

Report No.: WSCT-ANAB-R&E250600047A-Wi-Fi2

7.6 MAXIMUM CONDUCTED OUTPUT POWER

Product	: EUT-Sample	Test Mode	: See section 3.4
Test Item	: Maximum Conducted Output Power	Temperature	: 25 °C
Test Voltage	: DC 11.55V	Humidity	: 56%RH
Test Result	: PASS		

Ant1

Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
a	5180	10.19	2.6	12.79	24	Pass
a	5240	10.13	2.6	12.73	24	Pass
a	5260	9.93	2.77	12.7	24	Pass
a	5320	10.54	2.6	13.14	24	Pass
a	5500	10.02	2.6	12.62	24	Pass
a	5700	10.24	2.6	12.84	24	Pass
a	5745	3.27	2.6	5.87	30	Pass
a	5825	3.2	2.59	5.79	30	Pass
n20	5180	10.46	2.71	13.17	24	Pass
n20	5240	10.17	2.71	12.88	24	Pass
n20	5260	10.08	2.71	12.79	24	Pass
n20	5320	9.93	2.71	12.64	24	Pass
n20	5500	10.43	2.71	13.14	24	Pass
n20	5700	10.8	2.01	12.81	24	Pass
n20	5745	3.11	2.71	5.82	30	Pass
n20	5825	2.91	2.71	5.62	30	Pass
n40	5190	8.51	6.52	15.03	24	Pass
n40	5230	8.72	6.52	15.24	24	Pass
n40	5270	8.76	6.52	15.28	24	Pass
n40	5310	15.08	0	15.08	24	Pass
n40	5510	15.53	0	15.53	24	Pass
n40	5670	9.69	4.77	14.46	24	Pass
n40	5755	5.97	0	5.97	30	Pass
n40	5795	5.61	0	5.61	30	Pass
ac20	5180	10.63	3.84	14.47	24	Pass
ac20	5240	11.46	3.84	15.3	24	Pass
ac20	5260	10.95	3.84	14.79	24	Pass
ac20	5320	9.1	6.02	15.12	24	Pass
ac20	5500	10.86	3.92	14.78	24	Pass
ac20	5700	11.25	3.84	15.09	24	Pass
ac20	5745	0.99	3.82	4.81	30	Pass
ac20	5825	1.52	3.82	5.34	30	Pass
ac40	5190	8.1	6.99	15.09	24	Pass
ac40	5230	8.29	6.53	14.82	24	Pass
ac40	5270	9.92	4.77	14.69	24	Pass
ac40	5310	8.42	6.99	15.41	24	Pass
ac40	5510	3.11	12.04	15.15	24	Pass
ac40	5670	13.1	1.65	14.75	24	Pass
ac40	5755	5.74	0	5.74	30	Pass
ac40	5795	5.64	0	5.64	30	Pass
ac80	5210	8.58	6.53	15.11	24	Pass
ac80	5290	7.24	7.42	14.66	24	Pass
ac80	5530	2.77	12.55	15.32	24	Pass
ac80	5610	7.18	8.45	15.63	24	Pass
ac80	5775	5.13	0	5.13	30	Pass
ax20	5180	9.53	4.03	13.56	24	Pass
ax20	5240	9.48	4.03	13.51	24	Pass
ax20	5260	9.33	4.04	13.37	24	Pass
ax20	5320	13.54	0	13.54	24	Pass
ax20	5500	9.64	4.11	13.75	24	Pass
ax20	5700	9.56	4.11	13.67	24	Pass
ax20	5745	1.17	4.02	5.19	30	Pass
ax20	5825	1.79	4.02	5.81	30	Pass
ax40	5190	15.2	0	15.2	24	Pass

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ax40	5230	15.21	0	15.21	24	Pass
ax40	5270	14.87	0	14.87	24	Pass
ax40	5310	15.28	0	15.28	24	Pass
ax40	5510	15.53	0	15.53	24	Pass
ax40	5670	15.42	0	15.42	24	Pass
ax40	5755	5.47	0	5.47	30	Pass
ax40	5795	5.67	0	5.67	30	Pass
ax80	5210	10.91	3.98	14.89	24	Pass
ax80	5290	11.62	3.48	15.1	24	Pass
ax80	5530	14.97	0	14.97	24	Pass
ax80	5610	14.83	0	14.83	24	Pass
ax80	5775	5.38	0	5.38	30	Pass
ax160	5250	14.79	0.2	14.99	24	Pass
ax160	5570	14.76	0	14.76	24	Pass

Ant2

Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
a	5180	13.2	2.4	15.6	24	Pass
a	5240	12.95	2.4	15.35	24	Pass
a	5260	12.92	2.53	15.45	24	Pass
a	5320	13.31	2.7	16.01	24	Pass
a	5500	12.8	2.7	15.5	24	Pass
a	5700	13.37	2.7	16.07	24	Pass
a	5745	4.98	2.3	7.28	30	Pass
a	5825	4.85	2.24	7.09	30	Pass
n20	5180	12.99	2.4	15.39	24	Pass
n20	5240	13.09	2.4	15.49	24	Pass
n20	5260	12.84	1.8	14.64	24	Pass
n20	5320	12.73	1.8	14.53	24	Pass
n20	5500	13.15	1.8	14.95	24	Pass
n20	5700	12.78	1.5	14.28	24	Pass
n20	5745	5.64	0.25	5.89	30	Pass
n20	5825	5.25	0.26	5.51	30	Pass
n40	5190	14.76	1.52	16.28	24	Pass
n40	5230	14.92	1.52	16.44	24	Pass
n40	5270	15.21	1.52	16.73	24	Pass
n40	5310	14.84	0	14.84	24	Pass
n40	5510	15.19	0	15.19	24	Pass
n40	5670	14.74	0.77	15.51	24	Pass
n40	5755	5.42	0	5.42	30	Pass
n40	5795	5.37	0	5.37	30	Pass
ac20	5180	15.27	0.66	15.93	24	Pass
ac20	5240	14.69	0.66	15.35	24	Pass
ac20	5260	15.34	0.66	16	24	Pass
ac20	5320	14.79	0.66	15.45	24	Pass
ac20	5500	15.2	0.66	15.86	24	Pass
ac20	5700	15.17	2.0	17.17	24	Pass
ac20	5745	5.49	2.0	7.49	30	Pass
ac20	5825	5.68	2.0	7.68	30	Pass
ac40	5190	14.85	0.92	15.77	24	Pass
ac40	5230	14.87	0.88	15.75	24	Pass
ac40	5270	14.89	1.08	15.97	24	Pass
ac40	5310	15.16	2.04	17.2	24	Pass
ac40	5510	15.31	1.54	16.85	24	Pass
ac40	5670	14.99	1.54	16.53	24	Pass
ac40	5755	5.64	0	5.64	30	Pass
ac40	5795	5.42	0	5.42	30	Pass
ac80	5210	14.7	1.34	16.04	24	Pass
ac80	5290	14.36	2.04	16.4	24	Pass
ac80	5530	14.5	1.77	16.27	24	Pass
ac80	5610	15.49	2.64	18.13	24	Pass
ac80	5775	5.59	0	5.59	30	Pass
ax20	5180	13.31	2.44	15.75	24	Pass
ax20	5240	13.3	2.67	15.97	24	Pass
ax20	5260	13.52	0.42	13.94	24	Pass
ax20	5320	13.3	0	13.3	24	Pass
ax20	5500	13.1	1.92	15.02	24	Pass
ax20	5700	13.57	1.92	15.49	24	Pass
ax20	5745	5.81	1.92	7.73	30	Pass
ax20	5825	5.45	1.08	6.53	30	Pass

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ax40	5190	15.4	0	15.4	24	Pass
ax40	5230	14.74	0	14.74	24	Pass
ax40	5270	15.52	0	15.52	24	Pass
ax40	5310	15.23	0	15.23	24	Pass
ax40	5510	14.8	0	14.8	24	Pass
ax40	5670	14.95	0	14.95	24	Pass
ax40	5755	4.7	0.5	5.2	30	Pass
ax40	5795	5.06	0.5	5.56	30	Pass
ax80	5210	15.37	1.45	16.82	24	Pass
ax80	5290	14.88	1.45	16.33	24	Pass
ax80	5530	14.88	0	14.88	24	Pass
ax80	5610	15.29	0	15.29	24	Pass
ax80	5775	5.37	0	5.37	30	Pass
ax160	5250	15.45	0.14	15.59	24	Pass
ax160	5570	15.09	0	15.09	24	Pass

MiMO Mode

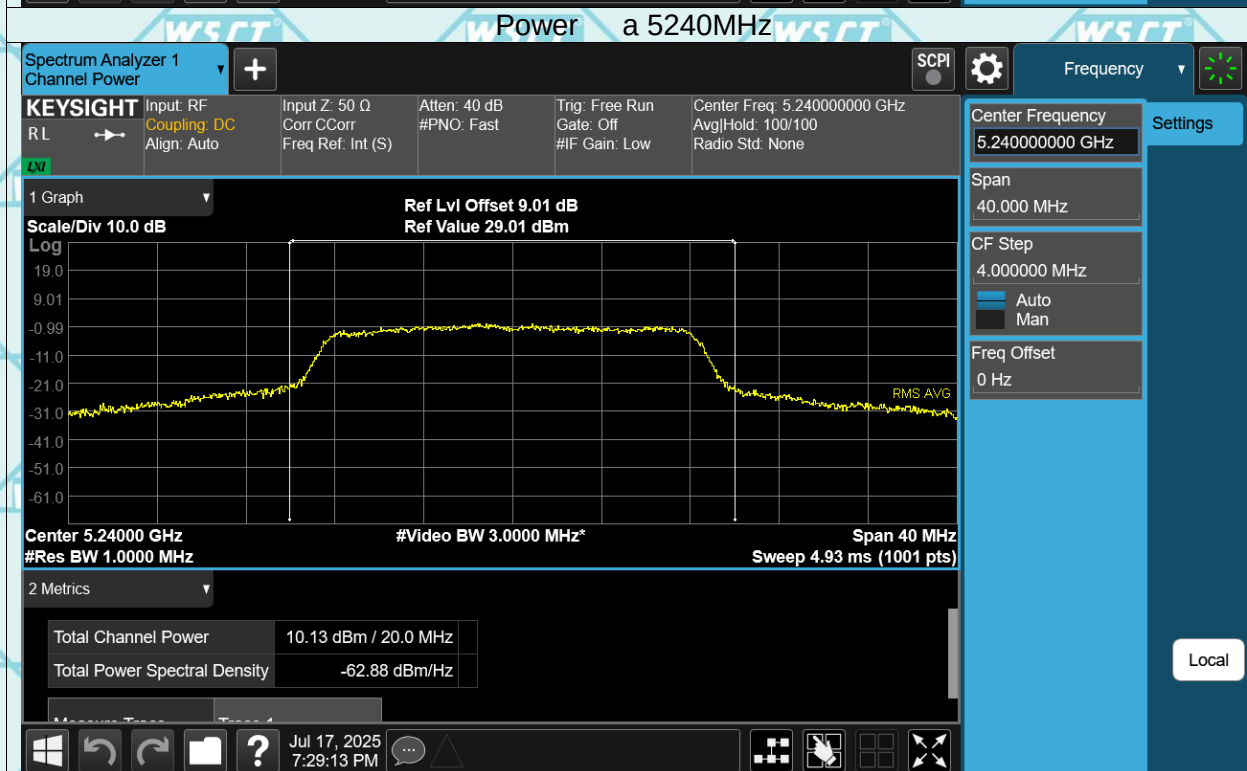
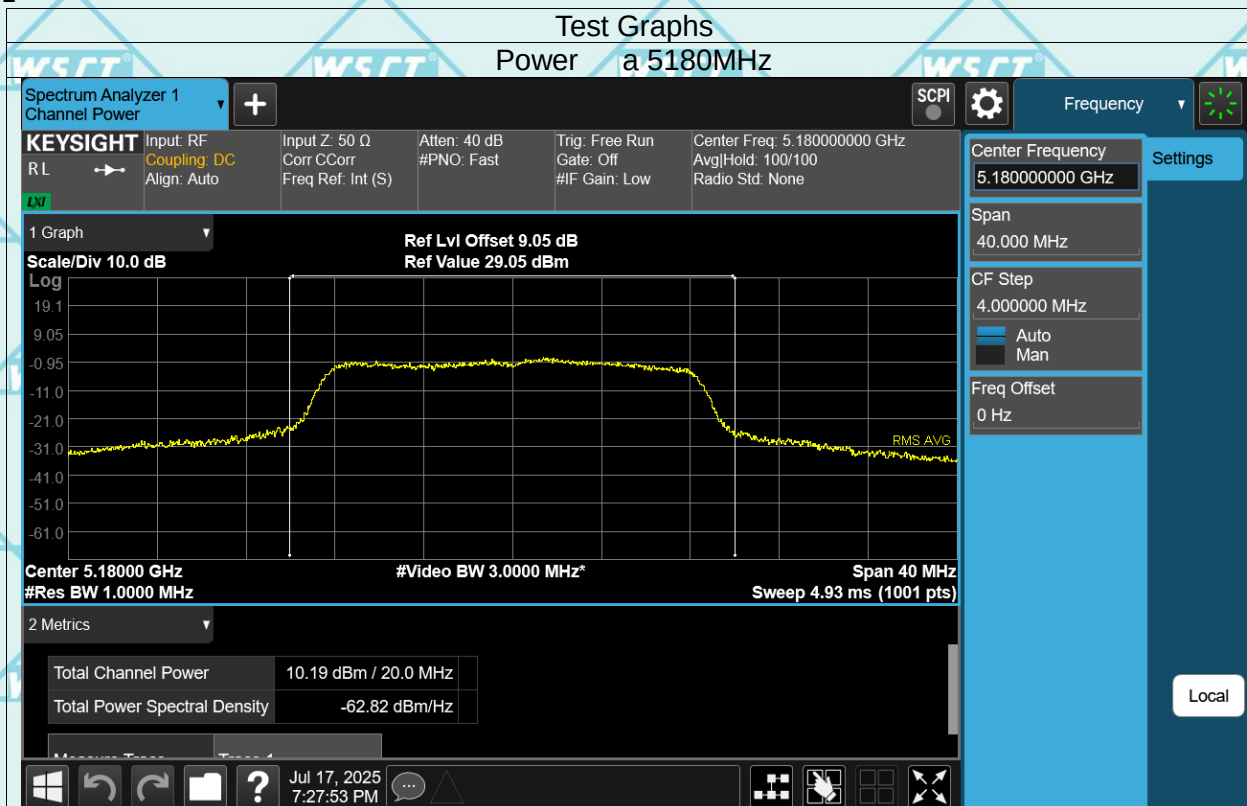
Mode	Frequency (MHz)	Total Power (dBm)	Limit (dBm)	Verdict
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n20	5240	17.39	24	Pass
n20	5260	16.82	24	Pass
n20	5320	16.70	24	Pass
n20	5500	17.15	24	Pass
n20	5700	16.62	24	Pass
n20	5745	8.87	30	Pass
n20	5825	8.58	30	Pass
n40	5190	18.71	24	Pass
n40	5230	18.89	24	Pass
n40	5270	19.08	24	Pass
n40	5310	17.97	24	Pass
n40	5510	18.37	24	Pass
n40	5670	18.03	24	Pass
n40	5755	8.71	30	Pass
n40	5795	8.50	30	Pass
ac20	5180	18.27	24	Pass
ac20	5240	18.34	24	Pass
ac20	5260	18.45	24	Pass
ac20	5320	18.30	24	Pass
ac20	5500	18.36	24	Pass
ac20	5700	19.26	24	Pass
ac20	5745	9.36	30	Pass
ac20	5825	9.68	30	Pass
ac40	5190	18.45	24	Pass
ac40	5230	18.32	24	Pass
ac40	5270	18.39	24	Pass
ac40	5310	19.41	24	Pass
ac40	5510	19.09	24	Pass
ac40	5670	18.74	24	Pass
ac40	5755	8.70	30	Pass
ac40	5795	8.54	30	Pass
ac80	5210	18.61	24	Pass
ac80	5290	18.63	24	Pass
ac80	5530	18.83	24	Pass
ac80	5610	20.07	24	Pass
ac80	5775	8.38	30	Pass
ax20	5180	17.80	24	Pass
ax20	5240	17.92	24	Pass
ax20	5260	16.67	24	Pass
ax20	5320	16.43	24	Pass
ax20	5500	17.44	24	Pass
ax20	5700	17.68	24	Pass
ax20	5745	9.65	30	Pass
ax20	5825	9.20	30	Pass
ax40	5190	18.31	24	Pass
ax40	5230	17.99	24	Pass
ax40	5270	18.22	24	Pass
ax40	5310	18.27	24	Pass
ax40	5510	18.19	24	Pass
ax40	5670	18.20	24	Pass
ax40	5755	8.35	30	Pass
ax40	5795	8.63	30	Pass
ax80	5210	18.97	24	Pass

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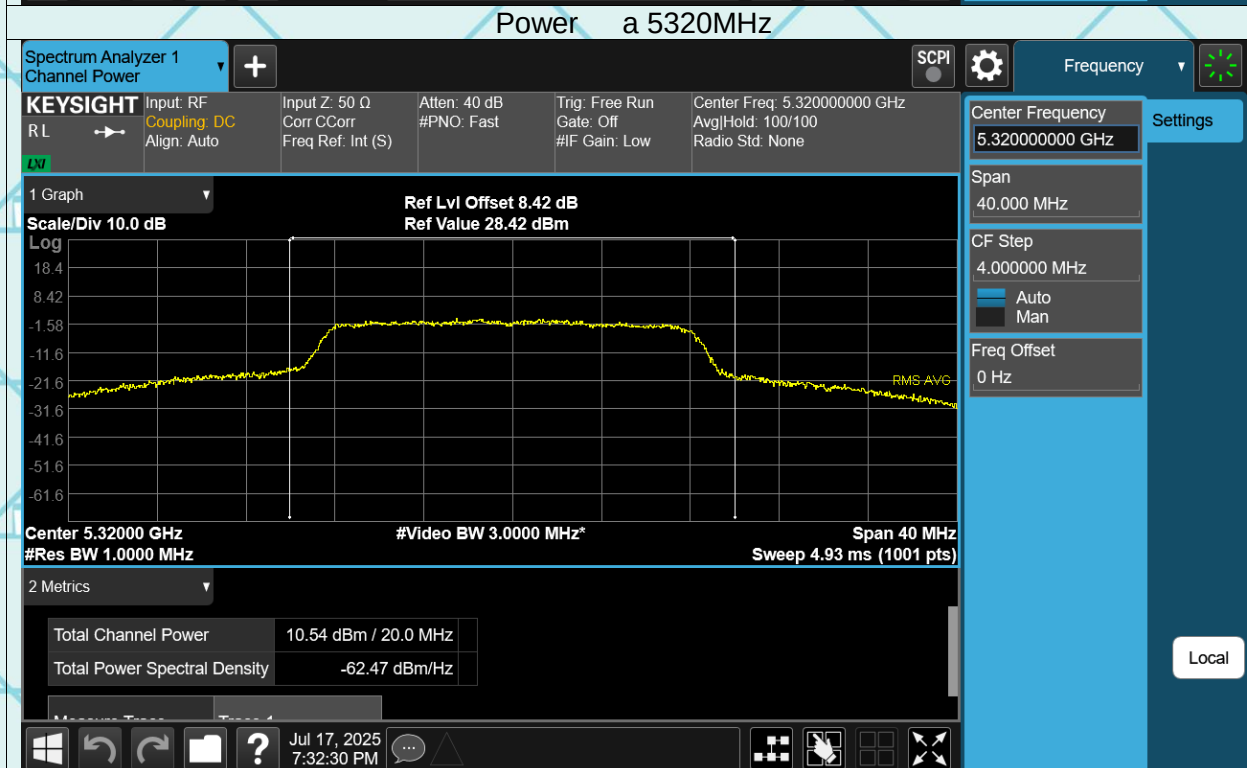
ax80	5290	18.77	24	Pass
ax80	5530	17.94	24	Pass
ax80	5610	18.08	24	Pass
ax80	5775	18.39	30	Pass
ax160	5250	18.31	24	Pass
ax160	5570	17.94	24	Pass

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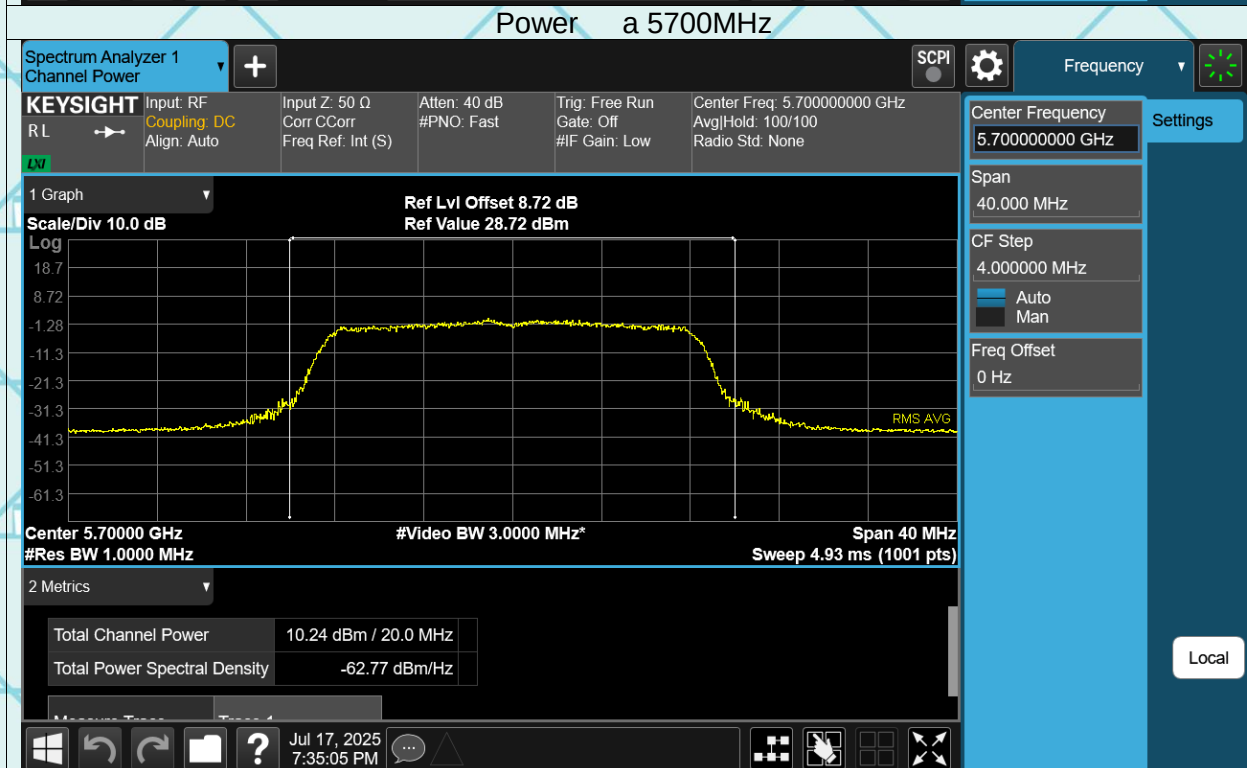
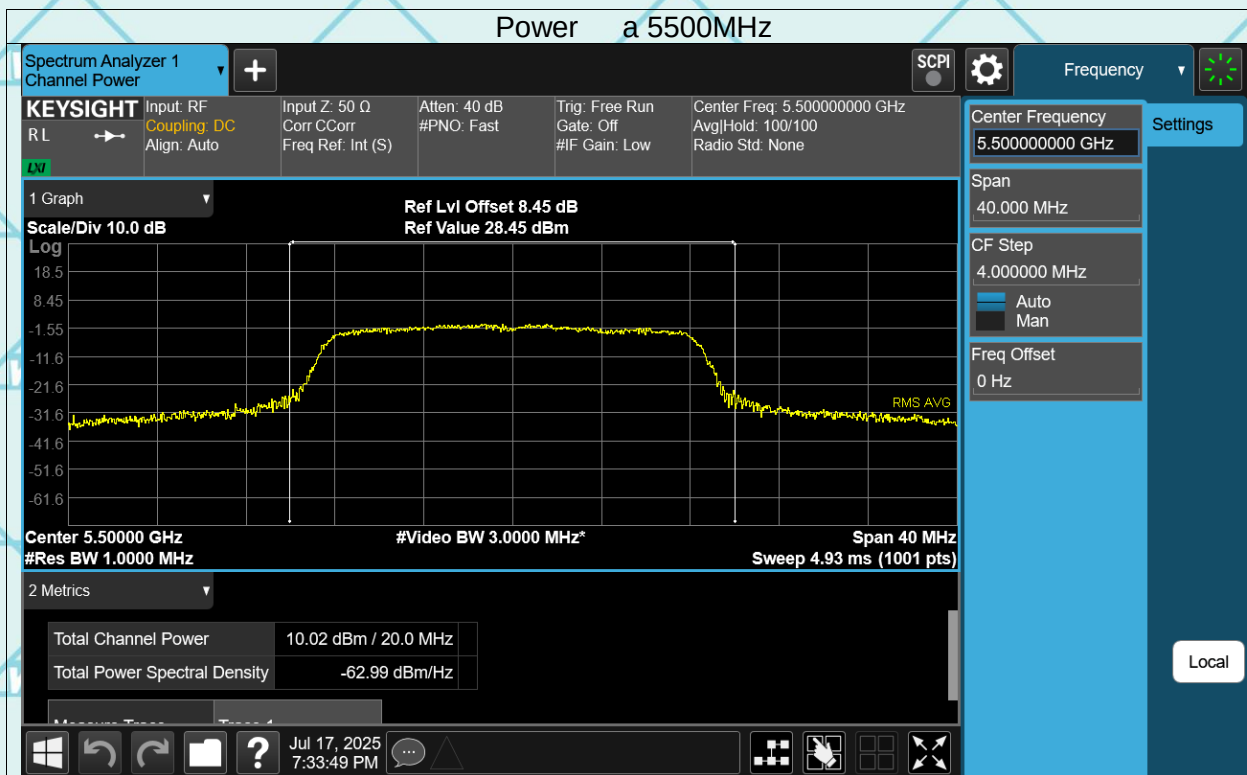
ANT1



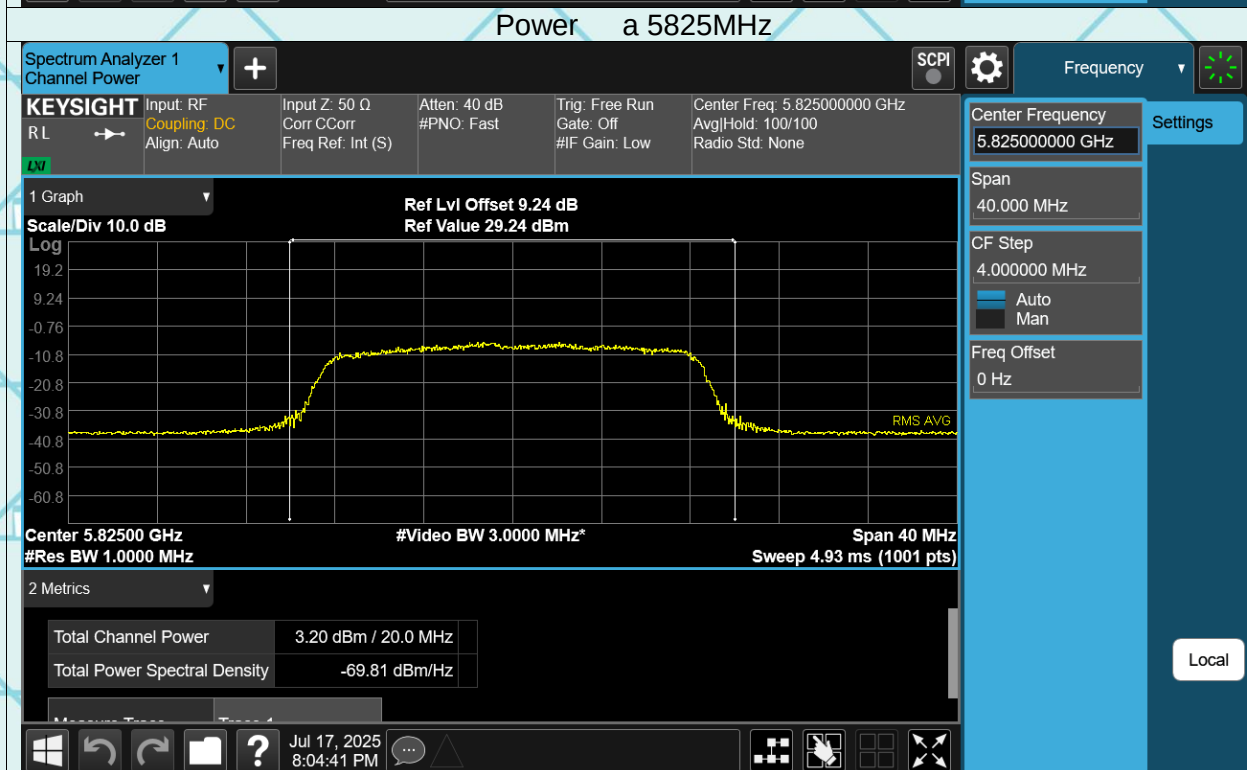
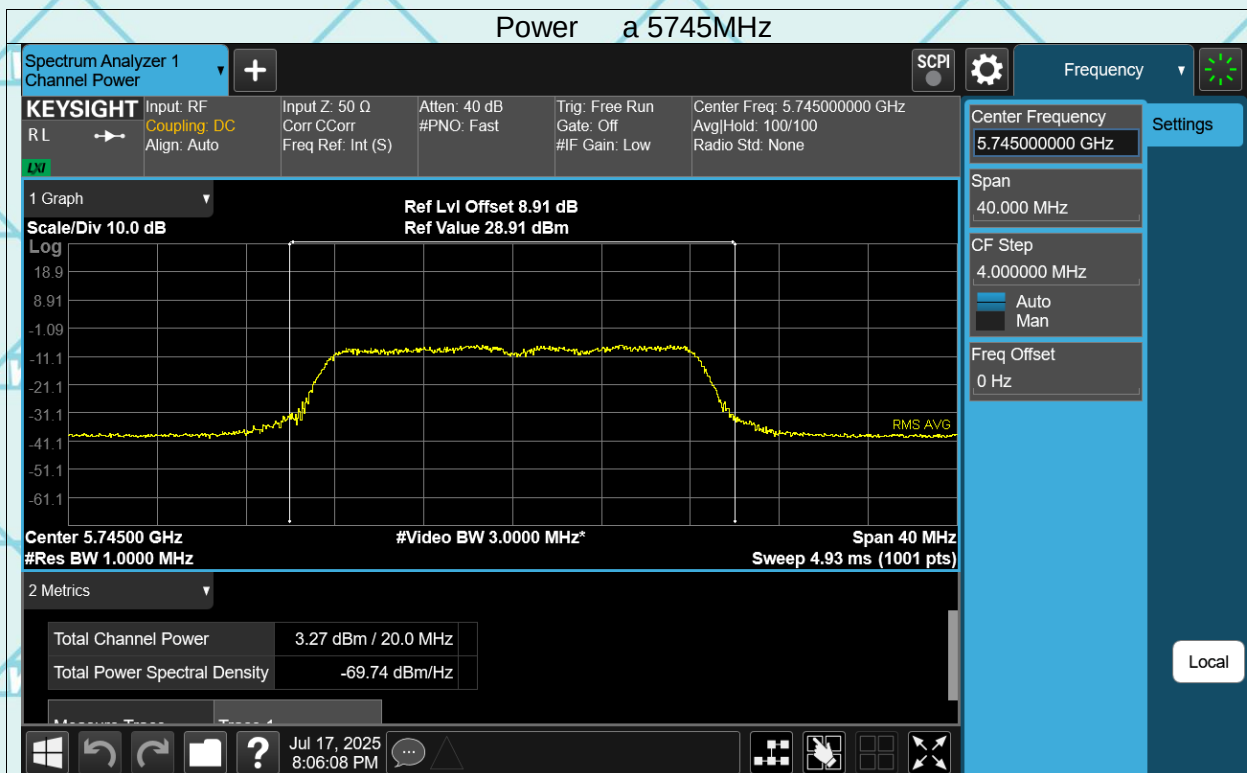
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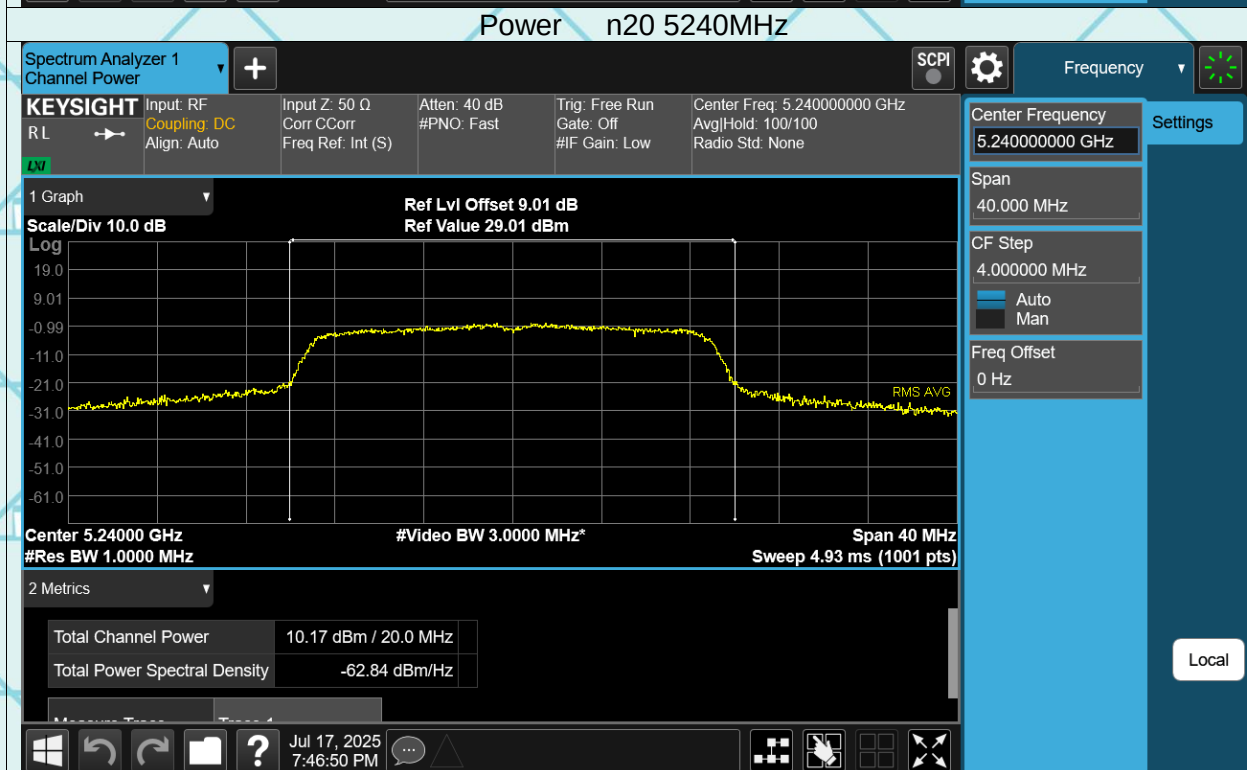
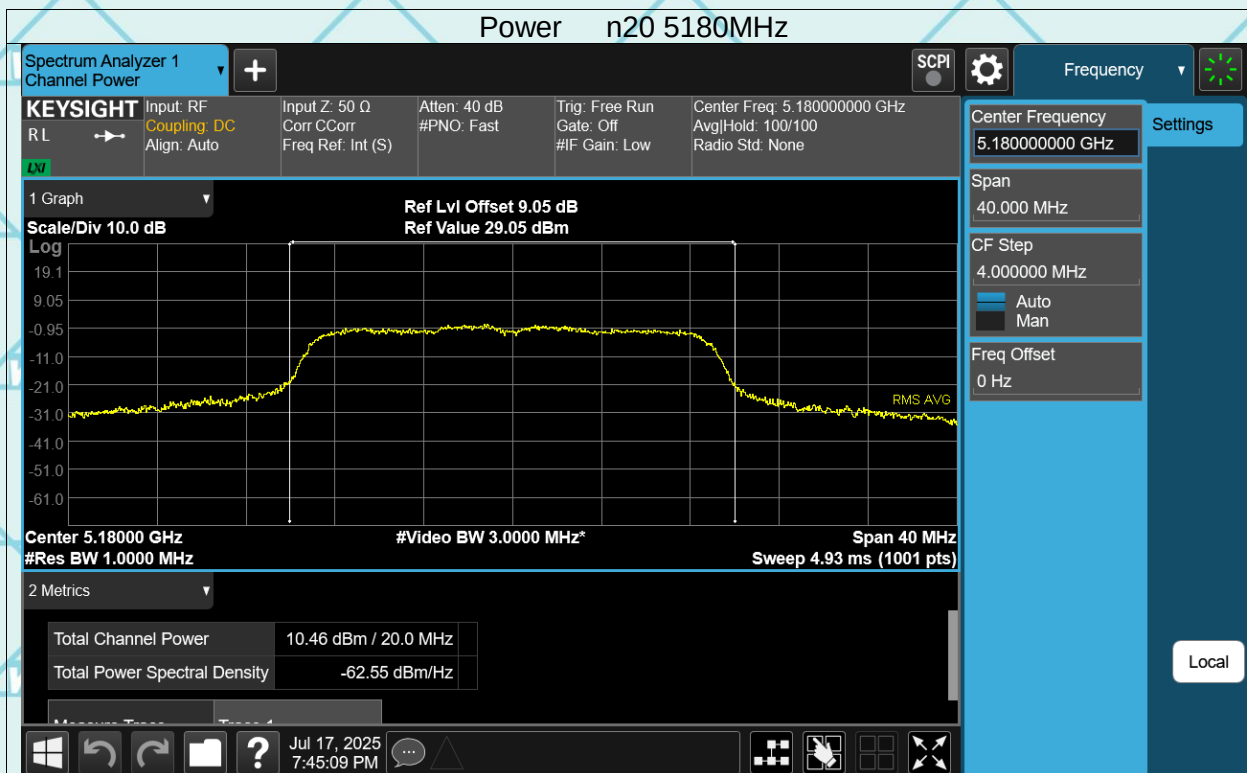
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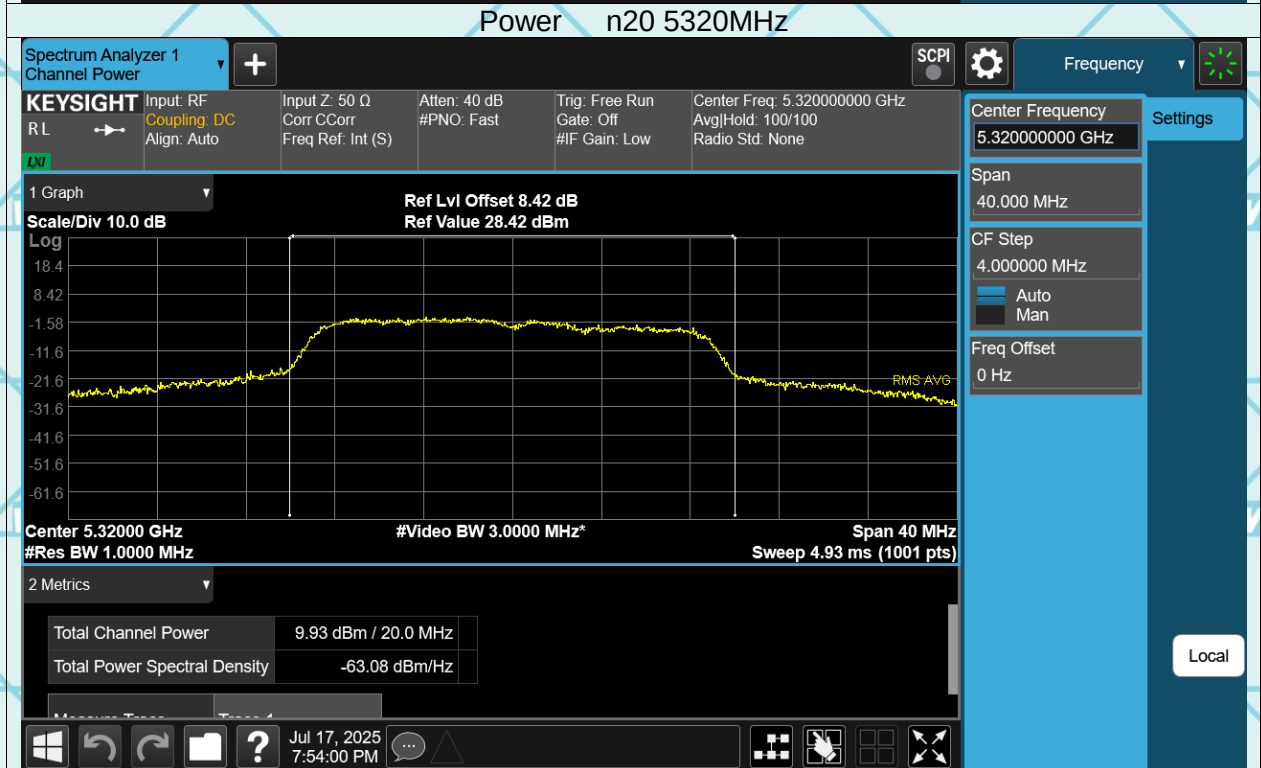
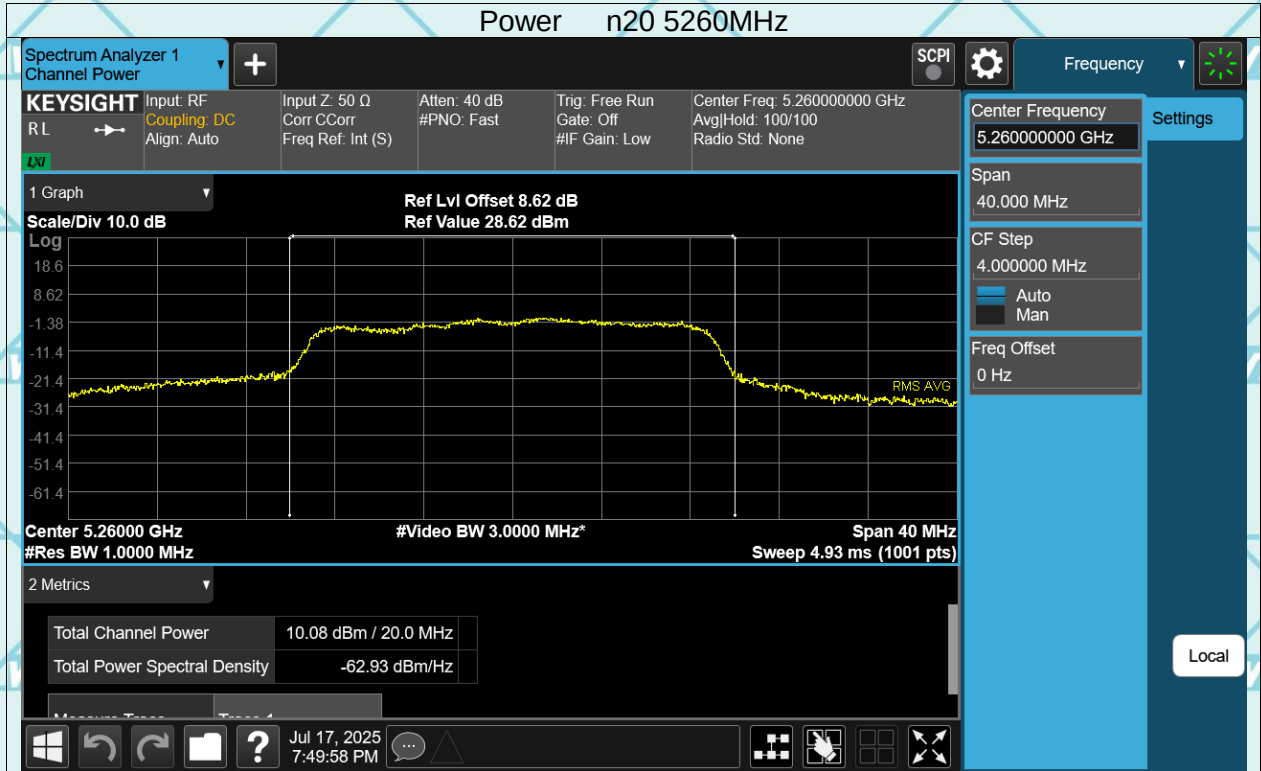
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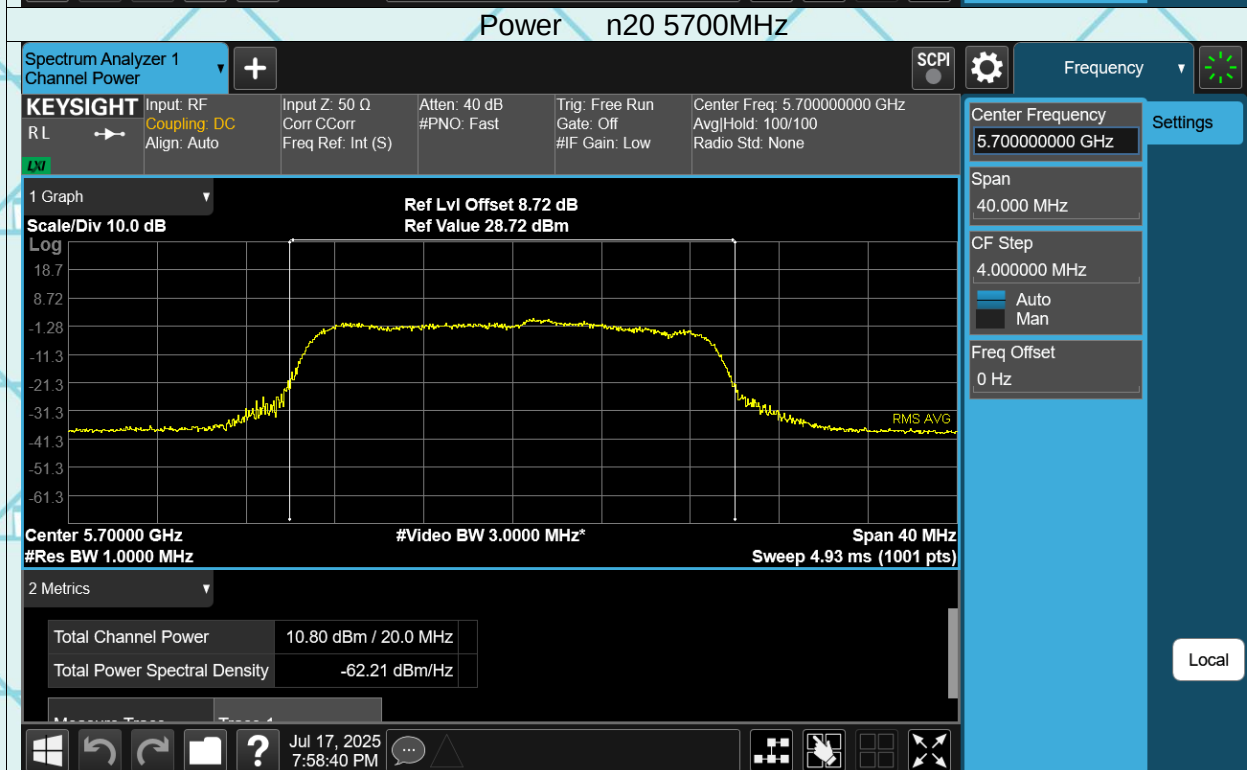
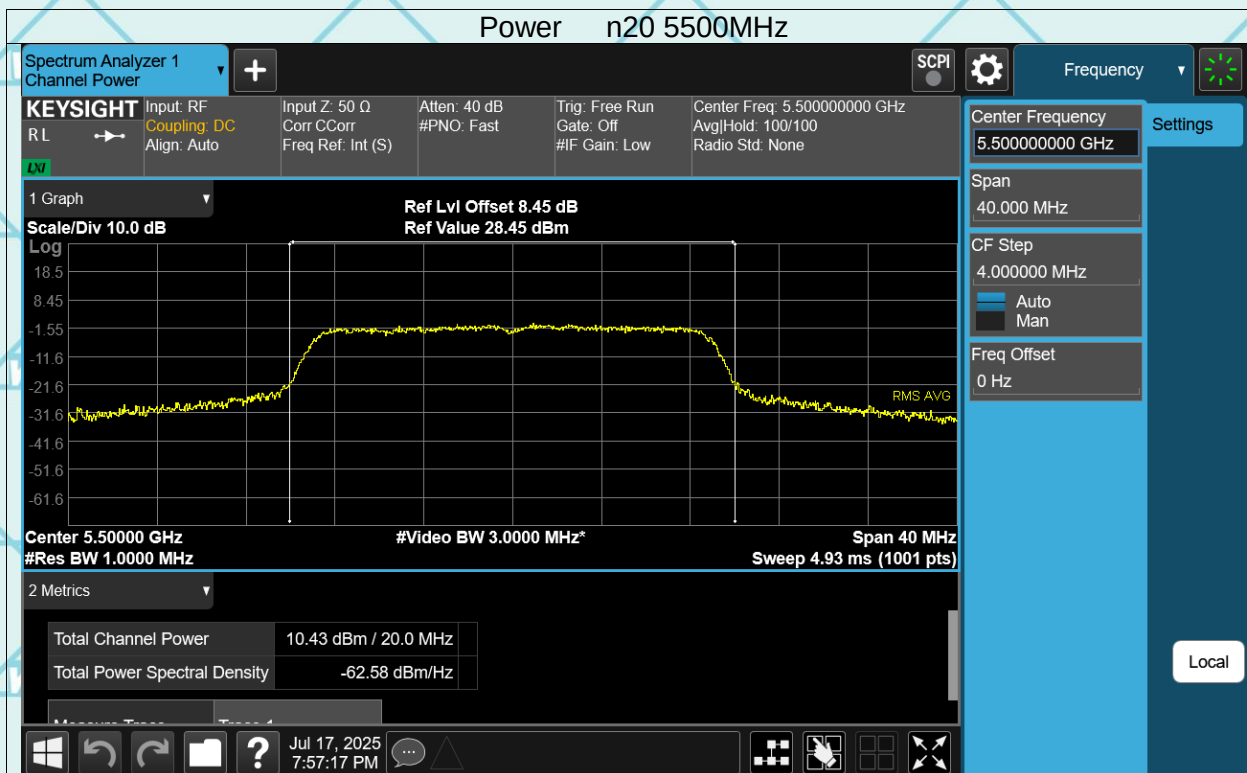
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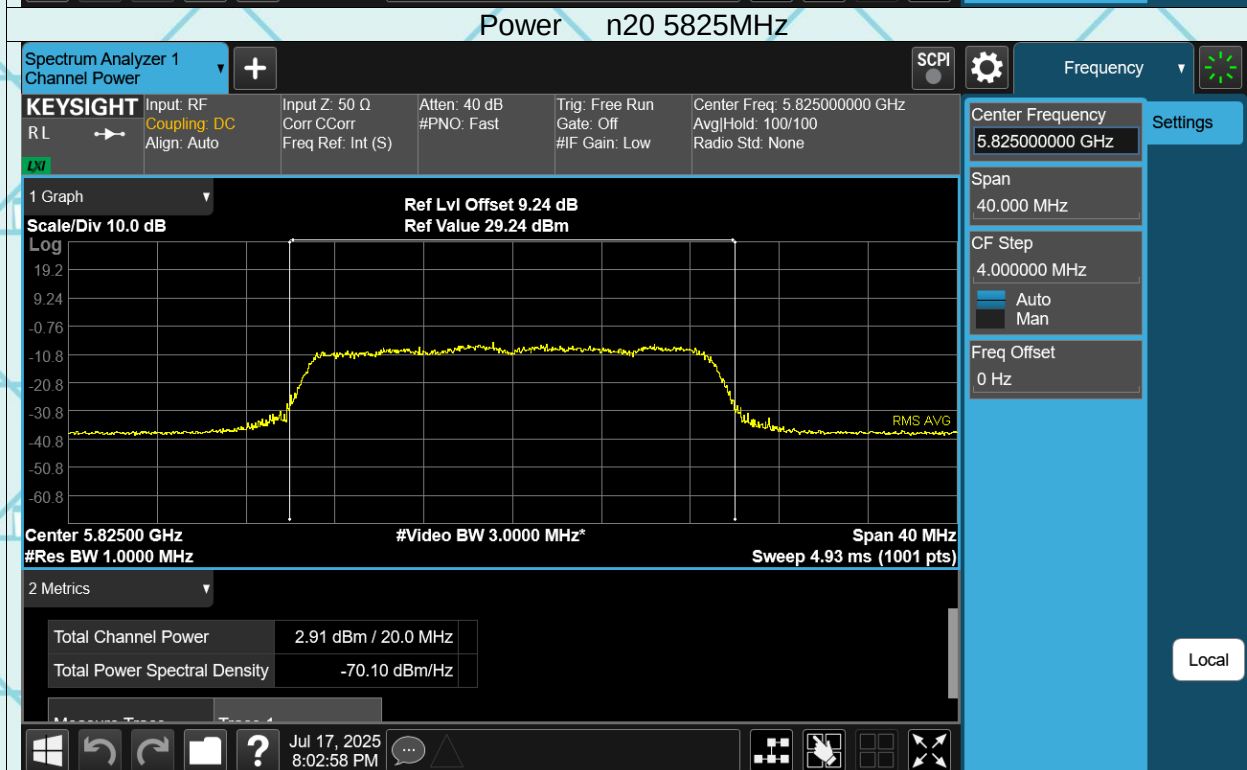
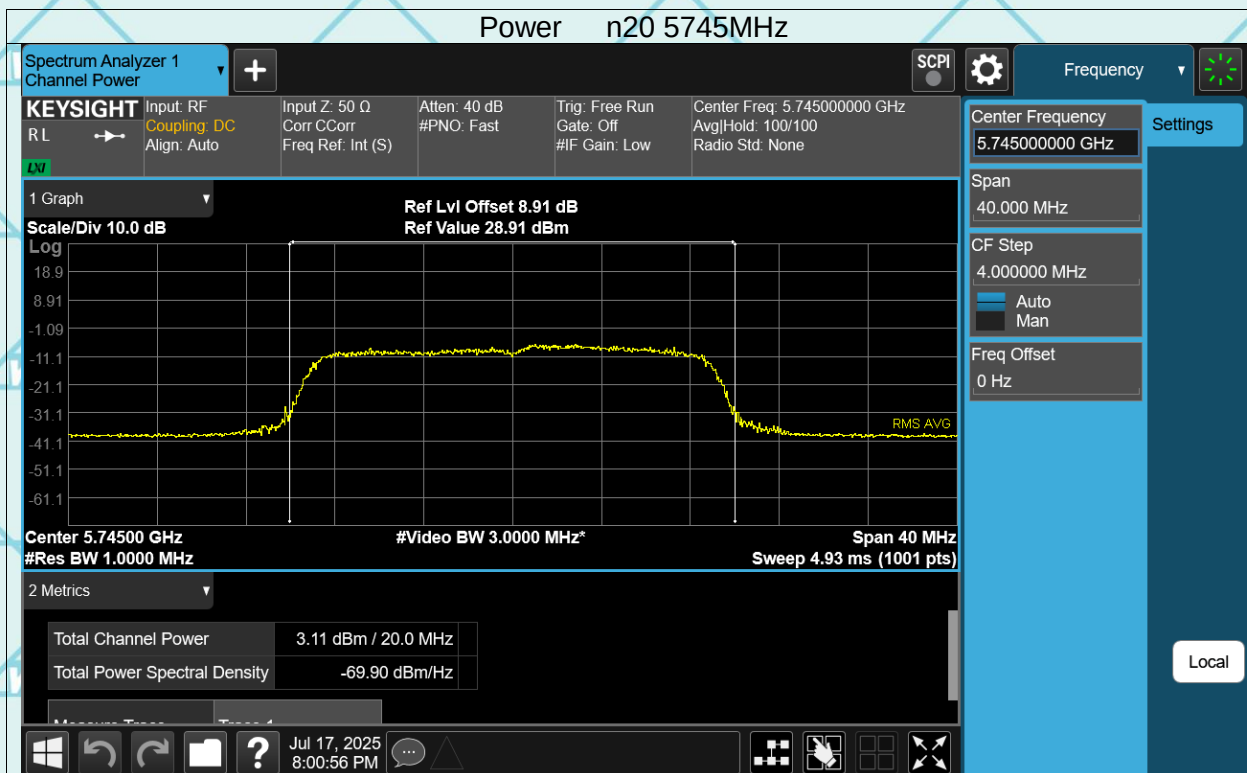
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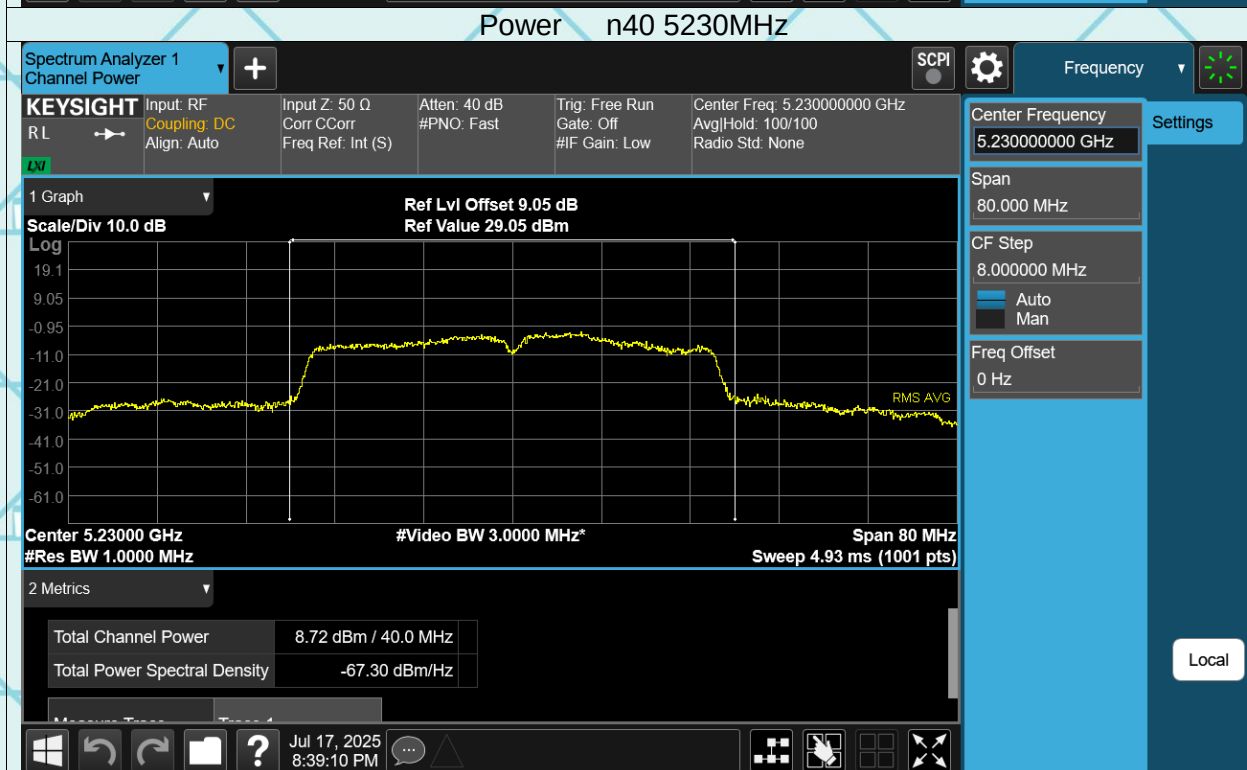
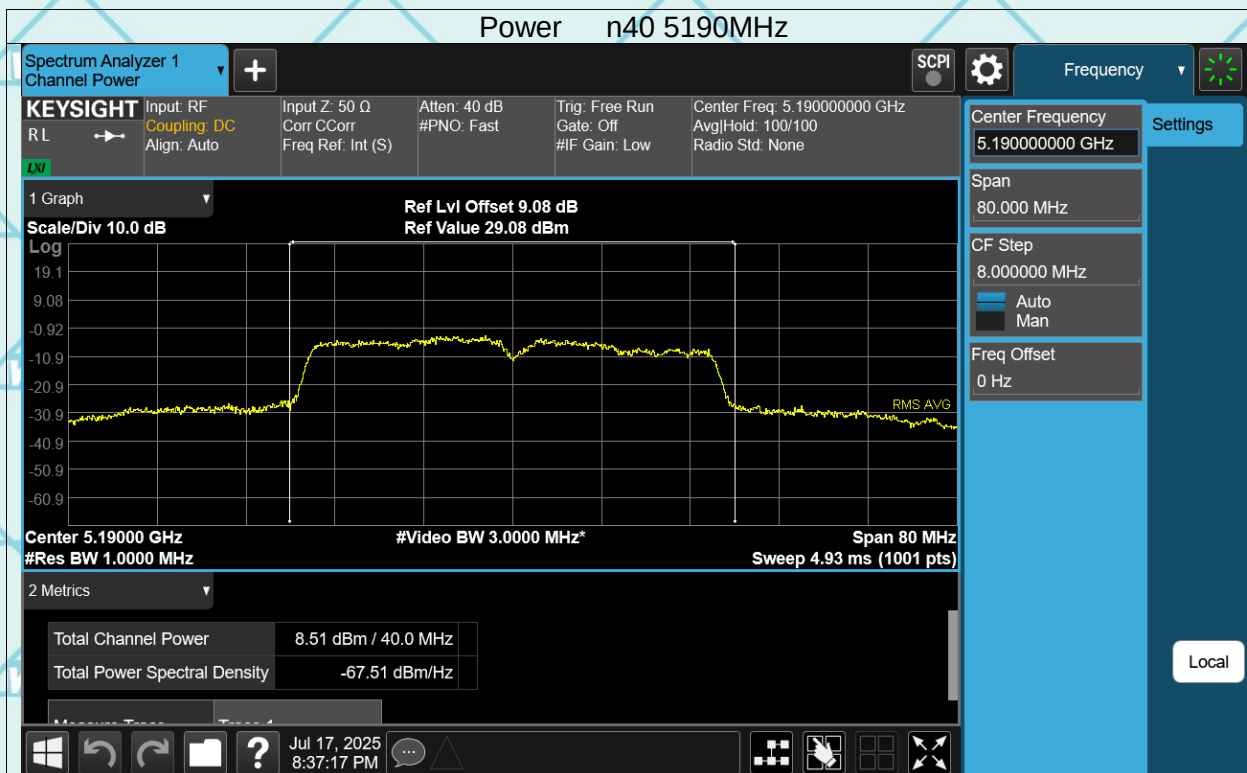
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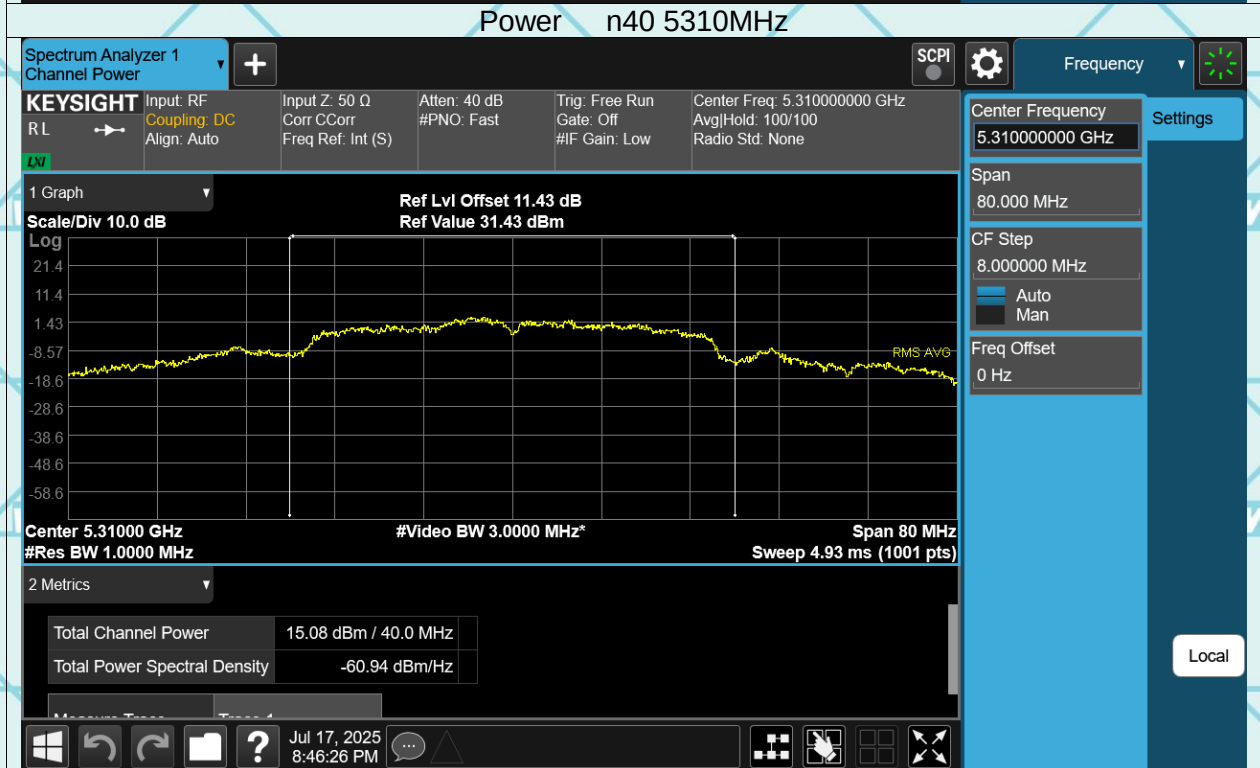
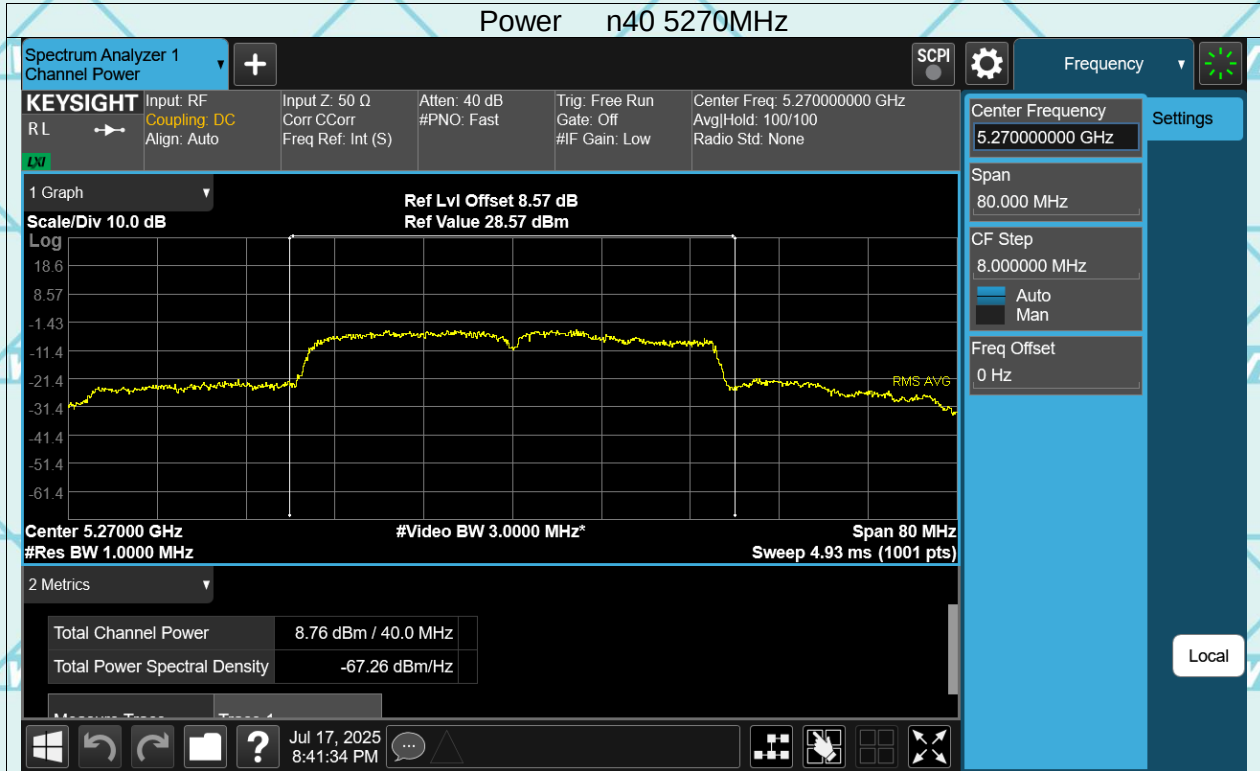
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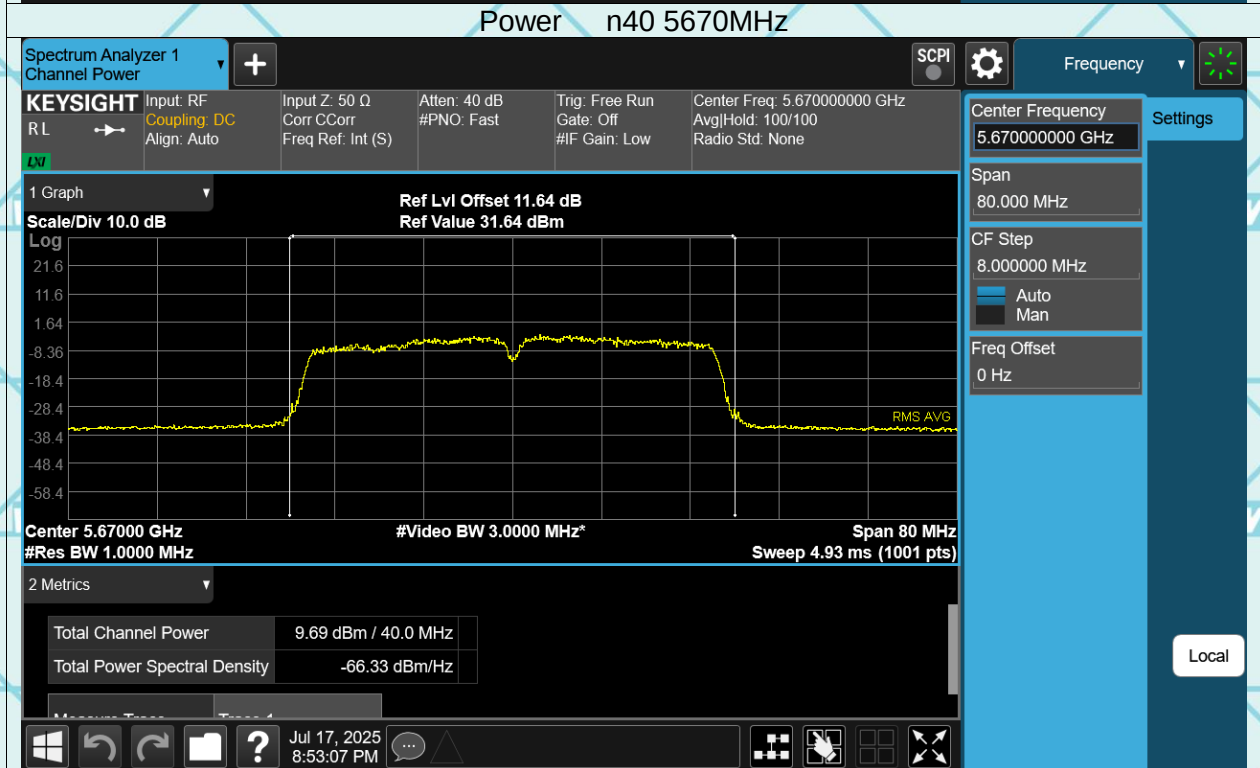
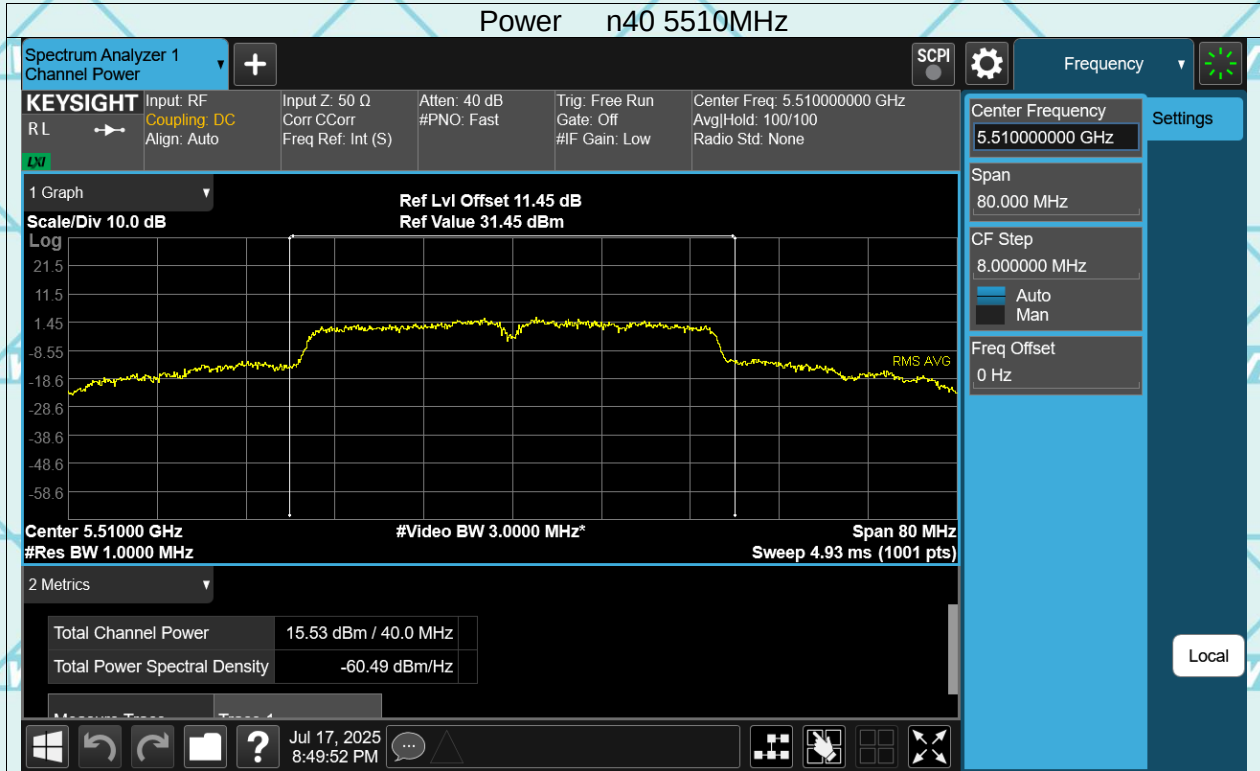
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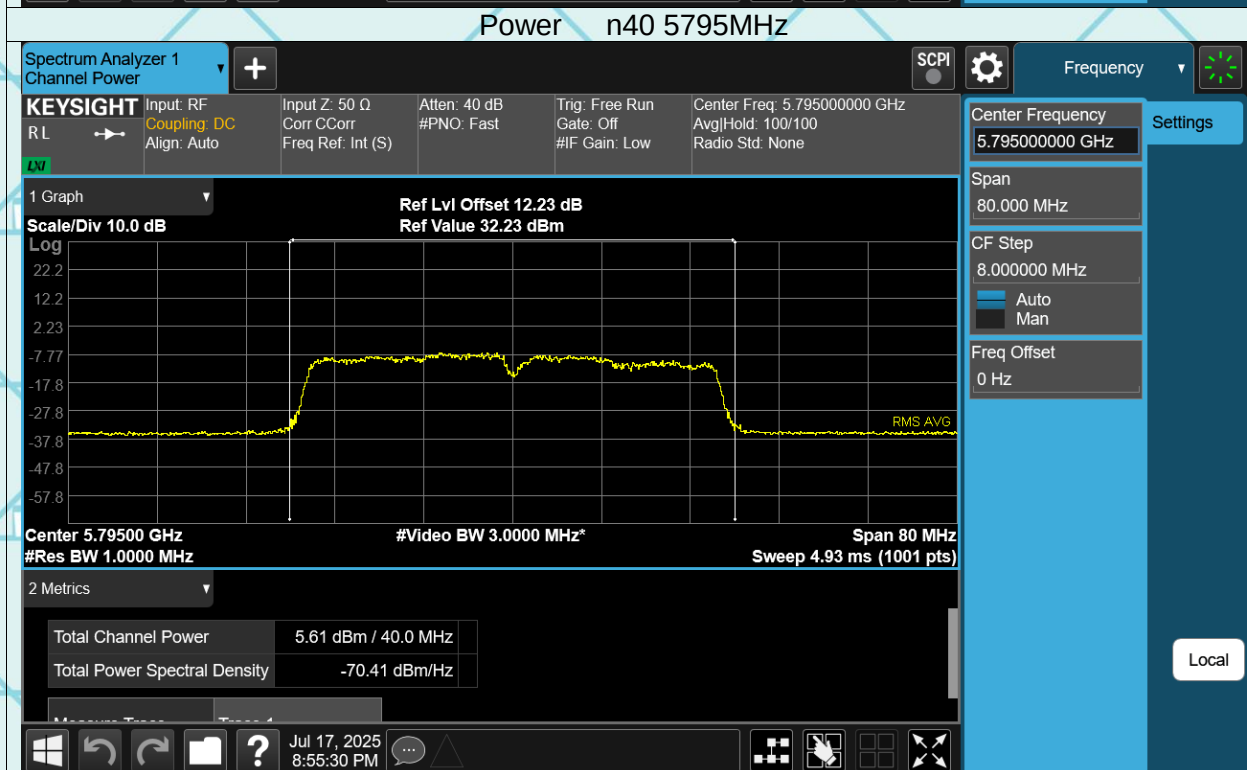
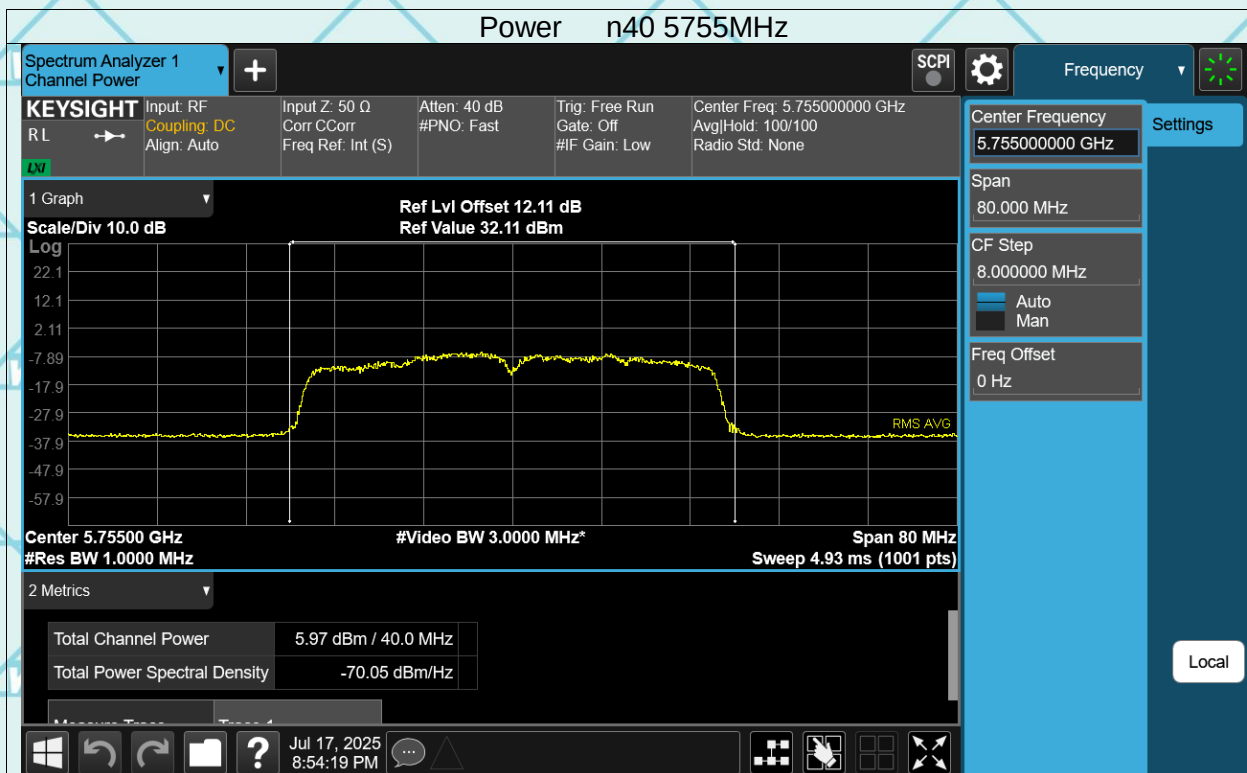
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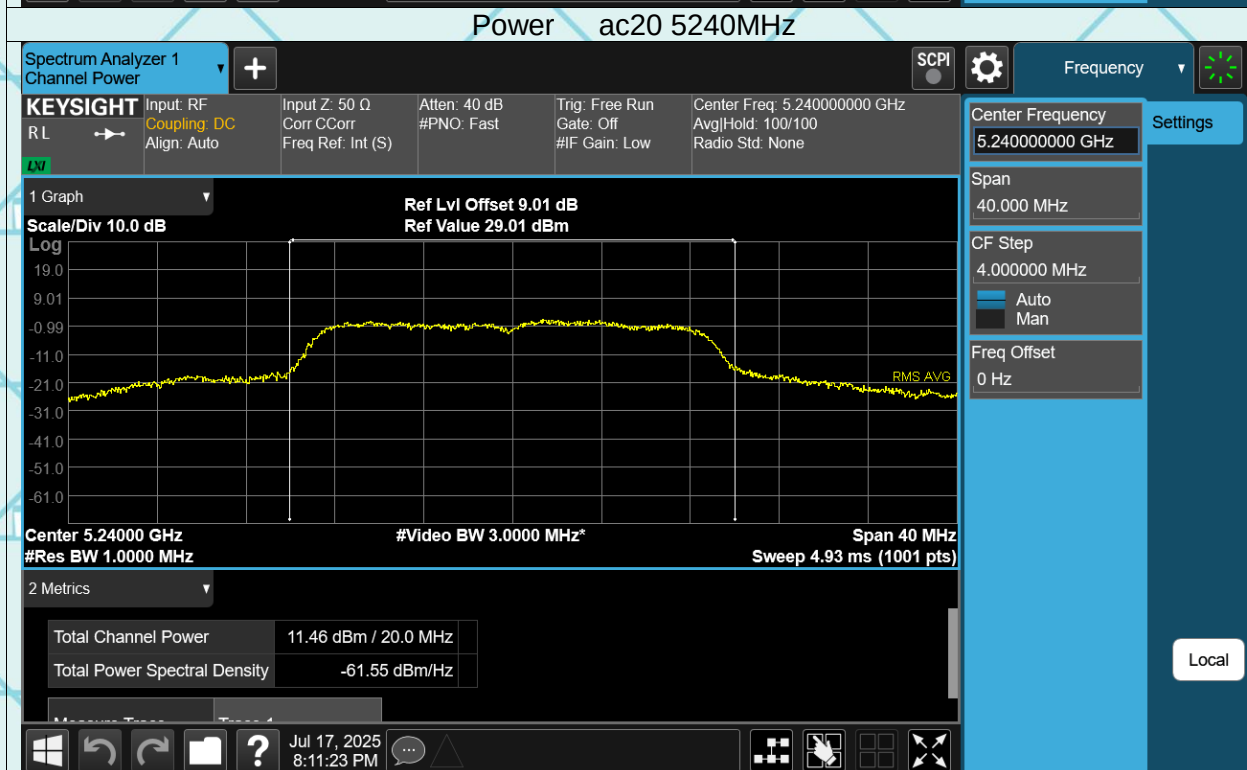
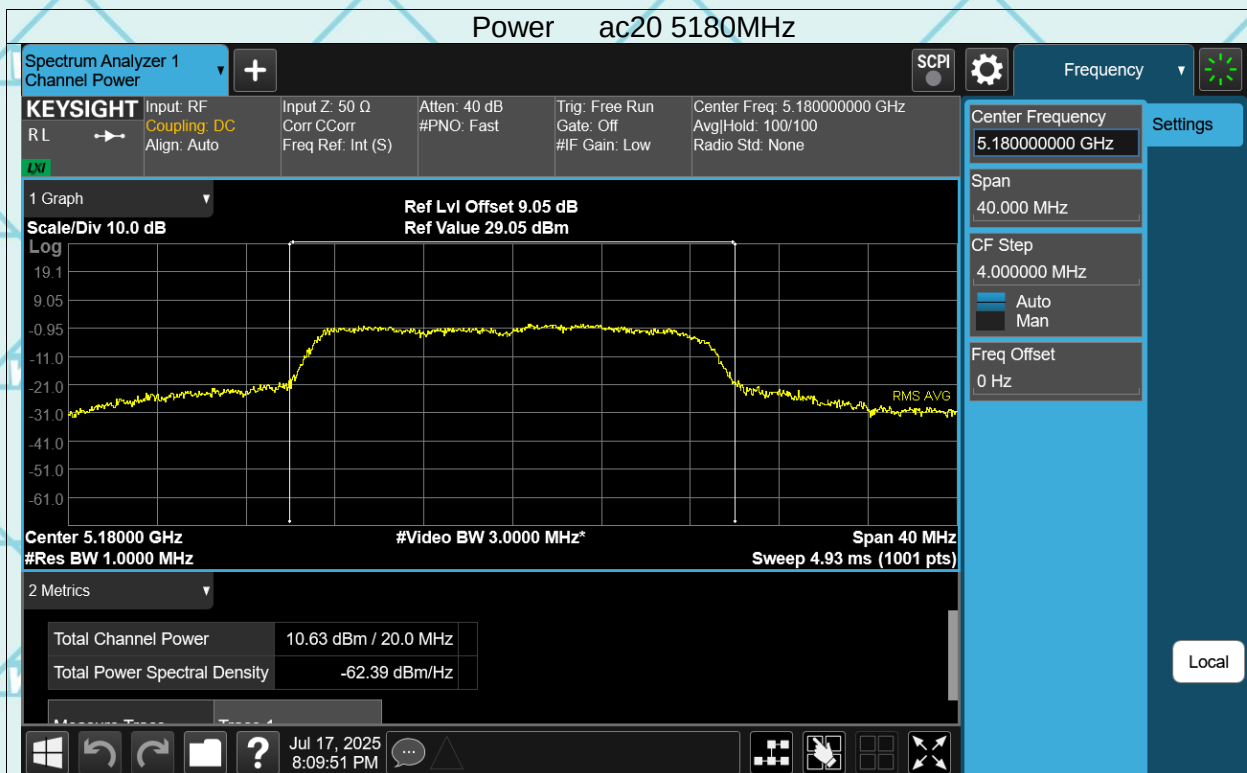
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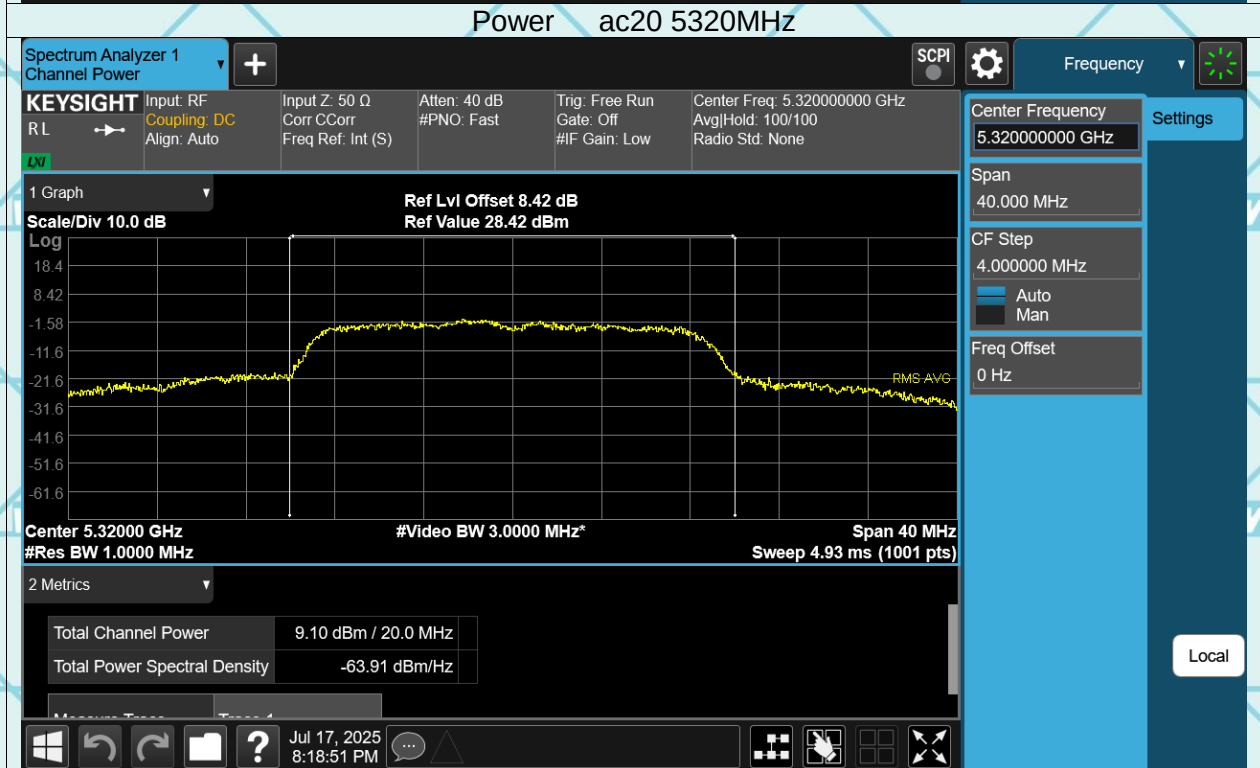
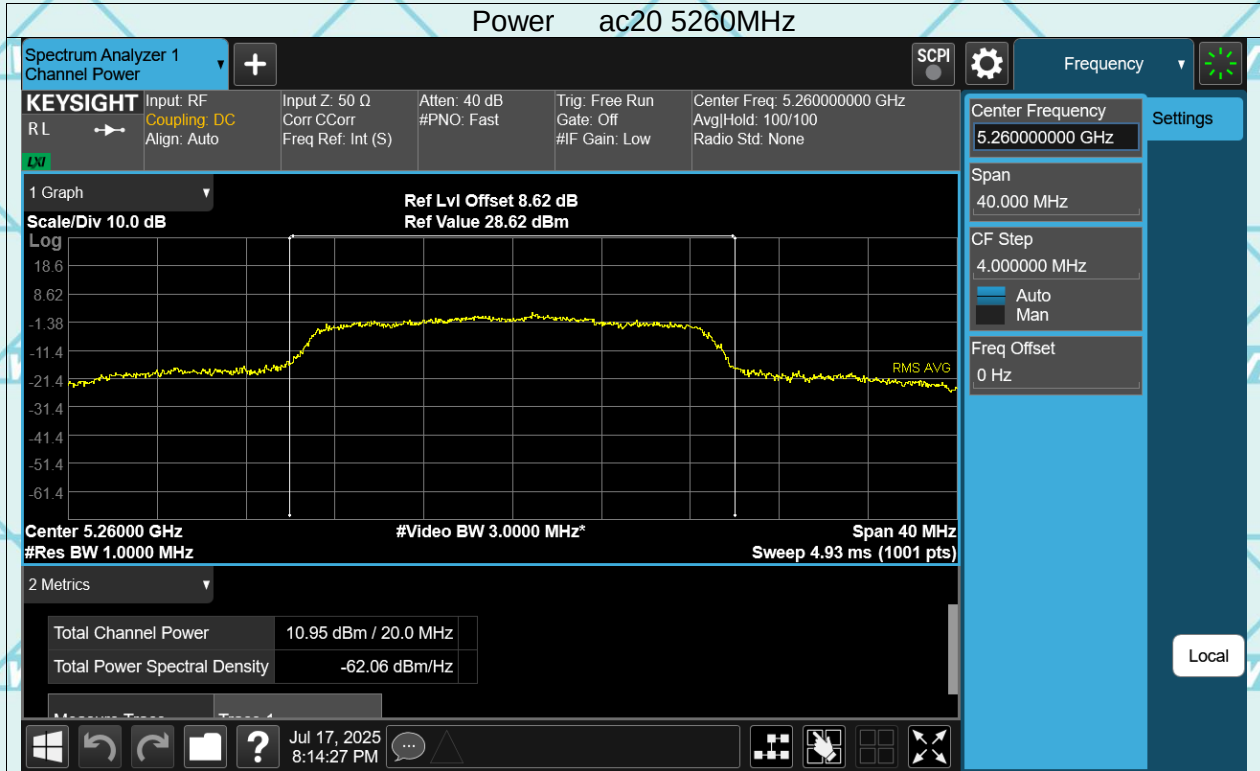
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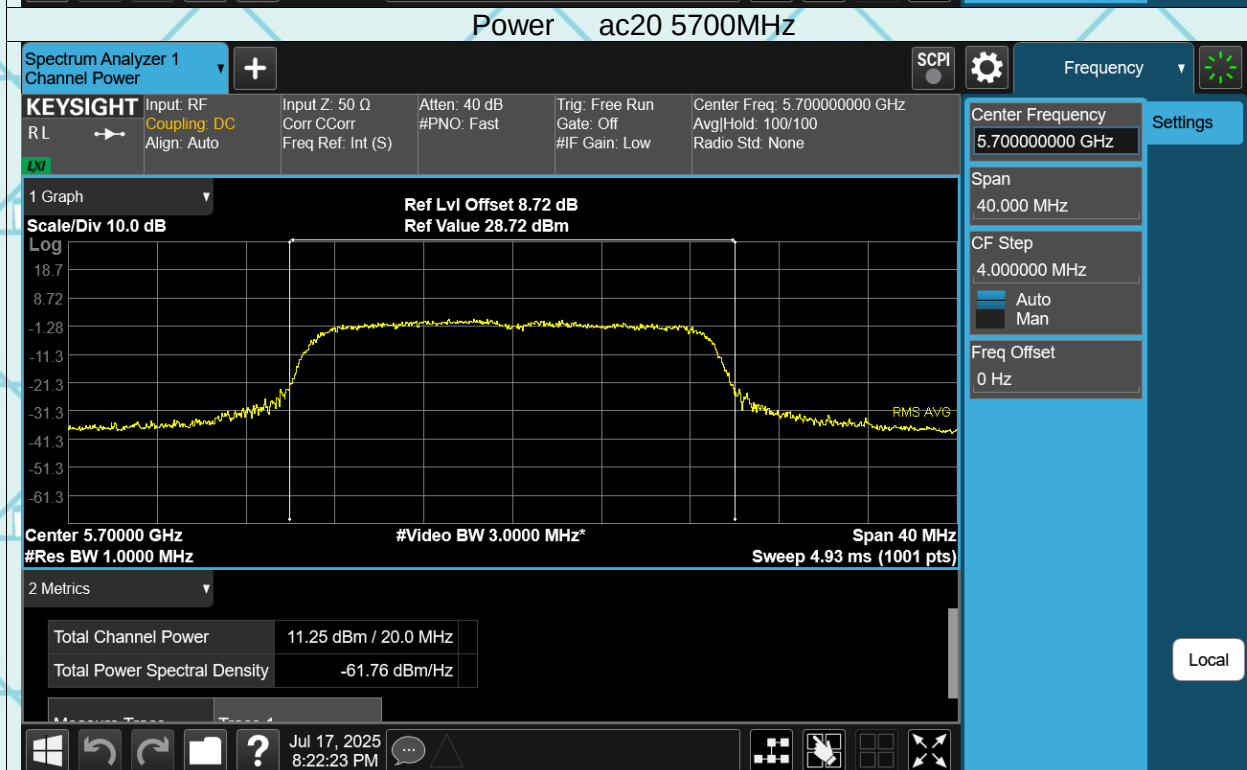
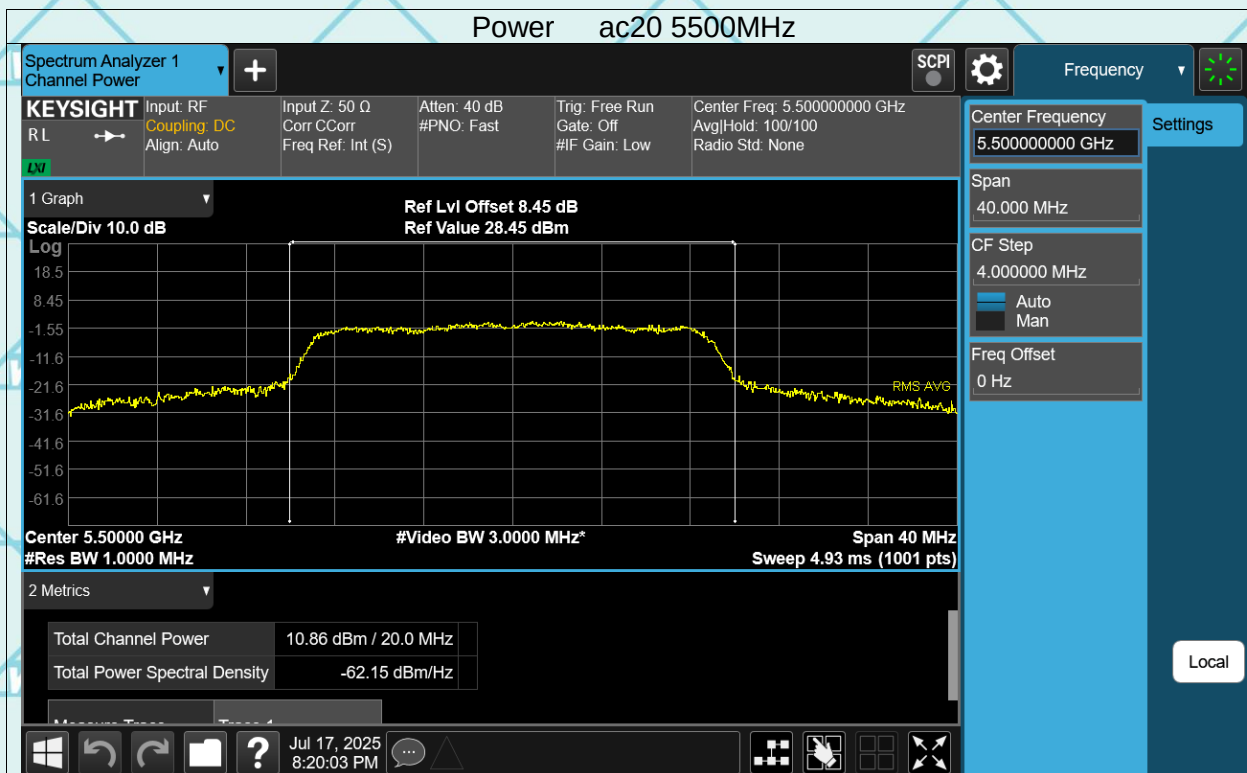
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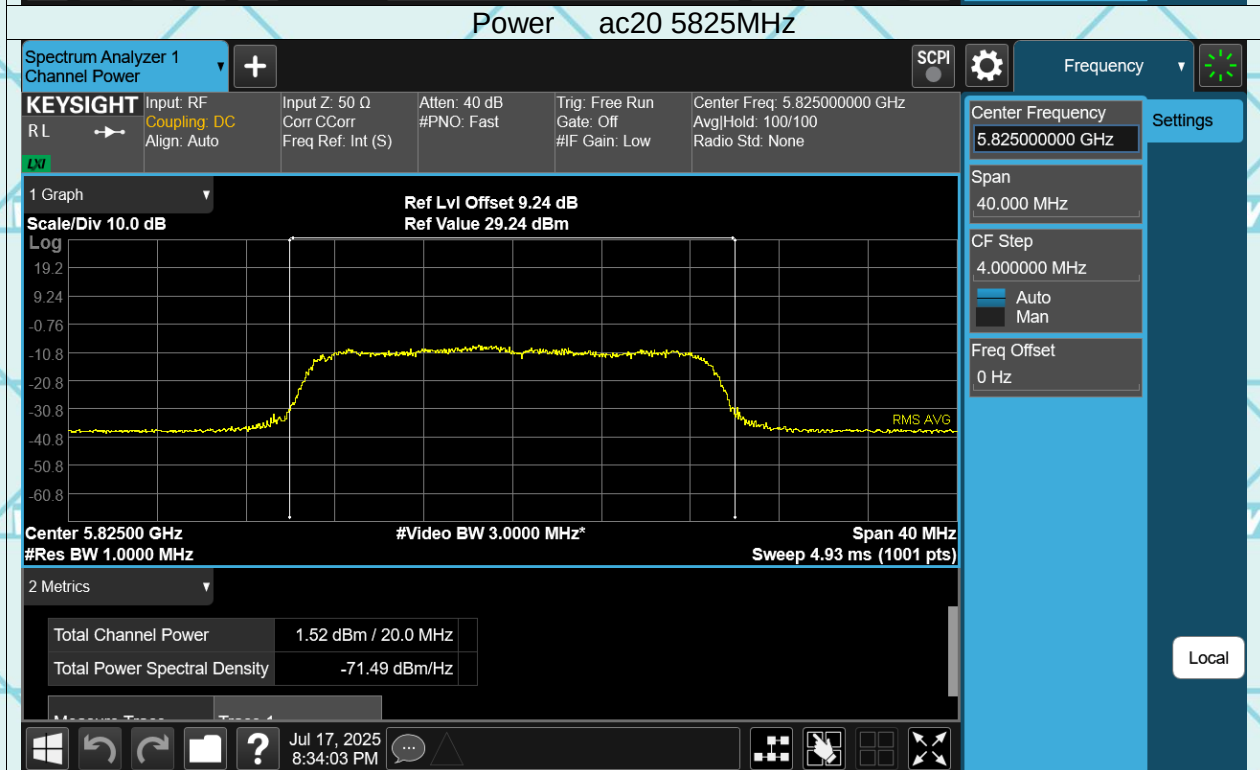
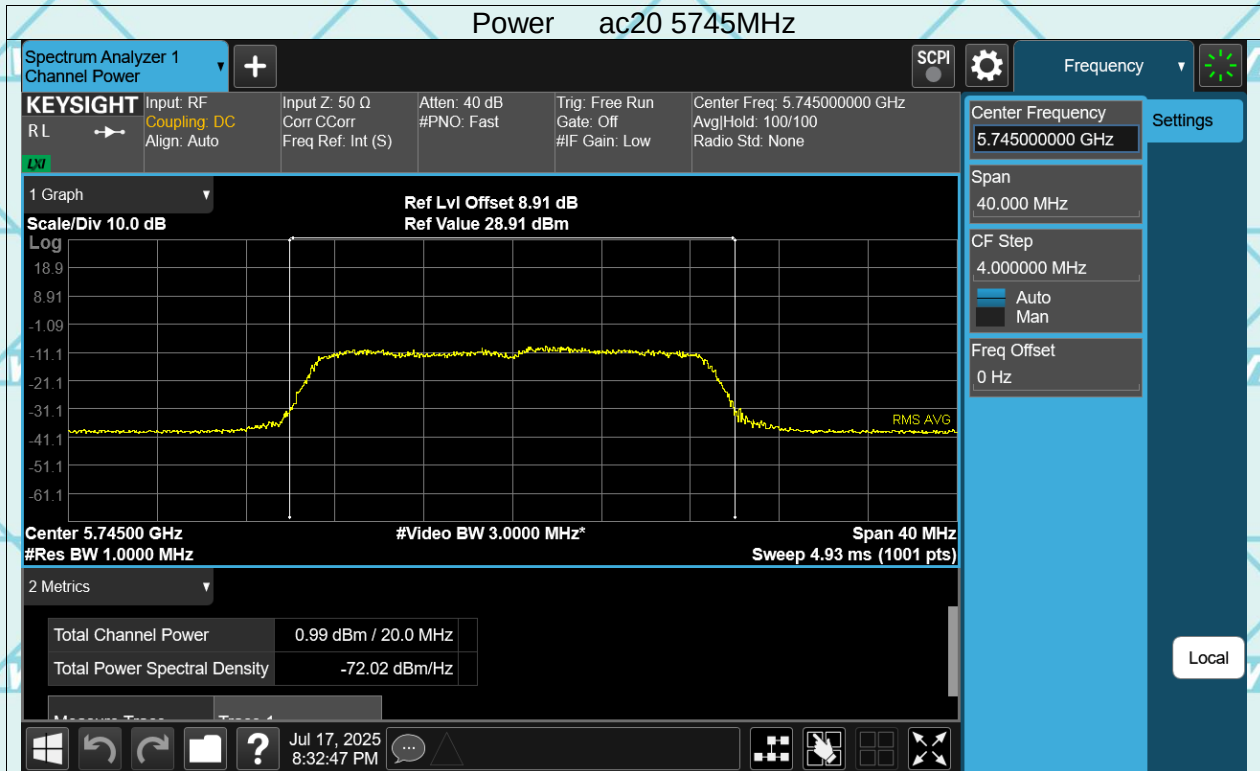
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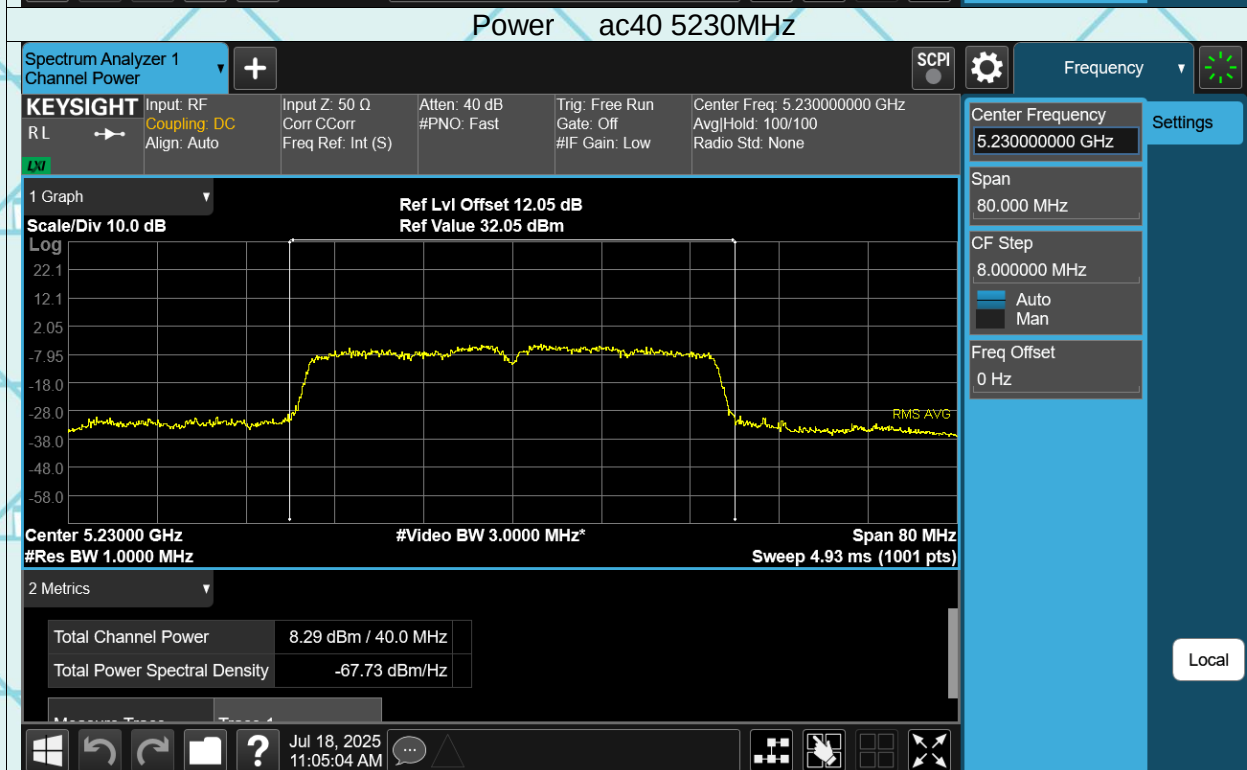
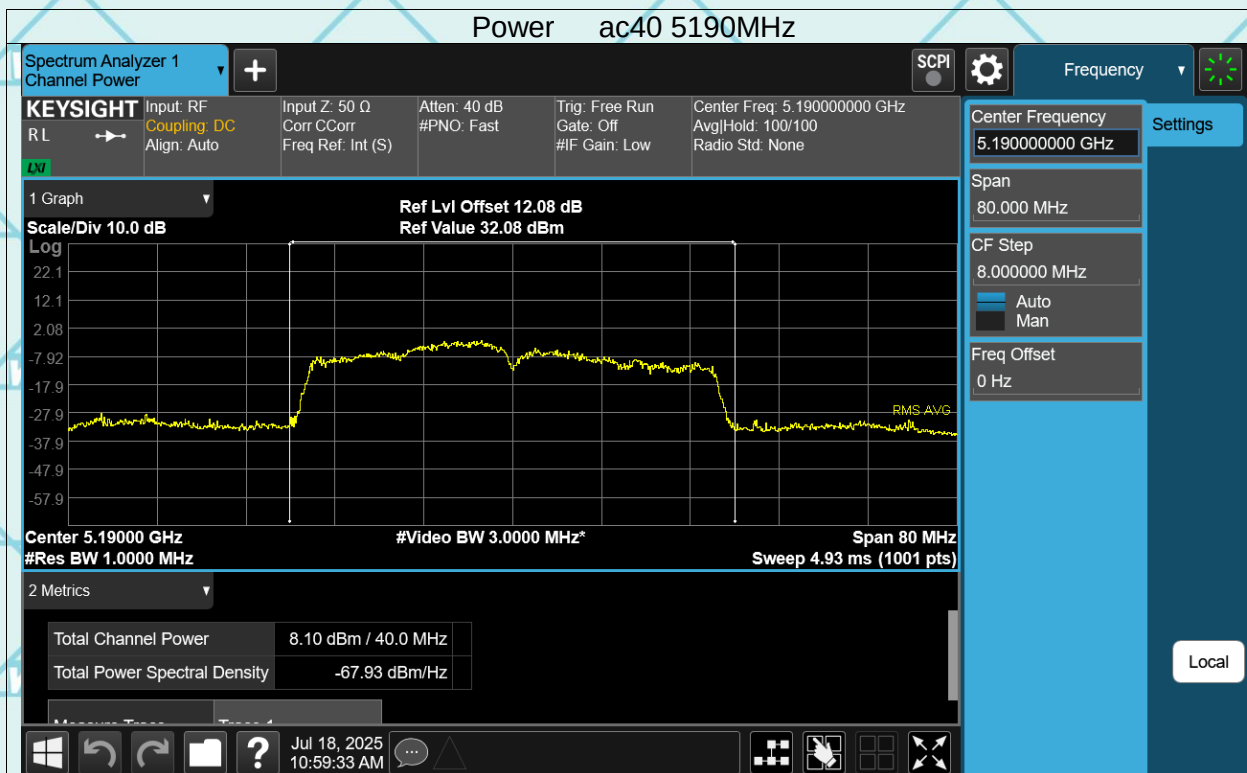
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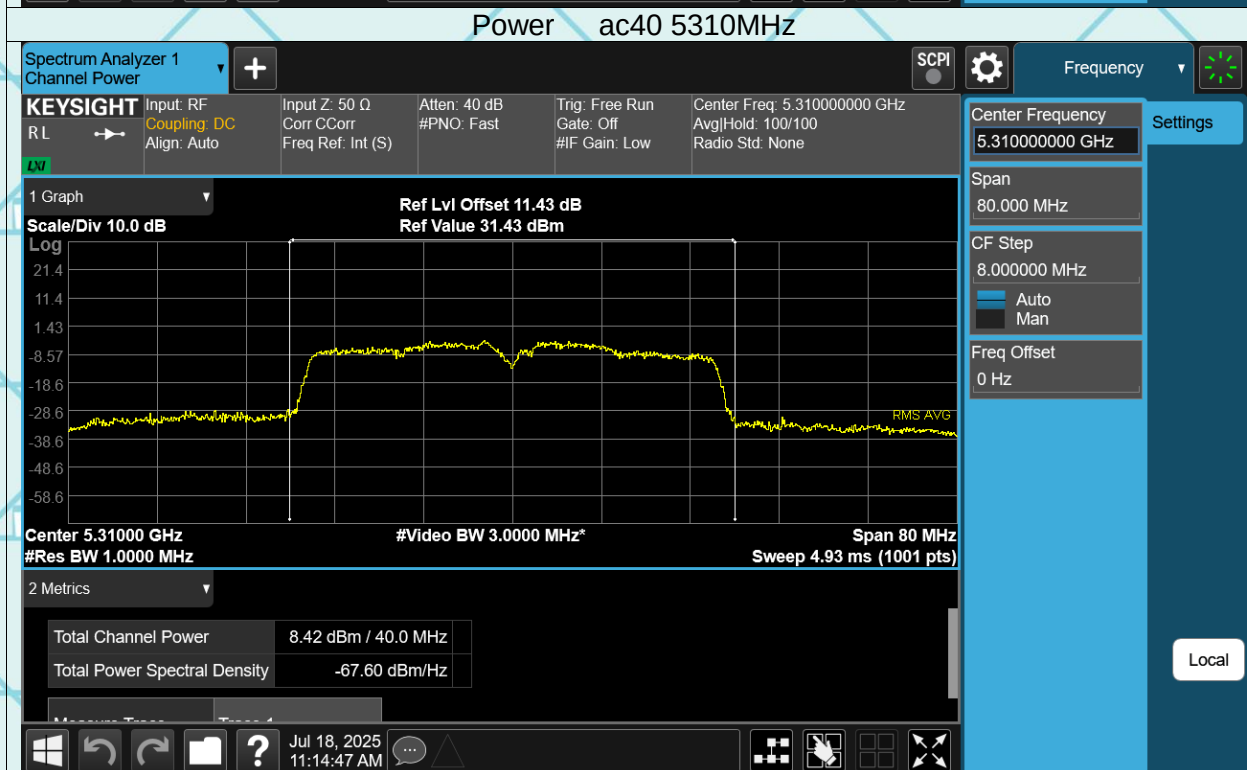
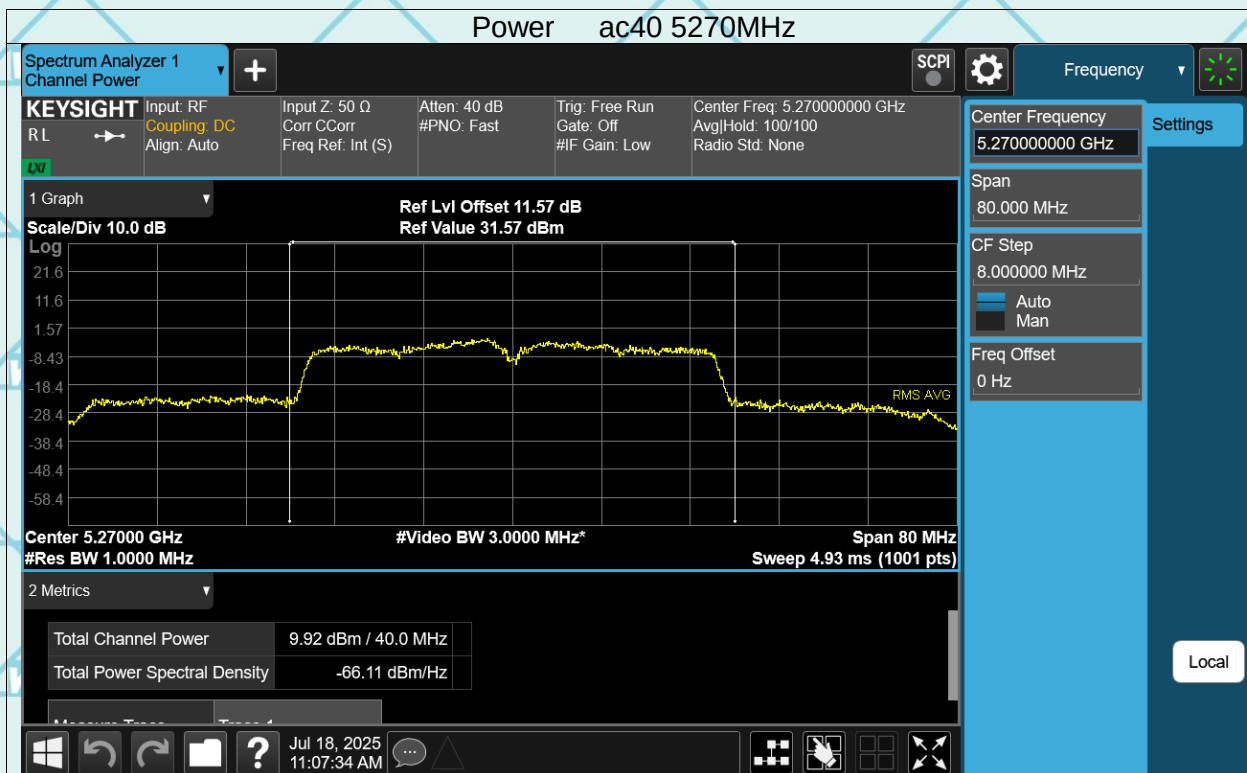
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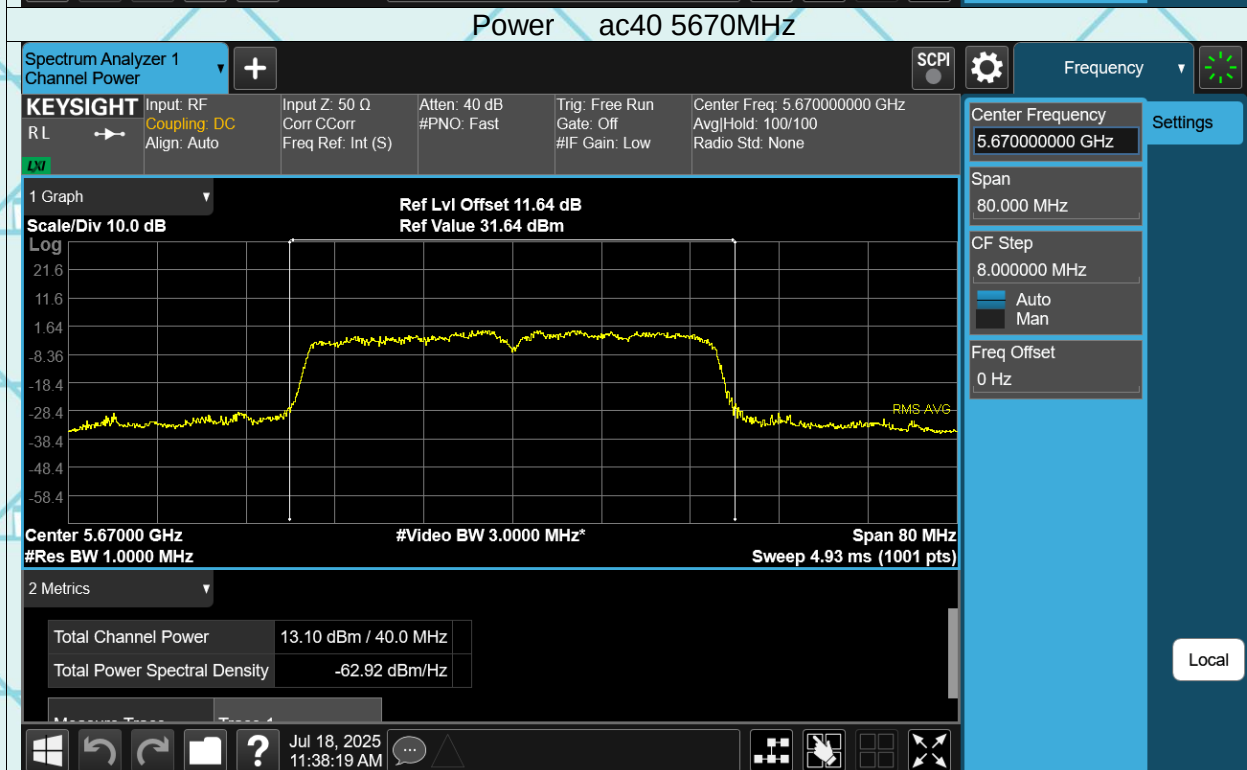
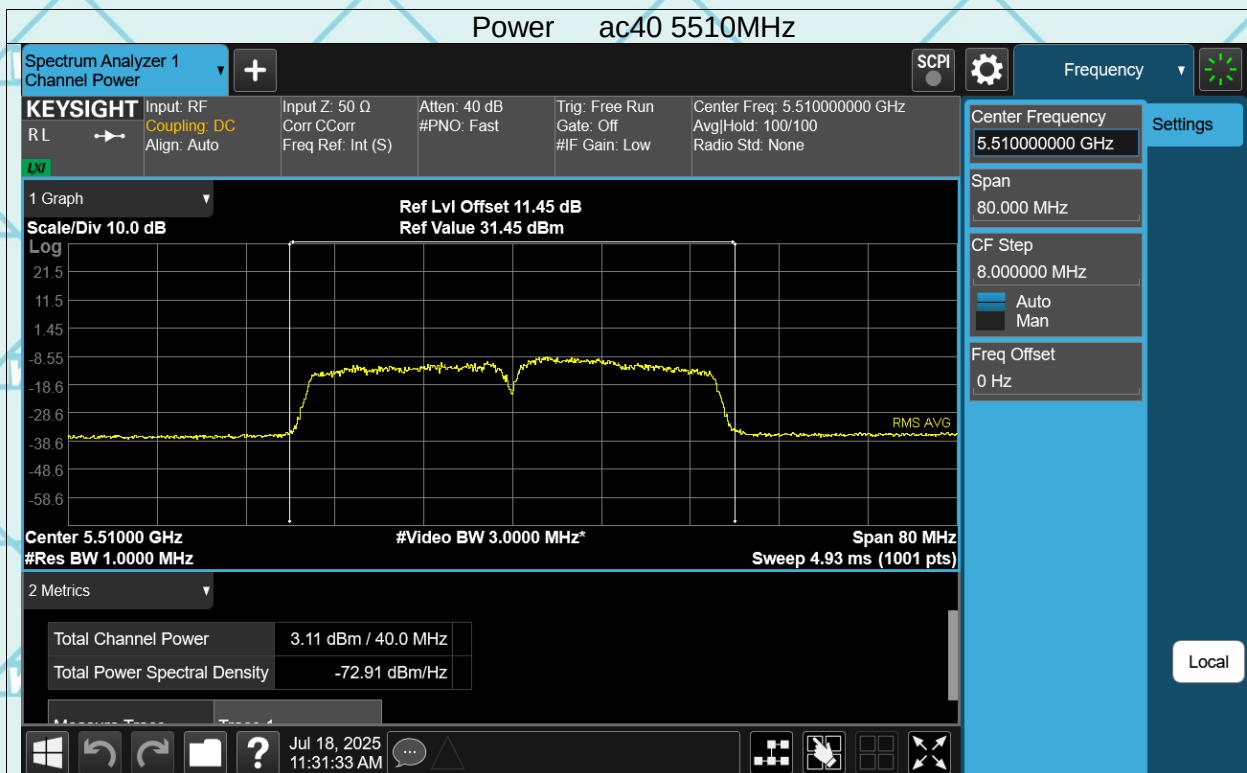
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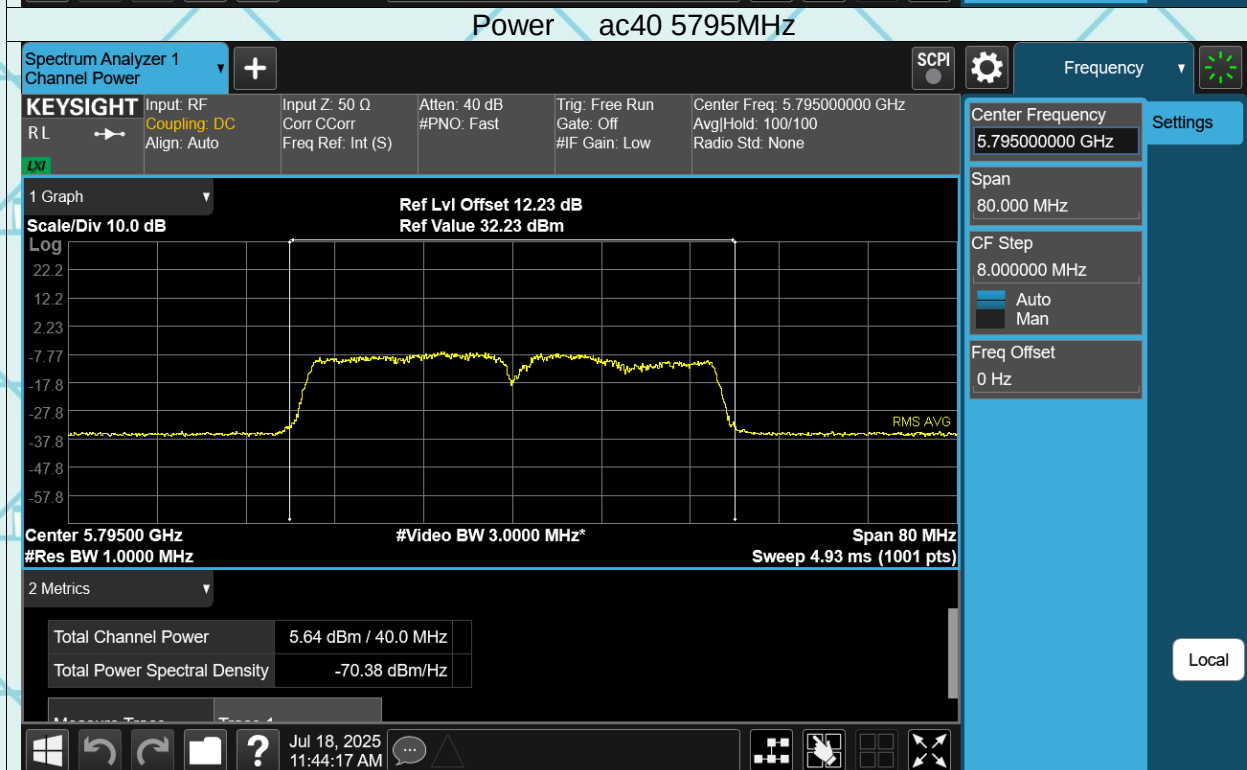
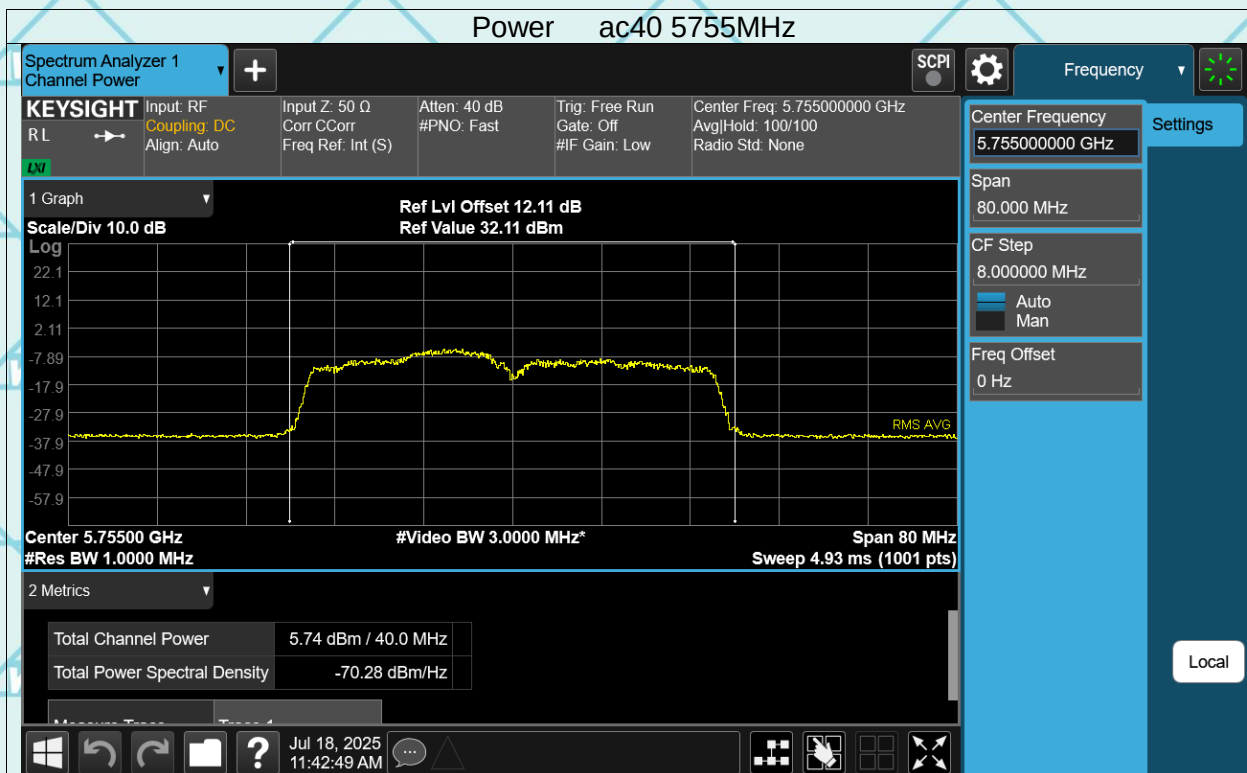
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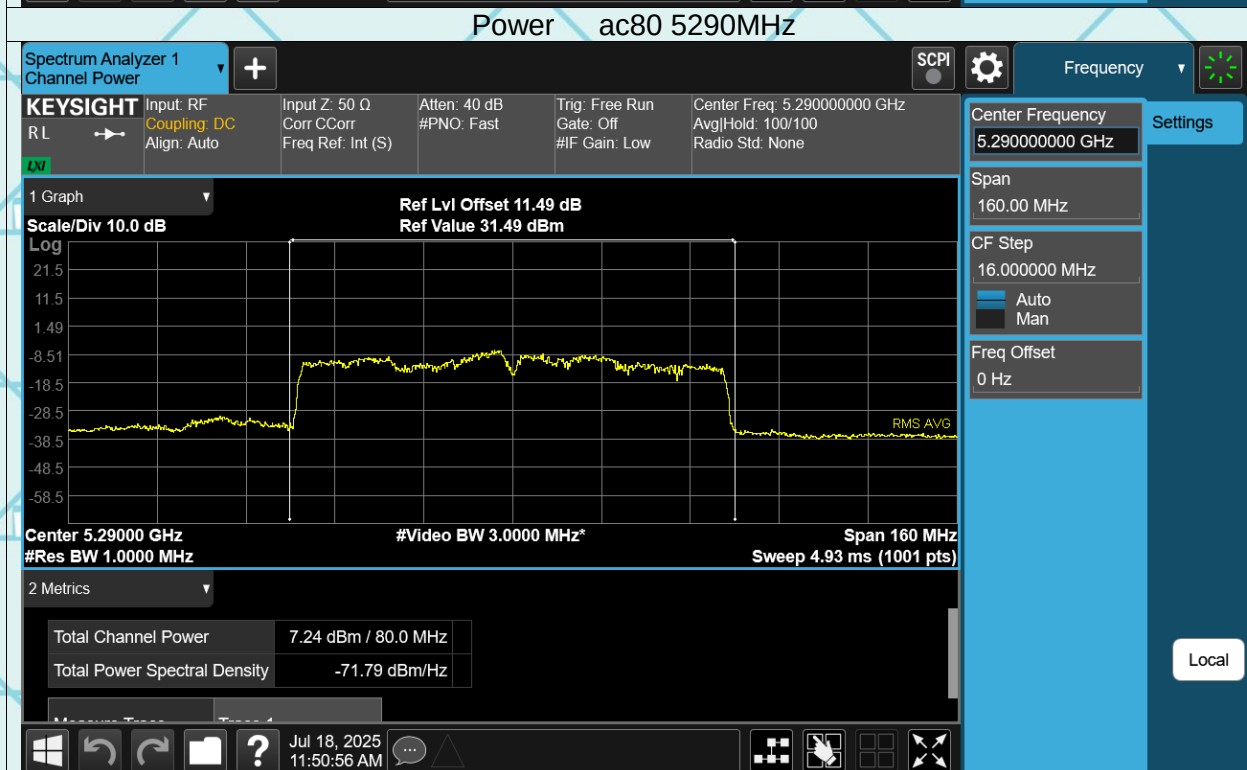
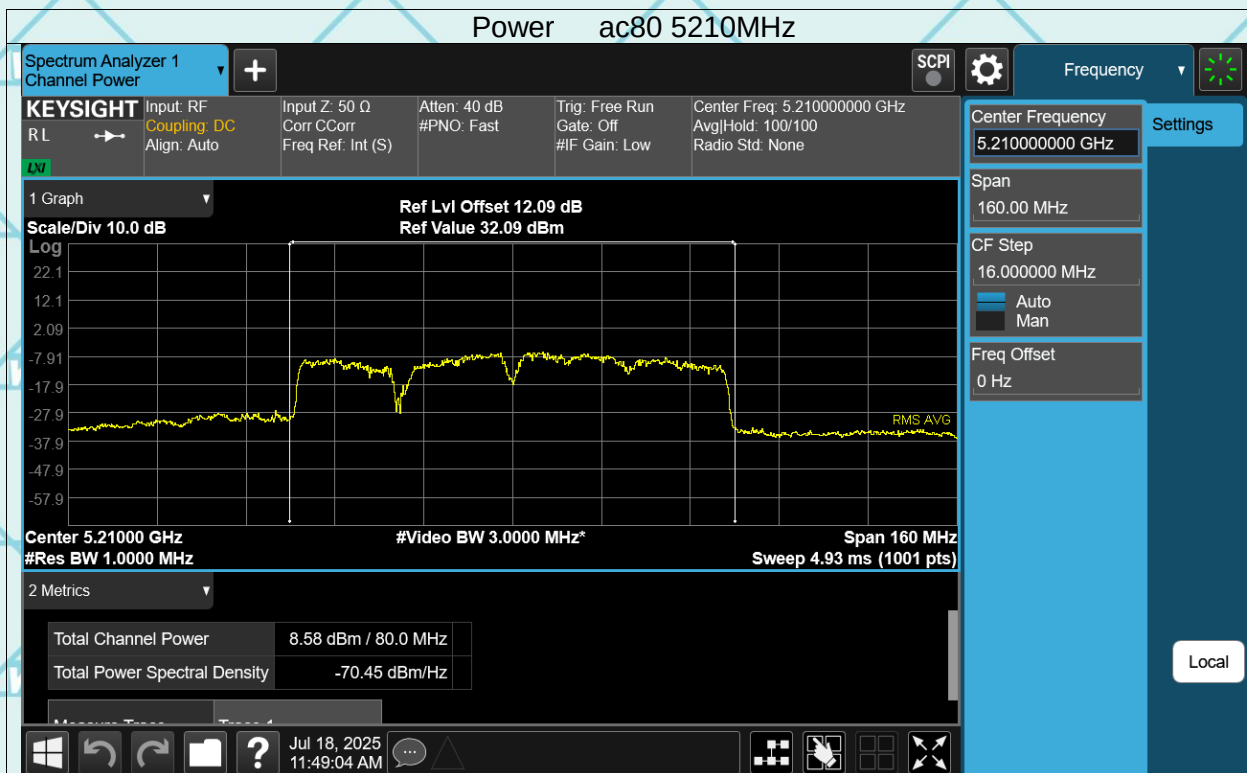
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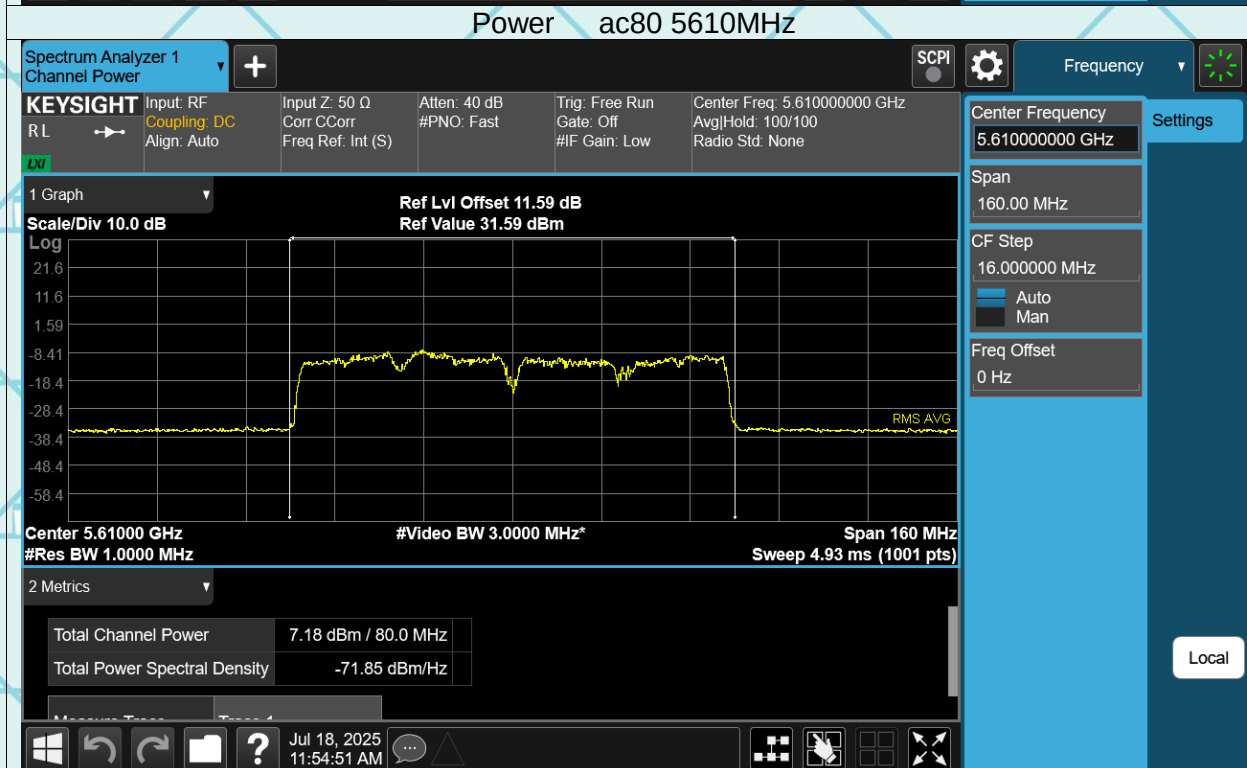
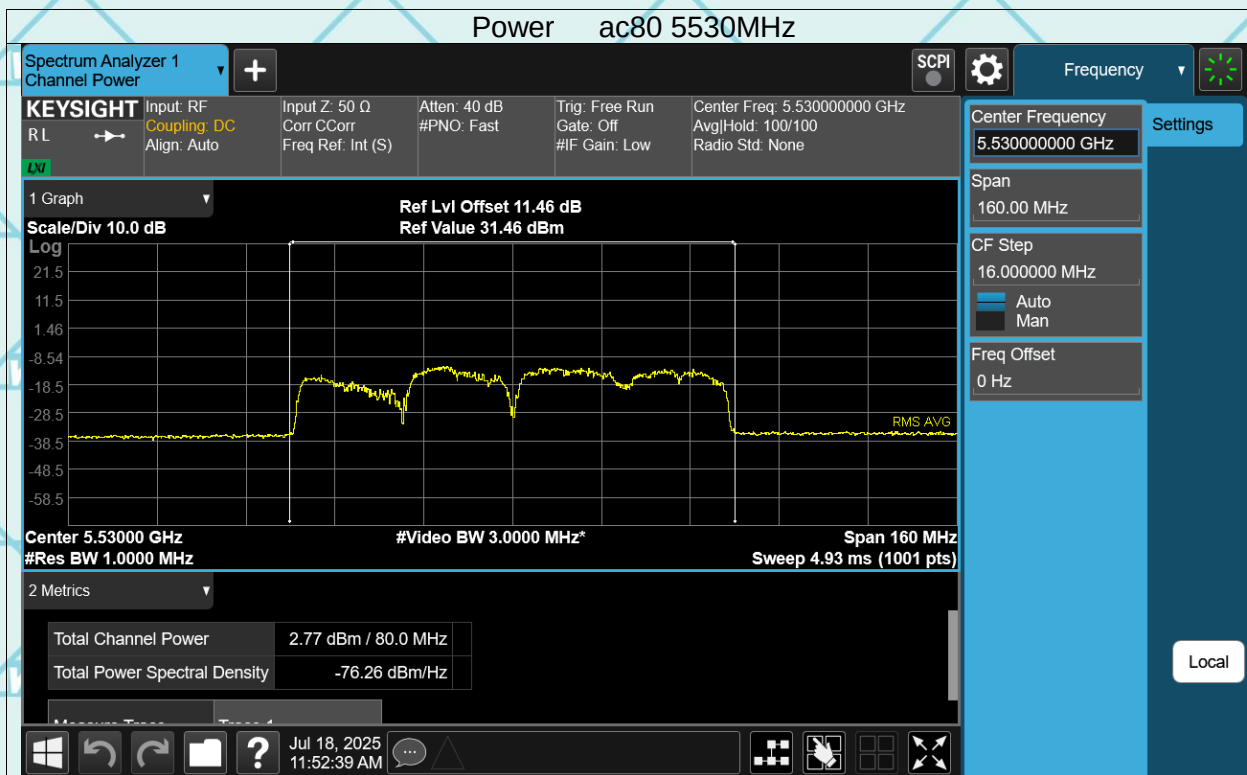
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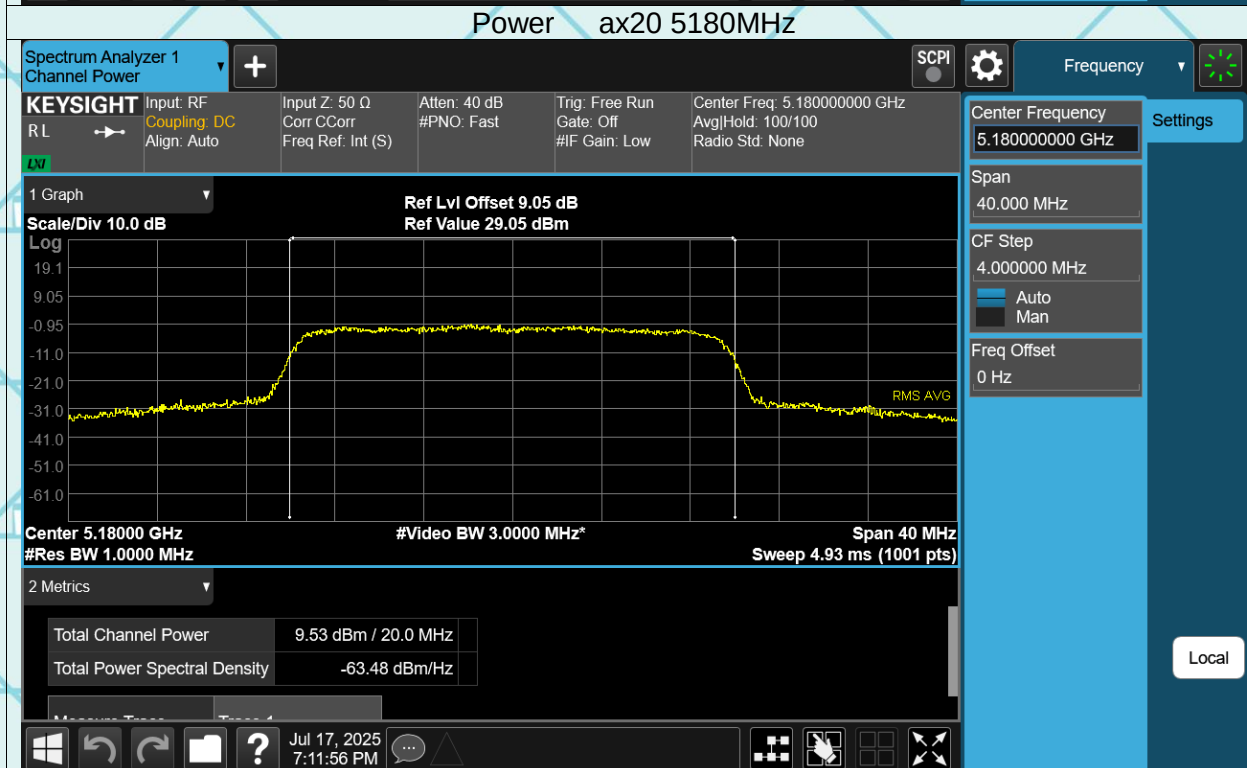
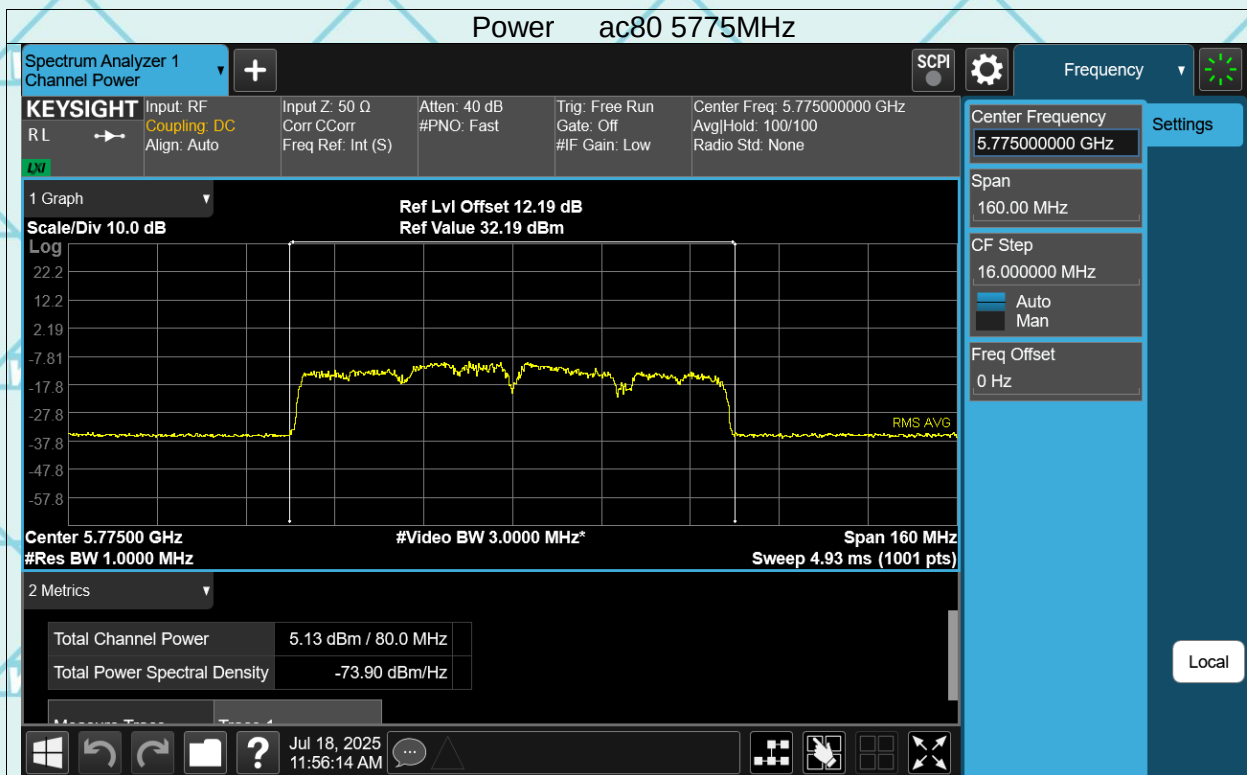
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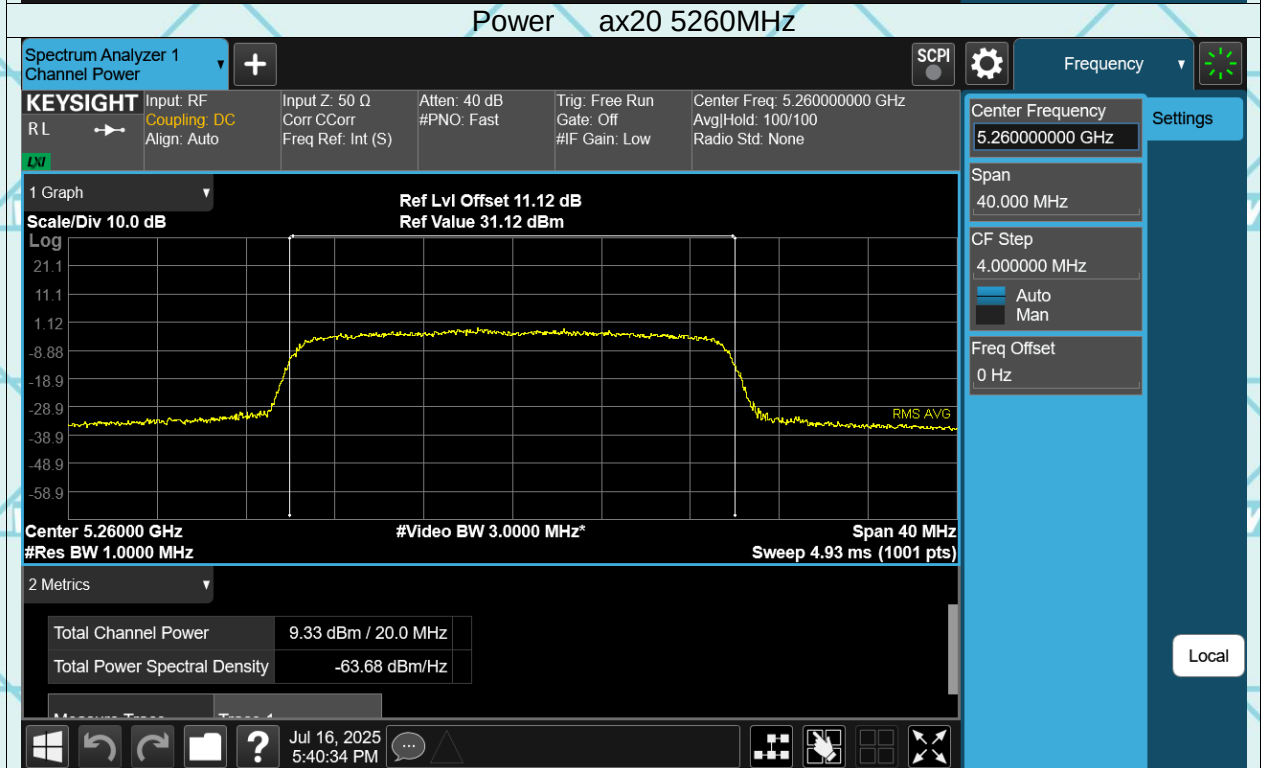
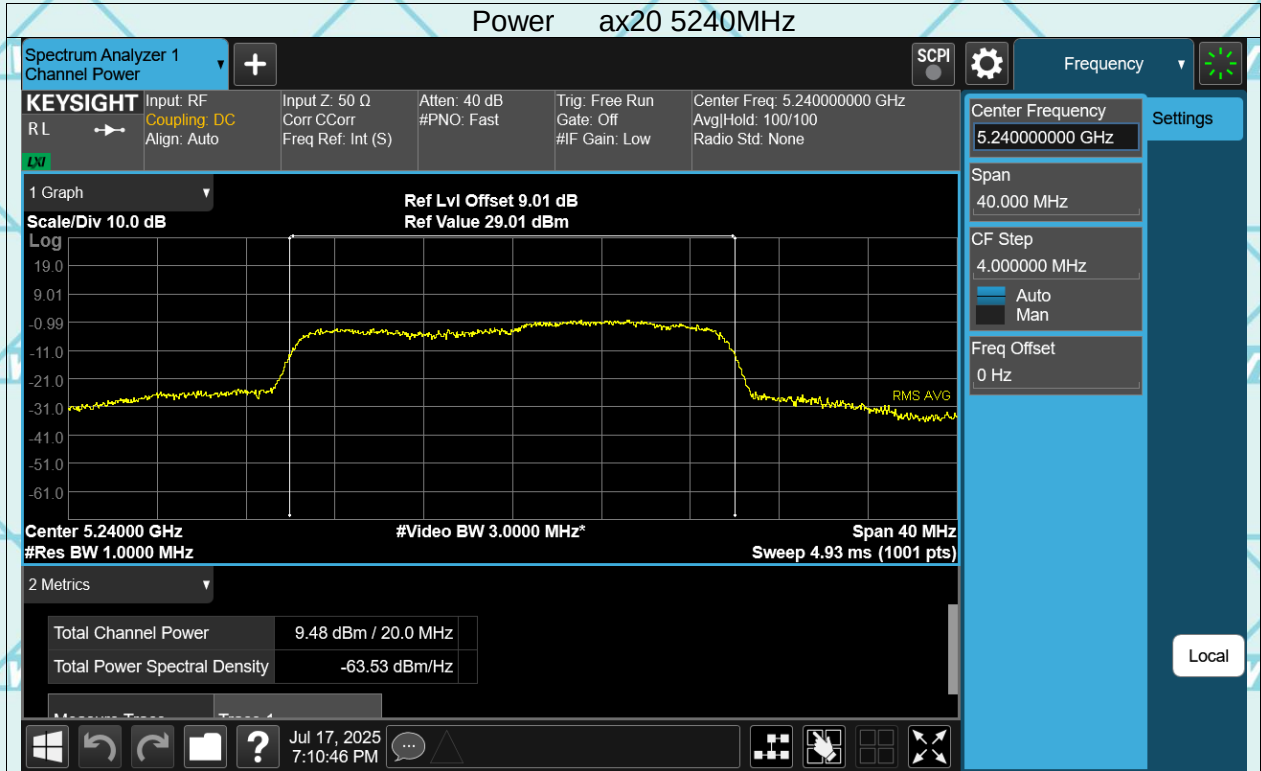
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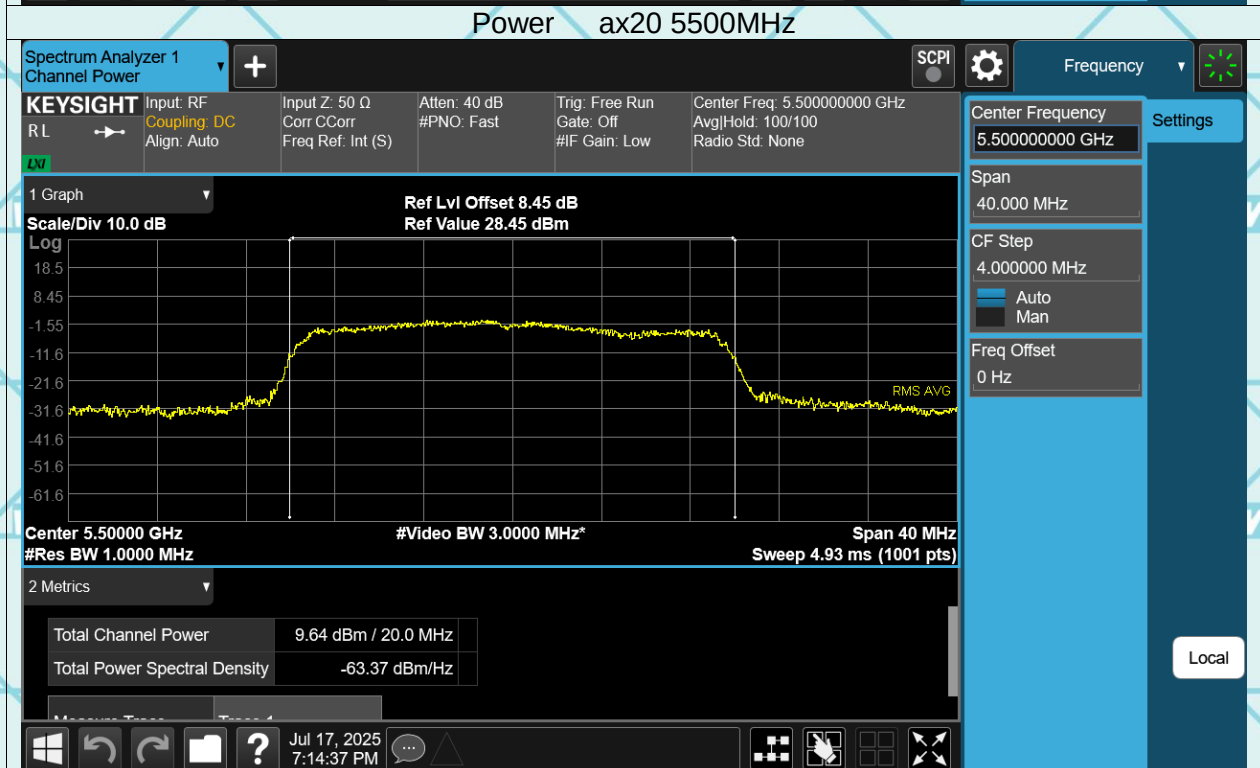
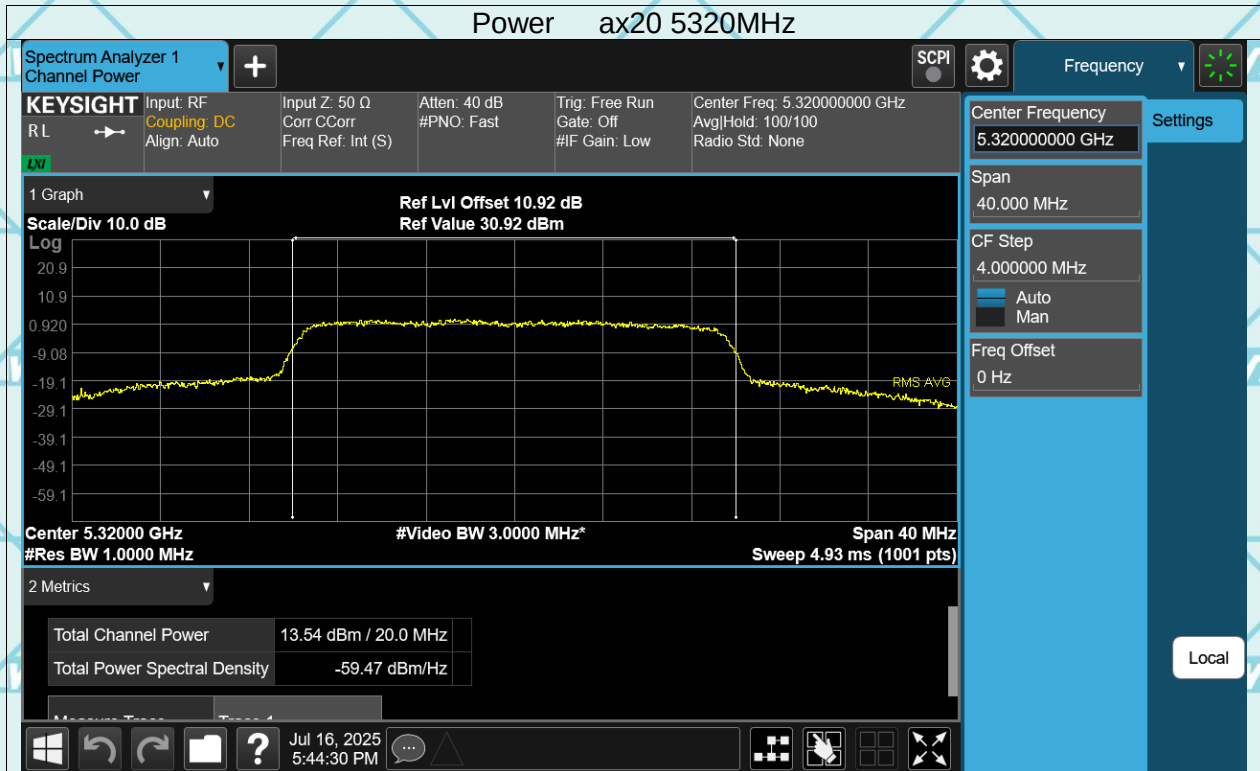
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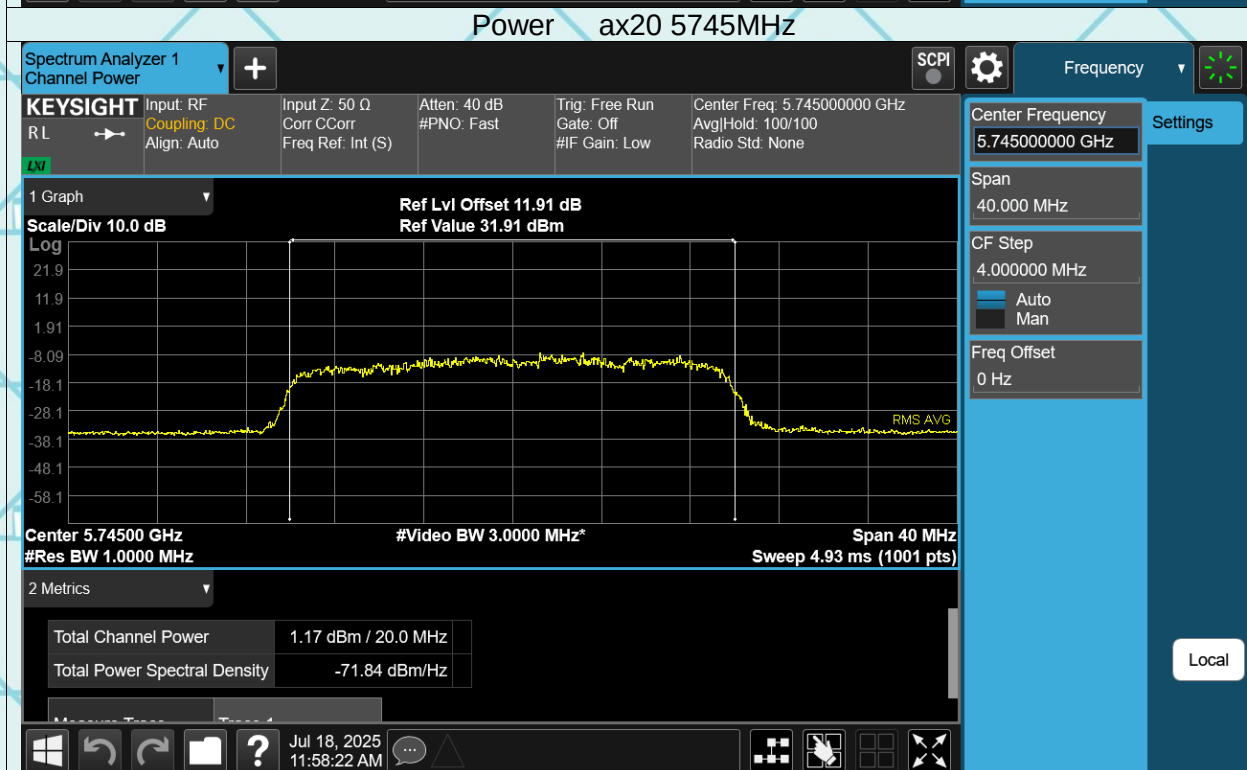
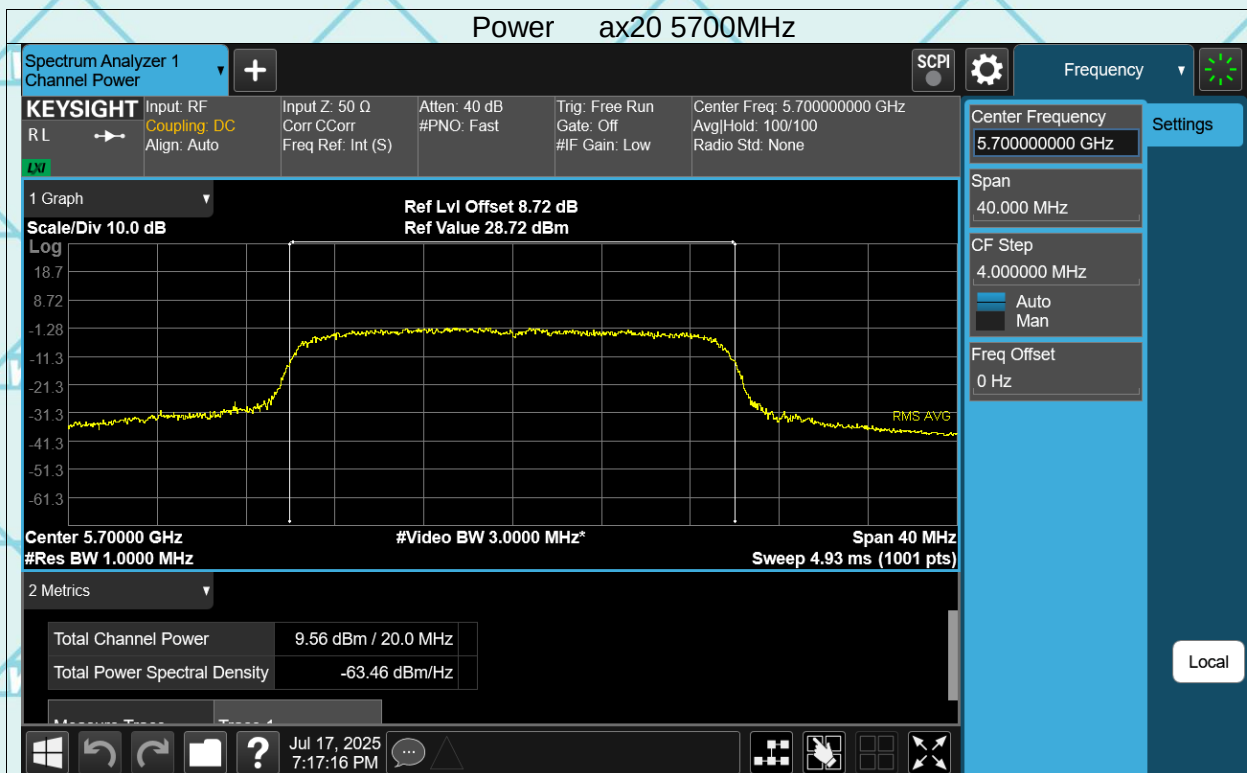
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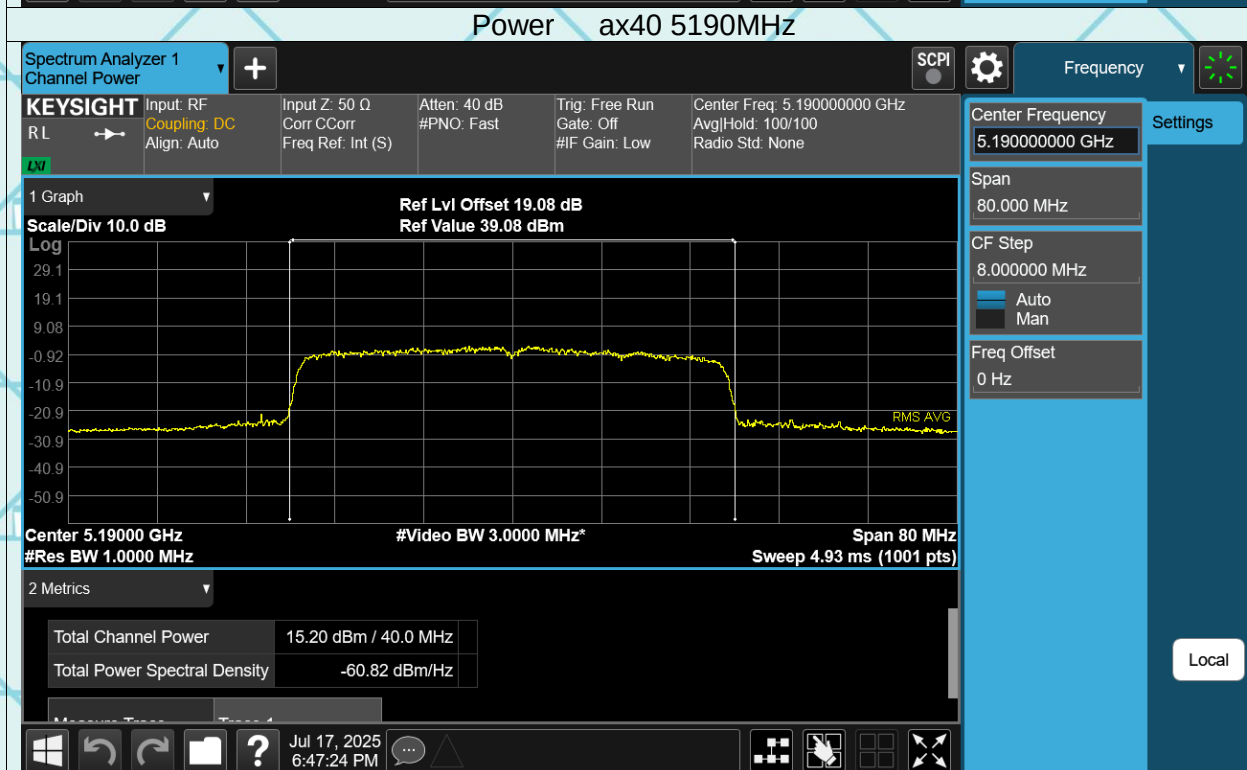
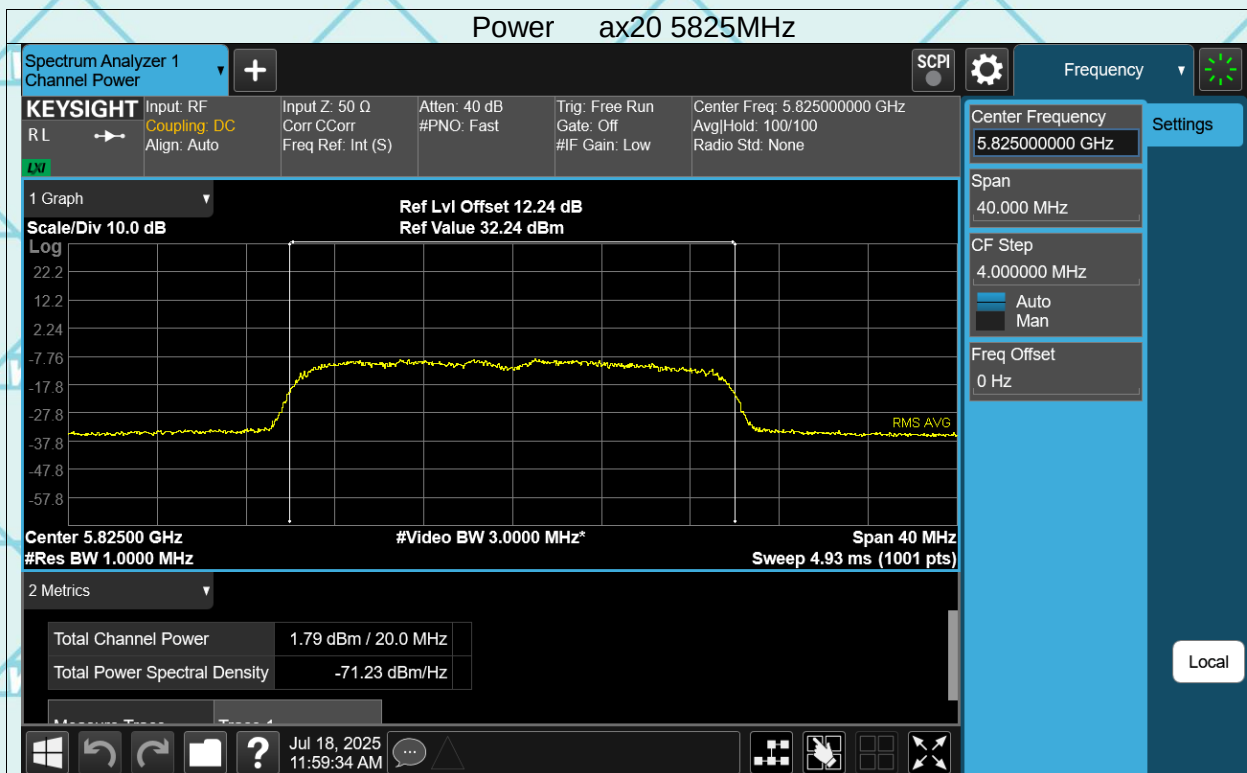
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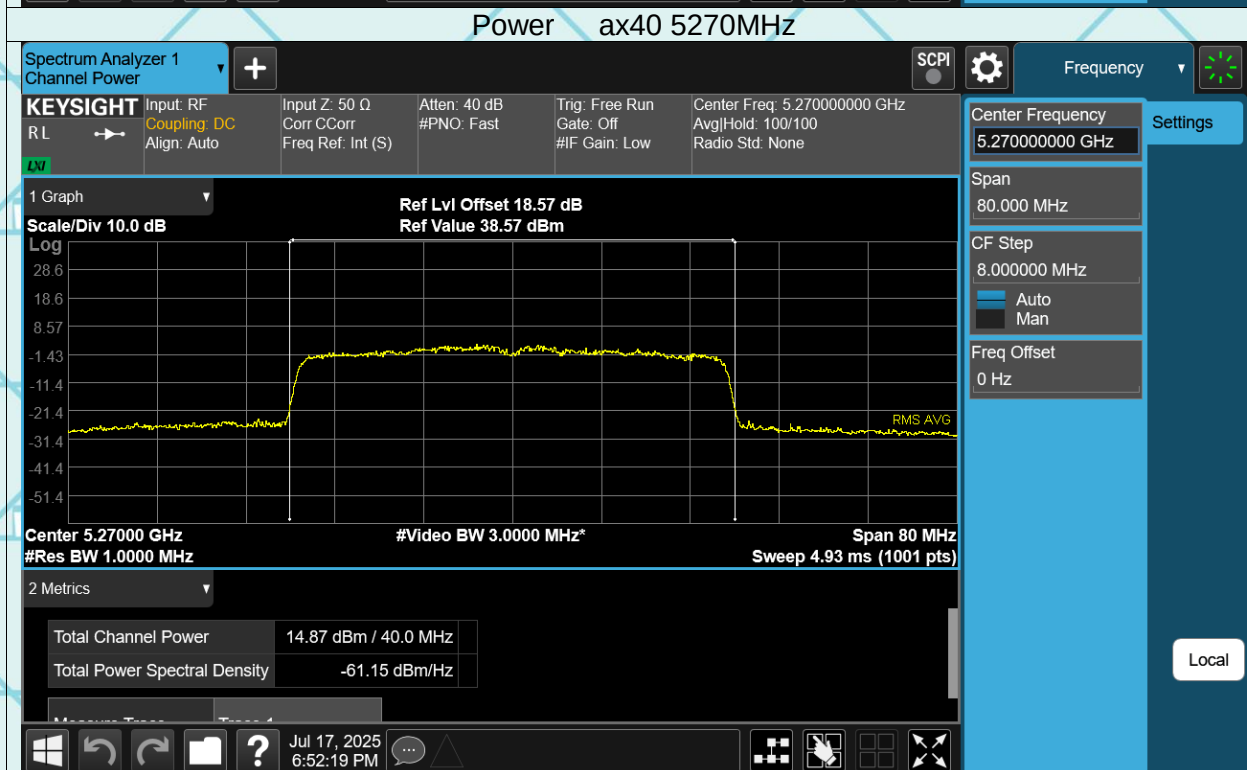
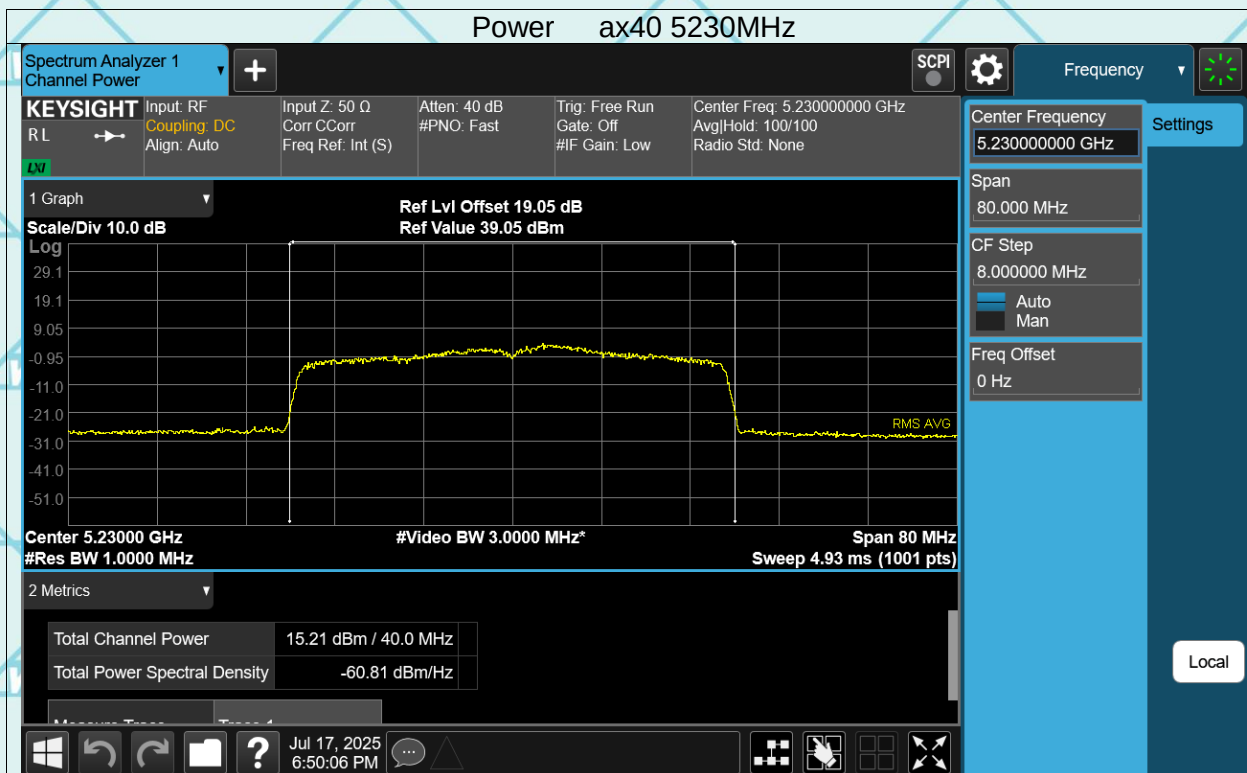
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