Audix Technology Corp.
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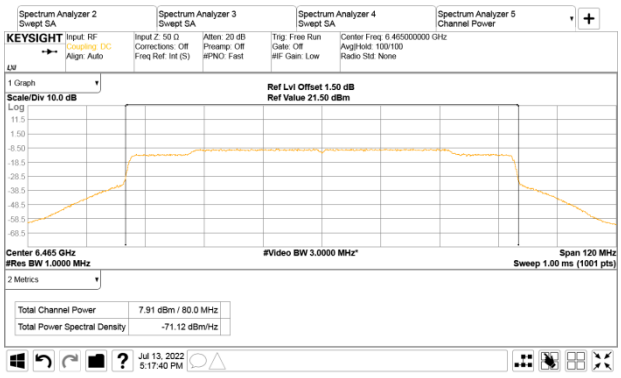
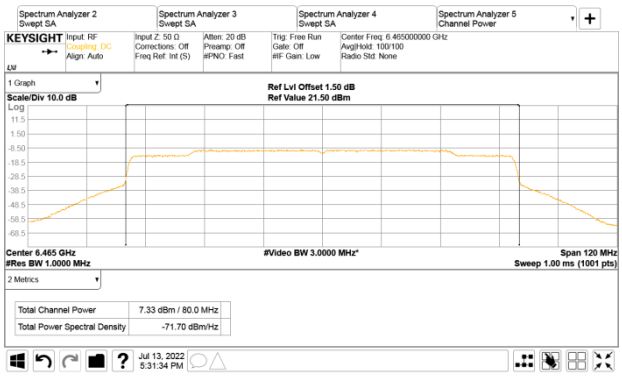
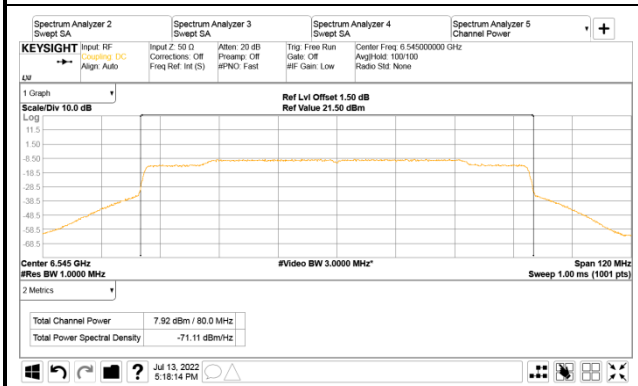
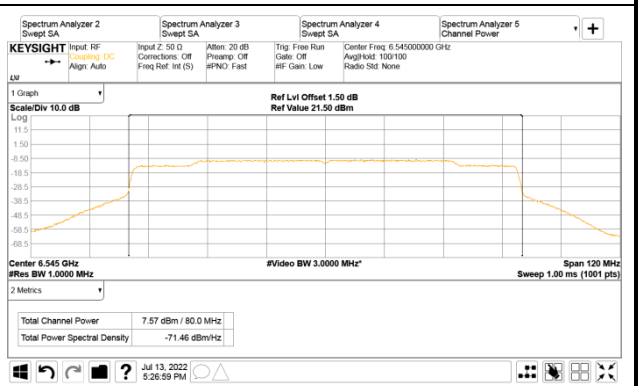
- OFDMA Modulation

Tones: 996T	
802.11ax-HE80	
U-NII Band 6	
AUX	Main
	
	

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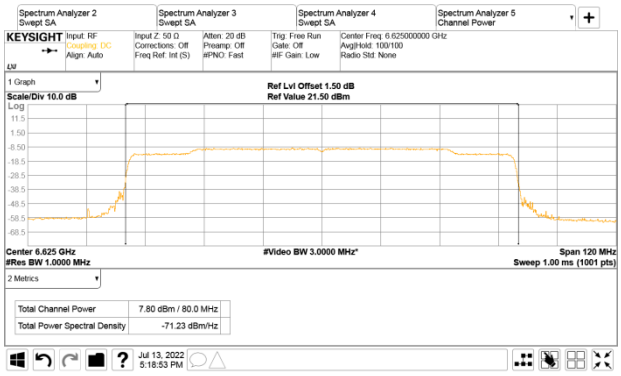	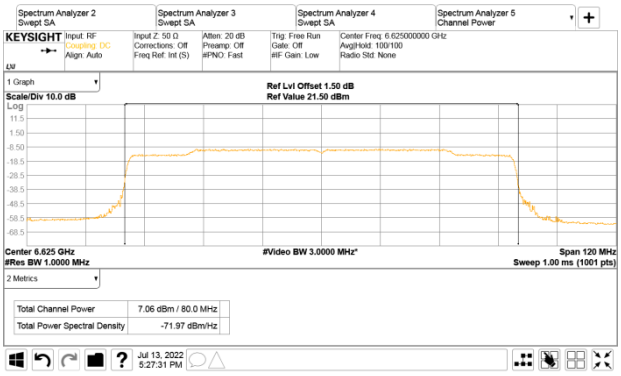
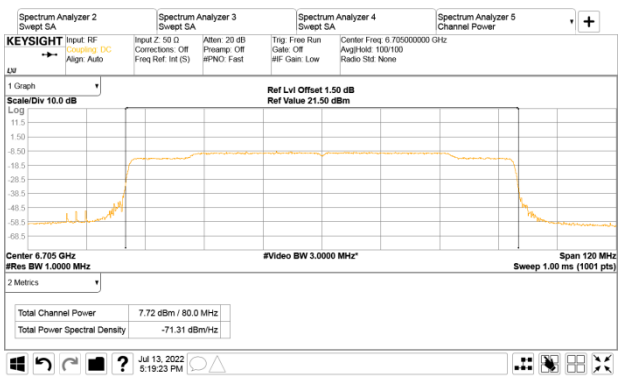	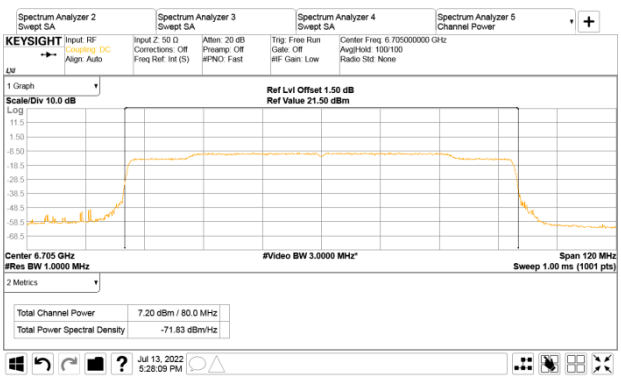
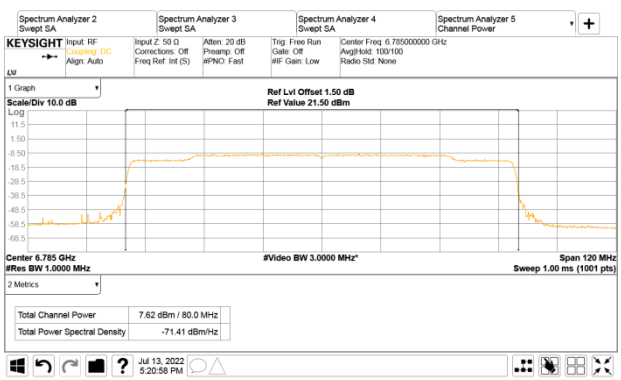	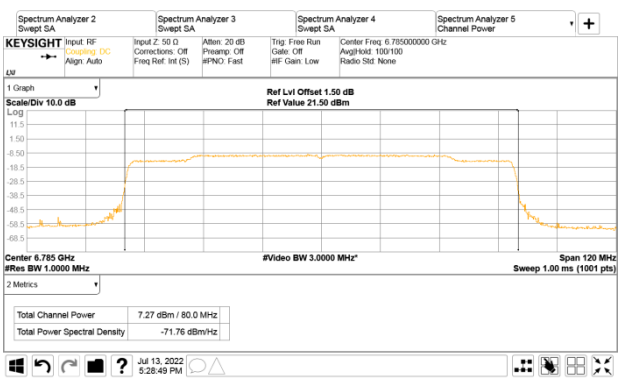

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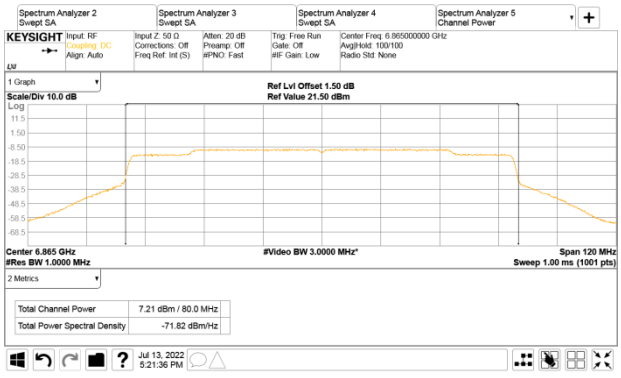	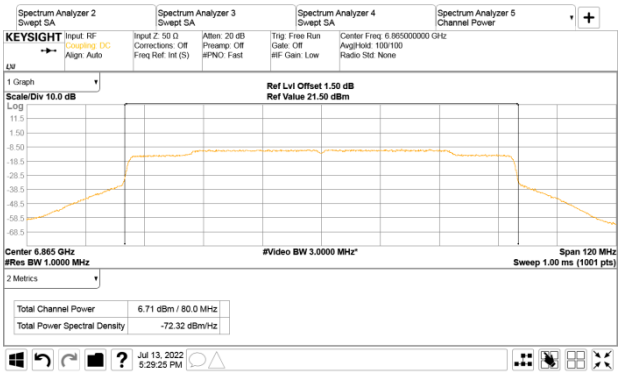
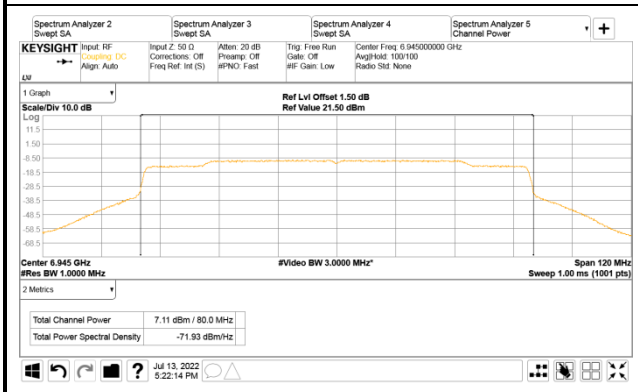	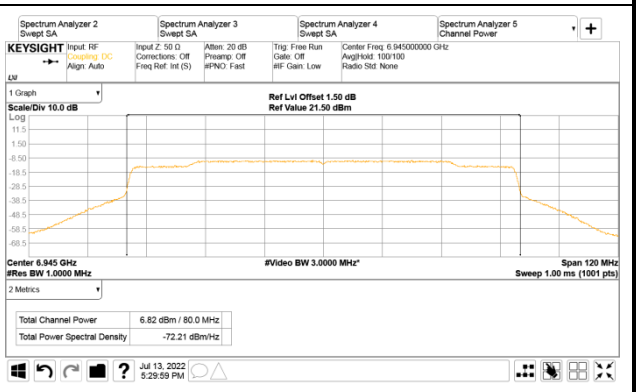
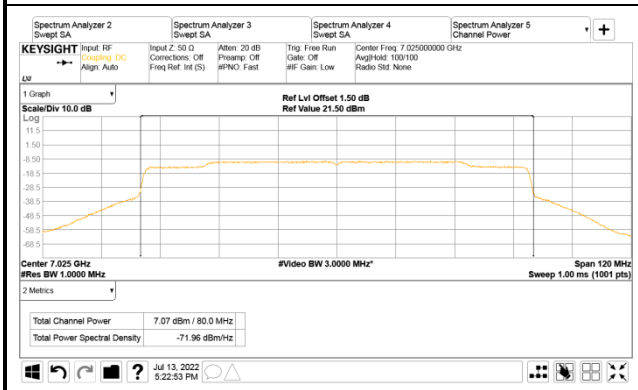	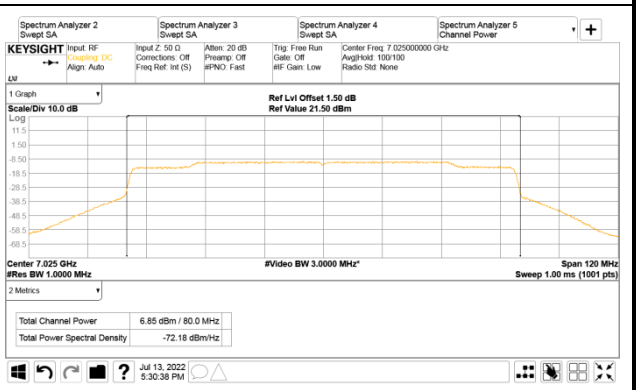

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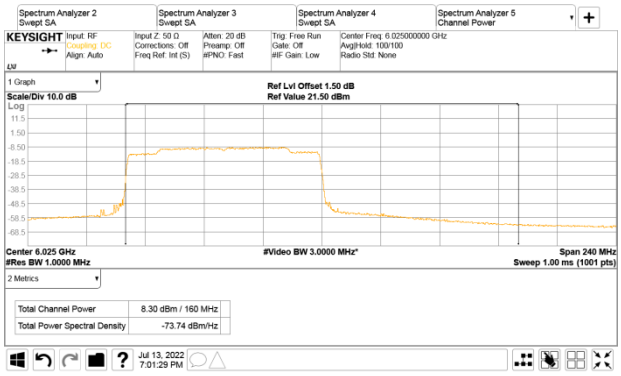
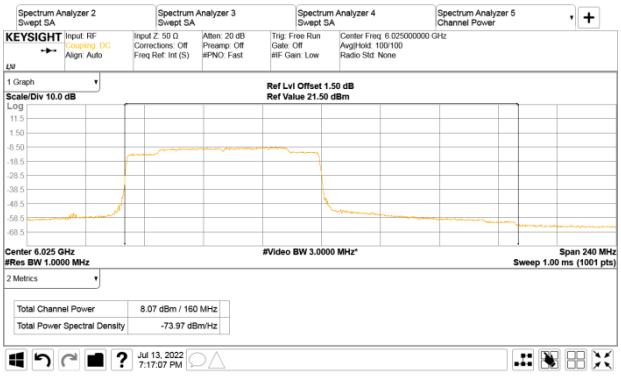
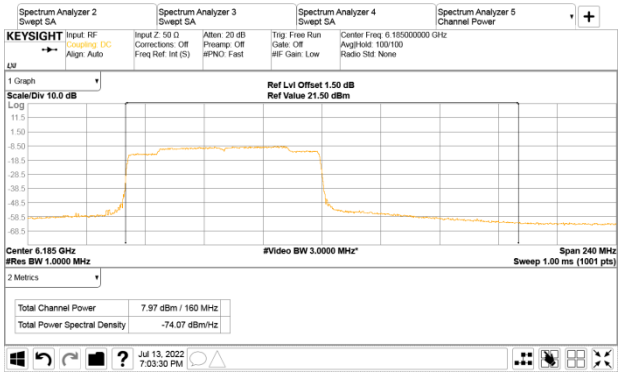
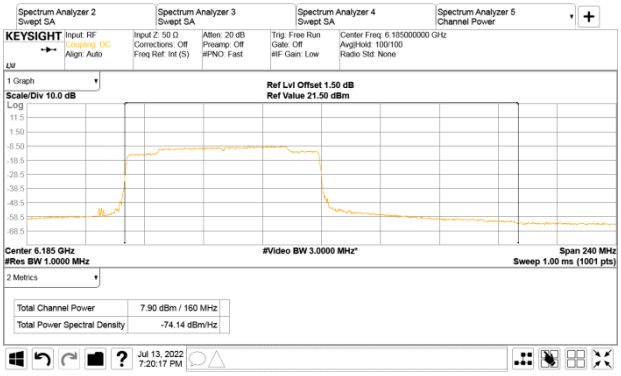
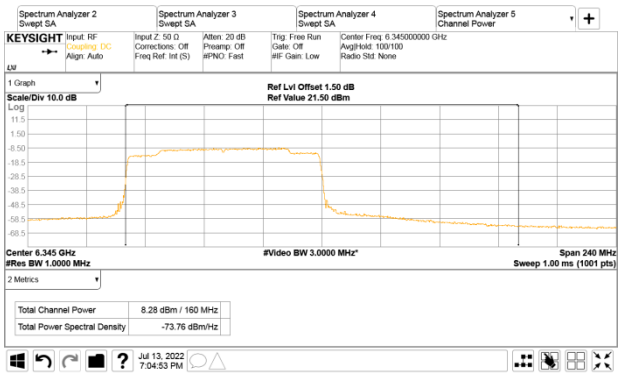
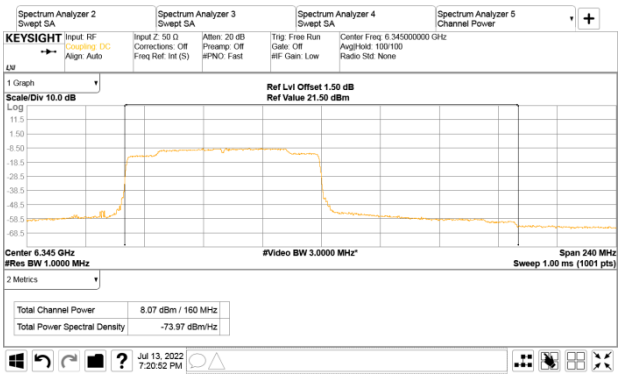
U-NII Band 5	
AUX	Main
	
	
	

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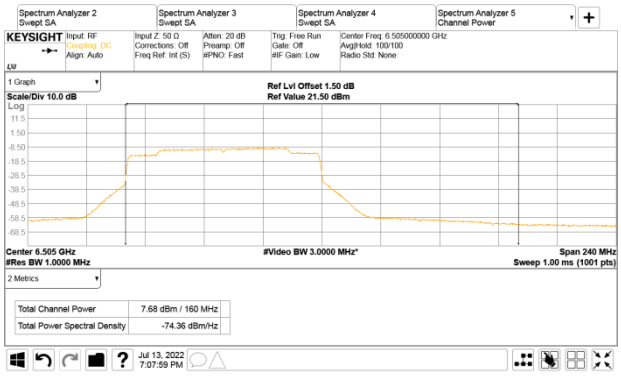
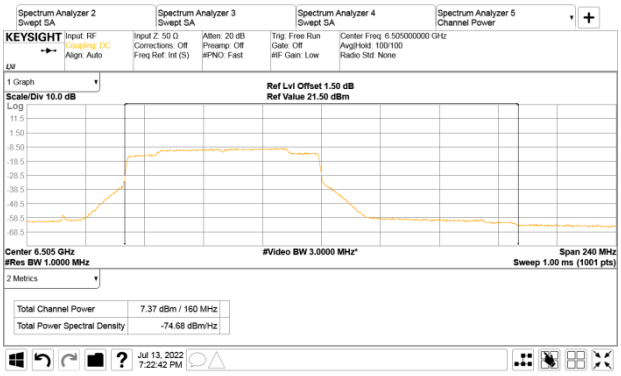
U-NII Band 6	
AUX	Main
	
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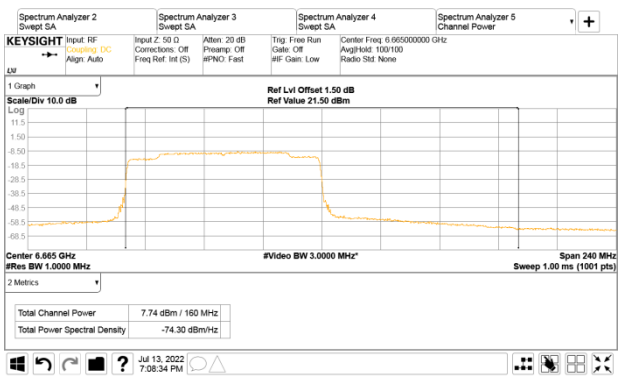	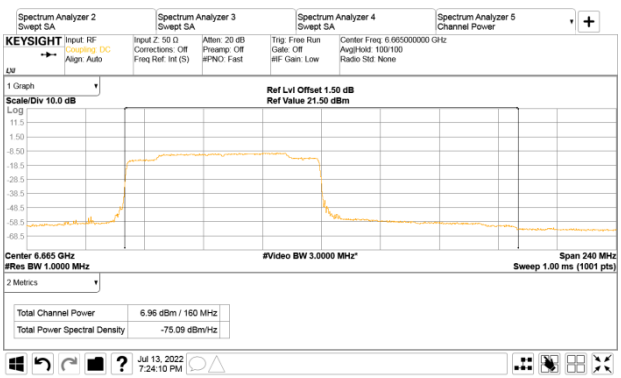
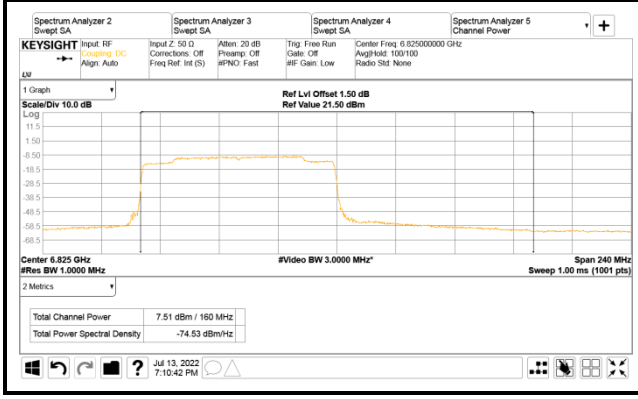	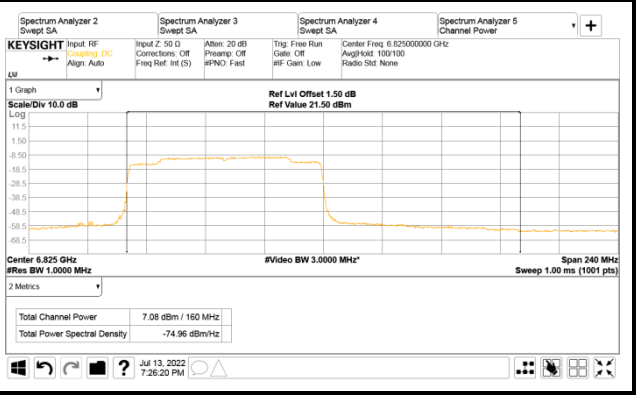

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U-NII Band 8	
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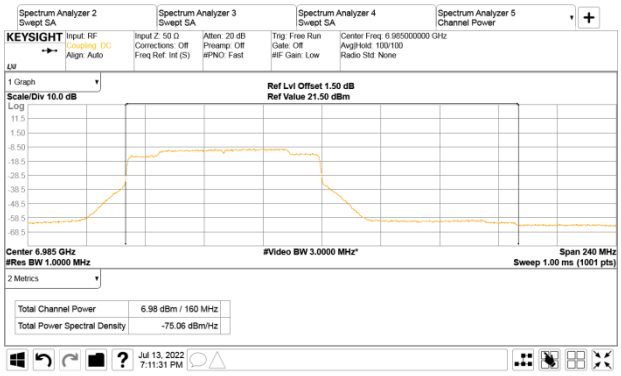	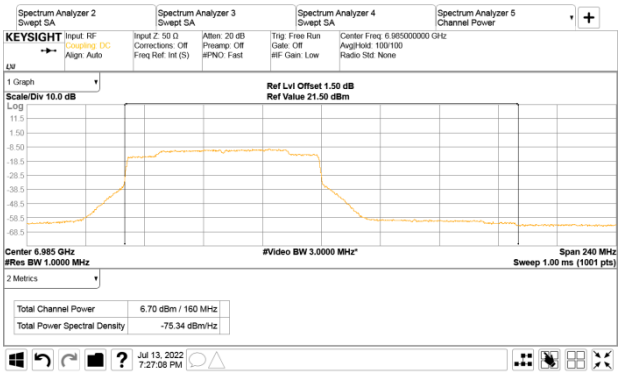

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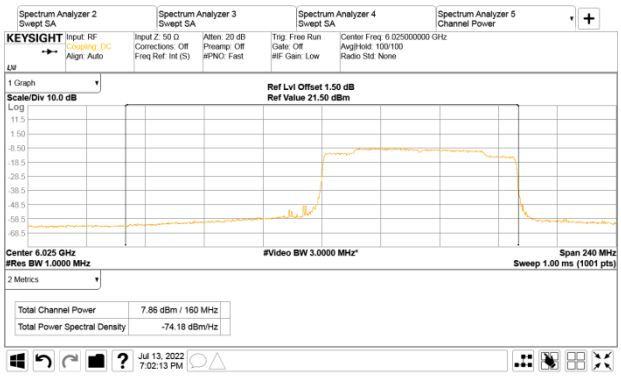

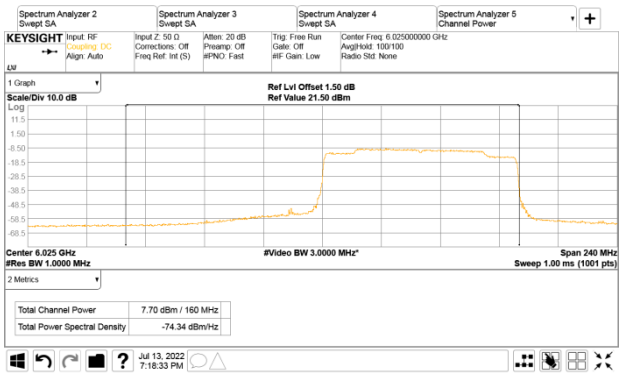

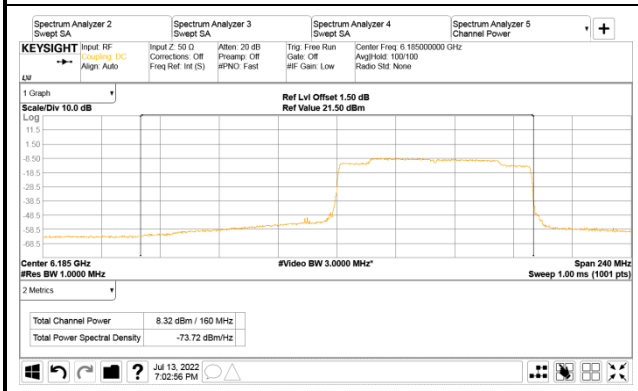

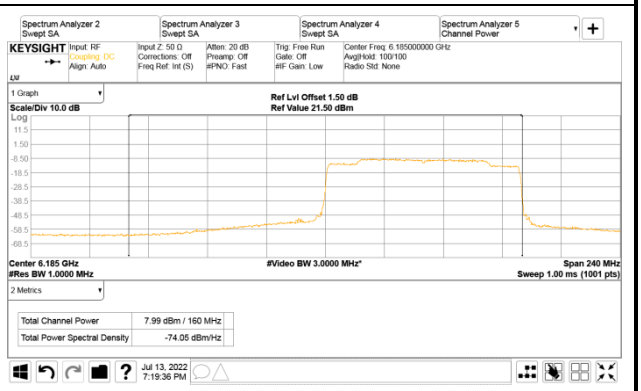

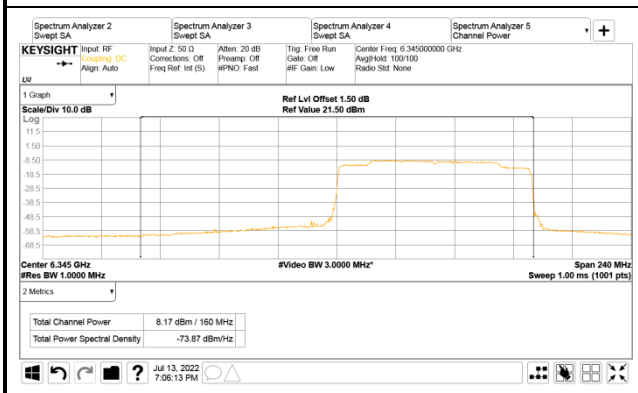

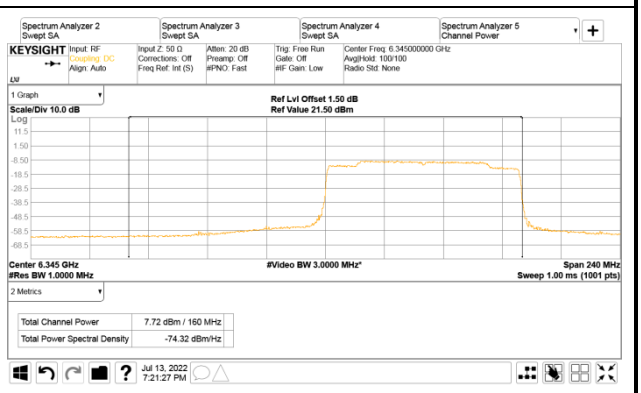

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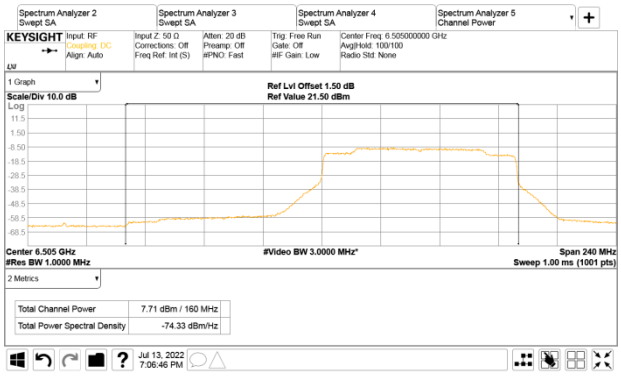	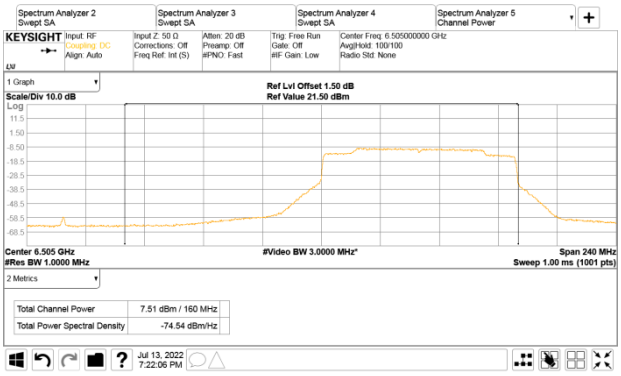
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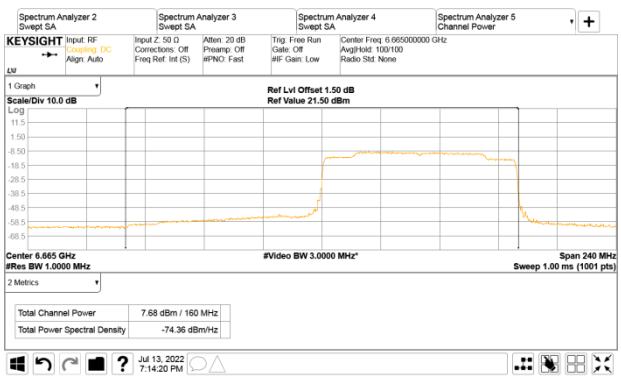	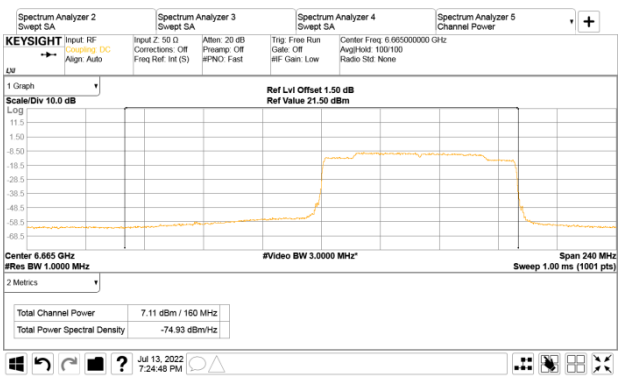
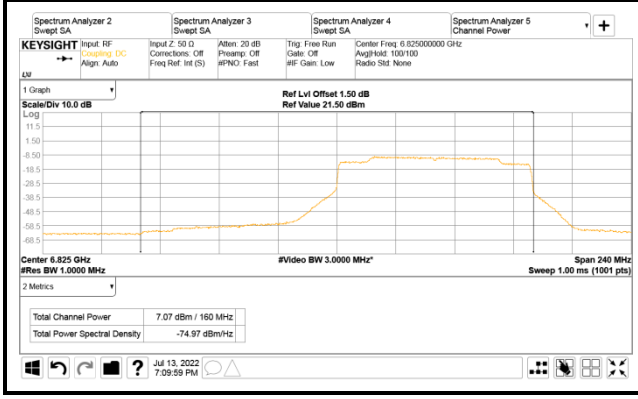	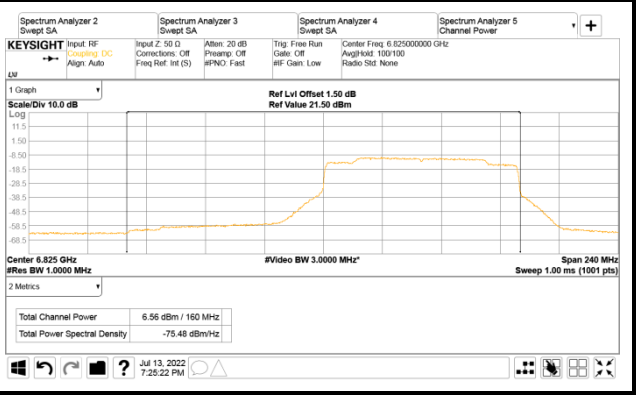

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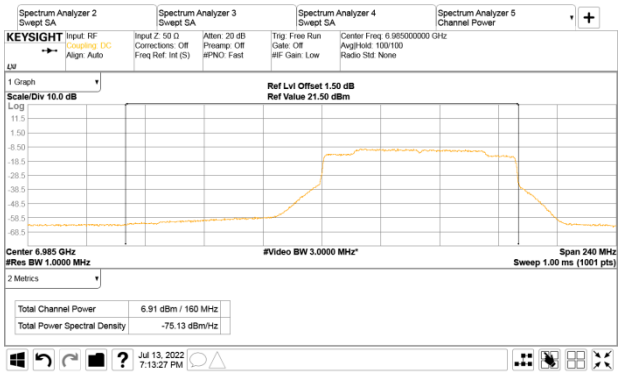	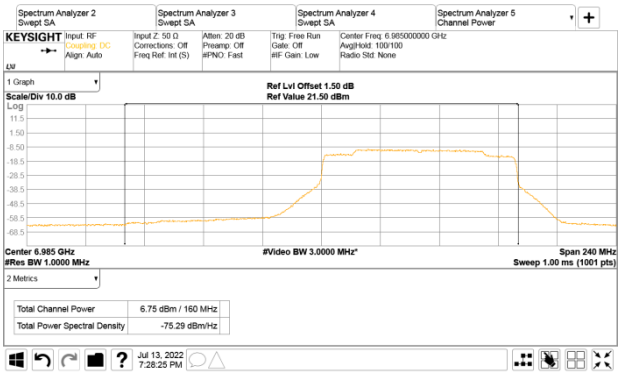

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A.5 EMISSION/OCCUPIED BANDWIDTH

Test Date	2022/07/13~14	Temp./Hum.	24 ~ 26℃/48 ~ 50%
Cable Loss	1.5dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.5.1 Emission/Occupied Bandwidth Result

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)				Limit
			AUX		Main		
			26dB	Occupied (99%)	26dB	Occupied (99%)	
802.11ax-HE20	5	5955	24.72	19.070	23.49	19.114	≤320MHz
		6175	24.10	19.061	24.64	19.028	
		6415	23.63	19.106	24.00	19.073	
	6	6435	23.94	19.087	23.68	19.082	
		6475	24.59	19.101	23.84	19.104	
		6515	24.17	19.042	24.94	19.088	
	7	6535	24.04	19.064	23.30	19.085	
		6695	24.99	19.128	23.35	19.056	
		6855	24.27	19.125	25.02	19.073	
	8	6875	24.06	19.028	23.55	19.107	
		6995	24.24	19.050	24.39	19.029	
		7115	24.86	19.095	24.35	19.090	
802.11ax-HE40	5	5965	45.21	37.904	42.86	37.794	≤320MHz
		6165	43.96	37.954	43.39	37.816	
		6405	45.27	37.908	43.15	37.879	
	6	6445	43.47	37.906	44.36	37.938	
		6485	44.33	37.896	43.73	37.864	
	7	6525	44.20	37.781	45.30	37.881	
		6685	44.94	37.891	44.86	37.837	
		6845	45.04	37.888	44.29	37.858	
	8	6885	44.91	37.892	43.88	37.915	
		7005	45.07	37.903	43.38	37.932	
		7085	44.28	37.869	43.65	37.842	
802.11ax-HE80	5	5985	81.83	76.860	82.15	76.808	≤320MHz
		6145	81.98	76.606	81.22	76.556	
		6385	82.92	76.714	82.29	76.600	
	6	6465	82.49	76.874	81.80	76.519	
		6545	81.40	76.496	82.53	76.580	
	7	6625	81.10	76.688	81.92	76.740	
		6705	81.59	76.638	83.37	76.553	
		6785	81.49	76.575	81.56	76.760	
	8	6865	81.35	76.586	81.36	76.617	
		6945	83.17	76.612	82.82	76.516	
		7025	84.19	76.667	81.87	76.836	
802.11ax-HE160	5	6025	163.0	154.62	162.1	154.60	≤320MHz
		6185	163.5	154.79	162.1	154.51	
		6345	162.2	154.37	162.0	154.15	
	6	6505	162.9	154.27	161.9	154.43	
	7	6665	163.0	154.35	162.6	154.86	
		6825	162.0	154.72	162.9	154.44	
	8	6985	162.5	154.45	162.4	154.39	

Note: All results have been included cable loss.

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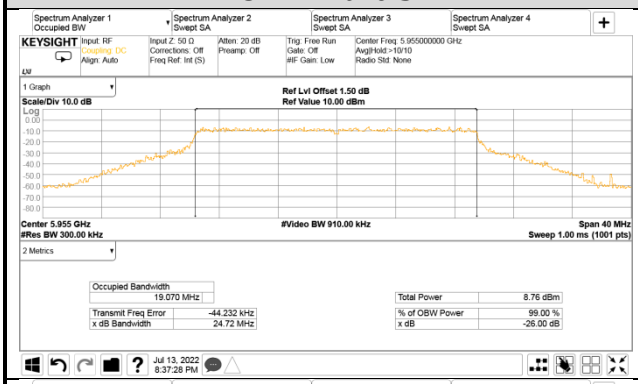
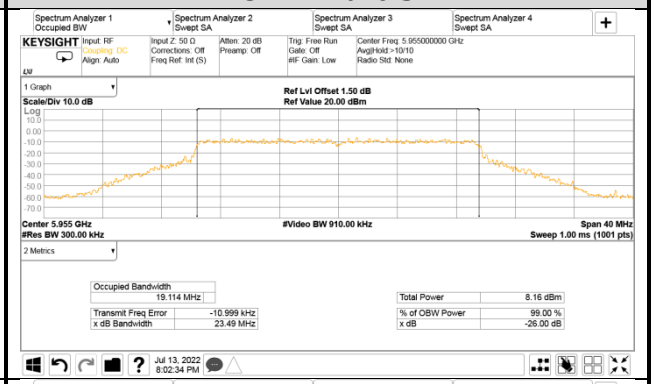
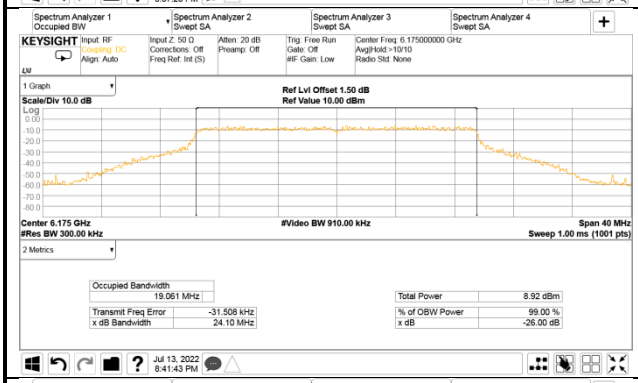
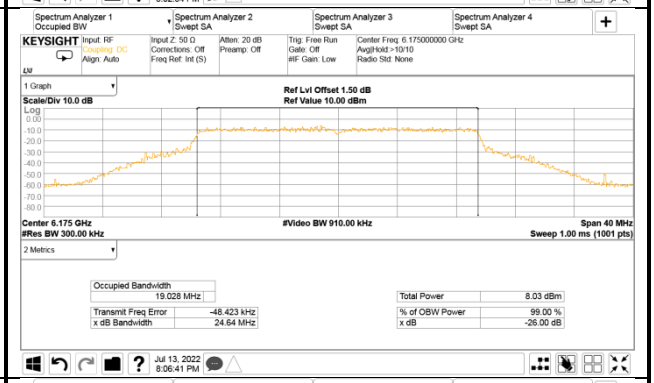
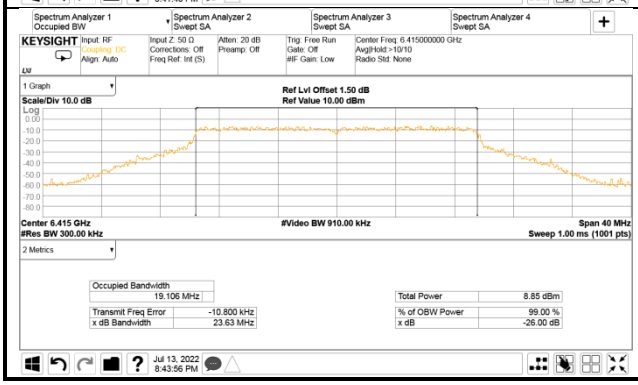
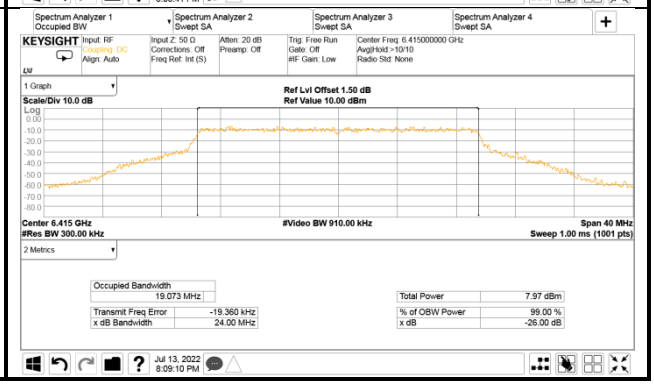
A.5.2 Measurement Plots

Mode: 802.11ax-HE20	
AUX	Main
U-NII Band 5	U-NII Band 5
	
	
	

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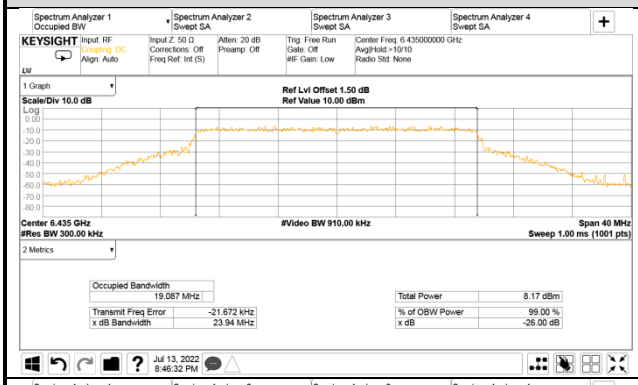
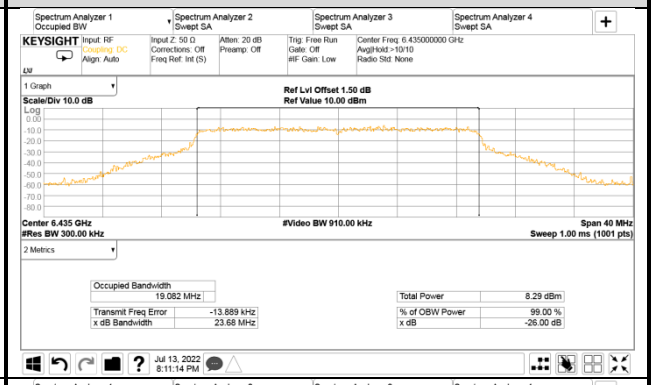
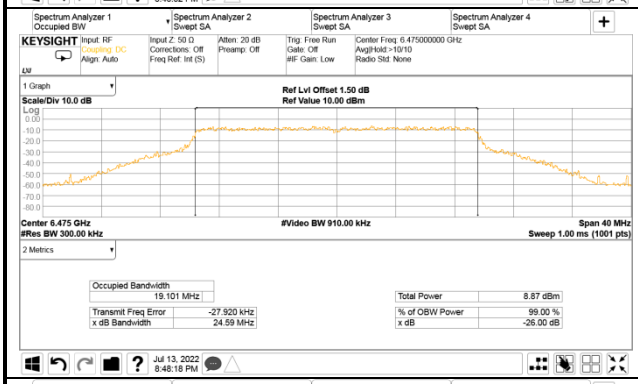
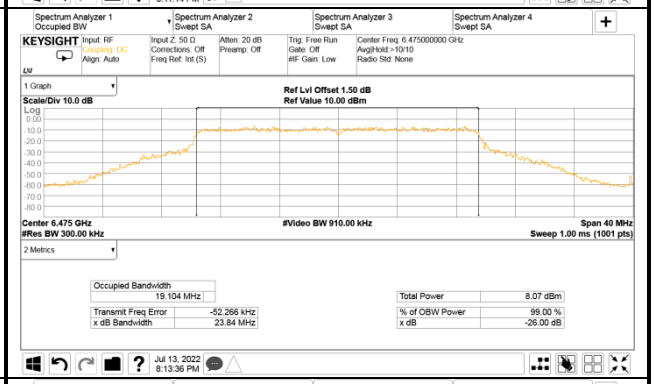
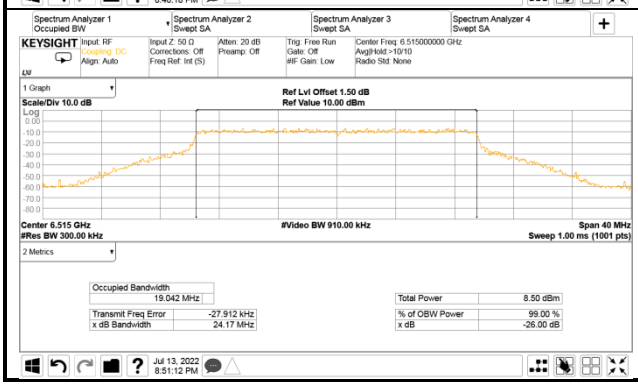
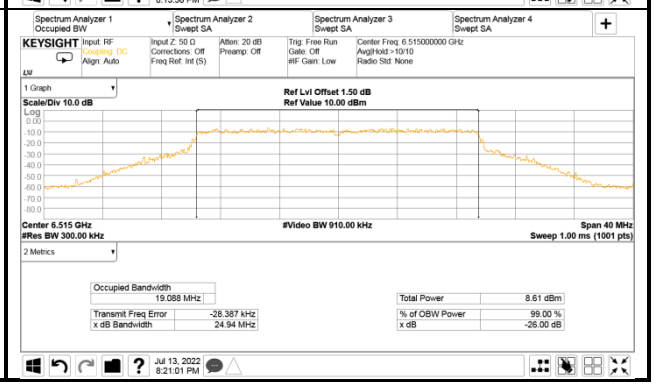
Mode: 802.11ax-HE20	
AUX	Main
U-NII Band 6	U-NII Band 6
	
	
	

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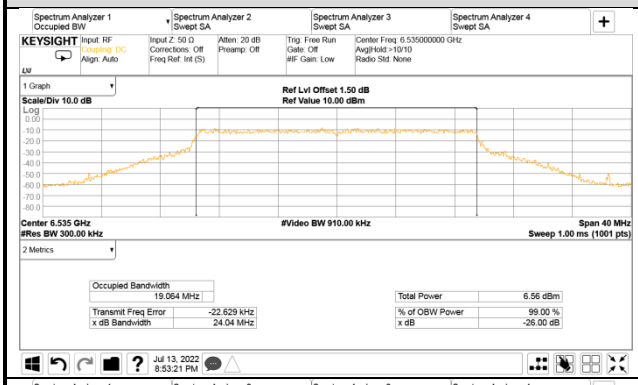
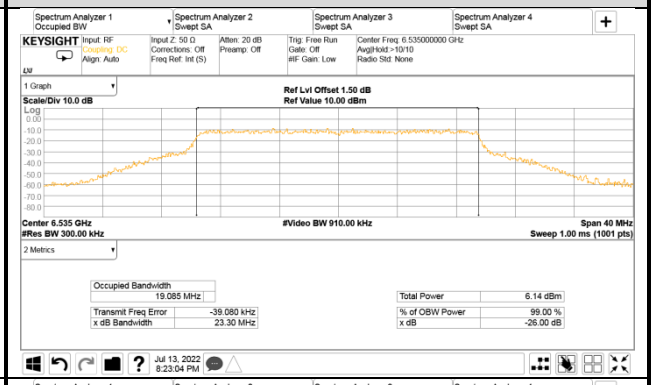
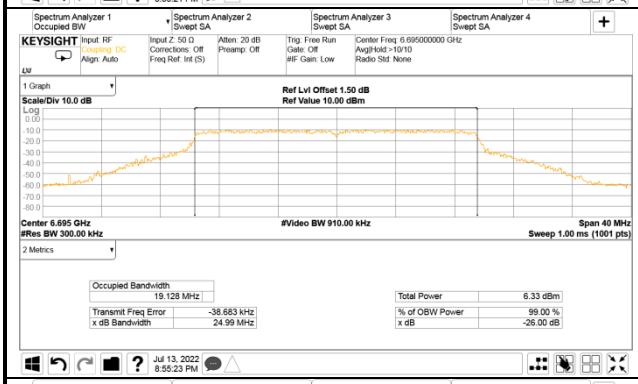
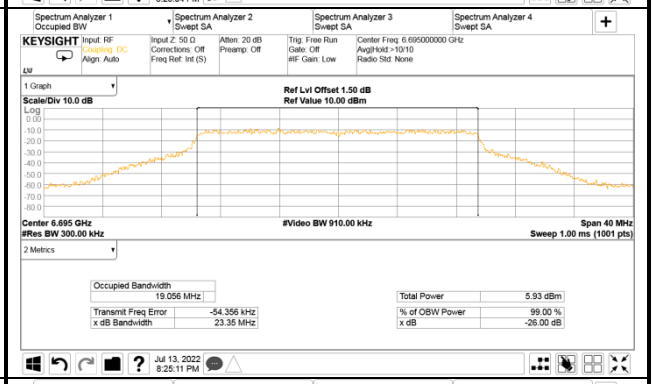
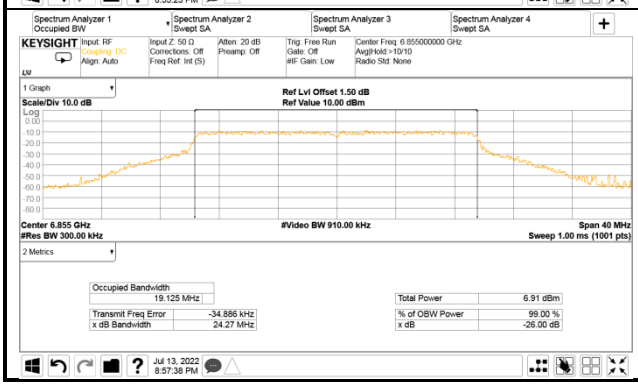
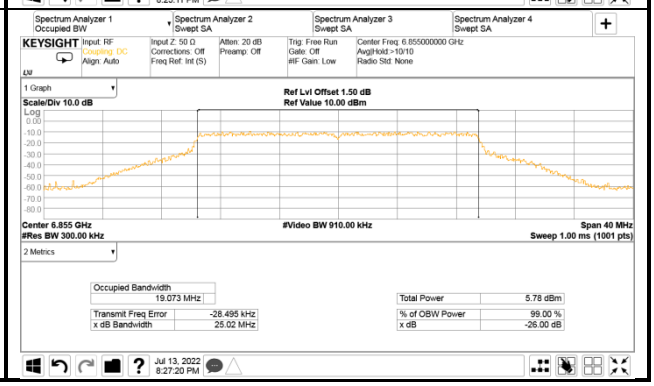
Mode: 802.11ax-HE20	
AUX	Main
U-NII Band 7	U-NII Band 7
	
	
	

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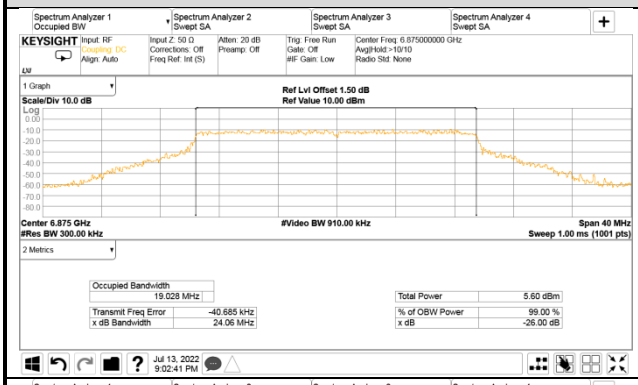
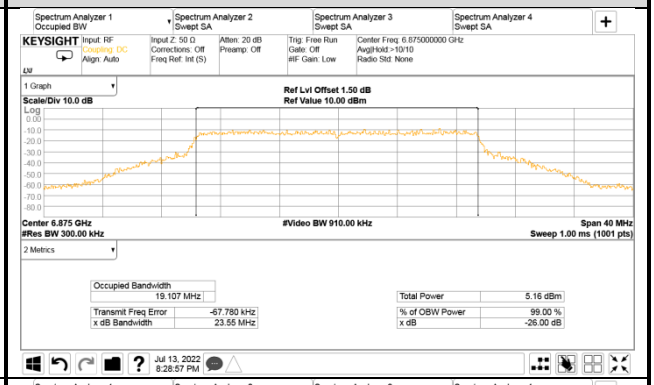
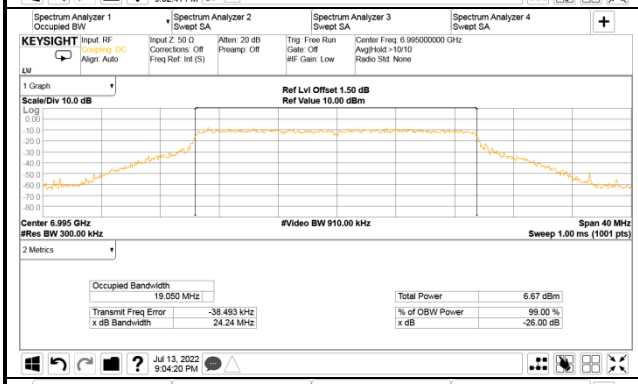
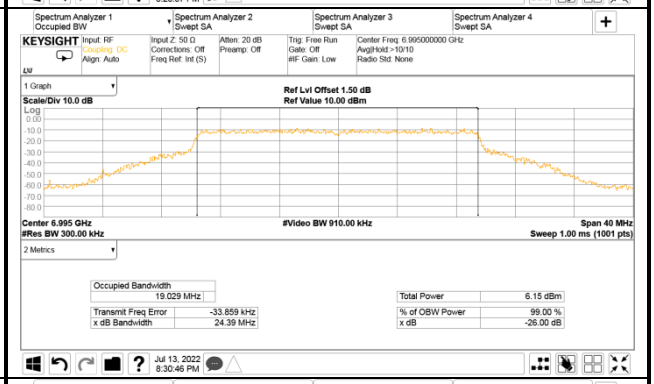
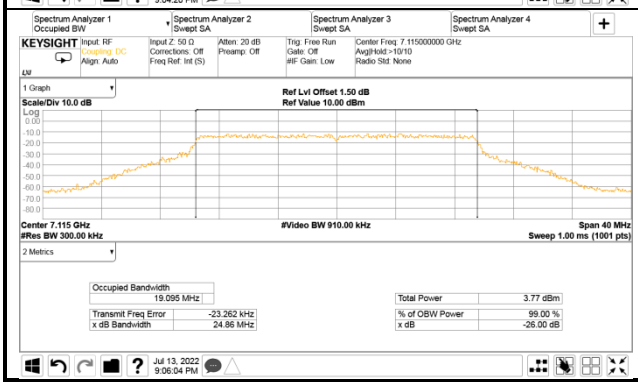
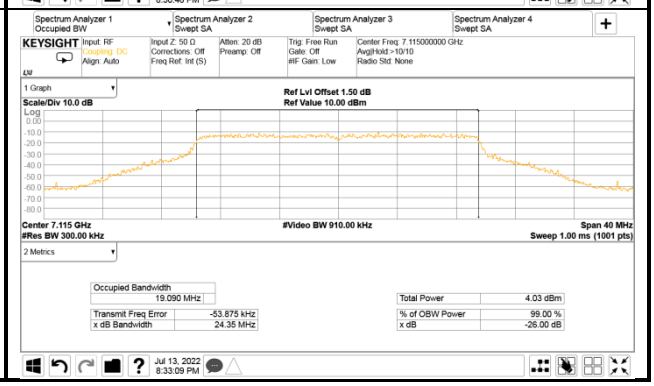
Mode: 802.11ax-HE20	
AUX	Main
U-NII Band 8	U-NII Band 8
	
	
	

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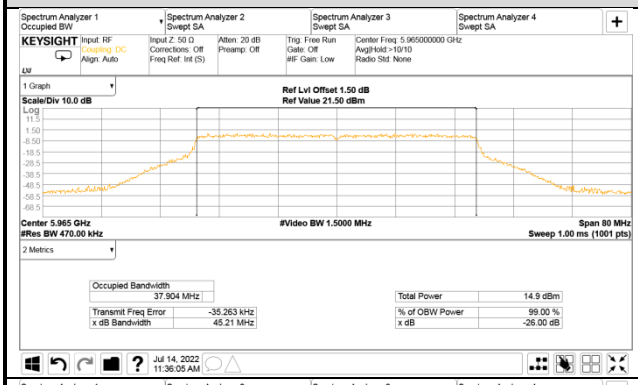
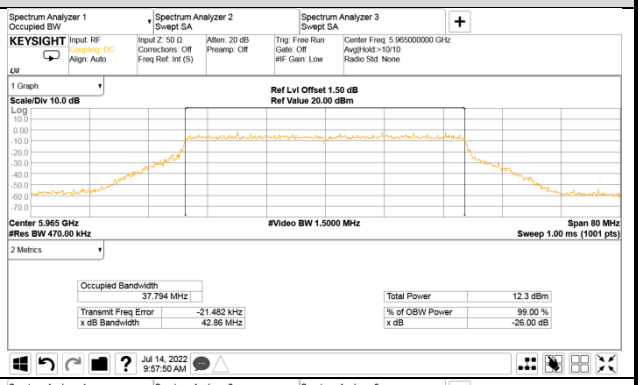
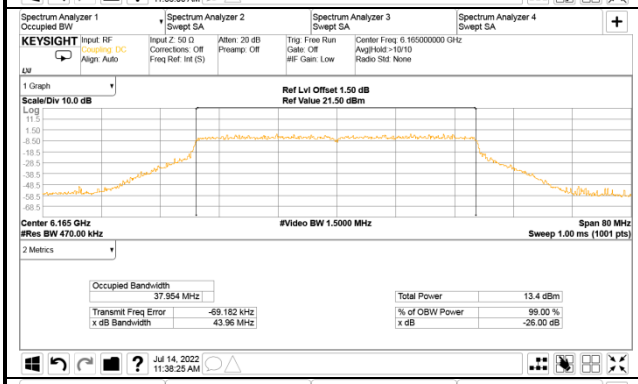
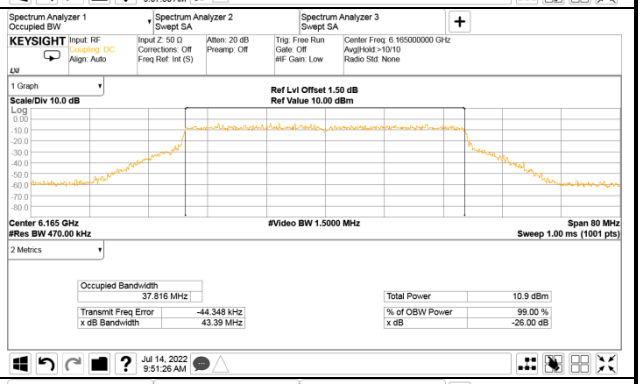
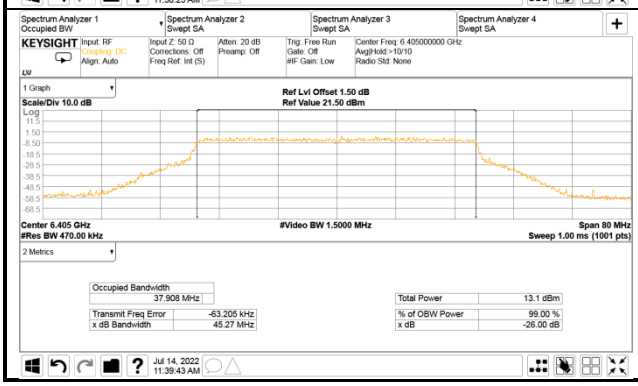
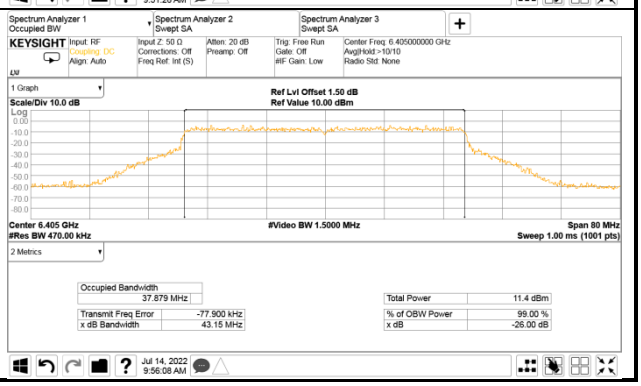
Mode: 802.11ax-HE40	
AUX	Main
U-NII Band 5	U-NII Band 5
	
	
	

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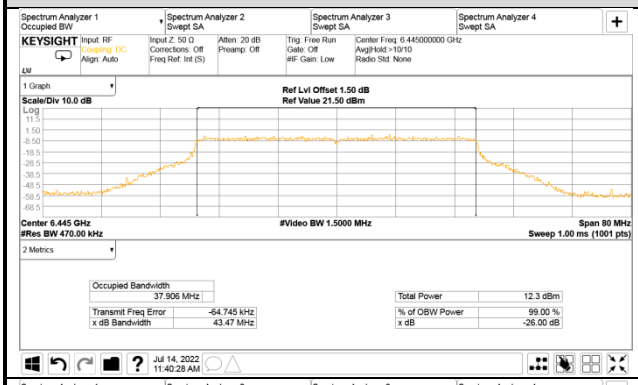
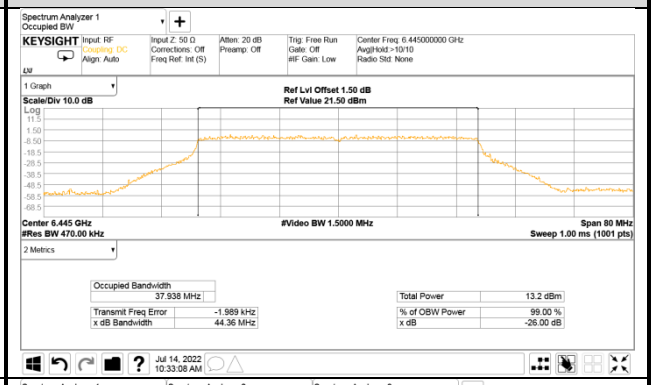
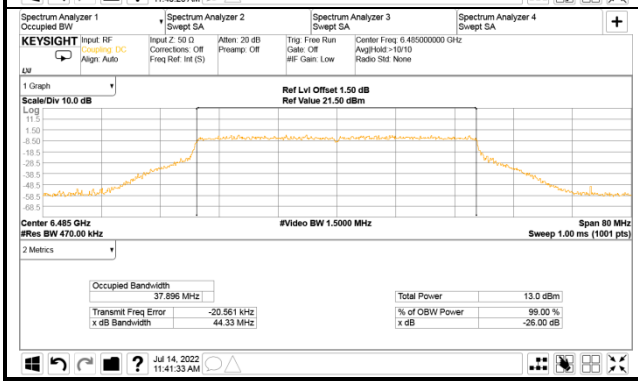
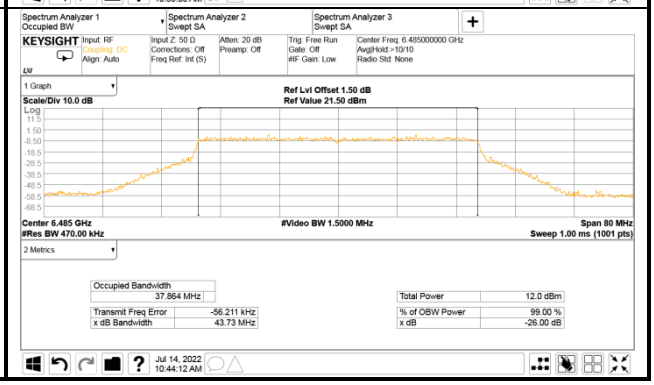
Mode: 802.11ax-HE40	
AUX	Main
U-NII Band 6	U-NII Band 6
	
	

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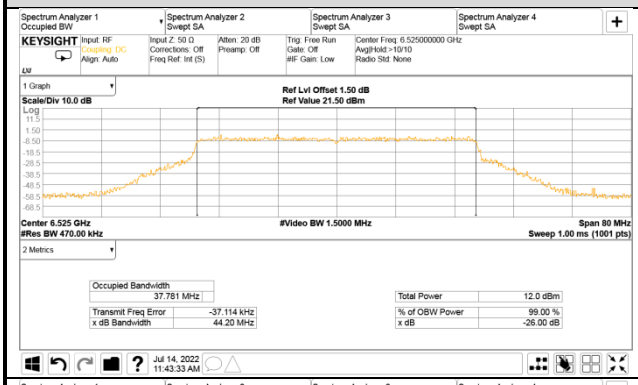
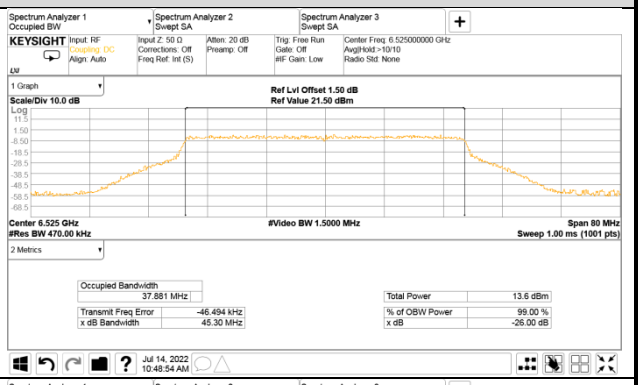
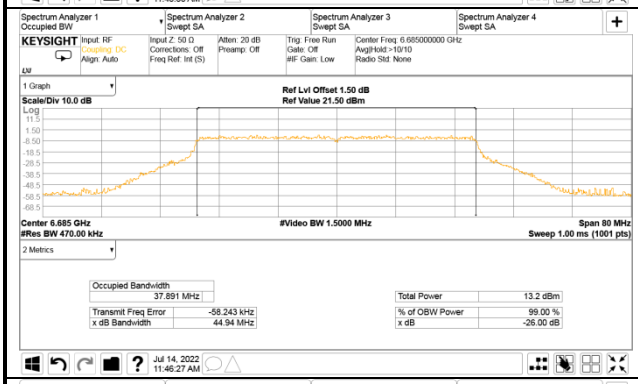
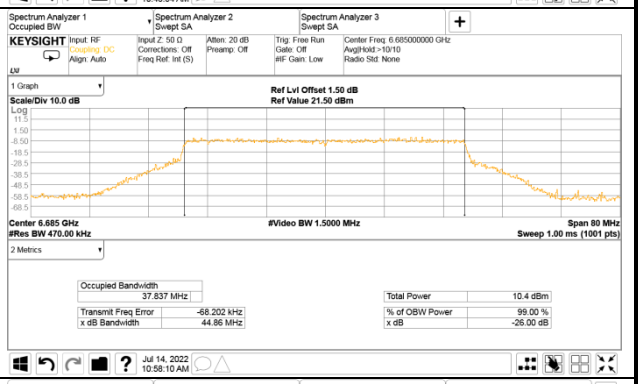
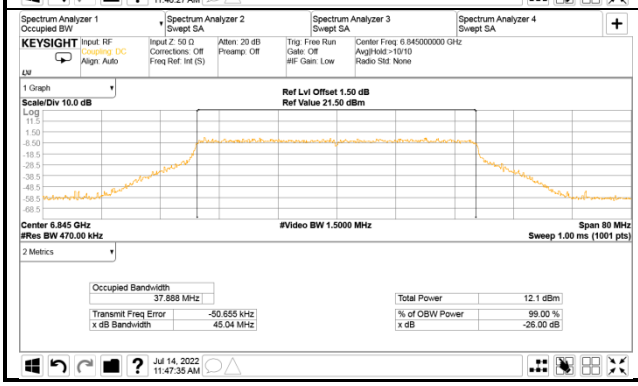
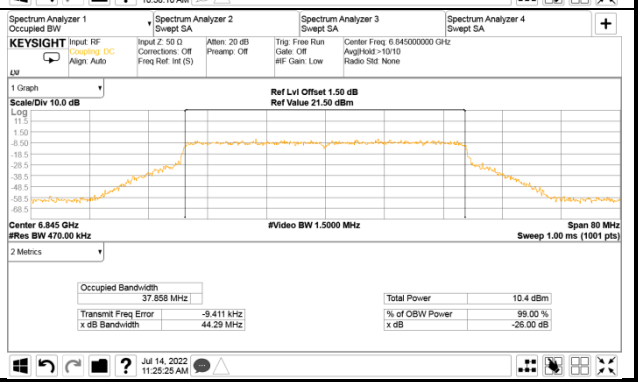
Mode: 802.11ax-HE40	
AUX	Main
U-NII Band 7	U-NII Band 7
	
	
	

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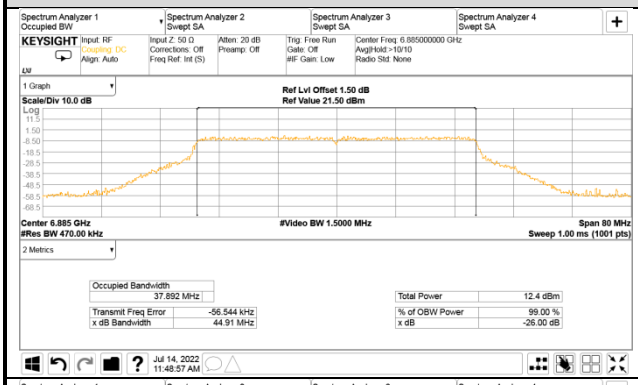
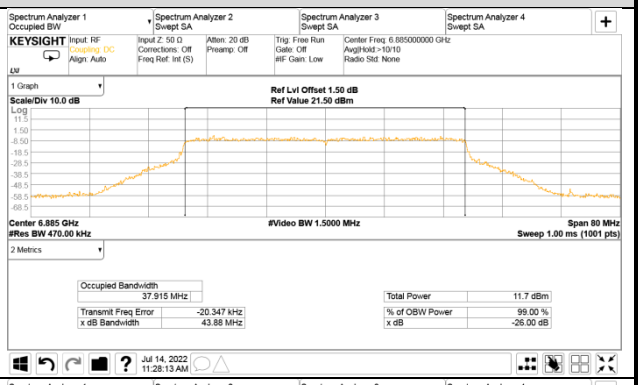
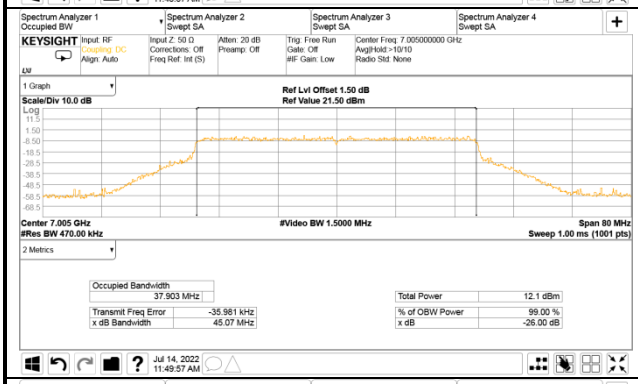
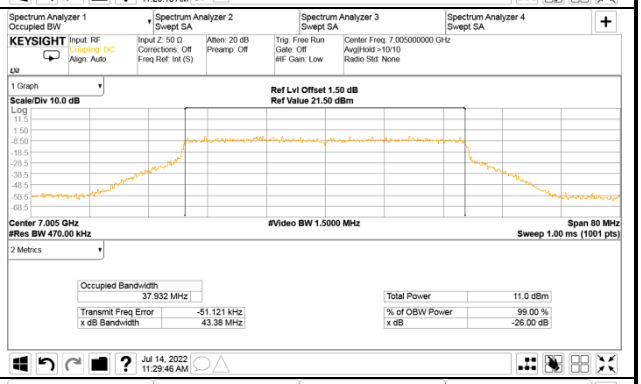
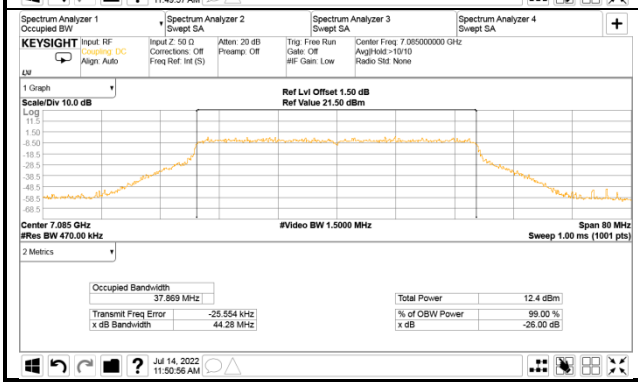
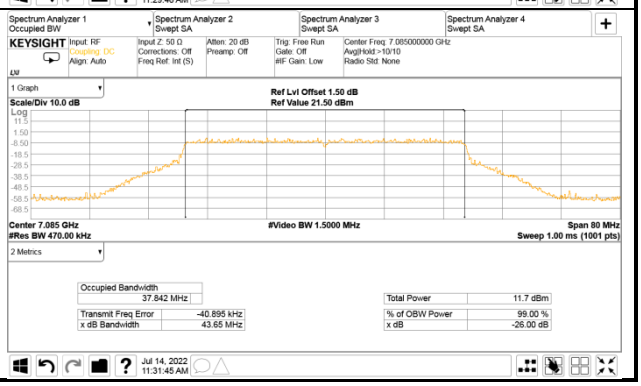
Mode: 802.11ax-HE40	
AUX	Main
U-NII Band 8	U-NII Band 8
	
	
	

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