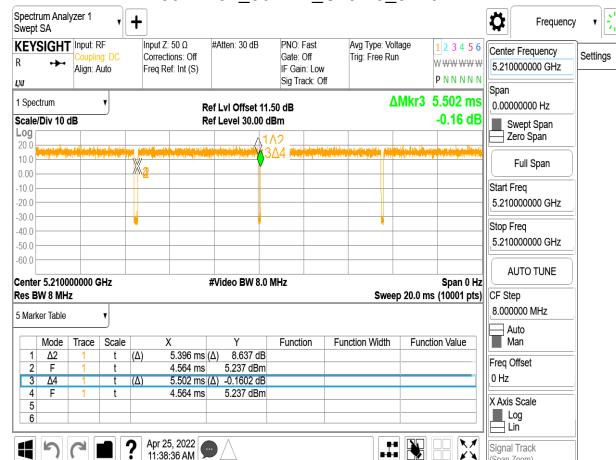


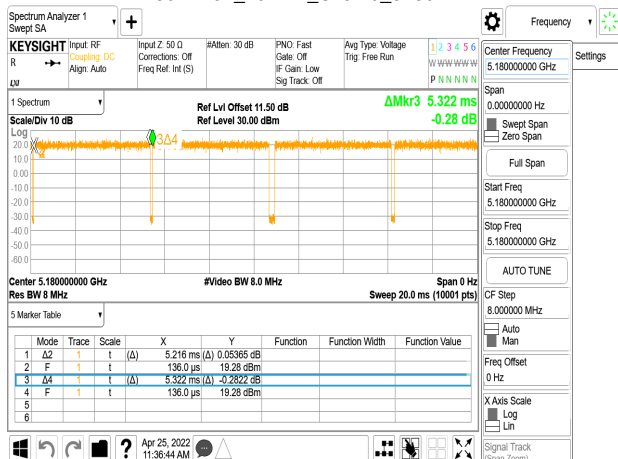
802.11ac_160MHz_Chain0_5250MHz



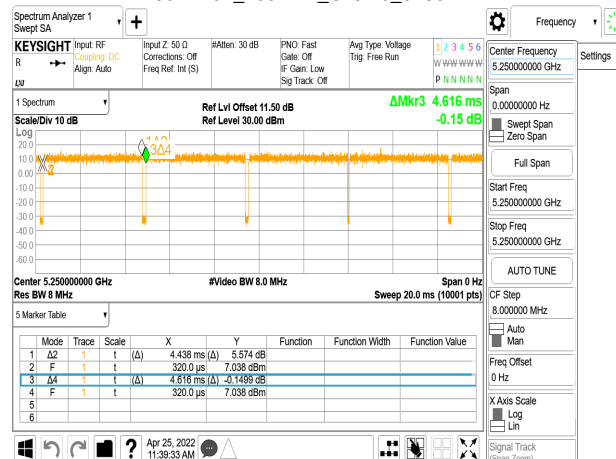
802.11ax_80MHz_Chain0_5210MHz



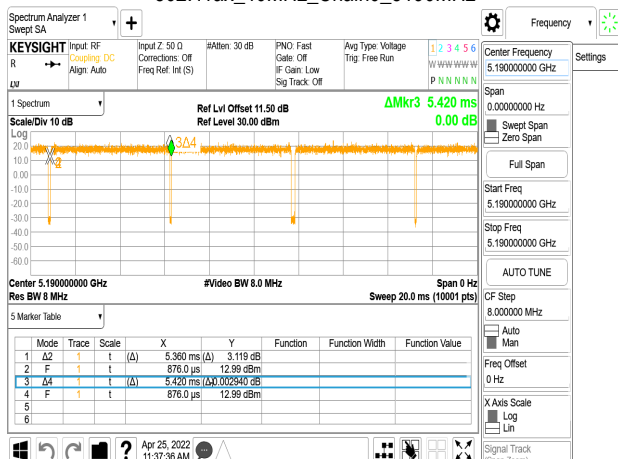
802.11ax_20MHz_Chain0_5180MHz



802.11ax_160MHz_Chain0_5250MHz



802.11ax_40MHz_Chain0_5190MHz



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9.5 Output Power Measurement Result

9.5.1 FCC Output power

802.11a_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	6	15.5	15.30	33.916	23.89	PASS
60	5300	6	15	14.71	29.608	23.98	PASS
64	5320	6	16	15.77	37.793	23.91	PASS
100	5500	6	14.5	14.30	26.941	23.98	PASS
116	5580	6	14.5	14.27	26.755	23.90	PASS
140	5700	6	15	14.80	30.228	23.98	PASS
144	5720(U-NII 2C)	6	15	13.52	22.50	22.76	PASS
144	5720 (U-NII 3)	6	15	8.72	7.45	30	PASS

802.11a_Ch1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	6	15	15.38	34.547	23.9	PASS
60	5300	6	14.5	14.81	30.298	23.86	PASS
64	5320	6	15.5	15.89	38.852	23.98	PASS
100	5500	6	14	14.38	27.442	23.98	PASS
116	5580	6	14	14.35	27.253	23.98	PASS
140	5700	6	14.5	14.85	30.578	23.98	PASS
144	5720(U-NII 2C)	6	14.5	13.62	23.01	22.79	PASS
144	5720 (U-NII 3)	6	14.5	8.66	7.35	30	PASS

802.11a_Ch2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	6	15.5	15.23	33.374	23.89	PASS
60	5300	6	15	14.59	28.801	23.97	PASS
64	5320	6	16	15.69	37.103	23.97	PASS
100	5500	6	14.5	14.21	26.388	23.95	PASS
116	5580	6	14.5	14.18	26.207	23.96	PASS
140	5700	6	15	14.70	29.540	23.92	PASS
144	5720(U-NII 2C)	6	15	13.44	22.09	22.72	PASS
144	5720 (U-NII 3)	6	15	8.60	7.25	30	PASS

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802.11a_Ch3

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	6	15	15.33	34.152	23.94	PASS
60	5300	6	14.5	14.70	29.540	23.92	PASS
64	5320	6	15.5	15.80	38.055	23.98	PASS
100	5500	6	14	14.32	27.065	23.91	PASS
116	5580	6	14	14.28	26.817	23.94	PASS
140	5700	6	14.5	14.75	29.882	23.96	PASS
144	5720(U-NII 2C)	6	14.5	13.41	21.92	22.68	PASS
144	5720 (U-NII 3)	6	14.5	8.74	7.48	30	PASS

802.11a_4TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1	Ch2	Ch3				
52	5260	6	16	15.01	15.43	14.8	15.19	21.40	138.038	23.89	PASS
60	5300	6	15.5	14.43	15.05	14.14	14.76	20.89	122.744	23.86	PASS
64	5320	6	16.5	15.42	16.1	15.14	15.81	21.92	155.597	23.91	PASS
100	5500	6	15	14.07	14.53	13.67	14.19	20.41	109.901	23.91	PASS
116	5580	6	15	14.08	14.44	13.81	14.2	20.42	110.154	23.9	PASS
140	5700	6	15	14.52	14.9	14.33	14.6	20.88	122.462	23.92	PASS
144	5720(U-NII 2C)	6	15	13.23	13.68	13.07	13.45	19.64	92.114	22.68	PASS
144	5720 (U-NII 3)	6	15	8.43	8.72	8.23	8.79	14.83	30.388	30	PASS

802.11n_HT20_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	MCS0	15.5	15.74	37.488	23.98	PASS
60	5300	MCS0	15.5	15.21	33.181	23.98	PASS
64	5320	MCS0	16	15.66	36.803	23.98	PASS
100	5500	MCS0	15	14.67	29.301	23.98	PASS
116	5580	MCS0	15.5	15.15	32.726	23.98	PASS
140	5700	MCS0	15.5	15.19	33.028	23.98	PASS
144	5720(U-NII 2C)	MCS0	15.5	13.94	24.79	23.98	PASS
144	5720 (U-NII 3)	MCS0	15.5	9.35	8.62	30	PASS

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802.11n_HT20_Ch1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	MCS0	15	15.82	38.185	23.98	PASS
60	5300	MCS0	15	15.31	33.954	23.98	PASS
64	5320	MCS0	15.5	15.77	37.748	23.98	PASS
100	5500	MCS0	14.5	14.78	30.053	23.98	PASS
116	5580	MCS0	15	15.25	33.488	23.98	PASS
140	5700	MCS0	15	15.30	33.876	23.98	PASS
144	5720(U-NII 2C)	MCS0	15	13.98	24.99	23.98	PASS
144	5720 (U-NII 3)	MCS0	15	9.53	8.97	30	PASS

802.11n_HT20_Ch2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	MCS0	15.5	15.67	36.888	23.98	PASS
60	5300	MCS0	15.5	15.12	32.500	23.98	PASS
64	5320	MCS0	16	15.59	36.215	23.98	PASS
100	5500	MCS0	15	14.57	28.634	23.98	PASS
116	5580	MCS0	15.5	15.06	32.054	23.98	PASS
140	5700	MCS0	15.5	15.11	32.426	23.98	PASS
144	5720(U-NII 2C)	MCS0	15.5	13.81	24.05	23.98	PASS
144	5720 (U-NII 3)	MCS0	15.5	9.31	8.53	30	PASS

802.11n_HT20_Ch3

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	MCS0	15	15.71	37.230	23.98	PASS
60	5300	MCS0	15	15.18	32.953	23.98	PASS
64	5320	MCS0	15.5	15.67	36.888	23.98	PASS
100	5500	MCS0	14.5	14.70	29.505	23.98	PASS
116	5580	MCS0	15	15.15	32.726	23.98	PASS
140	5700	MCS0	15	15.17	32.877	23.98	PASS
144	5720(U-NII 2C)	MCS0	15	13.91	24.61	23.98	PASS
144	5720 (U-NII 3)	MCS0	15	9.33	8.57	30	PASS

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802.11n_HT20_MIMO

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1	Ch2	Ch3				
52	5260	MCS24	16.5	15.77	16.19	15.3	15.92	21.91	155.239	23.98	PASS
60	5300	MCS24	16	15.14	15.65	14.78	15.36	21.34	136.144	23.98	PASS
64	5320	MCS24	16.5	15.61	16.15	15.27	15.87	21.84	152.757	23.98	PASS
100	5500	MCS24	15	14.48	15.17	14.36	14.85	20.83	121.060	23.98	PASS
116	5580	MCS24	15.5	15.1	15.53	14.72	15.33	21.28	134.276	23.98	PASS
140	5700	MCS24	15.5	15.13	15.57	14.85	15.39	21.34	136.144	23.98	PASS
144	5720(U-NII 2C)	MCS24	15.5	13.87	14.39	13.58	14.13	20.11	102.452	22.86	PASS
144	5720 (U-NII 3)	MCS24	15.5	9.29	9.94	9.08	9.55	15.58	36.104	30	PASS

802.11n_HT40_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	MCS0	17.5	17.86	61.131	23.98	PASS
62	5310	MCS0	17.5	17.81	60.431	23.98	PASS
102	5510	MCS0	17.5->15	14.90	30.921	23.98	PASS
110	5550	MCS0	18	17.93	62.124	23.98	PASS
134	5670	MCS0	17	17.87	61.272	23.98	PASS
142	5710(U-NII 2C)	MCS0	18	17.68	58.59	23.98	PASS
142	5710 (U-NII 3)	MCS0	18	9.10	8.13	30	PASS

802.11n_HT40_Ch1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	MCS0	15	17.95	62.411	23.98	PASS
62	5310	MCS0	15	17.92	61.981	23.98	PASS
102	5510	MCS0	17->14.5	15.36	34.376	23.98	PASS
110	5550	MCS0	17.5	17.97	62.699	23.98	PASS
134	5670	MCS0	17.5	18.00	63.133	23.98	PASS
142	5710(U-NII 2C)	MCS0	17.5	17.76	59.75	23.98	PASS
142	5710 (U-NII 3)	MCS0	17.5	8.89	7.75	30	PASS

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802.11n_HT40_Ch2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	MCS0	17.5	17.75	59.602	23.98	PASS
62	5310	MCS0	17.5	17.71	59.055	23.98	PASS
102	5510	MCS0	17.5->15	14.80	30.218	23.98	PASS
110	5550	MCS0	18	17.83	60.710	23.98	PASS
134	5670	MCS0	17	17.78	60.015	23.98	PASS
142	5710(U-NII 2C)	MCS0	18	17.63	57.96	23.98	PASS
142	5710 (U-NII 3)	MCS0	18	8.77	7.54	30	PASS

802.11n_HT40_Ch3

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	MCS0	15	17.77	59.877	23.98	PASS
62	5310	MCS0	15	17.68	58.649	23.98	PASS
102	5510	MCS0	17->14.5	15.17	32.905	23.98	PASS
110	5550	MCS0	17.5	17.75	59.602	23.98	PASS
134	5670	MCS0	17.5	17.80	60.292	23.98	PASS
142	5710(U-NII 2C)	MCS0	17.5	17.68	58.64	23.98	PASS
142	5710 (U-NII 3)	MCS0	17.5	8.73	7.46	30	PASS

802.11n_HT40_MIMO

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1	Ch2	Ch3				
54	5270	MCS24	17.5	17.52	18.11	17.4	17.8	23.88	244.343	23.98	PASS
62	5310	MCS24	17.5	17.49	18.02	17.34	17.75	23.82	240.991	23.98	PASS
102	5510	MCS24	17.5->15	15.02	15.63	14.87	15.29	21.38	137.404	23.98	PASS
110	5550	MCS24	17.5	17.47	17.96	17.3	17.71	23.78	238.781	23.98	PASS
134	5670	MCS24	17.5	17.55	18.1	17.41	17.81	23.89	244.906	23.98	PASS
142	5710(U-NII 2C)	MCS24	18	17.46	18.08	17.33	17.80	23.84	241.926	23.98	PASS
142	5710 (U-NII 3)	MCS24	18	8.88	9.21	8.47	8.85	15.02	31.768	30	PASS

802.11ac_VHT80_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	MCS0	17.5	17.81	60.425	23.98	PASS
106	5530	MCS0	16.5	16.30	42.679	23.98	PASS
122	5610	MCS0	18	17.83	60.704	23.98	PASS
138	5690(U-NII 2C)	MCS0	17.5	17.45	55.54	23.98	PASS
138	5690 (U-NII 3)	MCS0	17.5	6.22	4.19	30	PASS

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802.11ac_VHT80_Ch1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	MCS0	17	17.89	61.548	23.98	PASS
106	5530	MCS0	15	16.43	43.976	23.98	PASS
122	5610	MCS0	17.5	17.90	61.690	23.98	PASS
138	5690(U-NII 2C)	MCS0	17	17.58	57.29	23.98	PASS
138	5690 (U-NII 3)	MCS0	17	6.15	4.12	30	PASS

802.11ac_VHT80_Ch2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	MCS0	17.5	17.67	58.508	23.98	PASS
106	5530	MCS0	16.5	16.17	41.420	23.98	PASS
122	5610	MCS0	18	17.69	58.778	23.98	PASS
138	5690(U-NII 2C)	MCS0	17.5	17.36	54.45	23.98	PASS
138	5690 (U-NII 3)	MCS0	17.5	5.78	3.79	30	PASS

802.11ac_VHT80_Ch3

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	MCS0	17	17.78	60.009	23.98	PASS
106	5530	MCS0	15	16.28	42.483	23.98	PASS
122	5610	MCS0	17.5	17.74	59.459	23.98	PASS
138	5690(U-NII 2C)	MCS0	17	17.46	55.71	23.98	PASS
138	5690 (U-NII 3)	MCS0	17	5.89	3.88	30	PASS

802.11ac_VHT80_MIMO

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1	Ch2	Ch3				
58	5290	MCS0	17.5	17.55	18.16	17.4	17.78	23.89	244.906	23.98	PASS
106	5530	MCS0	16	16.08	16.67	15.94	16.37	22.44	175.388	23.98	PASS
122	5610	MCS0	17.5	17.46	18.01	17.33	17.75	23.81	240.436	23.98	PASS
138	5690(U-NII 2C)	MCS0	17.5	17.27	17.91	17.18	17.54	23.64	231.440	23.98	PASS
138	5690 (U-NII 3)	MCS0	17.5	6.05	6.47	5.60	5.97	12.20	16.582	30	PASS

802.11ac_VHT160_Ch0

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	18	17.74	59.464	23.98	PASS
114	5570	MCS0	18	12.59	18.166	23.98	PASS

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802.11ac VHT160 Ch1

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	17.5	17.86	61.130	23.98	PASS
114	5570	MCS0	18	13.00	19.964	23.98	PASS

802.11ac VHT160 Ch2

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	18	17.56	57.050	23.98	PASS
114	5570	MCS0	18	12.42	17.468	23.98	PASS

802.11ac VHT160 Ch3

CH	Frequency (MHz)	Data Rate	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	17.5	17.73	59.327	23.98	PASS
114	5570	MCS0	18	12.80	19.066	23.98	PASS

802.11ac VHT160 MIMO

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1	Ch2	Ch3				
50	5250	MCS0	18	17.65	18.35	17.46	17.82	23.92	246.604	23.98	PASS
114	5570	MCS0	18	12.84	13.52	12.41	13.11	19.07	80.724	23.98	PASS

802.11ax HE20 Ch0

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	MCS0	full	16	16.29	42.533	23.98	PASS
60	5300	MCS0	full	15.5	15.87	38.613	23.98	PASS
64	5320	MCS0	full	16	16.35	43.125	23.98	PASS
		MCS0	26/8	11.5	11.65	14.613	23.98	PASS
		MCS0	52/40	11.5	11.76	14.988	23.98	PASS
		MCS0	106/54	13.5	13.77	23.808	23.98	PASS
100	5500	MCS0	full	15	15.25	33.476	23.98	PASS
		MCS0	26/0	10	10.23	10.537	23.98	PASS
		MCS0	52/37	10	10.11	10.250	23.98	PASS
		MCS0	106/53	12.5	12.66	18.439	23.98	PASS
116	5580	MCS0	full	15.5	15.33	34.098	23.98	PASS
140	5700	MCS0	full	15.5	15.81	38.083	23.98	PASS
		MCS0	26/8	10	10.24	10.562	23.98	PASS
		MCS0	52/40	10	10.22	10.513	23.98	PASS
		MCS0	106/54	13.5	13.84	24.195	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	15.5	14.34	27.144	22.99	PASS
144	5720 (U-NII 3)	MCS0	full	15.5	9.99	9.986	30	PASS

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802.11ax_HE20_Ch1

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	MCS0	full	15.5	16.24	42.046	23.98	PASS
60	5300	MCS0	full	15	15.83	38.259	23.98	PASS
64	5320	MCS0	full	15.5	16.34	43.026	23.98	PASS
		MCS0	26/8	11.5	11.70	14.782	23.98	PASS
		MCS0	52/40	11.5	11.78	15.057	23.98	PASS
		MCS0	106/54	13.5	13.72	23.536	23.98	PASS
100	5500	MCS0	full	14.5	15.28	33.708	23.98	PASS
		MCS0	26/0	10	10.20	10.465	23.98	PASS
		MCS0	52/37	10	10.13	10.297	23.98	PASS
		MCS0	106/53	12.5	12.67	18.481	23.98	PASS
116	5580	MCS0	full	15	15.32	34.020	23.98	PASS
140	5700	MCS0	full	15	15.84	38.347	23.98	PASS
		MCS0	26/8	10	10.23	10.537	23.98	PASS
		MCS0	52/40	10	10.21	10.489	23.98	PASS
		MCS0	106/54	13.5	13.87	24.363	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	15	14.36	27.284	22.92	PASS
144	5720 (U-NII 3)	MCS0	full	15	9.89	9.761	30	PASS

802.11ax_HE20_Ch2

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	MCS0	full	16	16.20	41.661	23.98	PASS
60	5300	MCS0	full	15.5	15.73	37.388	23.98	PASS
64	5320	MCS0	full	16	16.24	42.046	23.98	PASS
		MCS0	26/8	11.5	11.52	14.182	23.98	PASS
		MCS0	52/40	11.5	11.74	14.919	23.98	PASS
		MCS0	106/54	13.5	13.73	23.590	23.98	PASS
100	5500	MCS0	full	15	15.16	32.789	23.98	PASS
		MCS0	26/0	10	10.11	10.250	23.98	PASS
		MCS0	52/37	10	10.00	9.994	23.98	PASS
		MCS0	106/53	12.5	12.53	17.895	23.98	PASS
116	5580	MCS0	full	15.5	15.19	33.016	23.98	PASS
140	5700	MCS0	full	15.5	15.72	37.302	23.98	PASS
		MCS0	26/8	10	10.20	10.465	23.98	PASS
		MCS0	52/40	10	10.17	10.393	23.98	PASS
		MCS0	106/54	13.5	13.69	23.374	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	15.5	14.23	26.461	22.95	PASS
144	5720 (U-NII 3)	MCS0	full	15.5	9.81	9.575	30	PASS

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802.11ax_HE20_Ch3

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	MCS0	full	15.5	16.21	41.757	23.98	PASS
60	5300	MCS0	full	15	15.73	37.388	23.98	PASS
64	5320	MCS0	full	15.5	16.21	41.757	23.98	PASS
		MCS0	26/8	11.5	11.59	14.412	23.98	PASS
		MCS0	52/40	11.5	11.64	14.579	23.98	PASS
		MCS0	106/54	13.5	13.61	22.947	23.98	PASS
100	5500	MCS0	full	14.5	15.19	33.016	23.98	PASS
		MCS0	26/0	10	10.20	10.465	23.98	PASS
		MCS0	52/37	10	10.02	10.040	23.98	PASS
		MCS0	106/53	12.5	12.54	17.936	23.98	PASS
116	5580	MCS0	full	15	15.24	33.399	23.98	PASS
140	5700	MCS0	full	15	15.72	37.302	23.98	PASS
		MCS0	26/8	10	10.20	10.465	23.98	PASS
		MCS0	52/40	10	10.12	10.274	23.98	PASS
		MCS0	106/54	13.5	13.74	23.644	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	15	14.25	26.623	22.94	PASS
144	5720 (U-NII 3)	MCS0	full	15	9.81	9.579	30	PASS

802.11ax_HE20_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1	Ch2	Ch3				
52	5260	MCS0	full	16	16.07	16.66	15.8	16.39	22.35	171.791	23.98	PASS
60	5300	MCS0	full	15.5	15.59	16.28	15.41	15.86	21.91	155.239	23.98	PASS
64	5320	MCS0	full	16	16.12	16.92	15.89	16.43	22.47	176.604	23.98	PASS
		MCS0	26/8	11.5	11.52	12.05	11.39	11.72	17.79	60.117	23.98	PASS
		MCS0	52/40	11.5	11.57	12.15	11.43	11.79	17.85	60.954	23.98	PASS
		MCS0	106/54	13.5	13.49	14.25	13.34	13.76	19.83	96.161	23.98	PASS
100	5500	MCS0	full	15	14.99	15.59	14.85	15.29	21.30	134.896	23.98	PASS
		MCS0	26/0	10.5	10.07	10.55	9.79	10.27	16.29	42.560	23.98	PASS
		MCS0	52/37	10	9.92	10.42	9.65	10.15	16.15	41.210	23.98	PASS
		MCS0	106/53	12.5	12.43	12.96	12.3	12.72	18.72	74.473	23.98	PASS
116	5580	MCS0	full	15	15.02	15.65	14.9	15.34	21.35	136.458	23.98	PASS
140	5700	MCS0	full	15.5	15.67	16.19	15.49	15.9	21.93	155.955	23.98	PASS
		MCS0	26/8	10	10.1	10.62	9.93	10.26	16.34	43.053	23.98	PASS
		MCS0	52/40	9.5	10.05	10.53	9.87	10.22	16.28	42.462	23.98	PASS
		MCS0	106/54	13	13.64	14.17	13.52	13.88	19.92	98.175	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	15.5	14.09	14.63	14.00	14.47	20.41	110.022	22.92	PASS
144	5720 (U-NII 3)	MCS0	full	15.5	9.75	10.17	9.583886	10.02582	16.00	39.789	30	PASS

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802.11ax_HE80_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	MCS0	full	17.5	17.78	60.043	23.98	PASS
		MCS0	484/66	18	17.75	59.630	23.98	PASS
106	5530	MCS0	full	20	15.49	35.438	23.98	PASS
		MCS0	484/65	12	11.62	14.537	23.98	PASS
122	5610	MCS0	full	17.5	17.83	60.738	23.98	PASS
		MCS0	484/66	18	17.80	60.320	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	17	17.47	55.877	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	17	6.20	4.166	30	PASS

802.11ax_HE80_Ch1

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	MCS0	full	17	17.92	62.010	23.98	PASS
		MCS0	484/66	17.5	17.78	60.043	23.98	PASS
106	5530	MCS0	full	20	15.93	39.216	23.98	PASS
		MCS0	484/65	11.5	11.77	15.047	23.98	PASS
122	5610	MCS0	full	17	17.86	61.159	23.98	PASS
		MCS0	484/66	17.5	17.80	60.320	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	17.5	17.57	57.110	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	17.5	6.37	4.332	30	PASS

802.11ax_HE80_Ch2

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	MCS0	full	17.5	17.66	58.407	23.98	PASS
		MCS0	484/66	18	17.64	58.139	23.98	PASS
106	5530	MCS0	full	20	15.41	34.791	23.98	PASS
		MCS0	484/65	12	11.55	14.304	23.98	PASS
122	5610	MCS0	full	17.5	17.73	59.356	23.98	PASS
		MCS0	484/66	18	17.71	59.083	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	17	17.36	54.391	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	17	6.04	4.016	30	PASS

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802.11ax_HE80_Ch3

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	MCS0	full	17	17.76	59.767	23.98	PASS
		MCS0	484/66	17.5	17.68	58.676	23.98	PASS
106	5530	MCS0	full	20	15.64	36.683	23.98	PASS
		MCS0	484/65	11.5	11.59	14.437	23.98	PASS
122	5610	MCS0	full	17	17.72	59.219	23.98	PASS
		MCS0	484/66	17.5	17.69	58.812	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	17.5	17.43	55.333	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	17.5	6.19	4.160	30	PASS

802.11ax_HE80_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1	Ch2	Ch3				
58	5290	MCS0	full	18	17.66	18.25	17.43	17.85	23.91	246.037	23.98	PASS
		MCS0	484/66	18.5	17.56	18.14	17.35	17.78	23.82	240.991	23.98	PASS
106	5530	MCS0	full	20.5	15.76	16.34	15.49	16.17	22.06	160.694	23.98	PASS
		MCS0	484/65	12.5	11.65	12.2	11.4	11.84	17.89	61.518	23.98	PASS
122	5610	MCS0	full	18	17.69	18.26	17.52	17.89	23.95	248.313	23.98	PASS
		MCS0	484/66	18.5	17.55	18.14	17.35	17.78	23.82	240.991	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	18	17.34	17.89	17.14	17.54	23.59	228.352	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	18	6.06	6.69	5.82	6.30	12.33	17.104	30	PASS

802.11ax HE160_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	full	17.5	17.79	60.131	23.98	PASS
		MCS0	996/67	12.5	12.23	16.715	23.98	PASS
		MCS0	996/S67	12.5	12.20	16.600	23.98	PASS
114	5570	MCS0	full	21	15.36	34.363	23.98	PASS
		MCS0	996/67	11	10.70	11.752	23.98	PASS
		MCS0	996/S67	11.5	11.25	13.338	23.98	PASS

802.11ax HE160_Ch1

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	full	17	17.90	61.673	23.98	PASS
		MCS0	996/67	12	12.35	17.183	23.98	PASS
		MCS0	996/S67	12	12.31	17.025	23.98	PASS
114	5570	MCS0	full	21	15.74	37.506	23.98	PASS
		MCS0	996/67	10	10.78	11.970	23.98	PASS
		MCS0	996/S67	11	11.33	13.586	23.98	PASS

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802.11ax HE160 Ch2

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	full	17.5	17.68	58.627	23.98	PASS
		MCS0	996/67	12.5	12.13	16.334	23.98	PASS
		MCS0	996/S6	12.5	12.07	16.110	23.98	PASS
114	5570	MCS0	full	21	15.20	33.120	23.98	PASS
		MCS0	996/67	11	10.63	11.564	23.98	PASS
		MCS0	996/S6	11.5	11.19	13.155	23.98	PASS

802.11ax HE160 Ch3

CH	Frequency (MHz)	Data Rate	RU config.	Power set	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	full	17	17.76	59.717	23.98	PASS
		MCS0	996/67	12	12.24	16.753	23.98	PASS
		MCS0	996/S6	12	12.15	16.410	23.98	PASS
114	5570	MCS0	full	21	15.45	35.083	23.98	PASS
		MCS0	996/67	10.5	10.61	11.511	23.98	PASS
		MCS0	996/S6	11	11.24	13.307	23.98	PASS

802.11ax HE160 MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1	Ch2	Ch3				
50	5250	MCS0	full	18	17.64	18.07	17.52	17.75	23.94	247.742	23.98	PASS
		MCS0	996/67	13.5	12.09	12.57	11.92	12.34	18.43	69.663	23.98	PASS
		MCS0	996/S67	13	12.01	12.51	11.87	12.3	18.37	68.707	23.98	PASS
114	5570	MCS0	full	21	15.47	16.15	15.19	15.78	21.85	153.109	23.98	PASS
		MCS0	996/67	12	10.56	10.92	10.48	10.69	16.86	48.529	23.98	PASS
		MCS0	996/S67	12	11.1	11.45	10.79	11.21	17.34	54.200	23.98	PASS

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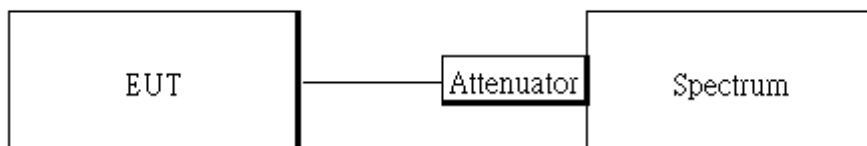
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10 MAXIMUM POWER SPECTRAL DENSITY

10.1 Standard Applicable

Operation Bands	EUT CATEGORY		e-CRF Title 47 §15.407 Power Spectral Density	Antenna Directional Gain Requirements
U-NII-1		Outdoor Access Point (Master)	1. 17dBm/ MHz 2. EIRP<=125mW(21dBm) at any elevation angle > 30°	6dBi
	V	Indoor Access Point (Master)	17dBm / MHz	6dBi
		Fixed point-to-point Access Point	17dBm / MHz	23dBi
		Client device	11dBm / MHz	6dBi
U-NII-2A	V	All	11dBm / MHz	6dBi
U-NII-2C	V	All	11dBm / MHz	6dBi
U-NII-3	V	All	30dBm / 500kHz	6dBi
U-NII-4		Indoor AP	20dBm / MHz e.i.r.p.	Not required
		indoor client	14dBm / MHz e.i.r.p.	Not required
		subordinate device	20dBm / MHz e.i.r.p.	Not required
If transmitting antennas of directional gain greater than the antenna requirements column, the Maximum transmit power shall be reduced by the amount in dB that the direction-al gain of the antenna.				

10.2 Test Setup



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10.3 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
4. **For U-NII1, U-NII-2A, U-NII-2C Band:**
Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto (1001 pts), Detector = power averaging (rms), if available. Otherwise, use sample detector mode, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
For U-NII-3 Band:
Set RBW=300kHz, VBW=1MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto, detector = RMS or sample, traces 100 sweeps of video averaging.
In addition, measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10 log (500 kHz/RBW) to the measured result.
5. Use the cursor on spectrum to peak search the highest level of trace
6. Record the max. reading and add 10 log(1/duty cycle).
7. Repeat above procedures until all default test channel (low, middle, and high) was complete.
8. MIMO mode: offset is set with "measure and add 10 Log (N)" to measurement for MIMO mode. Offset = cable loss + 10 log (N), where N is number of transmitting antenna, cable loss is specified below.

Note: For the test of PSD at MIMO mode, the highest emission of worst case employing Measure and add 10 log (N) technical is reported after the comparison between Main Antenna at single transmitting mode and Aux that yields the higher value. The MIMO transmitting mode produces higher value of outcome.

Note:

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

$$\bullet \quad DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

$g_{j,k}$ = / 20 10Gk if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

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10.4 Measurement Result

POWER DENSITY 802.11a MODE									
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Ch2 meas PSD (dBm/MHz)	Ch3 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5260	4.14	4.64	4.00	4.64	0.26	10.65		11.00 dBm/MHz	-0.35
5300	3.54	4.80	4.57	4.45	0.26	10.65		11.00 dBm/MHz	-0.35
5320	4.51	4.83	4.47	4.64	0.26	10.90		11.00 dBm/MHz	-0.10
5500	4.73	4.68	4.61	4.68	0.26	10.96		11.00 dBm/MHz	-0.04
5580	4.39	4.38	4.75	4.73	0.26	10.85		11.00 dBm/MHz	-0.15
5700	4.33	4.34	4.29	3.21	0.26	10.35		11.00 dBm/MHz	-0.65
5720 (U-NII 2C)	4.53	4.86	4.31	4.14	0.26	10.75		11.00 dBm/MHz	-0.25
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Ch2 meas PSD (dBm/300kHz)	Ch3 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	-0.35	-0.67	-0.75	-0.96	0.26	2.22	7.82	30.00 dBm/500kHz	-22.18
POWER DENSITY 802.11ac VHT20 MODE									
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Ch2 meas PSD (dBm/MHz)	Ch3 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5260	4.45	4.75	4.38	4.87	0.00	10.64		11.00 dBm/MHz	-0.36
5300	3.56	4.86	4.83	4.49	0.00	10.48		11.00 dBm/MHz	-0.52
5320	3.77	4.70	4.43	4.11	0.00	10.29		11.00 dBm/MHz	-0.71
5500	4.25	4.42	4.27	4.29	0.00	10.33		11.00 dBm/MHz	-0.67
5580	4.80	4.67	4.69	4.70	0.00	10.74		11.00 dBm/MHz	-0.26
5700	4.50	4.25	4.10	4.52	0.00	10.37		11.00 dBm/MHz	-0.63
5720 (U-NII 2C)	4.66	4.94	4.77	4.52	0.00	10.75		11.00 dBm/MHz	-0.25
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Ch2 meas PSD (dBm/300kHz)	Ch3 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	-0.16	0.25	-0.42	-0.75	0.00	2.22	7.99	30.00 dBm/500kHz	-22.01
POWER DENSITY 802.11ac VHT40 MODE									
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Ch2 meas PSD (dBm/MHz)	Ch3 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5270	2.69	2.87	2.79	3.32	0.00	8.94		11.00 dBm/MHz	-2.06
5310	2.46	3.13	2.65	2.42	0.00	8.70		11.00 dBm/MHz	-2.30
5510	4.04	4.06	3.75	3.94	0.00	9.97		11.00 dBm/MHz	-1.03
5550	3.66	4.18	4.59	4.40	0.00	10.24		11.00 dBm/MHz	-0.76
5670	3.43	4.66	4.75	4.00	0.00	10.26		11.00 dBm/MHz	-0.74
5710 (U-NII 2C)	4.46	4.90	4.79	3.55	0.00	10.48		11.00 dBm/MHz	-0.52
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Ch2 meas PSD (dBm/300kHz)	Ch3 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	-2.29	-2.00	-1.95	-3.33	0.00	2.22	5.88	30.00 dBm/500kHz	-24.12

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POWER DENSITY 802.11ac VHT80 MODE										
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Ch2 meas PSD (dBm/MHz)	Ch3 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)	
5290	-0.55	-0.12	0.18	0.05	0.14	6.06		11.00 dBm/MHz	-4.94	
5530	-1.25	-0.98	-0.74	-0.77	0.14	5.23		11.00 dBm/MHz	-5.77	
5610	0.27	0.77	0.92	0.79	0.14	6.85		11.00 dBm/MHz	-4.15	
5690 (U-NII 2C)	0.17	1.01	0.74	-0.30	0.14	6.59		11.00 dBm/MHz	-4.41	
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Ch2 meas PSD (dBm/300kHz)	Ch3 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)	
5690 (U-NII 3)	-7.63	-6.58	-7.12	-8.12	0.14	2.22	1.06	30.00 dBm/500kHz	-28.94	
POWER DENSITY 802.11ac VHT160 MODE										
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Ch2 meas PSD (dBm/MHz)	Ch3 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)	
5250	-3.23	-2.16	-2.48	-2.23	0.00	3.52		11.00 dBm/MHz	-7.48	
5570	-4.26	-3.38	-3.05	-3.66	0.00	2.46		11.00 dBm/MHz	-8.54	
POWER DENSITY 802.11ax HE20 MODE										
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Ch2 meas PSD (dBm/MHz)	Ch3 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5260	full	4.19	4.42	4.46	4.84	0.00	10.50		11.00 dBm/MHz	-0.50
5300	full	3.63	4.81	4.94	4.70	0.00	10.57		11.00 dBm/MHz	-0.43
5320	full	3.58	4.46	4.30	3.98	0.00	10.11		11.00 dBm/MHz	-0.89
	26/8	4.06	4.80	4.89	4.61	0.00	10.62		11.00 dBm/MHz	-0.38
	52/40	4.81	5.12	5.05	4.83	0.00	10.97		11.00 dBm/MHz	-0.03
	106/54	4.32	4.81	5.03	4.73	0.00	10.75		11.00 dBm/MHz	-0.25
5500	full	4.49	4.85	4.60	4.68	0.00	10.68		11.00 dBm/MHz	-0.32
	26/0	4.59	4.92	4.76	4.59	0.00	10.74		11.00 dBm/MHz	-0.26
	52/37	3.98	4.63	4.87	4.56	0.00	10.54		11.00 dBm/MHz	-0.46
	106/53	4.51	4.58	4.72	4.38	0.00	10.57		11.00 dBm/MHz	-0.43
5580	full	4.52	4.77	4.66	4.49	0.00	10.63		11.00 dBm/MHz	-0.37
5700	full	4.48	4.64	4.39	4.07	0.00	10.42		11.00 dBm/MHz	-0.58
	26/8	4.75	5.03	4.82	4.01	0.00	10.69		11.00 dBm/MHz	-0.31
	52/40	4.12	5.05	4.88	3.36	0.00	10.43		11.00 dBm/MHz	-0.57
	106/54	5.35	5.26	4.78	3.51	0.00	10.80		11.00 dBm/MHz	-0.20
5720 (U-NII 2C)	full	4.92	5.45	4.76	4.65	0.00	10.98		11.00 dBm/MHz	-0.02
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Ch2 meas PSD (dBm/300kHz)	Ch3 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	full	-0.17	-0.03	-0.26	-0.30	0.00	2.22	8.05	30.00 dBm/500kHz	-21.95
POWER DENSITY 802.11ax HE40 MODE										
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Ch2 meas PSD (dBm/MHz)	Ch3 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5270	full	2.85	3.46	3.09	3.30	0.00	9.20		11.00 dBm/MHz	-1.80
5310	full	2.16	3.62	3.07	2.91	0.00	8.99		11.00 dBm/MHz	-2.01
	242/62	4.35	5.09	4.89	5.20	0.00	10.91		11.00 dBm/MHz	-0.09
5510	full	4.30	4.13	3.90	4.29	0.00	10.18		11.00 dBm/MHz	-0.82
	242/61	1.56	0.36	0.87	-0.37	0.00	6.68		11.00 dBm/MHz	-4.32
5550	full	3.63	4.29	4.67	3.91	0.00	10.16		11.00 dBm/MHz	-0.84
5670	full	3.29	4.00	4.44	3.64	0.00	9.88		11.00 dBm/MHz	-1.12
	242/62	3.75	3.16	2.99	2.27	0.00	9.09		11.00 dBm/MHz	-1.91
5710 (U-NII 2C)	full	4.64	5.22	5.13	4.01	0.00	10.80		11.00 dBm/MHz	-0.20
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Ch2 meas PSD (dBm/300kHz)	Ch3 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	full	-2.35	-1.99	-1.76	-3.32	0.00	2.22	5.92	30.00 dBm/500kHz	-24.08

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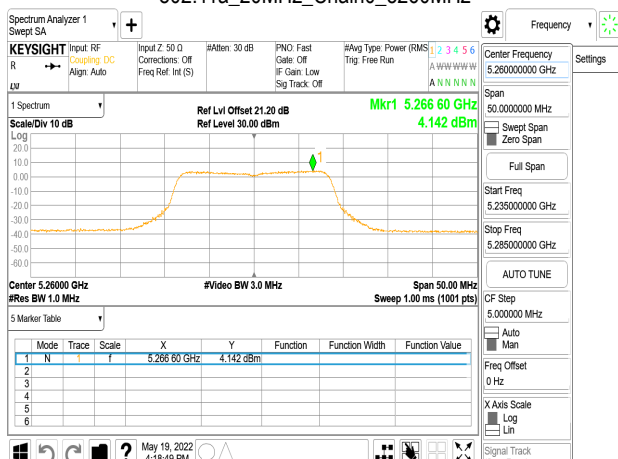
POWER DENSITY 802.11ax HE80 MODE										
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Ch2 meas PSD (dBm/MHz)	Ch3 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5290	full	0.30	1.09	1.32	1.03	0.00	6.97		11.00 dBm/MHz	-4.03
	484/66	-0.26	-0.23	0.35	-0.18	0.00	5.95		11.00 dBm/MHz	-5.05
5530	full	1.40	1.79	1.98	1.77	0.00	7.76		11.00 dBm/MHz	-3.24
	484/65	-7.26	-7.17	-7.08	-7.94	0.00	-1.33		11.00 dBm/MHz	-12.33
5610	full	1.25	1.91	2.05	1.45	0.00	7.69		11.00 dBm/MHz	-3.31
	484/66	-1.26	-1.05	-0.86	-1.20	0.00	4.93		11.00 dBm/MHz	-6.07
5690 (U-NII 2C)	full	1.25	2.10	1.70	0.90	0.00	7.53		11.00 dBm/MHz	-3.47
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Ch2 meas PSD (dBm/300kHz)	Ch3 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	full	-6.58	-5.78	-6.15	-6.51	0.00	2.22	2.00	30.00 dBm/500kHz	-28.00
POWER DENSITY 802.11ax HE160 MODE										
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Ch2 meas PSD (dBm/MHz)	Ch3 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5250	full	-2.57	-2.02	-2.06	-1.63	0.17	4.13		11.00 dBm/MHz	-6.87
	996/67	-7.48	-6.70	-6.36	-6.65	0.17	-0.59		11.00 dBm/MHz	-11.59
	996/S67	-7.62	-7.06	-7.51	-7.51	0.17	-1.23		11.00 dBm/MHz	-12.23
5570	full	-1.61	-0.93	-0.77	-1.50	0.17	5.00		11.00 dBm/MHz	-6.00
	996/67	-7.85	-7.49	-7.51	-7.70	0.17	-1.44		11.00 dBm/MHz	-12.44
	996/S67	-7.51	-7.57	-7.79	-7.67	0.17	-1.44		11.00 dBm/MHz	-12.44

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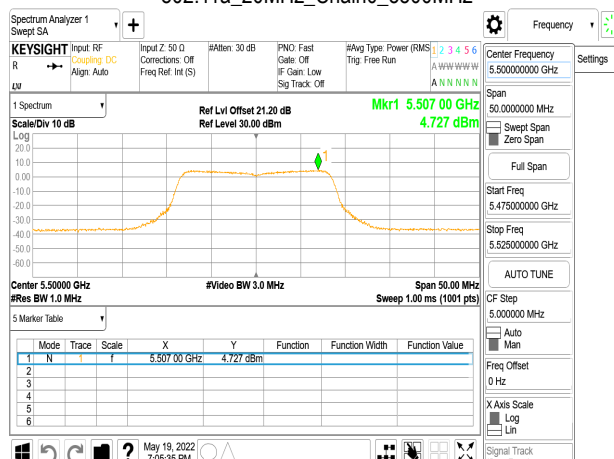
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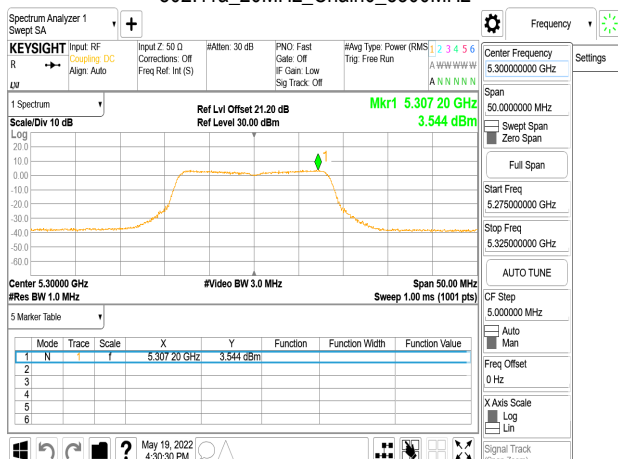
802.11a_20MHz_Chain0_5260MHz



802.11a_20MHz_Chain0_5500MHz



802.11a_20MHz_Chain0_5300MHz



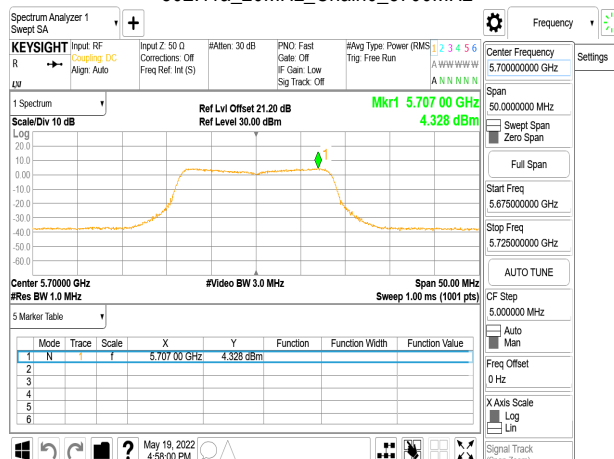
802.11a_20MHz_Chain0_5580MHz



802.11a_20MHz_Chain0_5320MHz



802.11a_20MHz_Chain0_5700MHz



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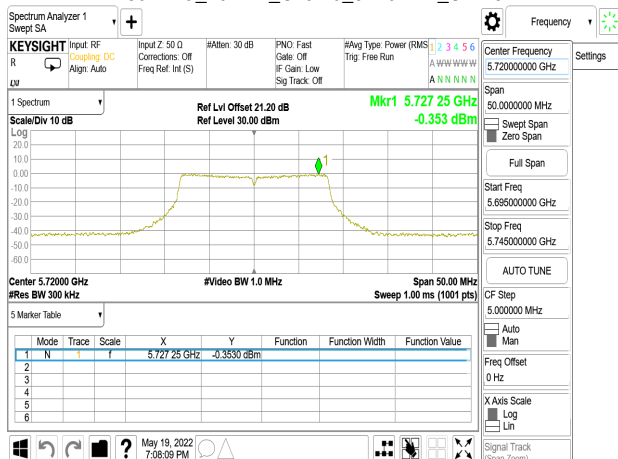
802.11a_20MHz_Chain0_5720MHz_UNII 2C



802.11a_20MHz_Chain1_5300MHz



802.11a_20MHz_Chain0_5720MHz_UNII 3



802.11a_20MHz_Chain1_5320MHz



802.11a_20MHz_Chain1_5260MHz



802.11a_20MHz_Chain1_5500MHz



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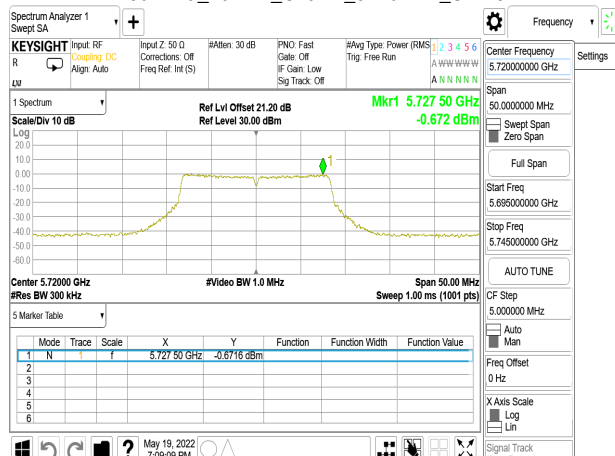
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802.11a_20MHz_Chain1_5580MHz



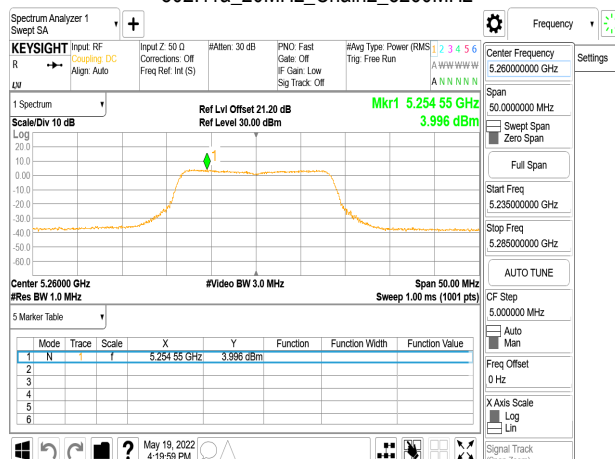
802.11a_20MHz_Chain1_5720MHz_UNII 3



802.11a_20MHz_Chain1_5700MHz



802.11a_20MHz_Chain2_5260MHz



802.11a_20MHz_Chain1_5720MHz_UNII 2C



802.11a_20MHz_Chain2_5300MHz

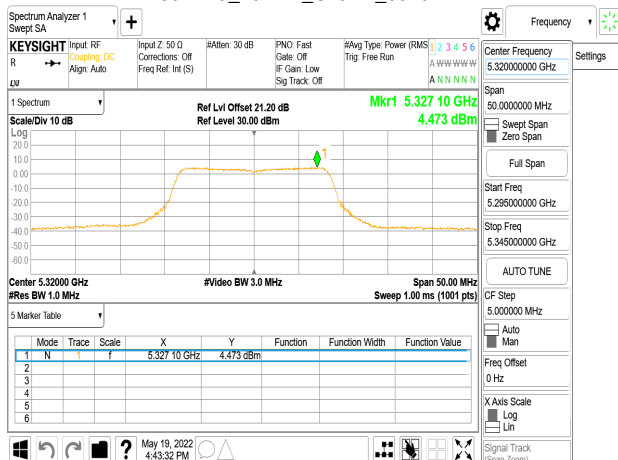


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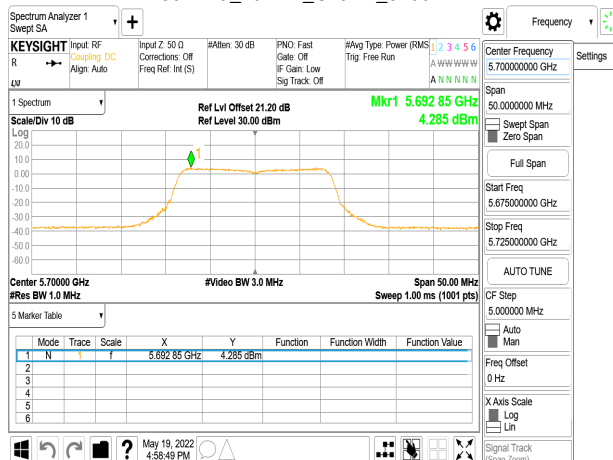
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802.11a_20MHz_Chain2_5320MHz



802.11a_20MHz_Chain2_5700MHz



802.11a_20MHz_Chain2_5500MHz



802.11a_20MHz_Chain2_5720MHz_UNII 2C



802.11a_20MHz_Chain2_5580MHz



802.11a_20MHz_Chain2_5720MHz_UNII 3

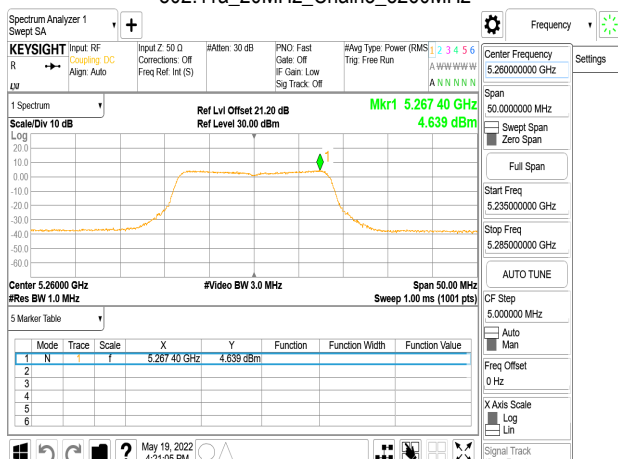


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802.11a_20MHz_Chain3_5260MHz



802.11a_20MHz_Chain3_5500MHz



802.11a_20MHz_Chain3_5300MHz



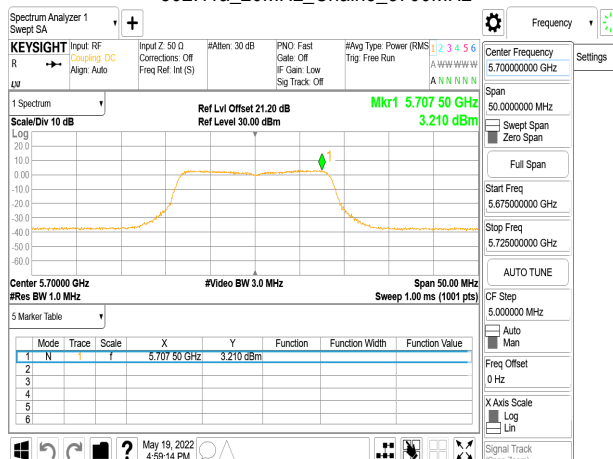
802.11a_20MHz_Chain3_5580MHz



802.11a_20MHz_Chain3_5320MHz



802.11a_20MHz_Chain3_5700MHz



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802.11a_20MHz_Chain3_5720MHz_UNII 2C



802.11ac_20MHz_Chain0_5300MHz



802.11a_20MHz_Chain3_5720MHz_UNII 3



802.11ac_20MHz_Chain0_5320MHz



802.11ac_20MHz_Chain0_5260MHz



802.11ac_20MHz_Chain0_5500MHz

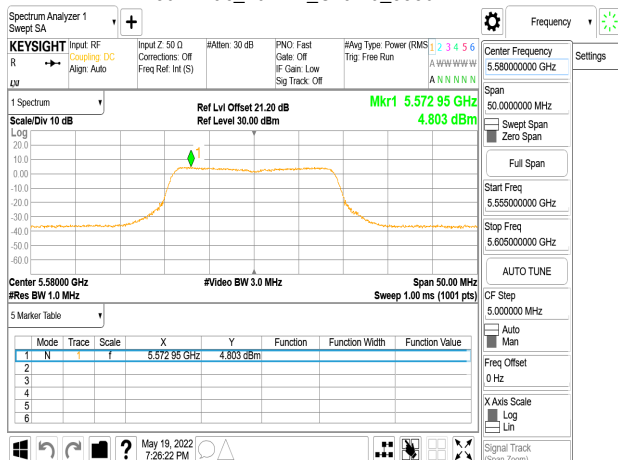


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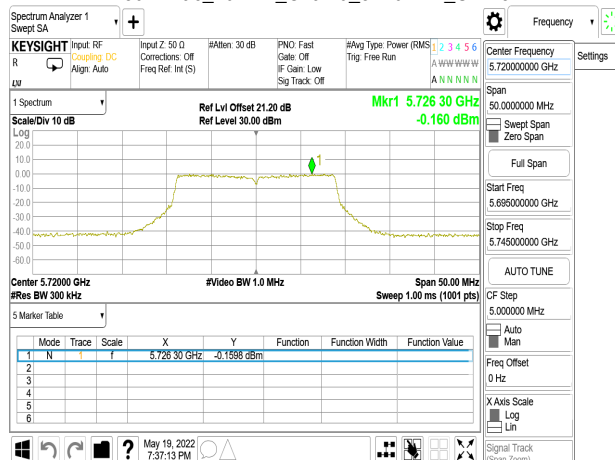
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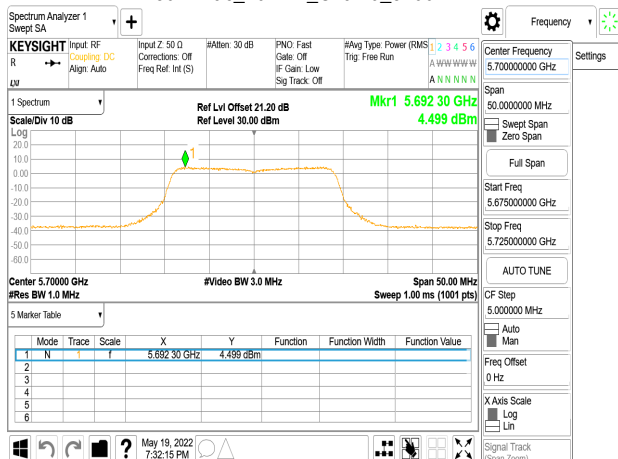
802.11ac_20MHz_Chain0_5580MHz



802.11ac_20MHz_Chain0_5720MHz_UNII 3



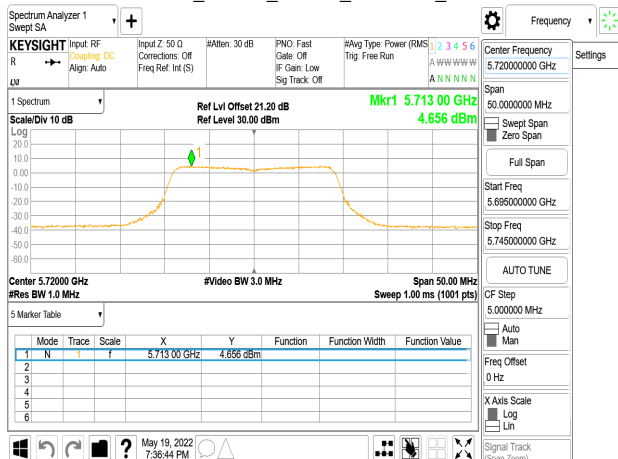
802.11ac_20MHz_Chain0_5700MHz



802.11ac_20MHz_Chain1_5260MHz



802.11ac_20MHz_Chain0_5720MHz_UNII 2C



802.11ac_20MHz_Chain1_5300MHz

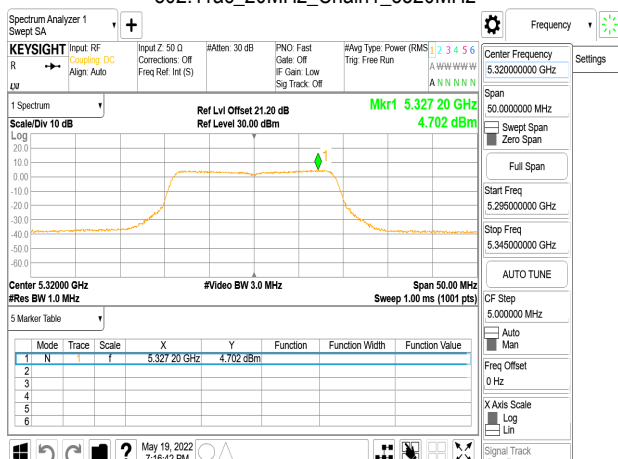


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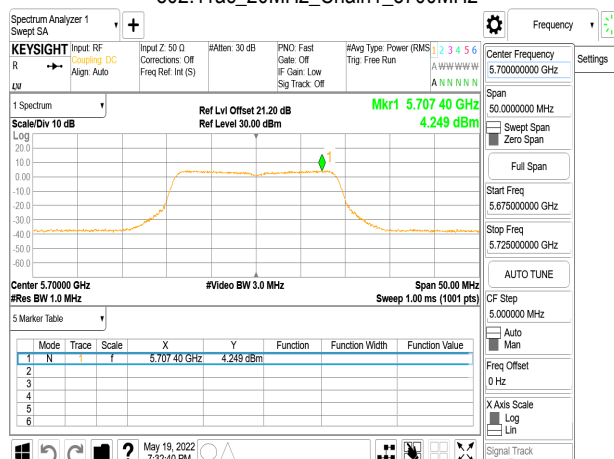
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802.11ac_20MHz_Chain1_5320MHz



802.11ac_20MHz_Chain1_5700MHz



802.11ac_20MHz_Chain1_5500MHz



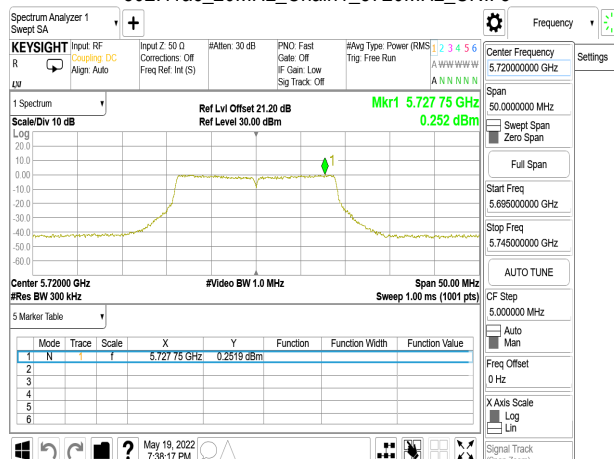
802.11ac_20MHz_Chain1_5720MHz_UNII 2C



802.11ac_20MHz_Chain1_5580MHz



802.11ac_20MHz_Chain1_5720MHz_UNII 3



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