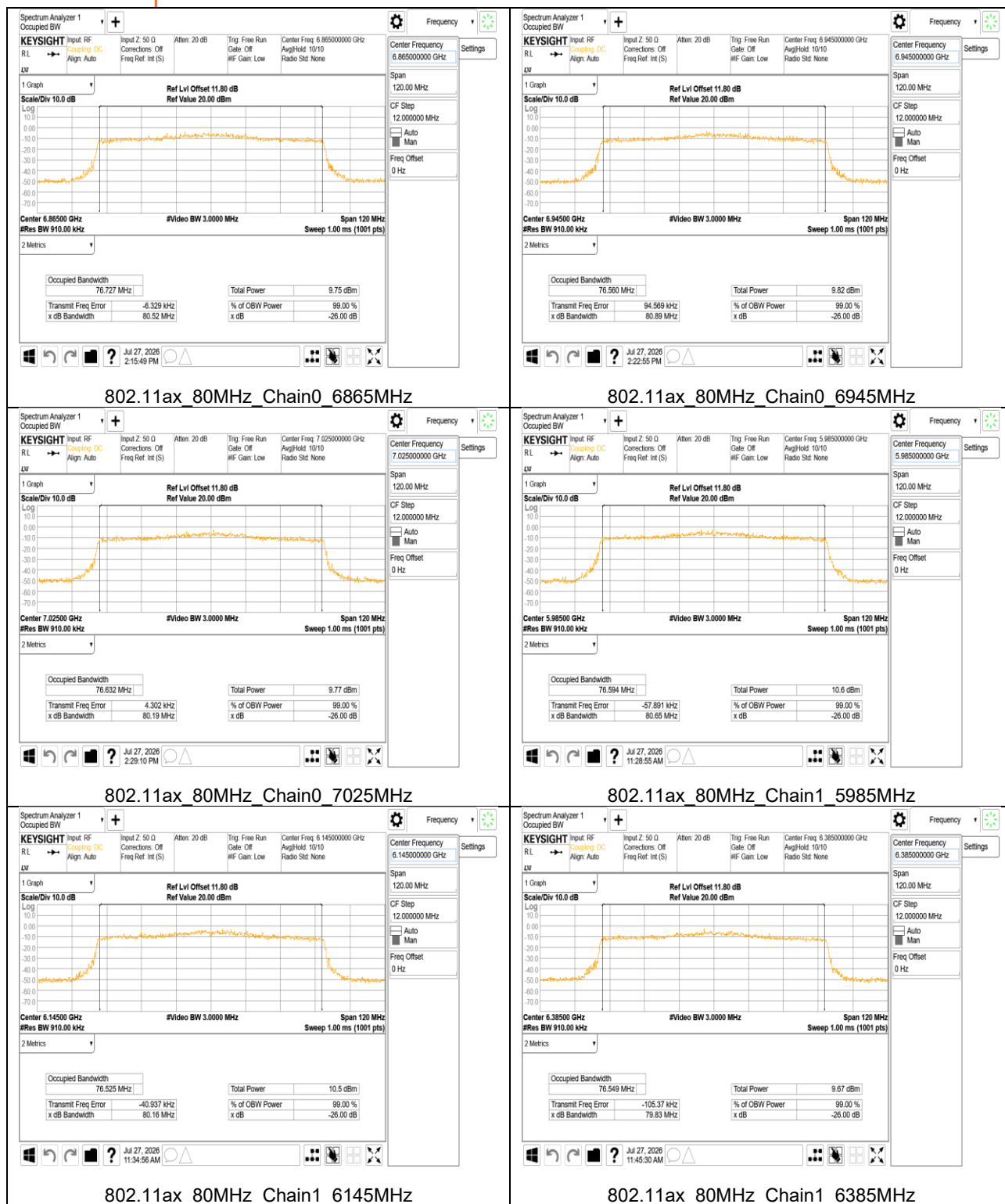
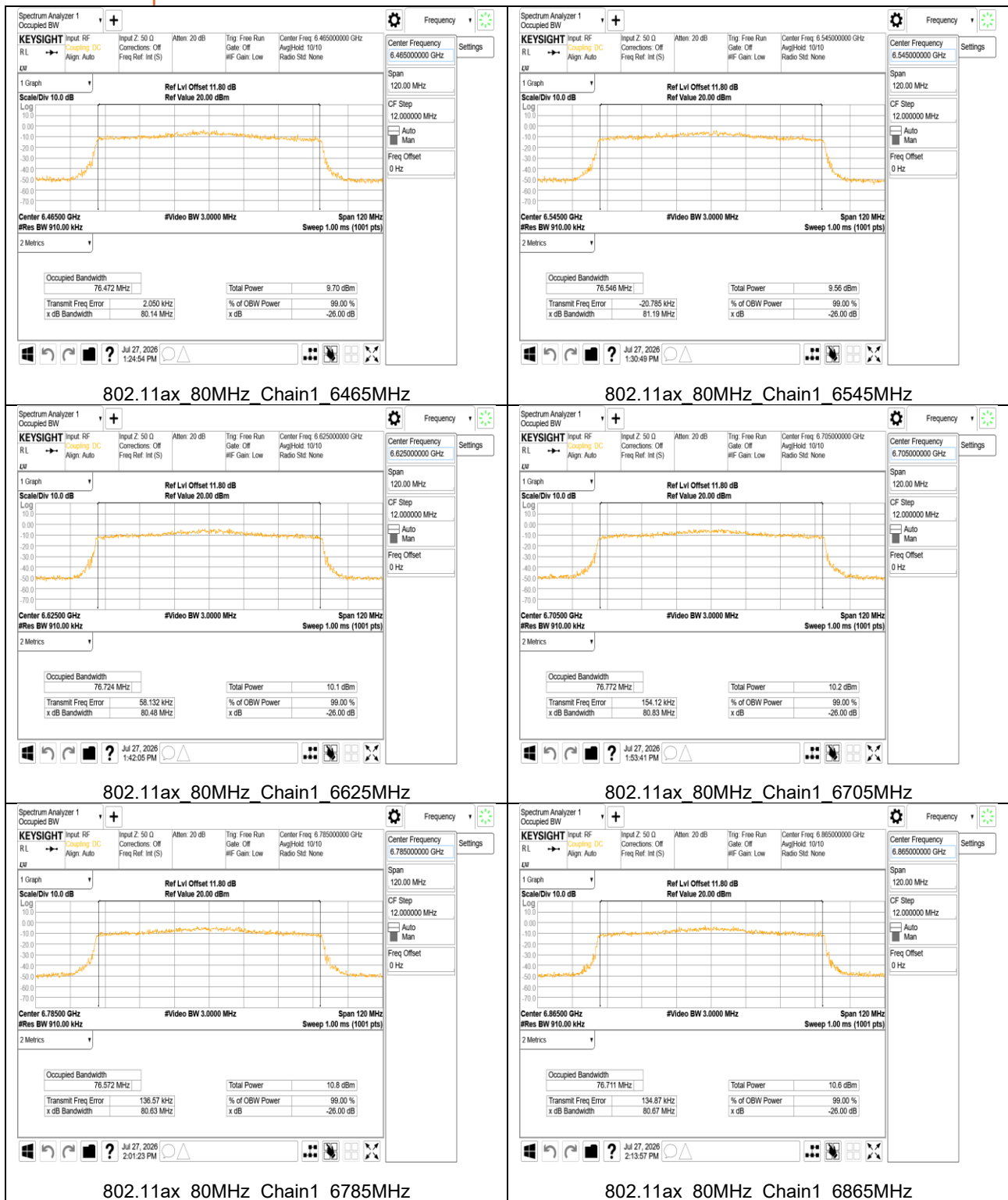




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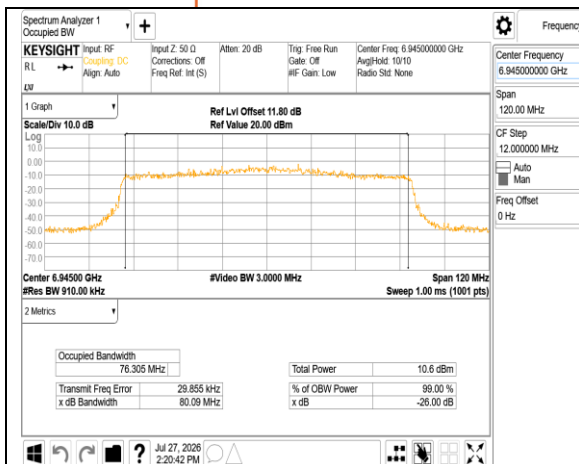
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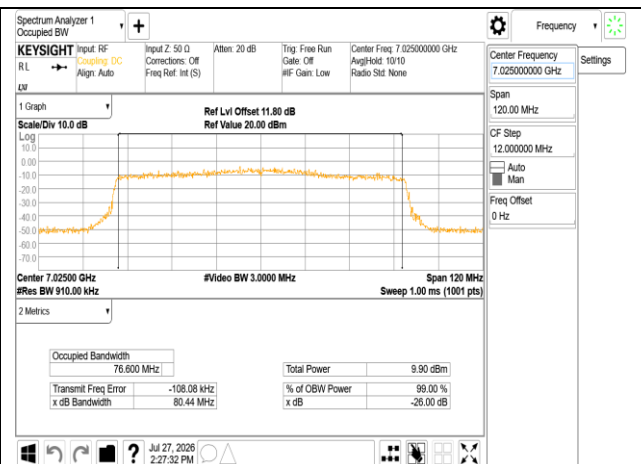
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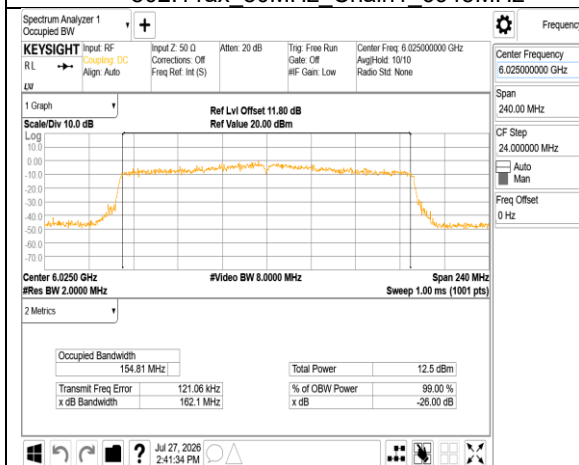
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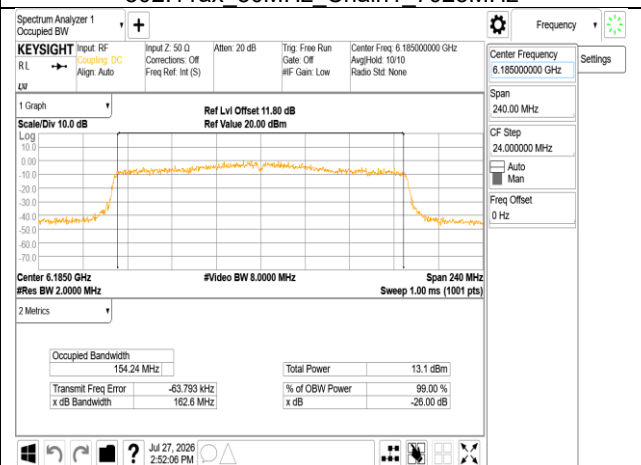
802.11ax_80MHz_Chain1_6945MHz



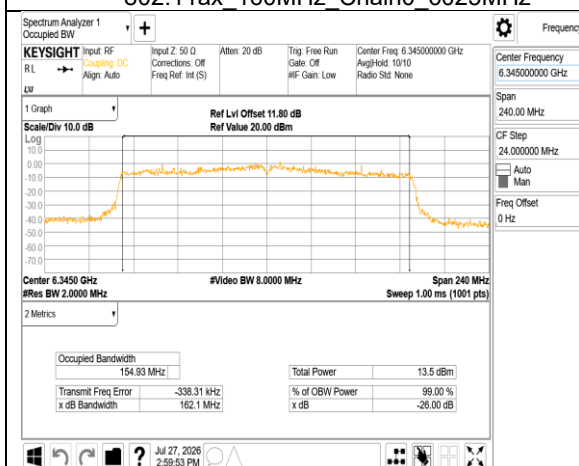
802.11ax_80MHz_Chain1_7025MHz



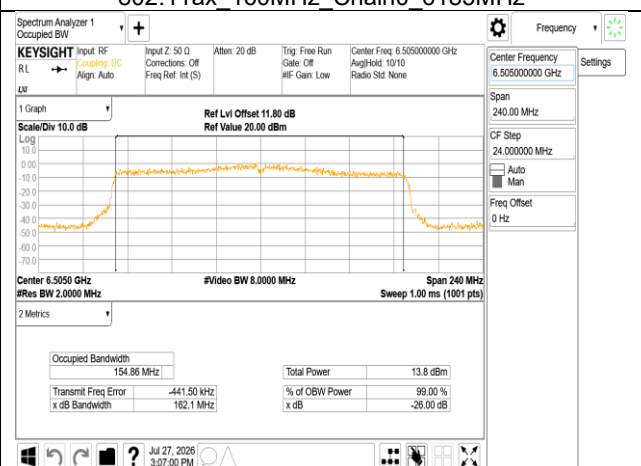
802.11ax_160MHz_Chain0_6025MHz



802.11ax_160MHz_Chain0_6185MHz



802.11ax_160MHz_Chain0_6345MHz

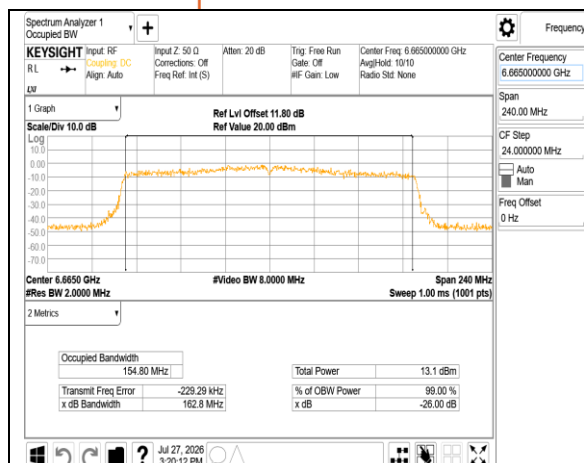


802.11ax_160MHz_Chain0_6505MHz

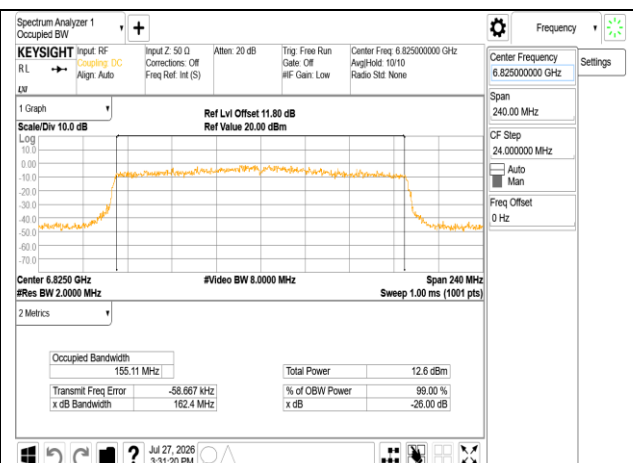
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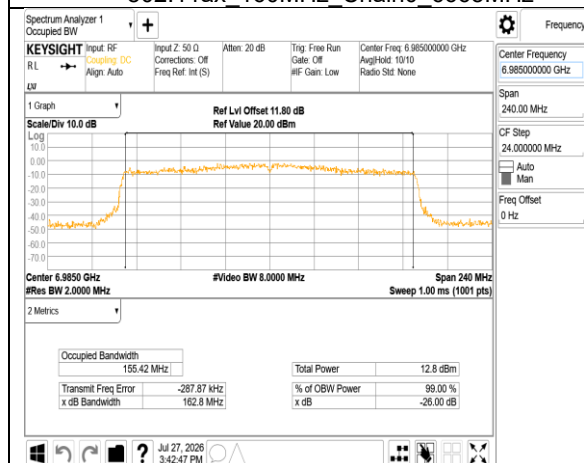
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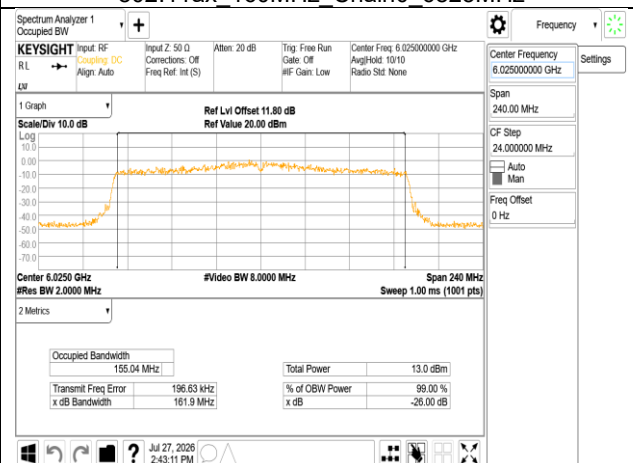
802.11ax_160MHz_Chain0_6665MHz



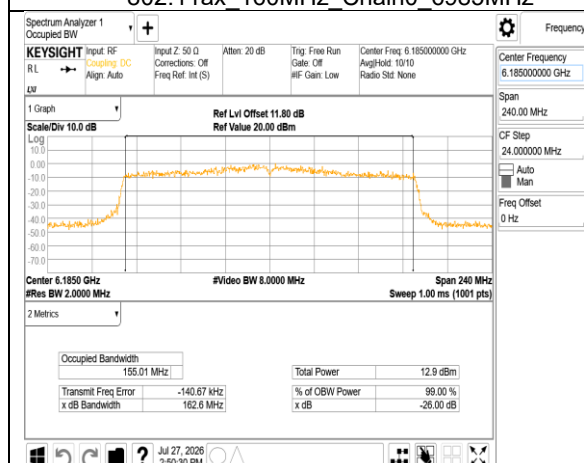
802.11ax_160MHz_Chain0_6825MHz



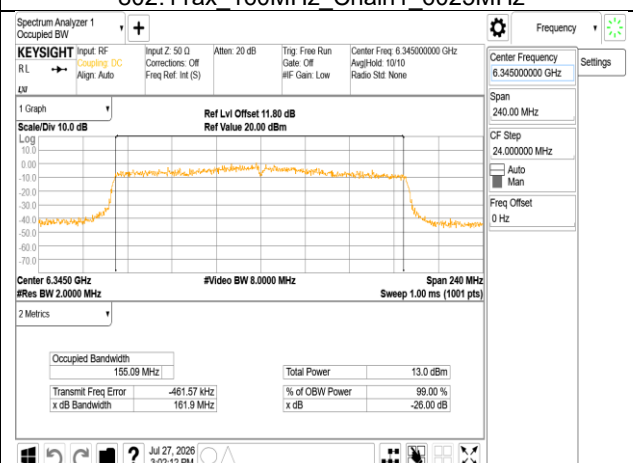
802.11ax_160MHz_Chain0_6985MHz



802.11ax_160MHz_Chain1_6025MHz



802.11ax_160MHz_Chain1_6185MHz

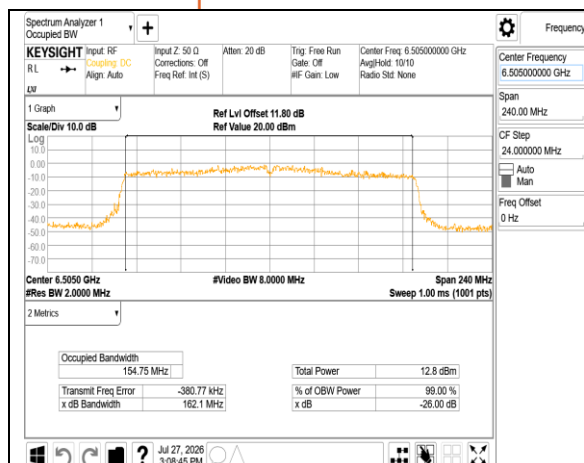


802.11ax_160MHz_Chain1_6345MHz

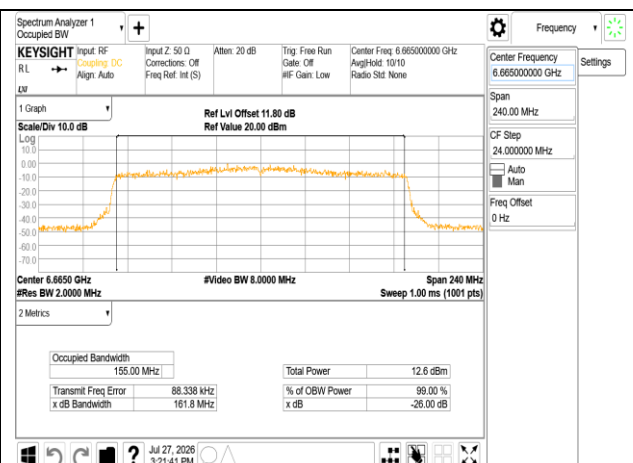
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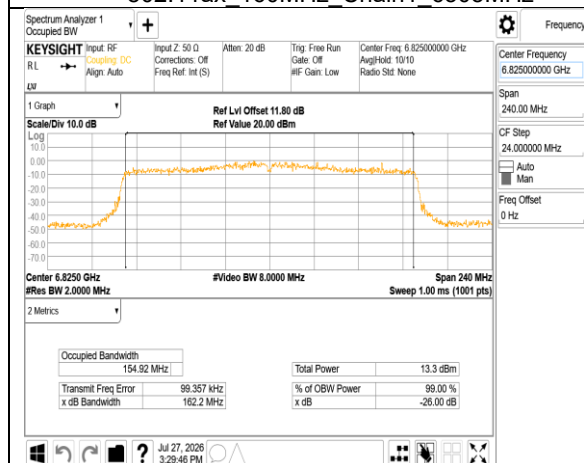
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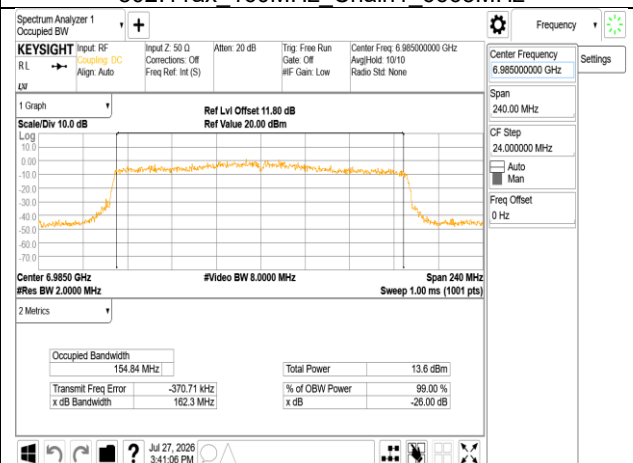
802.11ax 160MHz Chain1 6505MHz



802.11ax 160MHz Chain1 6665MHz



802.11ax 160MHz Chain1 6825MHz



802.11ax 160MHz Chain1 6985MHz

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7.2 Maximum Output Power

7.2.1 Duty Cycle

Mode	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11ax_20	99.70	0.01	0.19	0.01
802.11ax_40	99.70	0.01	0.19	0.01
802.11ax_80	99.70	0.01	0.19	0.01
802.11ax_160	99.65	0.02	0.22	0.01

7.2.2 Duty Cycle test plots



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7.2.3 Maximum Output Power

802.11ax_HE20_Ch0

CH	Frequency (MHz)	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
1	5955	-0.16	4.03	3.87	24	PASS
45	6175	-0.02	4.03	4.01	24	PASS
93	6415	-0.22	4.03	3.81	24	PASS
97	6435	-0.33	3.81	3.48	24	PASS
105	6475	-0.03	3.81	3.78	24	PASS
113	6515	-0.22	3.81	3.59	24	PASS
117	6535	-0.24	3.81	3.57	24	PASS
149	6695	-0.14	3.81	3.67	24	PASS
181	6855	-0.10	3.81	3.71	24	PASS
185	6875	-0.24	3.81	3.57	24	PASS
189	6895	-0.06	3.80	3.74	24	PASS
209	6995	-0.14	3.80	3.66	24	PASS
233	7115	-11.04	3.80	-7.24	24	PASS

802.11ax_HE20_Ch1

CH	Frequency (MHz)	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
1	5955	-0.33	4.57	4.24	24	PASS
45	6175	-0.22	4.57	4.35	24	PASS
93	6415	-0.36	4.57	4.21	24	PASS
97	6435	-0.55	1.45	0.90	24	PASS
105	6475	0.12	1.45	1.57	24	PASS
113	6515	-0.01	1.45	1.44	24	PASS
117	6535	-0.13	1.45	1.32	24	PASS
149	6695	-0.23	1.45	1.22	24	PASS
181	6855	-0.18	1.45	1.27	24	PASS
185	6875	-0.31	1.45	1.14	24	PASS
189	6895	-0.28	1.62	1.34	24	PASS
209	6995	-0.20	1.62	1.42	24	PASS
233	7115	-11.07	1.62	-9.45	24	PASS

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802.11ax_HE20_2Tx

CH	Frequency (MHz)	Avg. Output Power(dBm)		TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		Ch0	Ch1					
1	5955	-0.75	0.38	2.86	4.31	7.17	24	PASS
45	6175	-0.33	0.43	3.08	4.31	7.39	24	PASS
93	6415	-0.02	-0.31	2.85	4.31	7.16	24	PASS
97	6435	-0.02	-0.55	2.74	2.79	5.52	24	PASS
105	6475	0.48	-0.20	3.17	2.79	5.96	24	PASS
113	6515	0.35	-0.30	3.05	2.79	5.84	24	PASS
117	6535	0.19	-0.41	2.91	2.79	5.70	24	PASS
149	6695	-0.23	0.23	3.02	2.79	5.81	24	PASS
181	6855	-1.11	0.78	2.95	2.79	5.74	24	PASS
185	6875	-1.25	0.693	2.84	2.79	5.63	24	PASS
189	6895	-1.22	0.95	3.01	2.85	5.86	24	PASS
209	6995	-0.70	0.76	3.10	2.85	5.95	24	PASS
233	7115	-10.52	-11.53	-7.98	2.85	-5.14	24	PASS

802.11ax_HE40_Ch0

CH	Frequency (MHz)	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
3	5965	2.45	4.03	6.48	24	PASS
43	6165	2.86	4.03	6.89	24	PASS
91	6405	2.89	4.03	6.92	24	PASS
99	6445	2.37	3.81	6.18	24	PASS
107	6485	2.36	3.81	6.17	24	PASS
115	6525	2.92	3.81	6.73	24	PASS
123	6565	2.38	3.81	6.19	24	PASS
147	6685	2.85	3.81	6.66	24	PASS
179	6845	2.74	3.81	6.55	24	PASS
187	6885	2.62	3.80	6.42	24	PASS
195	6925	2.60	3.80	6.40	24	PASS
211	7005	2.80	3.80	6.60	24	PASS
227	7085	2.95	3.80	6.75	24	PASS

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802.11ax_HE40_Ch1

CH	Frequency (MHz)	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
3	5965	2.34	4.57	6.91	24	PASS
43	6165	2.82	4.57	7.39	24	PASS
91	6405	2.76	4.57	7.33	24	PASS
99	6445	2.45	1.45	3.90	24	PASS
107	6485	2.47	1.45	3.92	24	PASS
115	6525	2.95	1.45	4.40	24	PASS
123	6565	2.57	1.45	4.02	24	PASS
147	6685	2.87	1.45	4.32	24	PASS
179	6845	2.89	1.45	4.34	24	PASS
187	6885	2.74	1.62	4.36	24	PASS
195	6925	2.60	1.62	4.22	24	PASS
211	7005	2.77	1.62	4.39	24	PASS
227	7085	2.84	1.62	4.46	24	PASS

802.11ax_40_2Tx

CH	Frequency (MHz)	Avg. Output Power(dBm)		TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		Ch0	Ch1					
3	5965	1.97	3.06	5.56	4.31	9.87	24	PASS
43	6165	2.66	3.06	5.88	4.31	10.19	24	PASS
91	6405	3.07	2.75	5.93	4.31	10.23	24	PASS
99	6445	2.79	2.20	5.52	2.79	8.31	24	PASS
107	6485	2.85	2.12	5.51	2.79	8.30	24	PASS
115	6525	3.36	2.59	6.01	2.79	8.79	24	PASS
123	6565	2.89	2.23	5.59	2.79	8.37	24	PASS
147	6685	2.72	3.05	5.90	2.79	8.69	24	PASS
179	6845	2.04	3.65	5.93	2.79	8.72	24	PASS
187	6885	1.86	3.54	5.79	2.79	8.58	24	PASS
195	6925	1.64	3.42	5.63	2.85	8.48	24	PASS
211	7005	1.92	3.72	5.93	2.85	8.77	24	PASS
227	7085	2.72	3.18	5.97	2.85	8.81	24	PASS

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802.11ax_HE80_Ch0

CH	Frequency (MHz)	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
7	5985	4.69	4.03	8.72	24	PASS
39	6145	4.98	4.03	9.01	24	PASS
87	6385	4.84	4.03	8.87	24	PASS
103	6465	5.16	3.81	8.97	24	PASS
119	6545	5.14	3.81	8.95	24	PASS
135	6625	5.45	3.81	9.26	24	PASS
151	6705	5.30	3.81	9.11	24	PASS
167	6785	5.45	3.81	9.26	24	PASS
183	6865	5.37	3.81	9.18	24	PASS
199	6945	5.06	3.80	8.86	24	PASS
215	7025	5.14	3.80	8.94	24	PASS

802.11ax_HE80_Ch1

CH	Frequency (MHz)	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
7	5985	4.56	4.57	9.13	24	PASS
39	6145	4.94	4.57	9.51	24	PASS
87	6385	4.78	4.57	9.35	24	PASS
103	6465	5.08	1.45	6.53	24	PASS
119	6545	5.09	1.45	6.54	24	PASS
135	6625	5.35	1.45	6.80	24	PASS
151	6705	5.34	1.45	6.79	24	PASS
167	6785	5.50	1.45	6.95	24	PASS
183	6865	5.34	1.45	6.79	24	PASS
199	6945	5.15	1.62	6.77	24	PASS
215	7025	5.13	1.62	6.75	24	PASS

802.11ax_80_2Tx

CH	Frequency (MHz)	Avg. Output Power(dBm)		TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		Ch0	Ch1					
7	5985	4.07	5.22	7.70	4.31	12.00	24	PASS
39	6145	4.69	5.34	8.04	4.31	12.35	24	PASS
87	6385	5.44	4.60	8.05	4.31	12.36	24	PASS
103	6465	5.92	4.32	8.21	2.79	10.99	24	PASS
119	6545	5.79	4.43	8.18	2.79	10.96	24	PASS
135	6625	5.74	5.17	8.48	2.79	11.27	24	PASS
151	6705	5.49	5.32	8.42	2.79	11.21	24	PASS
167	6785	5.34	5.90	8.64	2.79	11.43	24	PASS
183	6865	4.96	5.82	8.42	2.79	11.21	24	PASS
199	6945	4.80	5.52	8.19	2.85	11.03	24	PASS
215	7025	5.18	5.15	8.18	2.85	11.02	24	PASS

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802.11ax_HE160_Ch0

CH	Frequency (MHz)	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
15	6025	7.76	4.03	11.79	24	PASS
47	6185	7.81	4.03	11.84	24	PASS
79	6345	8.45	4.03	12.48	24	PASS
111	6505	8.37	3.81	12.18	24	PASS
143	6665	7.93	3.81	11.74	24	PASS
175	6825	8.24	3.81	12.05	24	PASS
207	6985	8.53	3.80	12.33	24	PASS

802.11ax_HE160_Ch1

CH	Frequency (MHz)	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
15	6025	7.58	4.57	12.15	24	PASS
47	6185	7.96	4.57	12.53	24	PASS
79	6345	8.35	4.57	12.92	24	PASS
111	6505	8.27	1.45	9.72	24	PASS
143	6665	7.90	1.45	9.35	24	PASS
175	6825	8.15	1.45	9.60	24	PASS
207	6985	8.47	1.62	10.09	24	PASS

802.11ax_160_2Tx

CH	Frequency (MHz)	Avg. Output Power(dBm)		TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		Ch0	Ch1					
15	6025	7.85	7.79	10.83	4.31	15.13	24	PASS
47	6185	8.24	7.85	11.05	4.31	15.36	24	PASS
79	6345	8.86	8.13	11.52	4.31	15.82	24	PASS
111	6505	8.96	7.70	11.38	2.79	14.17	24	PASS
143	6665	8.39	7.81	11.12	2.79	13.90	24	PASS
175	6825	7.99	8.56	11.29	2.79	14.08	24	PASS
207	6985	8.24	8.84	11.56	2.85	14.40	24	PASS

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7.3 Maximum Power Spectral Density

POWER DENSITY 802.11ax HE20 MODE								
Frequency (MHz)	PSD (dBm/MHz)		Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	Directional Gain(dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0 meas	Ch1 meas						
5955	-12.53	-11.26	0.00	-8.84	7.31	-1.53	-1.00	-0.53
6175	-11.98	-11.18	0.00	-8.55	7.31	-1.24	-1.00	-0.24
6415	-11.72	-12.00	0.00	-8.85	7.31	-1.54	-1.00	-0.54
6435	-11.95	-12.01	0.00	-8.97	5.72	-3.25	-1.00	-2.25
6475	-11.75	-11.78	0.00	-8.75	5.72	-3.03	-1.00	-2.03
6515	-11.64	-11.97	0.00	-8.79	5.72	-3.07	-1.00	-2.07
6535	-11.20	-12.04	0.00	-8.59	5.72	-2.87	-1.00	-1.87
6695	-12.24	-11.62	0.00	-8.91	5.72	-3.19	-1.00	-2.19
6855	-12.99	-11.17	0.00	-8.97	5.72	-3.25	-1.00	-2.25
6875	-12.88	-11.16	0.00	-8.93	5.72	-3.21	-1.00	-2.21
6895	-13.24	-10.37	0.00	-8.56	5.79	-2.77	-1.00	-1.77
6995	-12.90	-11.02	0.00	-8.84	5.79	-3.05	-1.00	-2.05
7115	-23.10	-23.28	0.00	-20.18	5.79	-14.39	-1.00	-13.39

POWER DENSITY 802.11ax HE40 MODE								
Frequency (MHz)	PSD (dBm/MHz)		Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	Directional Gain(dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0 meas	Ch1 meas						
5965	-12.86	-10.93	0.00	-8.78	7.31	-1.47	-1.00	-0.47
6165	-12.10	-11.24	0.00	-8.64	7.31	-1.33	-1.00	-0.33
6405	-11.40	-11.78	0.00	-8.58	7.31	-1.27	-1.00	-0.27
6445	-11.73	-12.17	0.00	-8.94	5.72	-3.22	-1.00	-2.22
6485	-11.63	-12.07	0.00	-8.83	5.72	-3.11	-1.00	-2.11
6525	-11.33	-11.75	0.00	-8.53	5.72	-2.81	-1.00	-1.81
6565	-11.63	-12.37	0.00	-8.98	5.72	-3.26	-1.00	-2.26
6685	-12.13	-11.17	0.00	-8.61	5.72	-2.89	-1.00	-1.89
6845	-12.36	-10.95	0.00	-8.59	5.72	-2.87	-1.00	-1.87
6885	-12.47	-10.92	0.00	-8.61	5.79	-2.82	-1.00	-1.82
6925	-12.82	-10.98	0.00	-8.79	5.79	-3.00	-1.00	-2.00
7005	-12.54	-10.82	0.00	-8.59	5.79	-2.80	-1.00	-1.80
7085	-12.17	-11.60	0.00	-8.87	5.79	-3.08	-1.00	-2.08

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POWER DENSITY 802.11ax HE80 MODE

Frequency (MHz)	PSD (dBm/MHz)		Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	Directional Gain(dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0 meas	Ch1 meas						
5985	-12.78	-11.03	0.00	-8.80	7.31	-1.49	-1.00	-0.49
6145	-12.12	-11.34	0.00	-8.70	7.31	-1.39	-1.00	-0.39
6385	-11.69	-12.32	0.00	-8.98	7.31	-1.67	-1.00	-0.67
6465	-11.33	-12.34	0.00	-8.79	5.72	-3.07	-1.00	-2.07
6545	-11.36	-12.55	0.00	-8.90	5.72	-3.18	-1.00	-2.18
6625	-11.48	-11.67	0.00	-8.56	5.72	-2.84	-1.00	-1.84
6705	-11.58	-11.63	0.00	-8.59	5.72	-2.87	-1.00	-1.87
6785	-11.93	-11.25	0.00	-8.57	5.72	-2.85	-1.00	-1.85
6865	-12.08	-11.12	0.00	-8.56	5.72	-2.84	-1.00	-1.84
6945	-12.07	-11.45	0.00	-8.73	5.79	-2.94	-1.00	-1.94
7025	-12.08	-11.90	0.00	-8.98	5.79	-3.19	-1.00	-2.19

POWER DENSITY 802.11ax HE160 MODE

Frequency (MHz)	PSD (dBm/MHz)		Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	Directional Gain(dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0 meas	Ch1 meas						
6025	-12.06	-11.94	0.00	-8.99	7.31	-1.68	-1.00	-0.68
6185	-11.83	-11.72	0.00	-8.76	7.31	-1.45	-1.00	-0.45
6345	-11.43	-11.86	0.00	-8.63	7.31	-1.32	-1.00	-0.32
6505	-11.34	-12.05	0.00	-8.67	5.72	-2.95	-1.00	-1.95
6665	-11.71	-12.15	0.00	-8.91	5.72	-3.19	-1.00	-2.19
6825	-12.43	-11.61	0.00	-8.99	5.72	-3.27	-1.00	-2.27
6985	-12.32	-11.18	0.00	-8.70	5.79	-2.91	-1.00	-1.91

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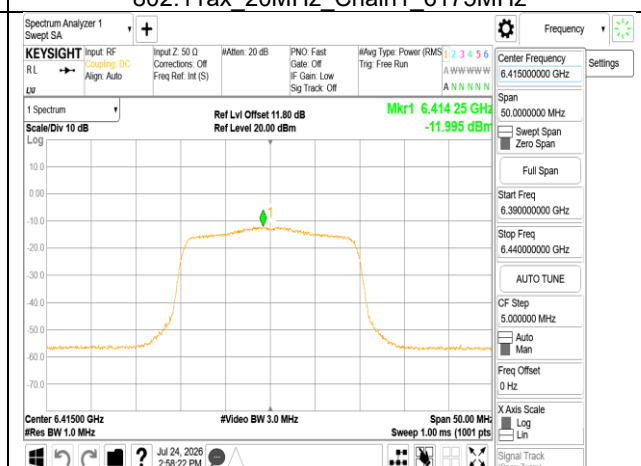
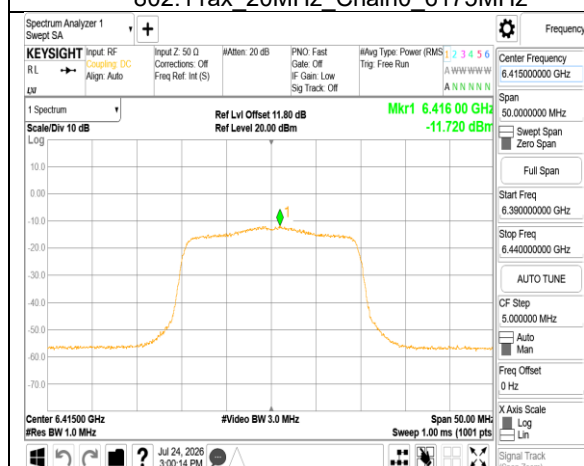
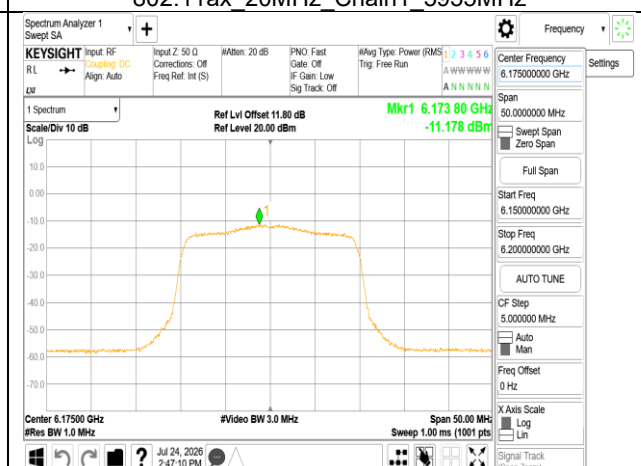
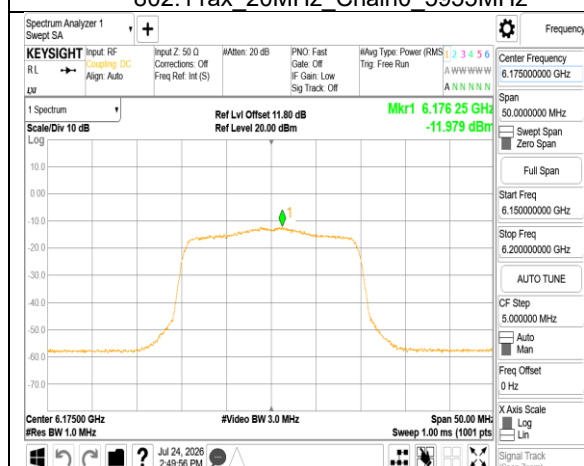
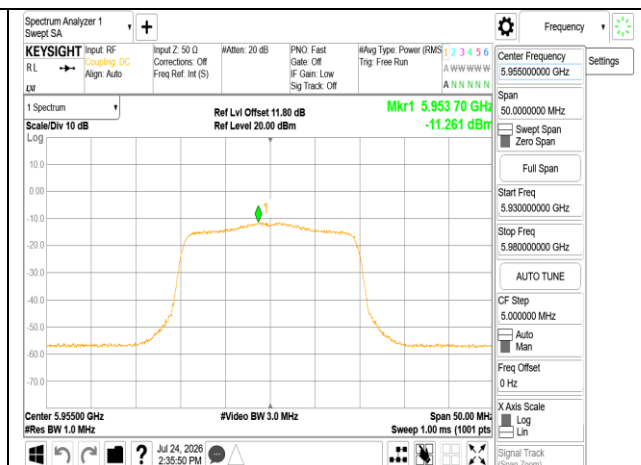
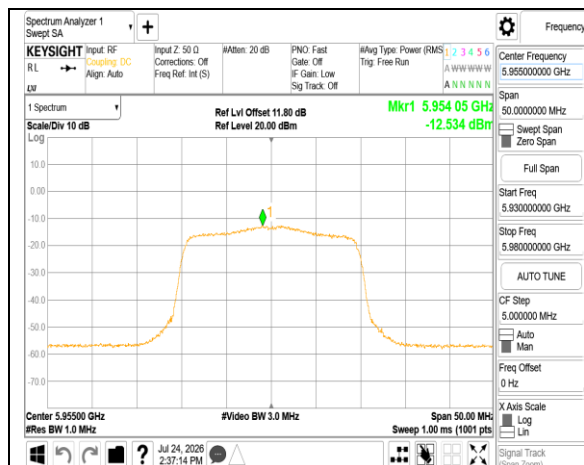
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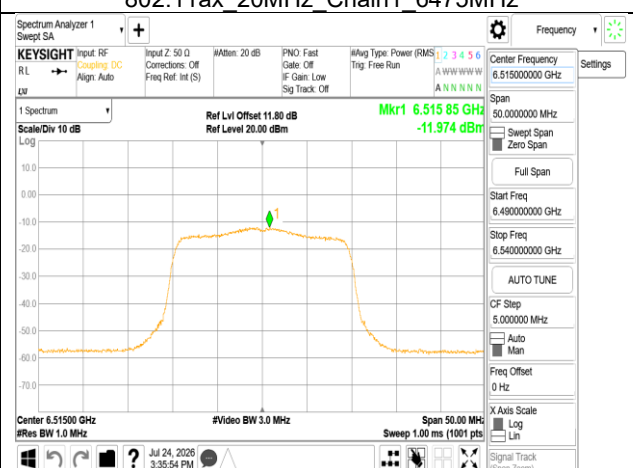
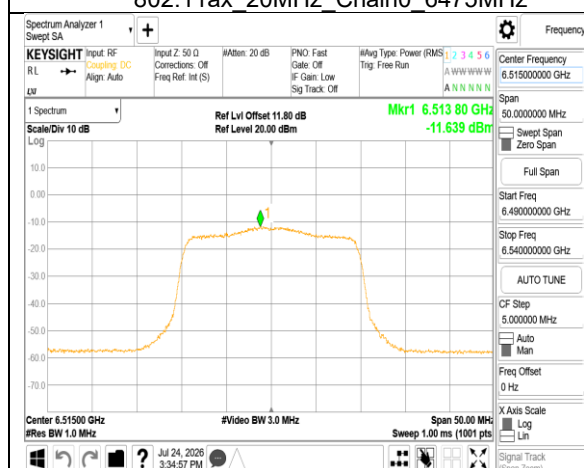
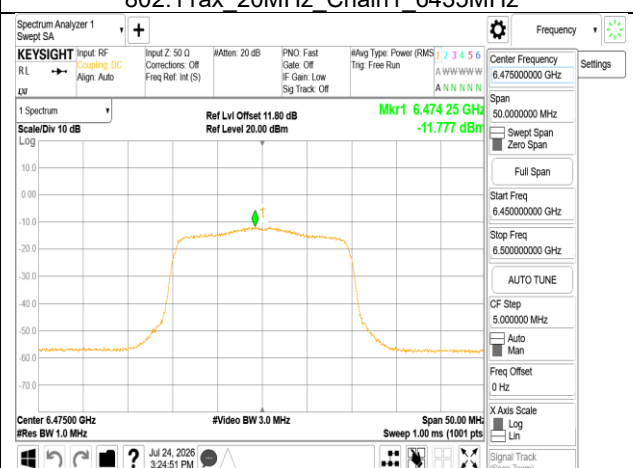
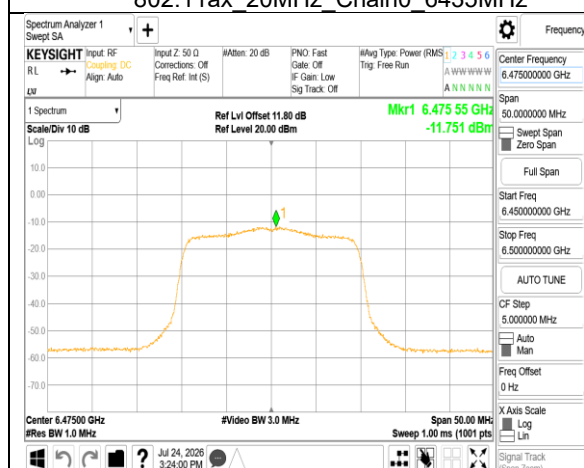
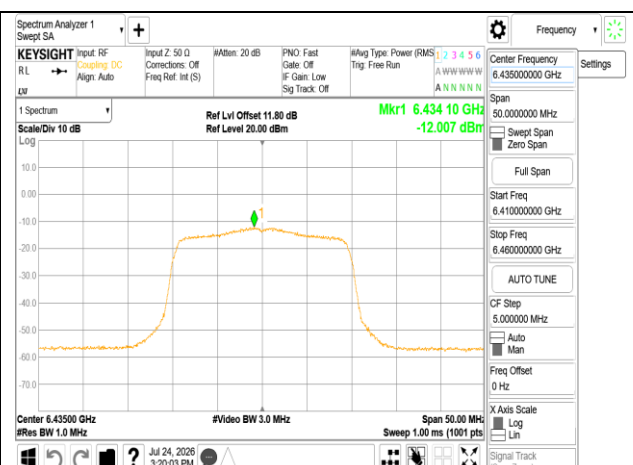
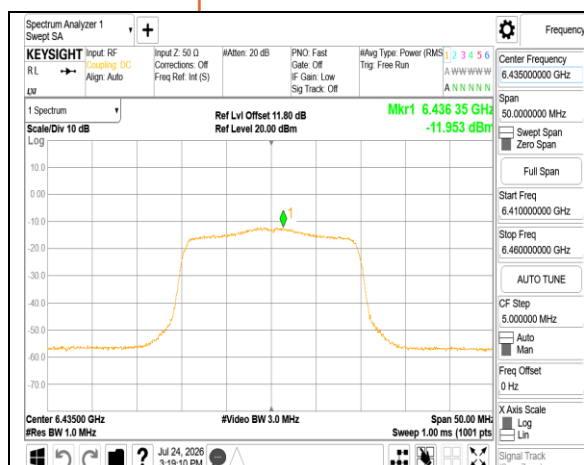
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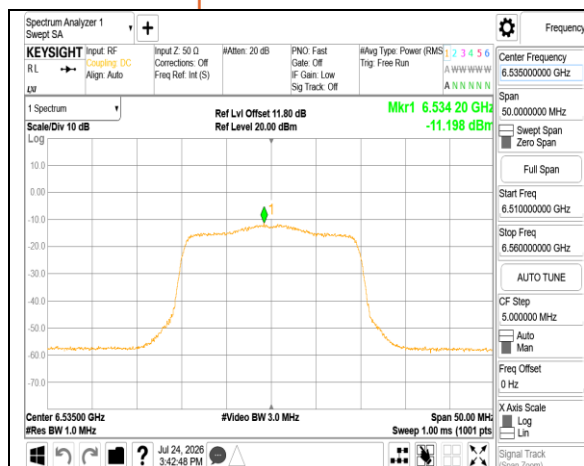
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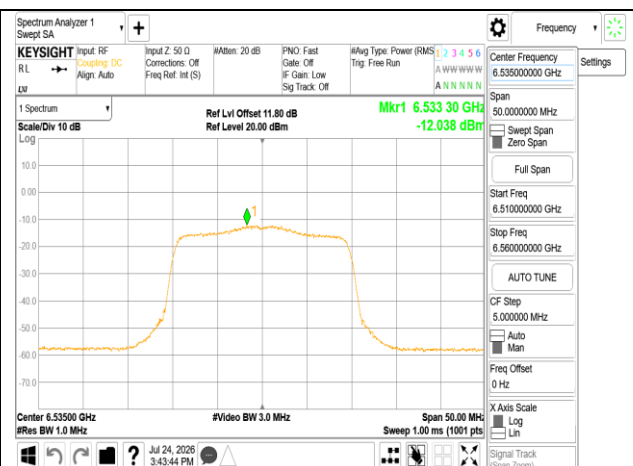
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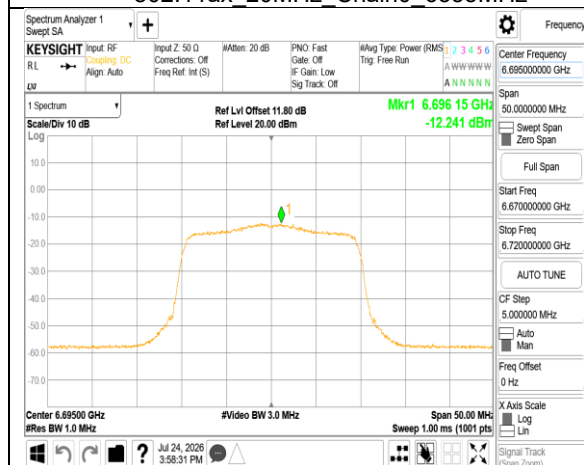
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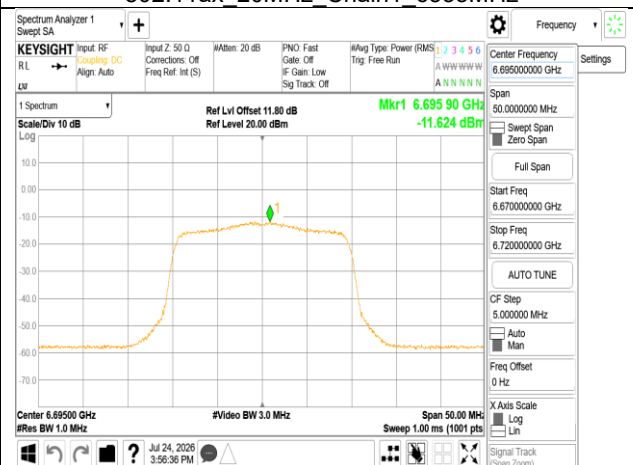
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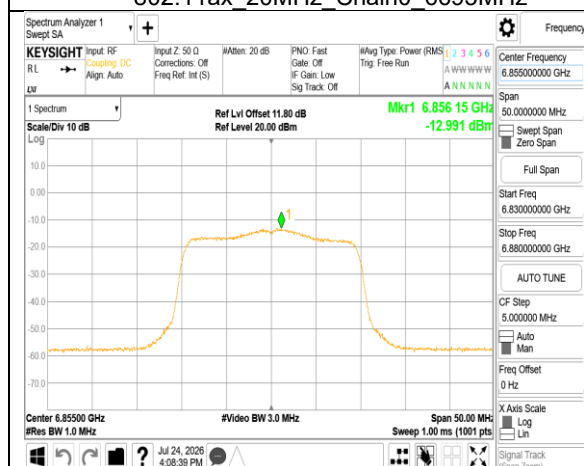
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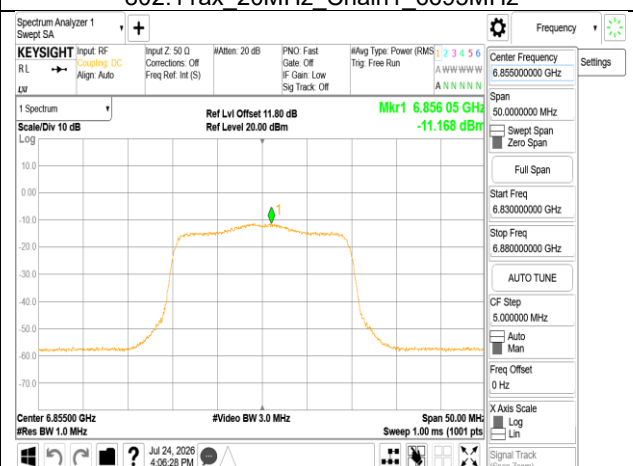
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802.11ax 20MHz Chain1 6695MHz



802.11ax 20MHz Chain0 6855MHz

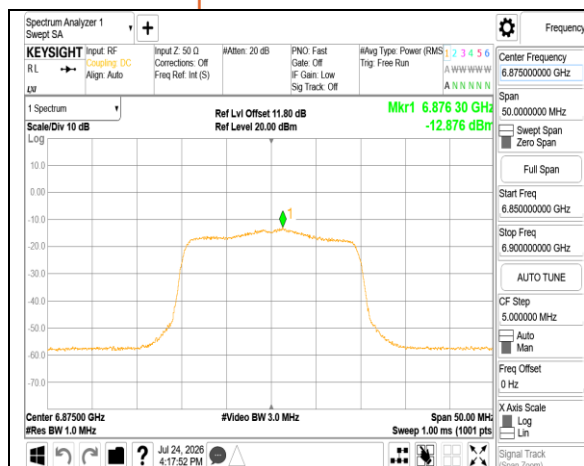


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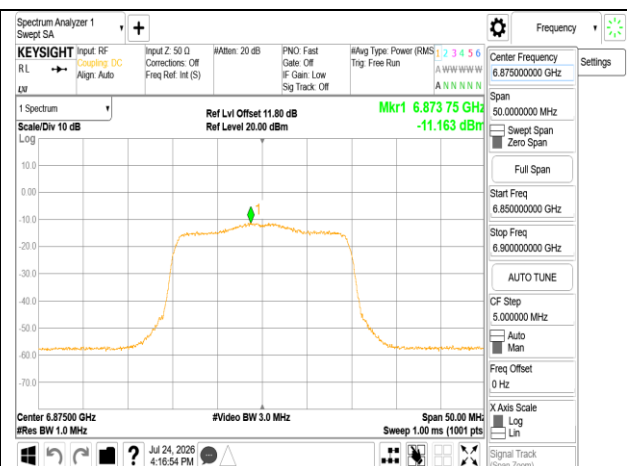
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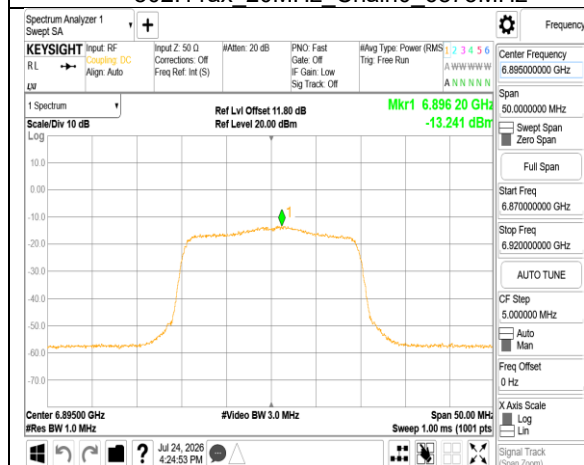
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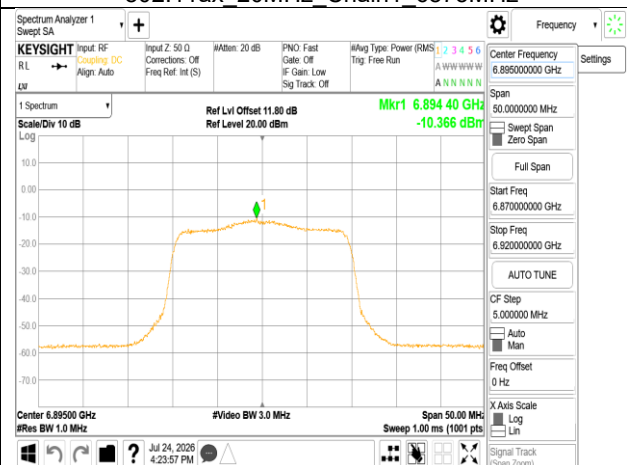
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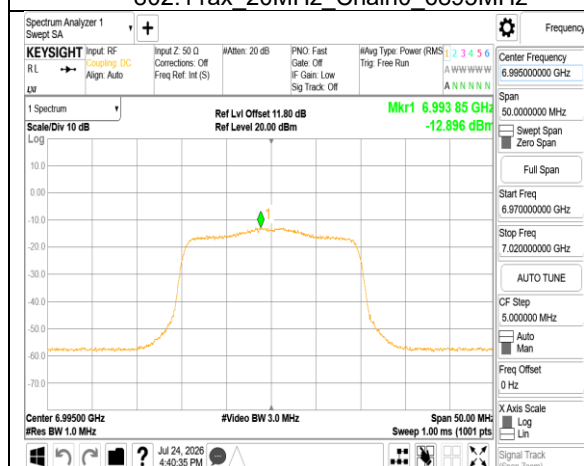
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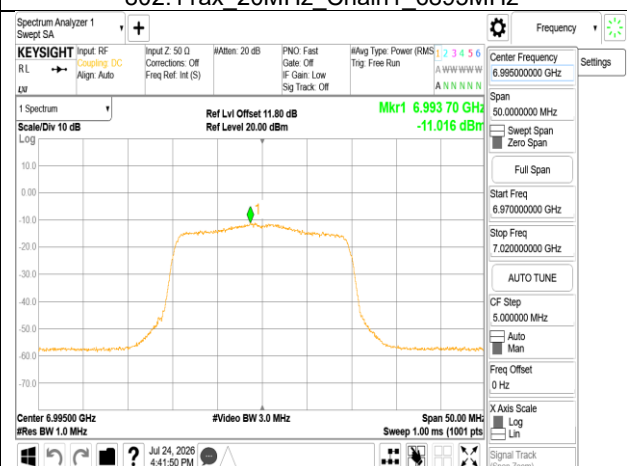
802.11ax 20MHz Chain0 6895MHz



802.11ax 20MHz Chain1 6895MHz



802.11ax 20MHz Chain0 6995MHz

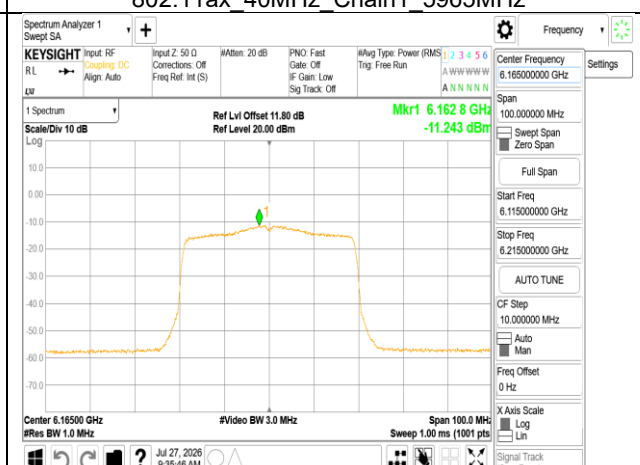
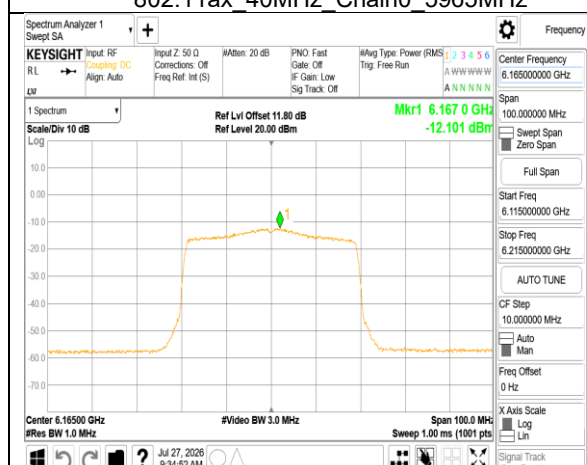
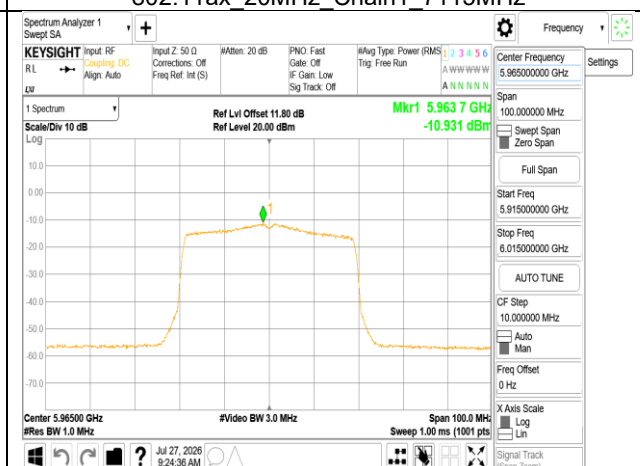
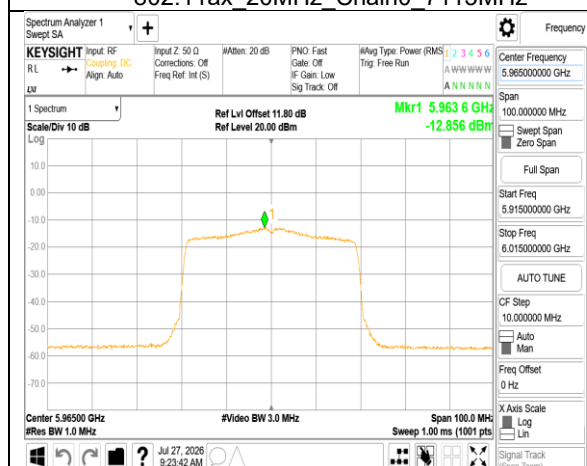
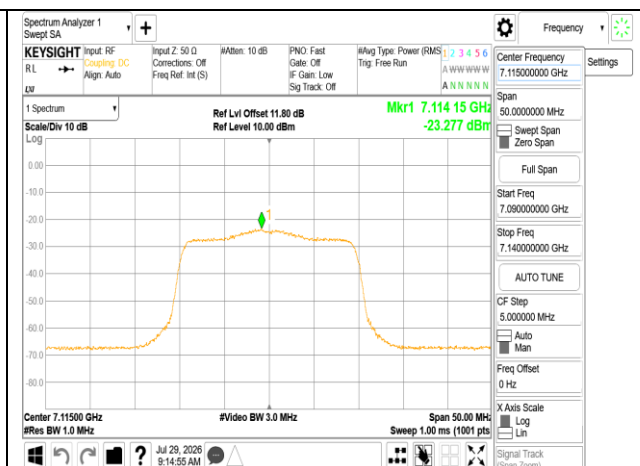
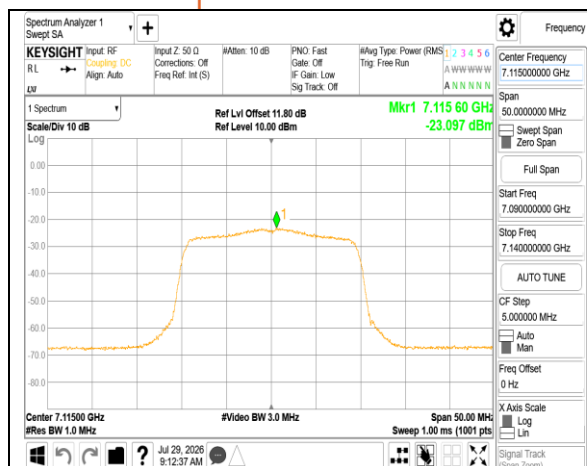


802.11ax 20MHz Chain1 6995MHz

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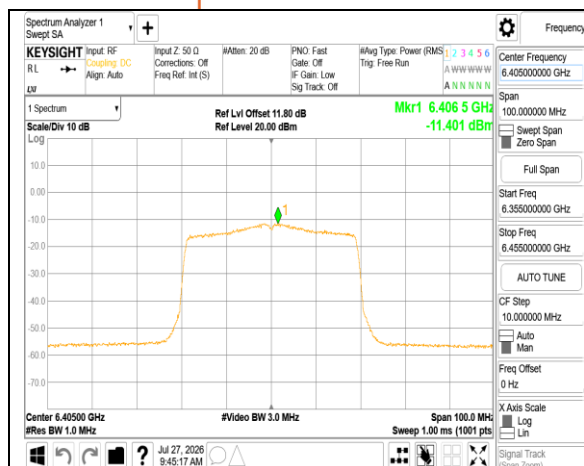
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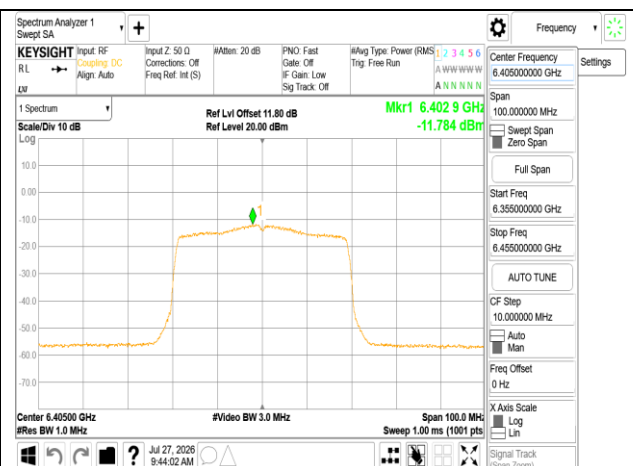
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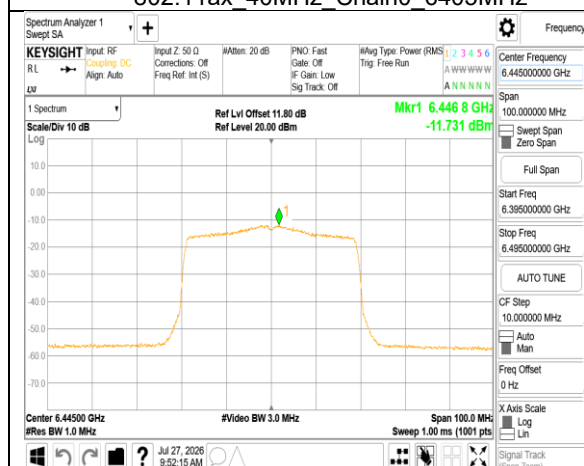
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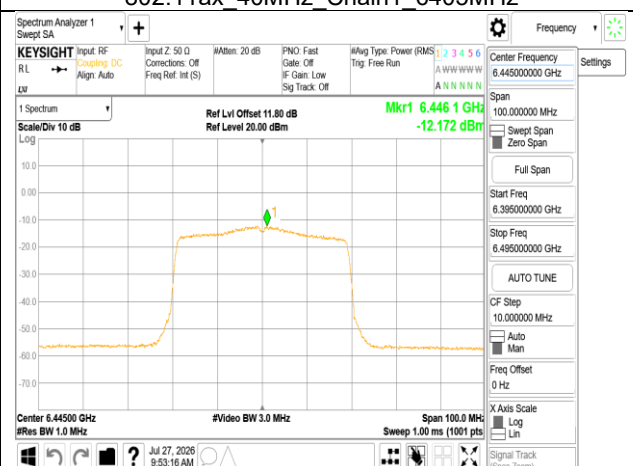
802.11ax 40MHz Chain0 6405MHz



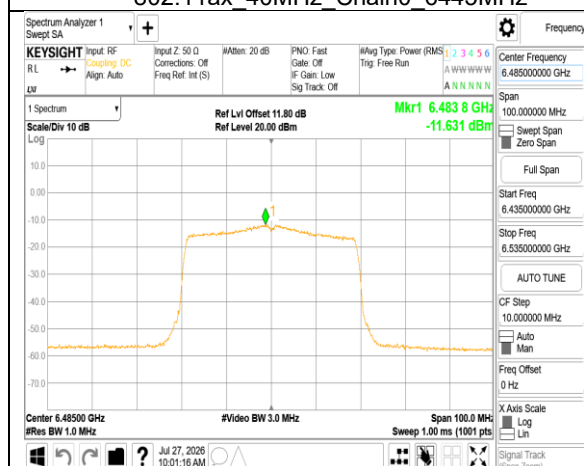
802.11ax 40MHz Chain1 6405MHz



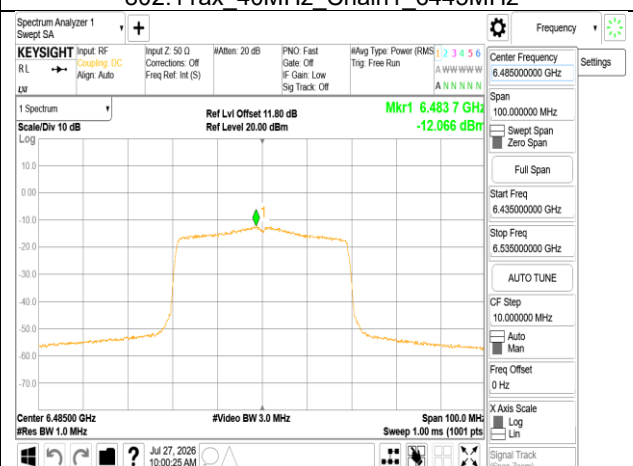
802.11ax 40MHz Chain0 6445MHz



802.11ax 40MHz Chain1 6445MHz



802.11ax 40MHz Chain0 6485MHz



802.11ax 40MHz Chain1 6485MHz

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