	8.128	11.000
	64	5320	4.879	5.063	0.000	7.982	11.000
	100	5500	3.817	4.515	0.000	7.190	11.000
	112	5560	4.014	5.112	0.000	7.607	11.000
	140	5700	4.058	3.900	0.000	6.990	11.000
	144	5720	3.558	3.560	0.000	6.570	11.000
802.11ax HE40	38	5190	0.159	0.450	0.000	3.317	11.000
	46	5230	1.331	1.739	0.000	4.550	11.000
	54	5270	1.916	2.498	0.000	5.227	11.000
	62	5310	1.602	1.165	0.000	4.399	11.000
	102	5510	0.481	1.067	0.000	3.794	11.000
	110	5550	1.850	2.660	0.000	5.284	11.000
	134	5670	1.498	1.938	0.000	4.734	11.000
	142	5710	1.106	1.591	0.000	4.365	11.000
802.11ax HE80	42	5210	-4.141	-4.906	0.000	-1.497	11.000
	58	5290	-3.114	-3.620	0.000	-0.349	11.000
	106	5530	-2.760	-2.314	0.000	0.479	11.000
	122	5610	-0.543	-0.899	0.000	2.293	11.000
	138	5690	-1.387	-1.371	0.000	1.632	11.000
802.11ax HE160	50	5250	-10.499	-10.701	0.000	-7.588	11.000
	50	5250	-11.147	-10.753	0.000	-7.935	11.000
	114	5570	-5.851	-5.590	0.000	-2.708	11.000

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
			chain_2(Main)		chain_1(Aux)			Total		
			dBm/100 kHz	dBm/500 kHz	dBm/100 kHz	dBm/500 kHz	dB	dBm/500 kHz	dBm/500 kHz	
802.11a	144	5720	-5.713	1.287	-5.001	1.999	0.010	4.668	30.00	PASS
	149	5745	-1.414	5.586	-0.962	6.038	0.010	8.828	30.00	PASS
	157	5785	-1.657	5.343	-1.050	5.950	0.010	8.667	30.00	PASS
	165	5825	-1.416	5.584	-0.650	6.350	0.010	8.994	30.00	PASS
802.11ac VHT20	144	5720	-8.301	-1.311	-8.913	-1.924	0.000	1.404	30.00	PASS
	149	5745	-3.343	3.647	-3.119	3.871	0.000	6.771	30.00	PASS
	157	5785	-3.972	3.018	-3.724	3.266	0.000	6.154	30.00	PASS
	165	5825	-4.460	2.529	-3.830	3.159	0.000	5.866	30.00	PASS
802.11ac VHT40	142	5710	-11.481	-4.491	-11.549	-4.559	0.000	-1.515	30.00	PASS
	151	5755	-7.064	-0.075	-6.297	0.692	0.000	3.336	30.00	PASS
	159	5795	-6.836	0.154	-6.899	0.091	0.000	3.133	30.00	PASS
802.11ac VHT80	138	5690	-16.576	-9.586	-17.408	-10.419	0.000	-6.972	30.00	PASS
	155	5775	-9.552	-2.563	-10.187	-3.197	0.000	0.142	30.00	PASS
802.11ax HE20	144	5720	-9.066	-2.077	-9.968	-2.978	0.000	0.506	30.00	PASS
	149	5745	-4.746	2.244	-4.277	2.713	0.000	5.495	30.00	PASS
	157	5785	-4.898	2.091	-4.782	2.208	0.000	5.160	30.00	PASS
	165	5825	-5.785	1.205	-5.485	1.505	0.000	4.368	30.00	PASS
802.11ax HE40	142	5710	-12.802	-5.812	-13.177	-6.188	0.000	-2.985	30.00	PASS
	151	5755	-8.026	-1.036	-7.874	-0.884	0.000	2.051	30.00	PASS
	159	5795	-8.305	-1.316	-8.505	-1.516	0.000	1.596	30.00	PASS
802.11ax HE80	138	5690	-16.969	-9.979	-18.324	-11.334	0.000	-7.594	30.00	PASS
	155	5775	-10.807	-3.818	-10.529	-3.539	0.000	-0.666	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)