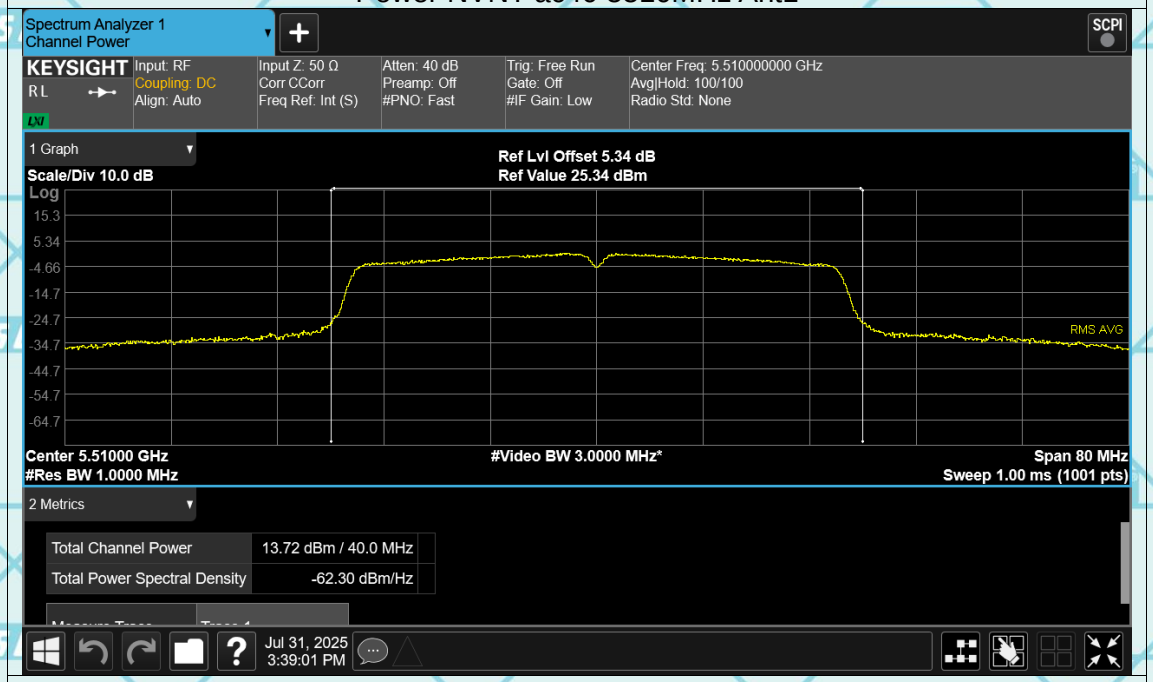
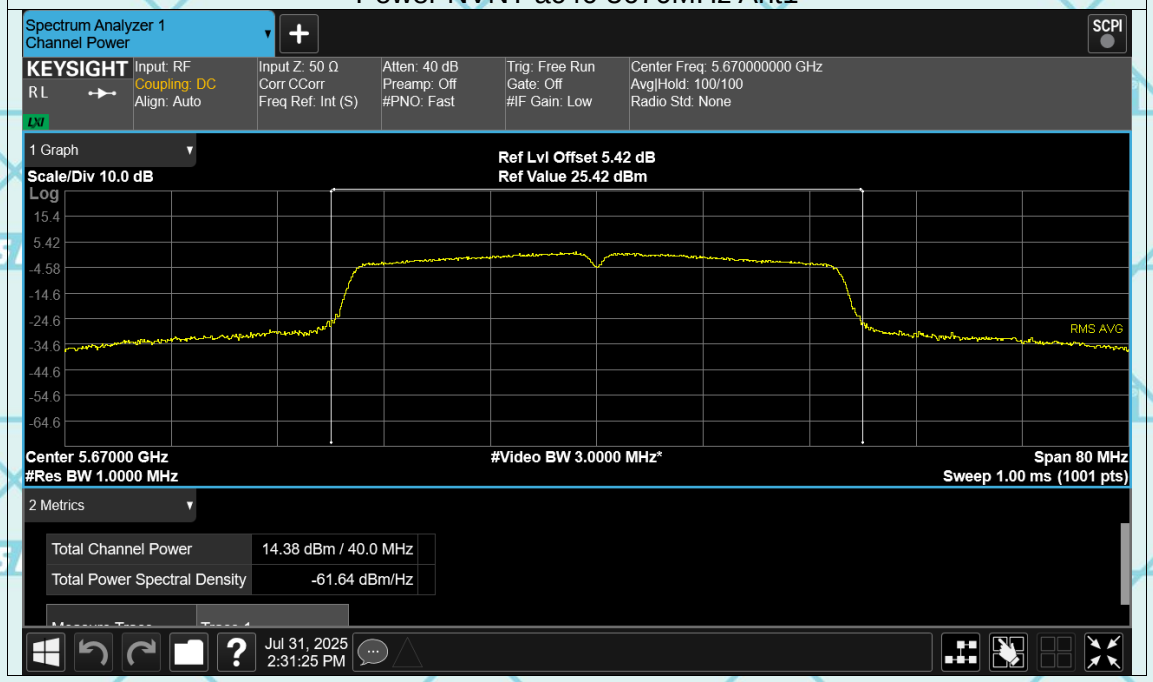
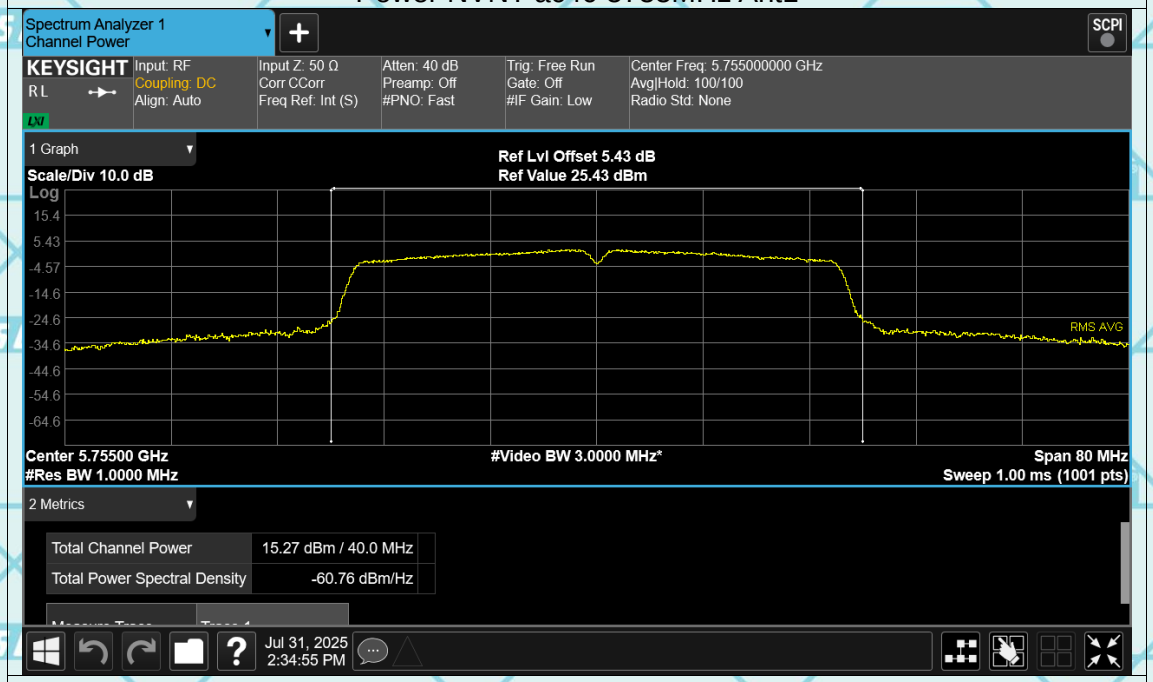
Power NVNT ac40 5510MHz Ant1



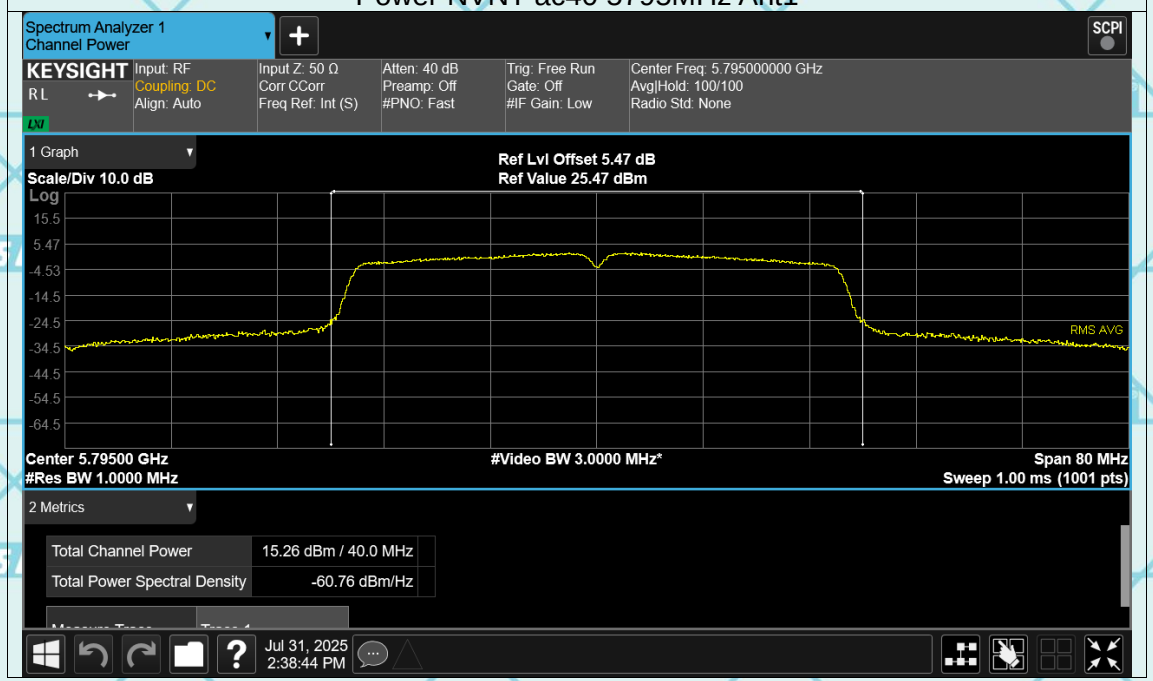
Power NVNT ac40 5670MHz Ant1



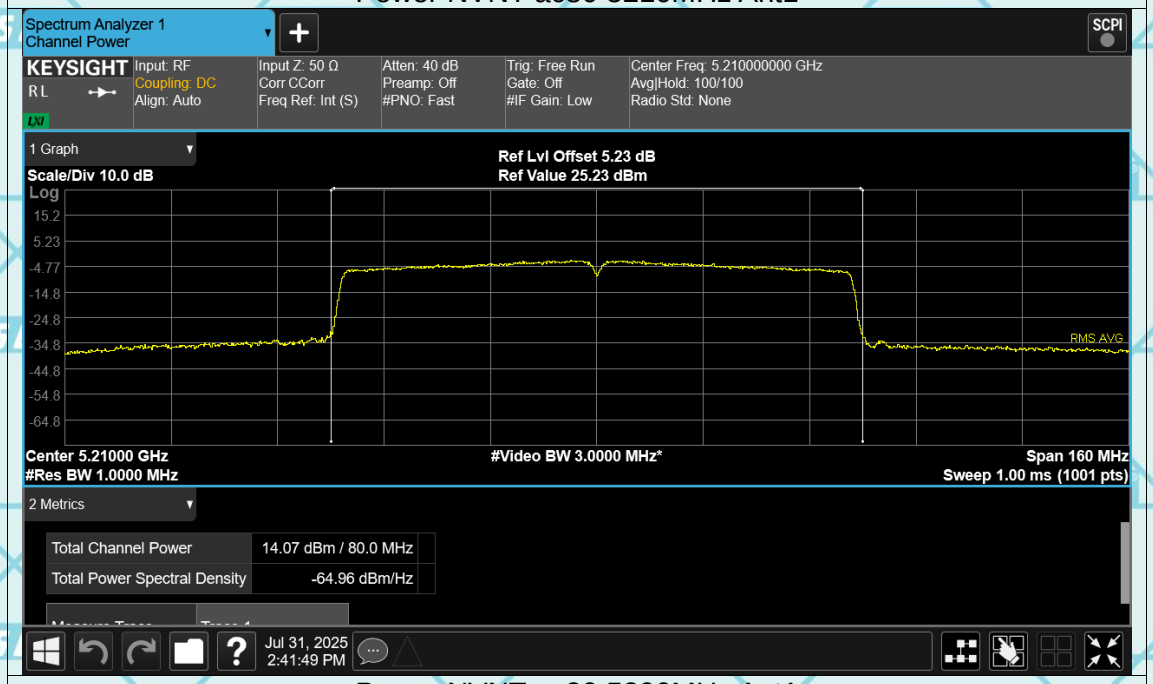
Power NVNT ac40 5755MHz Ant1



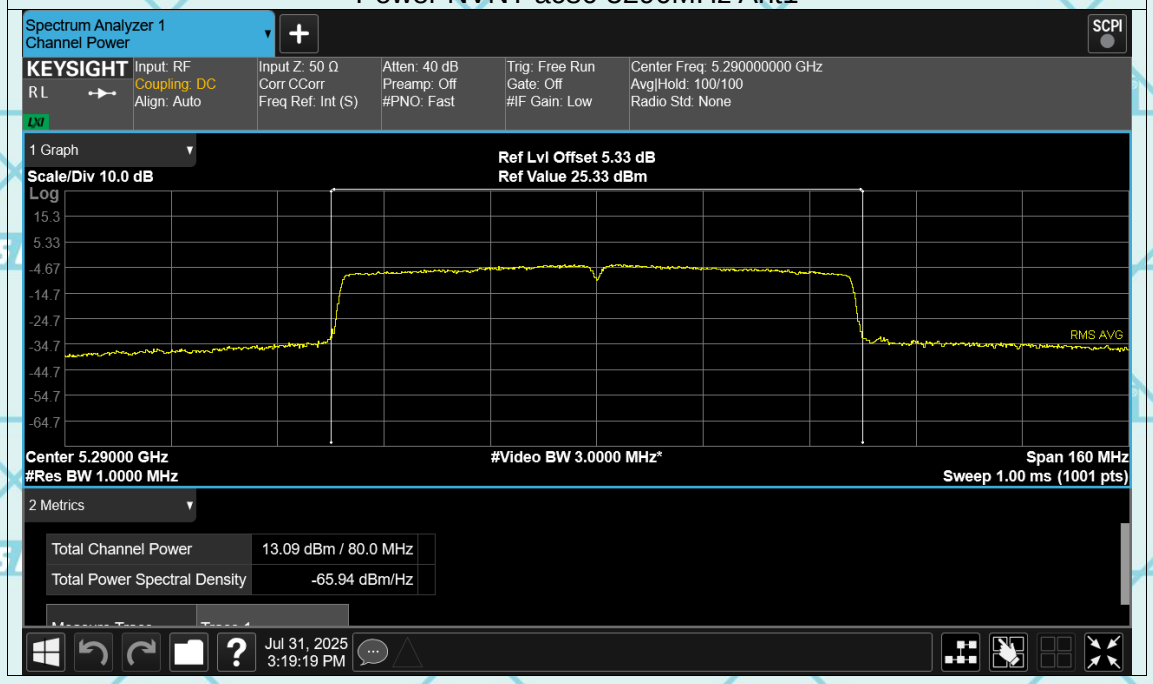
Power NVNT ac40 5795MHz Ant1



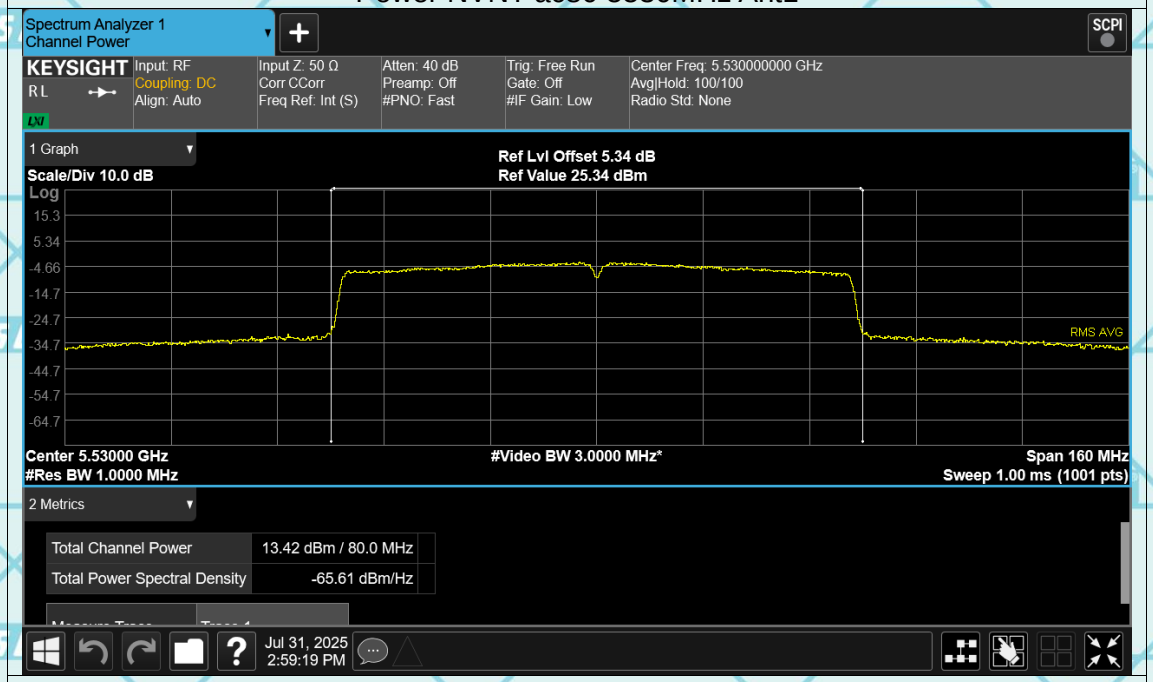
Power NVNT ac80 5210MHz Ant1



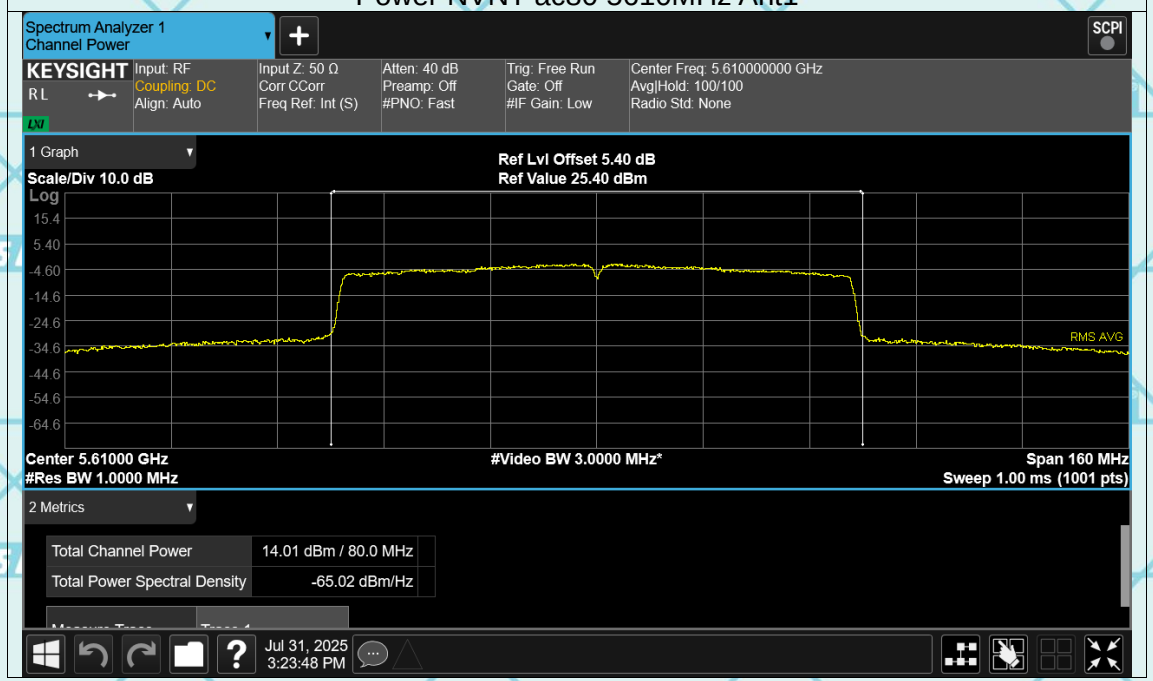
Power NVNT ac80 5290MHz Ant1



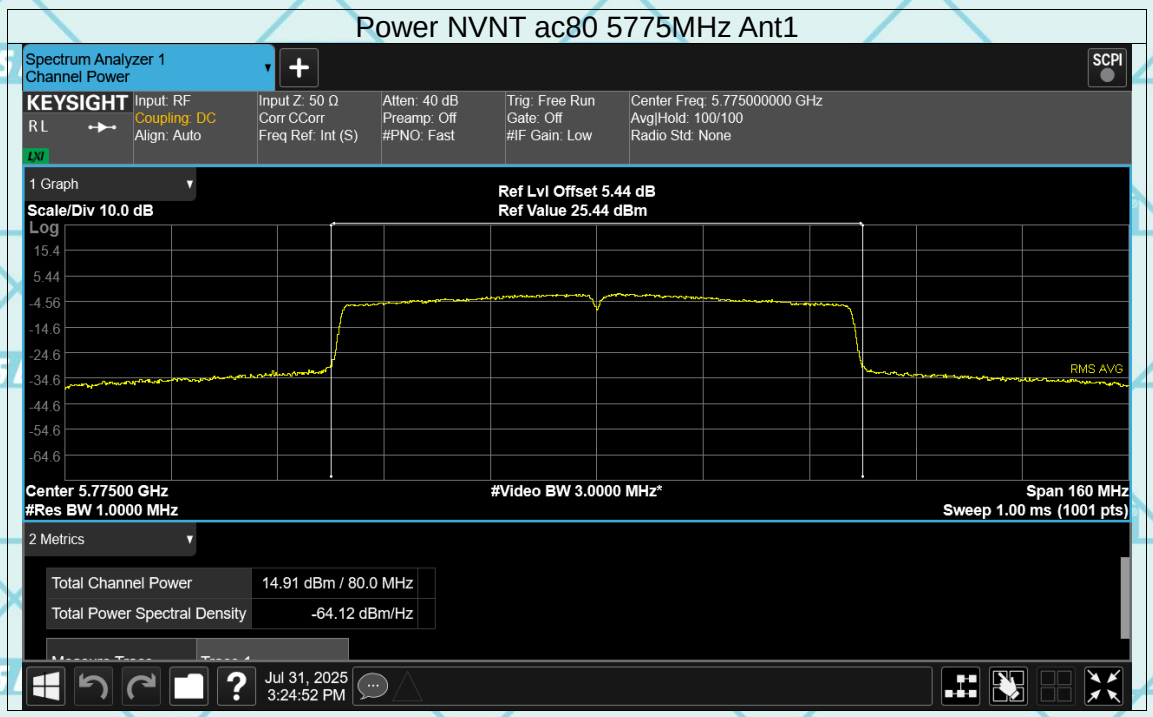
Power NVNT ac80 5530MHz Ant1



Power NVNT ac80 5610MHz Ant1



Power NVNT ac80 5775MHz Ant1



7.7 POWER SPECTRAL DENSITY

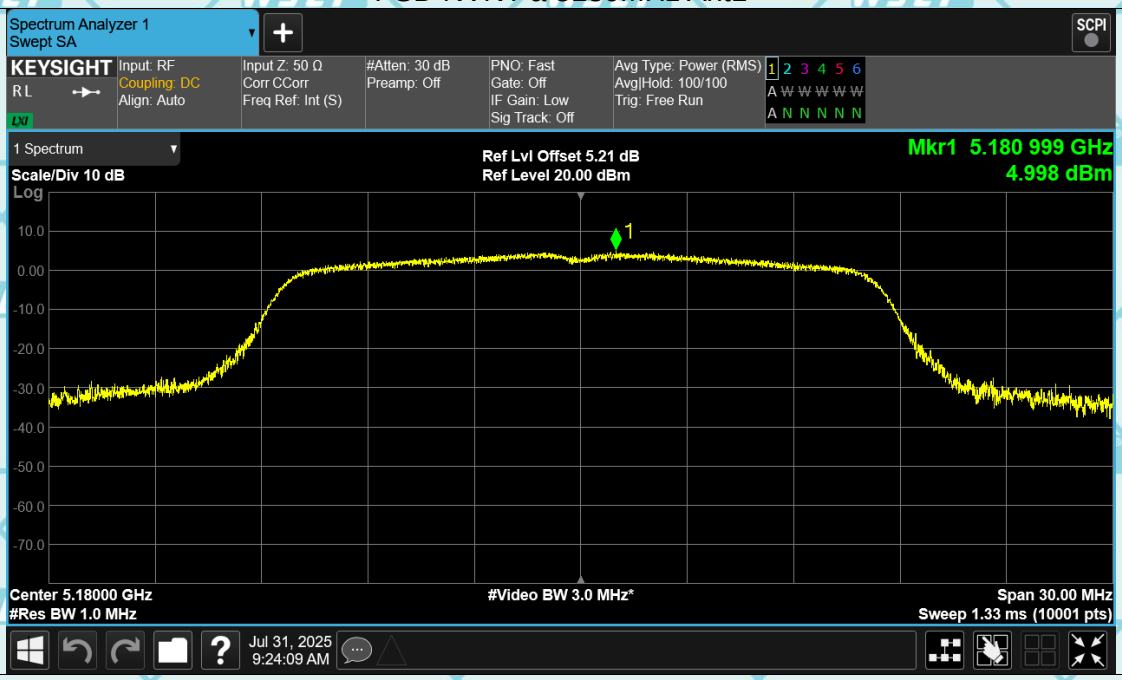
Product	: EUT-Sample	Test Mode	: See section 3.4
Test Item	: Power Spectral Density	Temperature	: 25 ℃
Test Voltage	: DC 3.92V	Humidity	: 56%RH
Test Result	: PASS		

Total PSD=Conducted PSD + Duty Factor

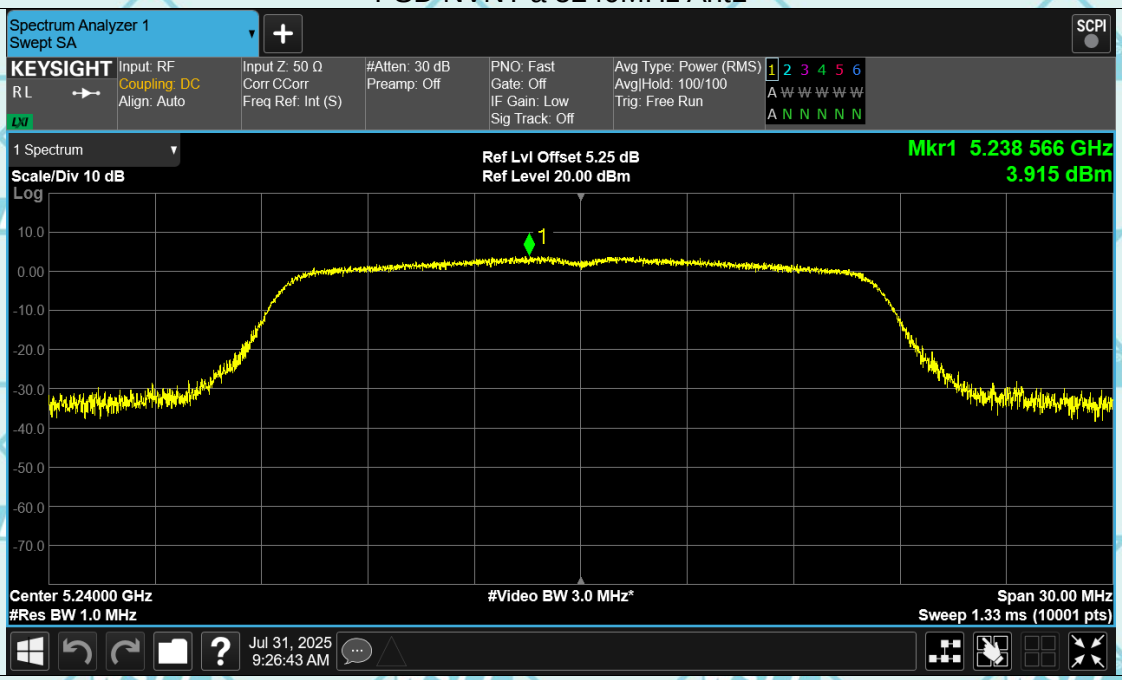
Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	4.998	0.11	5.108	11	Pass
a	5240	3.915	0.11	4.025	11	Pass
a	5260	4.365	0.11	4.475	11	Pass
a	5320	4.040	0.11	4.150	11	Pass
a	5500	4.570	0.1	4.670	11	Pass
a	5700	4.448	0.11	4.558	11	Pass
a	5745	2.177	0.11	2.287	30	Pass
a	5825	1.963	0.11	2.073	30	Pass
n20	5180	5.445	0.12	5.565	11	Pass
n20	5240	5.171	0.12	5.291	11	Pass
n20	5260	4.693	0.12	4.813	11	Pass
n20	5320	4.533	0.12	4.653	11	Pass
n20	5500	5.160	0.11	5.270	11	Pass
n20	5700	5.190	0.12	5.310	11	Pass
n20	5745	2.689	0.12	2.809	30	Pass
n20	5825	2.247	0.12	2.367	30	Pass
n40	5190	3.370	0.22	3.590	11	Pass
n40	5230	2.789	0.21	2.999	11	Pass
n40	5270	1.920	0.21	2.130	11	Pass
n40	5310	1.914	0.22	2.134	11	Pass
n40	5510	1.897	0.22	2.117	11	Pass
n40	5670	2.667	0.21	2.877	11	Pass
n40	5755	0.475	0.22	0.695	30	Pass
n40	5795	0.421	0.22	0.641	30	Pass
ac20	5180	4.423	0.11	4.533	11	Pass
ac20	5240	3.564	0.11	3.674	11	Pass
ac20	5260	3.899	0.11	4.009	11	Pass
ac20	5320	3.783	0.11	3.893	11	Pass
ac20	5500	4.228	0.11	4.338	11	Pass
ac20	5700	4.421	0.11	4.531	11	Pass
ac20	5745	1.854	0.11	1.964	30	Pass
ac20	5825	1.507	0.11	1.617	30	Pass
ac40	5190	2.180	0.21	2.390	11	Pass
ac40	5230	1.714	0.22	1.934	11	Pass
ac40	5270	1.079	0.22	1.299	11	Pass
ac40	5310	1.021	0.21	1.231	11	Pass
ac40	5510	1.381	0	1.381	11	Pass
ac40	5670	1.751	0.21	1.961	11	Pass
ac40	5755	-0.607	0.22	-0.387	30	Pass
ac40	5795	-0.422	0.21	-0.212	30	Pass
ac80	5210	-1.685	0.42	-1.265	11	Pass
ac80	5290	-2.778	1.76	-1.018	11	Pass
ac80	5530	-2.339	0.42	-1.919	11	Pass
ac80	5610	-1.744	0	-1.744	11	Pass
ac80	5775	-3.728	0.42	-3.308	30	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1

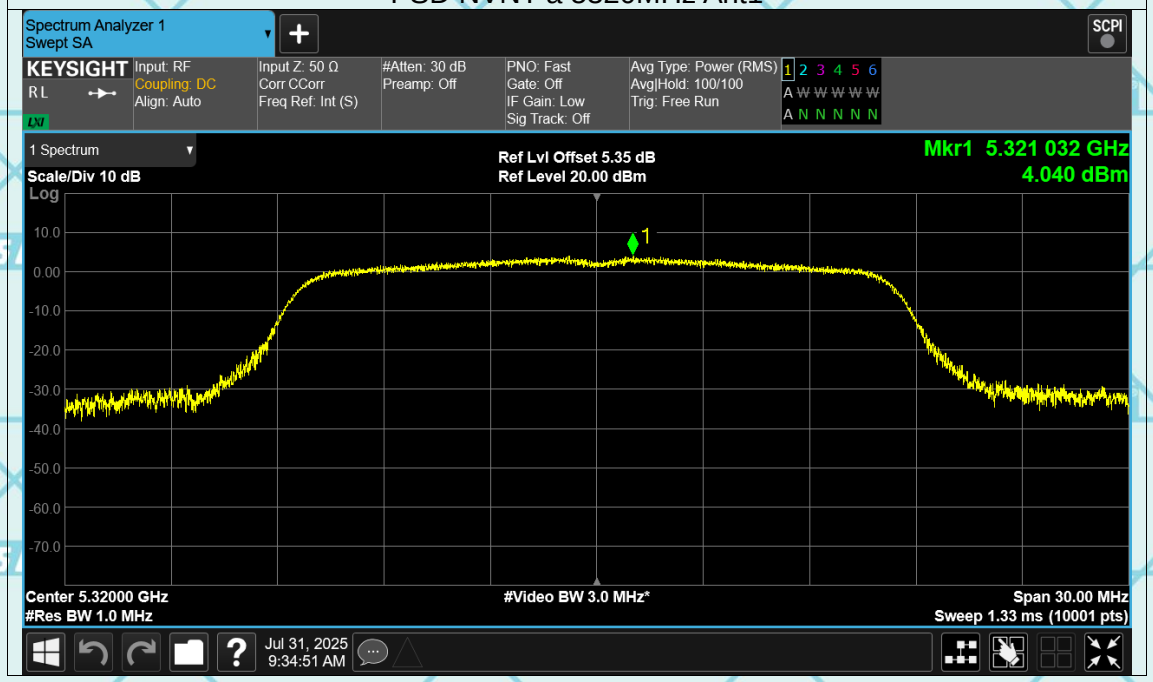


PSD NVNT a 5240MHz Ant1



PSD NVNT a 5260MHz Ant1

PSD NVNT a 5320MHz Ant1

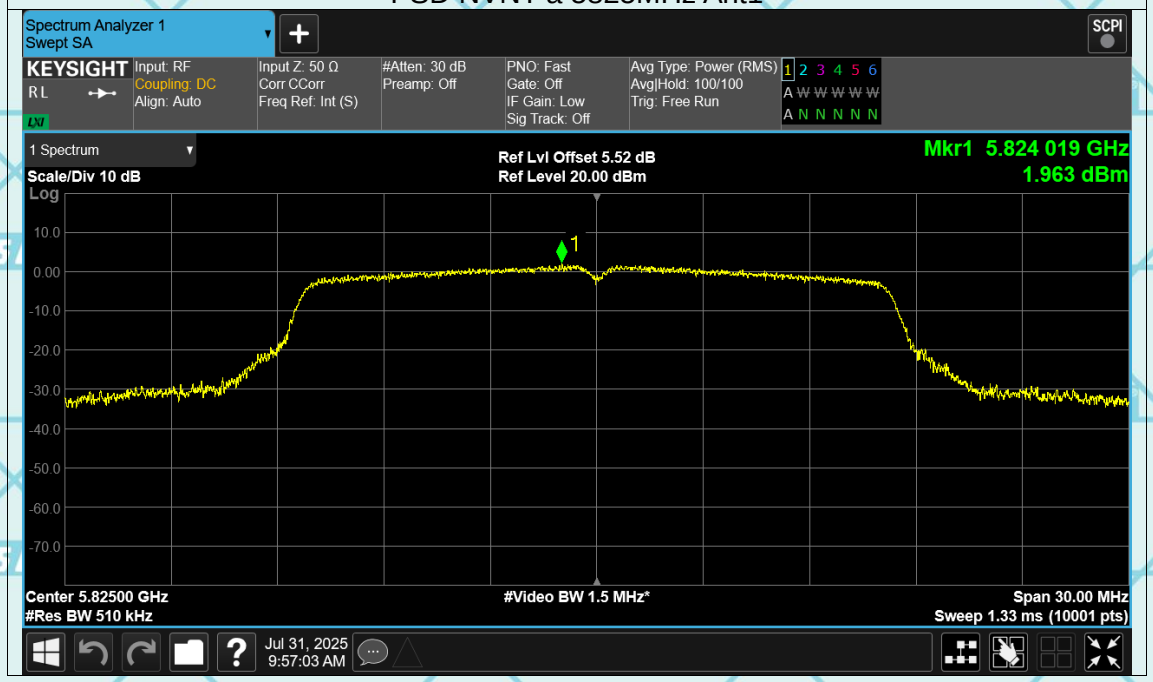


PSD NVNT a 5500MHz Ant1

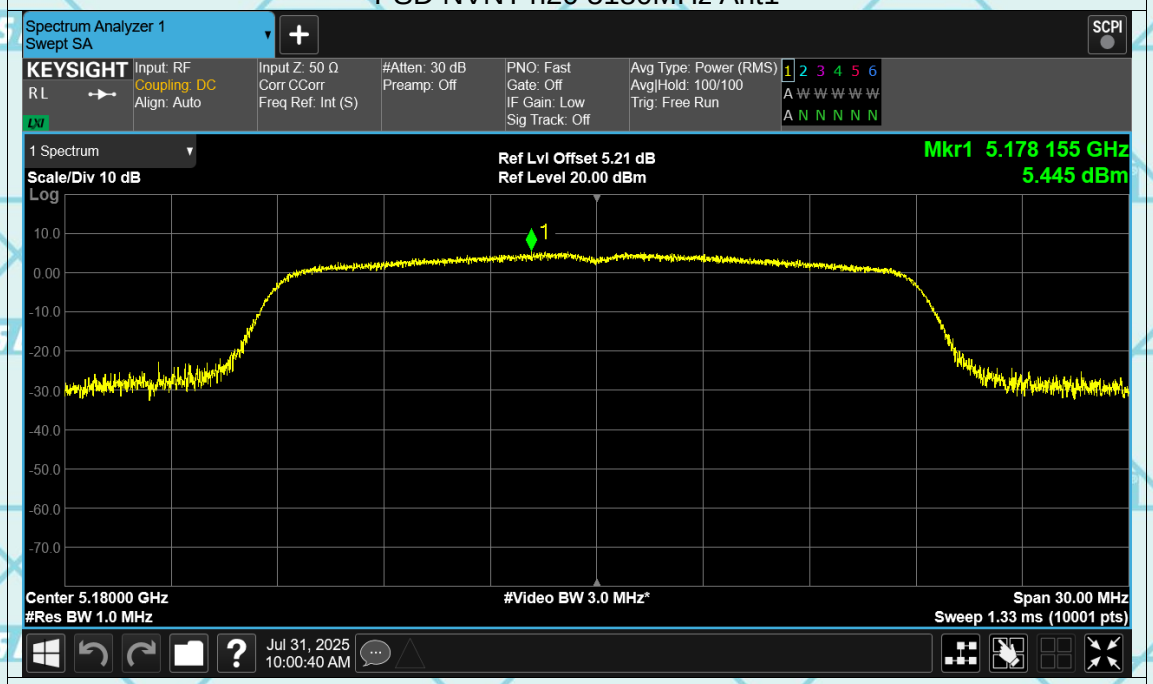
PSD NVNT a 5700MHz Ant1

PSD NVNT a 5745MHz Ant1

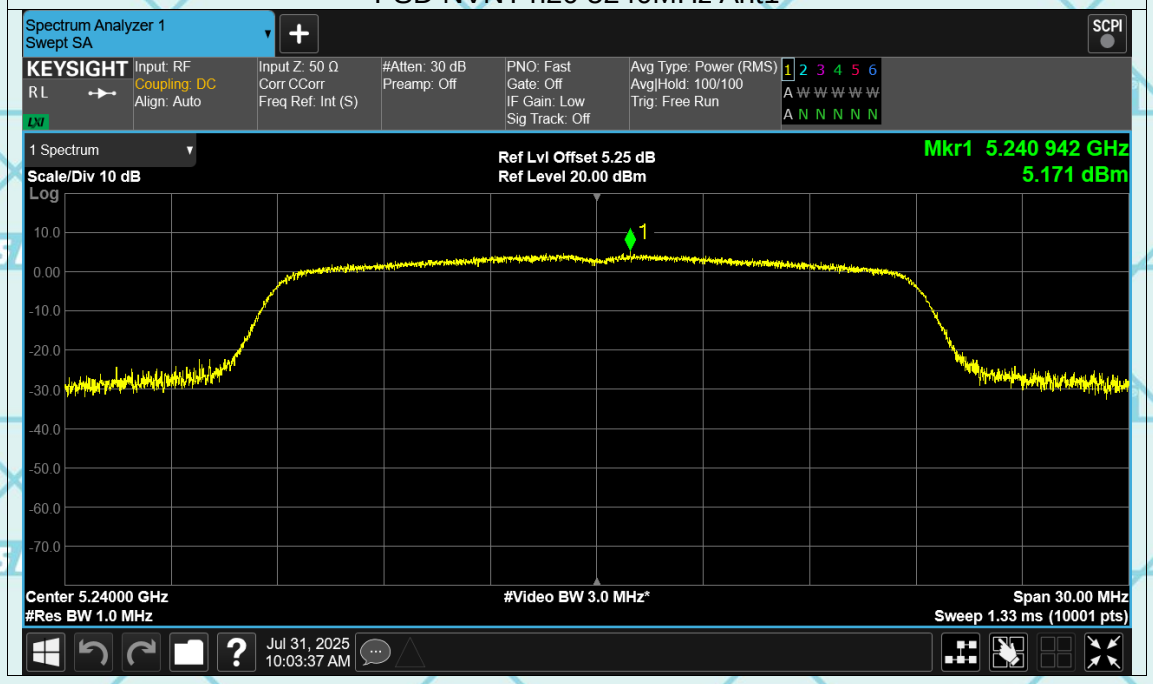
PSD NVNT a 5825MHz Ant1



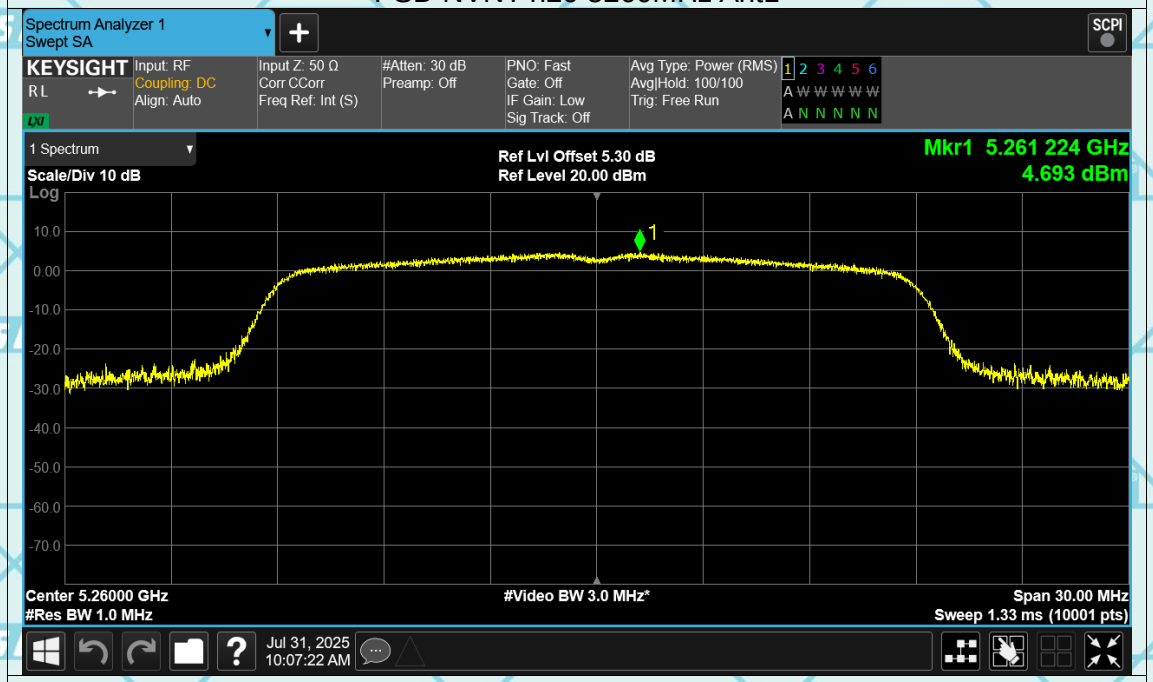
PSD NVNT n20 5180MHz Ant1



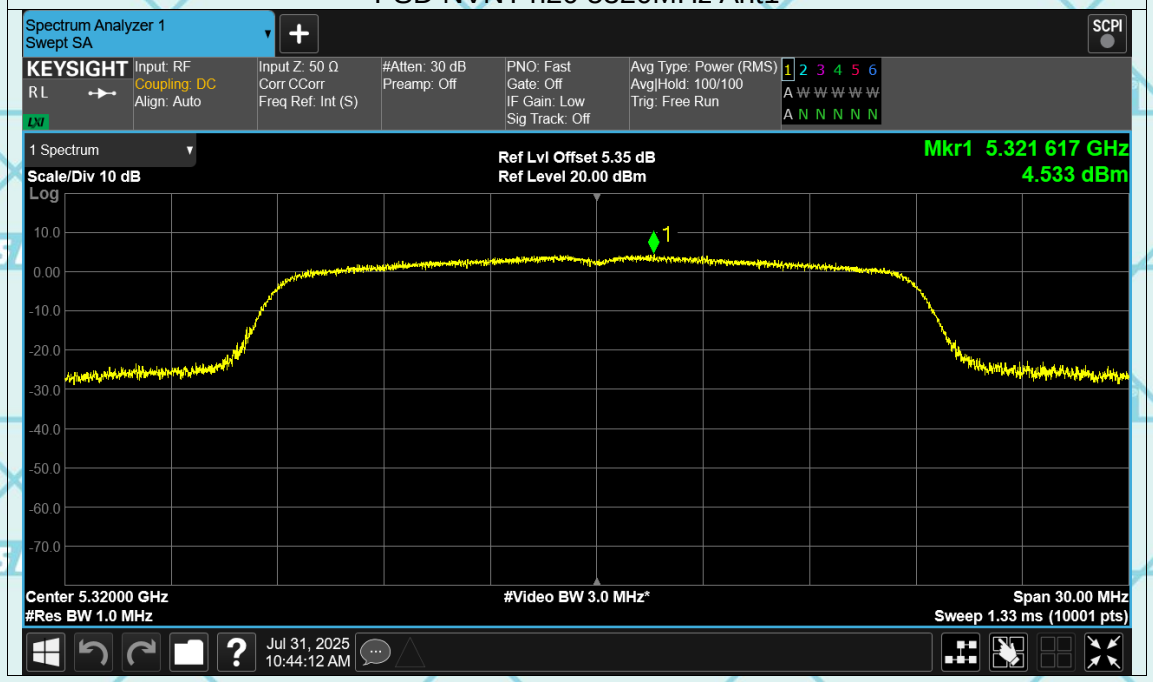
PSD NVNT n20 5240MHz Ant1



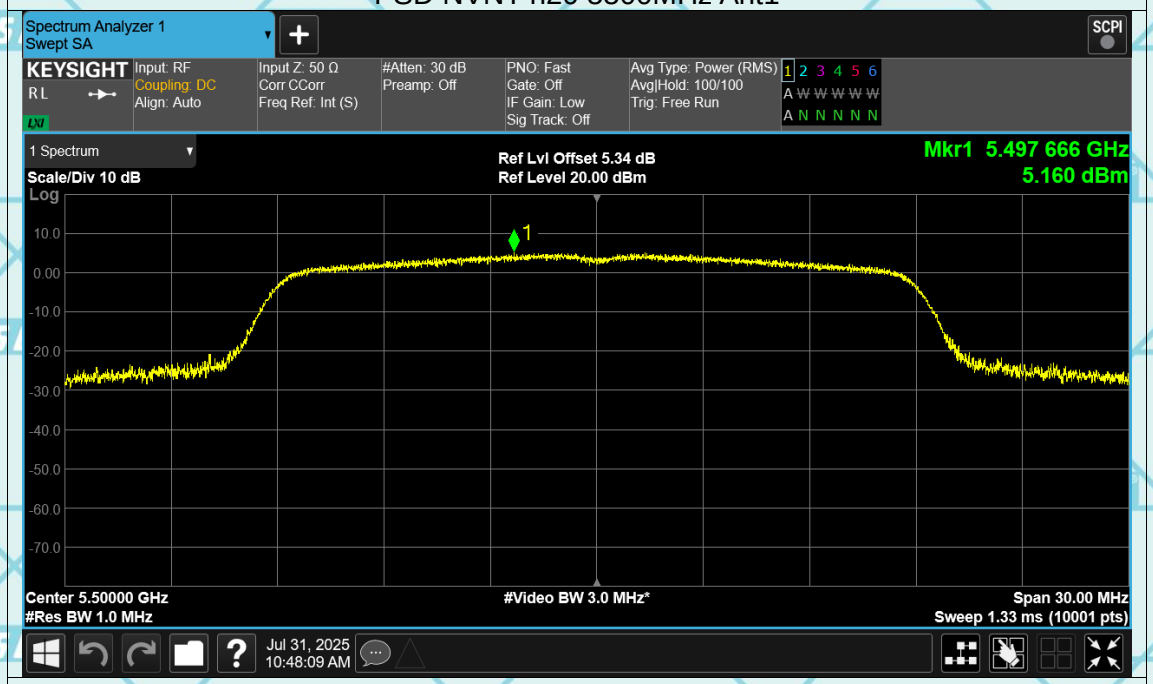
PSD NVNT n20 5260MHz Ant1



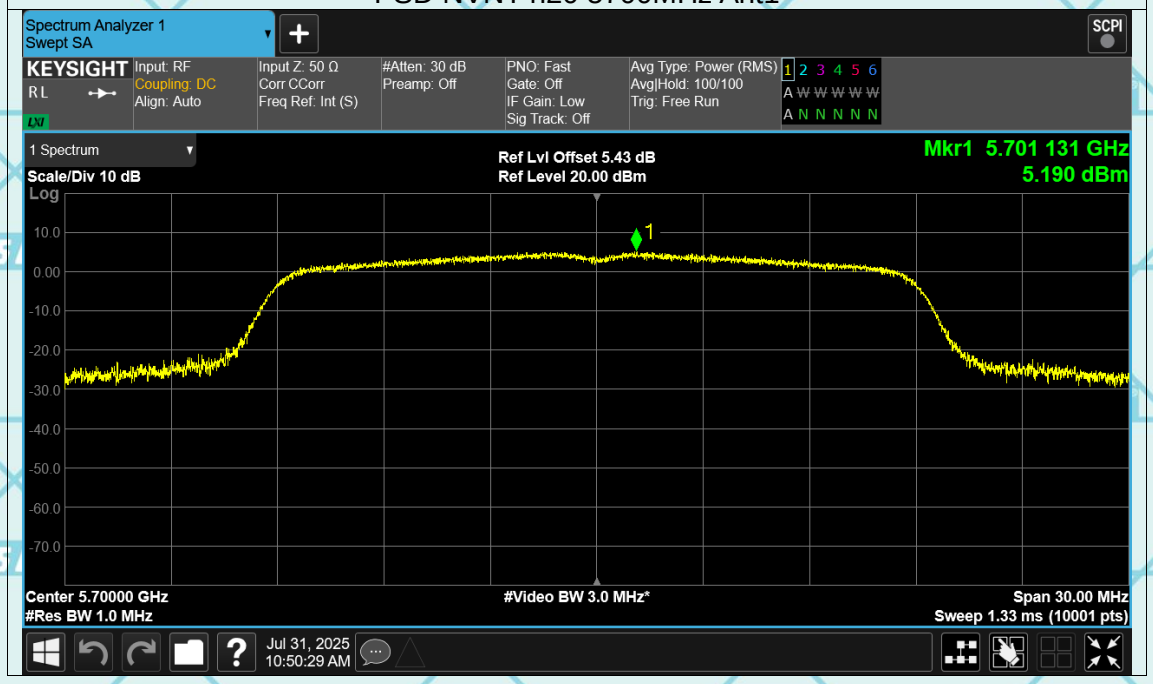
PSD NVNT n20 5320MHz Ant1



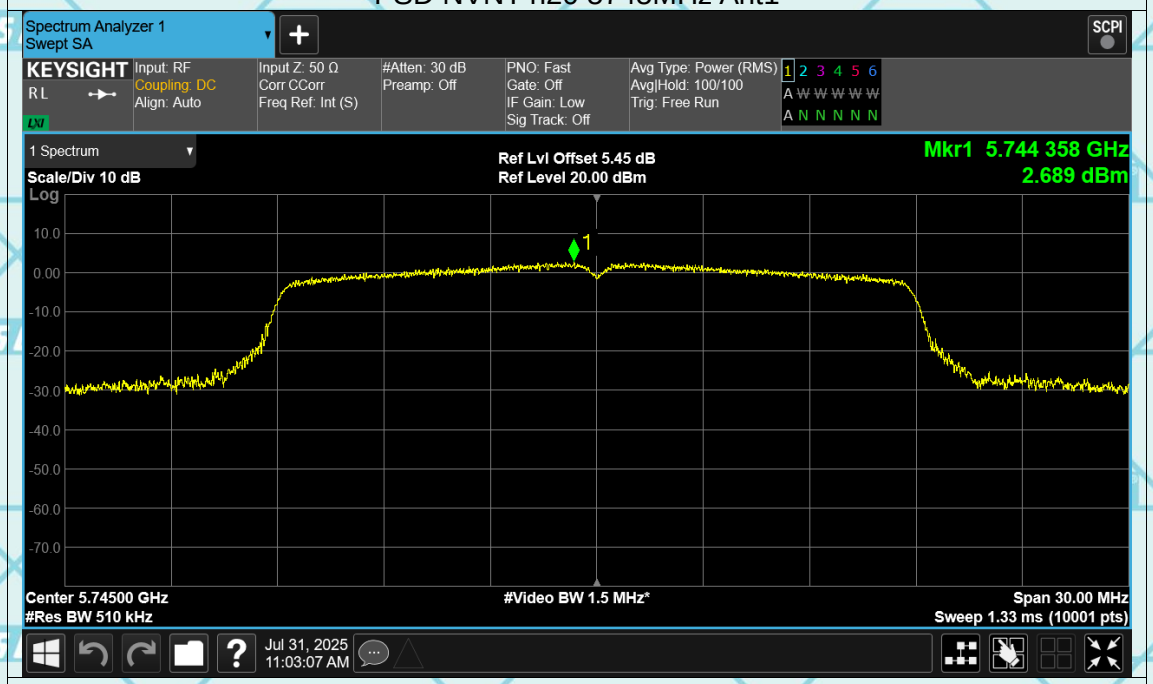
PSD NVNT n20 5500MHz Ant1



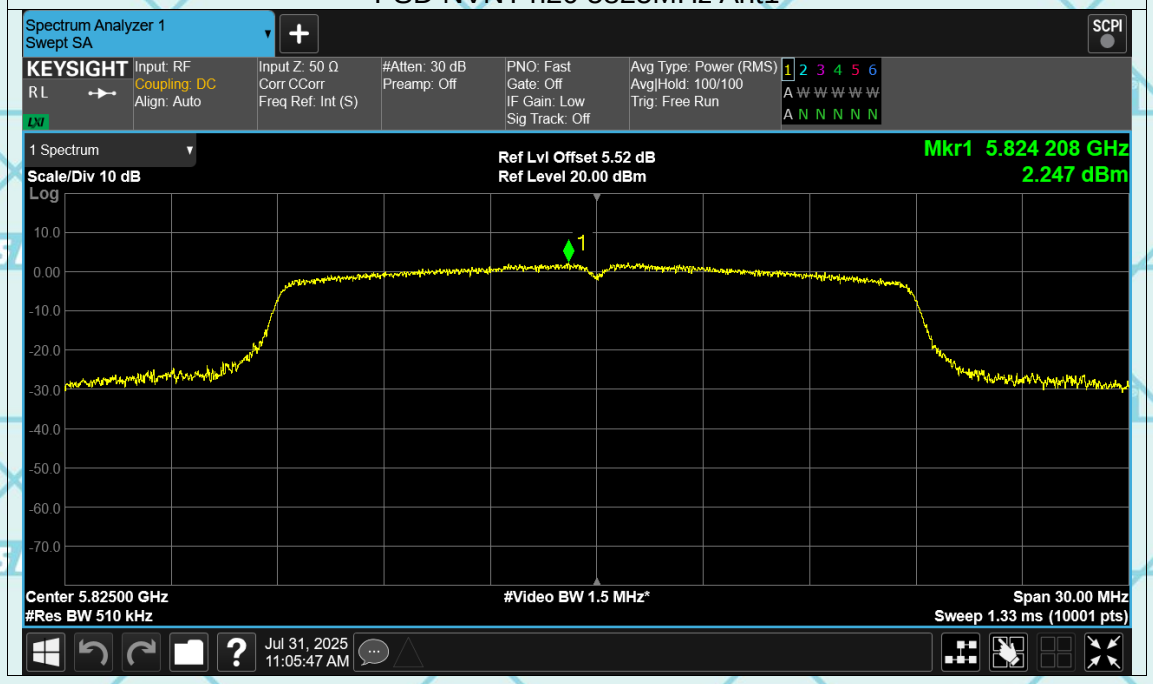
PSD NVNT n20 5700MHz Ant1



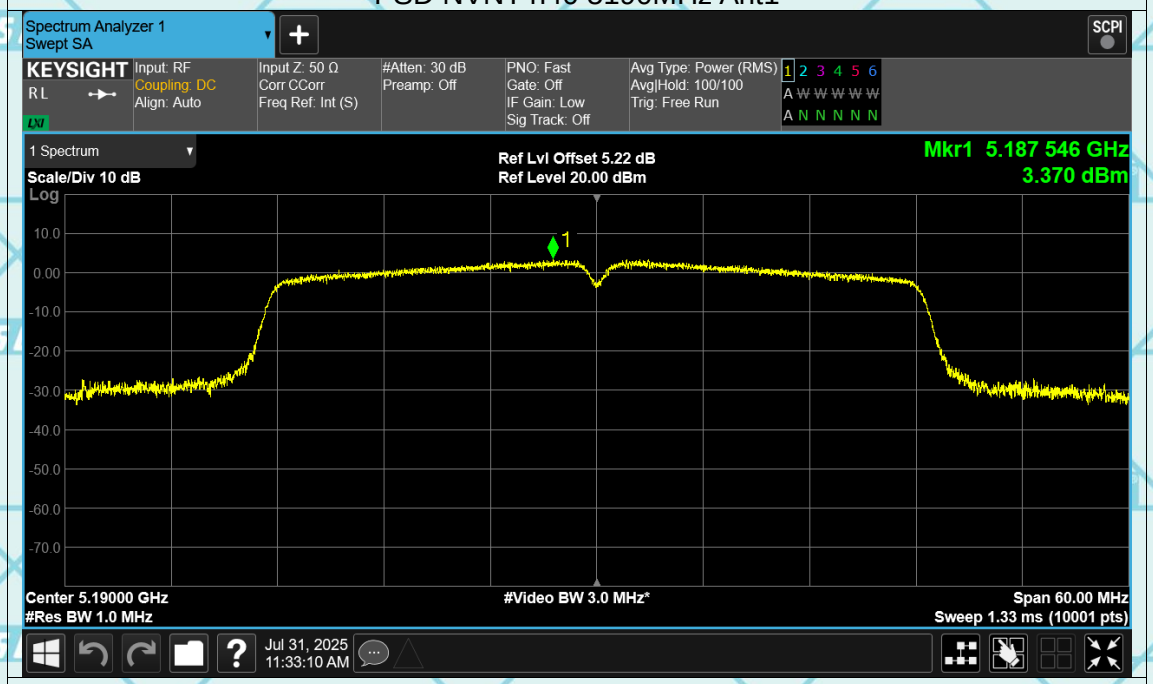
PSD NVNT n20 5745MHz Ant1



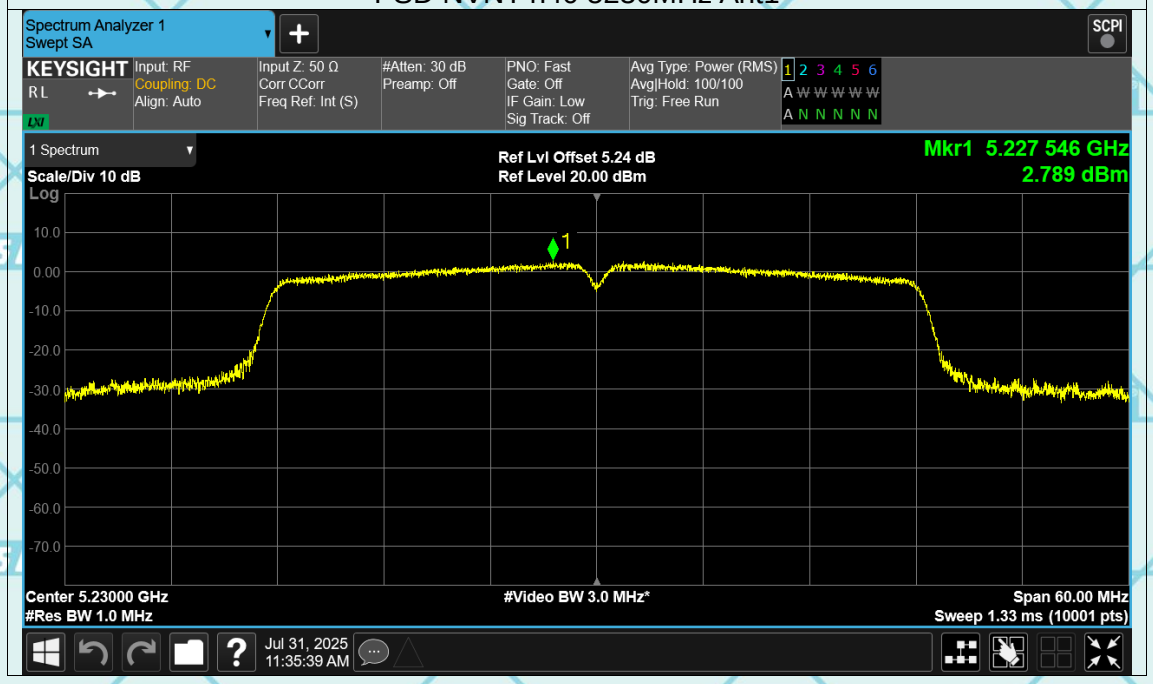
PSD NVNT n20 5825MHz Ant1



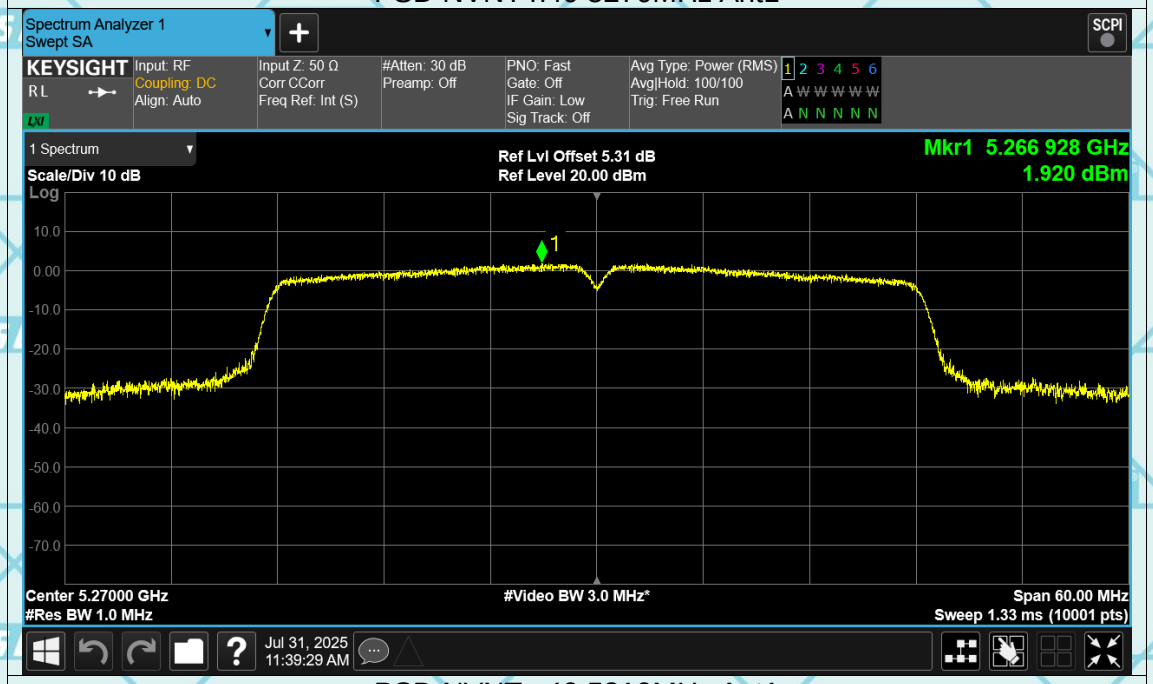
PSD NVNT n40 5190MHz Ant1



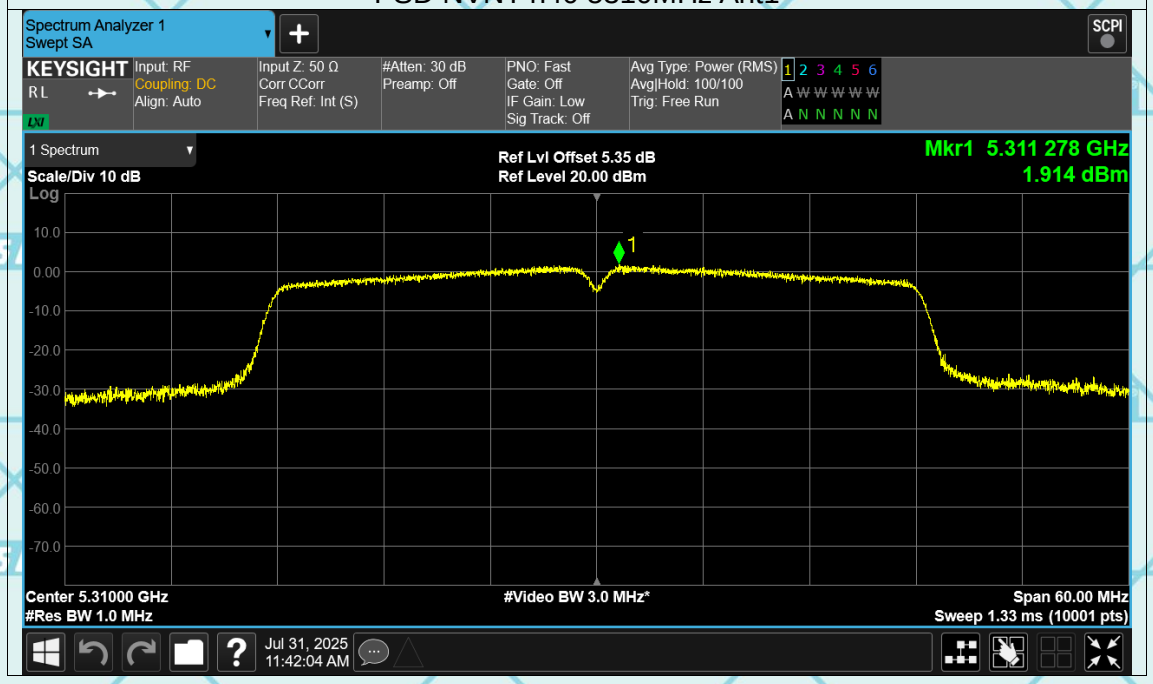
PSD NVNT n40 5230MHz Ant1



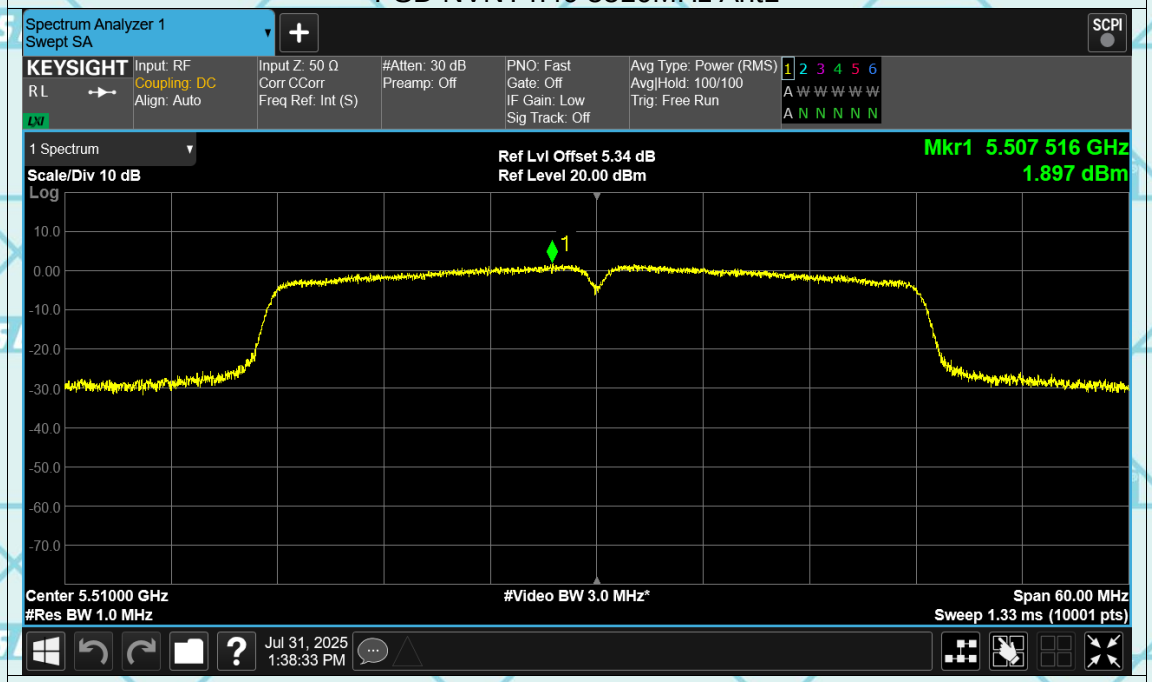
PSD NVNT n40 5270MHz Ant1



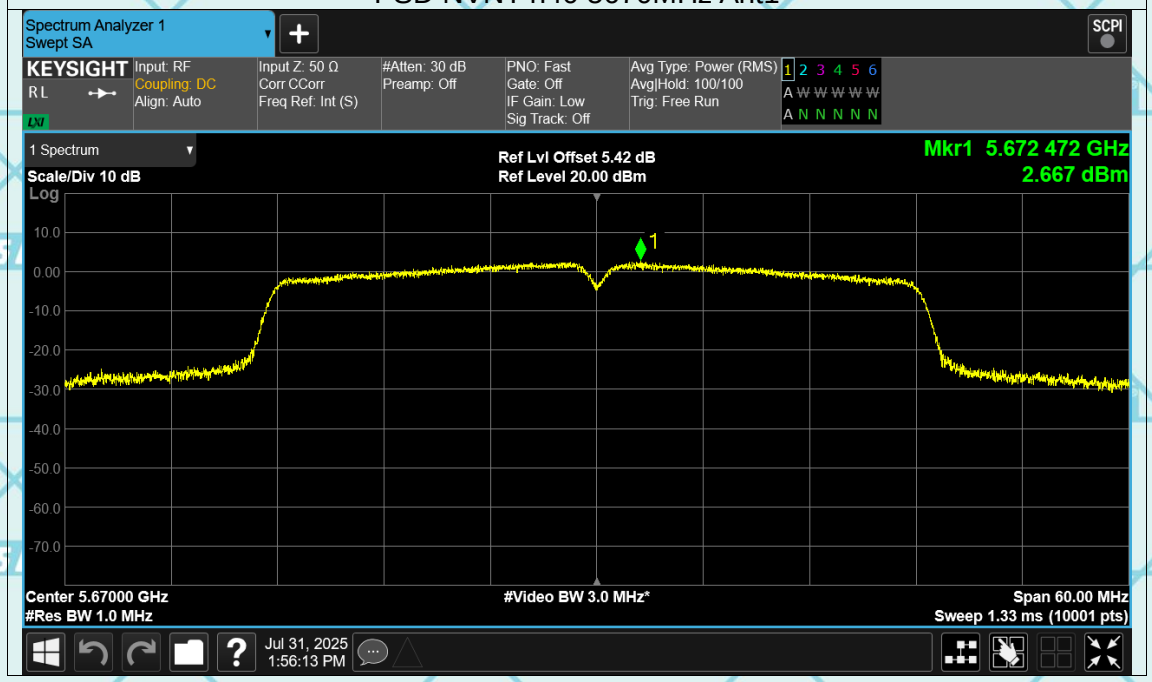
PSD NVNT n40 5310MHz Ant1



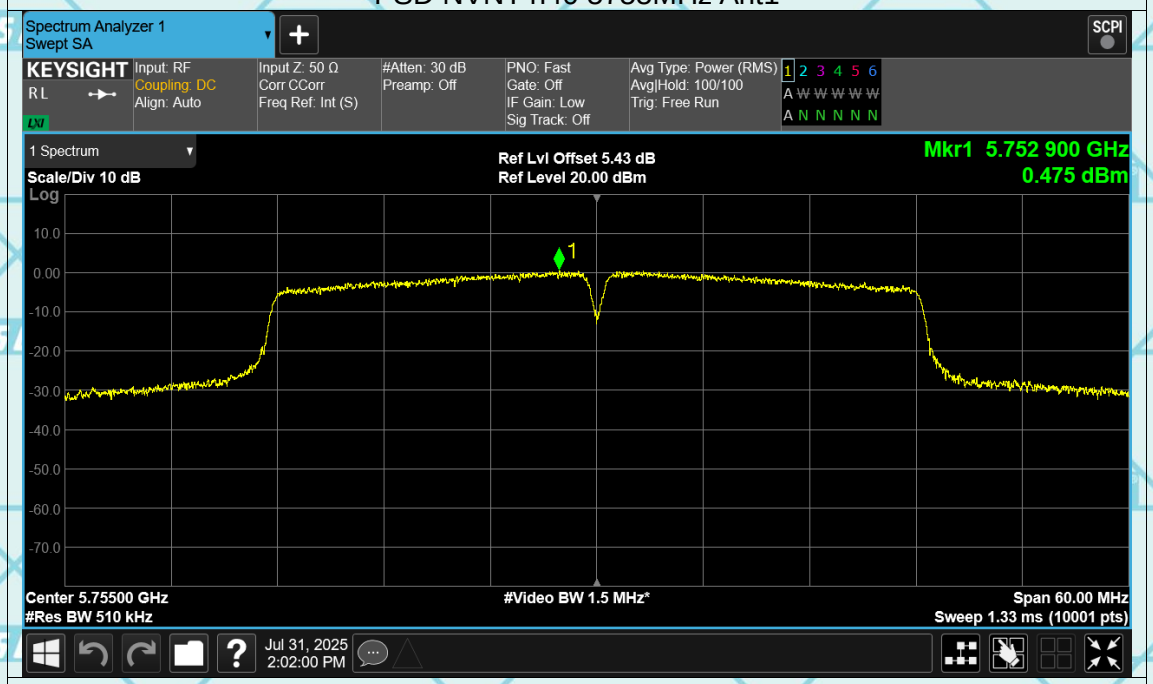
PSD NVNT n40 5510MHz Ant1



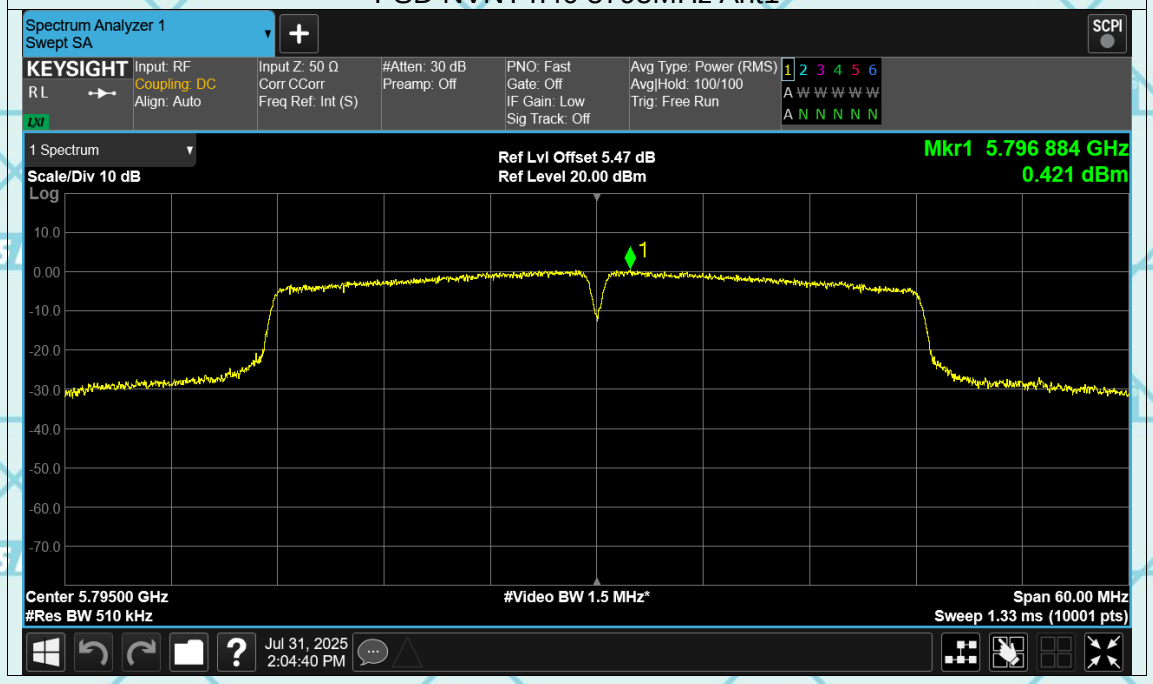
PSD NVNT n40 5670MHz Ant1



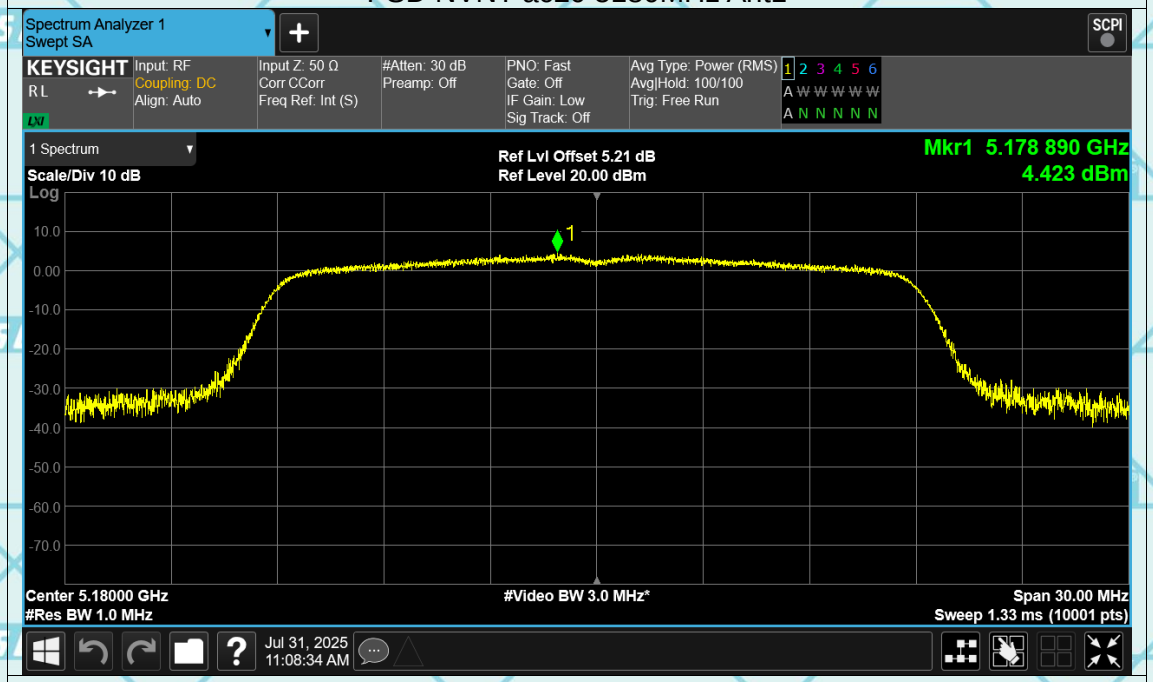
PSD NVNT n40 5755MHz Ant1



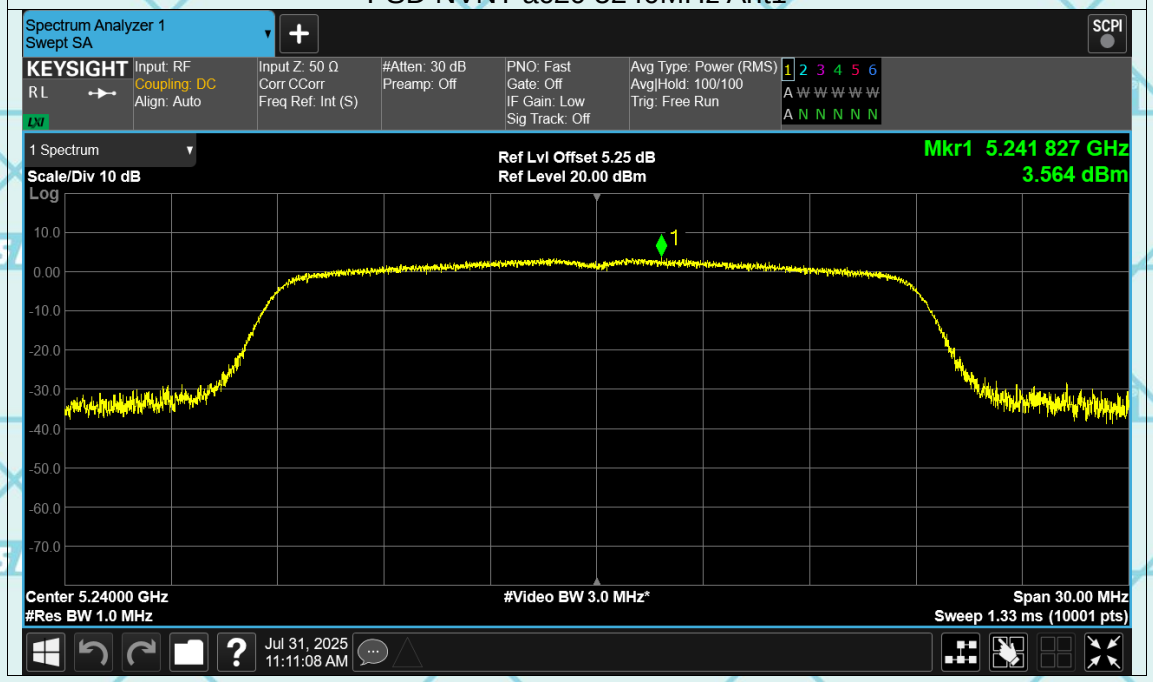
PSD NVNT n40 5795MHz Ant1



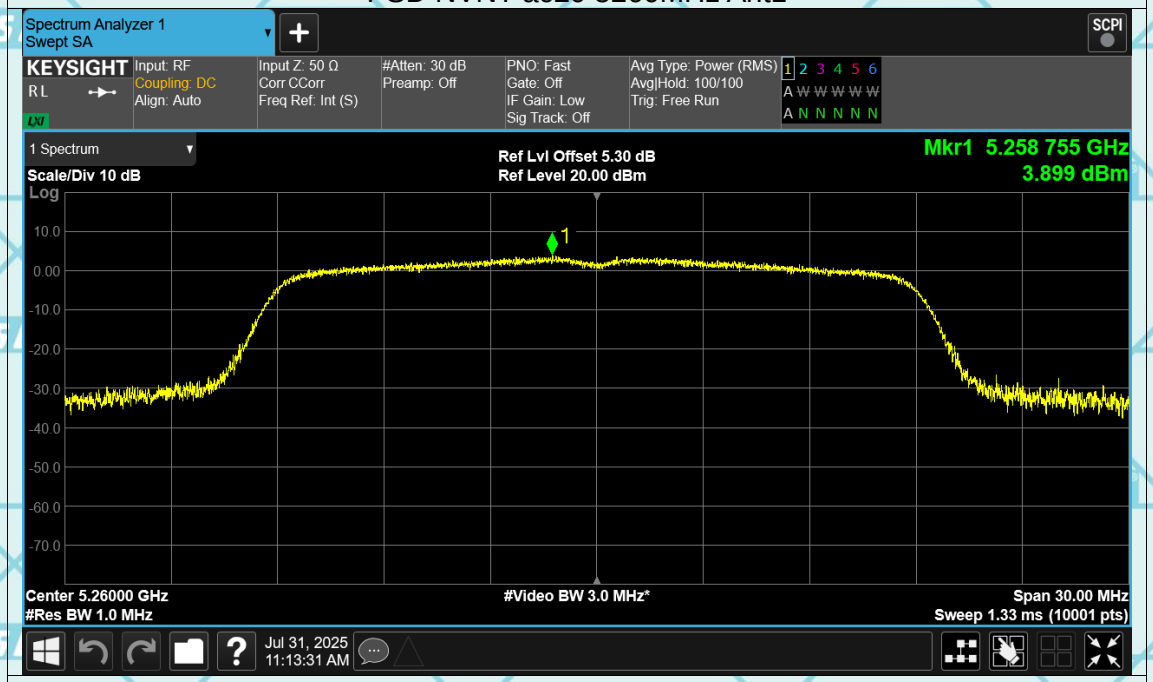
PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5240MHz Ant1

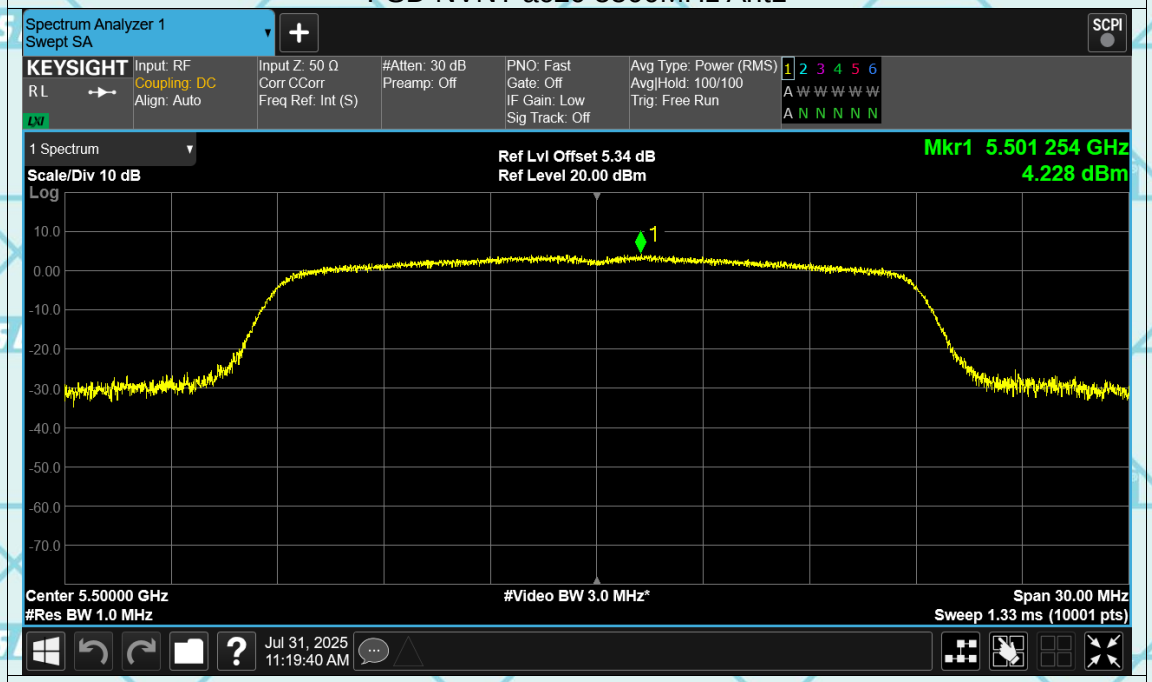


PSD NVNT ac20 5260MHz Ant1

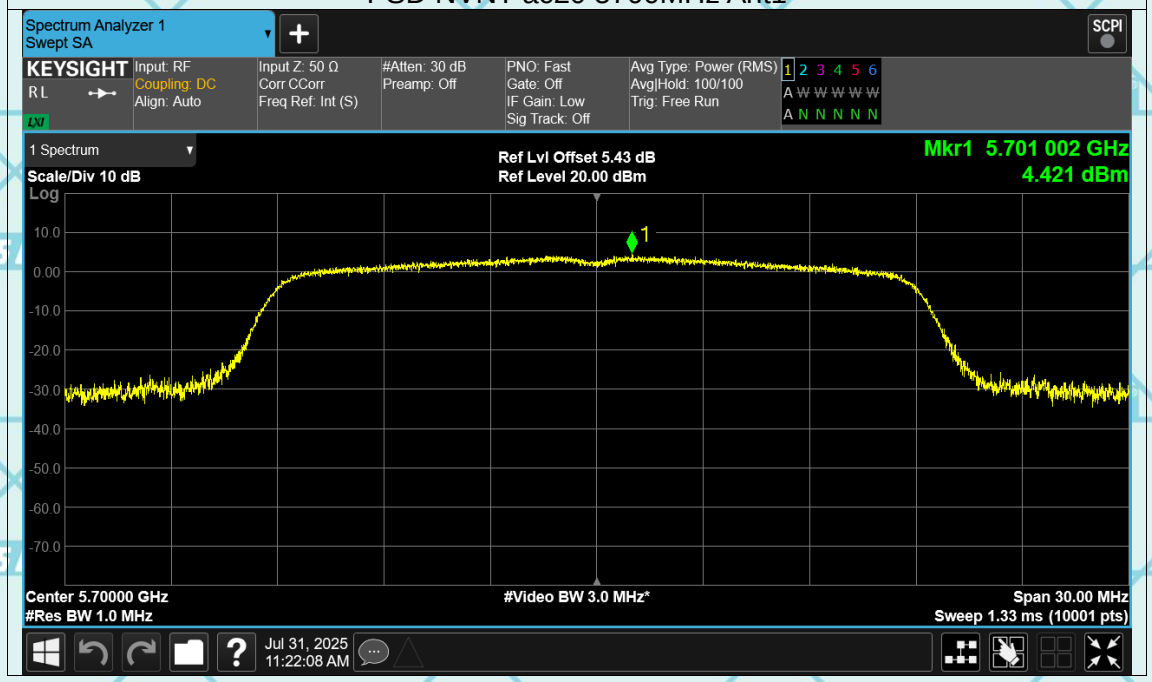


PSD NVNT ac20 5320MHz Ant1

PSD NVNT ac20 5500MHz Ant1



PSD NVNT ac20 5700MHz Ant1



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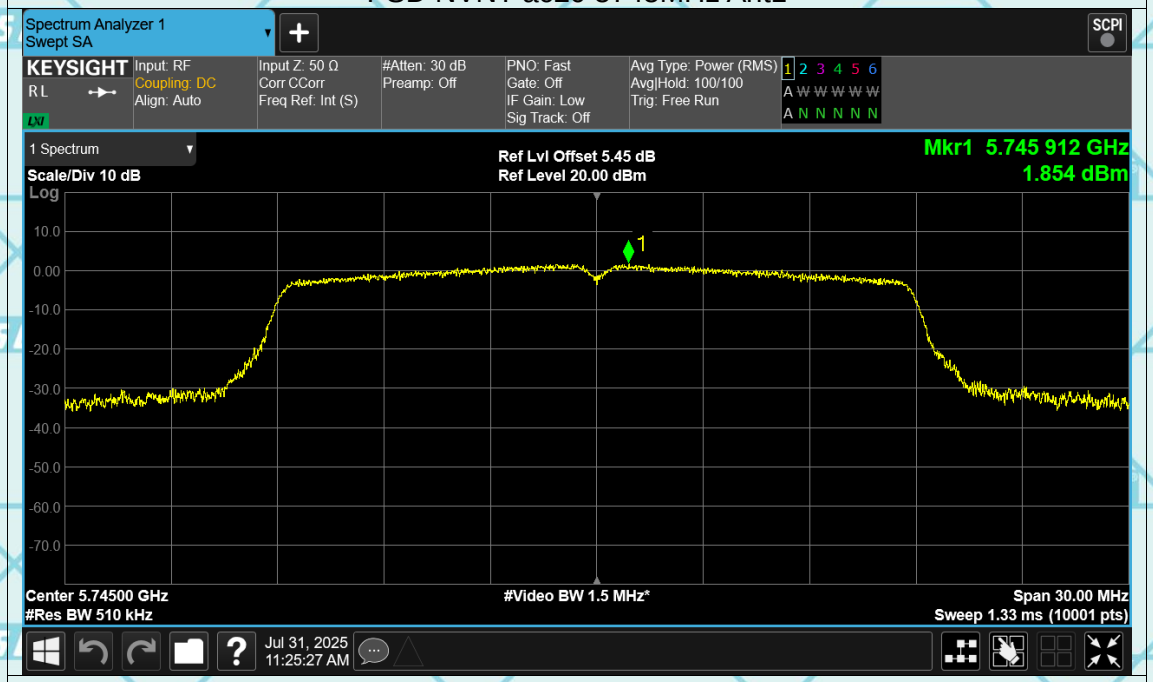
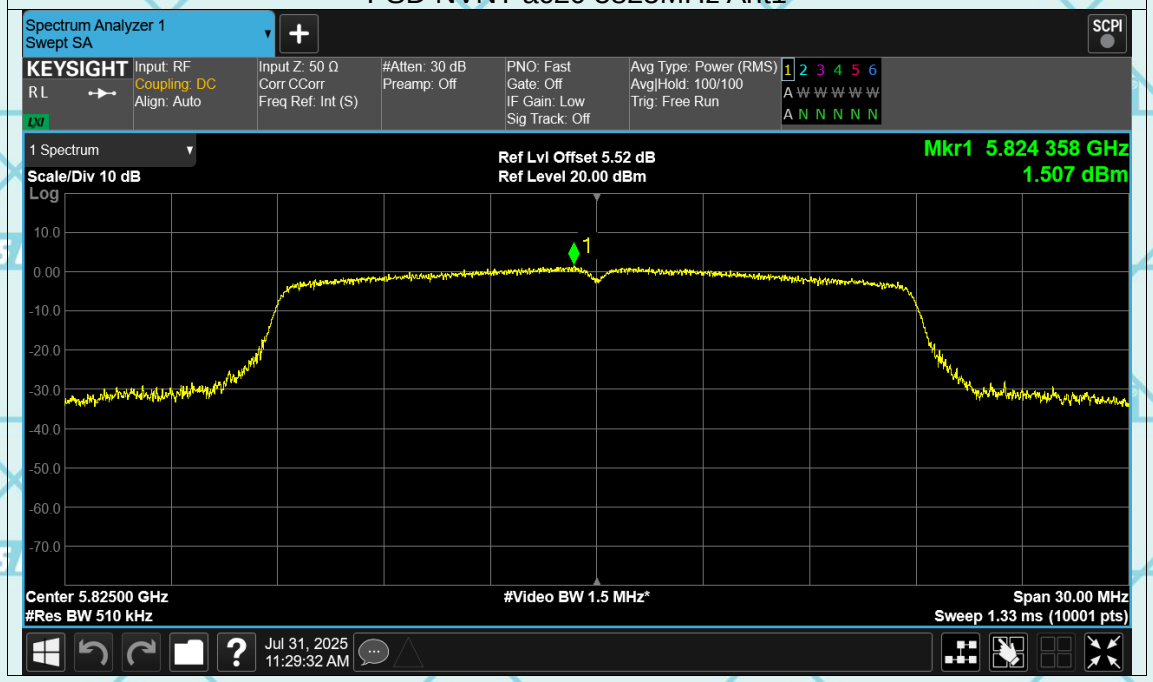
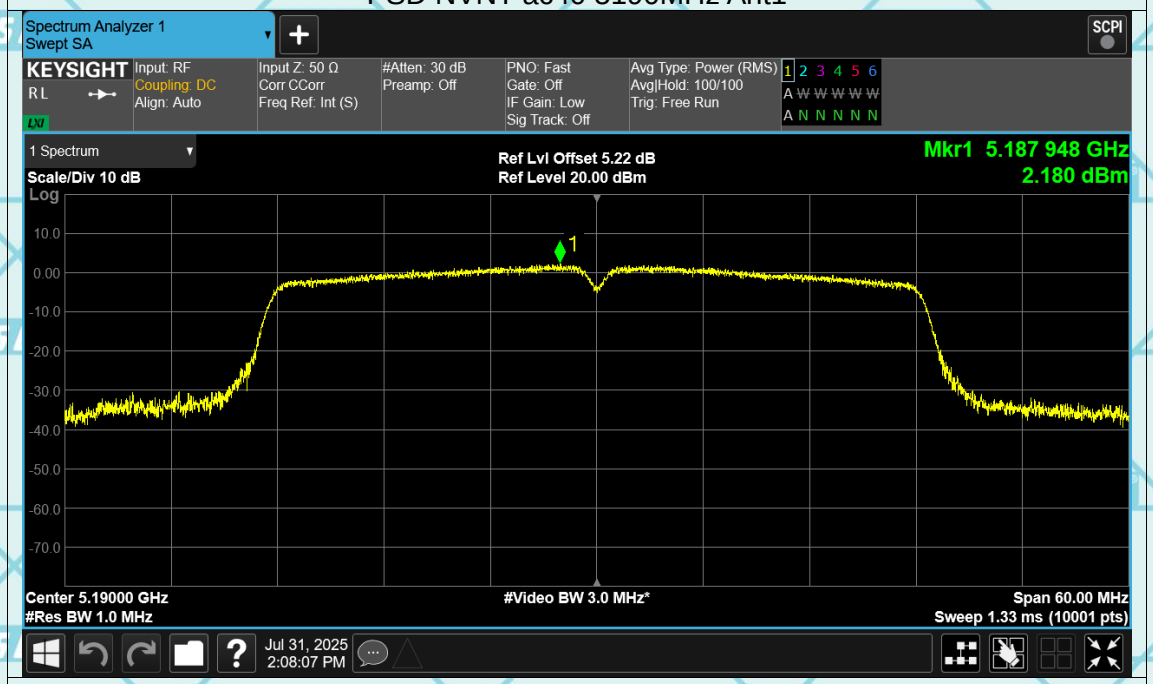


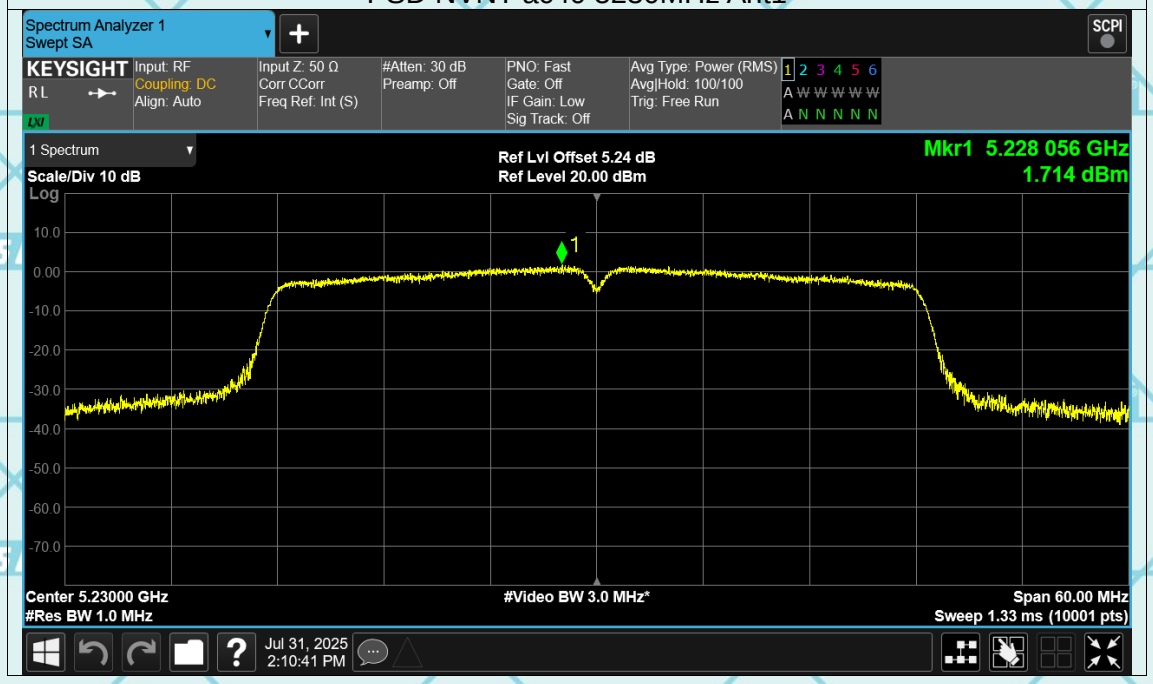
PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



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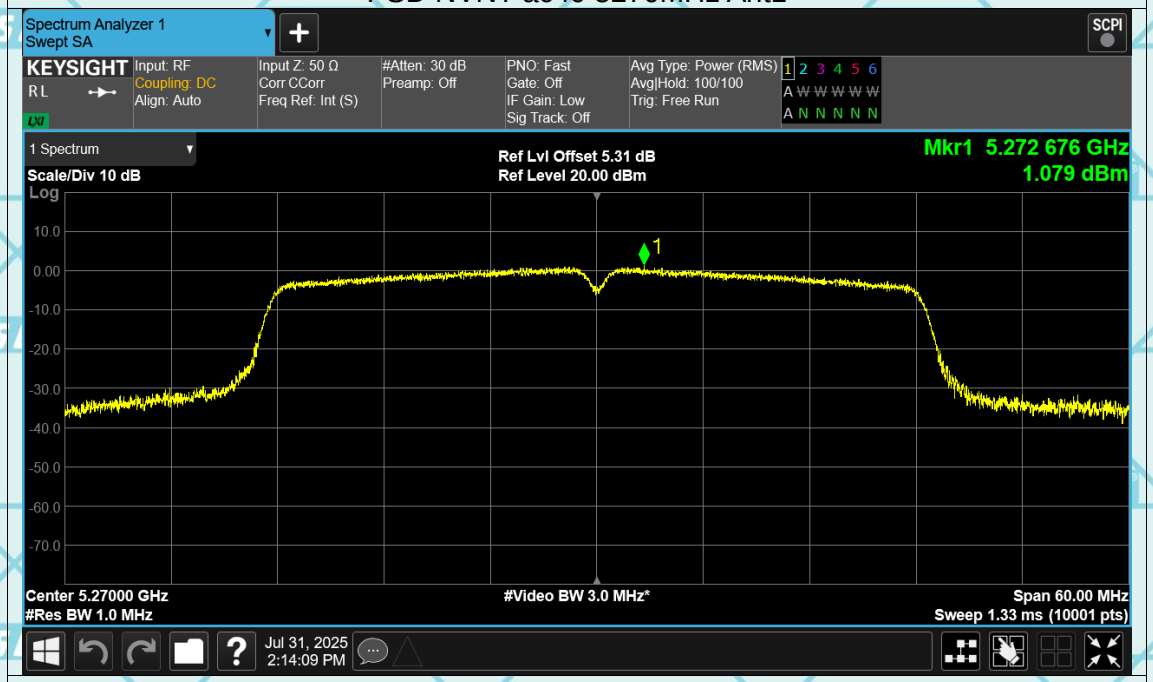
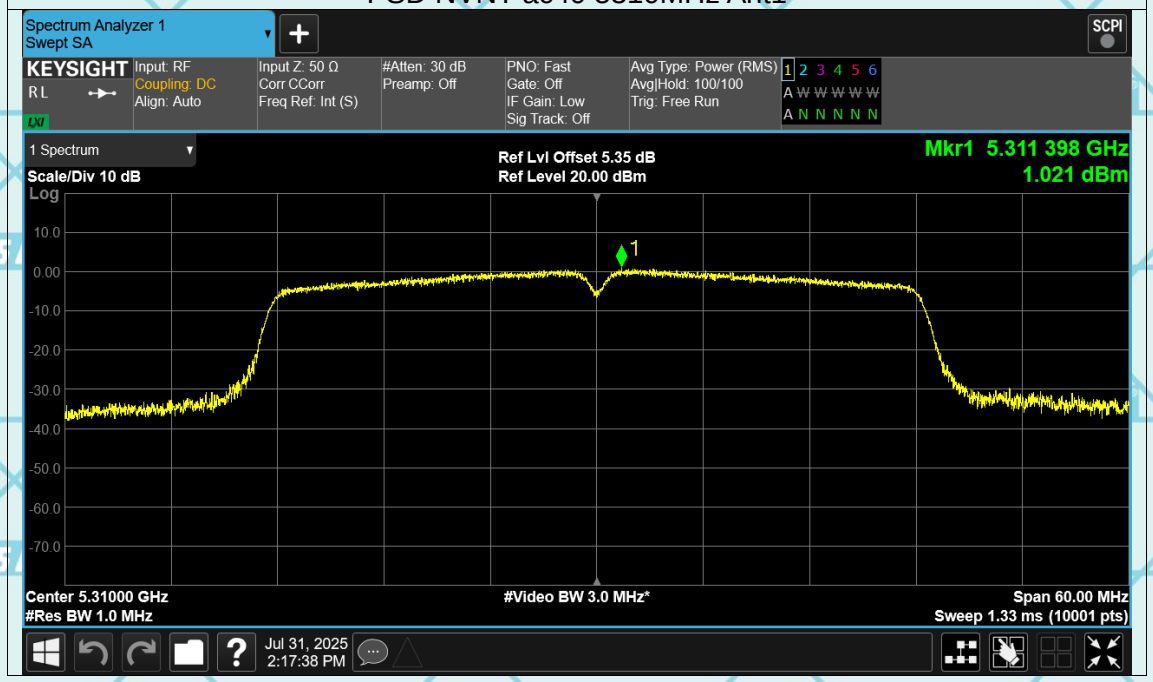
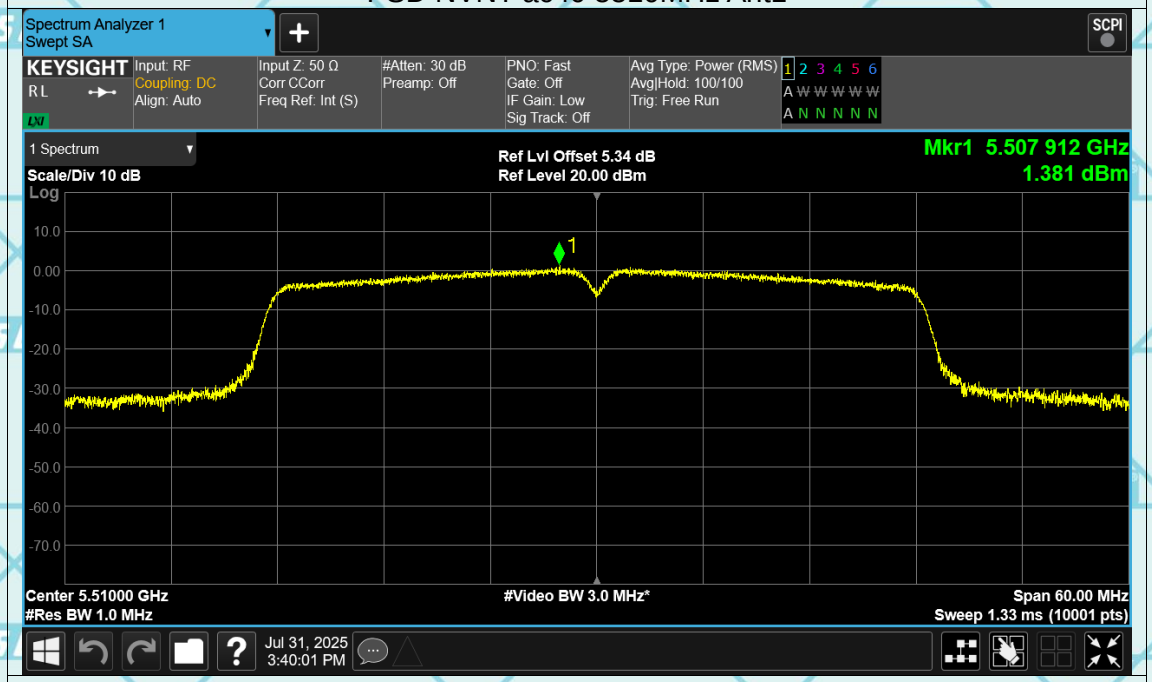


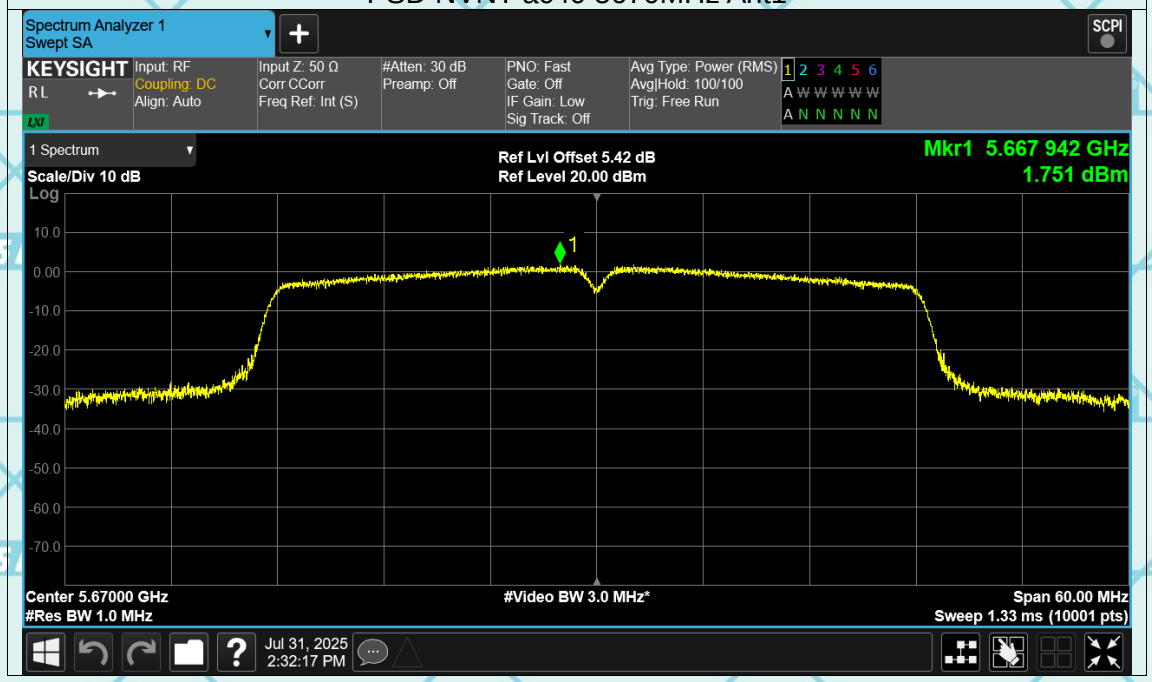
PSD NVNT ac40 5310MHz Ant1



PSD NVNT ac40 5510MHz Ant1



PSD NVNT ac40 5670MHz Ant1



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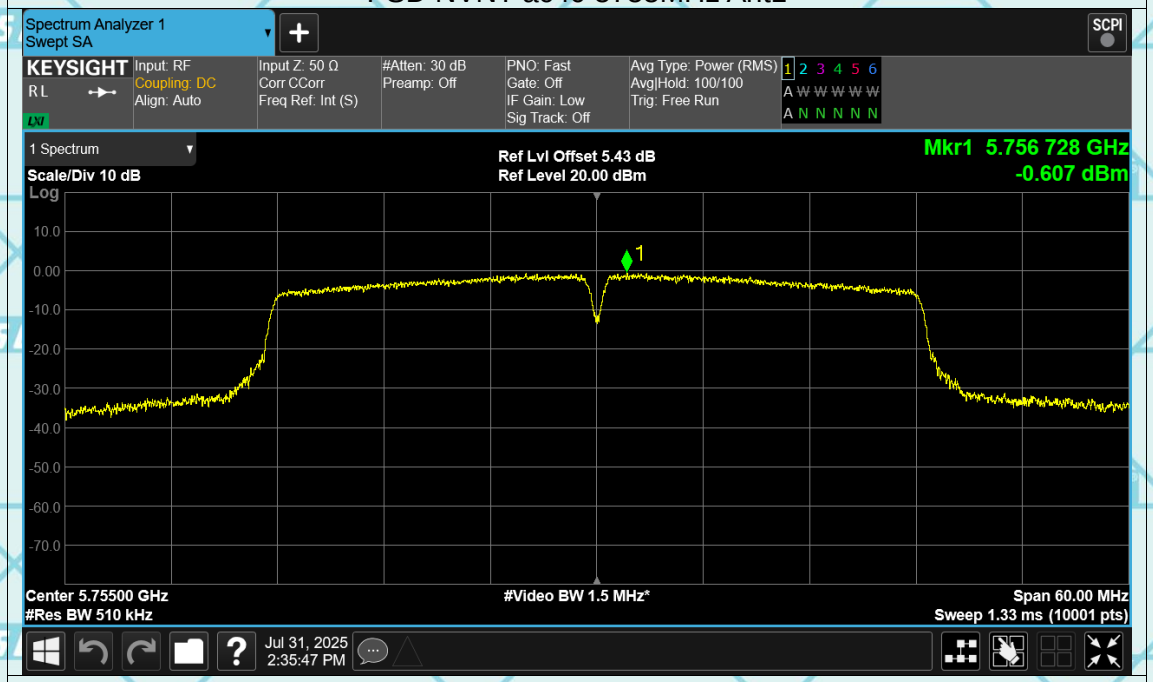
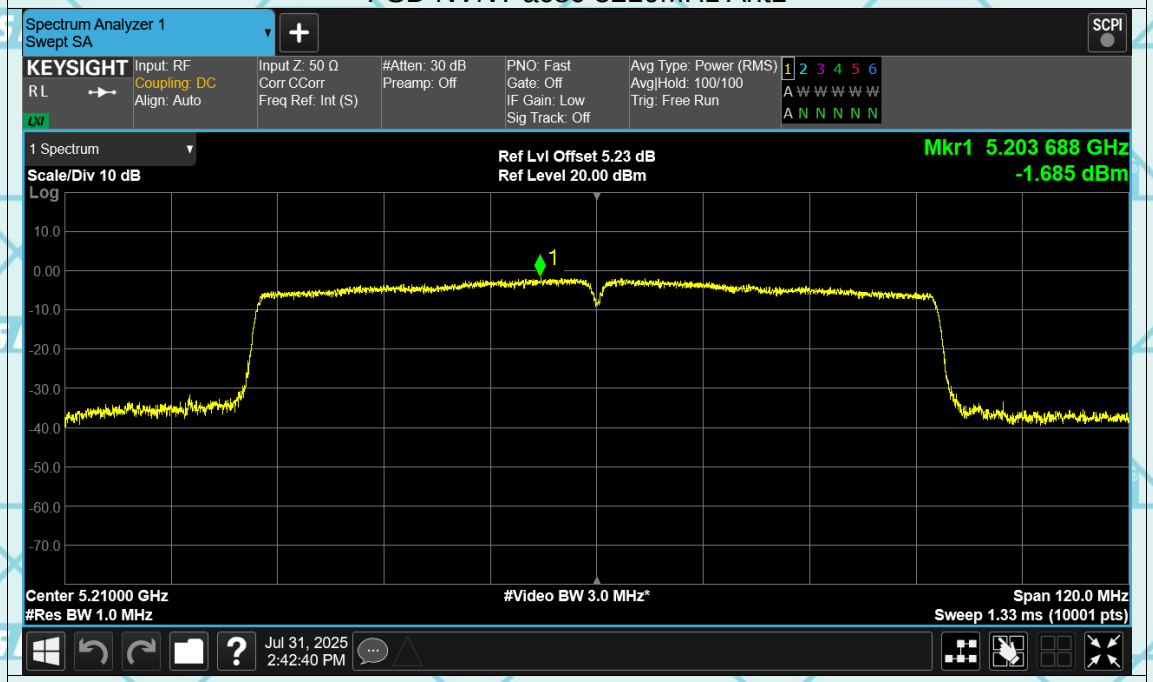
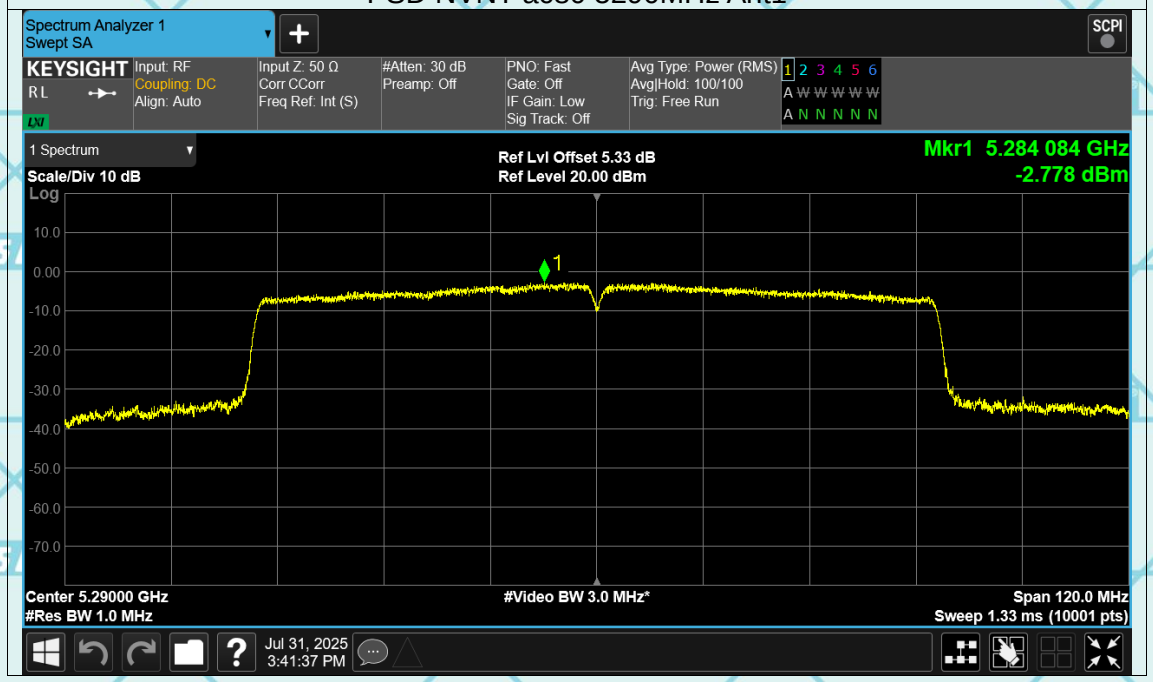


PSD NVNT ac40 5795MHz Ant1

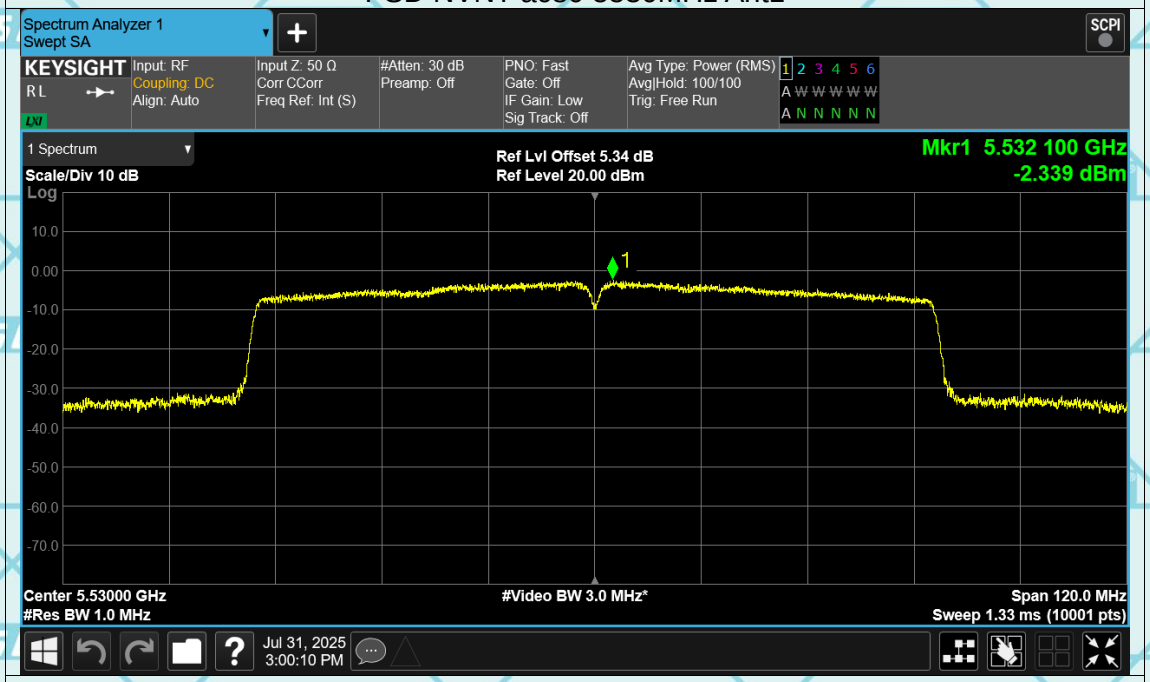
PSD NVNT ac80 5210MHz Ant1



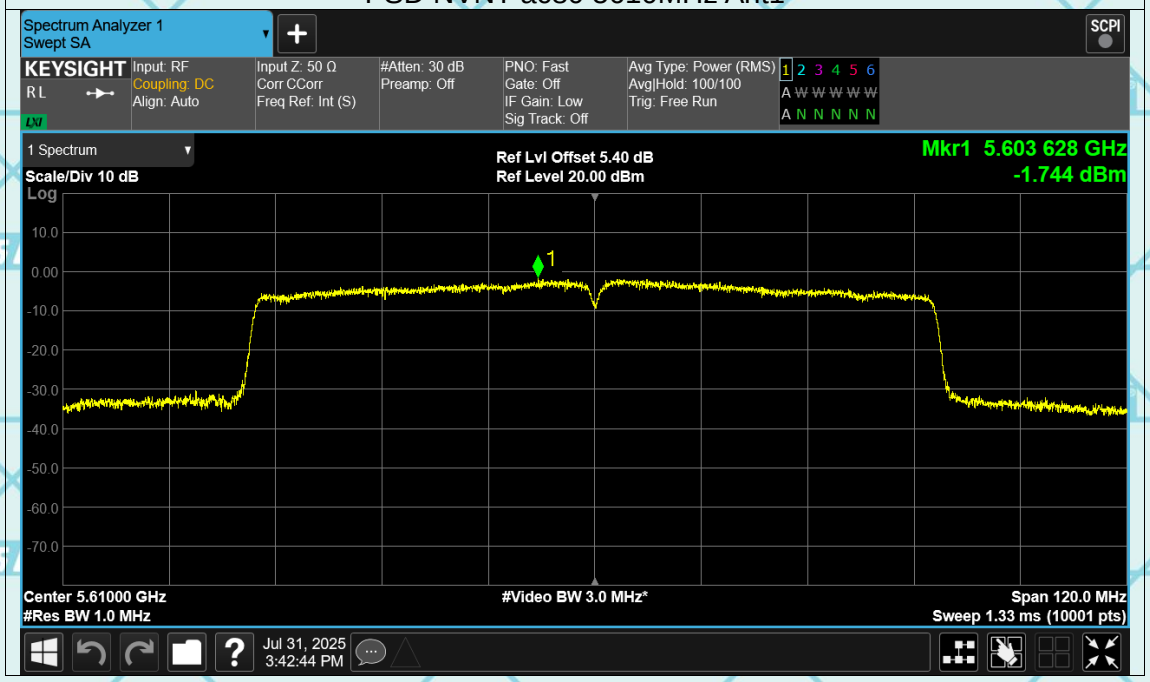
PSD NVNT ac80 5290MHz Ant1



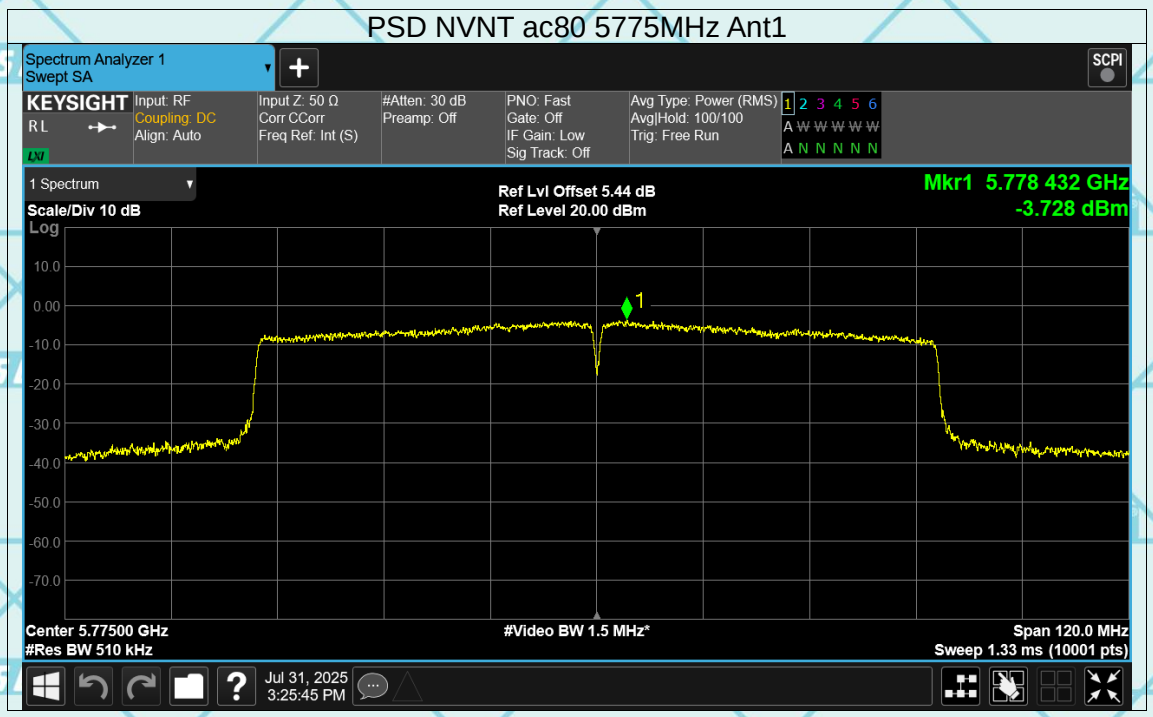
PSD NVNT ac80 5530MHz Ant1



PSD NVNT ac80 5610MHz Ant1



PSD NVNT ac80 5775MHz Ant1



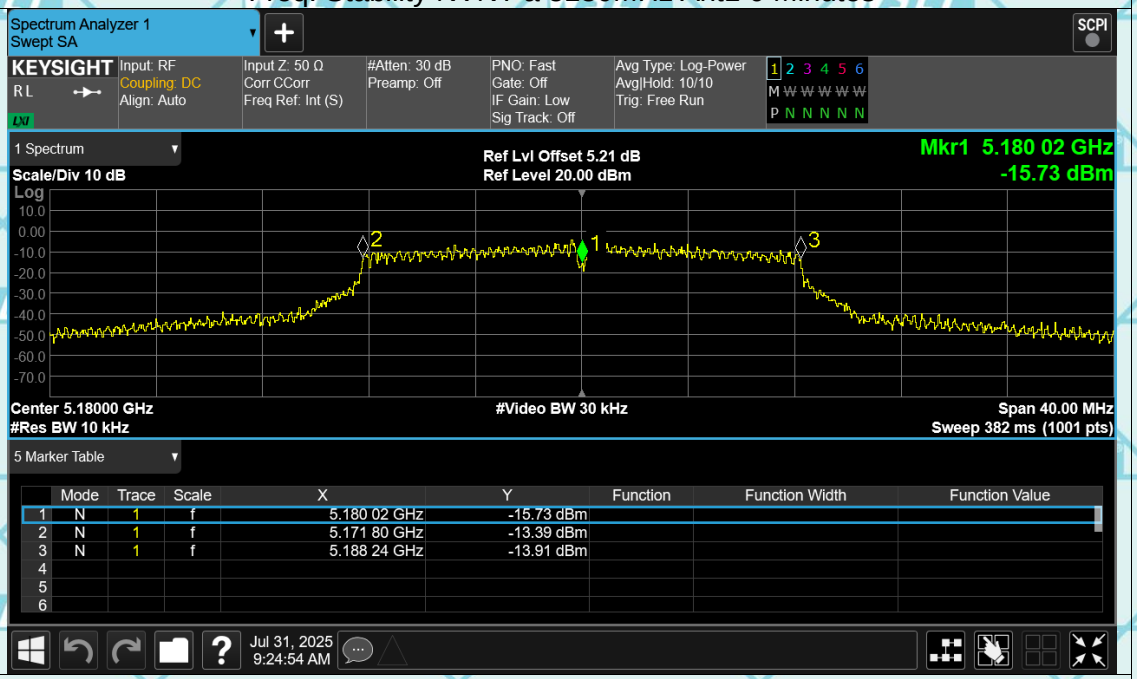
7.8 Frequency Stability

Product:	EUT-Sample	Test Item:	Frequency Stability
Temperature:	25 ℃	Humidity:	56%RH
Test Voltage:	DC 3.92V	Test Result:	PASS

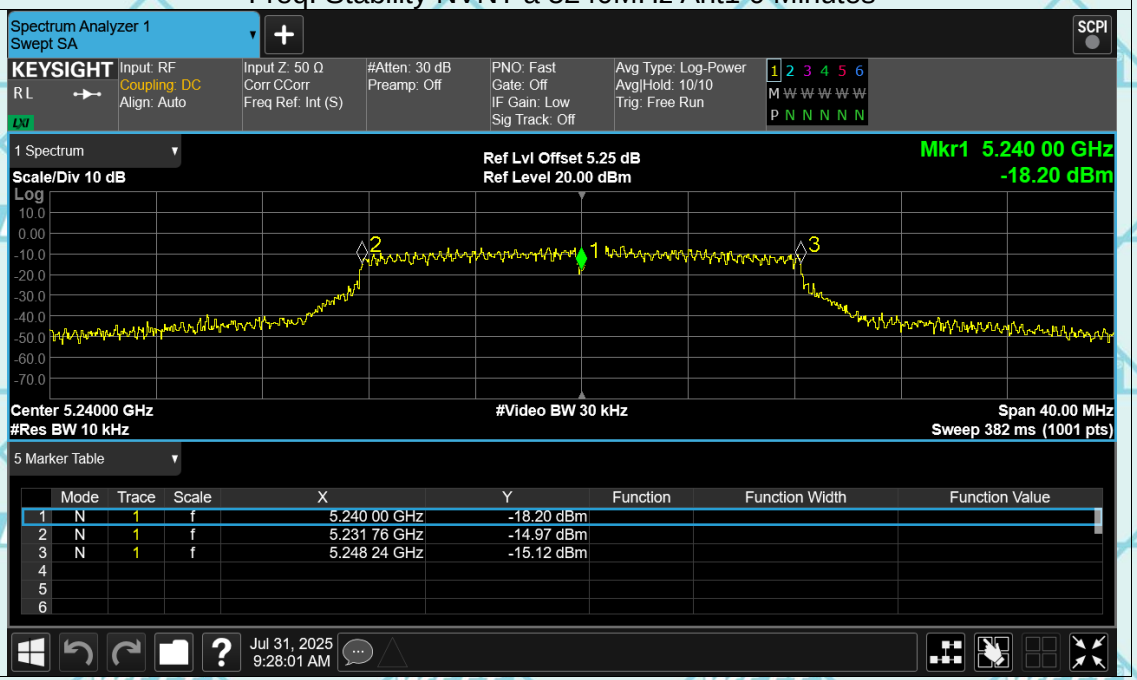
Mode	Frequency (MHz)	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5180	5180.02	20000	3.86	25	Pass
a	5240	5240	0	0	25	Pass
a	5260	5259.98	-20000	-3.8	25	Pass
a	5320	5320	0	0	25	Pass
a	5500	5500	0	0	25	Pass
a	5700	5699.98	-20000	-3.51	25	Pass
a	5745	5745	0	0	25	Pass
a	5825	5825	0	0	25	Pass
n20	5180	5179.98	-20000	-3.86	25	Pass
n20	5240	5239.98	-20000	-3.82	25	Pass
n20	5260	5259.98	-20000	-3.8	25	Pass
n20	5320	5320	0	0	25	Pass
n20	5500	5499.98	-20000	-3.64	25	Pass
n20	5700	5700	0	0	25	Pass
n20	5745	5745.02	20000	3.48	25	Pass
n20	5825	5825	0	0	25	Pass
n40	5190	5189.96	-40000	-7.71	25	Pass
n40	5230	5230	0	0	25	Pass
n40	5270	5270	0	0	25	Pass
n40	5310	5310	0	0	25	Pass
n40	5510	5510.04	40000	7.26	25	Pass
n40	5670	5669.96	-40000	-7.05	25	Pass
n40	5755	5754.96	-40000	-6.95	25	Pass
n40	5795	5795	0	0	25	Pass
ac20	5180	5179.98	-20000	-3.86	25	Pass
ac20	5240	5240	0	0	25	Pass
ac20	5260	5260.02	20000	3.8	25	Pass
ac20	5320	5319.98	-20000	-3.76	25	Pass
ac20	5500	5500.02	20000	3.64	25	Pass
ac20	5700	5700.02	20000	3.51	25	Pass
ac20	5745	5745	0	0	25	Pass
ac20	5825	5824.96	-40000	-6.87	25	Pass
ac40	5190	5190	0	0	25	Pass
ac40	5230	5230	0	0	25	Pass
ac40	5270	5270	0	0	25	Pass
ac40	5310	5310	0	0	25	Pass
ac40	5510	5510.04	40000	7.26	25	Pass
ac40	5670	5670	0	0	25	Pass
ac40	5755	5755	0	0	25	Pass
ac40	5795	5794.96	-40000	-6.9	25	Pass
ac80	5210	5210	0	0	25	Pass
ac80	5290	5290	0	0	25	Pass
ac80	5530	5530	0	0	25	Pass
ac80	5610	5610	0	0	25	Pass
ac80	5775	5775	0	0	25	Pass

Test Graphs

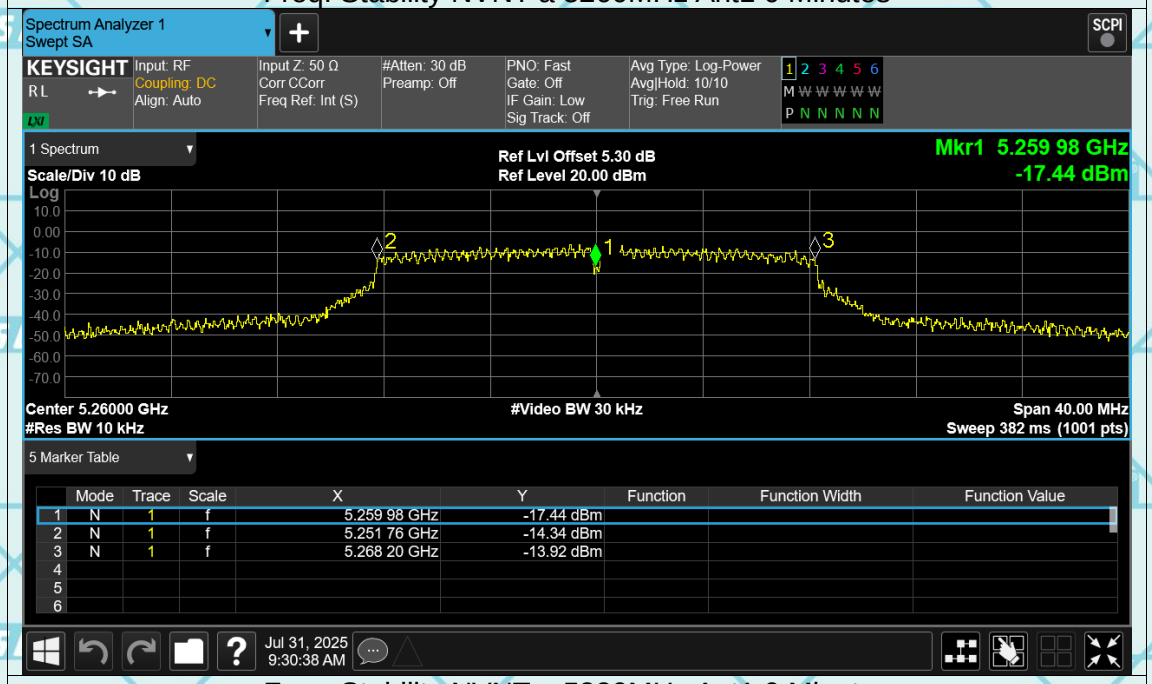
Freq. Stability NVNT a 5180MHz Ant1 0 Minutes



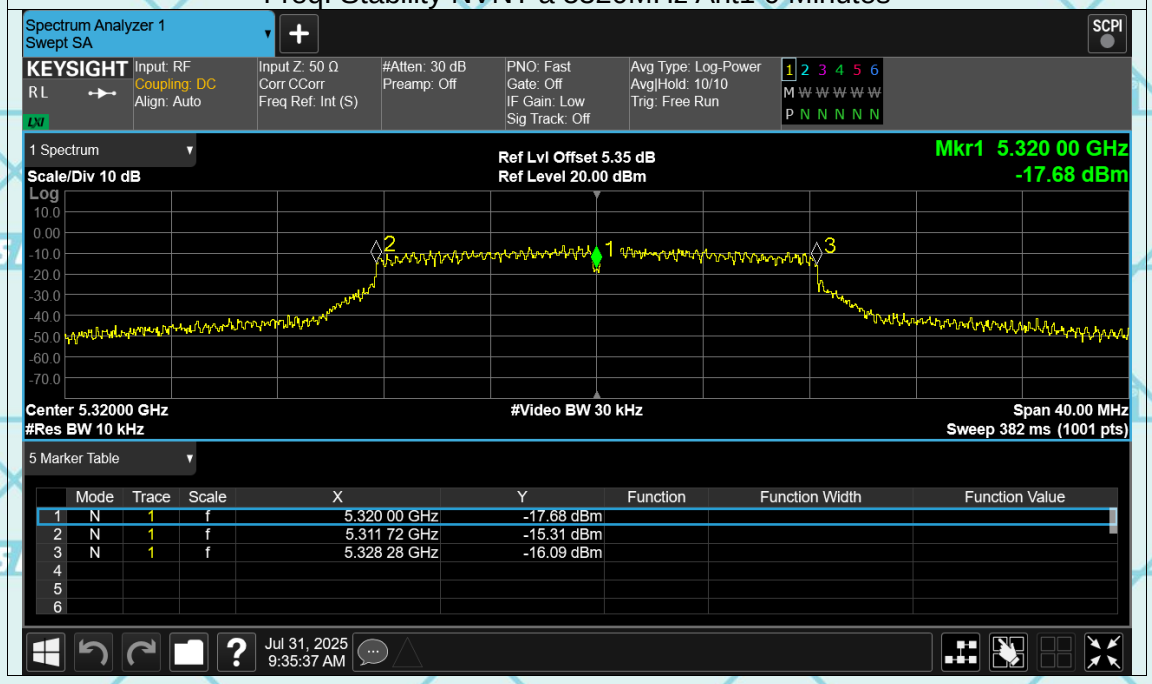
Freq. Stability NVNT a 5240MHz Ant1 0 Minutes



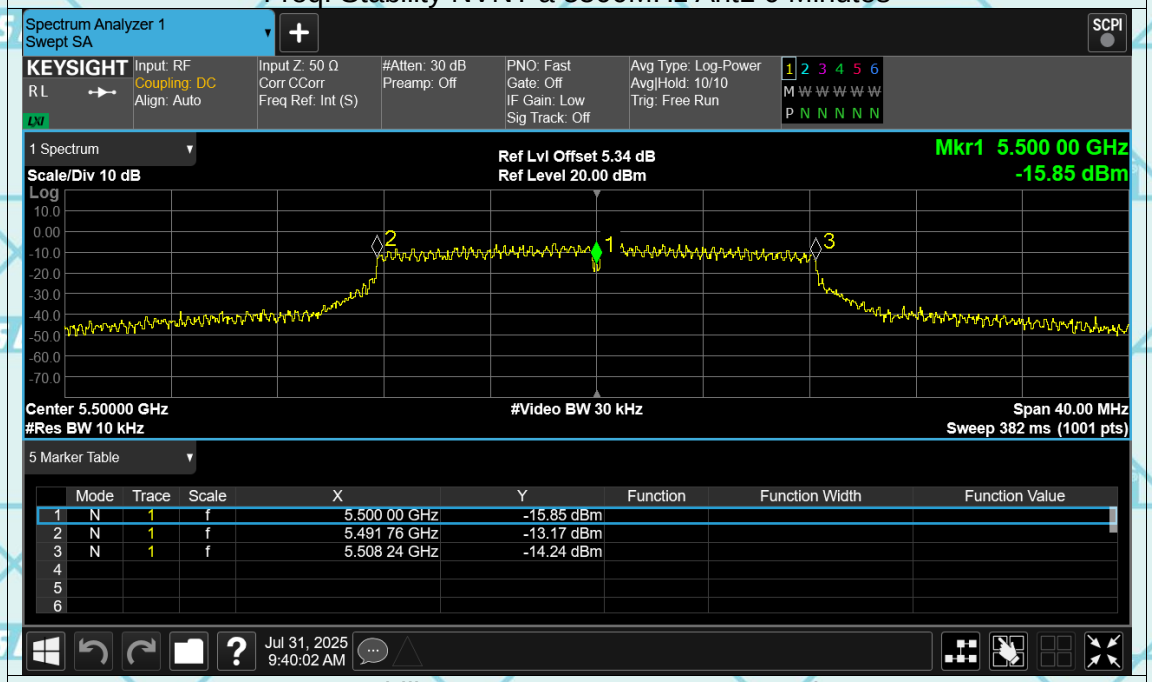
Freq. Stability NVNT a 5260MHz Ant1 0 Minutes



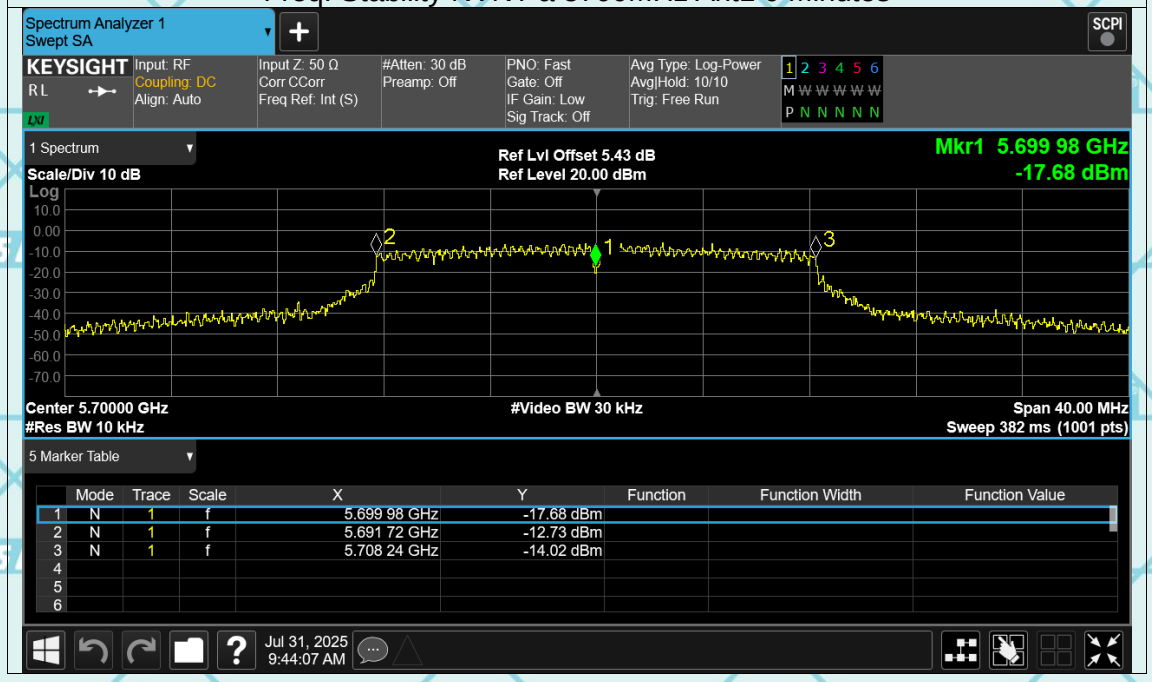
Freq. Stability NVNT a 5320MHz Ant1 0 Minutes



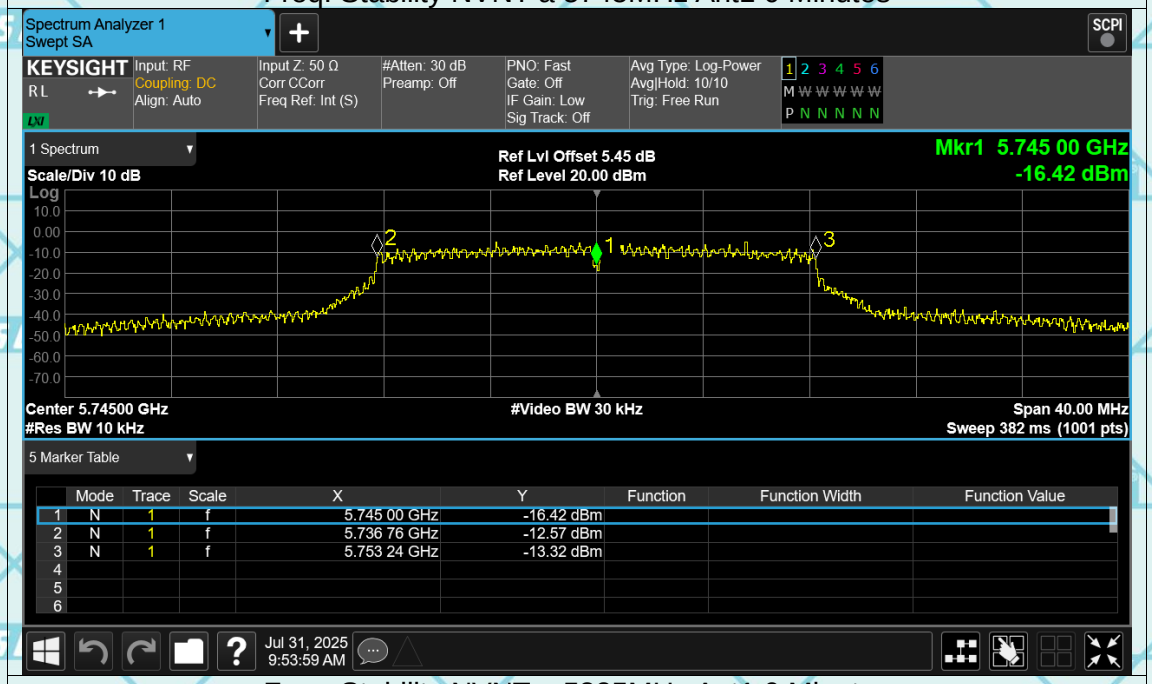
Freq. Stability NVNT a 5500MHz Ant1 0 Minutes



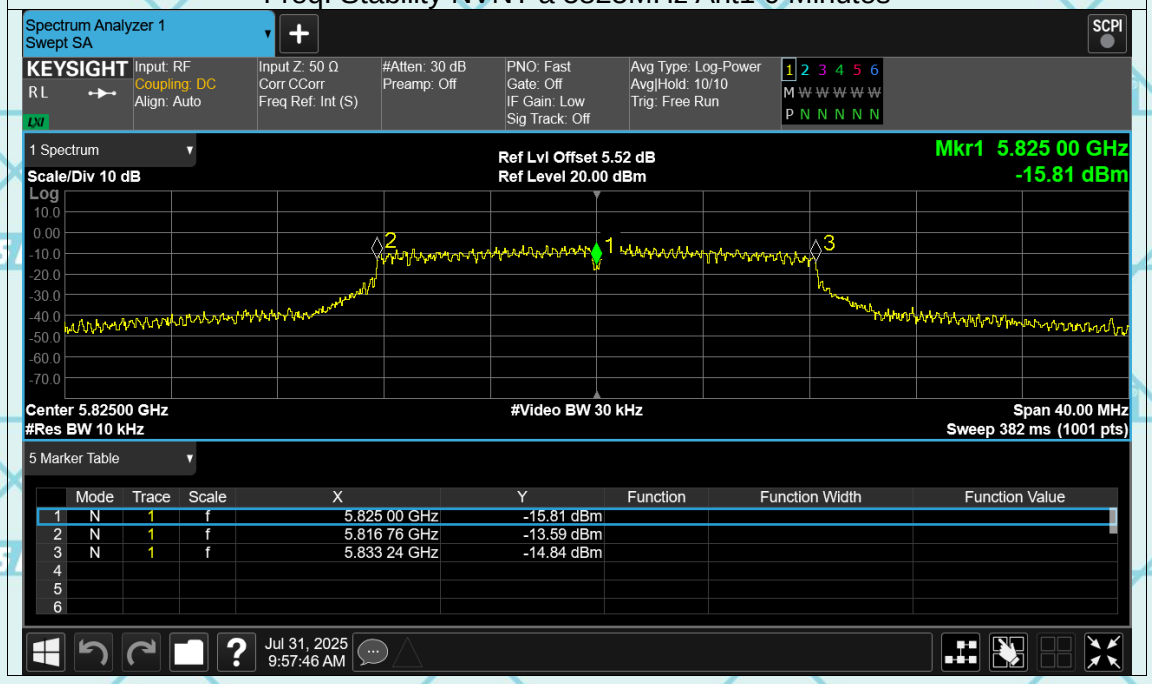
Freq. Stability NVNT a 5700MHz Ant1 0 Minutes



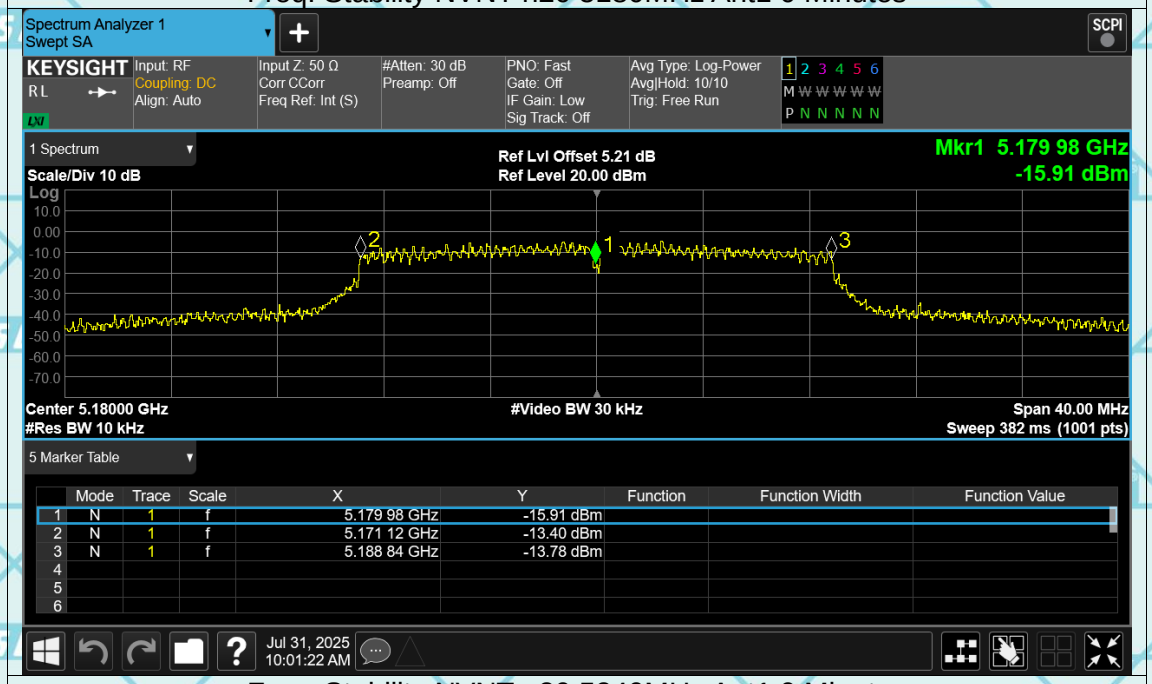
Freq. Stability NVNT a 5745MHz Ant1 0 Minutes



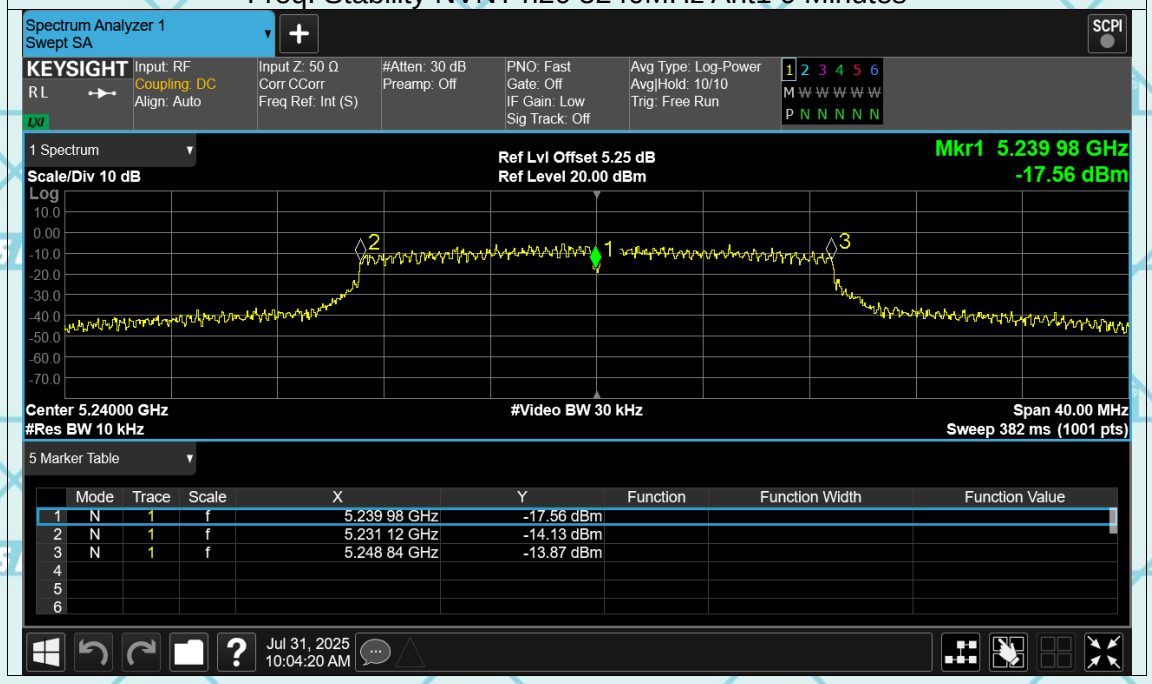
Freq. Stability NVNT a 5825MHz Ant1 0 Minutes



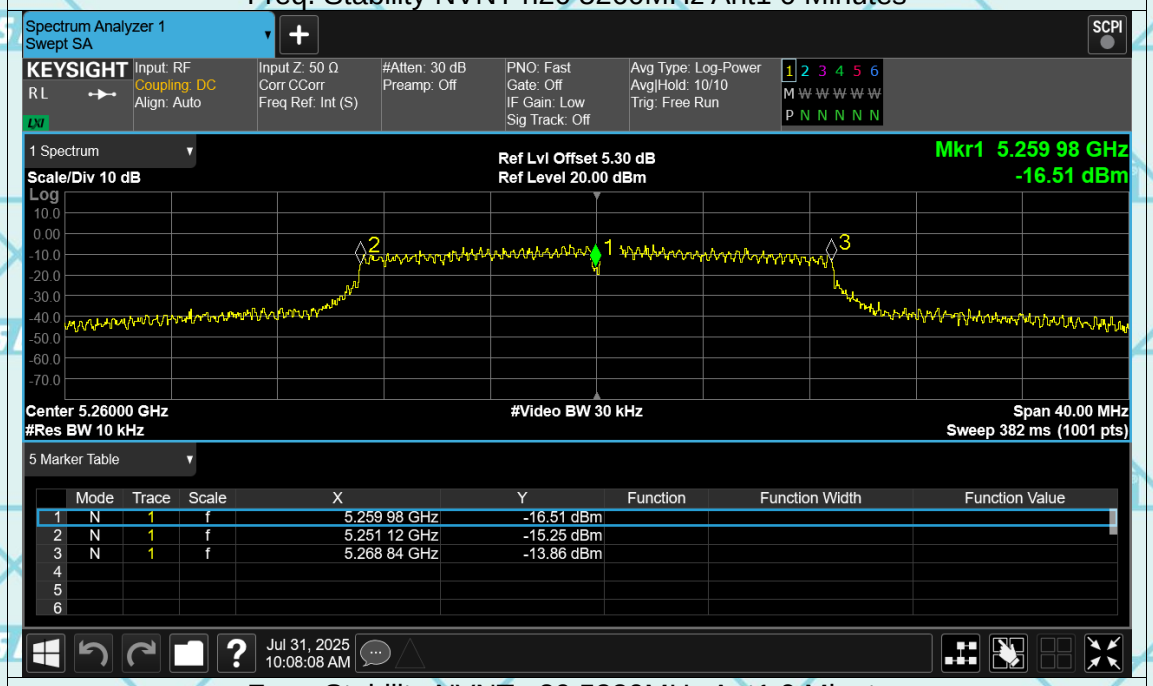
Freq. Stability NVNT n20 5180MHz Ant1 0 Minutes



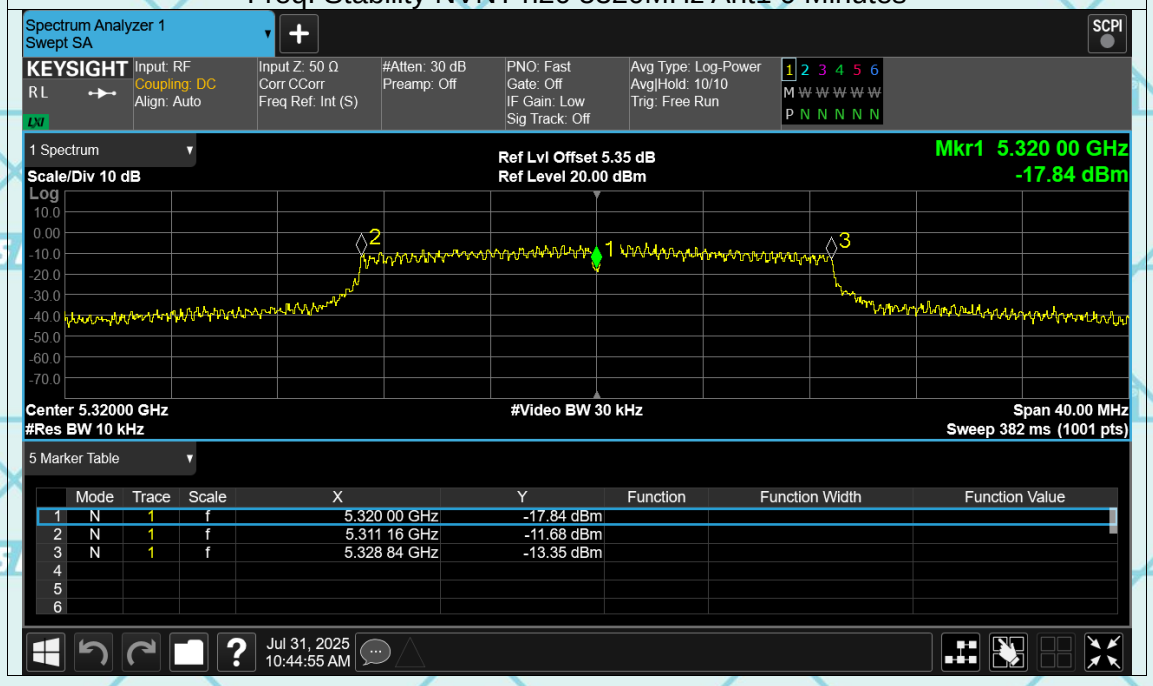
Freq. Stability NVNT n20 5240MHz Ant1 0 Minutes



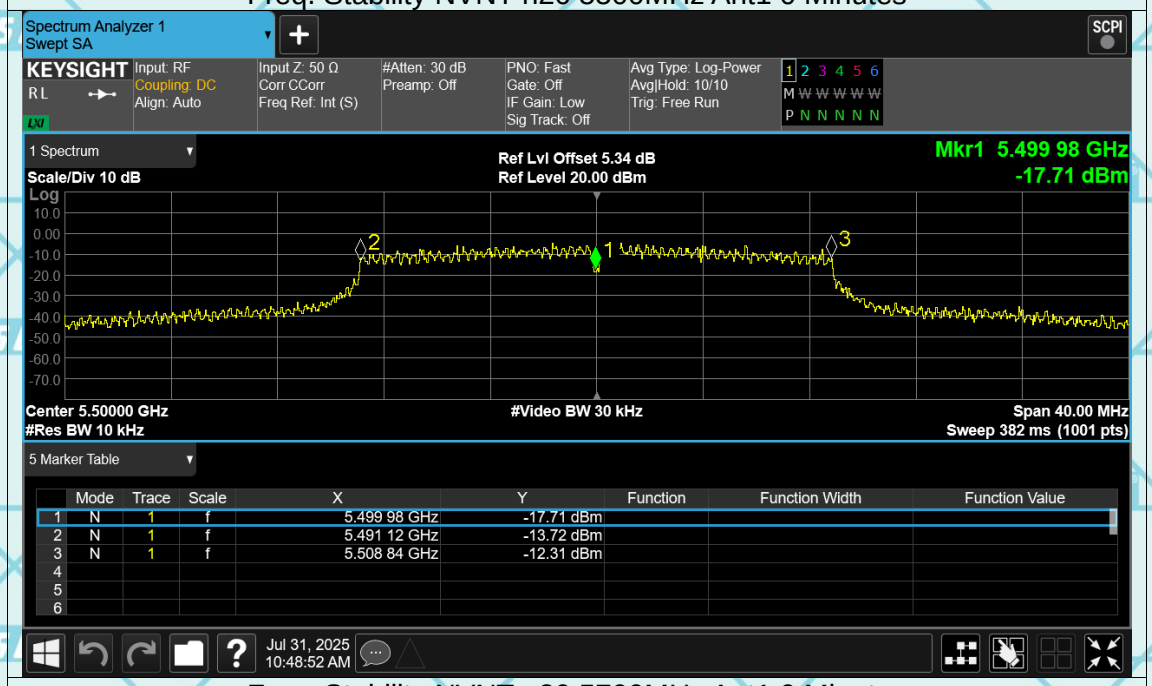
Freq. Stability NVNT n20 5260MHz Ant1 0 Minutes



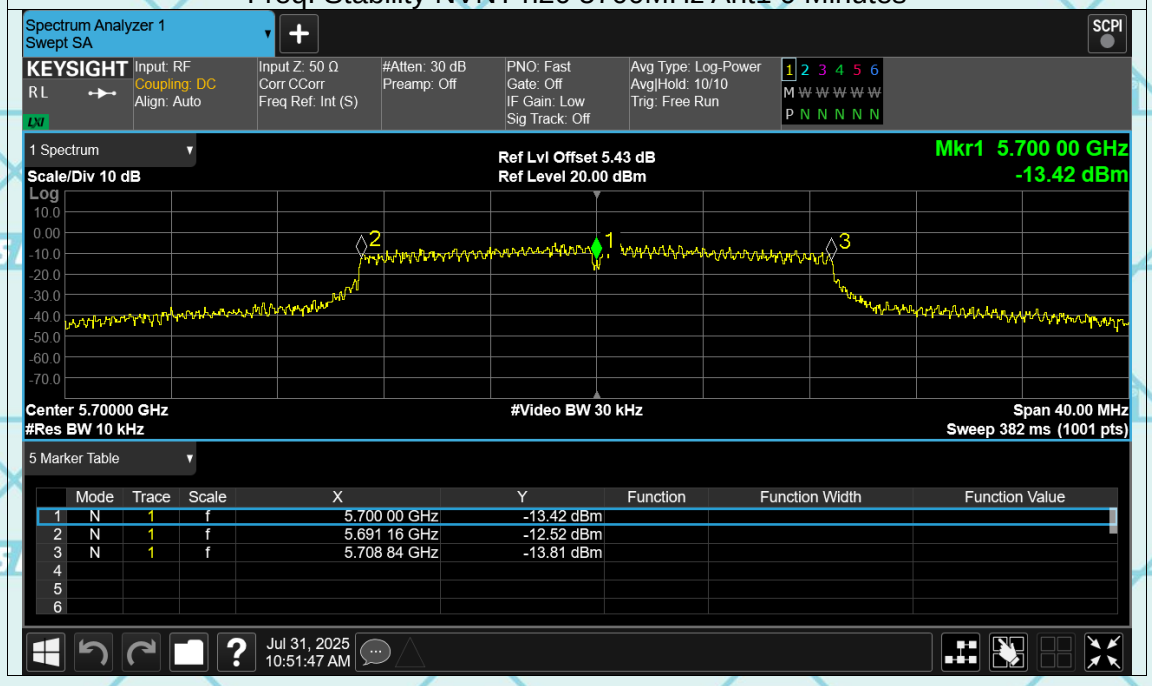
Freq. Stability NVNT n20 5320MHz Ant1 0 Minutes



Freq. Stability NVNT n20 5500MHz Ant1 0 Minutes



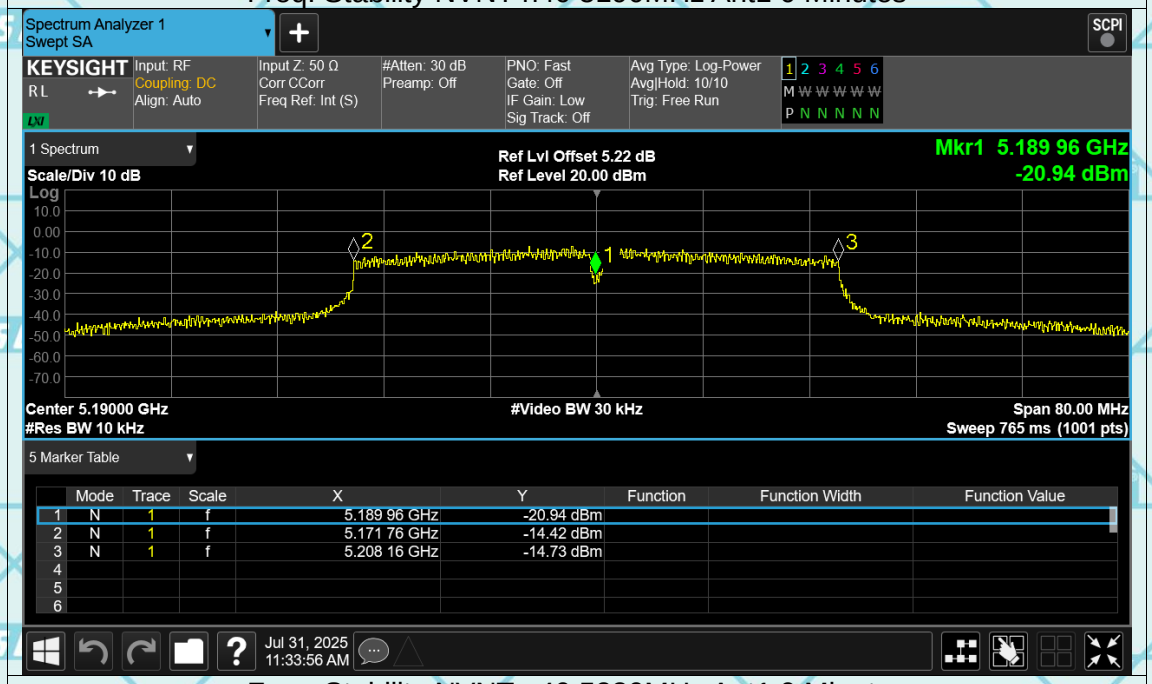
Freq. Stability NVNT n20 5700MHz Ant1 0 Minutes



Freq. Stability NVNT n20 5745MHz Ant1 0 Minutes

Freq. Stability NVNT n20 5825MHz Ant1 0 Minutes

Freq. Stability NVNT n40 5190MHz Ant1 0 Minutes



Freq. Stability NVNT n40 5230MHz Ant1 0 Minutes