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A.4.2 Measurement Plots

802.11ax-HE80	
U-NII Band 5	
ANT A (AUX)	ANT B (Main)

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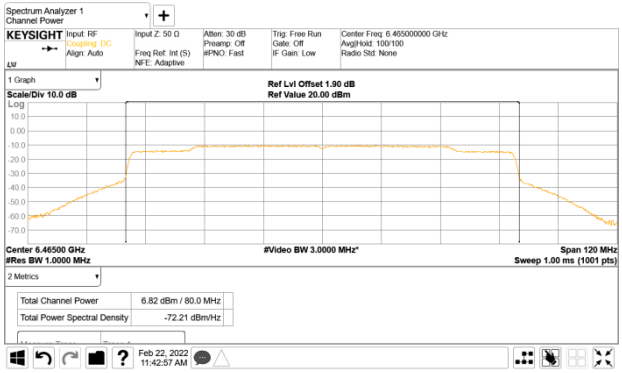
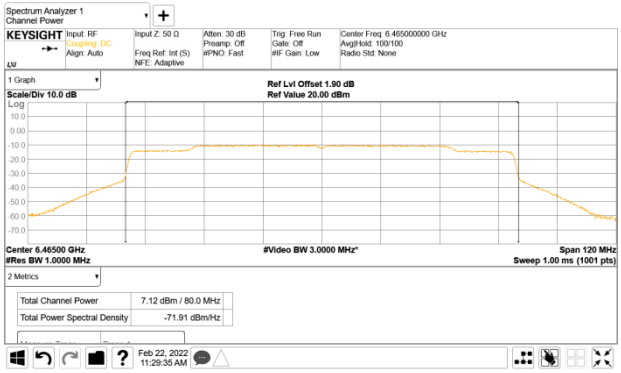
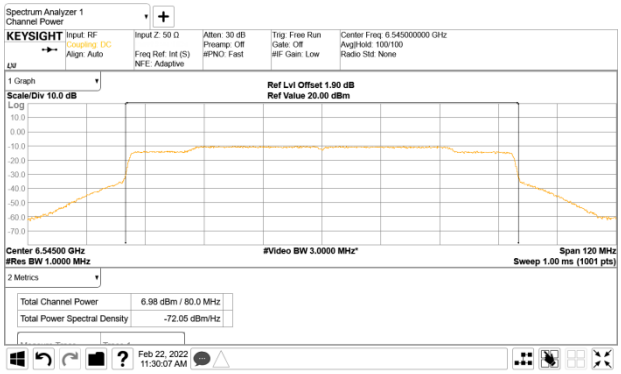
802.11ax-HE80	
U-NII Band 6	
ANT A (AUX)	ANT B (Main)
	
	

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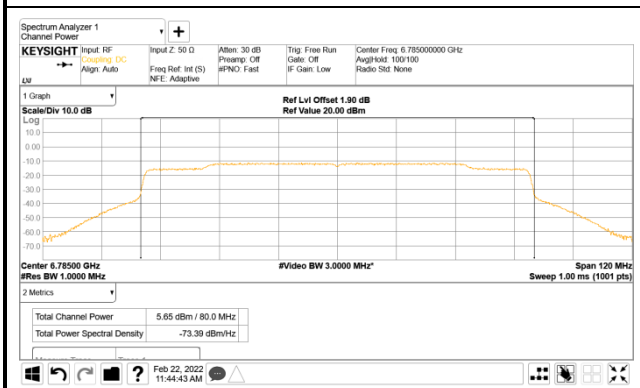
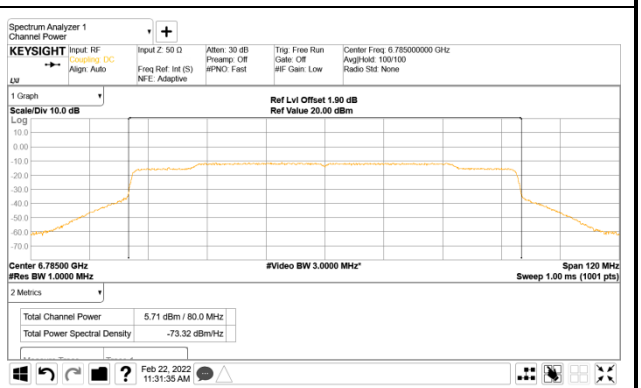
802.11ax-HE80	
U-NII Band 7	
ANT A (AUX)	ANT B (Main)
	

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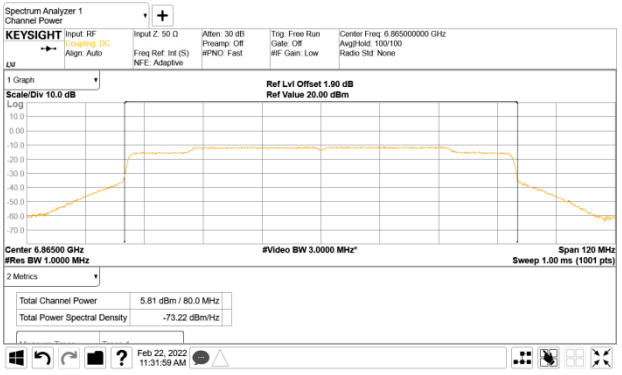
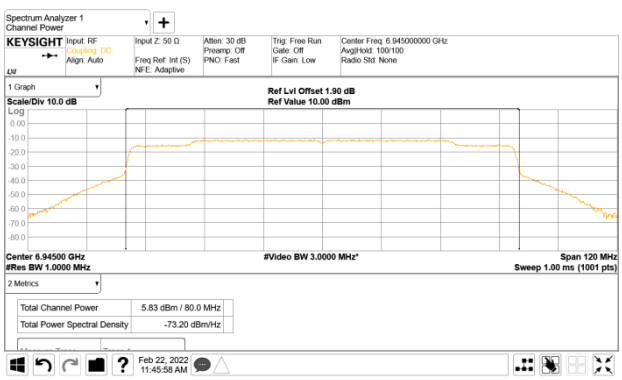
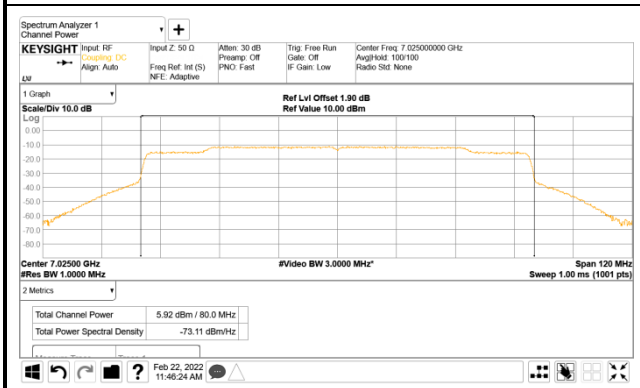
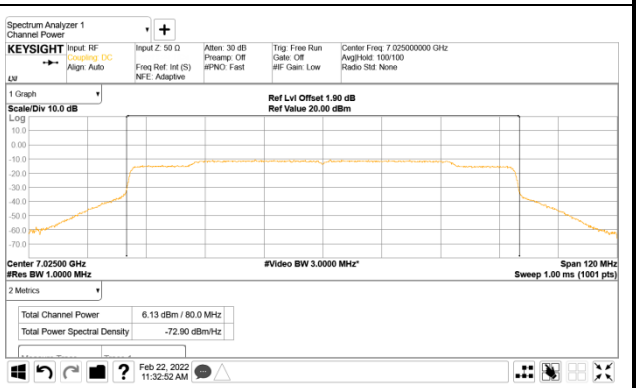
802.11ax-HE80	
U-NII Band 8	
ANT A (AUX)	ANT B (Main)
	
	
	

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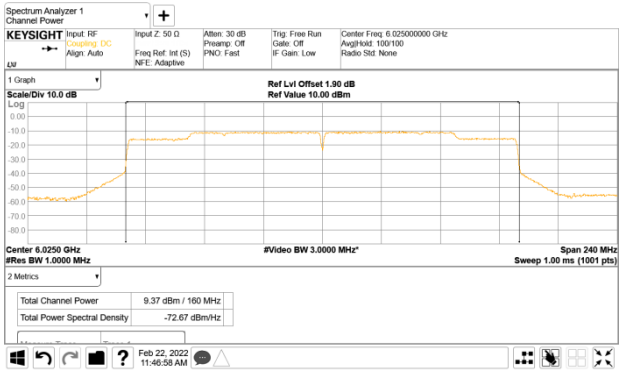
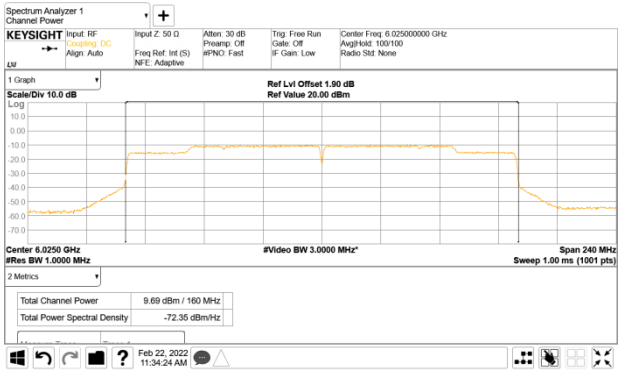
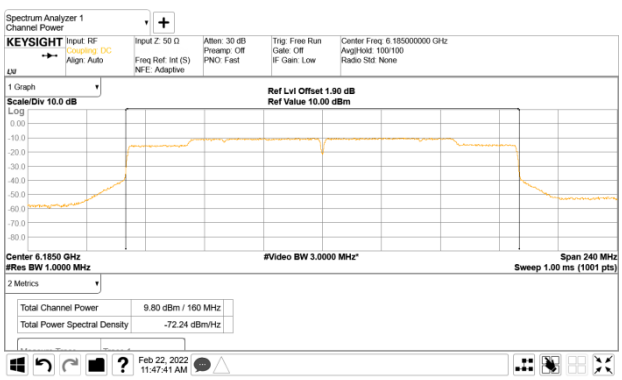
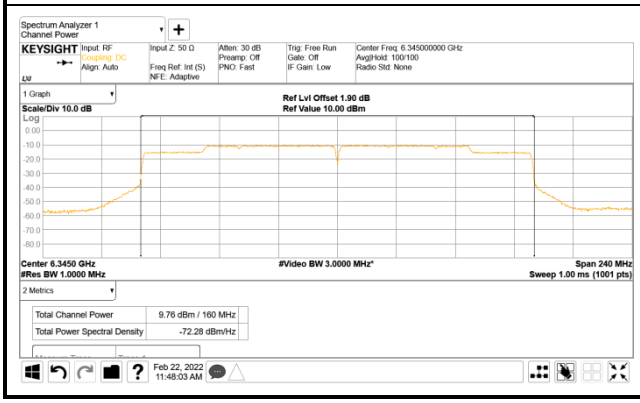
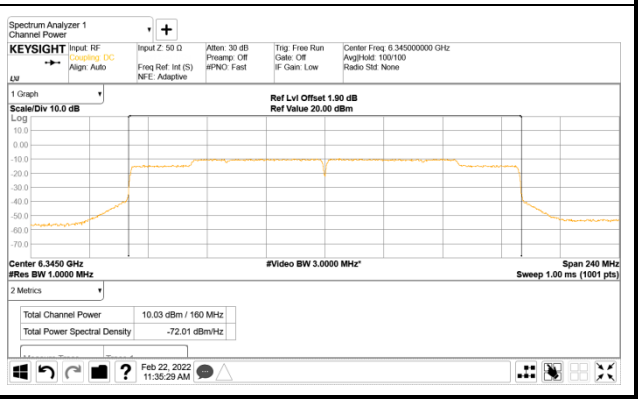
802.11ax-HE160	
U-NII Band 5	
ANT A (AUX)	ANT B (Main)
	
	
	

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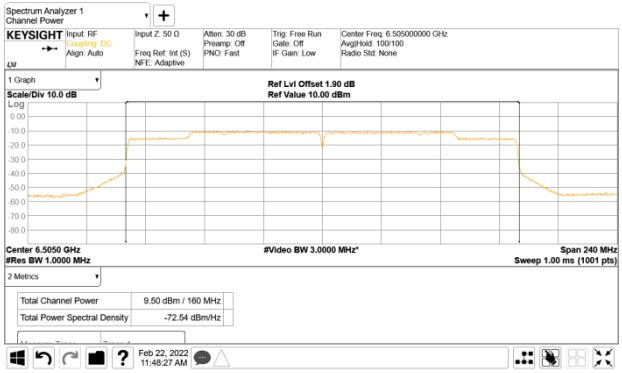
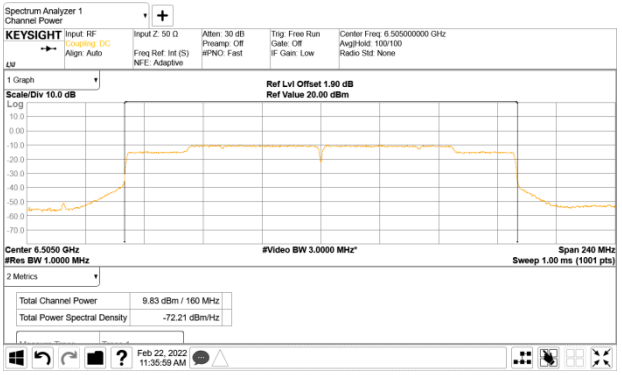
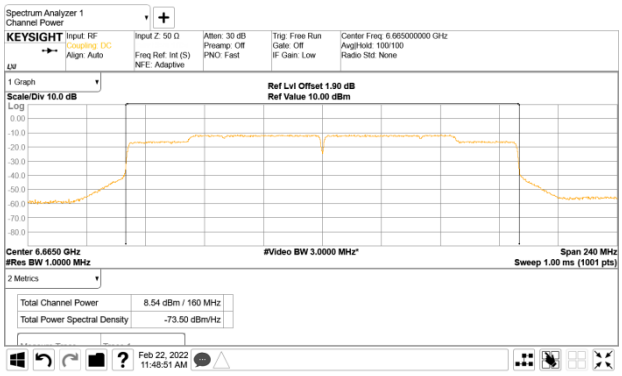
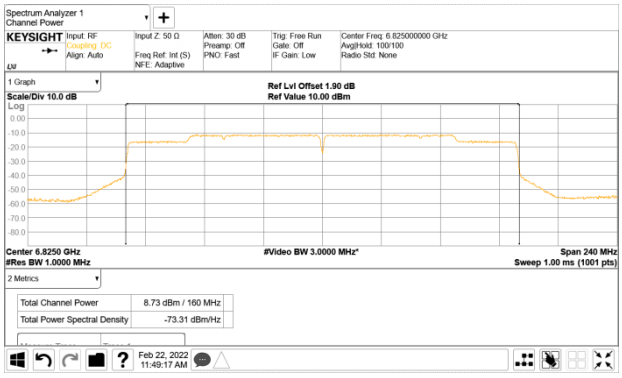
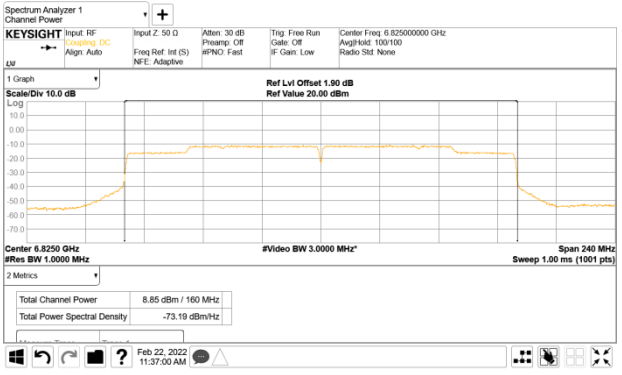
802.11ax-HE160	
U-NII Band 6	
ANT A (AUX)	ANT B (Main)
	

802.11ax-HE160	
U-NII Band 7	
ANT A (AUX)	ANT B (Main)
	
	

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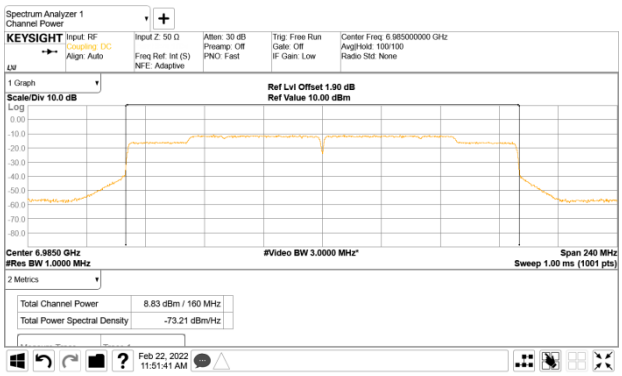
802.11ax-HE160	
U-NII Band 8	
ANT A (AUX)	ANT B (Main)
	

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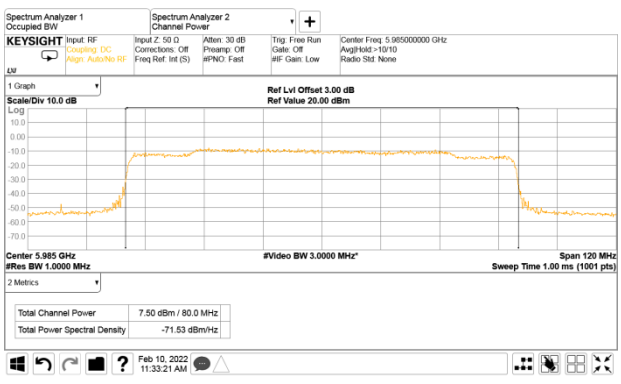
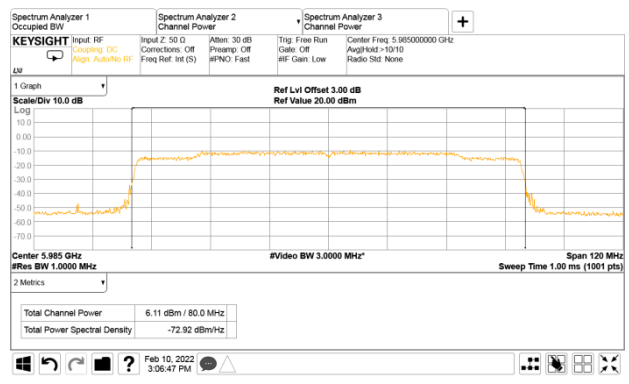
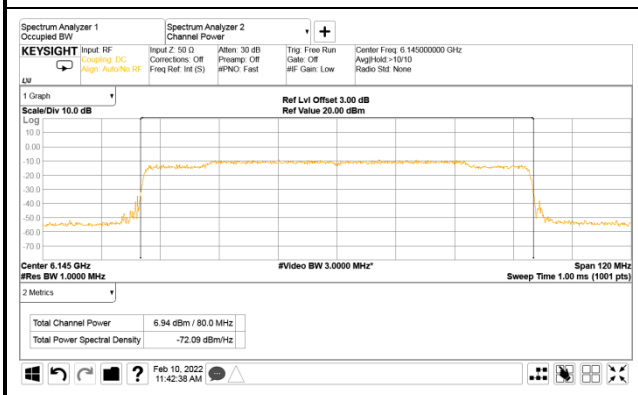
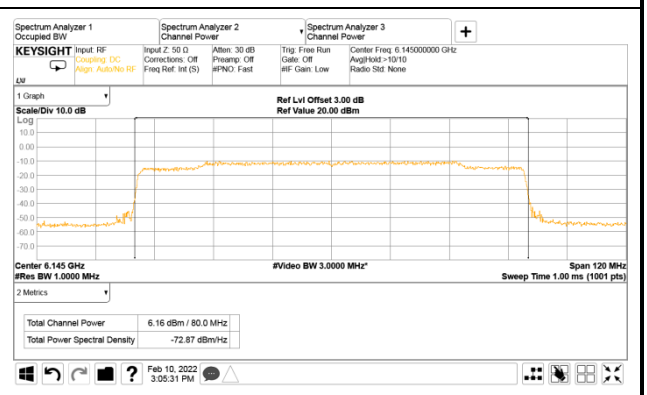
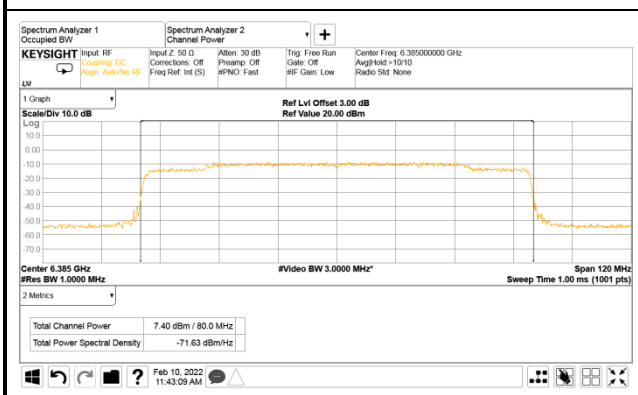
Tones: 996T	
802.11ax-HE80	
U-NII Band 5	
ANT A (AUX)	ANT B (Main)

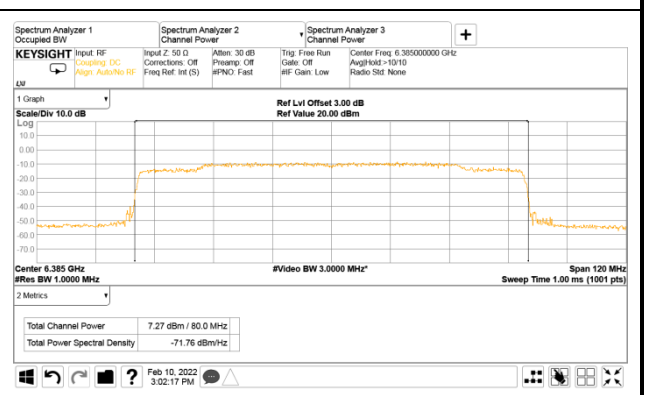












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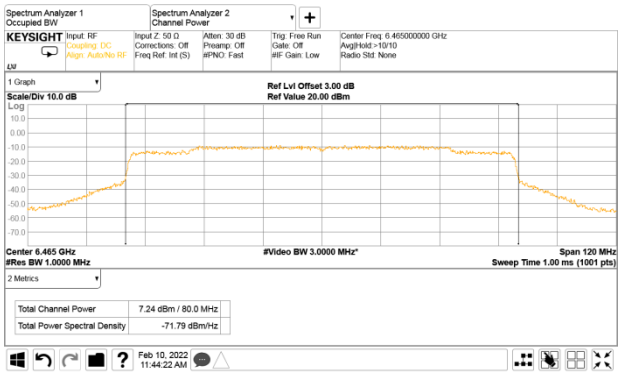
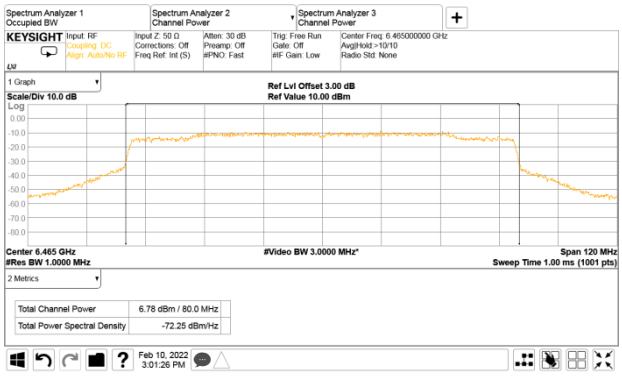
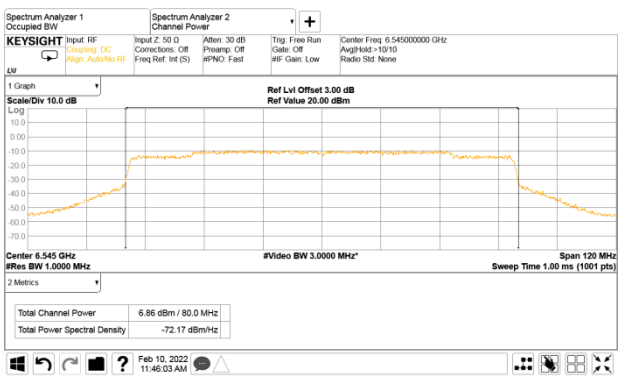
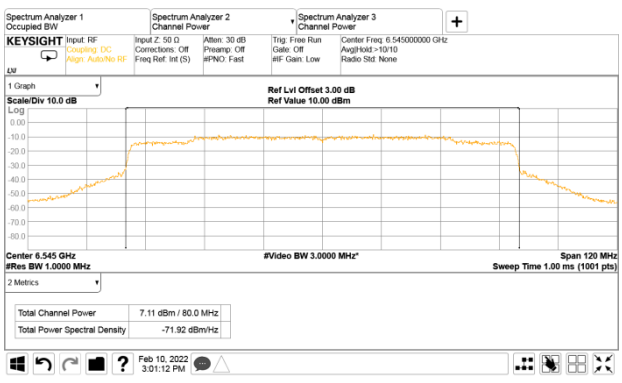
Tones: 996T	
802.11ax-HE80	
U-NII Band 6	
ANT A (AUX)	ANT B (Main)
	
	

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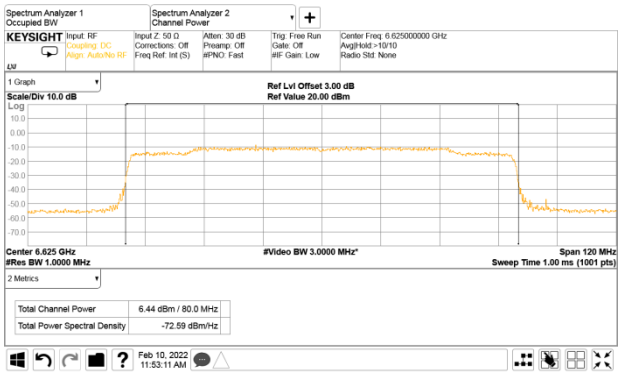
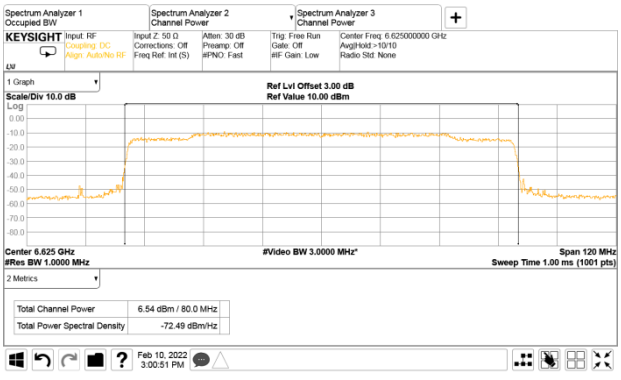
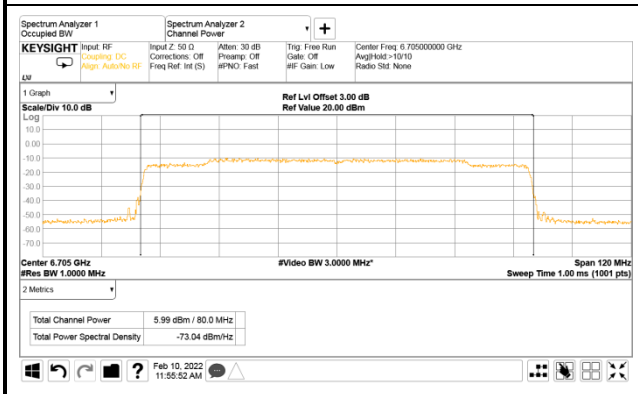
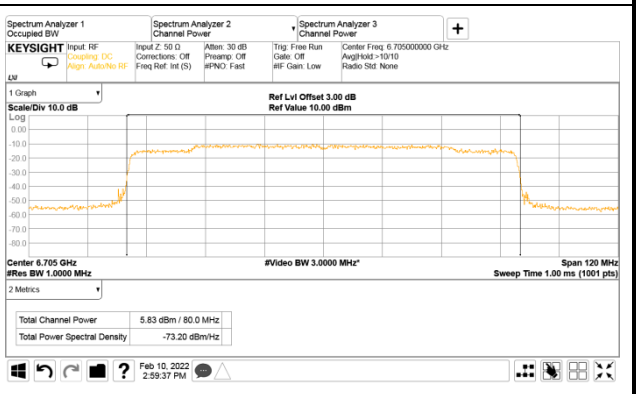
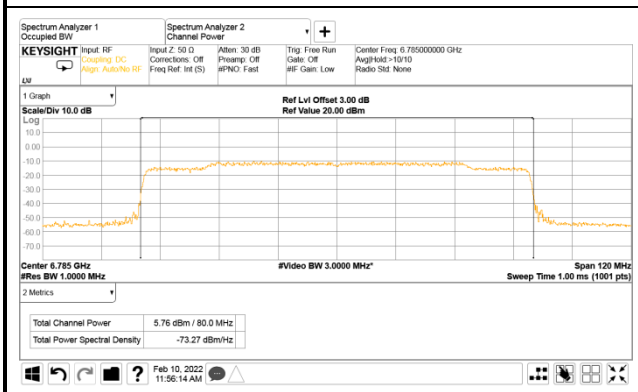
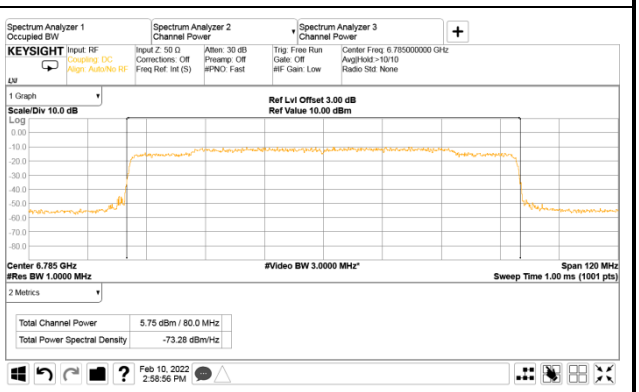
802.11ax-HE80	
U-NII Band 7	
ANT A (AUX)	ANT B (Main)
	
	
	

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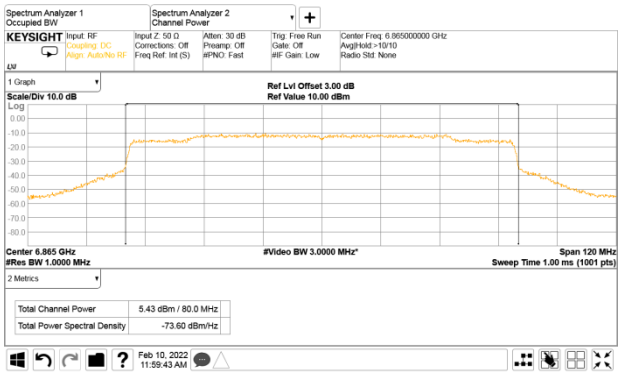
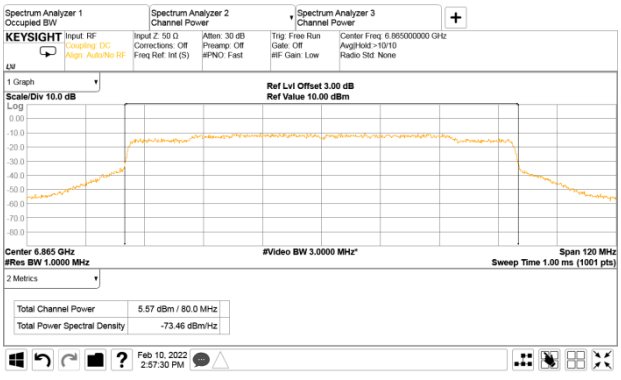
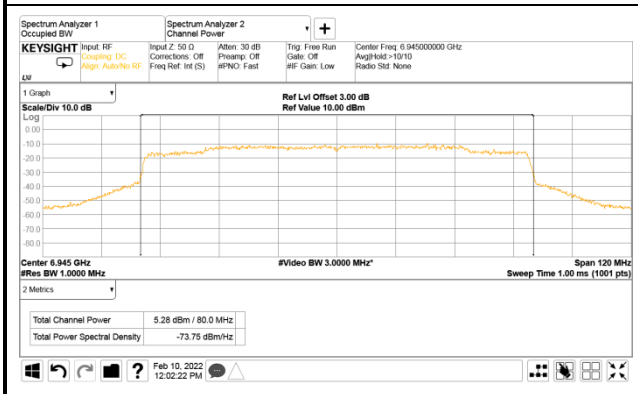
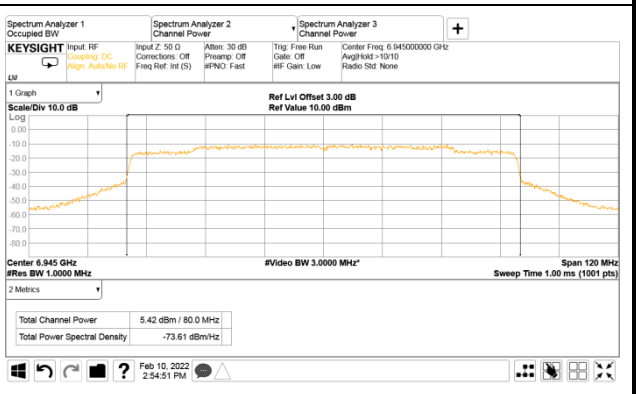
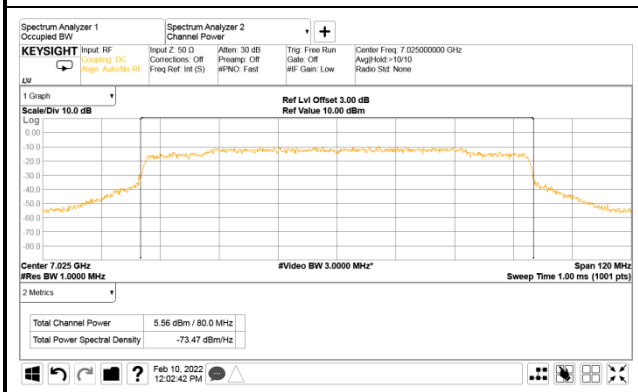
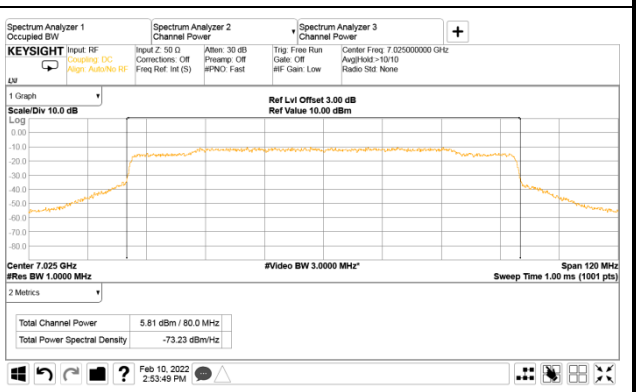
Tones: 996T	
802.11ax-HE80	
U-NII Band 8	
ANT A (AUX)	ANT B (Main)
	
	
	

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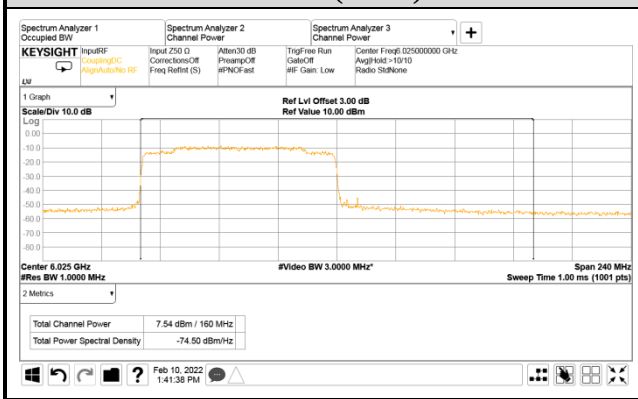
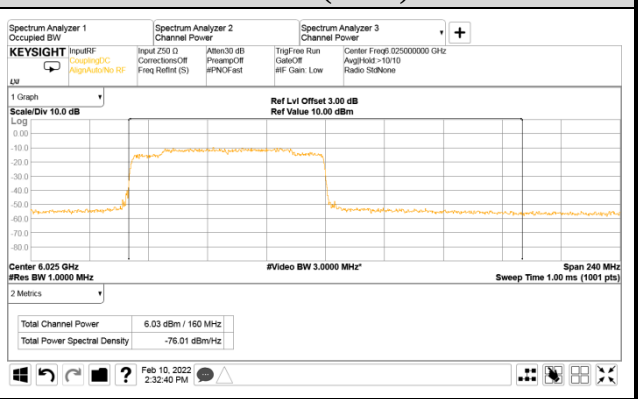
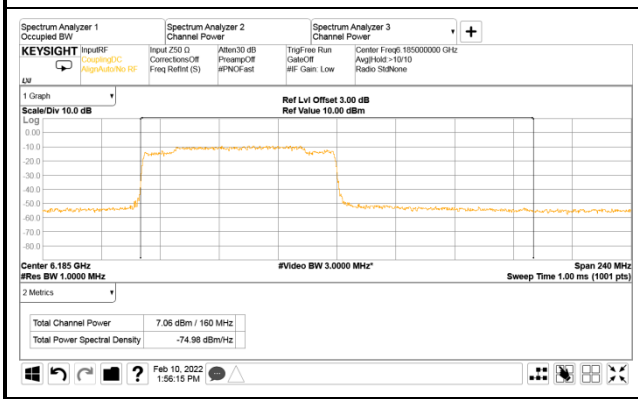
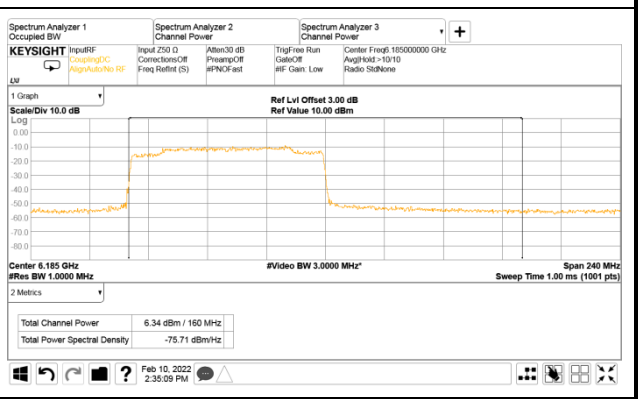
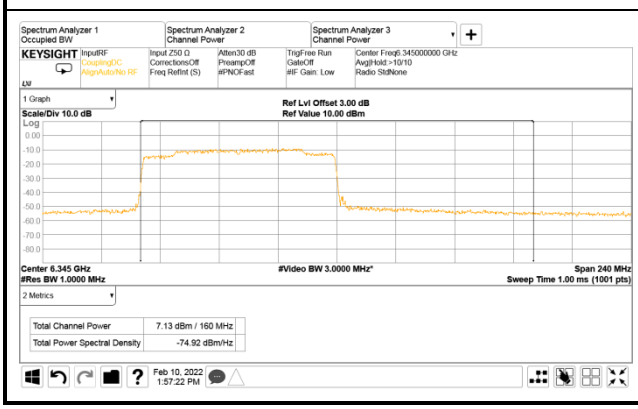
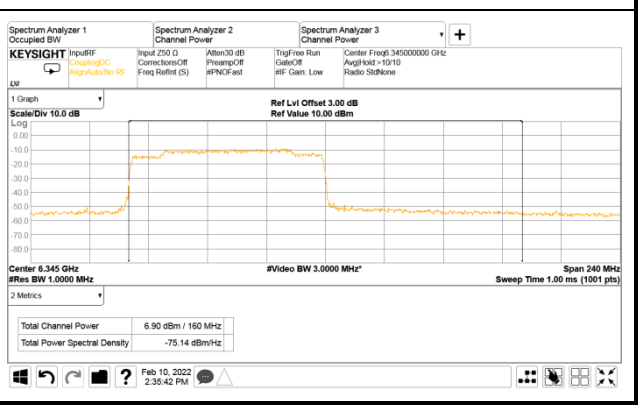
Tones: 996T	
802.11ax-HE160 (80L)	
U-NII Band 5	
ANT A (AUX)	ANT B (Main)
	
	
	

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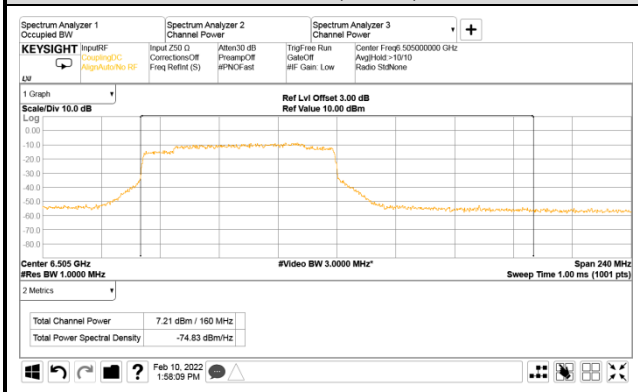
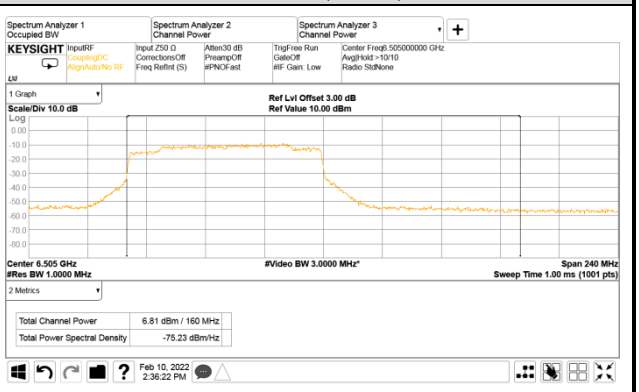
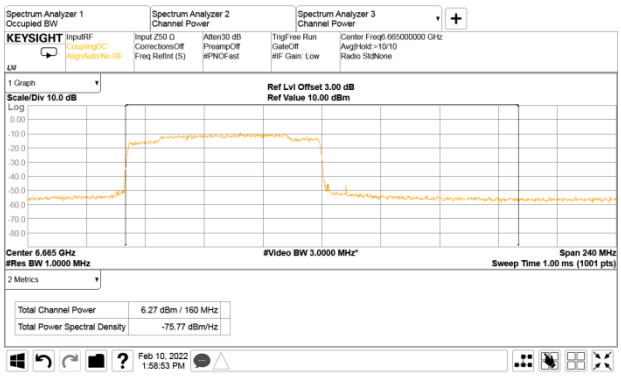
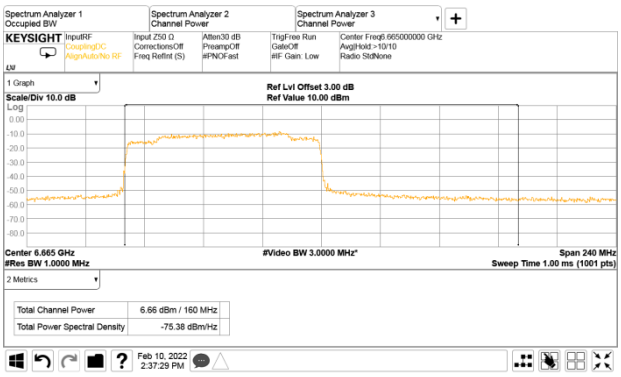
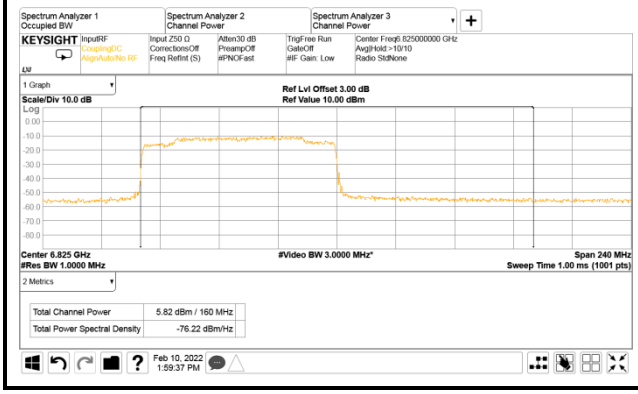
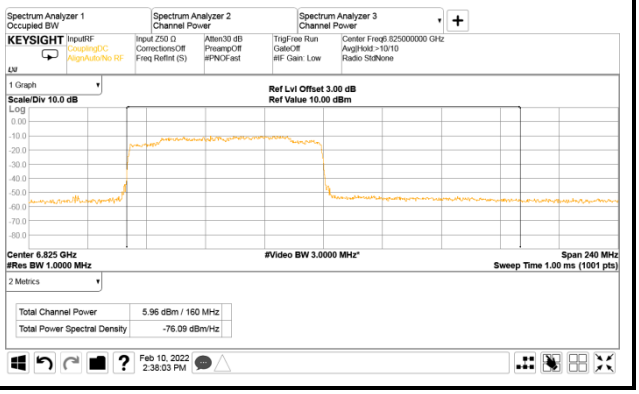
802.11ax-HE160 (80L)	
U-NII Band 6	
ANT A (AUX)	ANT B (Main)
	
U-NII Band 7	
ANT A (AUX)	ANT B (Main)
	
	

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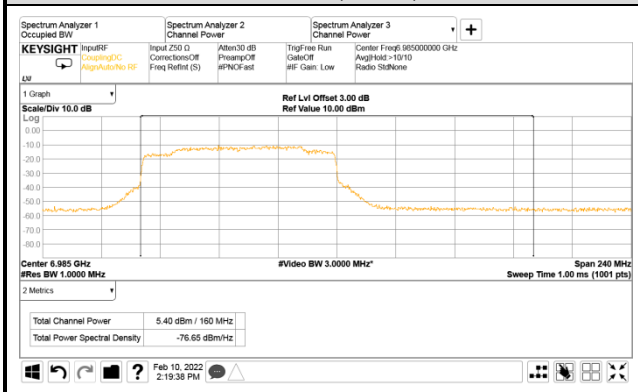
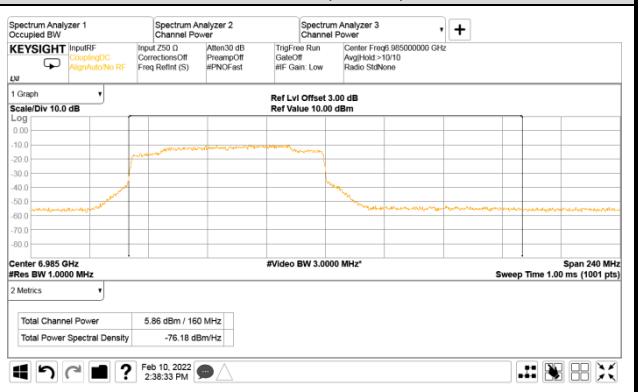
Tones: 996T	
802.11ax-HE160 (80L)	
U-NII Band 8	
ANT A (AUX)	ANT B (Main)
	

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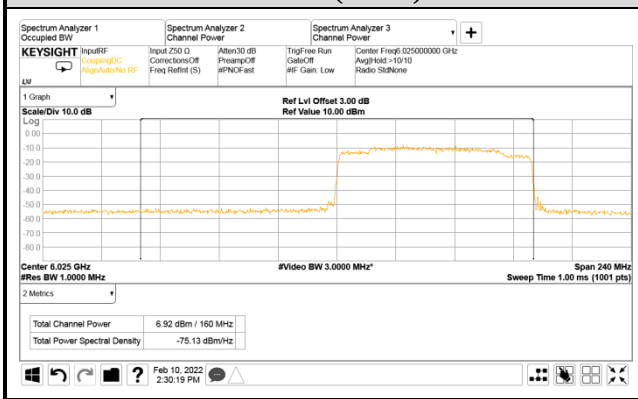
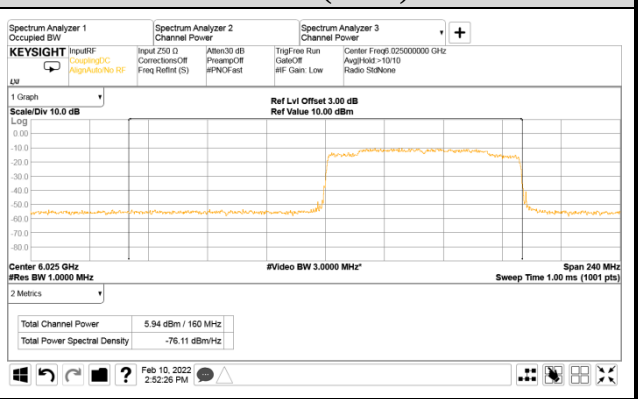
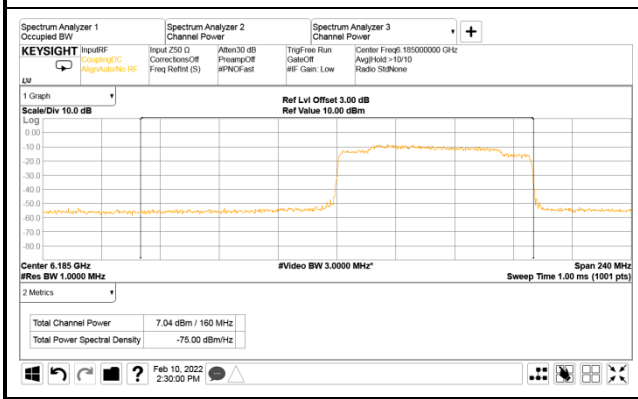
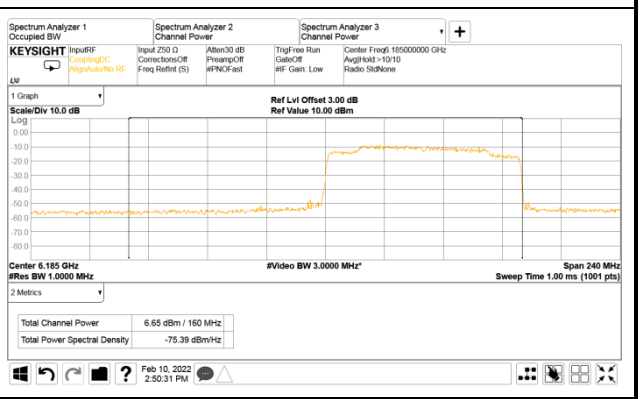
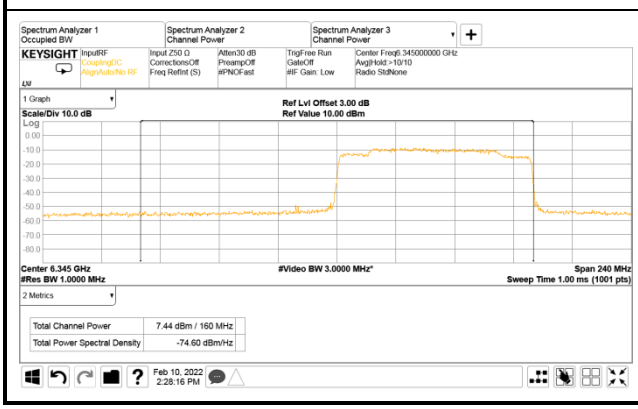
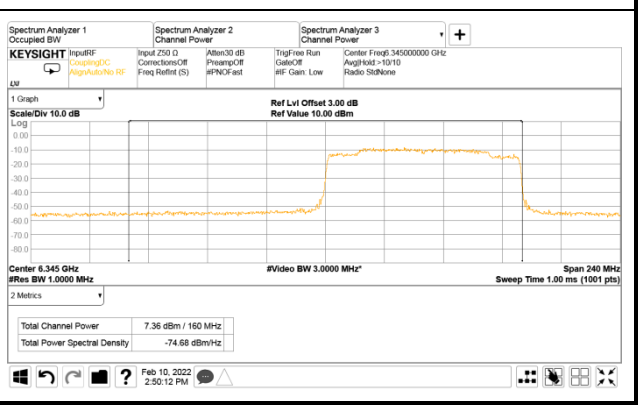
Tones: 996T	
802.11ax-HE160 (80H)	
U-NII Band 5	
ANT A (AUX)	ANT B (Main)
	
	
	

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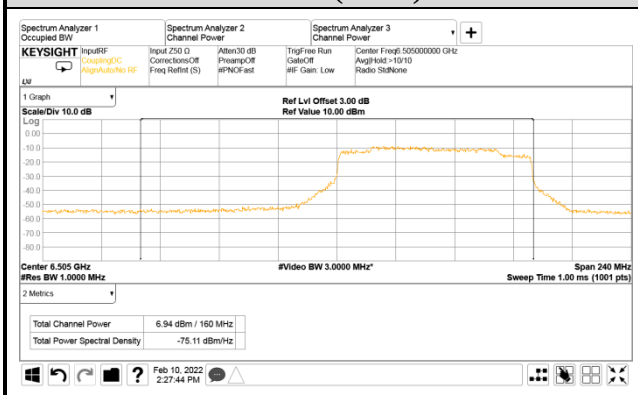
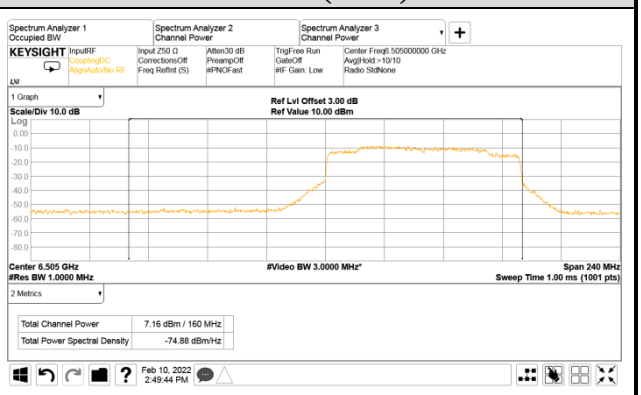
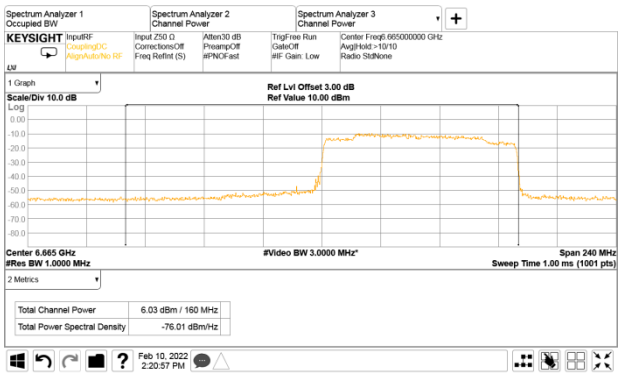
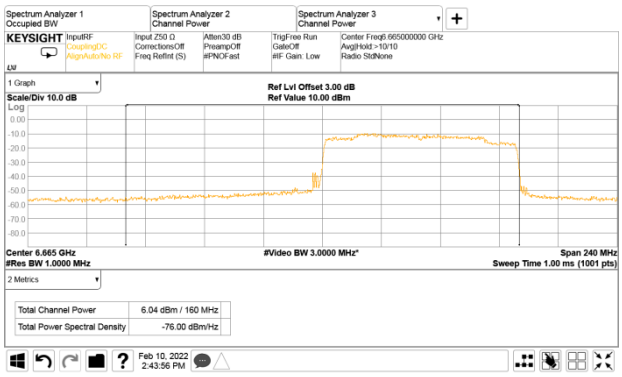
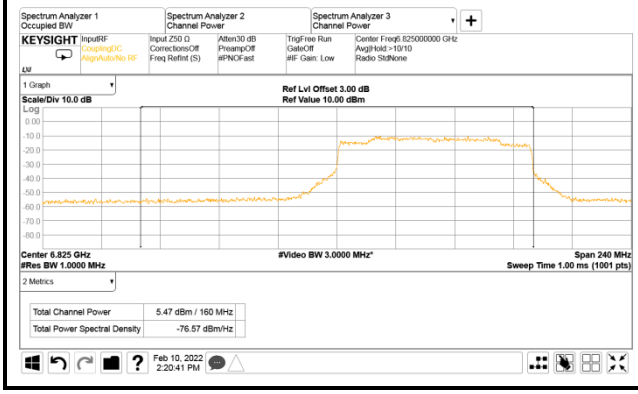
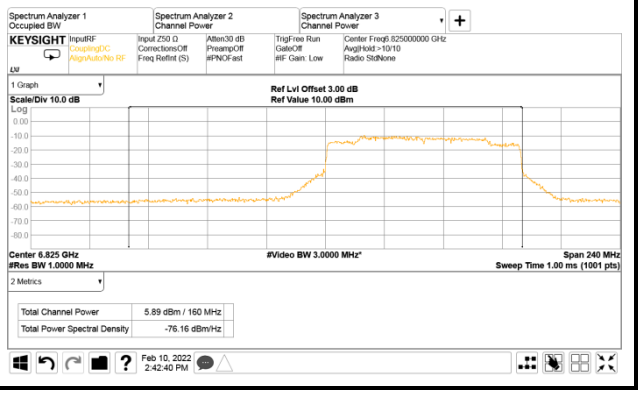
Tones: 996T	
802.11ax-HE160 (80H)	
U-NII Band 6	
ANT A (AUX)	ANT B (Main)
	
U-NII Band 7	
ANT A (AUX)	ANT B (Main)
	
	

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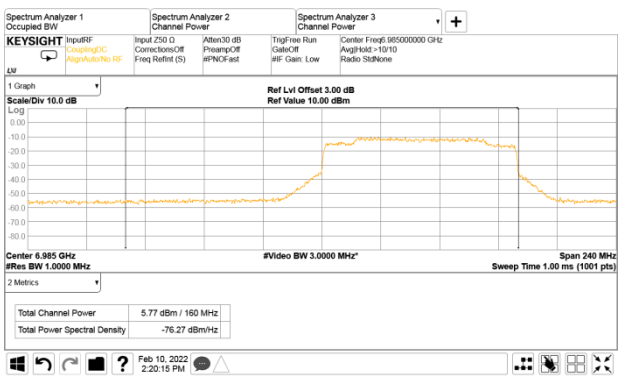
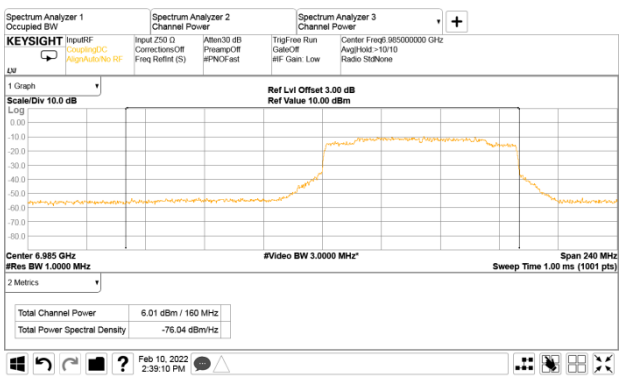
Tones: 996T	
802.11ax-HE160 (80H)	
U-NII Band 8	
ANT A (AUX)	ANT B (Main)
	

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A.5 EMISSION/OCCUPIED BANDWIDTH

Test Date	2022/02/15 ~ 03/31	Temp./Hum.	16 ~ 19℃/65%
Cable Loss	1.9dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.5.1 Occupied Bandwidth/26dB Bandwidth

- OFDM Modulation

For ANT A (AUX) Port:

Mode	U-NII Band	Centre Frequency (MHz)	Emission (26dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	5	5955	23.35	19.119	≤320MHz
		6175	22.55	19.060	
		6415	22.47	19.044	
	6	6435	22.91	19.069	
		6475	22.53	19.101	
		6515	22.41	19.094	
	7	6535	23.49	19.071	
		6695	23.16	19.057	
		6855	22.59	19.068	
	8	6875	22.68	19.081	
		6995	22.62	19.089	
		7115	22.90	19.053	
802.11ax-HE40	5	5965	41.19	37.889	≤320MHz
		6165	40.89	37.796	
		6405	42.43	37.833	
	6	6445	41.46	37.880	
		6485	41.72	37.919	
	7	6525	41.87	37.963	
		6685	42.59	37.840	
		6845	42.71	37.826	
	8	6885	42.06	37.879	
		7005	41.37	37.778	
		7085	40.09	37.882	

Note: All results have been included cable loss.

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For ANT A (AUX) Port:

Mode	U-NII Band	Centre Frequency (MHz)	Emission (26dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE80	5	5985	82.49	76.659	≤320MHz
		6145	80.71	76.784	
		6385	80.91	76.742	
	6	6465	80.95	76.672	
		6545	80.58	76.645	
	7	6625	80.32	76.876	
		6705	80.85	76.668	
		6785	81.34	76.641	
	8	6865	81.15	76.555	
		6945	80.28	76.745	
		7025	81.05	76.748	
802.11ax-HE160	5	6025	162.30	155.20	≤320MHz
		6185	161.50	154.61	
		6345	161.60	155.09	
	6	6505	161.60	154.79	
	7	6665	161.60	154.50	
		6825	161.80	154.50	
	8	6985	162.20	154.60	

Note: All results have been included cable loss.

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For ANT B (Main) Port:

Mode	U-NII Band	Centre Frequency (MHz)	Emission (26dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	5	5955	23.46	19.022	≤320MHz
		6175	23.69	19.015	
		6415	23.72	19.008	
	6	6435	23.55	19.040	
		6475	24.03	19.021	
		6515	23.47	19.031	
	7	6535	23.55	19.020	
		6695	23.60	19.021	
		6855	23.36	18.997	
	8	6875	23.20	19.003	
		6995	23.57	19.003	
		7115	23.20	18.997	
802.11ax-HE40	5	5965	44.74	37.843	≤320MHz
		6165	43.71	37.838	
		6405	44.86	37.815	
	6	6445	44.26	37.827	
		6485	44.14	37.838	
	7	6525	44.56	37.890	
		6685	43.89	37.811	
		6845	43.25	37.834	
	8	6885	44.76	37.834	
		7005	43.29	37.886	
		7085	43.71	37.868	

Note: All results have been included cable loss.

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For ANT B (Main) Port:

Mode	U-NII Band	Centre Frequency (MHz)	Emission (26dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE80	5	5985	82.27	76.603	≤320MHz
		6145	82.89	76.689	
		6385	81.17	76.601	
	6	6465	81.23	76.449	
		6545	81.34	76.766	
	7	6625	81.29	76.631	
		6705	81.18	76.662	
		6785	81.31	76.651	
	8	6865	82.27	76.427	
		6945	81.22	76.717	
		7025	81.41	76.689	
802.11ax-HE160	5	6025	161.6	154.35	≤320MHz
		6185	161.9	154.36	
		6345	162.0	154.14	
	6	6505	161.9	154.12	
	7	6665	161.9	154.49	
		6825	161.9	154.57	
	8	6985	162.0	154.12	

Note: All results have been included cable loss.

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