



OBW NVNT ax20 2412MHz Ant1



OBW NVNT ax20 2437MHz Ant1



OBW NVNT ax20 2462MHz Ant1





OBW NVNT ax20 2412MHz Ant2

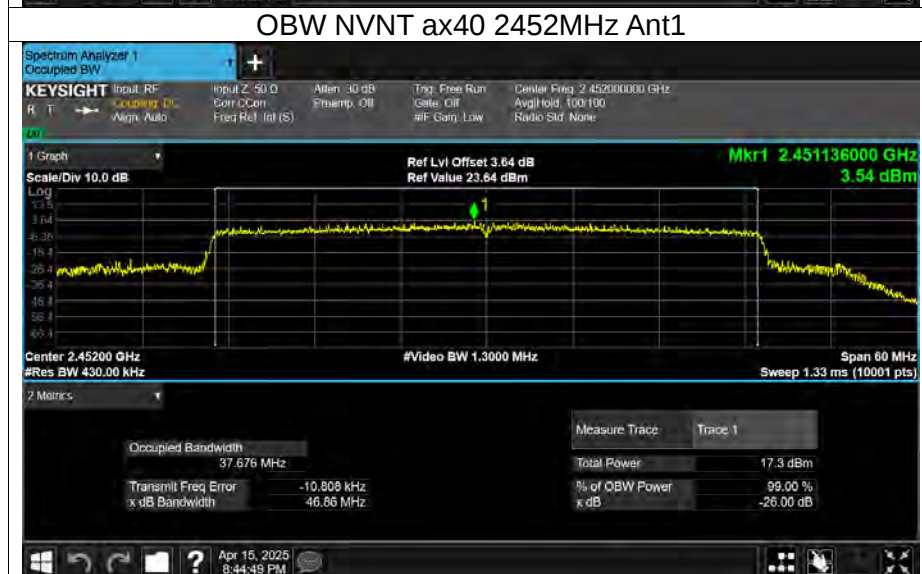
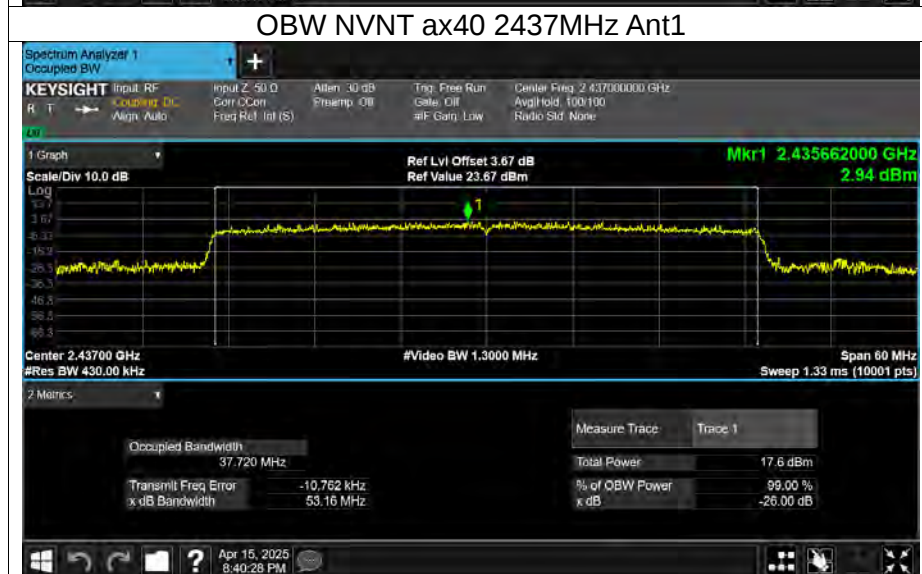
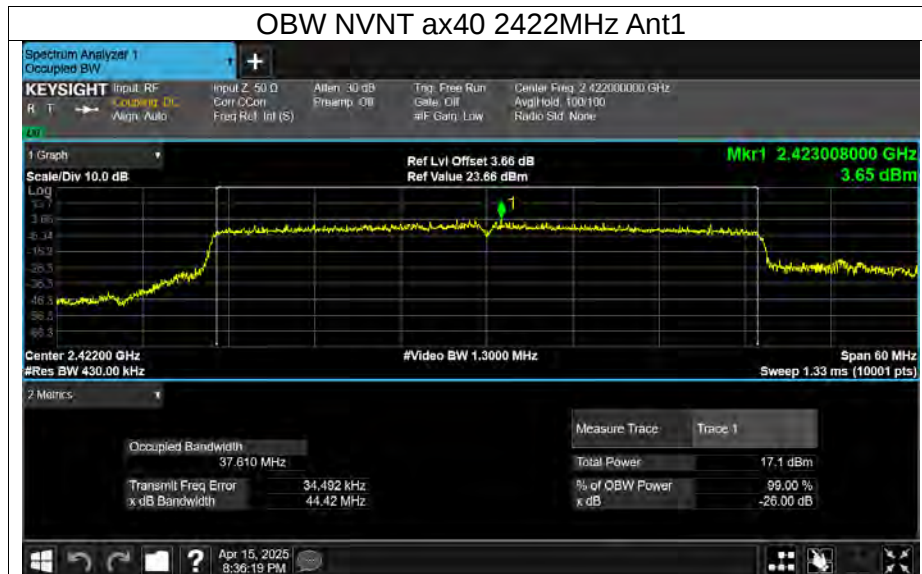


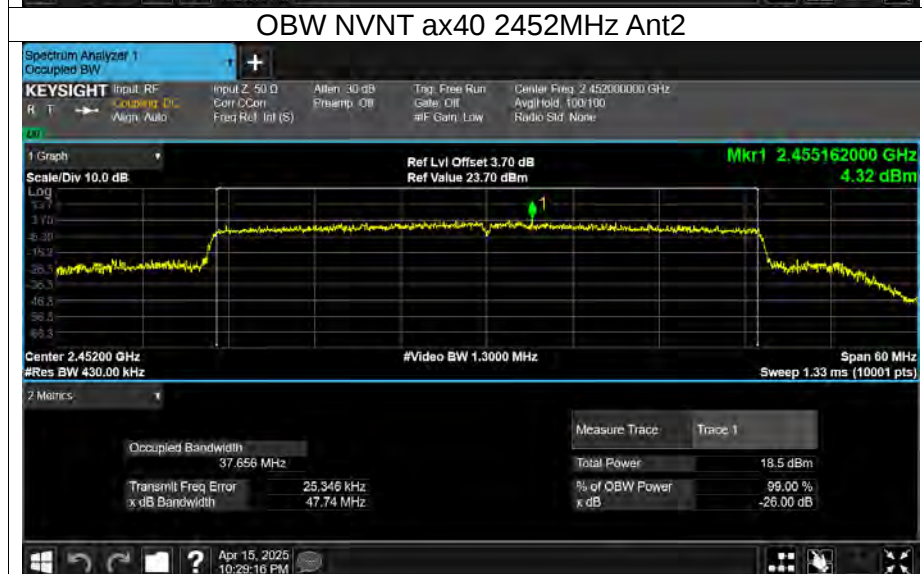
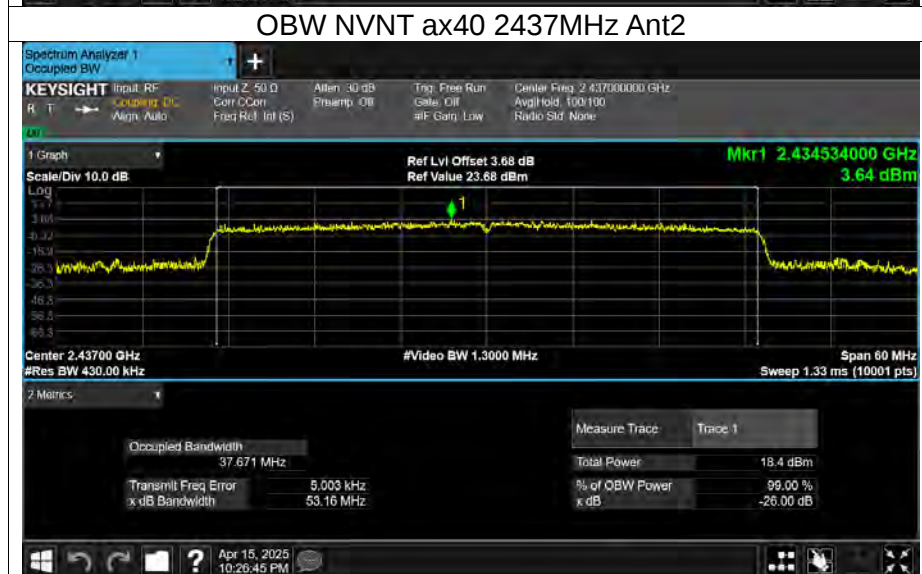
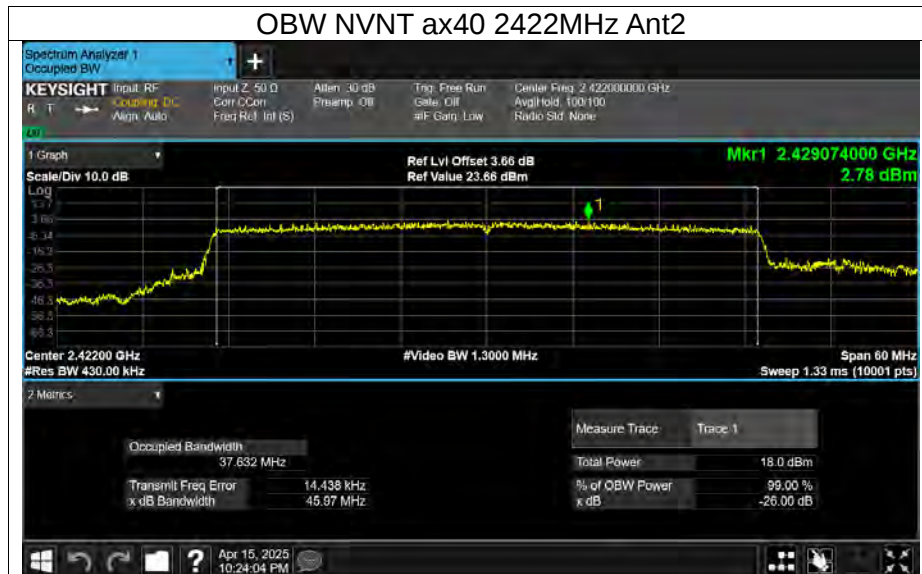
OBW NVNT ax20 2437MHz Ant2



OBW NVNT ax20 2462MHz Ant2







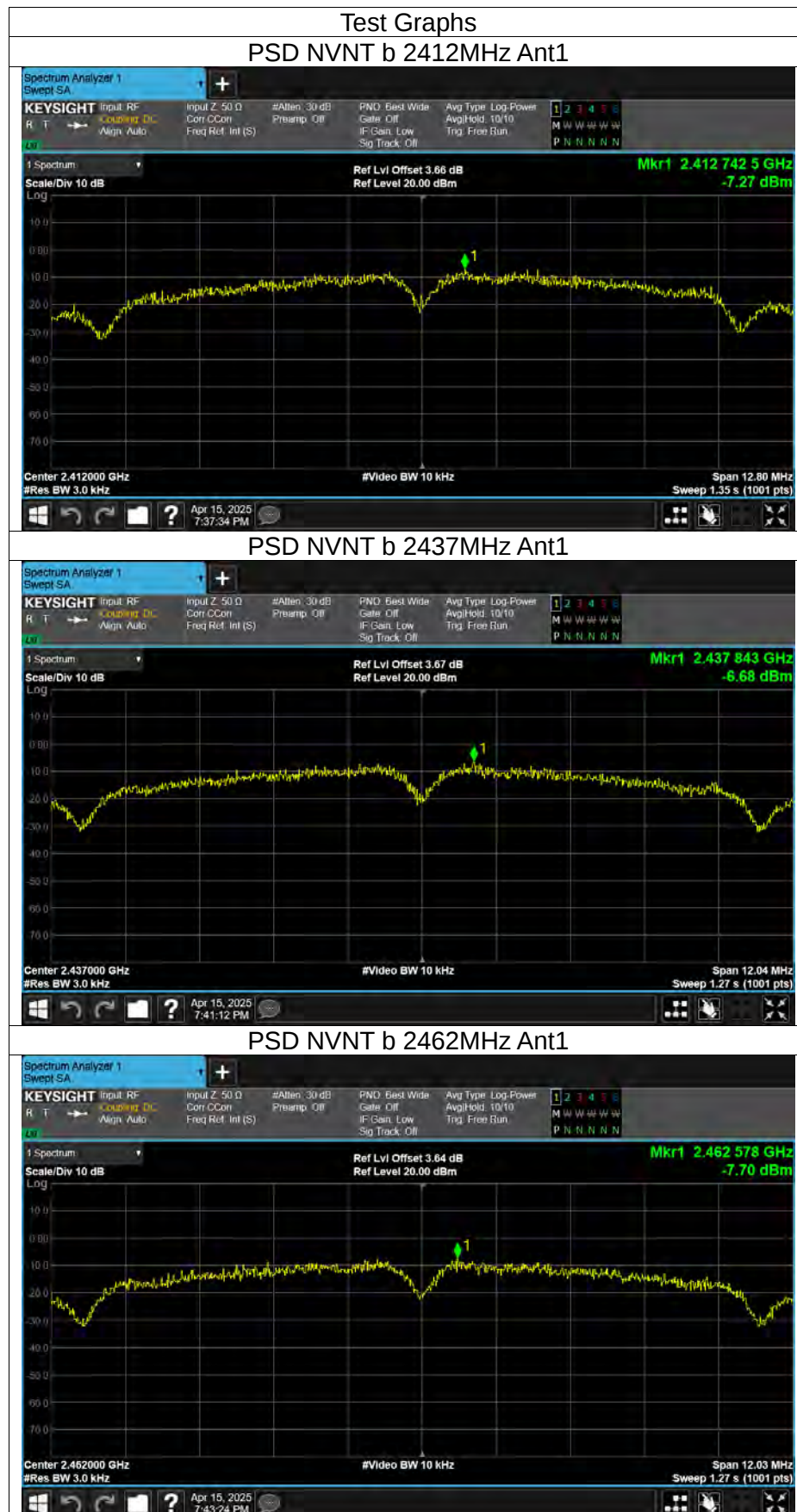


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-7.27	8	Pass
NVNT	b	2437	Ant1	-6.68	8	Pass
NVNT	b	2462	Ant1	-7.7	8	Pass
NVNT	b	2412	Ant2	-6.52	8	Pass
NVNT	b	2437	Ant2	-6.69	8	Pass
NVNT	b	2462	Ant2	-6.48	8	Pass
NVNT	g	2412	Ant1	-13.13	8	Pass
NVNT	g	2437	Ant1	-12.25	8	Pass
NVNT	g	2462	Ant1	-12.97	8	Pass
NVNT	g	2412	Ant2	-12.7	8	Pass
NVNT	g	2437	Ant2	-12.04	8	Pass
NVNT	g	2462	Ant2	-11.15	8	Pass
NVNT	n20	2412	Ant1	-13.07	8	Pass
NVNT	n20	2437	Ant1	-13.54	8	Pass
NVNT	n20	2462	Ant1	-12.03	8	Pass
NVNT	n20	2412	Ant2	-12.85	8	Pass
NVNT	n20	2437	Ant2	-12.07	8	Pass
NVNT	n20	2462	Ant2	-10.38	8	Pass
NVNT	n20	2412	Ant1	-12.31	8	Pass
NVNT	n20	2412	Ant2	-12.64	8	Pass
NVNT	n20	2412	MIMO	-9.46	8	Pass
NVNT	n20	2437	Ant1	-12.08	8	Pass
NVNT	n20	2437	Ant2	-11.21	8	Pass
NVNT	n20	2437	MIMO	-8.61	8	Pass
NVNT	n20	2462	Ant1	-11.74	8	Pass
NVNT	n20	2462	Ant2	-12	8	Pass
NVNT	n20	2462	MIMO	-8.86	8	Pass
NVNT	n40	2422	Ant1	-15.39	8	Pass
NVNT	n40	2437	Ant1	-16.24	8	Pass
NVNT	n40	2452	Ant1	-15.43	8	Pass
NVNT	n40	2422	Ant2	-14.94	8	Pass
NVNT	n40	2437	Ant2	-14.71	8	Pass
NVNT	n40	2452	Ant2	-13.54	8	Pass
NVNT	n40	2422	Ant1	-15.61	8	Pass
NVNT	n40	2422	Ant2	-15.78	8	Pass
NVNT	n40	2422	MIMO	-12.68	8	Pass
NVNT	n40	2437	Ant1	-15.42	8	Pass
NVNT	n40	2437	Ant2	-14.95	8	Pass
NVNT	n40	2437	MIMO	-12.17	8	Pass
NVNT	n40	2452	Ant1	-16.02	8	Pass
NVNT	n40	2452	Ant2	-15.16	8	Pass
NVNT	n40	2452	MIMO	-12.56	8	Pass
NVNT	ax20	2412	Ant1	-13.9	8	Pass
NVNT	ax20	2437	Ant1	-15.05	8	Pass
NVNT	ax20	2462	Ant1	-14.34	8	Pass
NVNT	ax20	2412	Ant2	-12.64	8	Pass
NVNT	ax20	2437	Ant2	-13.36	8	Pass
NVNT	ax20	2462	Ant2	-13.29	8	Pass
NVNT	ax20	2412	Ant1	-13.8	8	Pass
NVNT	ax20	2412	Ant2	-13.94	8	Pass
NVNT	ax20	2412	MIMO	-10.86	8	Pass
NVNT	ax20	2437	Ant1	-13.24	8	Pass

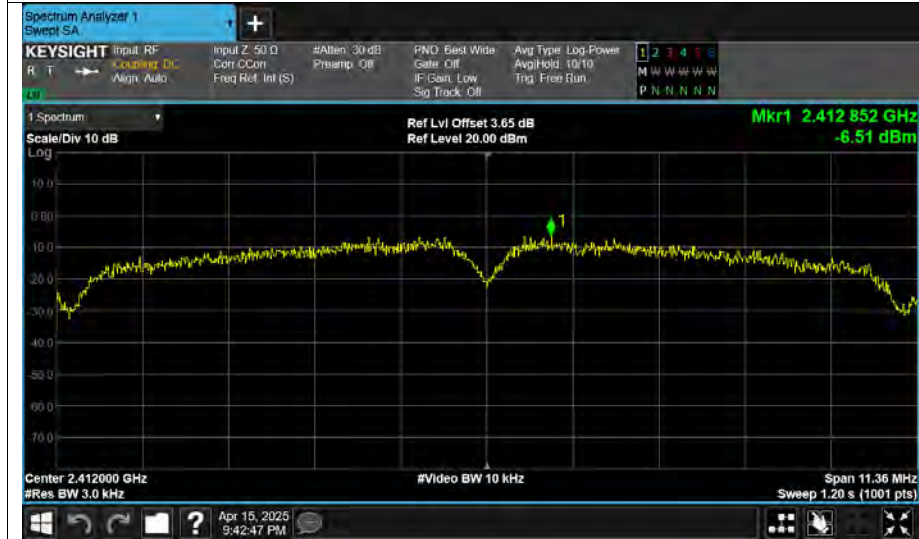


NVNT	ax20	2437	Ant2	-13.59	8	Pass
NVNT	ax20	2437	MIMO	-10.4	8	Pass
NVNT	ax20	2462	Ant1	-14.47	8	Pass
NVNT	ax20	2462	Ant2	-11.98	8	Pass
NVNT	ax20	2462	MIMO	-10.04	8	Pass
NVNT	ax40	2422	Ant1	-17.27	8	Pass
NVNT	ax40	2437	Ant1	-17.31	8	Pass
NVNT	ax40	2452	Ant1	-17.55	8	Pass
NVNT	ax40	2422	Ant2	-16.5	8	Pass
NVNT	ax40	2437	Ant2	-15.48	8	Pass
NVNT	ax40	2452	Ant2	-17.03	8	Pass
NVNT	ax40	2422	Ant1	-17.09	8	Pass
NVNT	ax40	2422	Ant2	-15.32	8	Pass
NVNT	ax40	2422	MIMO	-13.11	8	Pass
NVNT	ax40	2437	Ant1	-16.26	8	Pass
NVNT	ax40	2437	Ant2	-16.02	8	Pass
NVNT	ax40	2437	MIMO	-13.13	8	Pass
NVNT	ax40	2452	Ant1	-16.85	8	Pass
NVNT	ax40	2452	Ant2	-15.09	8	Pass
NVNT	ax40	2452	MIMO	-12.87	8	Pass

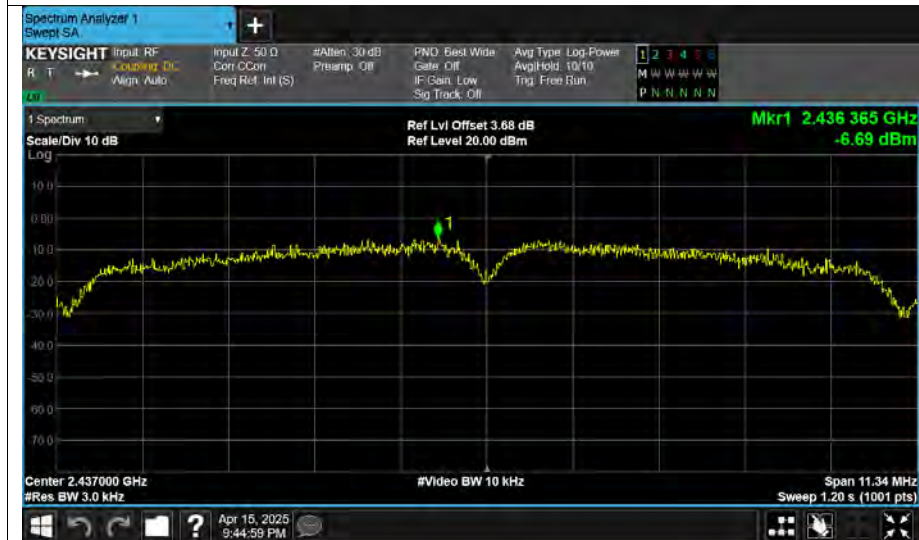




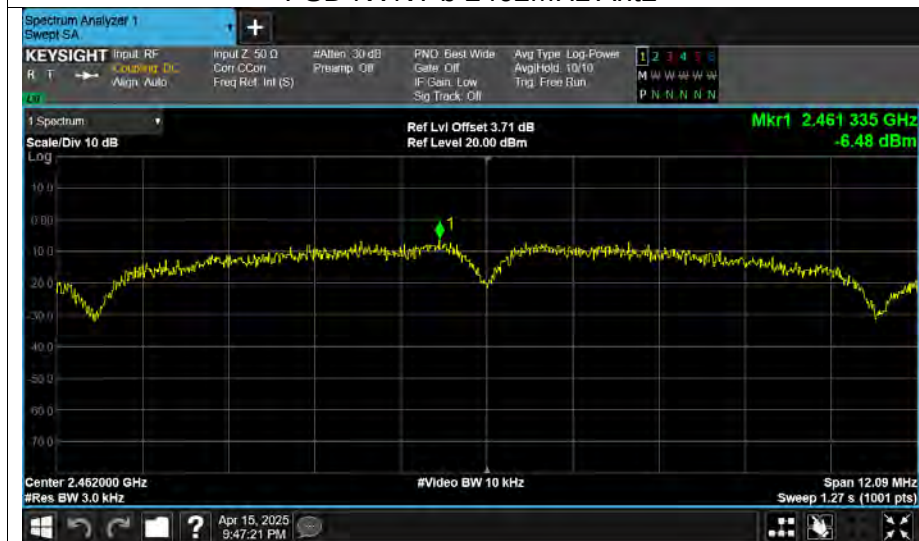
PSD NVNT b 2412MHz Ant2

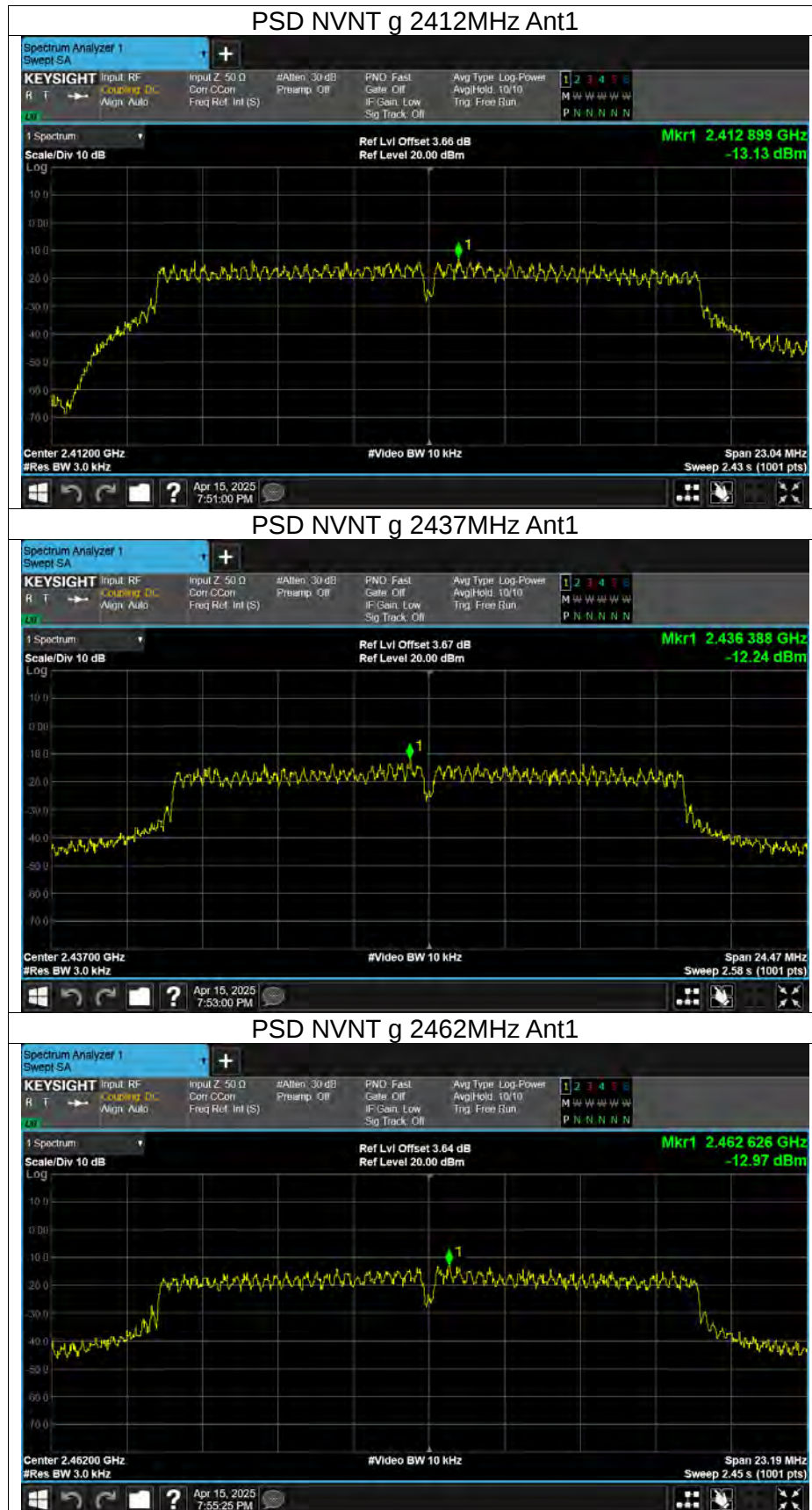


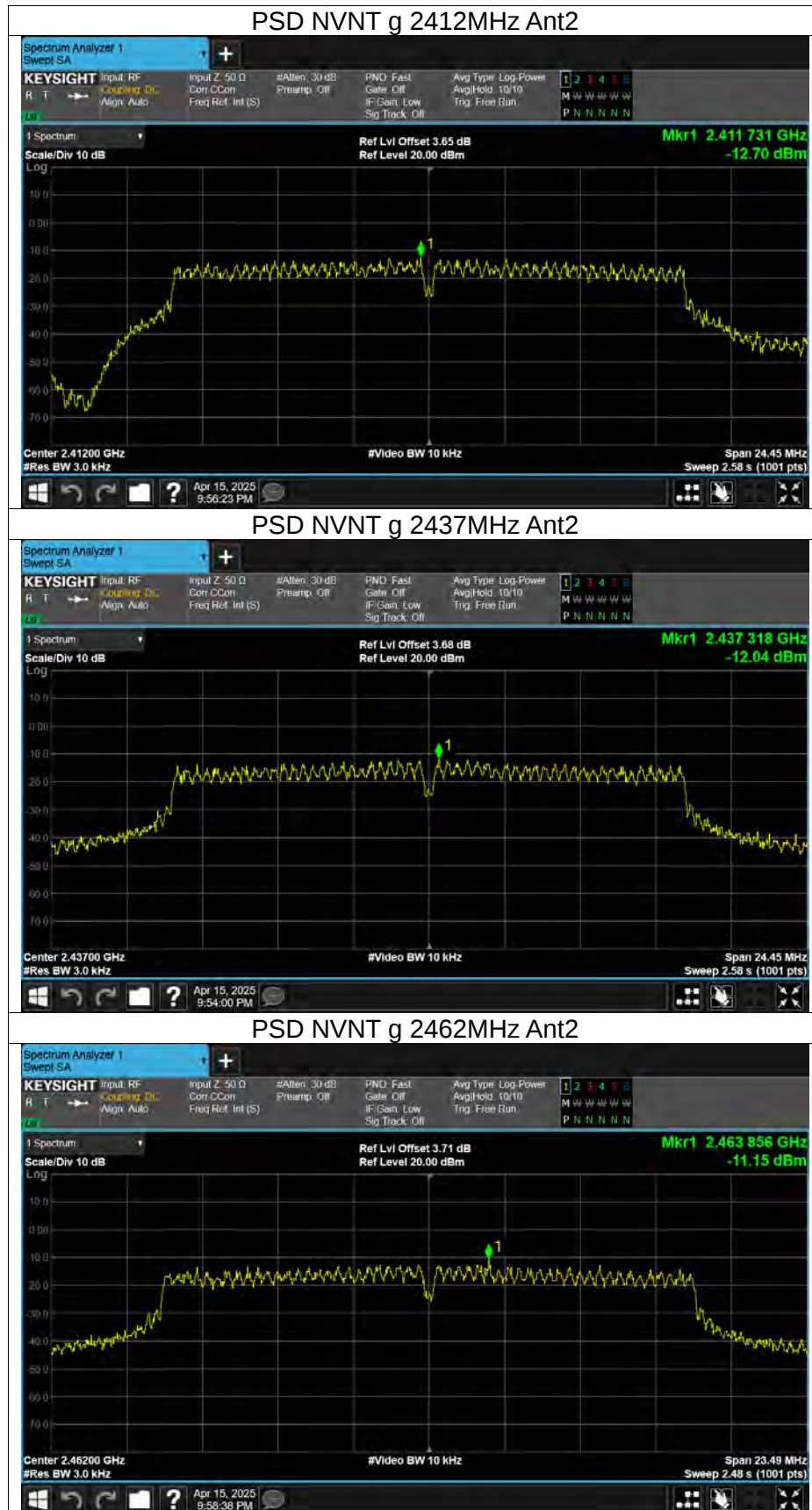
PSD NVNT b 2437MHz Ant2

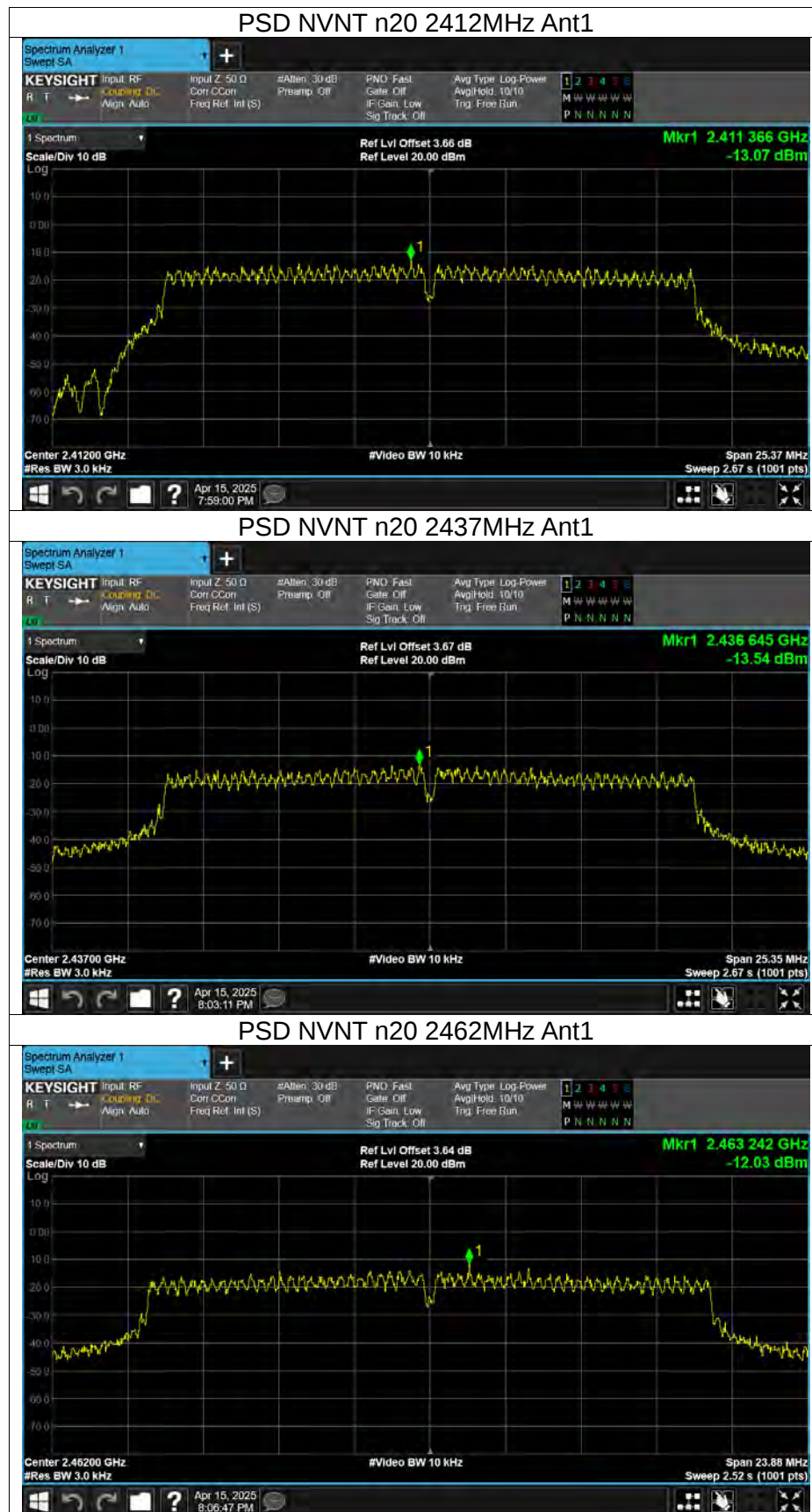


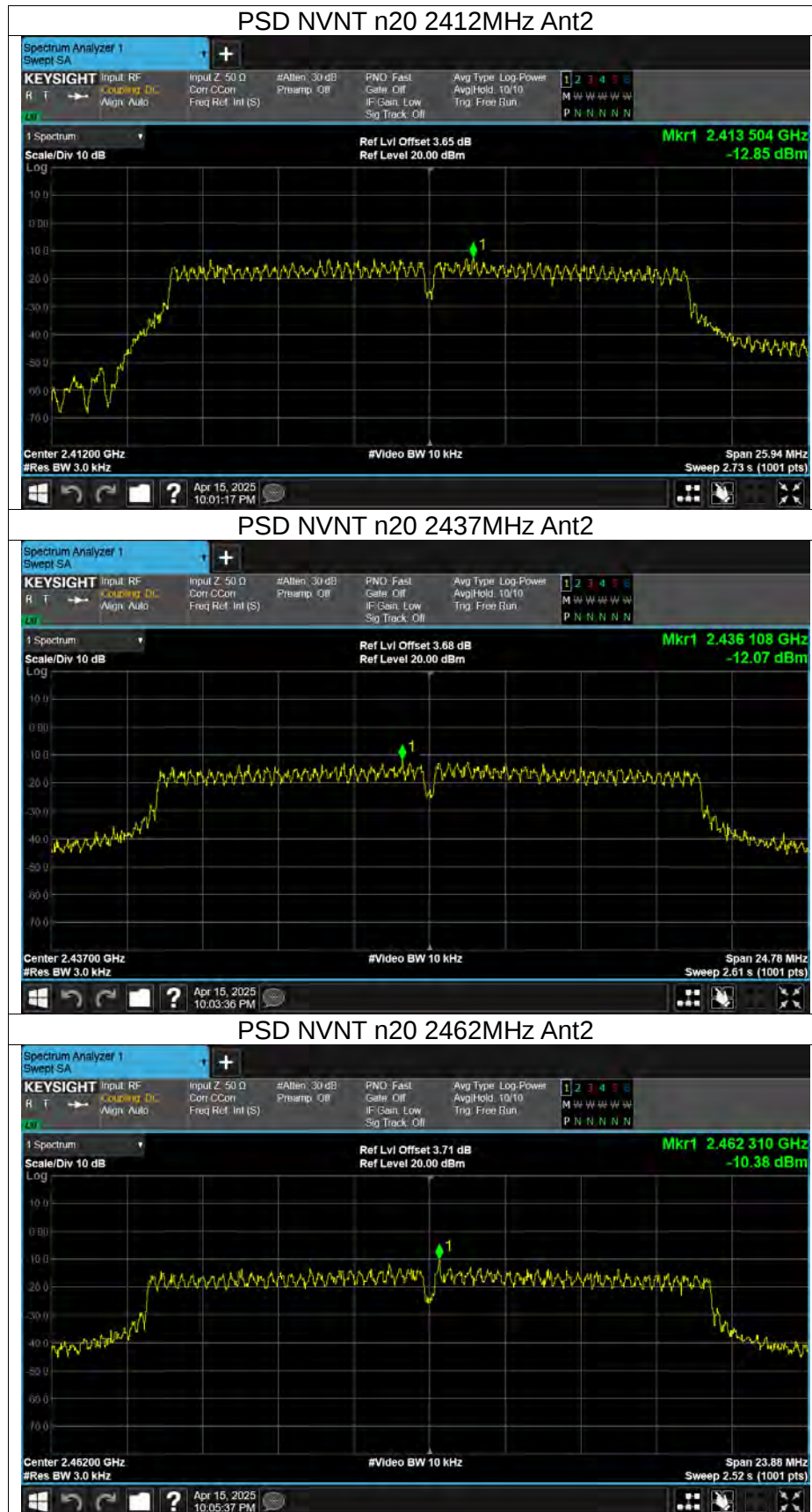
PSD NVNT b 2462MHz Ant2

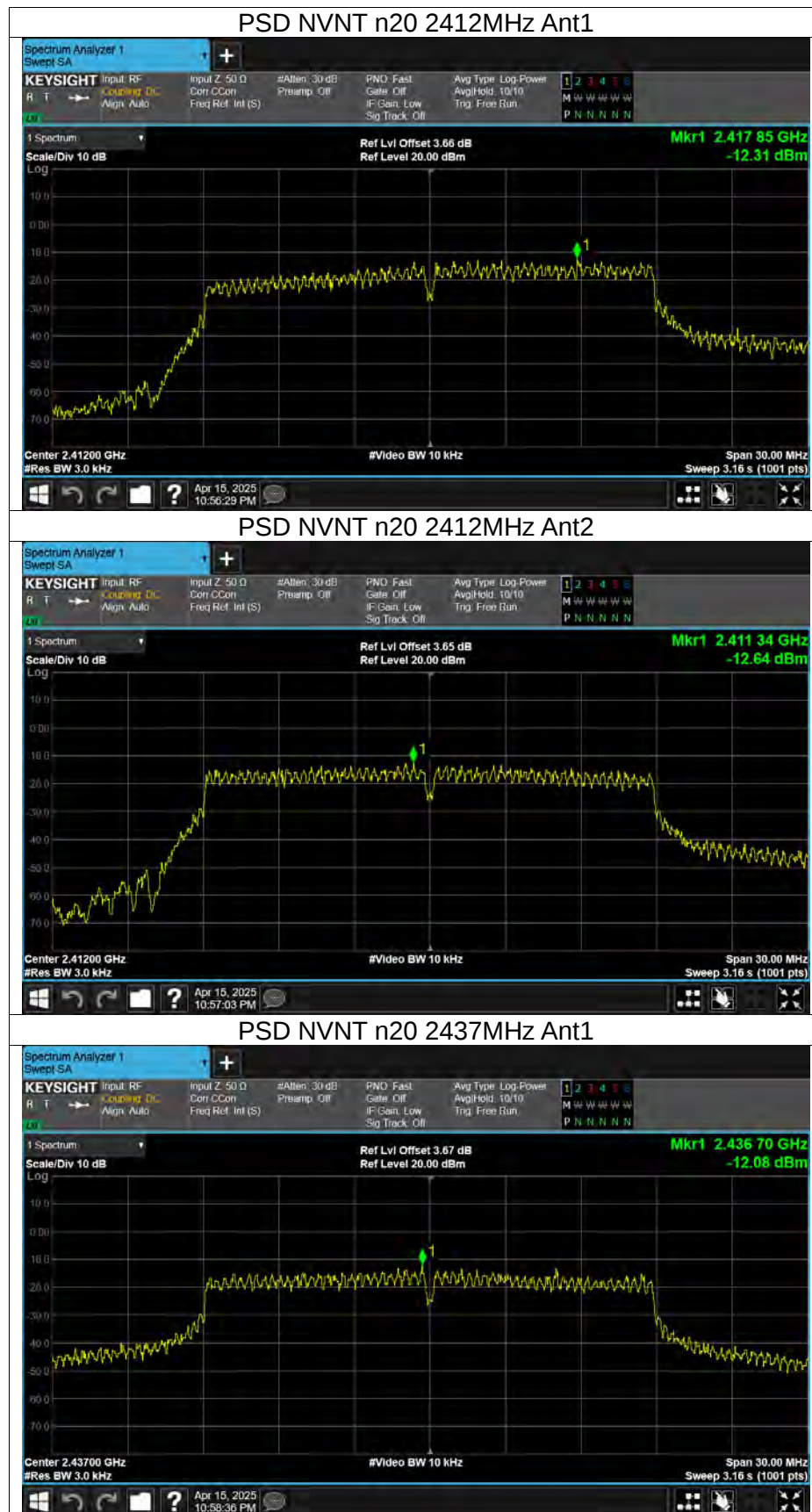


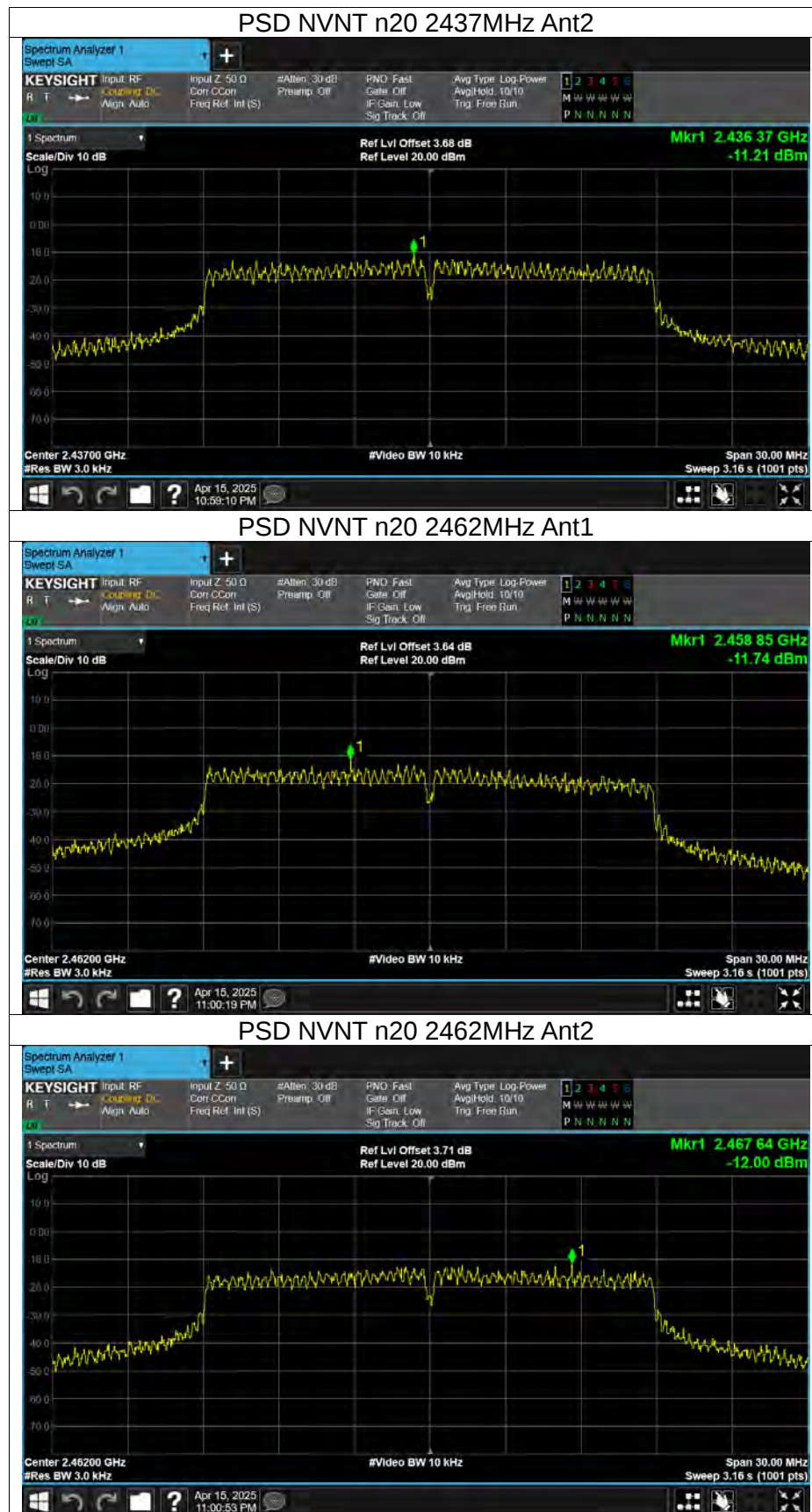


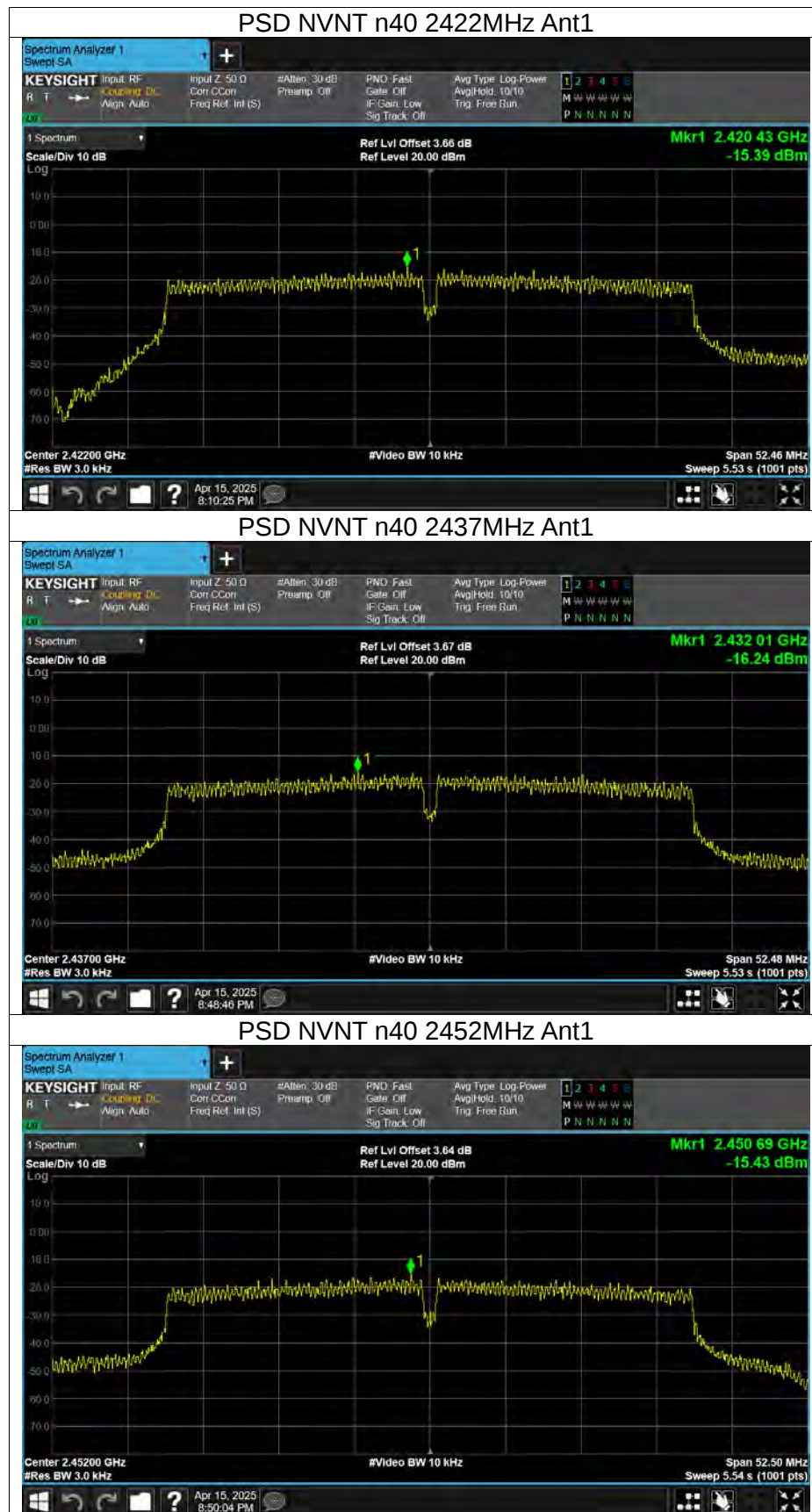


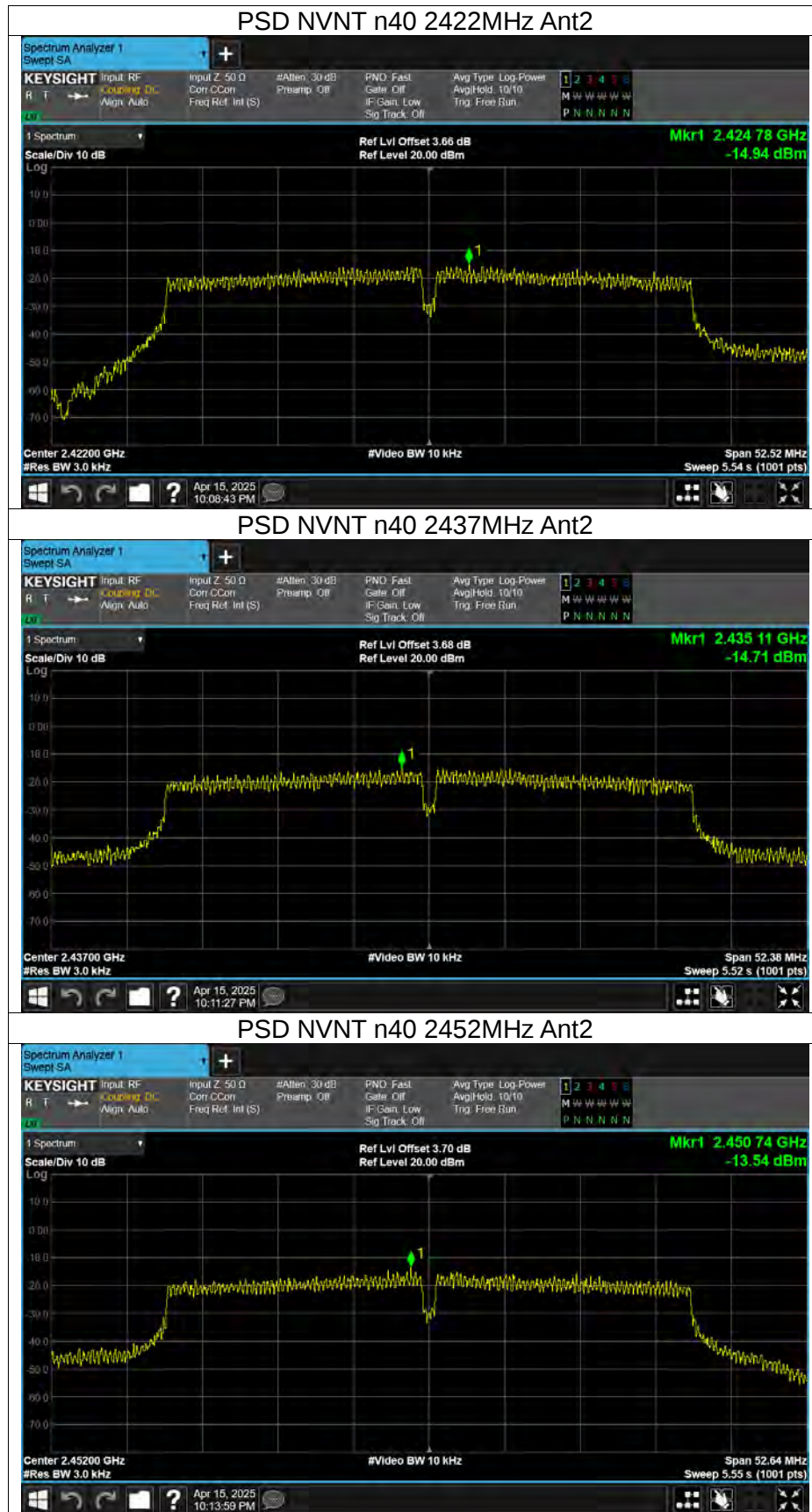


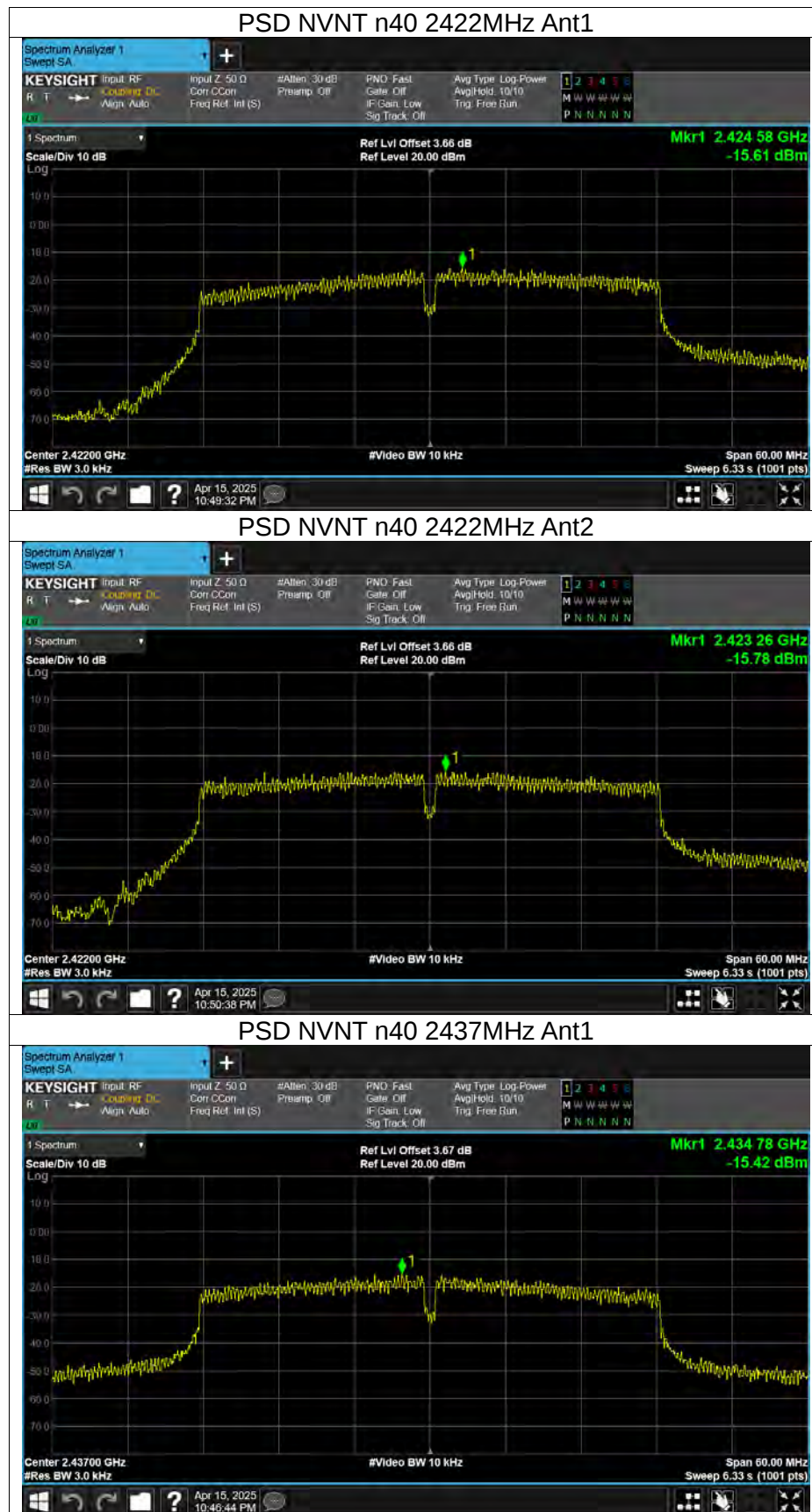


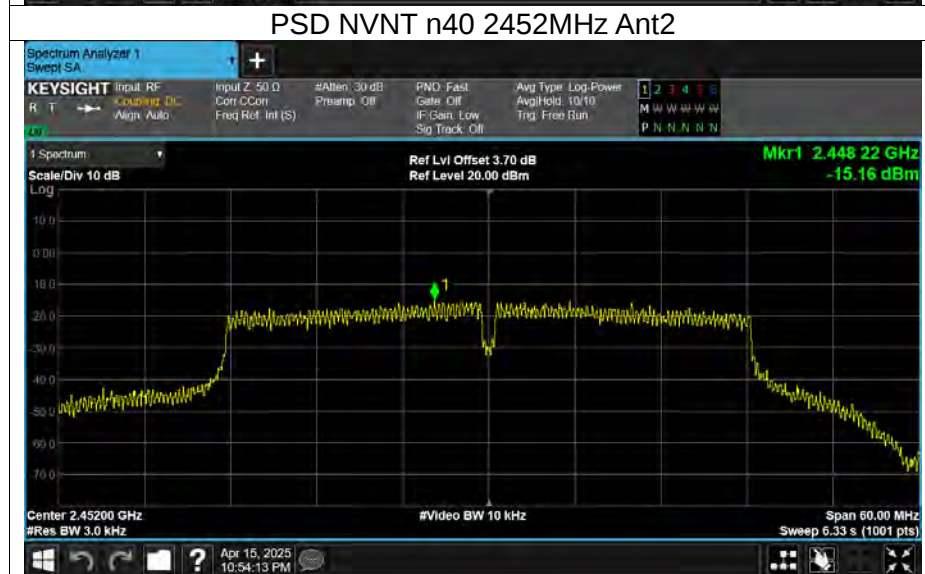
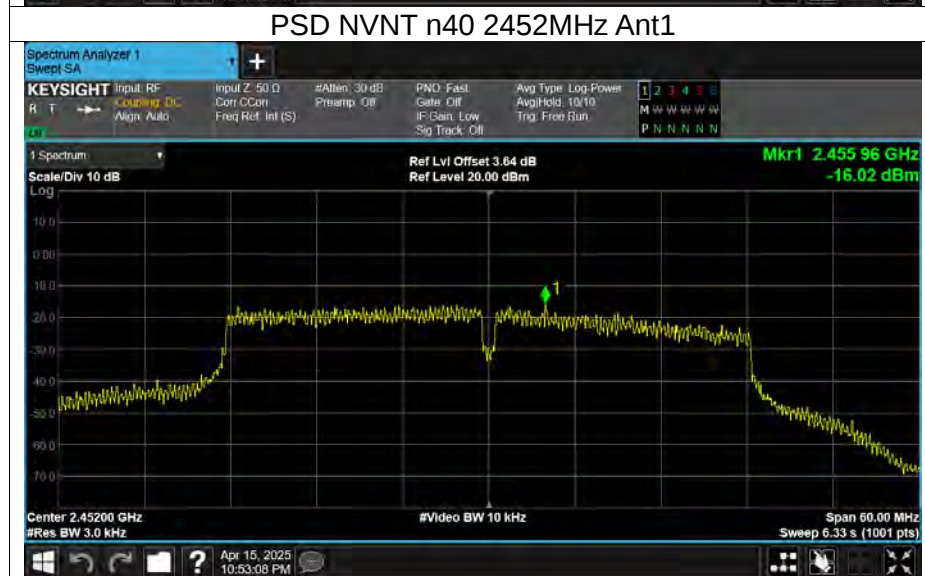
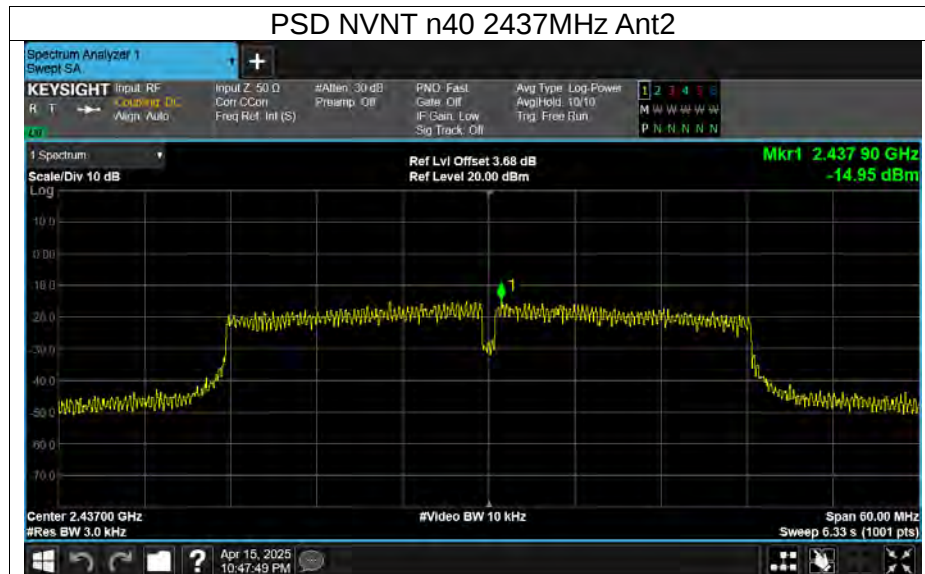


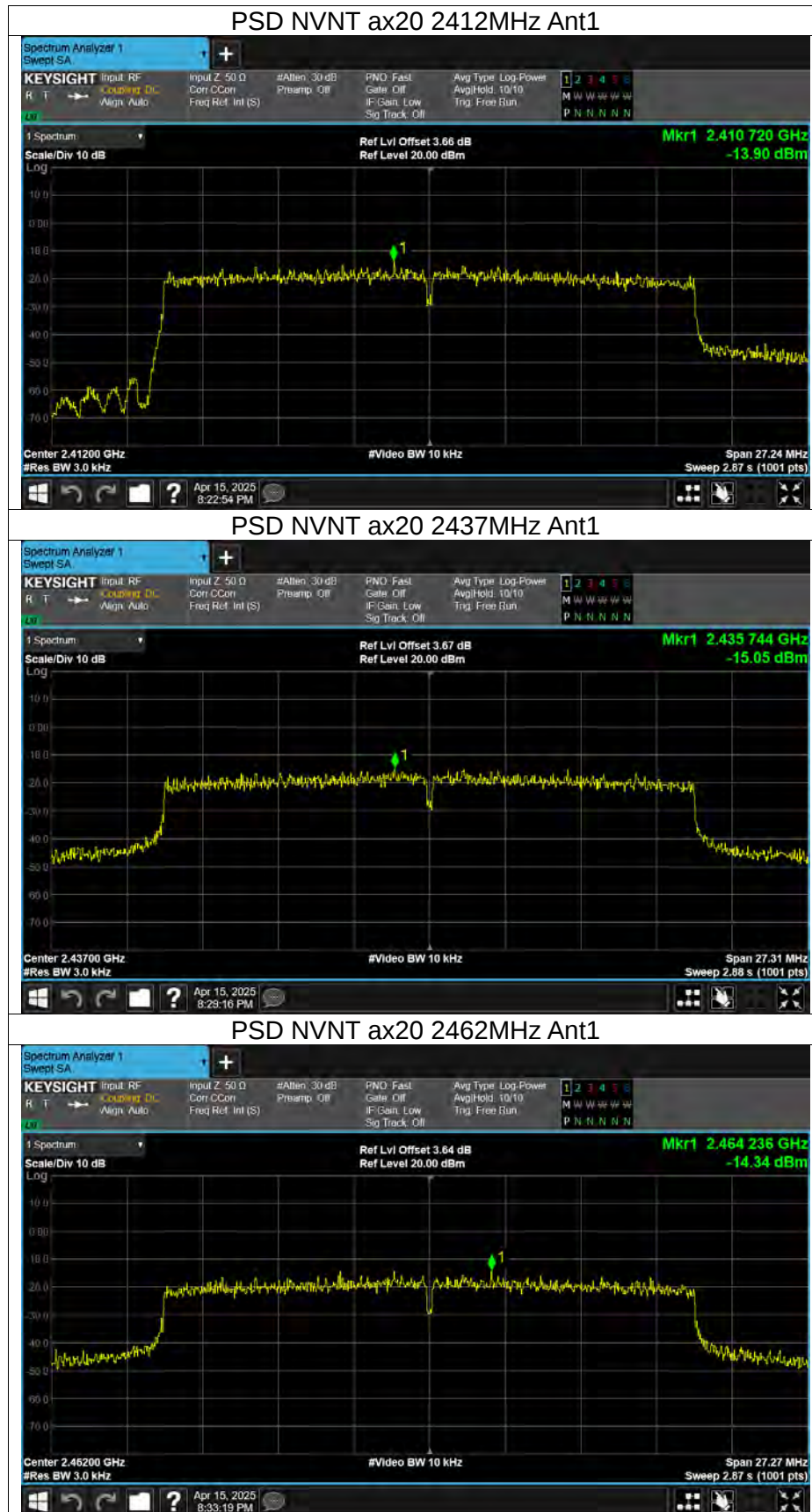


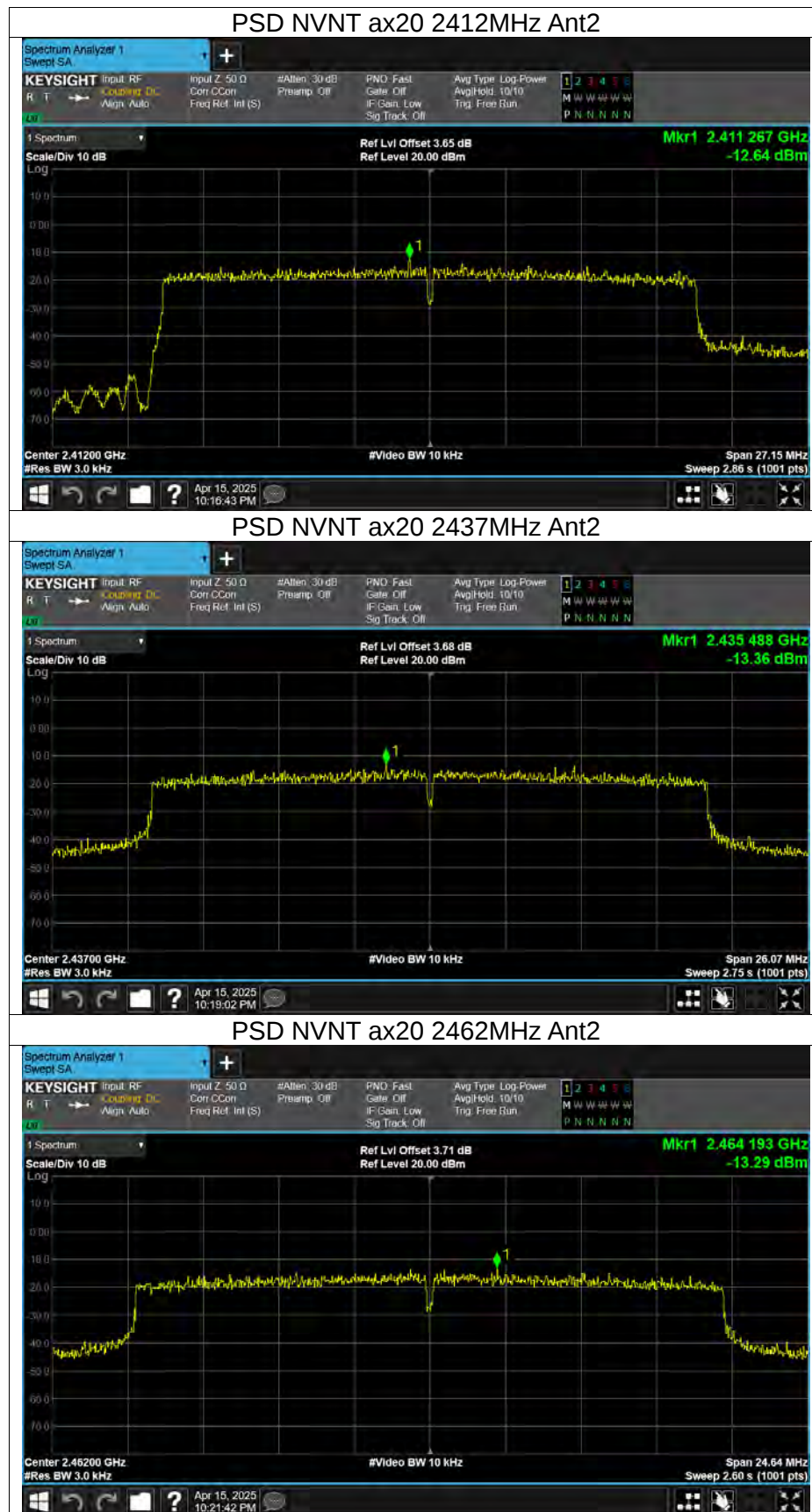


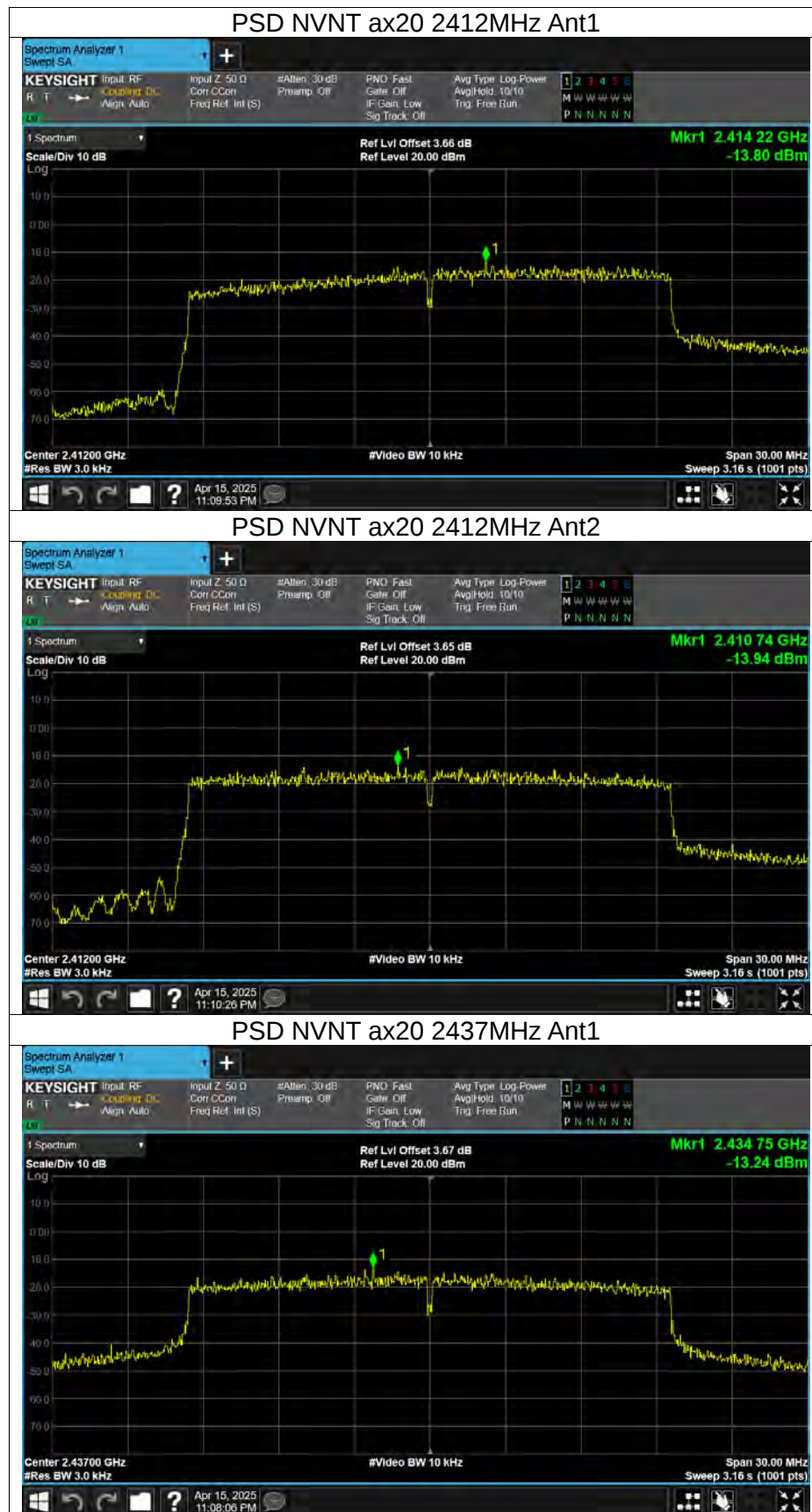


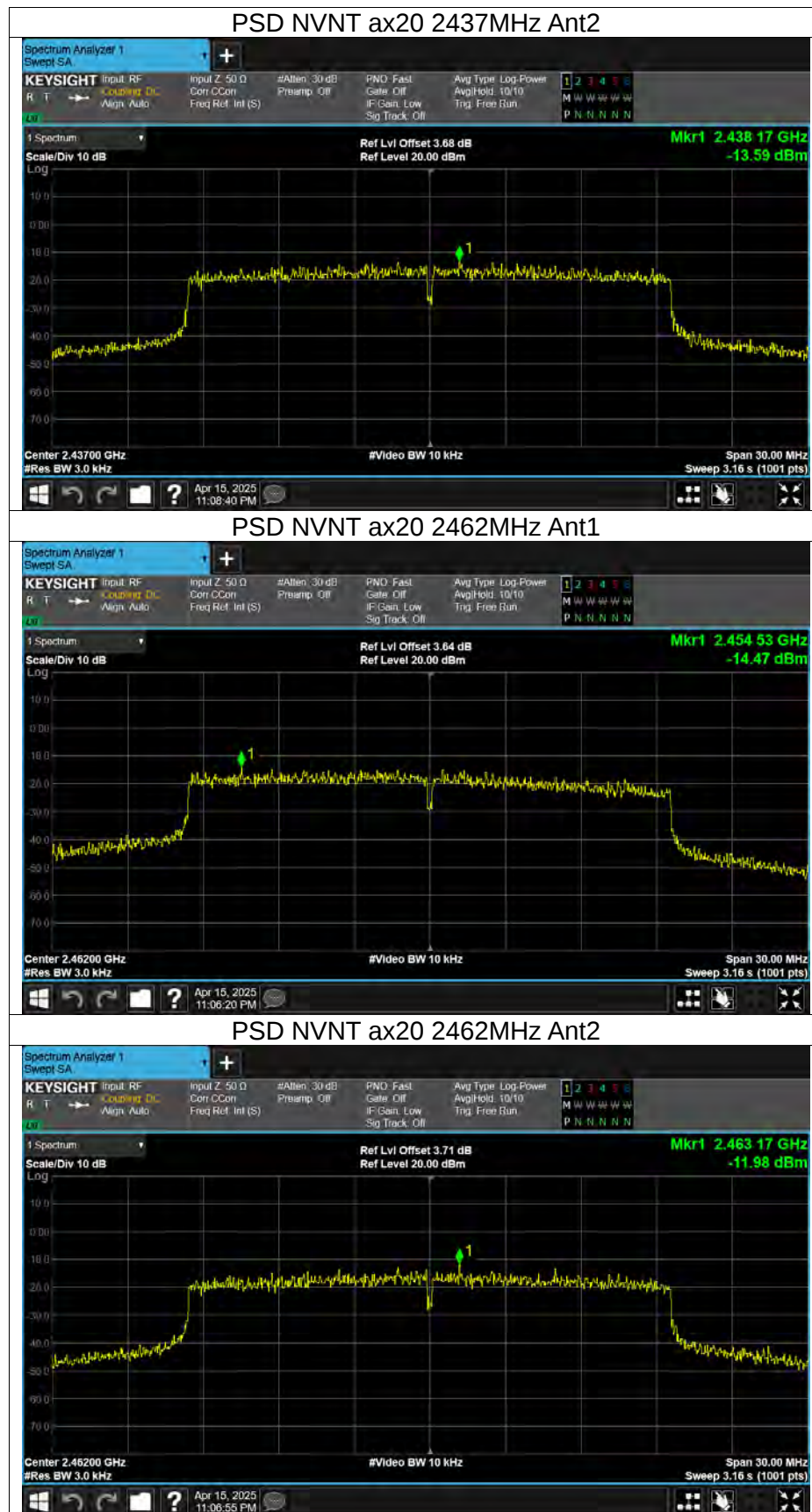


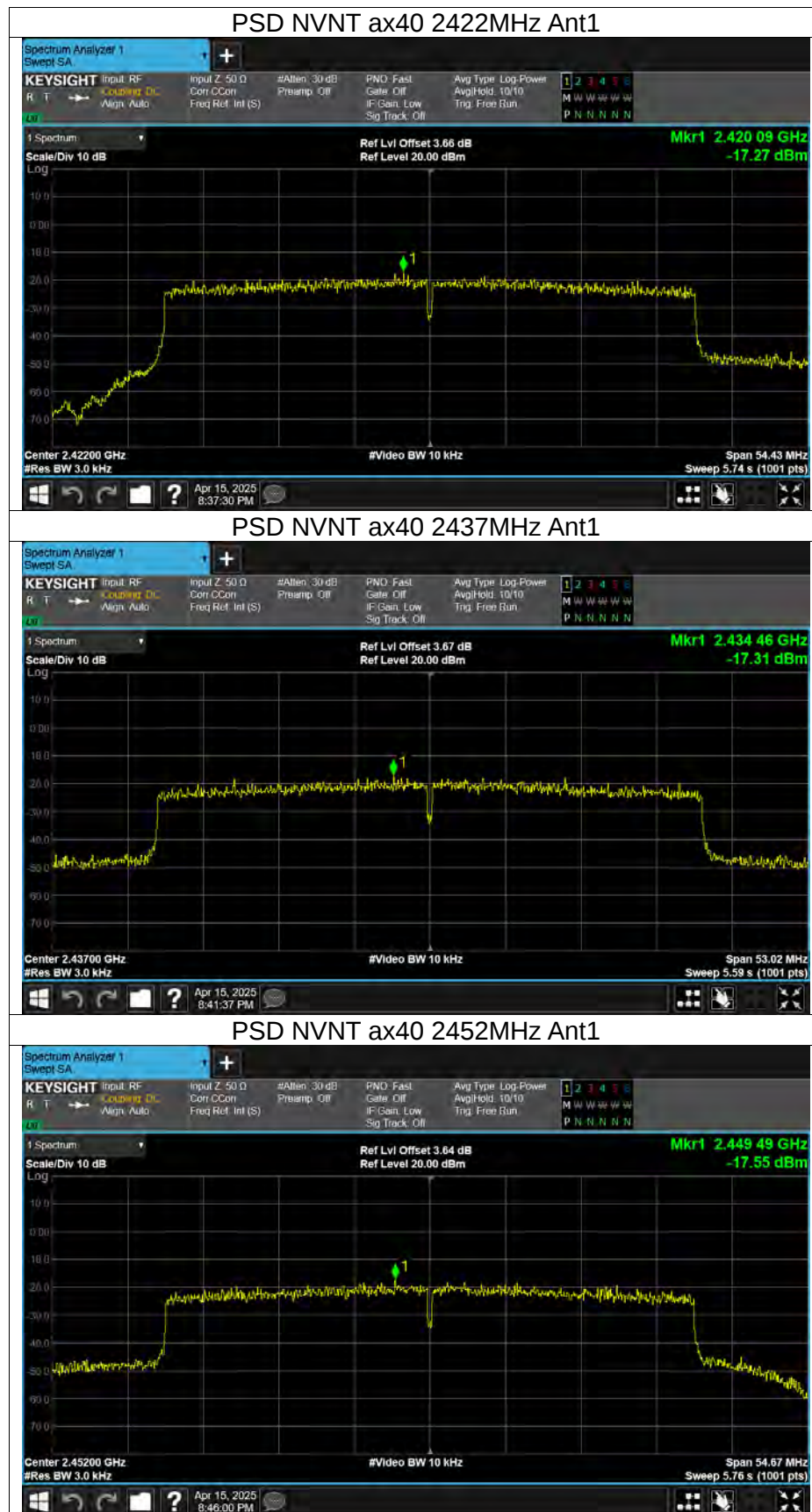


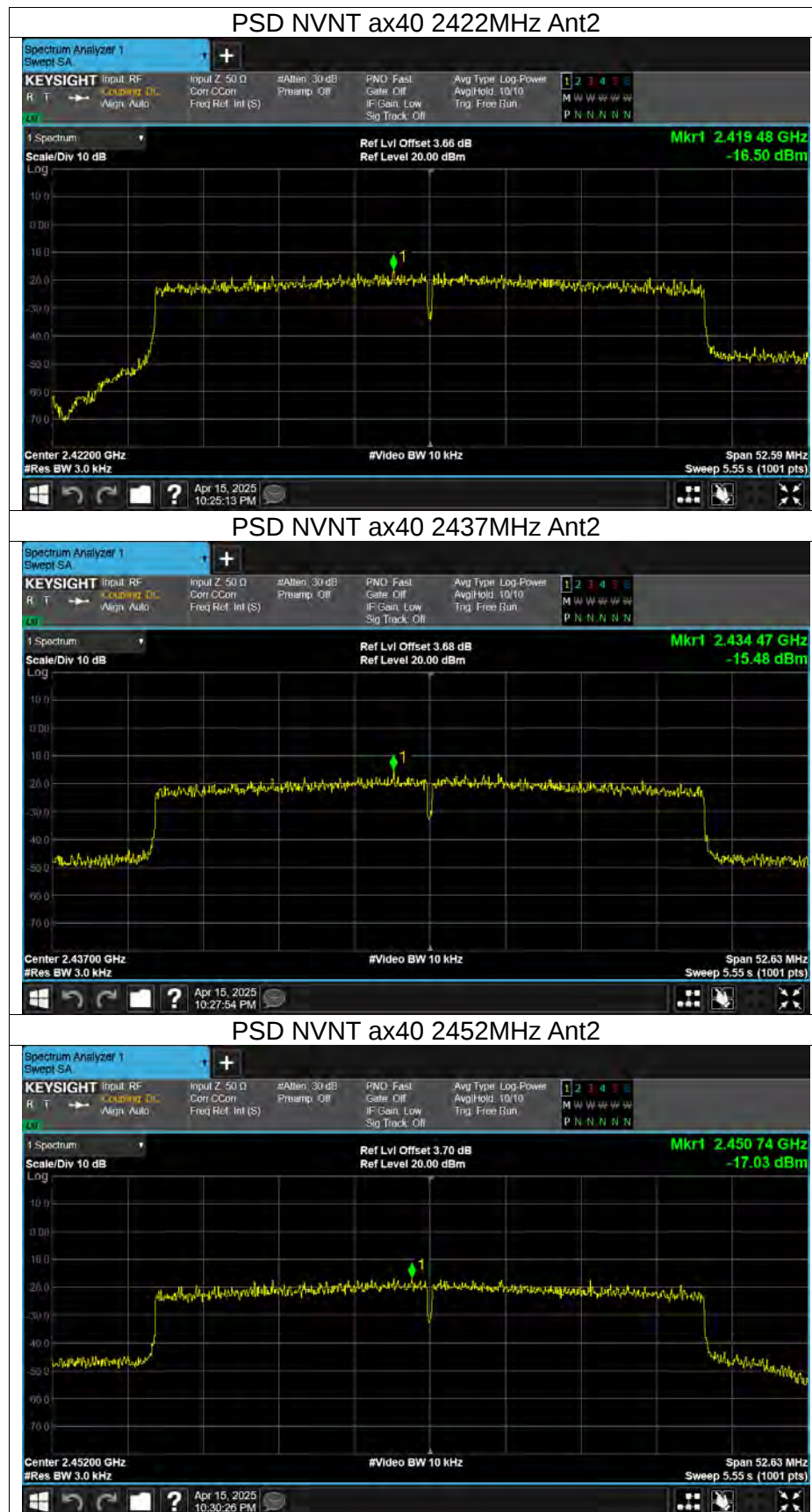


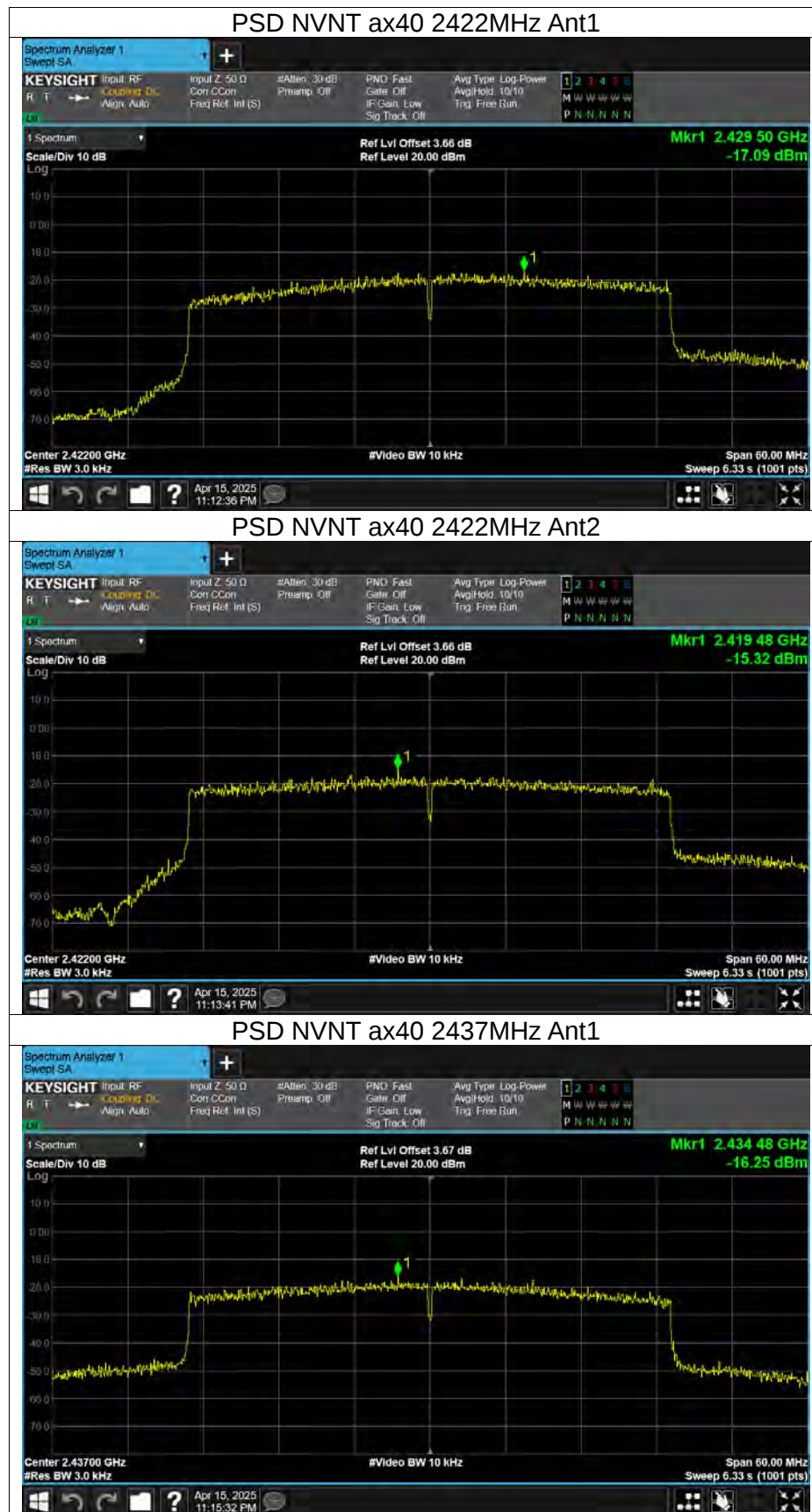


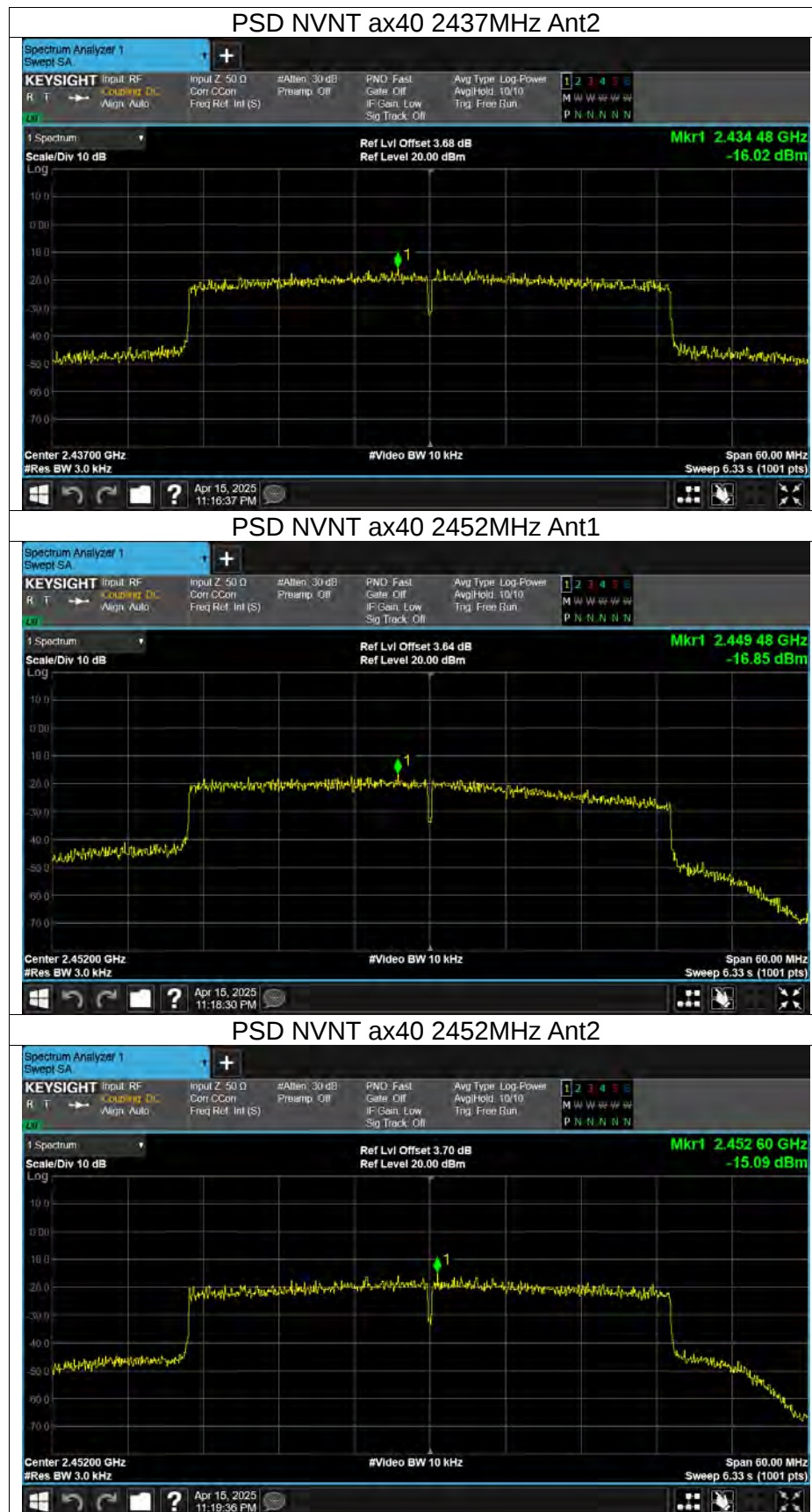














Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-53.29	-20	Pass
NVNT	b	2462	Ant1	-59.96	-20	Pass
NVNT	b	2412	Ant2	-52.51	-20	Pass
NVNT	b	2462	Ant2	-60.23	-20	Pass
NVNT	g	2412	Ant1	-43.15	-20	Pass
NVNT	g	2462	Ant1	-53.34	-20	Pass
NVNT	g	2412	Ant2	-41.58	-20	Pass
NVNT	g	2462	Ant2	-54.21	-20	Pass
NVNT	n20	2412	Ant1	-43.92	-20	Pass
NVNT	n20	2462	Ant1	-52.14	-20	Pass
NVNT	n20	2412	Ant2	-42.44	-20	Pass
NVNT	n20	2462	Ant2	-55.36	-20	Pass
NVNT	n40	2422	Ant1	-37.14	-20	Pass
NVNT	n40	2452	Ant1	-49.47	-20	Pass
NVNT	n40	2422	Ant2	-36.45	-20	Pass
NVNT	n40	2452	Ant2	-48.08	-20	Pass
NVNT	ax20	2412	Ant1	-45.73	-20	Pass
NVNT	ax20	2462	Ant1	-52.19	-20	Pass
NVNT	ax20	2412	Ant2	-45.86	-20	Pass
NVNT	ax20	2462	Ant2	-52.99	-20	Pass
NVNT	ax40	2422	Ant1	-37.41	-20	Pass
NVNT	ax40	2452	Ant1	-48.65	-20	Pass
NVNT	ax40	2422	Ant2	-36.3	-20	Pass
NVNT	ax40	2452	Ant2	-49.87	-20	Pass

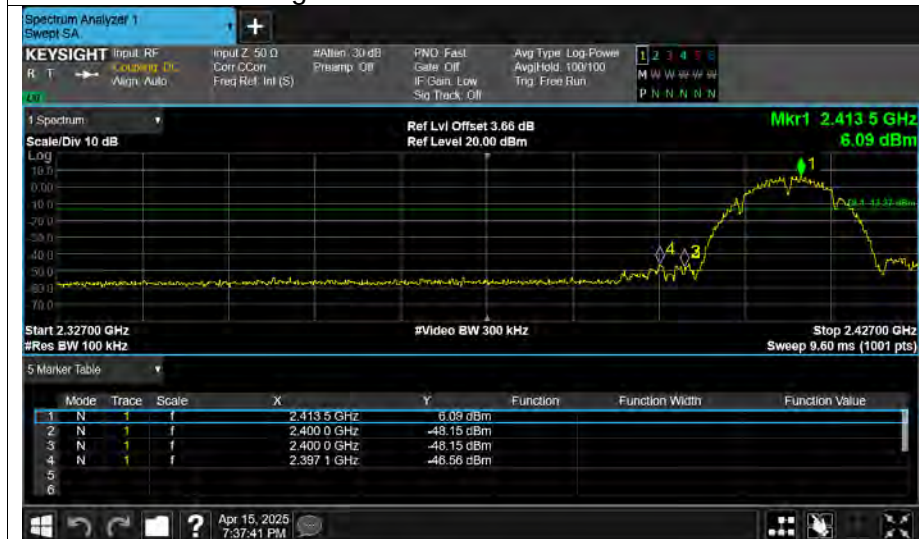


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2462MHz Ant1 Ref







Band Edge NVNT b 2462MHz Ant2 Ref

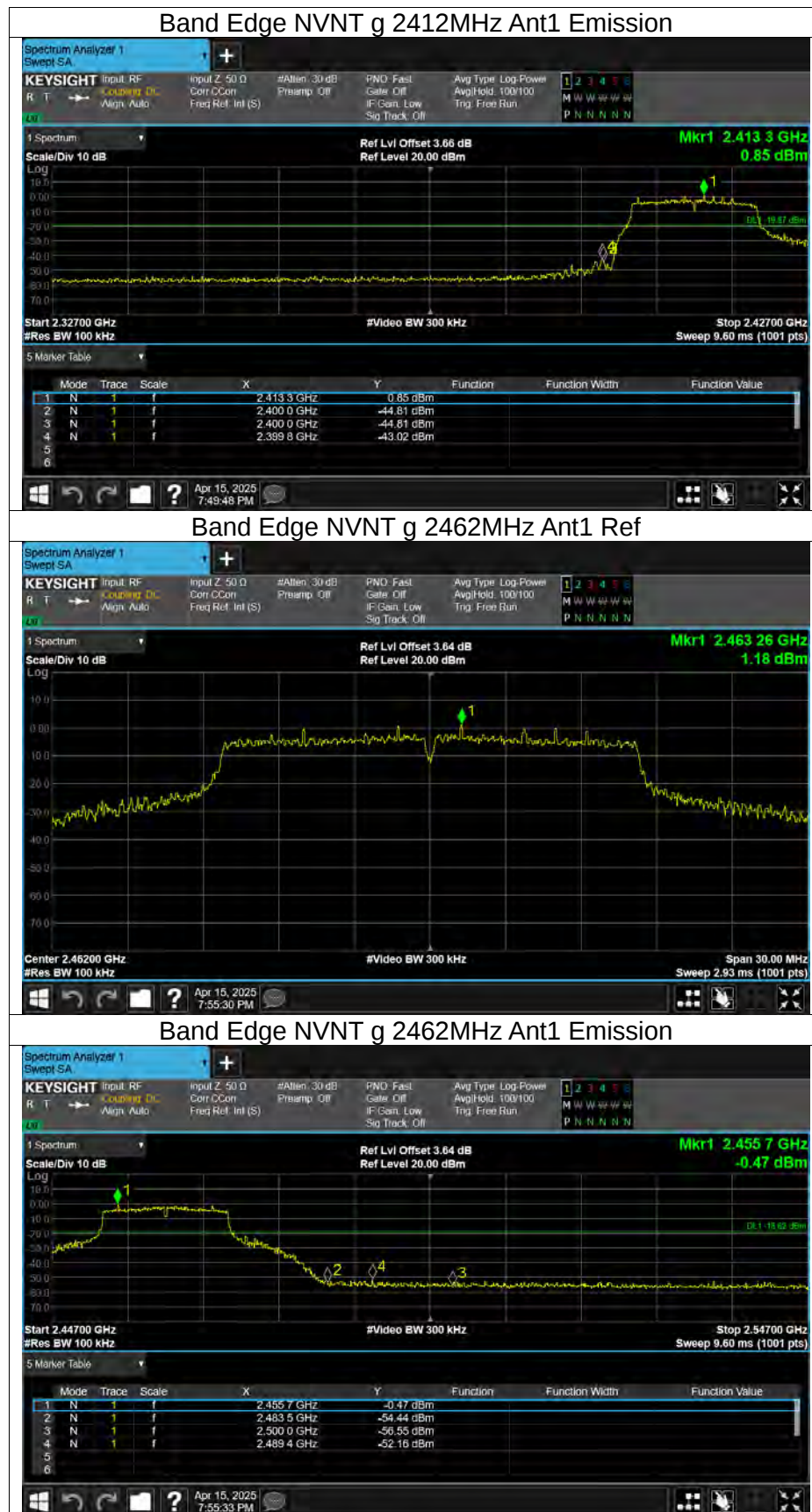


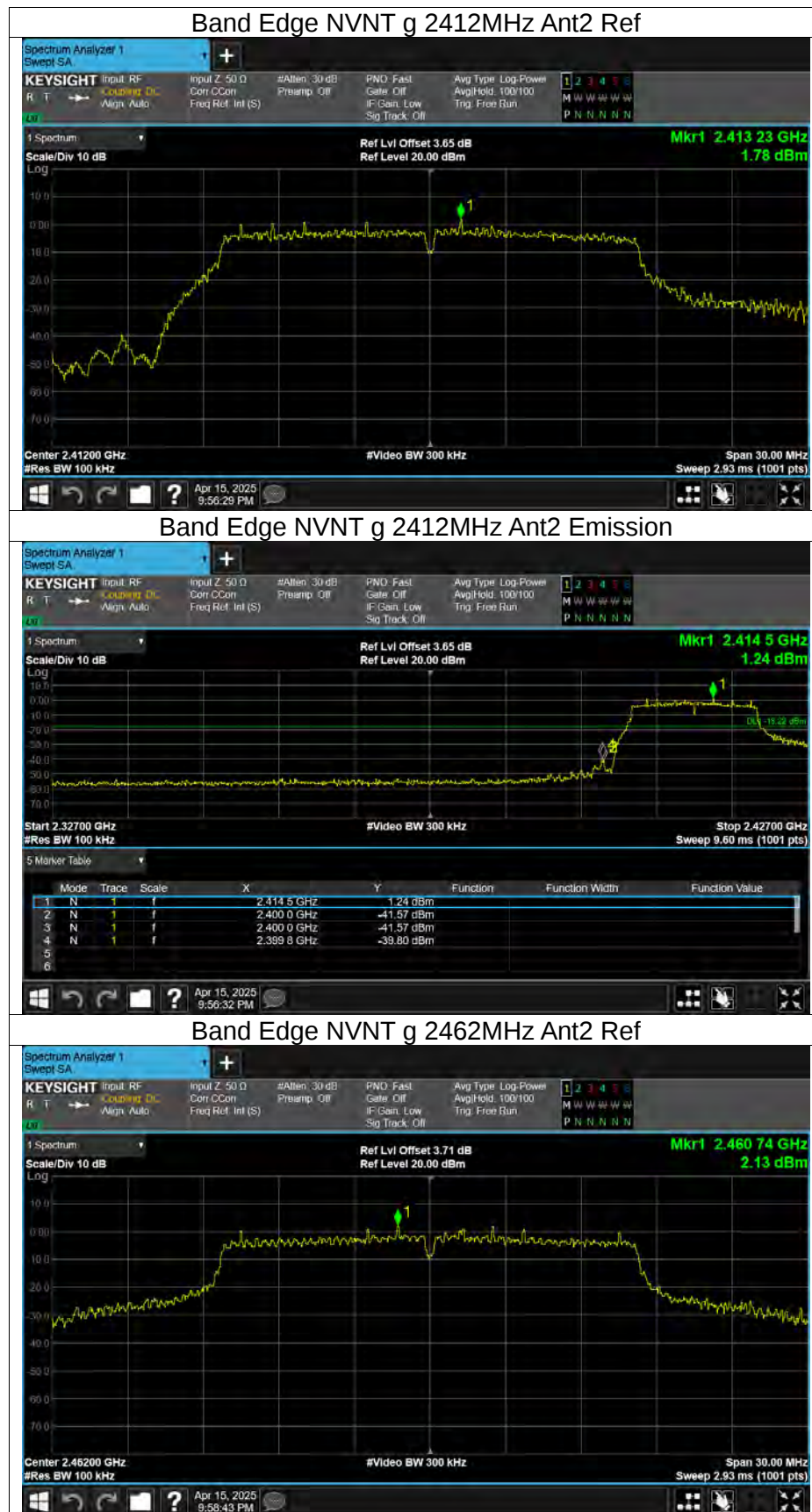
Band Edge NVNT b 2462MHz Ant2 Emission



Band Edge NVNT g 2412MHz Ant1 Ref









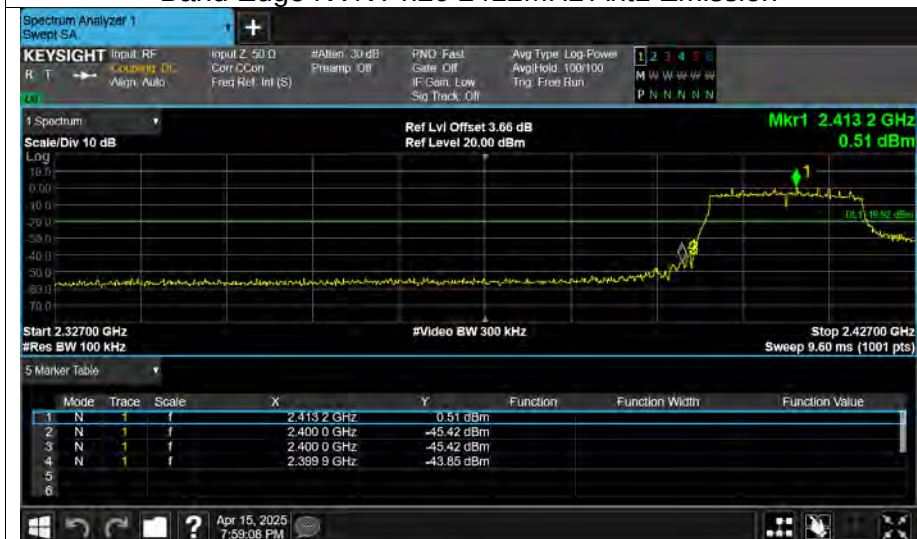
Band Edge NVNT g 2462MHz Ant2 Emission

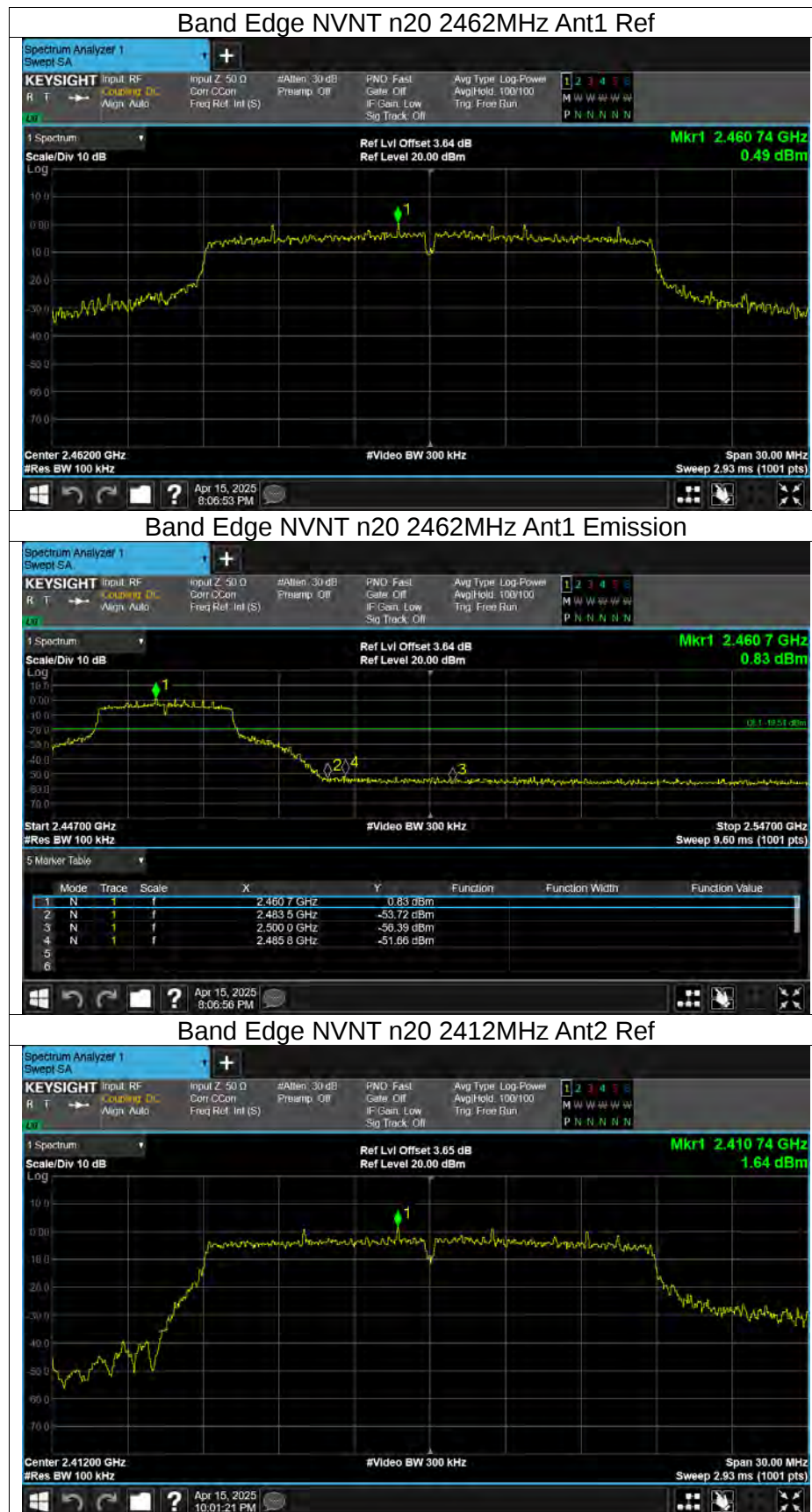


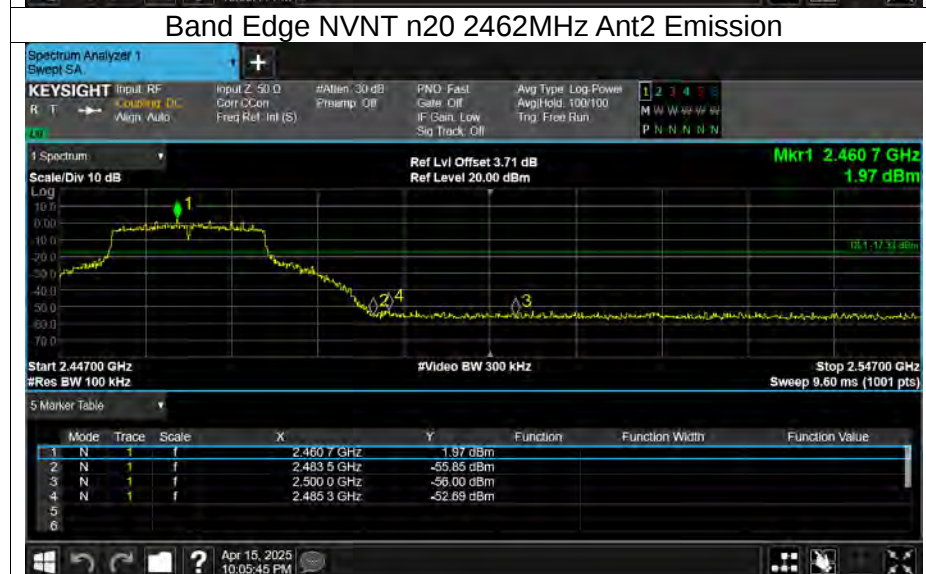
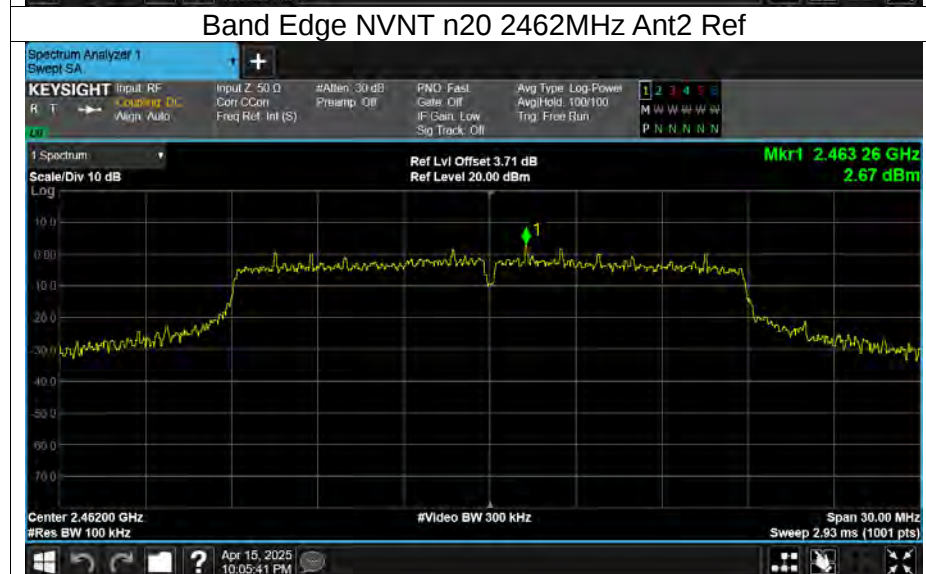
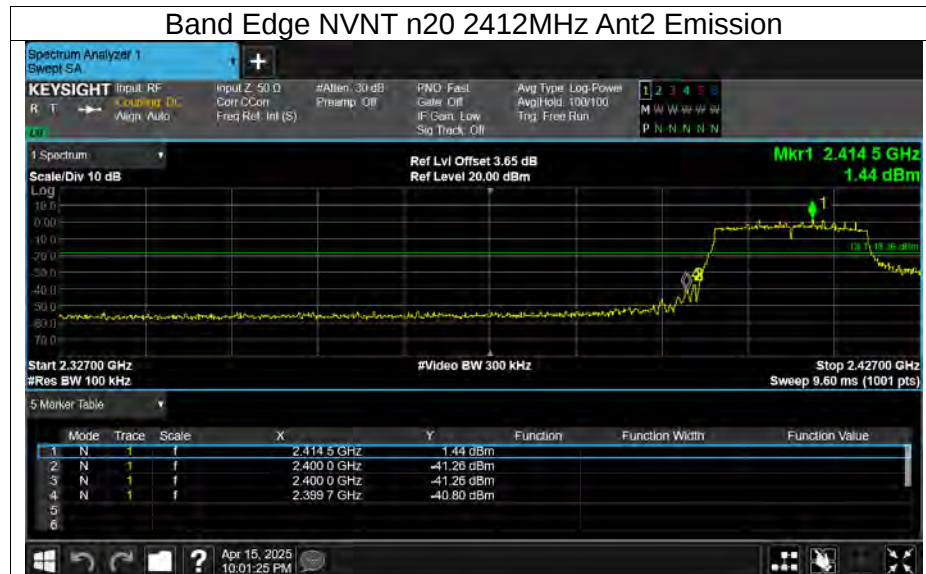
Band Edge NVNT n20 2412MHz Ant1 Ref

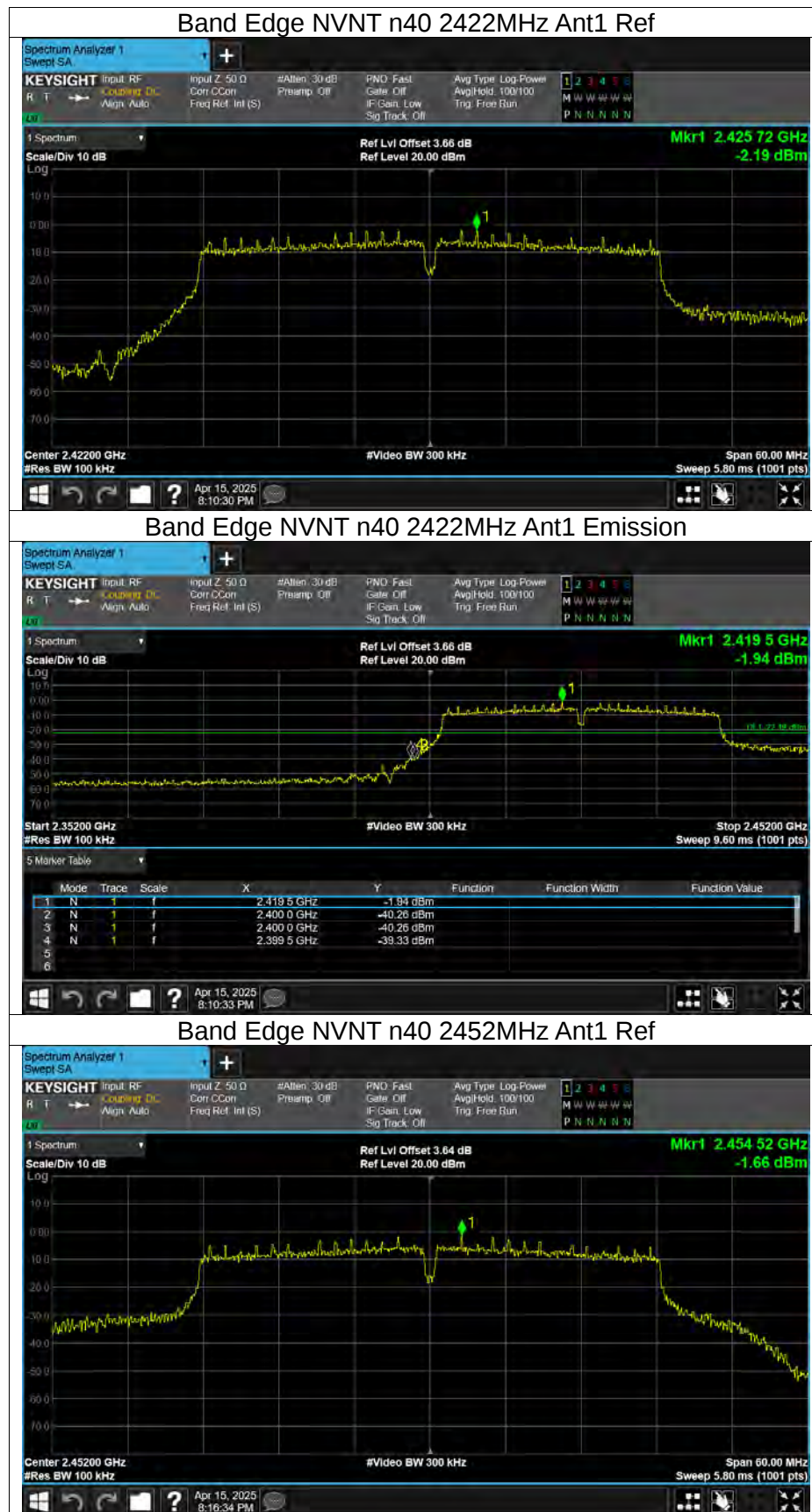


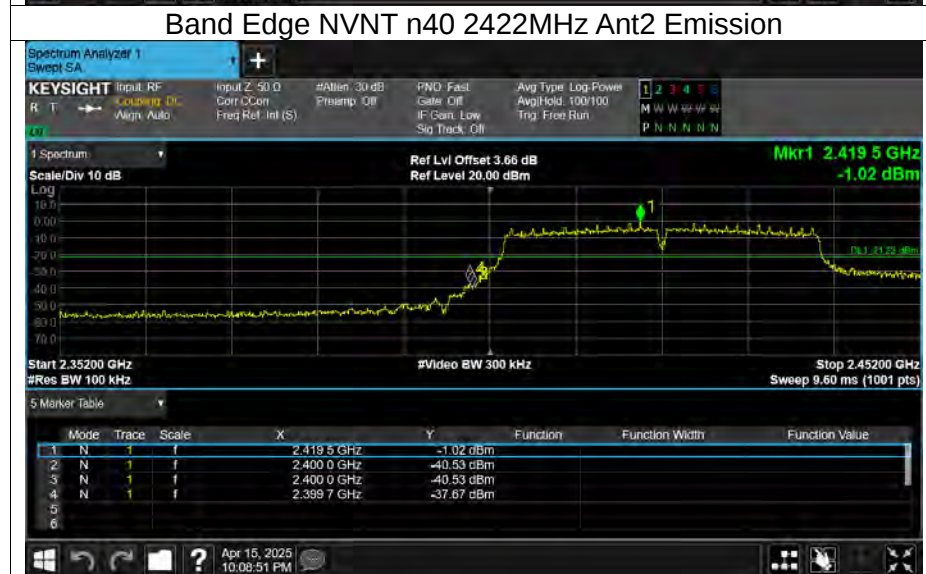
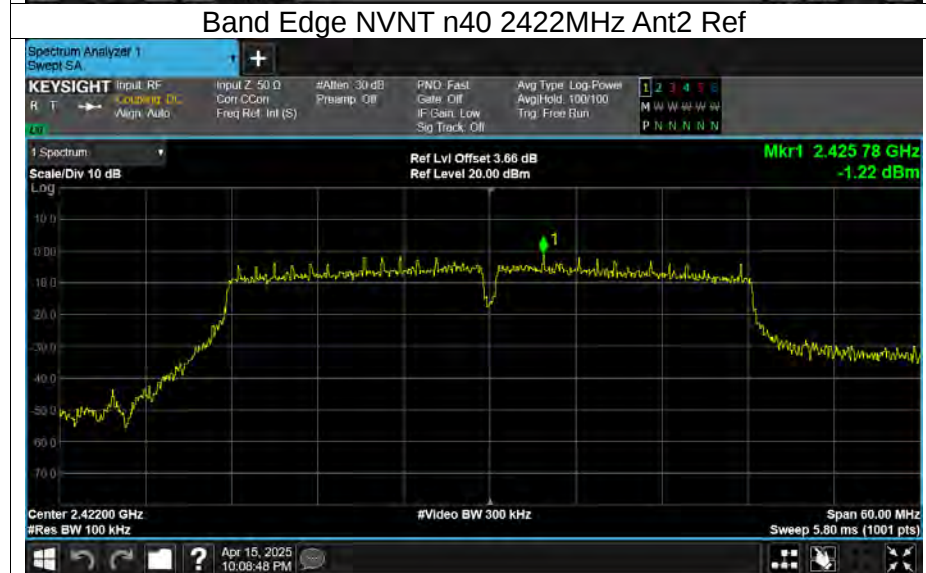
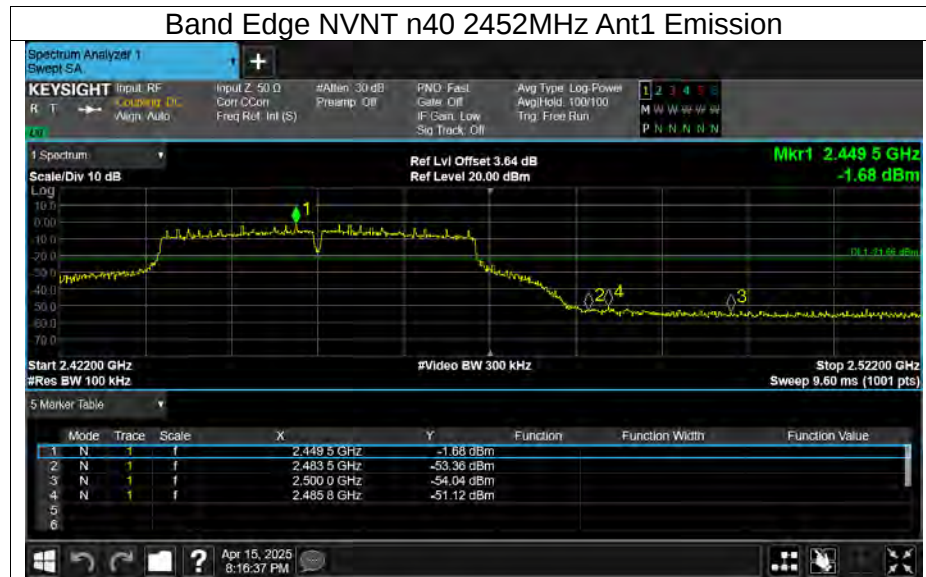
Band Edge NVNT n20 2412MHz Ant1 Emission

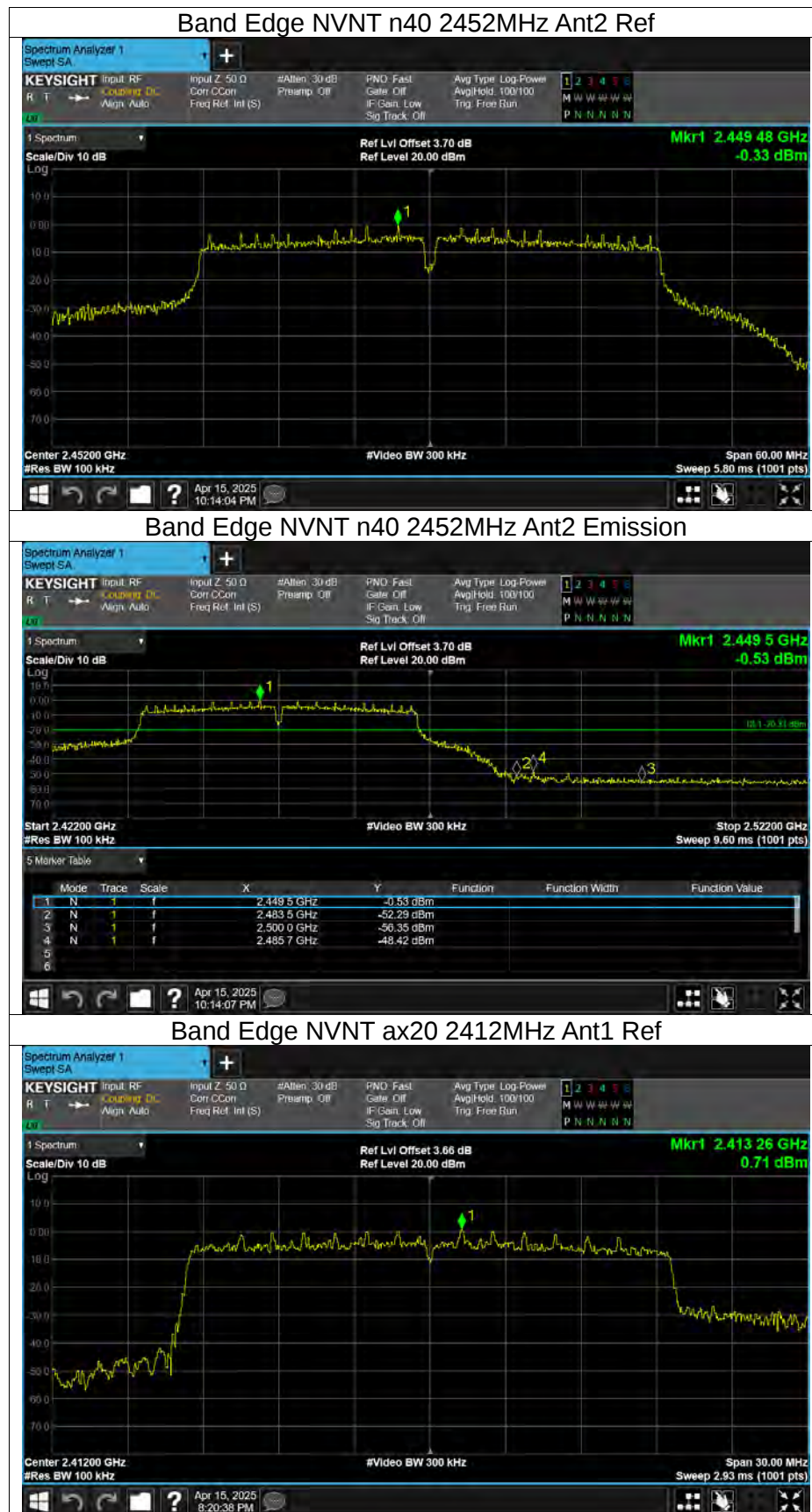






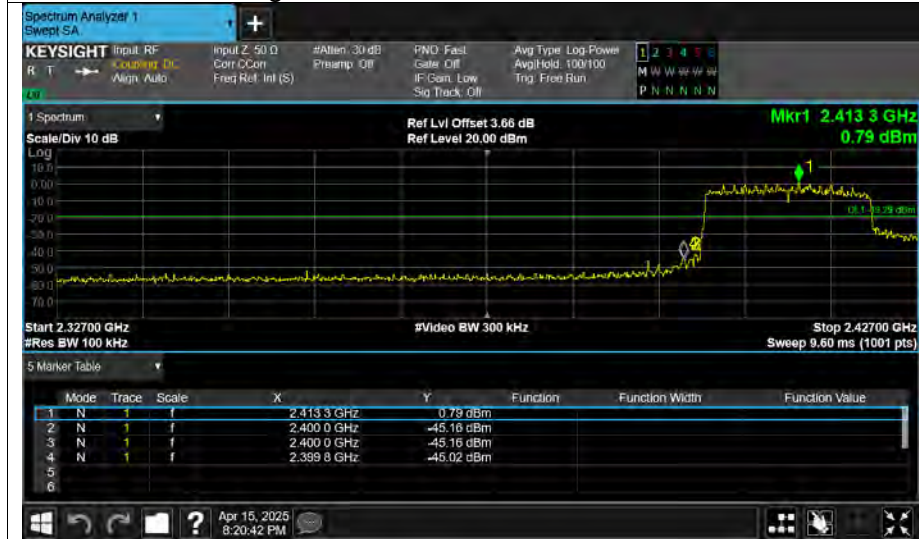








Band Edge NVNT ax20 2412MHz Ant1 Emission

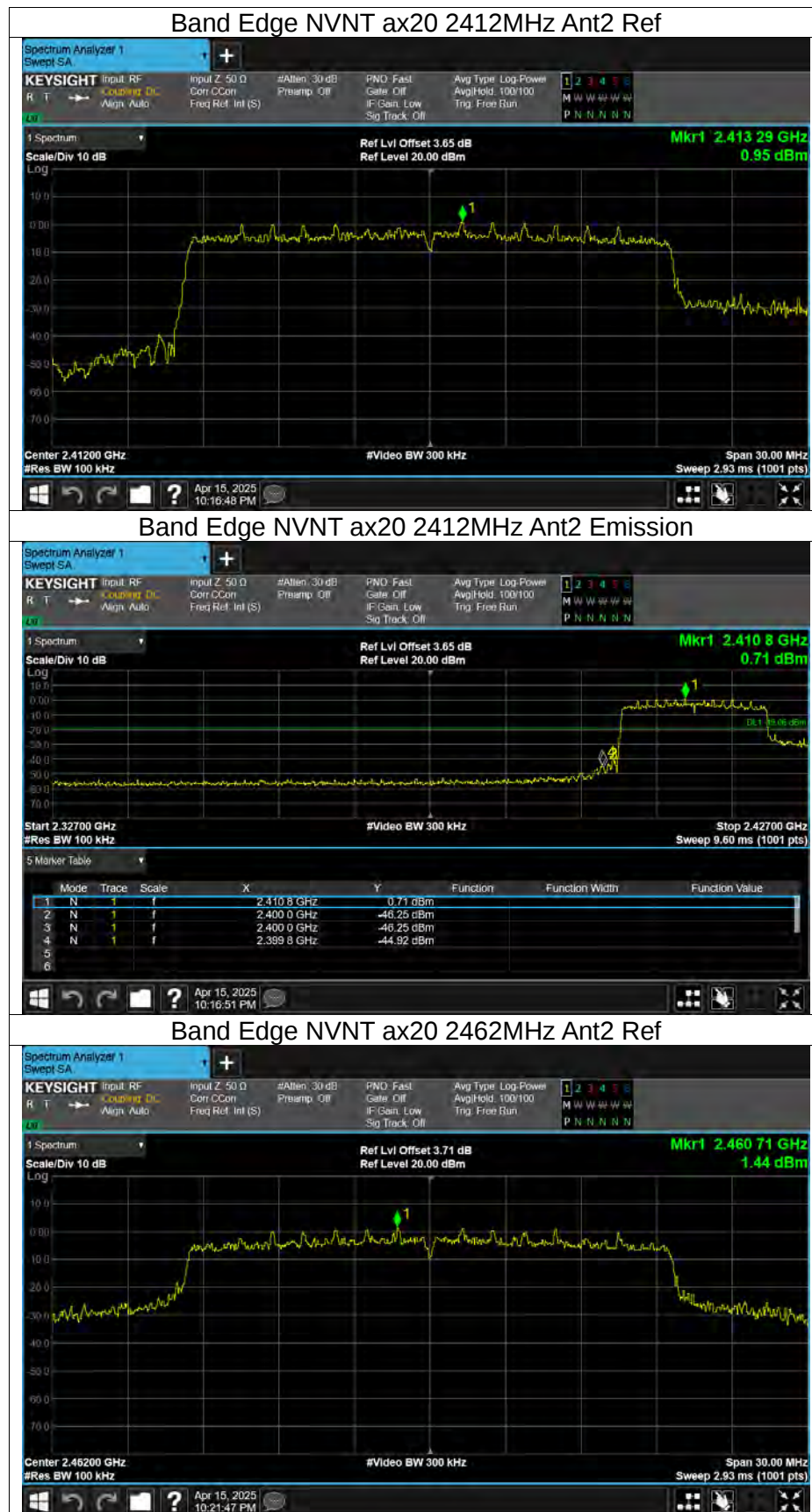


Band Edge NVNT ax20 2462MHz Ant1 Ref



Band Edge NVNT ax20 2462MHz Ant1 Emission







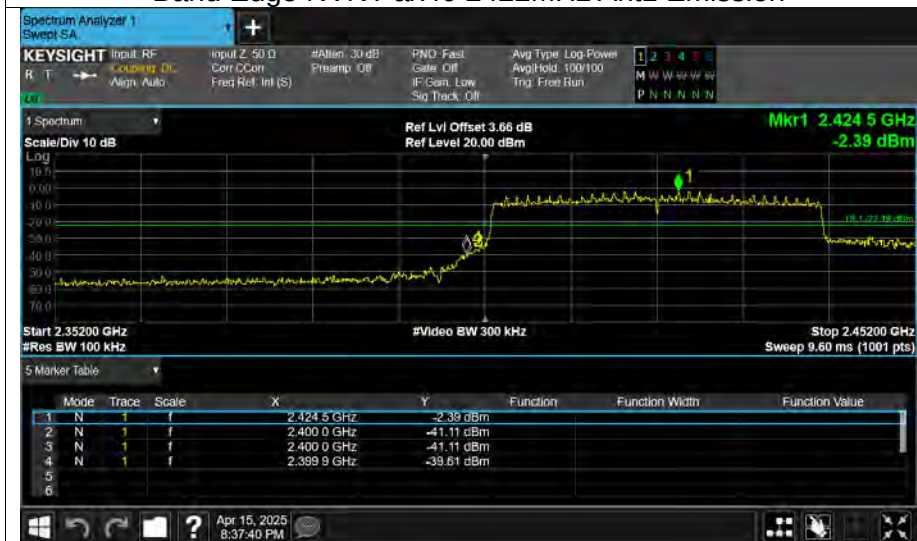
Band Edge NVNT ax20 2462MHz Ant2 Emission

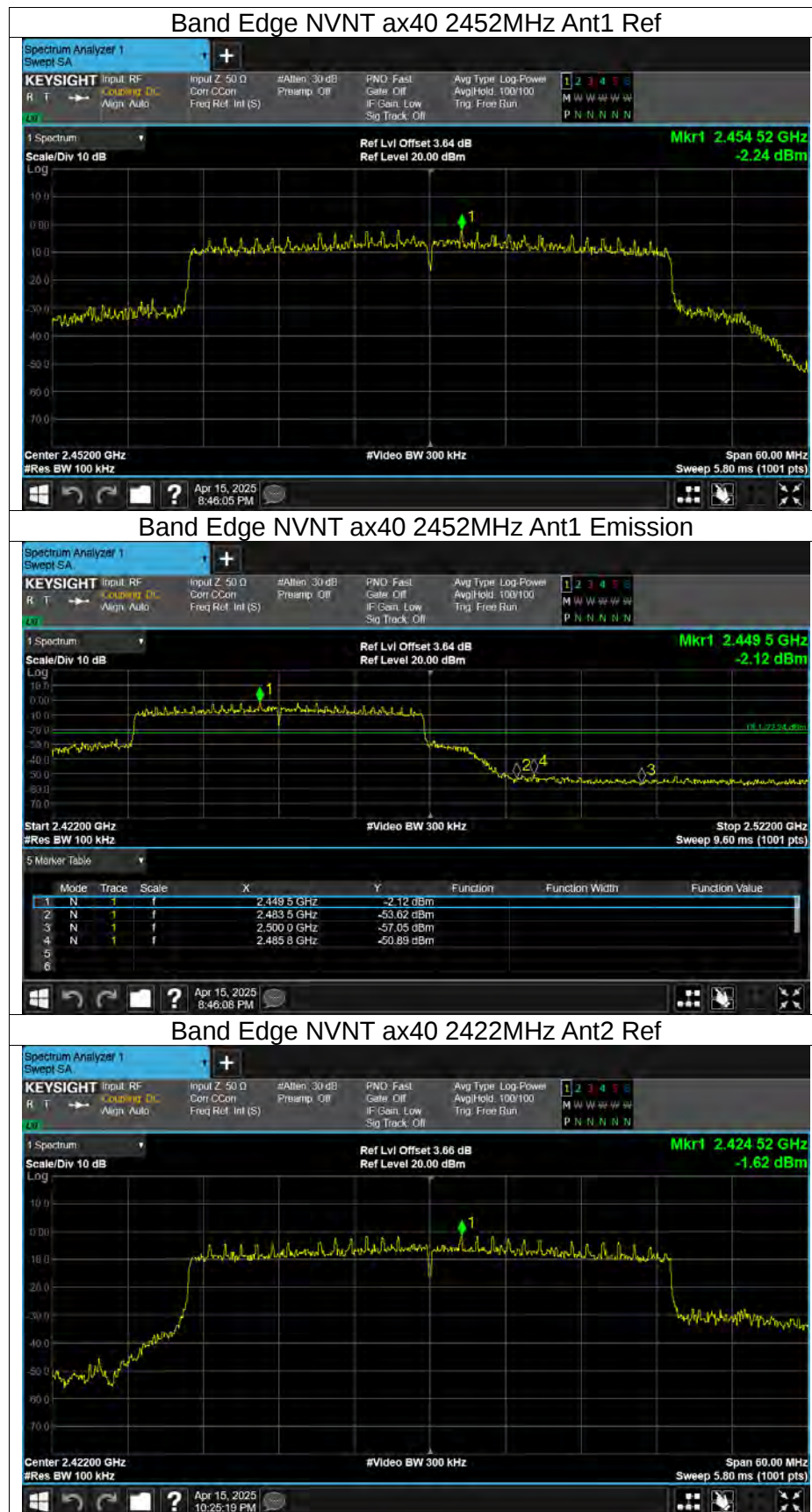


Band Edge NVNT ax40 2422MHz Ant1 Ref



Band Edge NVNT ax40 2422MHz Ant1 Emission







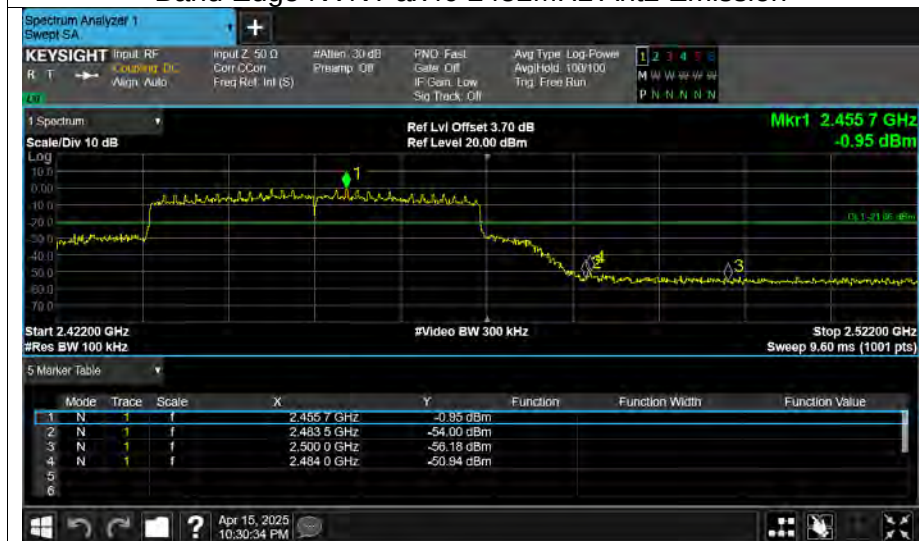
Band Edge NVNT ax40 2422MHz Ant2 Emission



Band Edge NVNT ax40 2452MHz Ant2 Ref



Band Edge NVNT ax40 2452MHz Ant2 Emission





Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-53.01	-20	Pass
NVNT	b	2437	Ant1	-54.62	-20	Pass
NVNT	b	2462	Ant1	-53.27	-20	Pass
NVNT	b	2412	Ant2	-53.44	-20	Pass
NVNT	b	2437	Ant2	-54.25	-20	Pass
NVNT	b	2462	Ant2	-53.65	-20	Pass
NVNT	g	2412	Ant1	-46.67	-20	Pass
NVNT	g	2437	Ant1	-46.12	-20	Pass
NVNT	g	2462	Ant1	-47.41	-20	Pass
NVNT	g	2412	Ant2	-46.51	-20	Pass
NVNT	g	2437	Ant2	-46.8	-20	Pass
NVNT	g	2462	Ant2	-49.06	-20	Pass
NVNT	n20	2412	Ant1	-46.85	-20	Pass
NVNT	n20	2437	Ant1	-48.65	-20	Pass
NVNT	n20	2462	Ant1	-45.89	-20	Pass
NVNT	n20	2412	Ant2	-47.86	-20	Pass
NVNT	n20	2437	Ant2	-48.46	-20	Pass
NVNT	n20	2462	Ant2	-48.84	-20	Pass
NVNT	n40	2422	Ant1	-43.92	-20	Pass
NVNT	n40	2437	Ant1	-44.89	-20	Pass
NVNT	n40	2452	Ant1	-45.45	-20	Pass
NVNT	n40	2422	Ant2	-44.69	-20	Pass
NVNT	n40	2437	Ant2	-45.62	-20	Pass
NVNT	n40	2452	Ant2	-44.62	-20	Pass
NVNT	ax20	2412	Ant1	-47.02	-20	Pass
NVNT	ax20	2437	Ant1	-47.88	-20	Pass
NVNT	ax20	2462	Ant1	-48.03	-20	Pass
NVNT	ax20	2412	Ant2	-47.54	-20	Pass
NVNT	ax20	2437	Ant2	-47.74	-20	Pass
NVNT	ax20	2462	Ant2	-47.38	-20	Pass
NVNT	ax40	2422	Ant1	-44.92	-20	Pass
NVNT	ax40	2437	Ant1	-44.32	-20	Pass
NVNT	ax40	2452	Ant1	-44.5	-20	Pass
NVNT	ax40	2422	Ant2	-44.67	-20	Pass
NVNT	ax40	2437	Ant2	-44.12	-20	Pass
NVNT	ax40	2452	Ant2	-45.26	-20	Pass



Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



Tx. Spurious NVNT b 2437MHz Ant1 Ref





Tx. Spurious NVNT b 2437MHz Ant1 Emission



Tx. Spurious NVNT b 2462MHz Ant1 Ref



Tx. Spurious NVNT b 2462MHz Ant1 Emission





Tx. Spurious NVNT b 2412MHz Ant2 Ref

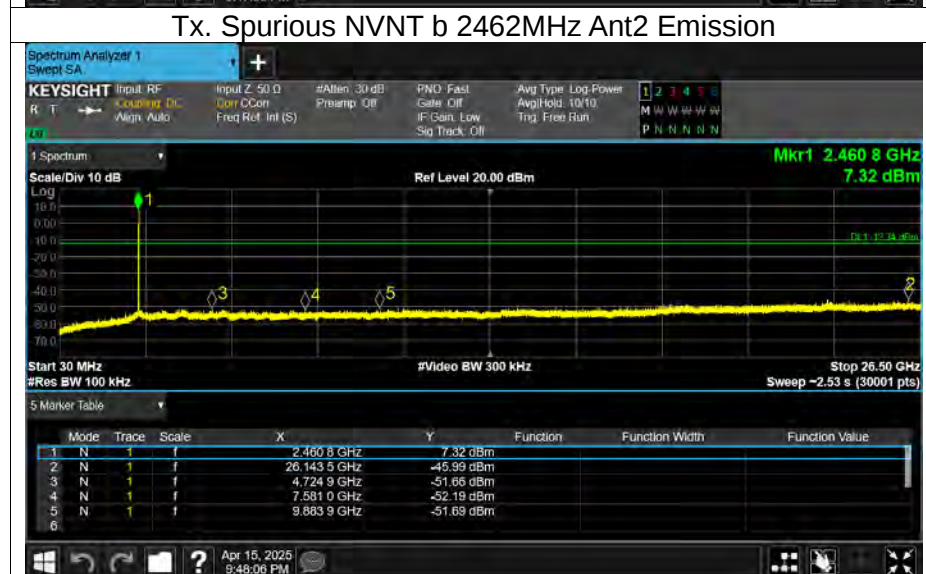
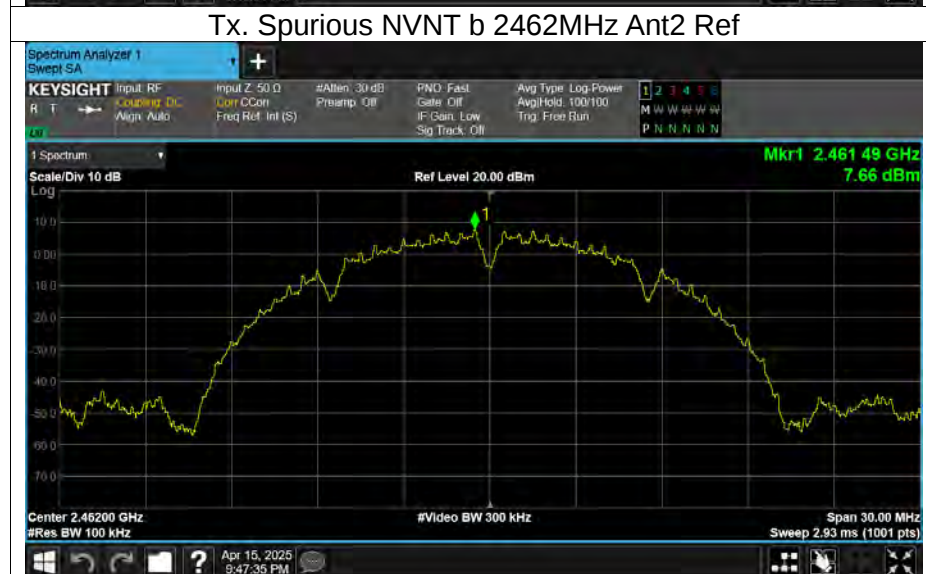
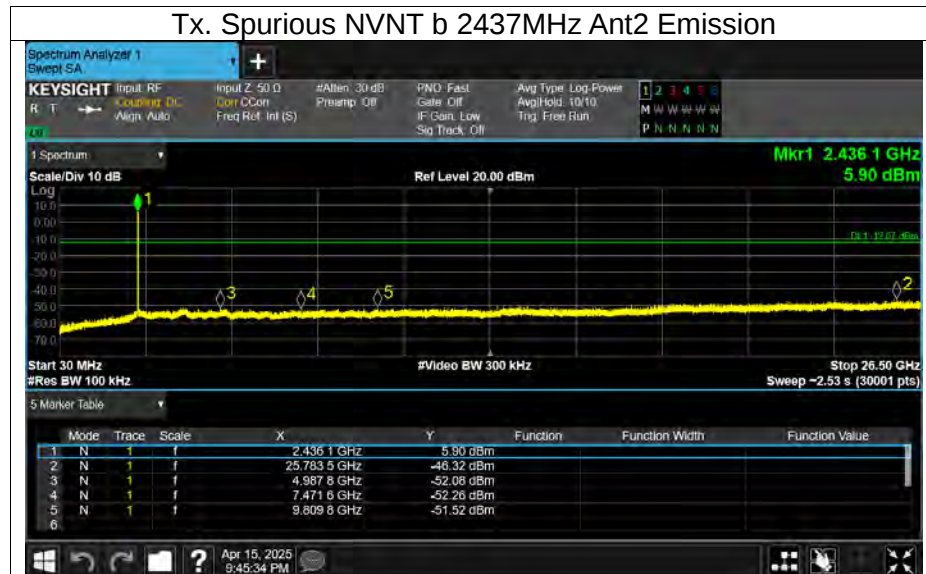


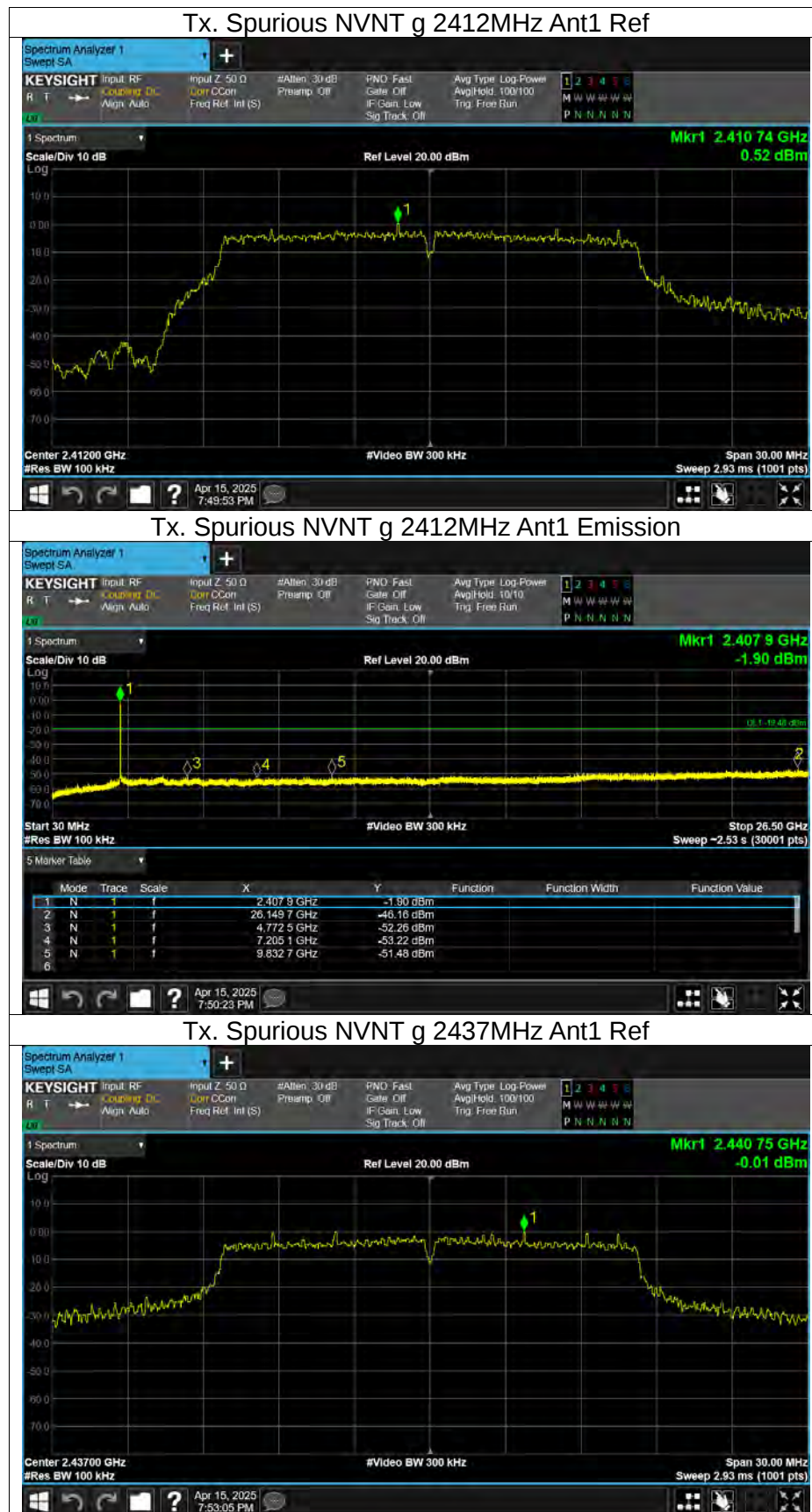
Tx. Spurious NVNT b 2412MHz Ant2 Emission

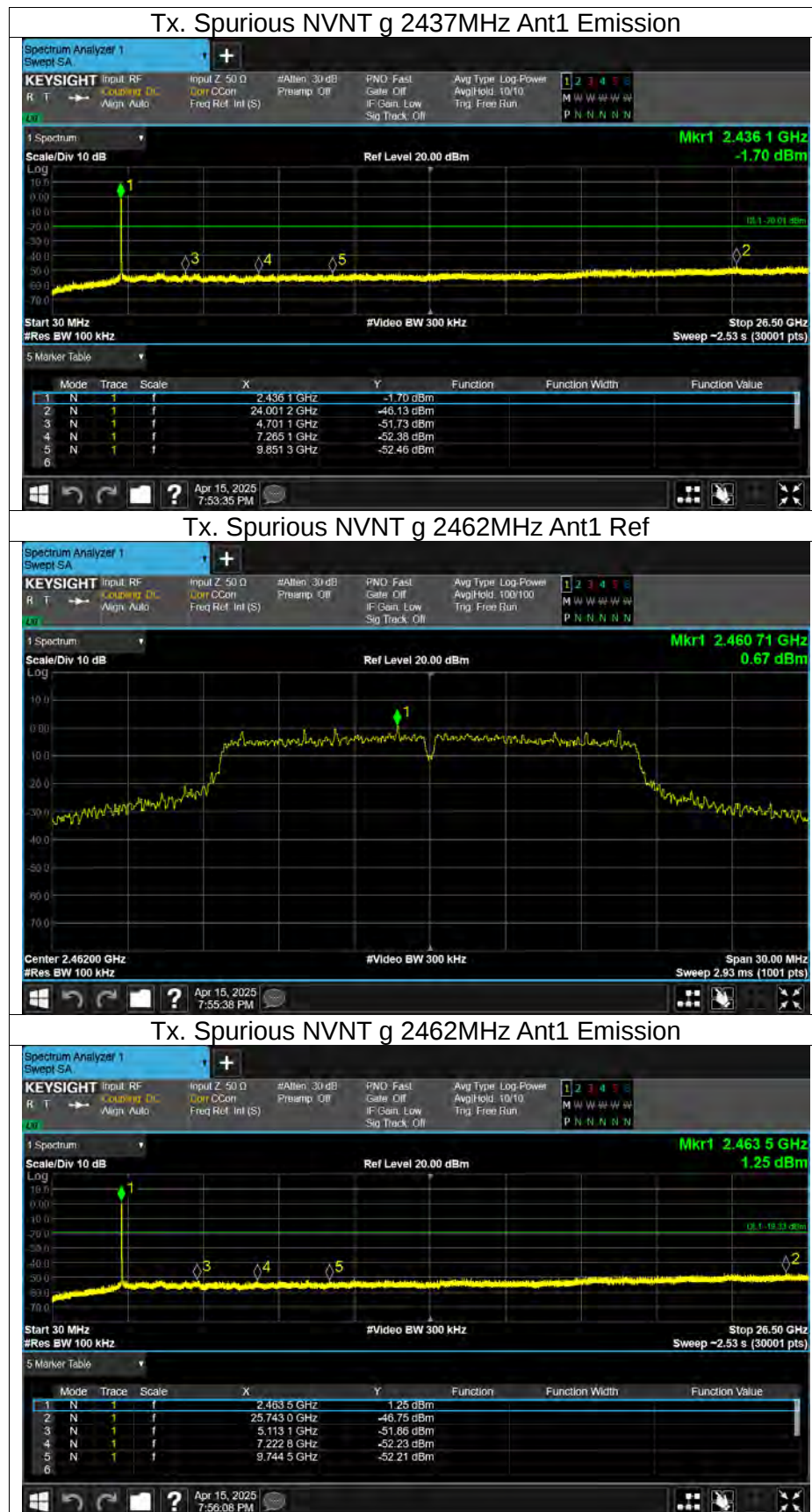


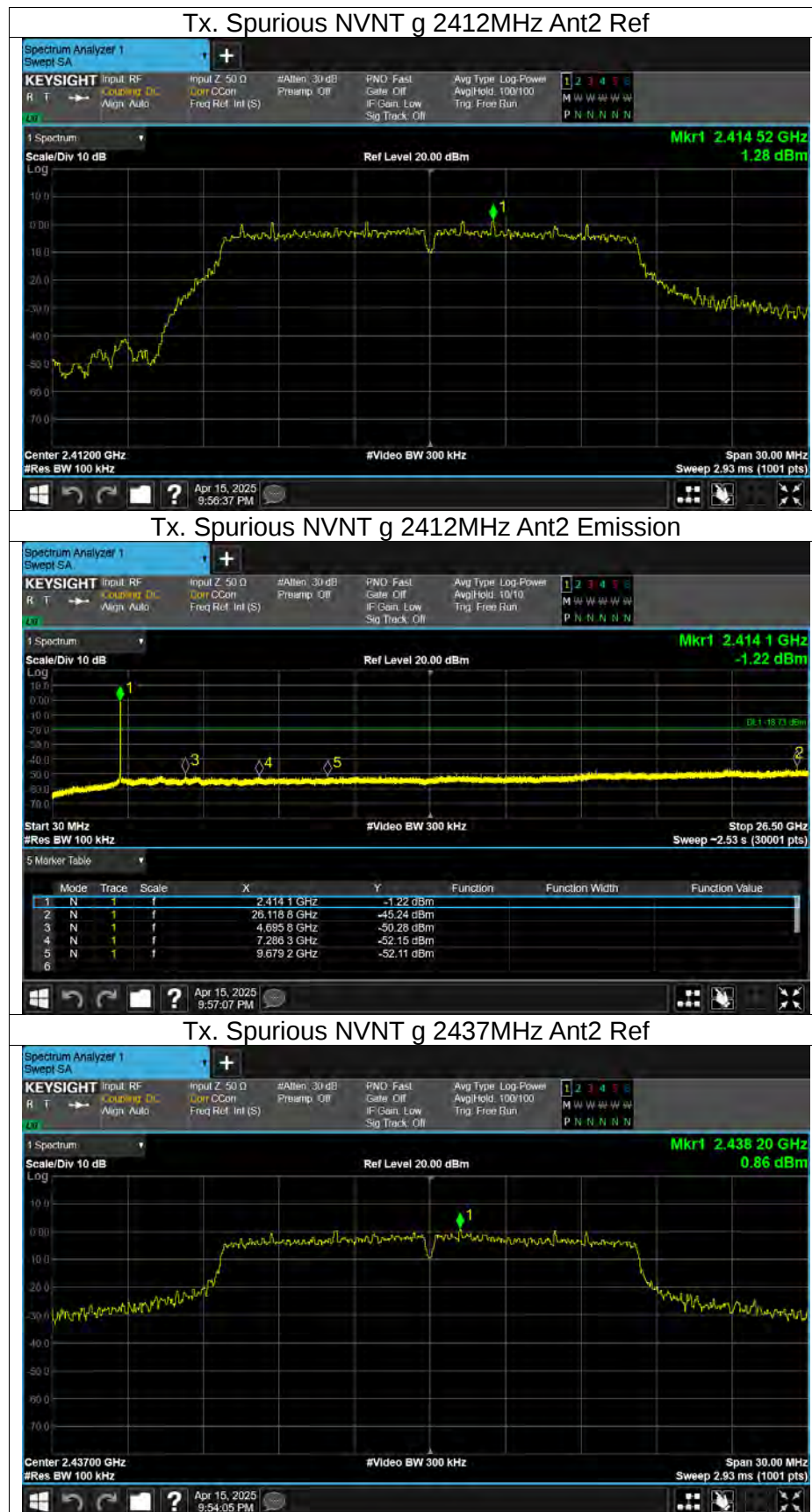
Tx. Spurious NVNT b 2437MHz Ant2 Ref

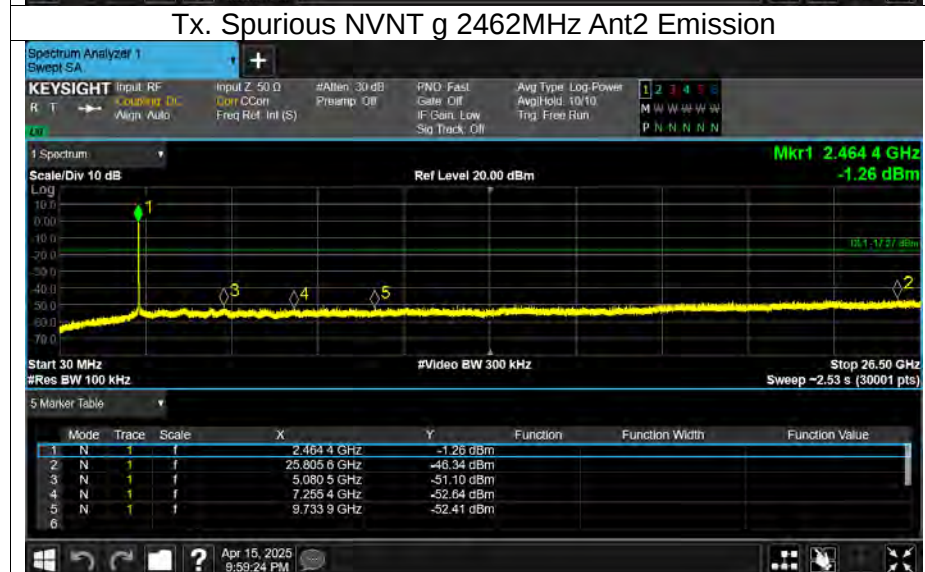
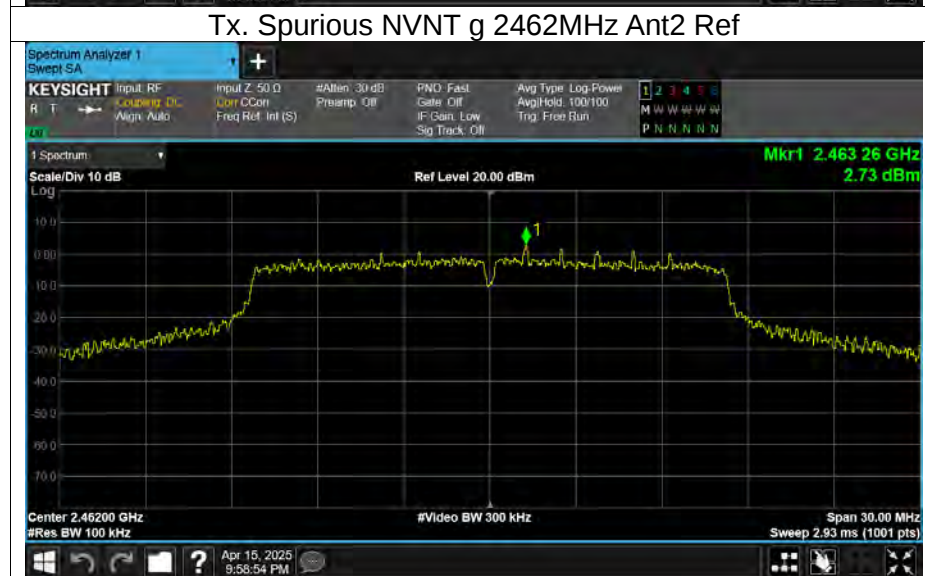
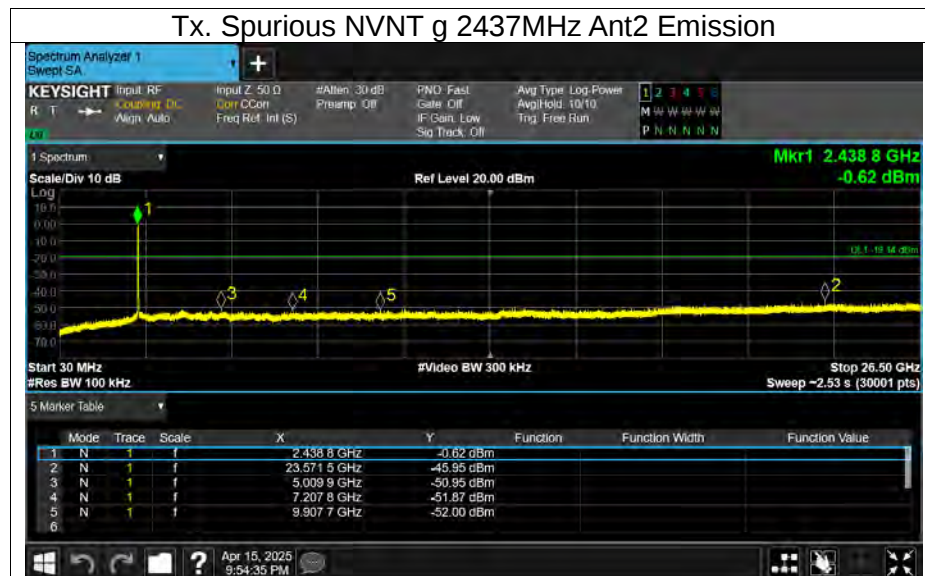






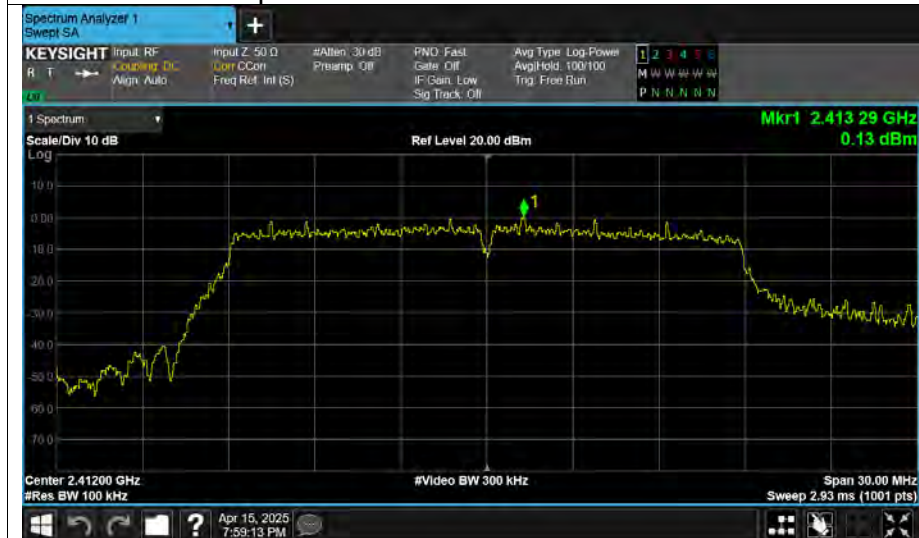








Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Tx. Spurious NVNT n20 2437MHz Ant1 Ref





Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission





Tx. Spurious NVNT n20 2412MHz Ant2 Ref



Tx. Spurious NVNT n20 2412MHz Ant2 Emission



Tx. Spurious NVNT n20 2437MHz Ant2 Ref





Tx. Spurious NVNT n20 2437MHz Ant2 Emission



Tx. Spurious NVNT n20 2462MHz Ant2 Ref



Tx. Spurious NVNT n20 2462MHz Ant2 Emission





Tx. Spurious NVNT n40 2422MHz Ant1 Ref



Tx. Spurious NVNT n40 2422MHz Ant1 Emission



Tx. Spurious NVNT n40 2437MHz Ant1 Ref





Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission





Tx. Spurious NVNT n40 2422MHz Ant2 Ref



Tx. Spurious NVNT n40 2422MHz Ant2 Emission



Tx. Spurious NVNT n40 2437MHz Ant2 Ref





Tx. Spurious NVNT n40 2437MHz Ant2 Emission



Tx. Spurious NVNT n40 2452MHz Ant2 Ref



Tx. Spurious NVNT n40 2452MHz Ant2 Emission





Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



Tx. Spurious NVNT ax20 2437MHz Ant1 Ref





Tx. Spurious NVNT ax20 2437MHz Ant1 Emission



Tx. Spurious NVNT ax20 2462MHz Ant1 Ref



Tx. Spurious NVNT ax20 2462MHz Ant1 Emission





Tx. Spurious NVNT ax20 2412MHz Ant2 Ref



Tx. Spurious NVNT ax20 2412MHz Ant2 Emission



Tx. Spurious NVNT ax20 2437MHz Ant2 Ref





Tx. Spurious NVNT ax20 2437MHz Ant2 Emission



Tx. Spurious NVNT ax20 2462MHz Ant2 Ref



Tx. Spurious NVNT ax20 2462MHz Ant2 Emission





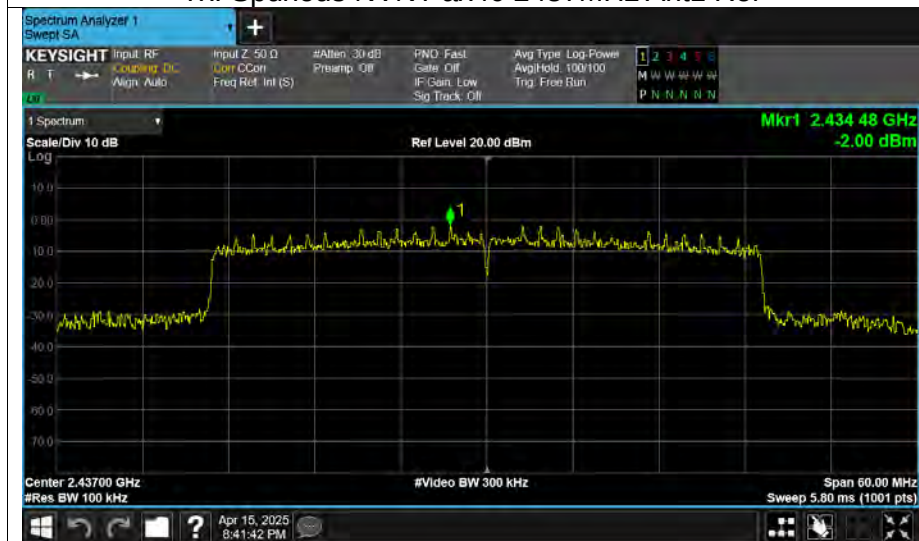
Tx. Spurious NVNT ax40 2422MHz Ant1 Ref



Tx. Spurious NVNT ax40 2422MHz Ant1 Emission



Tx. Spurious NVNT ax40 2437MHz Ant1 Ref





Tx. Spurious NVNT ax40 2437MHz Ant1 Emission



Tx. Spurious NVNT ax40 2452MHz Ant1 Ref



Tx. Spurious NVNT ax40 2452MHz Ant1 Emission





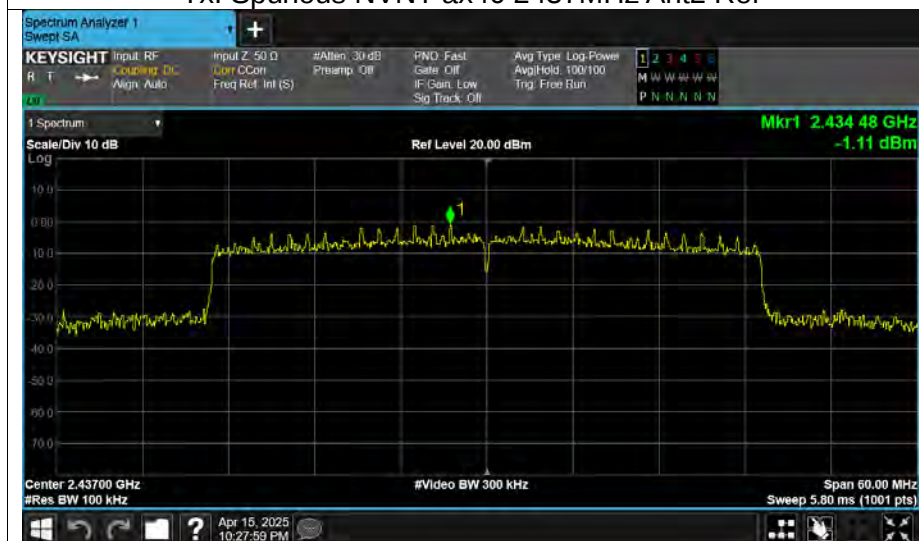
Tx. Spurious NVNT ax40 2422MHz Ant2 Ref

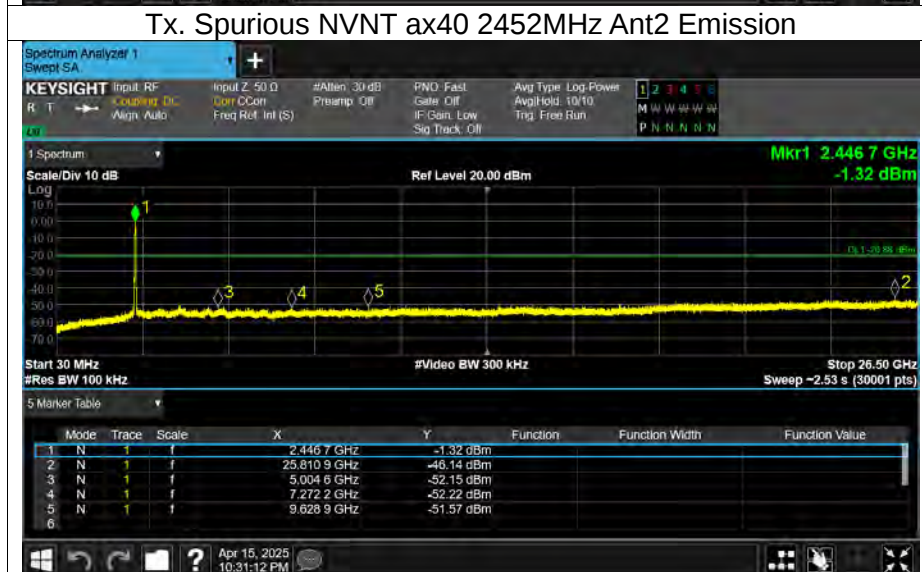
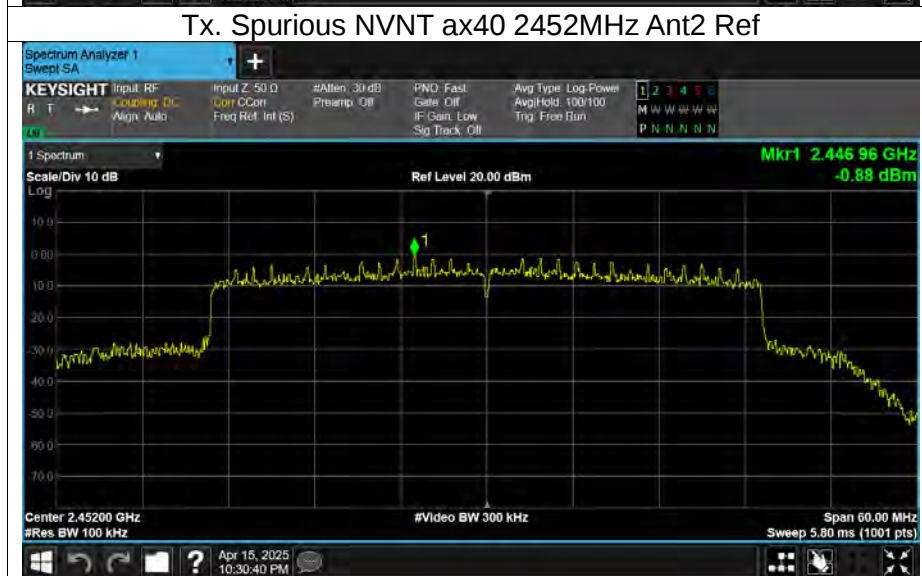
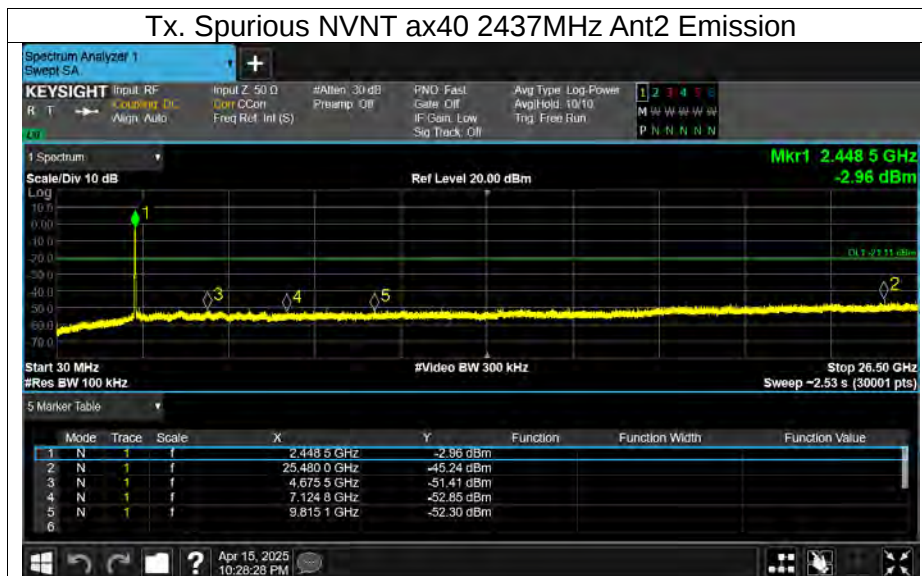


Tx. Spurious NVNT ax40 2422MHz Ant2 Emission



Tx. Spurious NVNT ax40 2437MHz Ant2 Ref







APPENDIX II - MEASUREMENT PHOTOS

Note: Please see the attached RF_Test Setup photos for FCC ID & IC.



APPENDIX III - PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS

Note: Please see LGT25C212EM03_APPENDIX II.

※※※※※END OF THE REPORT※※※※※