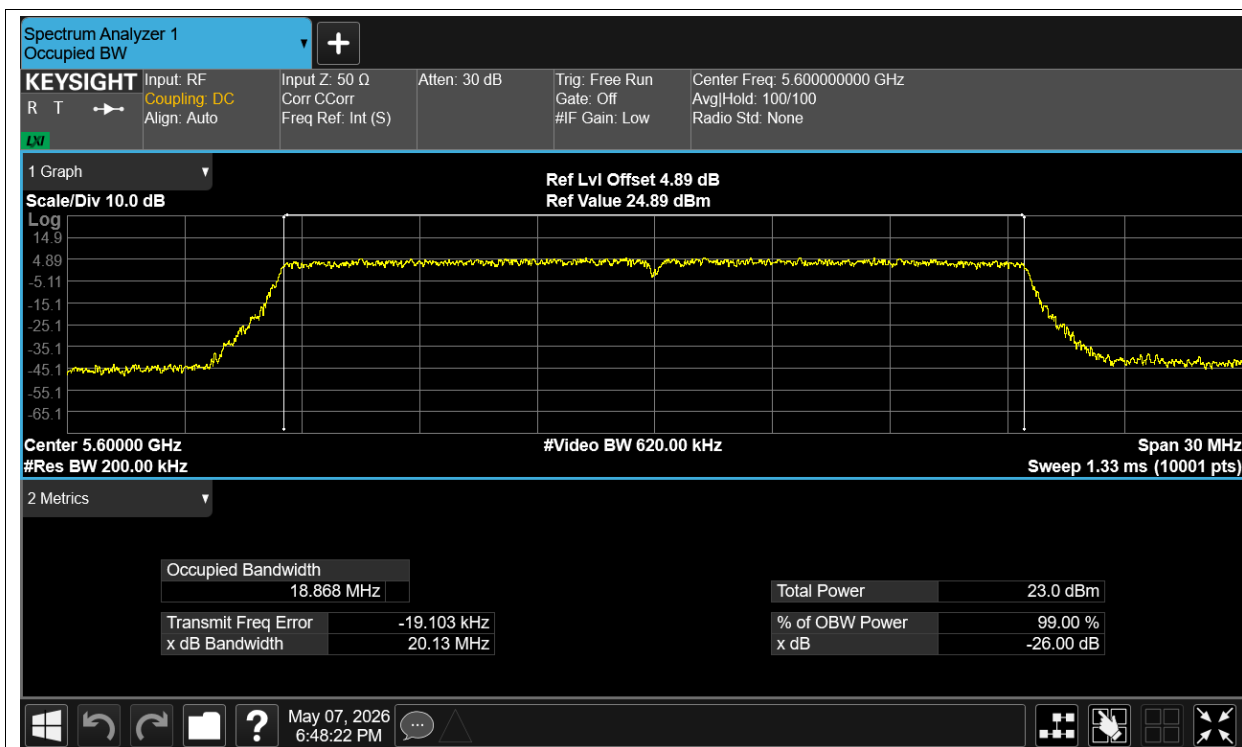
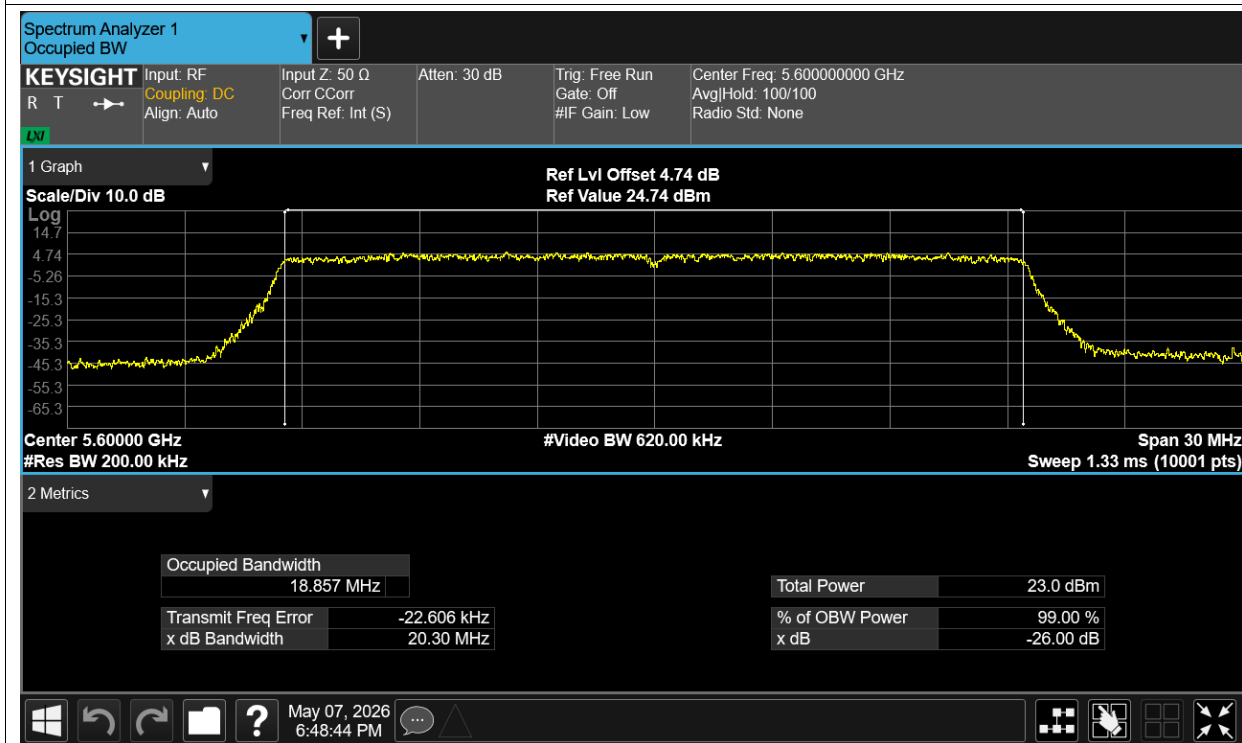
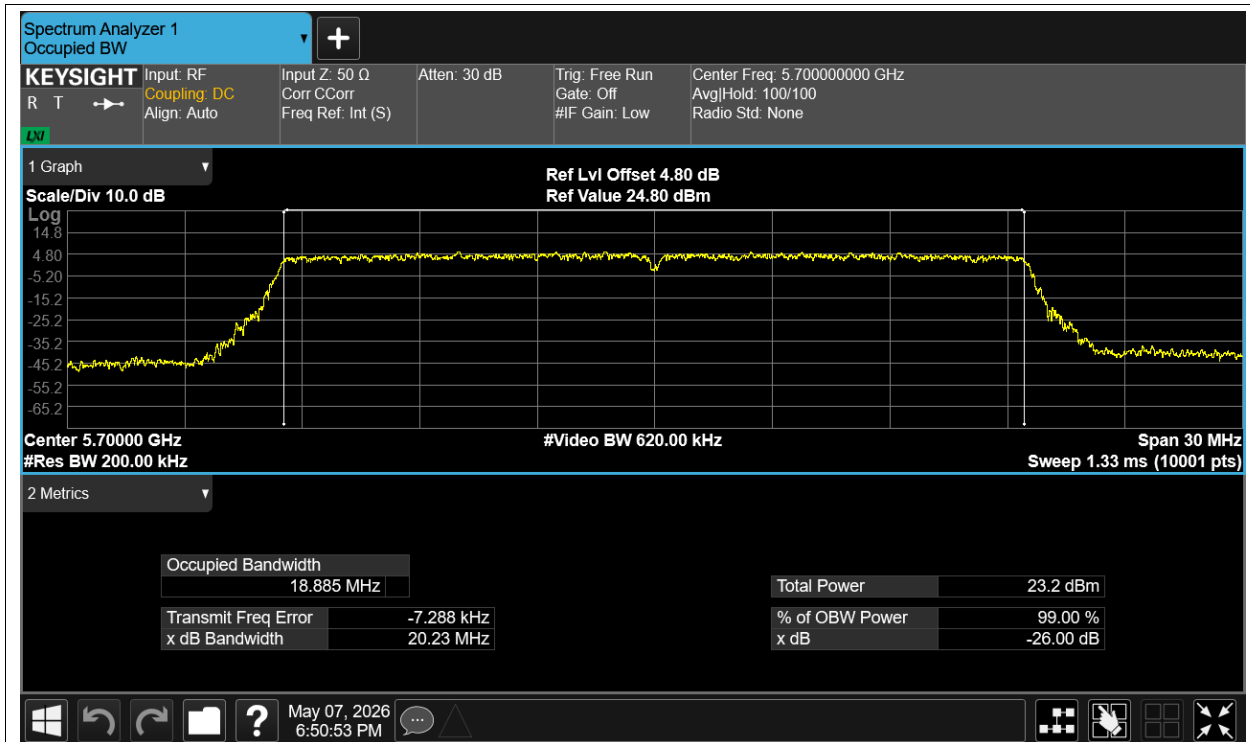




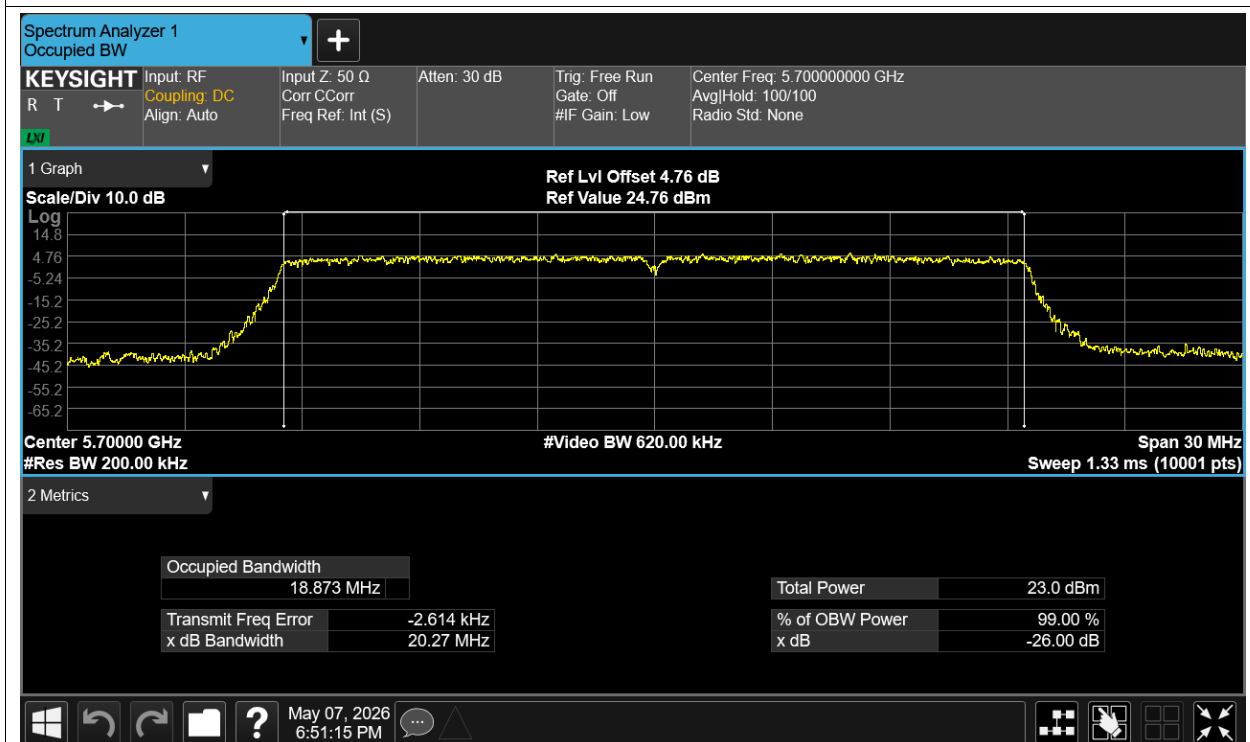
OBW NVNT ax20 5600MHz Ant2



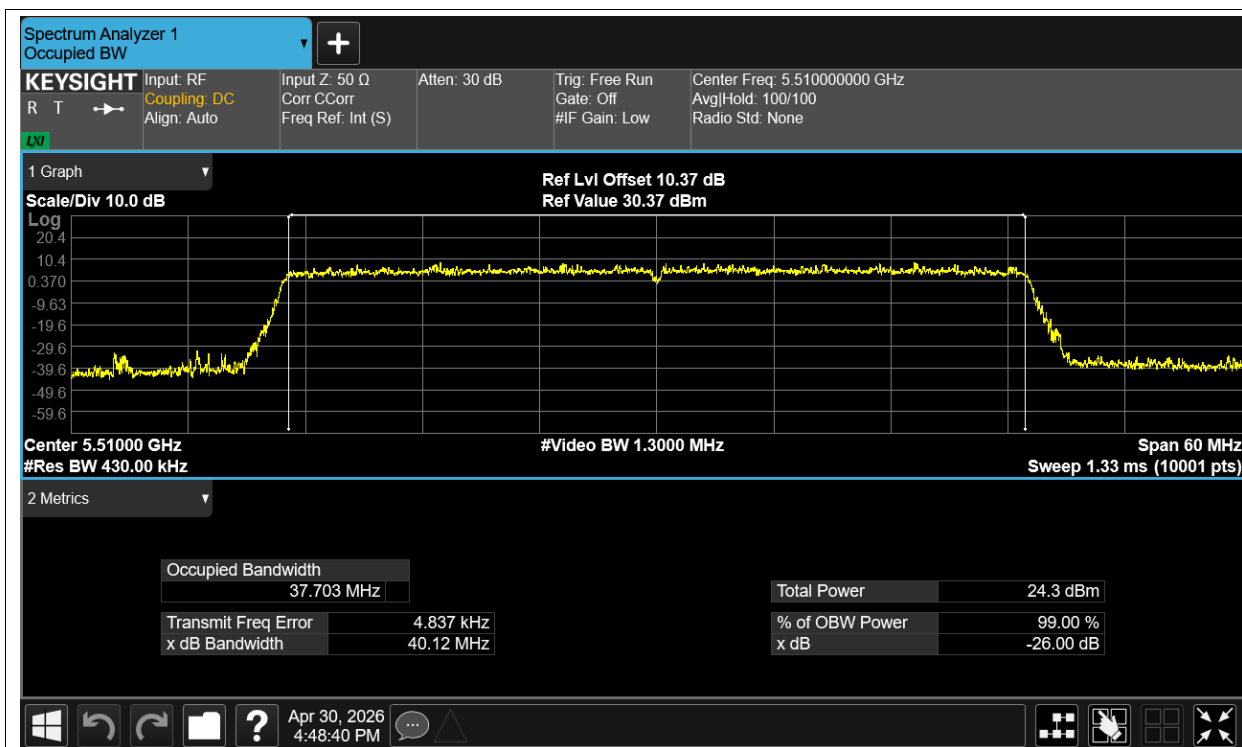
OBW NVNT ax20 5700MHz Ant1



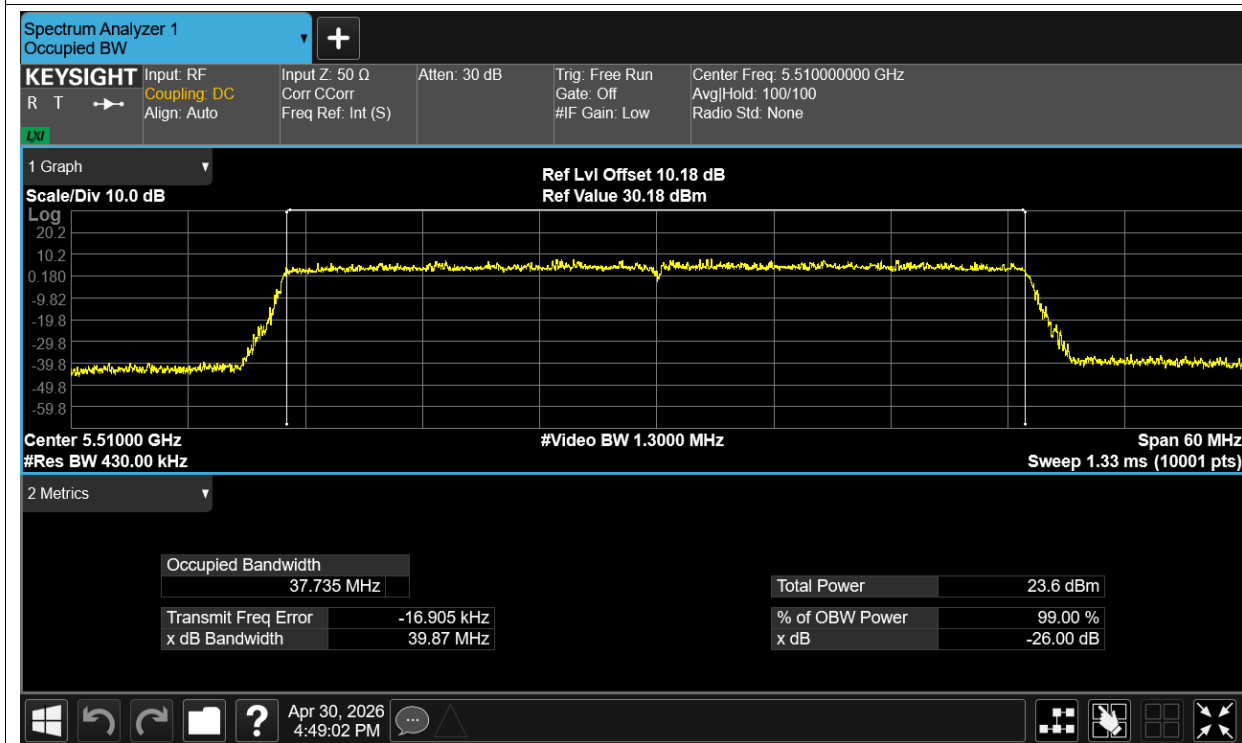
OBW NVNT ax20 5700MHz Ant2



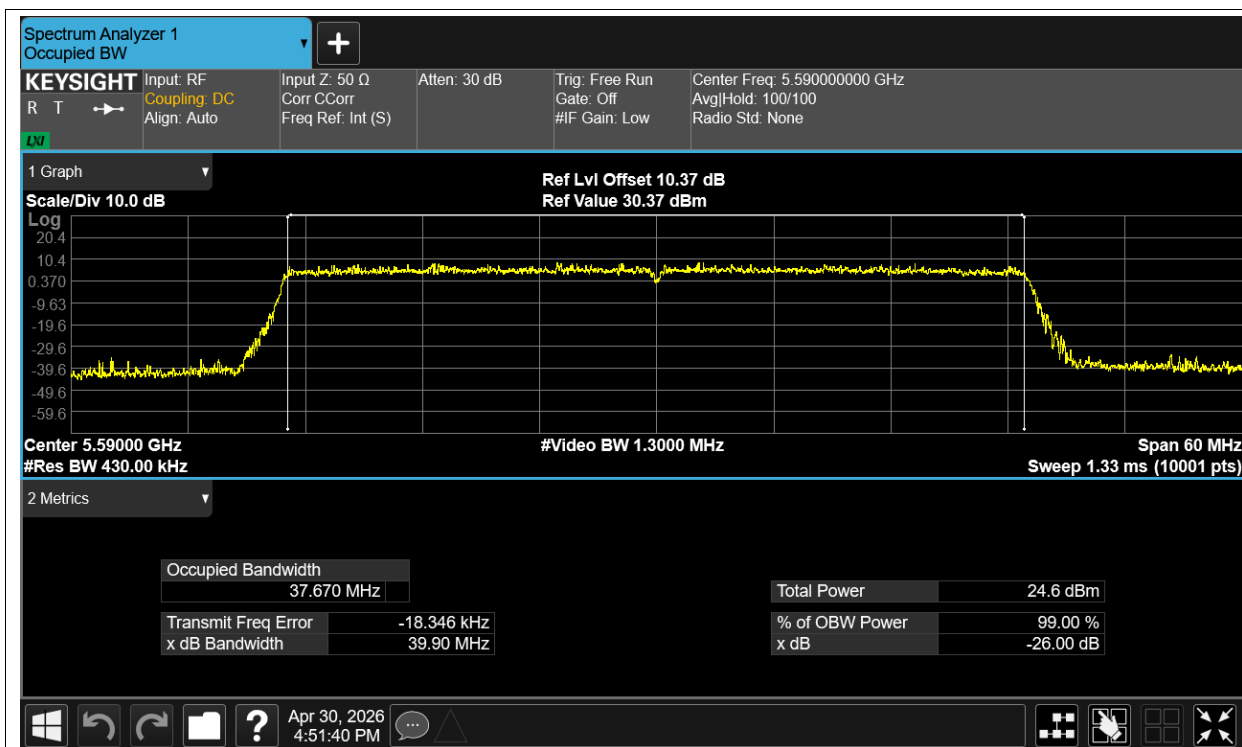
OBW NVNT ax40 5510MHz Ant1



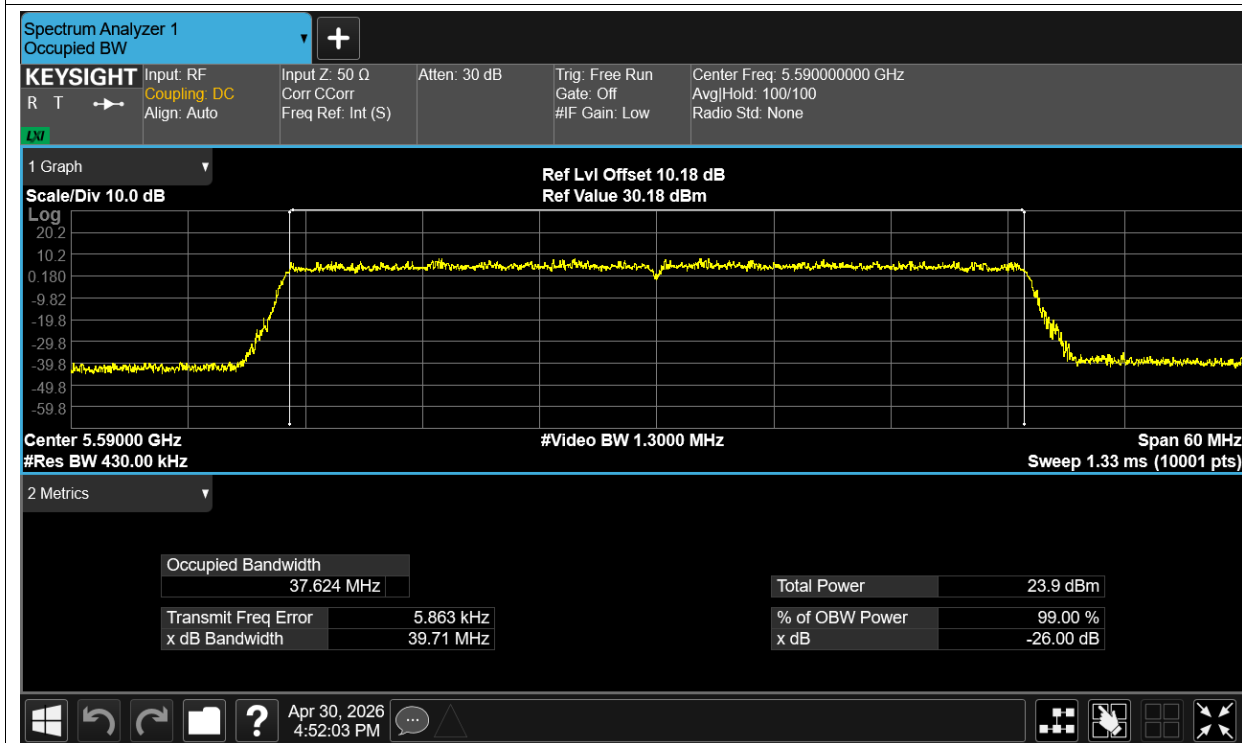
OBW NVNT ax40 5510MHz Ant2



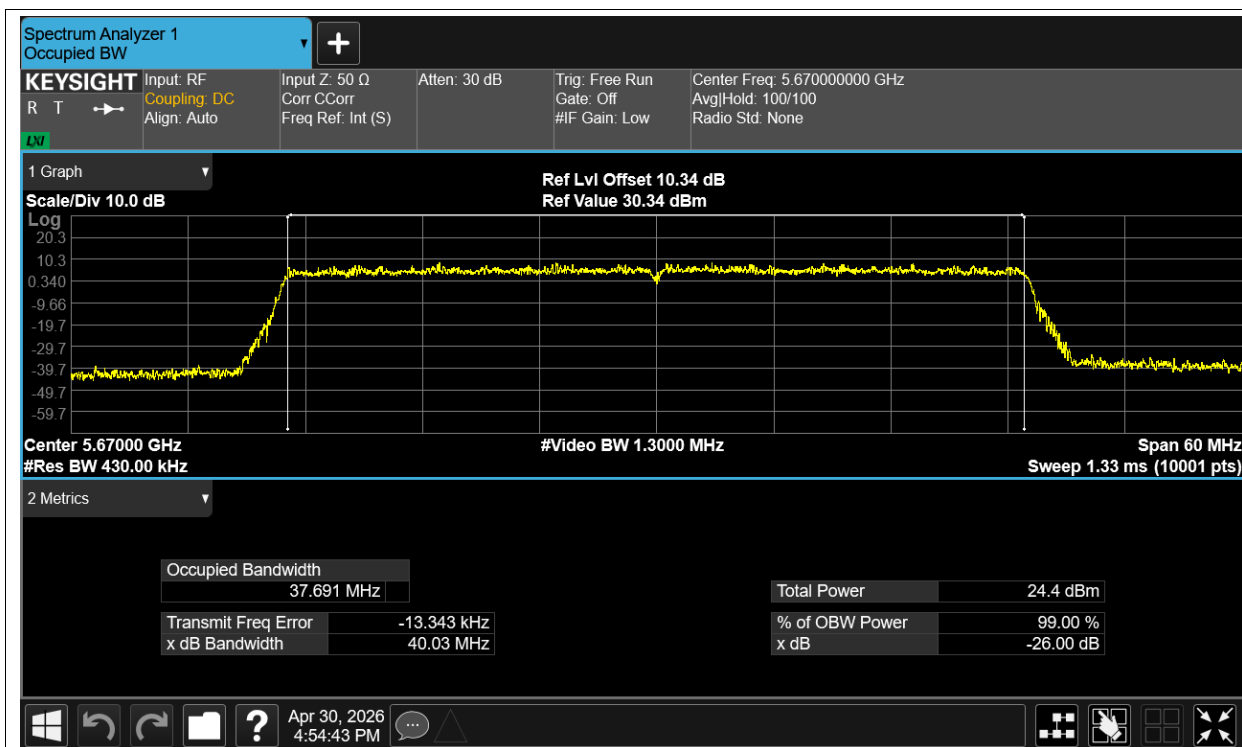
OBW NVNT ax40 5590MHz Ant1



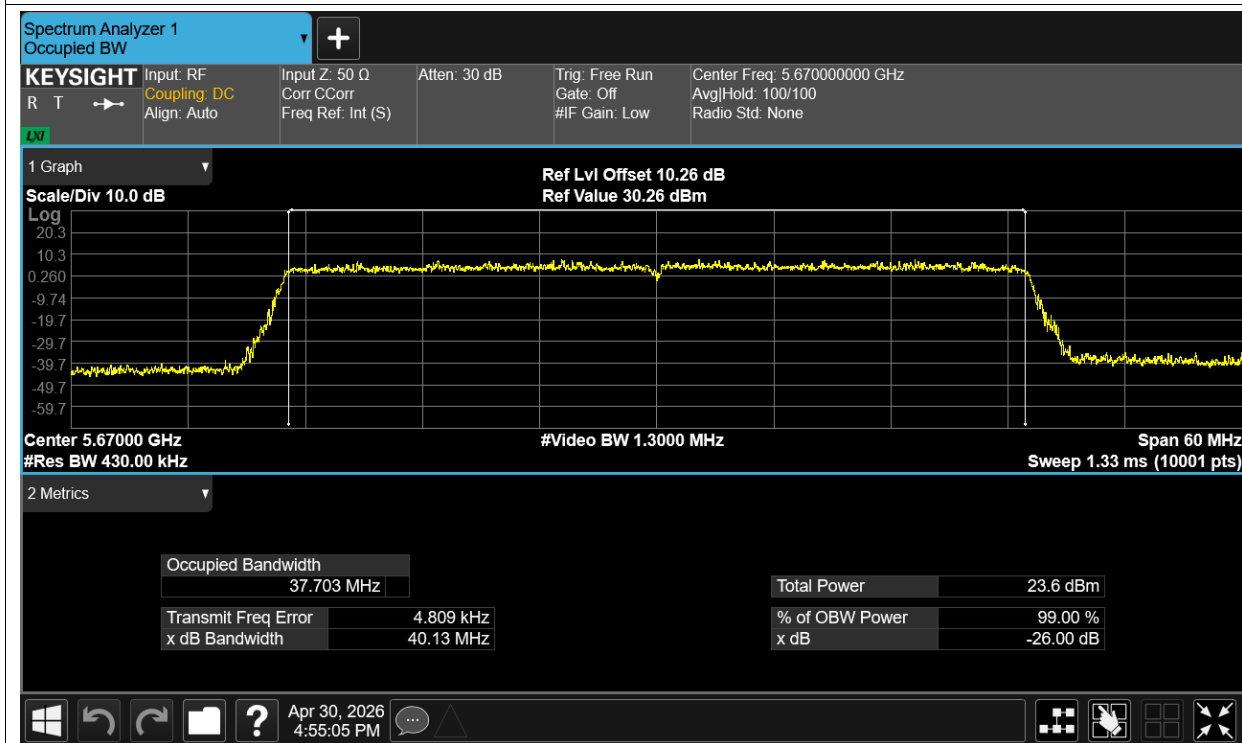
OBW NVNT ax40 5590MHz Ant2



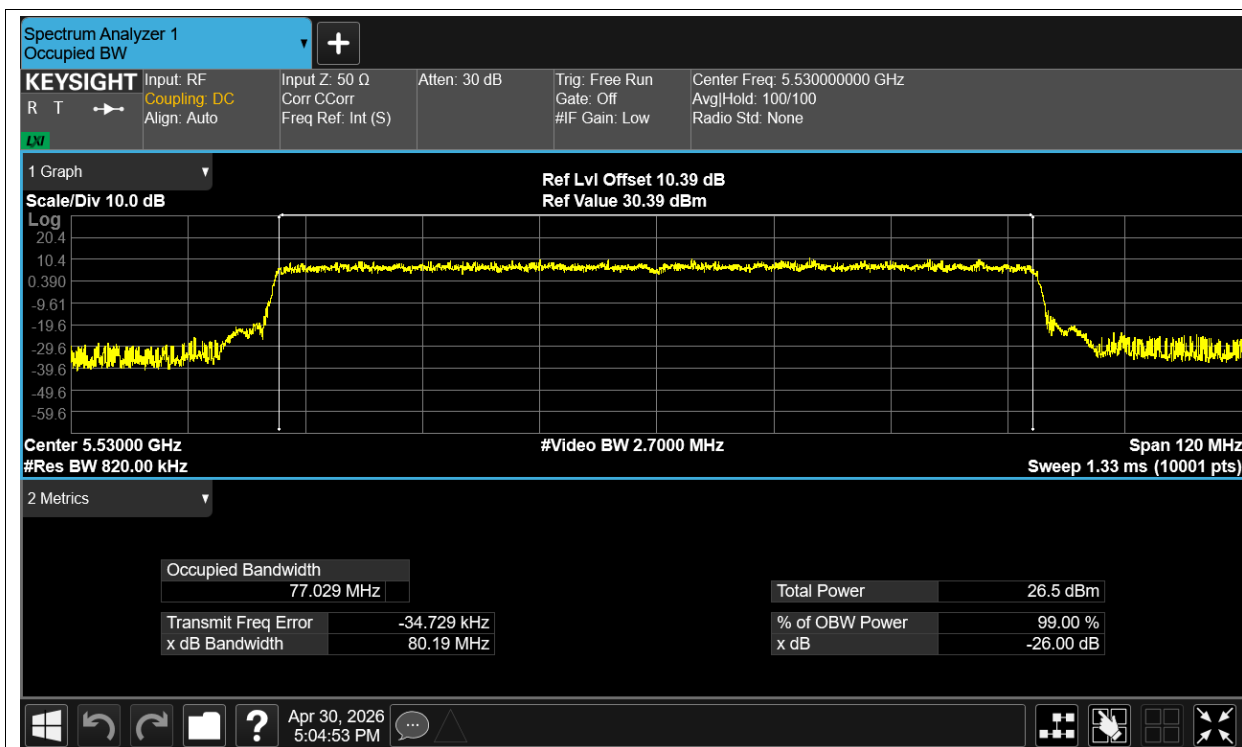
OBW NVNT ax40 5670MHz Ant1



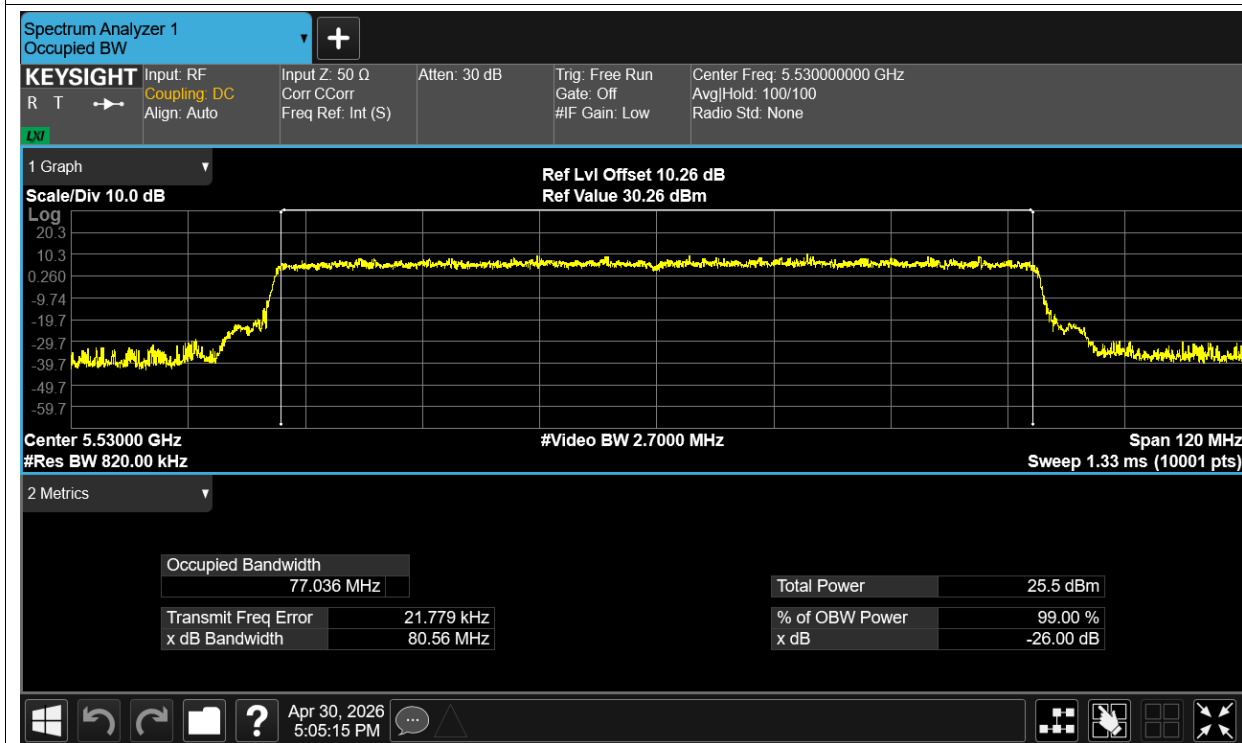
OBW NVNT ax40 5670MHz Ant2



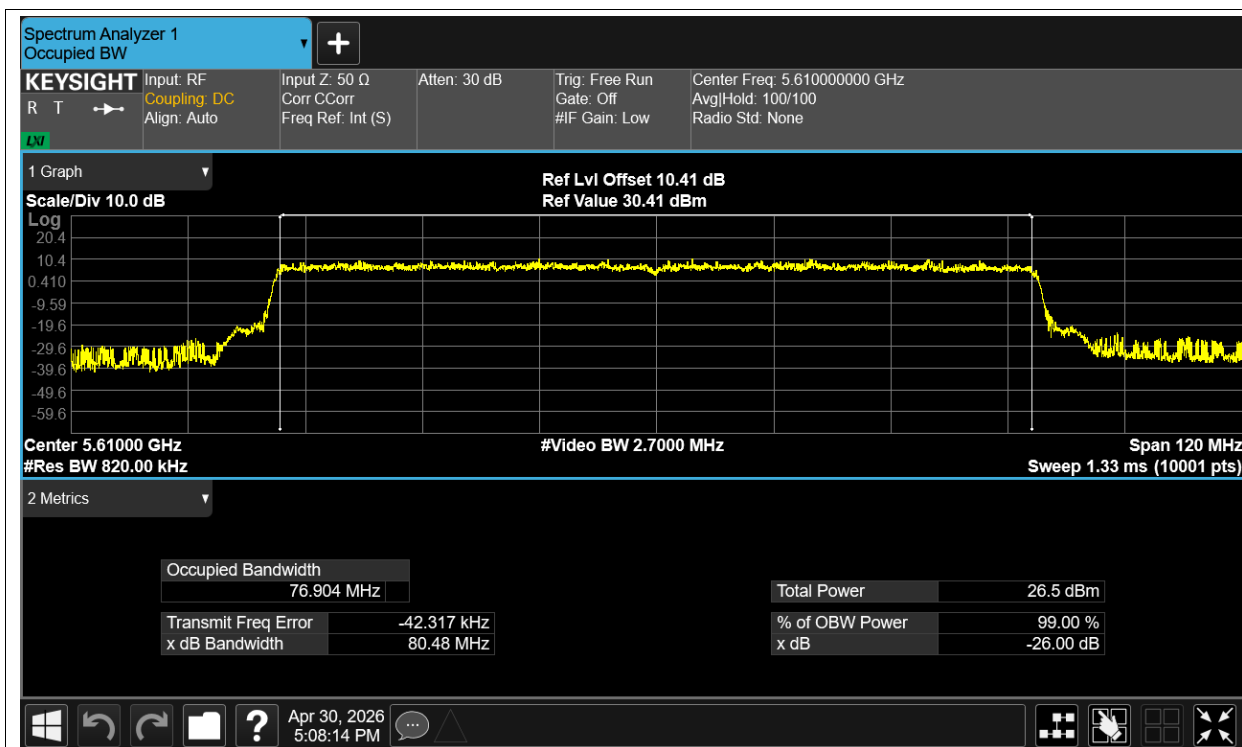
OBW NVNT ax80 5530MHz Ant1



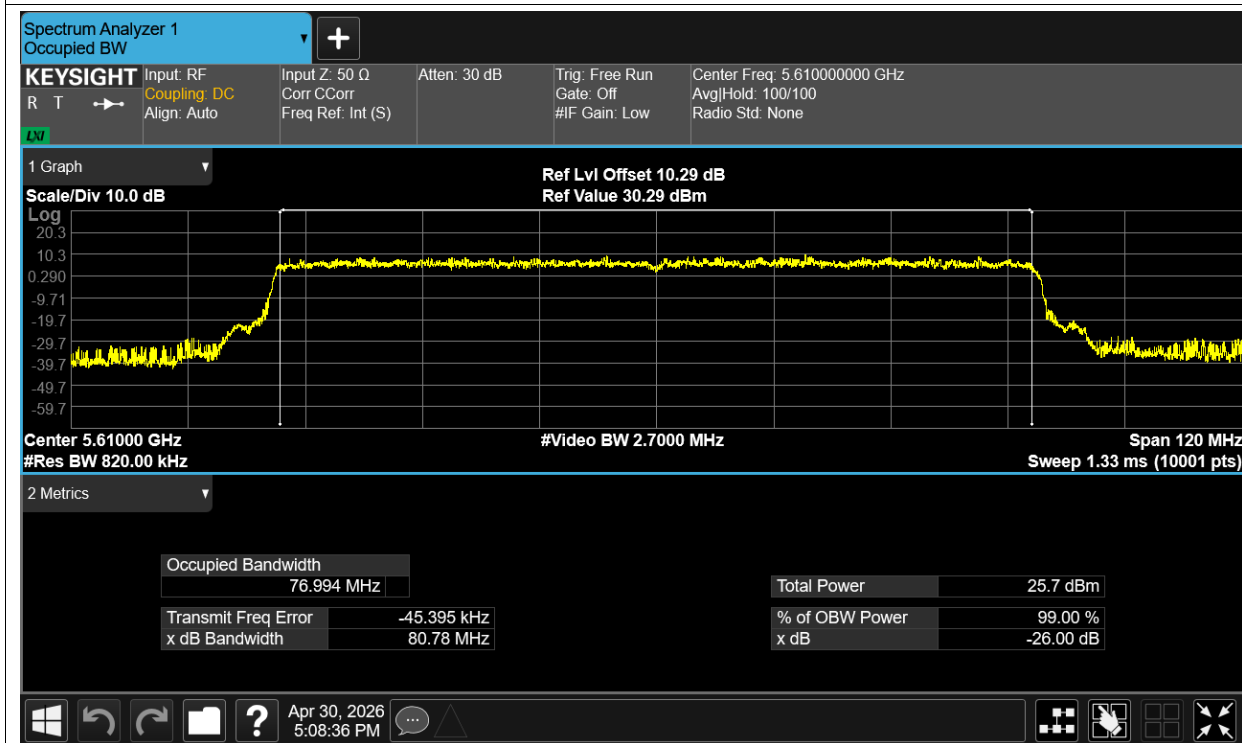
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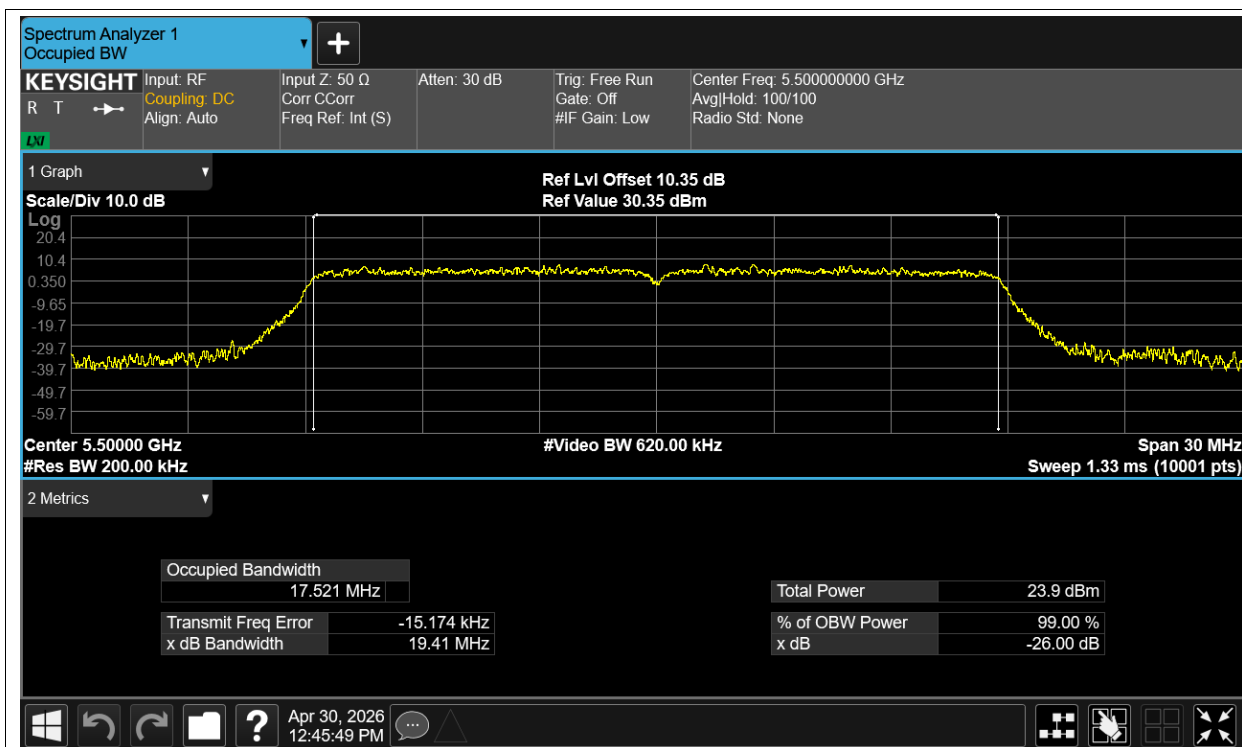
OBW NVNT ax80 5610MHz Ant1



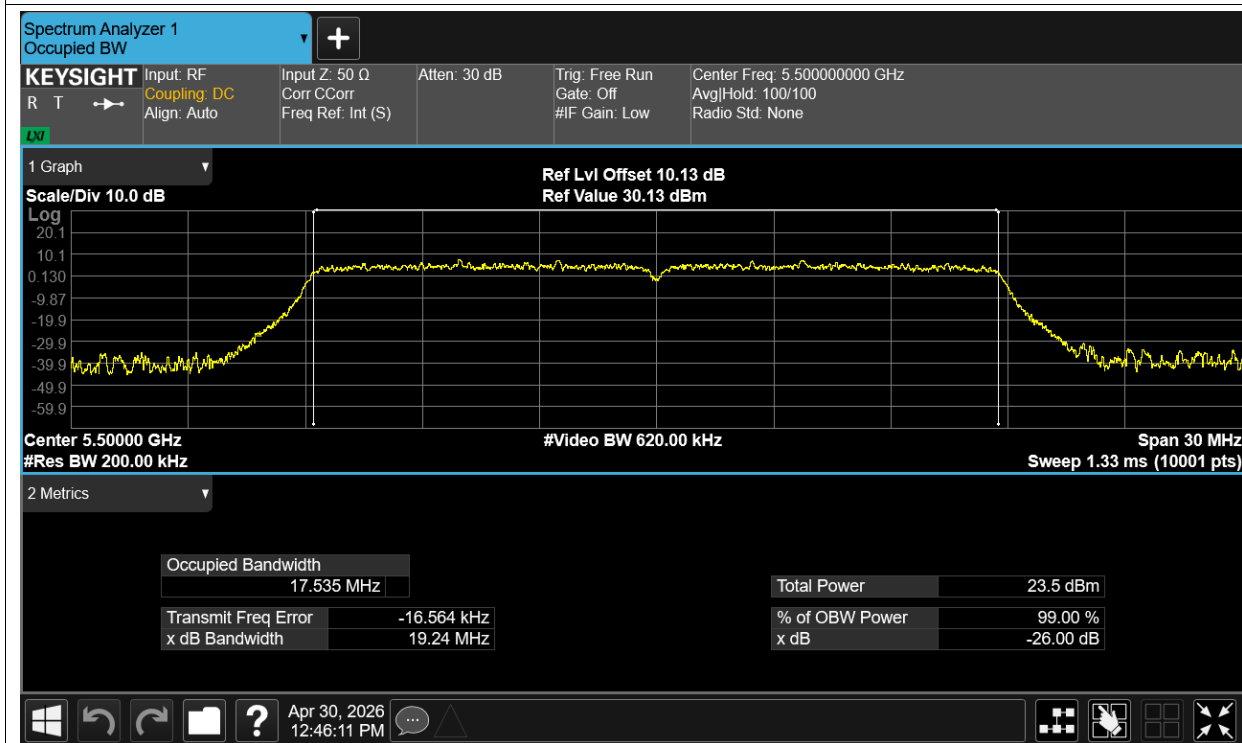
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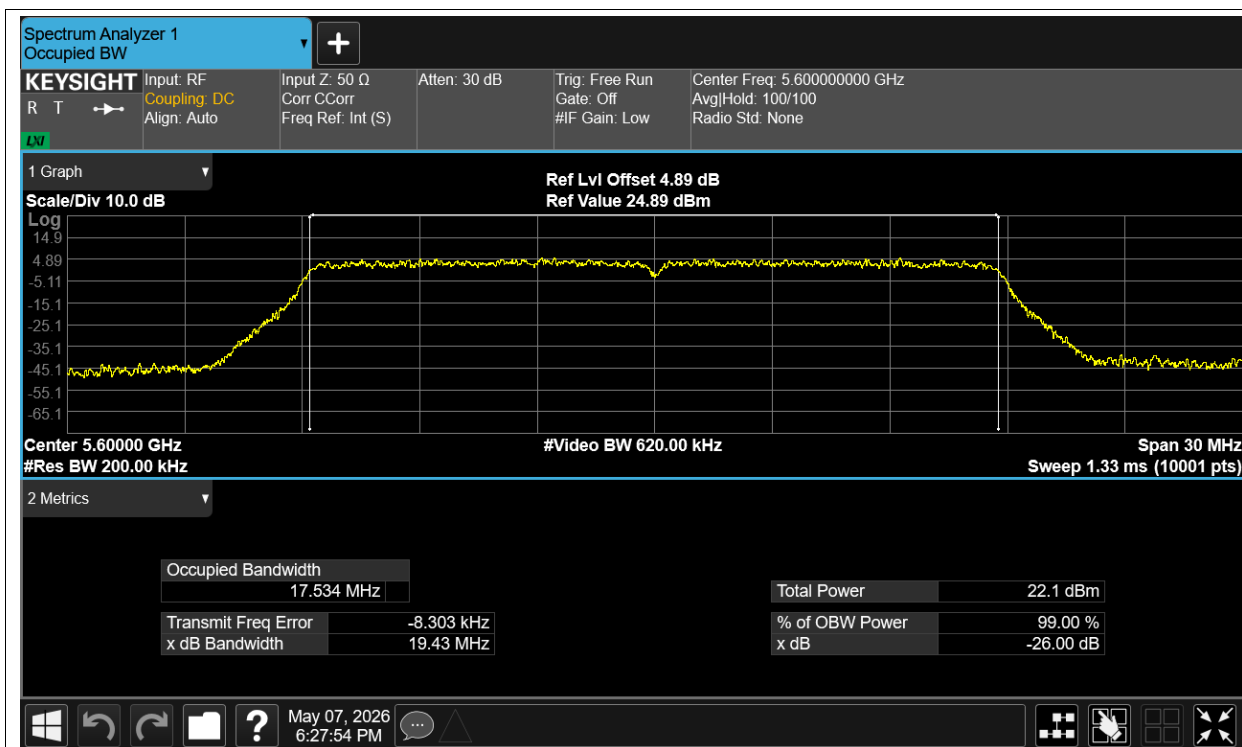
OBW NVNT n20 5500MHz Ant1



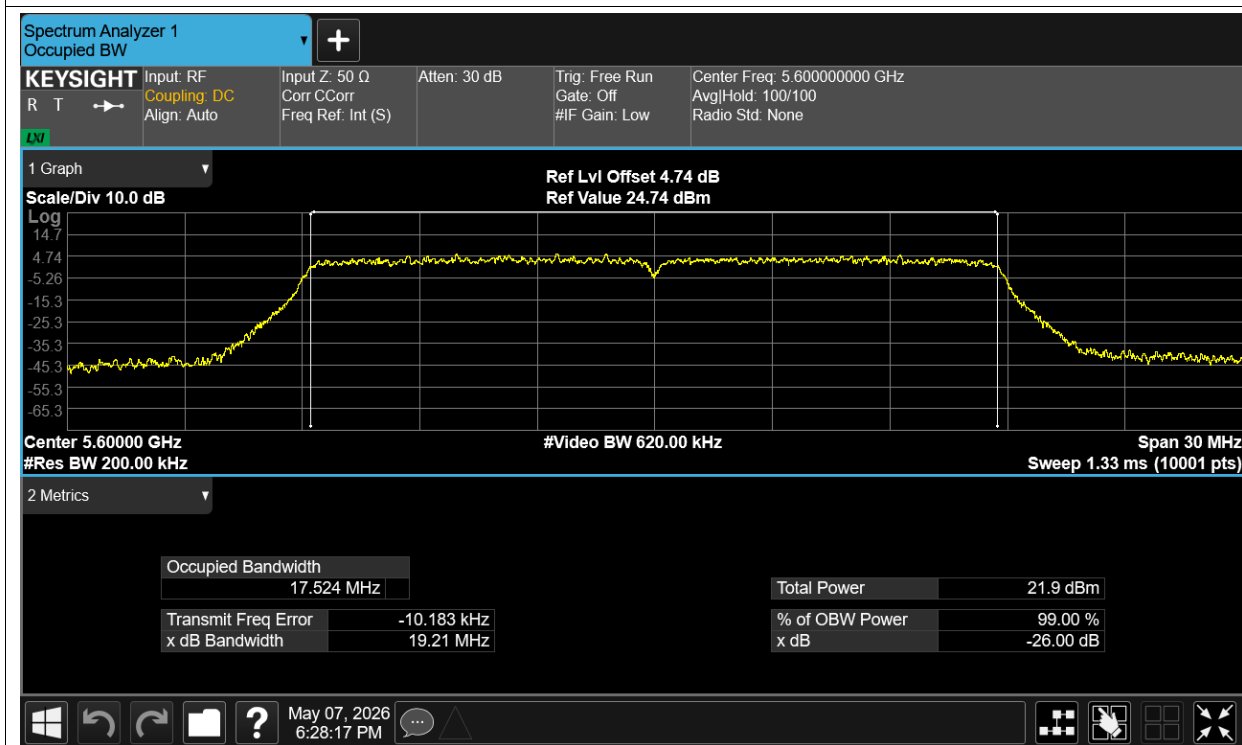
OBW NVNT n20 5500MHz Ant2



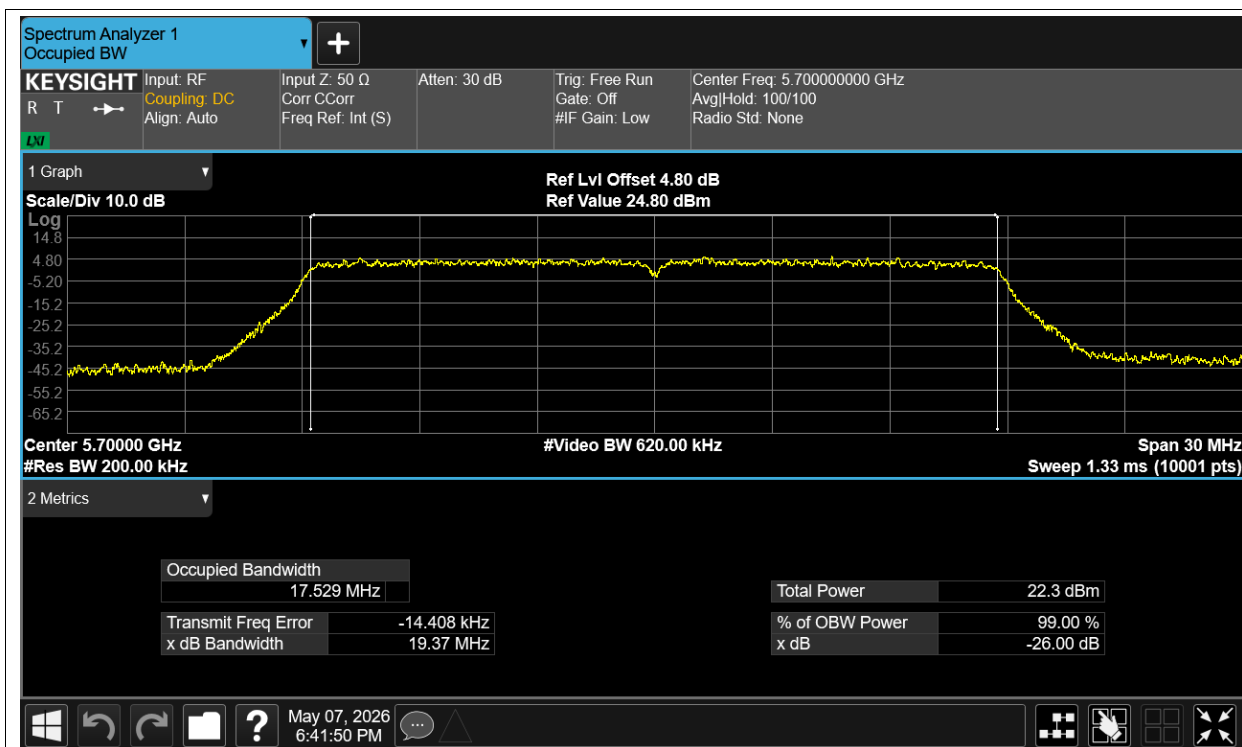
OBW NVNT n20 5600MHz Ant1



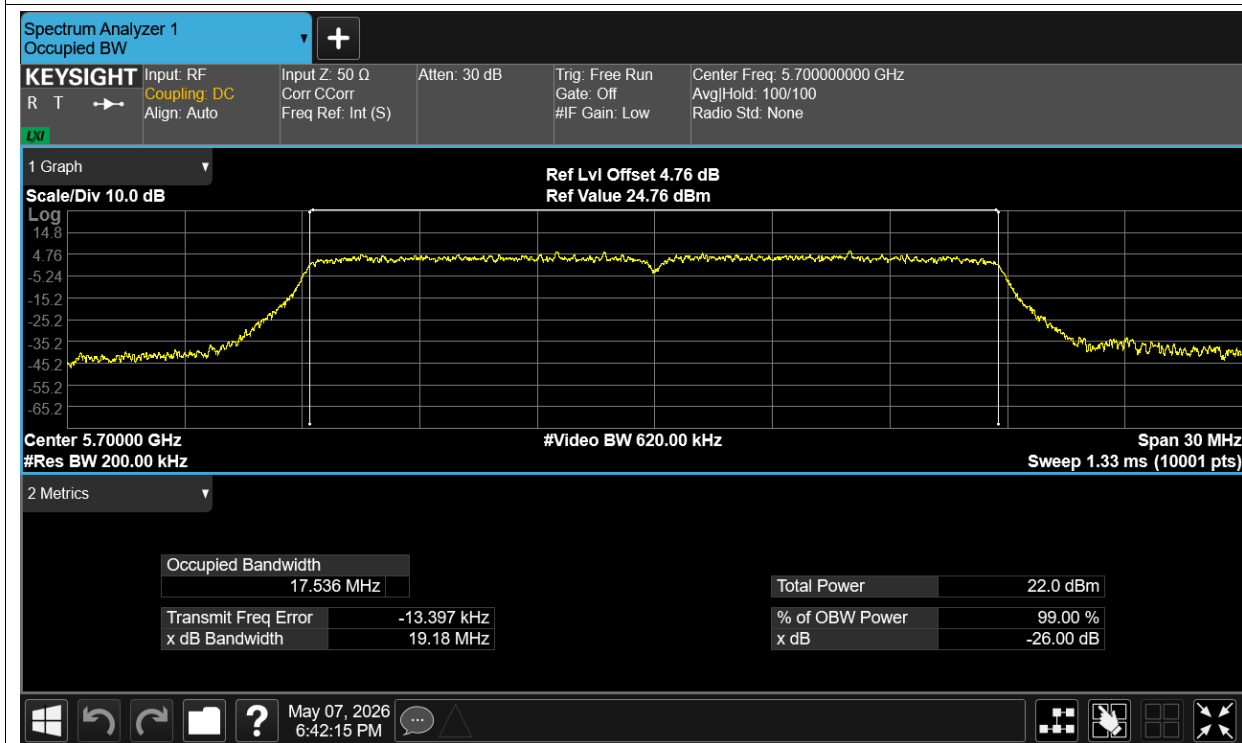
OBW NVNT n20 5600MHz Ant2



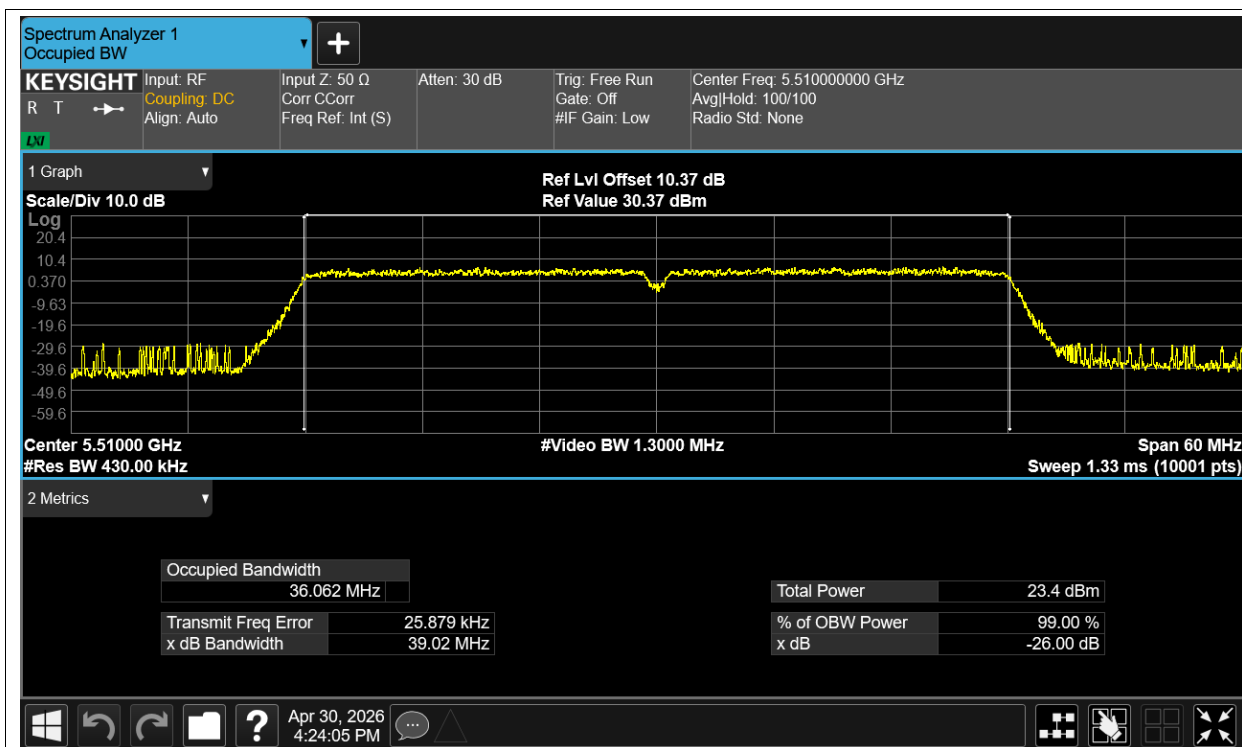
OBW NVNT n20 5700MHz Ant1



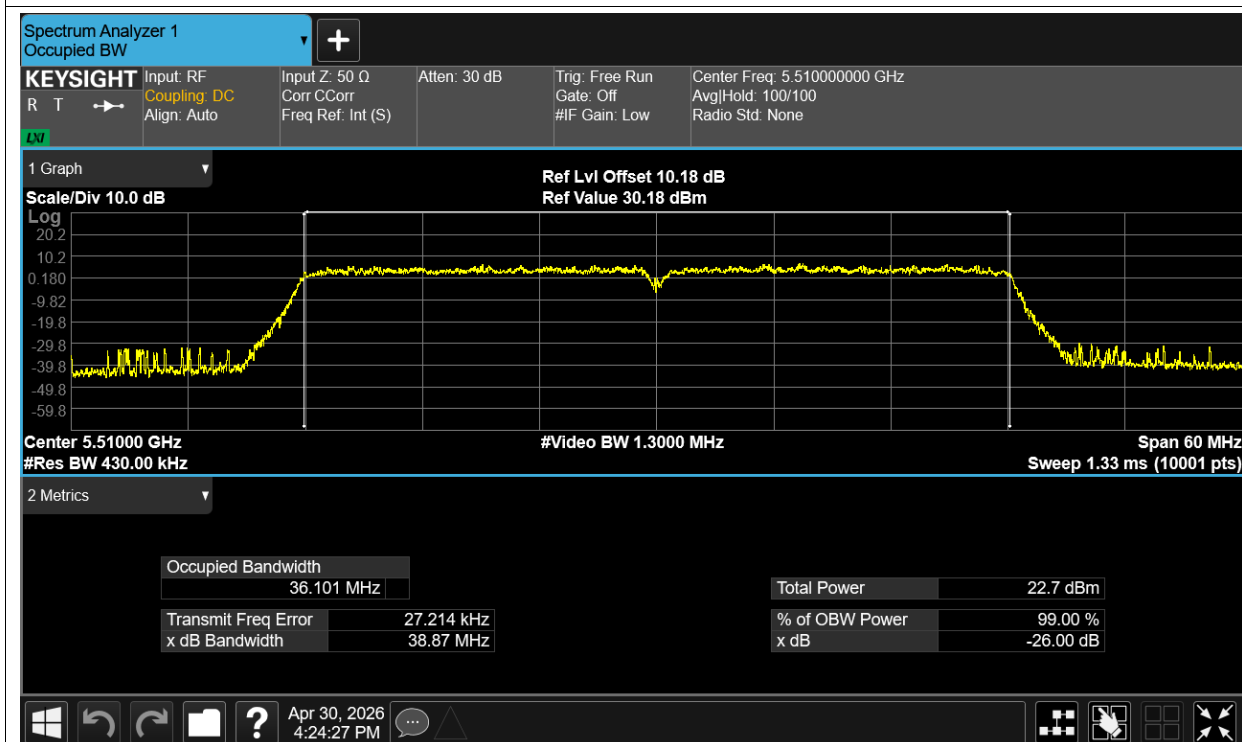
OBW NVNT n20 5700MHz Ant2



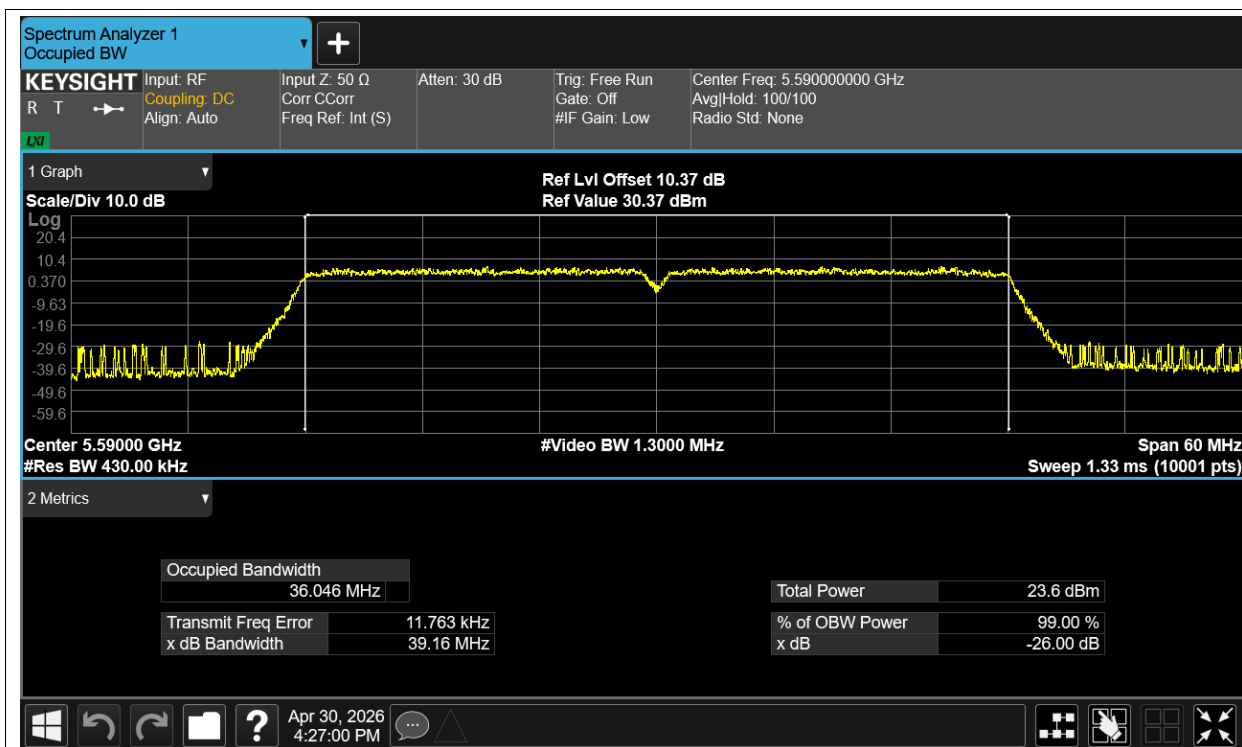
OBW NVNT n40 5510MHz Ant1



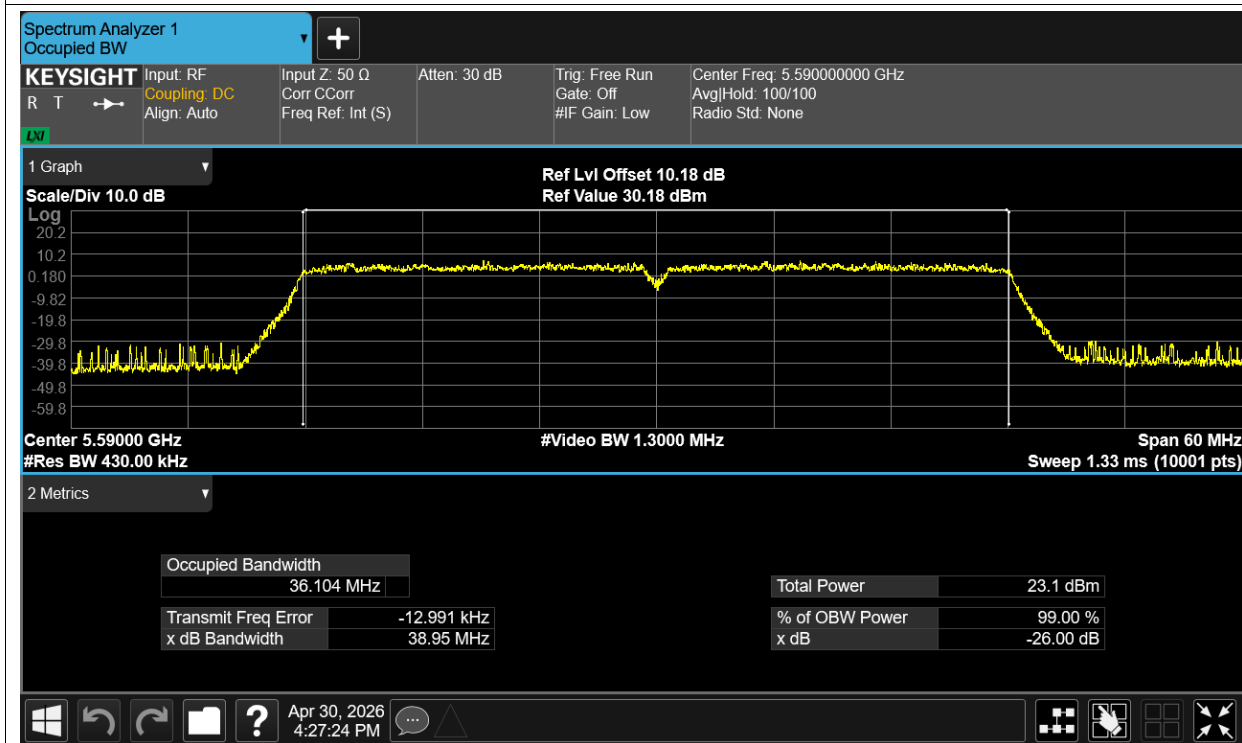
OBW NVNT n40 5510MHz Ant2



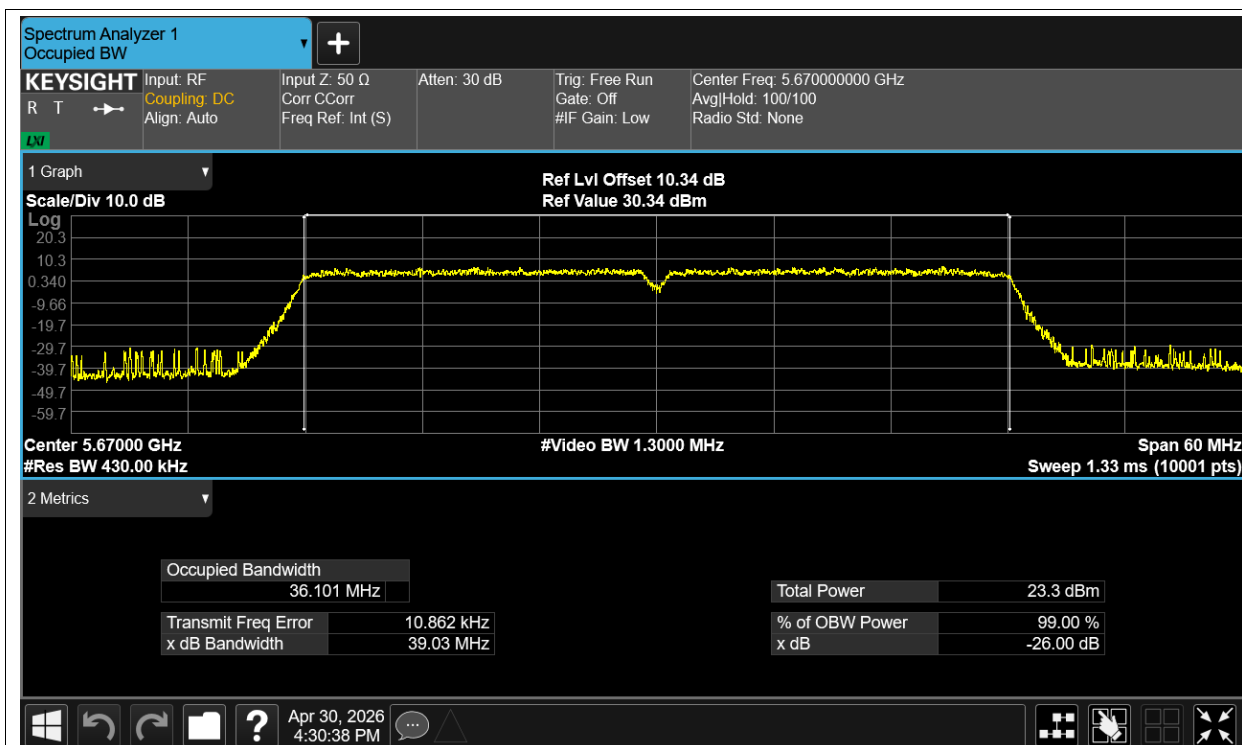
OBW NVNT n40 5590MHz Ant1



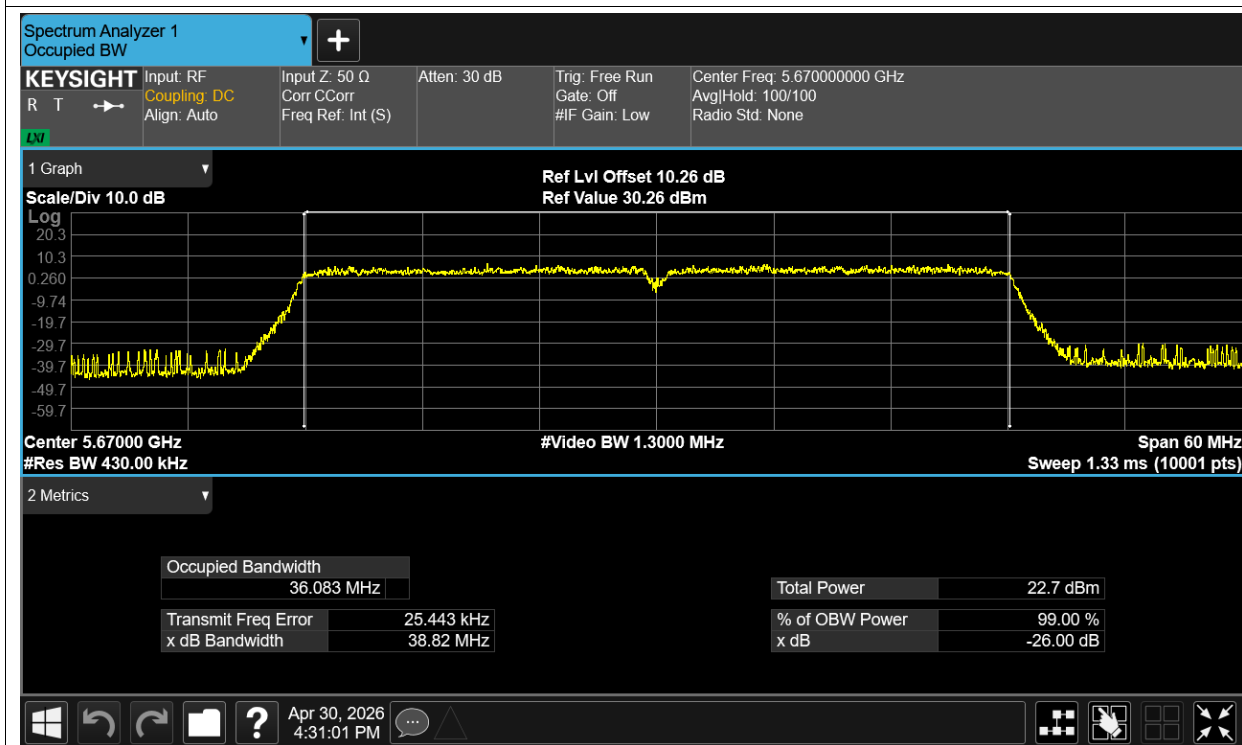
OBW NVNT n40 5590MHz Ant2



OBW NVNT n40 5670MHz Ant1



OBW NVNT n40 5670MHz Ant2



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Duty Factor (dB)	Max PSD (dBm/MHz)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant1	0.02	9.575	9.595	11	Pass
NVNT	a	5600	Ant1	0.02	9.982	10.002	11	Pass
NVNT	a	5700	Ant1	0.02	9.311	9.331	11	Pass
NVNT	a	5500	Ant2	0.02	9.036	9.056	11	Pass
NVNT	a	5600	Ant2	0.02	9.964	9.984	11	Pass
NVNT	a	5700	Ant2	0.02	9.279	9.299	11	Pass
NVNT	ac160	5570	Ant1	0.14	-0.68	-0.54	9.09	Pass
NVNT	ac160	5570	Ant2	0.14	-1.673	-1.533	9.09	Pass
NVNT	ac160	5570	Sum	0.14	1.862	2.002	9.09	Pass
NVNT	ac20	5500	Ant1	0.02	5.542	5.562	9.09	Pass
NVNT	ac20	5500	Ant2	0.02	6.048	6.068	9.09	Pass
NVNT	ac20	5500	Sum	0.02	8.813	8.833	9.09	Pass
NVNT	ac20	5600	Ant1	0.02	5.874	5.894	9.09	Pass
NVNT	ac20	5600	Ant2	0.02	6.071	6.091	9.09	Pass
NVNT	ac20	5600	Sum	0.02	8.984	9.004	9.09	Pass
NVNT	ac20	5700	Ant1	0.02	6.082	6.102	9.09	Pass
NVNT	ac20	5700	Ant2	0.02	5.999	6.019	9.09	Pass
NVNT	ac20	5700	Sum	0.02	9.051	9.071	9.09	Pass
NVNT	ac40	5510	Ant1	0.04	3.789	3.829	9.09	Pass
NVNT	ac40	5510	Ant2	0.04	3.185	3.225	9.09	Pass
NVNT	ac40	5510	Sum	0.04	6.508	6.548	9.09	Pass
NVNT	ac40	5590	Ant1	0.04	4.093	4.133	9.09	Pass
NVNT	ac40	5590	Ant2	0.04	3.58	3.62	9.09	Pass
NVNT	ac40	5590	Sum	0.04	6.854	6.894	9.09	Pass
NVNT	ac40	5670	Ant1	0.04	4.193	4.233	9.09	Pass
NVNT	ac40	5670	Ant2	0.04	3.139	3.179	9.09	Pass
NVNT	ac40	5670	Sum	0.04	6.708	6.748	9.09	Pass
NVNT	ac80	5530	Ant1	0.08	2.342	2.422	9.09	Pass
NVNT	ac80	5530	Ant2	0.08	1.282	1.362	9.09	Pass
NVNT	ac80	5530	Sum	0.08	4.855	4.935	9.09	Pass
NVNT	ac80	5610	Ant1	0.08	2.308	2.388	9.09	Pass
NVNT	ac80	5610	Ant2	0.08	1.619	1.699	9.09	Pass
NVNT	ac80	5610	Sum	0.08	4.987	5.067	9.09	Pass
NVNT	ax160	5570	Ant1	0.12	-0.997	-0.877	9.09	Pass
NVNT	ax160	5570	Ant2	0.12	-1.621	-1.501	9.09	Pass
NVNT	ax160	5570	Sum	0.12	1.712	1.832	9.09	Pass
NVNT	ax20	5500	Ant1	0.02	5.565	5.585	9.09	Pass
NVNT	ax20	5500	Ant2	0.02	5.881	5.901	9.09	Pass
NVNT	ax20	5500	Sum	0.02	8.736	8.756	9.09	Pass

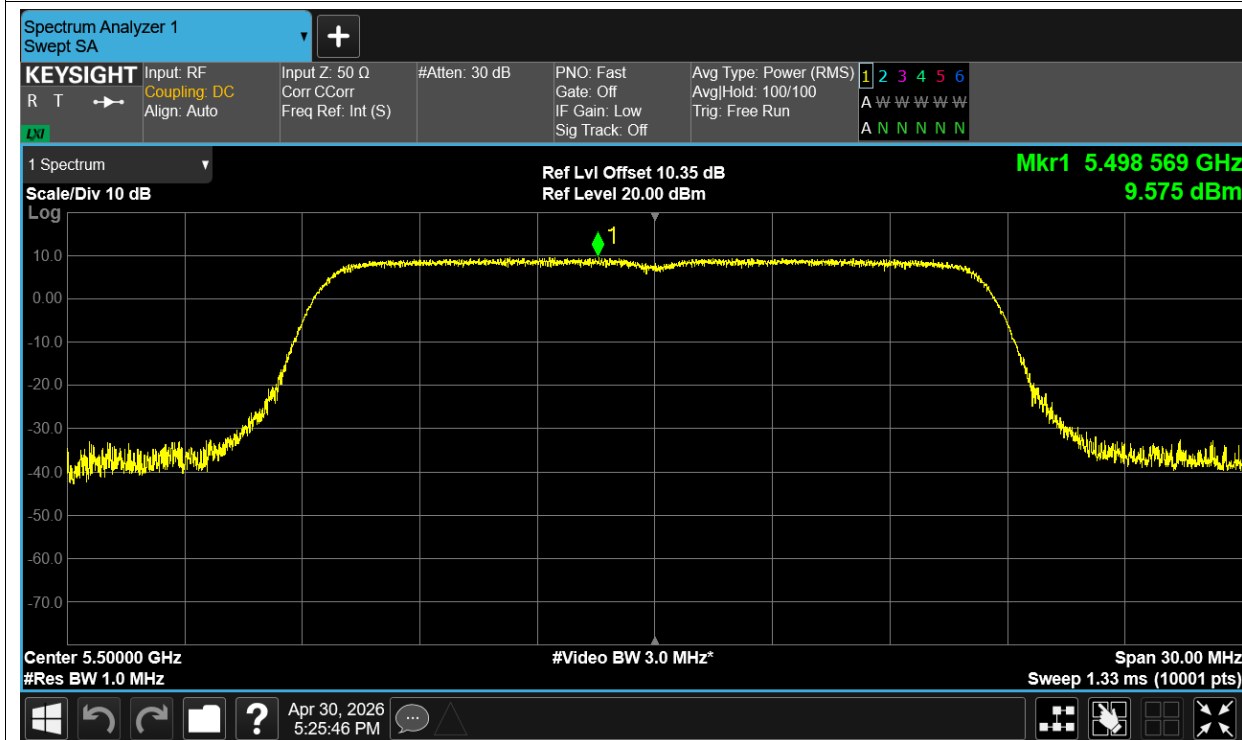
NVNT	ax20	5600	Ant1	0.02	5.641	5.661	9.09	Pass
NVNT	ax20	5600	Ant2	0.02	5.635	5.655	9.09	Pass
NVNT	ax20	5600	Sum	0.02	8.648	8.668	9.09	Pass
NVNT	ax20	5700	Ant1	0.02	5.698	5.718	9.09	Pass
NVNT	ax20	5700	Ant2	0.02	5.701	5.721	9.09	Pass
NVNT	ax20	5700	Sum	0.02	8.71	8.73	9.09	Pass
NVNT	ax40	5510	Ant1	0.04	3.966	4.006	9.09	Pass
NVNT	ax40	5510	Ant2	0.04	2.986	3.026	9.09	Pass
NVNT	ax40	5510	Sum	0.04	6.514	6.554	9.09	Pass
NVNT	ax40	5590	Ant1	0.04	4.098	4.138	9.09	Pass
NVNT	ax40	5590	Ant2	0.04	3.713	3.753	9.09	Pass
NVNT	ax40	5590	Sum	0.04	6.92	6.96	9.09	Pass
NVNT	ax40	5670	Ant1	0.04	4.132	4.172	9.09	Pass
NVNT	ax40	5670	Ant2	0.04	3.111	3.151	9.09	Pass
NVNT	ax40	5670	Sum	0.04	6.662	6.702	9.09	Pass
NVNT	ax80	5530	Ant1	0.07	2.54	2.61	9.09	Pass
NVNT	ax80	5530	Ant2	0.07	1.735	1.805	9.09	Pass
NVNT	ax80	5530	Sum	0.07	5.166	5.236	9.09	Pass
NVNT	ax80	5610	Ant1	0.07	2.525	2.595	9.09	Pass
NVNT	ax80	5610	Ant2	0.07	1.664	1.734	9.09	Pass
NVNT	ax80	5610	Sum	0.07	5.126	5.196	9.09	Pass
NVNT	n20	5500	Ant1	0.02	5.661	5.681	9.09	Pass
NVNT	n20	5500	Ant2	0.02	6.014	6.034	9.09	Pass
NVNT	n20	5500	Sum	0.02	8.851	8.871	9.09	Pass
NVNT	n20	5600	Ant1	0.02	5.818	5.838	9.09	Pass
NVNT	n20	5600	Ant2	0.02	5.765	5.785	9.09	Pass
NVNT	n20	5600	Sum	0.02	8.802	8.822	9.09	Pass
NVNT	n20	5700	Ant1	0.02	6.204	6.224	9.09	Pass
NVNT	n20	5700	Ant2	0.02	5.903	5.923	9.09	Pass
NVNT	n20	5700	Sum	0.02	9.066	9.086	9.09	Pass
NVNT	n40	5510	Ant1	0.04	3.739	3.779	9.09	Pass
NVNT	n40	5510	Ant2	0.04	3.139	3.179	9.09	Pass
NVNT	n40	5510	Sum	0.04	6.46	6.5	9.09	Pass
NVNT	n40	5590	Ant1	0.04	3.984	4.024	9.09	Pass
NVNT	n40	5590	Ant2	0.04	3.29	3.33	9.09	Pass
NVNT	n40	5590	Sum	0.04	6.661	6.701	9.09	Pass
NVNT	n40	5670	Ant1	0.04	3.767	3.807	9.09	Pass
NVNT	n40	5670	Ant2	0.04	3.027	3.067	9.09	Pass
NVNT	n40	5670	Sum	0.04	6.423	6.463	9.09	Pass

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

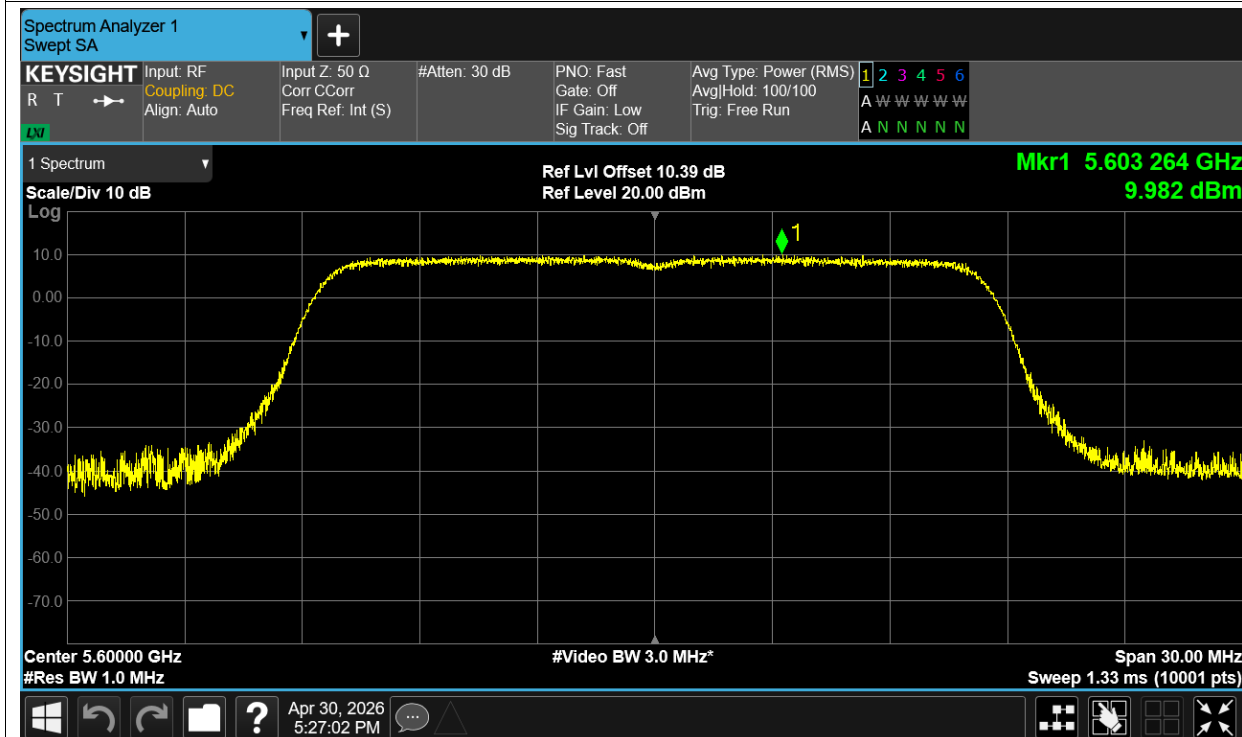
For MIMO mode: $\text{ant gain} = 4.9 + 10 \cdot \log_{10}(2) = 4.9 + 3.01 = 7.91 \text{ dBi}$, the limit is $11 - (7.91 - 6) = 9.09 \text{ dbm}$.

Test Graphs

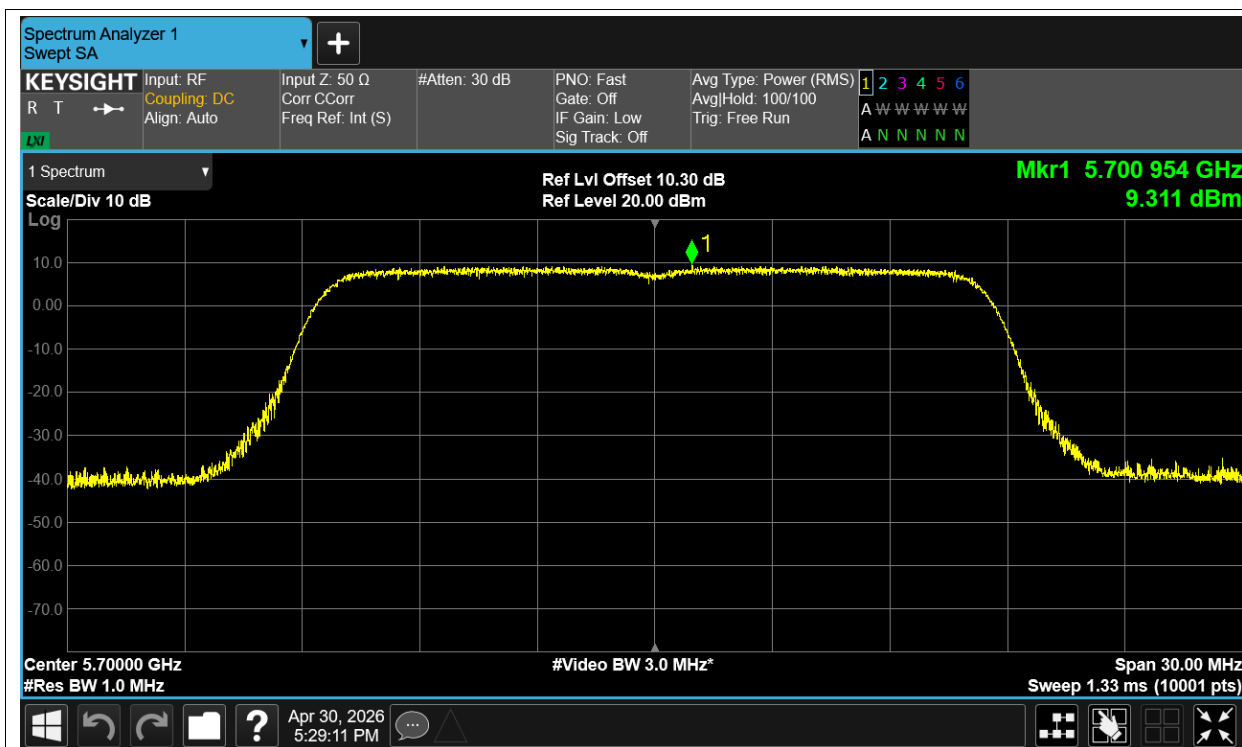
PSD NVNT a 5500MHz Ant1



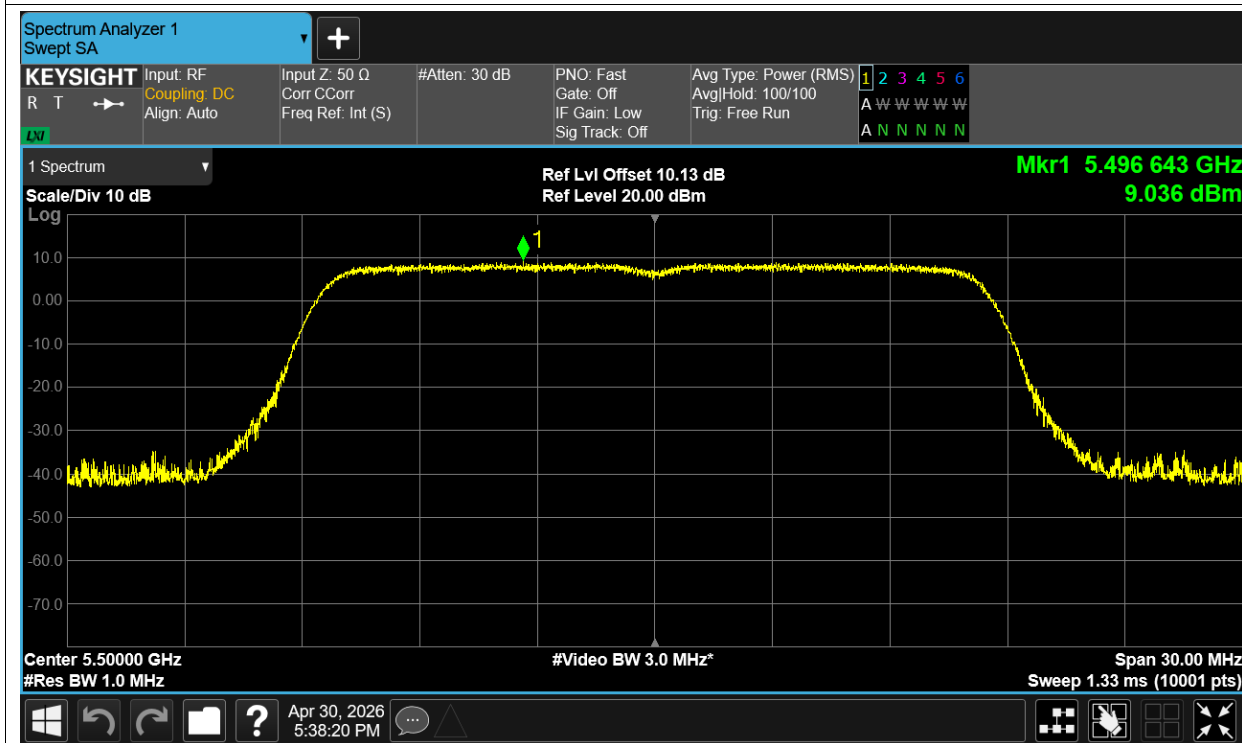
PSD NVNT a 5600MHz Ant1



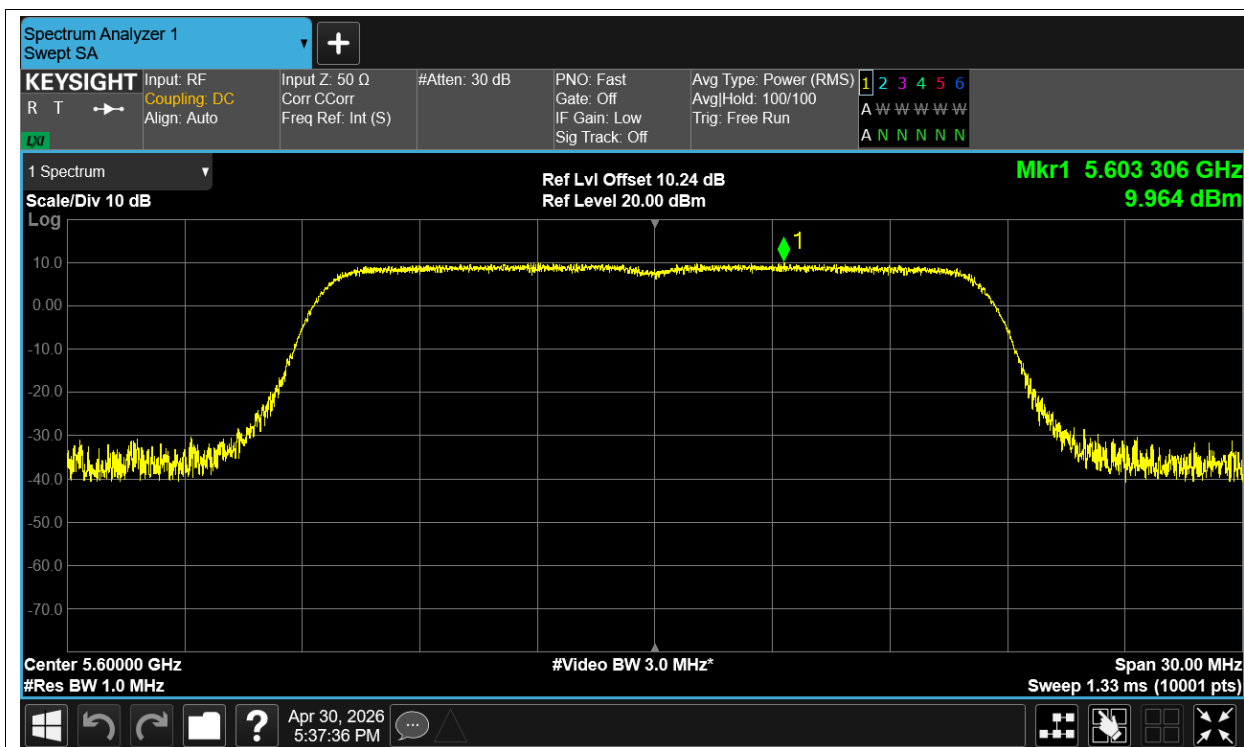
PSD NVNT a 5700MHz Ant1



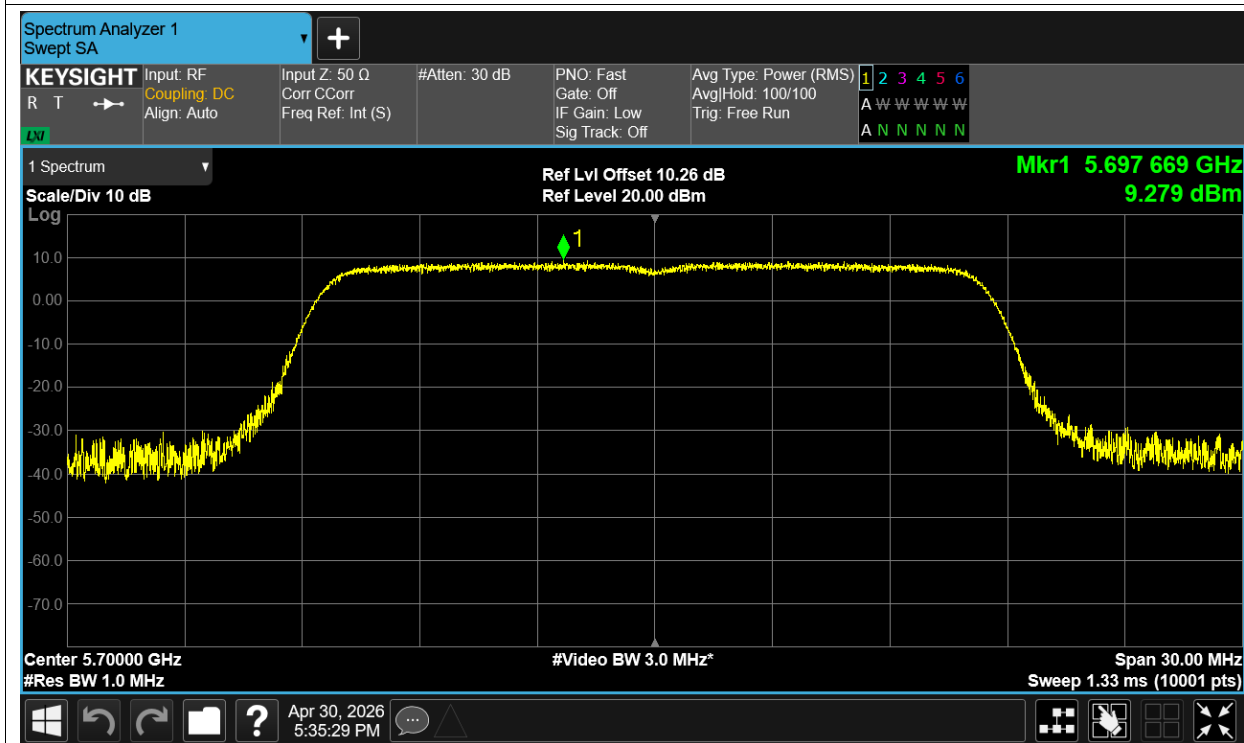
PSD NVNT a 5500MHz Ant2



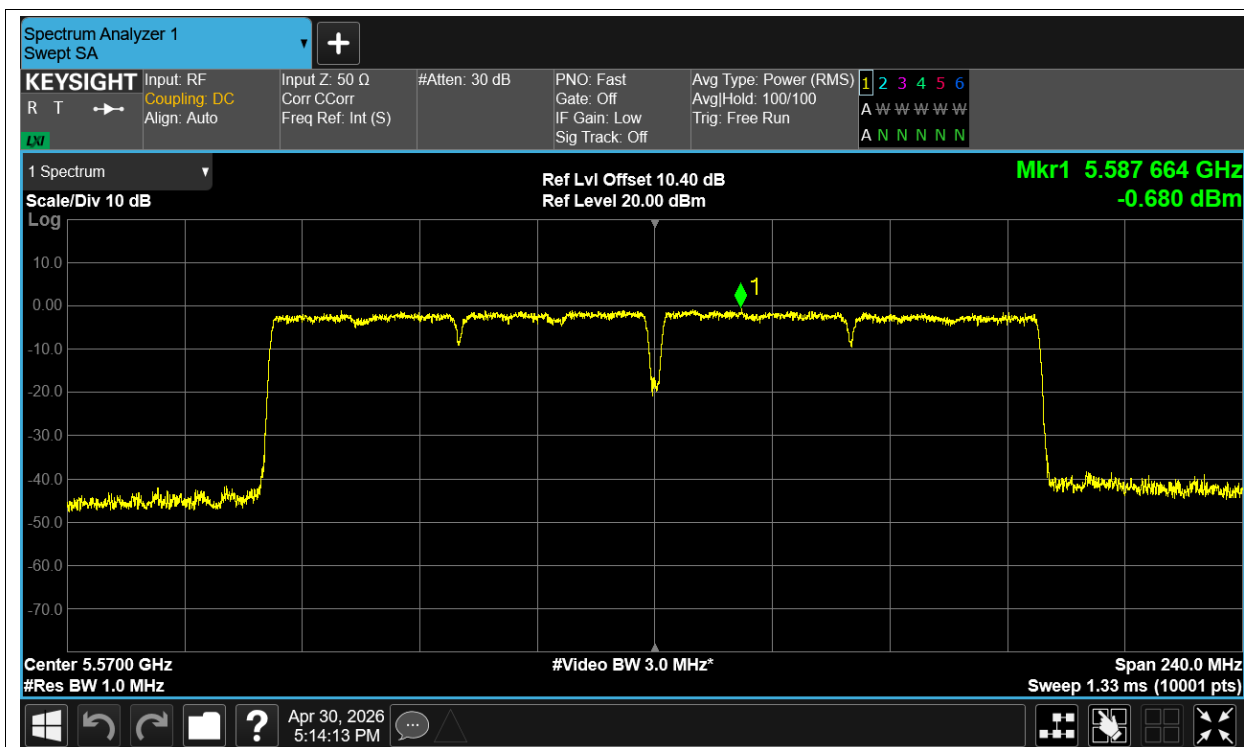
PSD NVNT a 5600MHz Ant2



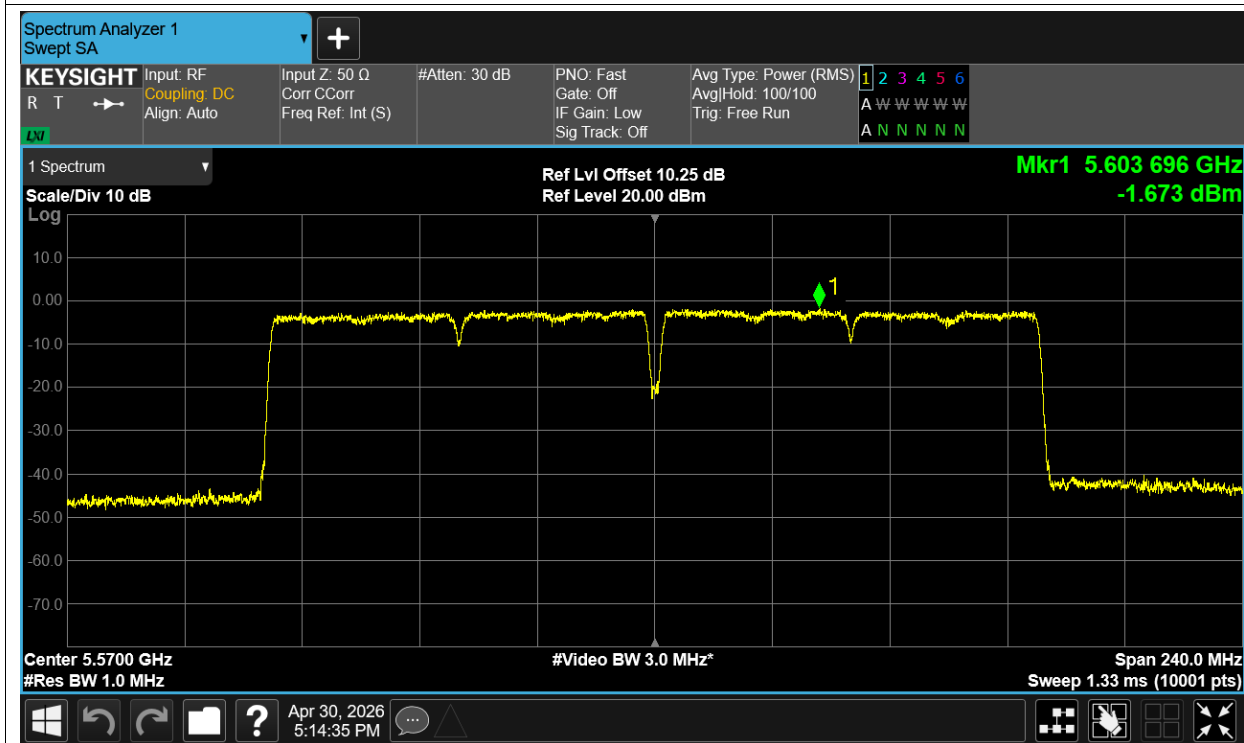
PSD NVNT a 5700MHz Ant2



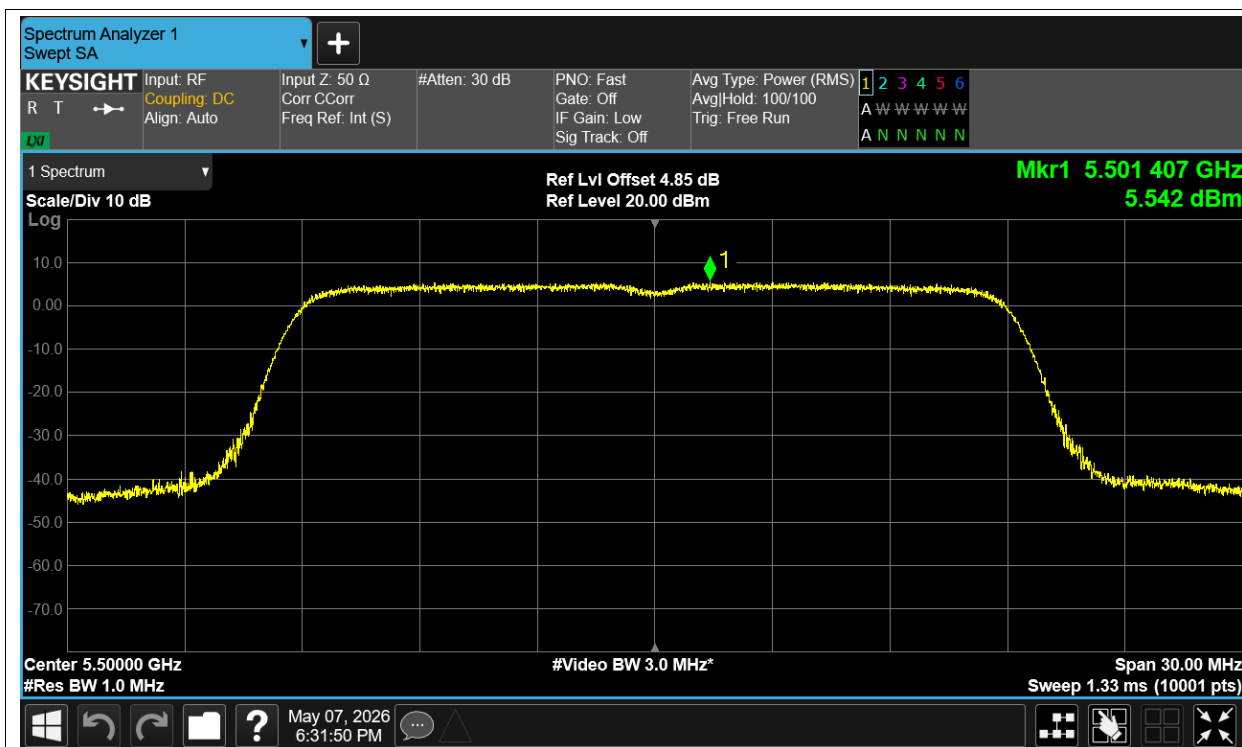
PSD NVNT ac160 5570MHz Ant1



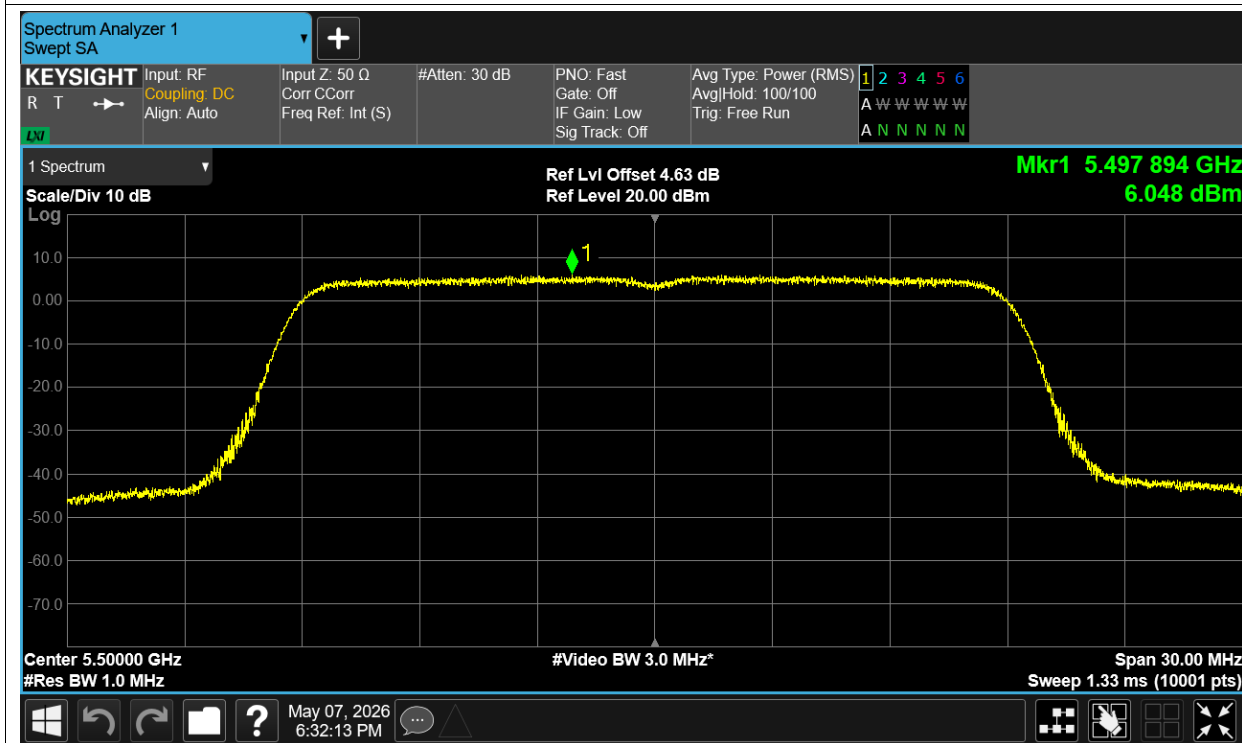
PSD NVNT ac160 5570MHz Ant2



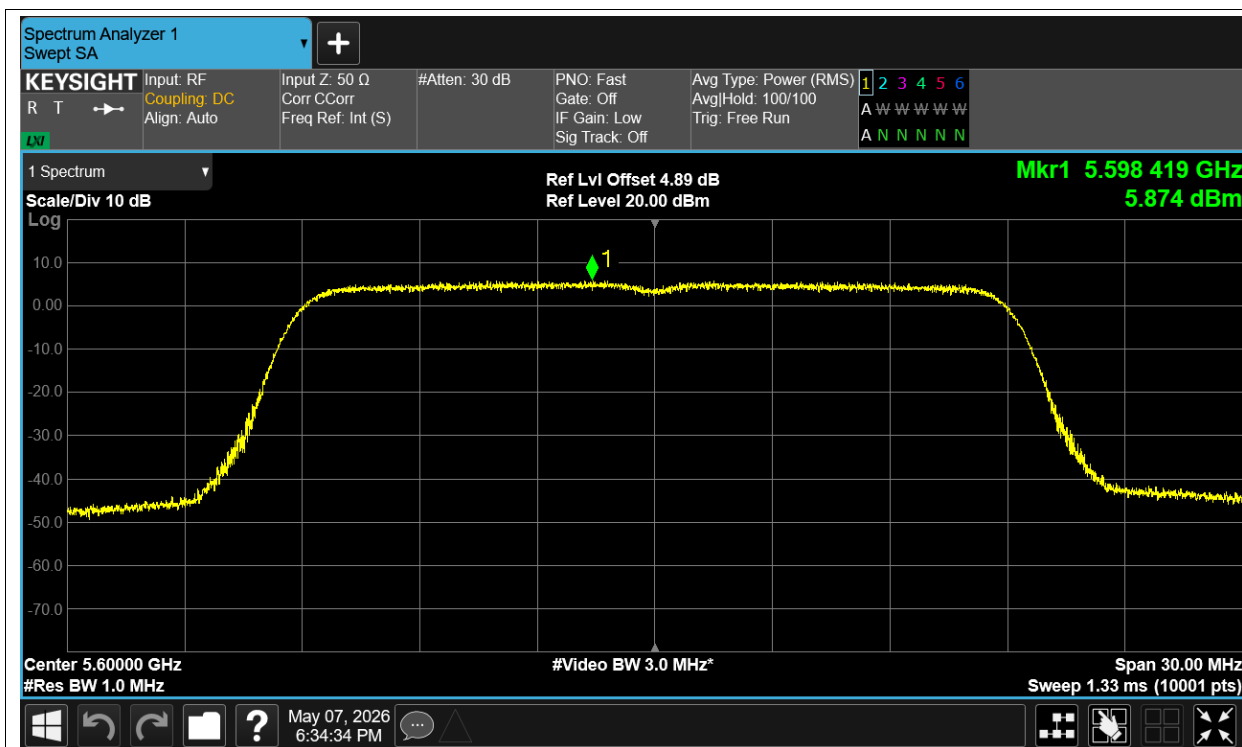
PSD NVNT ac20 5500MHz Ant1



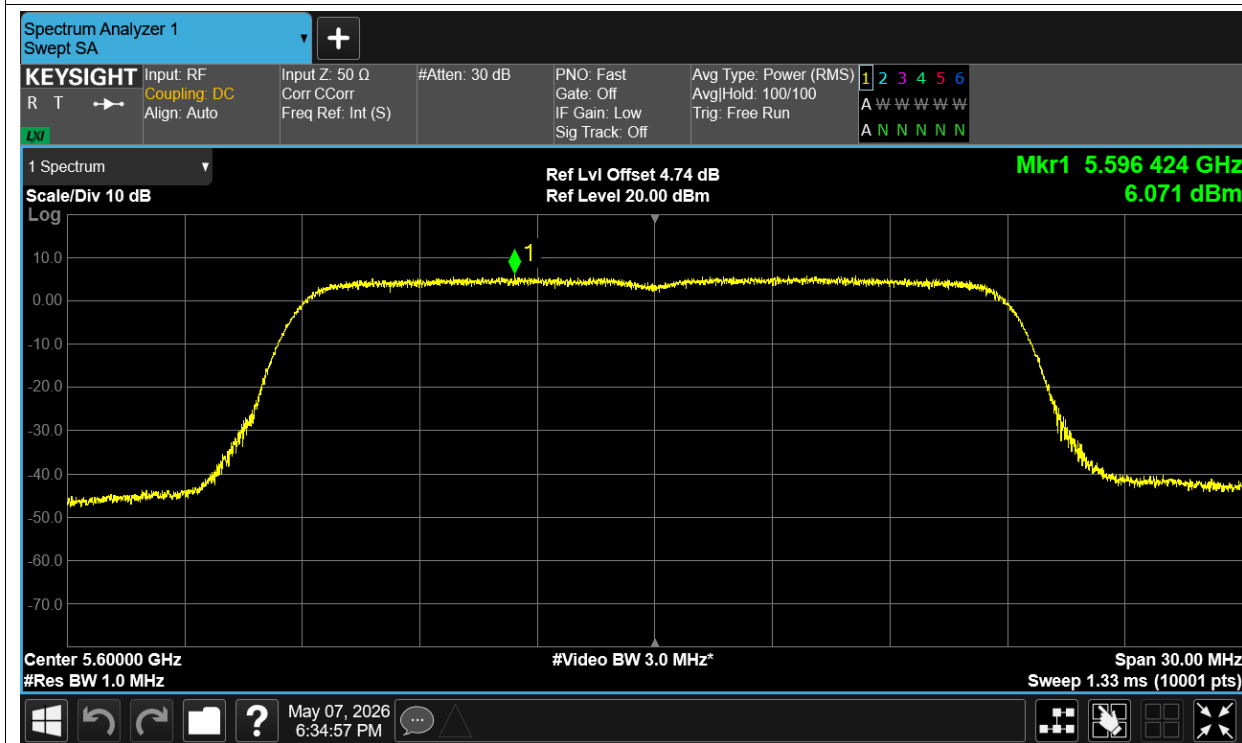
PSD NVNT ac20 5500MHz Ant2



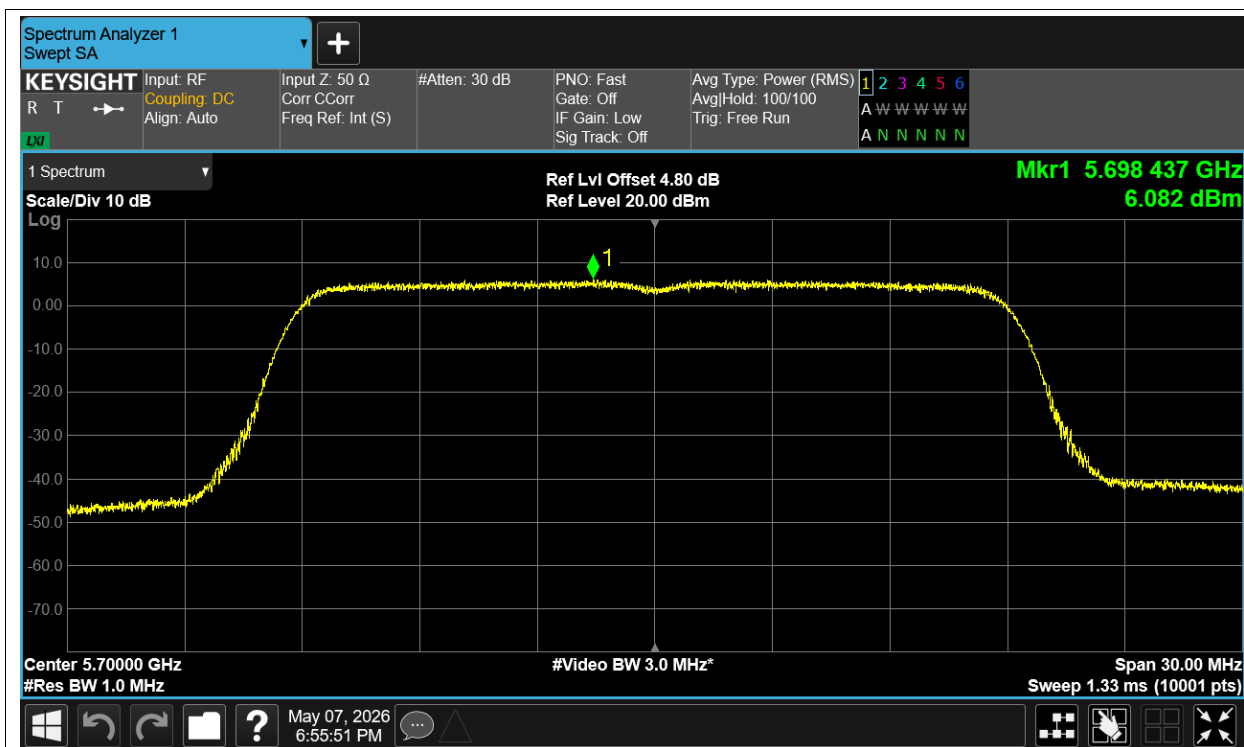
PSD NVNT ac20 5600MHz Ant1



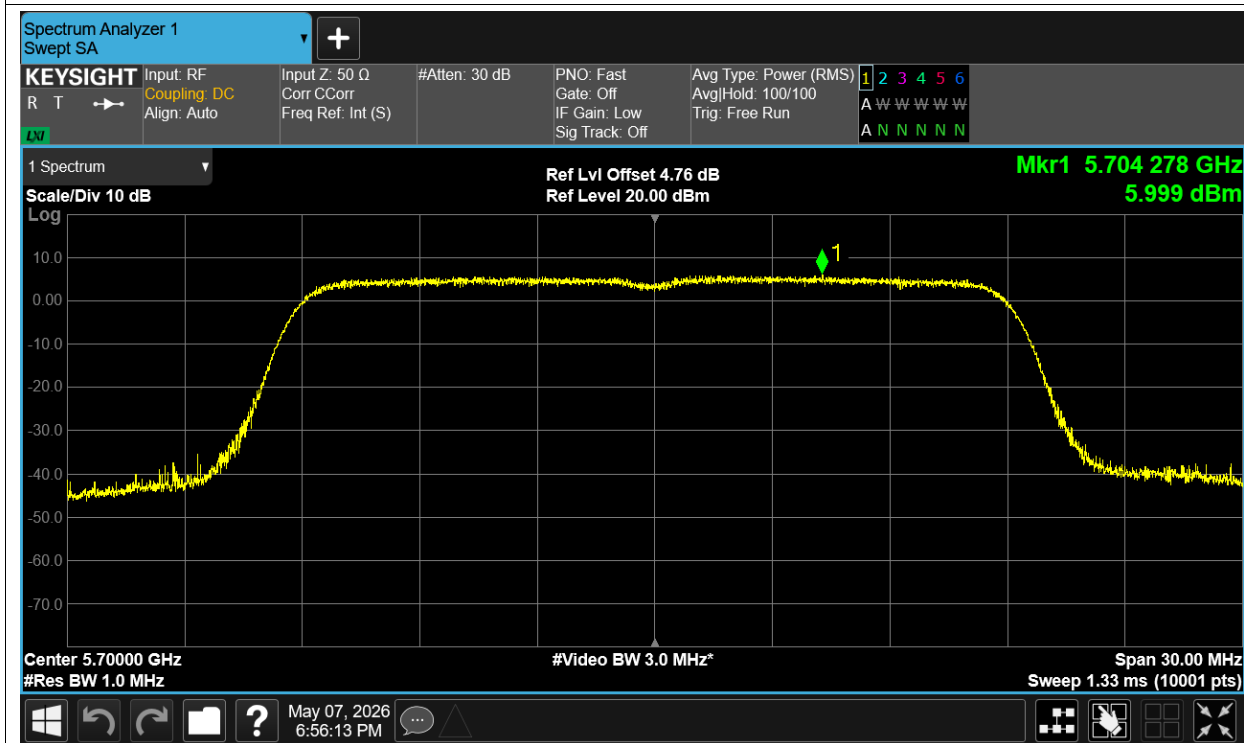
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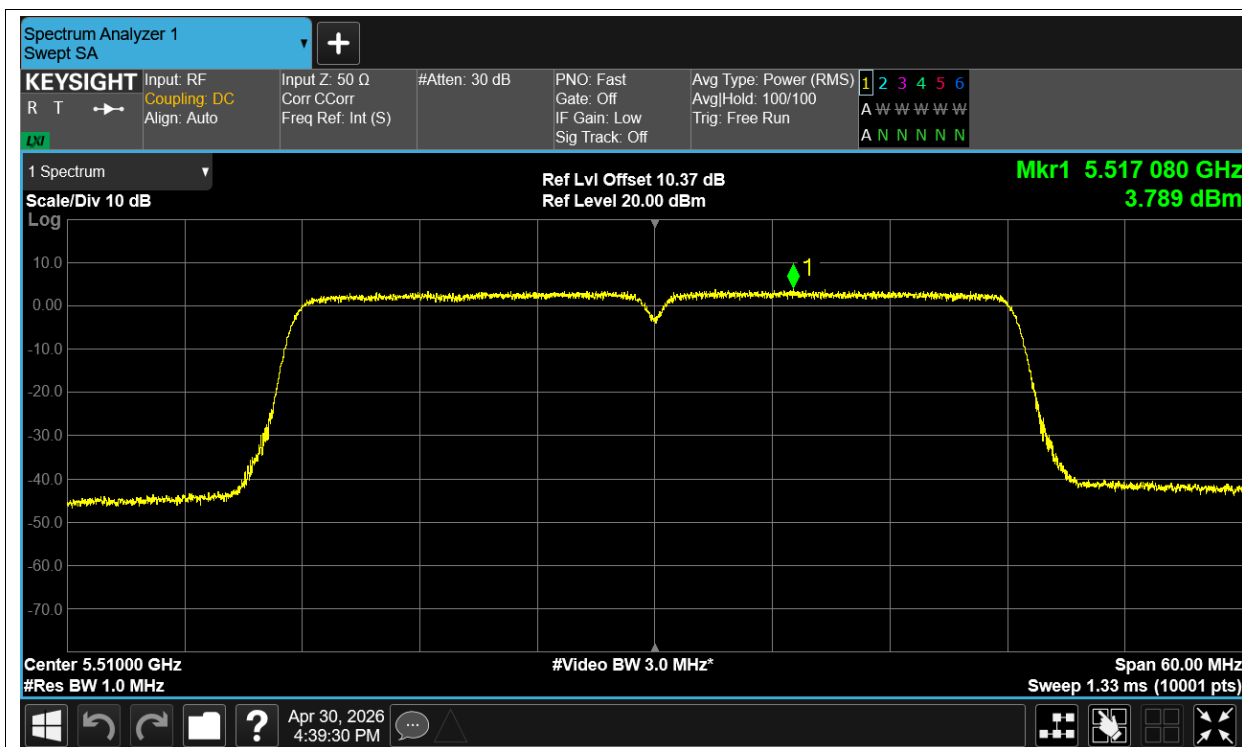
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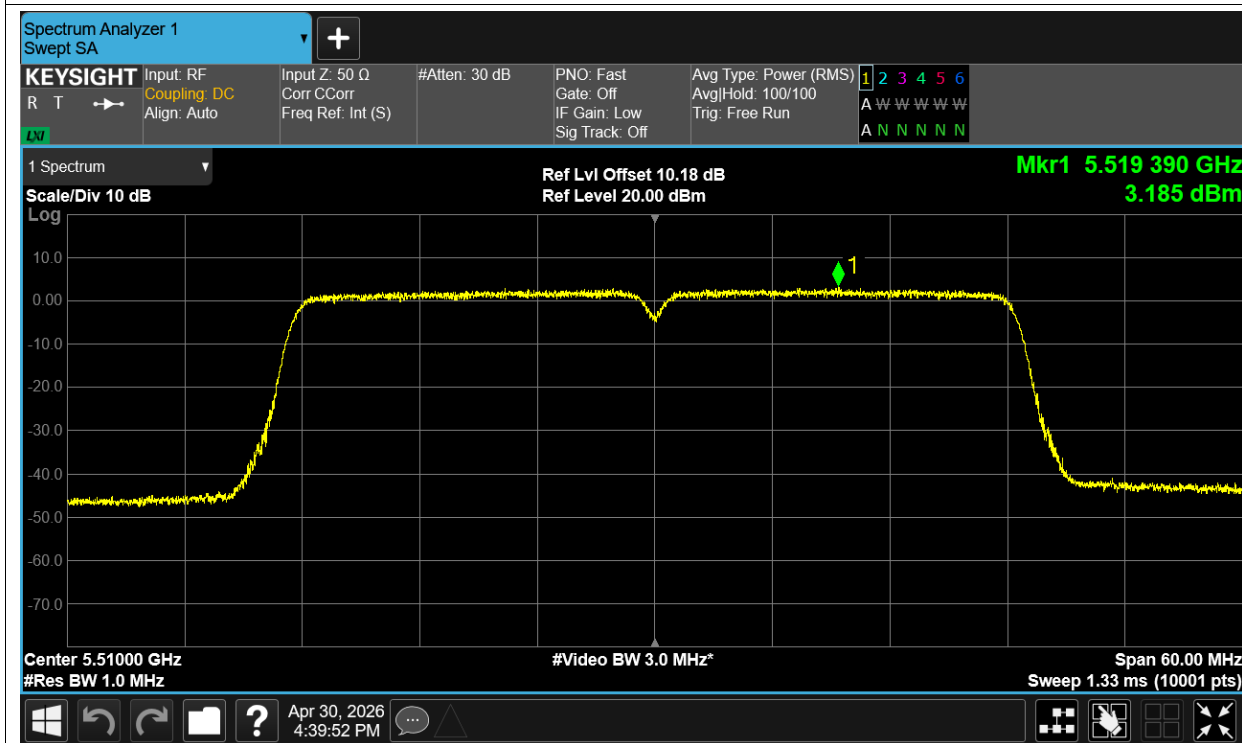
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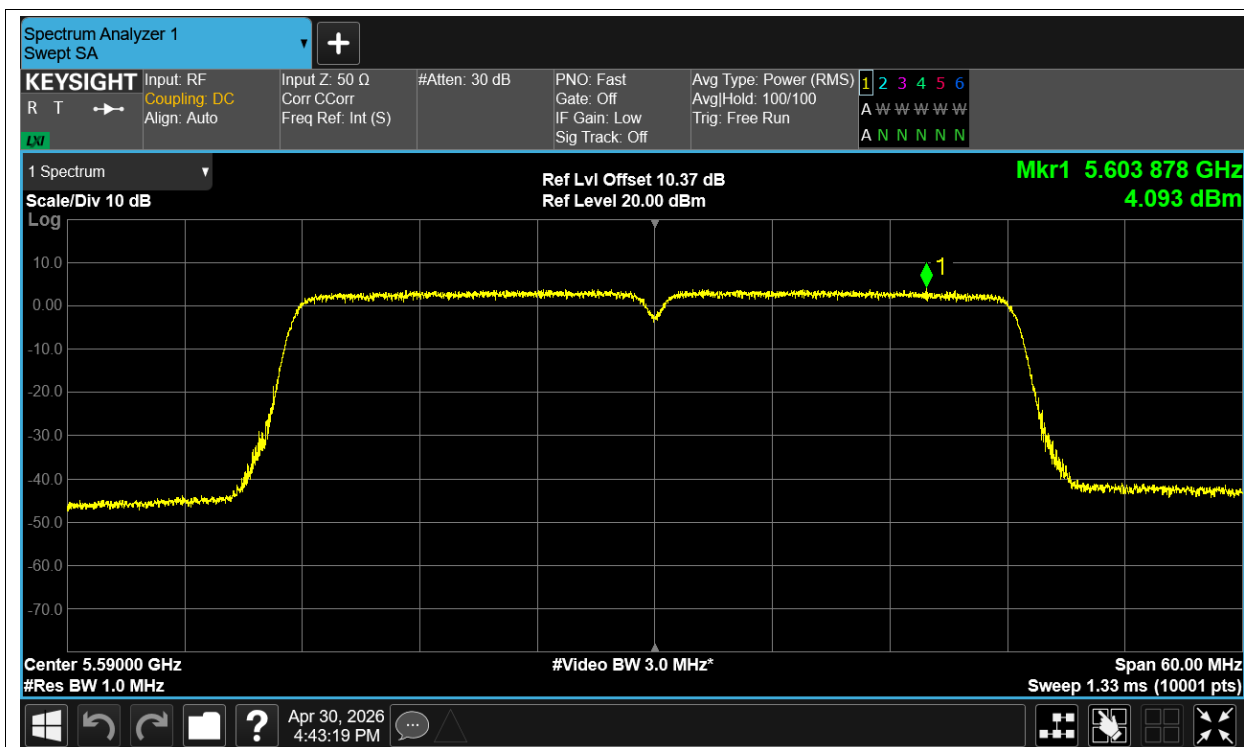
PSD NVNT ac40 5510MHz Ant1



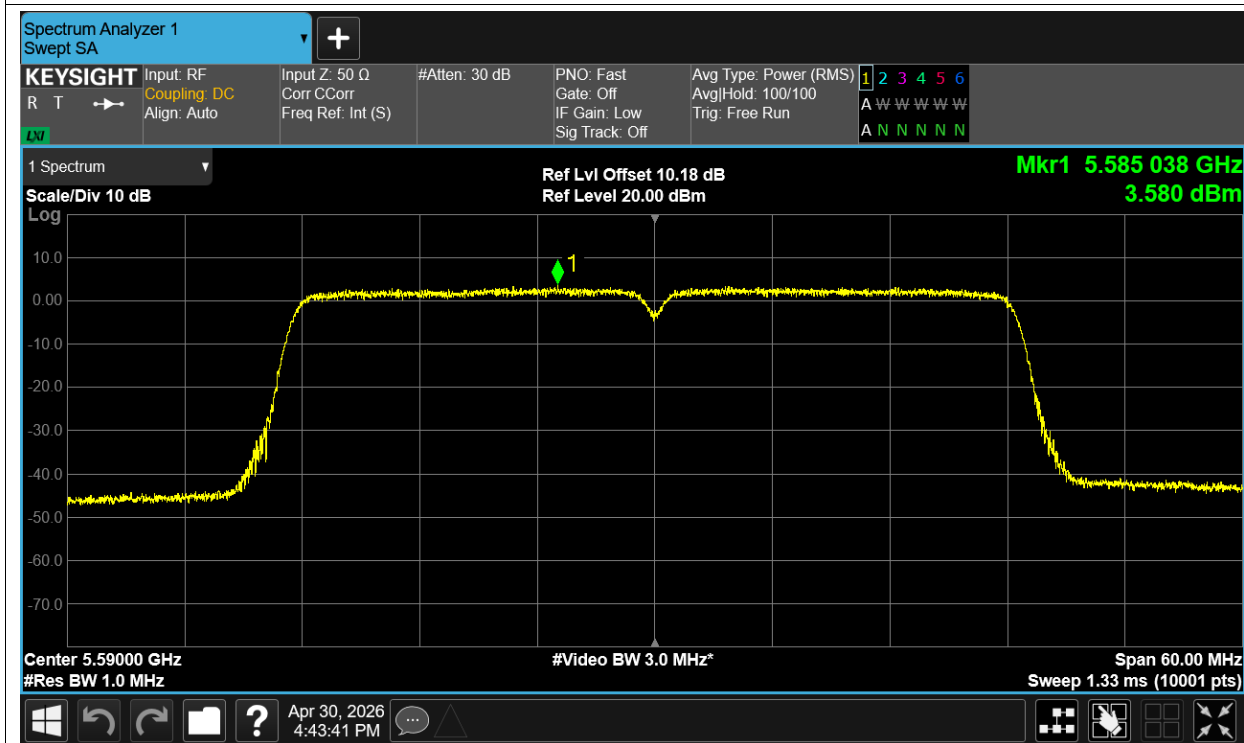
PSD NVNT ac40 5510MHz Ant2



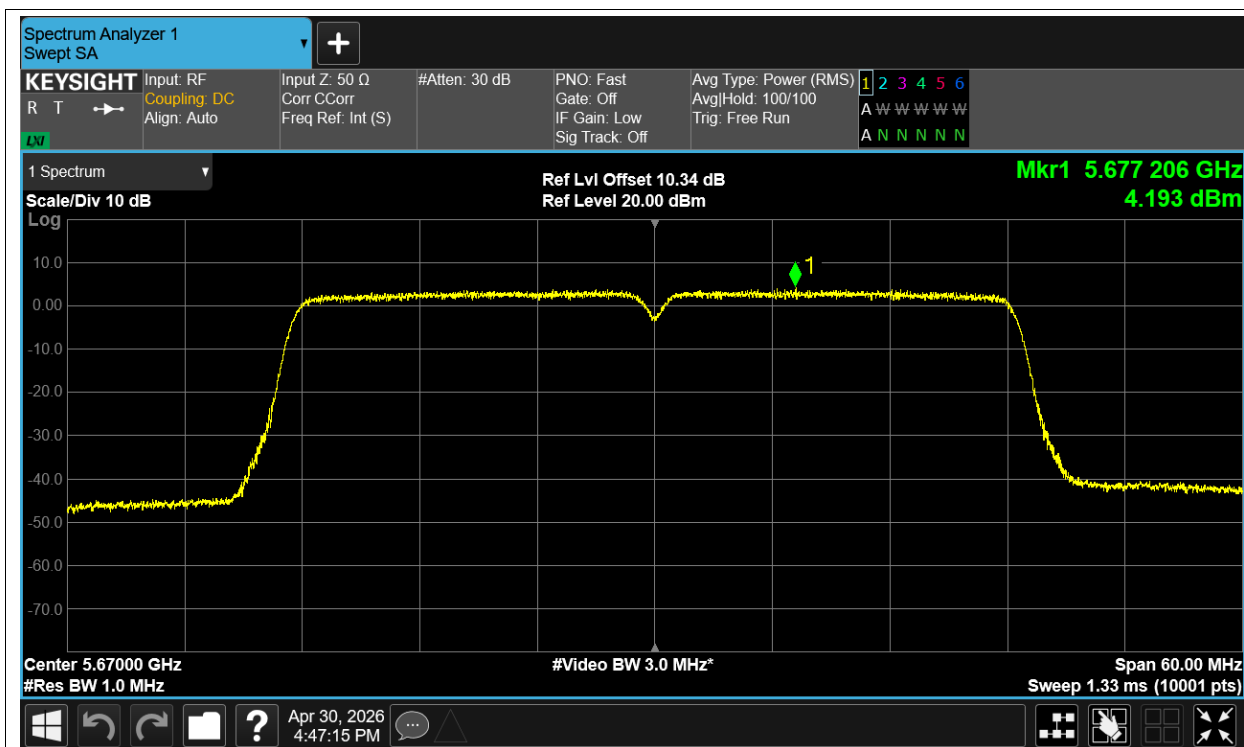
PSD NVNT ac40 5590MHz Ant1



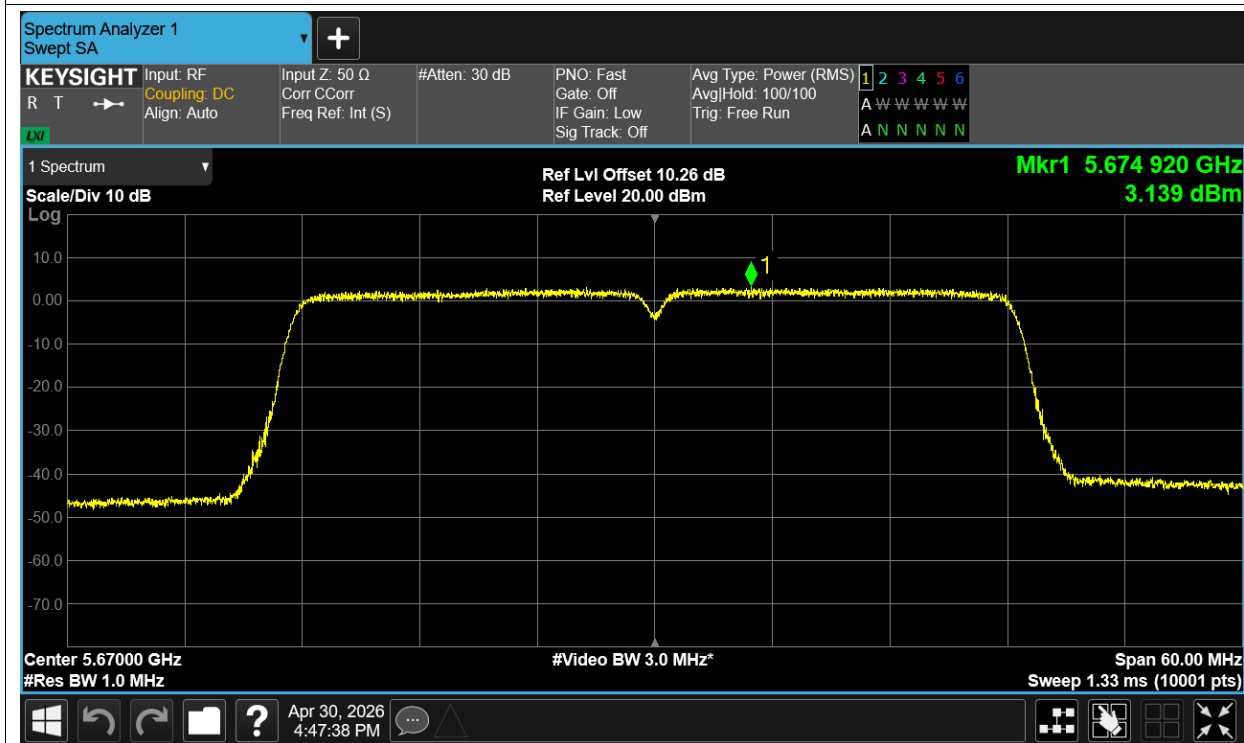
PSD NVNT ac40 5590MHz Ant2



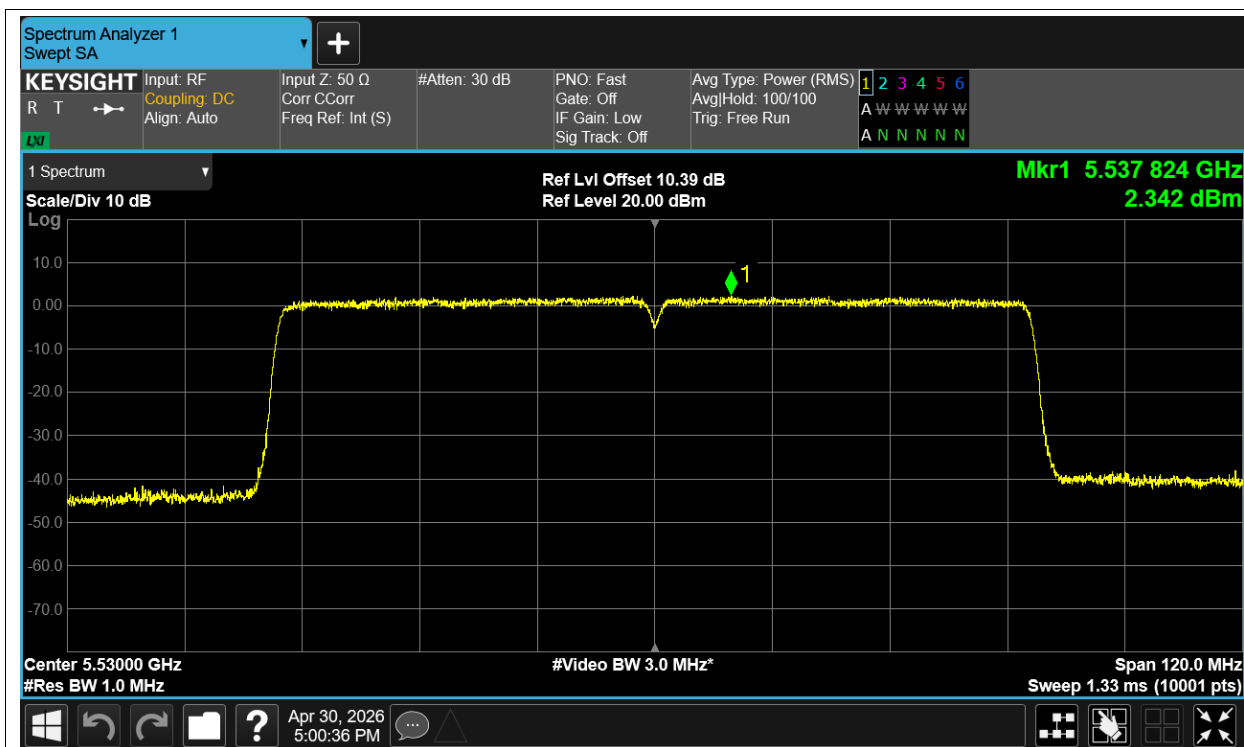
PSD NVNT ac40 5670MHz Ant1



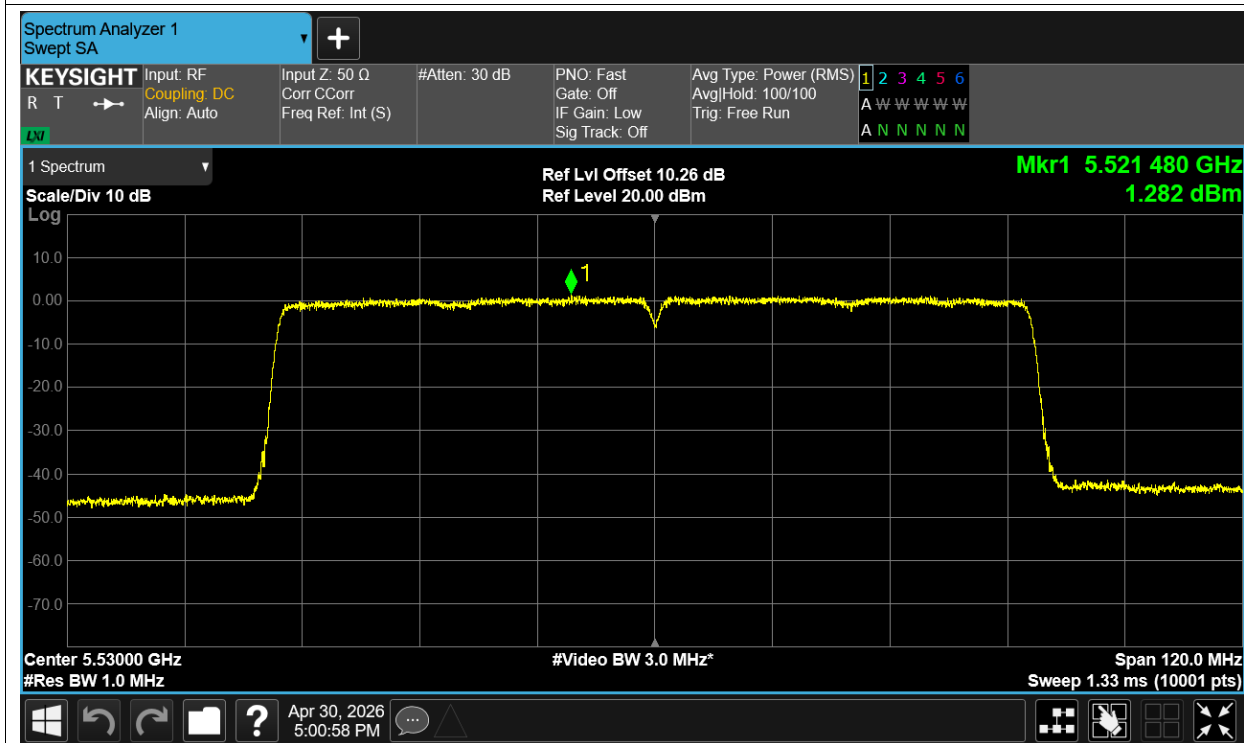
PSD NVNT ac40 5670MHz Ant2



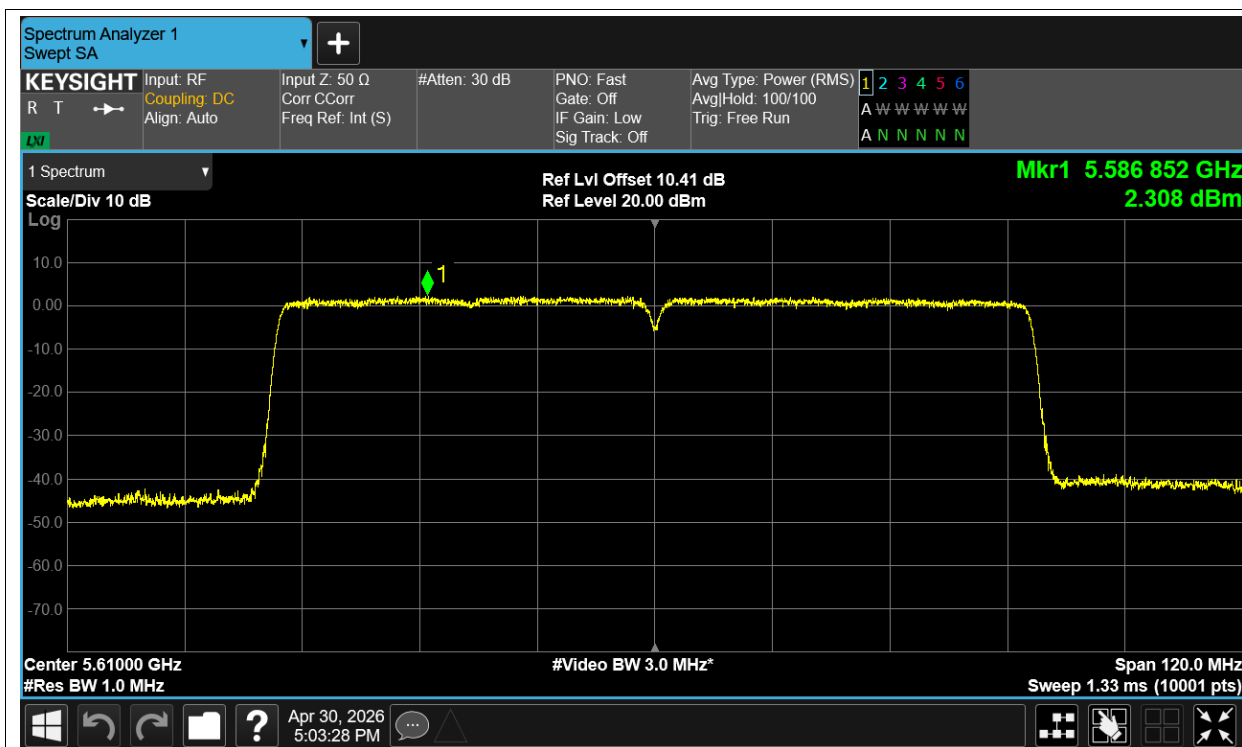
PSD NVNT ac80 5530MHz Ant1



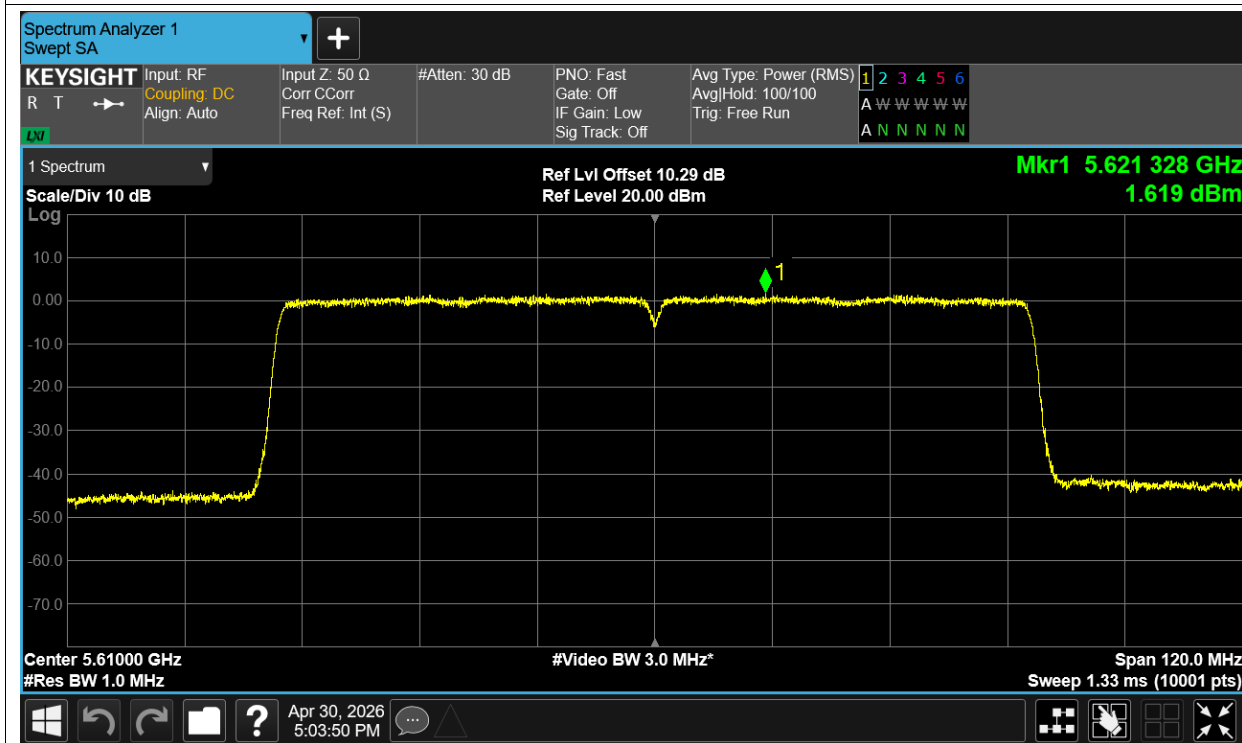
PSD NVNT ac80 5530MHz Ant2



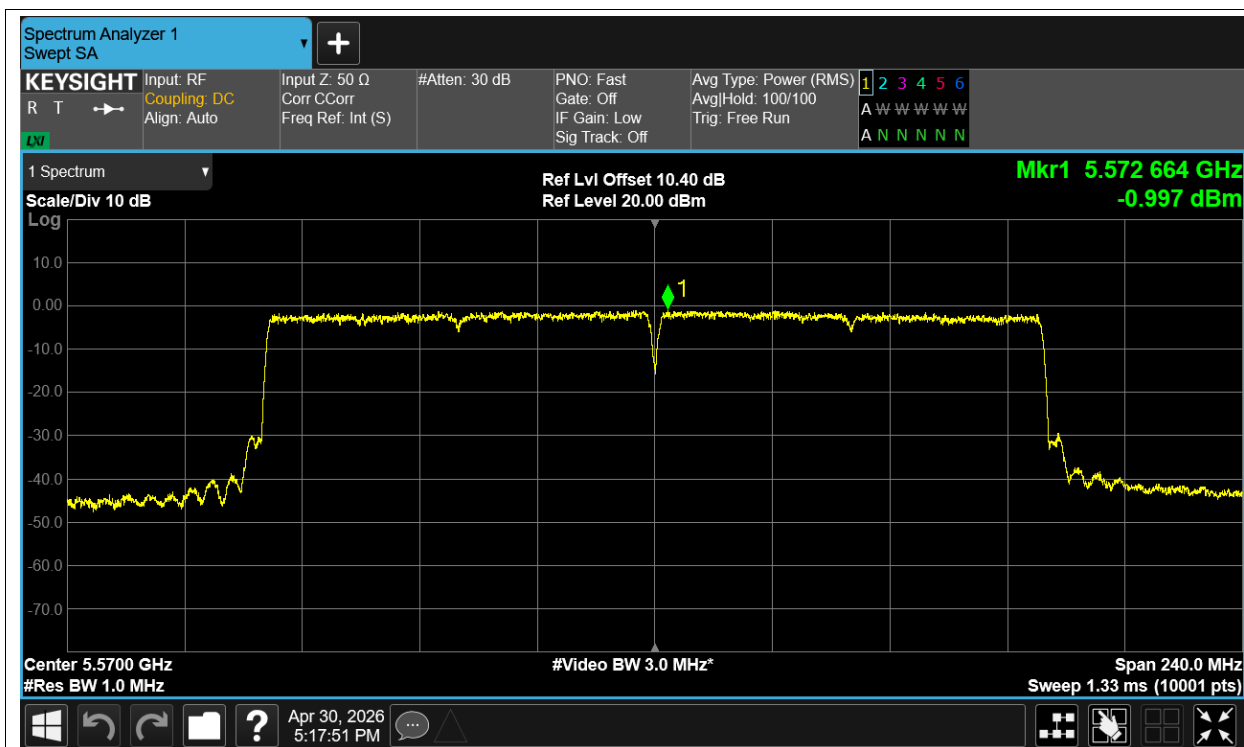
PSD NVNT ac80 5610MHz Ant1



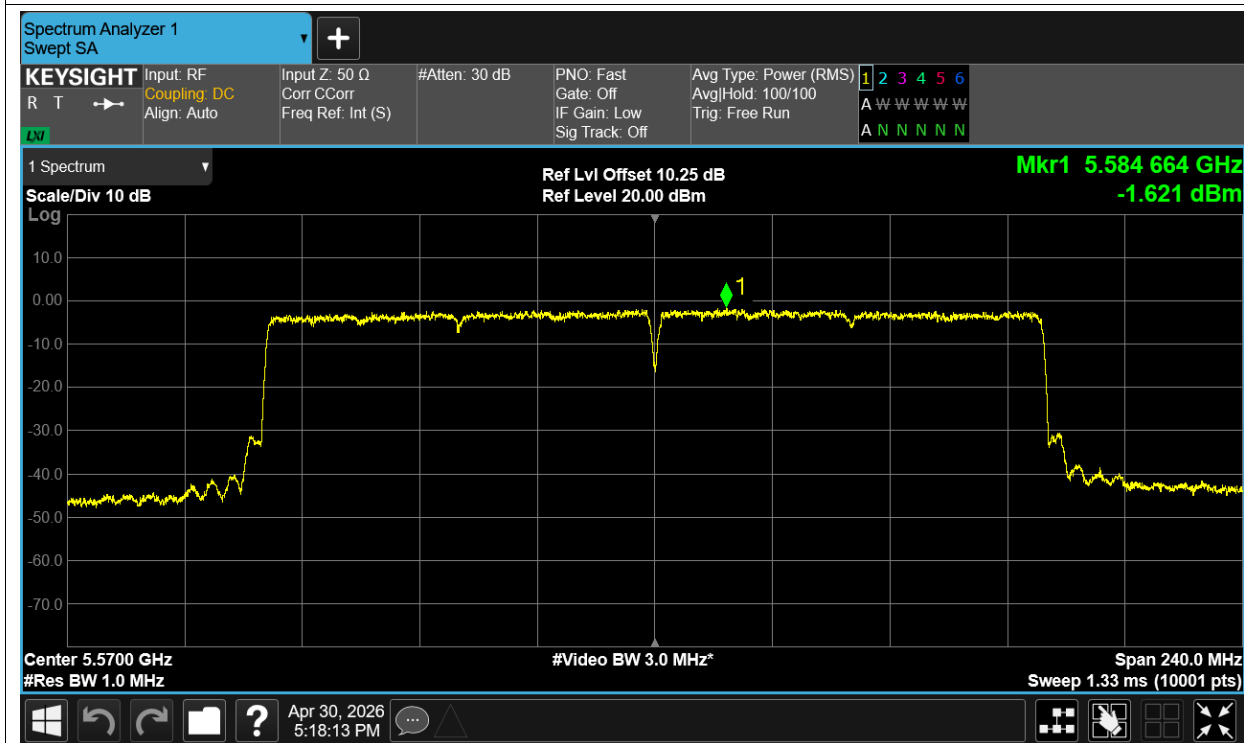
PSD NVNT ac80 5610MHz Ant2



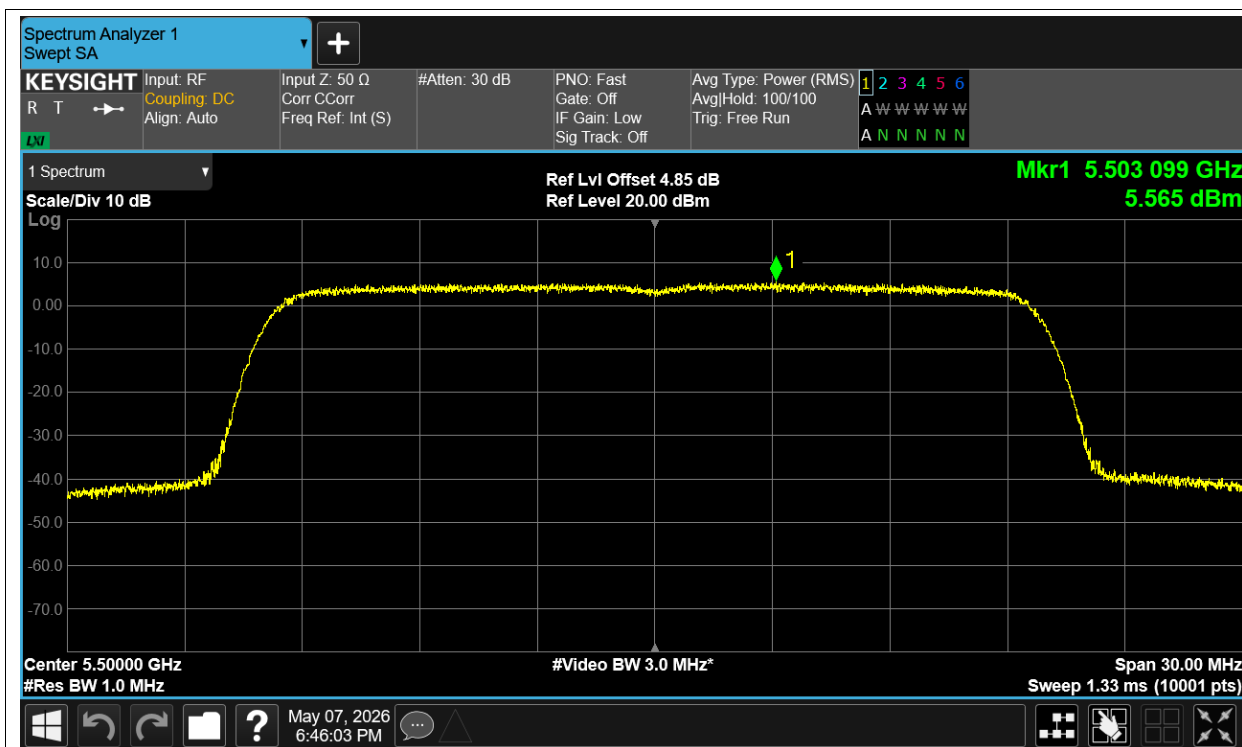
PSD NVNT ax160 5570MHz Ant1



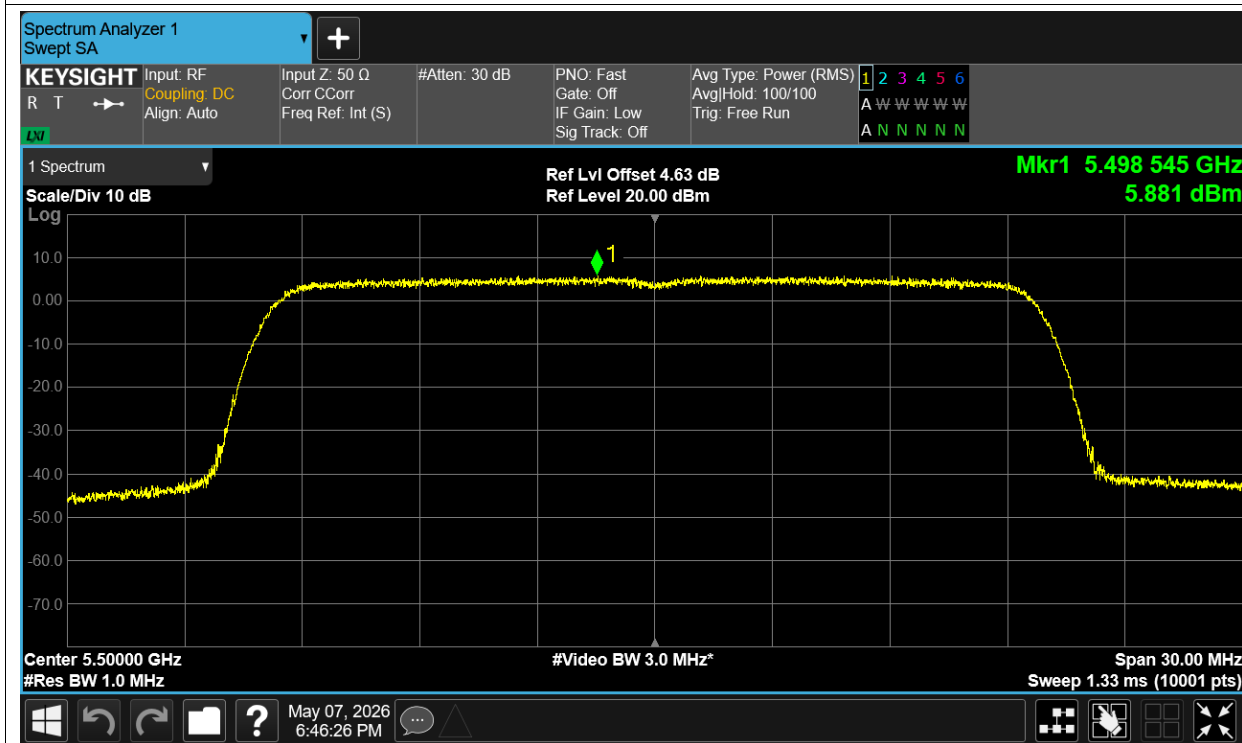
PSD NVNT ax160 5570MHz Ant2



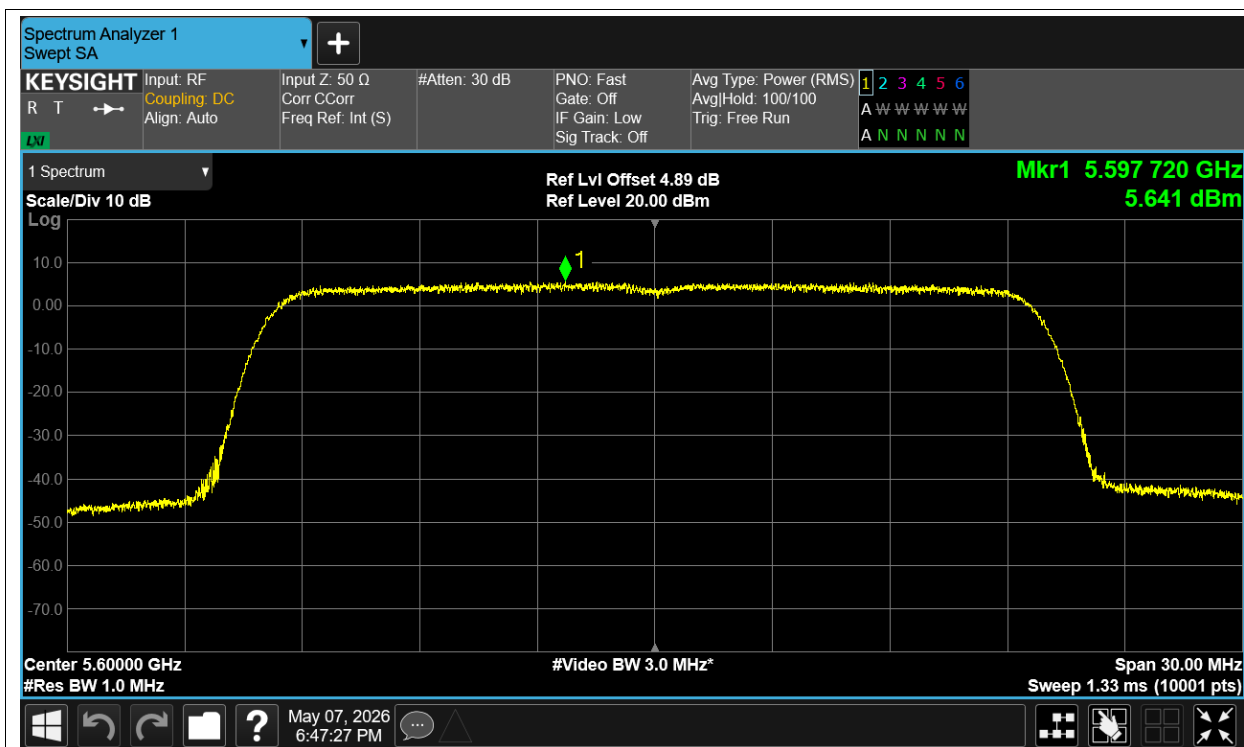
PSD NVNT ax20 5500MHz Ant1



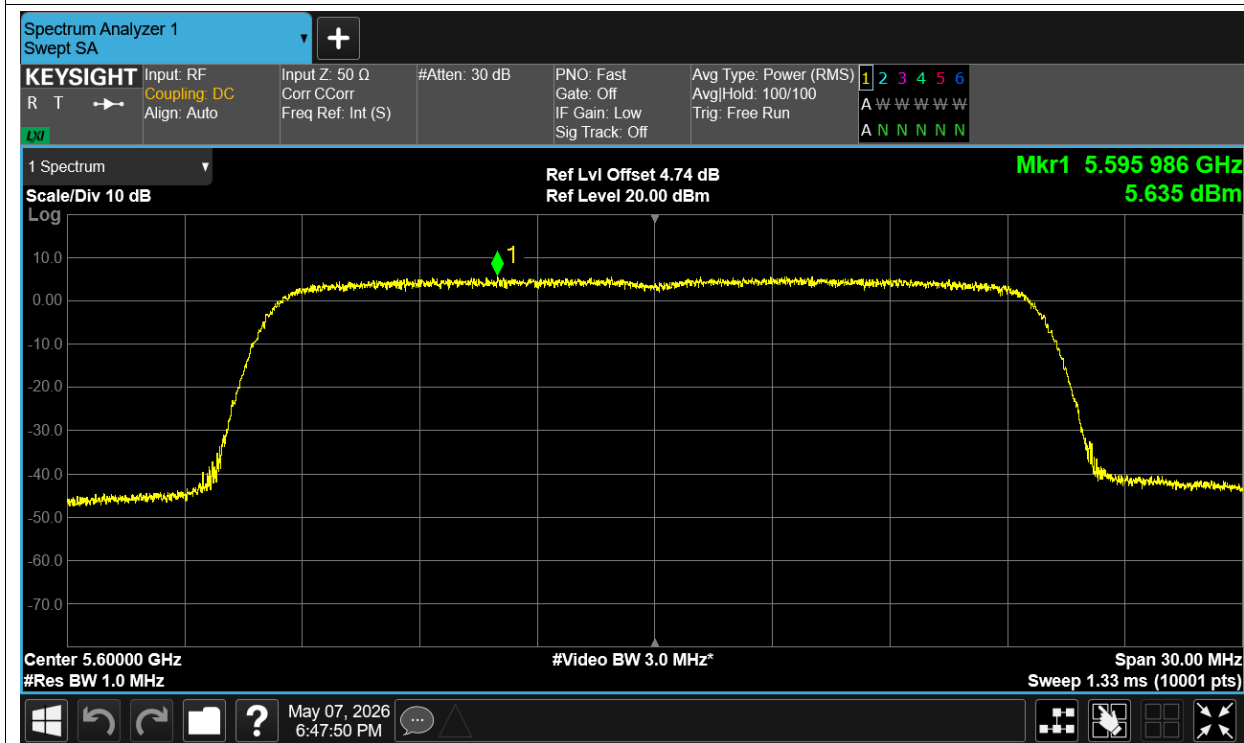
PSD NVNT ax20 5500MHz Ant2



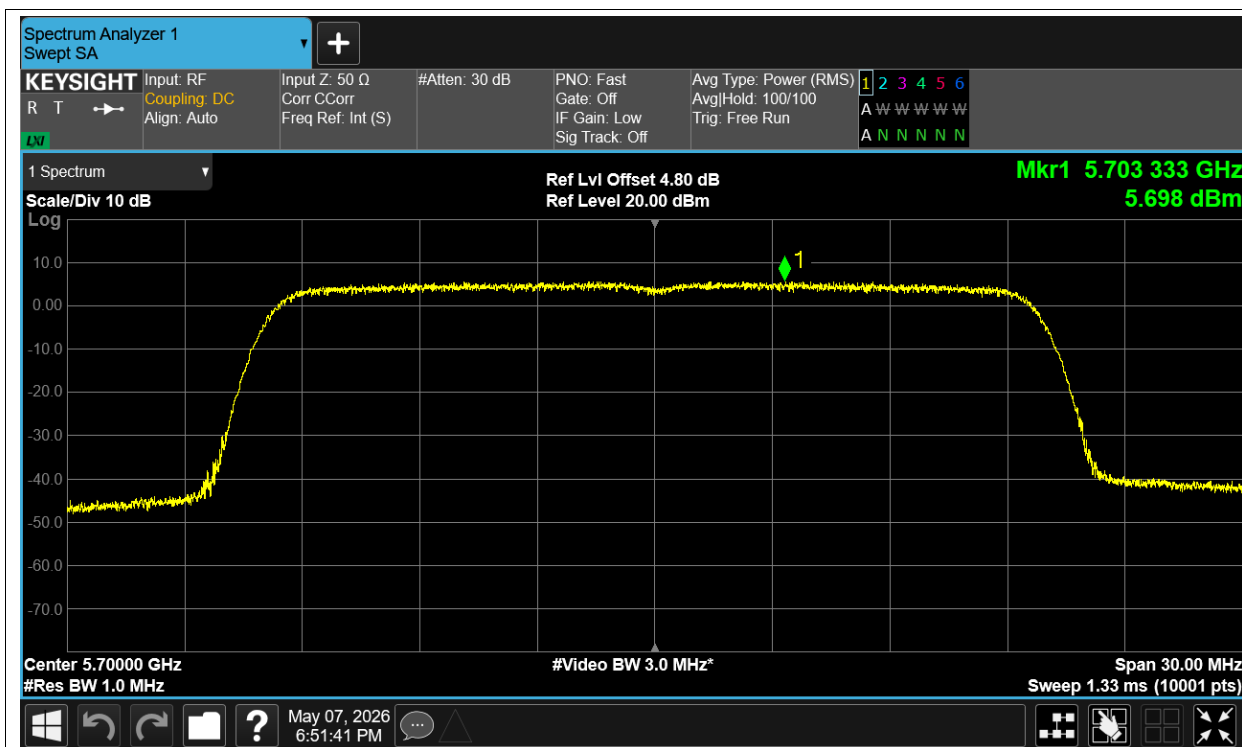
PSD NVNT ax20 5600MHz Ant1



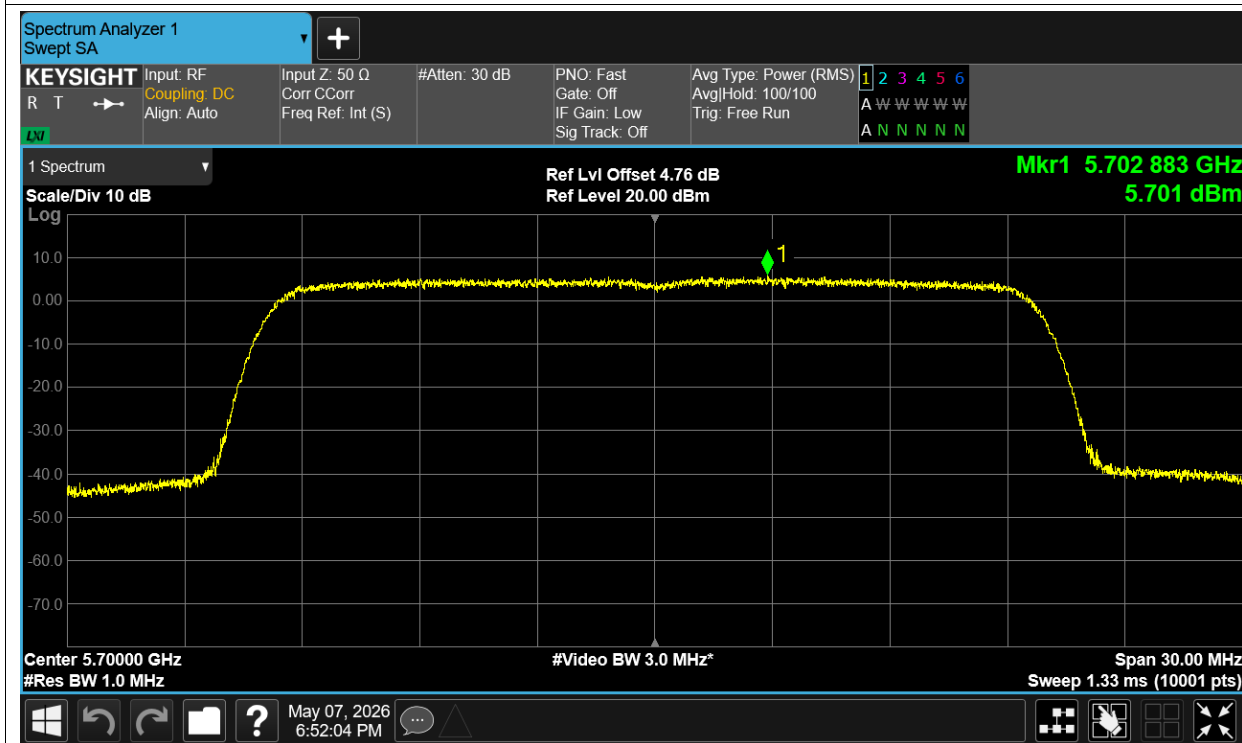
PSD NVNT ax20 5600MHz Ant2



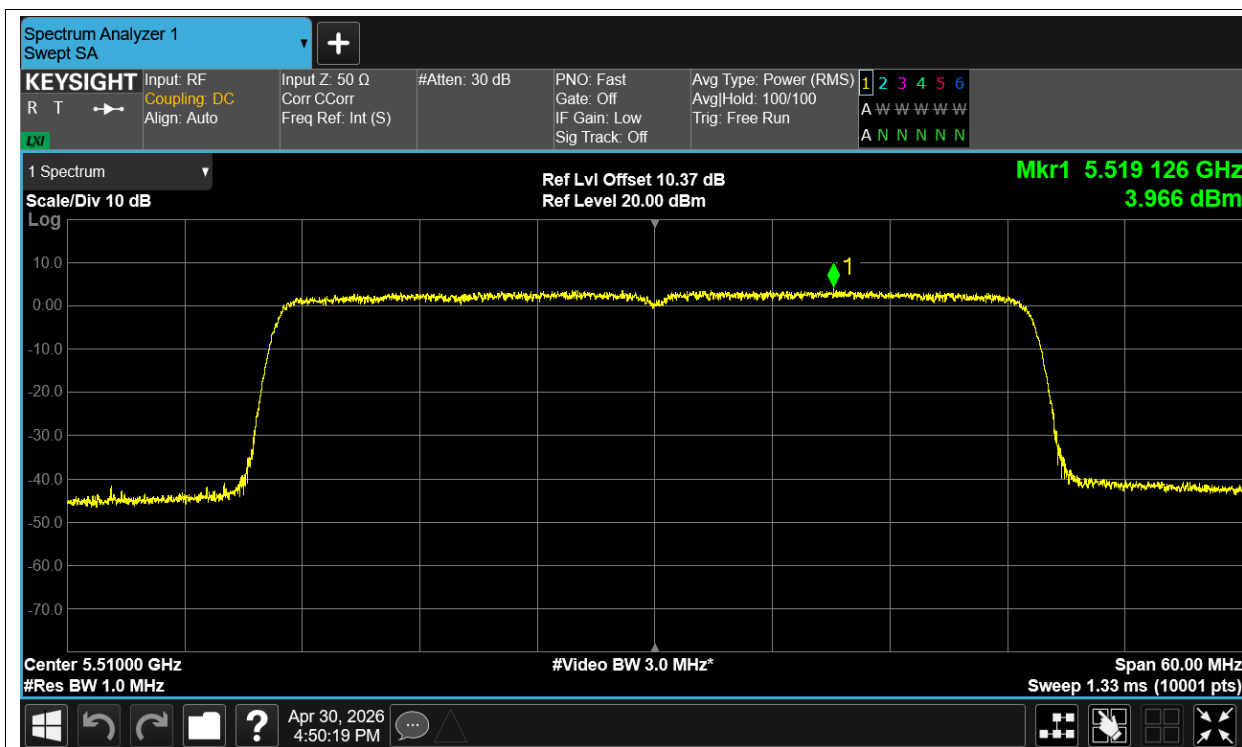
PSD NVNT ax20 5700MHz Ant1



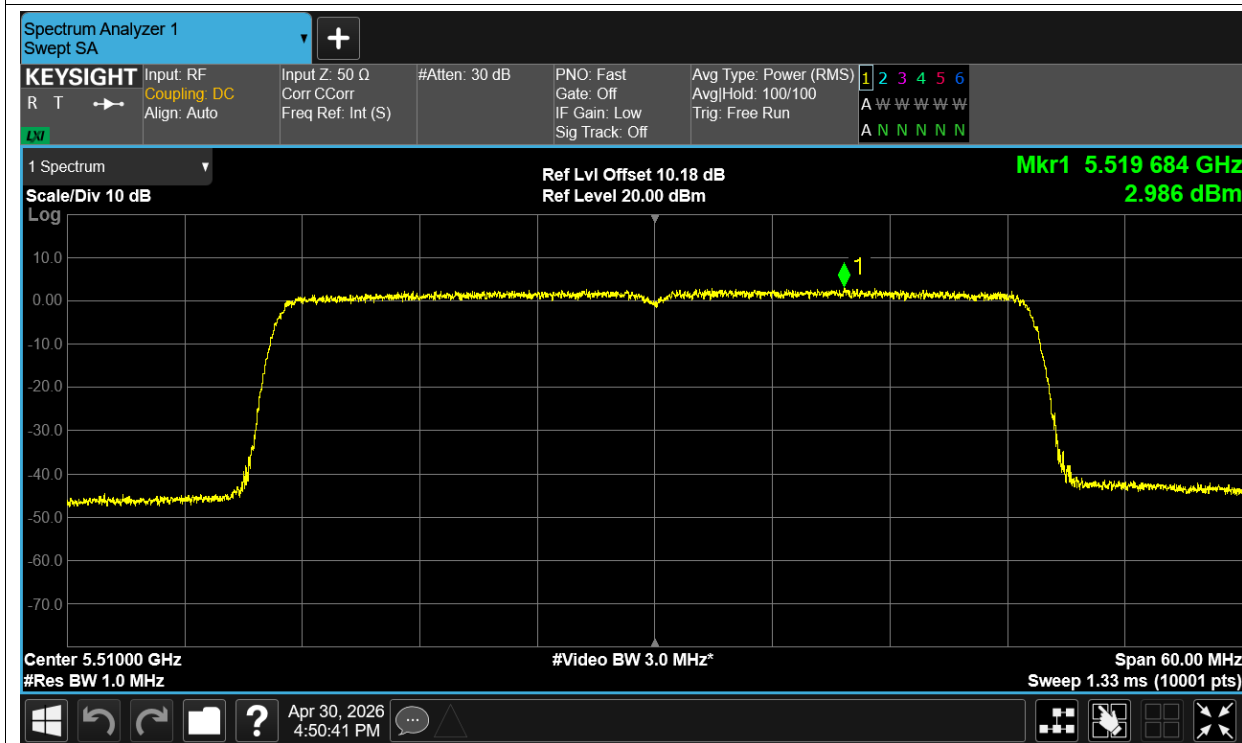
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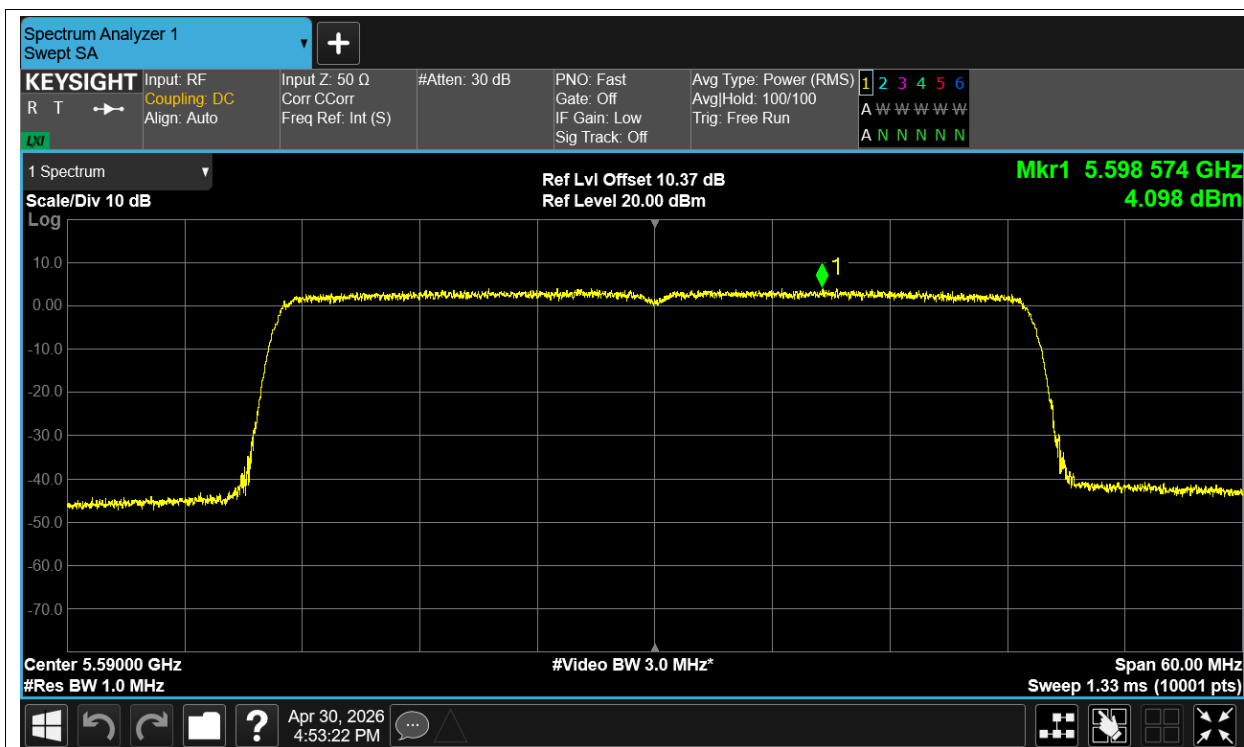
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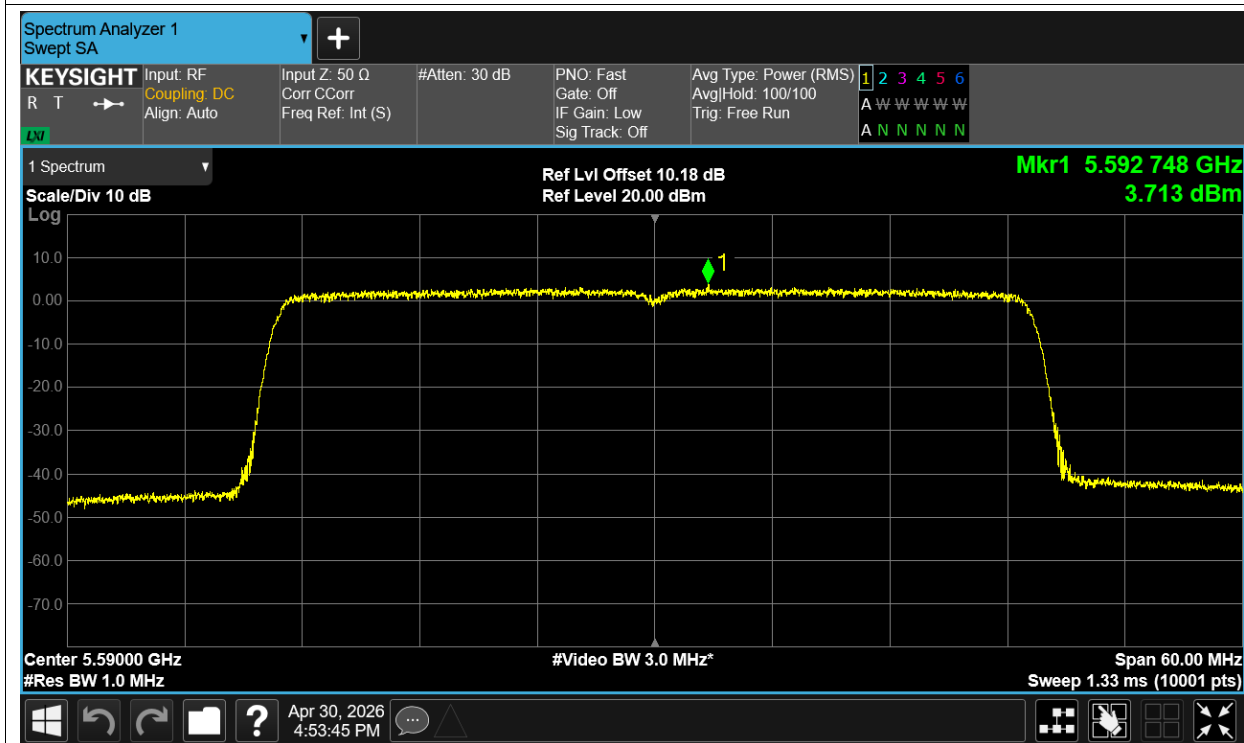
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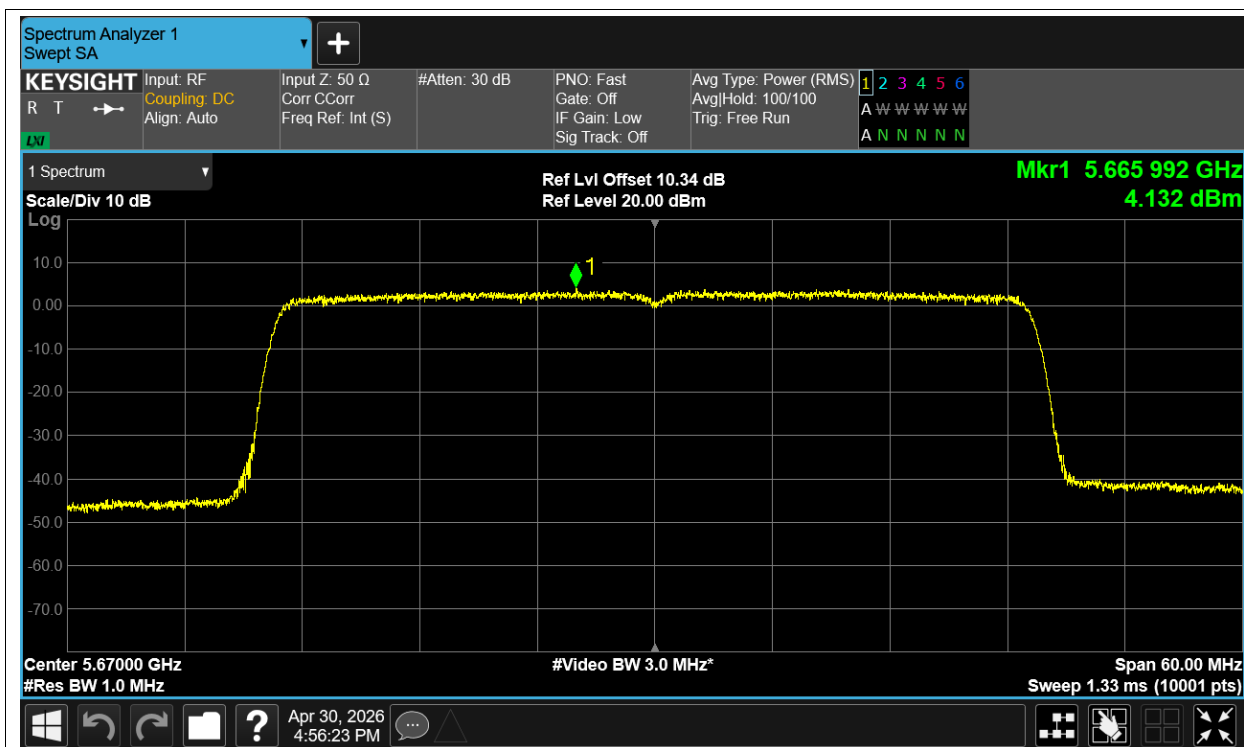
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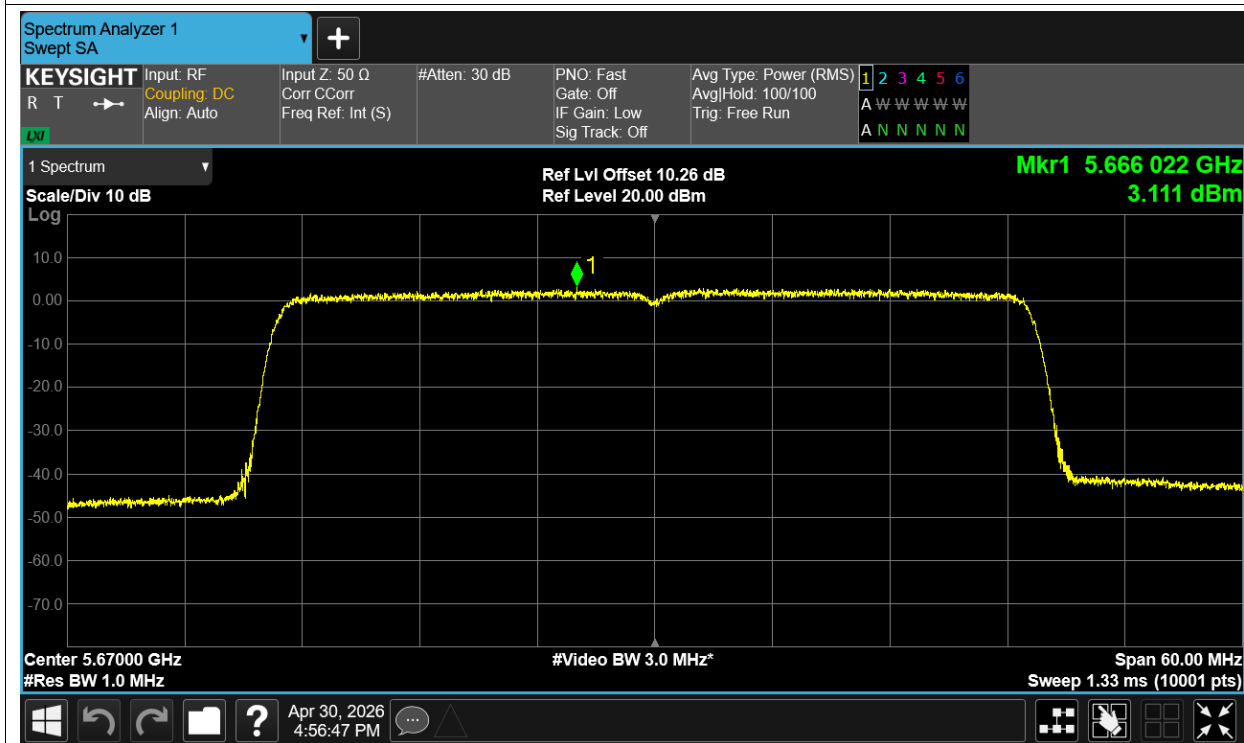
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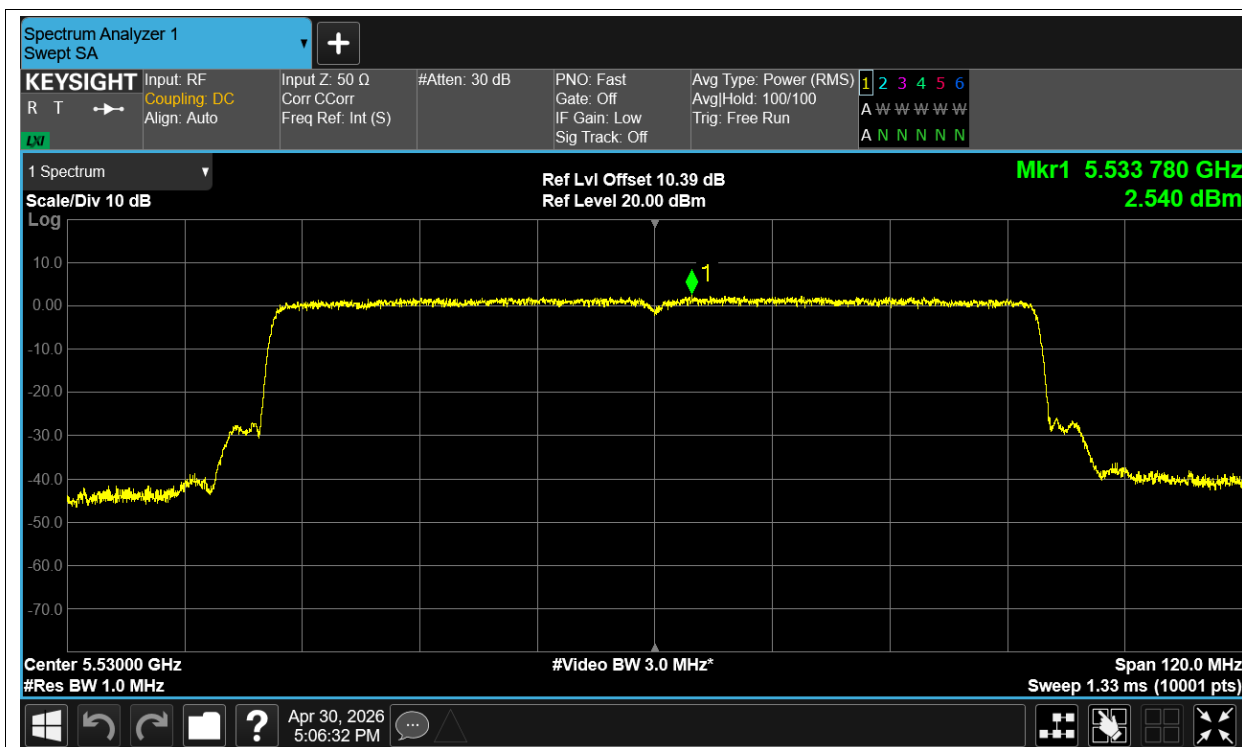
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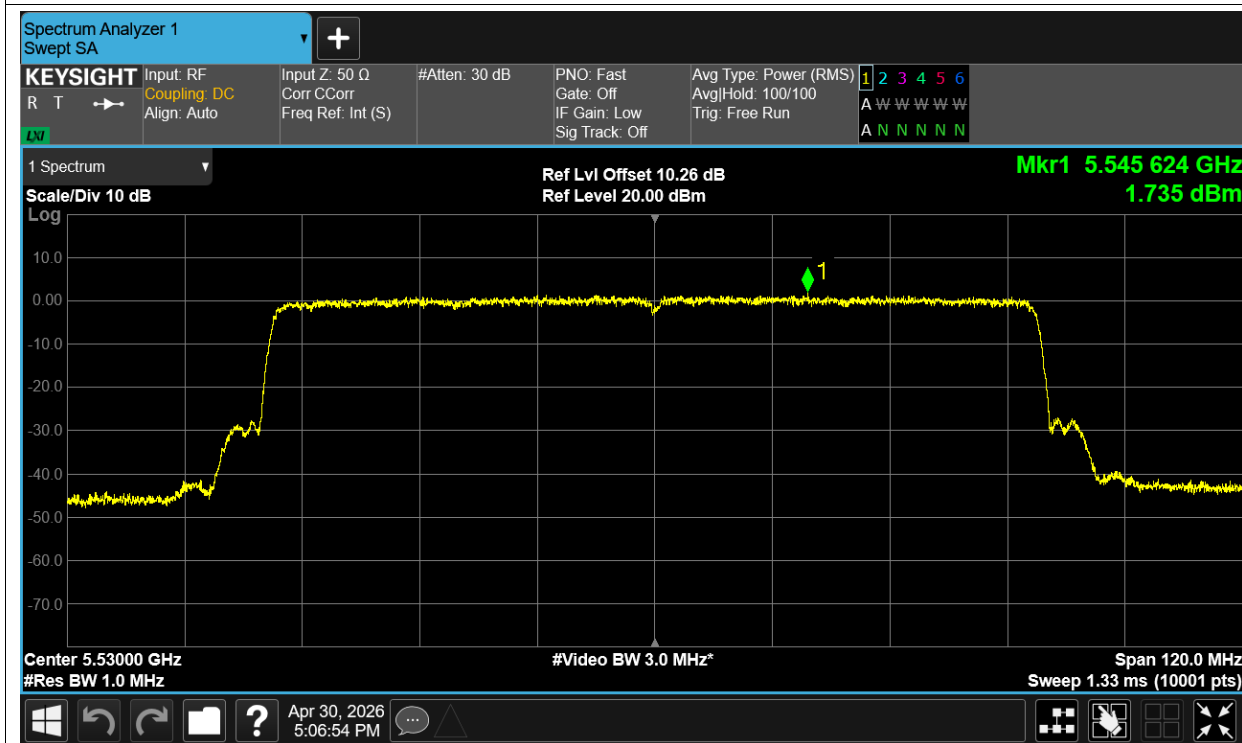
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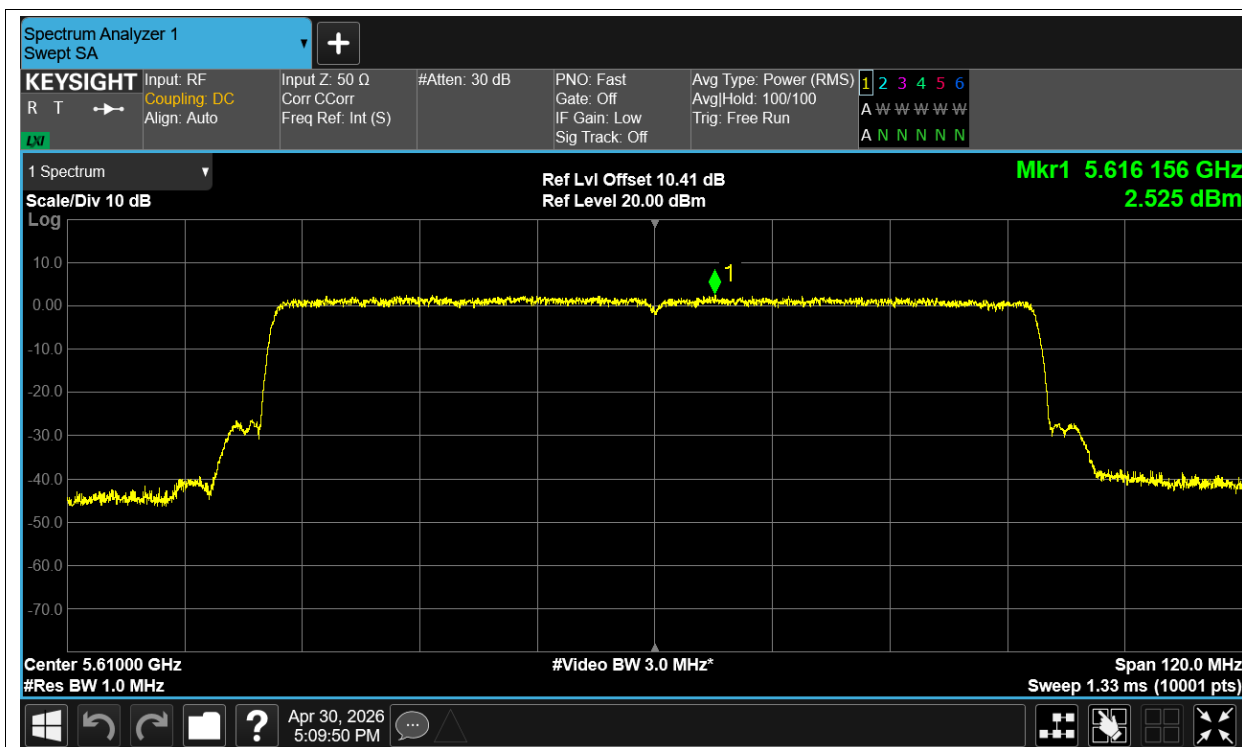
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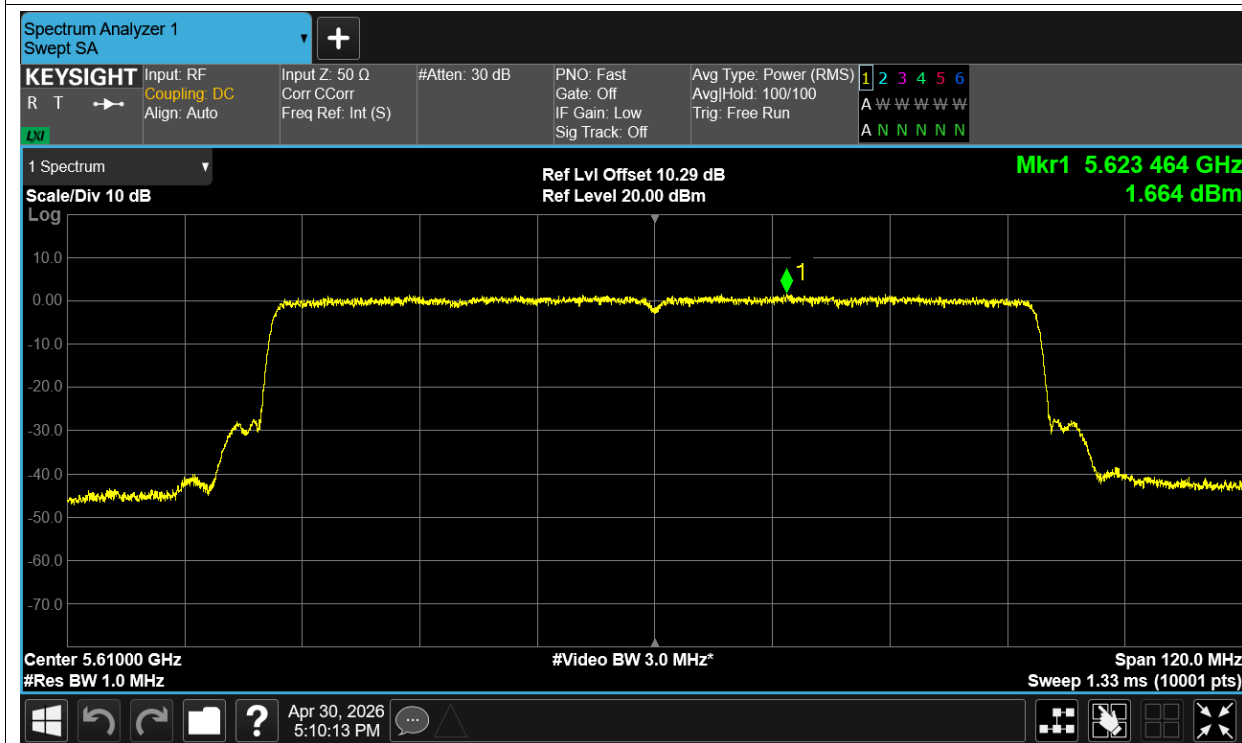
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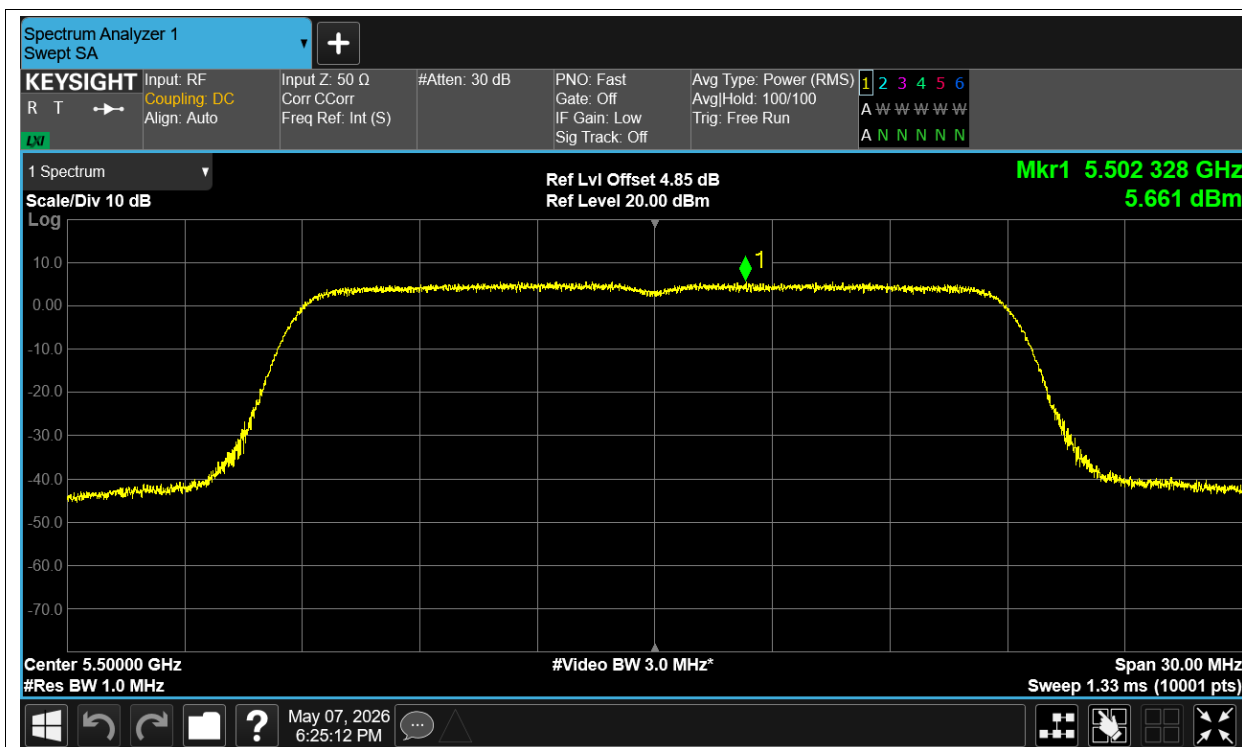
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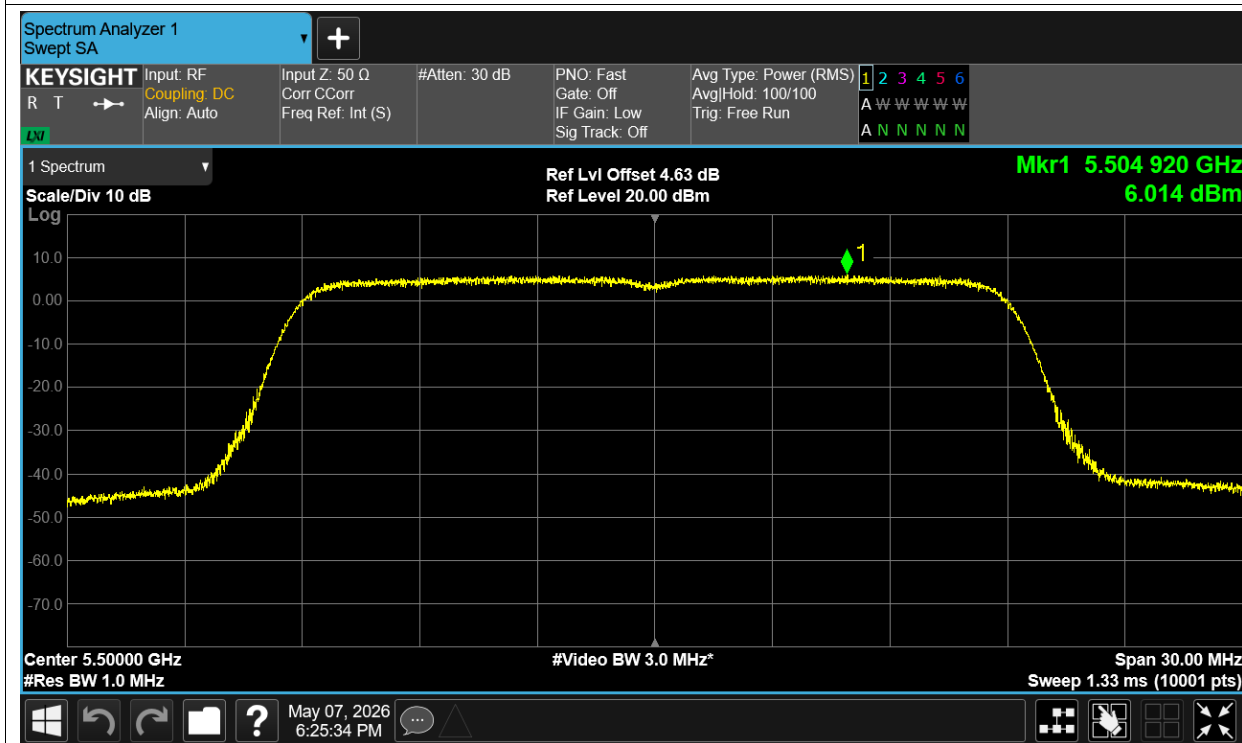
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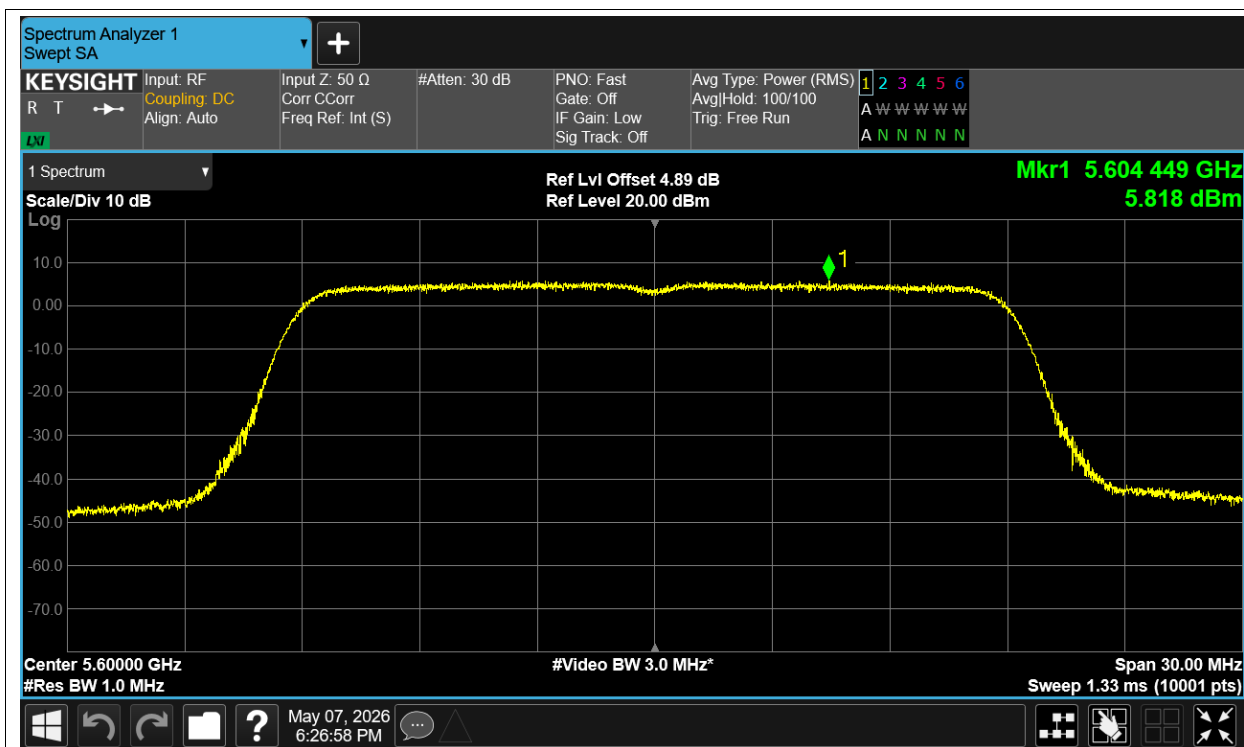
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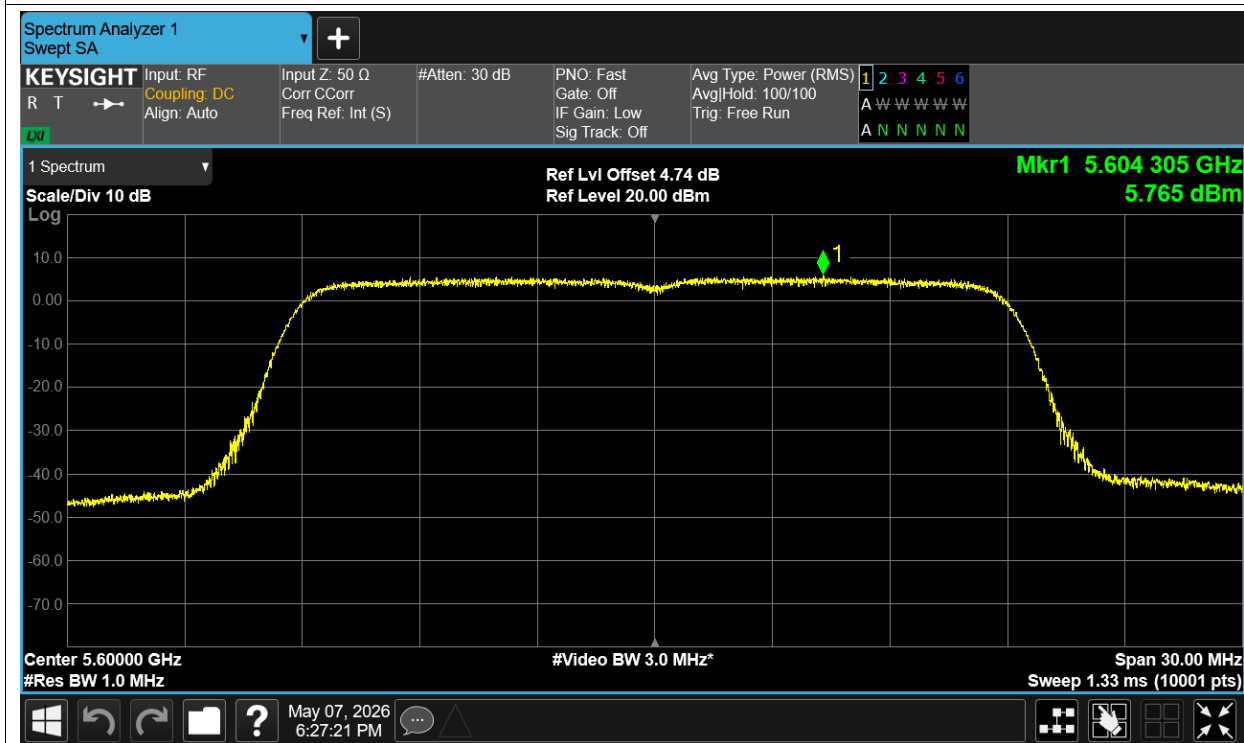
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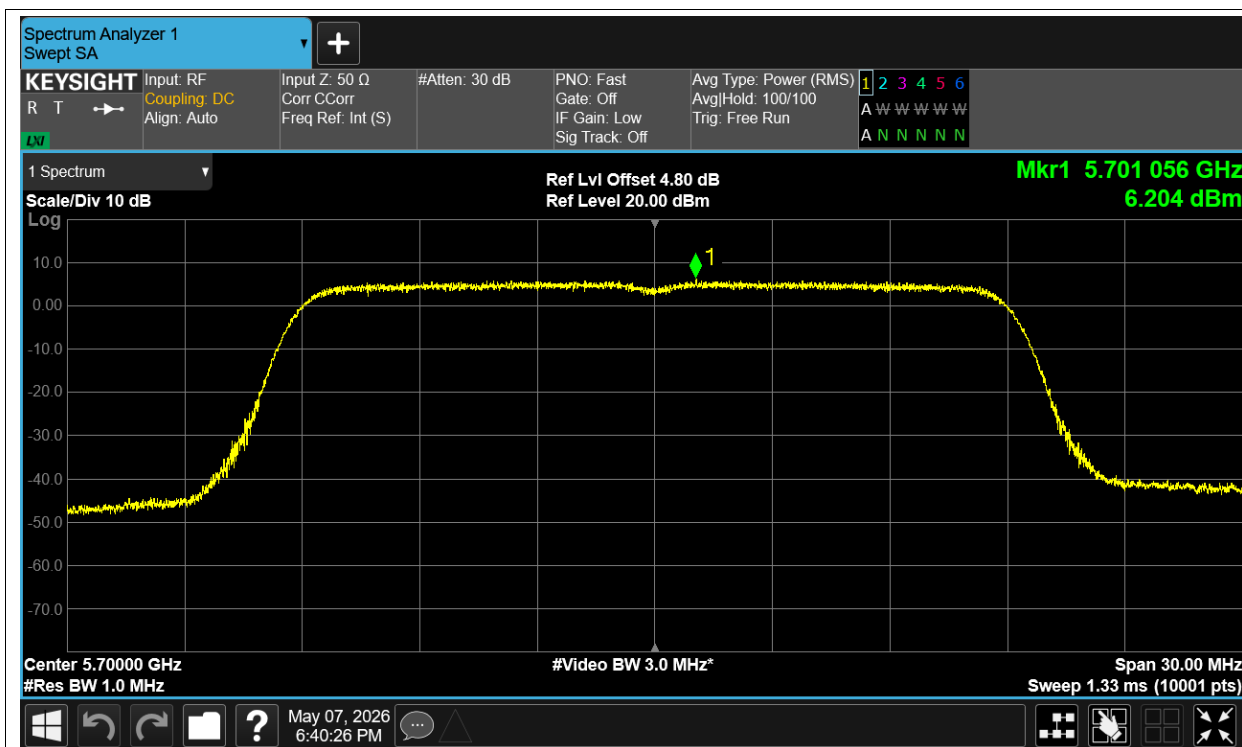
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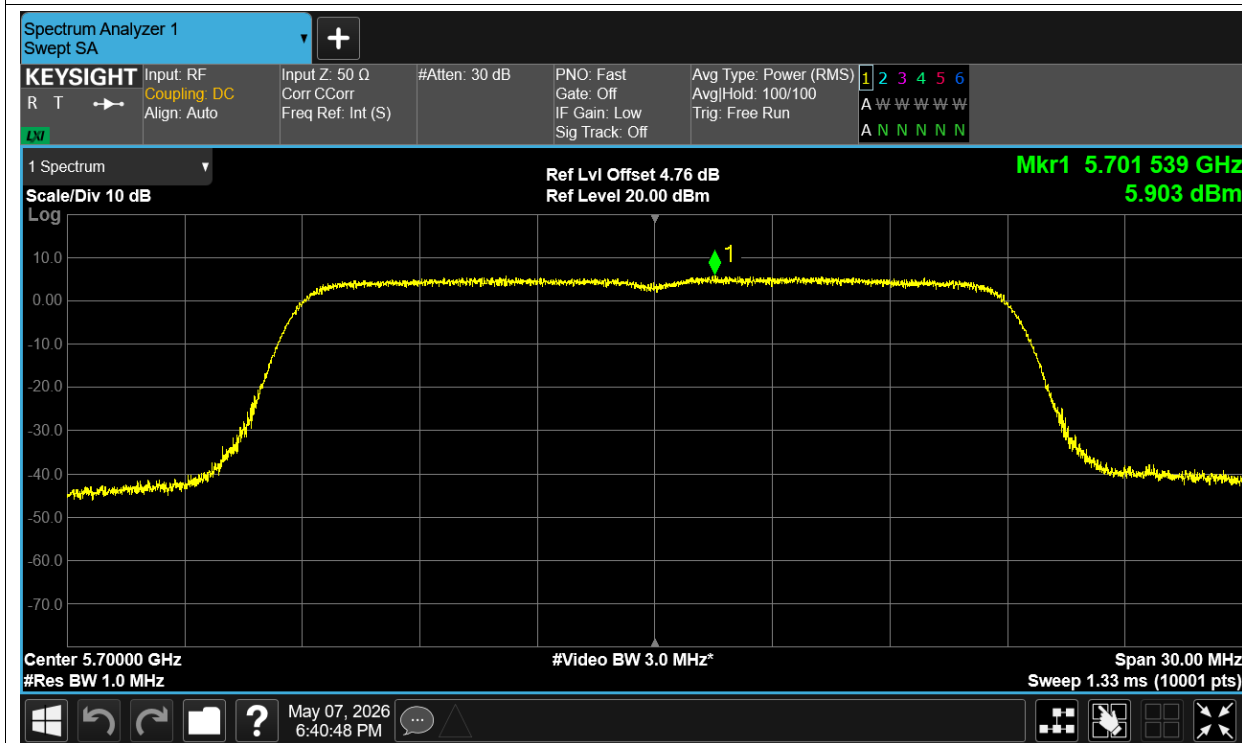
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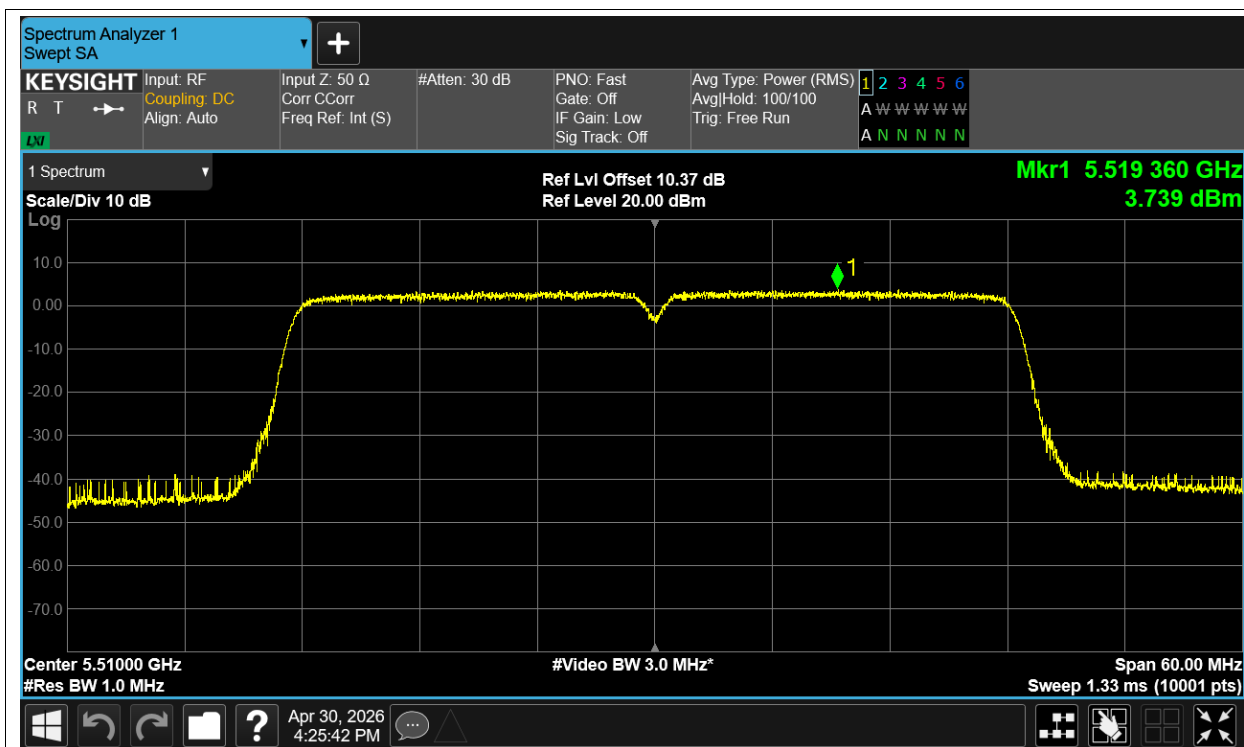
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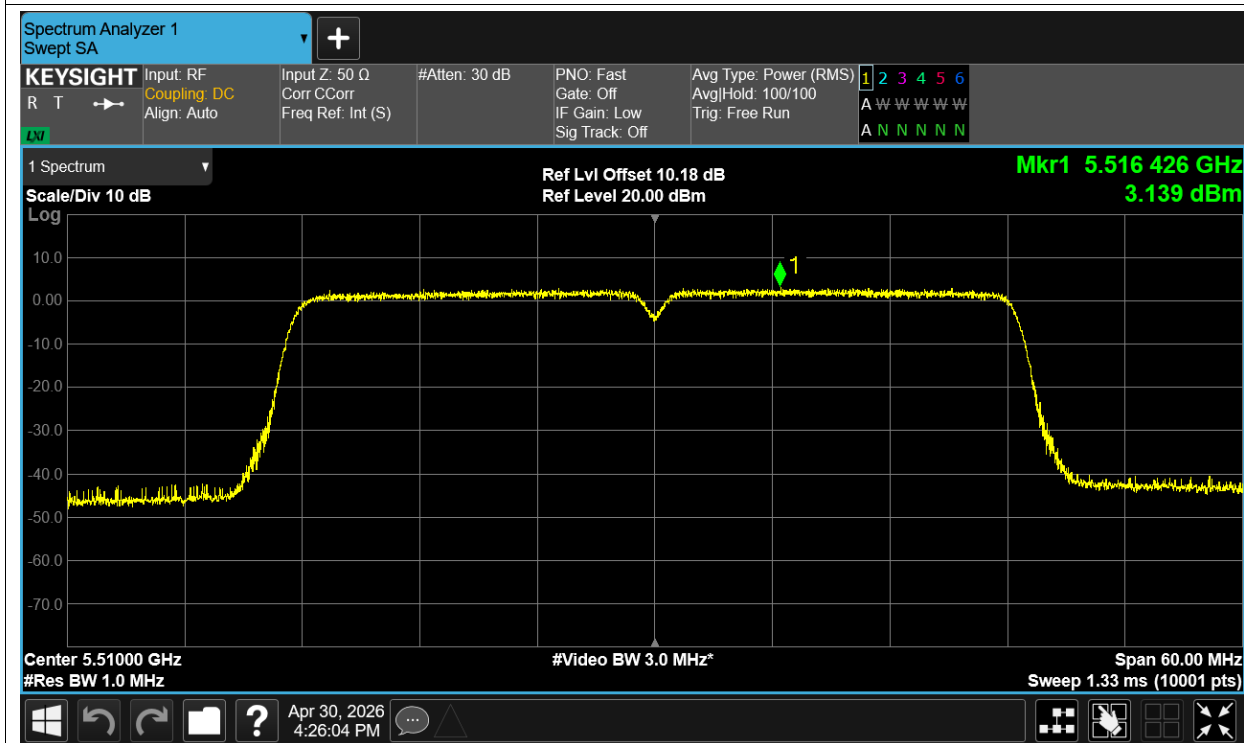
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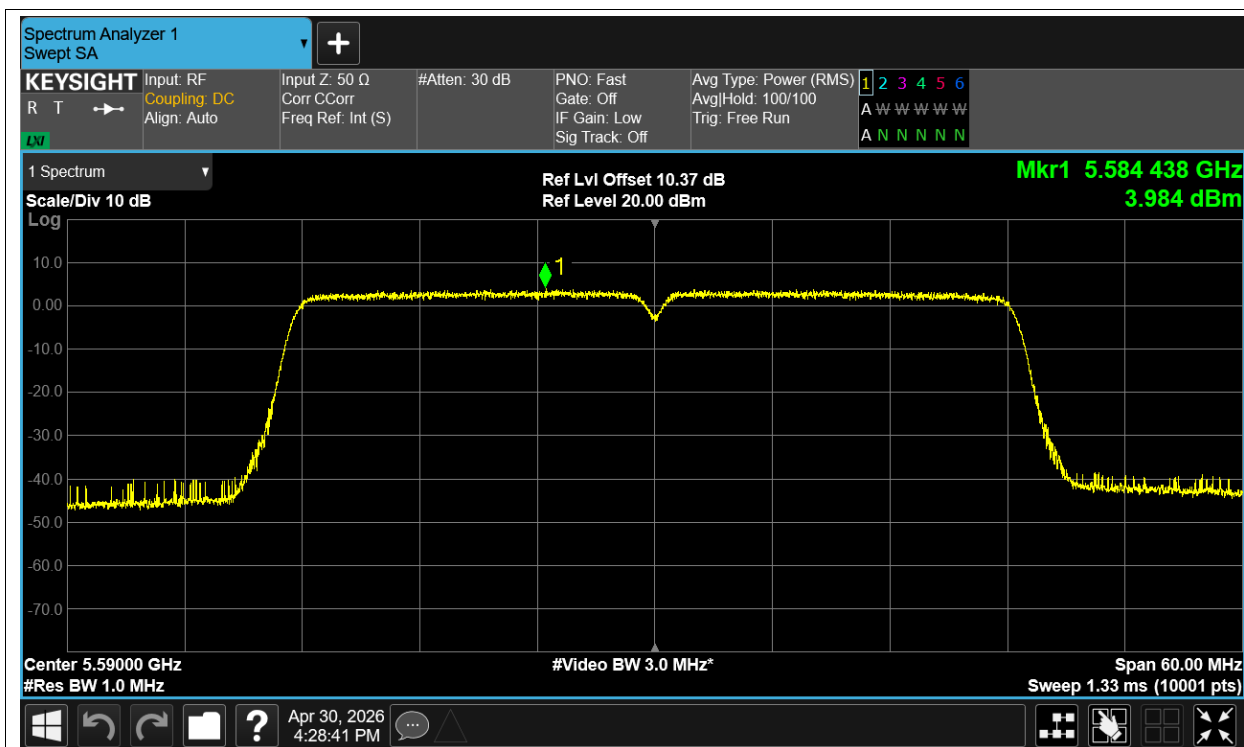
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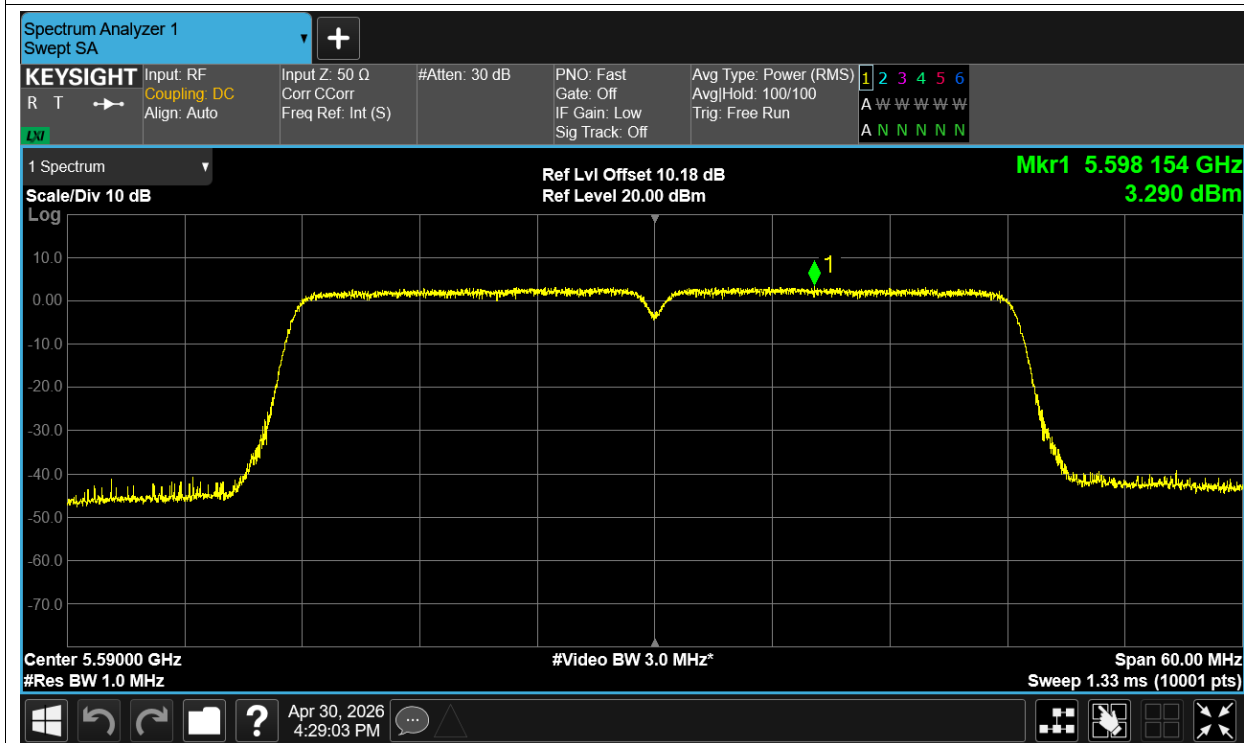
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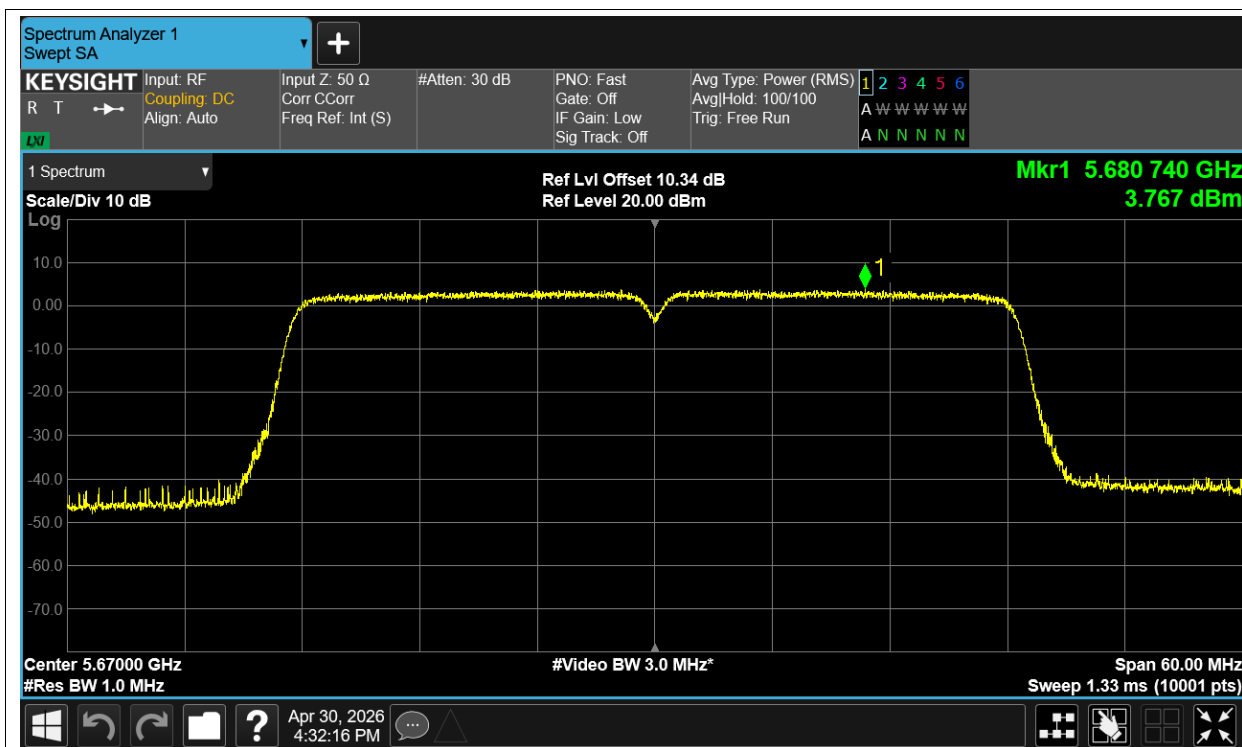
PSD NVNT n40 5590MHz Ant1



PSD NVNT n40 5590MHz Ant2



PSD NVNT n40 5670MHz Ant1



PSD NVNT n40 5670MHz Ant2

