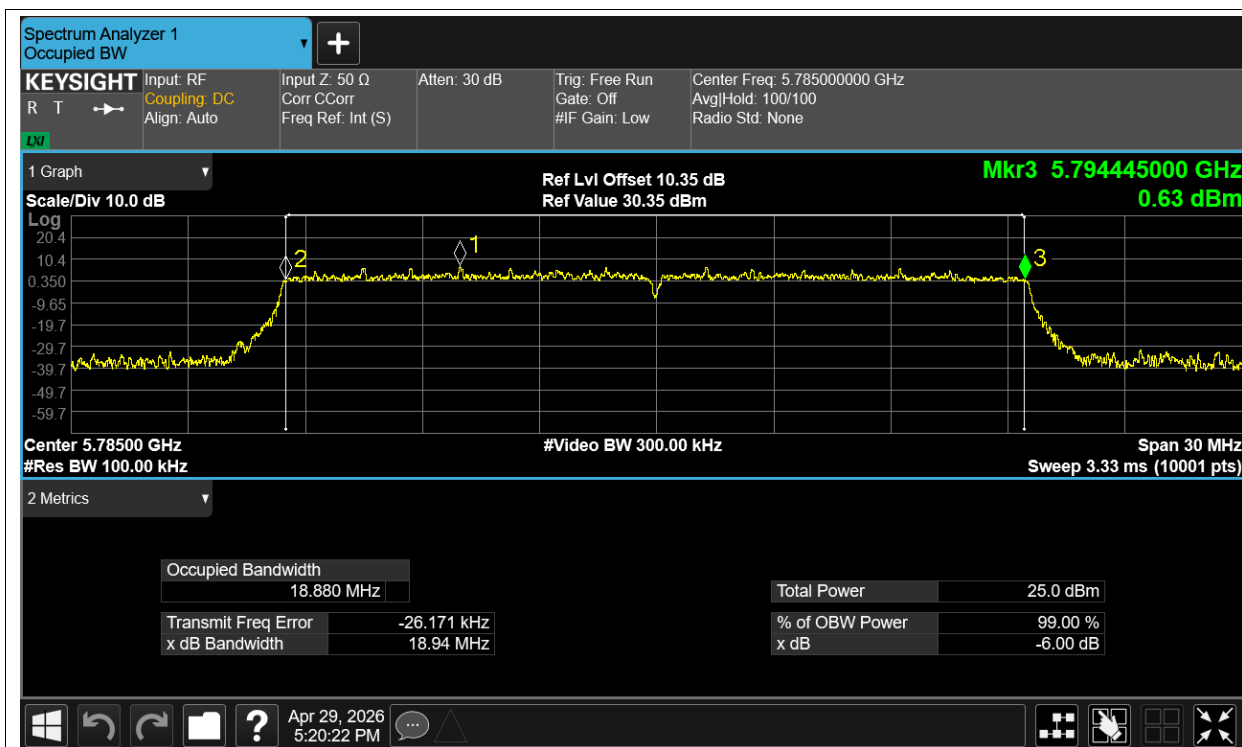
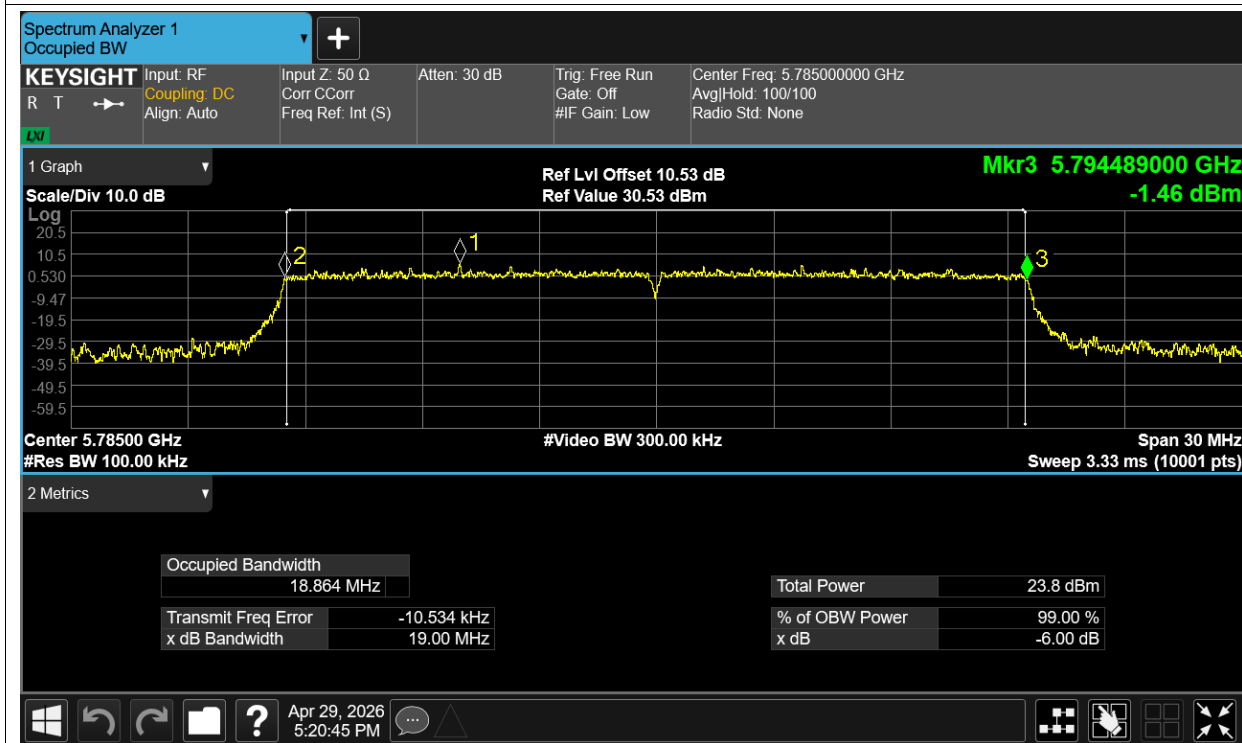
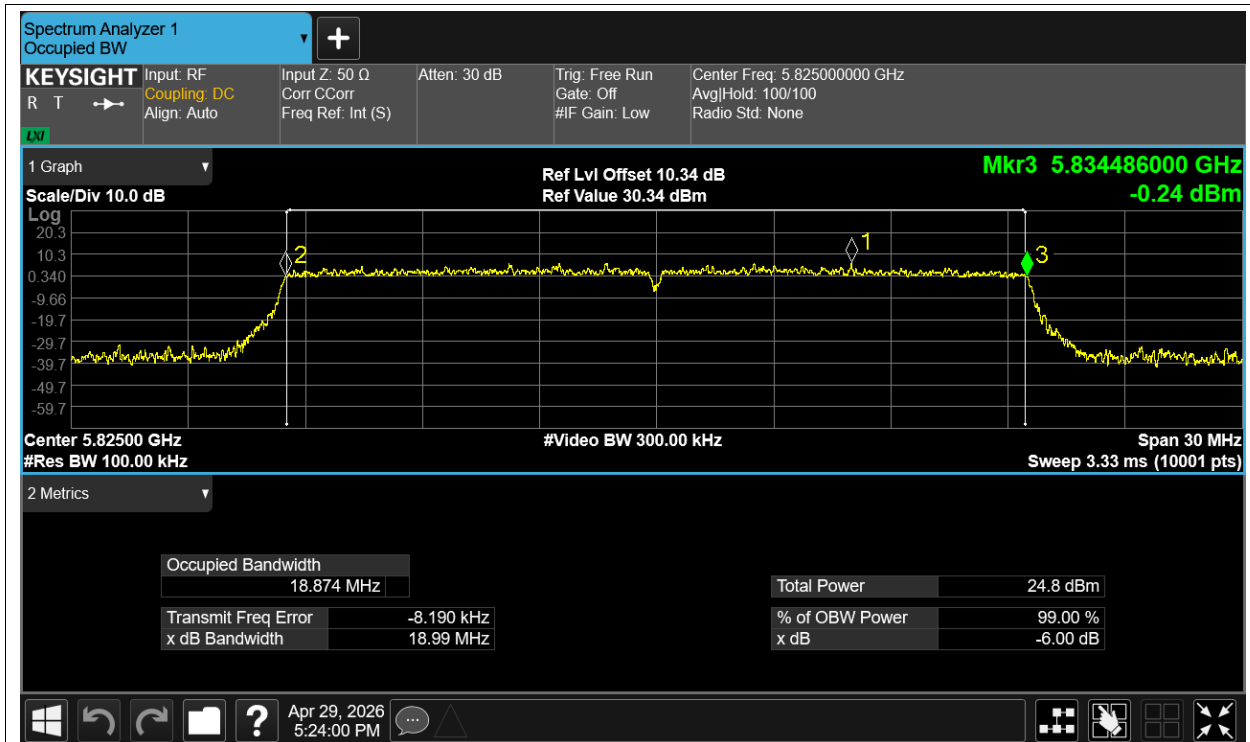




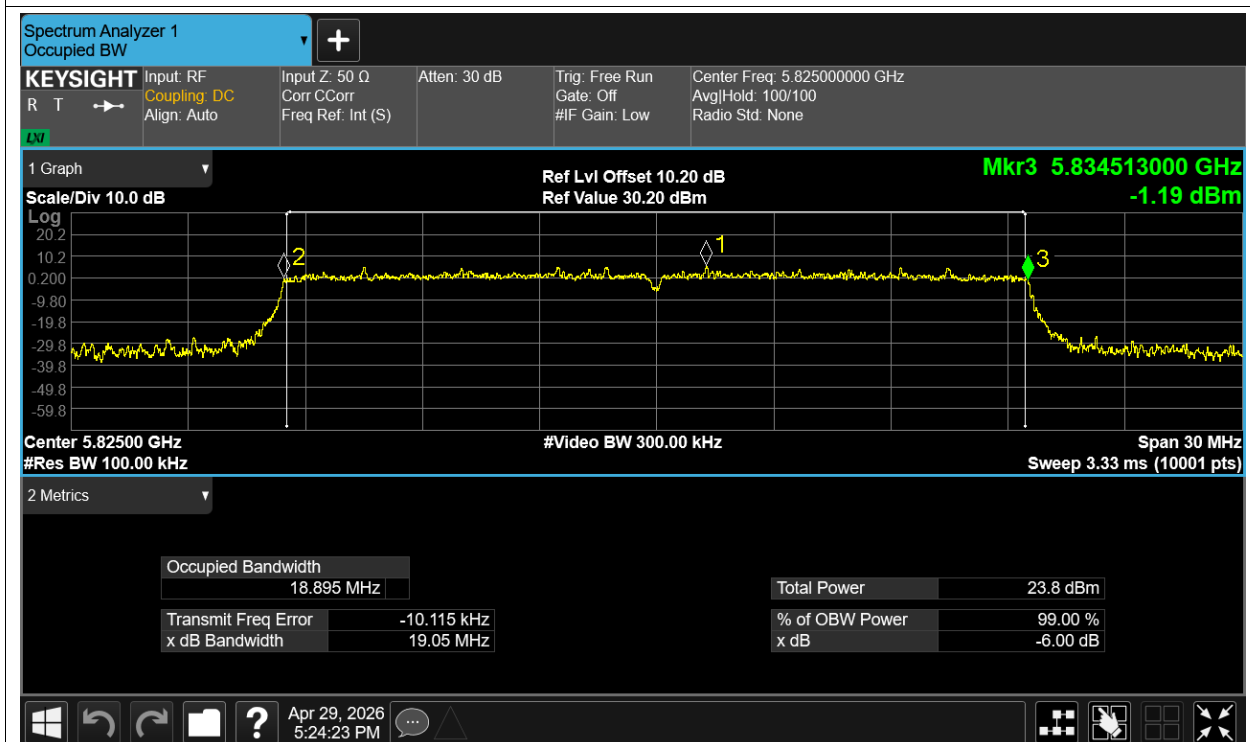
-6dB Bandwidth NVNT ax20 5785MHz Ant2



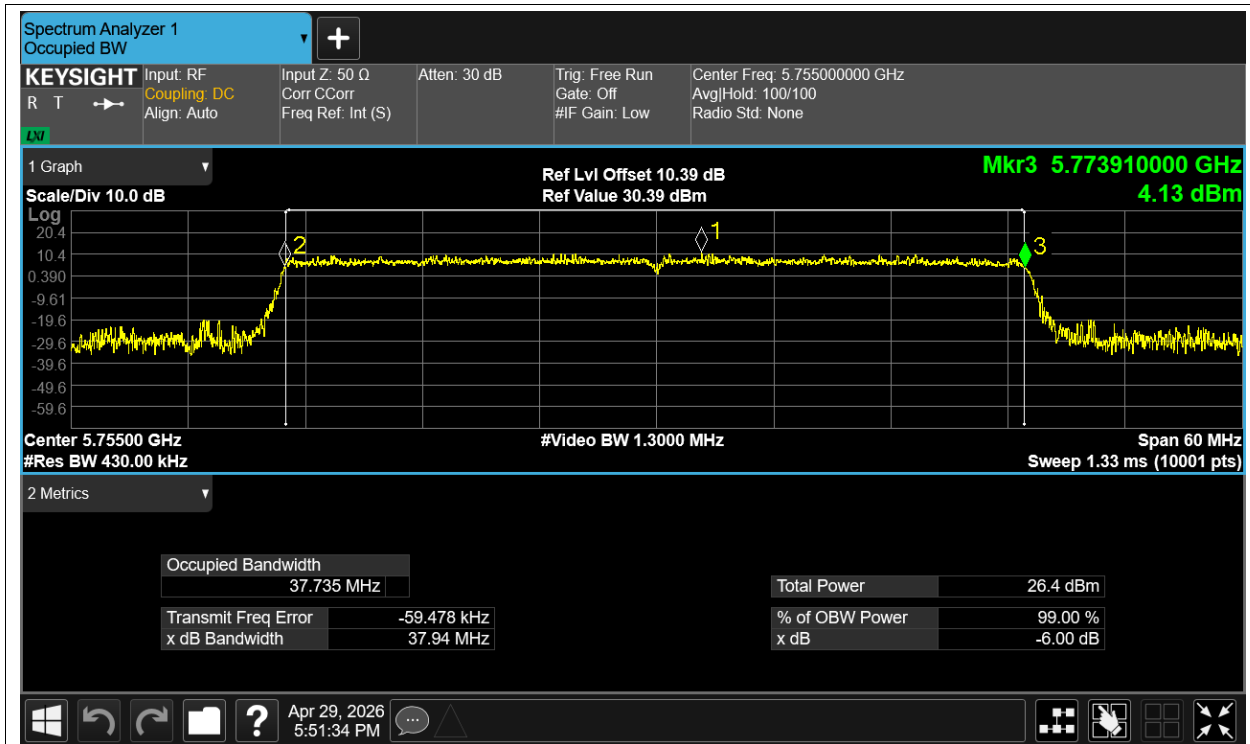
-6dB Bandwidth NVNT ax20 5825MHz Ant1



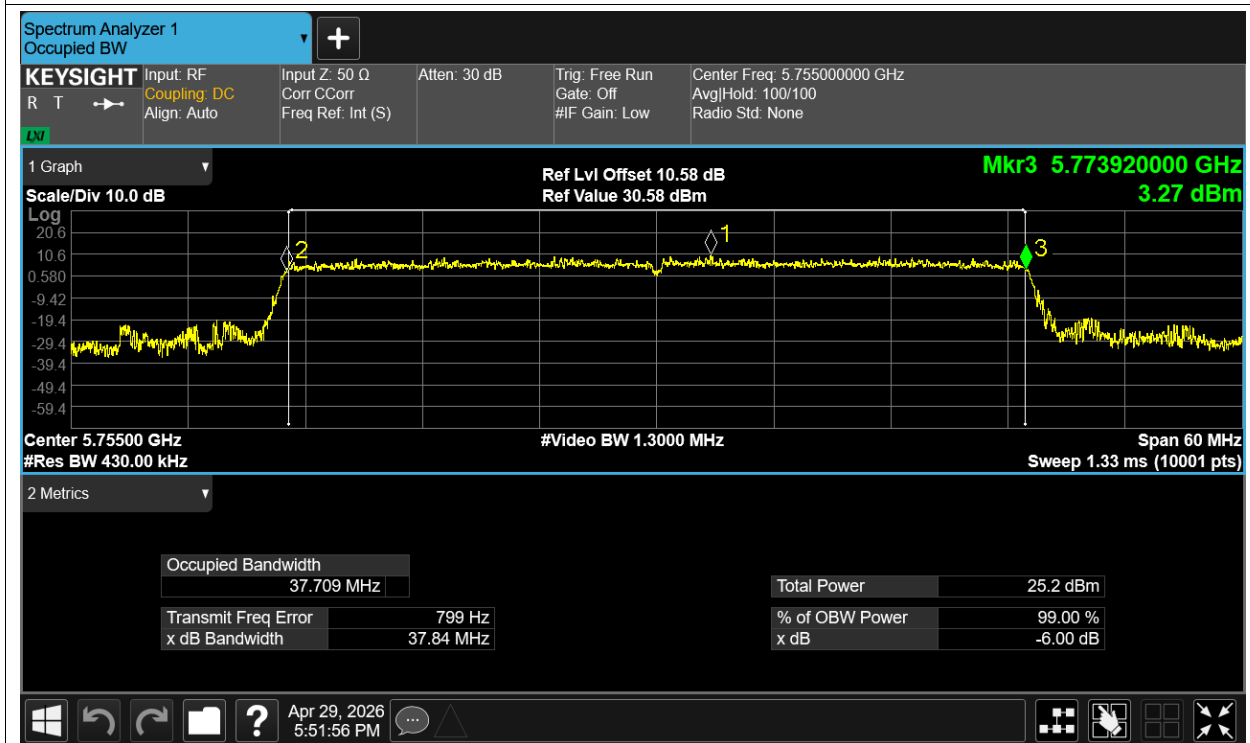
-6dB Bandwidth NVNT ax20 5825MHz Ant2



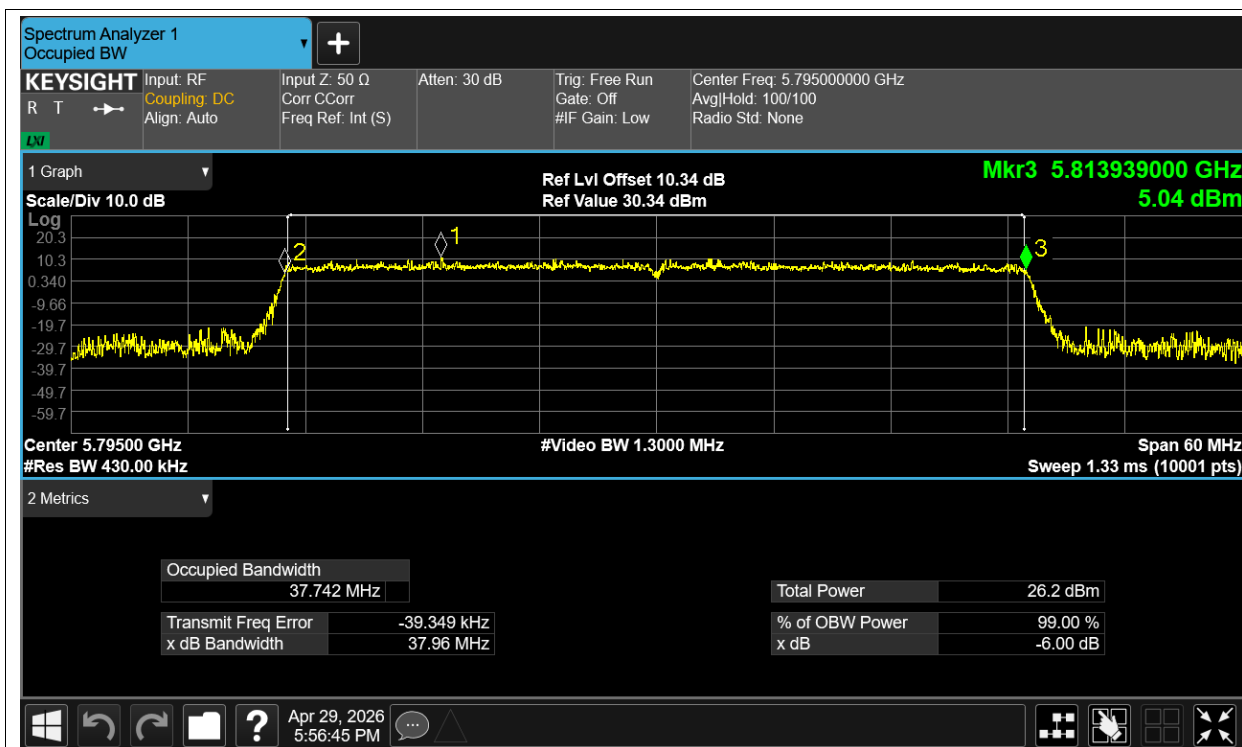
-6dB Bandwidth NVNT ax40 5755MHz Ant1



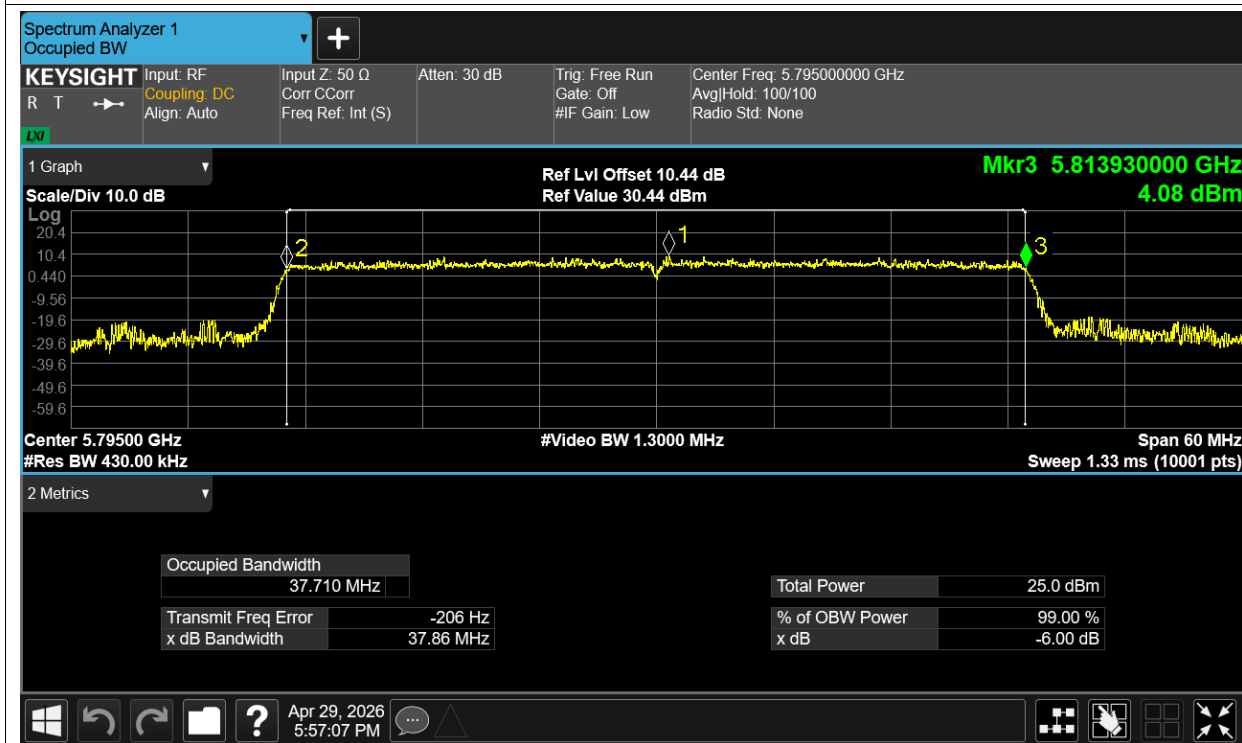
-6dB Bandwidth NVNT ax40 5755MHz Ant2



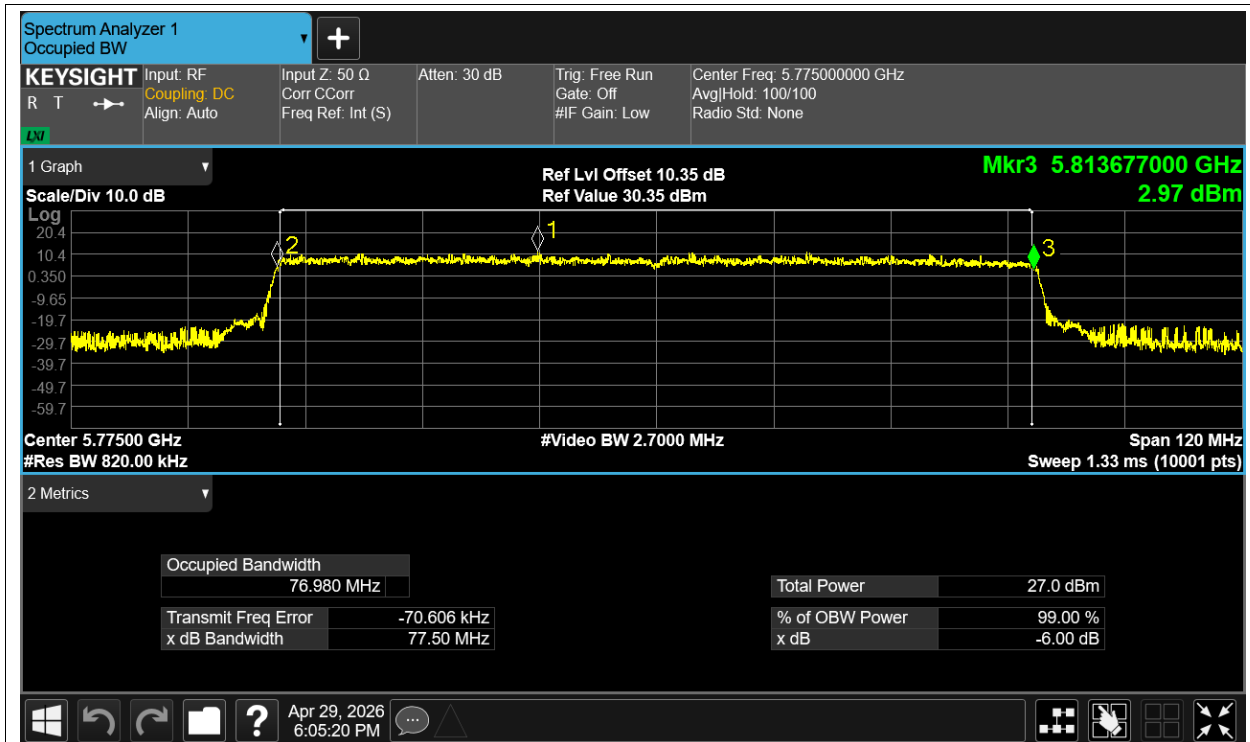
-6dB Bandwidth NVNT ax40 5795MHz Ant1



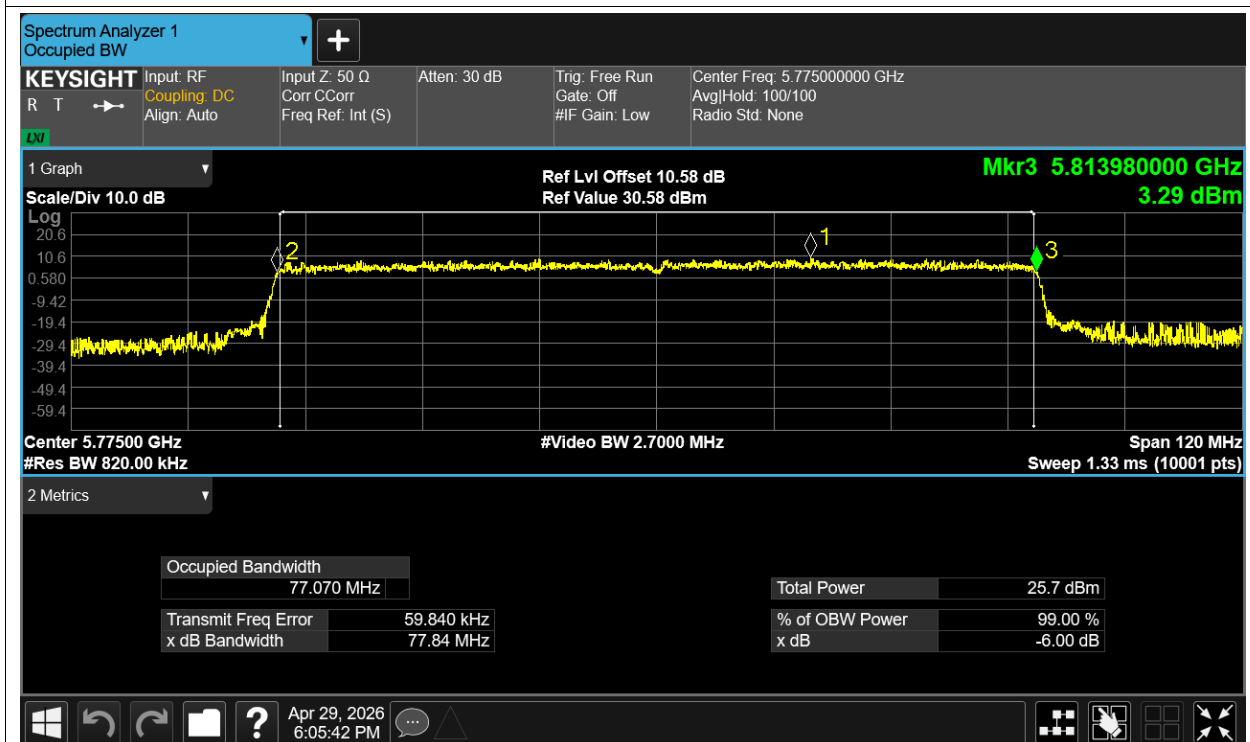
-6dB Bandwidth NVNT ax40 5795MHz Ant2



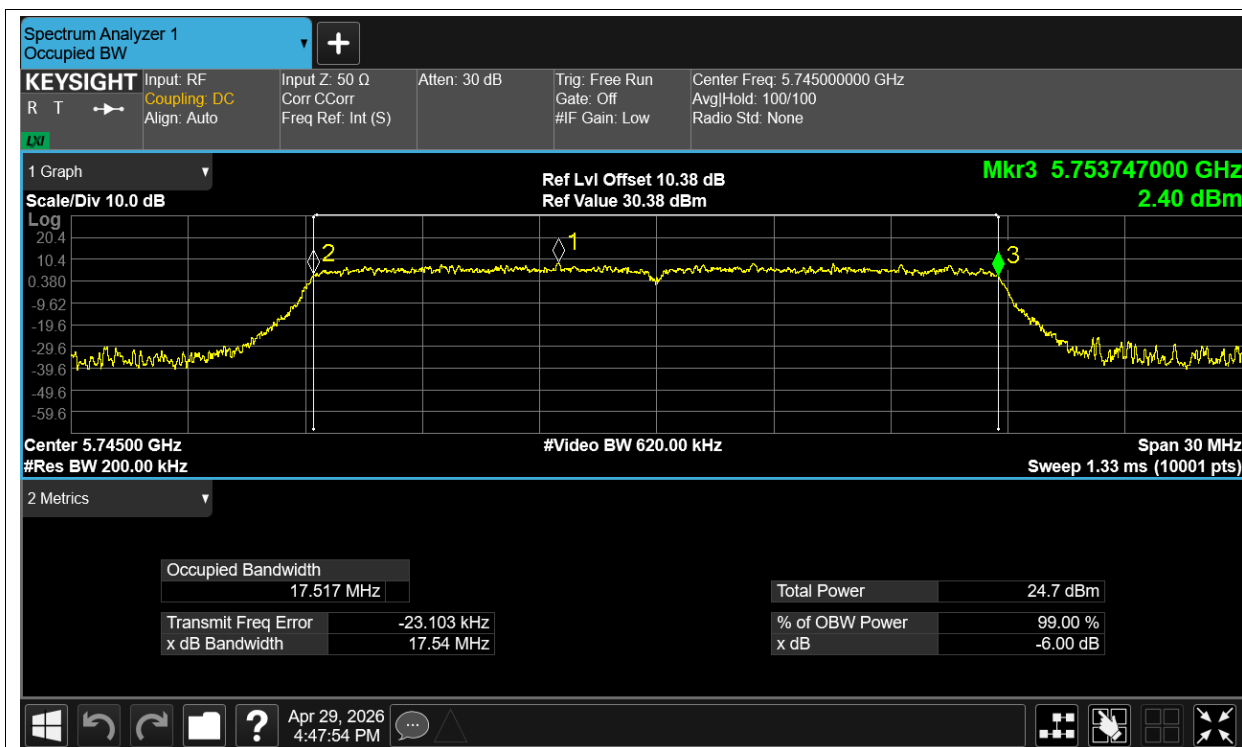
-6dB Bandwidth NVNT ax80 5775MHz Ant1



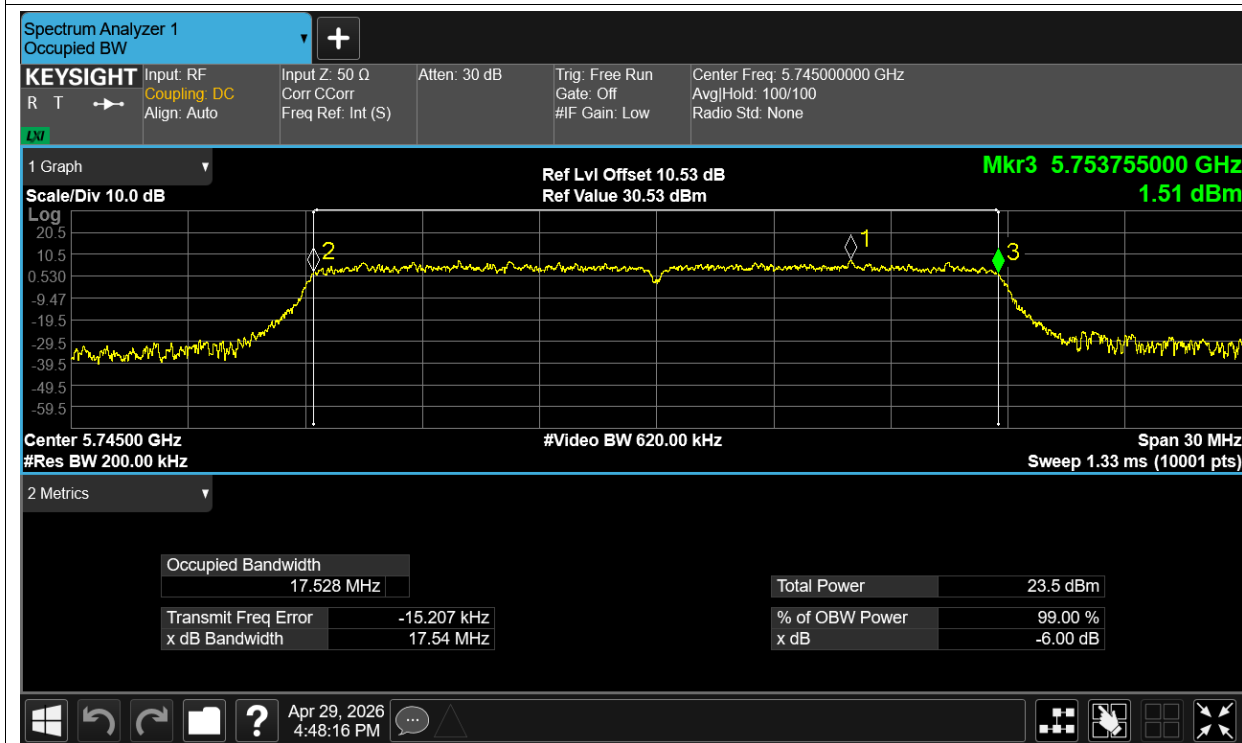
-6dB Bandwidth NVNT ax80 5775MHz Ant2



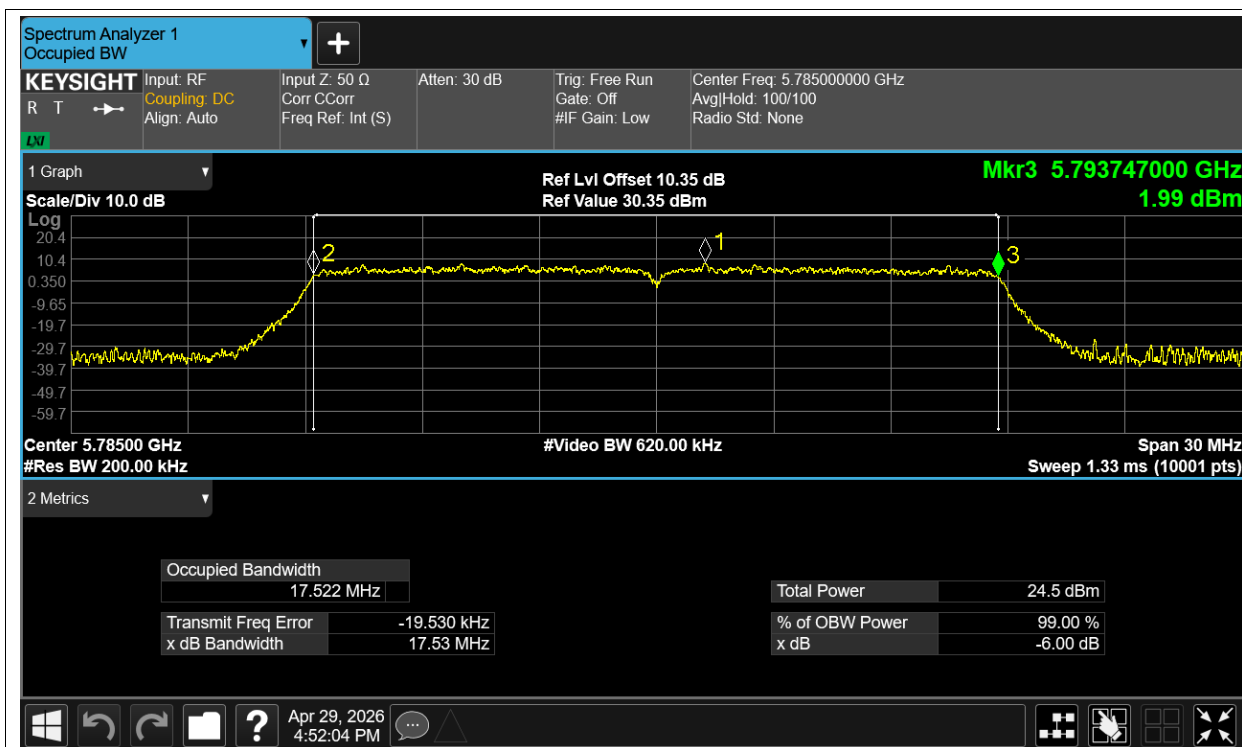
-6dB Bandwidth NVNT n20 5745MHz Ant1



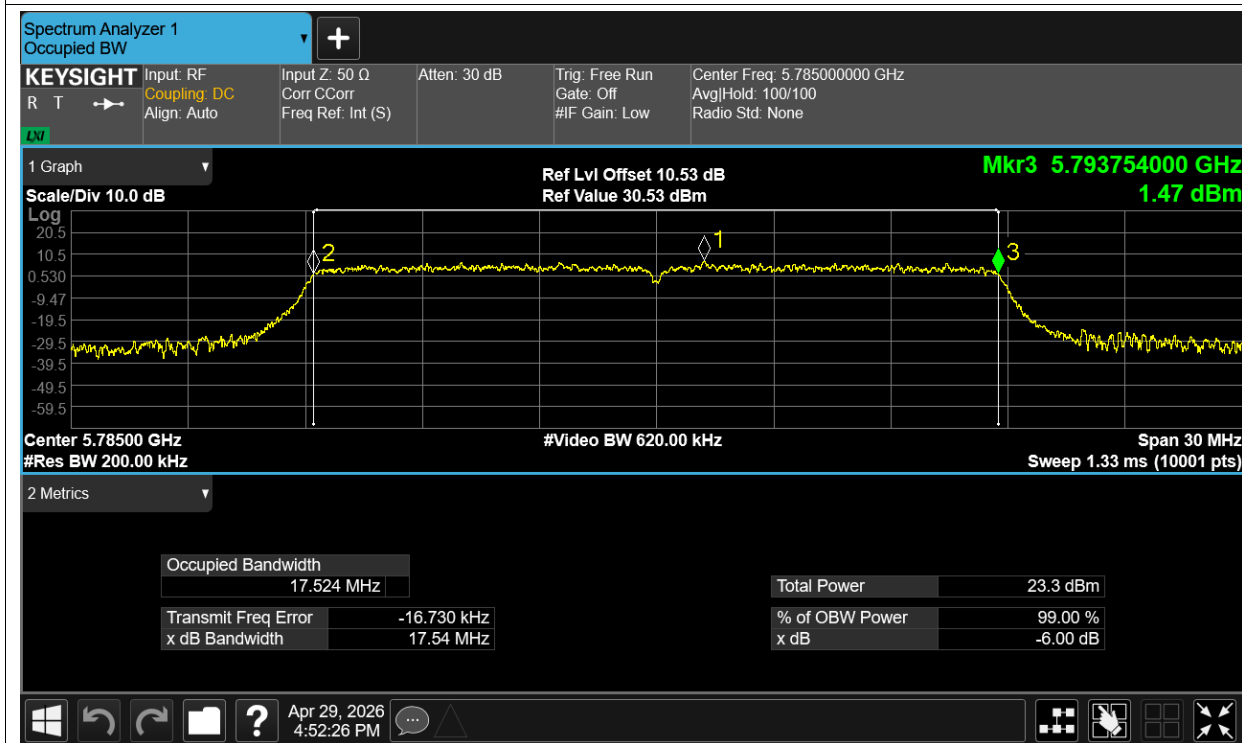
-6dB Bandwidth NVNT n20 5745MHz Ant2



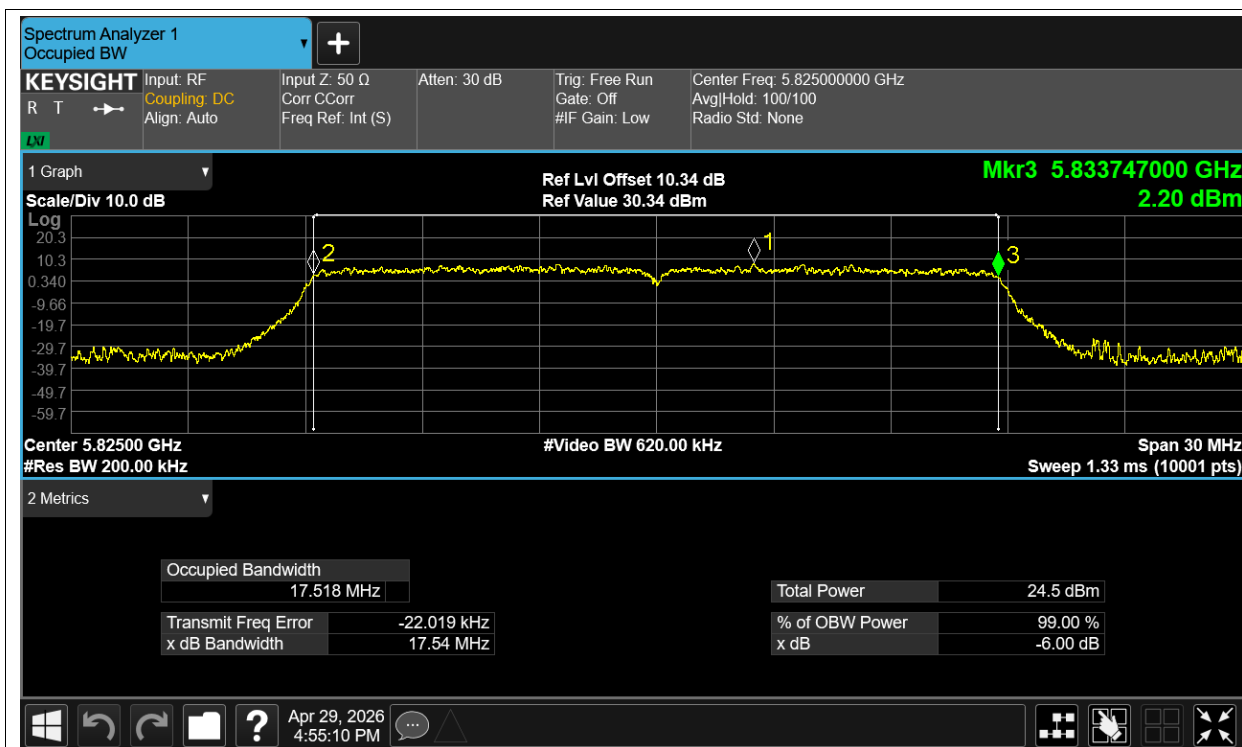
-6dB Bandwidth NVNT n20 5785MHz Ant1



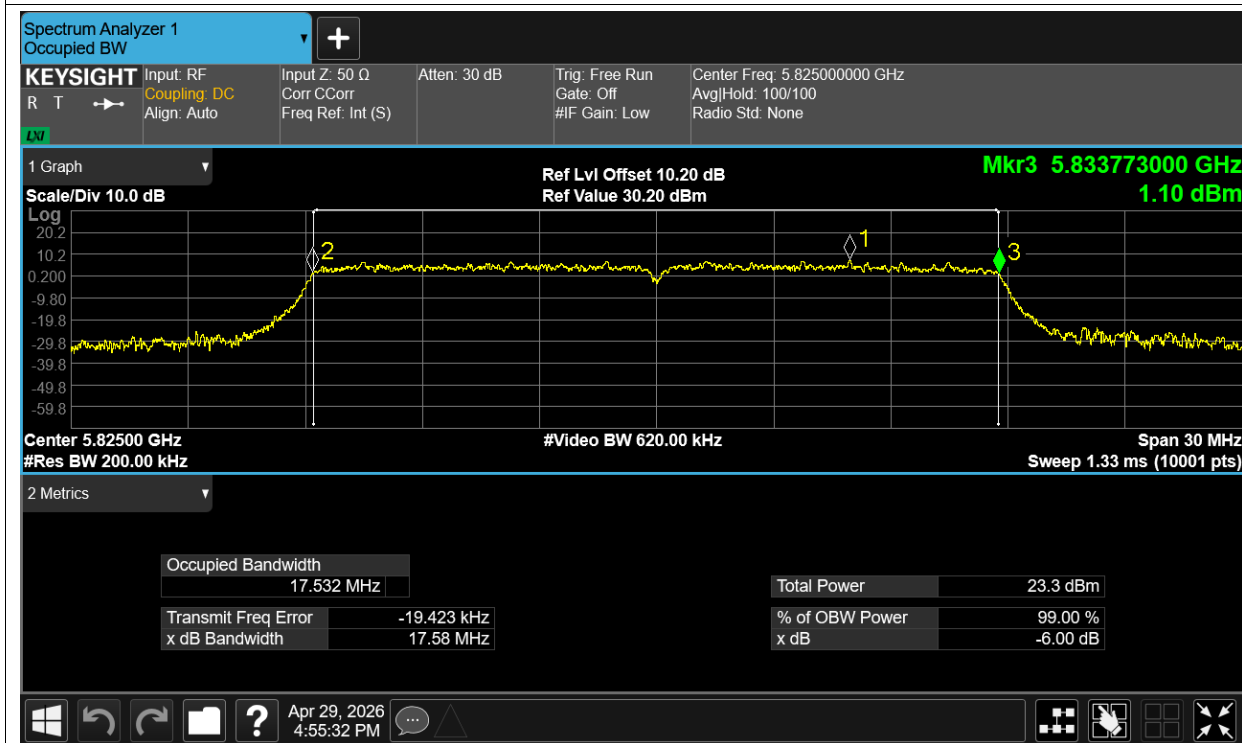
-6dB Bandwidth NVNT n20 5785MHz Ant2



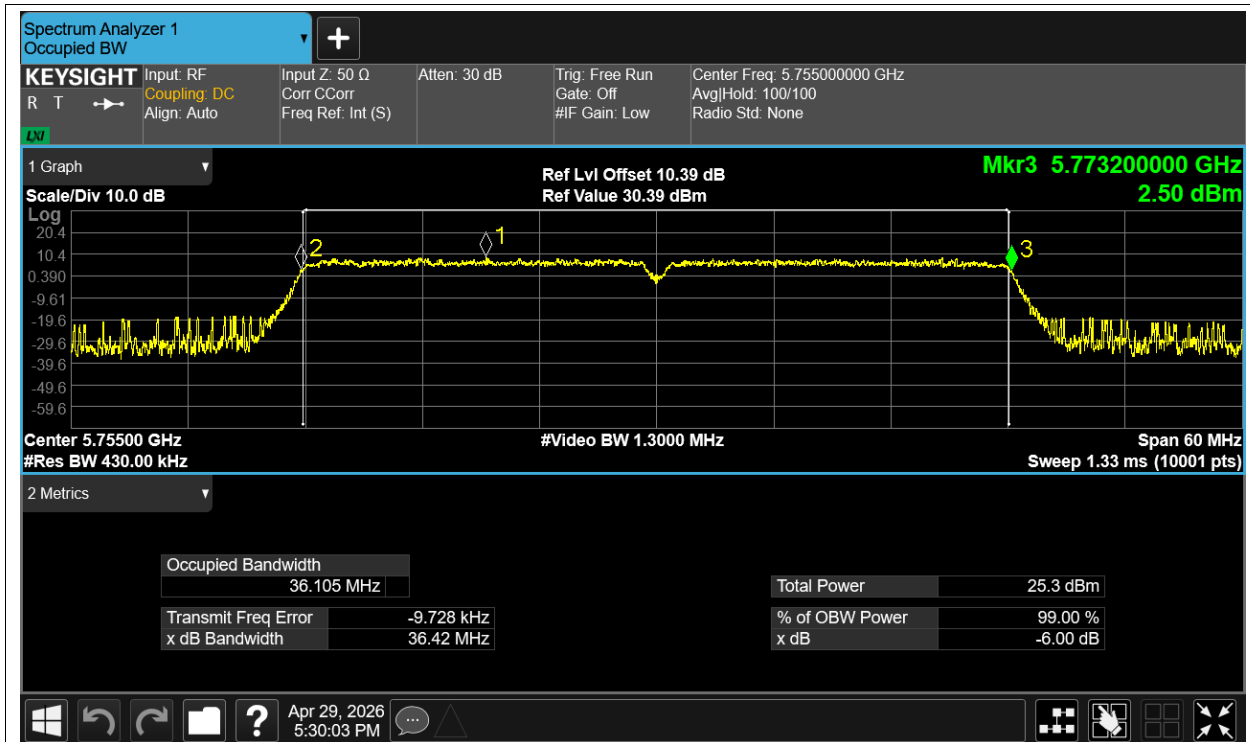
-6dB Bandwidth NVNT n20 5825MHz Ant1



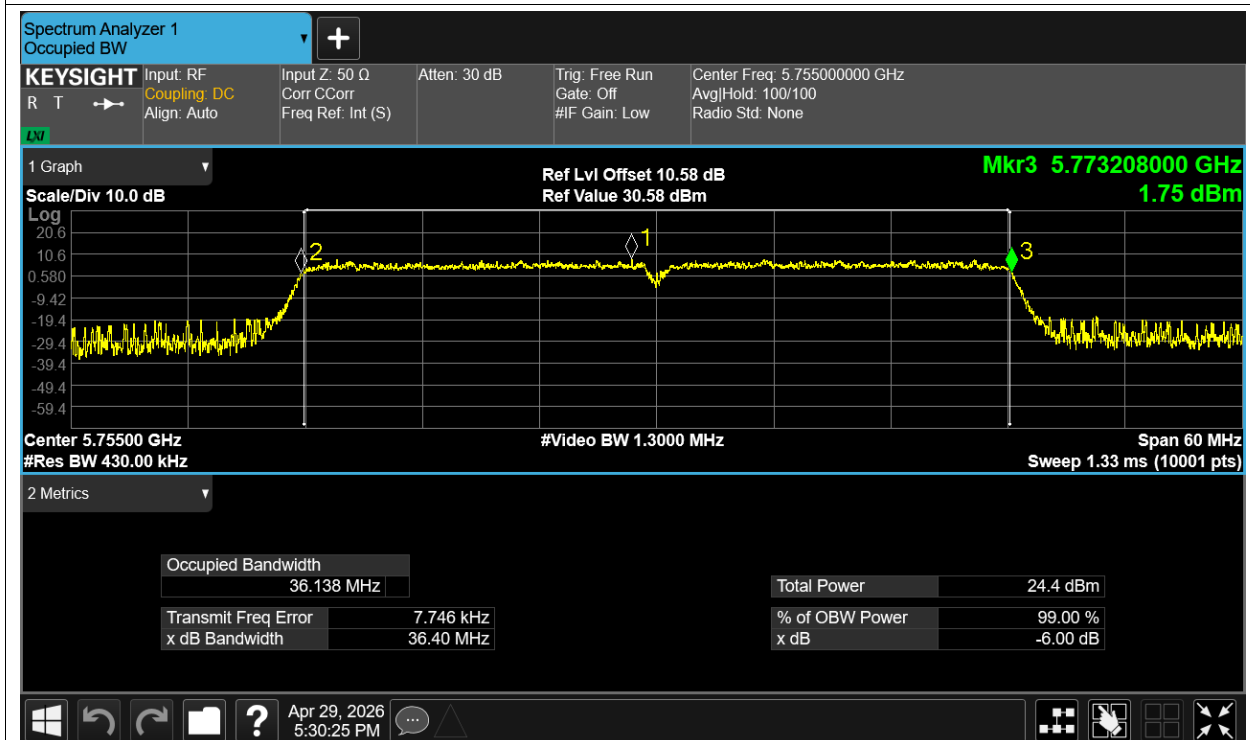
-6dB Bandwidth NVNT n20 5825MHz Ant2



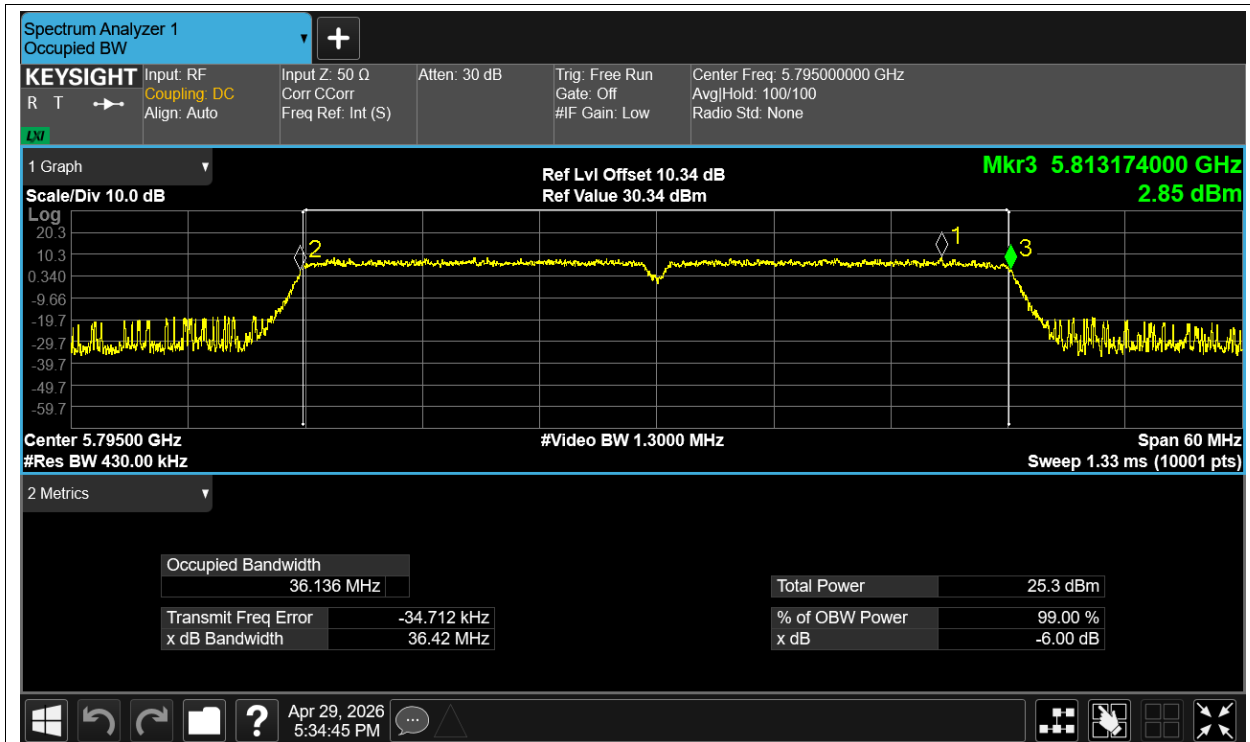
-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant2

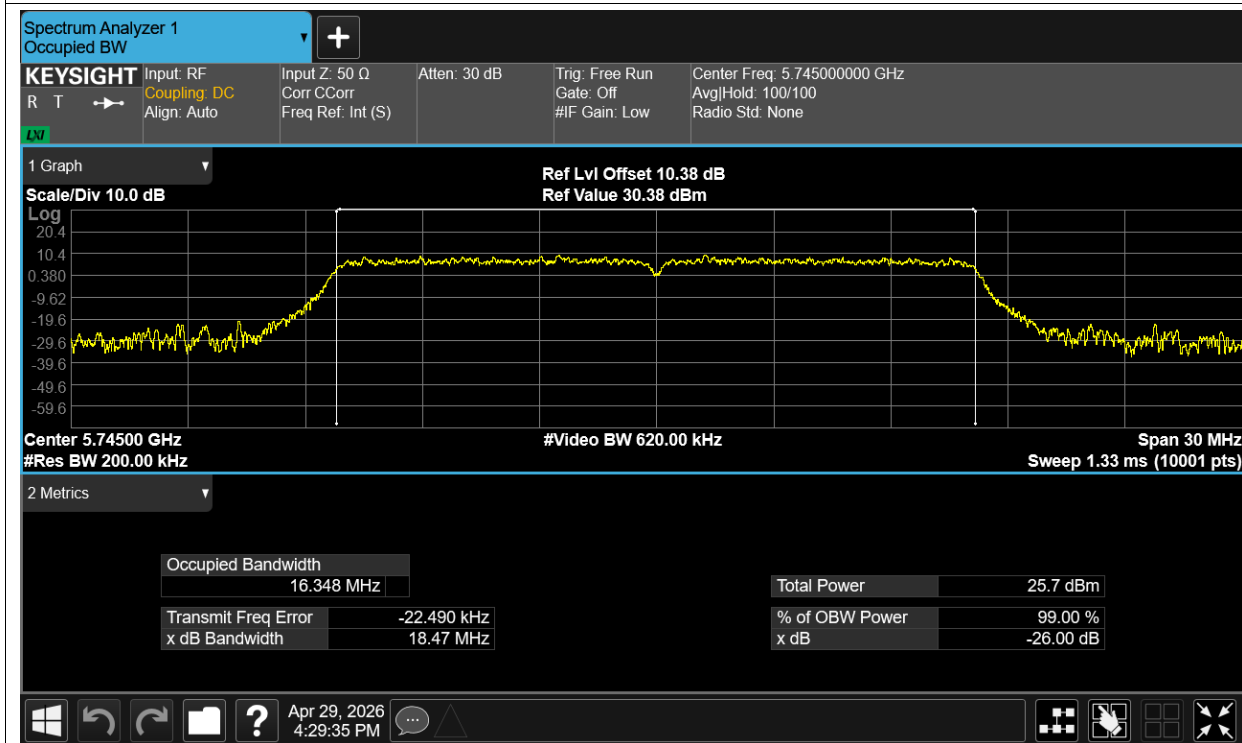


Occupied Channel Bandwidth

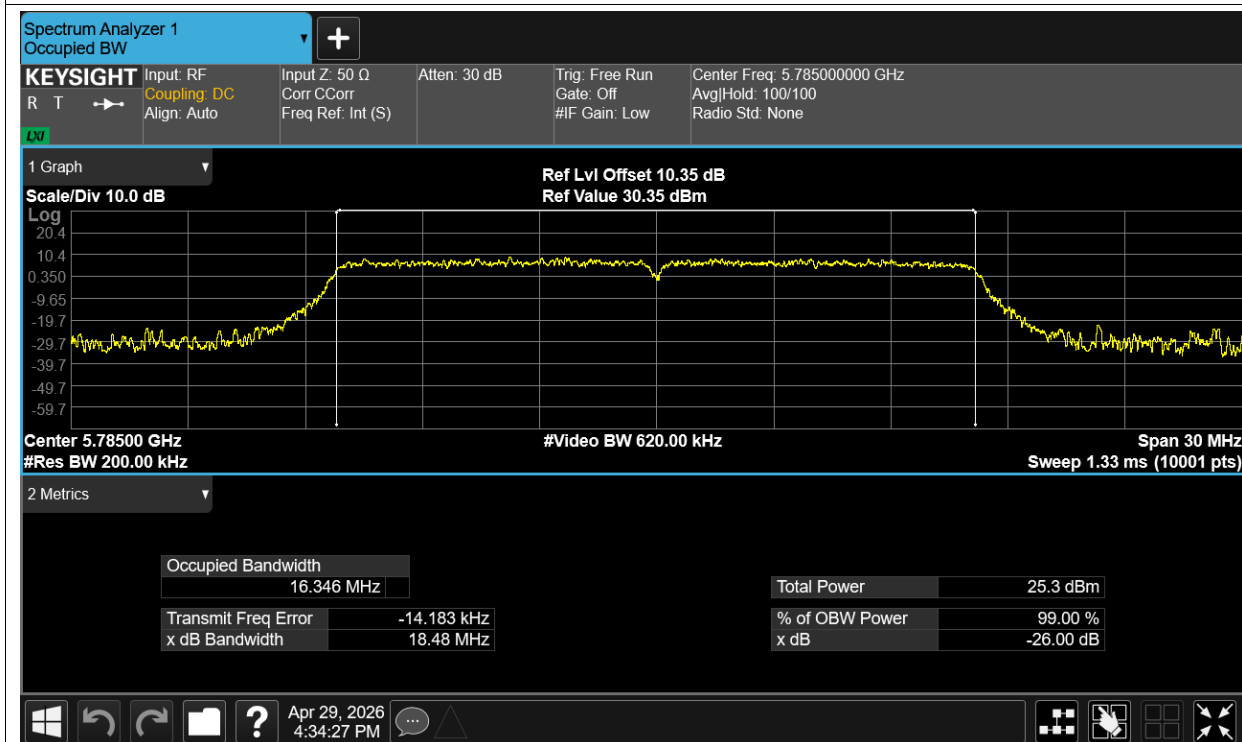
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.348
NVNT	a	5785	Ant1	16.346
NVNT	a	5825	Ant1	16.356
NVNT	a	5745	Ant2	16.355
NVNT	a	5785	Ant2	16.366
NVNT	a	5825	Ant2	16.351
NVNT	ac20	5745	Ant1	17.524
NVNT	ac20	5745	Ant2	17.54
NVNT	ac20	5785	Ant1	17.526
NVNT	ac20	5785	Ant2	17.541
NVNT	ac20	5825	Ant1	17.526
NVNT	ac20	5825	Ant2	17.535
NVNT	ac40	5755	Ant1	36.058
NVNT	ac40	5755	Ant2	36.078
NVNT	ac40	5795	Ant1	36.077
NVNT	ac40	5795	Ant2	36.102
NVNT	ac80	5775	Ant1	75.493
NVNT	ac80	5775	Ant2	75.505
NVNT	ax20	5745	Ant1	18.899
NVNT	ax20	5745	Ant2	18.886
NVNT	ax20	5785	Ant1	18.873
NVNT	ax20	5785	Ant2	18.895
NVNT	ax20	5825	Ant1	18.881
NVNT	ax20	5825	Ant2	18.887
NVNT	ax40	5755	Ant1	37.743
NVNT	ax40	5755	Ant2	37.713
NVNT	ax40	5795	Ant1	37.72
NVNT	ax40	5795	Ant2	37.734
NVNT	ax80	5775	Ant1	77.014
NVNT	ax80	5775	Ant2	77.073
NVNT	n20	5745	Ant1	17.527
NVNT	n20	5745	Ant2	17.528
NVNT	n20	5785	Ant1	17.521
NVNT	n20	5785	Ant2	17.526
NVNT	n20	5825	Ant1	17.527
NVNT	n20	5825	Ant2	17.541
NVNT	n40	5755	Ant1	36.113
NVNT	n40	5755	Ant2	36.103
NVNT	n40	5795	Ant1	36.12
NVNT	n40	5795	Ant2	36.091

Test Graphs

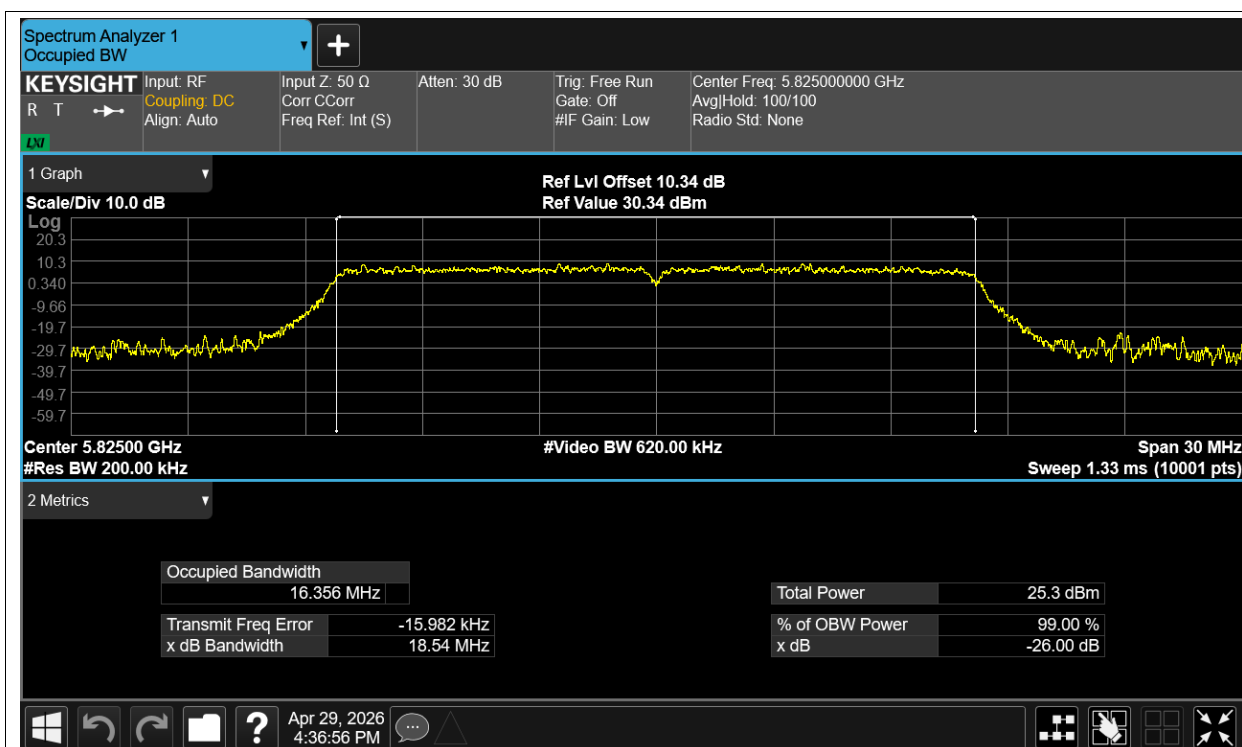
OBW NVNT a 5745MHz Ant1



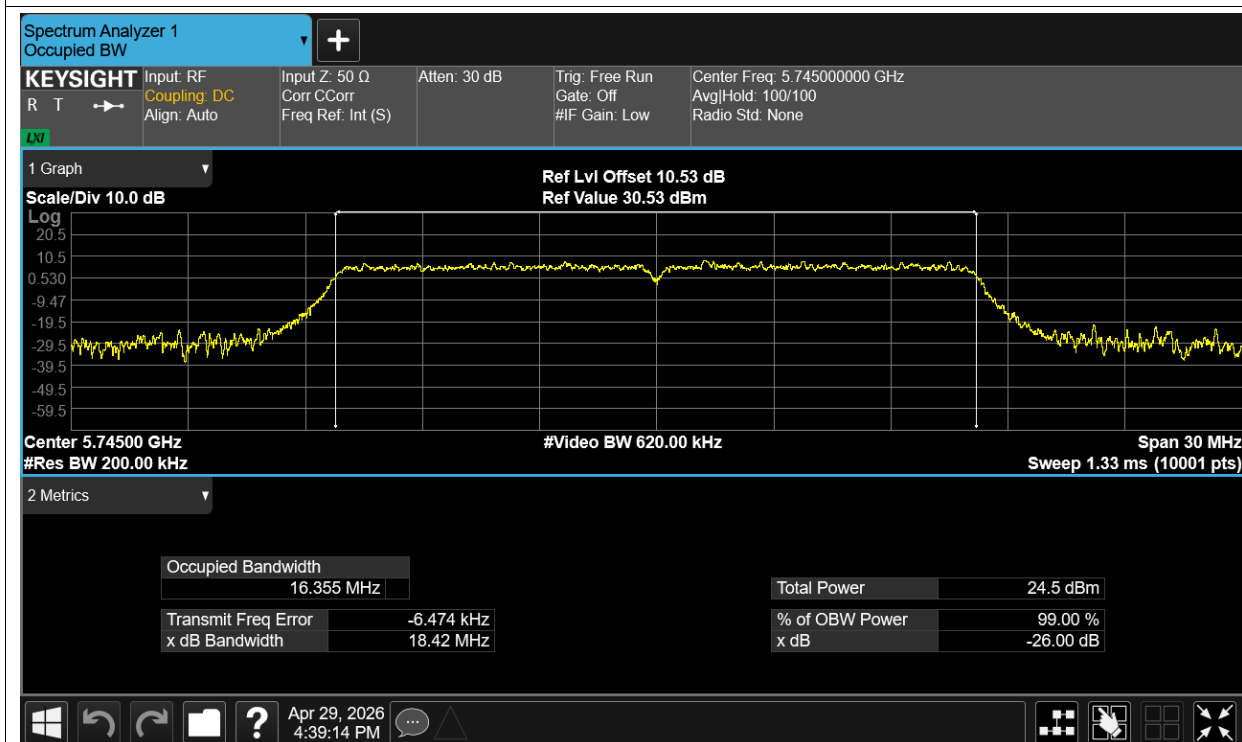
OBW NVNT a 5785MHz Ant1



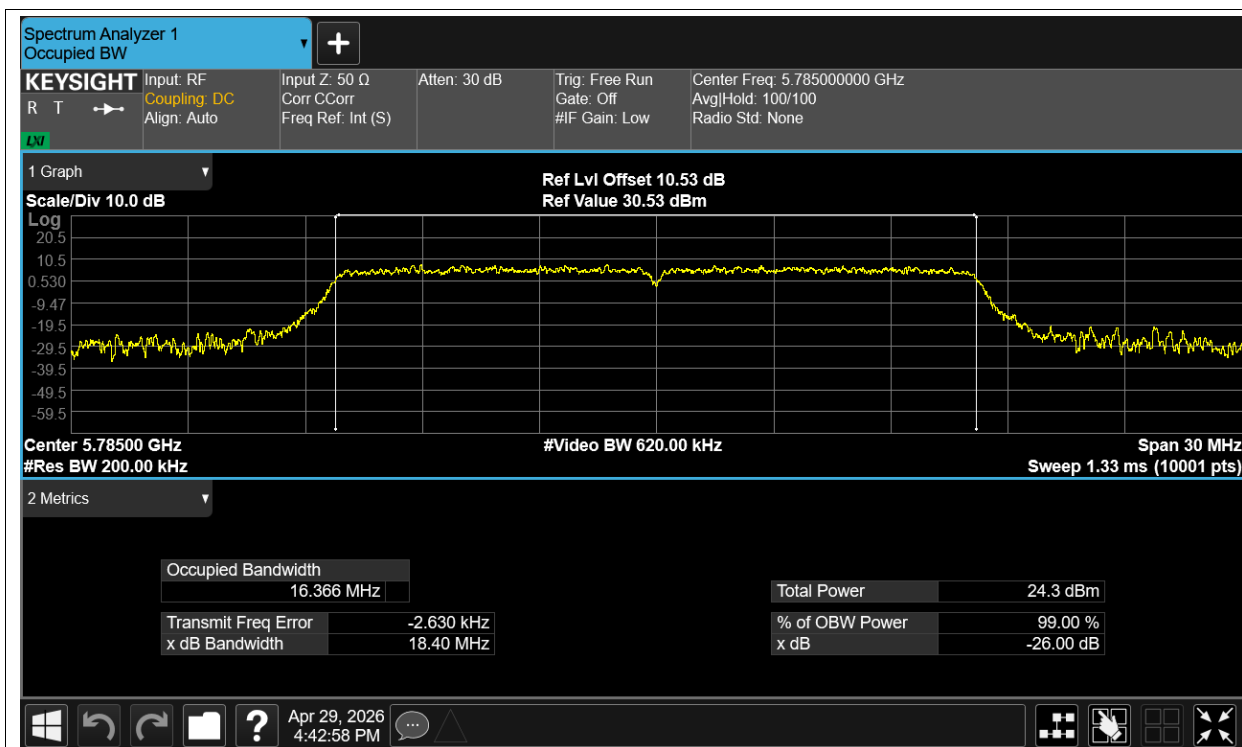
OBW NVNT a 5825MHz Ant1



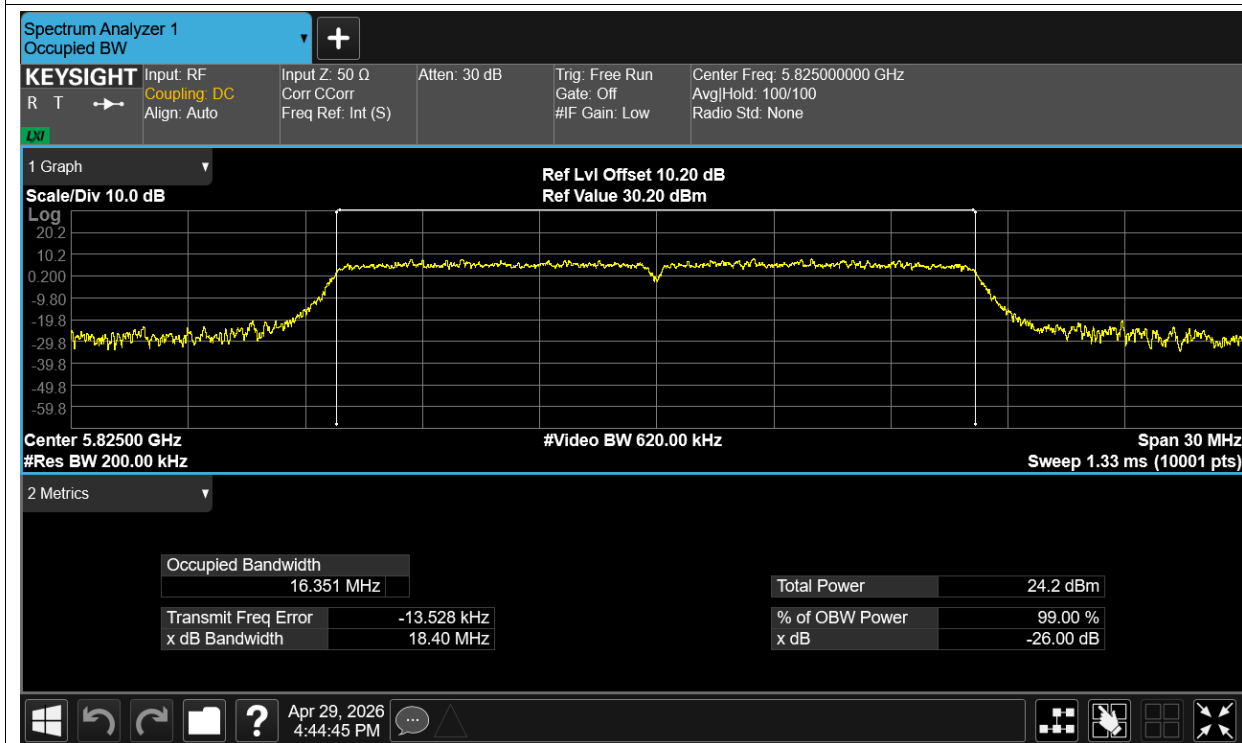
OBW NVNT a 5745MHz Ant2



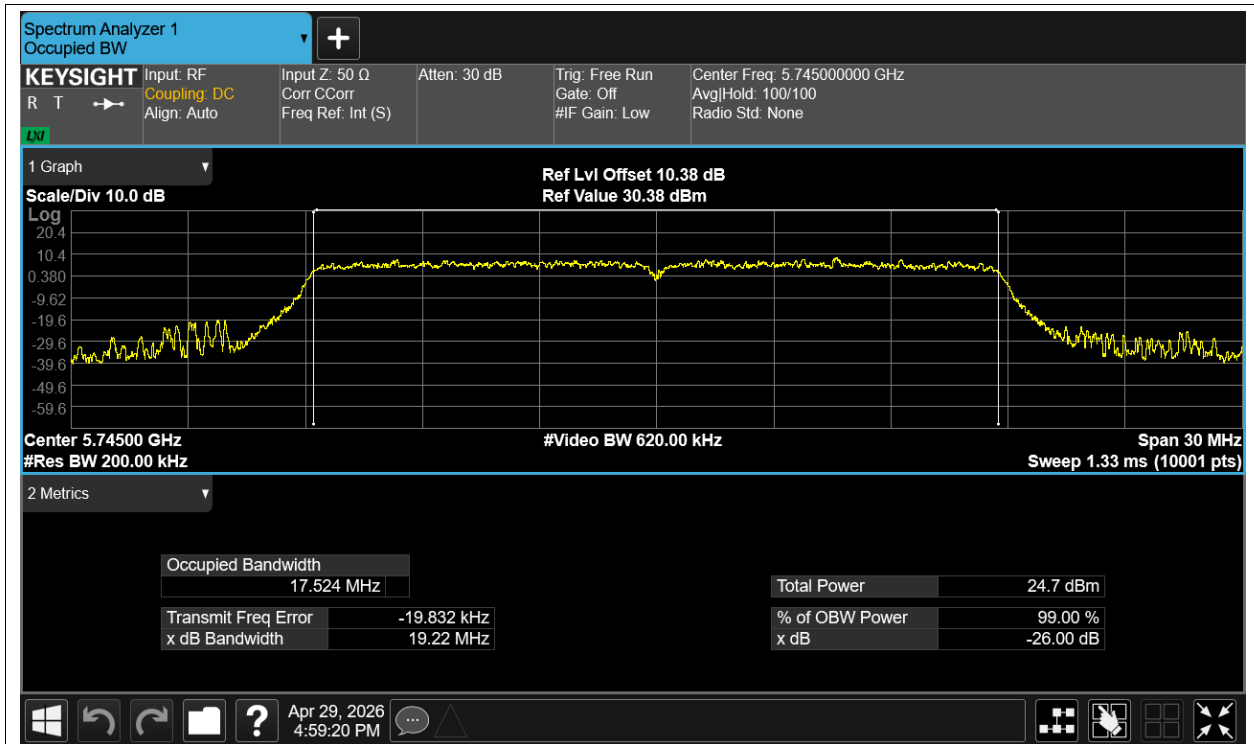
OBW NVNT a 5785MHz Ant2



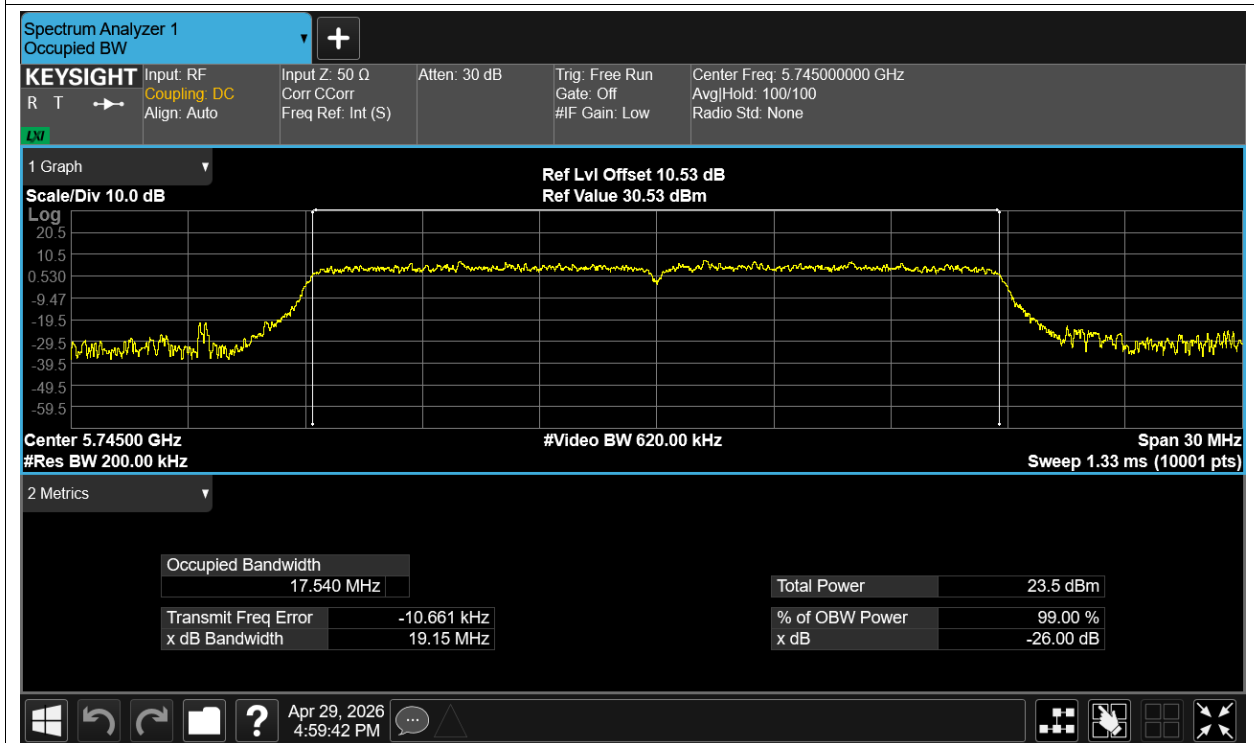
OBW NVNT a 5825MHz Ant2



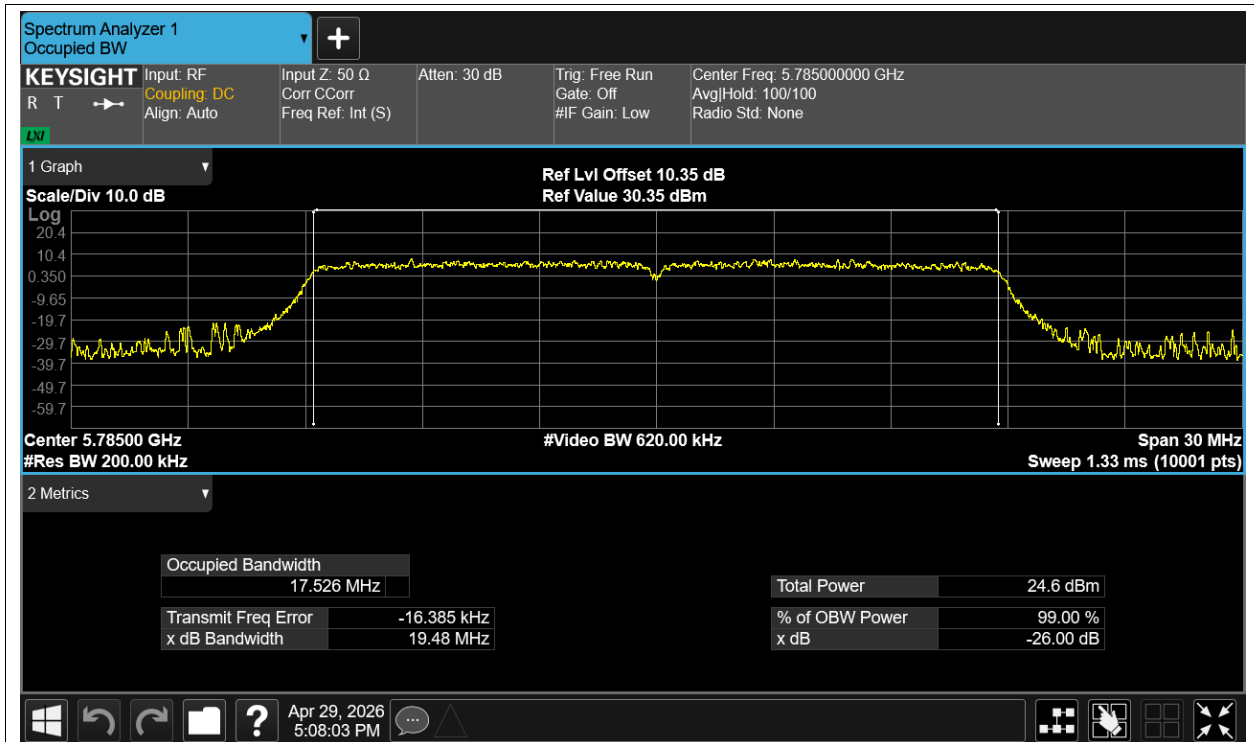
OBW NVNT ac20 5745MHz Ant1



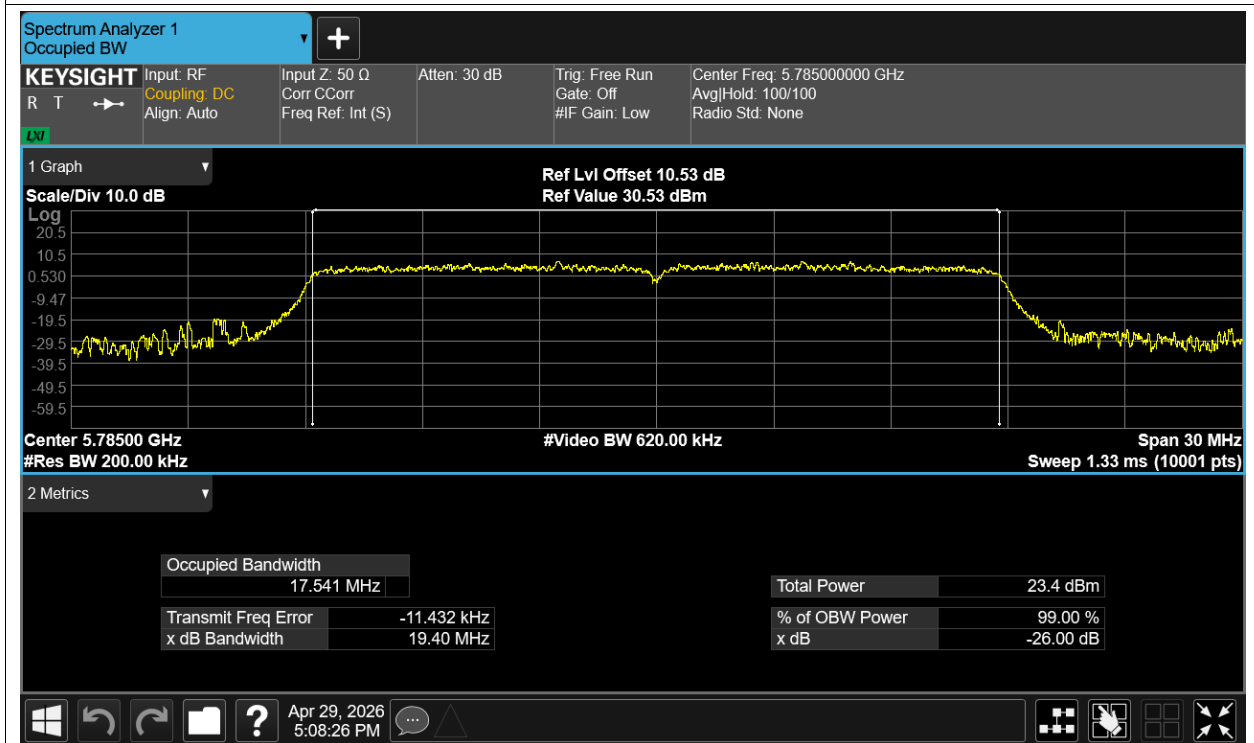
OBW NVNT ac20 5745MHz Ant2



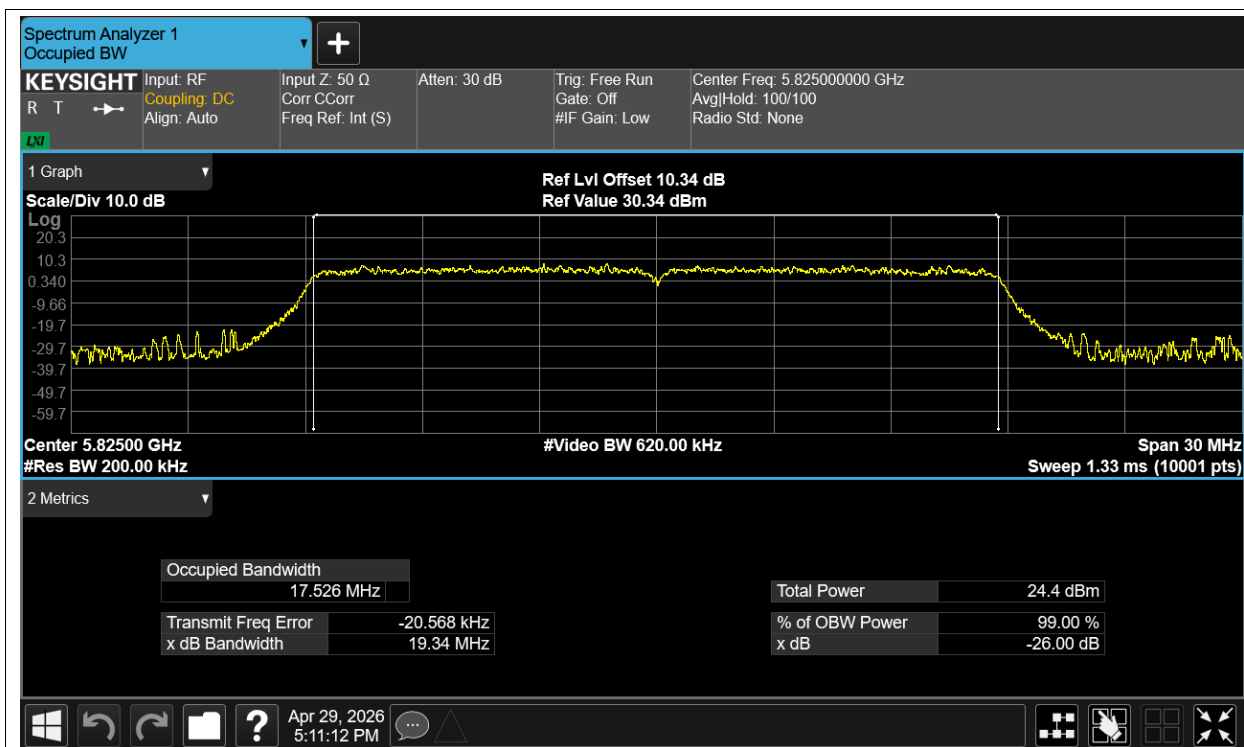
OBW NVNT ac20 5785MHz Ant1



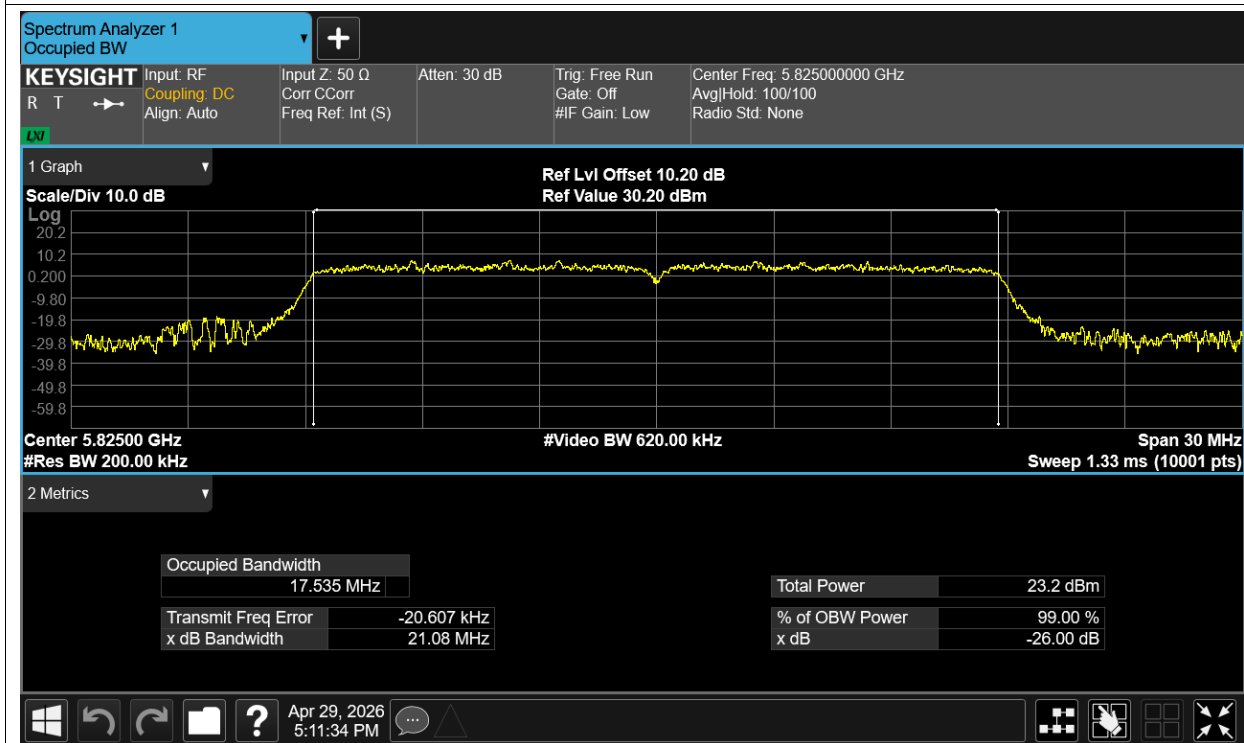
OBW NVNT ac20 5785MHz Ant2



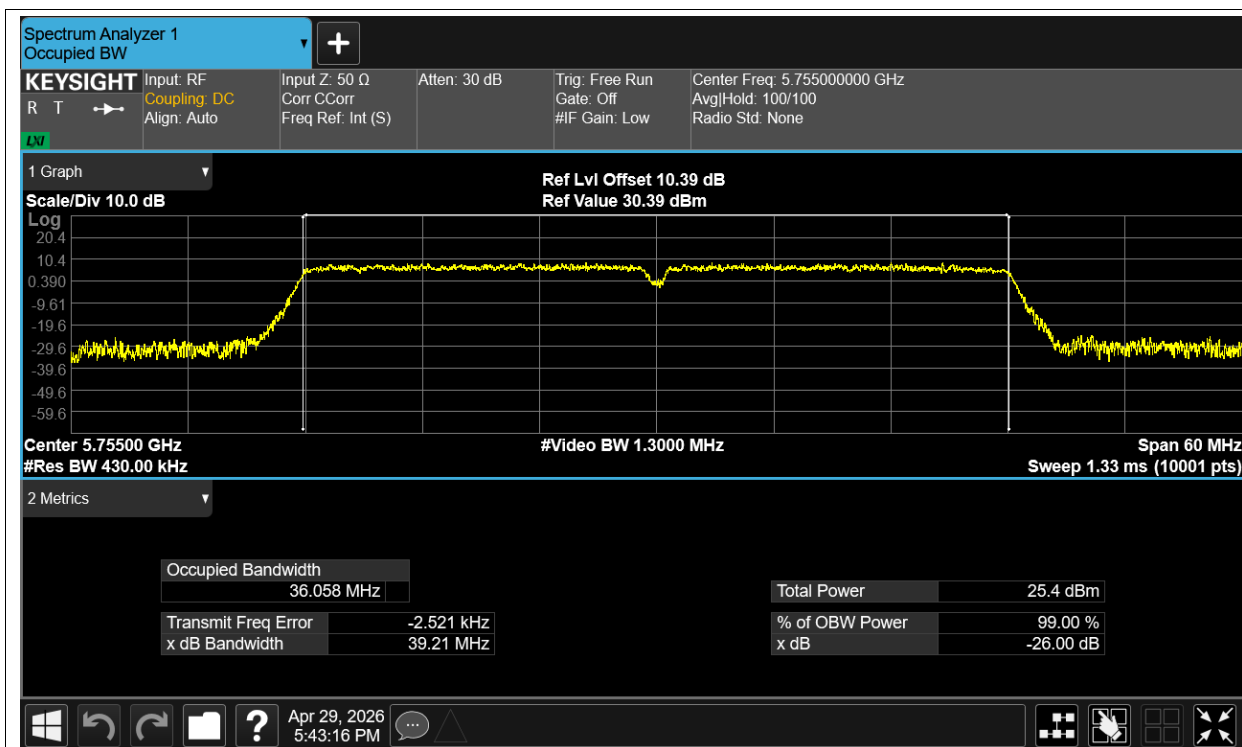
OBW NVNT ac20 5825MHz Ant1



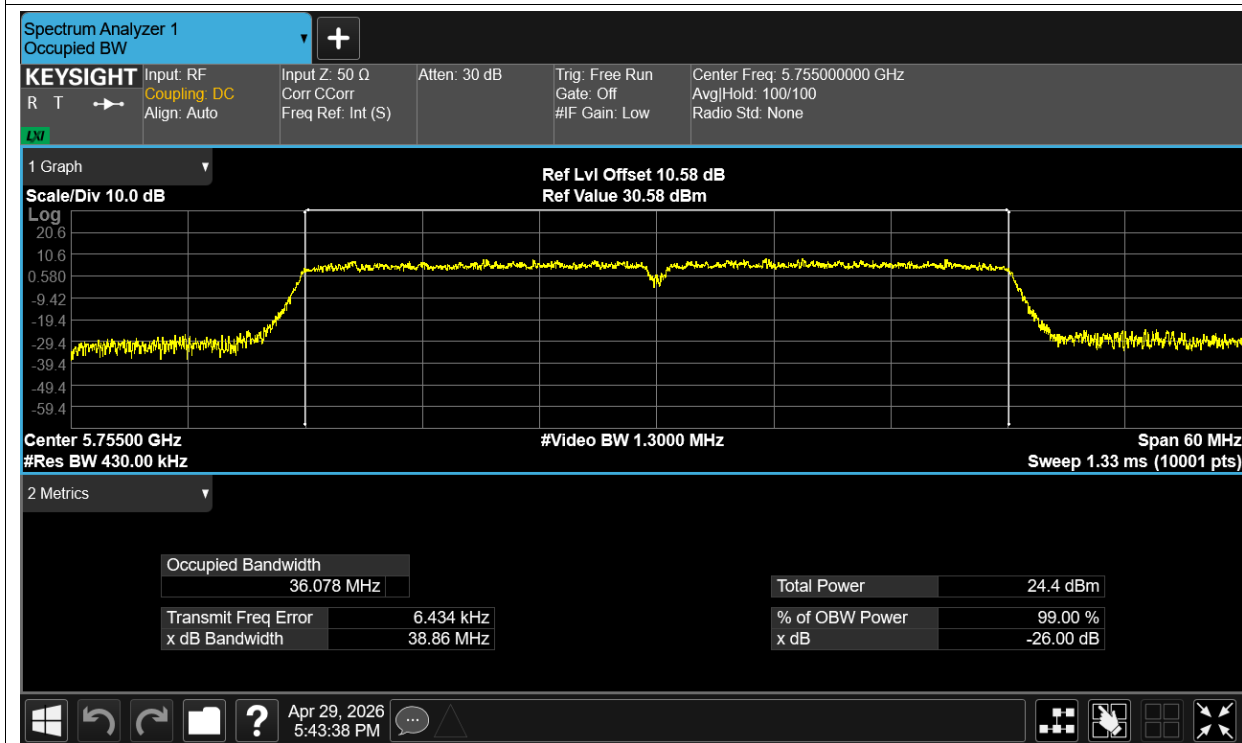
OBW NVNT ac20 5825MHz Ant2



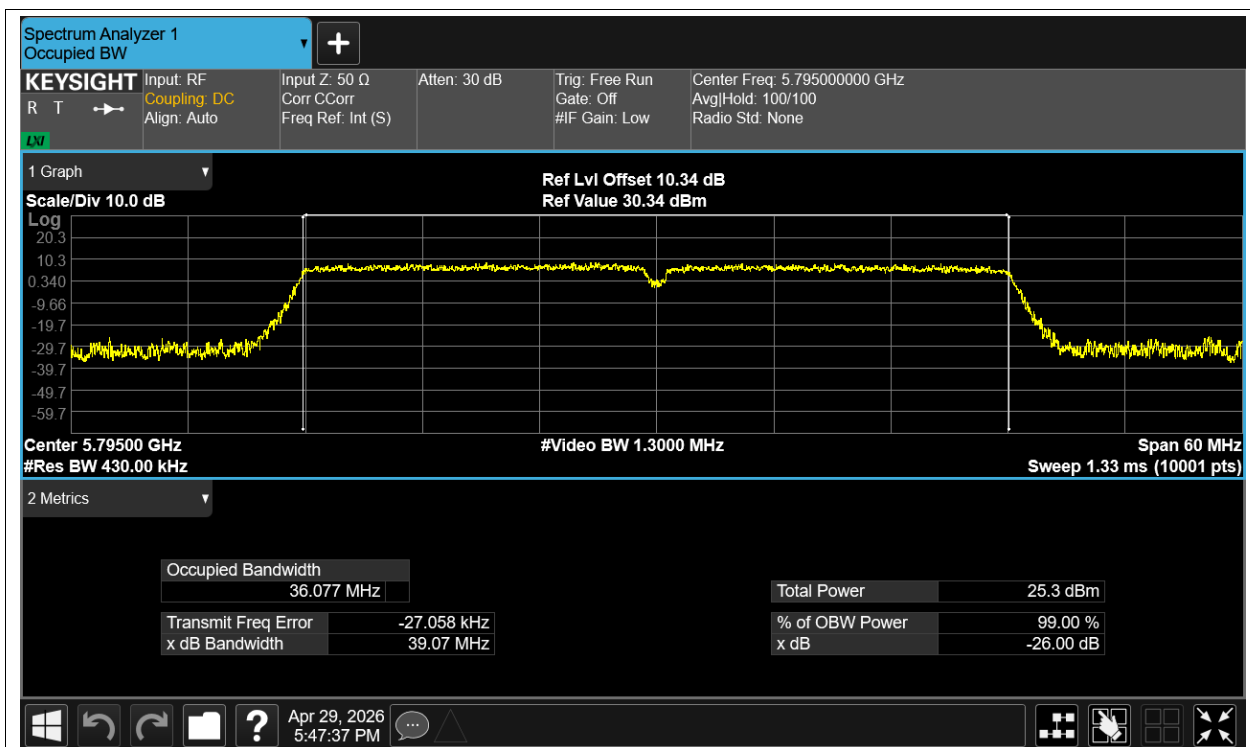
OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5755MHz Ant2



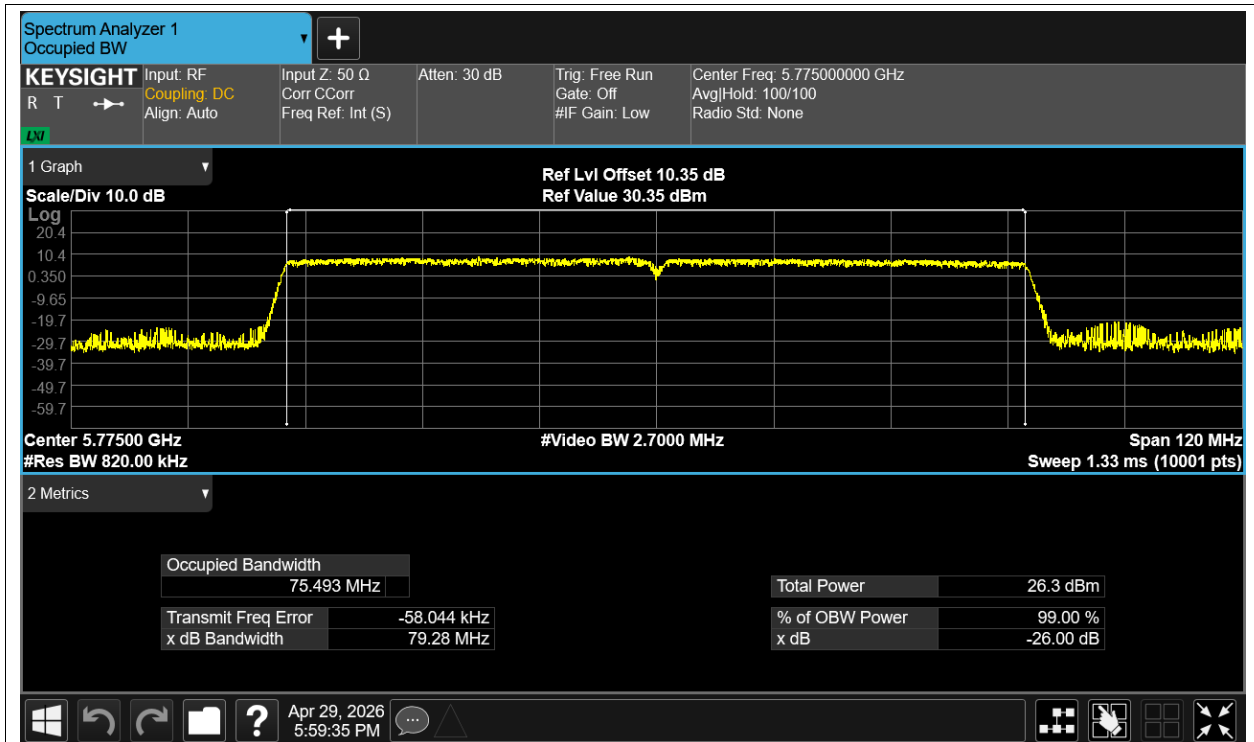
OBW NVNT ac40 5795MHz Ant1



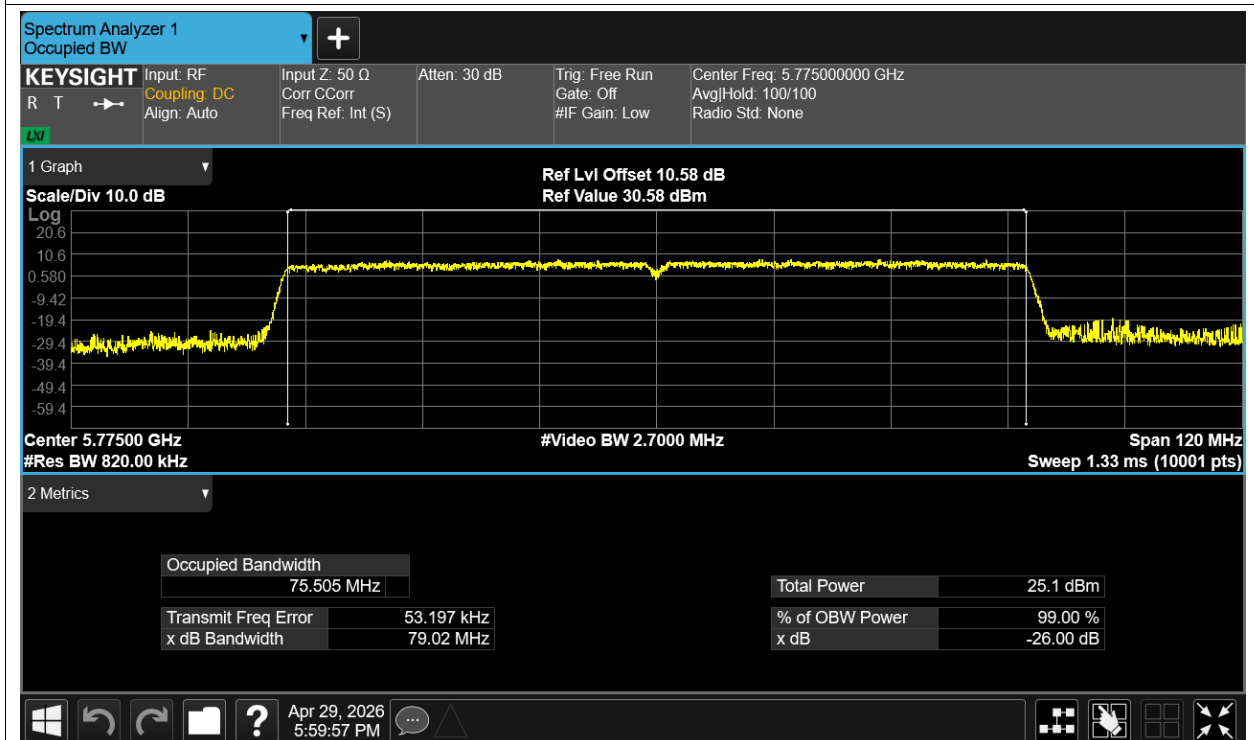
OBW NVNT ac40 5795MHz Ant2



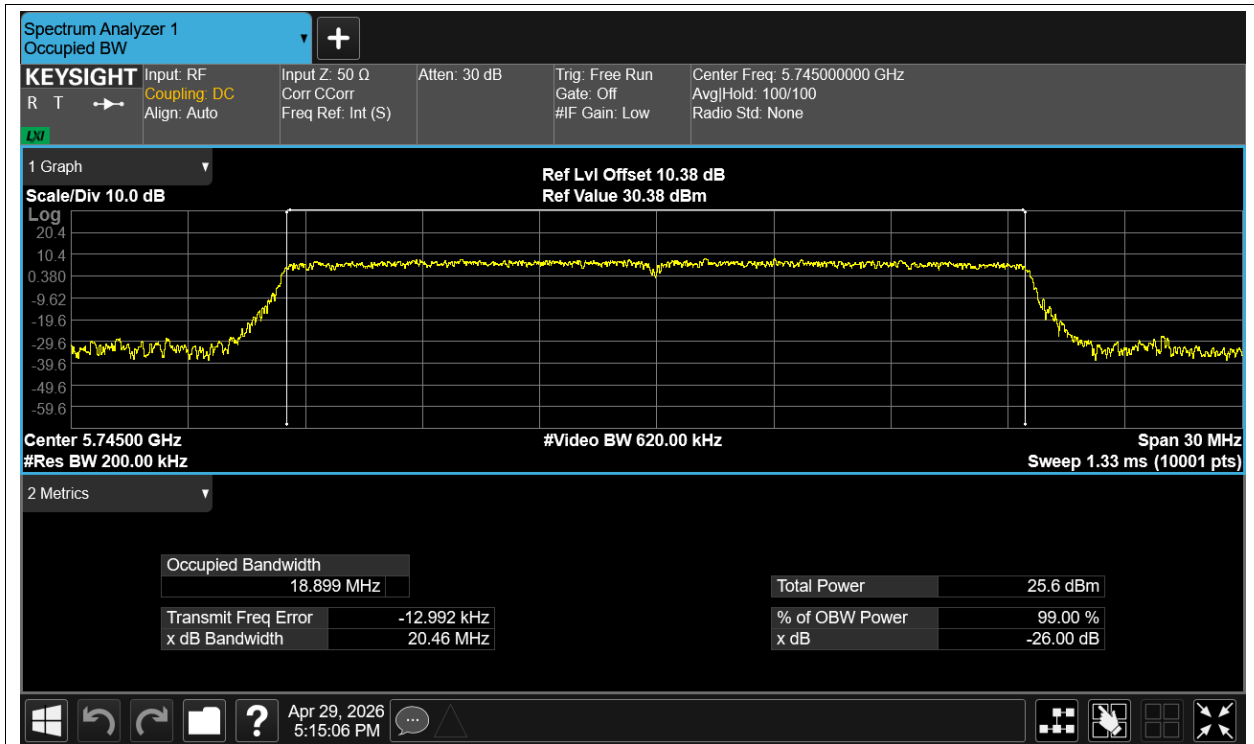
OBW NVNT ac80 5775MHz Ant1



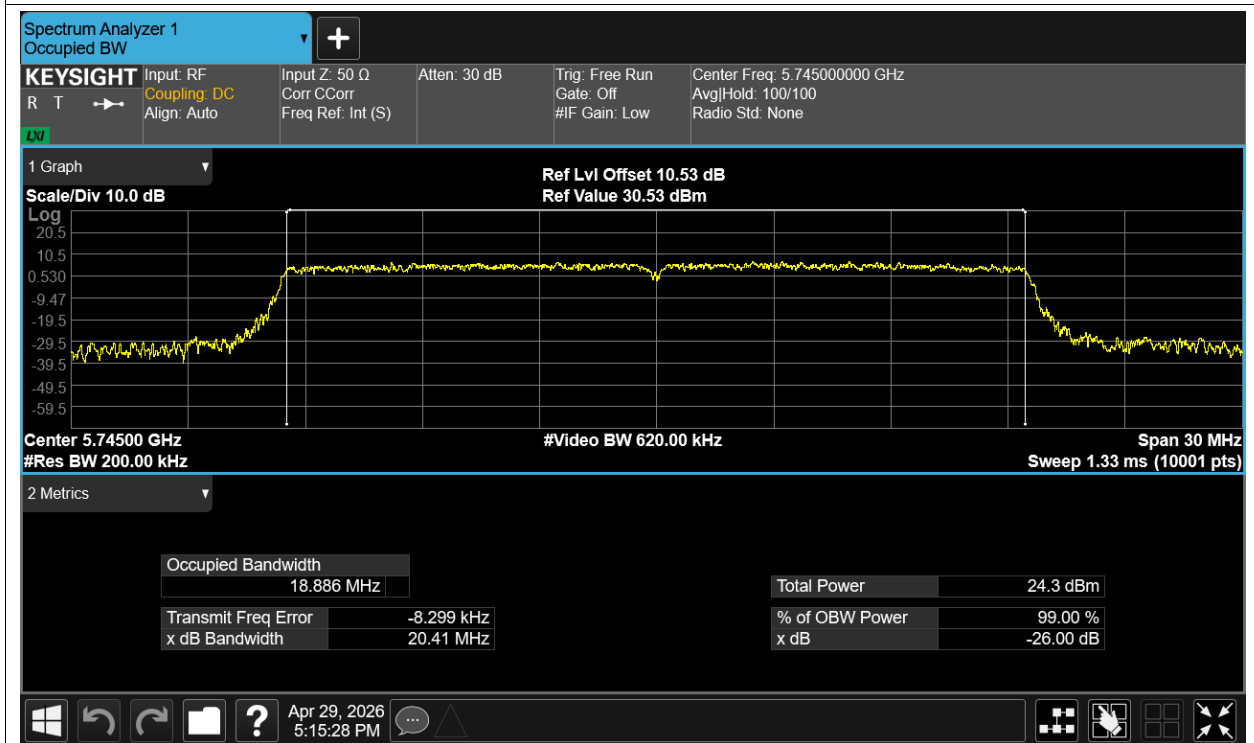
OBW NVNT ac80 5775MHz Ant2



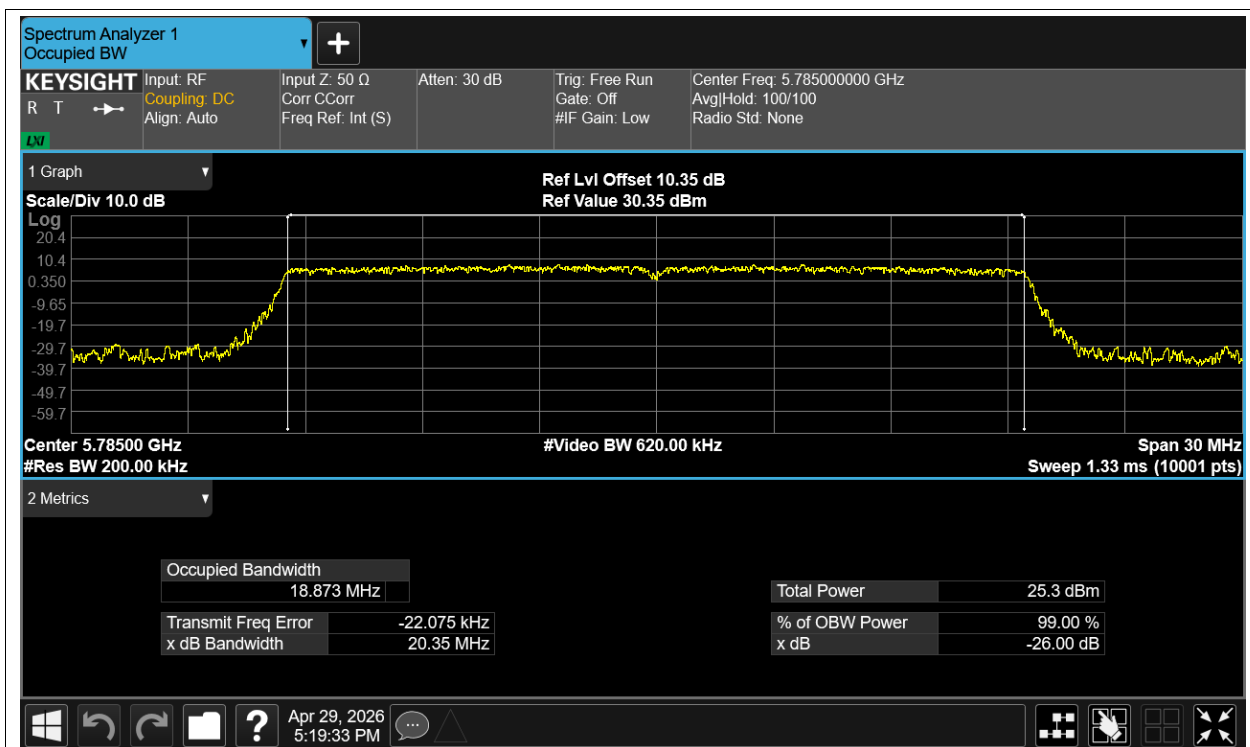
OBW NVNT ax20 5745MHz Ant1



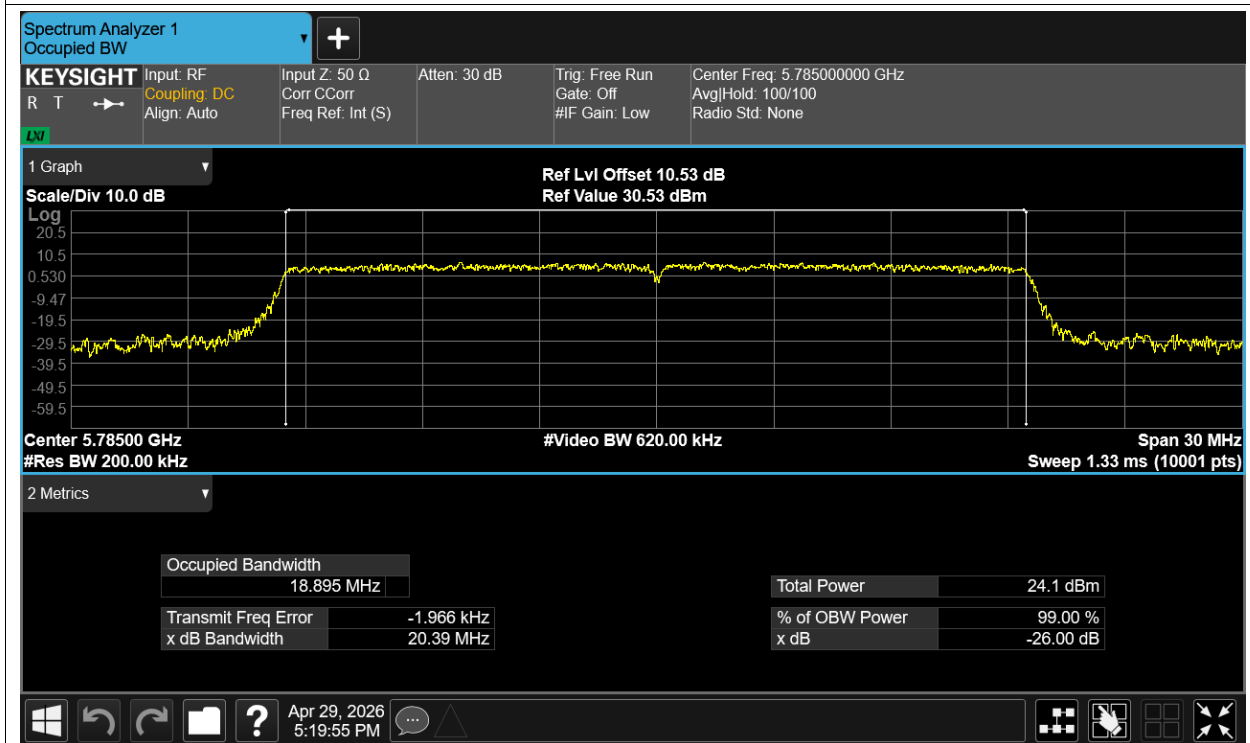
OBW NVNT ax20 5745MHz Ant2



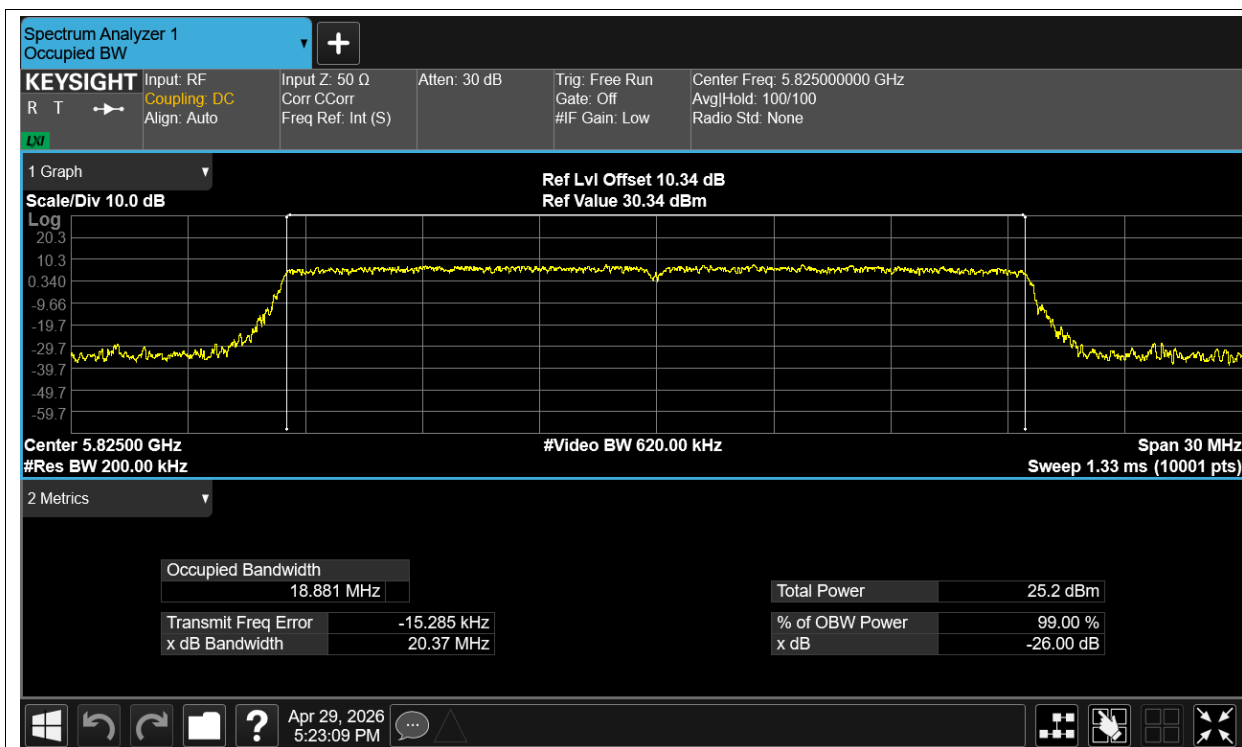
OBW NVNT ax20 5785MHz Ant1



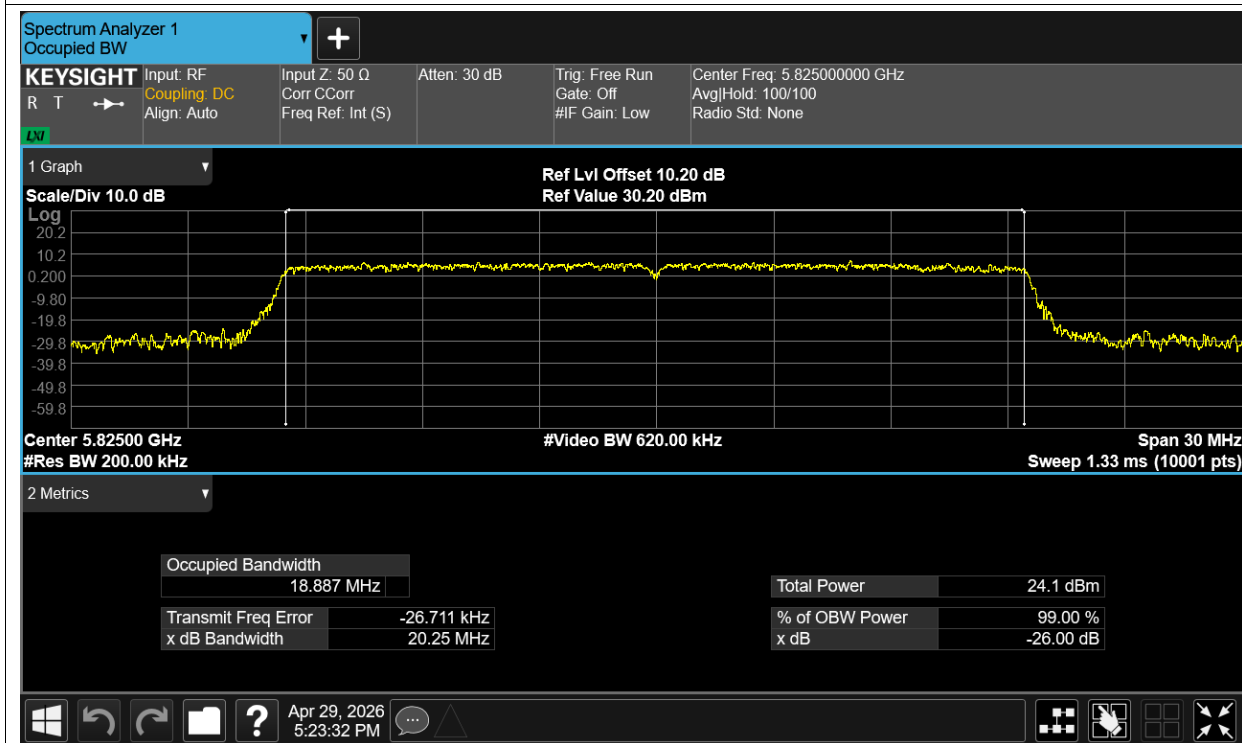
OBW NVNT ax20 5785MHz Ant2



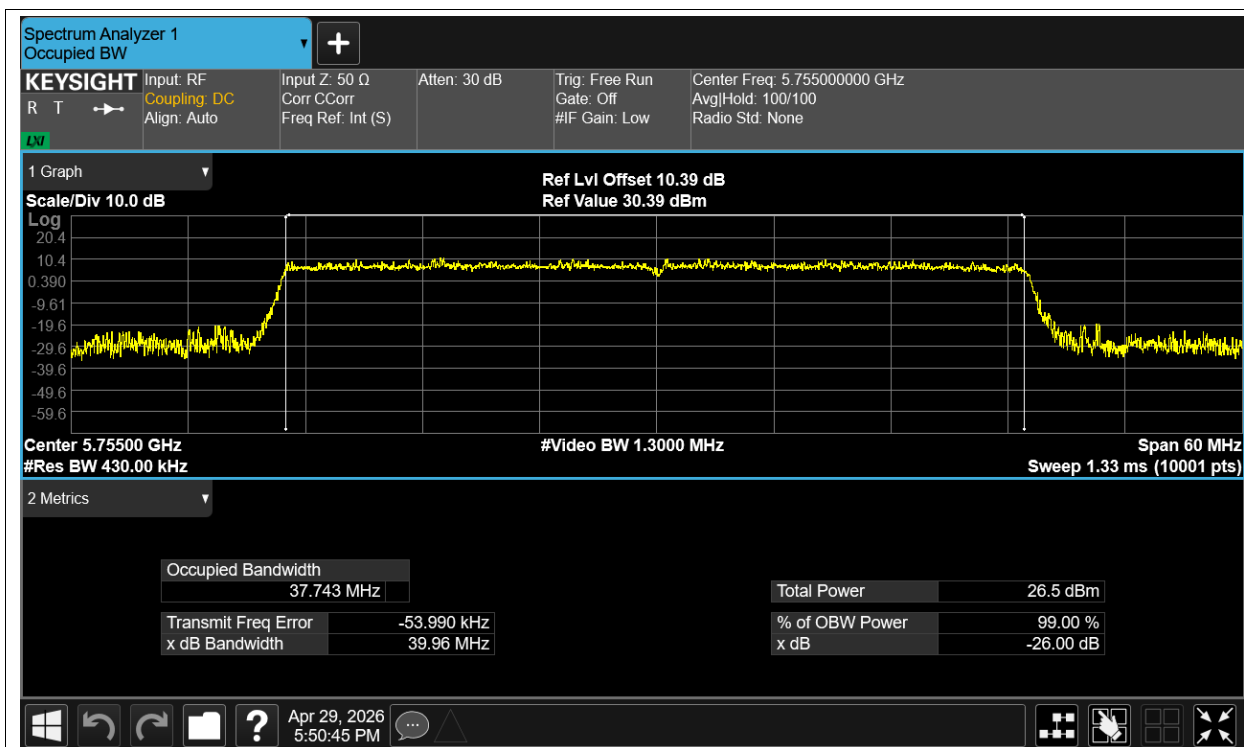
OBW NVNT ax20 5825MHz Ant1



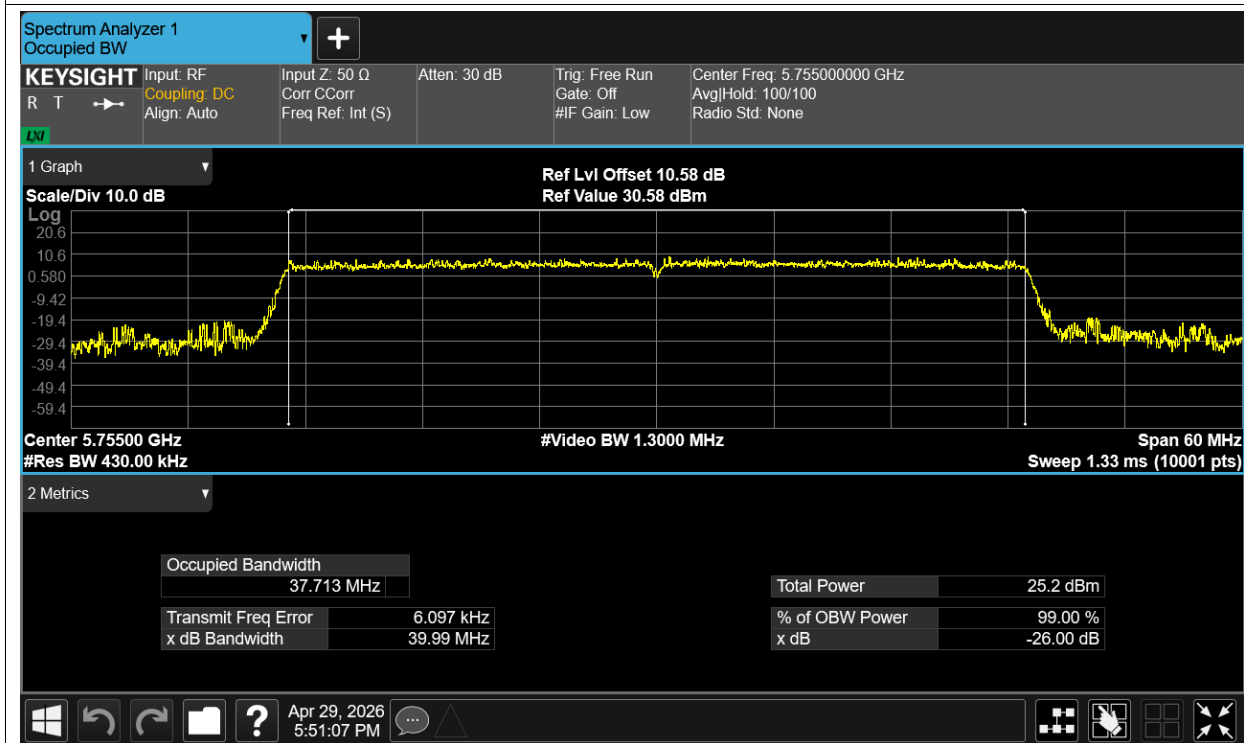
OBW NVNT ax20 5825MHz Ant2



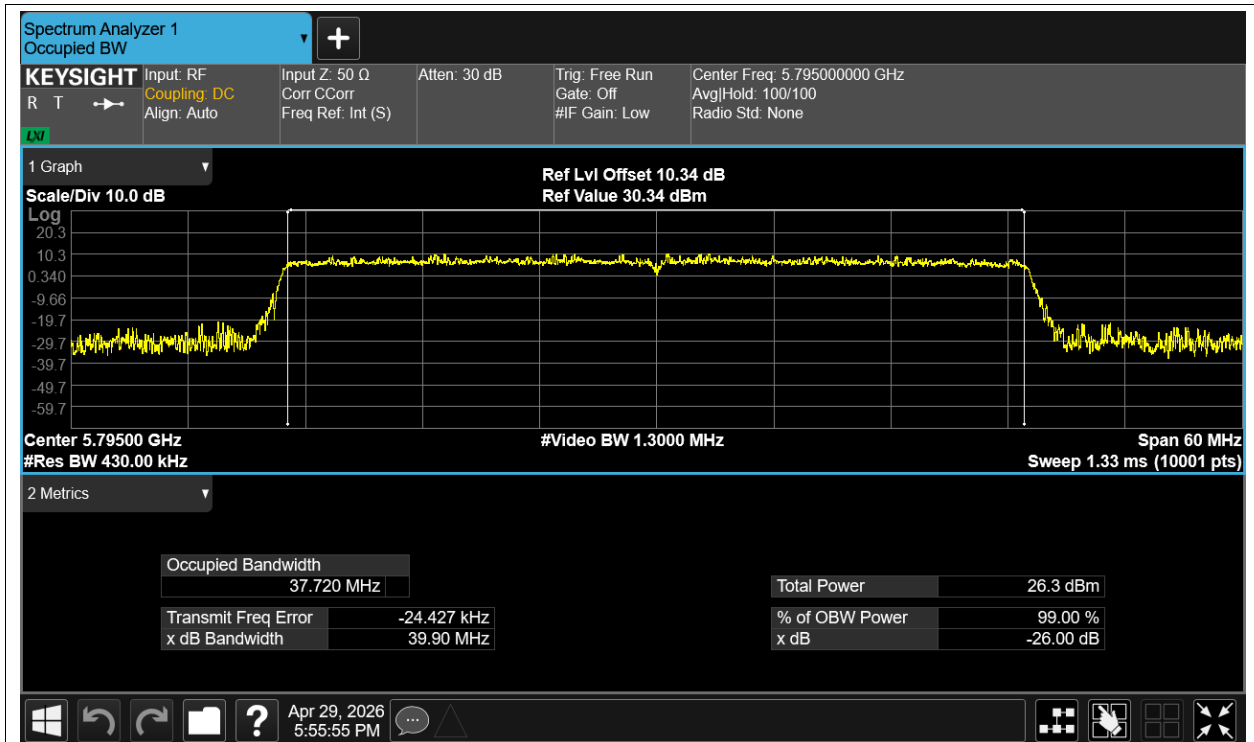
OBW NVNT ax40 5755MHz Ant1



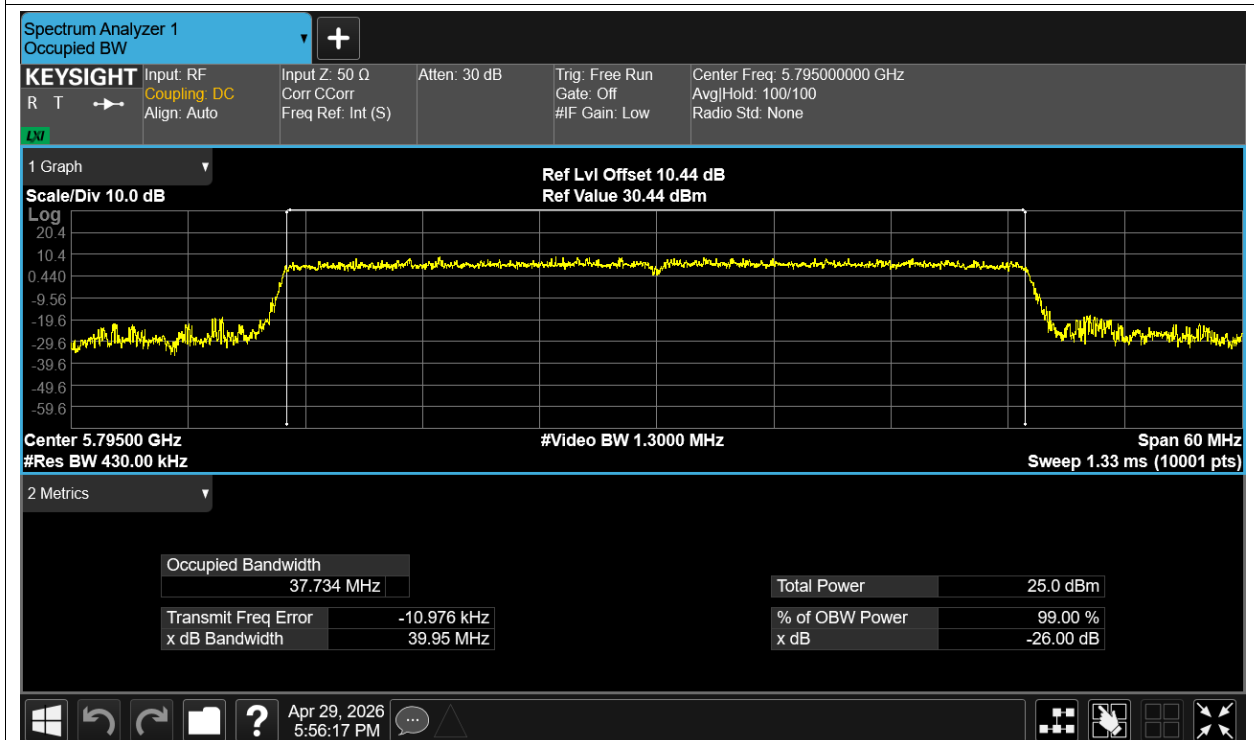
OBW NVNT ax40 5755MHz Ant2



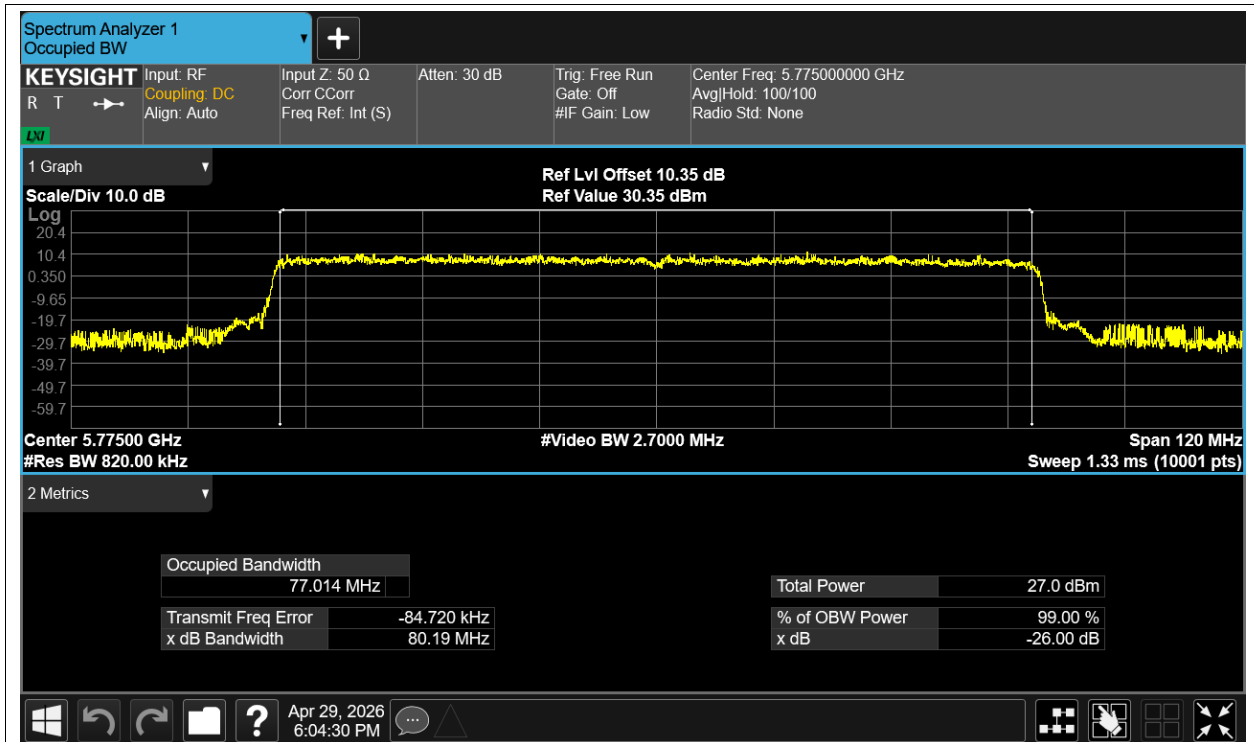
OBW NVNT ax40 5795MHz Ant1



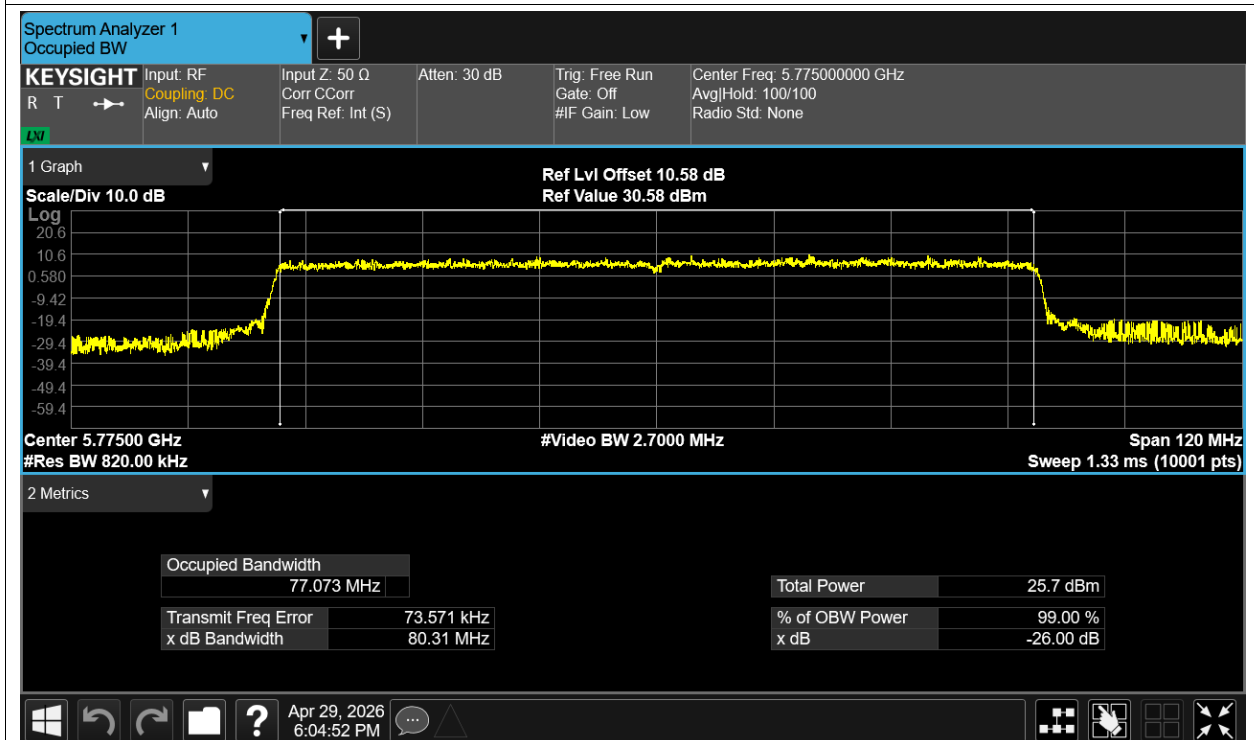
OBW NVNT ax40 5795MHz Ant2



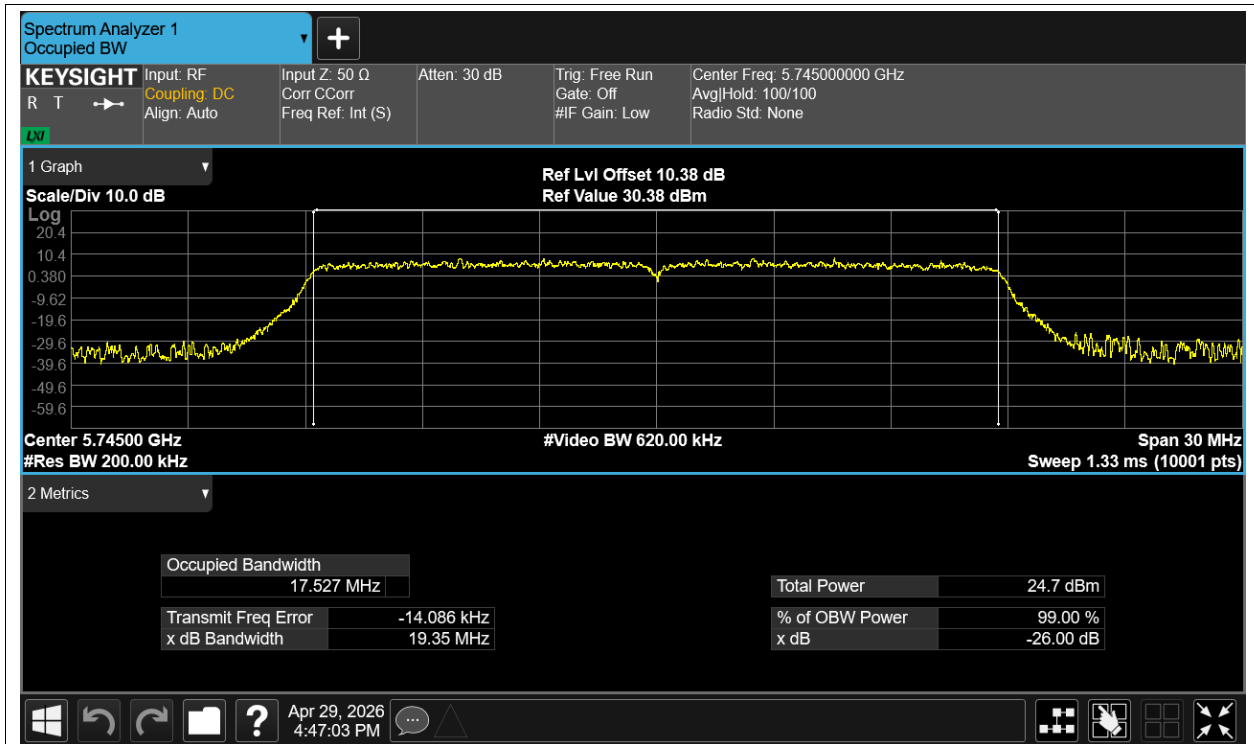
OBW NVNT ax80 5775MHz Ant1



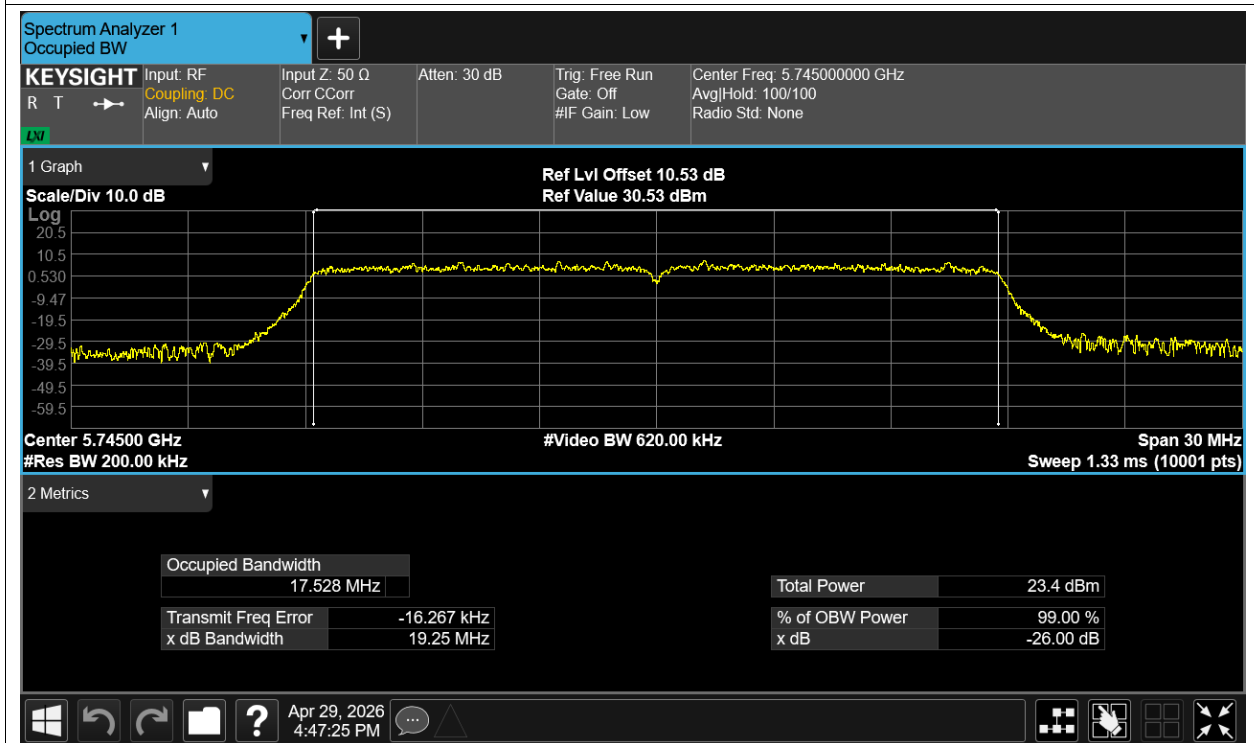
OBW NVNT ax80 5775MHz Ant2



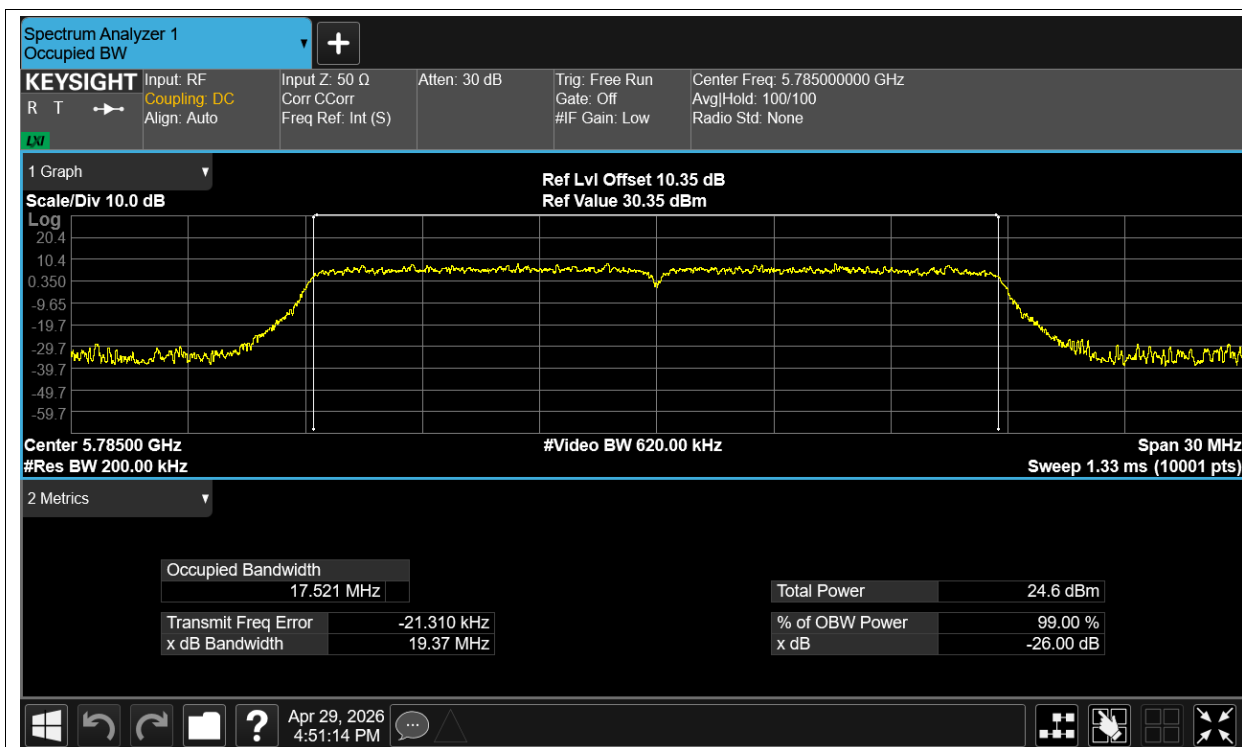
OBW NVNT n20 5745MHz Ant1



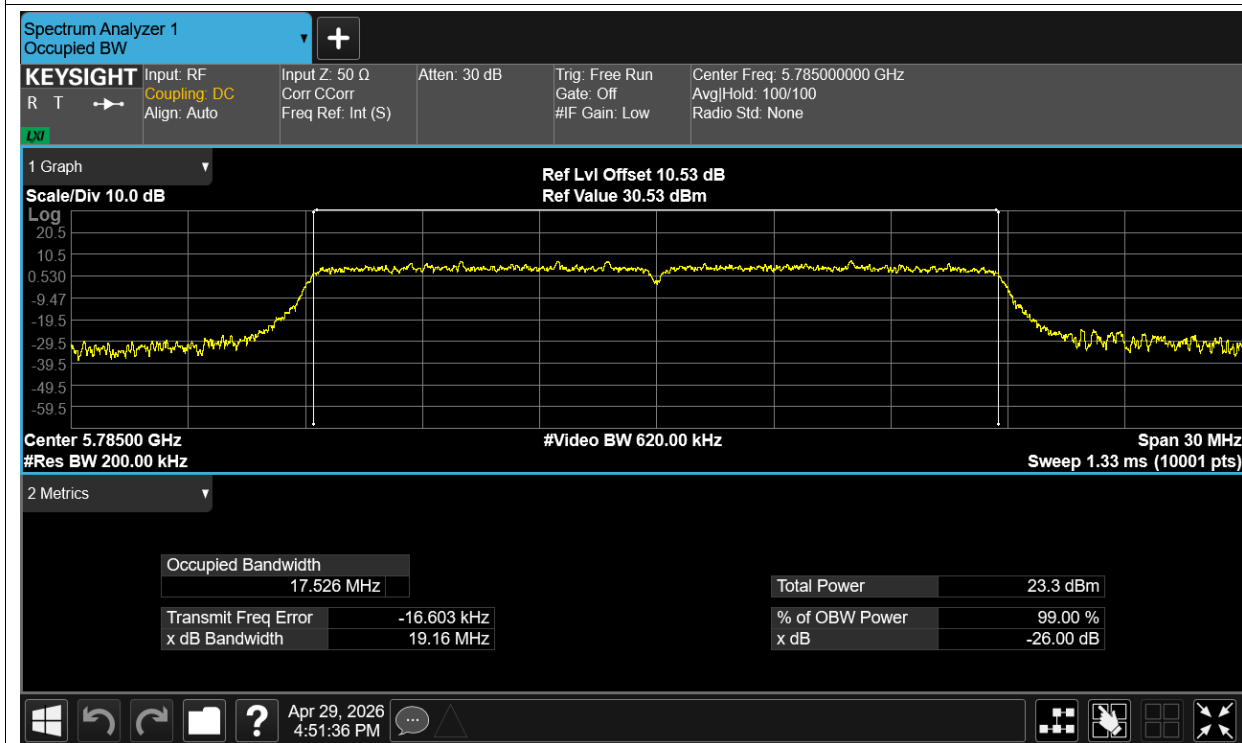
OBW NVNT n20 5745MHz Ant2



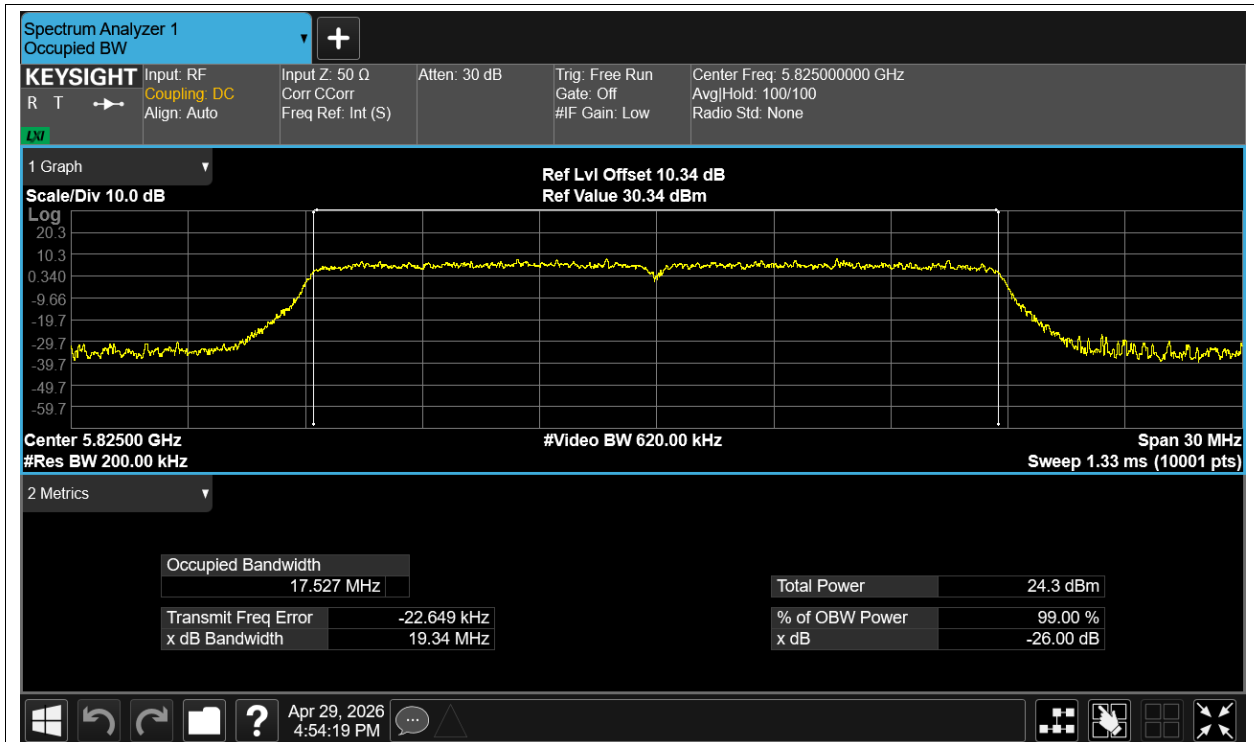
OBW NVNT n20 5785MHz Ant1



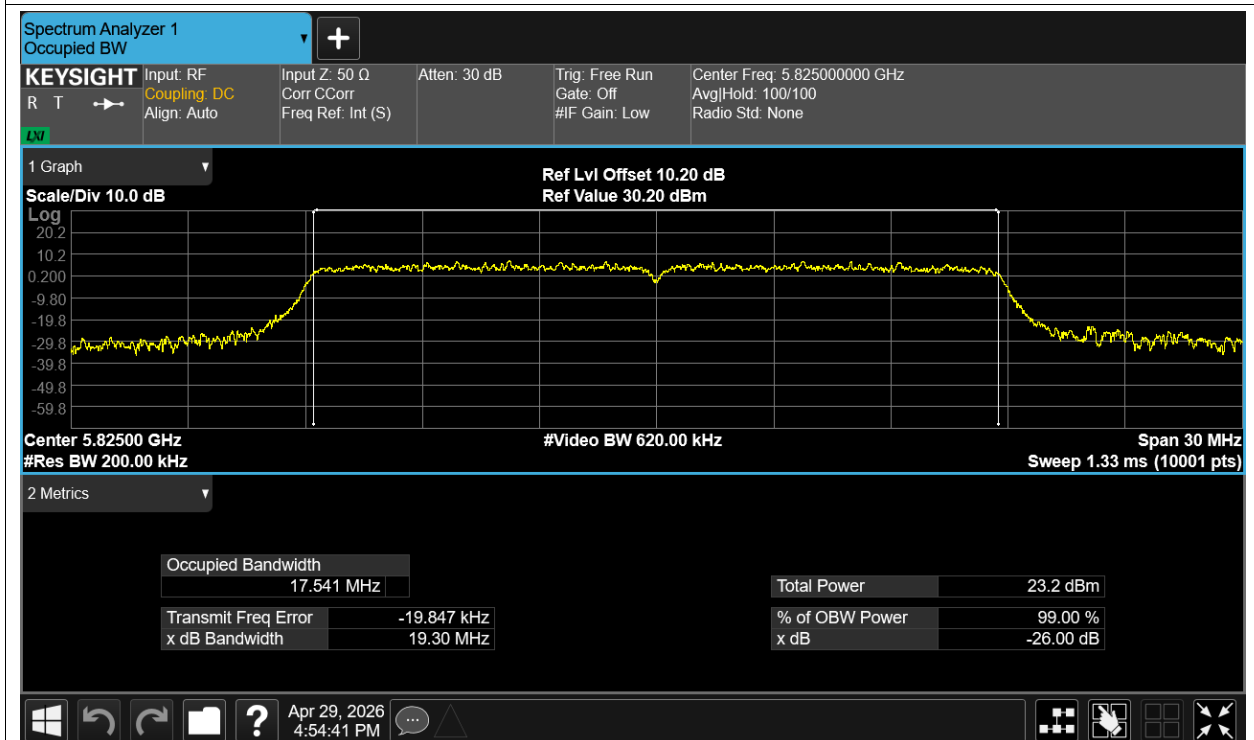
OBW NVNT n20 5785MHz Ant2



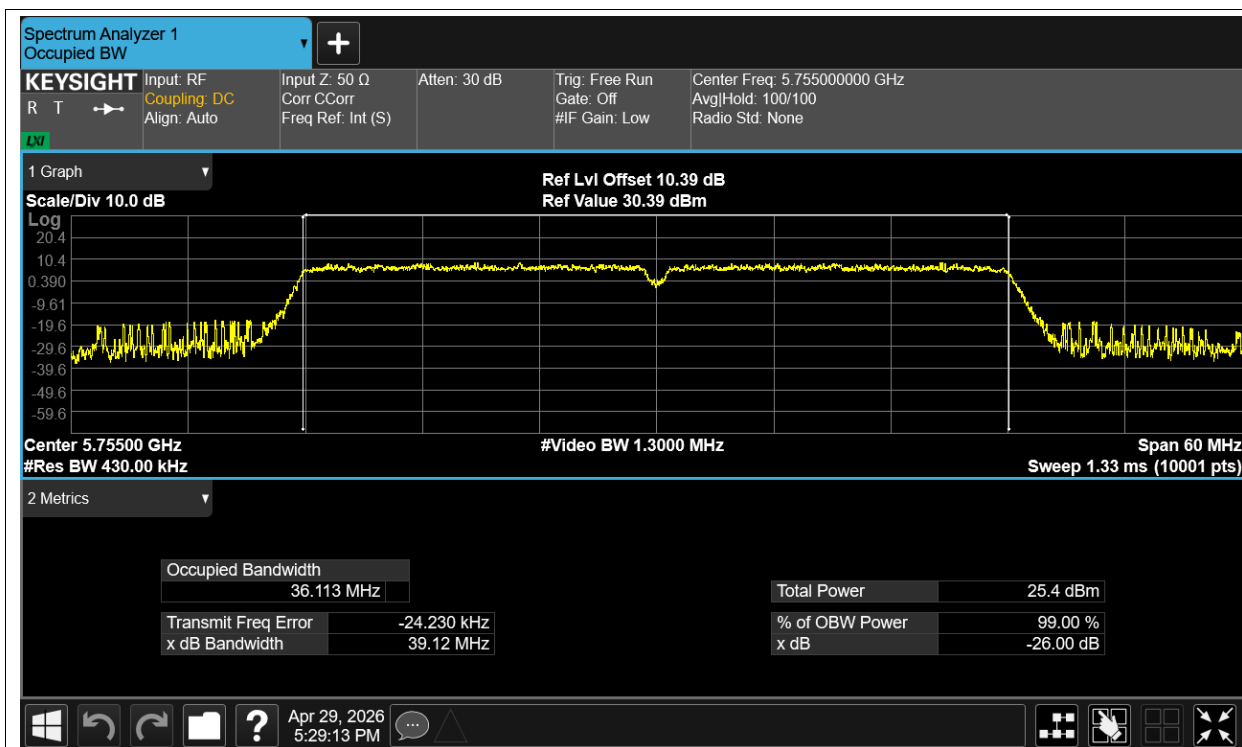
OBW NVNT n20 5825MHz Ant1



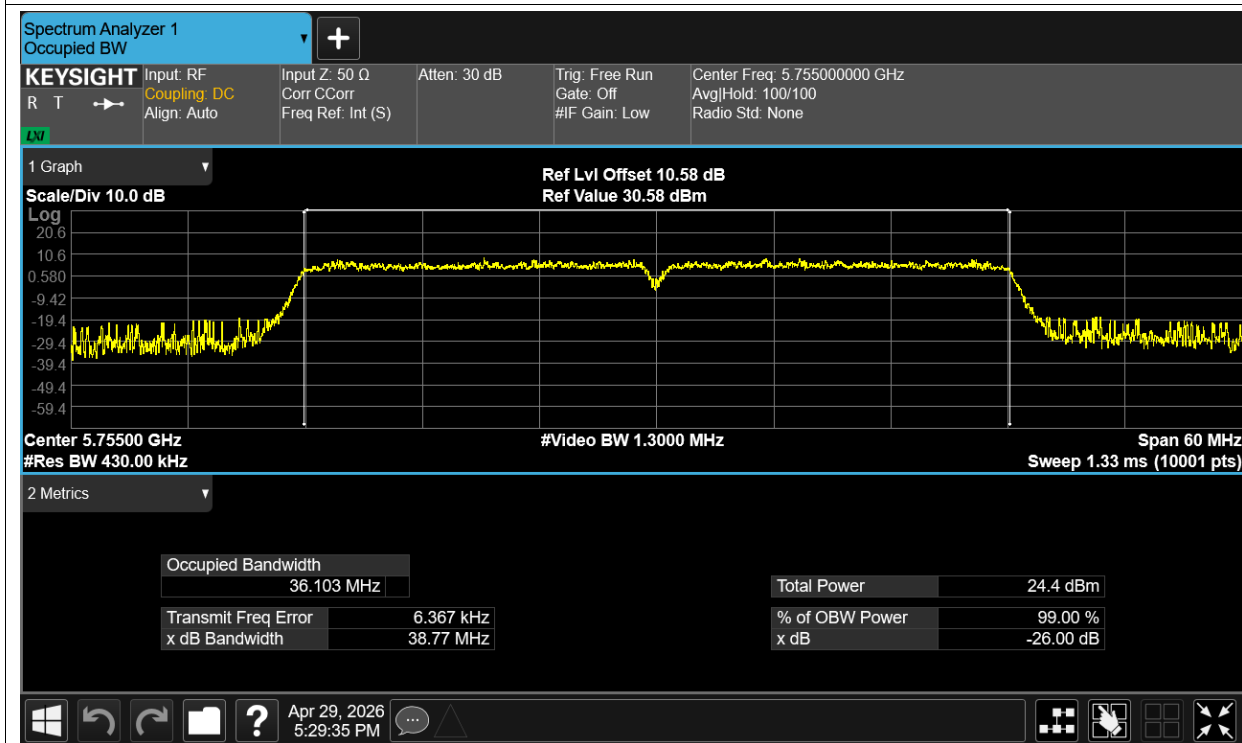
OBW NVNT n20 5825MHz Ant2



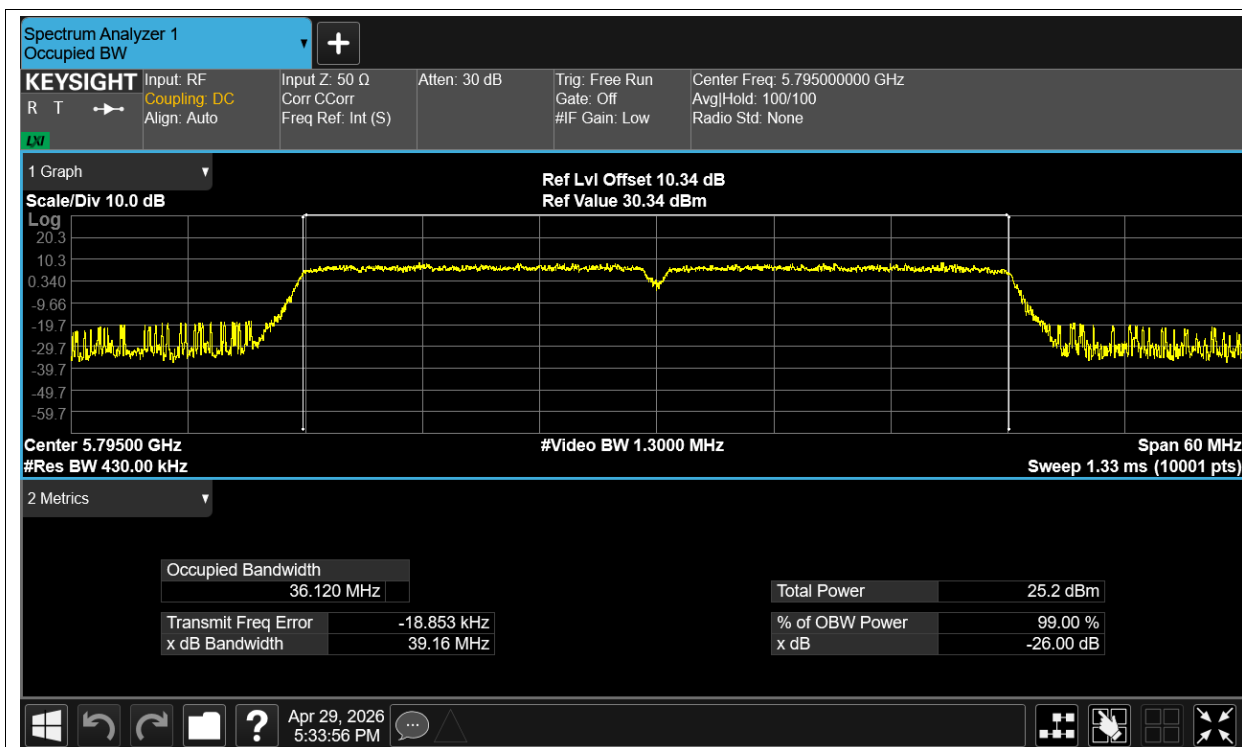
OBW NVNT n40 5755MHz Ant1



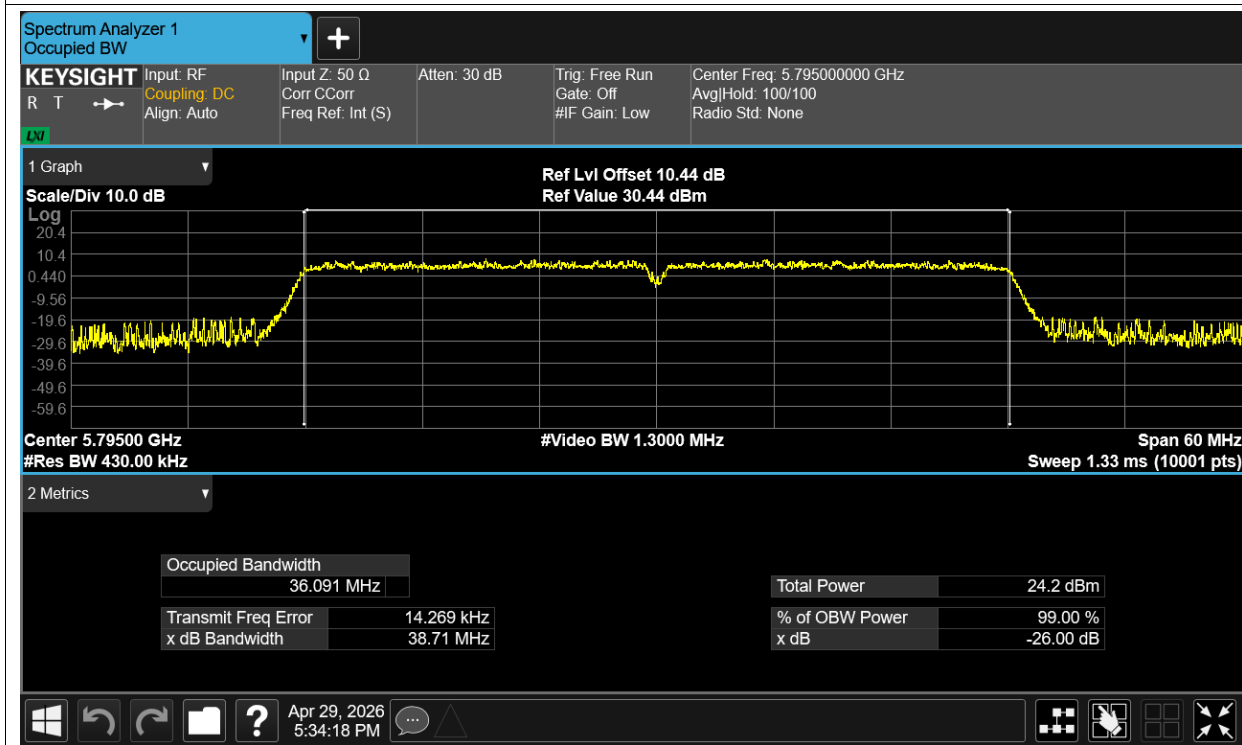
OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant1



OBW NVNT n40 5795MHz Ant2



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	RBW (MHz)	Measured Factor (dB)	Duty Factor (dB)	Max PSD (dBm/470KHz)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	470	0.27	0.02	7.083	7.373	30	Pass
NVNT	a	5785	Ant1	470	0.27	0.02	6.982	7.272	30	Pass
NVNT	a	5825	Ant1	470	0.27	0.02	6.796	7.086	30	Pass
NVNT	a	5745	Ant2	470	0.27	0.02	7.115	7.405	30	Pass
NVNT	a	5785	Ant2	470	0.27	0.02	7.303	7.593	30	Pass
NVNT	a	5825	Ant2	470	0.27	0.02	6.966	7.256	30	Pass
NVNT	ac20	5745	Ant1	470	0.27	0.02	6.128	6.418	28	Pass
NVNT	ac20	5745	Ant2	470	0.27	0.02	5.912	6.202	28	Pass
NVNT	ac20	5745	Sum	470	0.27	0.02	9.032	9.322	28	Pass
NVNT	ac20	5785	Ant1	470	0.27	0.02	5.925	6.215	28	Pass
NVNT	ac20	5785	Ant2	470	0.27	0.02	6.27	6.56	28	Pass
NVNT	ac20	5785	Sum	470	0.27	0.02	9.111	9.401	28	Pass
NVNT	ac20	5825	Ant1	470	0.27	0.02	5.511	5.801	28	Pass
NVNT	ac20	5825	Ant2	470	0.27	0.02	5.865	6.155	28	Pass
NVNT	ac20	5825	Sum	470	0.27	0.02	8.702	8.992	28	Pass
NVNT	ac40	5755	Ant1	470	0.27	0.04	3.292	3.602	28	Pass
NVNT	ac40	5755	Ant2	470	0.27	0.04	3.709	4.019	28	Pass
NVNT	ac40	5755	Sum	470	0.27	0.04	6.516	6.826	28	Pass
NVNT	ac40	5795	Ant1	470	0.27	0.04	3.588	3.898	28	Pass
NVNT	ac40	5795	Ant2	470	0.27	0.04	3.762	4.072	28	Pass
NVNT	ac40	5795	Sum	470	0.27	0.04	6.686	6.996	28	Pass
NVNT	ac80	5775	Ant1	470	0.27	0.08	0.553	0.903	28	Pass
NVNT	ac80	5775	Ant2	470	0.27	0.08	0.721	1.071	28	Pass
NVNT	ac80	5775	Sum	470	0.27	0.08	3.648	3.998	28	Pass
NVNT	ax20	5745	Ant1	470	0.27	0.02	6.112	6.402	28	Pass
NVNT	ax20	5745	Ant2	470	0.27	0.02	5.736	6.026	28	Pass
NVNT	ax20	5745	Sum	470	0.27	0.02	8.938	9.228	28	Pass
NVNT	ax20	5785	Ant1	470	0.27	0.02	5.827	6.117	28	Pass
NVNT	ax20	5785	Ant2	470	0.27	0.02	6.037	6.327	28	Pass
NVNT	ax20	5785	Sum	470	0.27	0.02	8.944	9.234	28	Pass
NVNT	ax20	5825	Ant1	470	0.27	0.02	5.486	5.776	28	Pass
NVNT	ax20	5825	Ant2	470	0.27	0.02	5.714	6.004	28	Pass
NVNT	ax20	5825	Sum	470	0.27	0.02	8.612	8.902	28	Pass
NVNT	ax40	5755	Ant1	470	0.27	0.04	3.536	3.846	28	Pass
NVNT	ax40	5755	Ant2	470	0.27	0.04	3.28	3.59	28	Pass
NVNT	ax40	5755	Sum	470	0.27	0.04	6.42	6.73	28	Pass
NVNT	ax40	5795	Ant1	470	0.27	0.04	3.03	3.34	28	Pass
NVNT	ax40	5795	Ant2	470	0.27	0.04	3.655	3.965	28	Pass
NVNT	ax40	5795	Sum	470	0.27	0.04	6.364	6.674	28	Pass

NVNT	ax80	5775	Ant1	470	0.27	0.07	0.659	0.999	28	Pass
NVNT	ax80	5775	Ant2	470	0.27	0.07	0.71	1.05	28	Pass
NVNT	ax80	5775	Sum	470	0.27	0.07	3.695	4.035	28	Pass
NVNT	n20	5745	Ant1	470	0.27	0.02	6.006	6.296	28	Pass
NVNT	n20	5745	Ant2	470	0.27	0.02	5.931	6.221	28	Pass
NVNT	n20	5745	Sum	470	0.27	0.02	8.979	9.269	28	Pass
NVNT	n20	5785	Ant1	470	0.27	0.02	5.649	5.939	28	Pass
NVNT	n20	5785	Ant2	470	0.27	0.02	6.047	6.337	28	Pass
NVNT	n20	5785	Sum	470	0.27	0.02	8.863	9.153	28	Pass
NVNT	n20	5825	Ant1	470	0.27	0.02	5.612	5.902	28	Pass
NVNT	n20	5825	Ant2	470	0.27	0.02	5.96	6.25	28	Pass
NVNT	n20	5825	Sum	470	0.27	0.02	8.8	9.09	28	Pass
NVNT	n40	5755	Ant1	470	0.27	0.04	3.45	3.76	28	Pass
NVNT	n40	5755	Ant2	470	0.27	0.04	3.524	3.834	28	Pass
NVNT	n40	5755	Sum	470	0.27	0.04	6.497	6.807	28	Pass
NVNT	n40	5795	Ant1	470	0.27	0.04	3.277	3.587	28	Pass
NVNT	n40	5795	Ant2	470	0.27	0.04	3.894	4.204	28	Pass
NVNT	n40	5795	Sum	470	0.27	0.04	6.607	6.917	28	Pass

Note: 1.Total PSD (dBm) = Conducted PSD (dBm) + Measure Factor + Duty Factor,

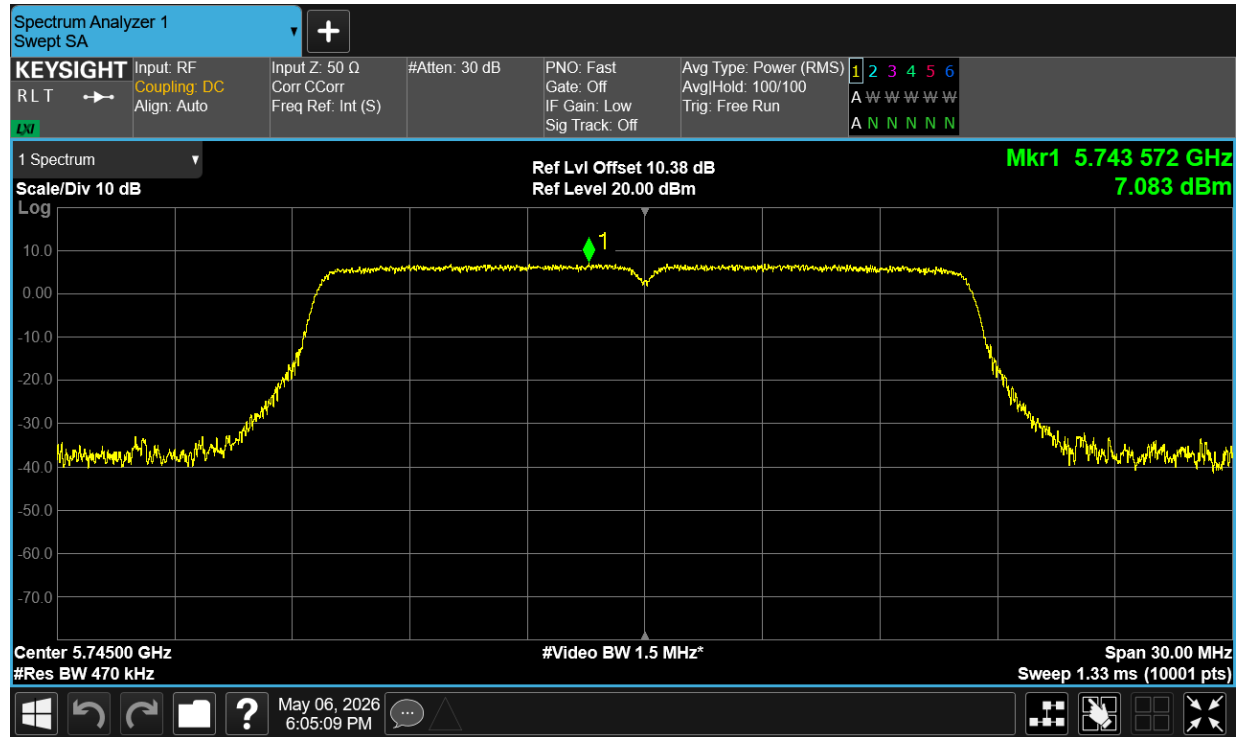
Measured Factor= 10 log (MBW/RBW), MBW=500 KHz.

2. The limits need reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

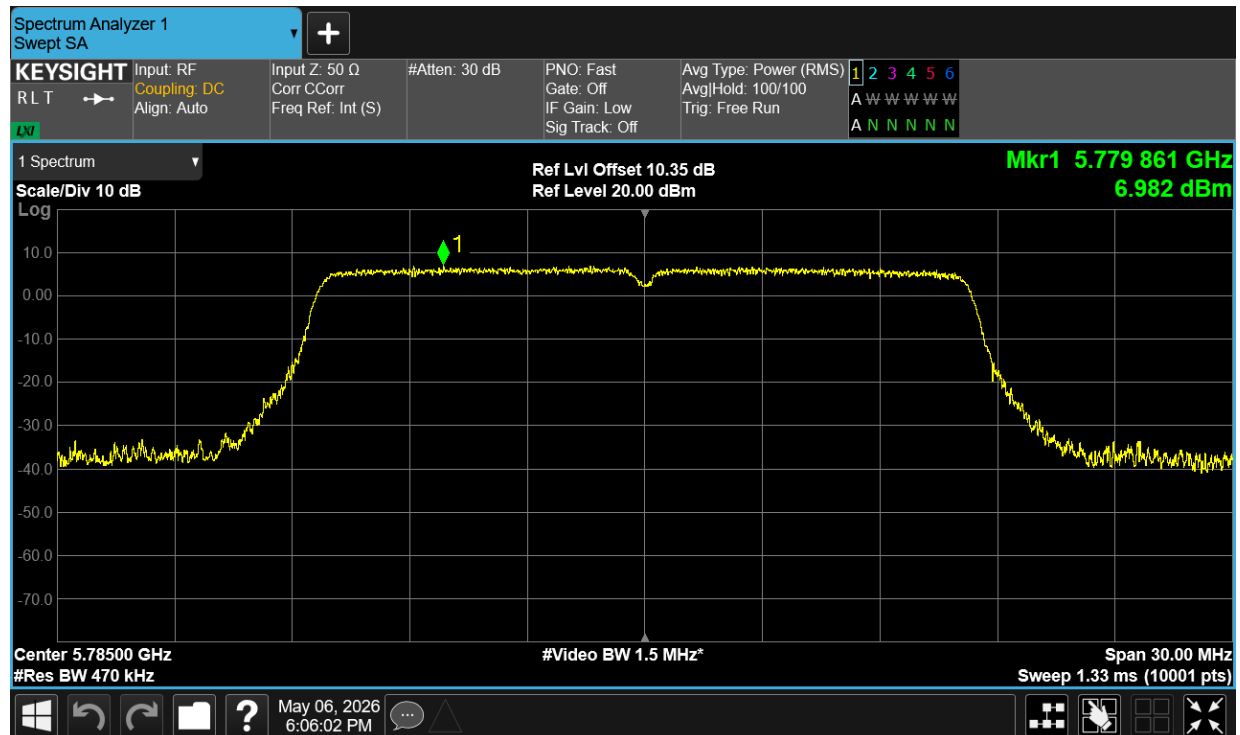
For MIMO mode: ant gain is $4.99+10*\log_{10}(2)=4.99+3.01=8$ dBi, the limit is $30-(8-6)=28$ dbm.

Test Graphs

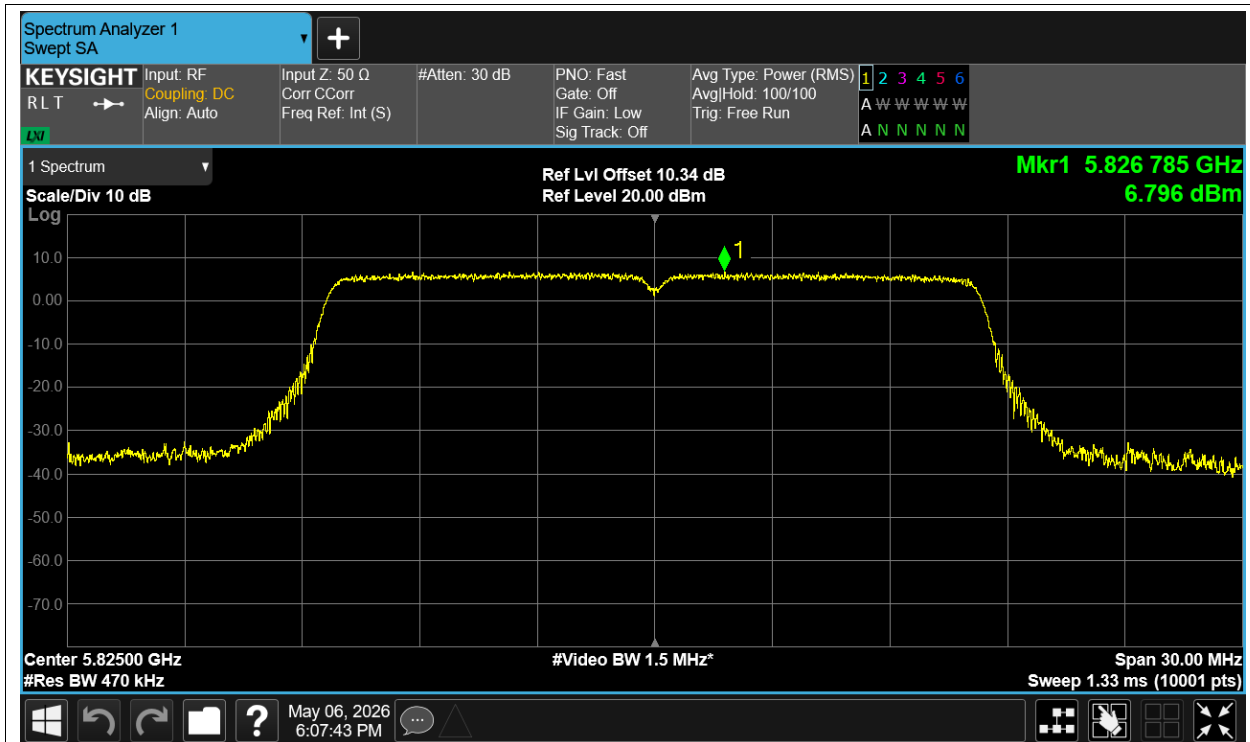
PSD NVNT a 5745MHz Ant1



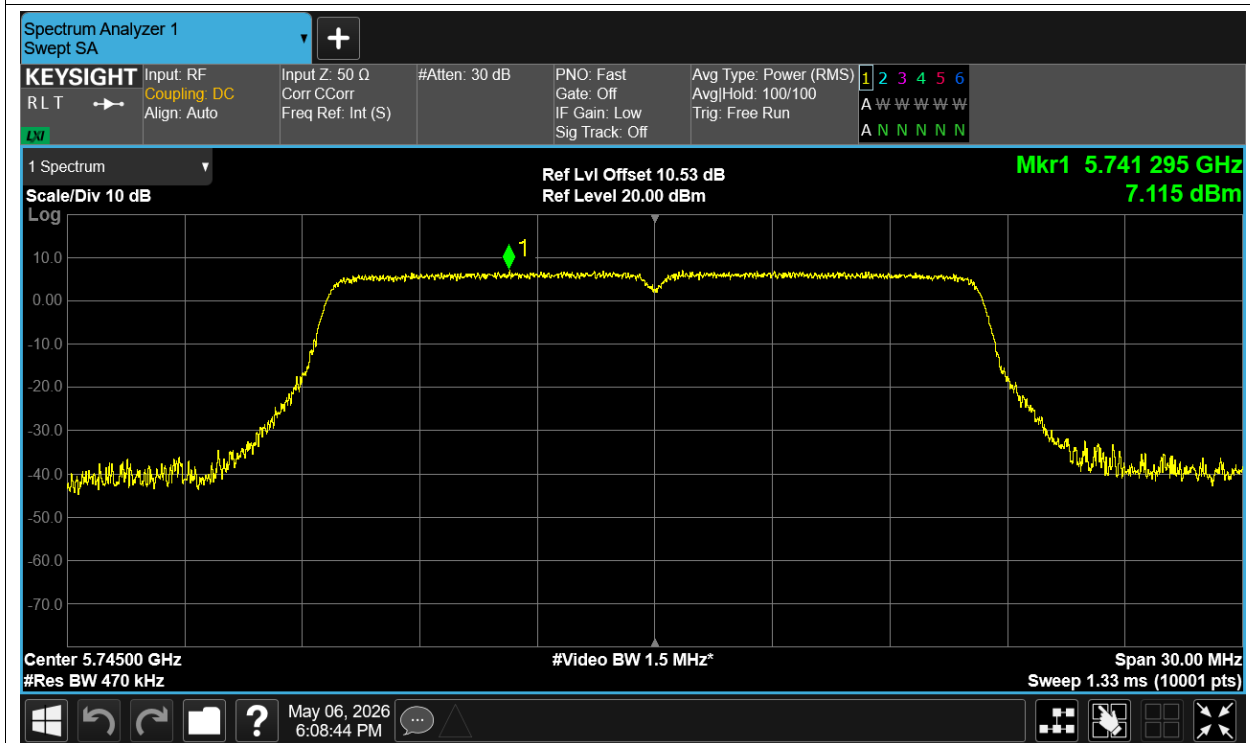
PSD NVNT a 5785MHz Ant1



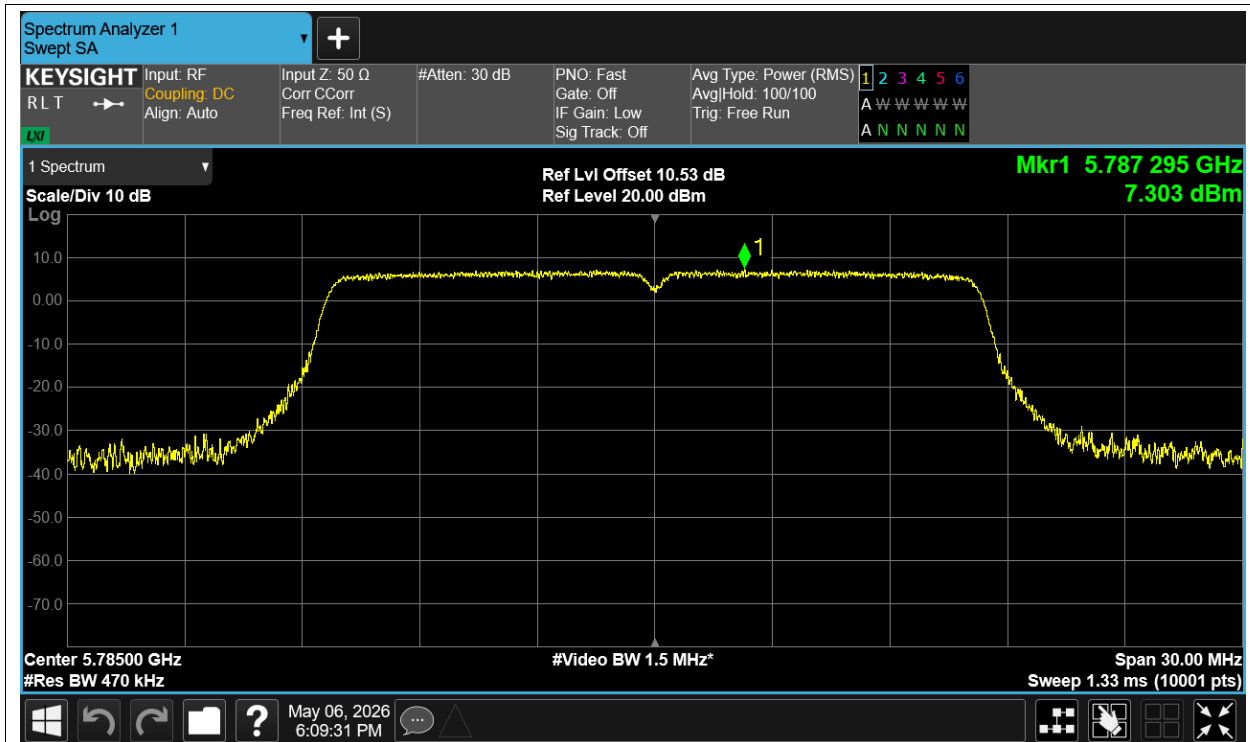
PSD NVNT a 5825MHz Ant1



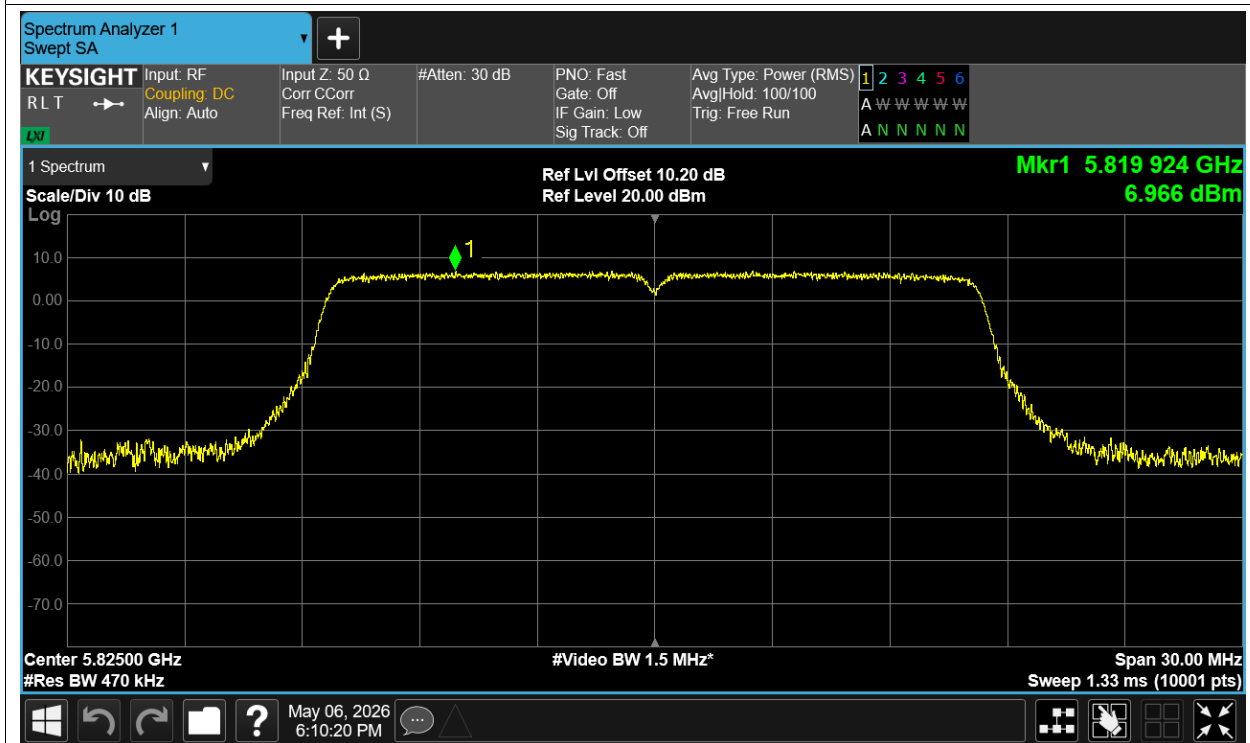
PSD NVNT a 5745MHz Ant2



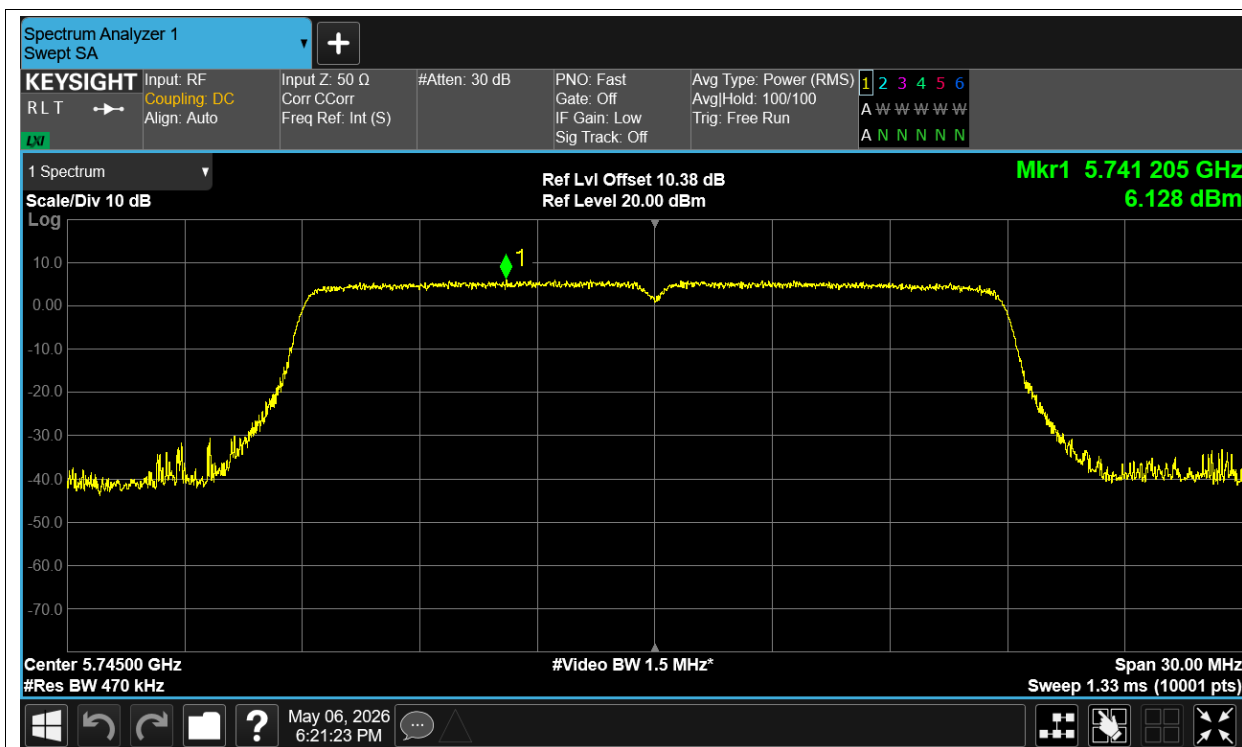
PSD NVNT a 5785MHz Ant2



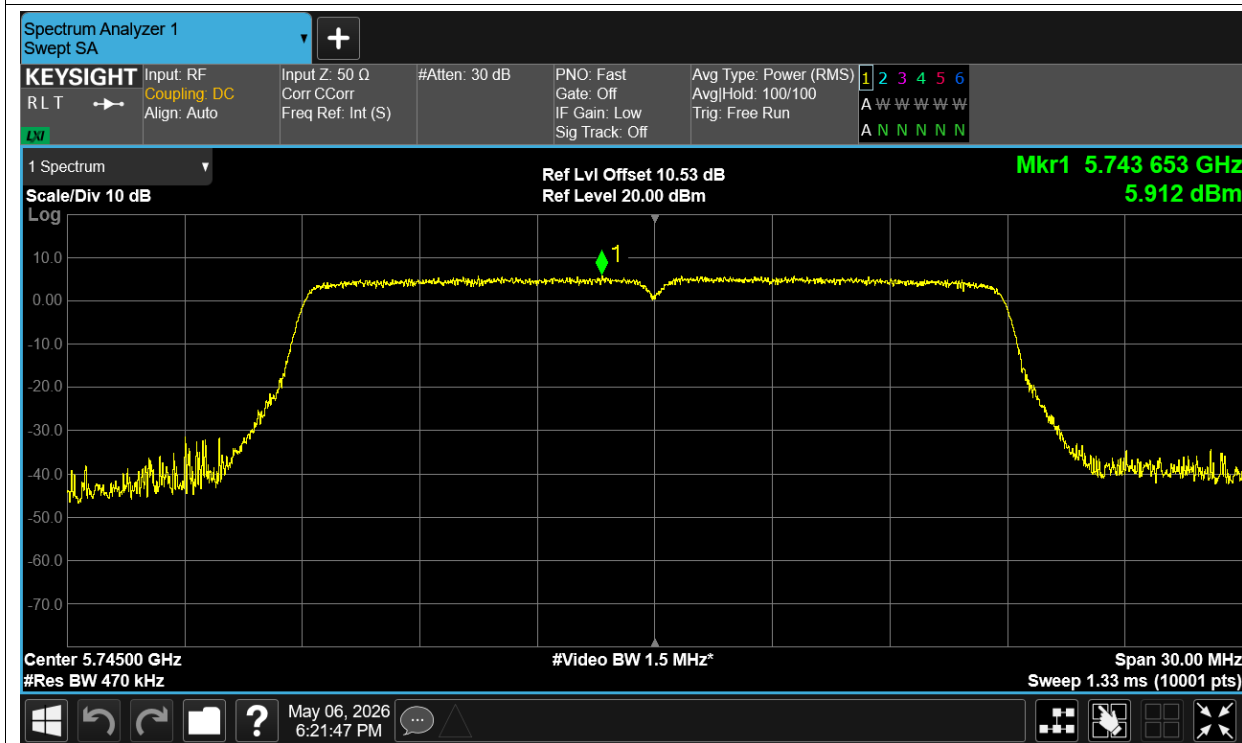
PSD NVNT a 5825MHz Ant2



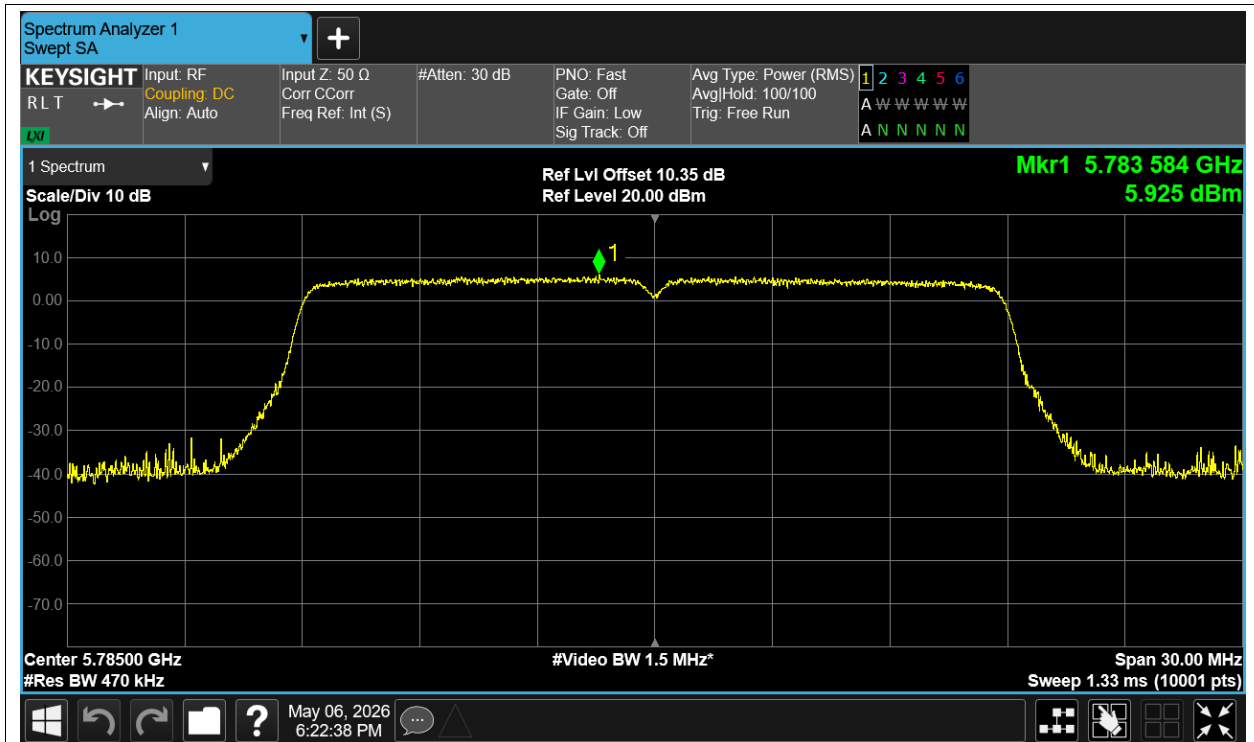
PSD NVNT ac20 5745MHz Ant1



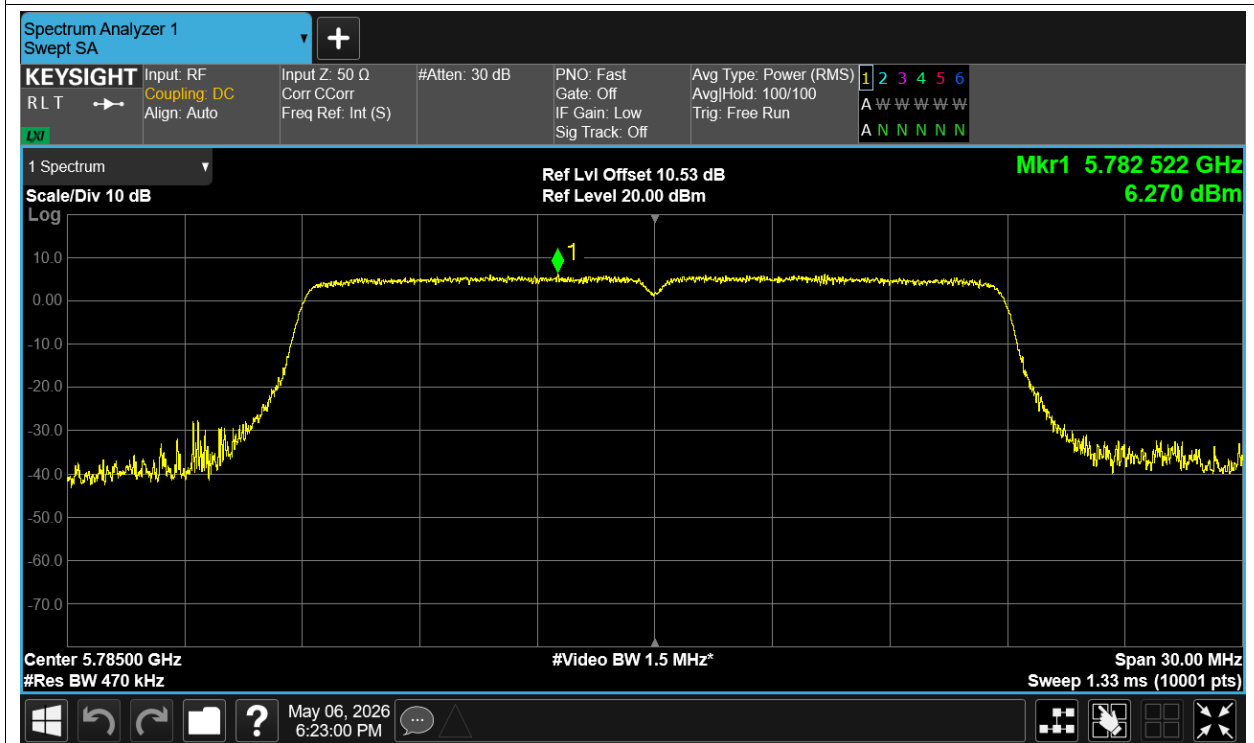
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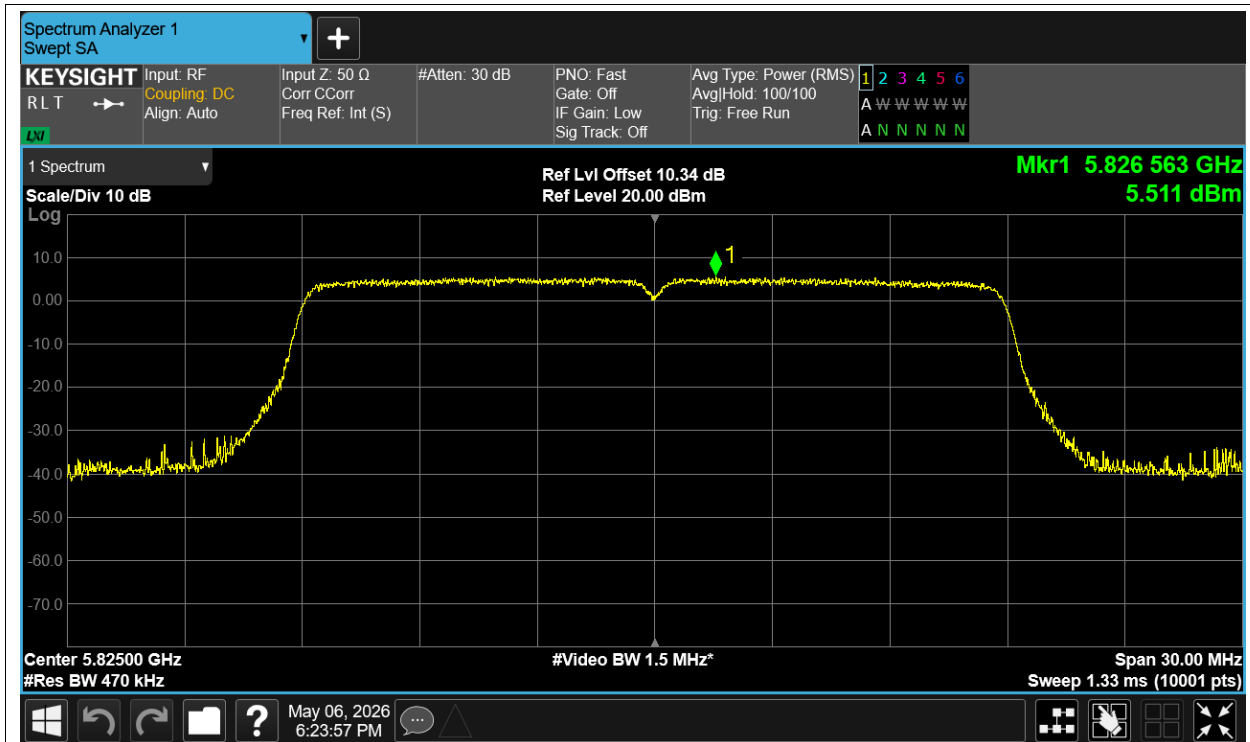
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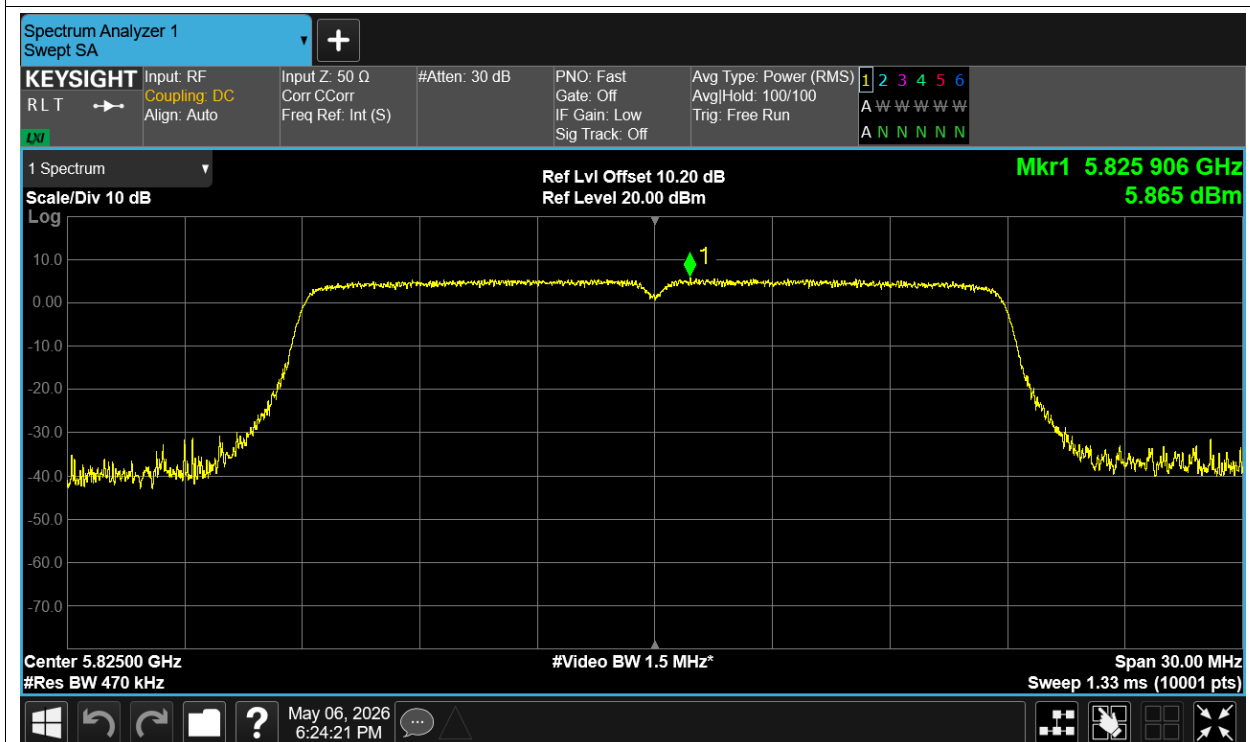
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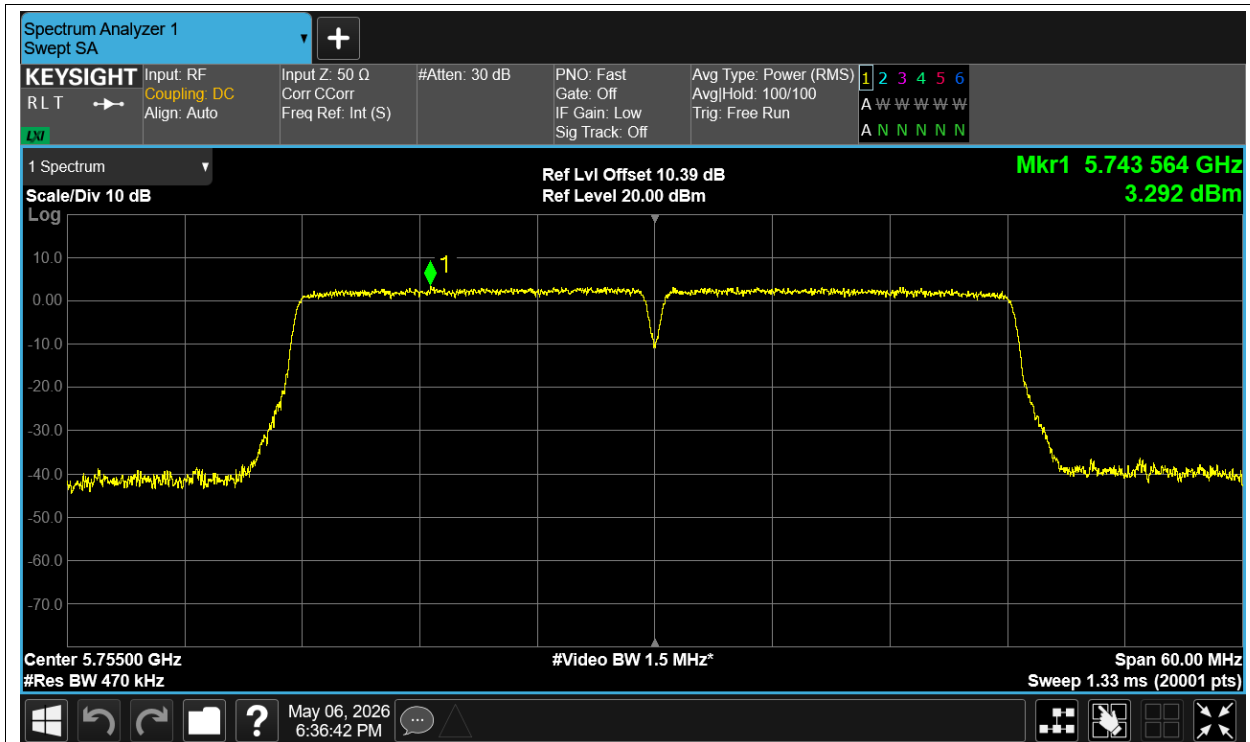
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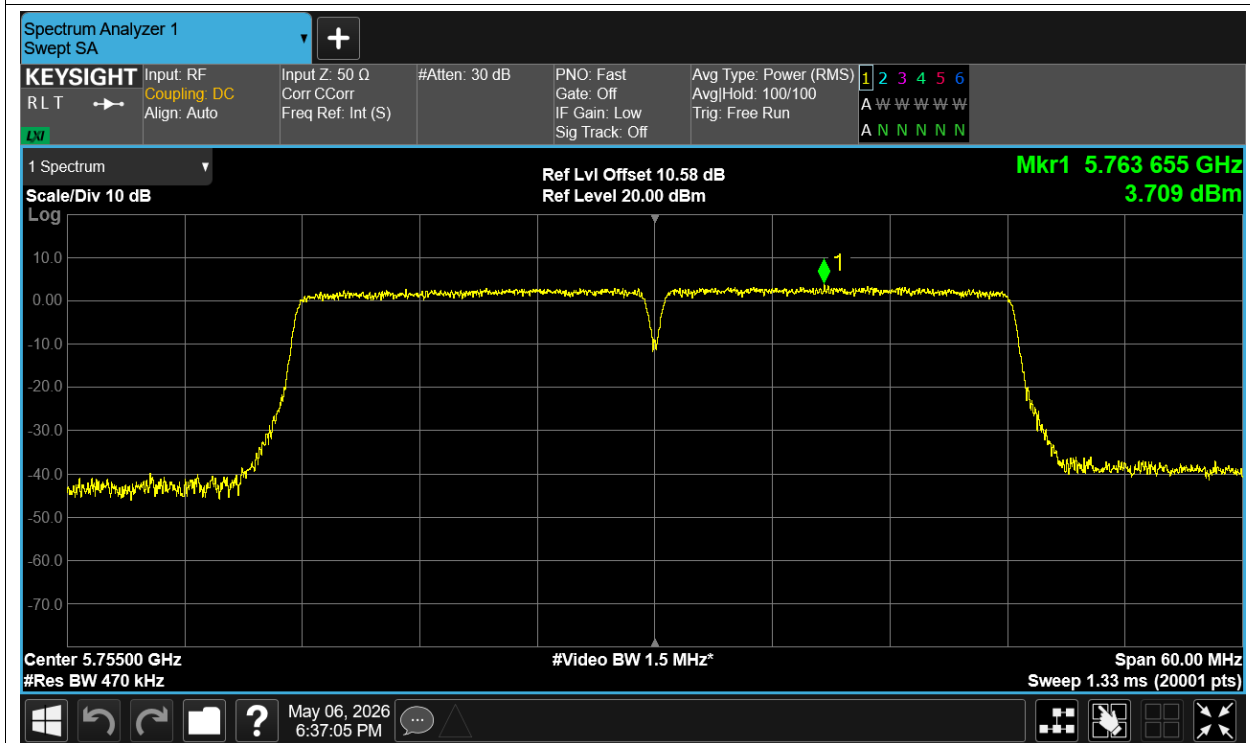
PSD NVNT ac20 5825MHz Ant2



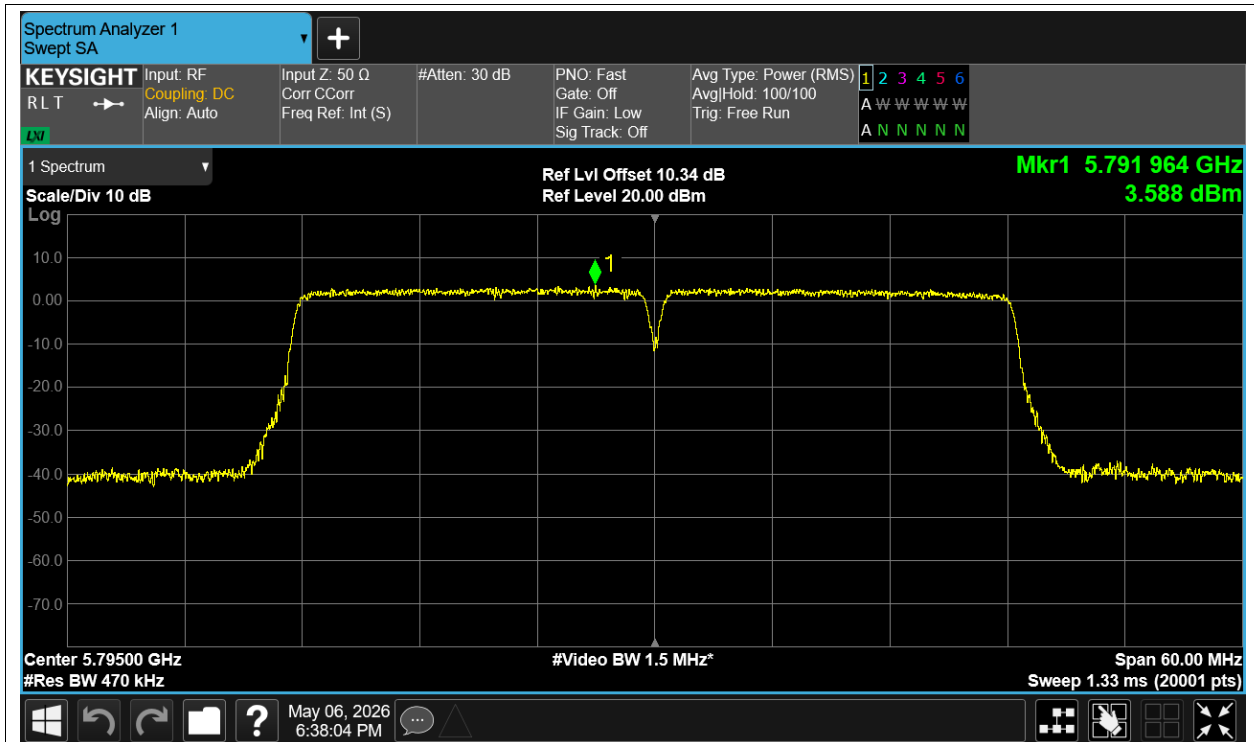
PSD NVNT ac40 5755MHz Ant1



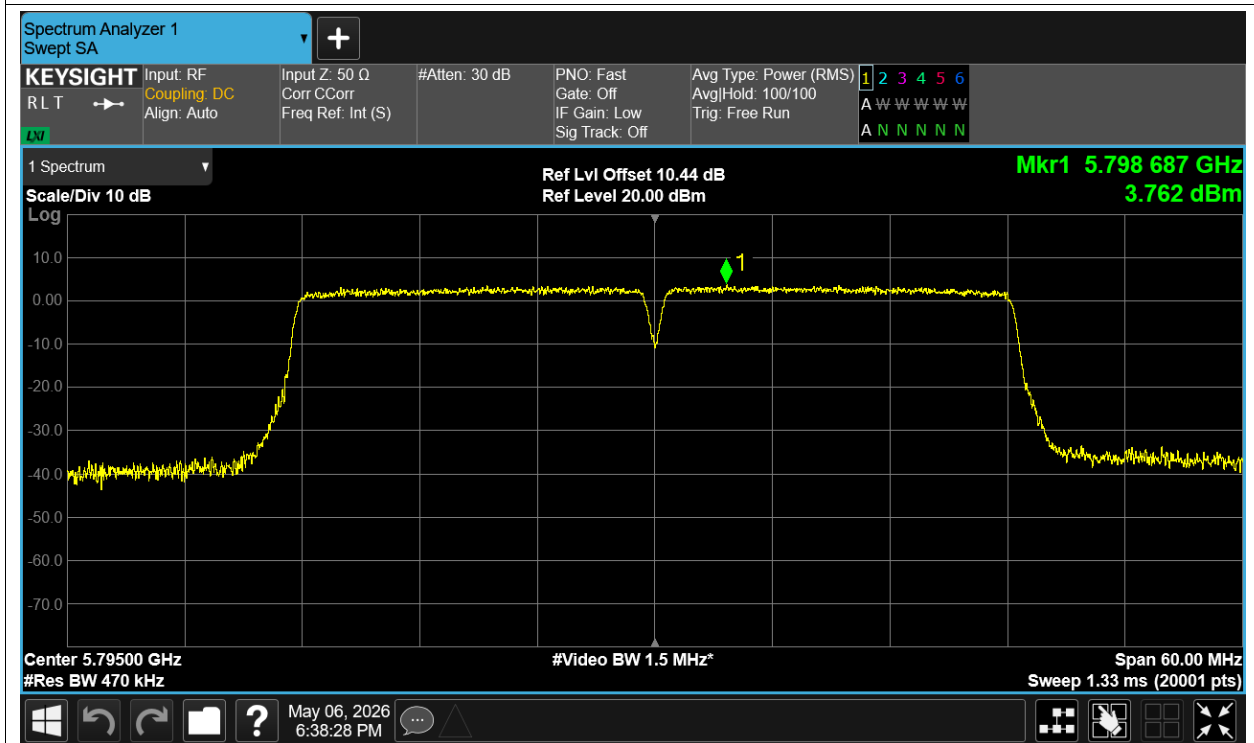
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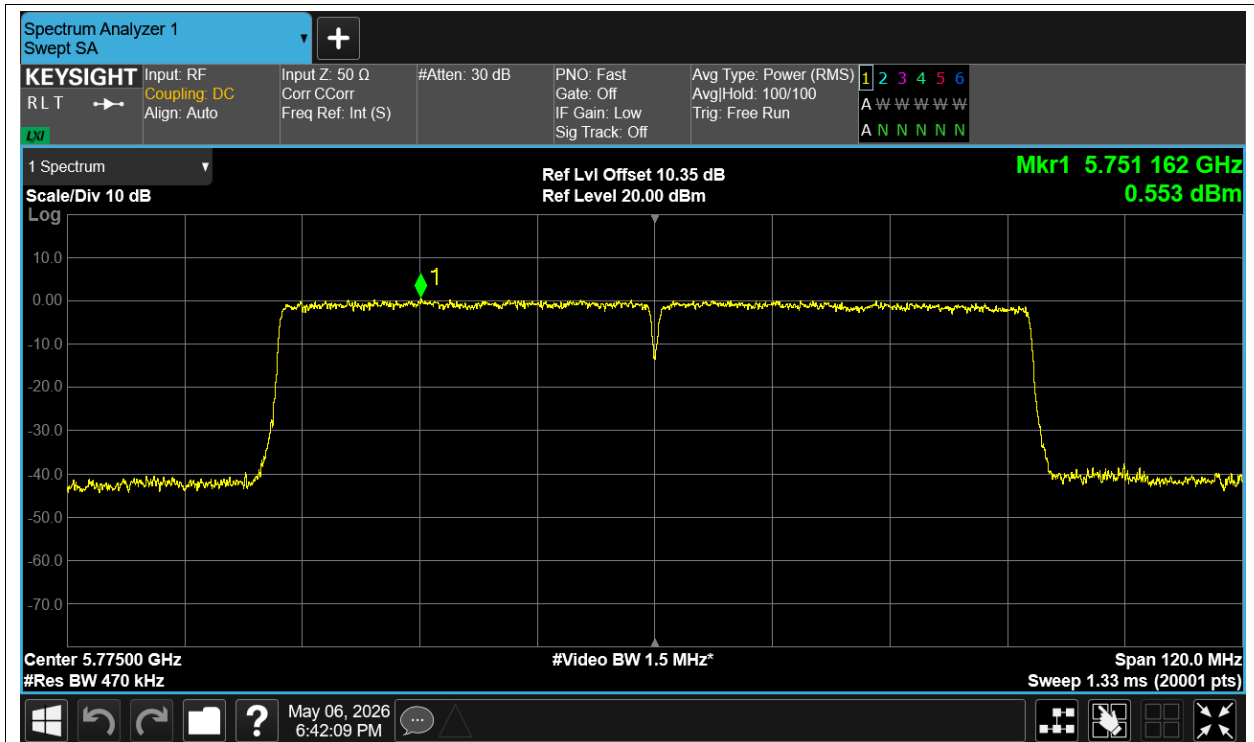
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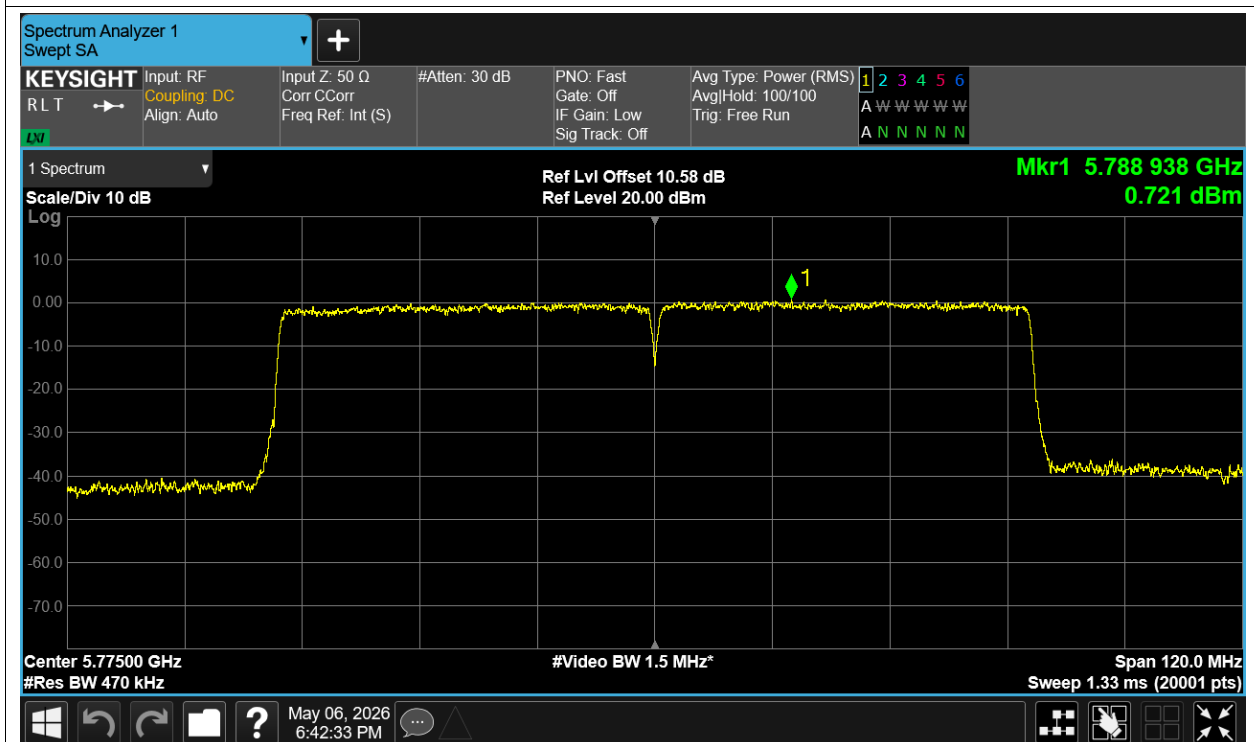
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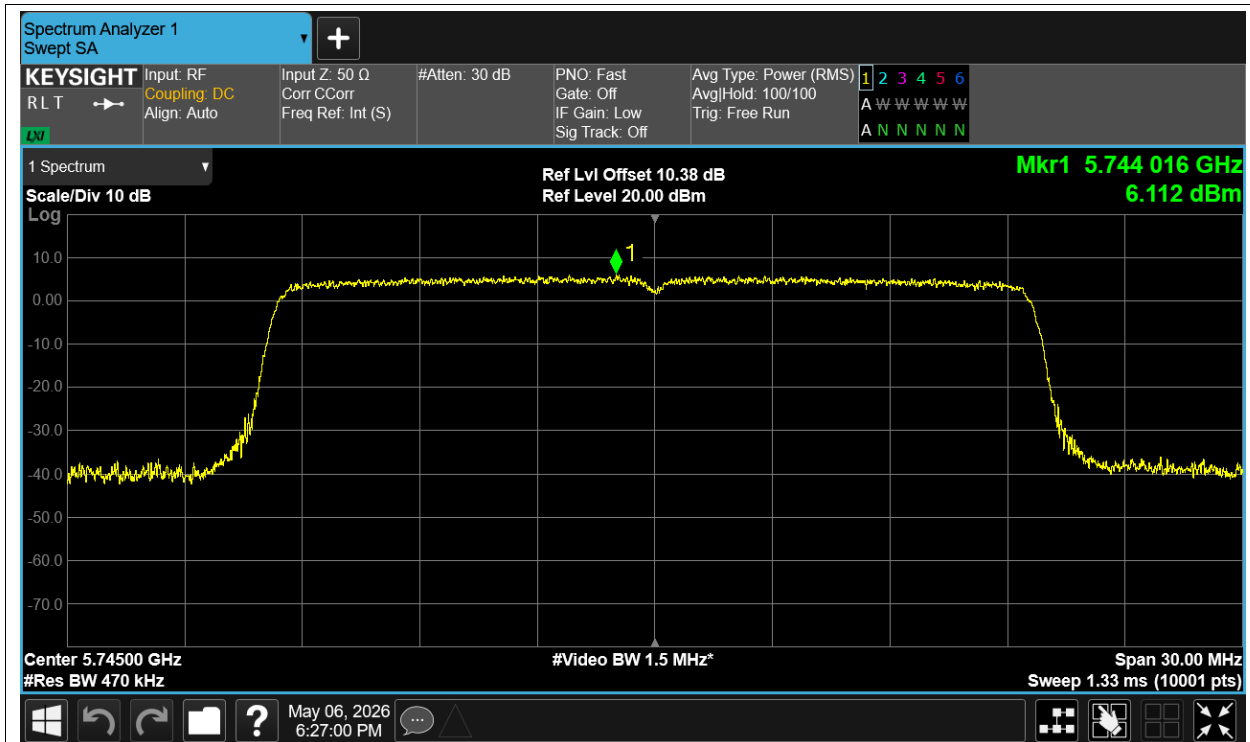
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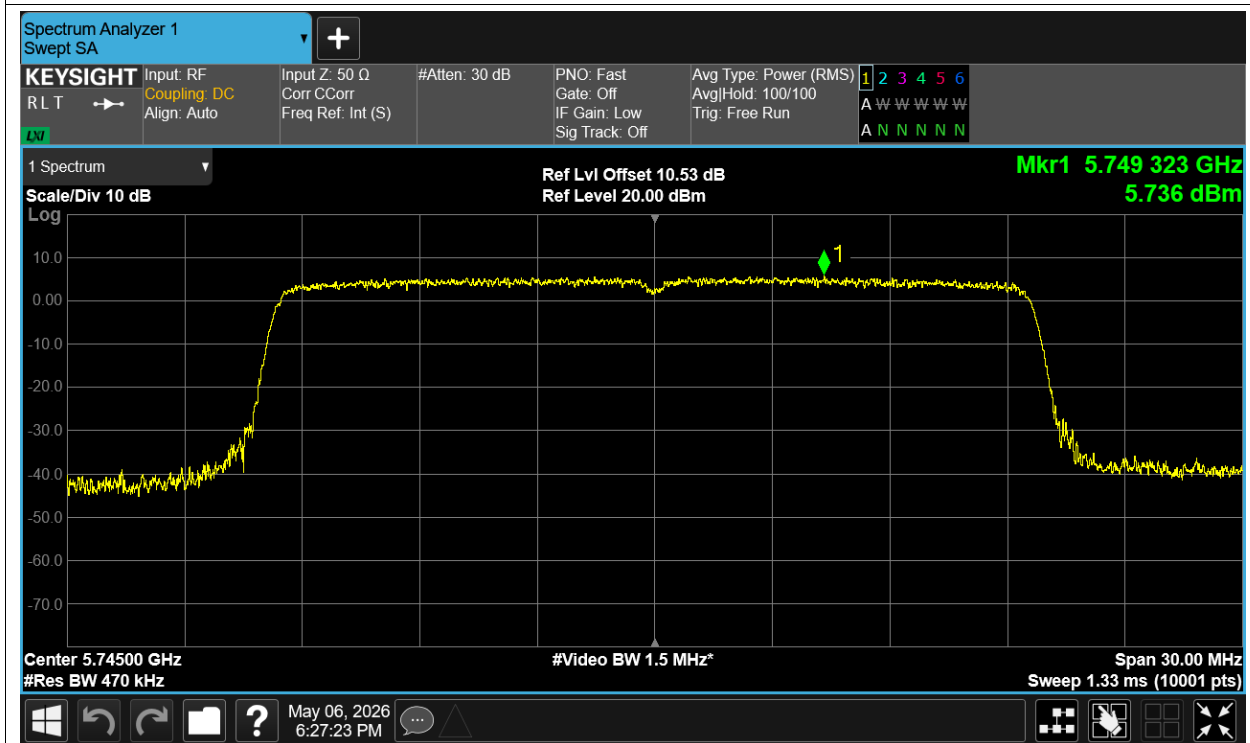
PSD NVNT ac80 5775MHz Ant2



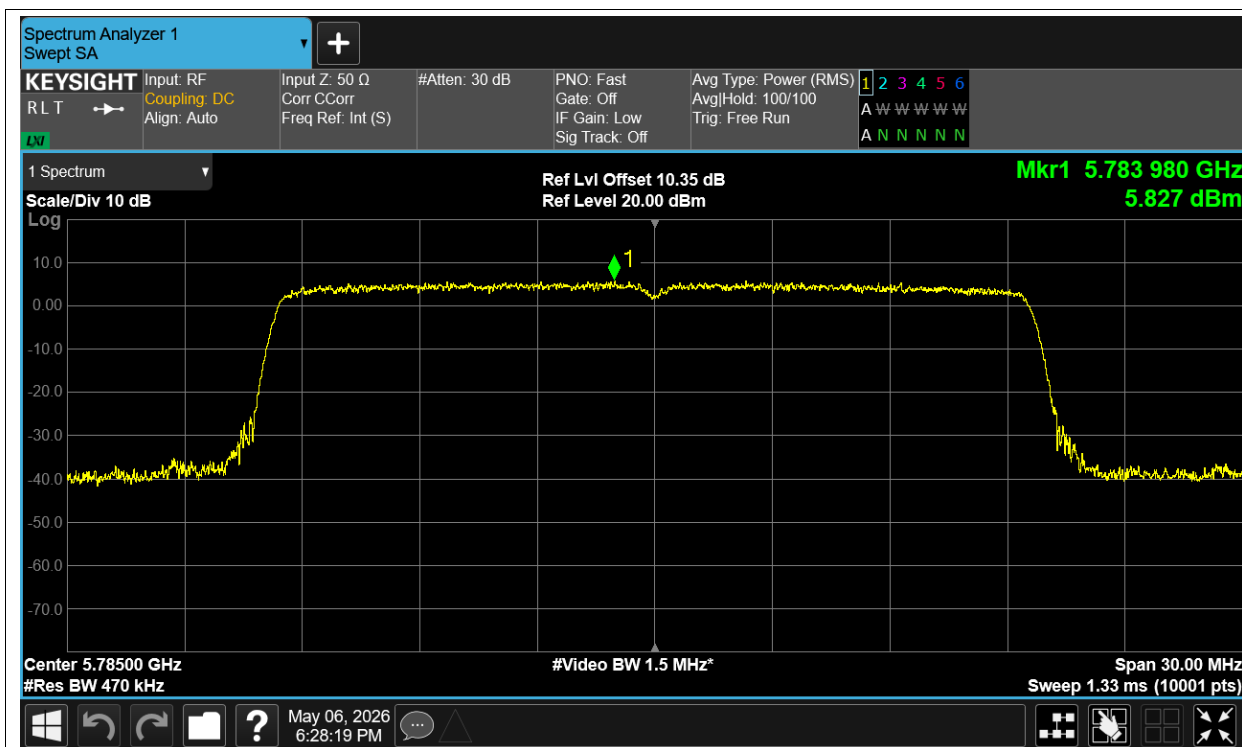
PSD NVNT ax20 5745MHz Ant1



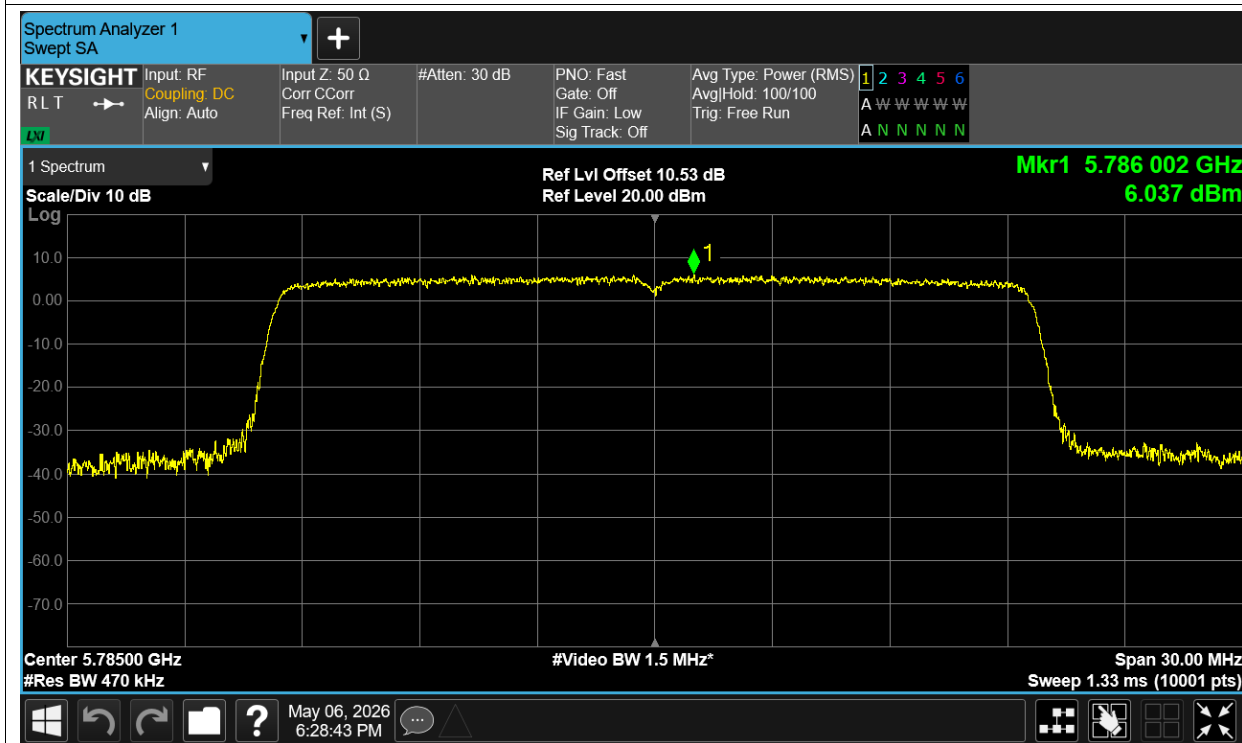
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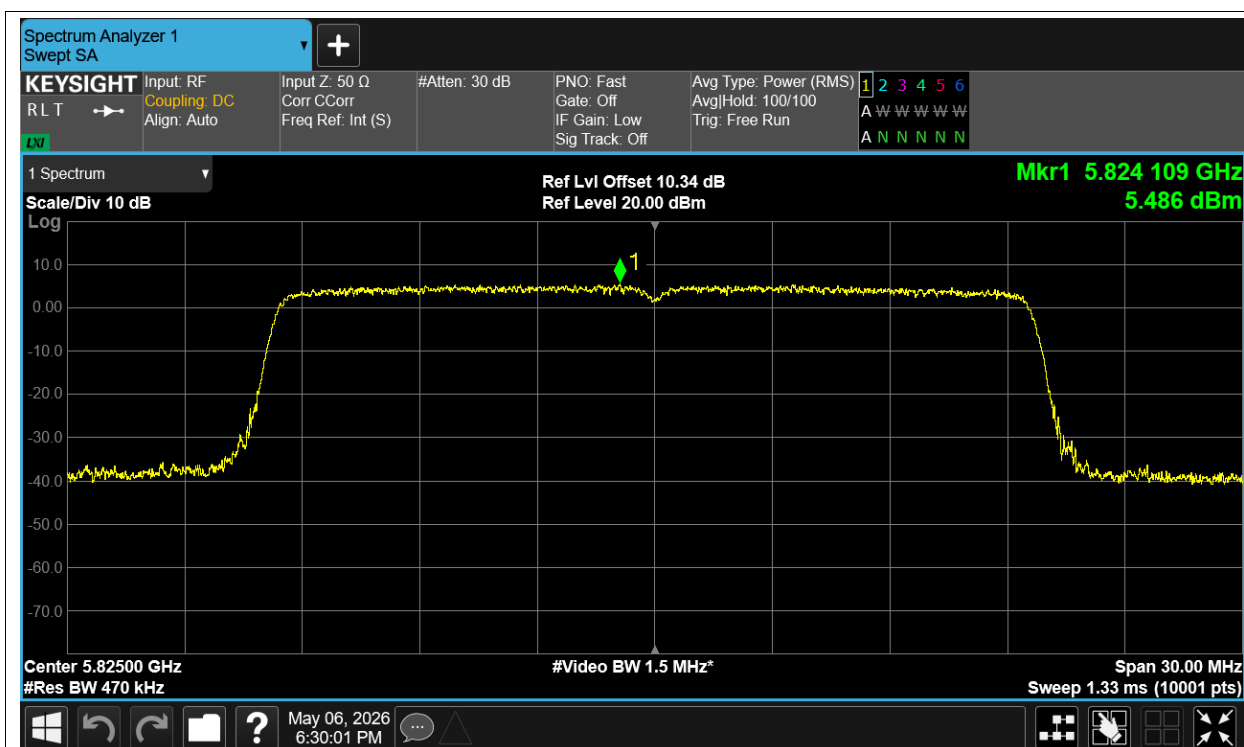
PSD NVNT ax20 5785MHz Ant1



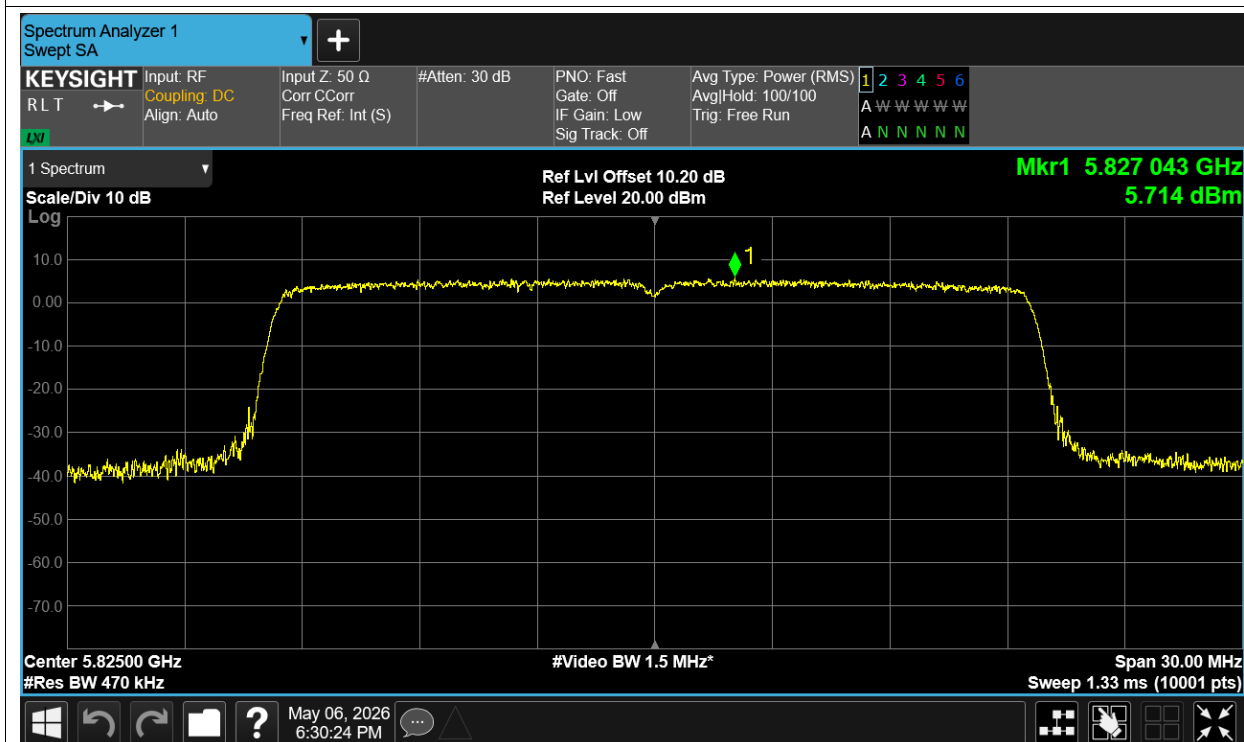
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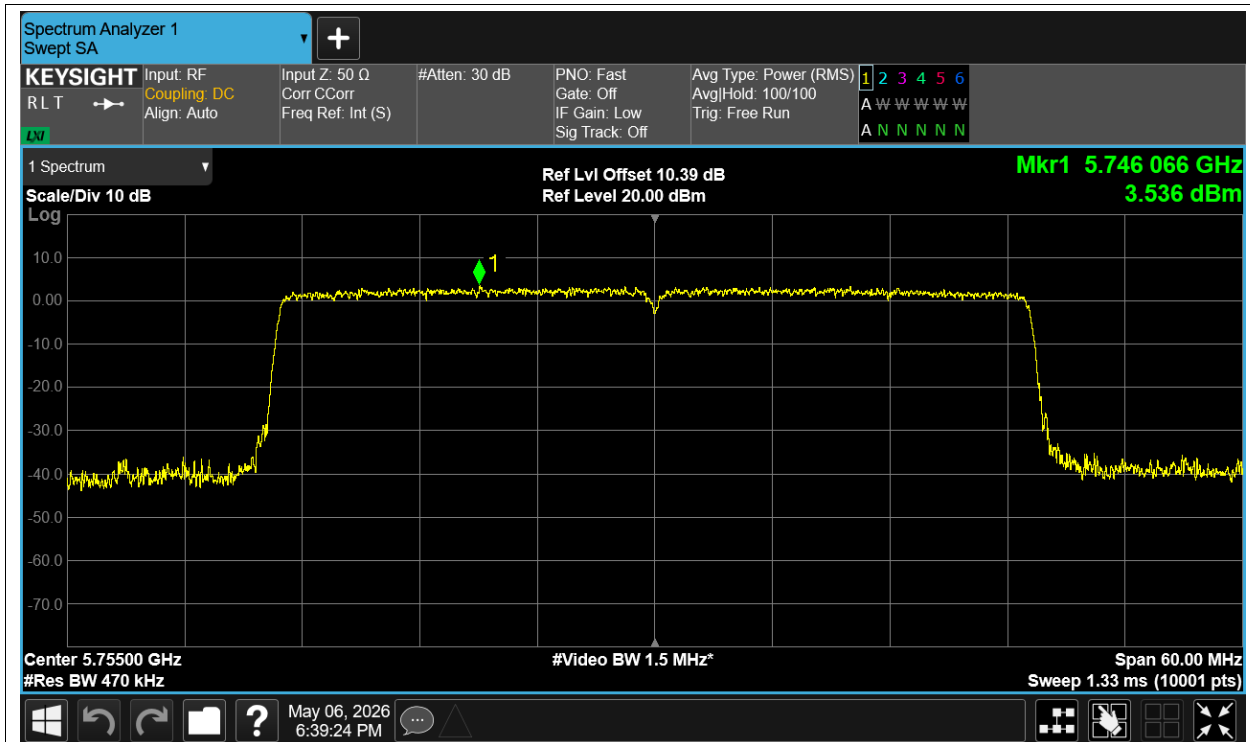
PSD NVNT ax20 5825MHz Ant1



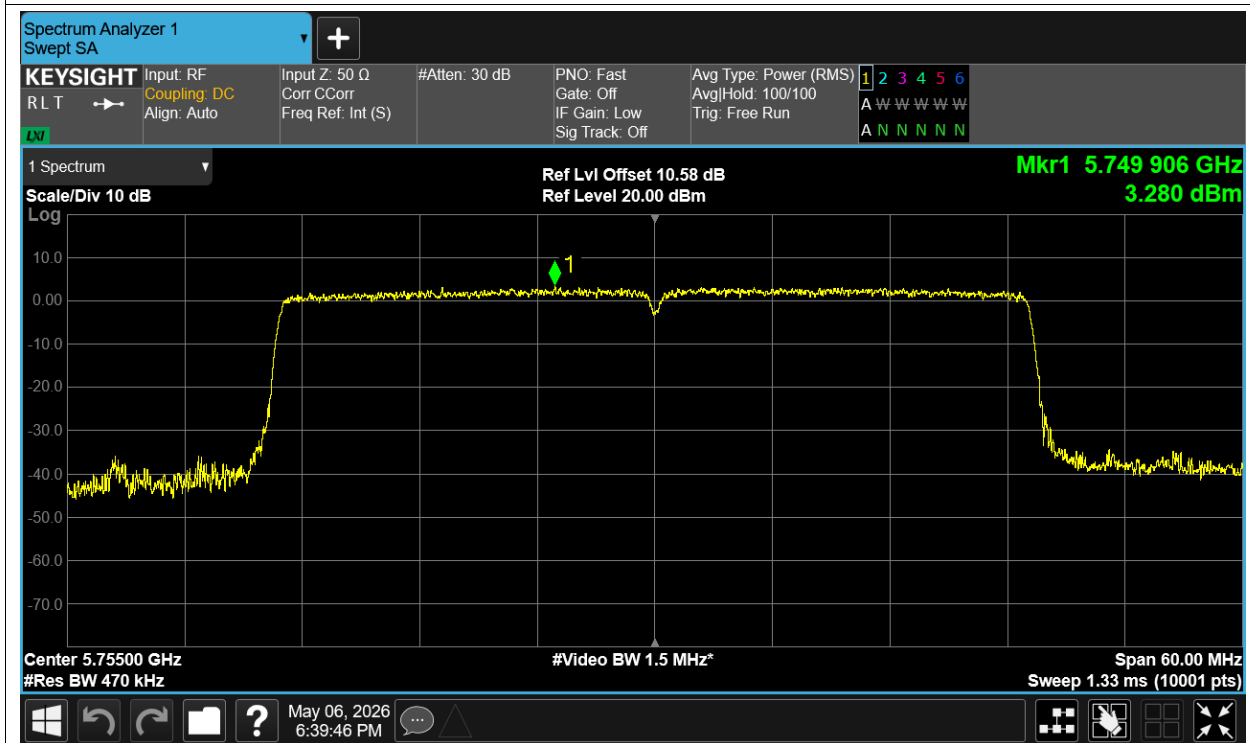
PSD NVNT ax20 5825MHz Ant2



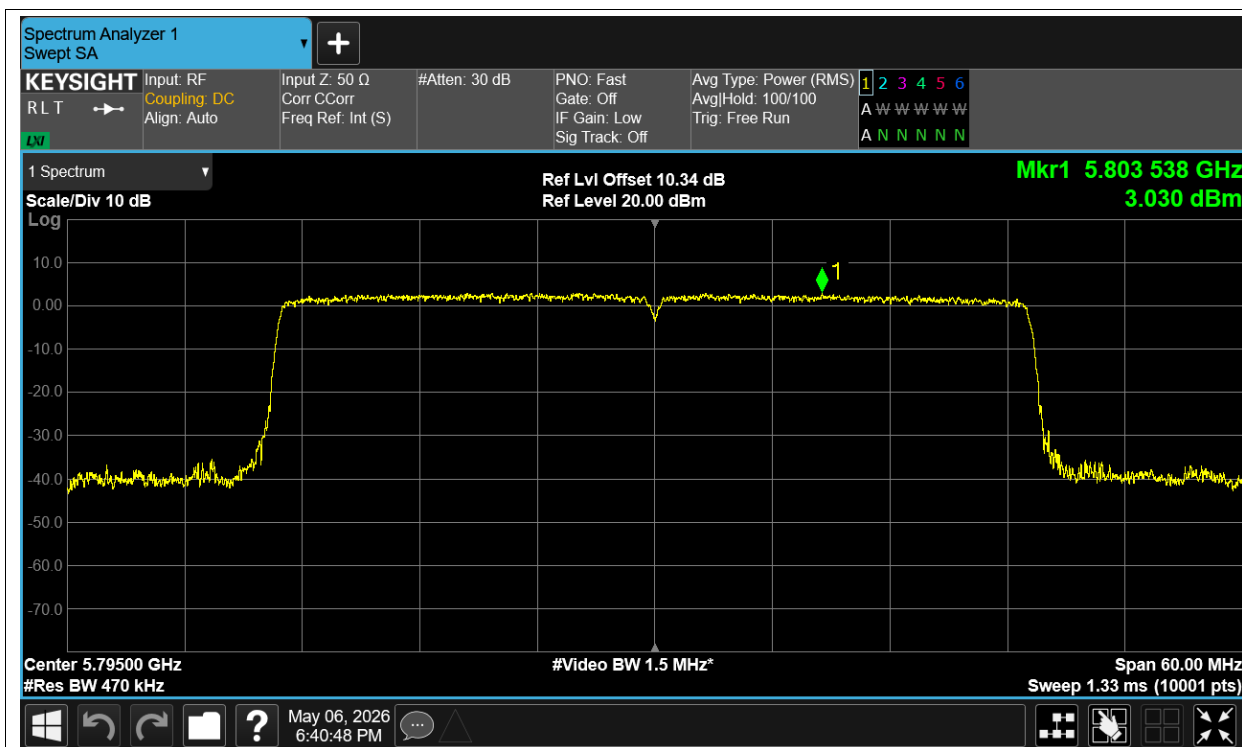
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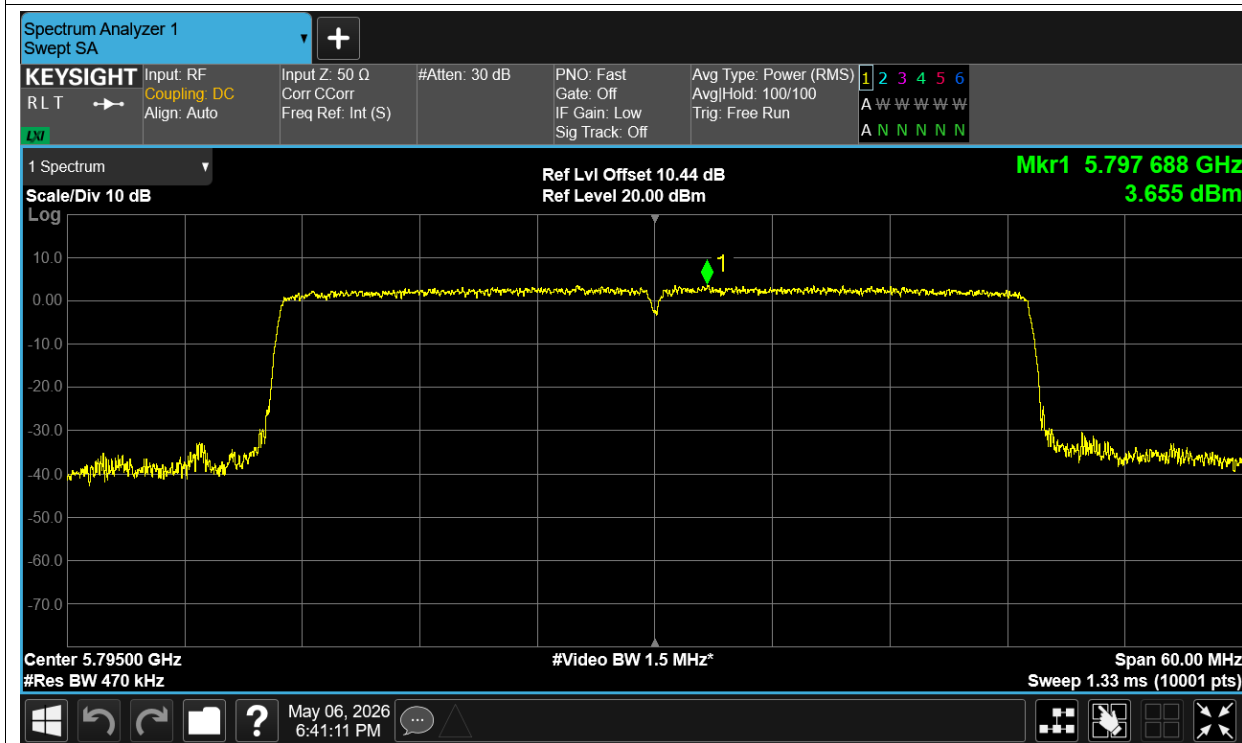
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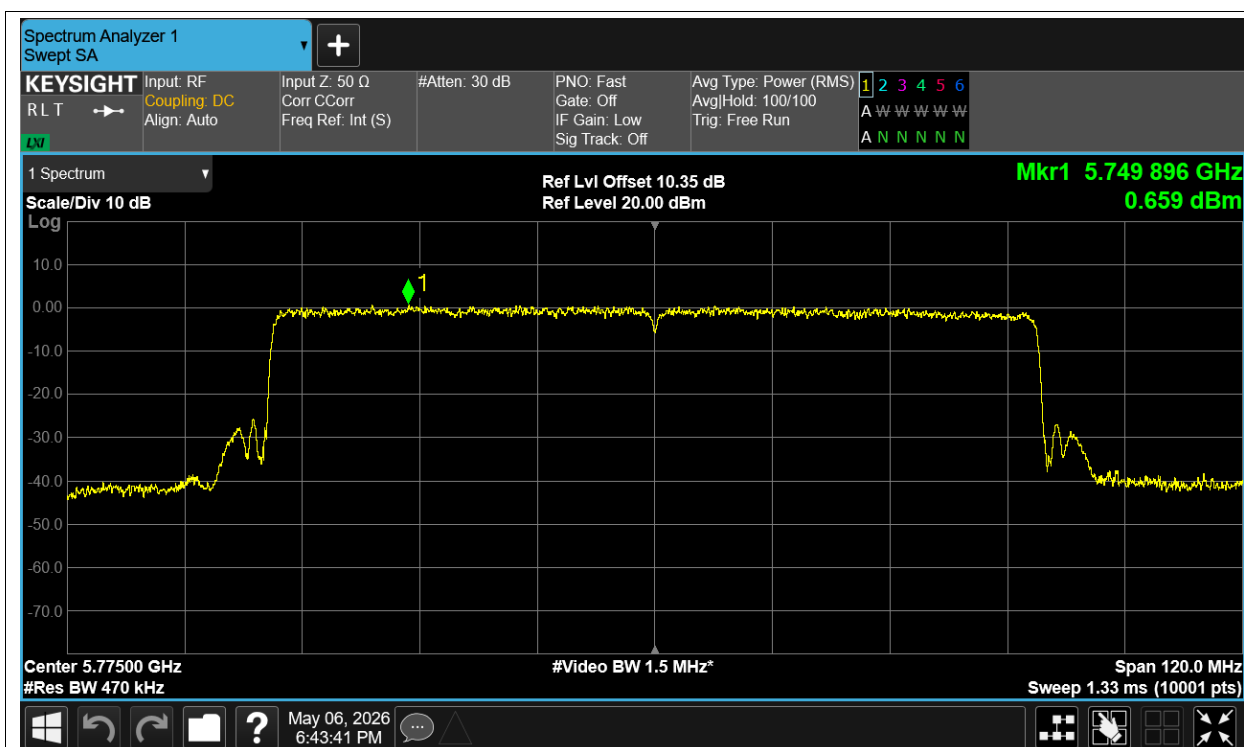
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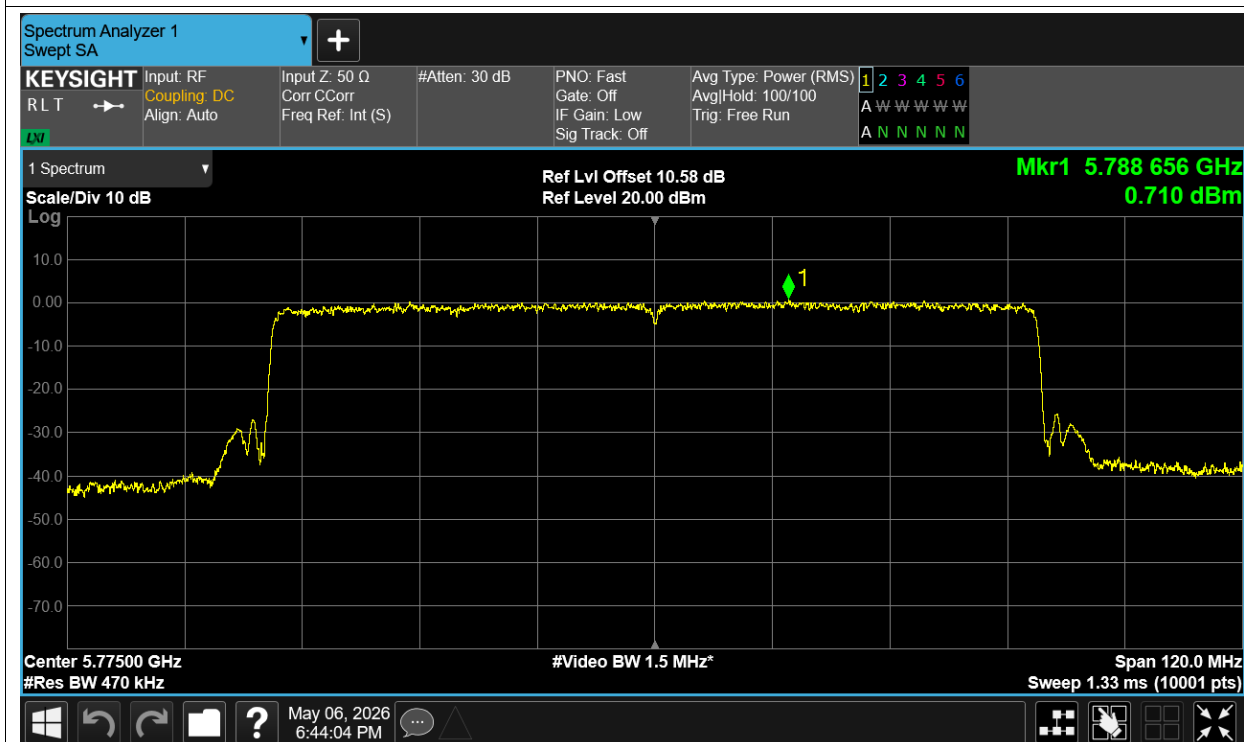
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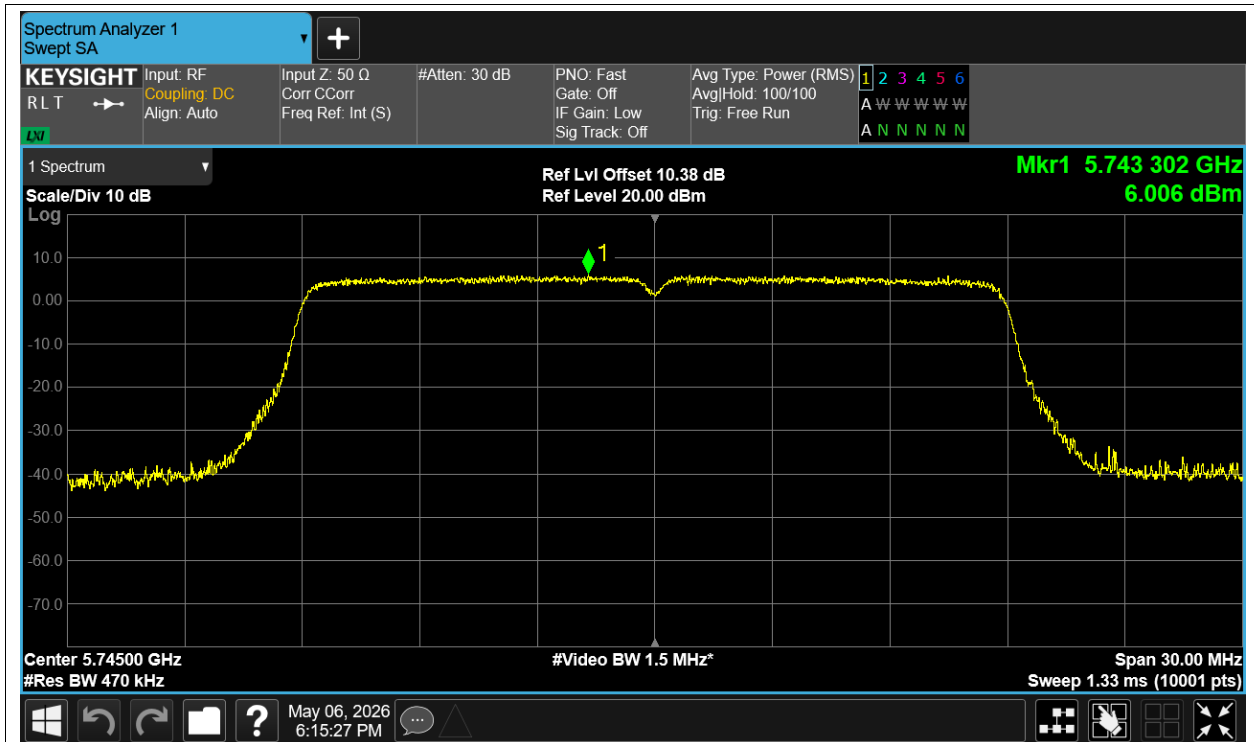
PSD NVNT ax80 5775MHz Ant1



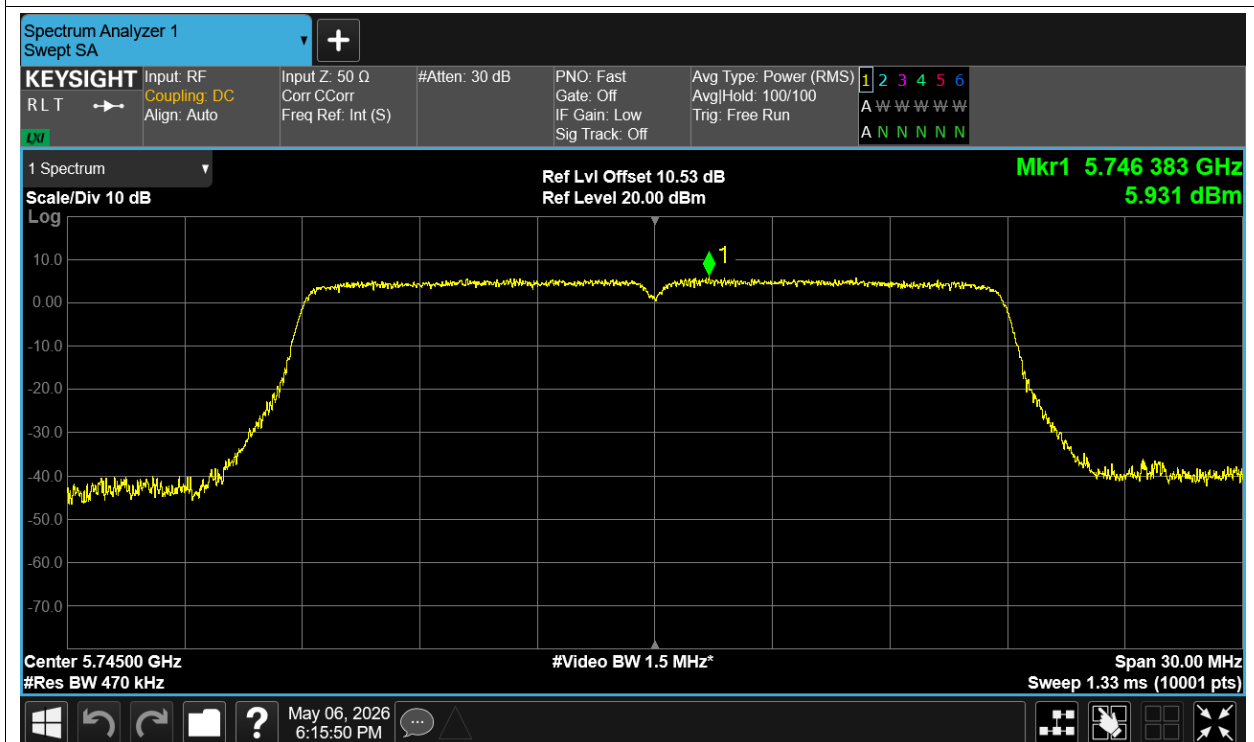
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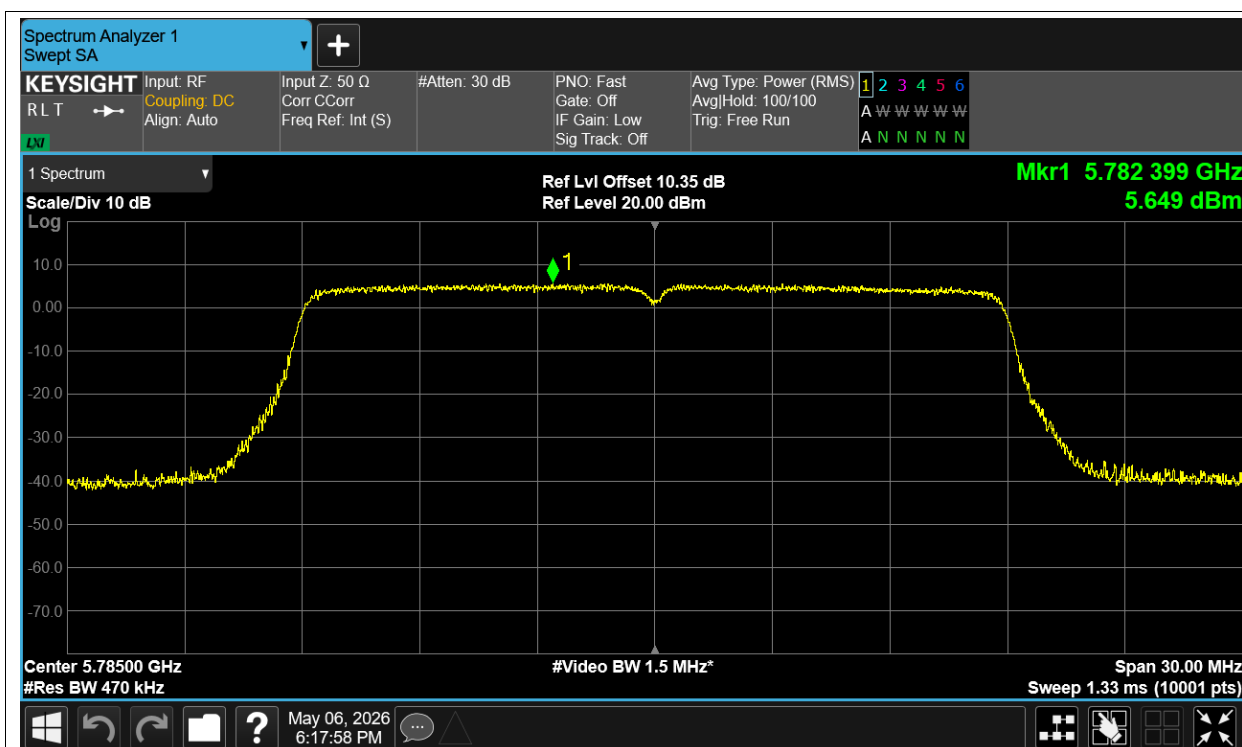
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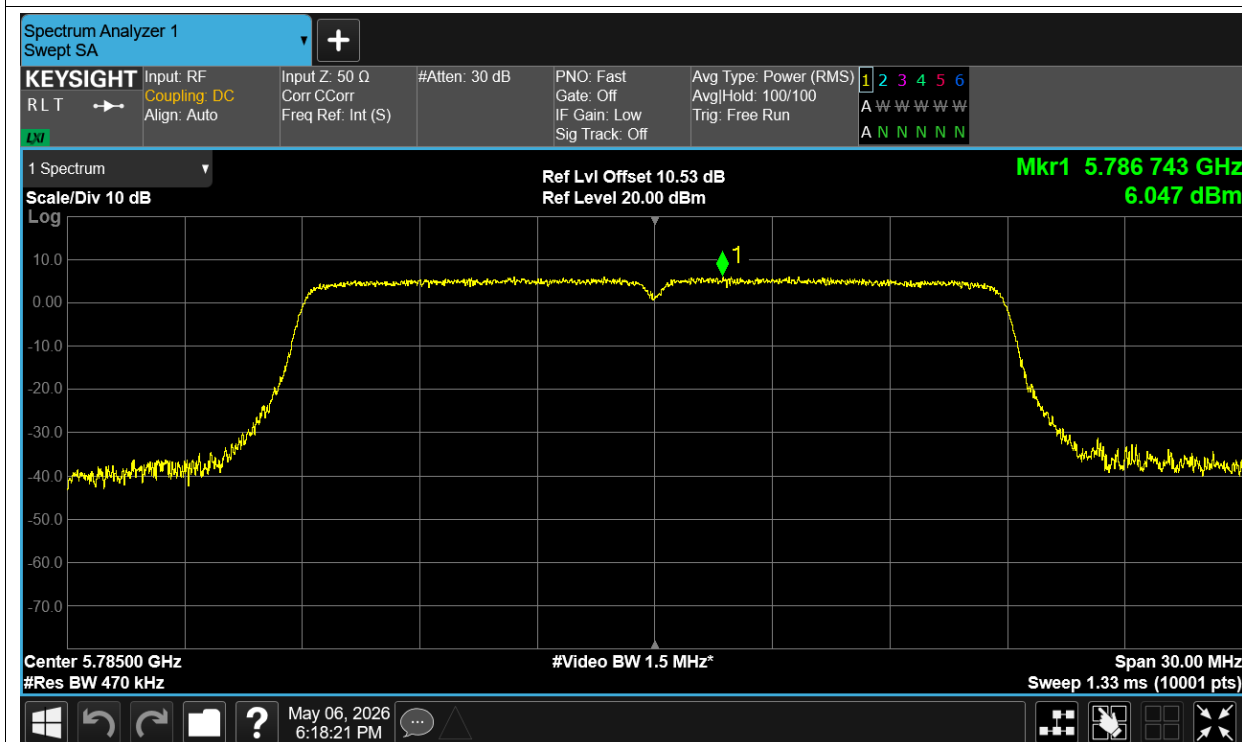
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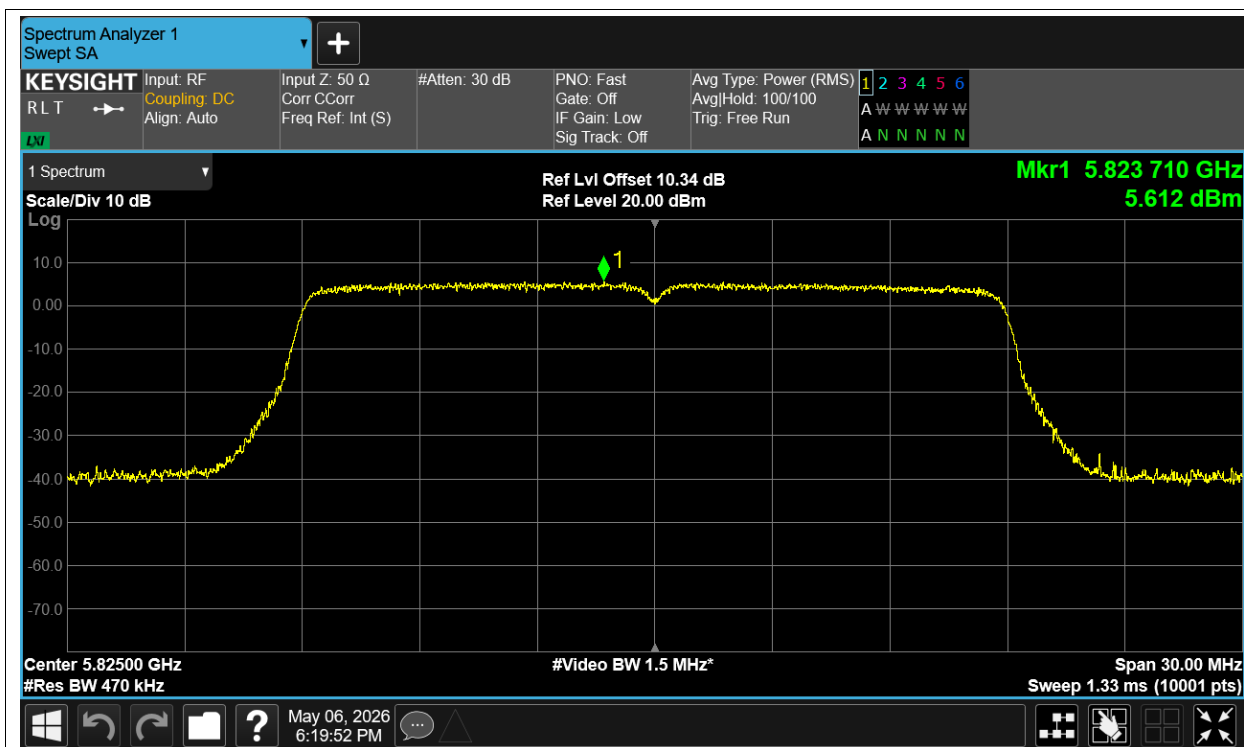
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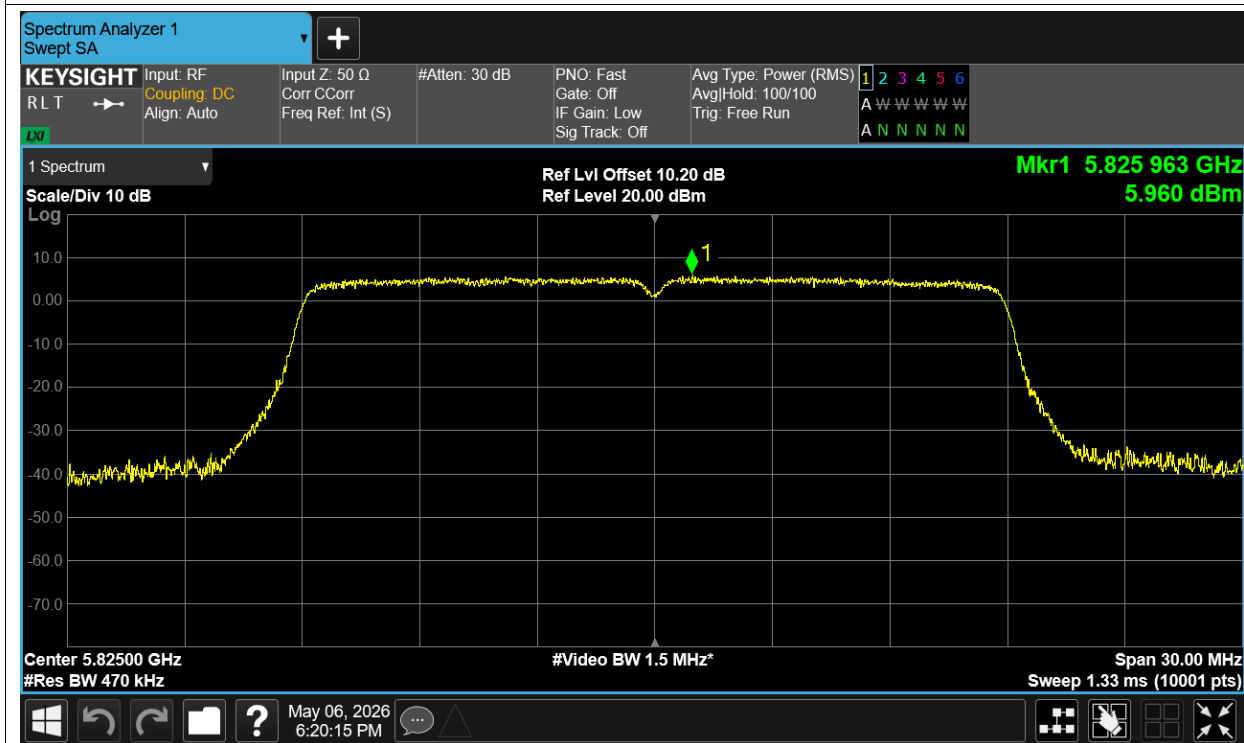
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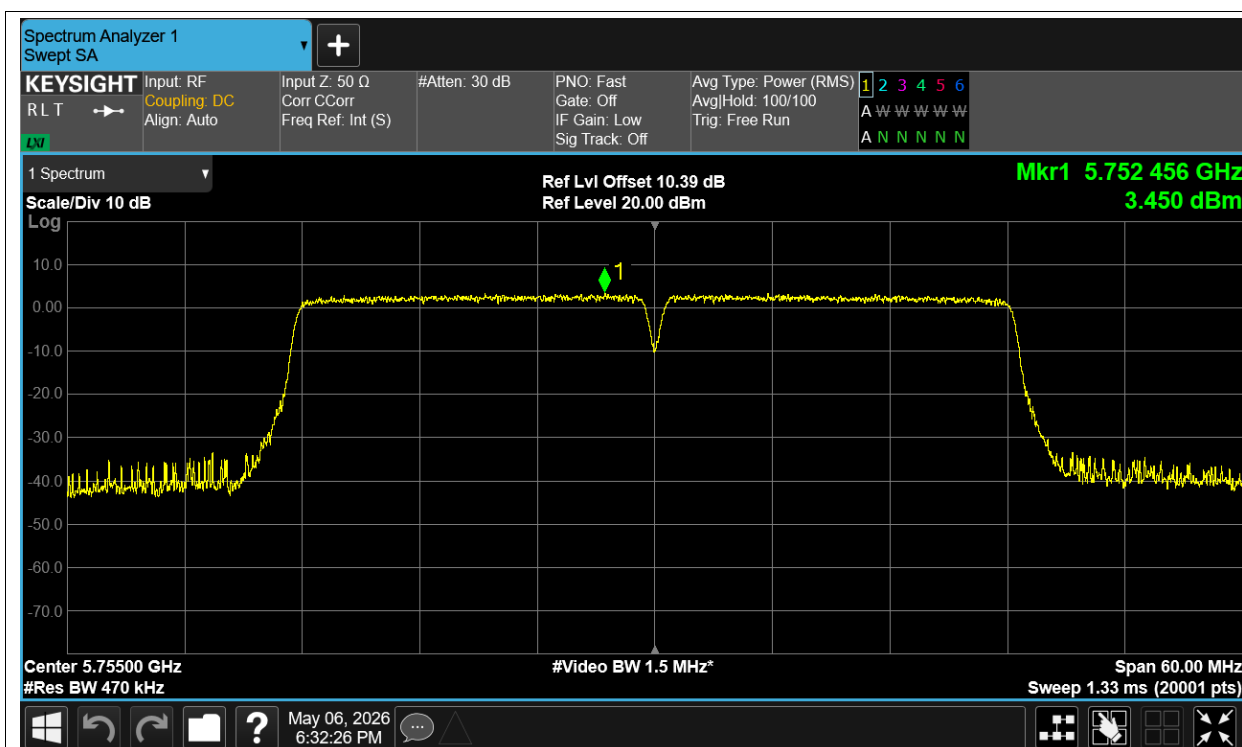
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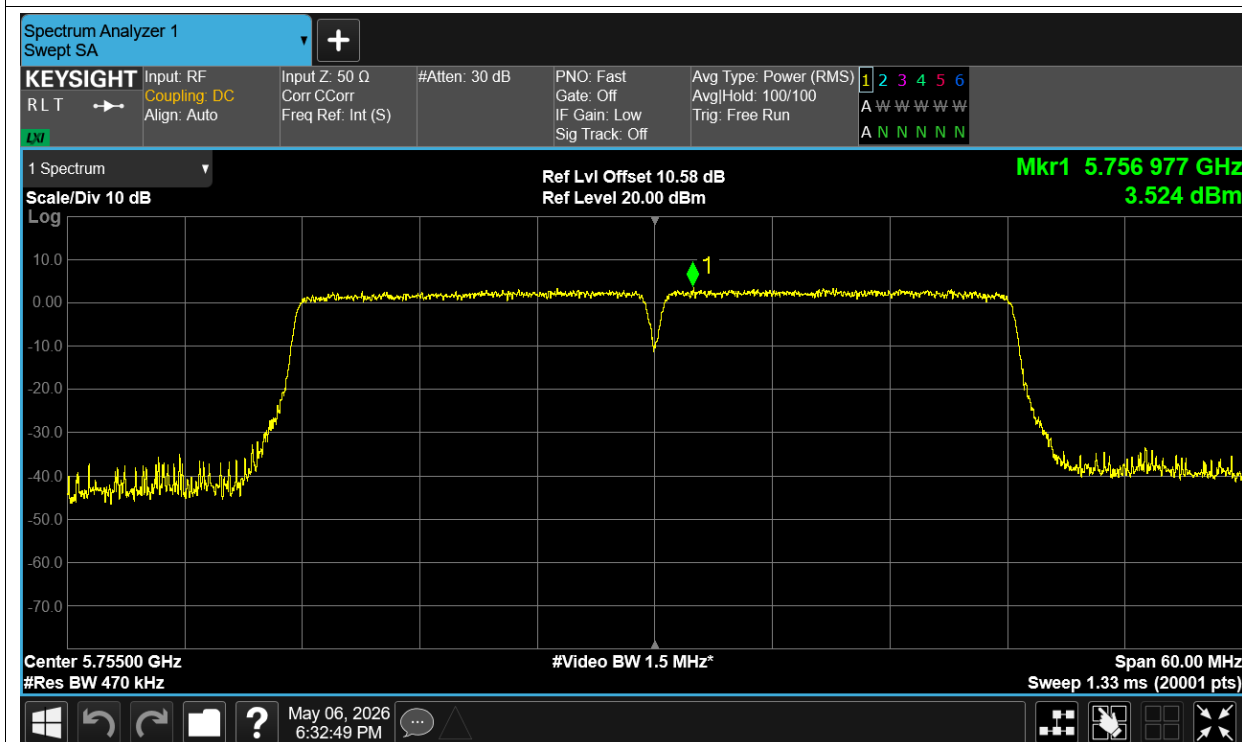
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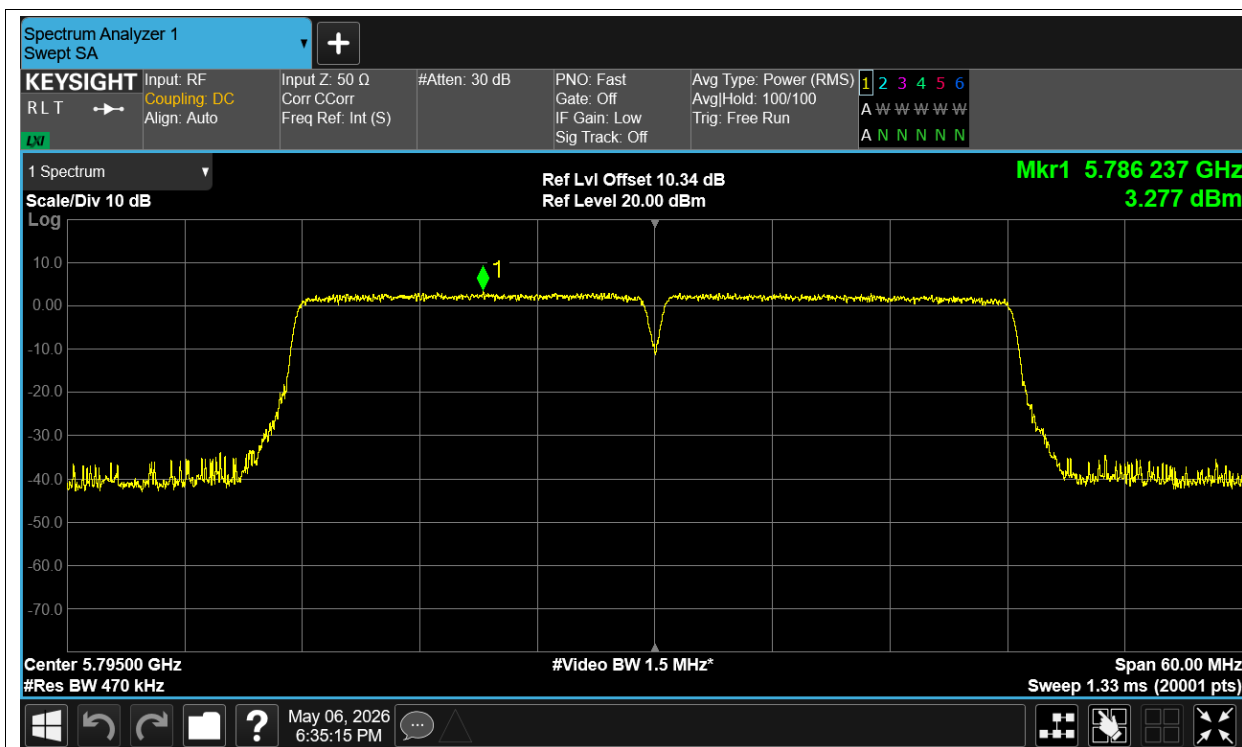
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5795MHz Ant2

