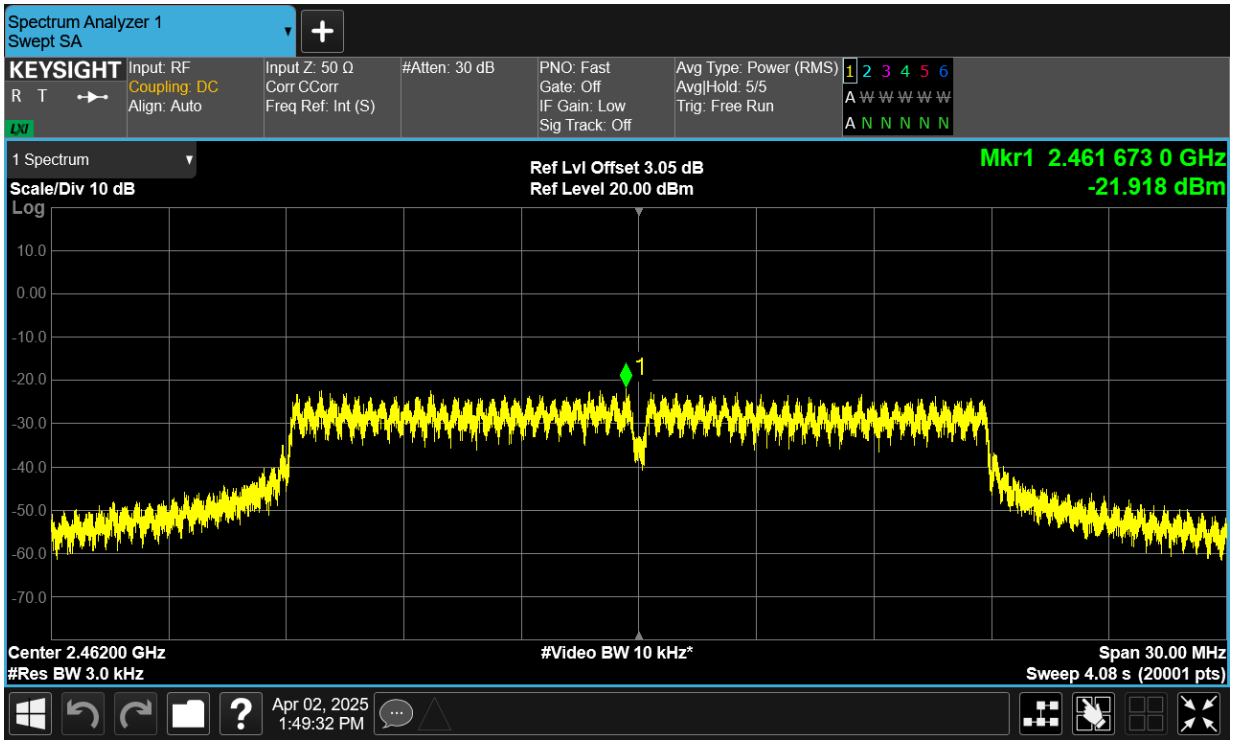
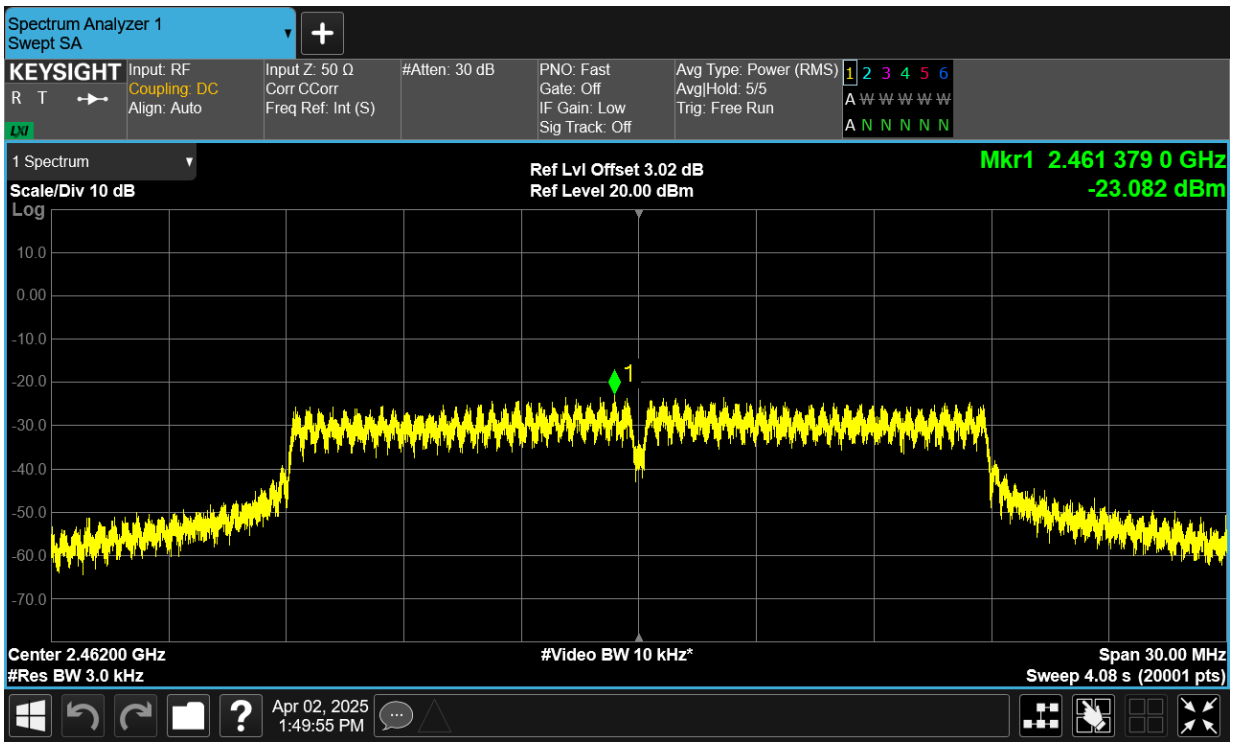
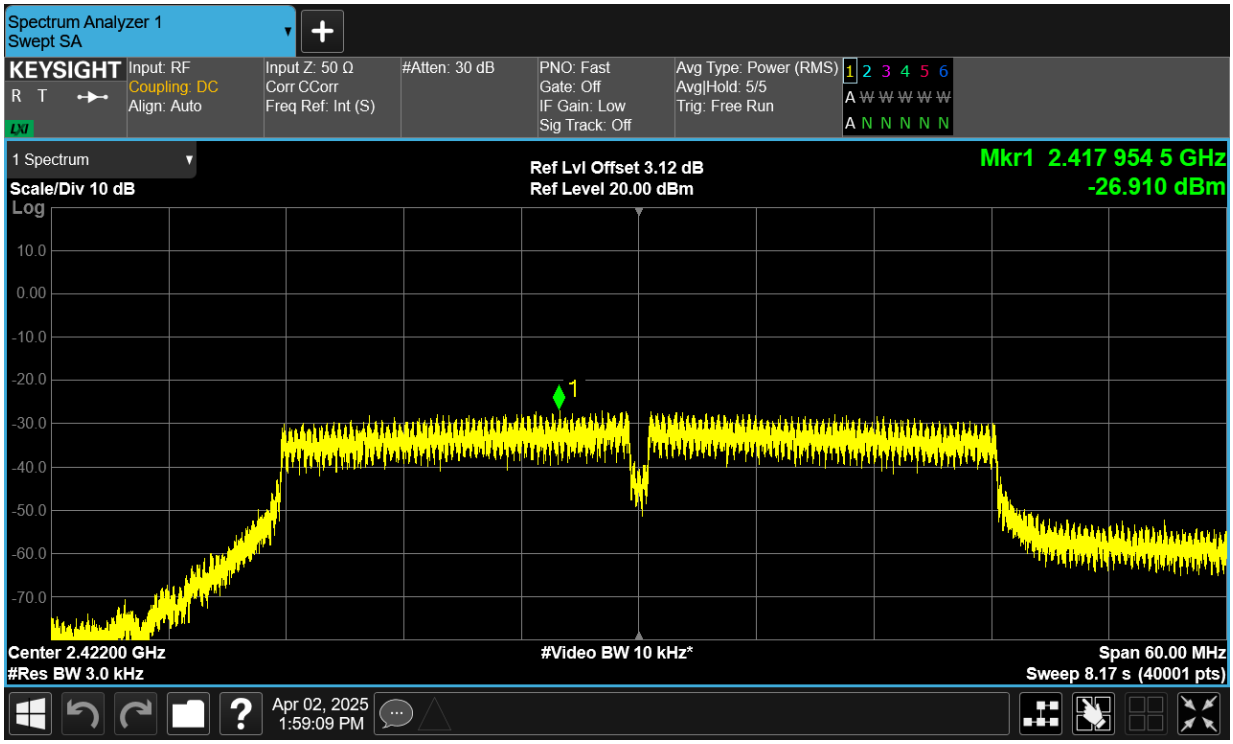


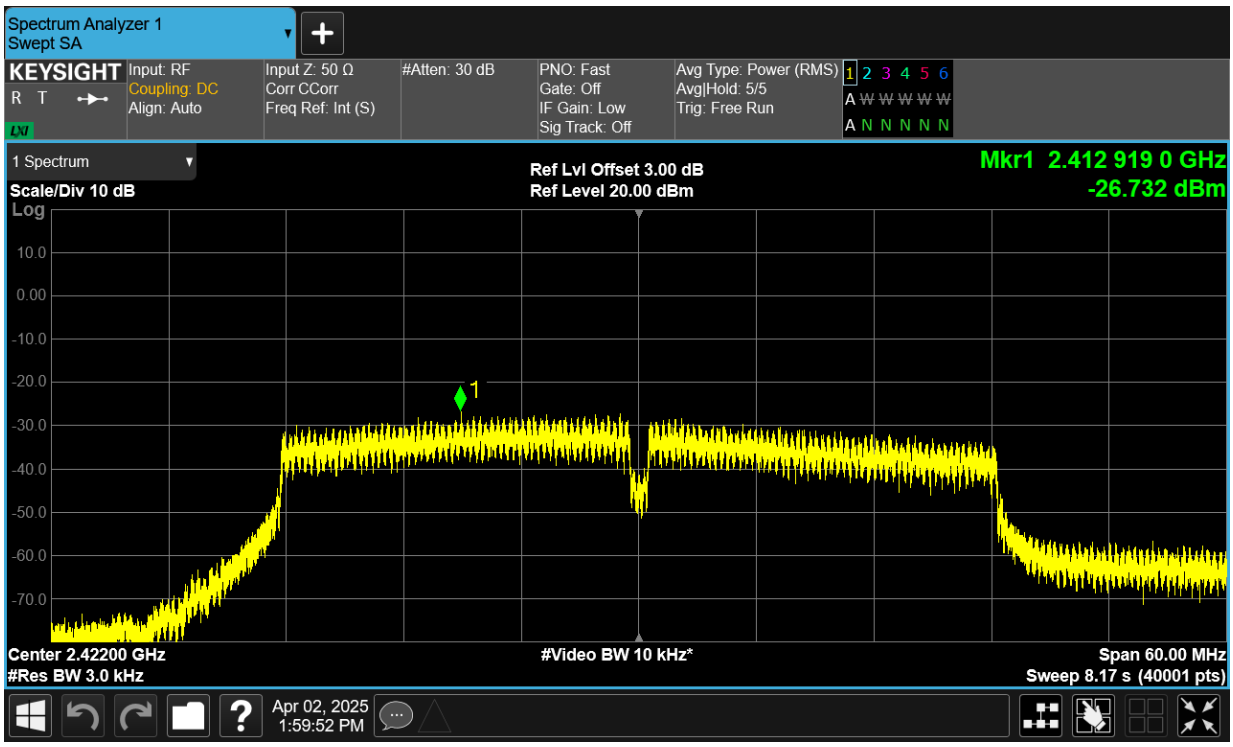
PSD NVNT n20 2462MHz Ant8



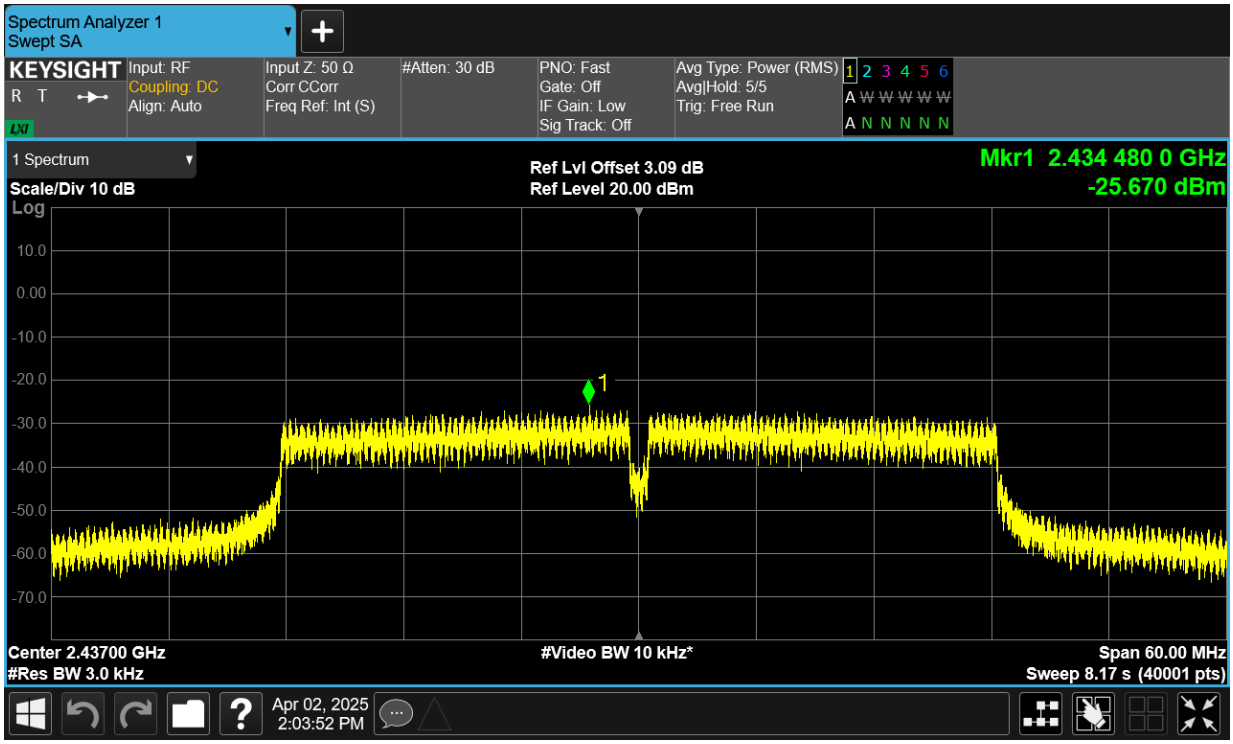
PSD NVNT n40 2422MHz Ant0



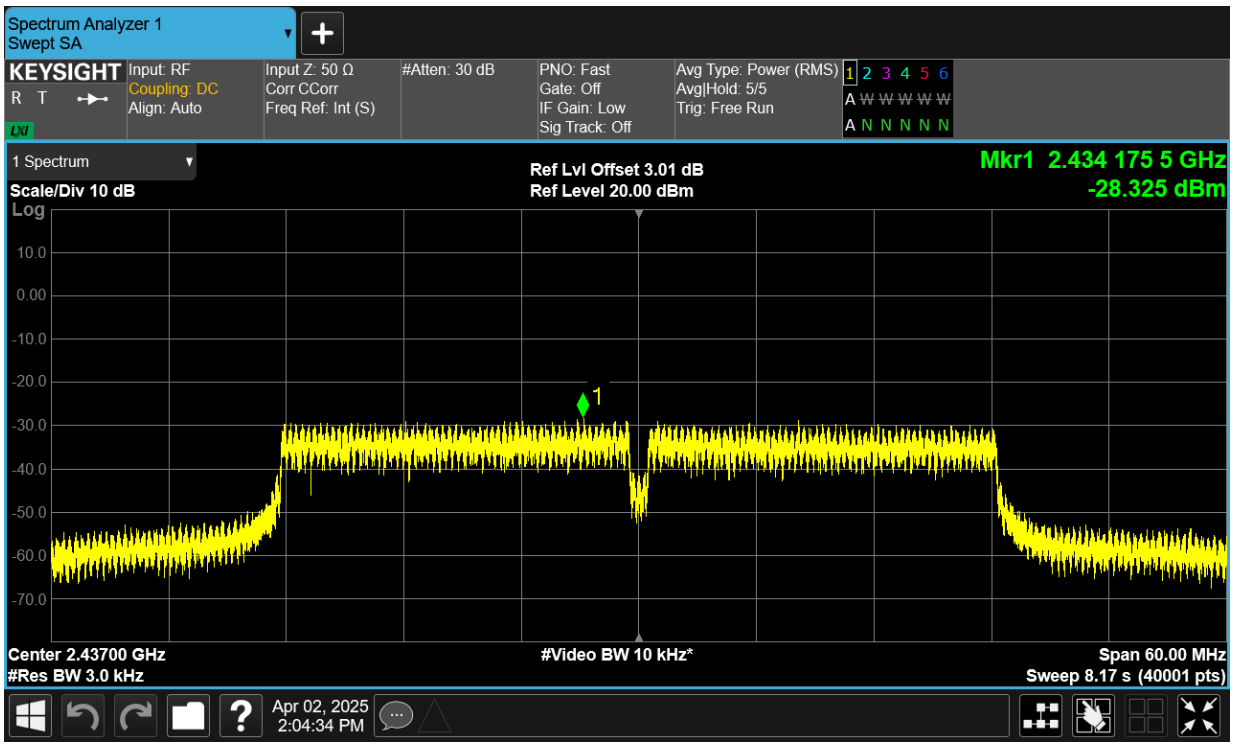
PSD NVNT n40 2422MHz Ant8



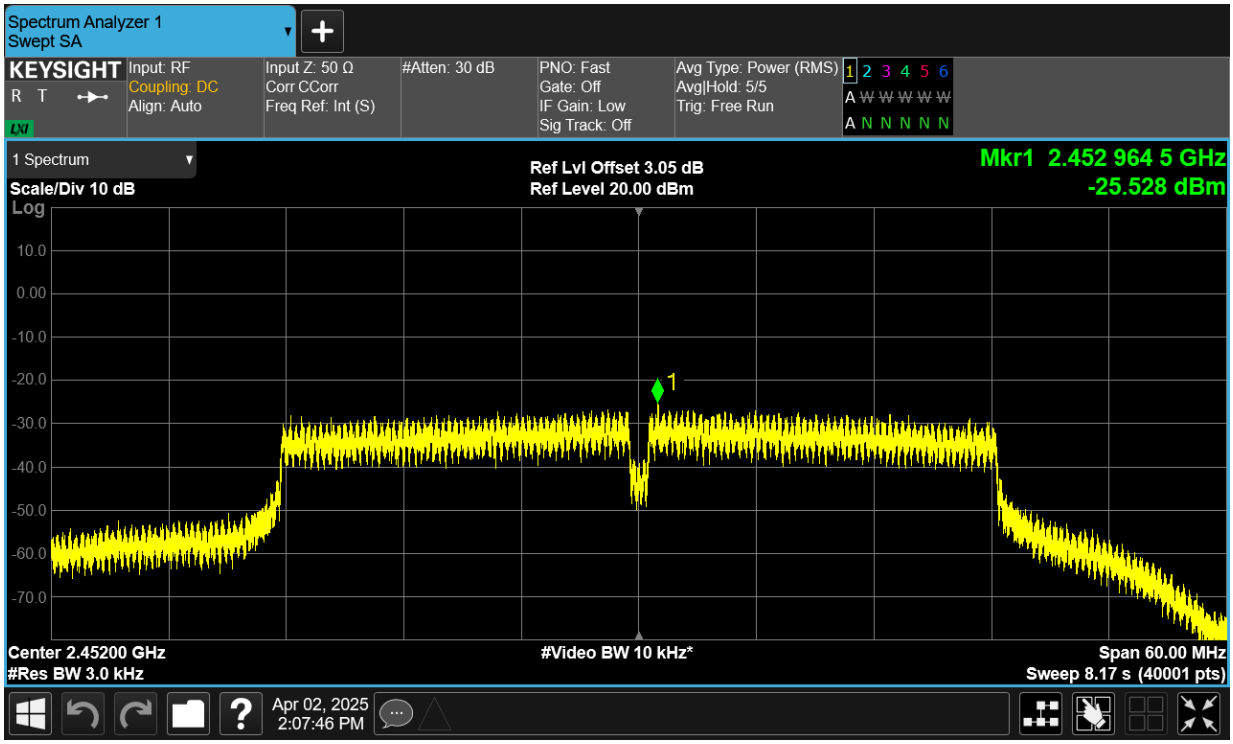
PSD NVNT n40 2437MHz Ant0



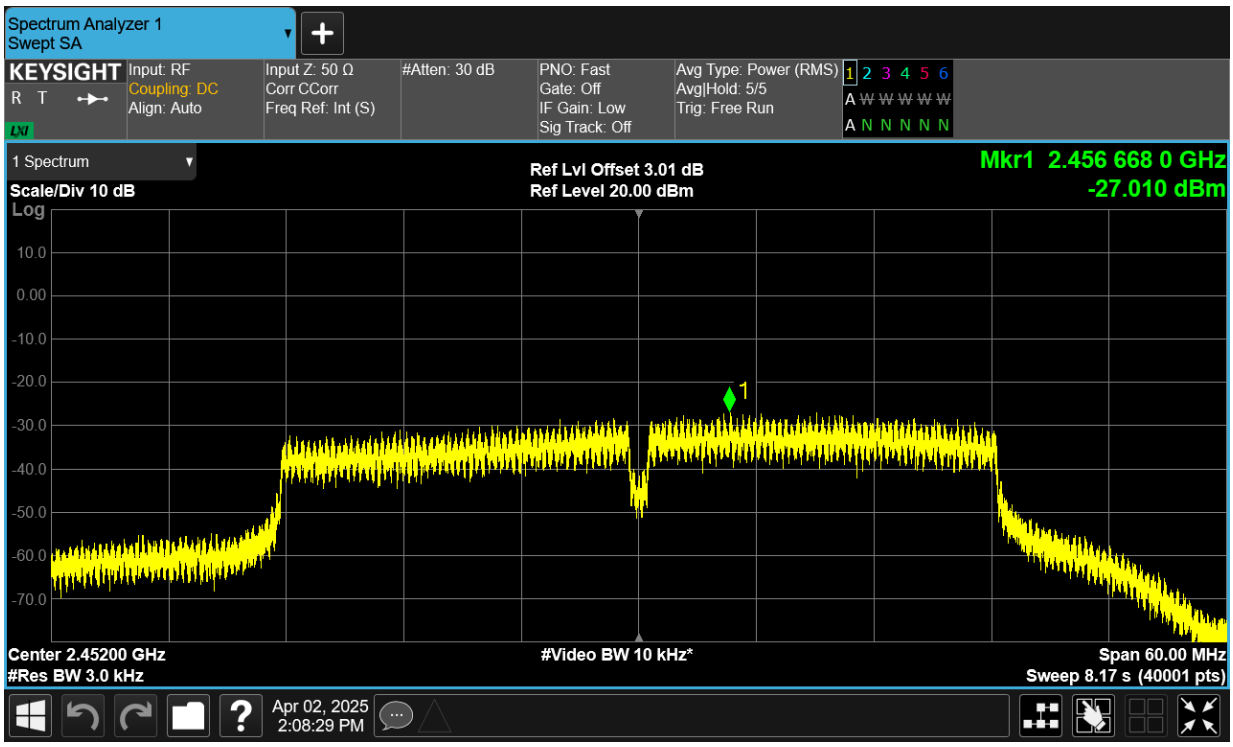
PSD NVNT n40 2437MHz Ant8



PSD NVNT n40 2452MHz Ant0



PSD NVNT n40 2452MHz Ant8

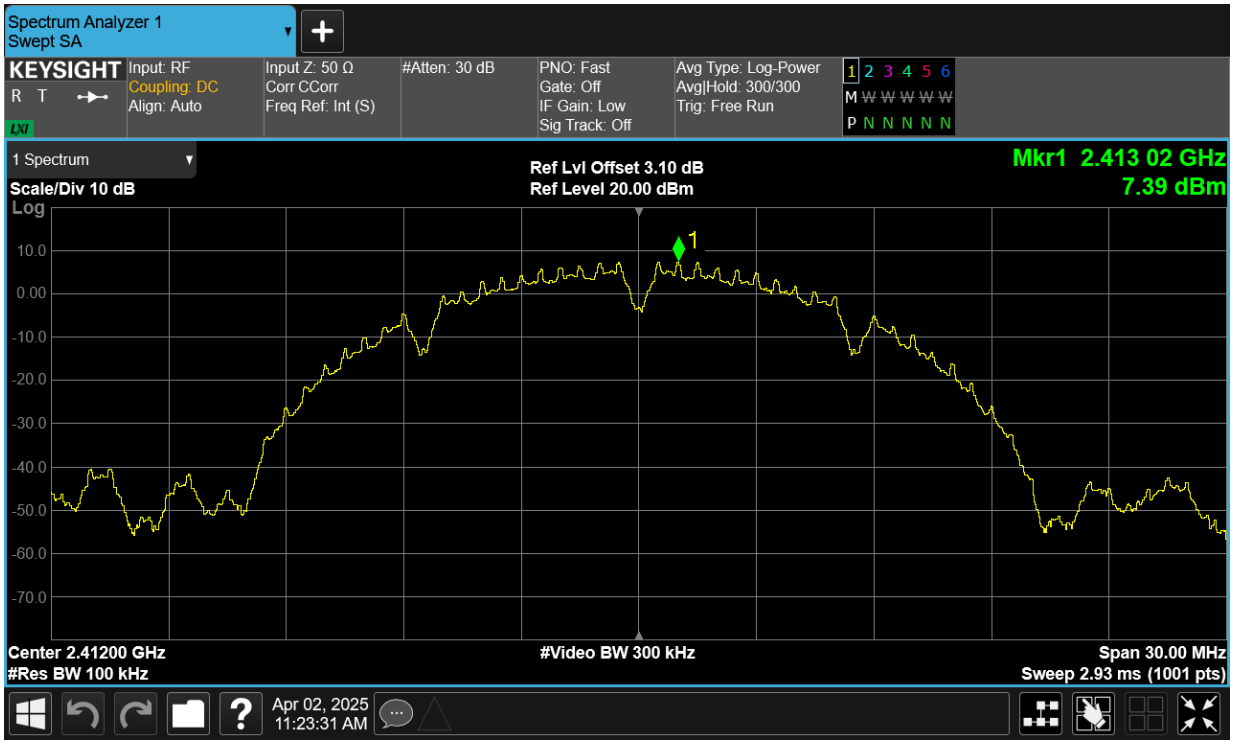


Band Edge

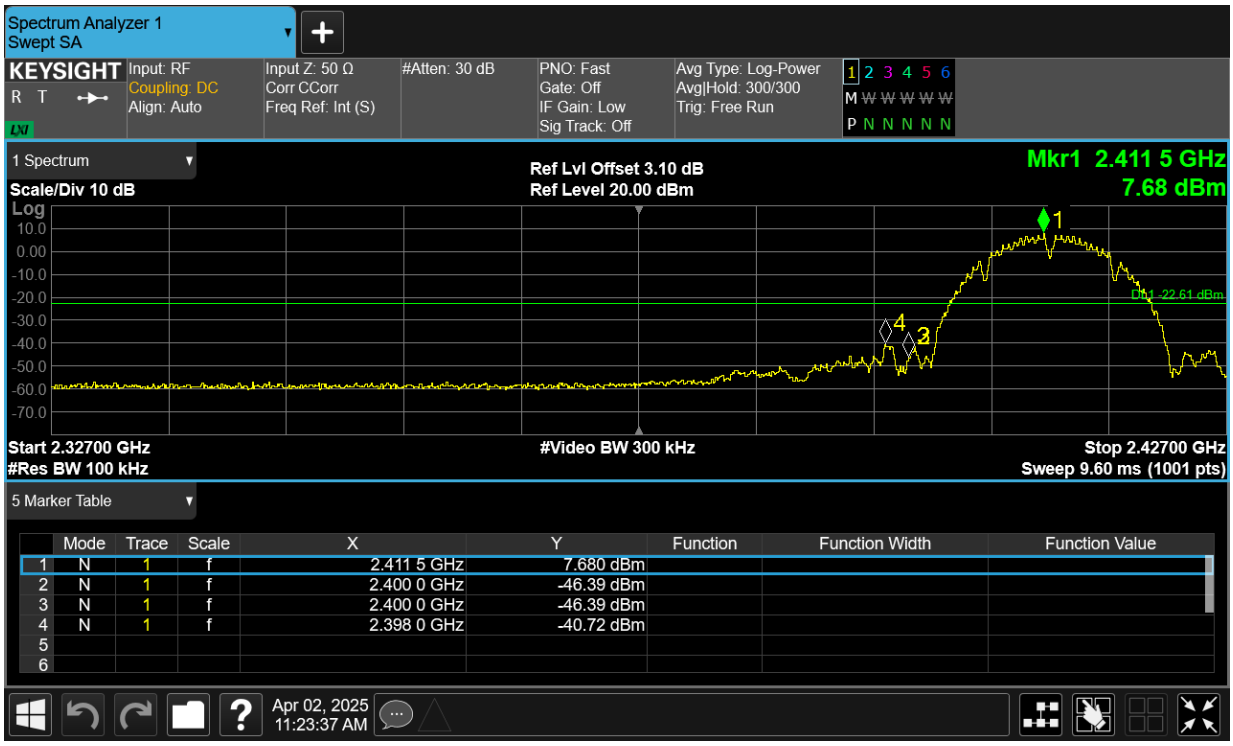
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant0	-48.11	-30	Pass
NVNT	b	2462	Ant0	-58.77	-30	Pass
NVNT	b	2412	Ant8	-49.77	-30	Pass
NVNT	b	2462	Ant8	-62.18	-30	Pass
NVNT	g	2412	Ant0	-38.8	-30	Pass
NVNT	g	2462	Ant0	-52.09	-30	Pass
NVNT	g	2412	Ant8	-38.57	-30	Pass
NVNT	g	2462	Ant8	-52.65	-30	Pass
NVNT	n20	2412	Ant0	-40.4	-30	Pass
NVNT	n20	2412	Ant8	-37.45	-30	Pass
NVNT	n20	2462	Ant0	-46.27	-30	Pass
NVNT	n20	2462	Ant8	-50.38	-30	Pass
NVNT	n40	2422	Ant0	-30.68	-30	Pass
NVNT	n40	2422	Ant8	-34.89	-30	Pass
NVNT	n40	2452	Ant0	-45.05	-30	Pass
NVNT	n40	2452	Ant8	-45.15	-30	Pass

Test Graphs

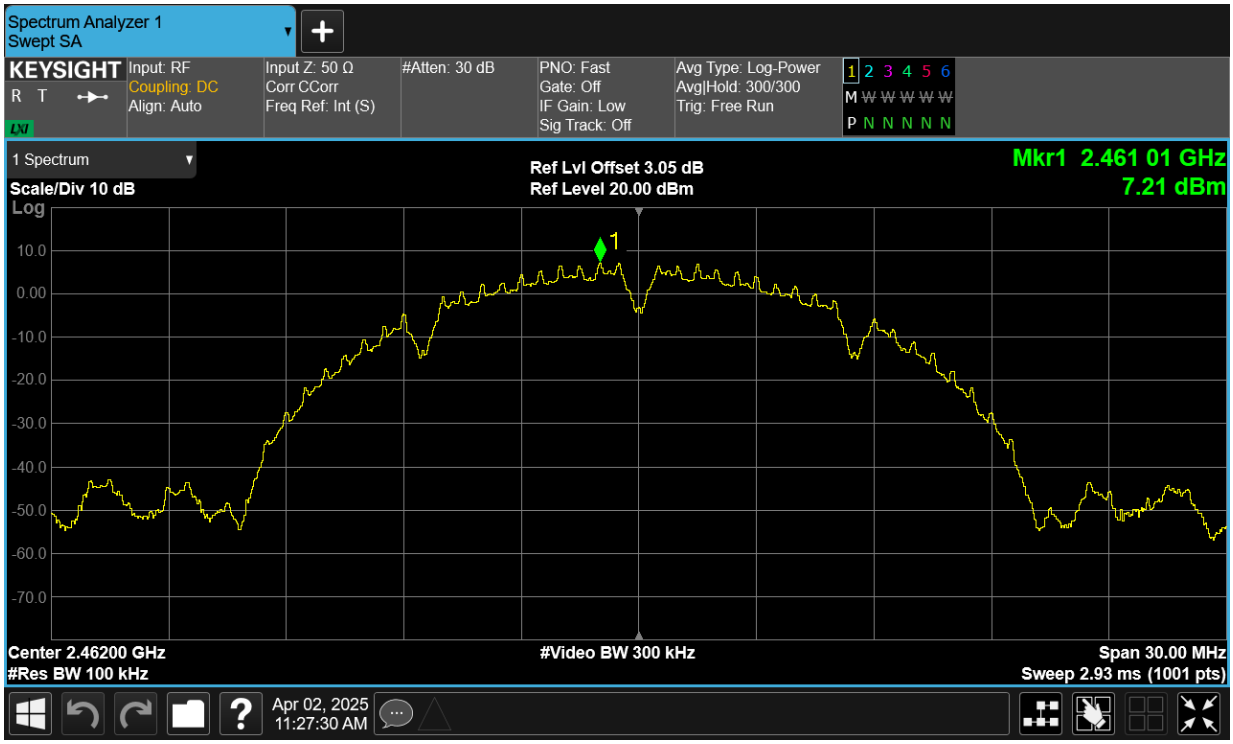
Band Edge NVNT b 2412MHz Ant0 Ref



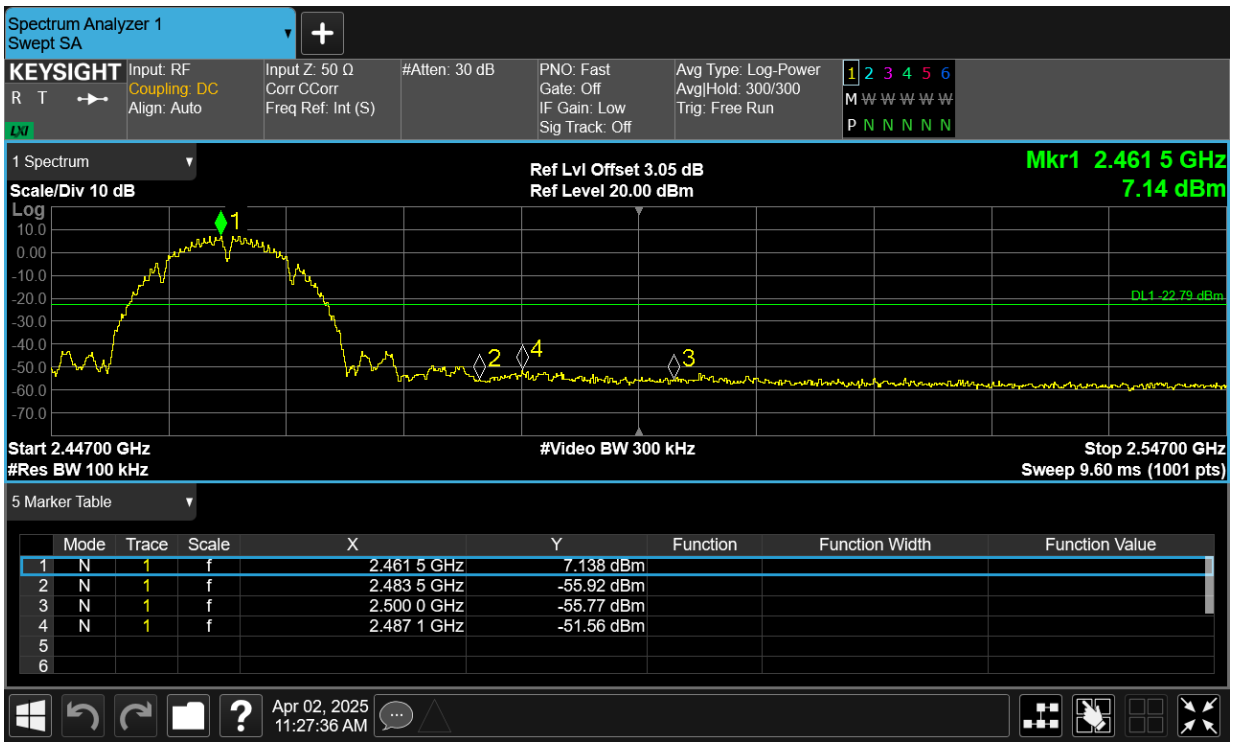
Band Edge NVNT b 2412MHz Ant0 Emission



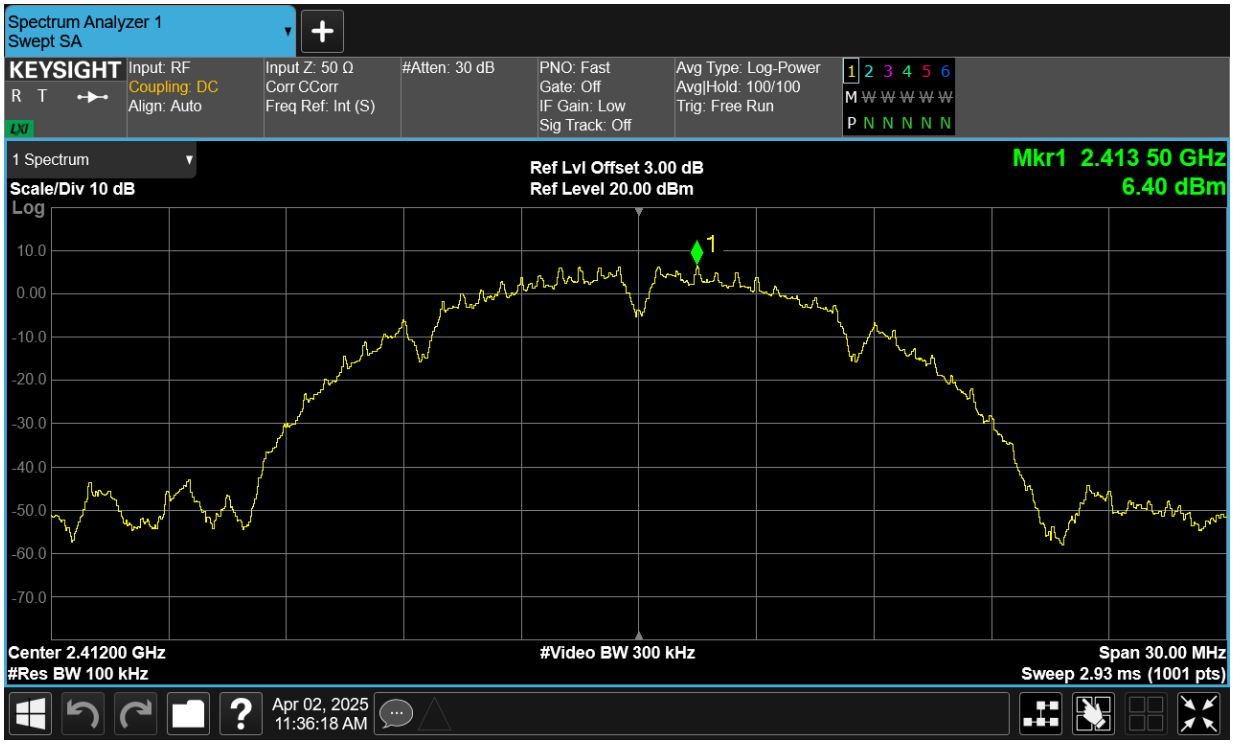
Band Edge NVNT b 2462MHz Ant0 Ref



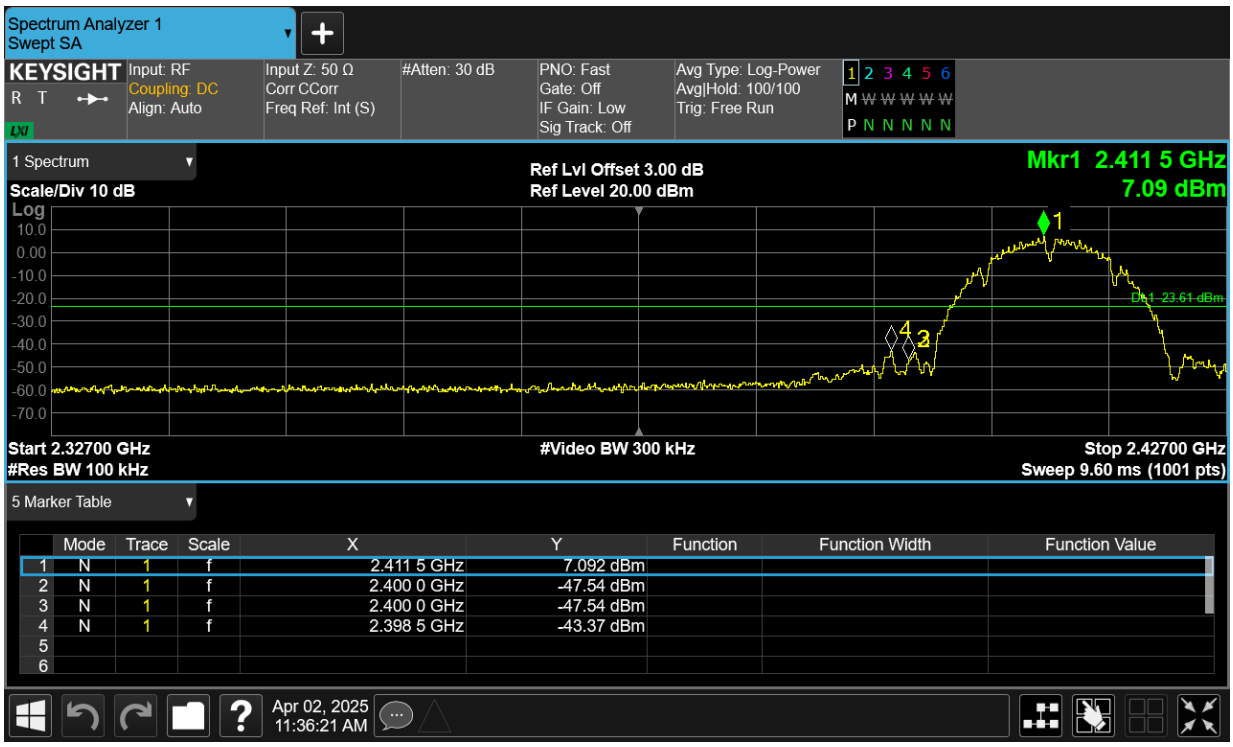
Band Edge NVNT b 2462MHz Ant0 Emission



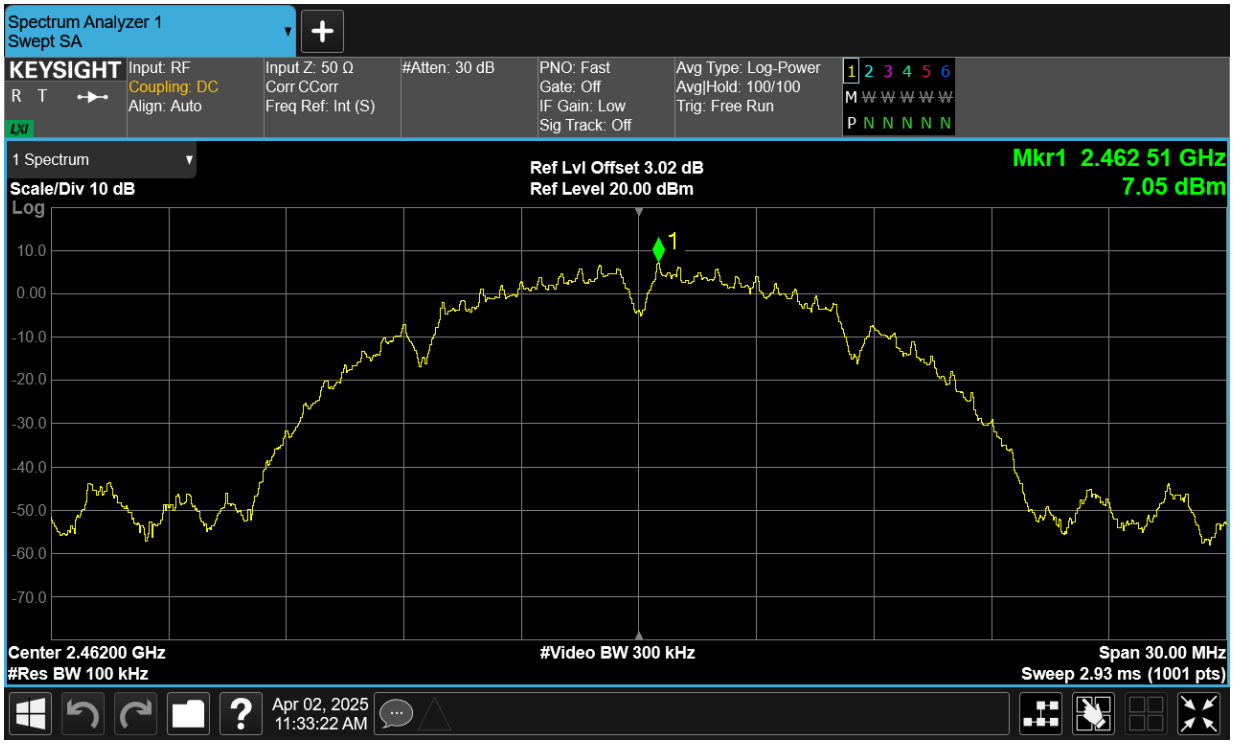
Band Edge NVNT b 2412MHz Ant8 Ref



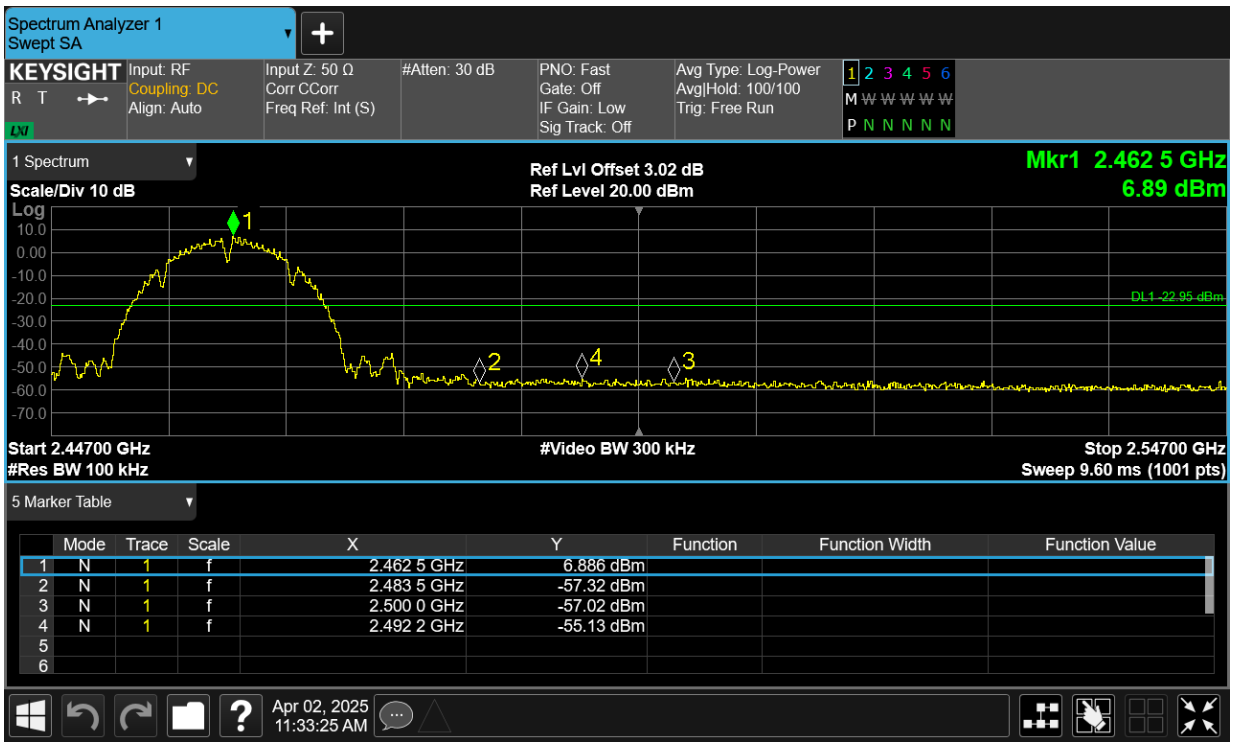
Band Edge NVNT b 2412MHz Ant8 Emission



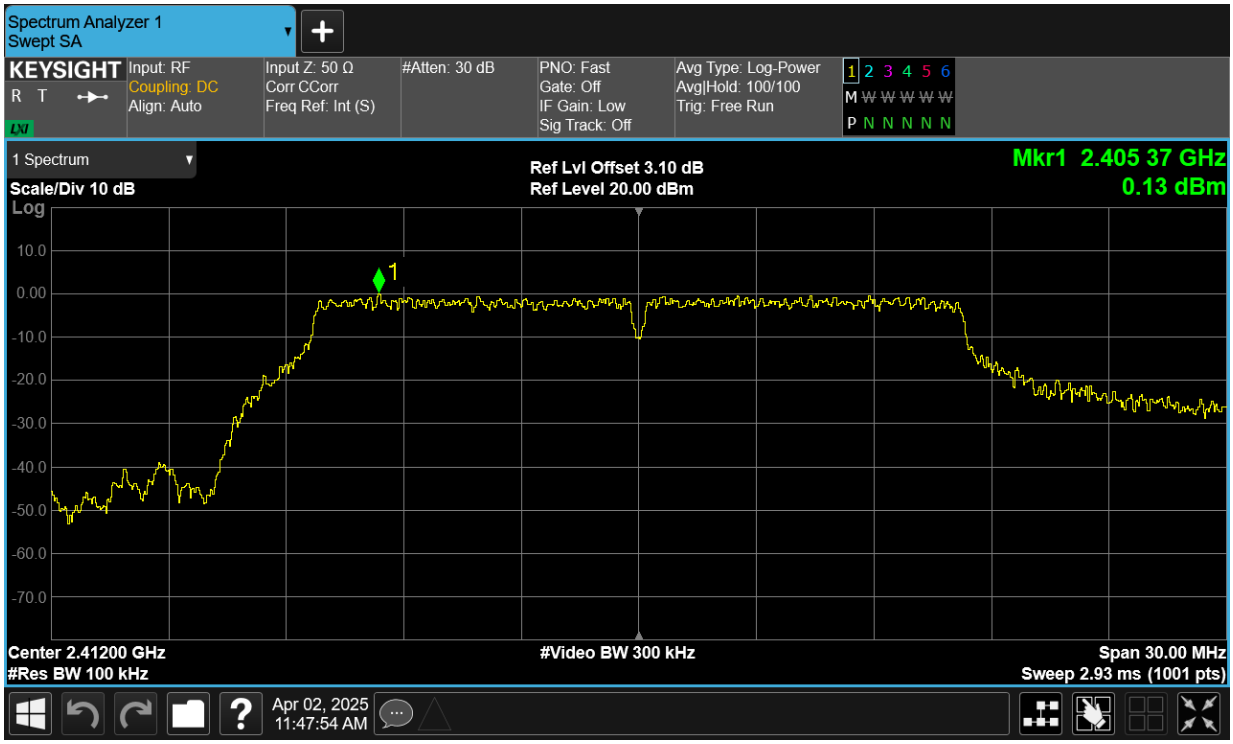
Band Edge NVNT b 2462MHz Ant8 Ref



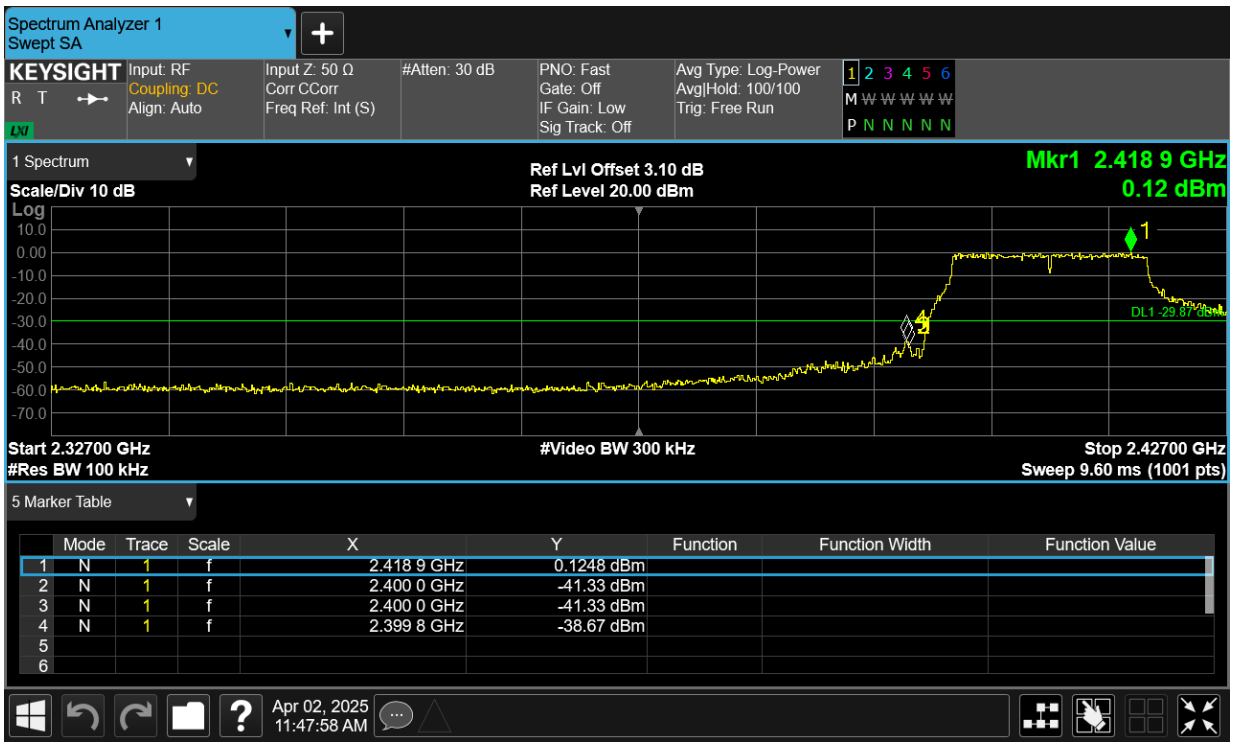
Band Edge NVNT b 2462MHz Ant8 Emission



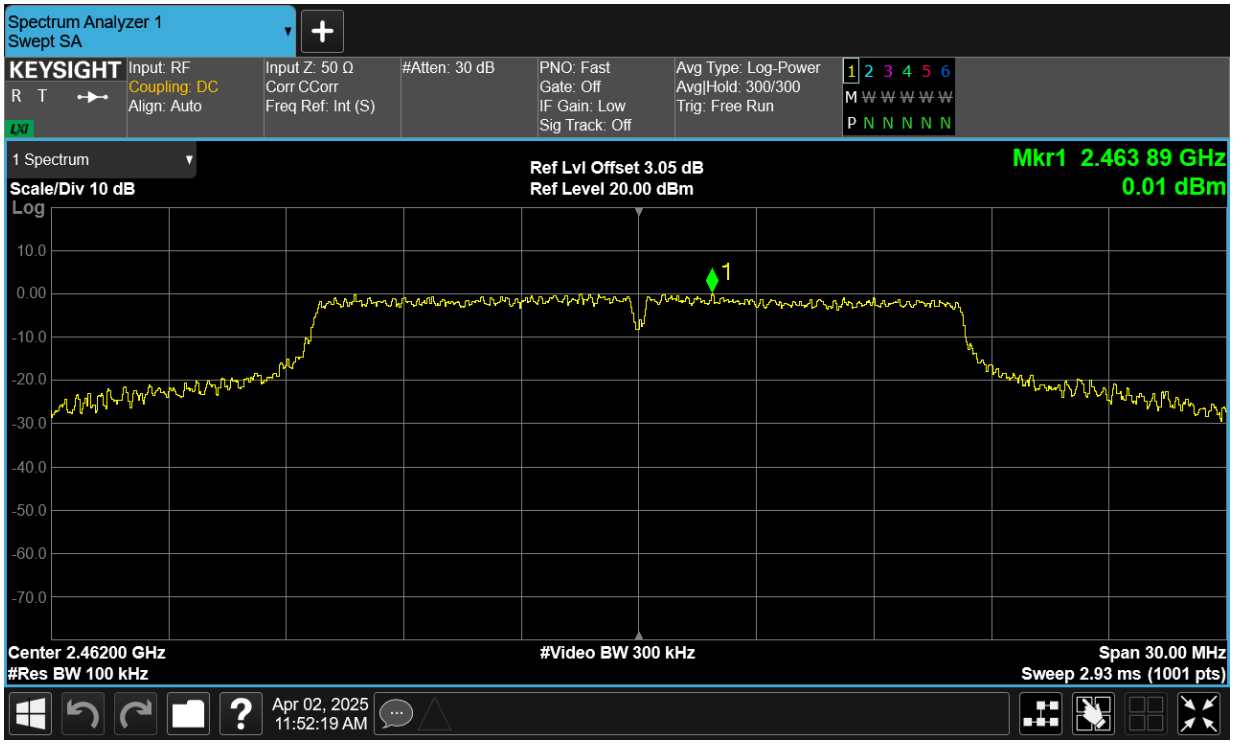
Band Edge NVNT g 2412MHz Ant0 Ref



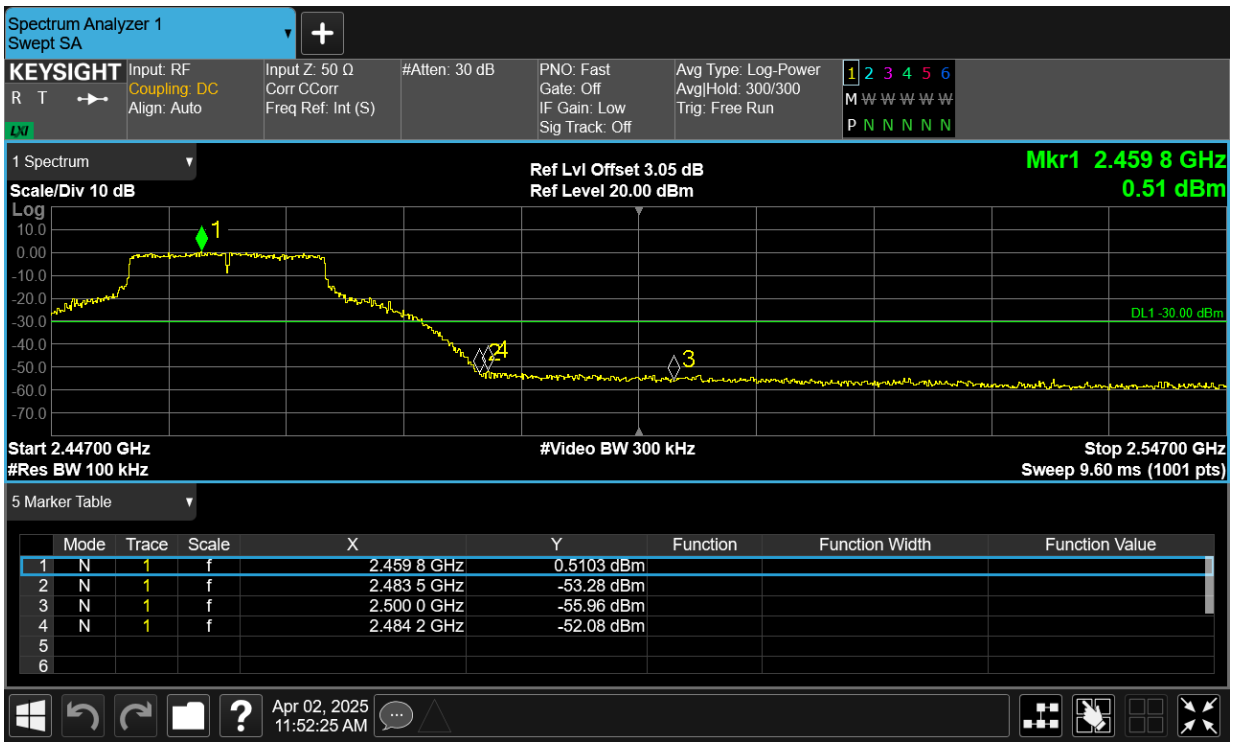
Band Edge NVNT g 2412MHz Ant0 Emission



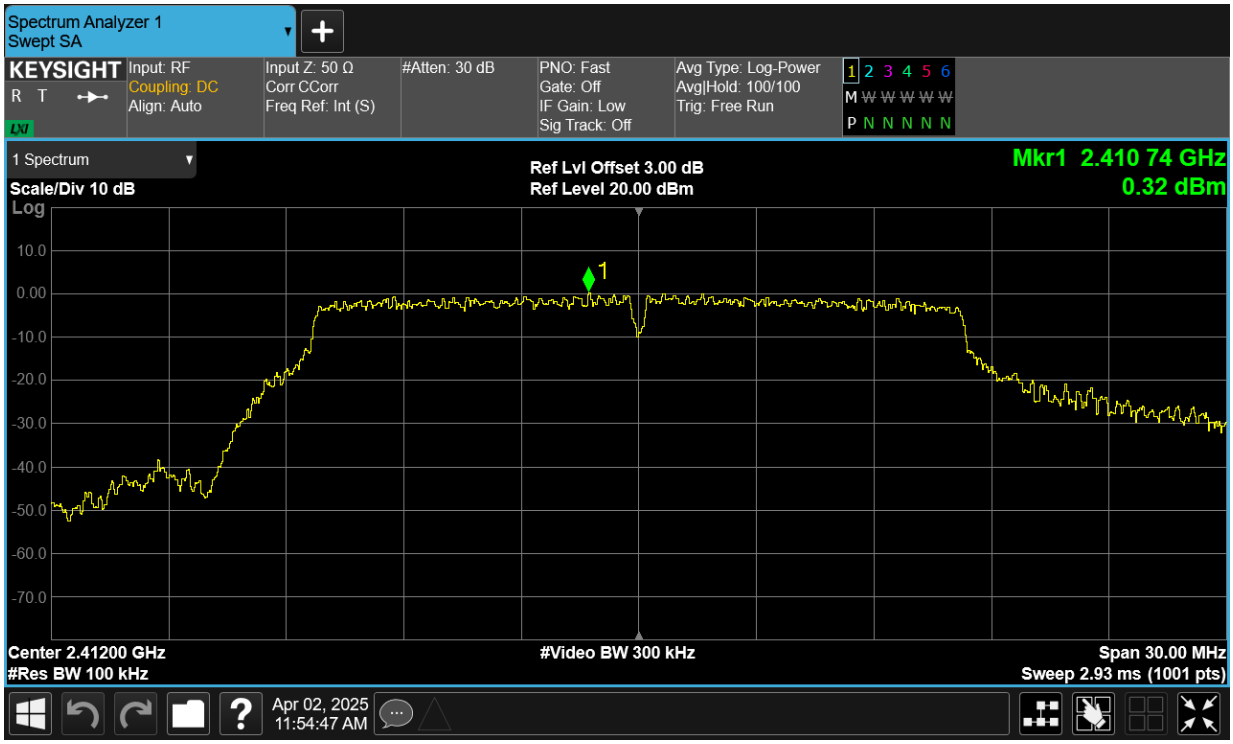
Band Edge NVNT g 2462MHz Ant0 Ref



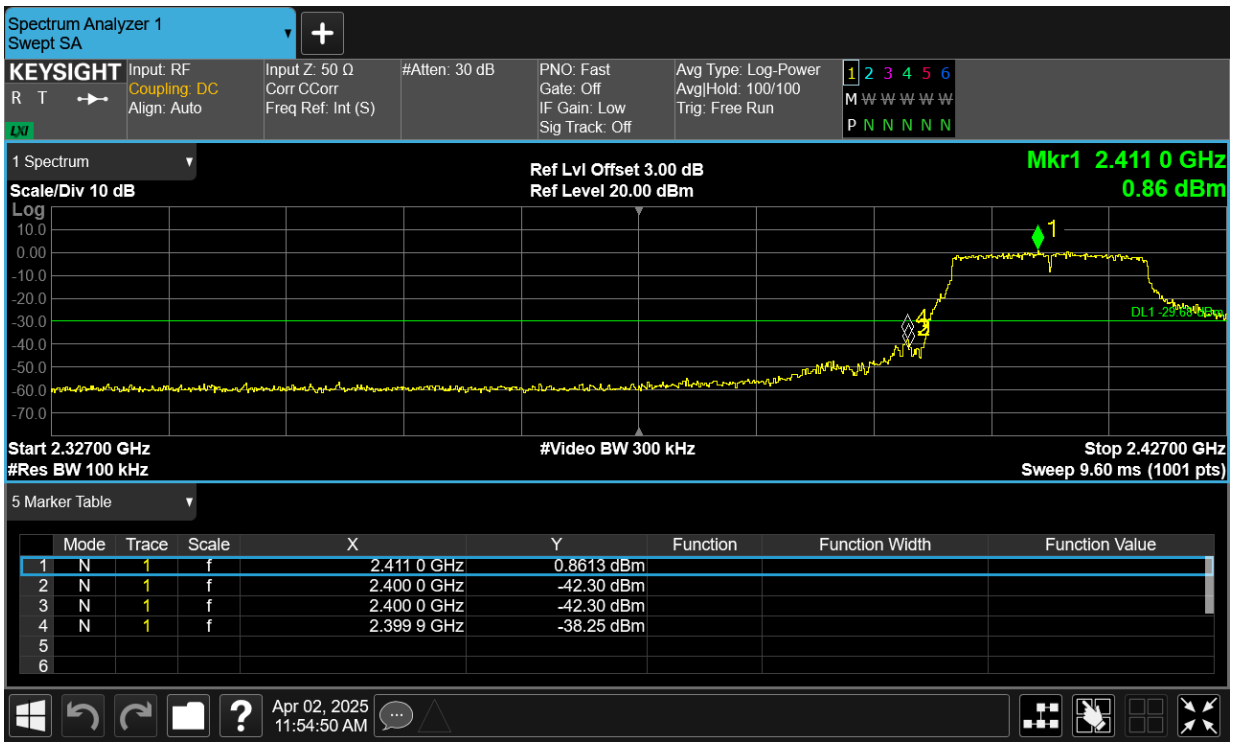
Band Edge NVNT g 2462MHz Ant0 Emission



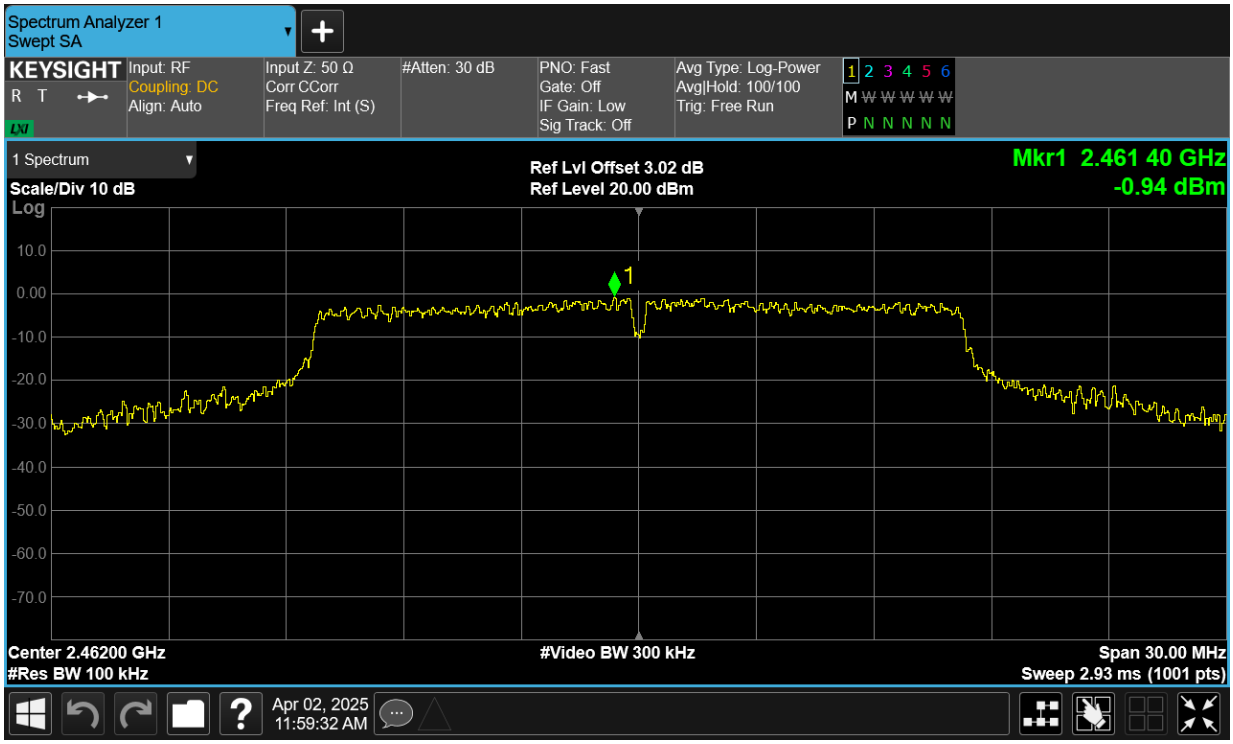
Band Edge NVNT g 2412MHz Ant8 Ref



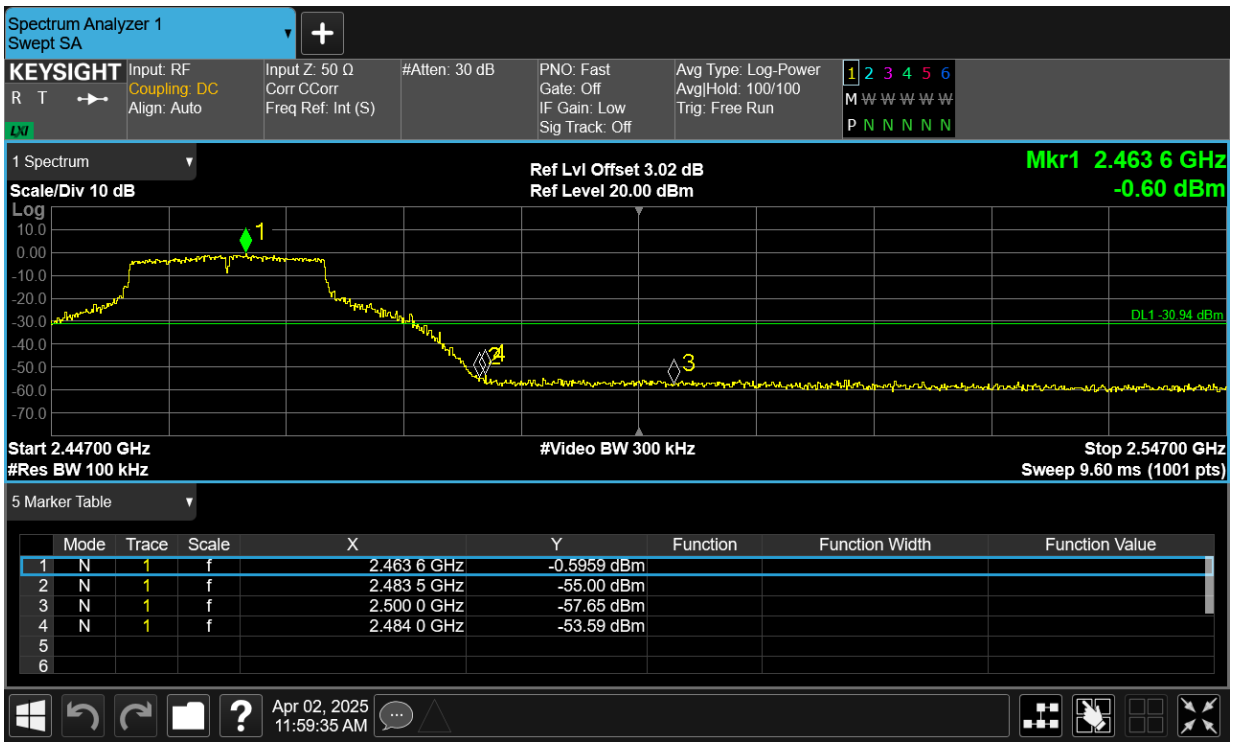
Band Edge NVNT g 2412MHz Ant8 Emission



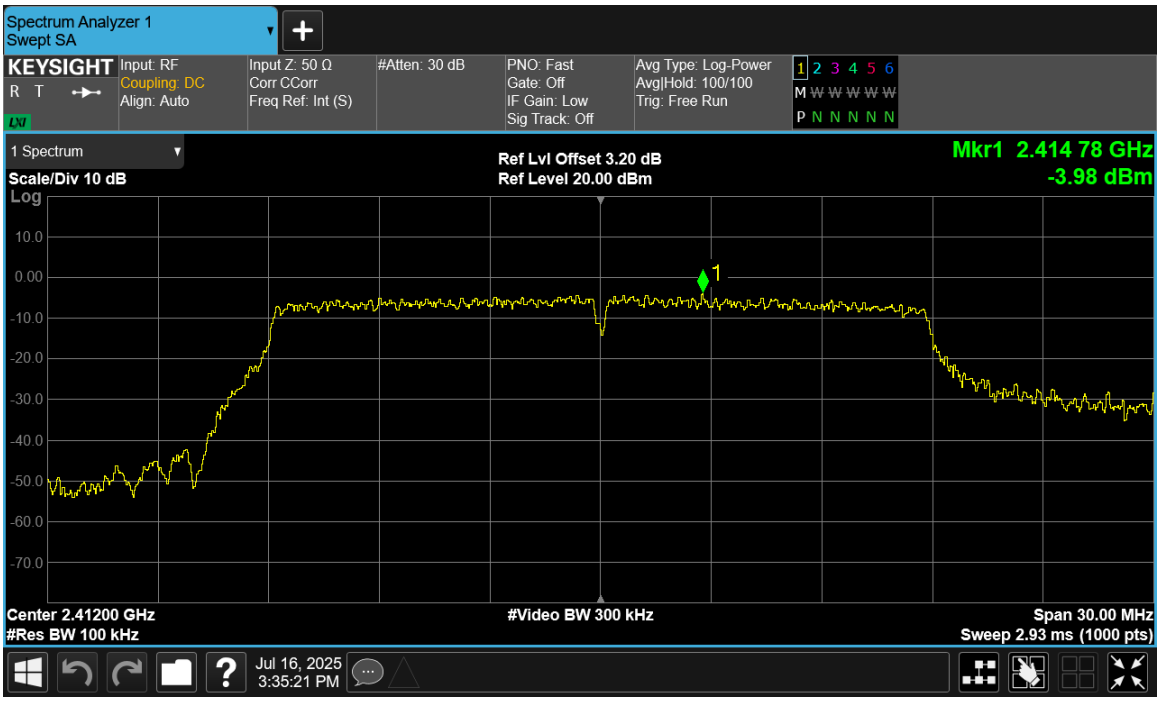
Band Edge NVNT g 2462MHz Ant8 Ref



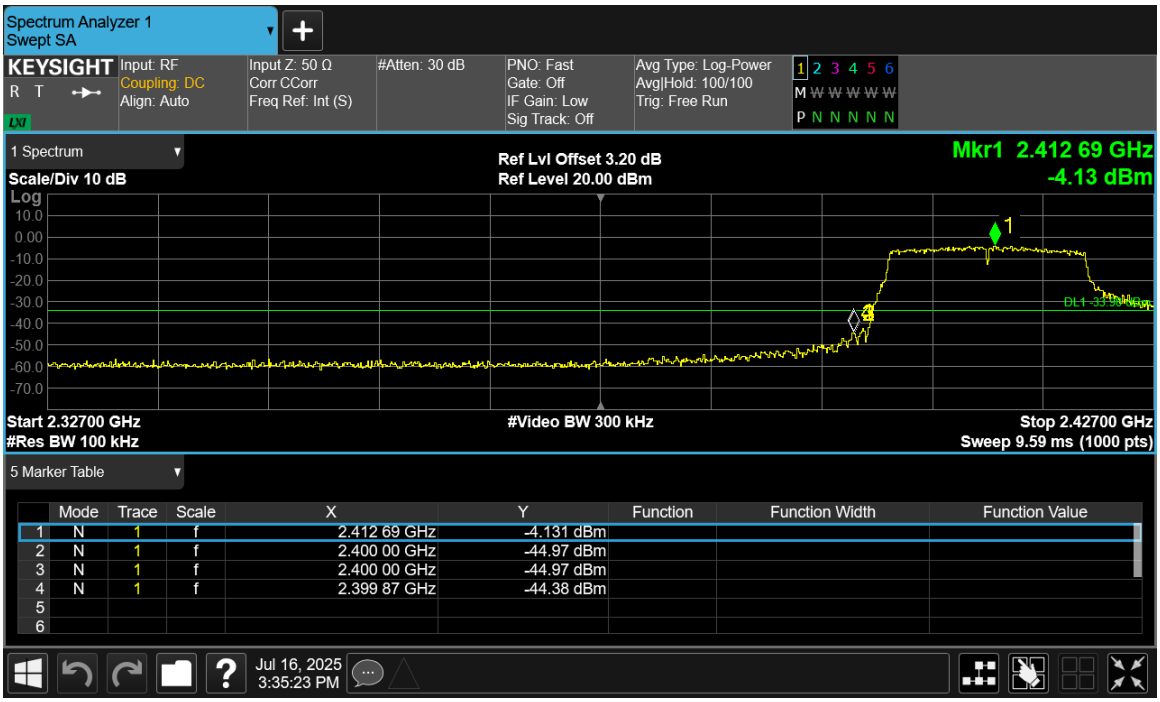
Band Edge NVNT g 2462MHz Ant8 Emission



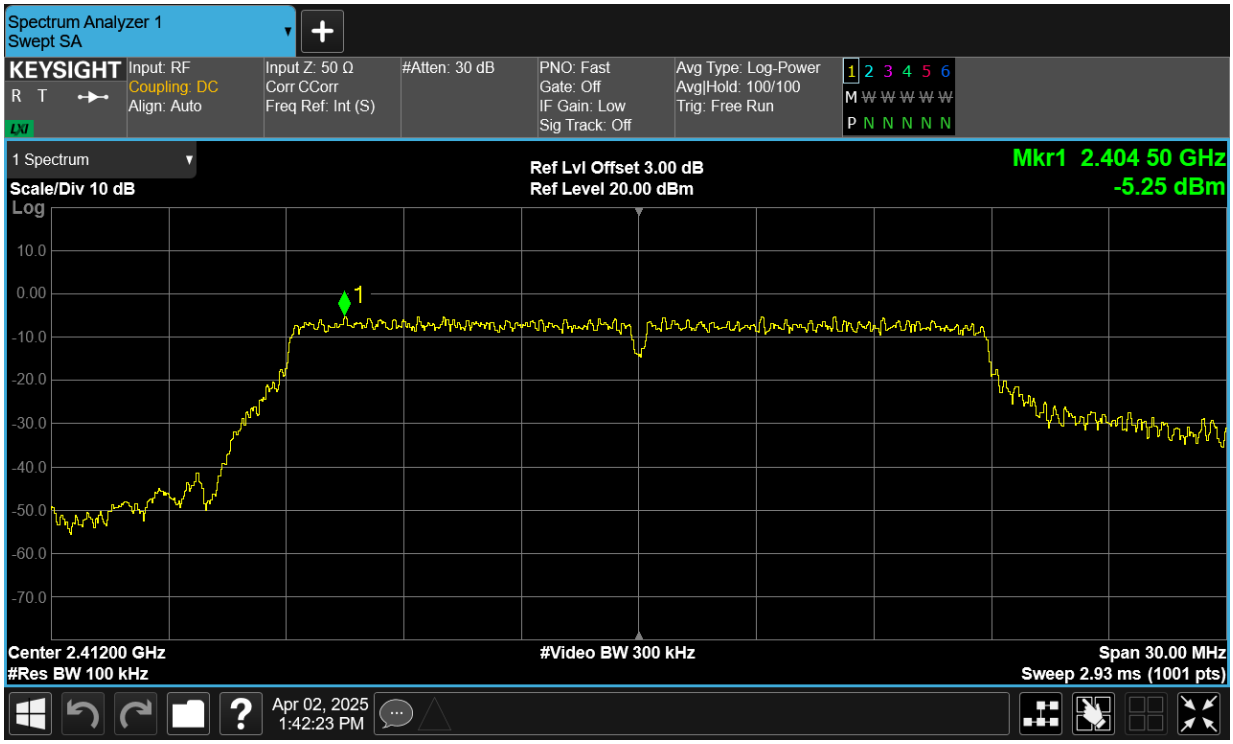
Band Edge NVNT n20 2412MHz Ant0 Ref



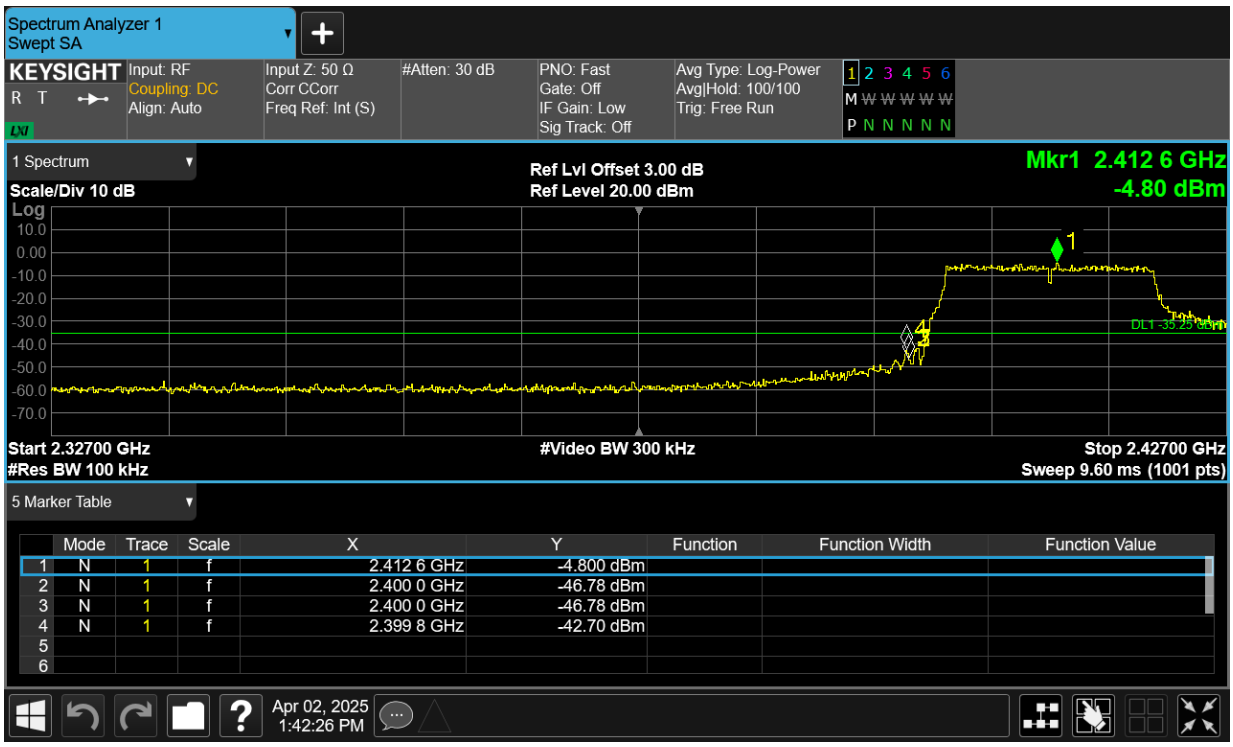
Band Edge NVNT n20 2412MHz Ant0 Emission



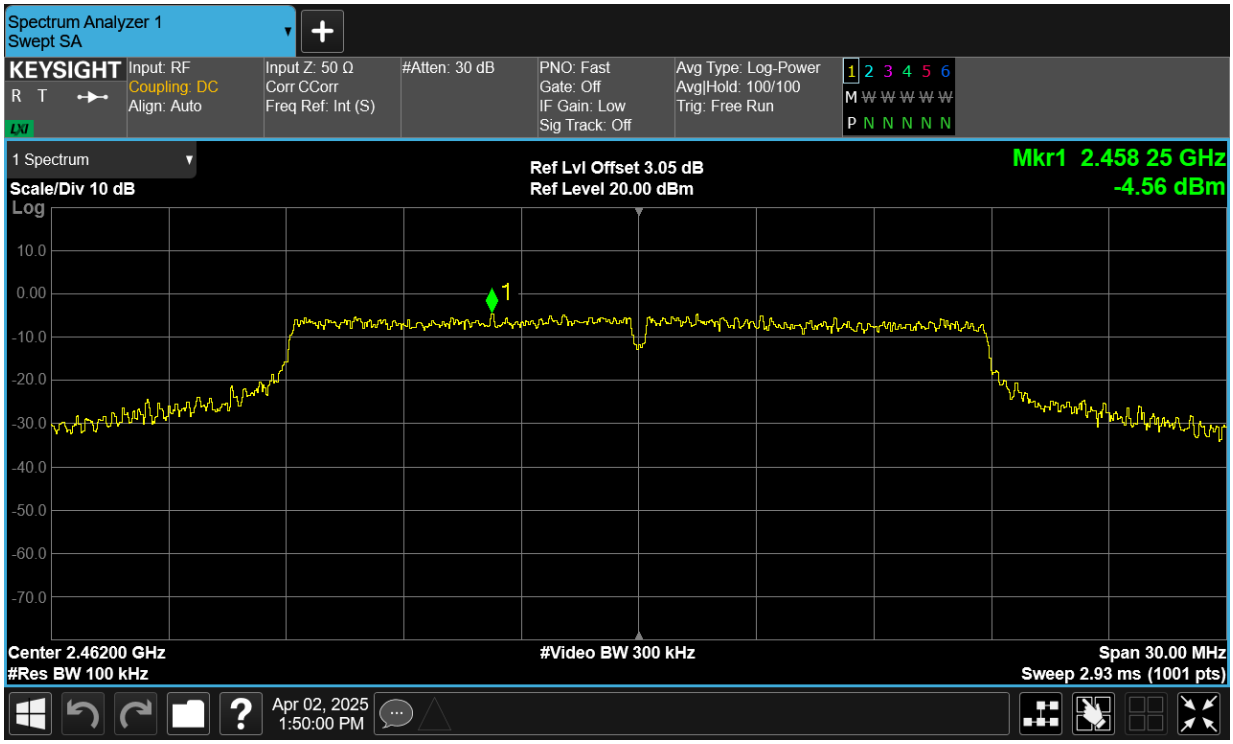
Band Edge NVNT n20 2412MHz Ant8 Ref



Band Edge NVNT n20 2412MHz Ant8 Emission

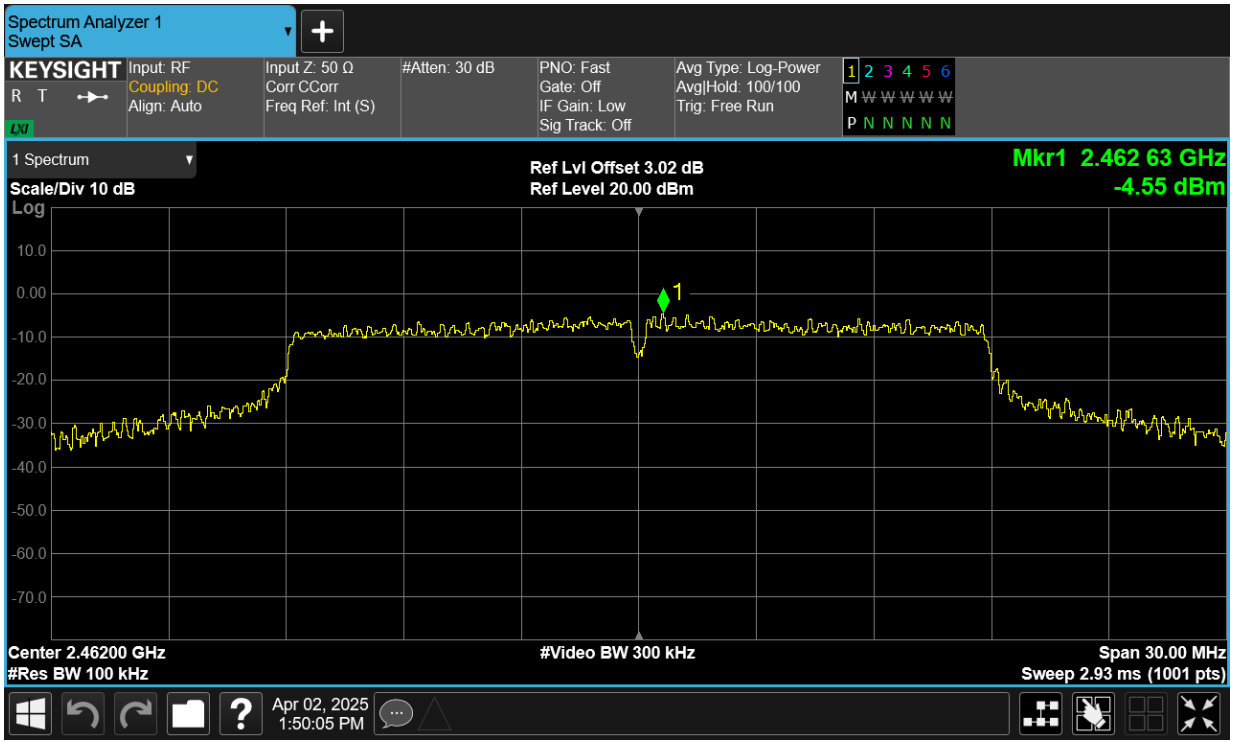


Band Edge NVNT n20 2462MHz Ant0 Ref

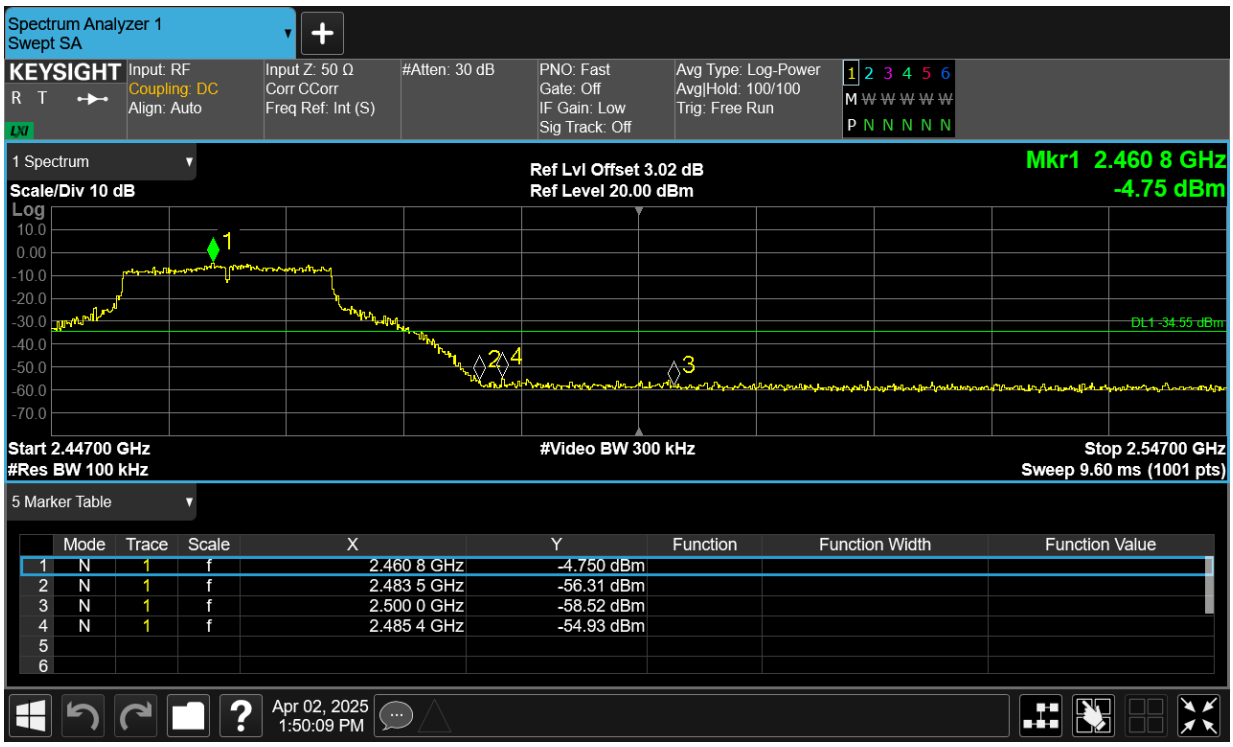


Band Edge NVNT n20 2462MHz Ant0 Emission

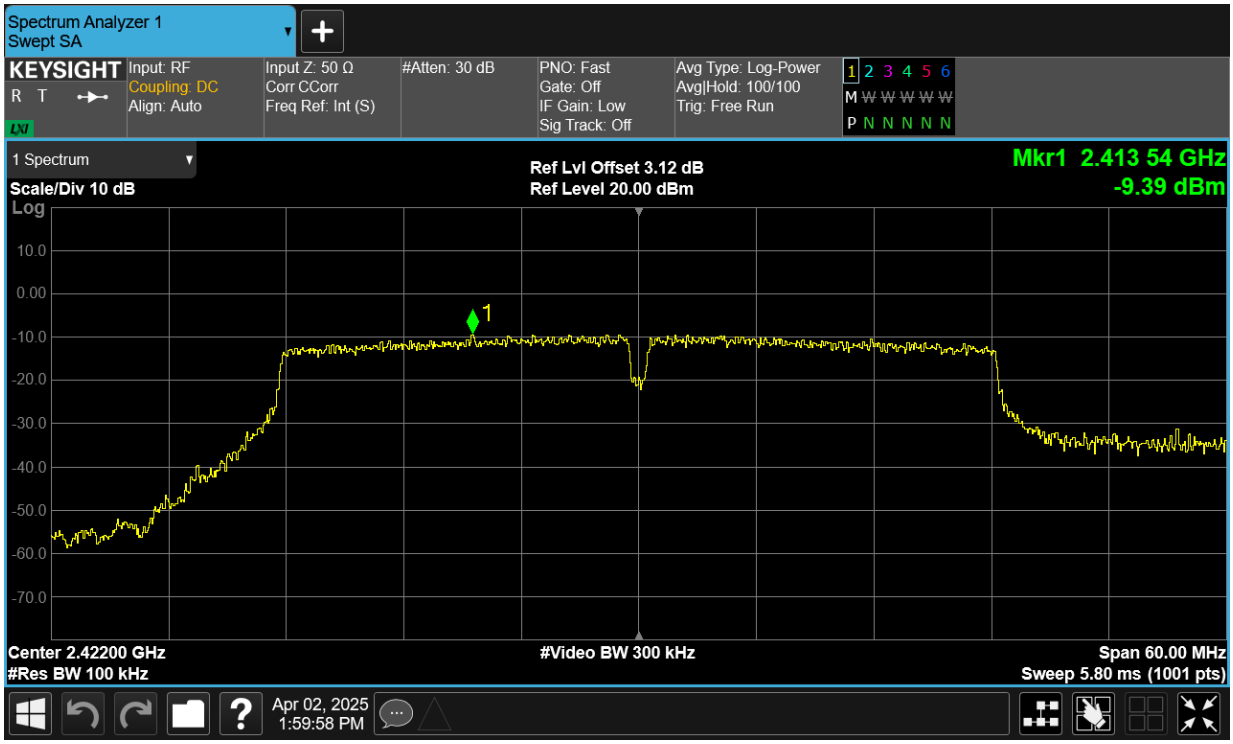
Band Edge NVNT n20 2462MHz Ant8 Ref



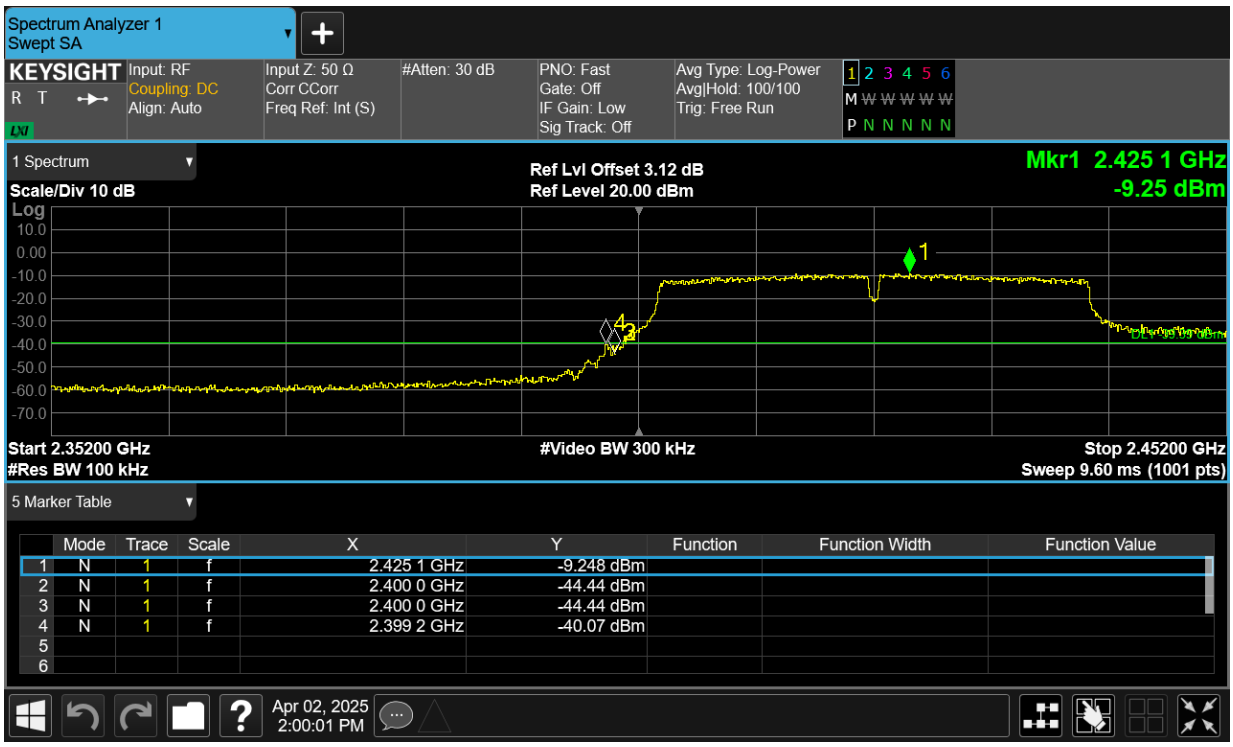
Band Edge NVNT n20 2462MHz Ant8 Emission



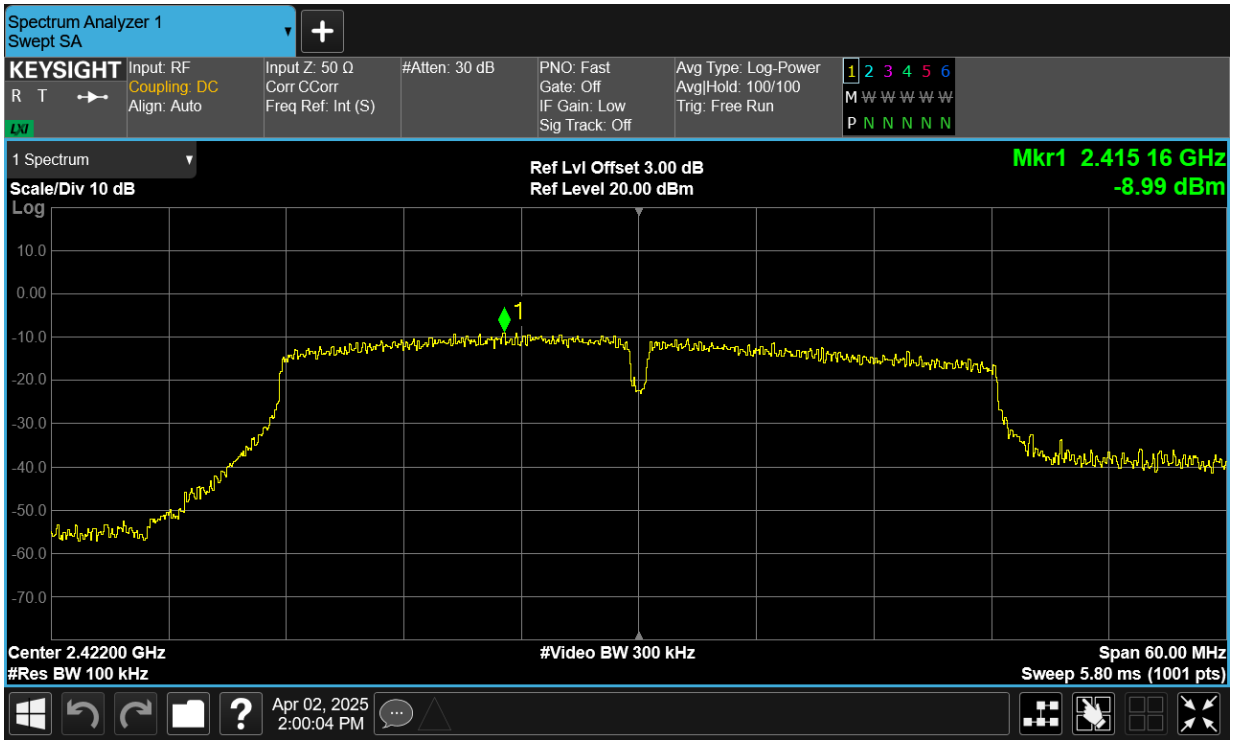
Band Edge NVNT n40 2422MHz Ant0 Ref



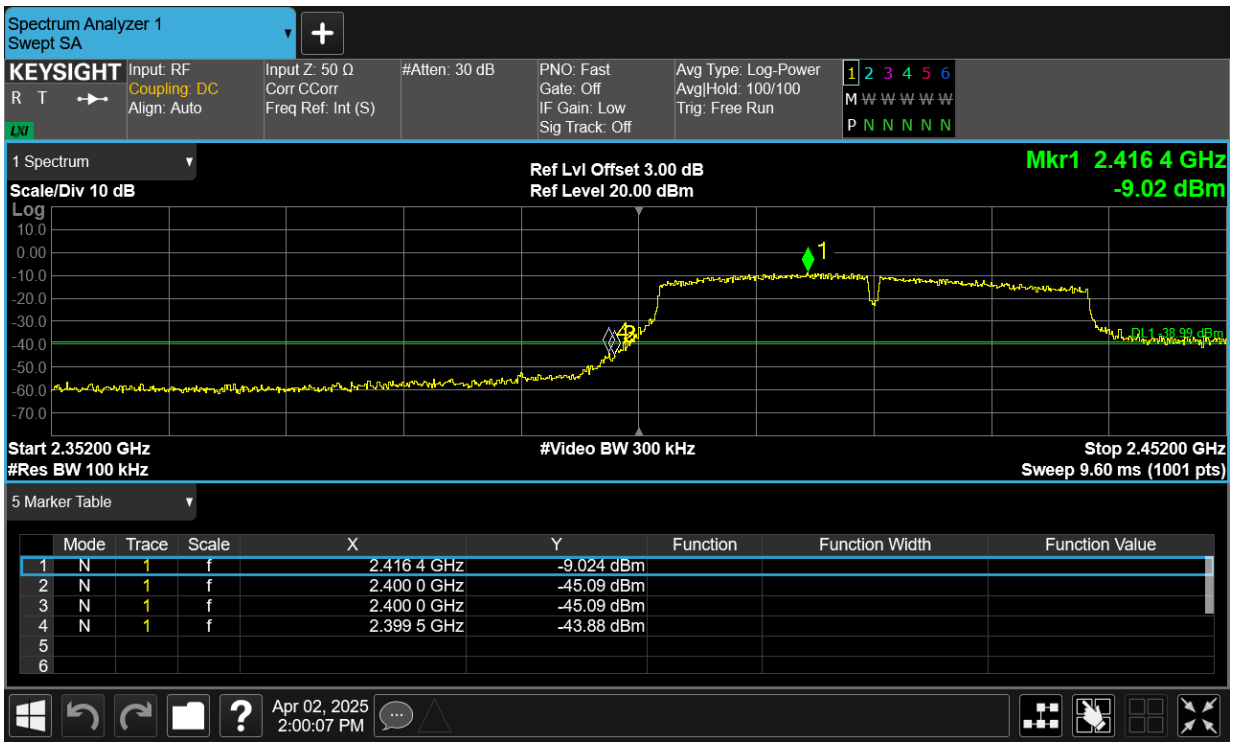
Band Edge NVNT n40 2422MHz Ant0 Emission



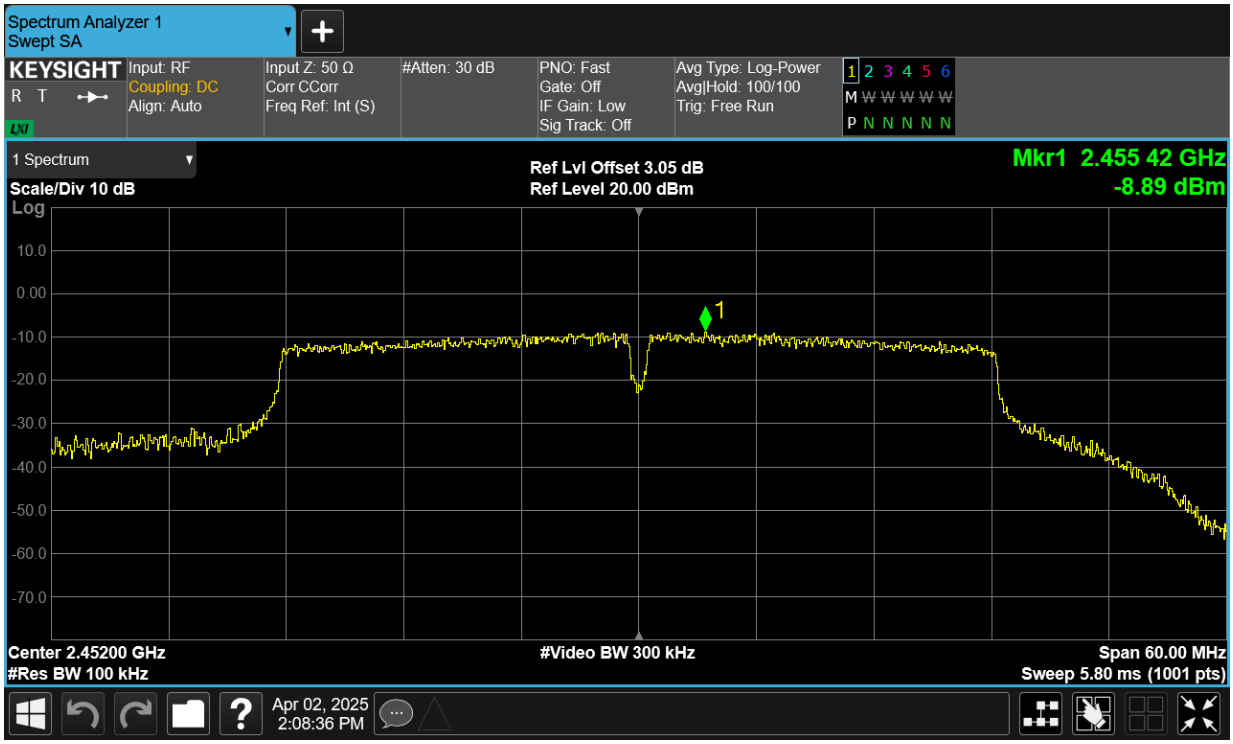
Band Edge NVNT n40 2422MHz Ant8 Ref



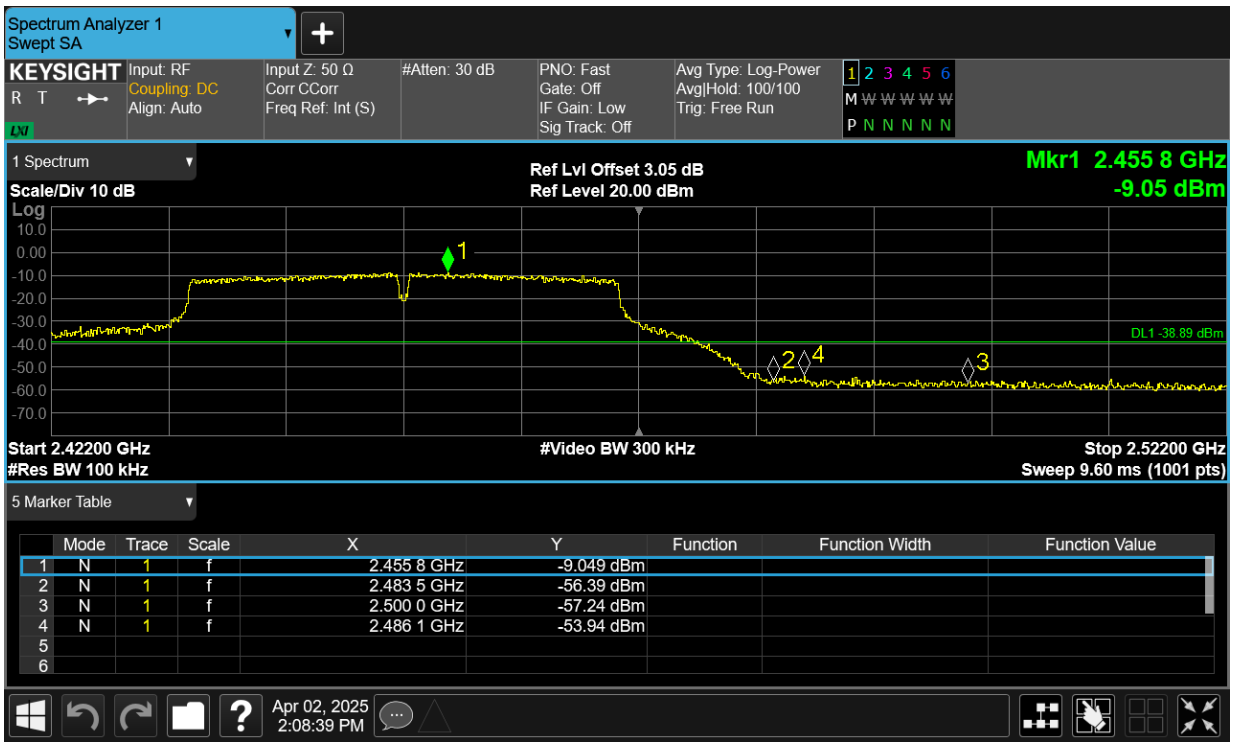
Band Edge NVNT n40 2422MHz Ant8 Emission



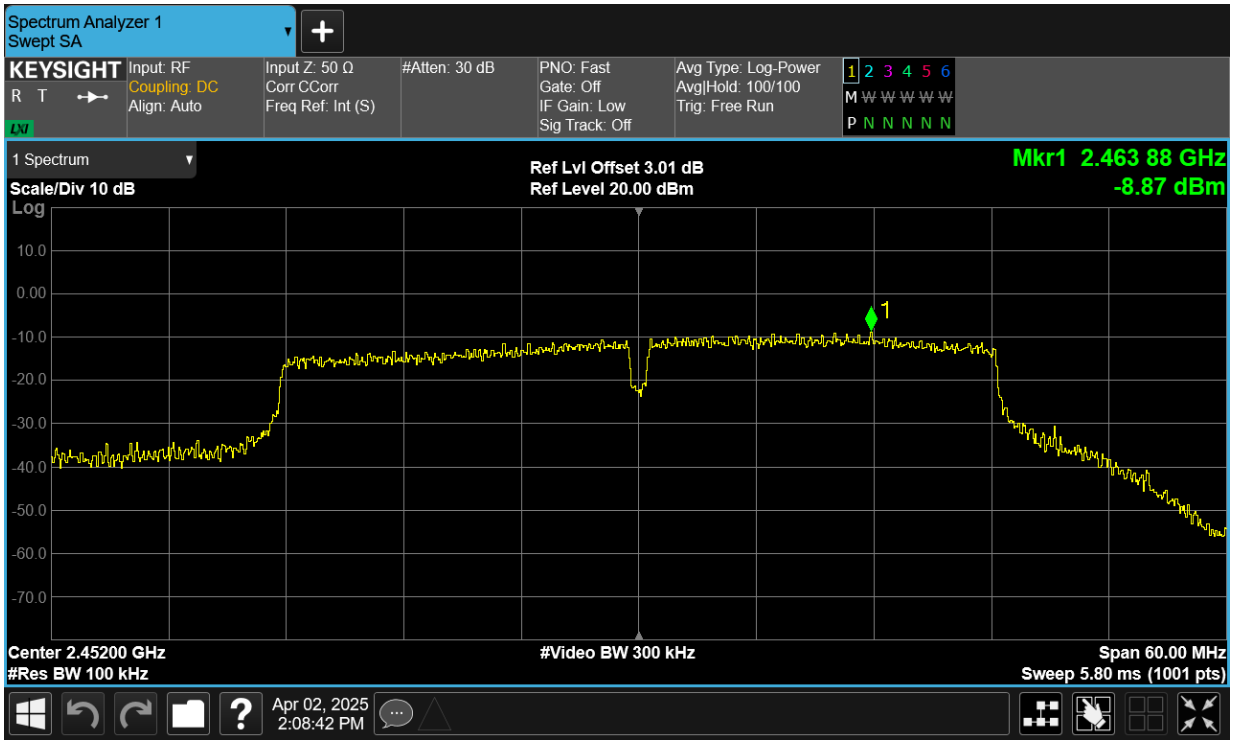
Band Edge NVNT n40 2452MHz Ant0 Ref



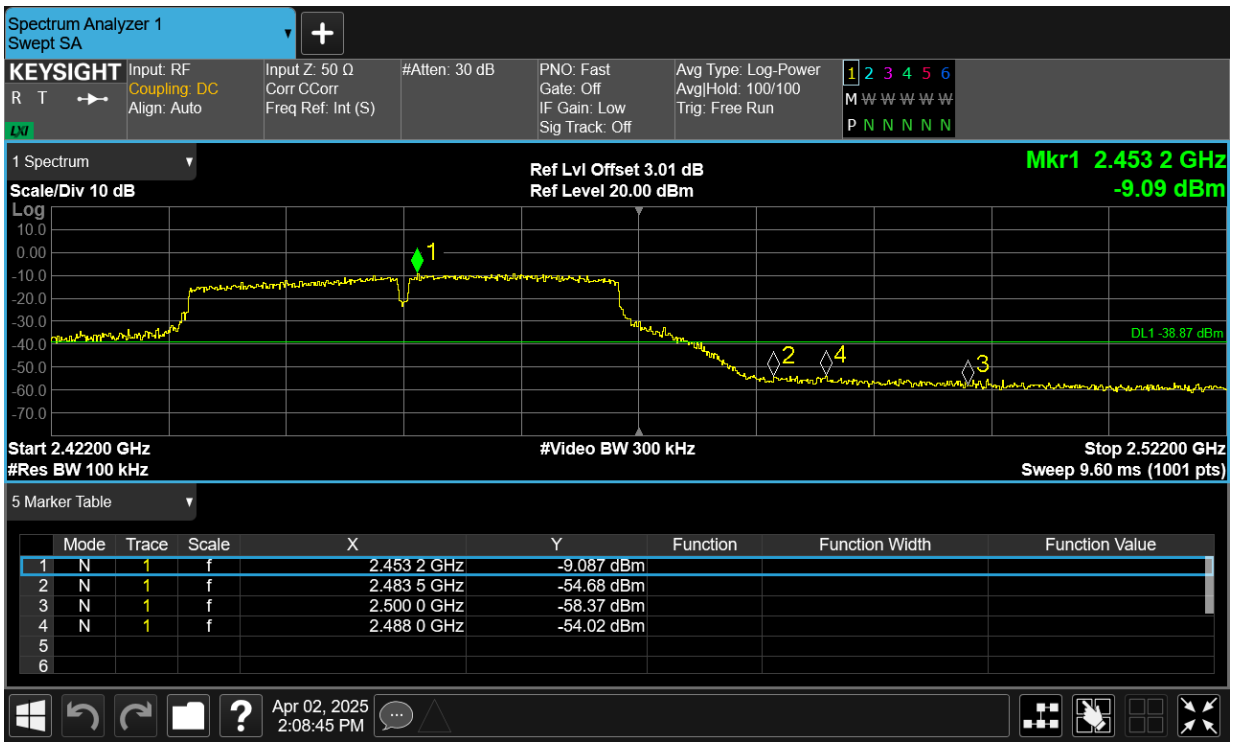
Band Edge NVNT n40 2452MHz Ant0 Emission



Band Edge NVNT n40 2452MHz Ant8 Ref



Band Edge NVNT n40 2452MHz Ant8 Emission



Conducted RF Spurious Emission

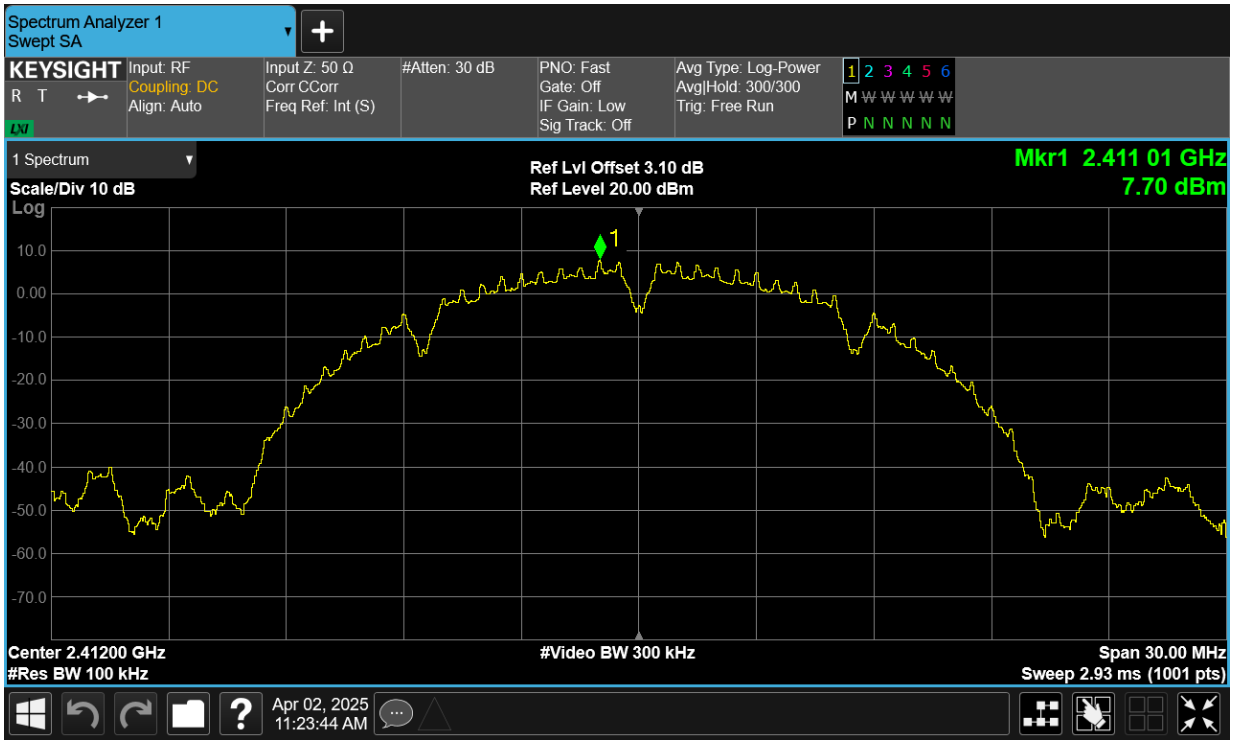
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Correction factor	Eventually Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant0	-55.71	3.01	-52.7	-30	Pass
NVNT	b	2437	Ant0	-56.35	3.01	-53.34	-30	Pass
NVNT	b	2462	Ant0	-56.97	3.01	-53.96	-30	Pass
NVNT	b	2412	Ant8	-54.72	3.01	-51.71	-30	Pass
NVNT	b	2437	Ant8	-55.04	3.01	-52.03	-30	Pass
NVNT	b	2462	Ant8	-55.64	3.01	-52.63	-30	Pass
NVNT	g	2412	Ant0	-49.39	3.01	-46.38	-30	Pass
NVNT	g	2437	Ant0	-49.95	3.01	-46.94	-30	Pass
NVNT	g	2462	Ant0	-49.27	3.01	-46.26	-30	Pass
NVNT	g	2412	Ant8	-49.21	3.01	-46.2	-30	Pass
NVNT	g	2437	Ant8	-46.76	3.01	-43.75	-30	Pass
NVNT	g	2462	Ant8	-47.85	3.01	-44.84	-30	Pass
NVNT	n20	2412	Ant0	-42.94	3.01	-39.93	-30	Pass
NVNT	n20	2412	Ant8	-43.31	3.01	-40.3	-30	Pass
NVNT	n20	2437	Ant0	-43.52	3.01	-40.51	-30	Pass
NVNT	n20	2437	Ant8	-43.06	3.01	-40.05	-30	Pass
NVNT	n20	2462	Ant0	-43.6	3.01	-40.59	-30	Pass
NVNT	n20	2462	Ant8	-43.08	3.01	-40.07	-30	Pass
NVNT	n40	2422	Ant0	-39.06	3.01	-36.05	-30	Pass
NVNT	n40	2422	Ant8	-40.17	3.01	-37.16	-30	Pass
NVNT	n40	2437	Ant0	-38.77	3.01	-35.76	-30	Pass
NVNT	n40	2437	Ant8	-36.62	3.01	-33.61	-30	Pass
NVNT	n40	2452	Ant0	-38.91	3.01	-35.9	-30	Pass
NVNT	n40	2452	Ant8	-39.08	3.01	-36.07	-30	Pass

Remark:

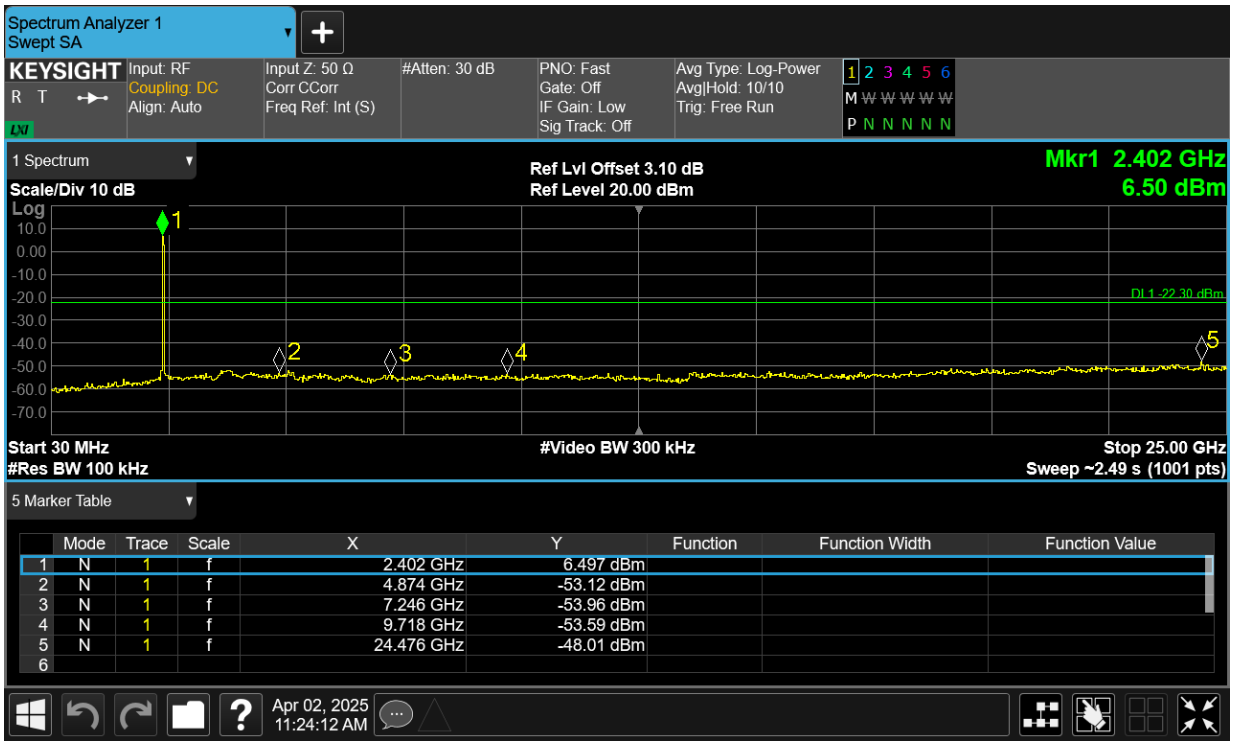
1. Rel Lvl Offset=External cable loss + Internal loss(Internal cable loss+ RF Control Unit loss+ Power Detector Box loss)
2. Internal loss: It varies with the test frequency.
3. Correction factor = 10 log(NANT)=10×log(2)=3.01

Test Graphs

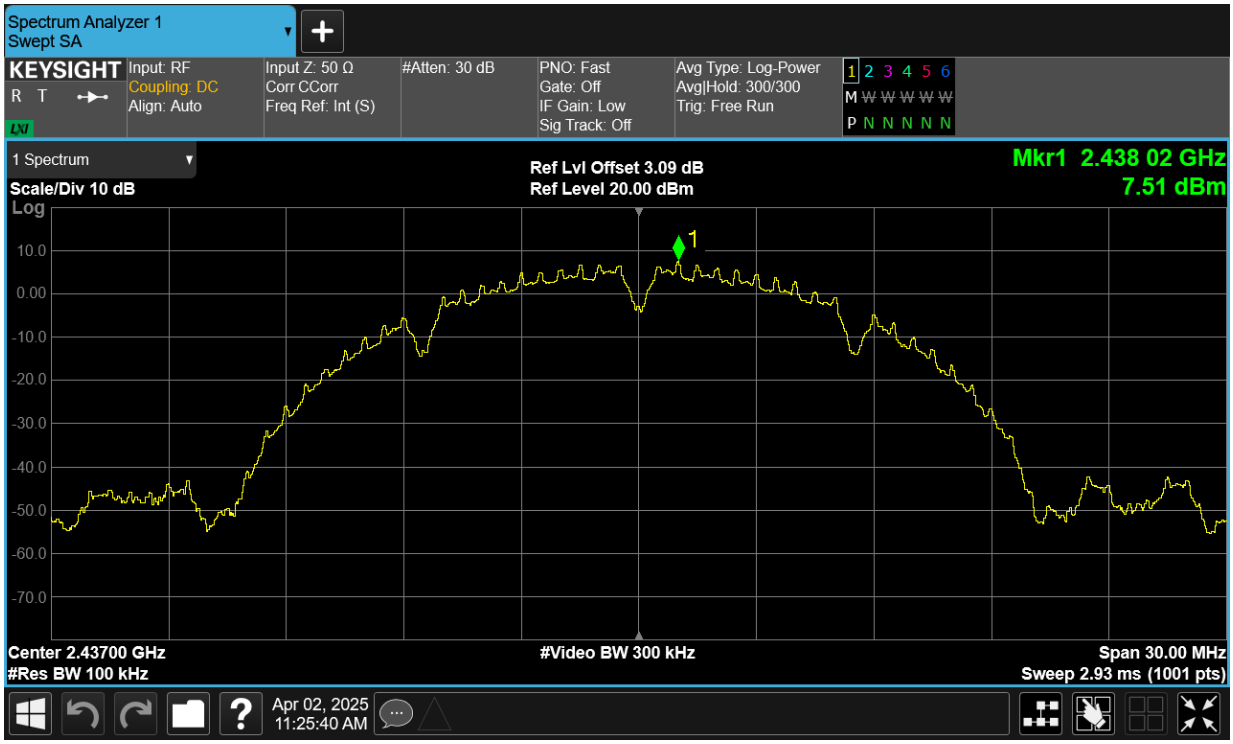
Tx. Spurious NVNT b 2412MHz Ant0 Ref



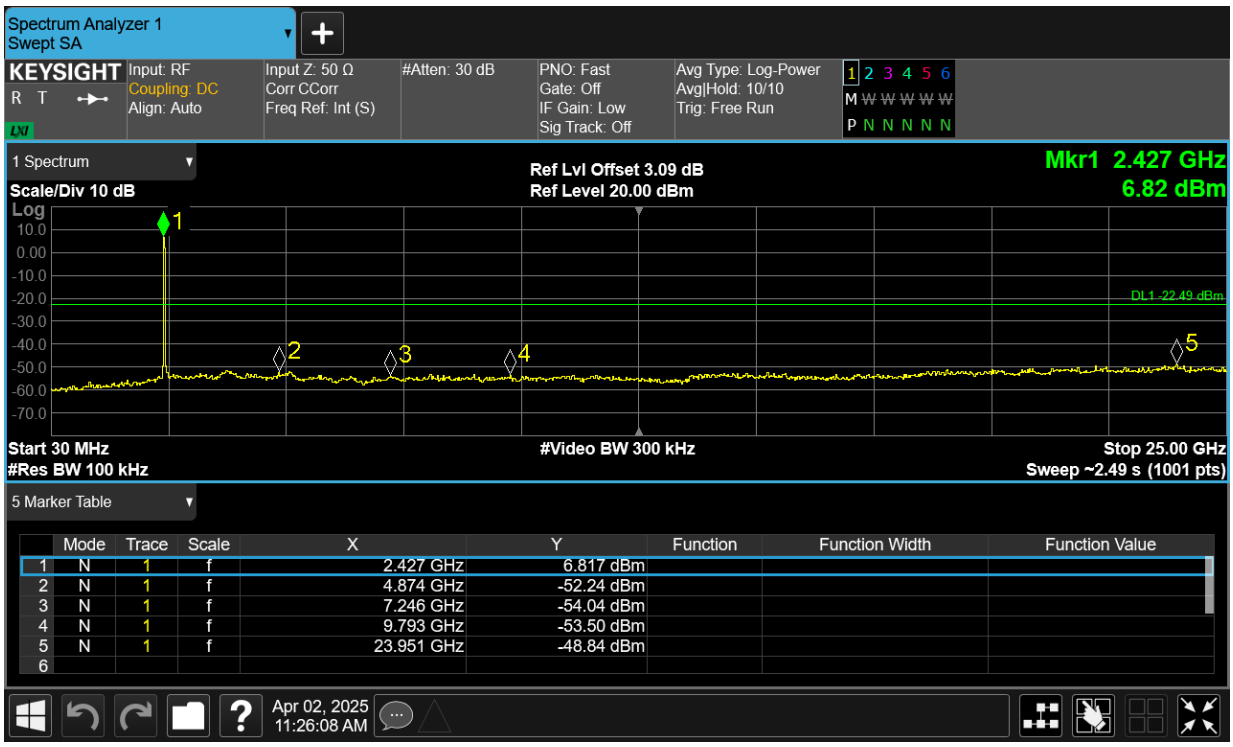
Tx. Spurious NVNT b 2412MHz Ant0 Emission



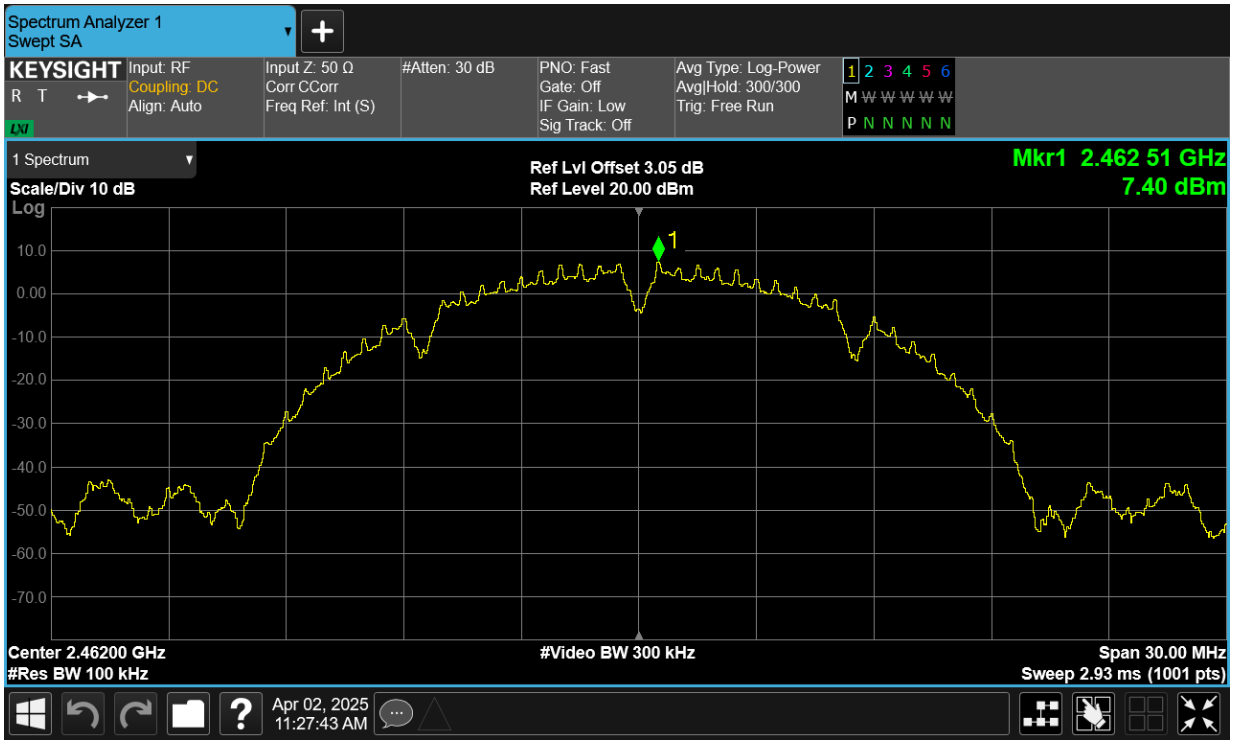
Tx. Spurious NVNT b 2437MHz Ant0 Ref



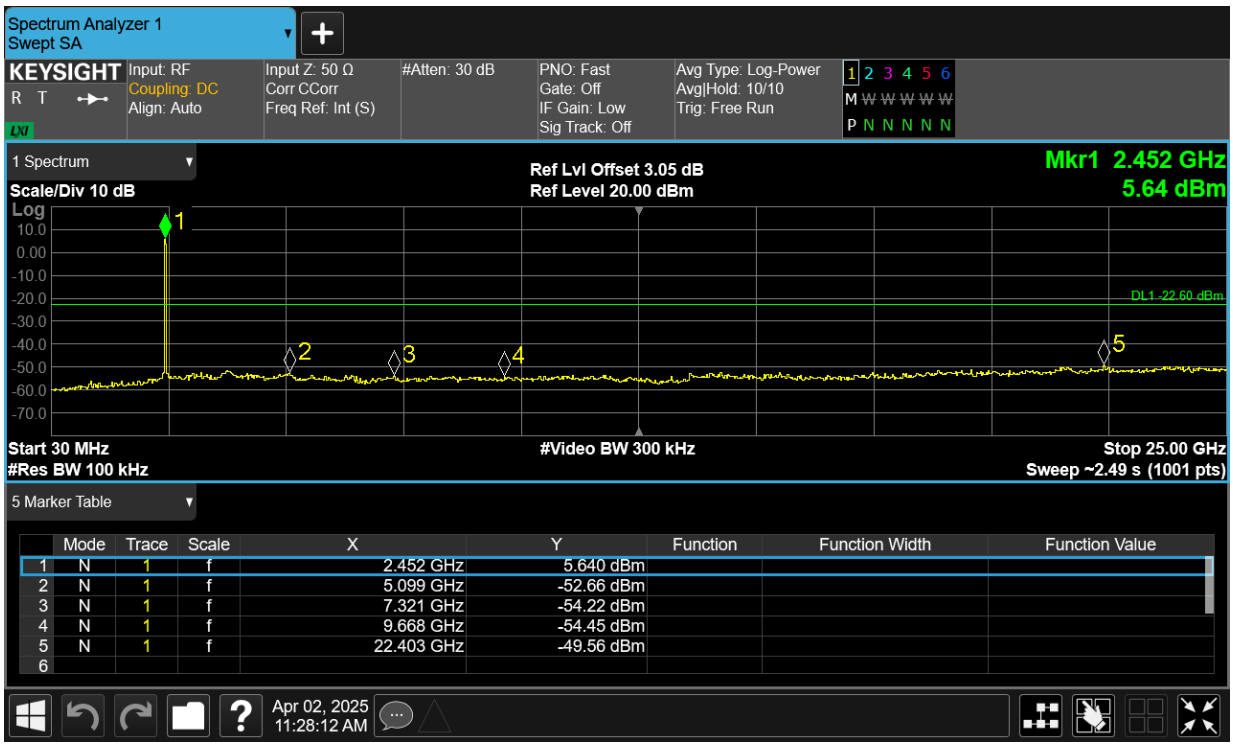
Tx. Spurious NVNT b 2437MHz Ant0 Emission



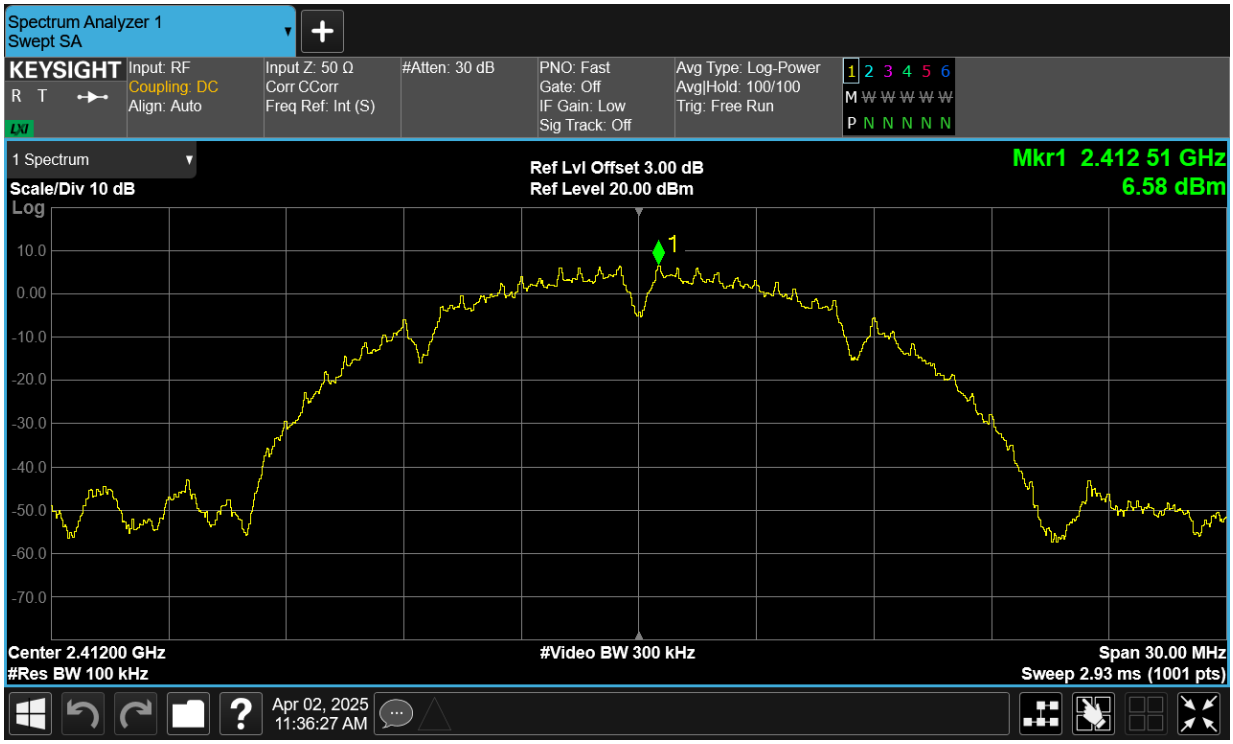
Tx. Spurious NVNT b 2462MHz Ant0 Ref



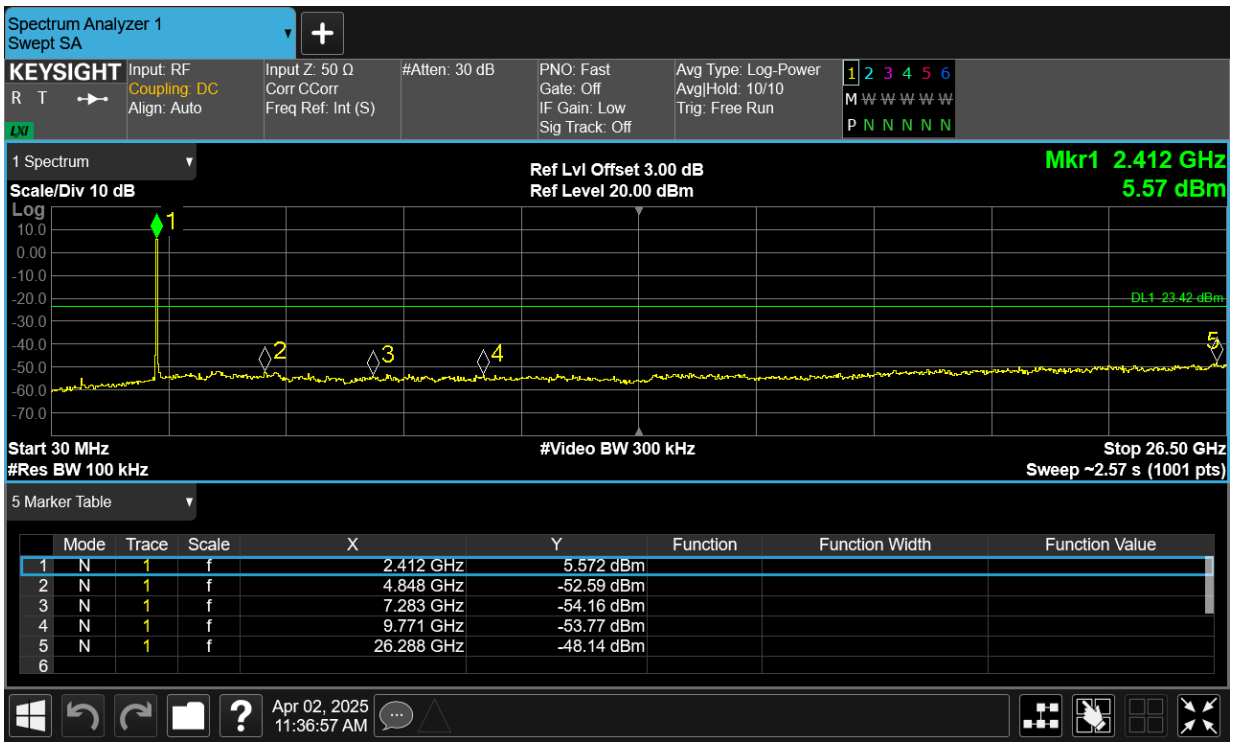
Tx. Spurious NVNT b 2462MHz Ant0 Emission



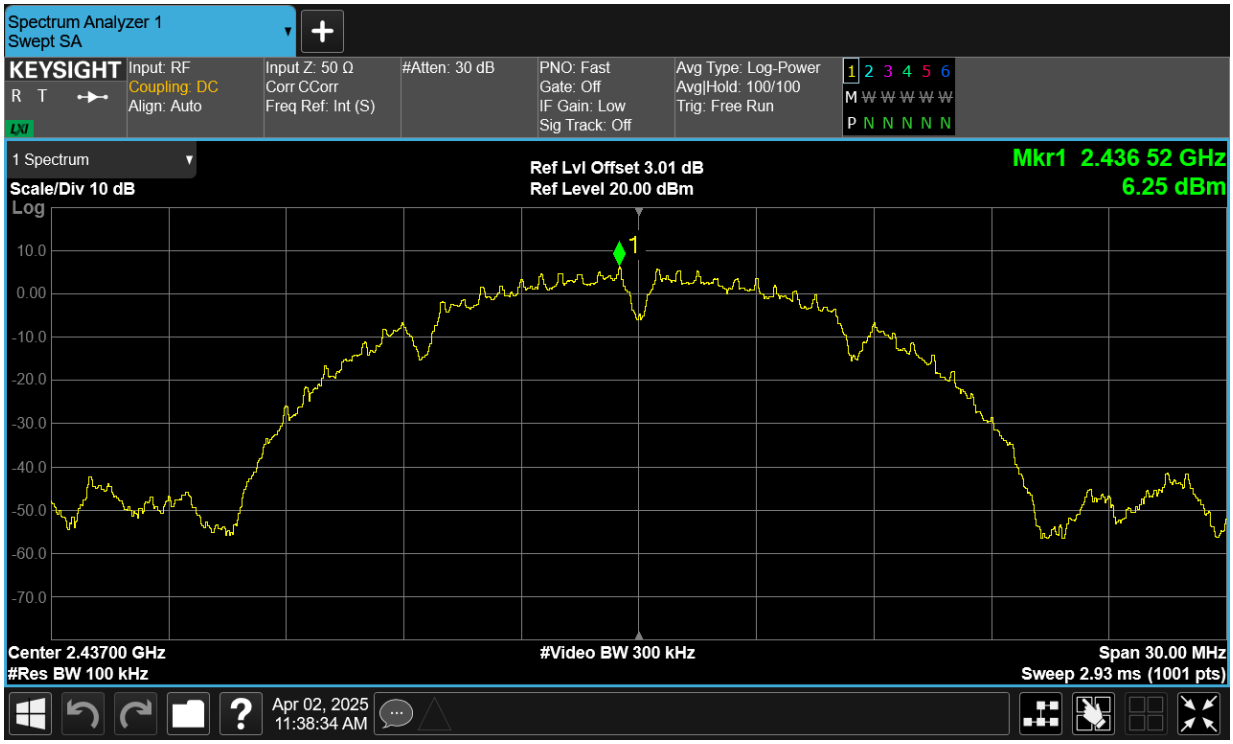
Tx. Spurious NVNT b 2412MHz Ant8 Ref



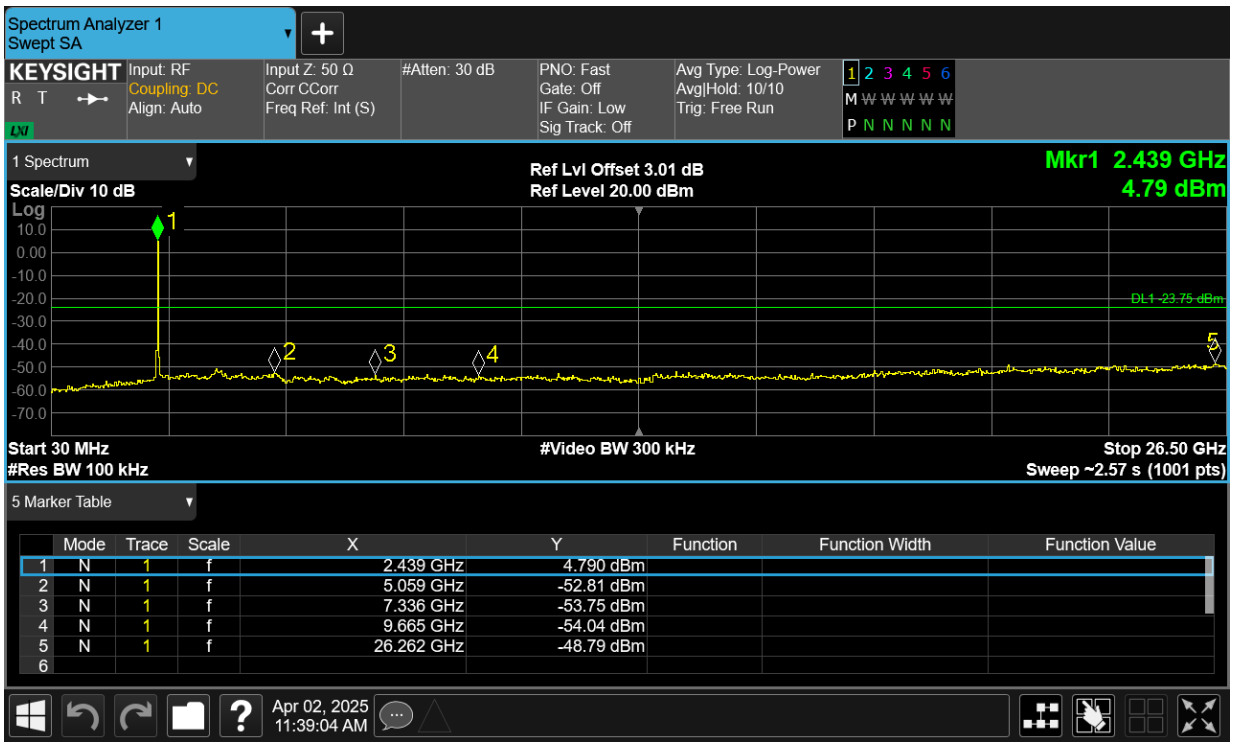
Tx. Spurious NVNT b 2412MHz Ant8 Emission



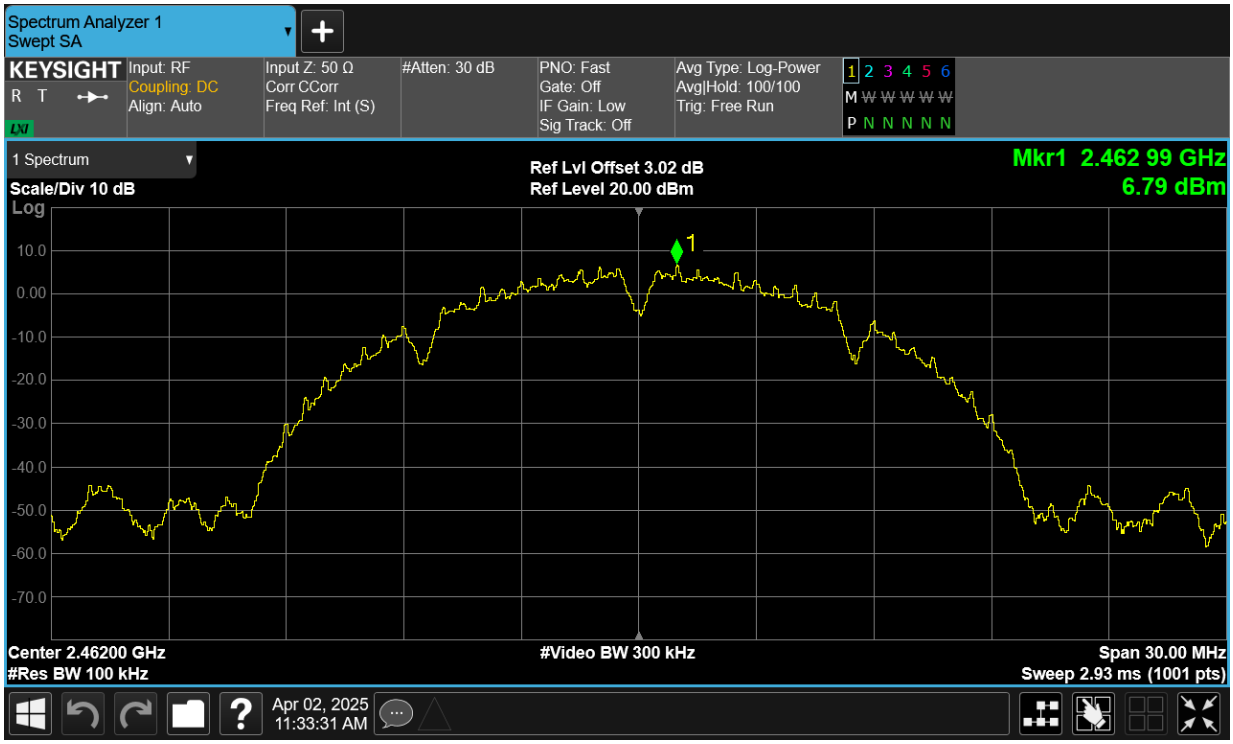
Tx. Spurious NVNT b 2437MHz Ant8 Ref



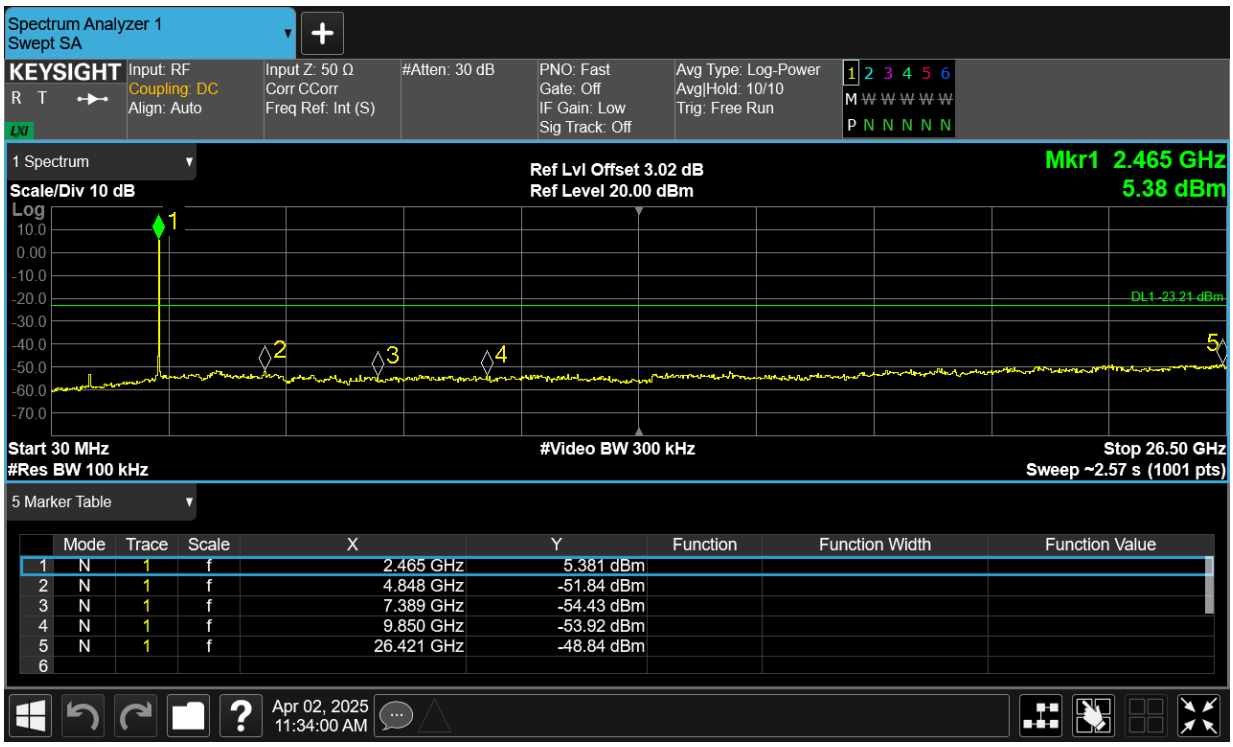
Tx. Spurious NVNT b 2437MHz Ant8 Emission



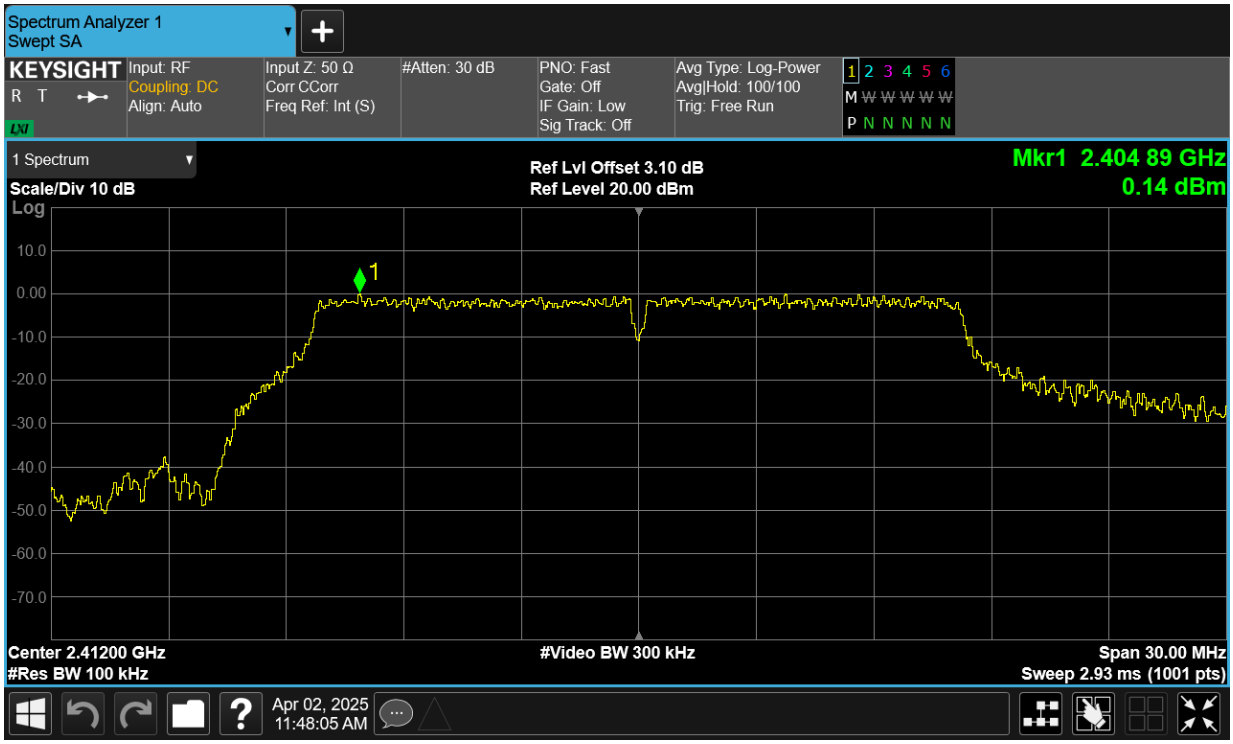
Tx. Spurious NVNT b 2462MHz Ant8 Ref



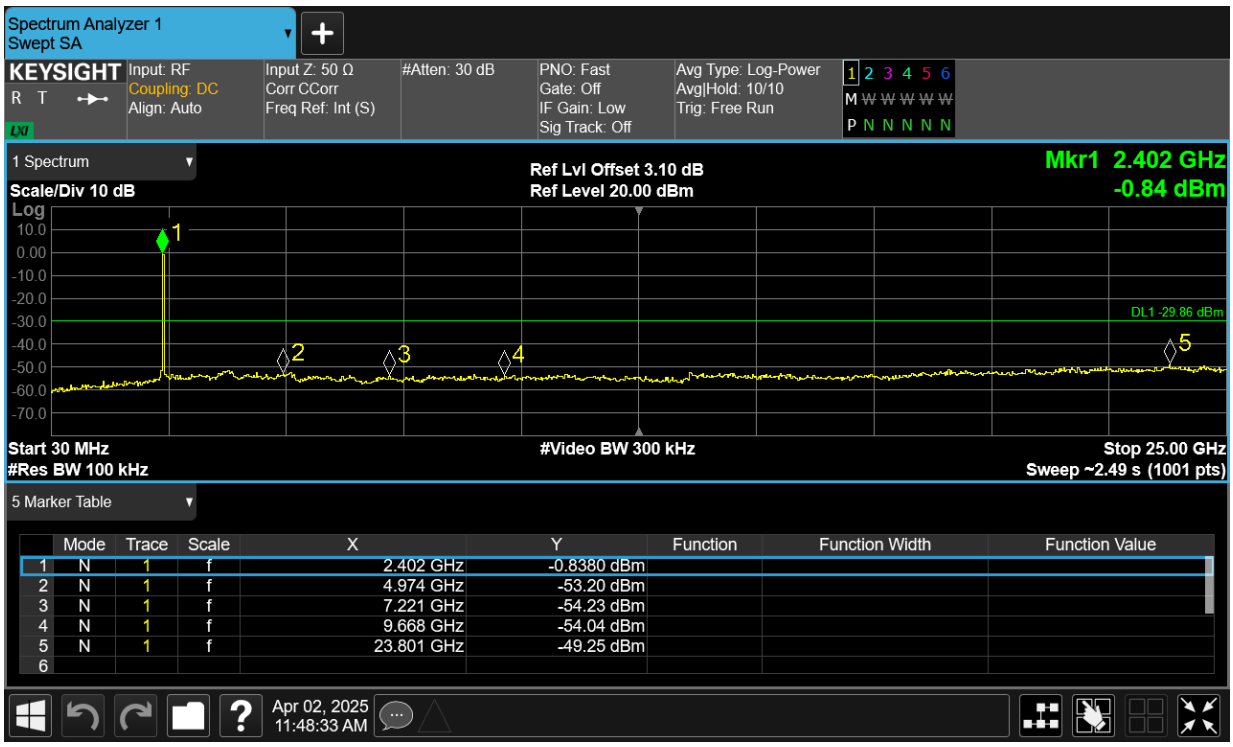
Tx. Spurious NVNT b 2462MHz Ant8 Emission



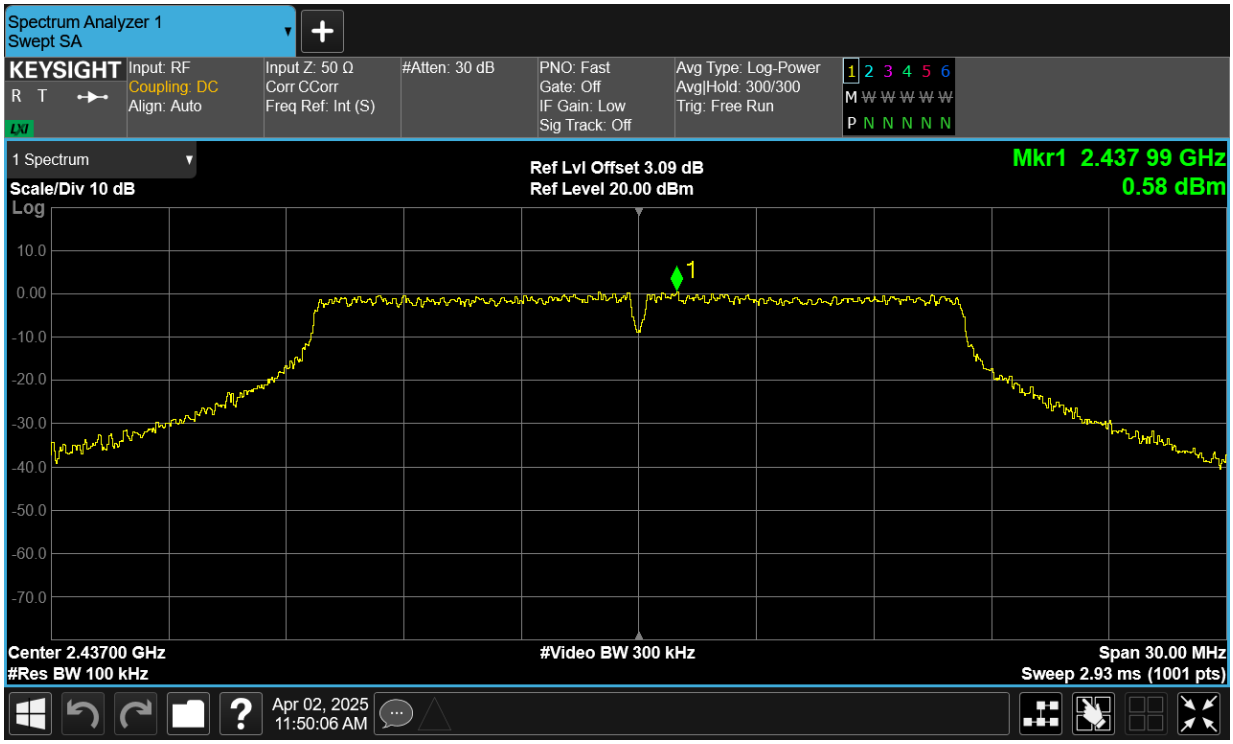
Tx. Spurious NVNT g 2412MHz Ant0 Ref



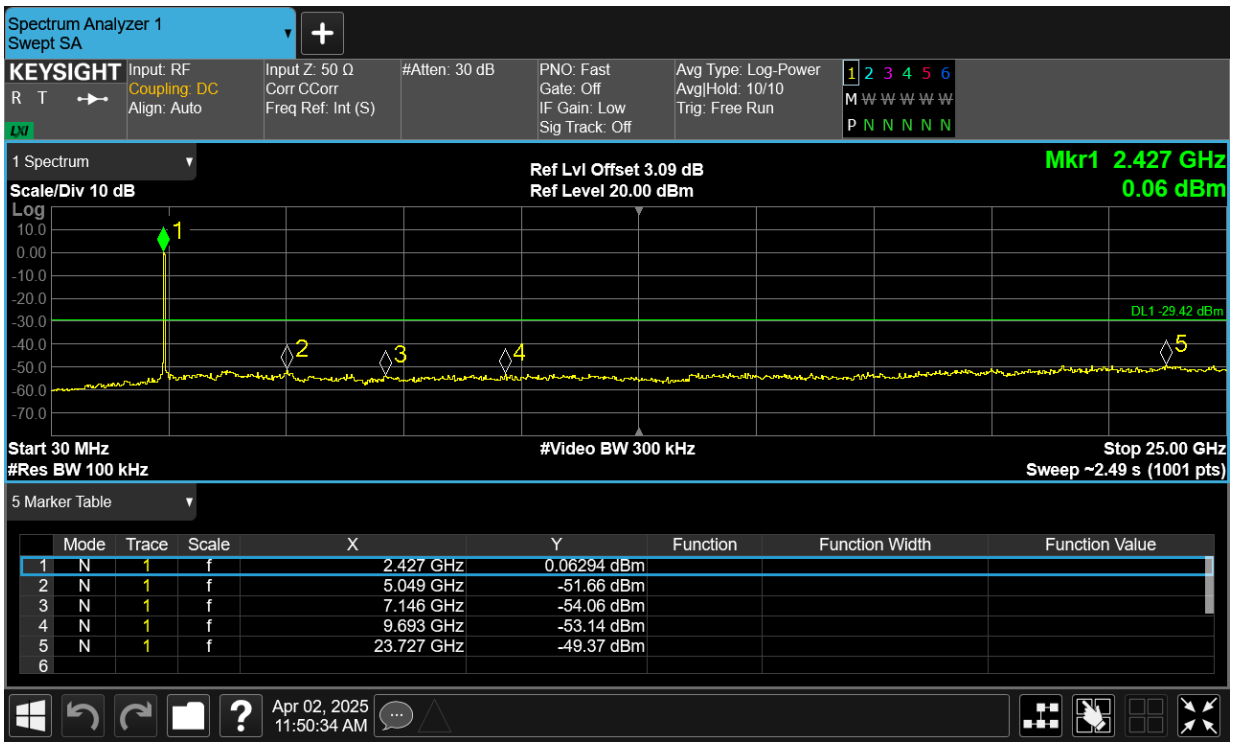
Tx. Spurious NVNT g 2412MHz Ant0 Emission



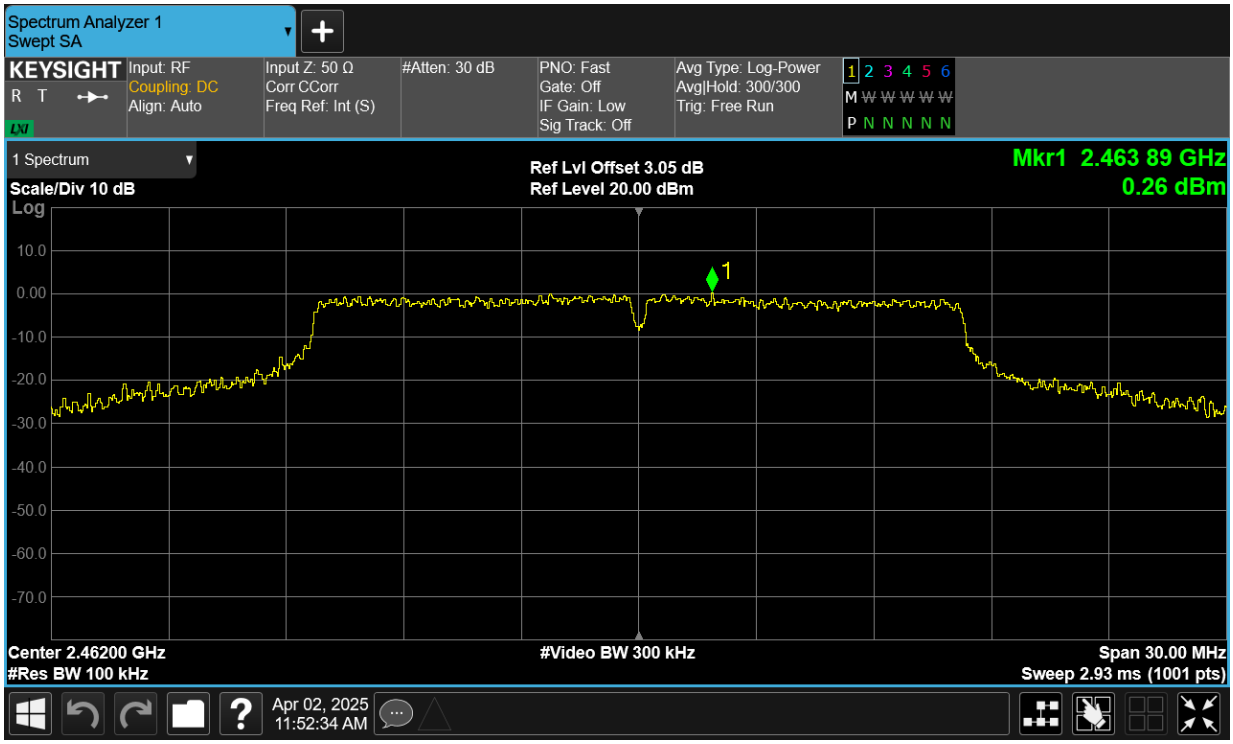
Tx. Spurious NVNT g 2437MHz Ant0 Ref



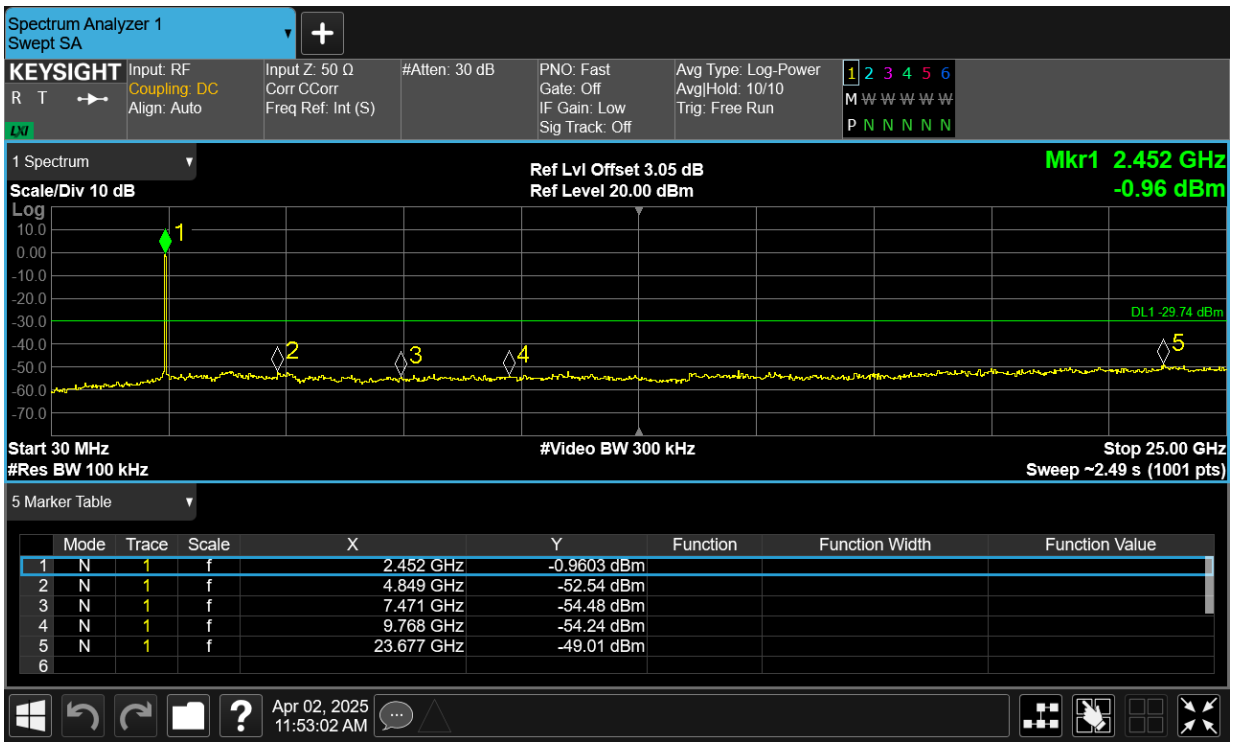
Tx. Spurious NVNT g 2437MHz Ant0 Emission



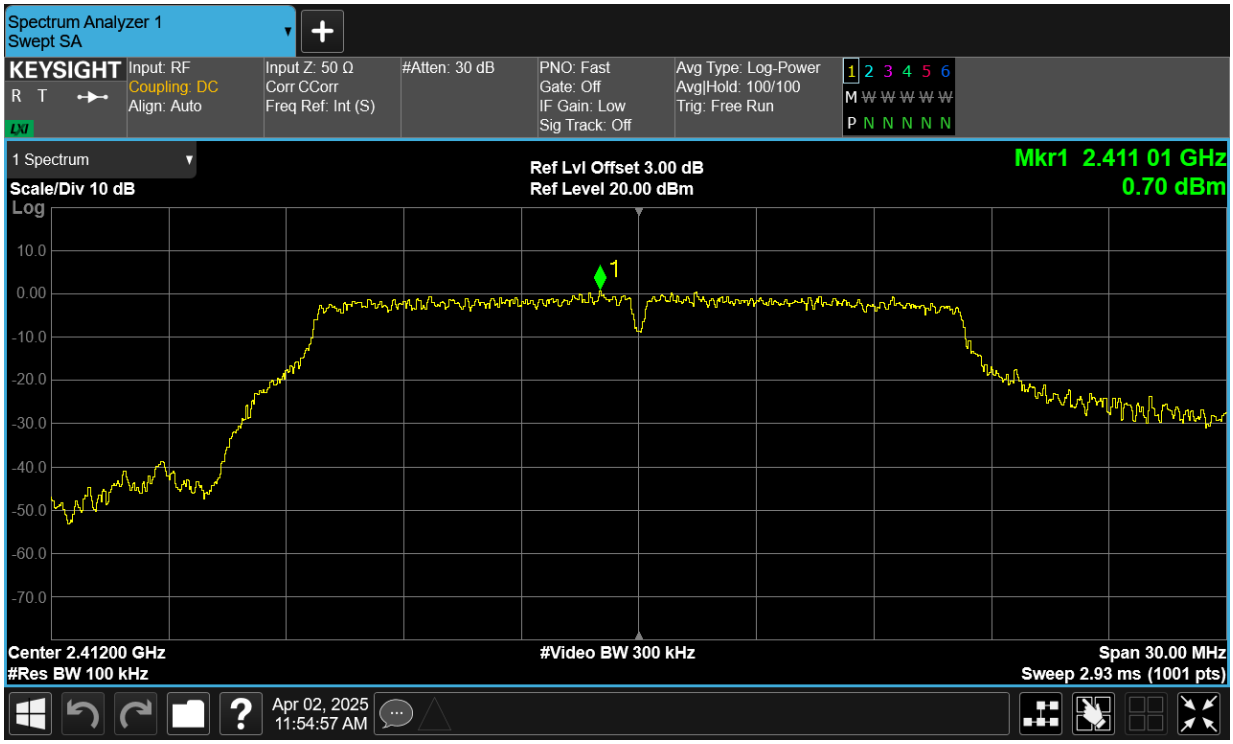
Tx. Spurious NVNT g 2462MHz Ant0 Ref



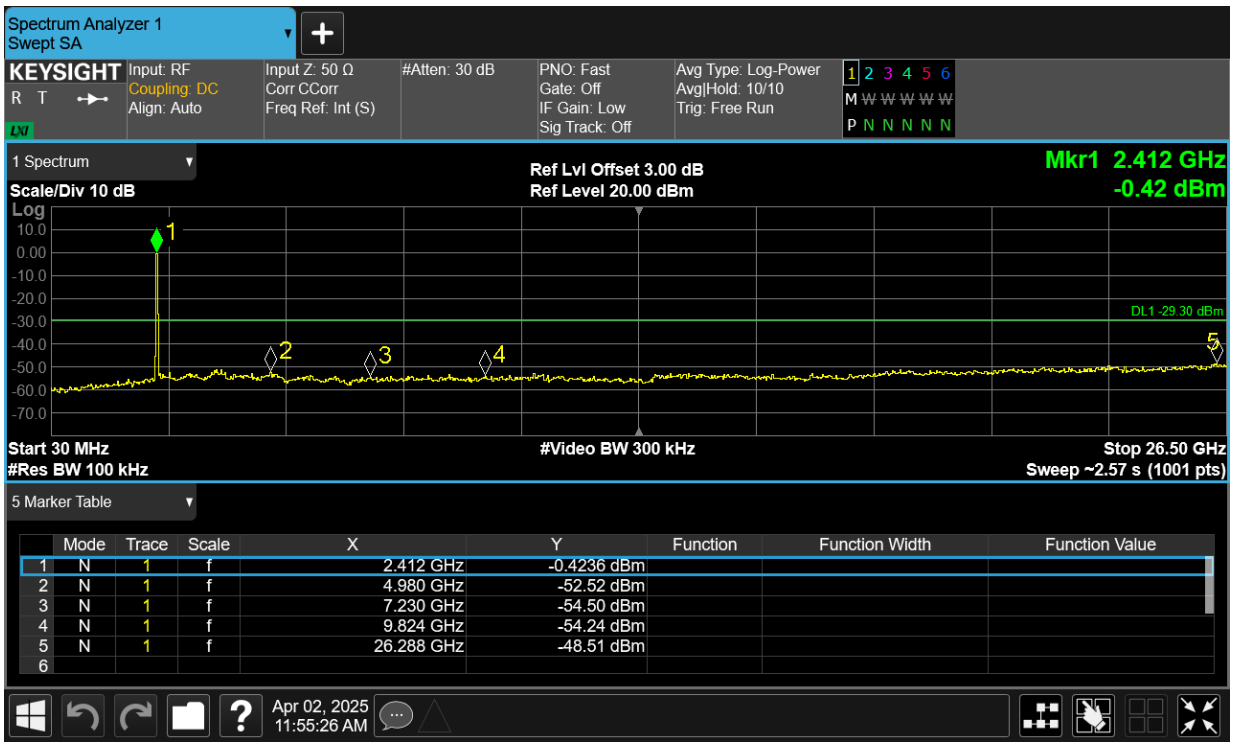
Tx. Spurious NVNT g 2462MHz Ant0 Emission



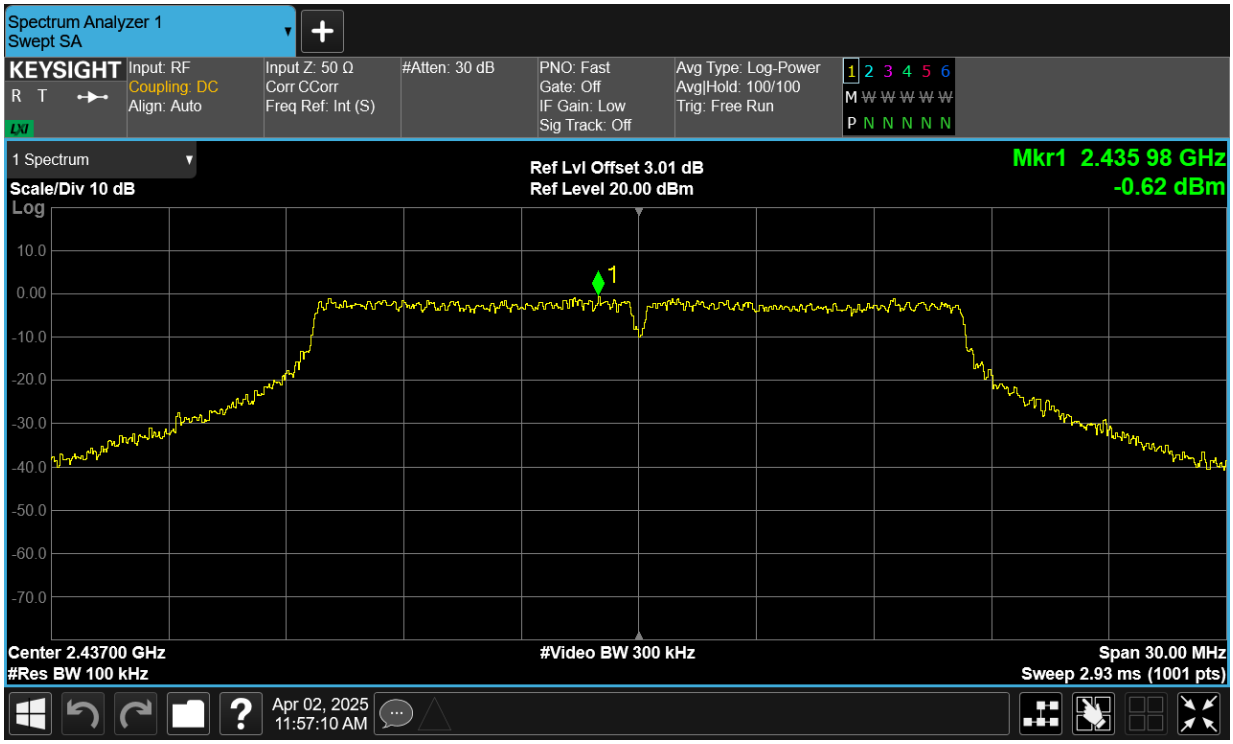
Tx. Spurious NVNT g 2412MHz Ant8 Ref



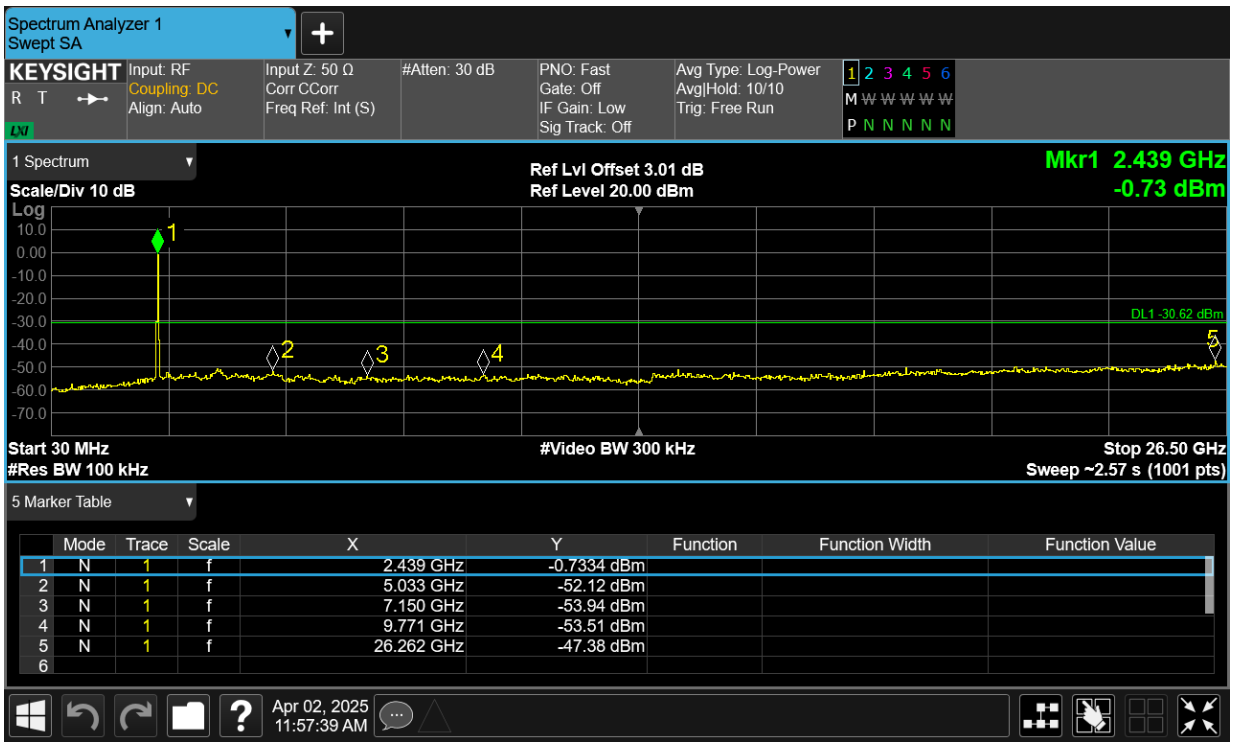
Tx. Spurious NVNT g 2412MHz Ant8 Emission



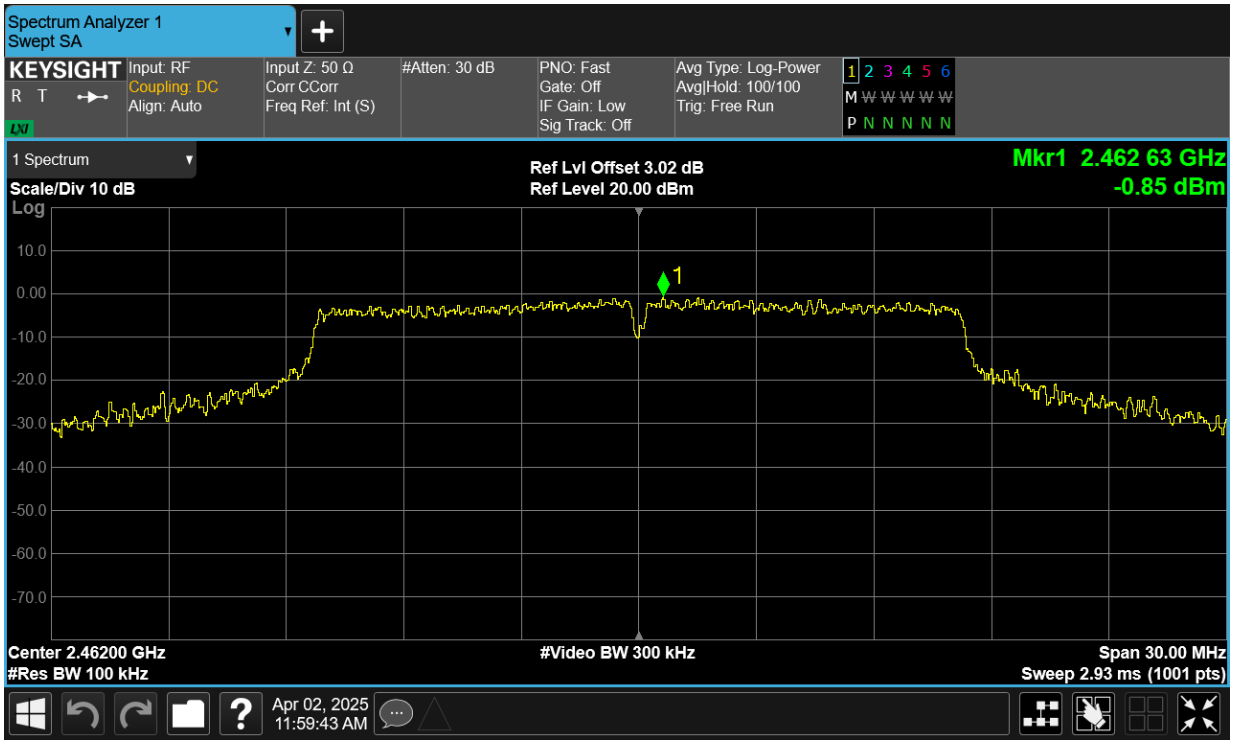
Tx. Spurious NVNT g 2437MHz Ant8 Ref



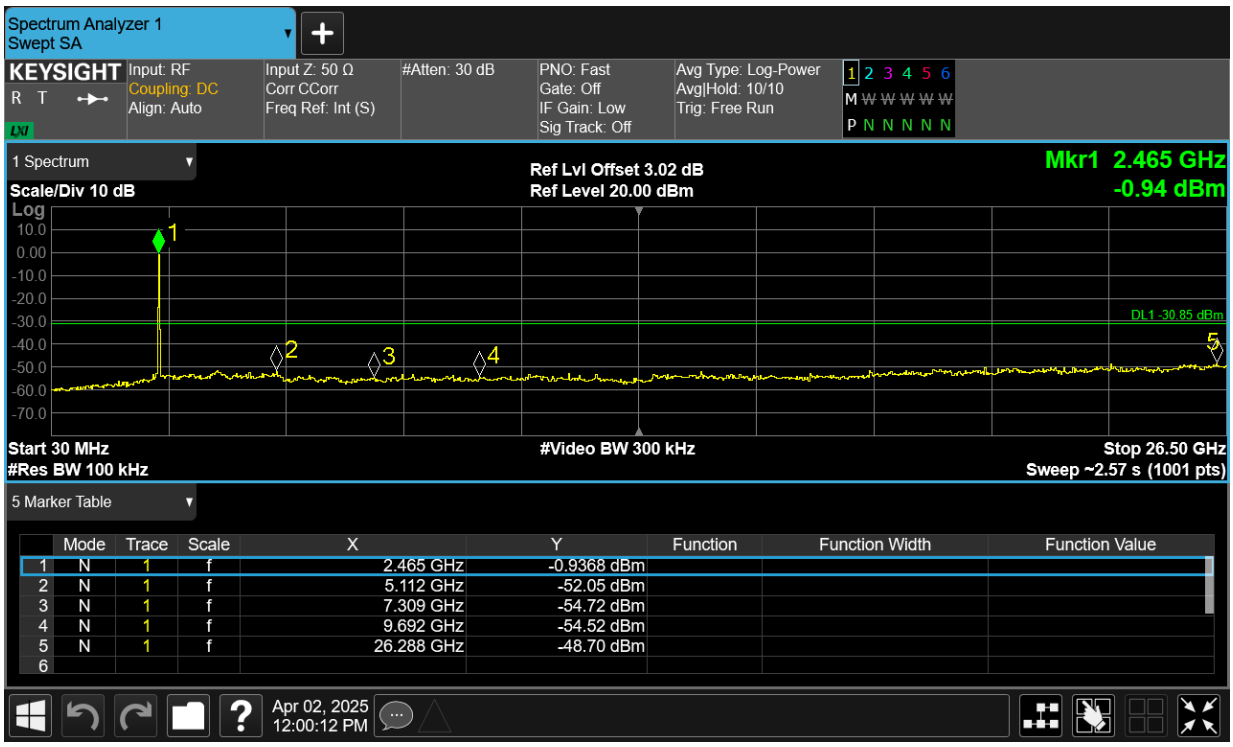
Tx. Spurious NVNT g 2437MHz Ant8 Emission



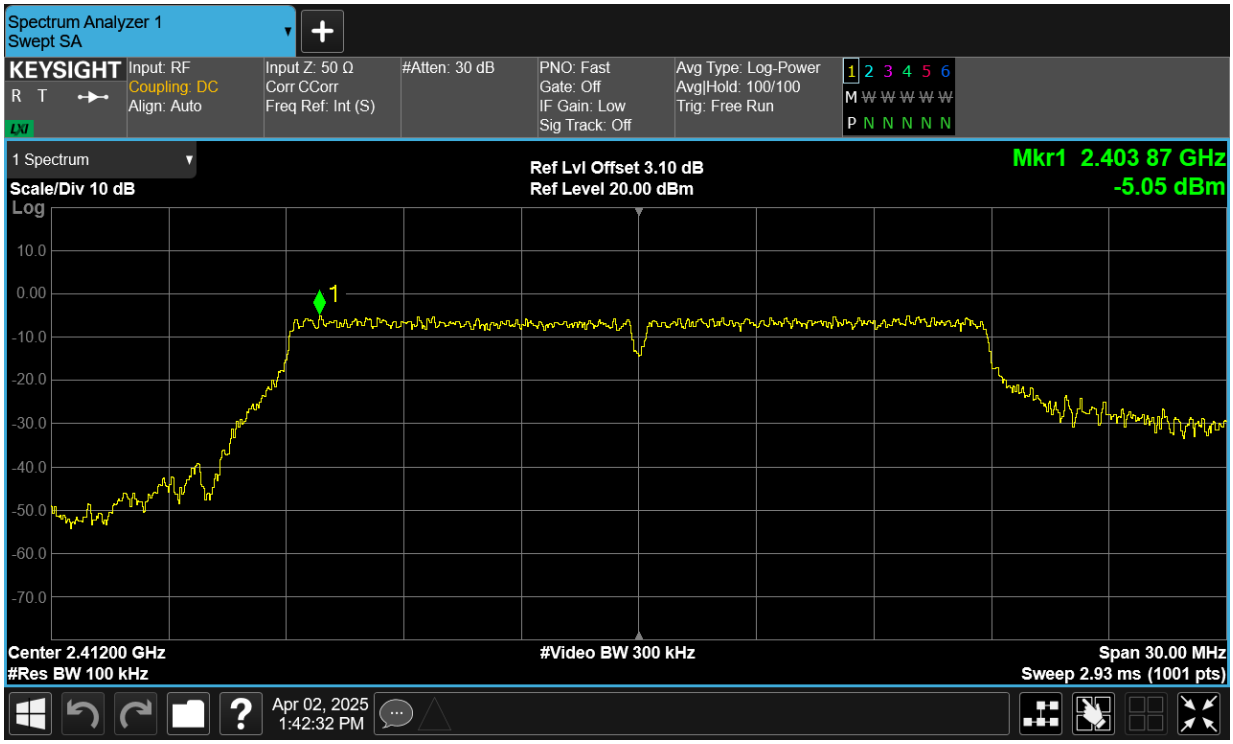
Tx. Spurious NVNT g 2462MHz Ant8 Ref



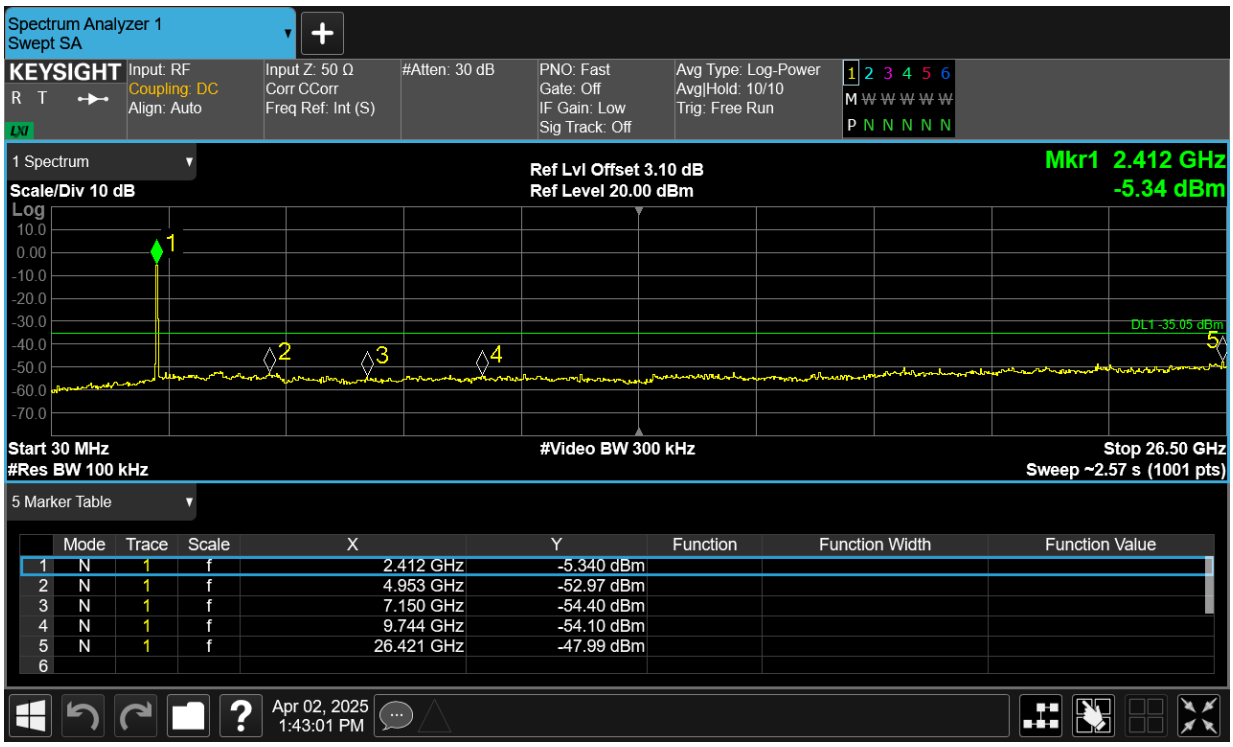
Tx. Spurious NVNT g 2462MHz Ant8 Emission



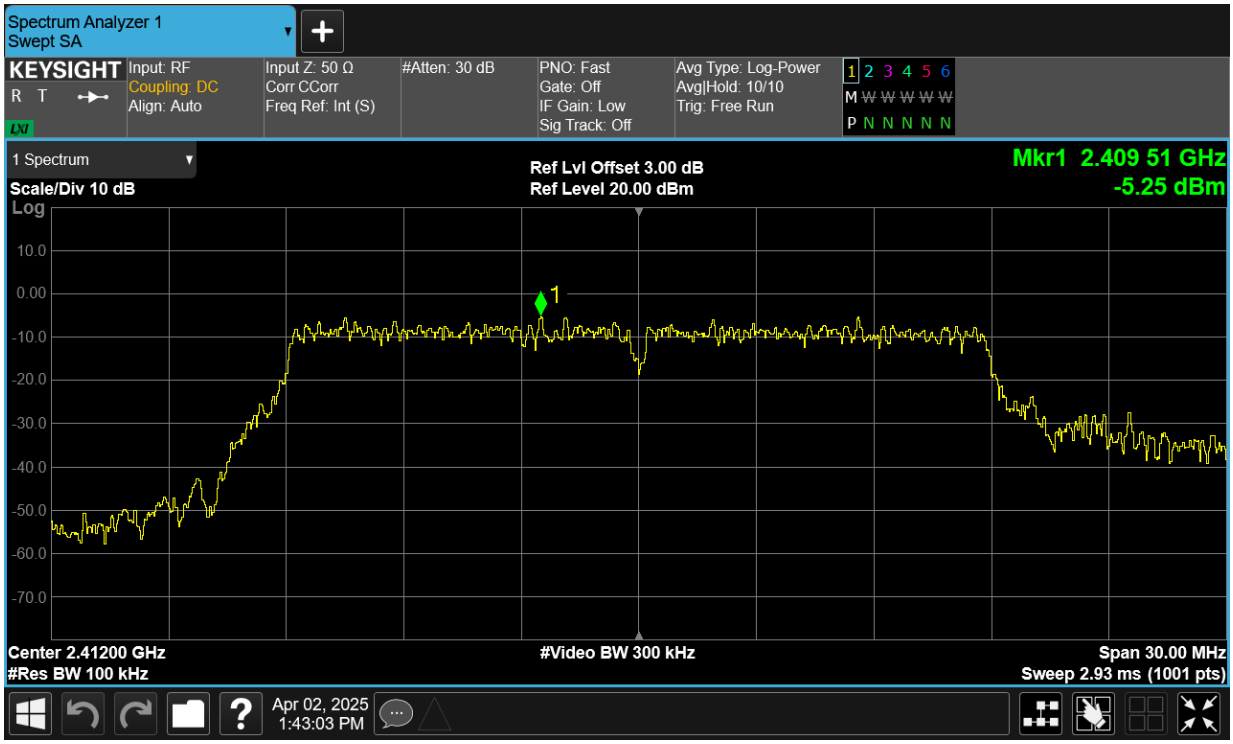
Tx. Spurious NVNT n20 2412MHz Ant0 Ref



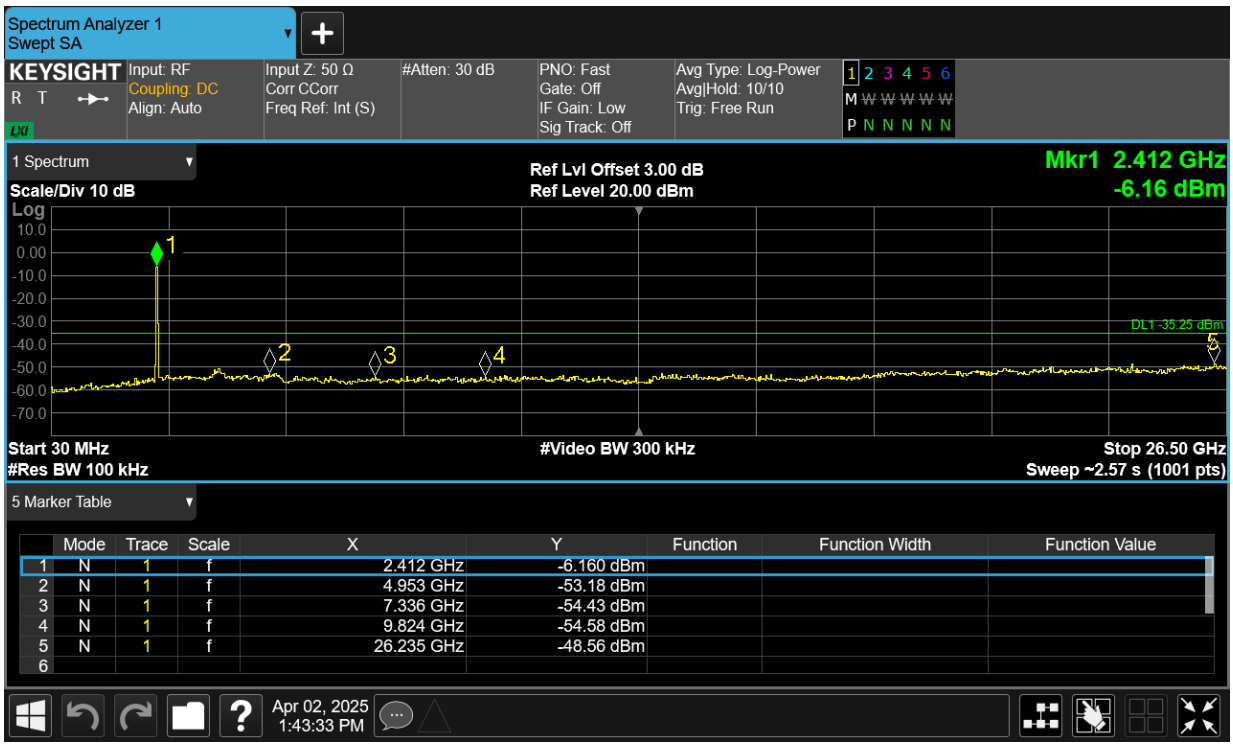
Tx. Spurious NVNT n20 2412MHz Ant0 Emission



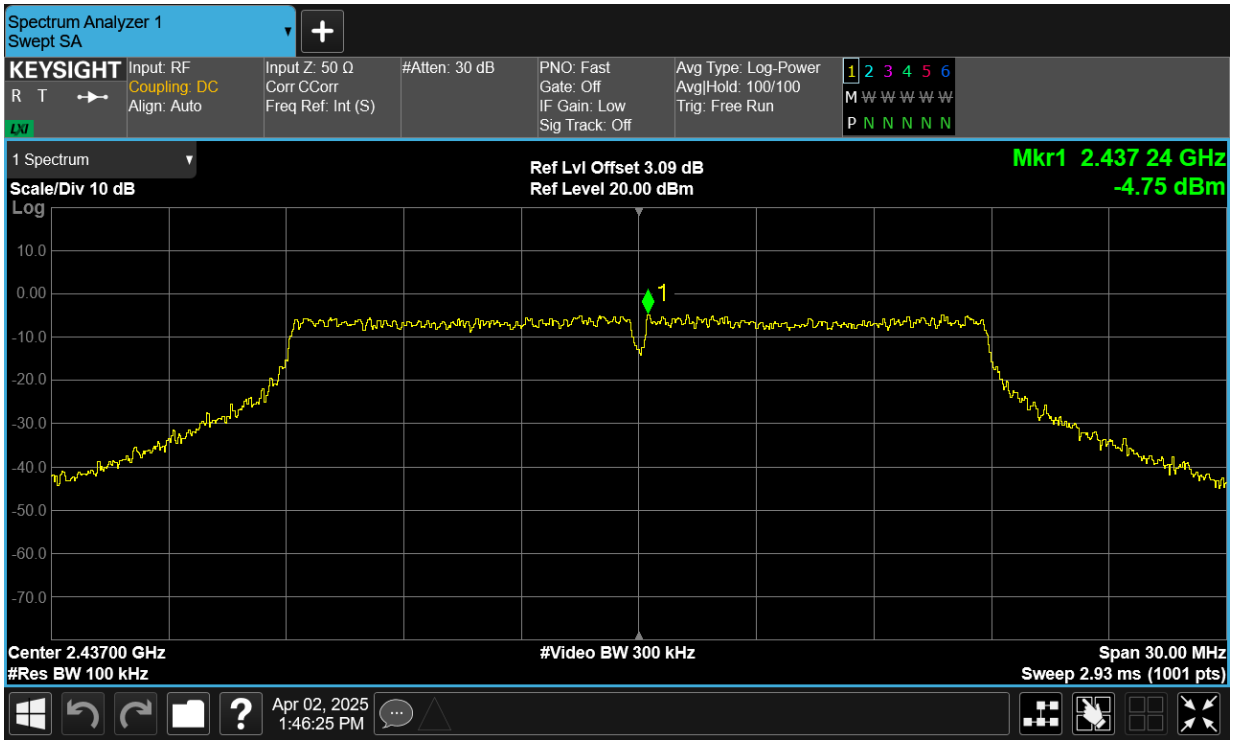
Tx. Spurious NVNT n20 2412MHz Ant8 Ref



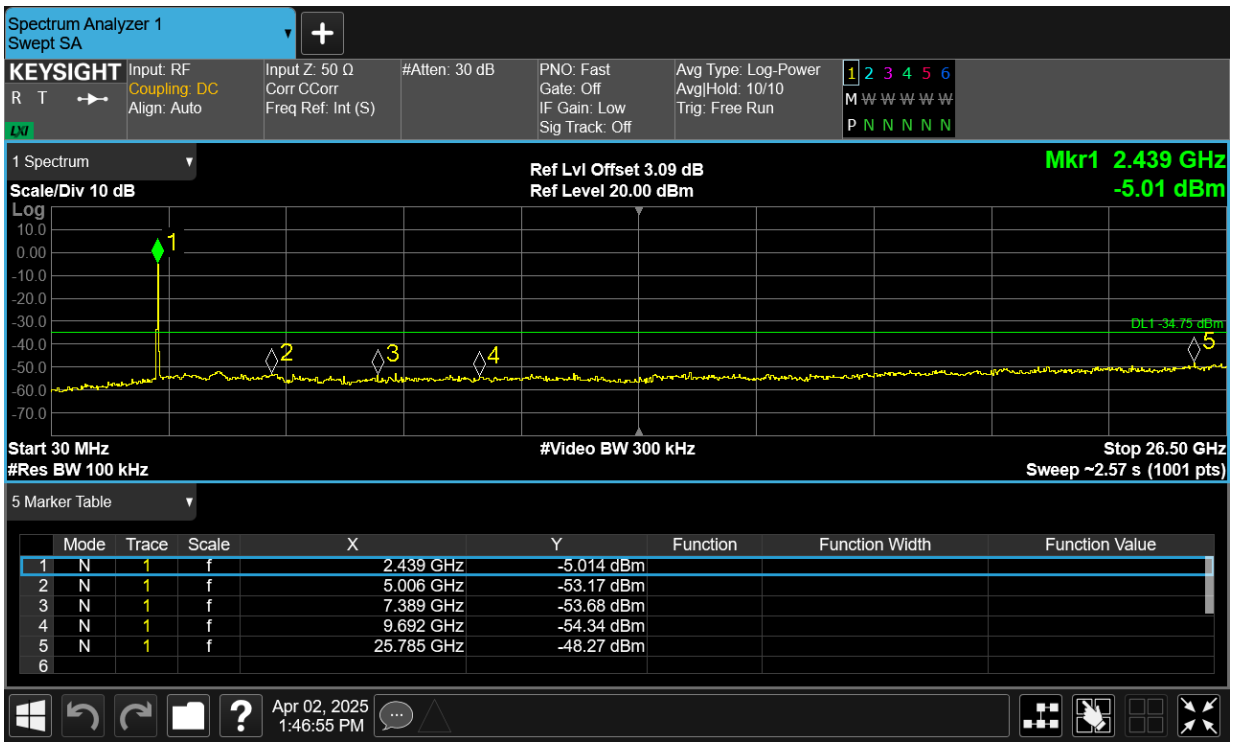
Tx. Spurious NVNT n20 2412MHz Ant8 Emission



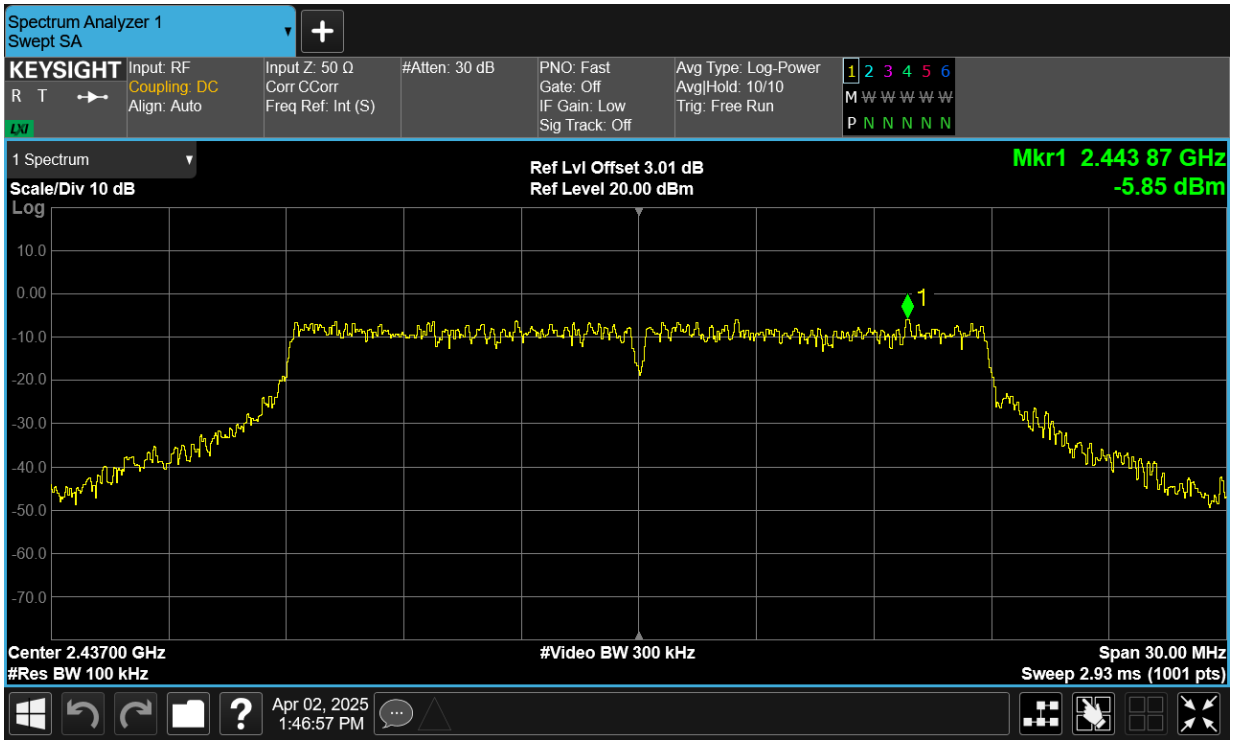
Tx. Spurious NVNT n20 2437MHz Ant0 Ref



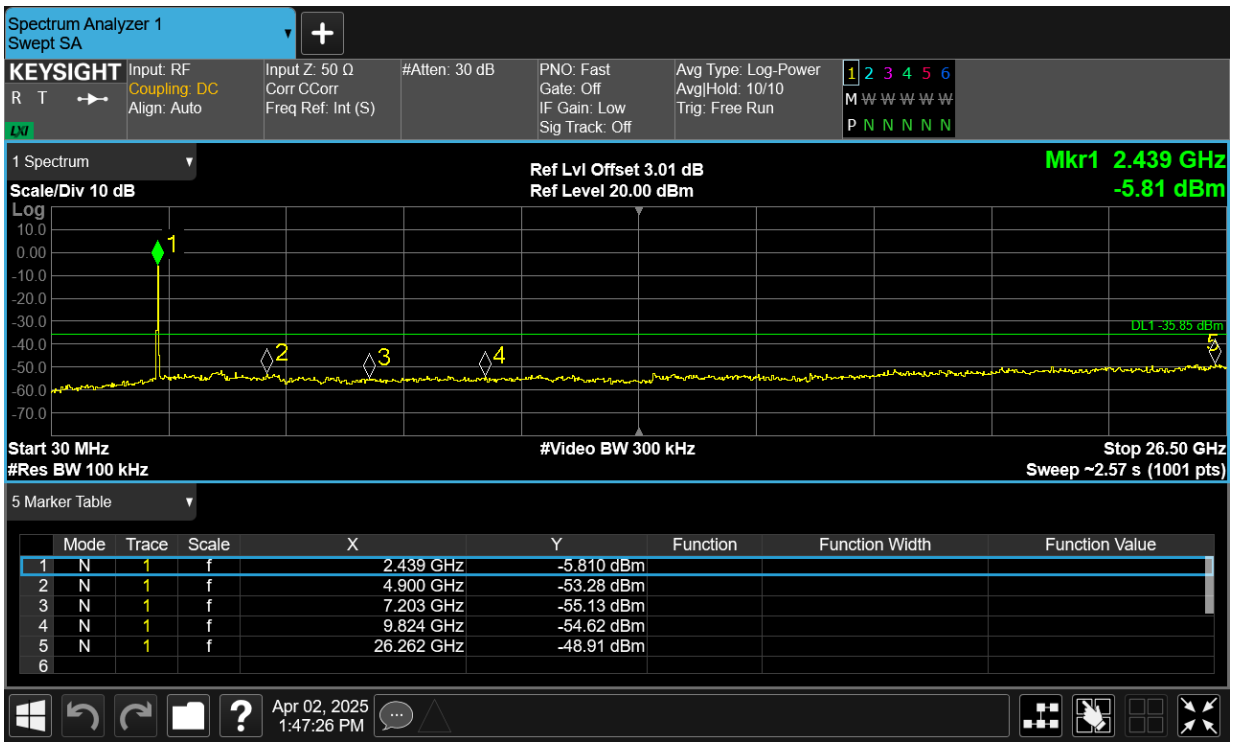
Tx. Spurious NVNT n20 2437MHz Ant0 Emission



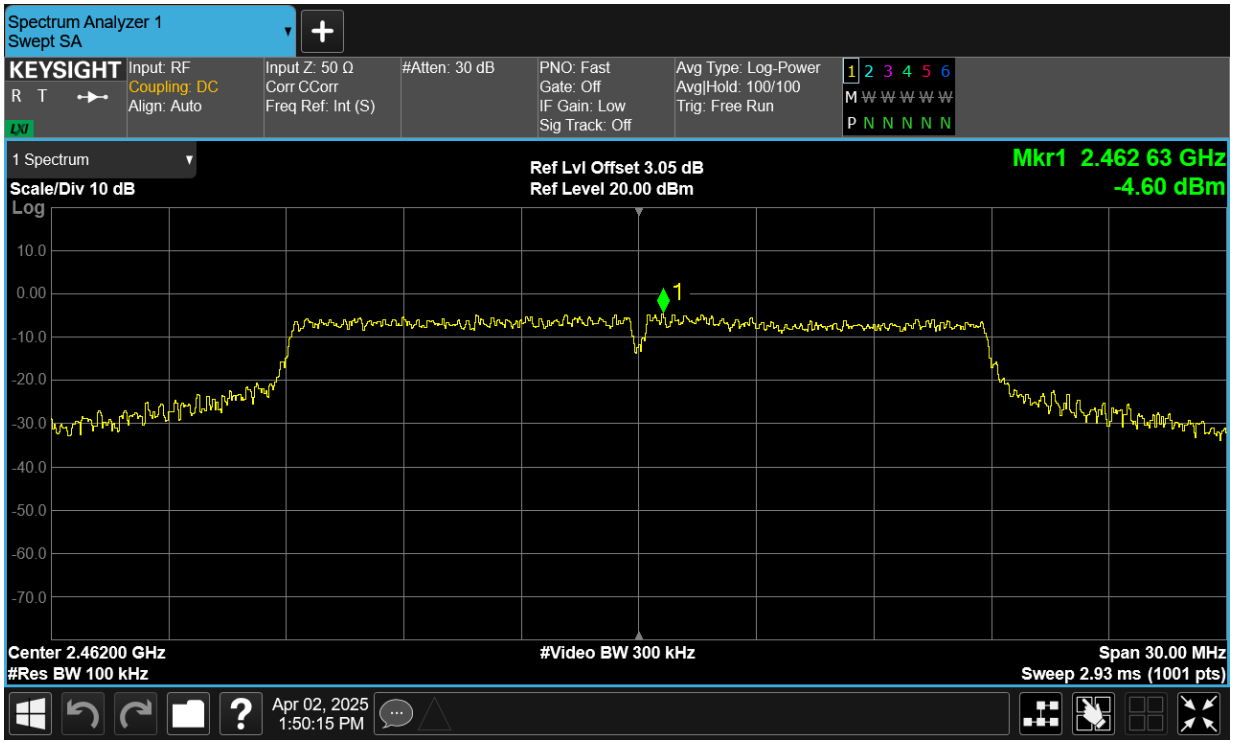
Tx. Spurious NVNT n20 2437MHz Ant8 Ref



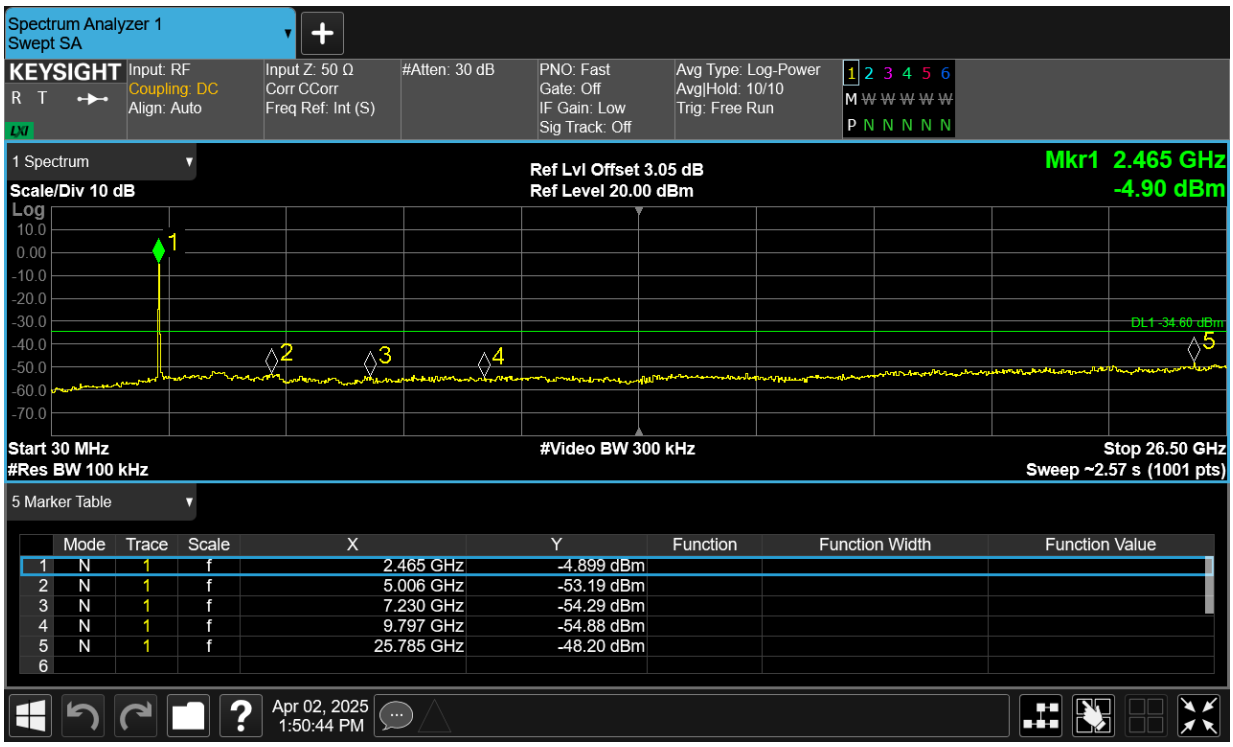
Tx. Spurious NVNT n20 2437MHz Ant8 Emission



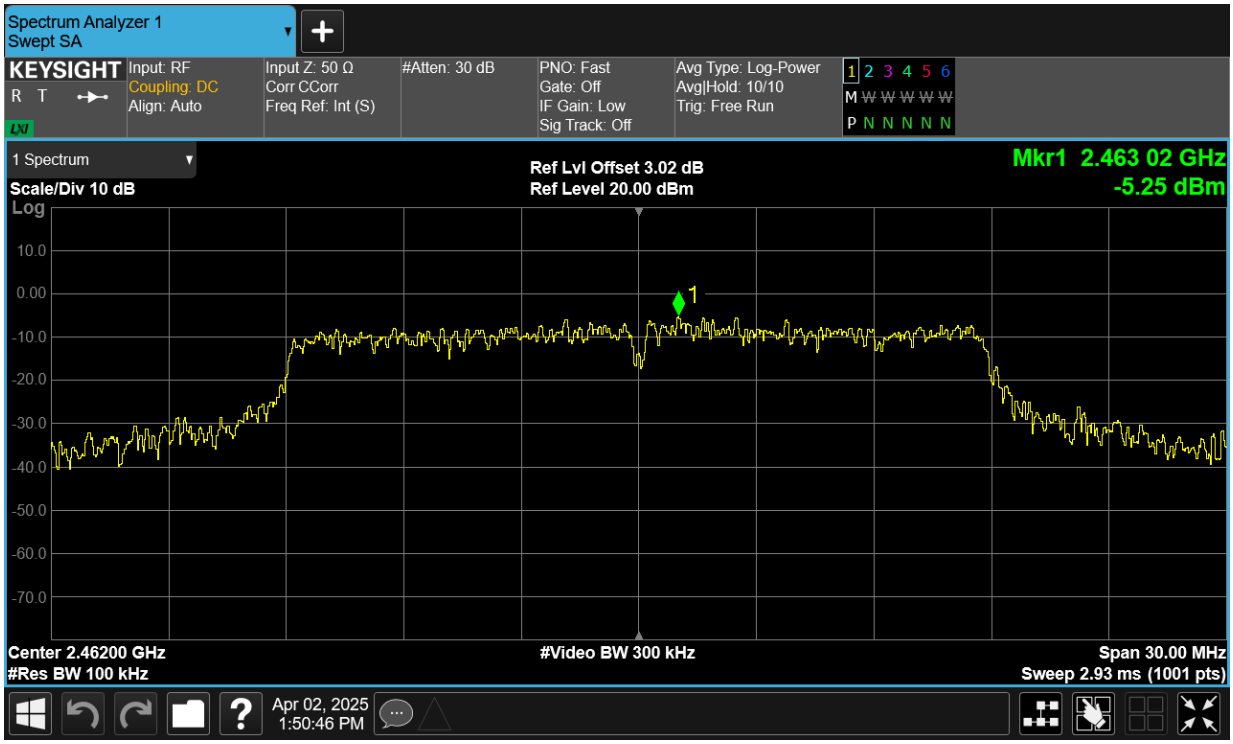
Tx. Spurious NVNT n20 2462MHz Ant0 Ref



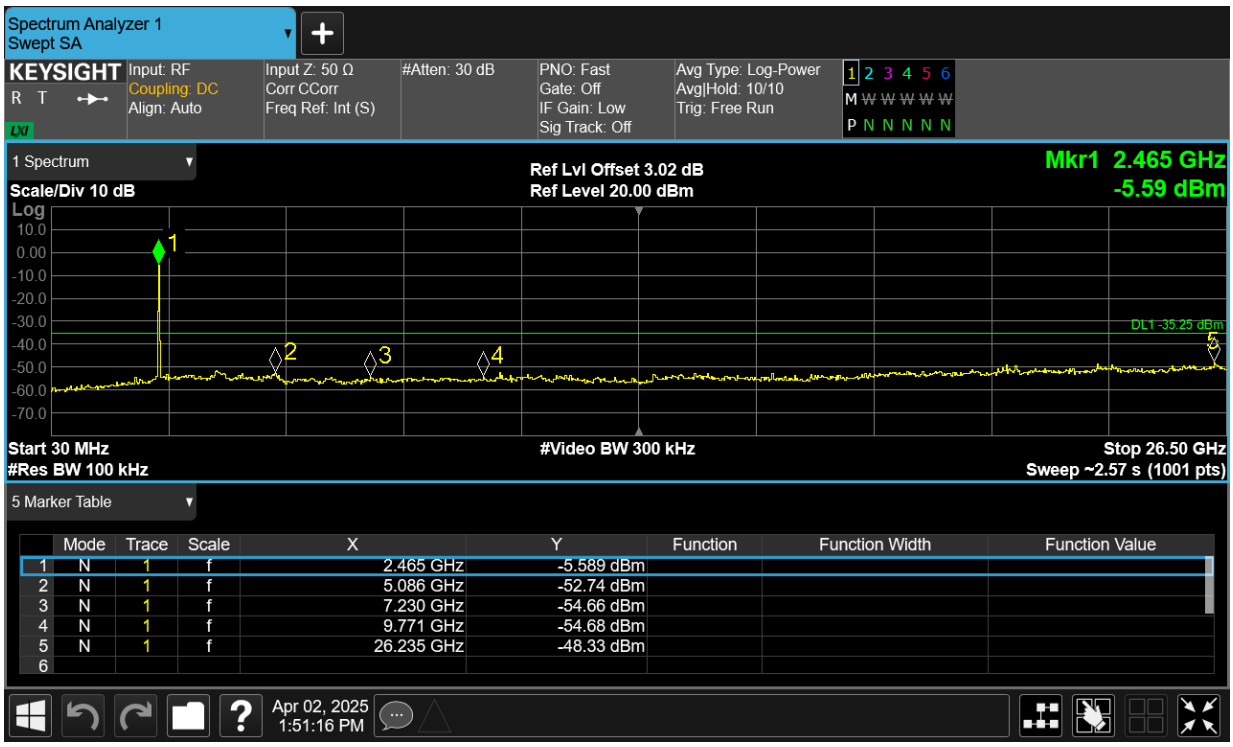
Tx. Spurious NVNT n20 2462MHz Ant0 Emission



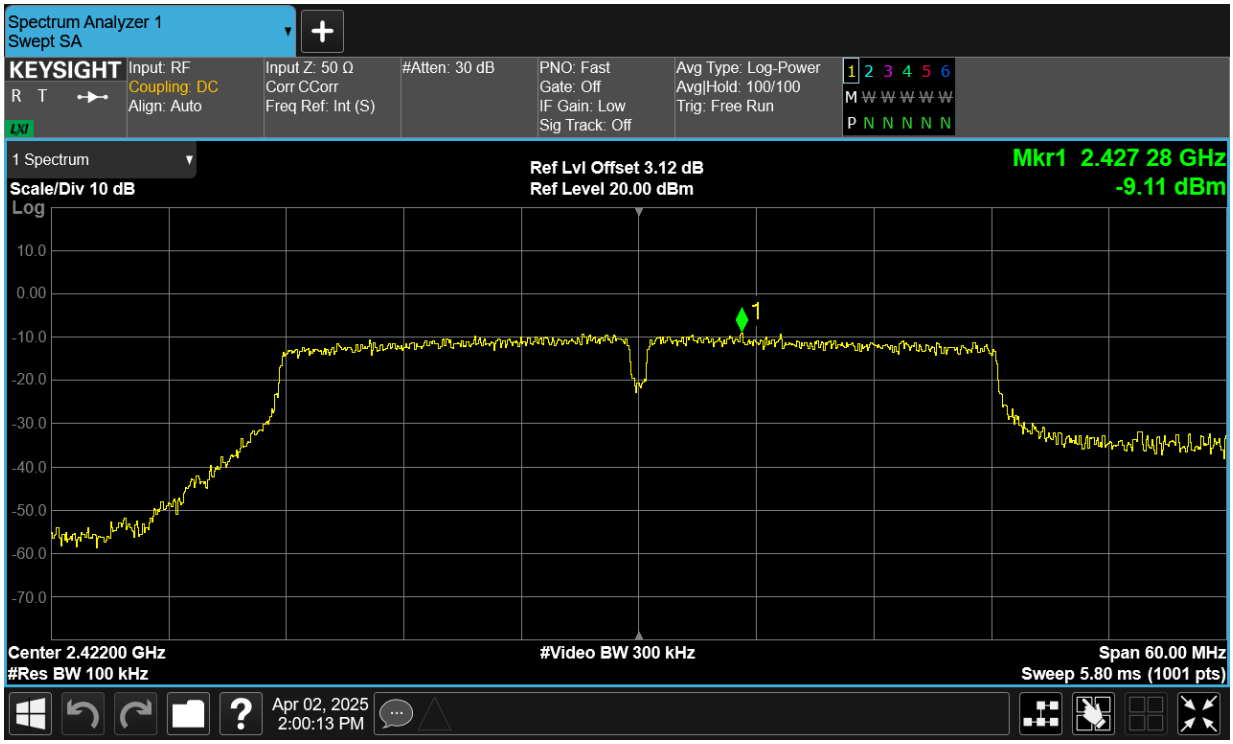
Tx. Spurious NVNT n20 2462MHz Ant8 Ref



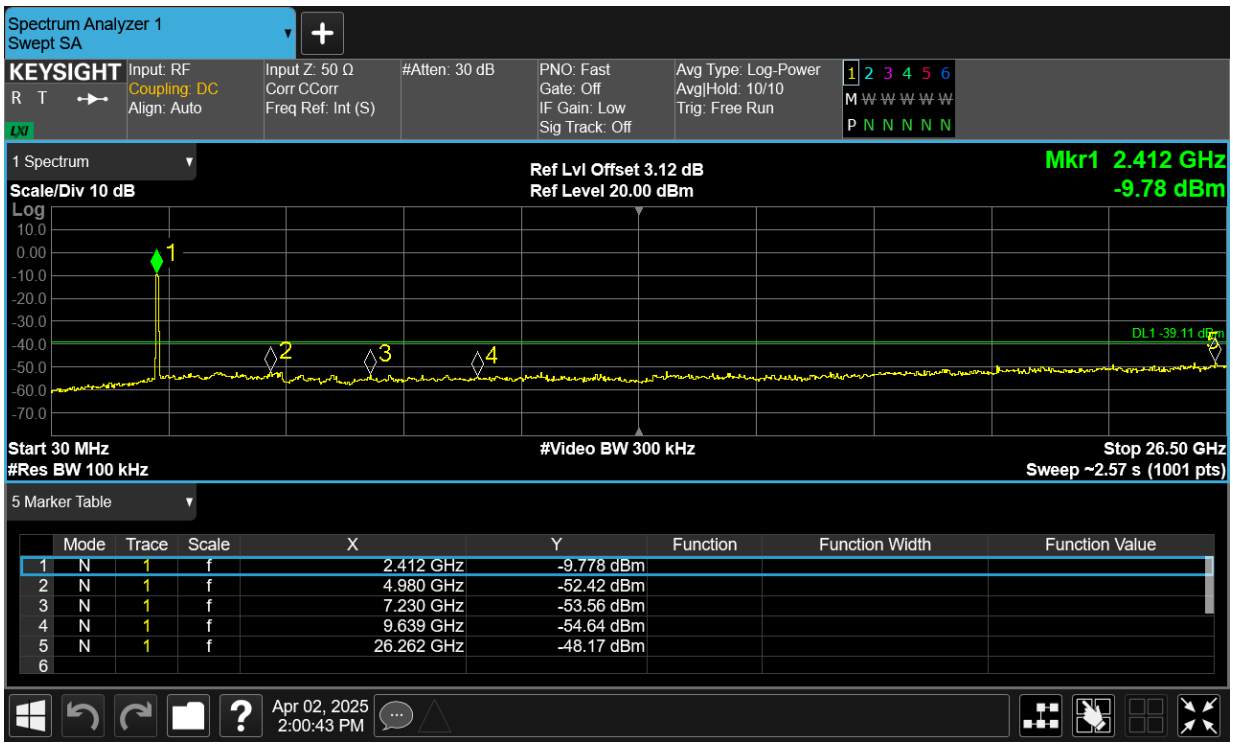
Tx. Spurious NVNT n20 2462MHz Ant8 Emission



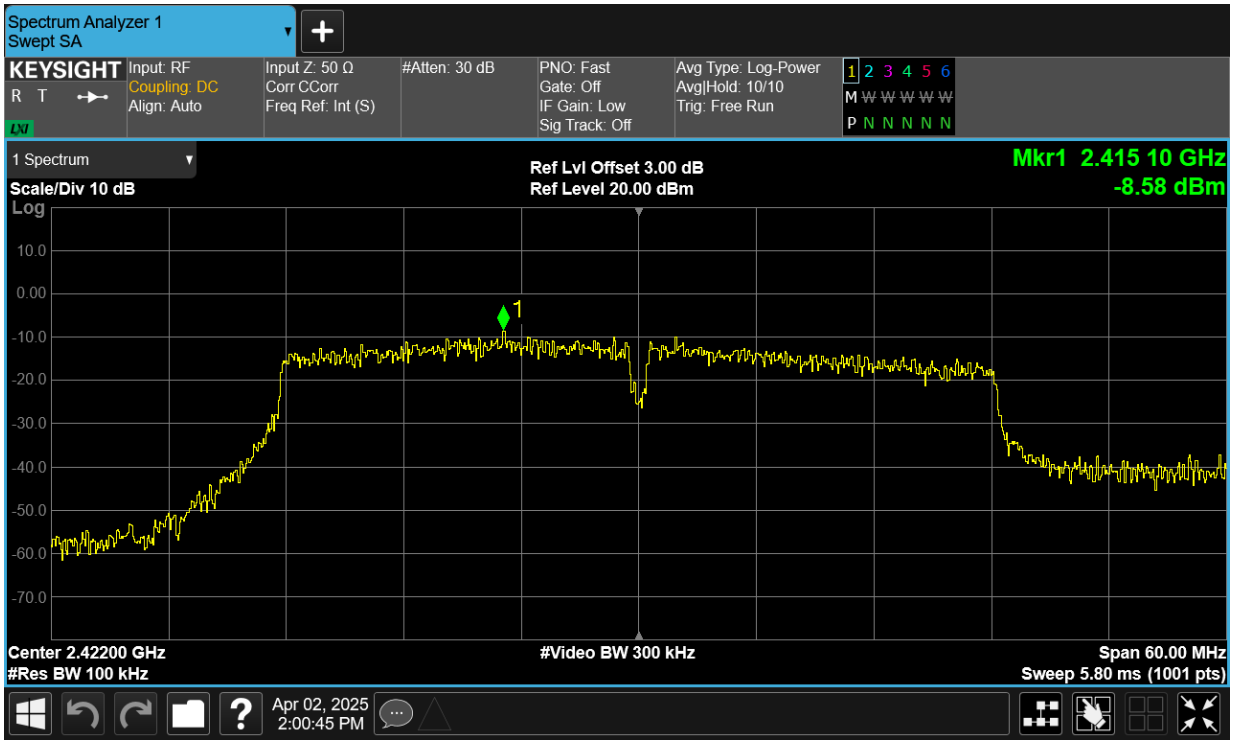
Tx. Spurious NVNT n40 2422MHz Ant0 Ref



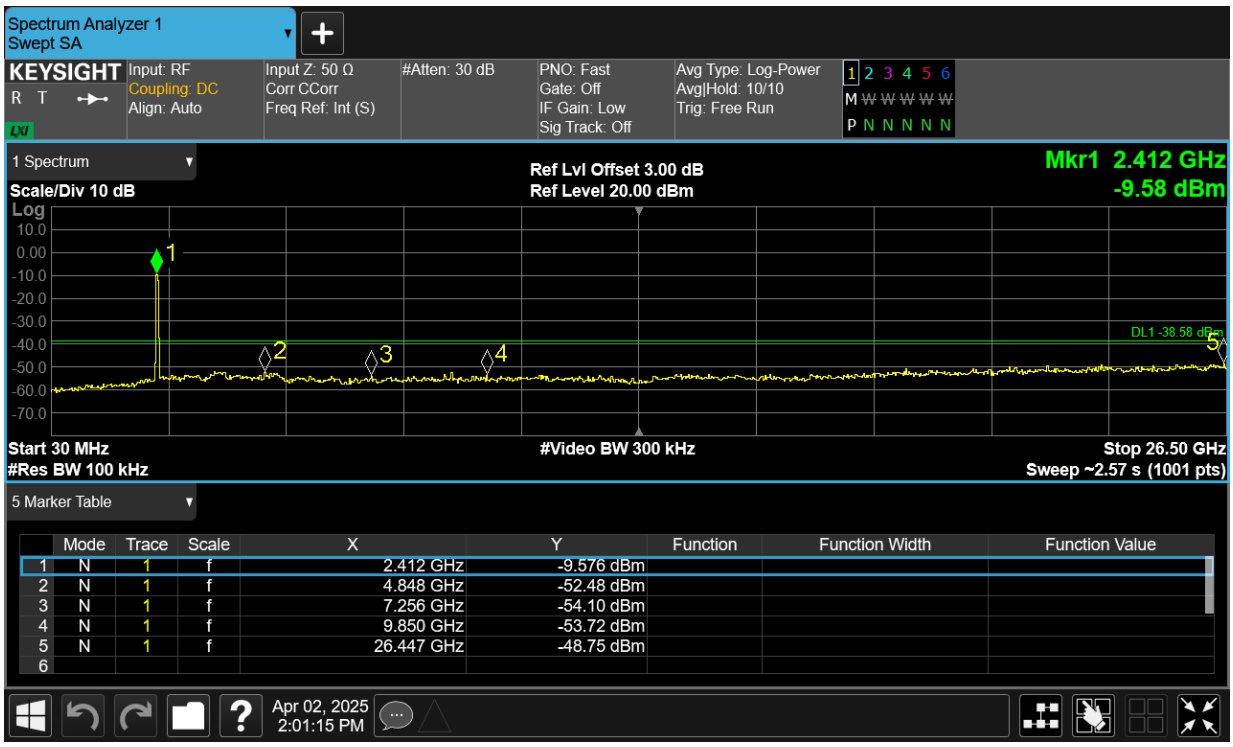
Tx. Spurious NVNT n40 2422MHz Ant0 Emission



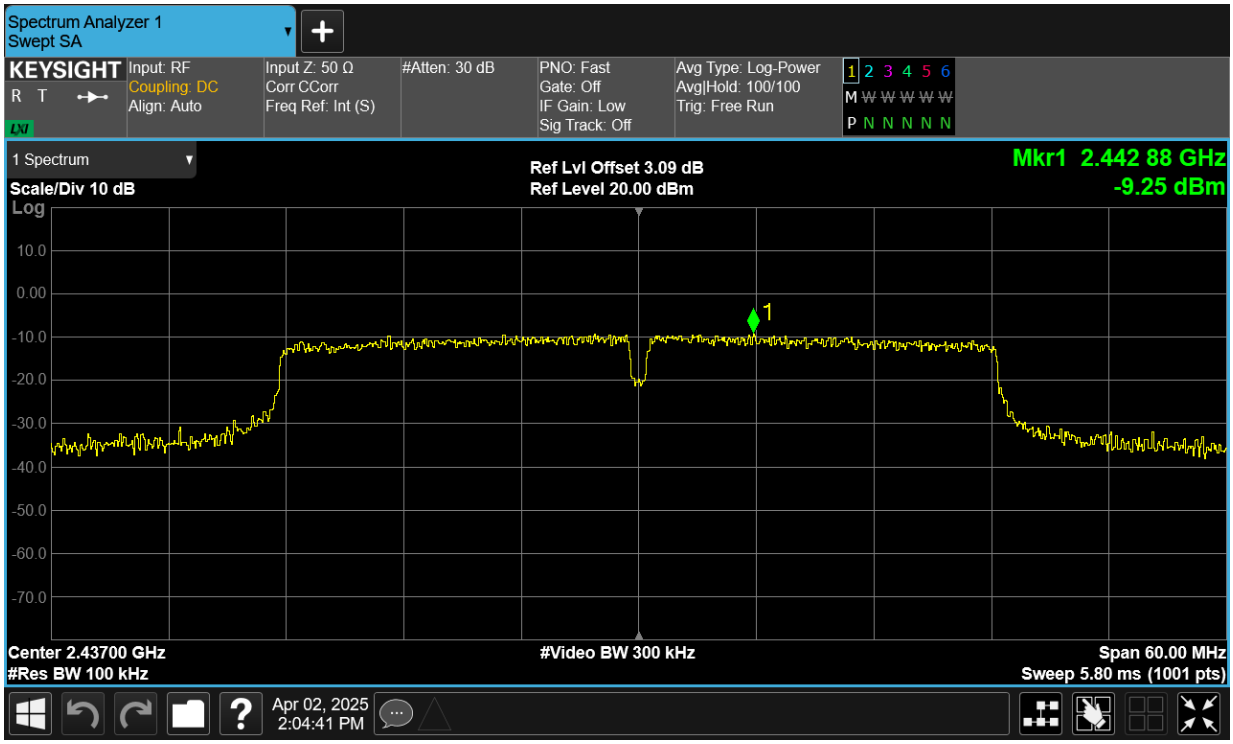
Tx. Spurious NVNT n40 2422MHz Ant8 Ref



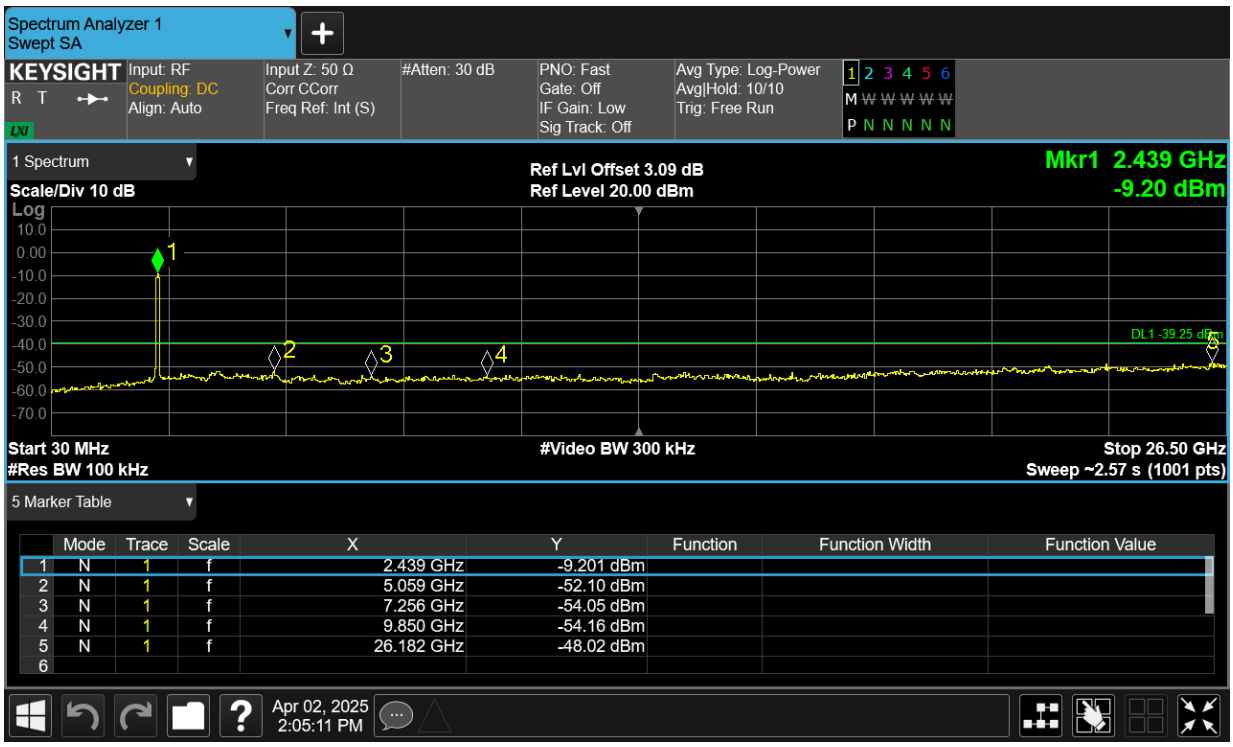
Tx. Spurious NVNT n40 2422MHz Ant8 Emission



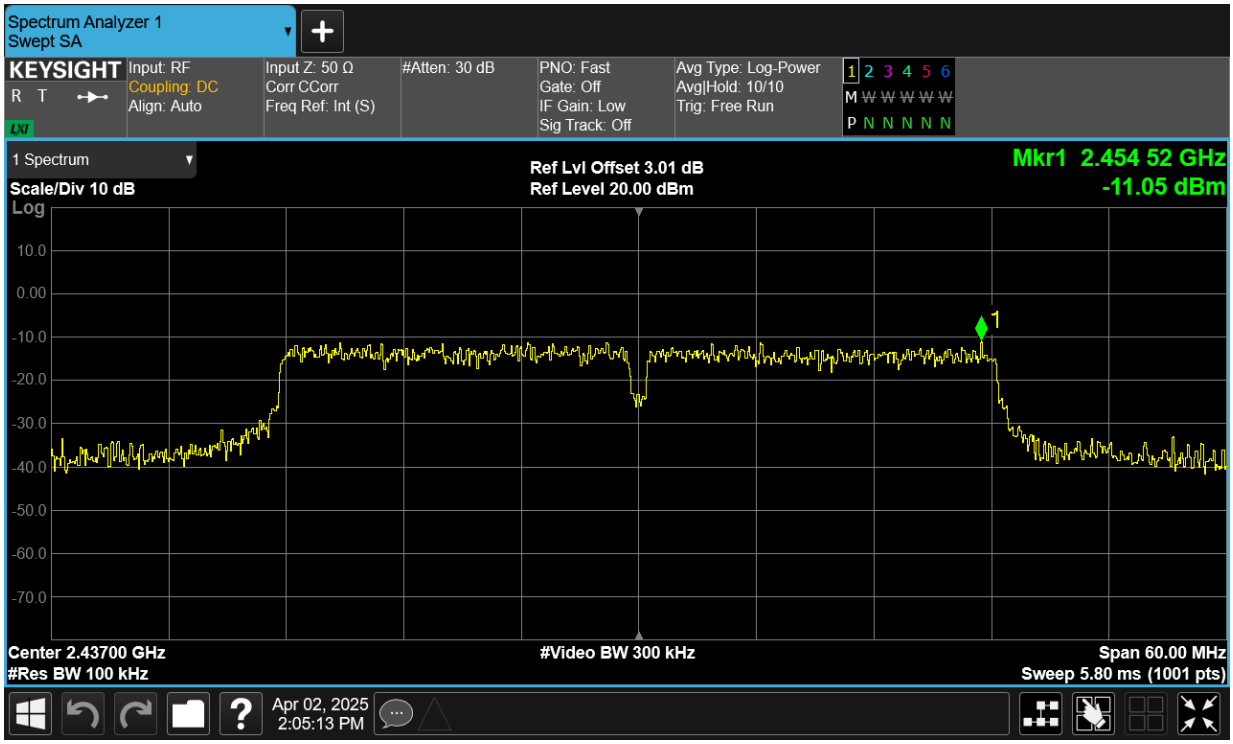
Tx. Spurious NVNT n40 2437MHz Ant0 Ref



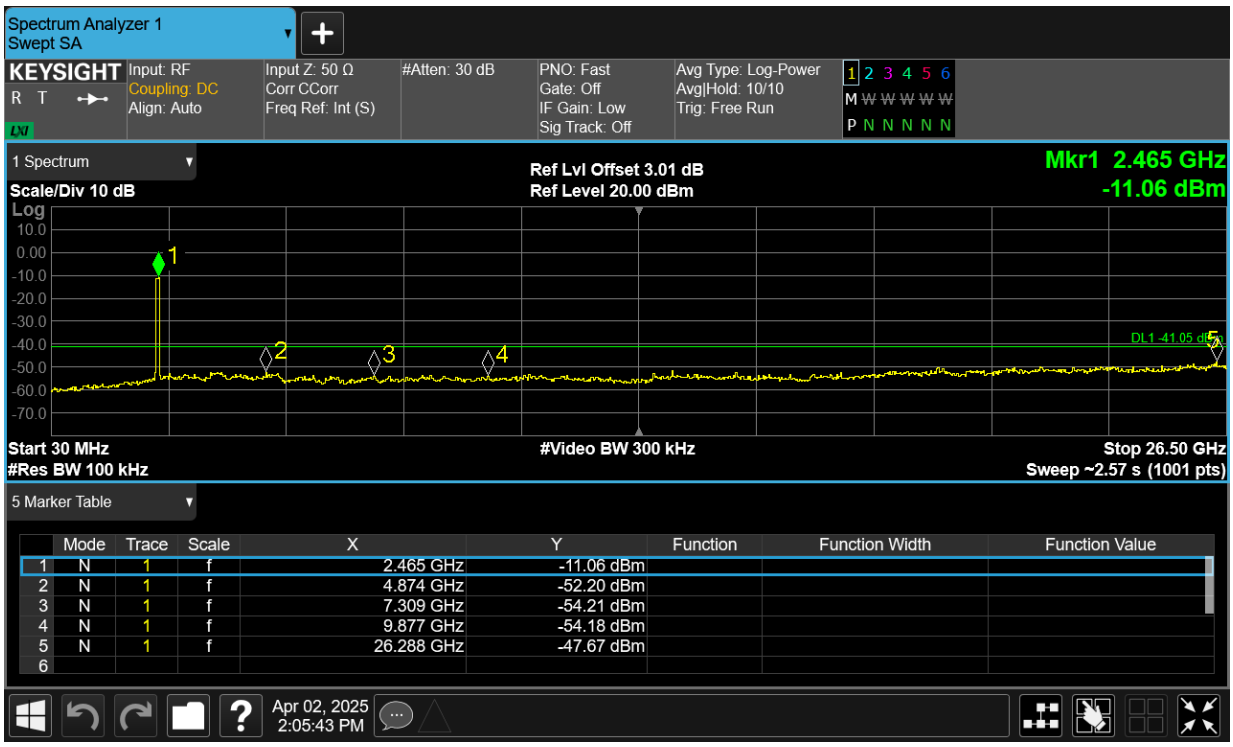
Tx. Spurious NVNT n40 2437MHz Ant0 Emission



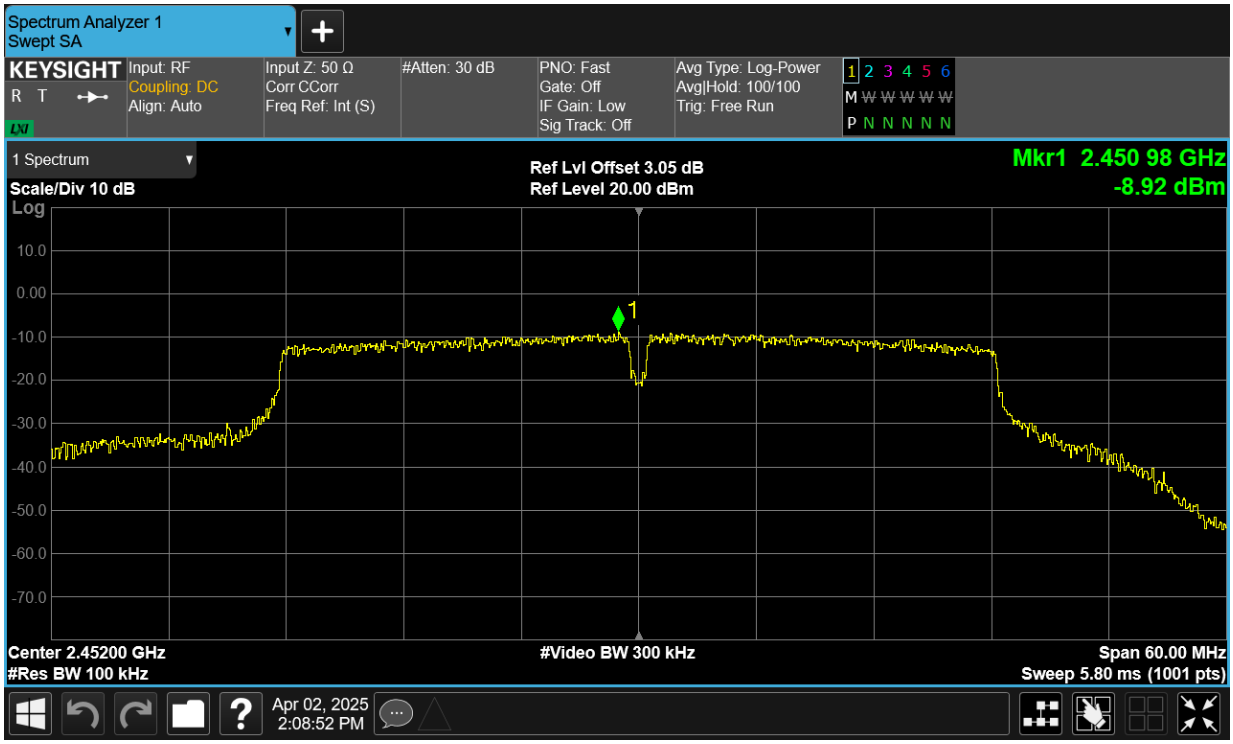
Tx. Spurious NVNT n40 2437MHz Ant8 Ref



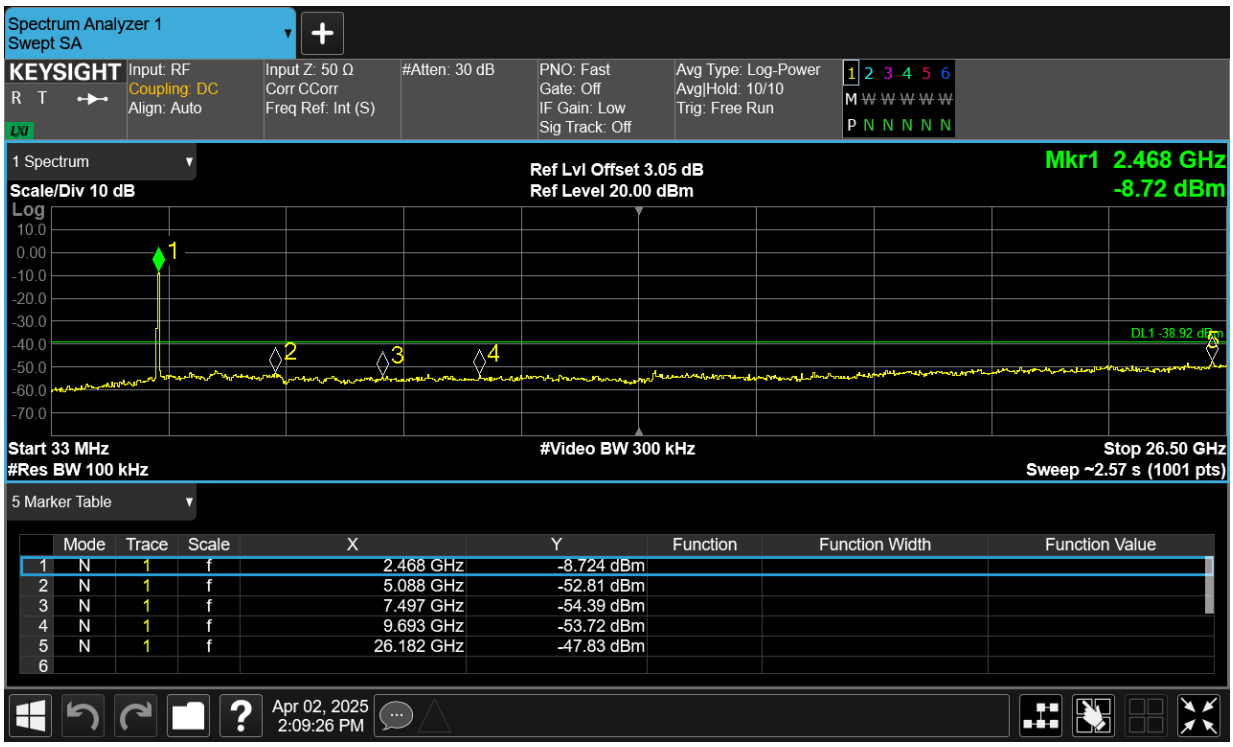
Tx. Spurious NVNT n40 2437MHz Ant8 Emission



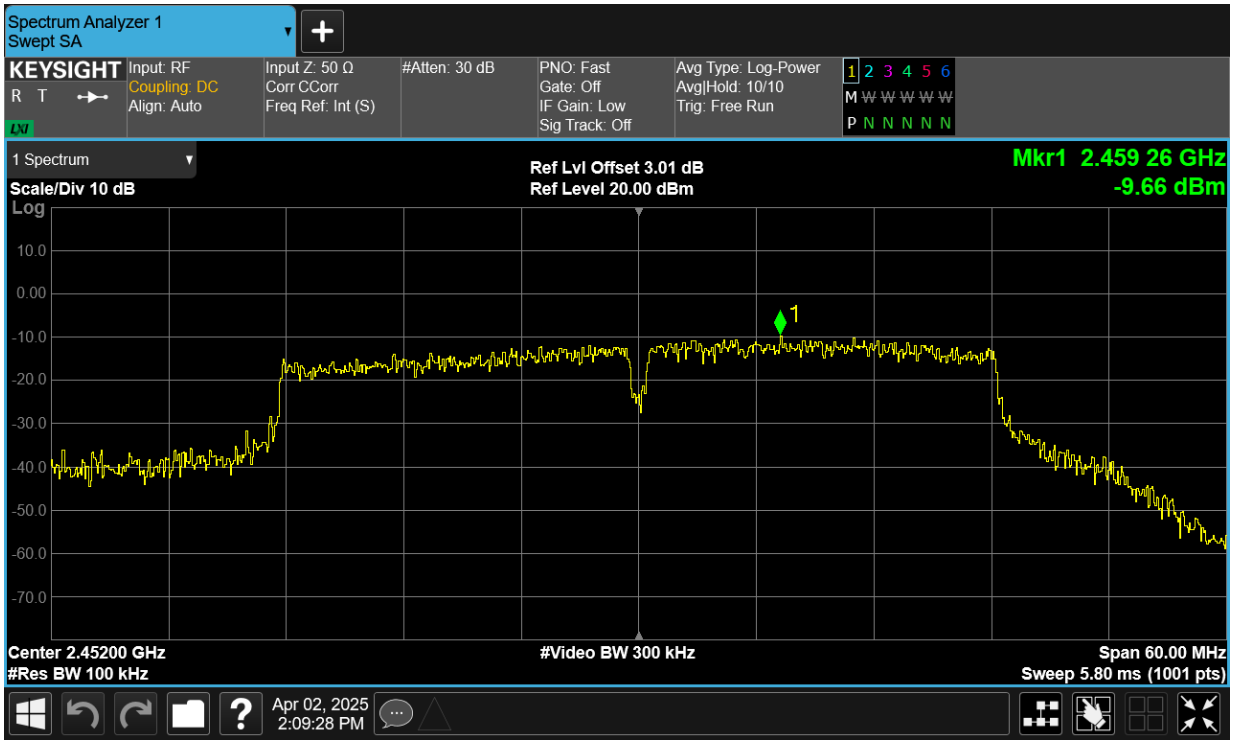
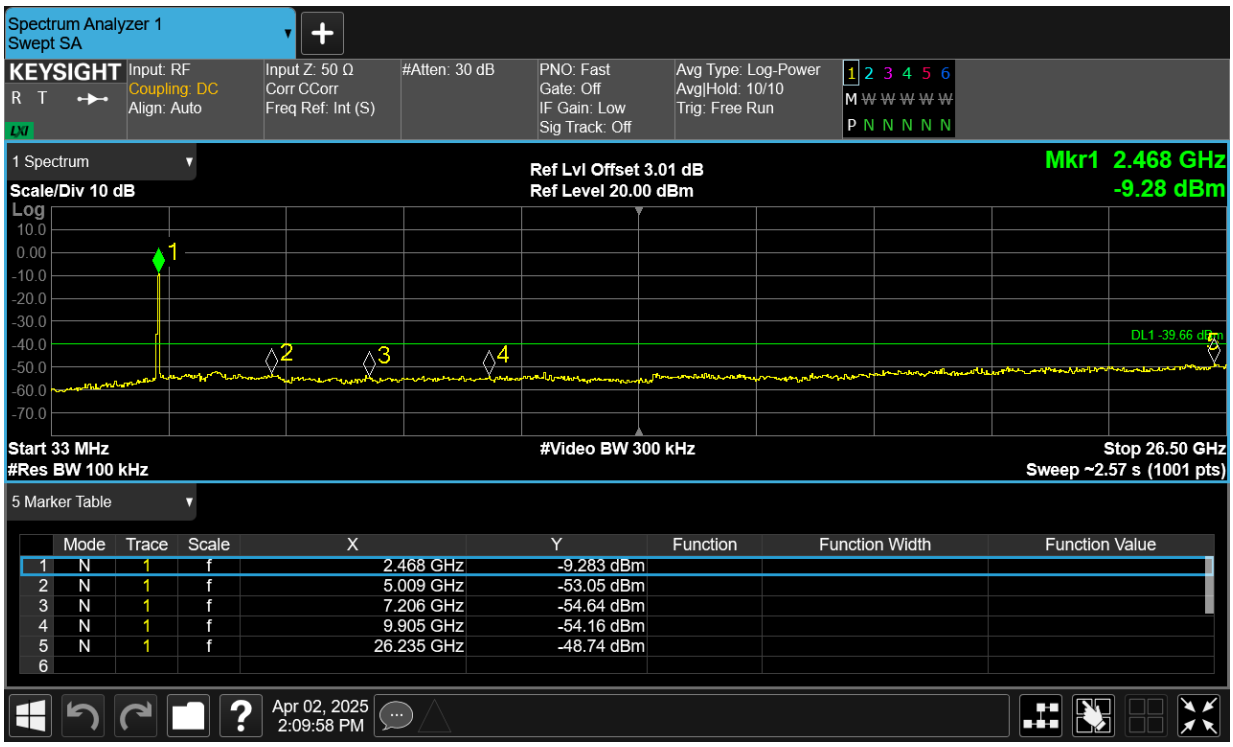
Tx. Spurious NVNT n40 2452MHz Ant0 Ref



Tx. Spurious NVNT n40 2452MHz Ant0 Emission



Tx. Spurious NVNT n40 2452MHz Ant8 Ref



Tx. Spurious NVNT n40 2452MHz Ant8 Emission