

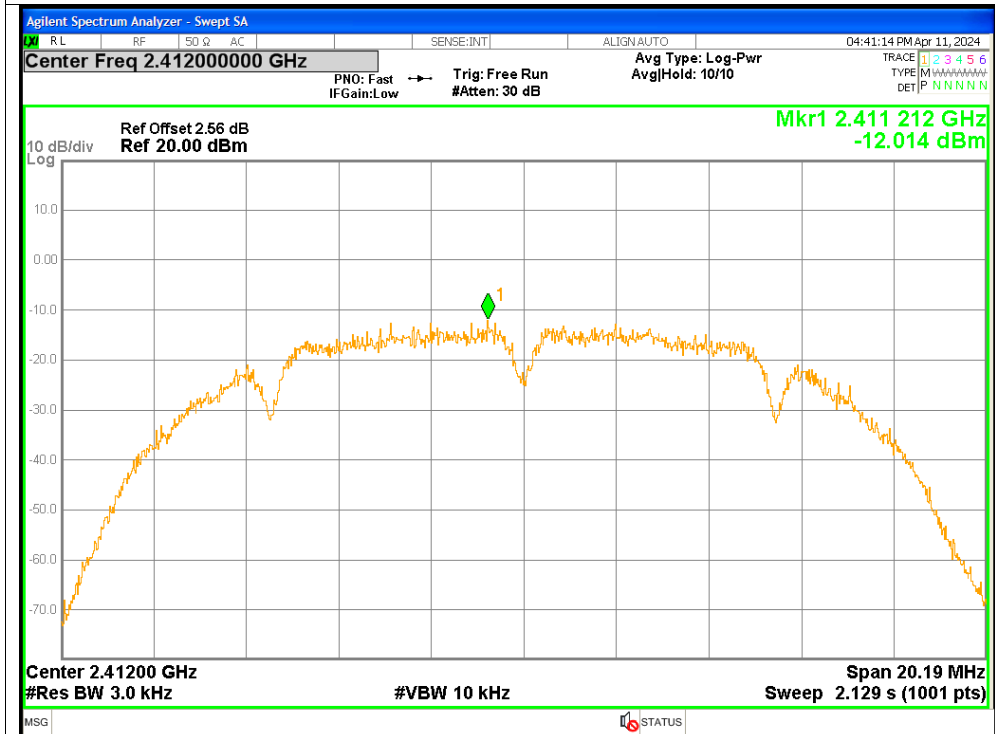
5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-12.01	<=8	Pass
NVNT	b	2437	Ant1	-11.7	<=8	Pass
NVNT	b	2462	Ant1	-11.88	<=8	Pass
NVNT	b	2412	Ant2	-12.35	<=8	Pass
NVNT	b	2437	Ant2	-11.79	<=8	Pass
NVNT	b	2462	Ant2	-12.34	<=8	Pass
NVNT	g	2412	Ant1	-12.76	<=8	Pass
NVNT	g	2437	Ant1	-14.01	<=8	Pass
NVNT	g	2462	Ant1	-12.72	<=8	Pass
NVNT	g	2412	Ant2	-13.32	<=8	Pass
NVNT	g	2437	Ant2	-12.88	<=8	Pass
NVNT	g	2462	Ant2	-13.93	<=8	Pass
NVNT	ax20	2412	Ant1	-14.52	<=8	Pass
NVNT	ax20	2412	Ant2	-16	<=8	Pass
NVNT	ax20	2412	Sum	-12.19	<=6.7	Pass
NVNT	ax20	2437	Ant1	-15.89	<=8	Pass
NVNT	ax20	2437	Ant2	-15.6	<=8	Pass
NVNT	ax20	2437	Sum	-12.73	<=6.7	Pass
NVNT	ax20	2462	Ant1	-15.64	<=8	Pass
NVNT	ax20	2462	Ant2	-13.75	<=8	Pass
NVNT	ax20	2462	Sum	-11.58	<=6.7	Pass
NVNT	ax40	2422	Ant1	-17.73	<=8	Pass
NVNT	ax40	2422	Ant2	-18.72	<=8	Pass
NVNT	ax40	2422	Sum	-15.19	<=6.7	Pass
NVNT	ax40	2437	Ant1	-17.82	<=8	Pass
NVNT	ax40	2437	Ant2	-18.33	<=8	Pass
NVNT	ax40	2437	Sum	-15.06	<=6.7	Pass
NVNT	ax40	2452	Ant1	-16.83	<=8	Pass
NVNT	ax40	2452	Ant2	-18.37	<=8	Pass
NVNT	ax40	2452	Sum	-14.52	<=6.7	Pass
NVNT	n20	2412	Ant1	-13.36	<=8	Pass
NVNT	n20	2412	Ant2	-13.74	<=8	Pass
NVNT	n20	2412	Sum	-10.54	<=6.7	Pass
NVNT	n20	2437	Ant1	-13.65	<=8	Pass
NVNT	n20	2437	Ant2	-13.97	<=8	Pass
NVNT	n20	2437	Sum	-10.8	<=6.7	Pass
NVNT	n20	2462	Ant1	-13.79	<=8	Pass
NVNT	n20	2462	Ant2	-13.06	<=8	Pass
NVNT	n20	2462	Sum	-10.4	<=6.7	Pass
NVNT	n40	2422	Ant1	-16.02	<=8	Pass
NVNT	n40	2422	Ant2	-16.73	<=8	Pass
NVNT	n40	2422	Sum	-13.35	<=6.7	Pass
NVNT	n40	2437	Ant1	-16.51	<=8	Pass
NVNT	n40	2437	Ant2	-16.12	<=8	Pass
NVNT	n40	2437	Sum	-13.3	<=6.7	Pass
NVNT	n40	2452	Ant1	-15.43	<=8	Pass
NVNT	n40	2452	Ant2	-16.2	<=8	Pass
NVNT	n40	2452	Sum	-12.79	<=6.7	Pass

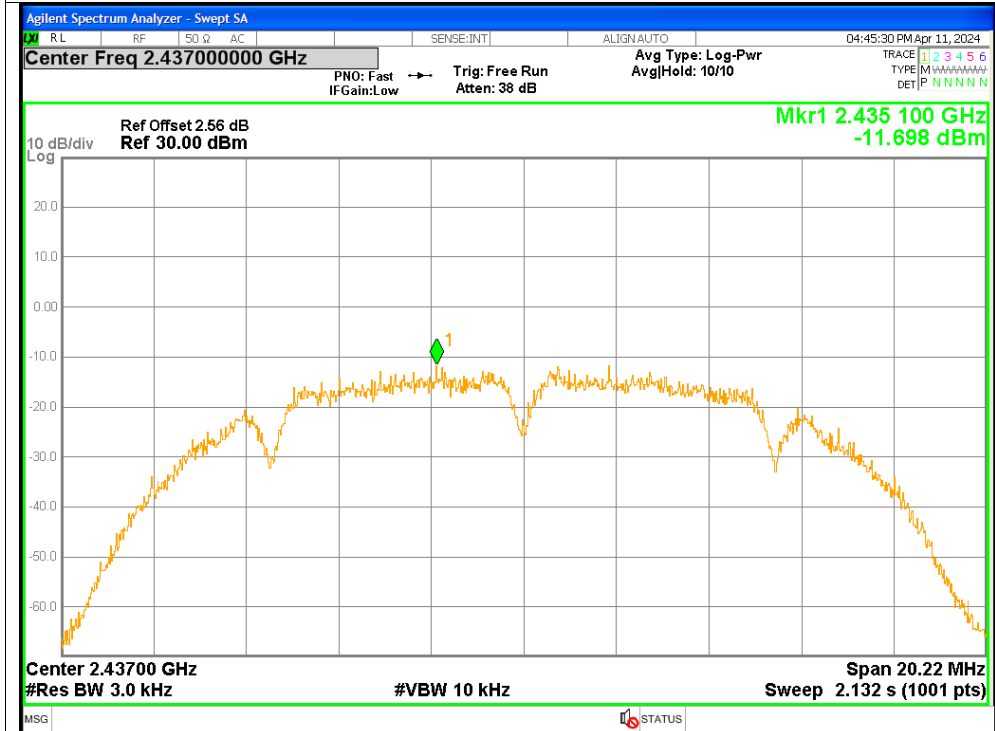


Test Graphs

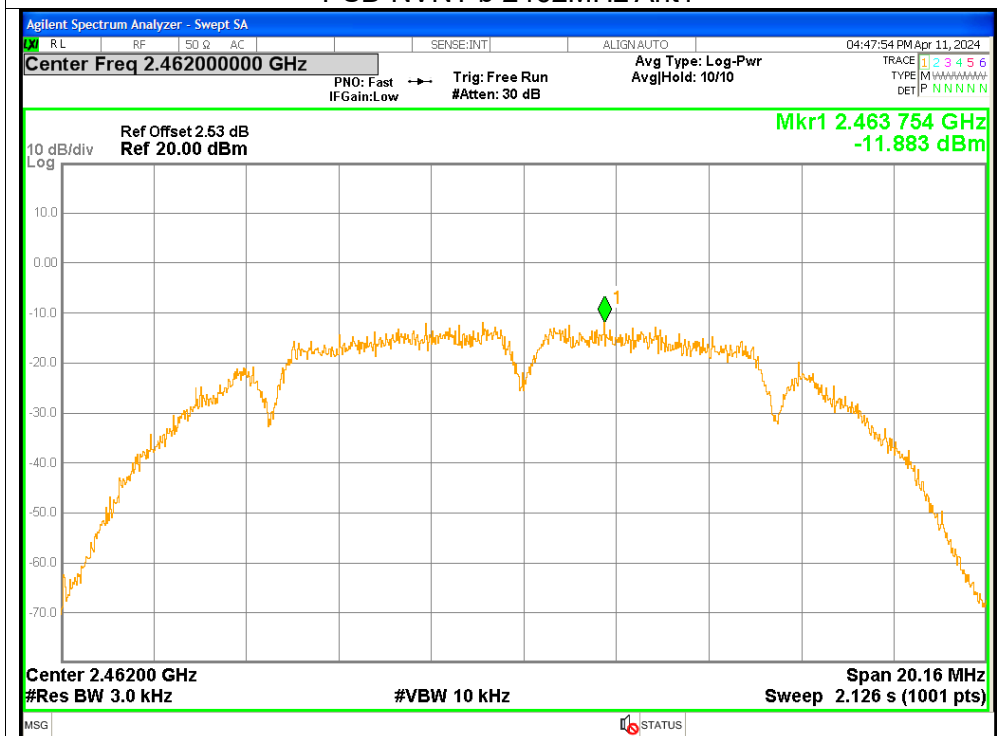
PSD NVNT b 2412MHz Ant1



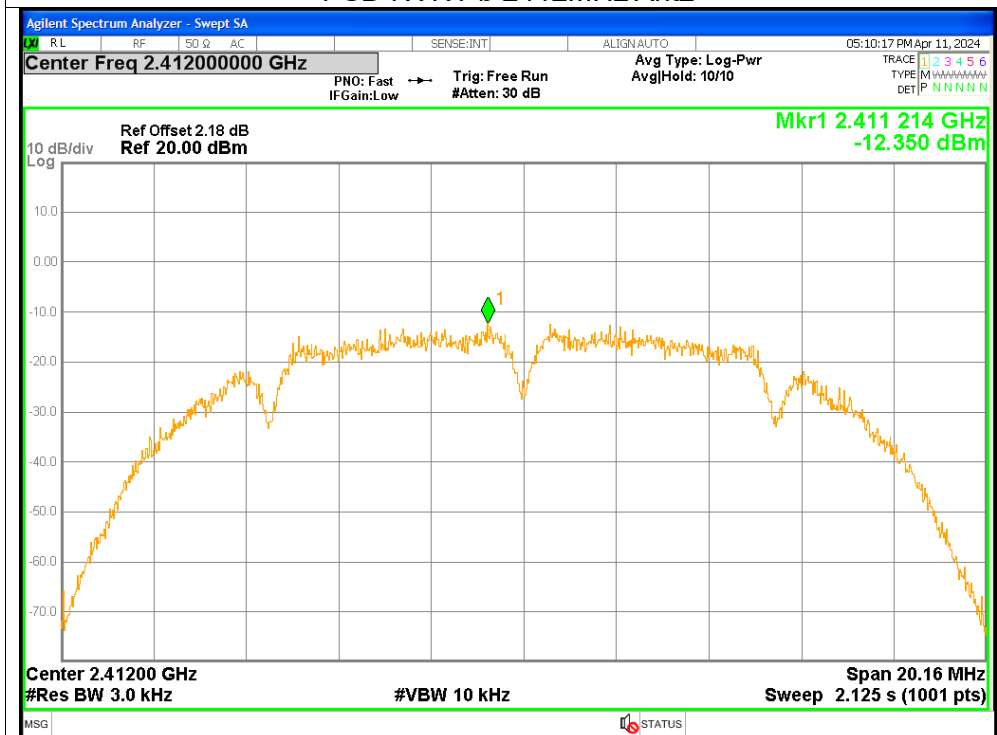
PSD NVNT b 2437MHz Ant1



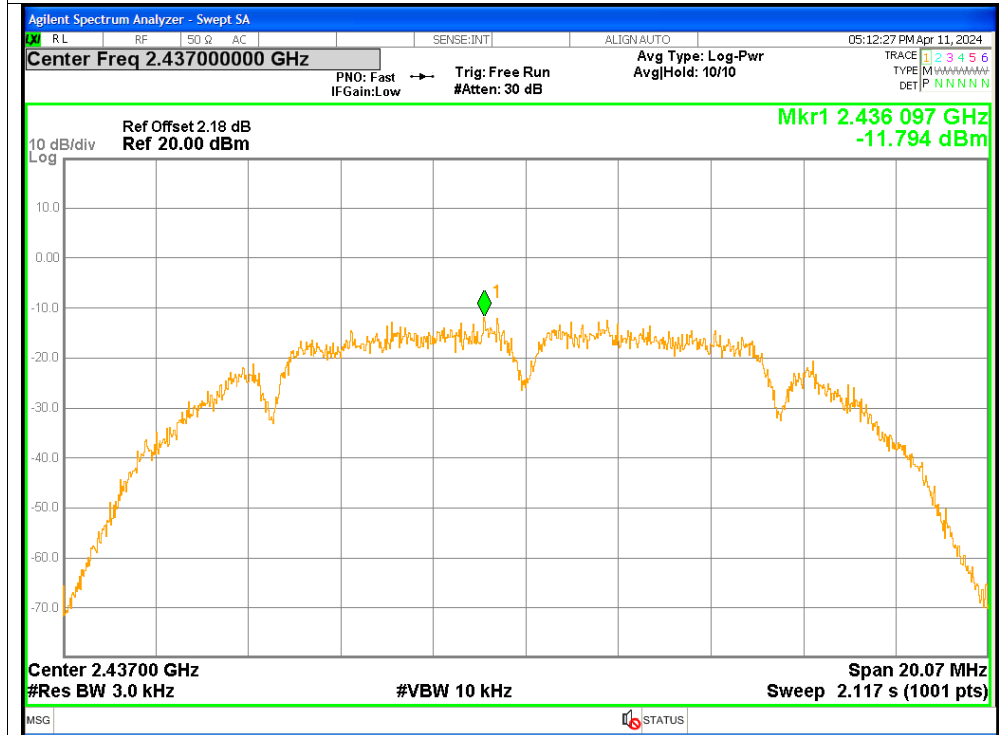
PSD NVNT b 2462MHz Ant1



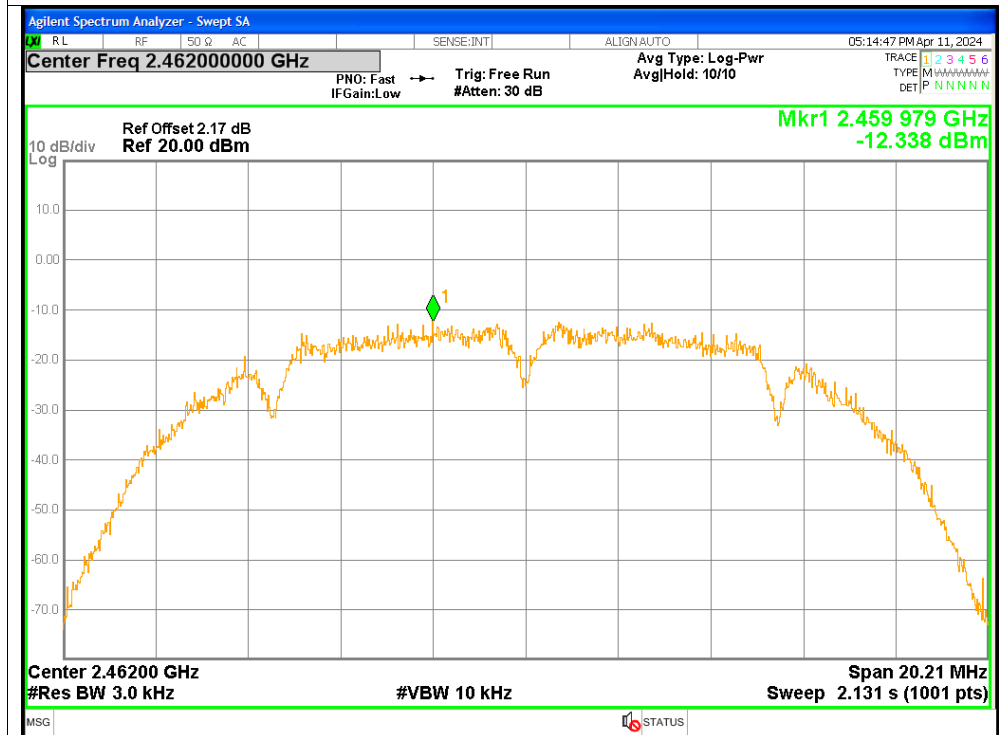
PSD NVNT b 2412MHz Ant2



PSD NVNT b 2437MHz Ant2

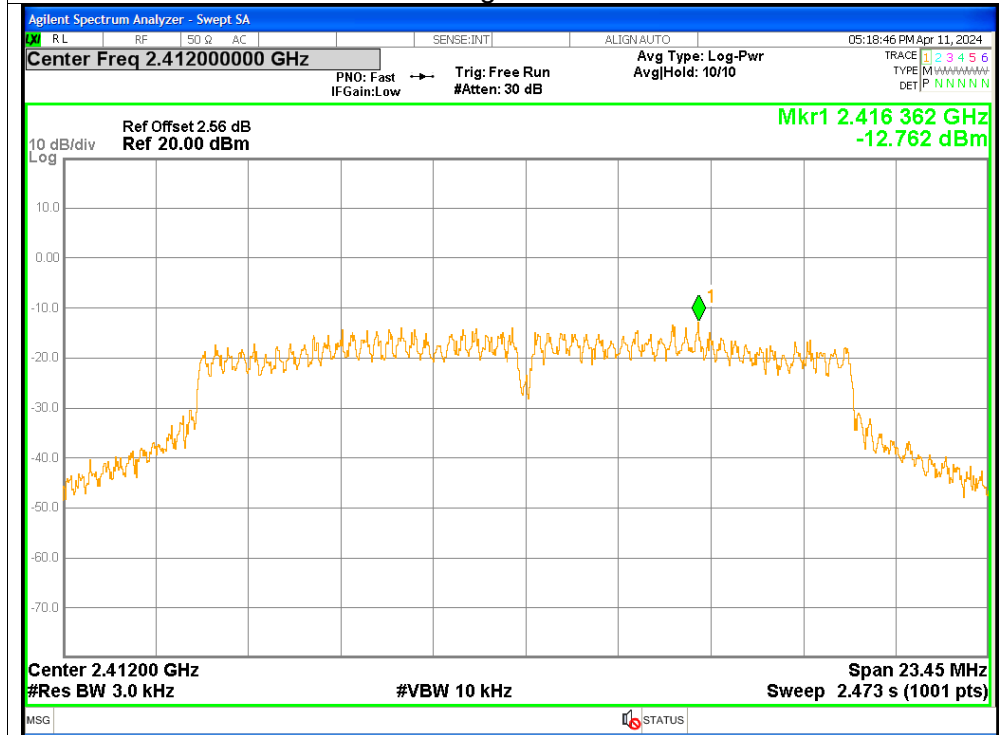


PSD NVNT b 2462MHz Ant2

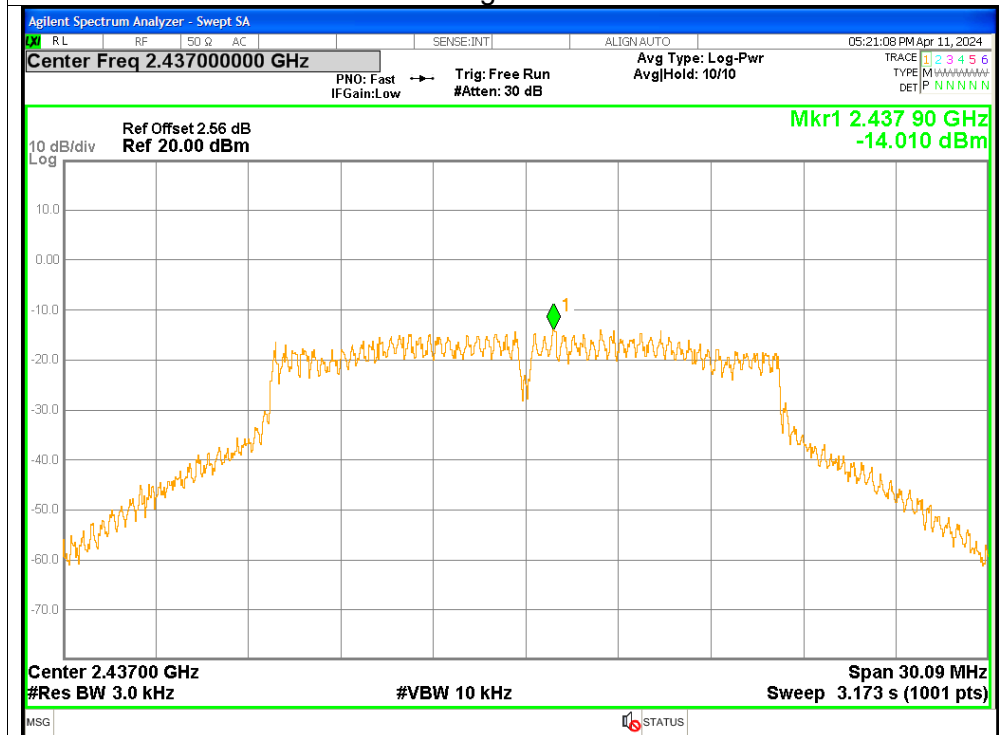




PSD NVNT g 2412MHz Ant1

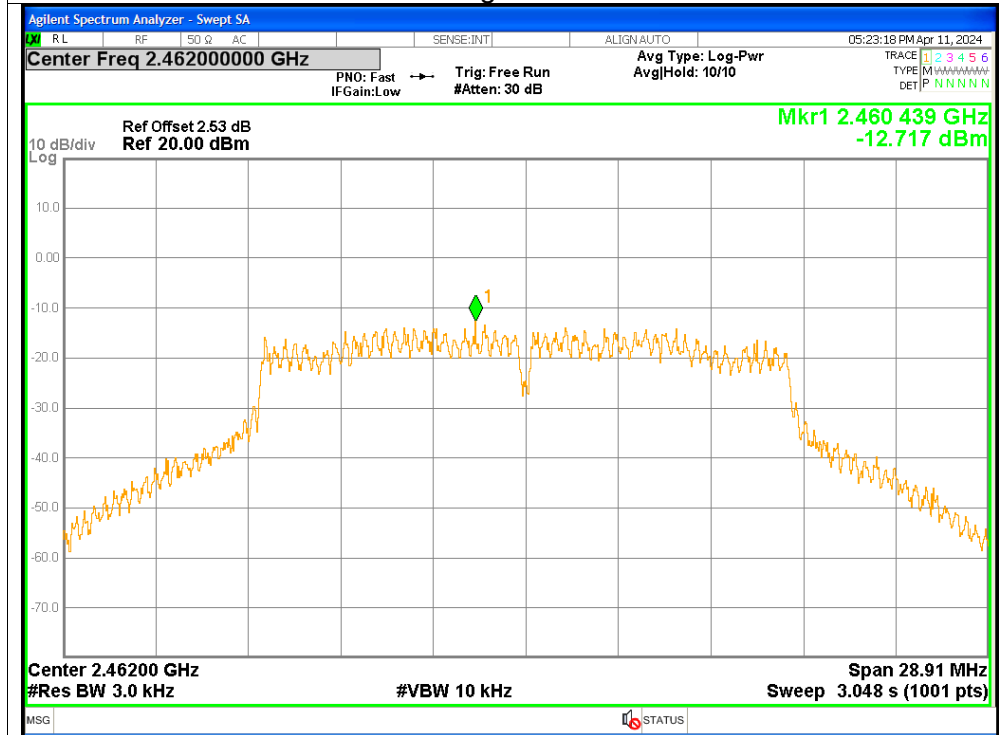


PSD NVNT g 2437MHz Ant1

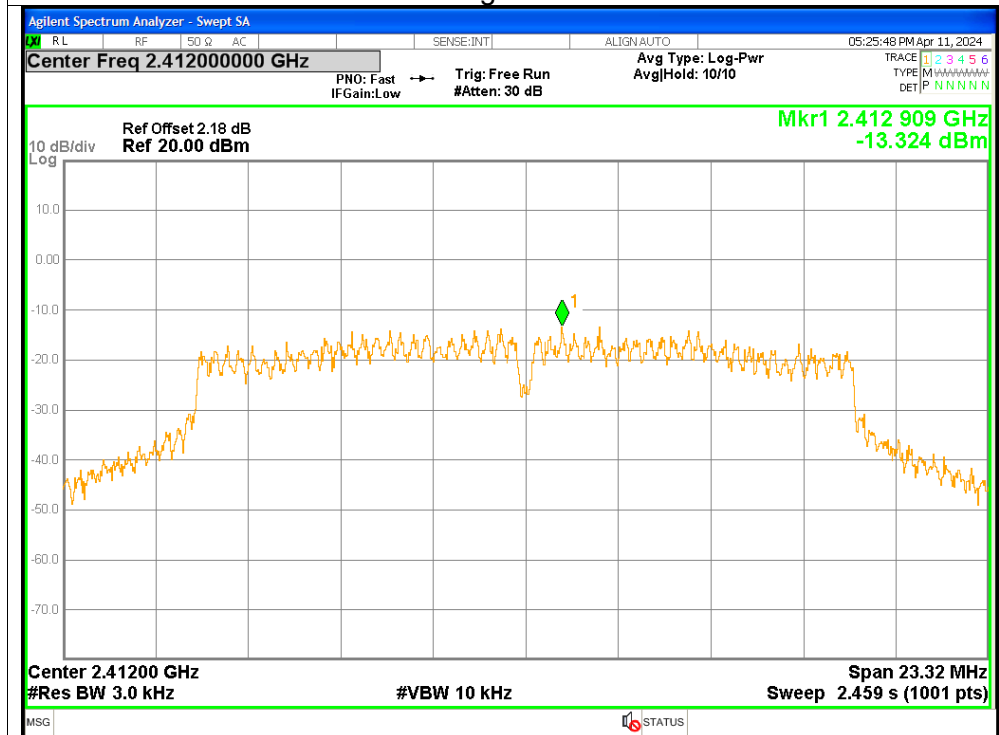




PSD NVNT g 2462MHz Ant1

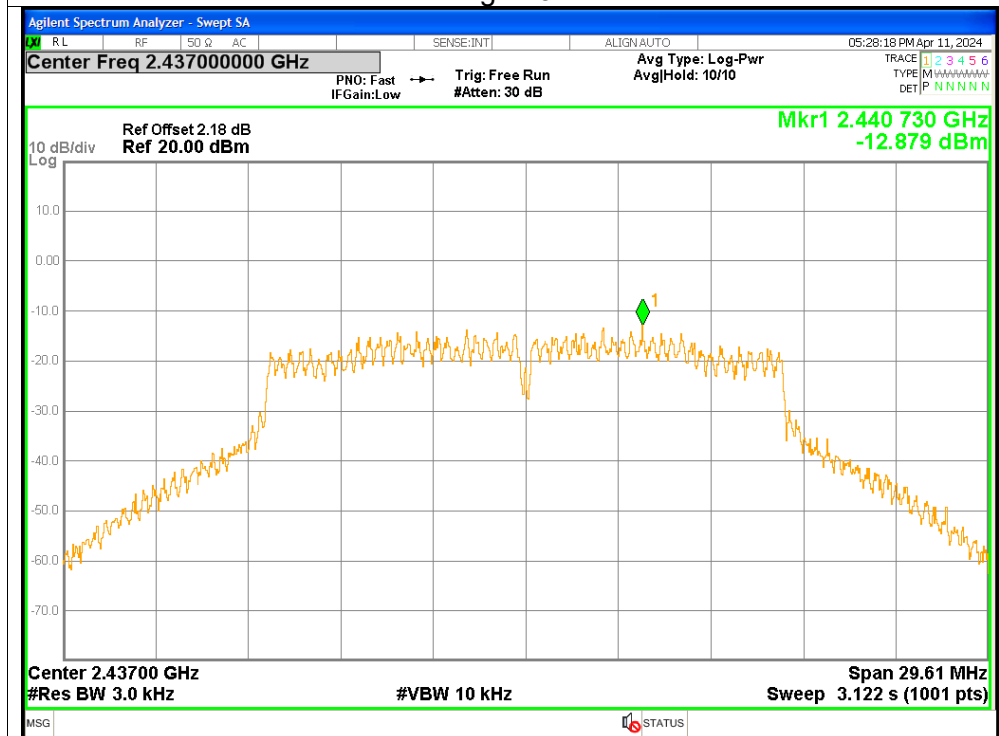


PSD NVNT g 2412MHz Ant2

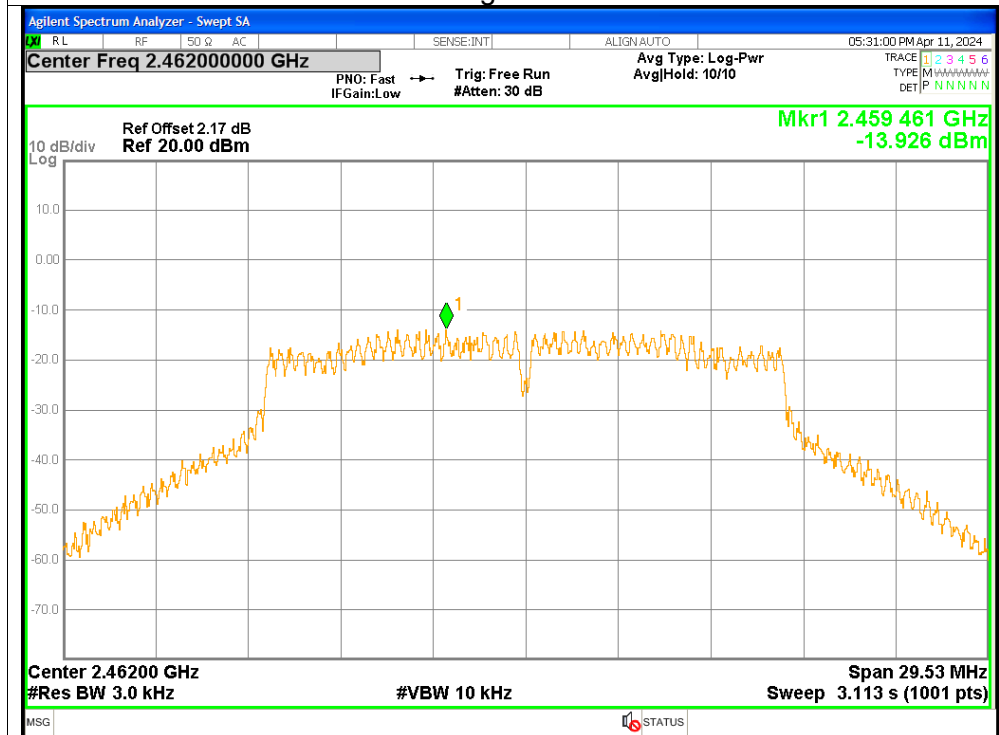




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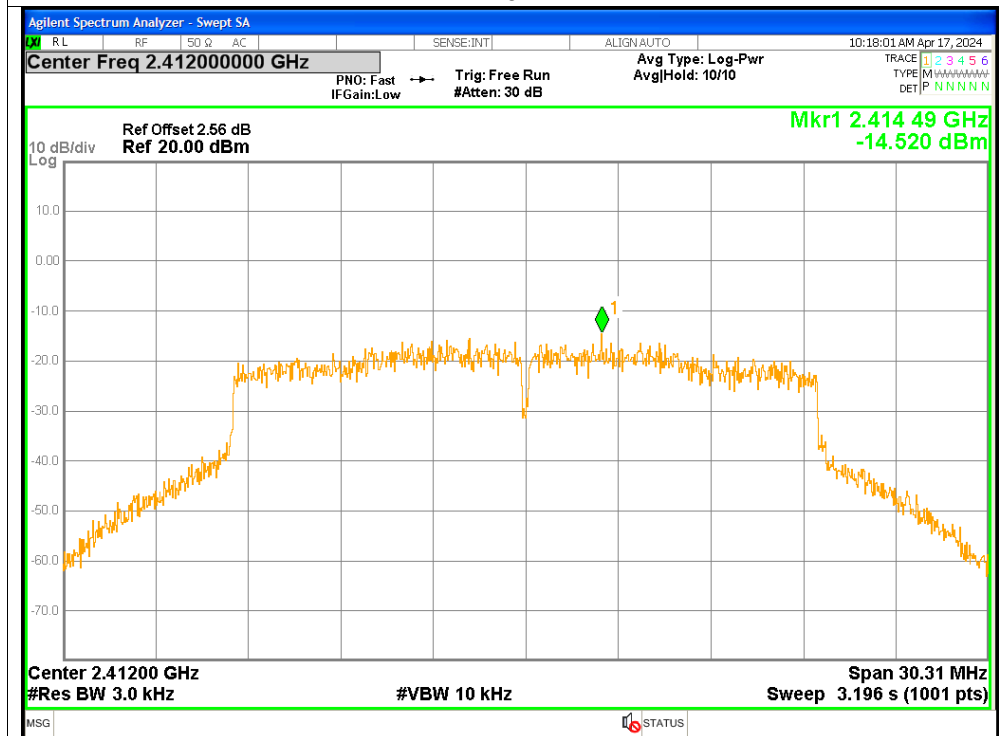


PSD NVNT g 2462MHz Ant2

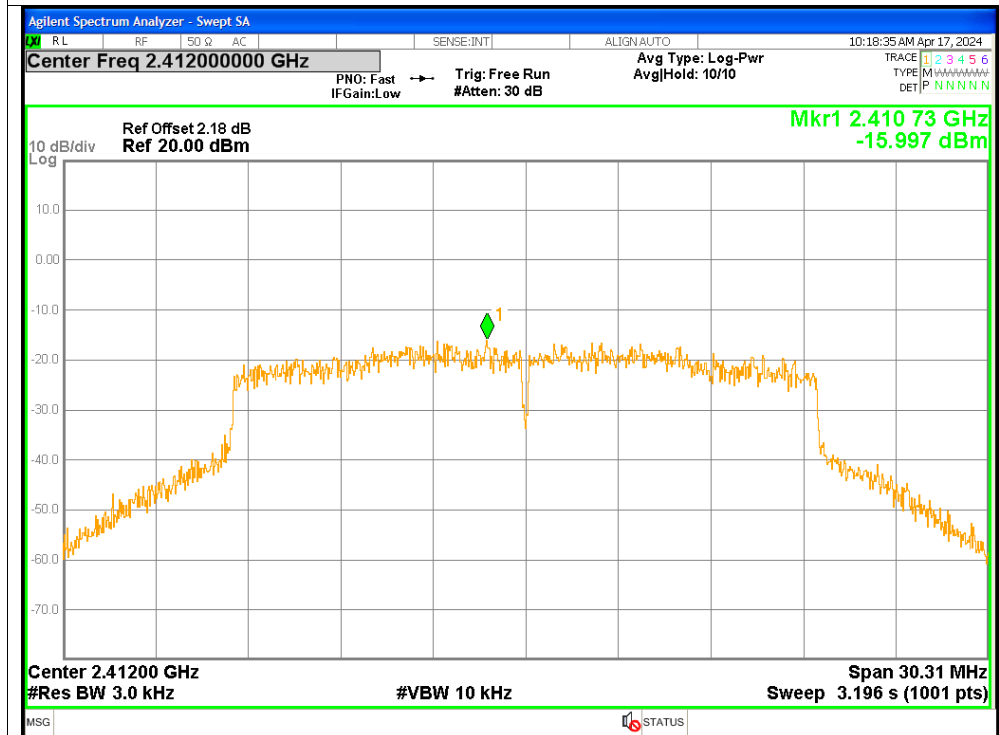




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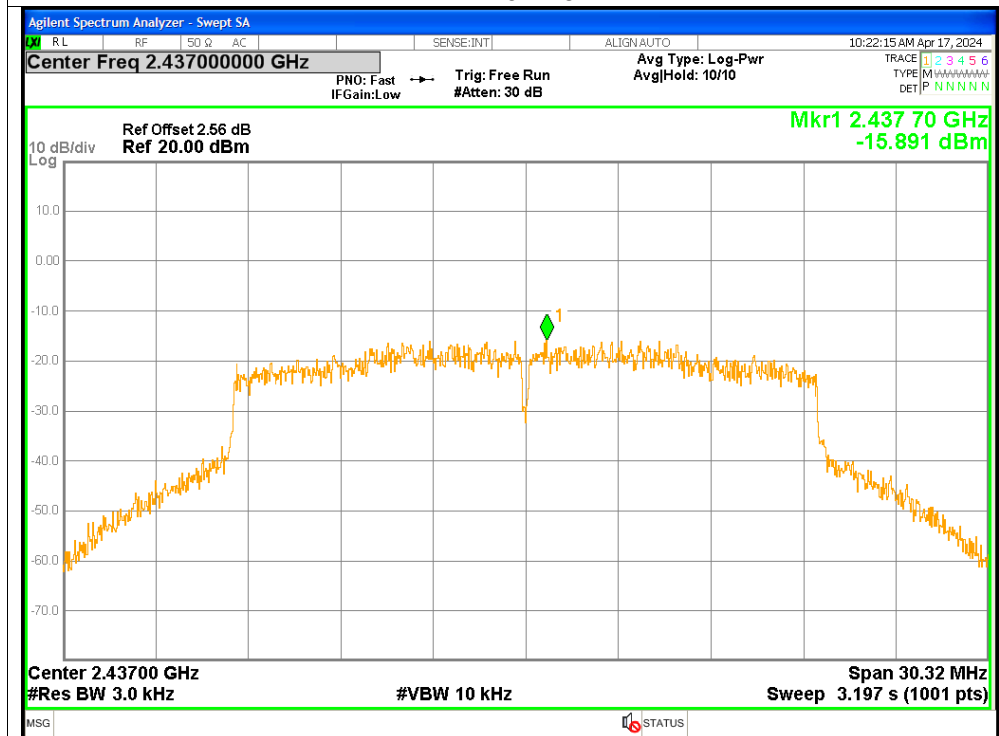


PSD NVNT ax20 2412MHz Ant2

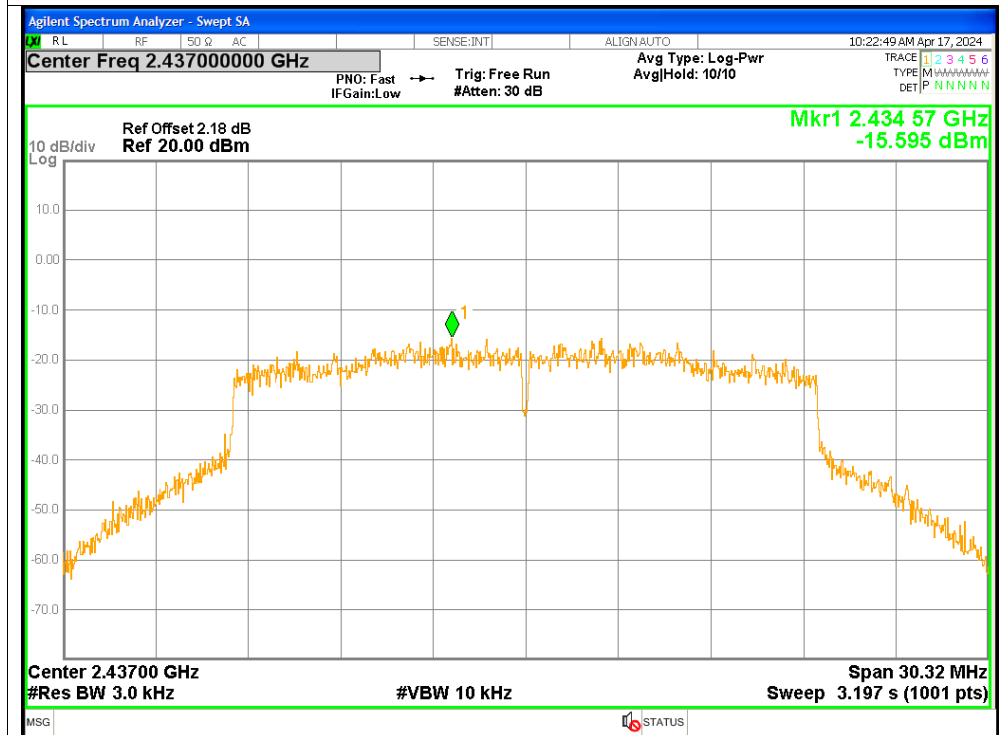




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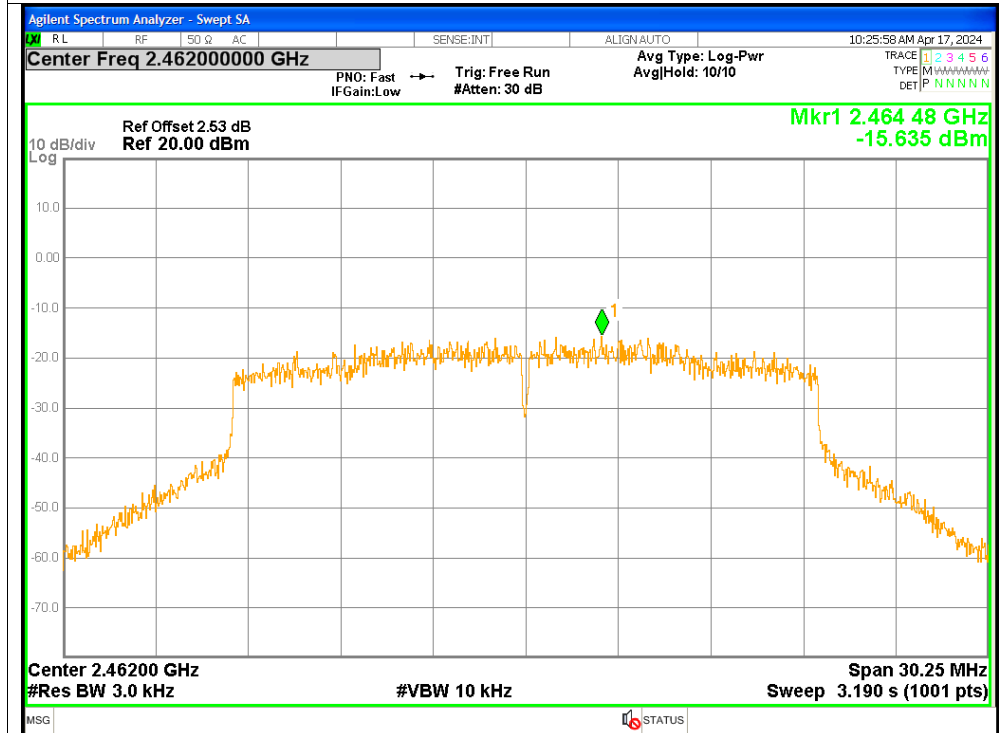


PSD NVNT ax20 2437MHz Ant2

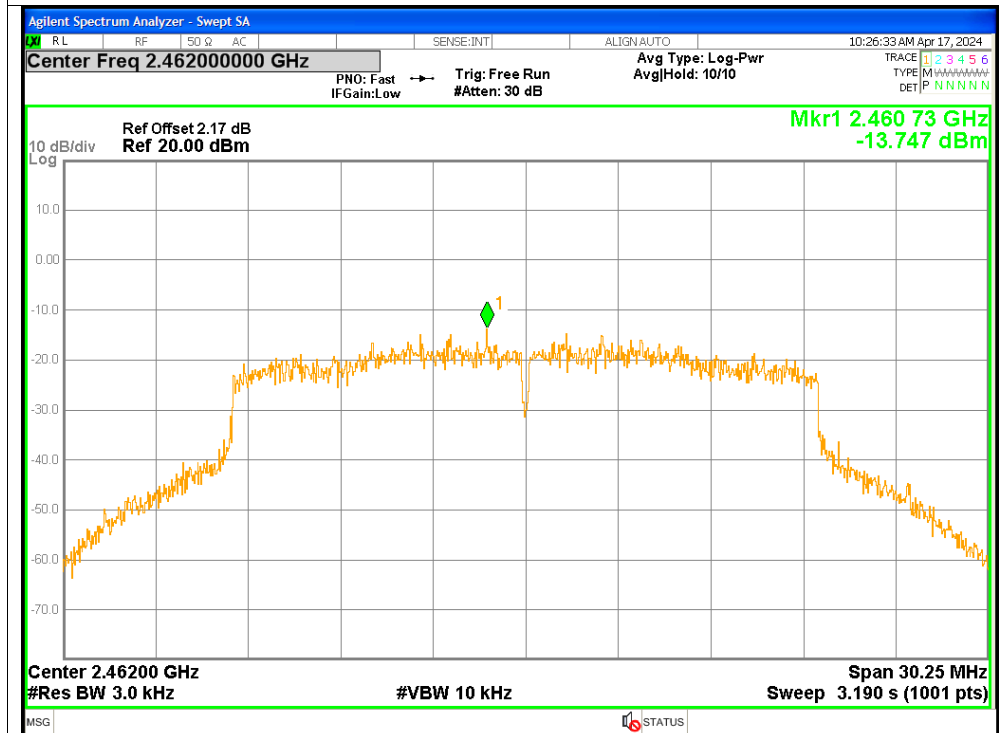




PSD NVNT ax20 2462MHz Ant1

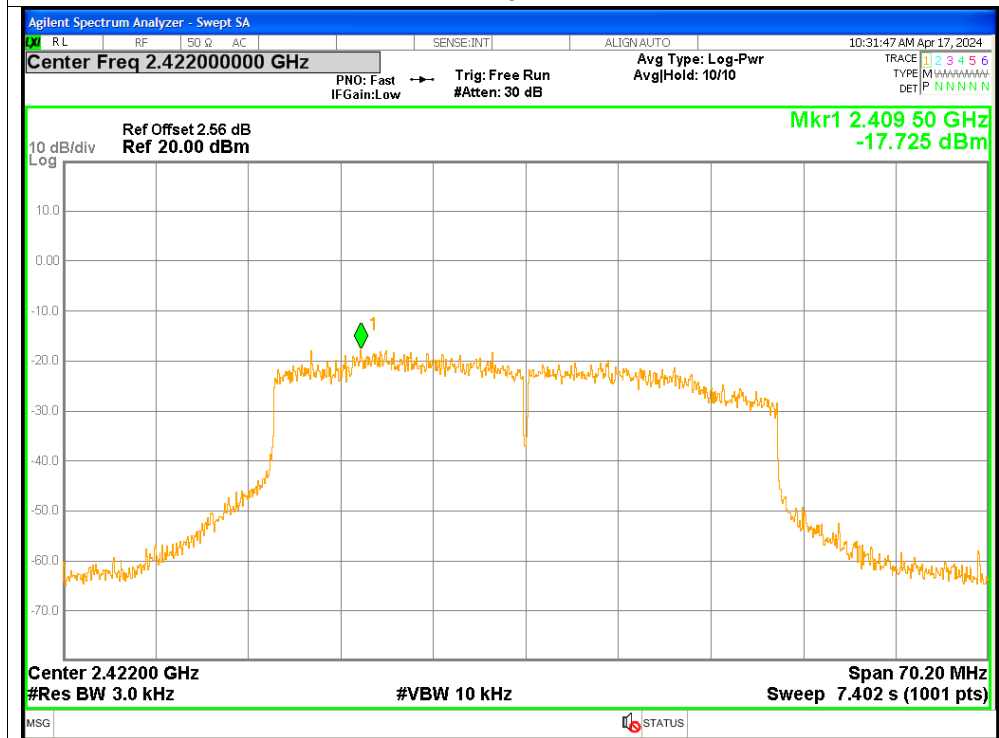


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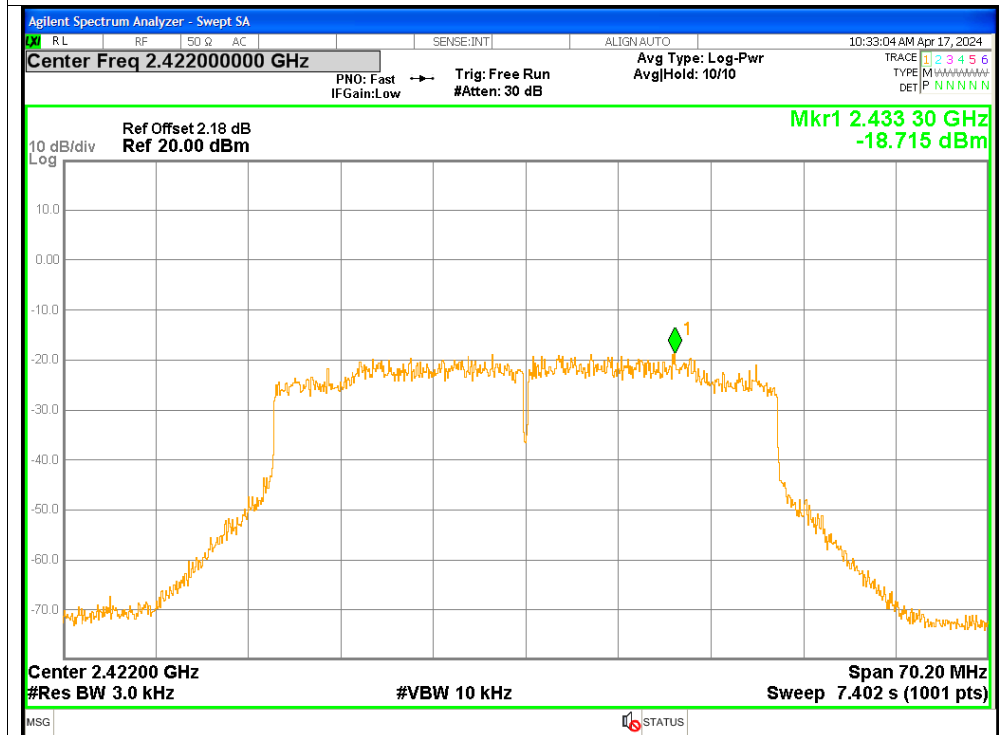




PSD NVNT ax40 2422MHz Ant1

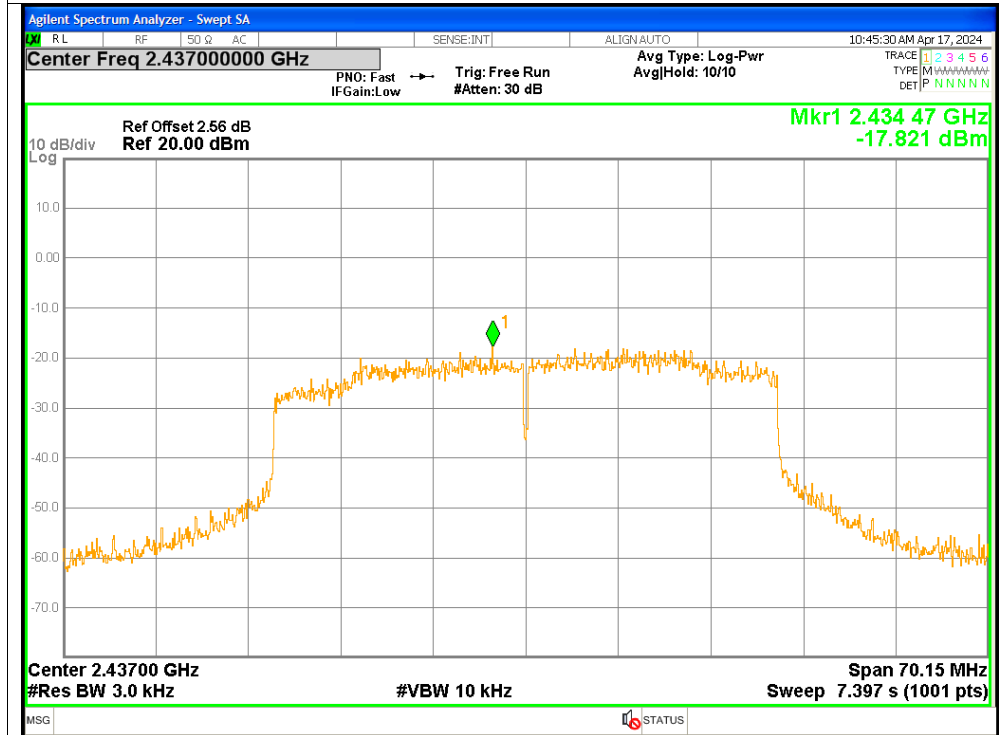


PSD NVNT ax40 2422MHz Ant2

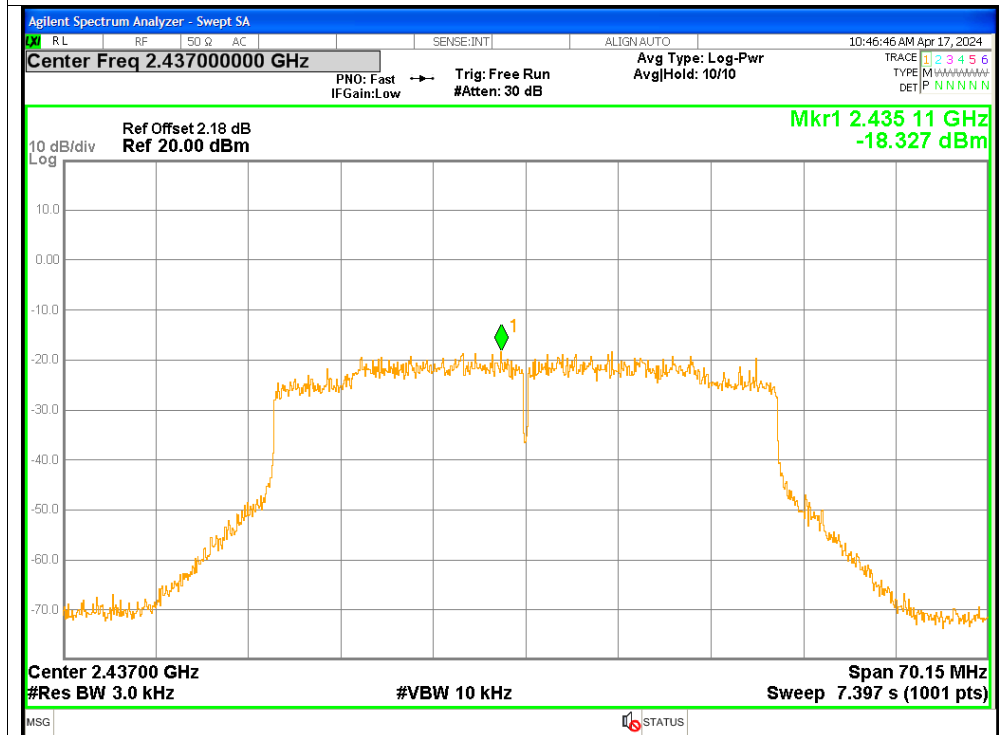




PSD NVNT ax40 2437MHz Ant1

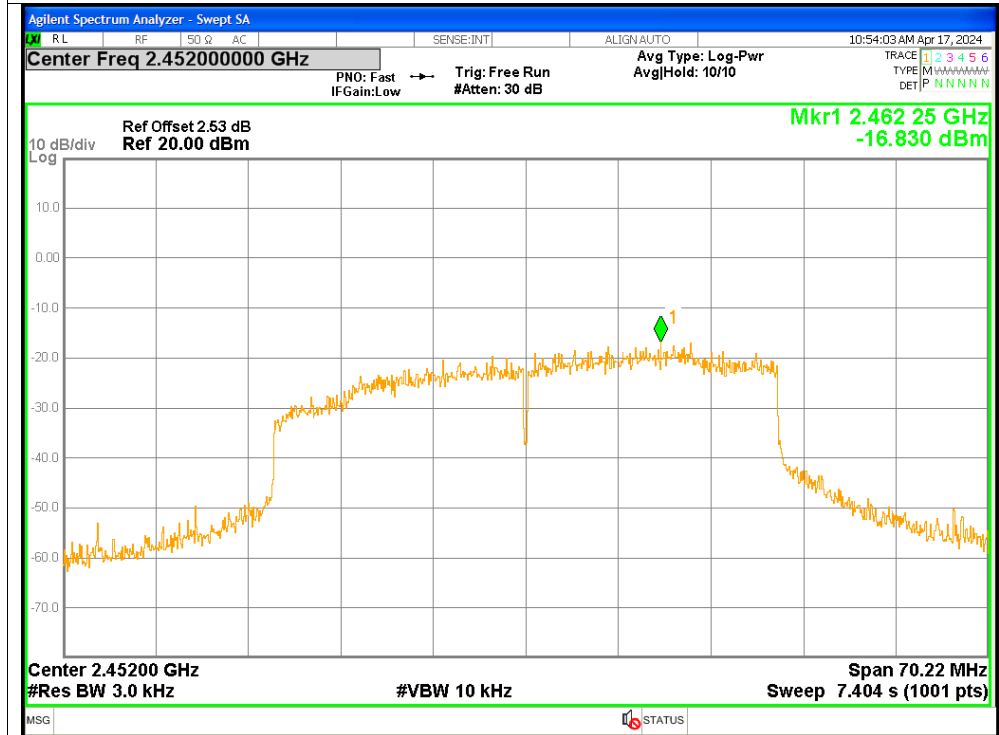


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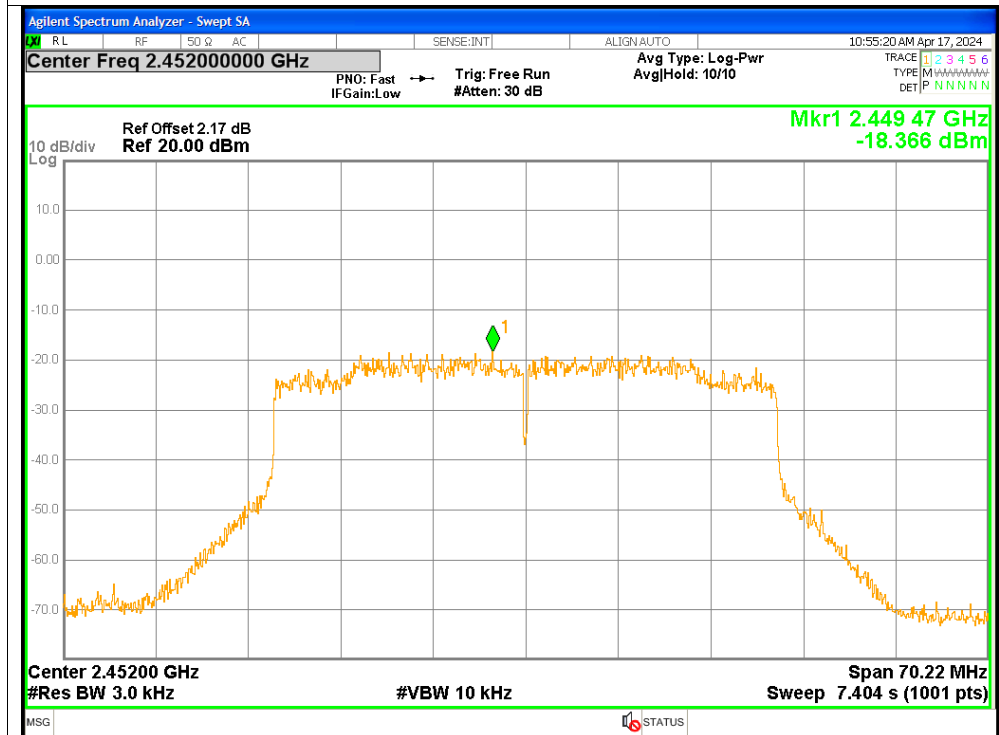




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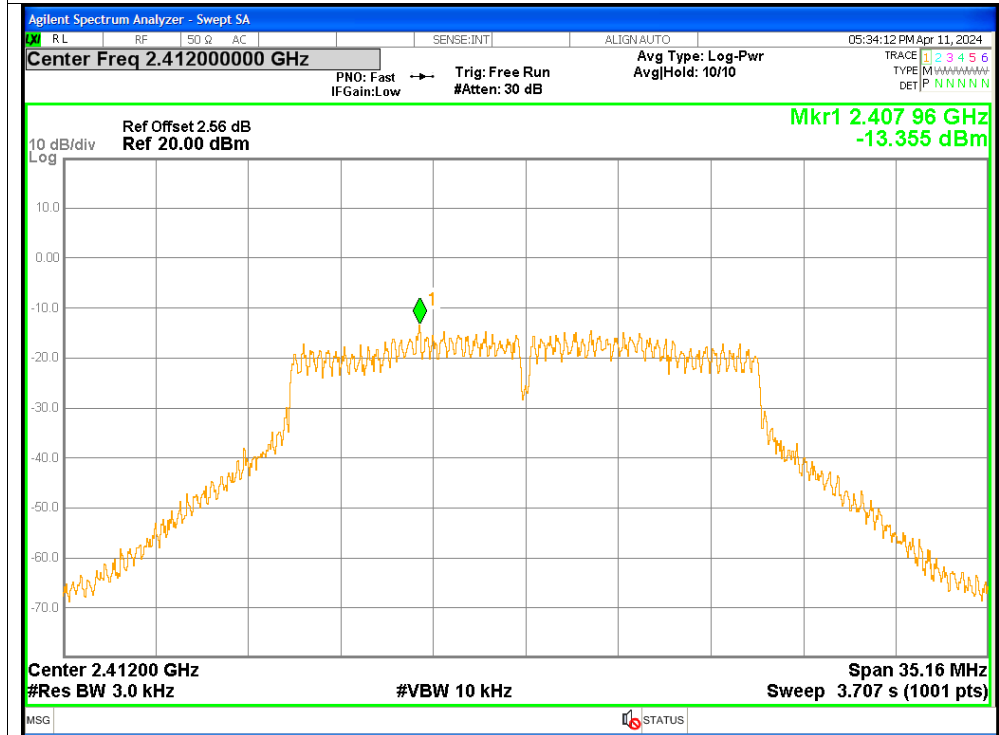


PSD NVNT ax40 2452MHz Ant2

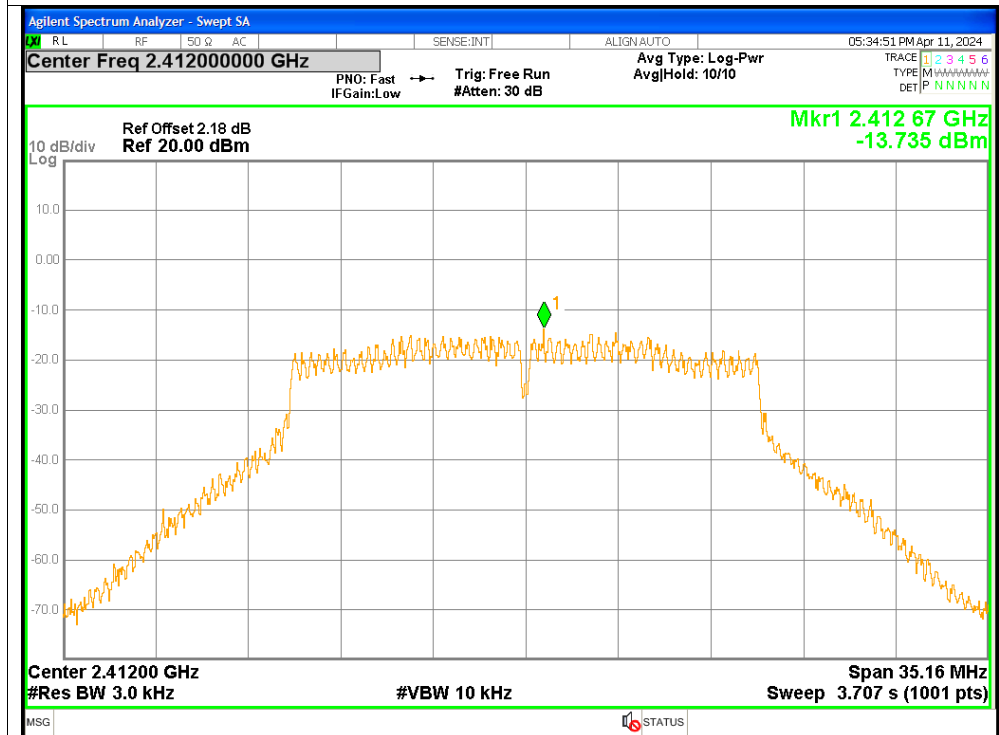




PSD NVNT n20 2412MHz Ant1

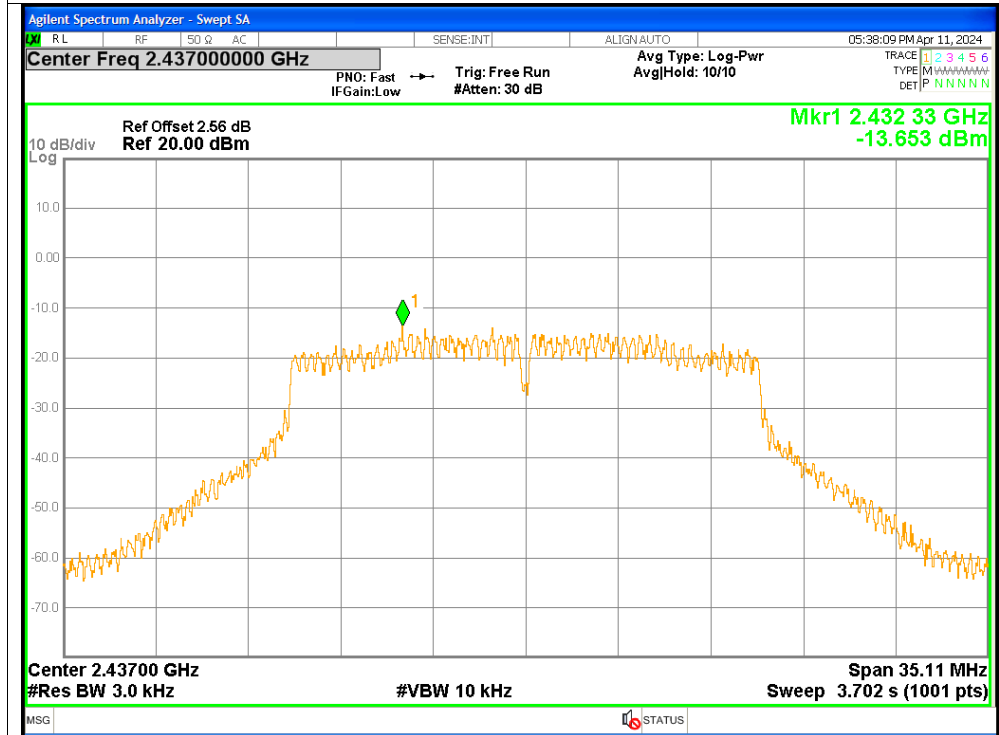


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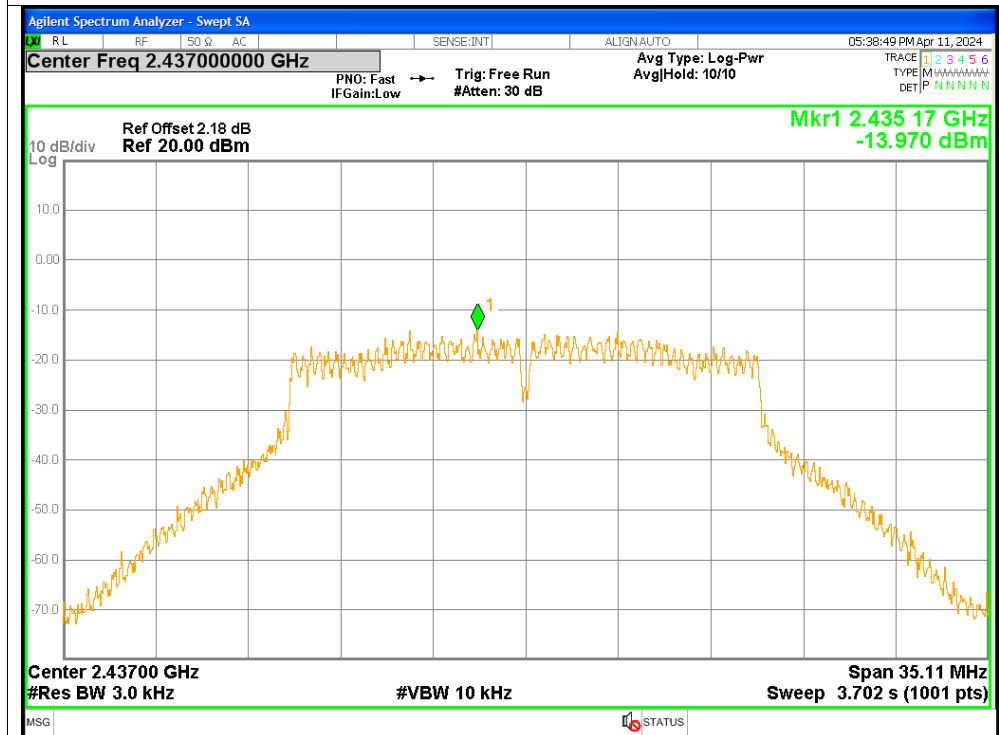




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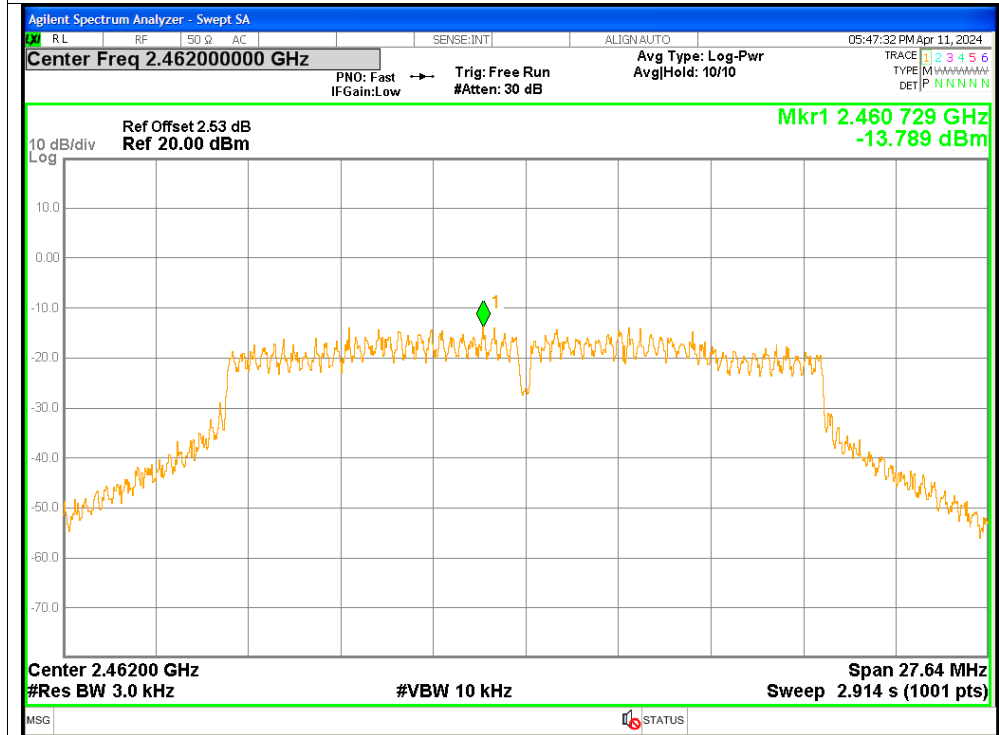


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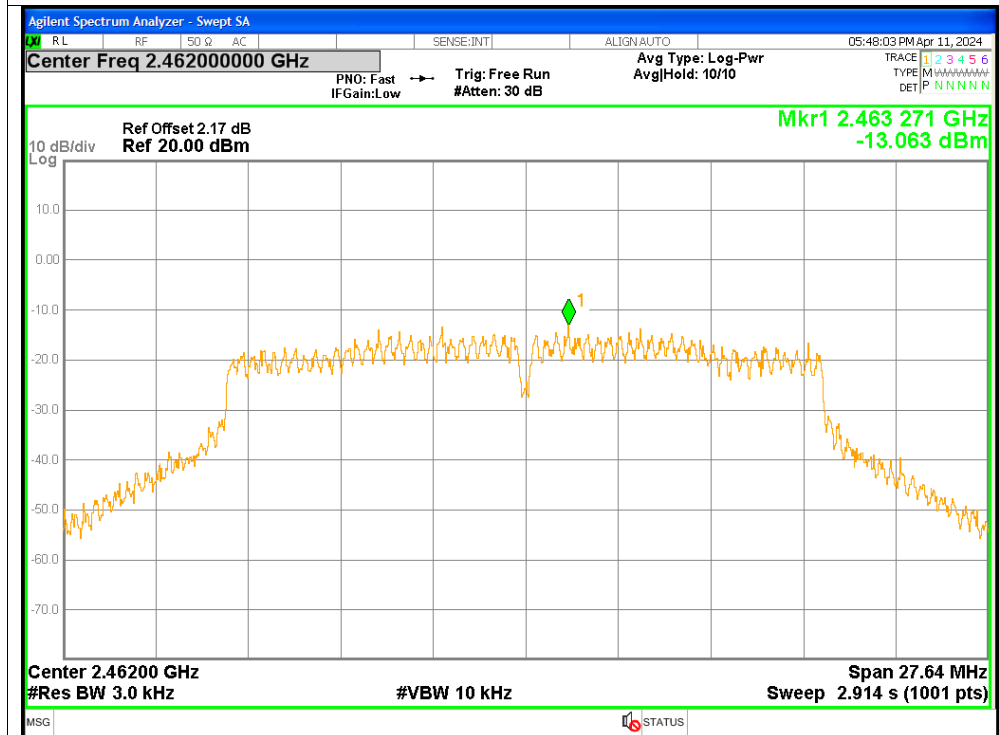




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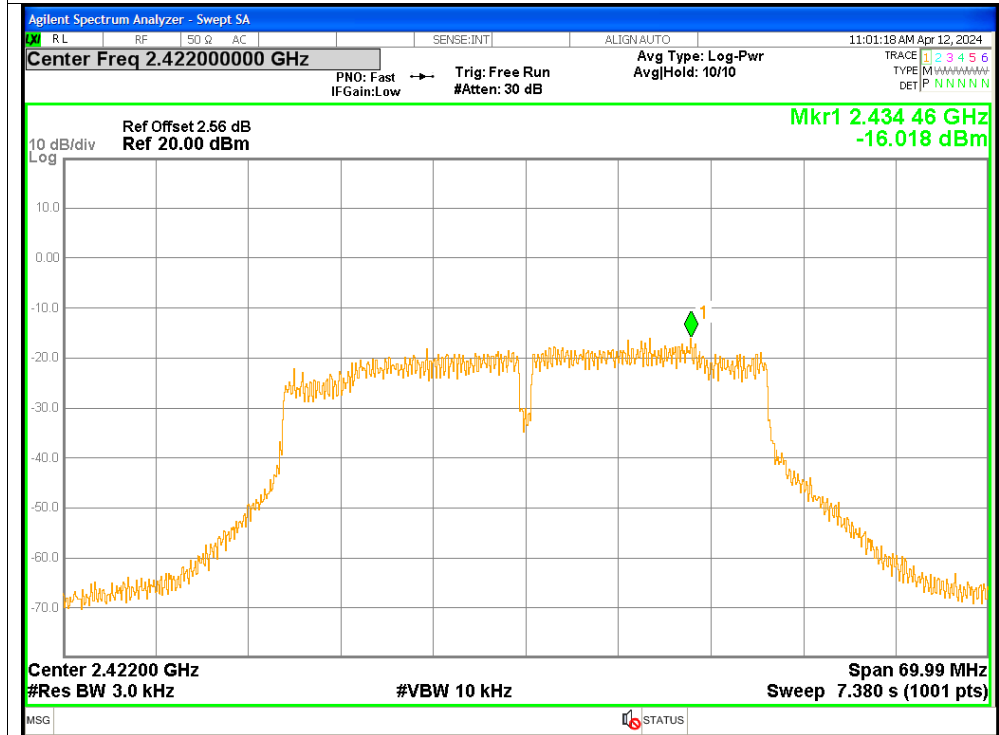


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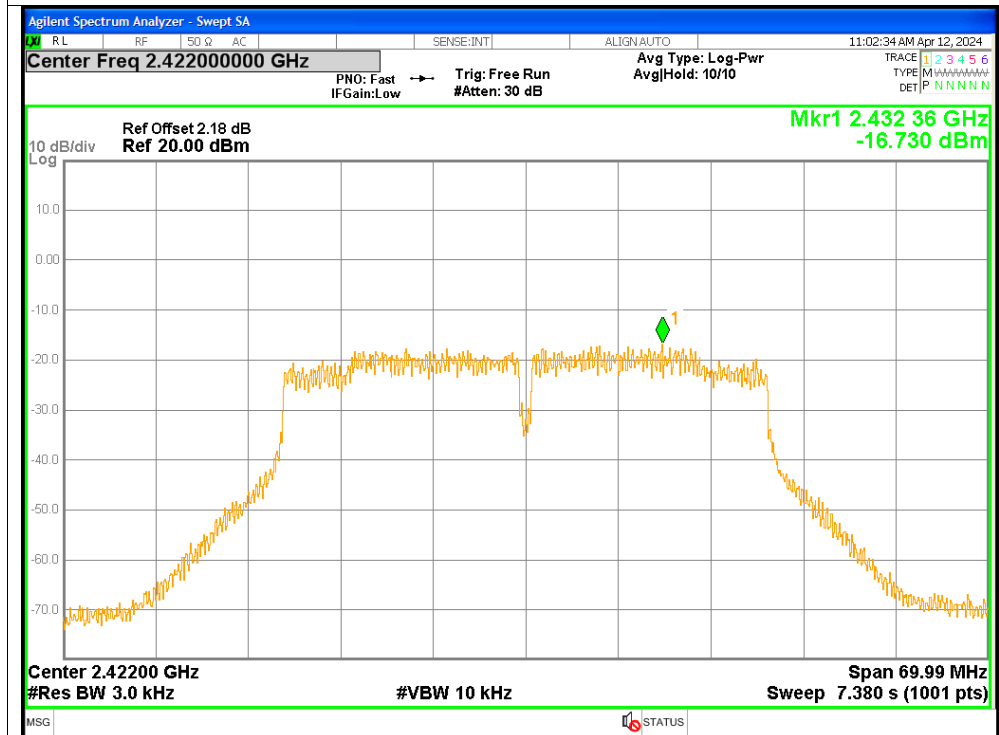




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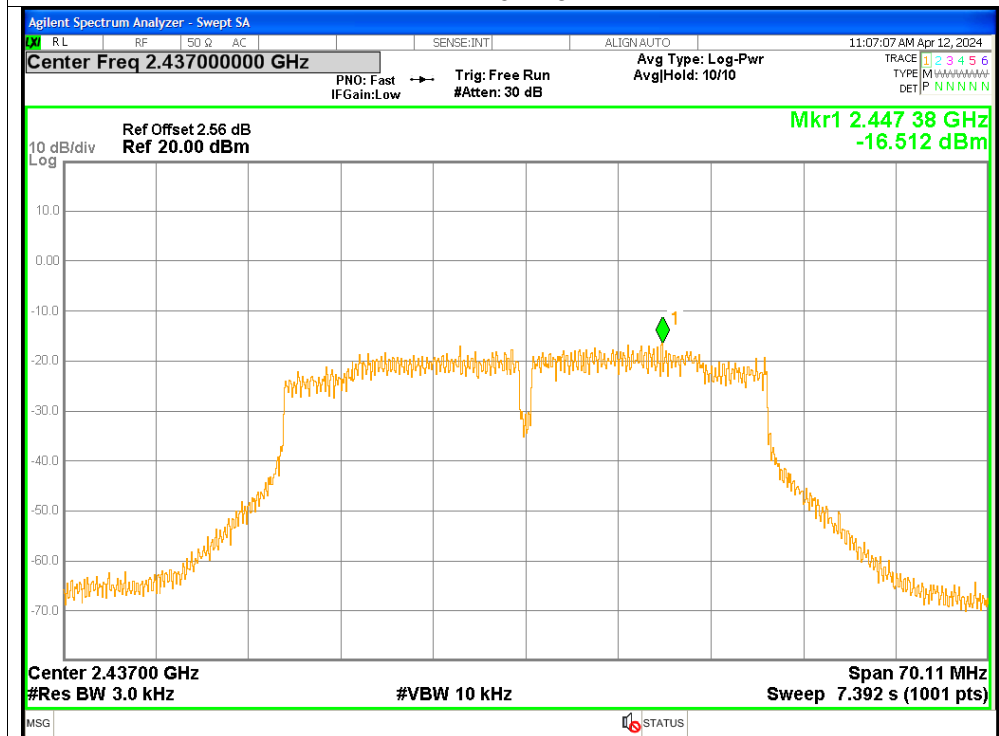


PSD NVNT n40 2422MHz Ant2

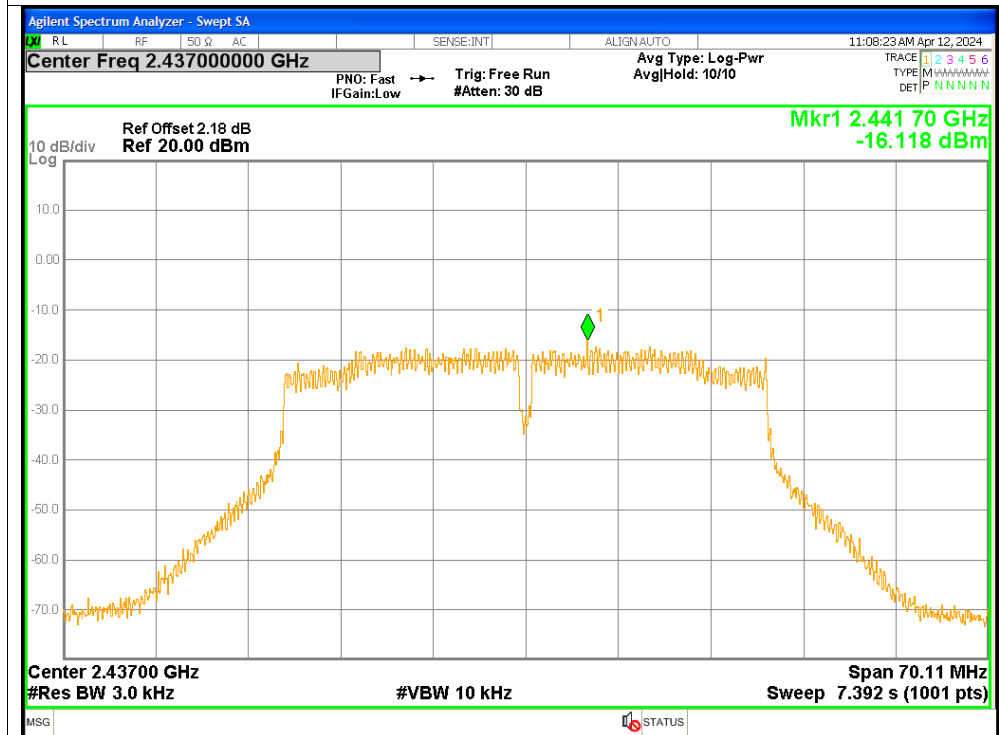




PSD NVNT n40 2437MHz Ant1

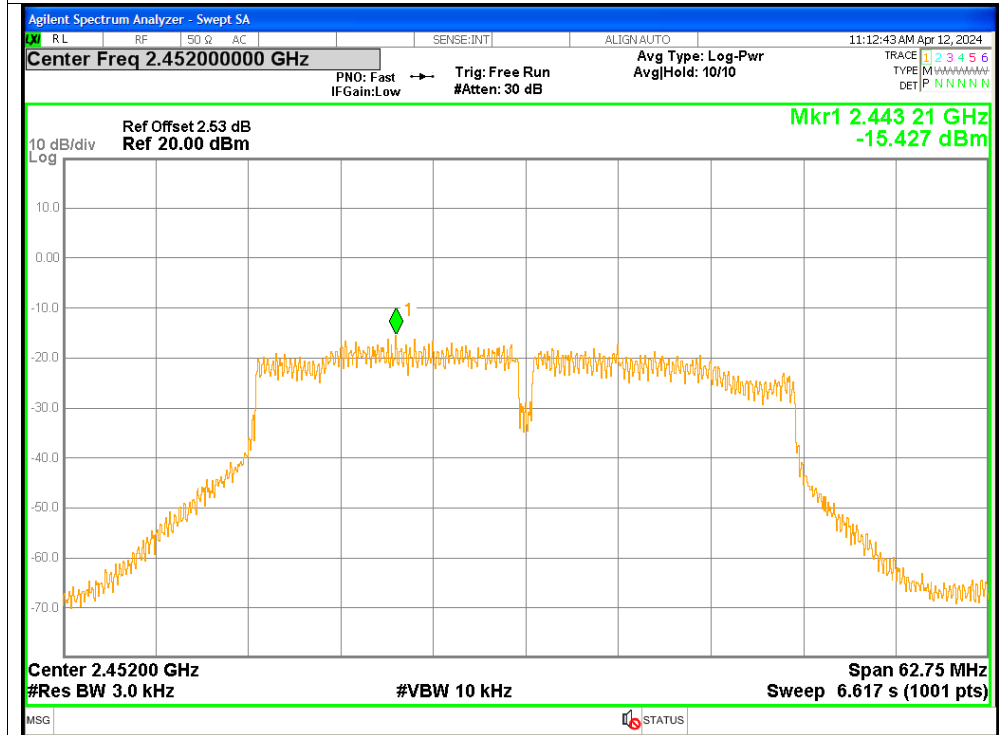


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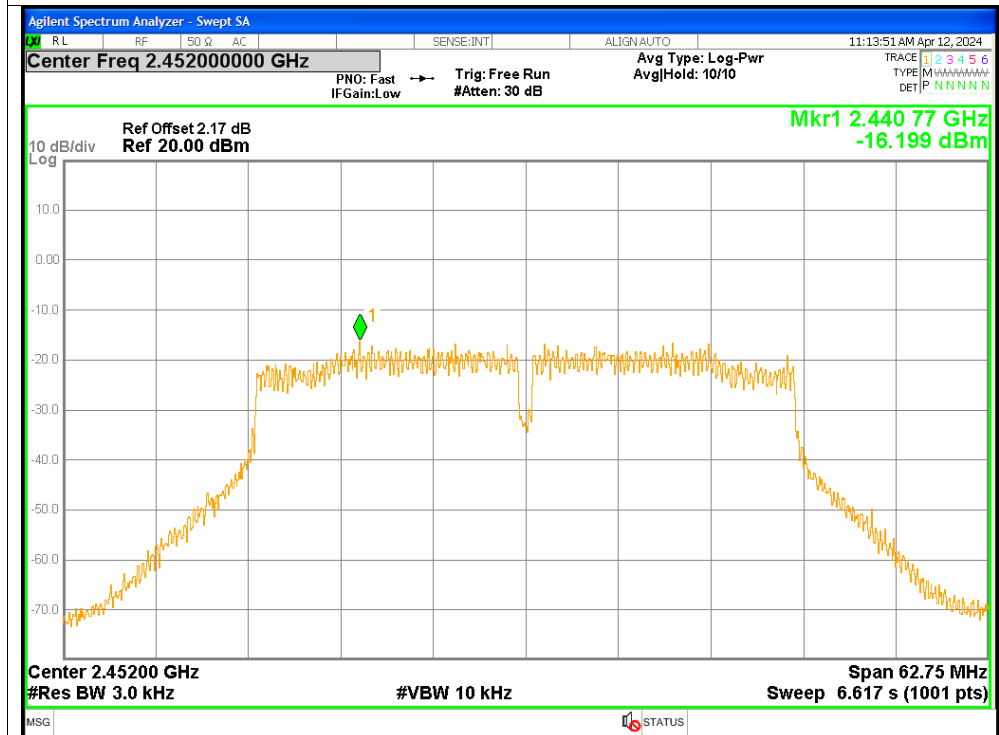




PSD NVNT n40 2452MHz Ant1



PSD NVNT n40 2452MHz Ant2

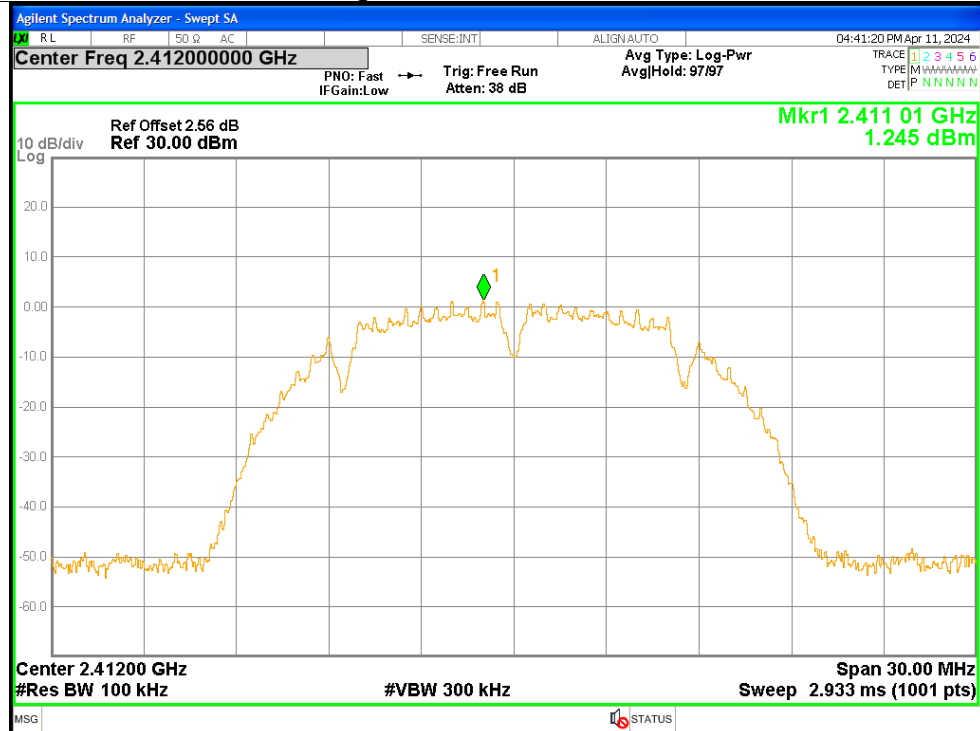




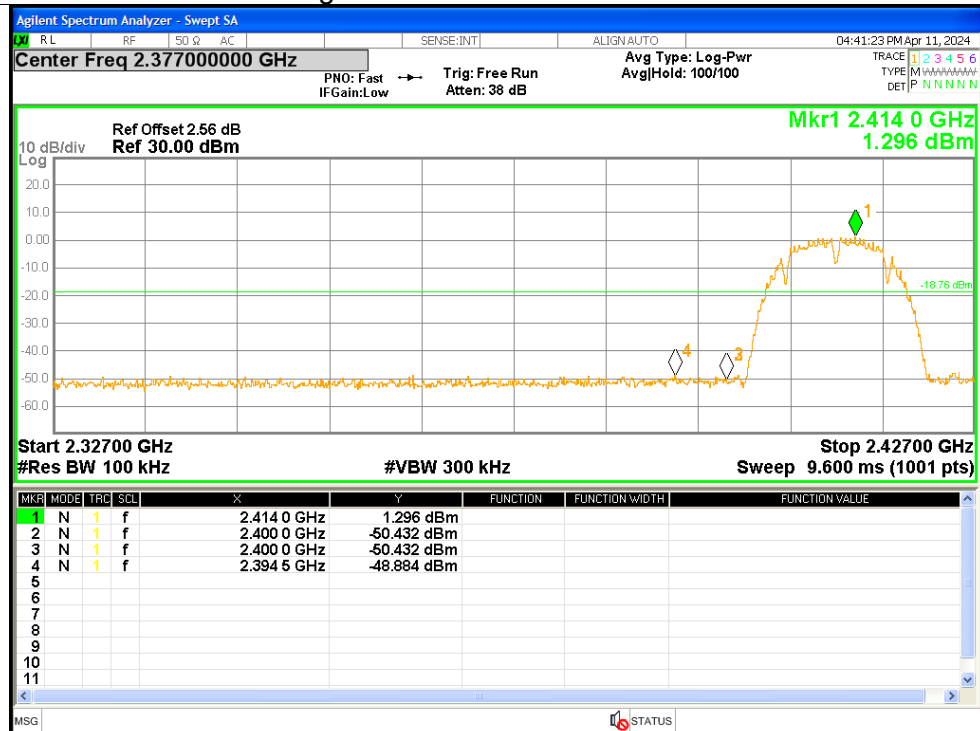
6. Band Edge

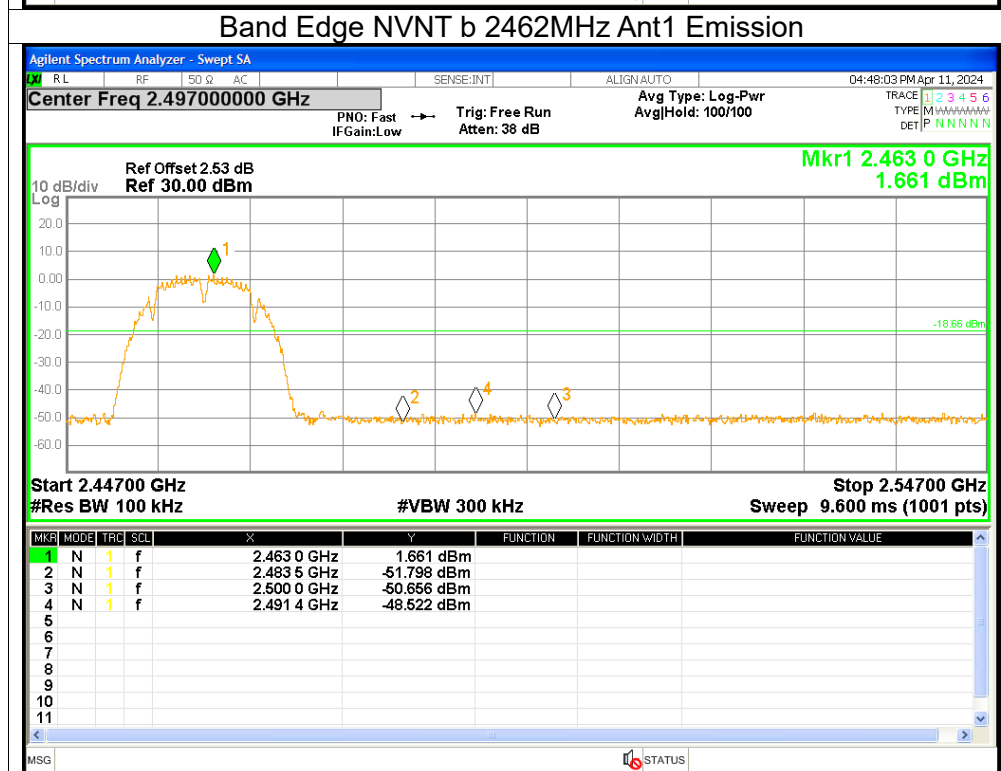
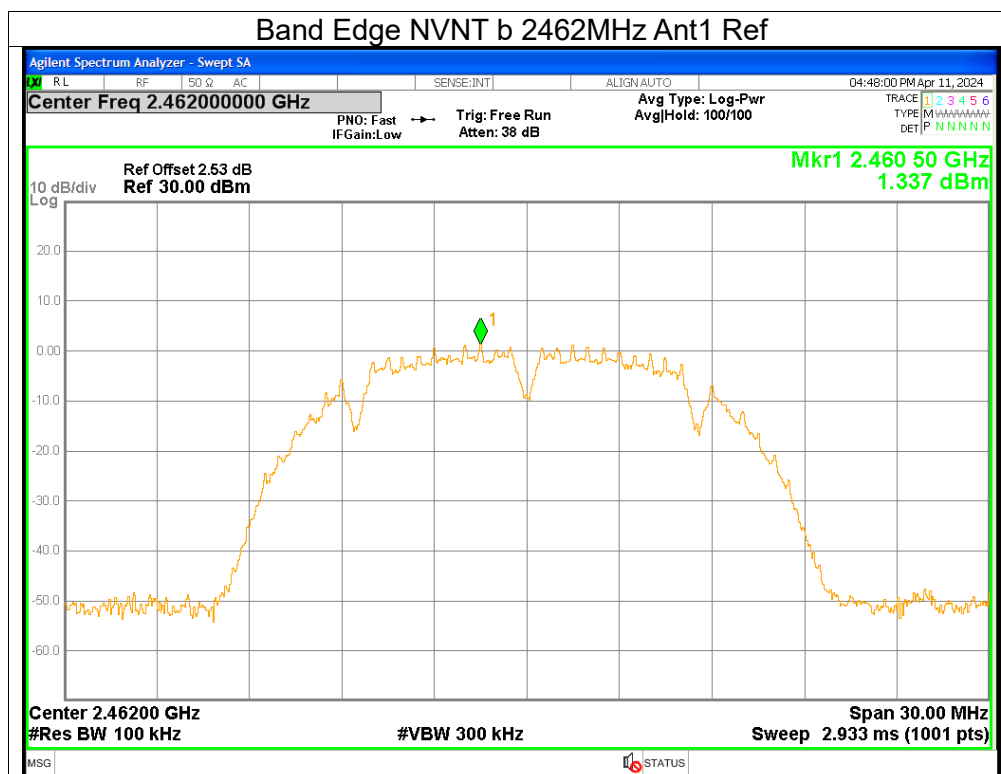
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-50.13	<=-20	Pass
NVNT	b	2462	Ant1	-49.86	<=-20	Pass
NVNT	b	2412	Ant2	-50.24	<=-20	Pass
NVNT	b	2462	Ant2	-50.51	<=-20	Pass
NVNT	g	2412	Ant1	-31.03	<=-20	Pass
NVNT	g	2462	Ant1	-54.63	<=-20	Pass
NVNT	g	2412	Ant2	-31.2	<=-20	Pass
NVNT	g	2462	Ant2	-54.26	<=-20	Pass
NVNT	ax20	2412	Ant1	-31.8	<=-20	Pass
NVNT	ax20	2412	Ant2	-30.98	<=-20	Pass
NVNT	ax20	2462	Ant1	-48.04	<=-20	Pass
NVNT	ax20	2462	Ant2	-57.53	<=-20	Pass
NVNT	ax40	2422	Ant1	-28.18	<=-20	Pass
NVNT	ax40	2422	Ant2	-32.23	<=-20	Pass
NVNT	ax40	2452	Ant1	-32.14	<=-20	Pass
NVNT	ax40	2452	Ant2	-50.98	<=-20	Pass
NVNT	n20	2412	Ant1	-32.99	<=-20	Pass
NVNT	n20	2412	Ant2	-34.48	<=-20	Pass
NVNT	n20	2462	Ant1	-54.2	<=-20	Pass
NVNT	n20	2462	Ant2	-56.01	<=-20	Pass
NVNT	n40	2422	Ant1	-36.41	<=-20	Pass
NVNT	n40	2422	Ant2	-33.09	<=-20	Pass
NVNT	n40	2452	Ant1	-47.32	<=-20	Pass
NVNT	n40	2452	Ant2	-51.84	<=-20	Pass

Test Graphs	
Band Edge	NVNT b 2412MHz Ant1 Ref



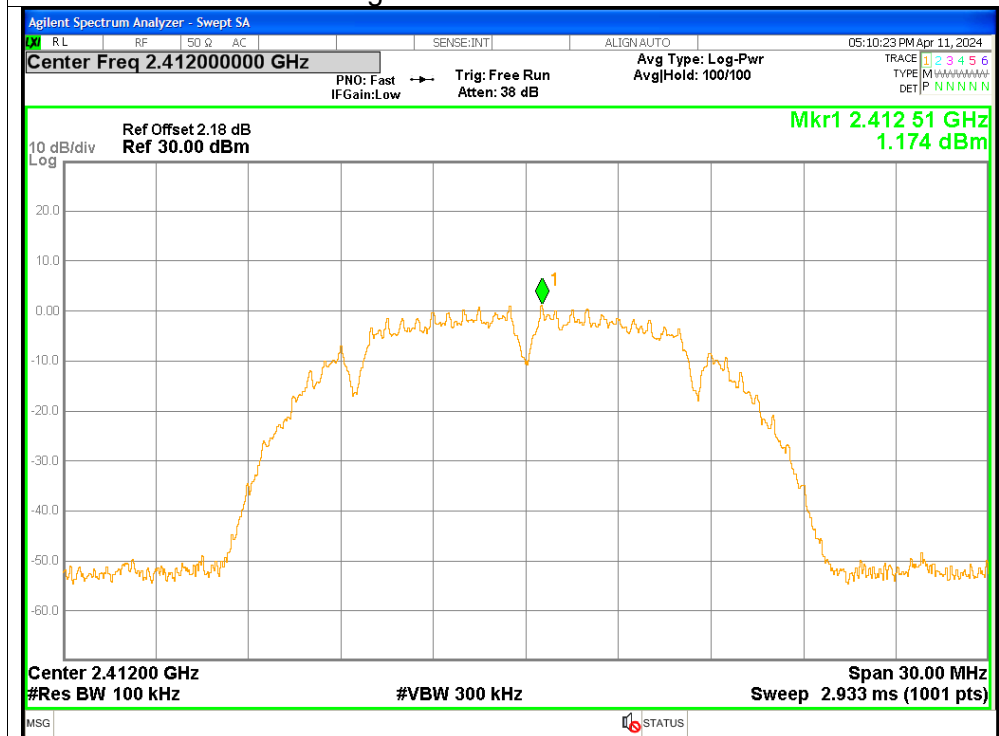
Band Edge NVNT b 2412MHz Ant1 Emission



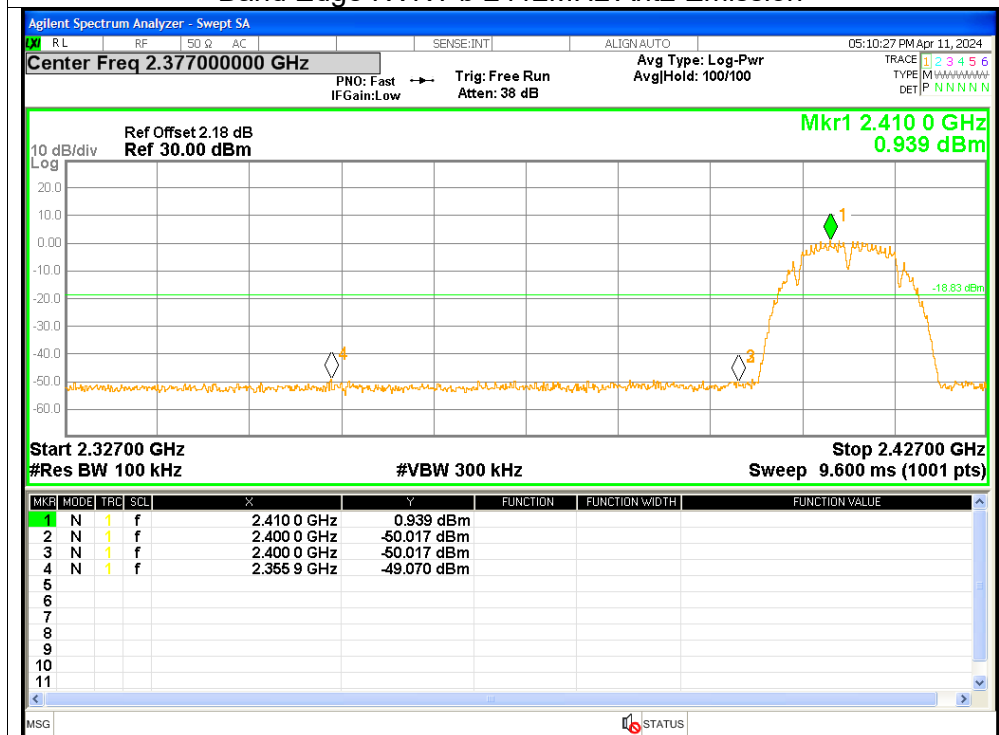




Band Edge NVNT b 2412MHz Ant2 Ref

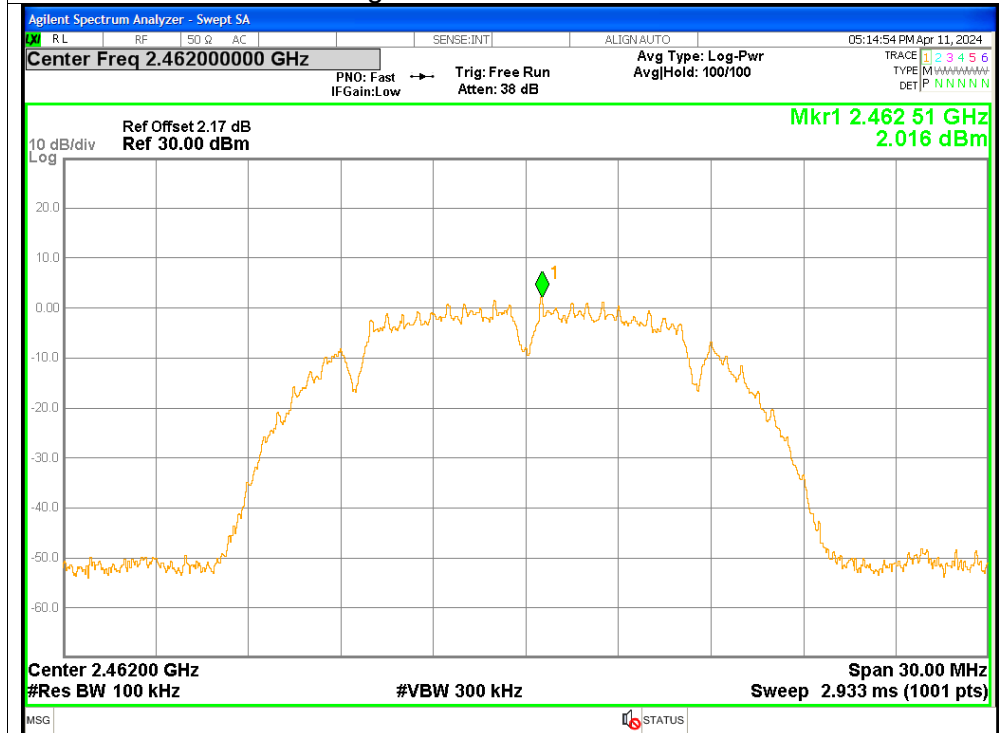


Band Edge NVNT b 2412MHz Ant2 Emission

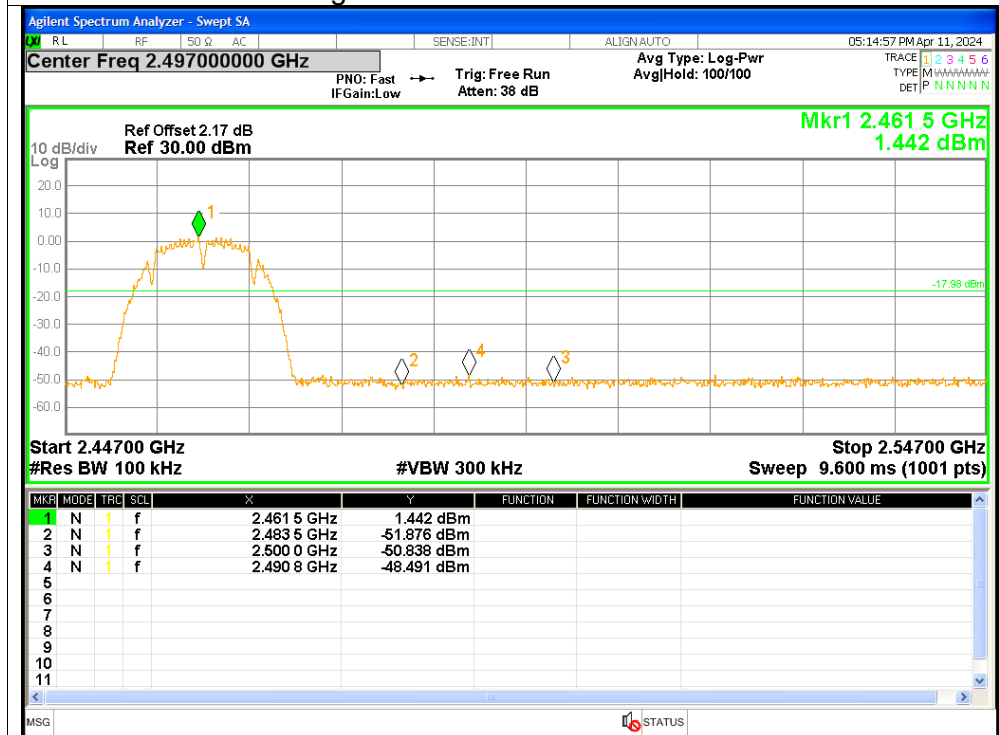


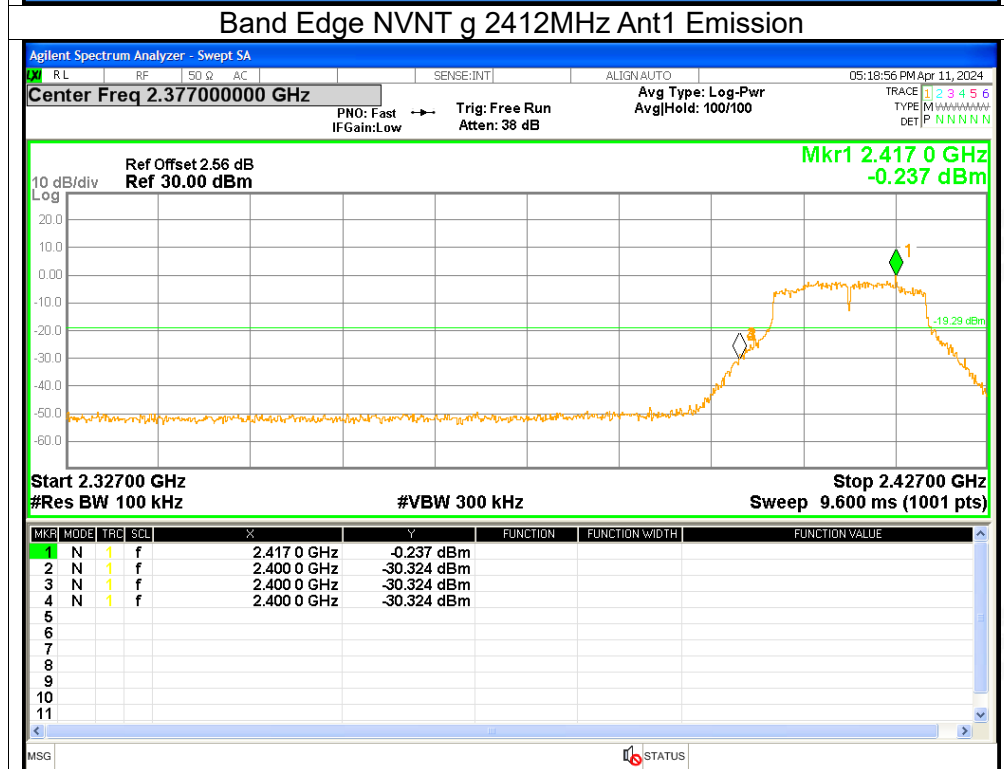
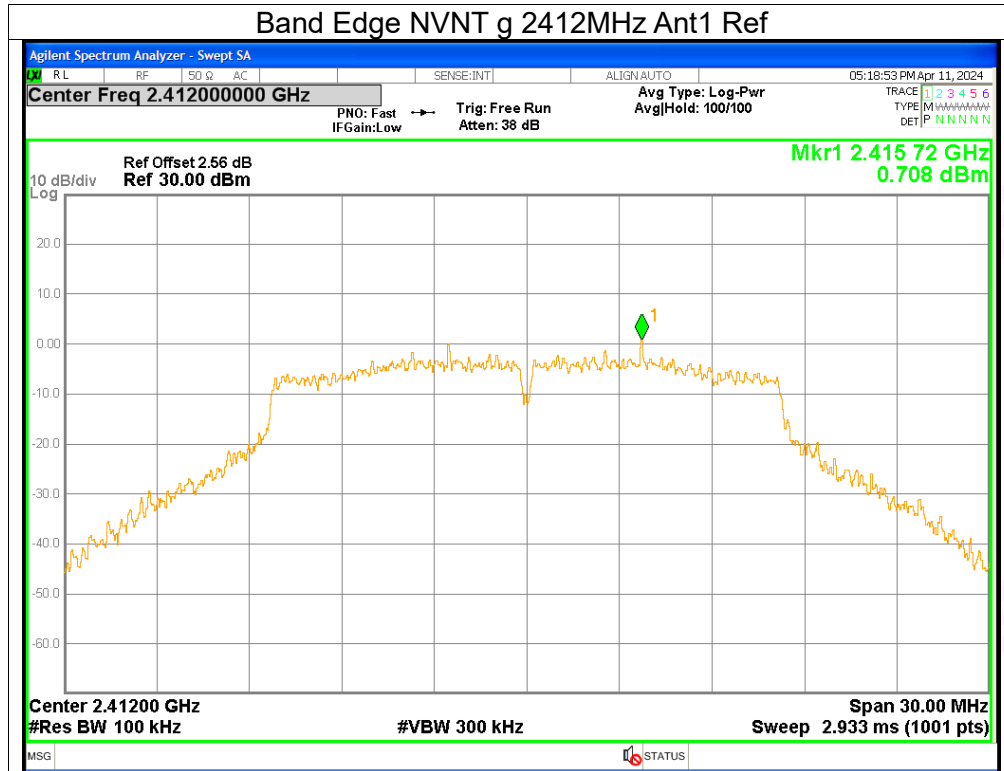


Band Edge NVNT b 2462MHz Ant2 Ref

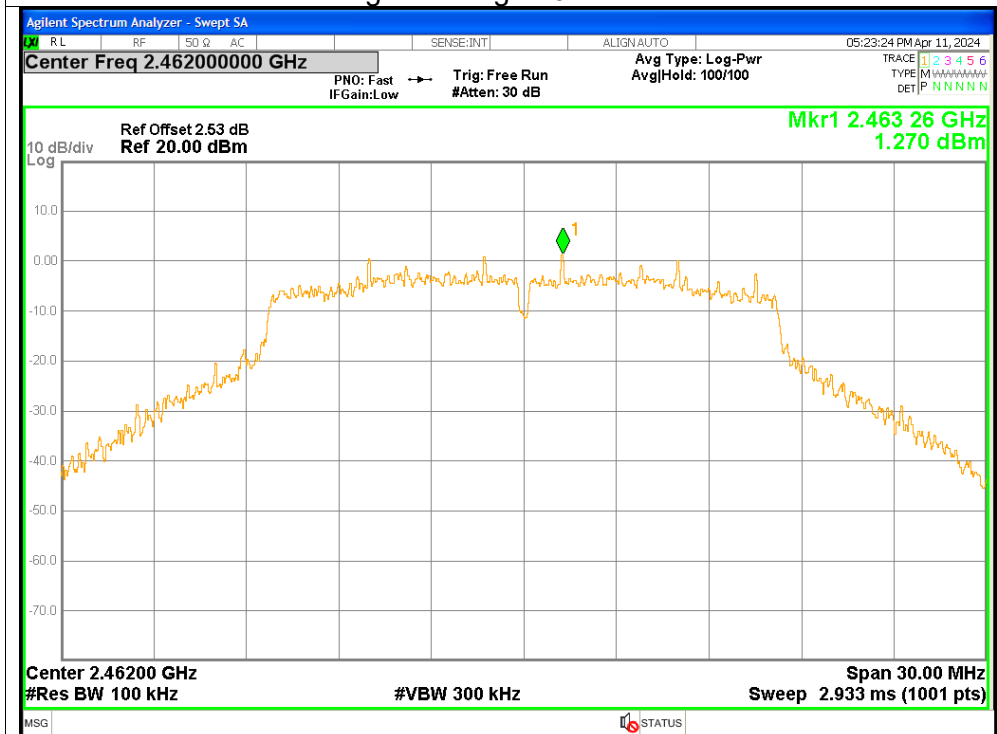


Band Edge NVNT b 2462MHz Ant2 Emission

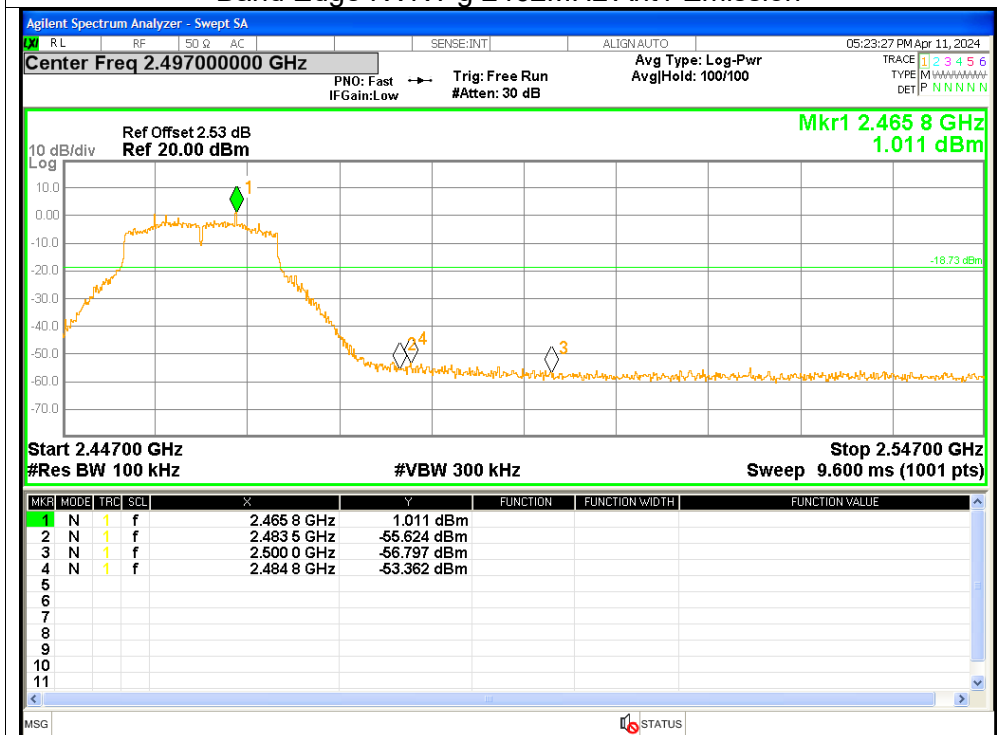




Band Edge NVNT g 2462MHz Ant1 Ref

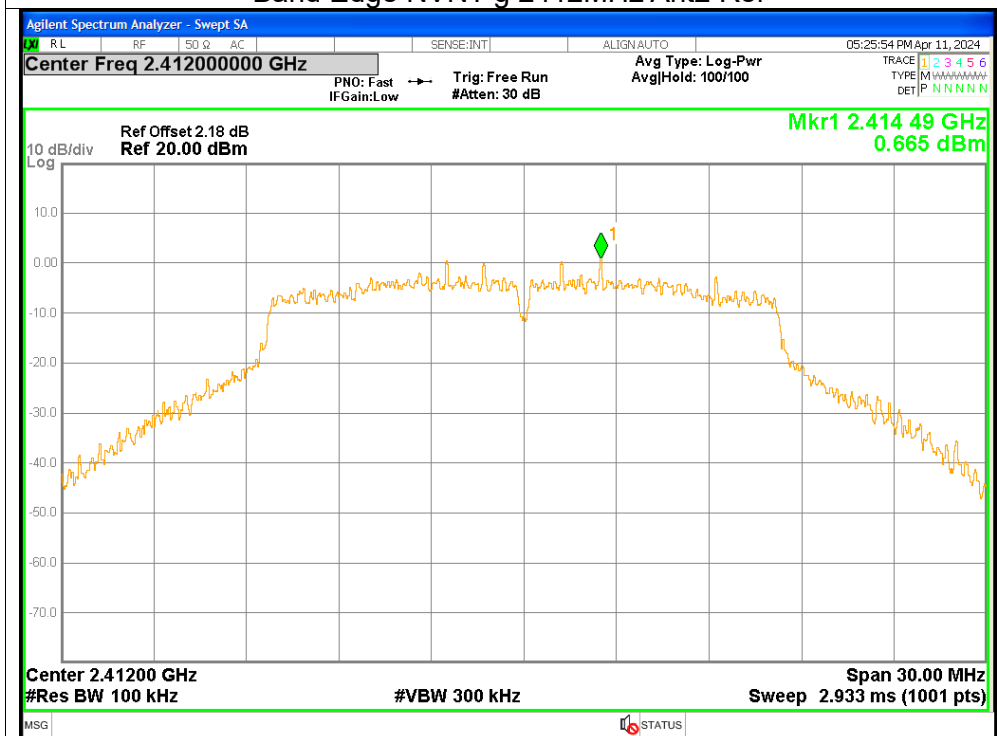


Band Edge NVNT g 2462MHz Ant1 Emission

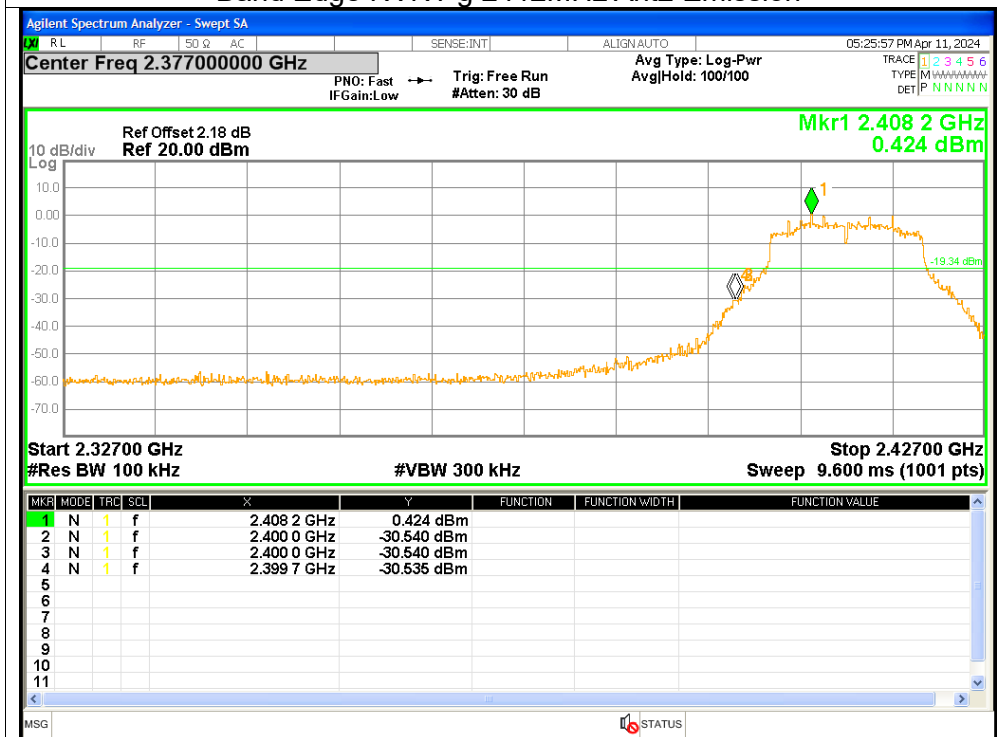


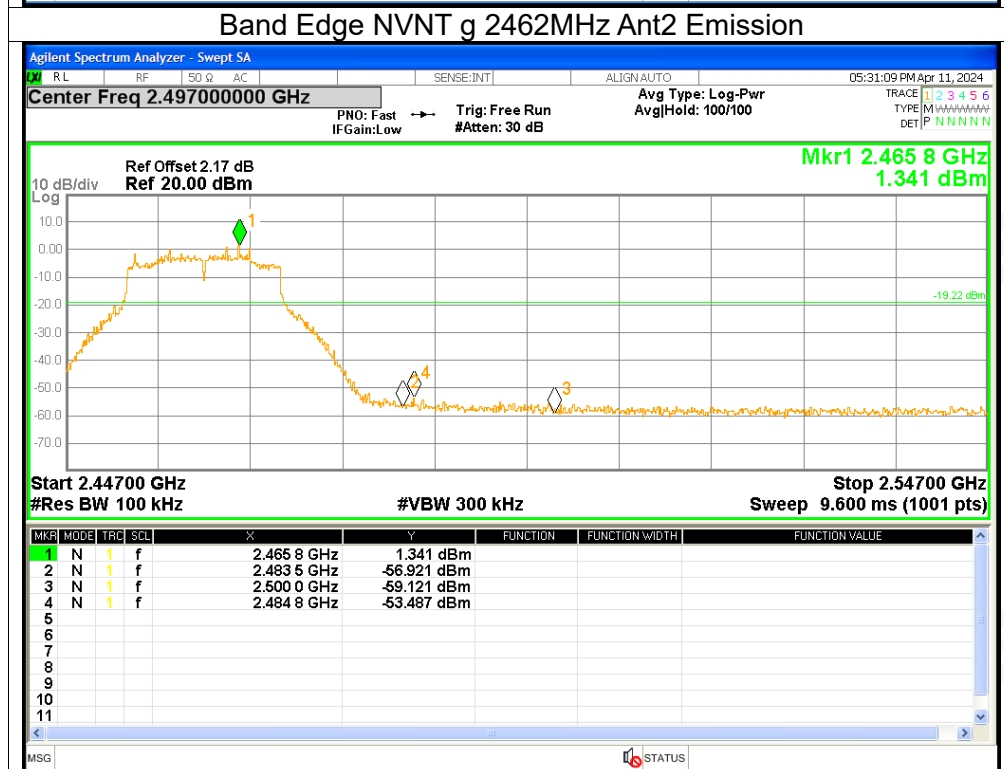
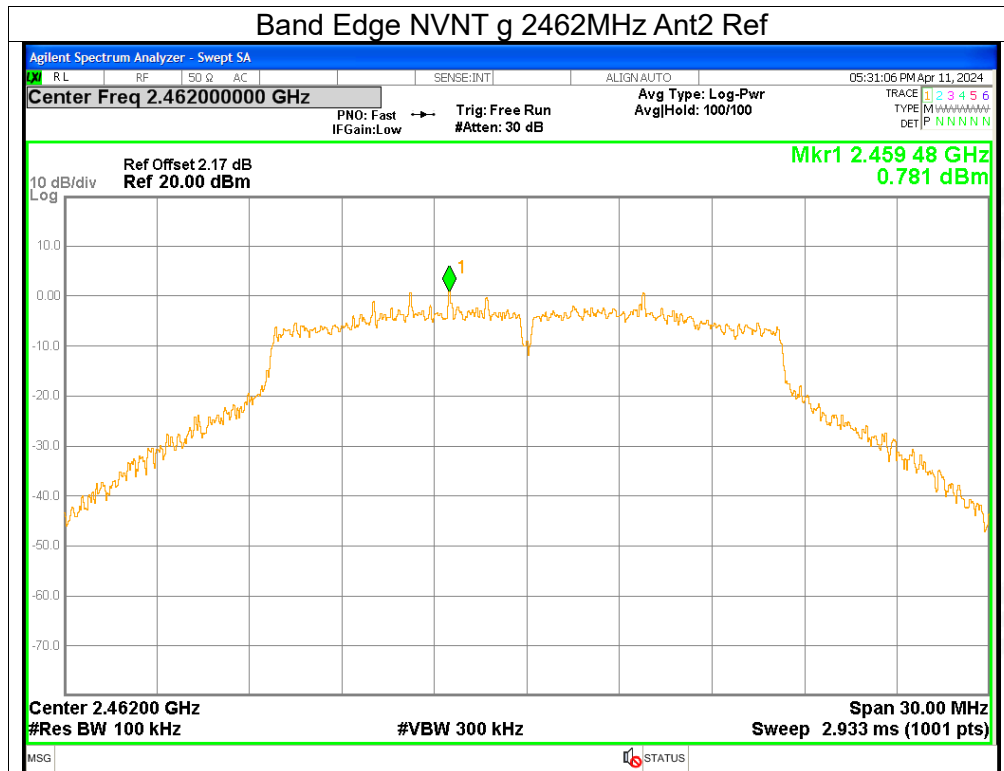


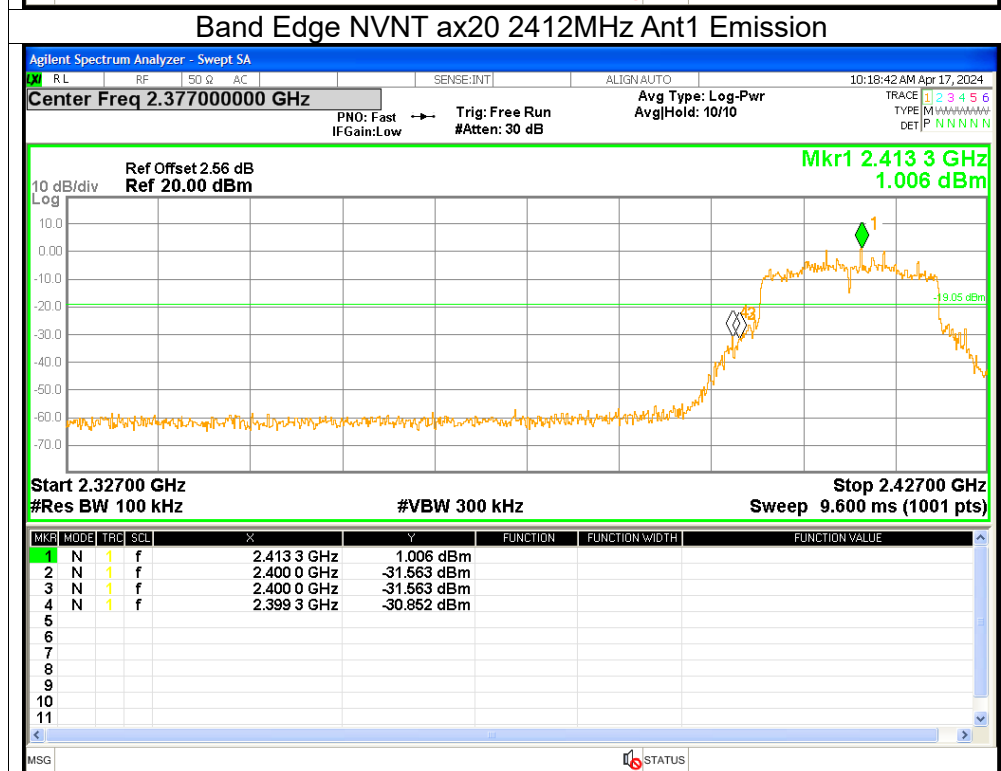
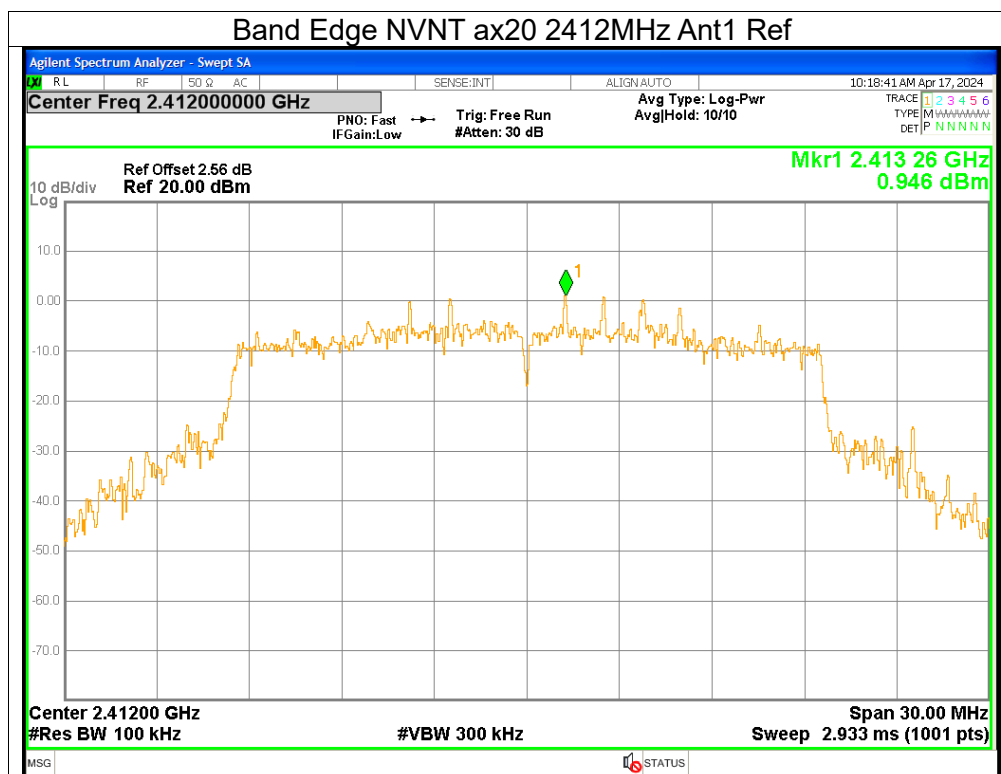
Band Edge NVNT g 2412MHz Ant2 Ref

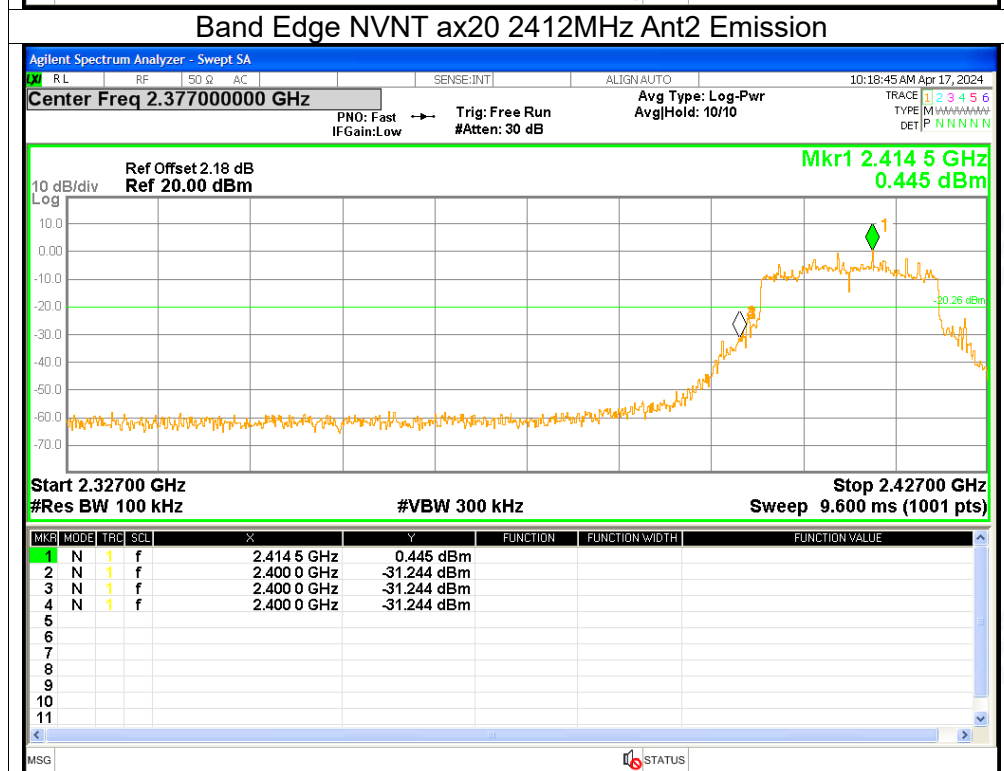
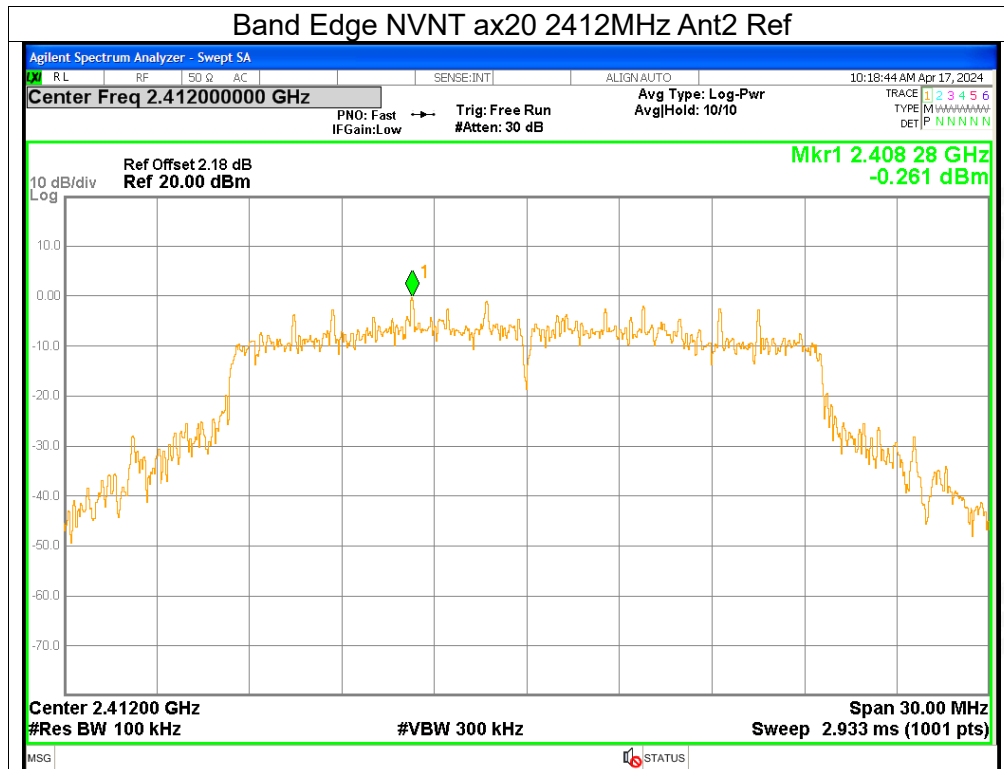


Band Edge NVNT g 2412MHz Ant2 Emission



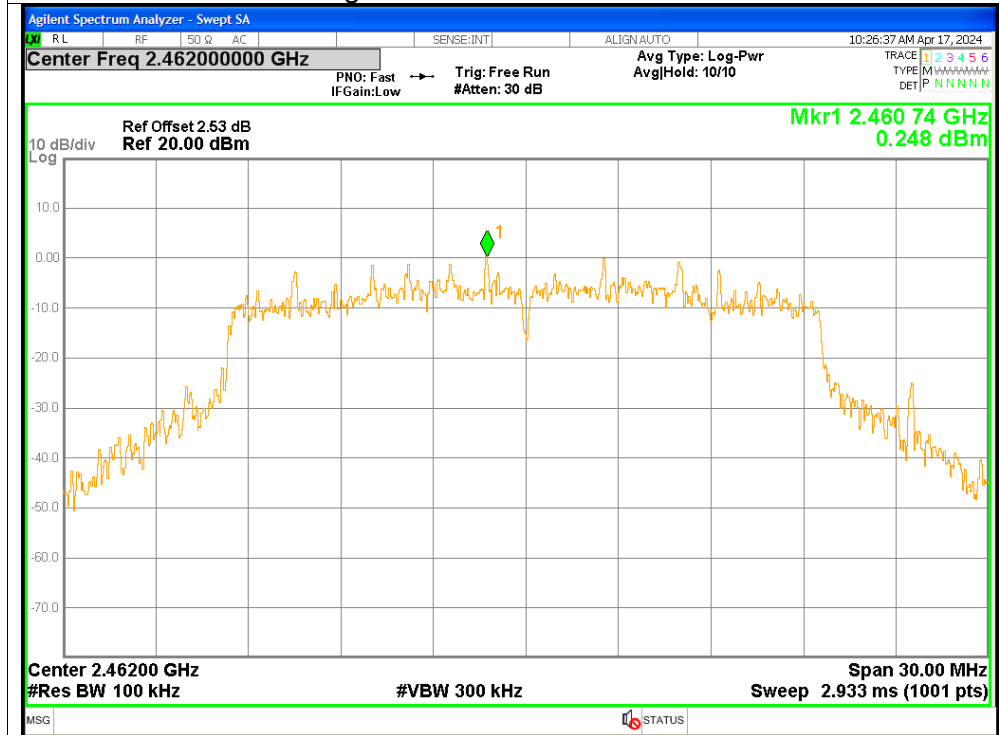




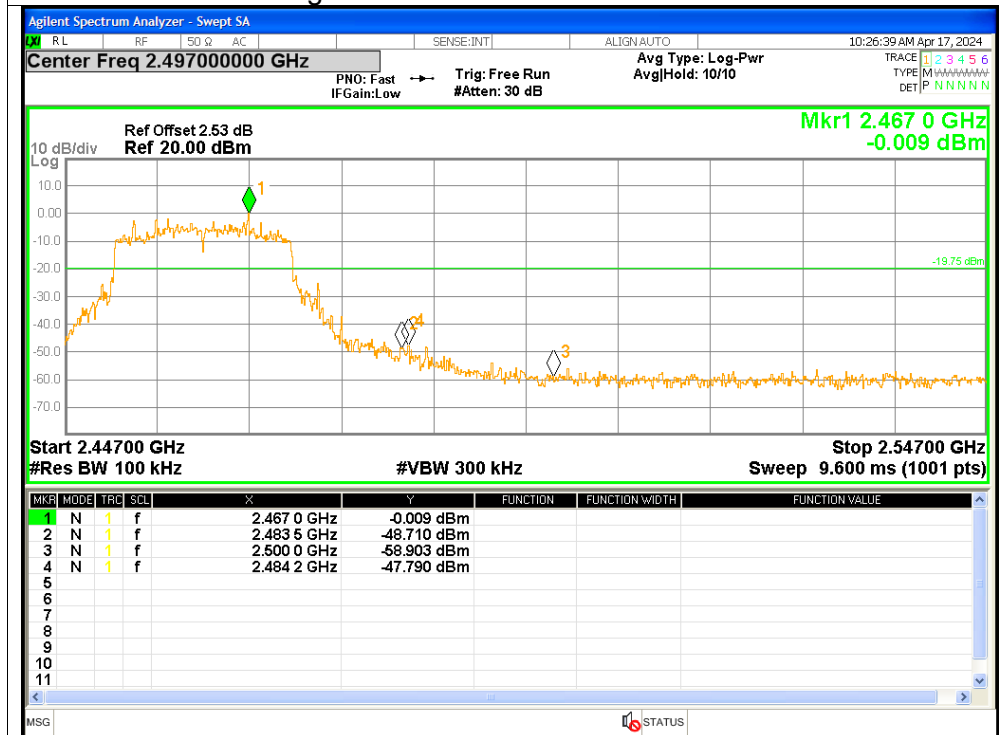


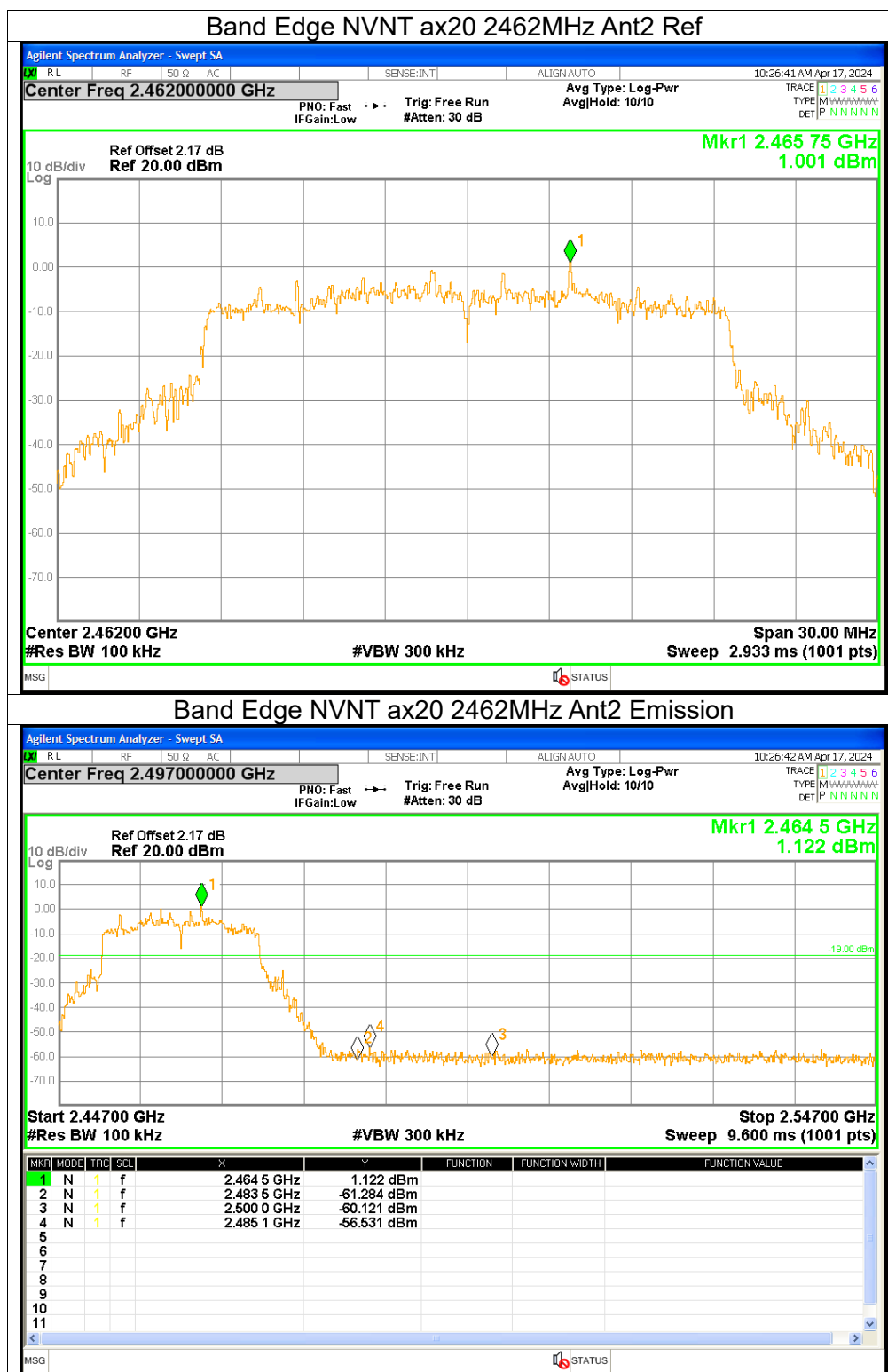


Band Edge NVNT ax20 2462MHz Ant1 Ref

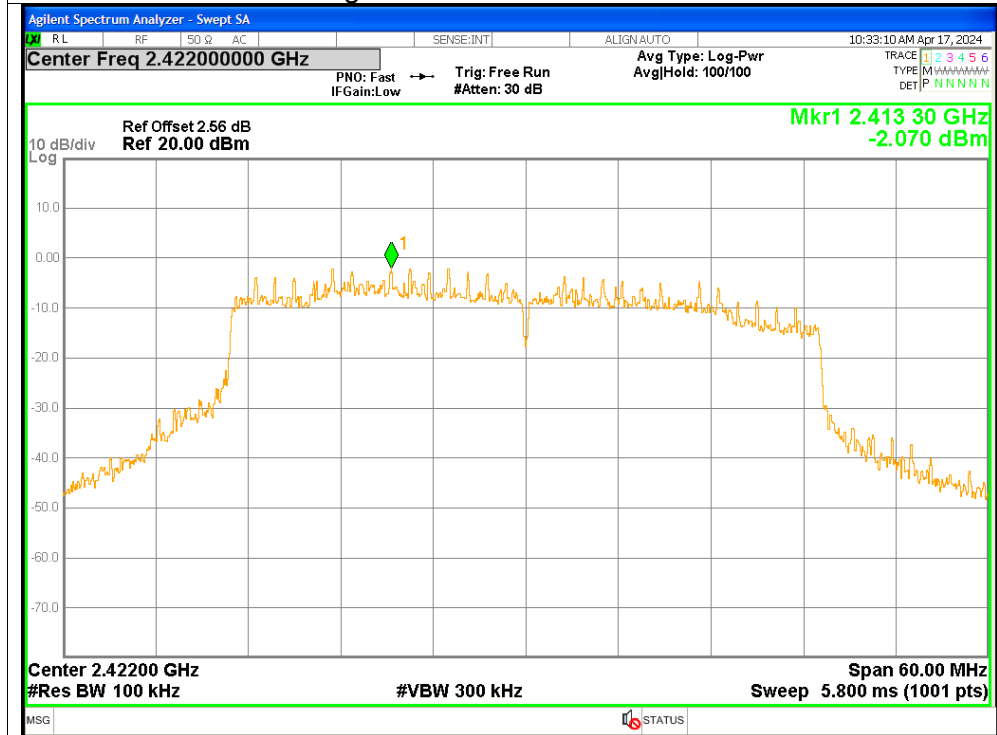


Band Edge NVNT ax20 2462MHz Ant1 Emission

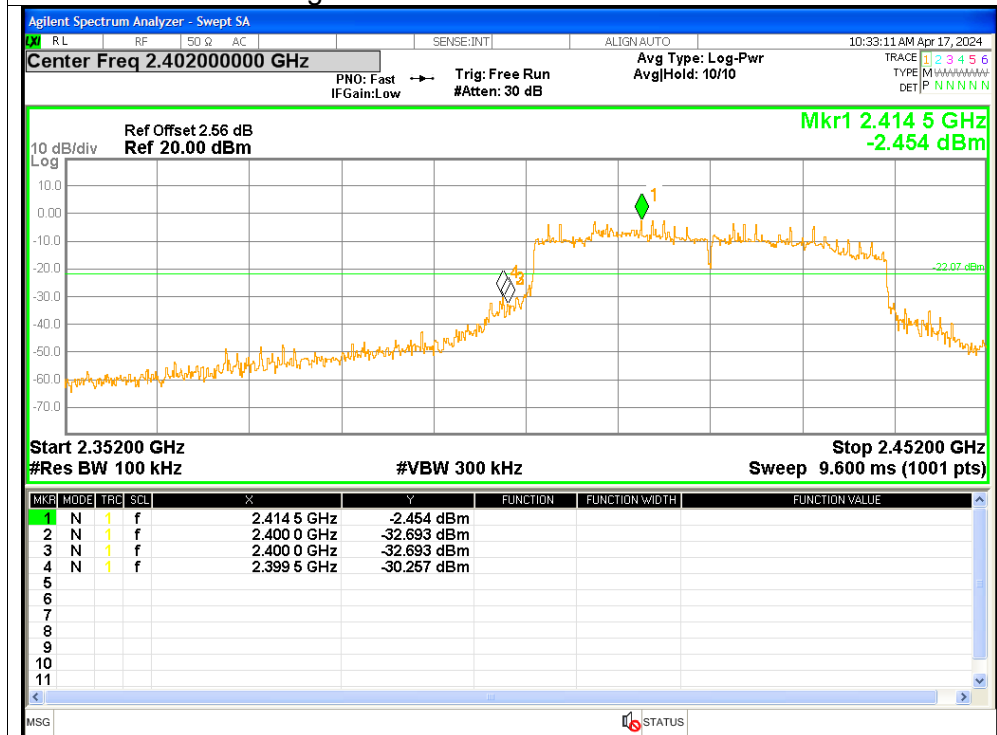


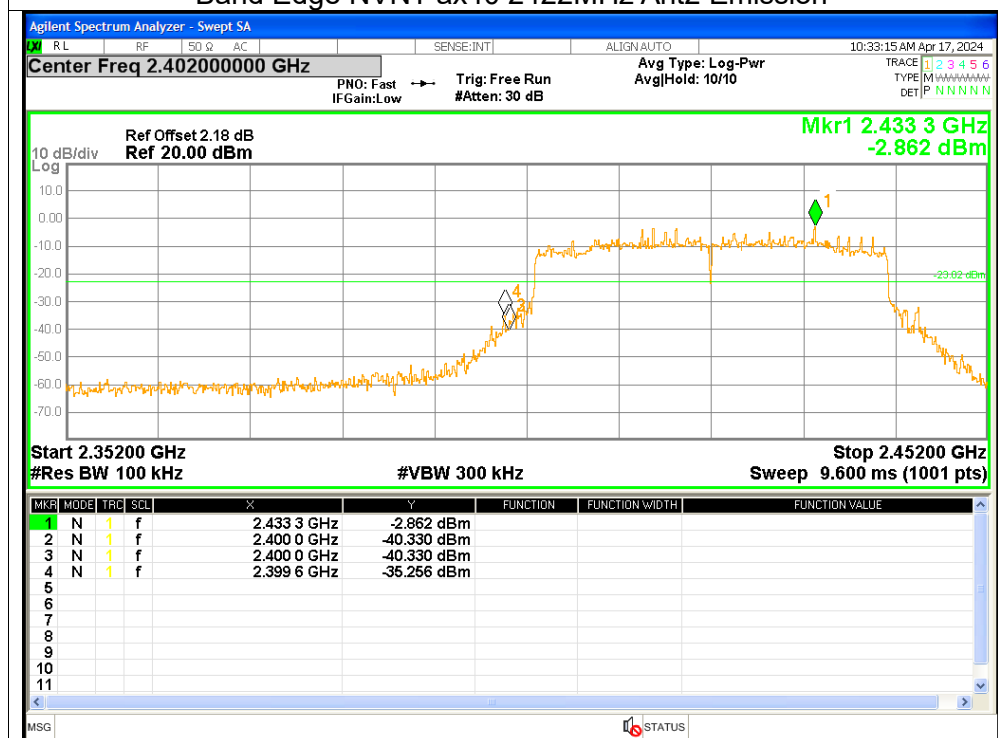
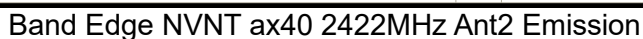


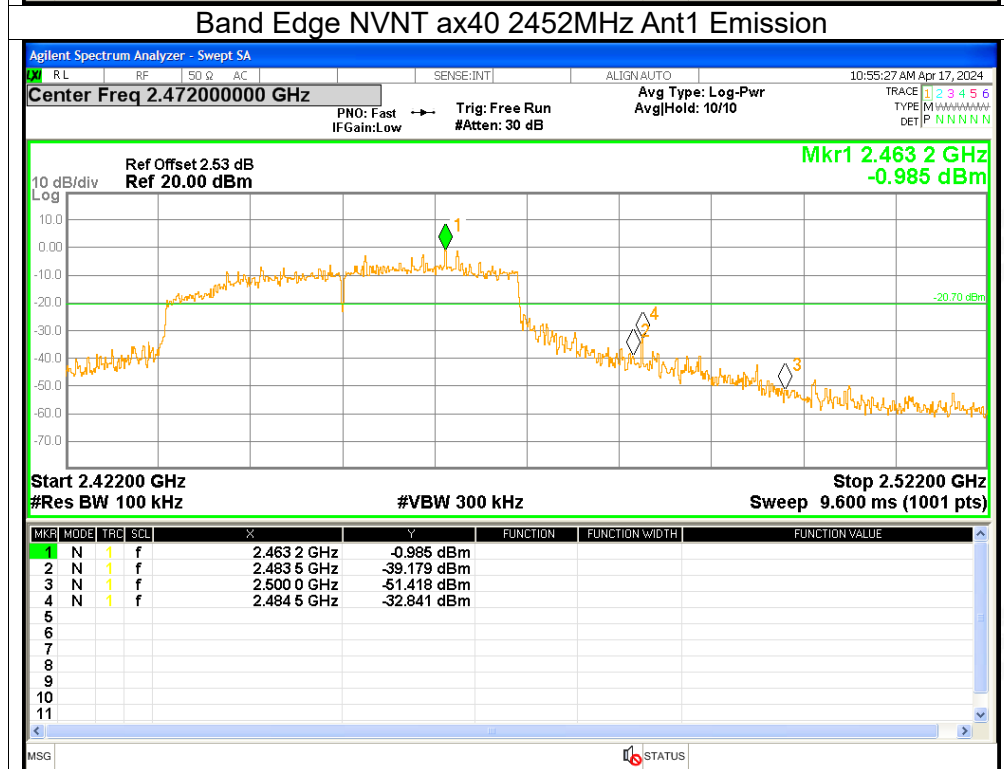
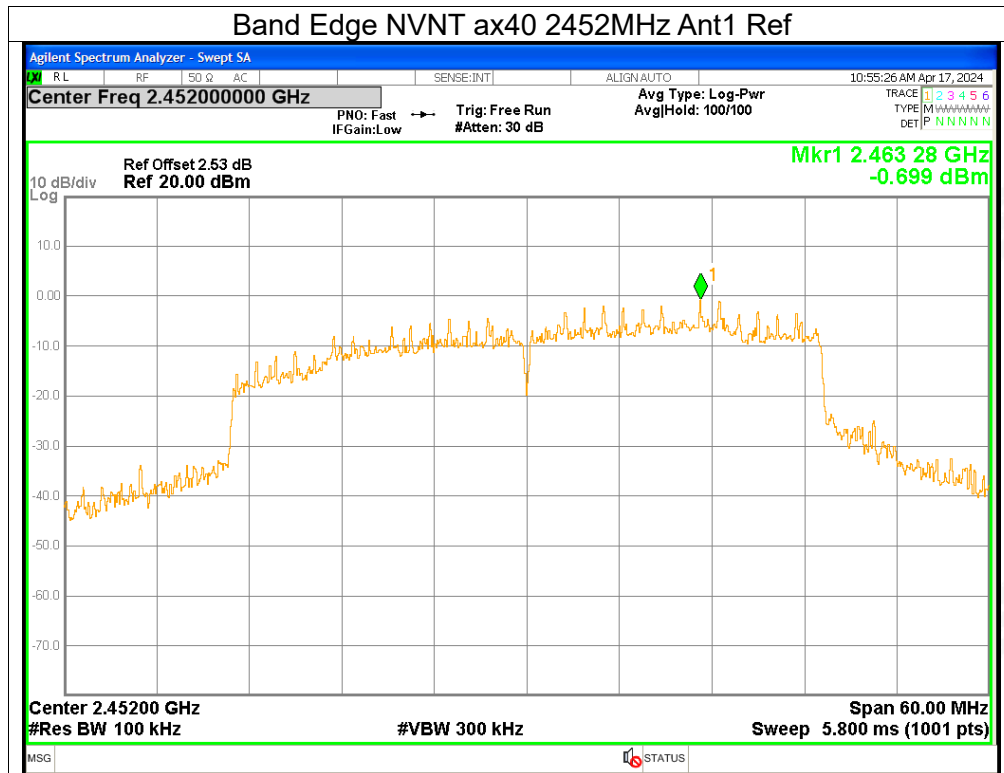
Band Edge NVNT ax40 2422MHz Ant1 Ref

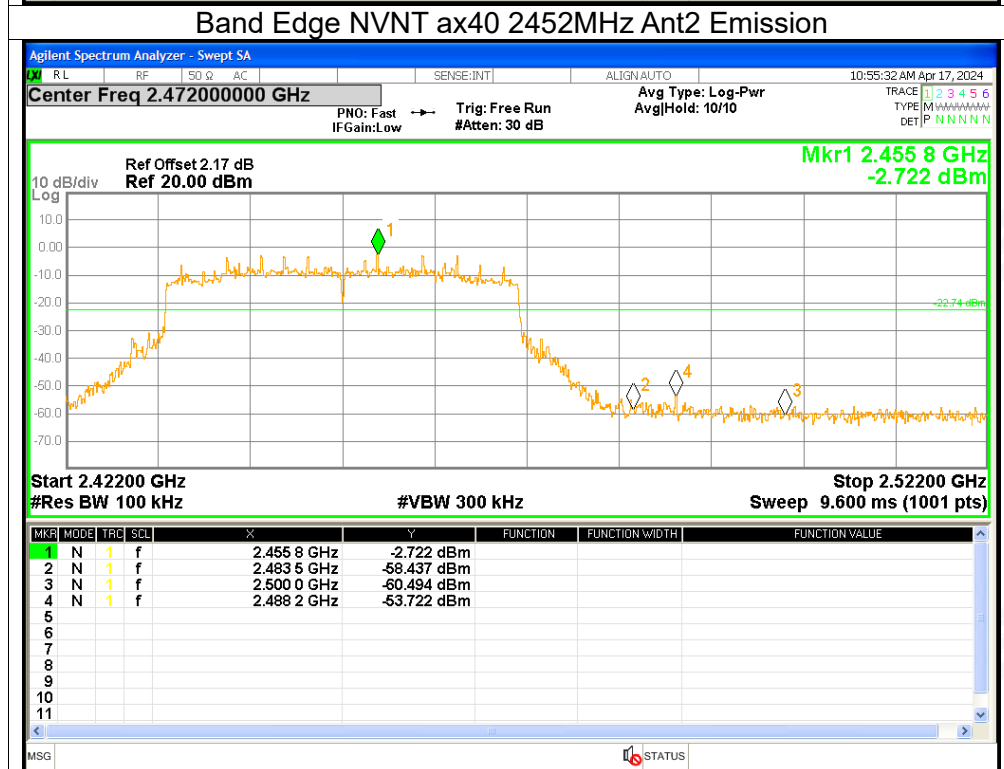
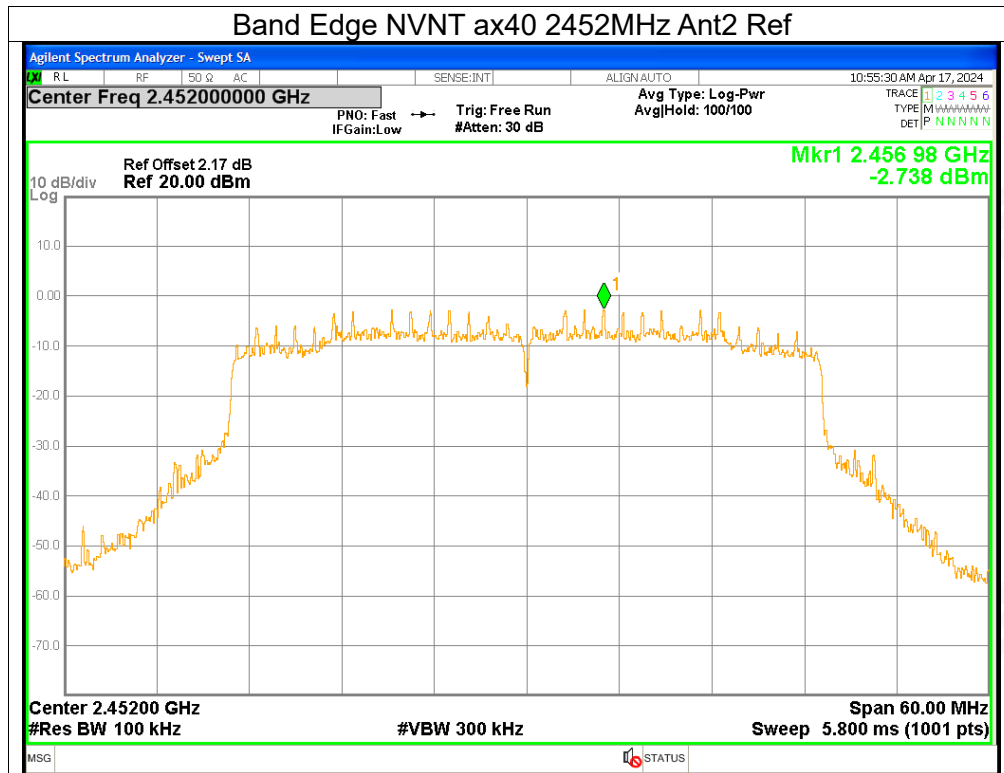


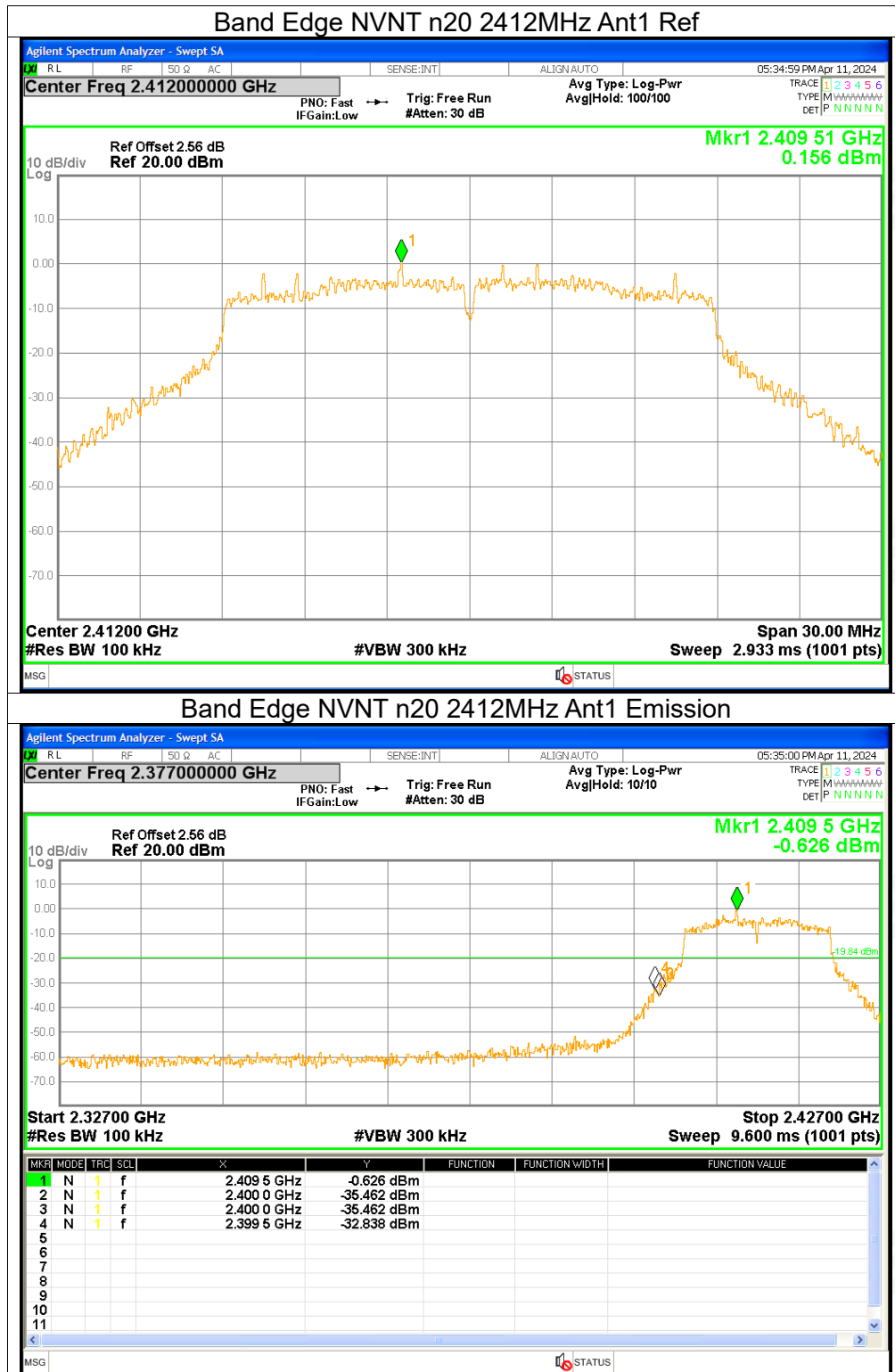
Band Edge NVNT ax40 2422MHz Ant1 Emission

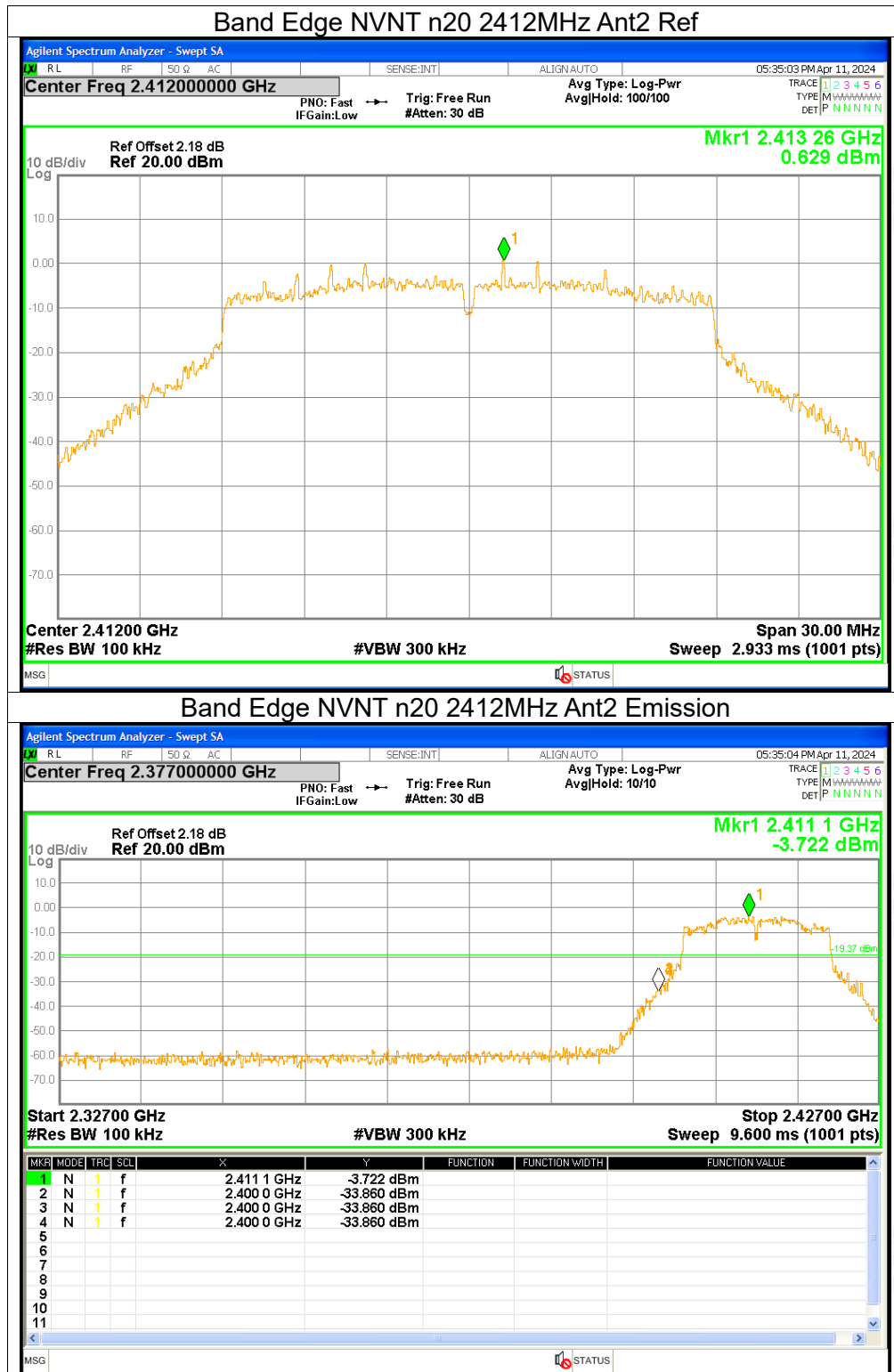






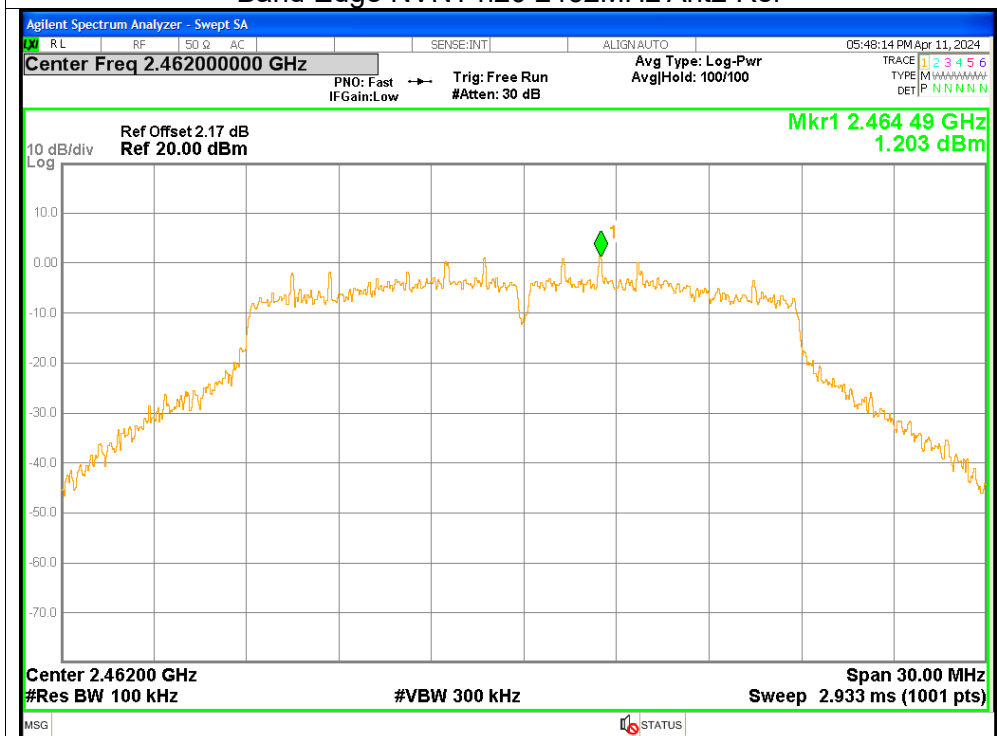




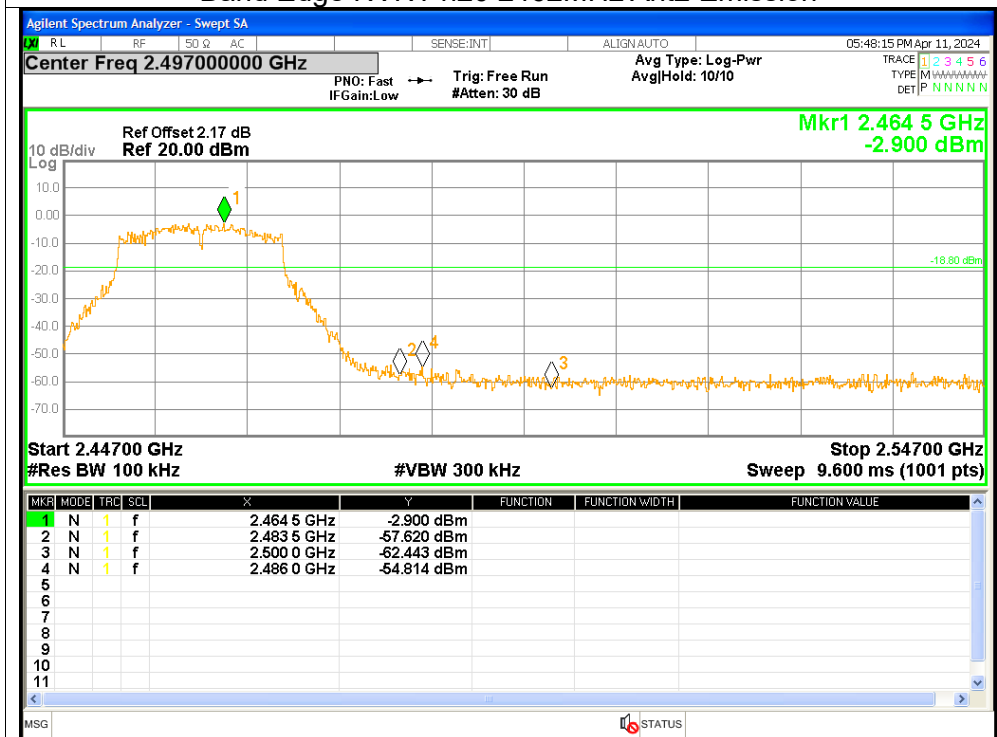




Band Edge NVNT n20 2462MHz Ant2 Ref

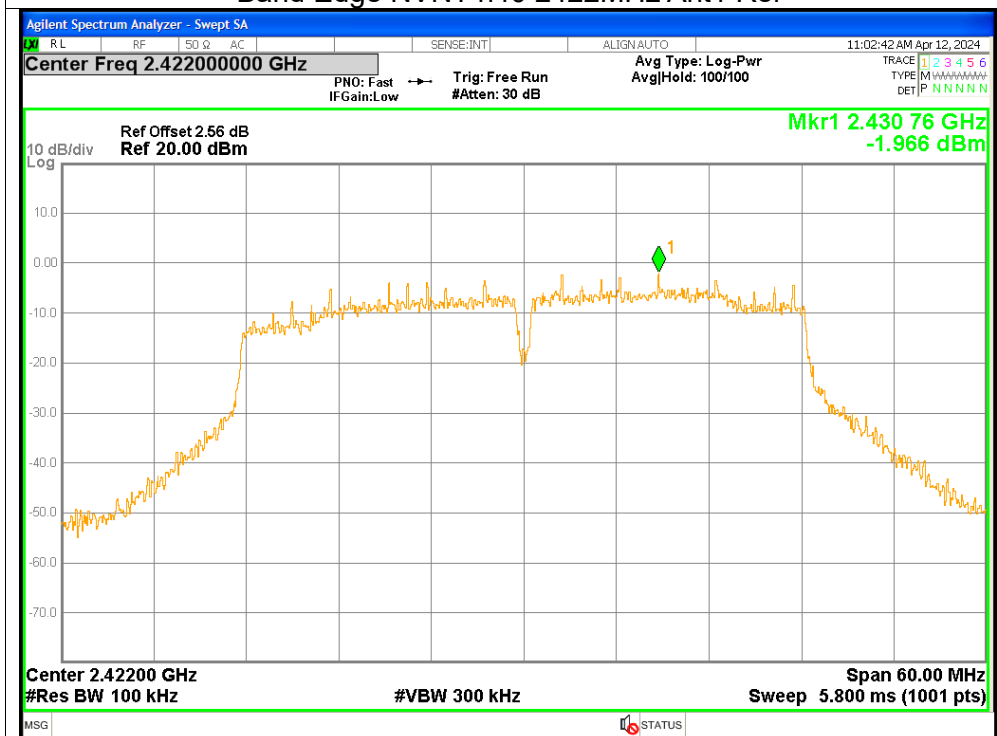


Band Edge NVNT n20 2462MHz Ant2 Emission

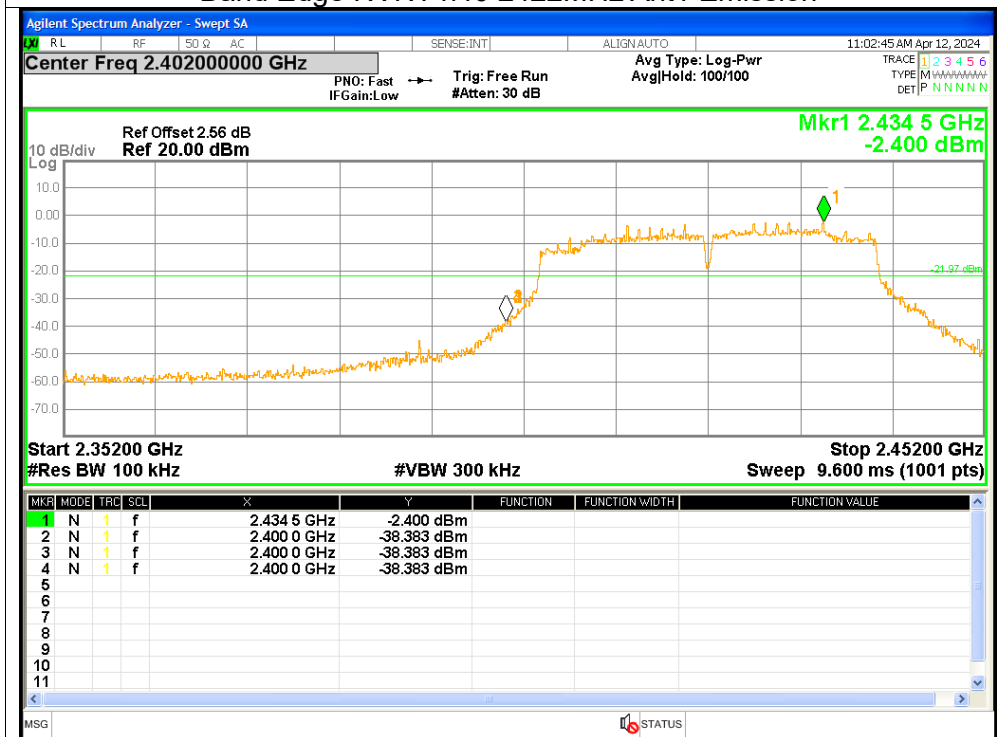




Band Edge NVNT n40 2422MHz Ant1 Ref

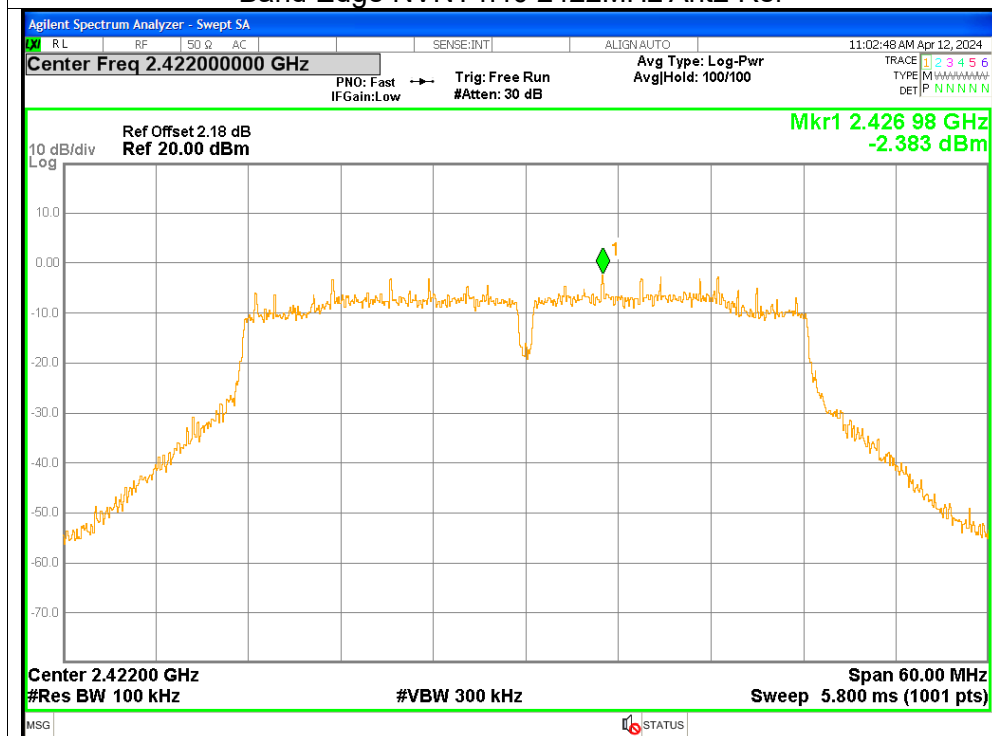


Band Edge NVNT n40 2422MHz Ant1 Emission

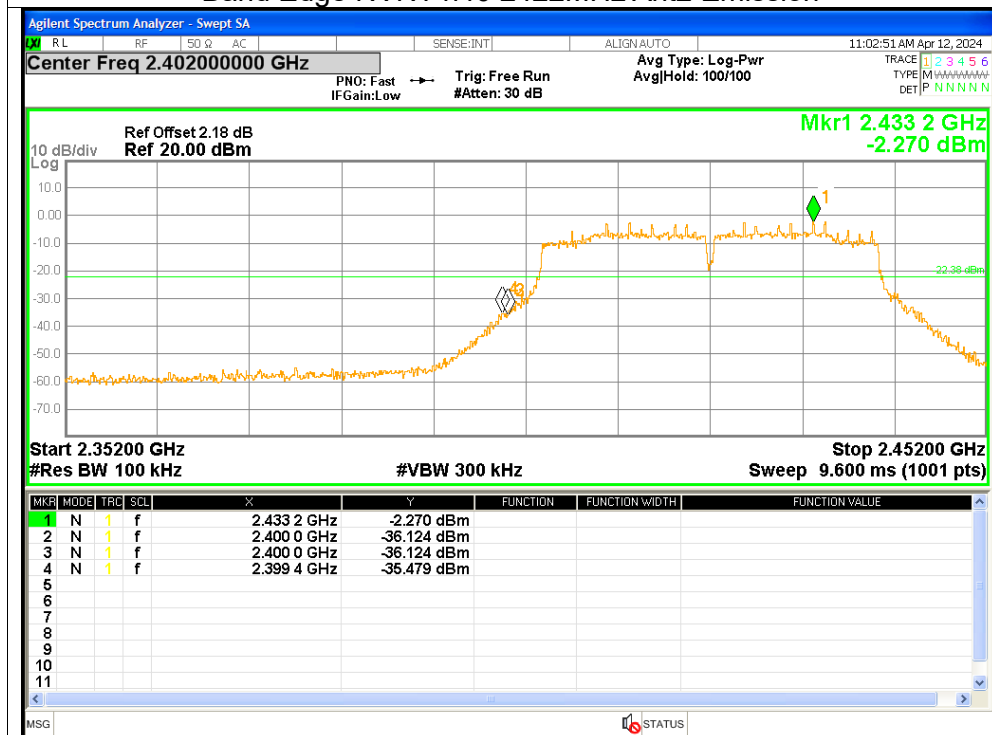


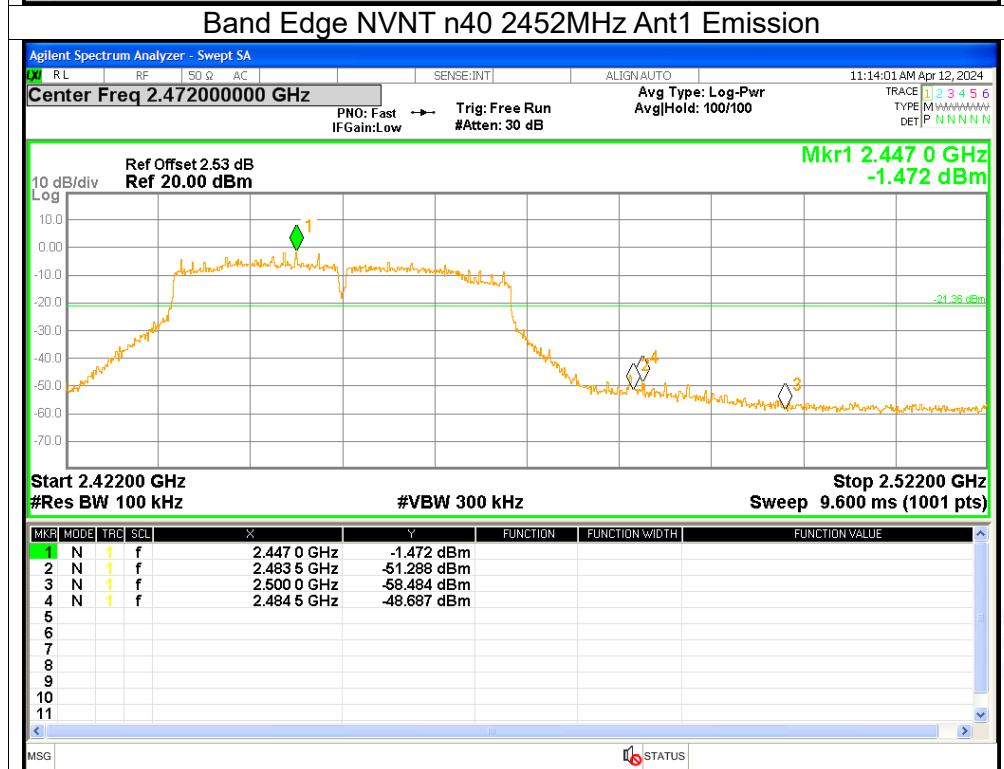
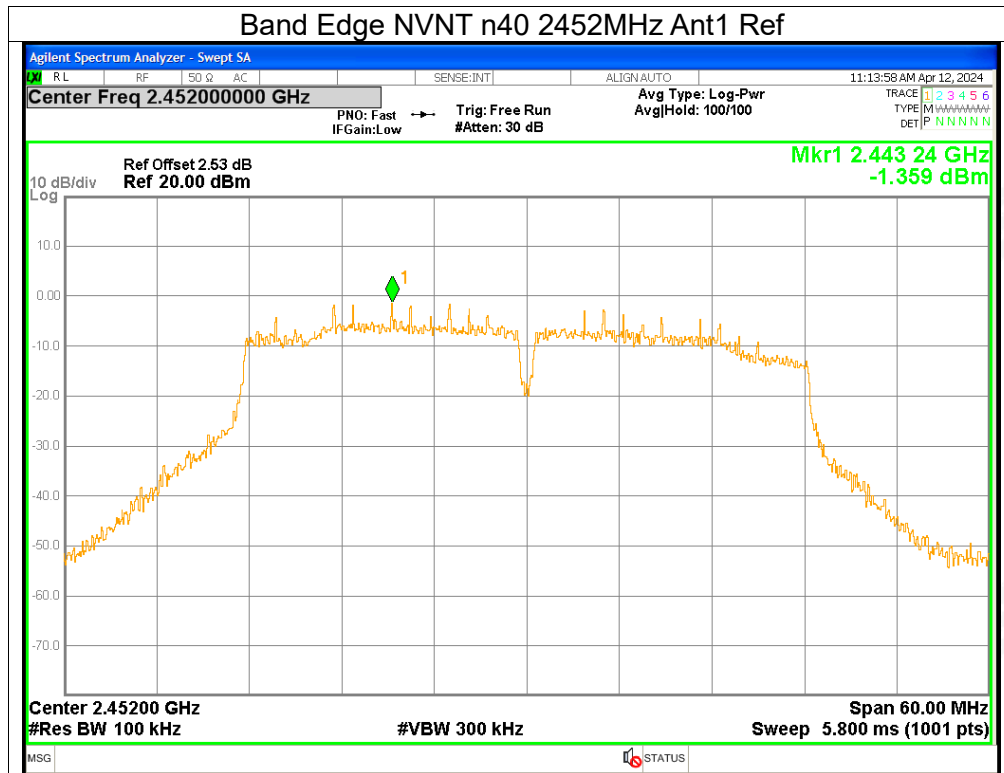


Band Edge NVNT n40 2422MHz Ant2 Ref



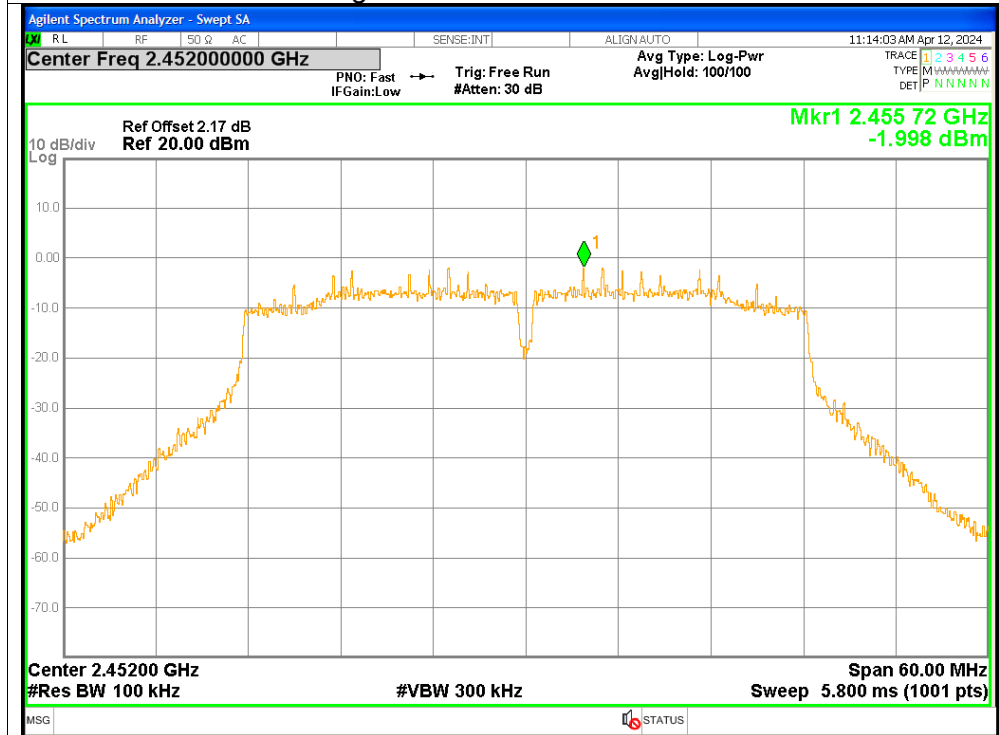
Band Edge NVNT n40 2422MHz Ant2 Emission



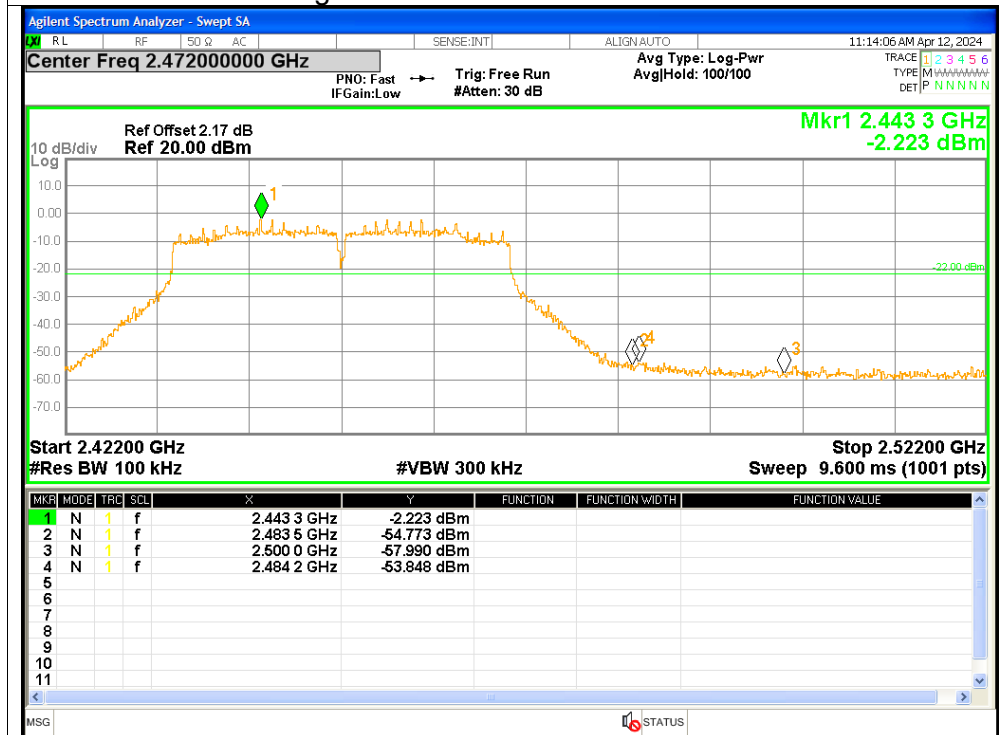




Band Edge NVNT n40 2452MHz Ant2 Ref



Band Edge NVNT n40 2452MHz Ant2 Emission



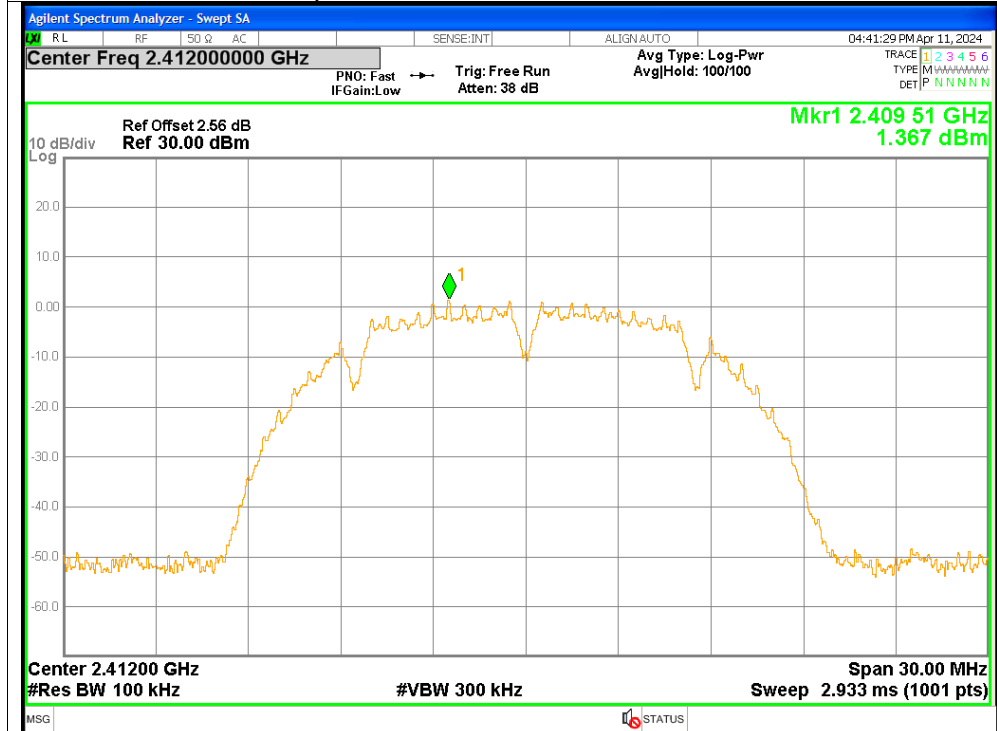
7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-38.59	<=-20	Pass
NVNT	b	2437	Ant1	-39.43	<=-20	Pass
NVNT	b	2462	Ant1	-38.9	<=-20	Pass
NVNT	b	2437	Ant2	-39.09	<=-20	Pass
NVNT	b	2462	Ant2	-39.53	<=-20	Pass
NVNT	g	2412	Ant1	-38.03	<=-20	Pass
NVNT	g	2437	Ant1	-45.88	<=-20	Pass
NVNT	g	2462	Ant1	-46.69	<=-20	Pass
NVNT	g	2412	Ant2	-45.74	<=-20	Pass
NVNT	g	2437	Ant2	-45.82	<=-20	Pass
NVNT	g	2462	Ant2	-46.78	<=-20	Pass
NVNT	ax20	2412	Ant1	-46.62	<=-20	Pass
NVNT	ax20	2412	Ant2	-45.49	<=-20	Pass
NVNT	ax20	2437	Ant1	-46.31	<=-20	Pass
NVNT	ax20	2437	Ant2	-46.58	<=-20	Pass
NVNT	ax20	2462	Ant1	-45.8	<=-20	Pass
NVNT	ax20	2462	Ant2	-45.59	<=-20	Pass
NVNT	ax40	2422	Ant1	-43.81	<=-20	Pass
NVNT	ax40	2422	Ant2	-43.22	<=-20	Pass
NVNT	ax40	2437	Ant1	-44.02	<=-20	Pass
NVNT	ax40	2437	Ant2	-42.39	<=-20	Pass
NVNT	ax40	2452	Ant1	-44.95	<=-20	Pass
NVNT	ax40	2452	Ant2	-42.7	<=-20	Pass
NVNT	n20	2412	Ant1	-45.92	<=-20	Pass
NVNT	n20	2412	Ant2	-46.37	<=-20	Pass
NVNT	n20	2437	Ant1	-46.54	<=-20	Pass
NVNT	n20	2437	Ant2	-46.32	<=-20	Pass
NVNT	n20	2462	Ant1	-45.7	<=-20	Pass
NVNT	n20	2462	Ant2	-47.17	<=-20	Pass
NVNT	n40	2422	Ant1	-43.86	<=-20	Pass
NVNT	n40	2422	Ant2	-43.6	<=-20	Pass
NVNT	n40	2437	Ant1	-43.96	<=-20	Pass
NVNT	n40	2437	Ant2	-43.35	<=-20	Pass
NVNT	n40	2452	Ant1	-43.6	<=-20	Pass
NVNT	n40	2452	Ant2	-43.11	<=-20	Pass

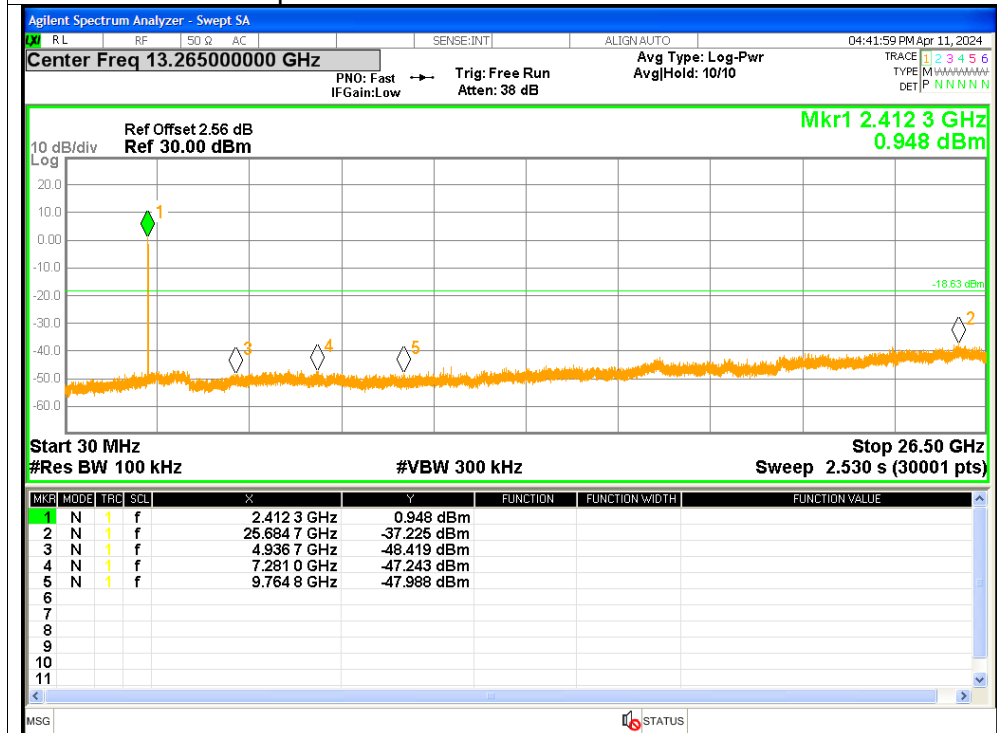


Test Graphs

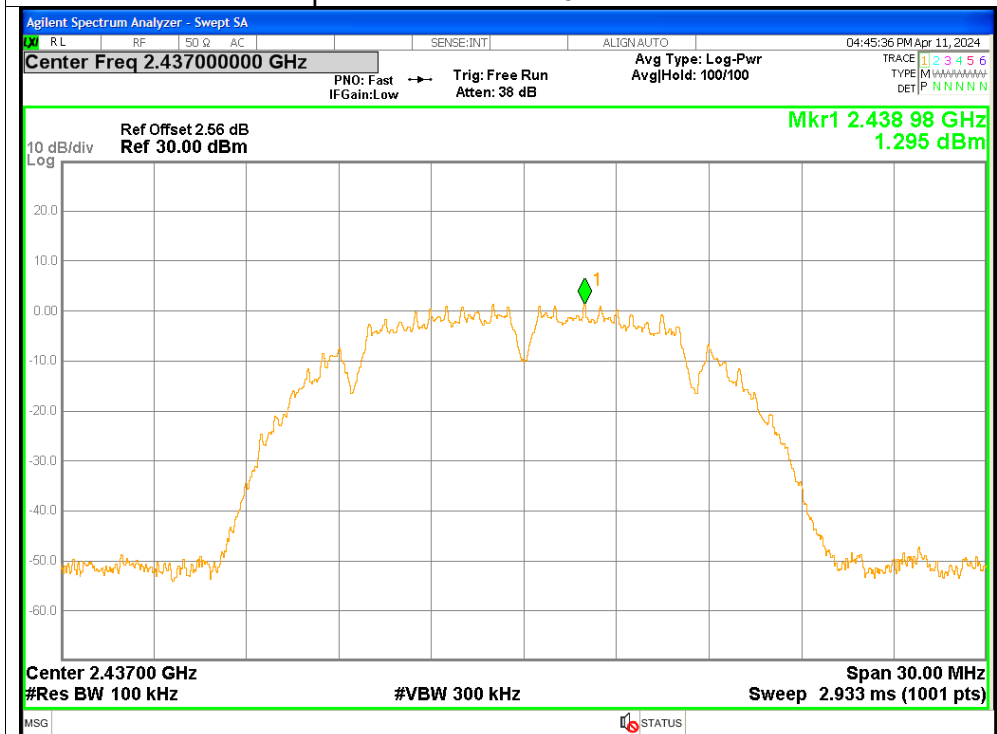
Tx. Spurious NVNT b 2412MHz Ant1 Ref



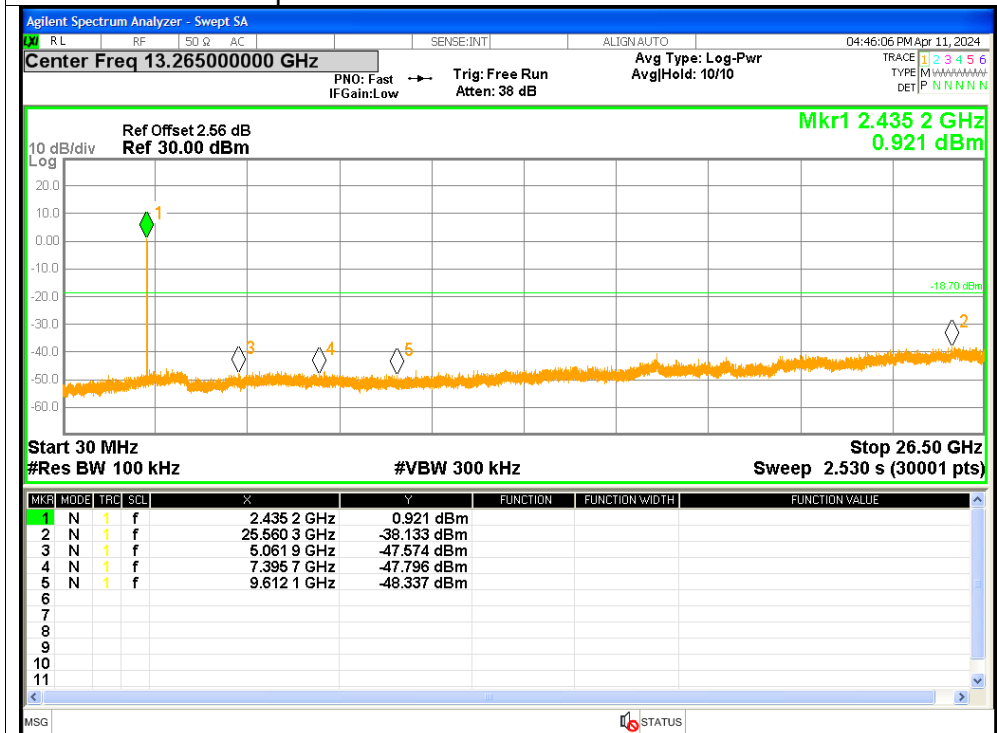
Tx. Spurious NVNT b 2412MHz Ant1 Emission

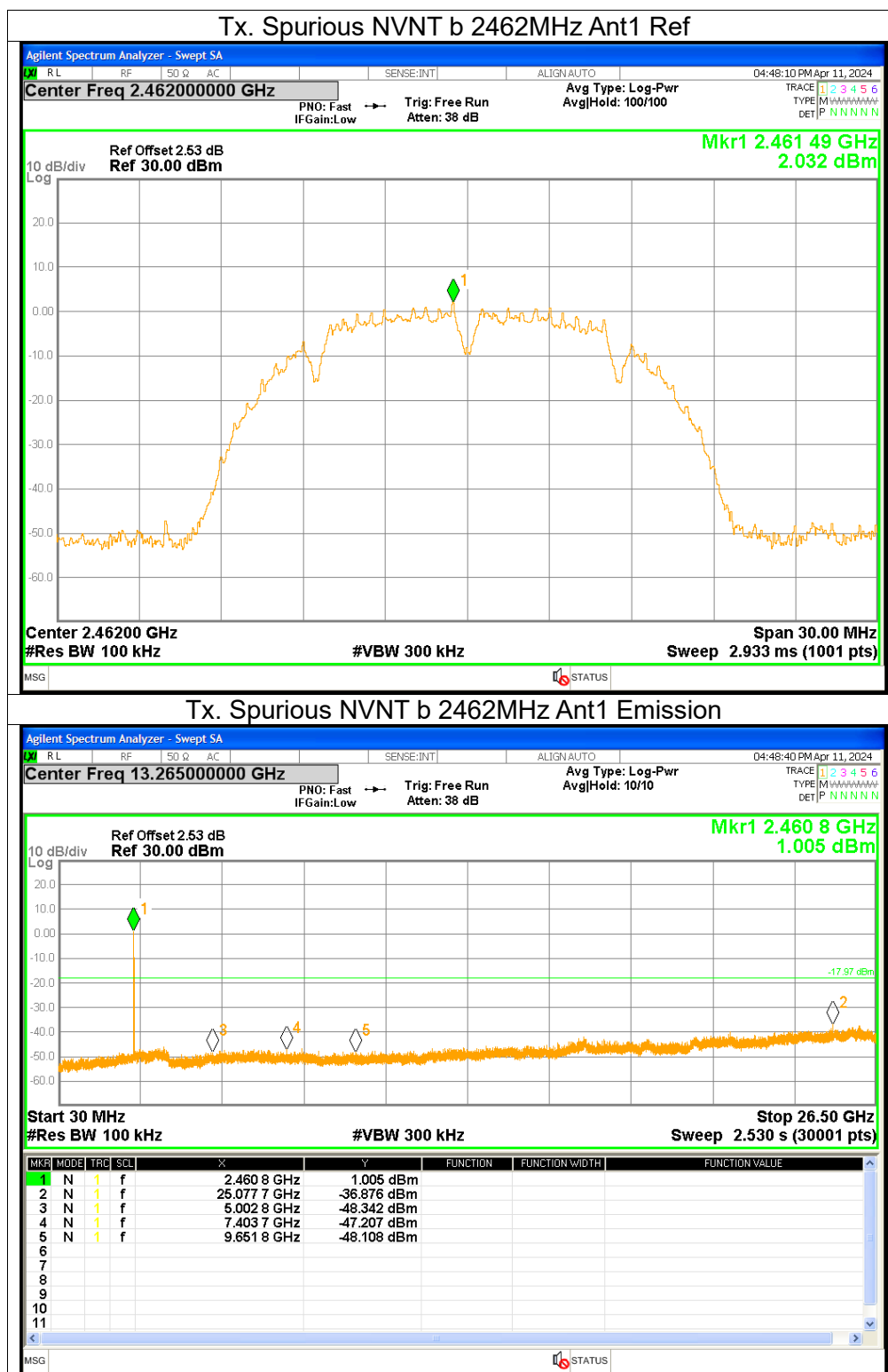


Tx. Spurious NVNT b 2437MHz Ant1 Ref



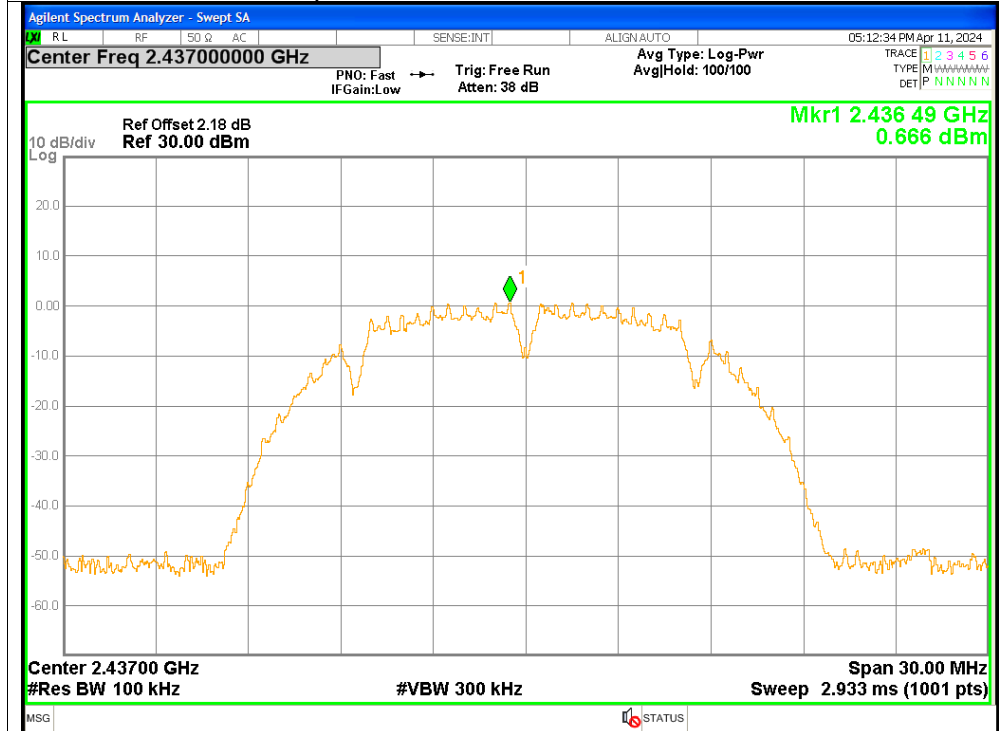
Tx. Spurious NVNT b 2437MHz Ant1 Emission



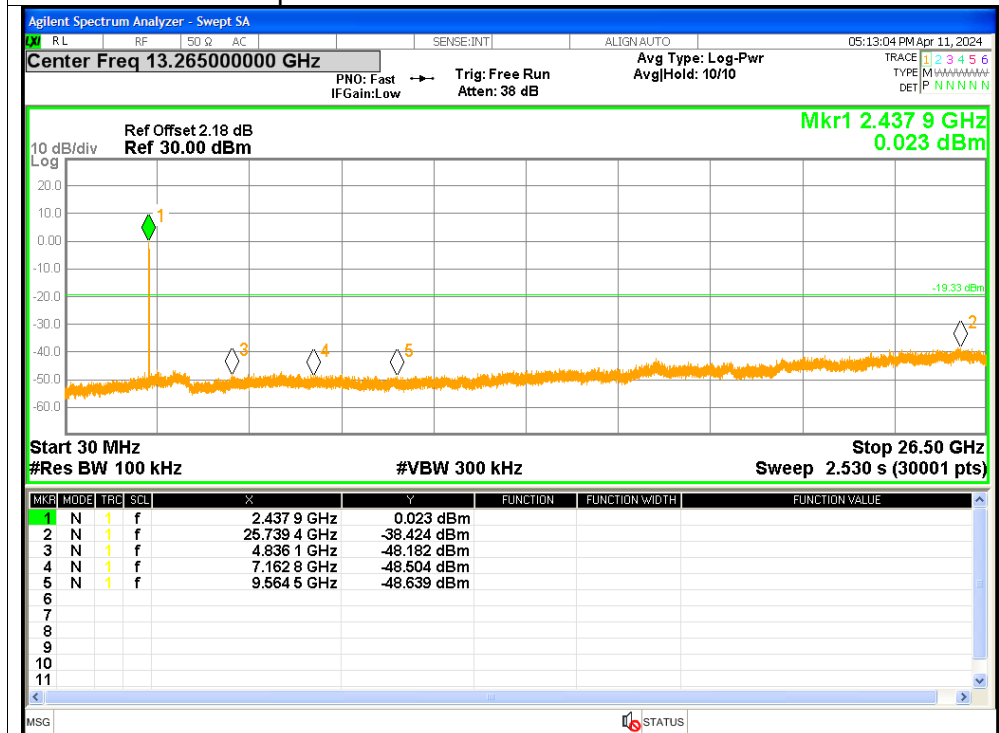




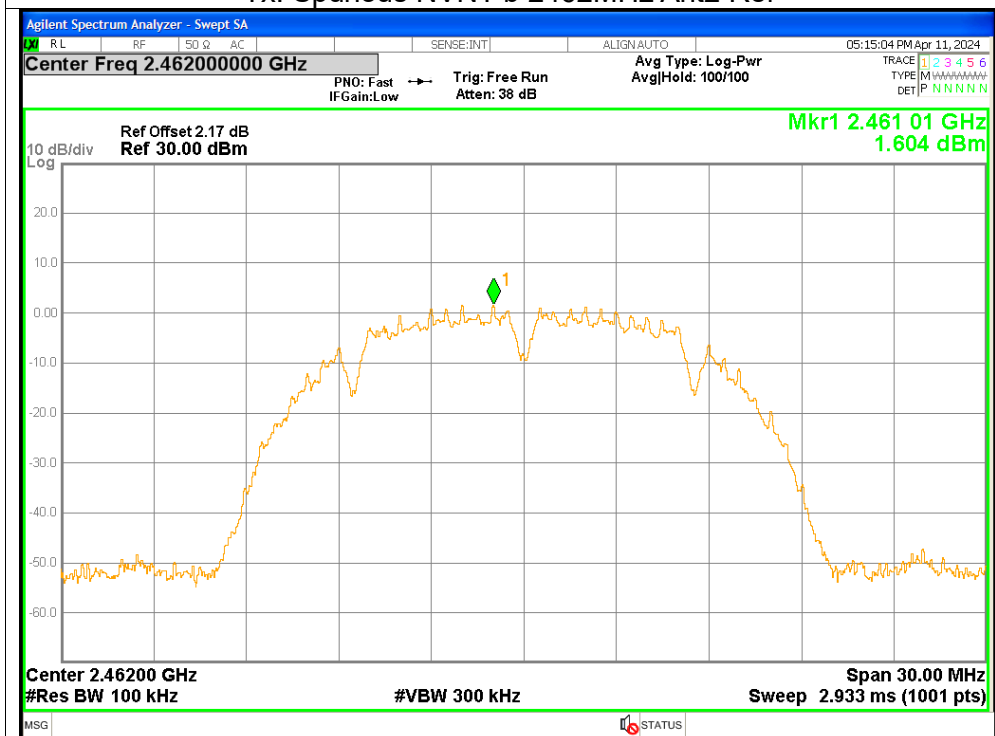
Tx. Spurious NVNT b 2437MHz Ant2 Ref



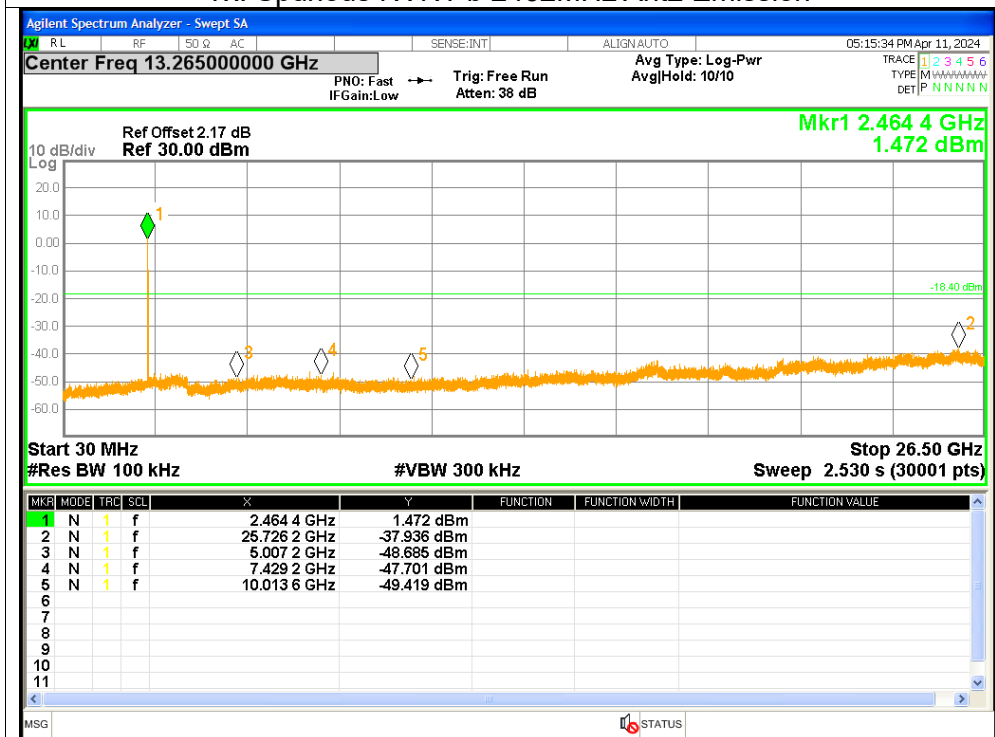
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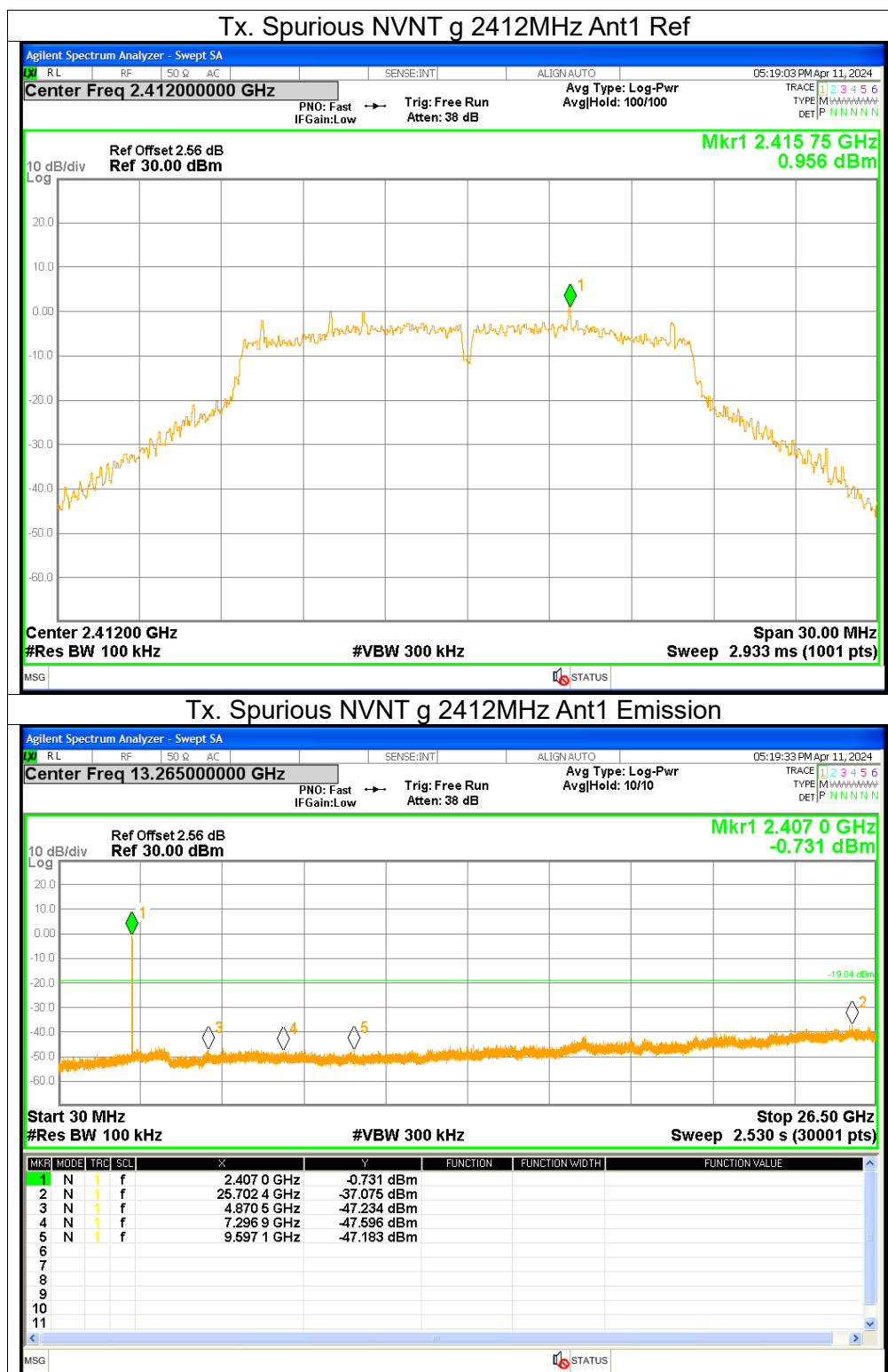


Tx. Spurious NVNT b 2462MHz Ant2 Ref

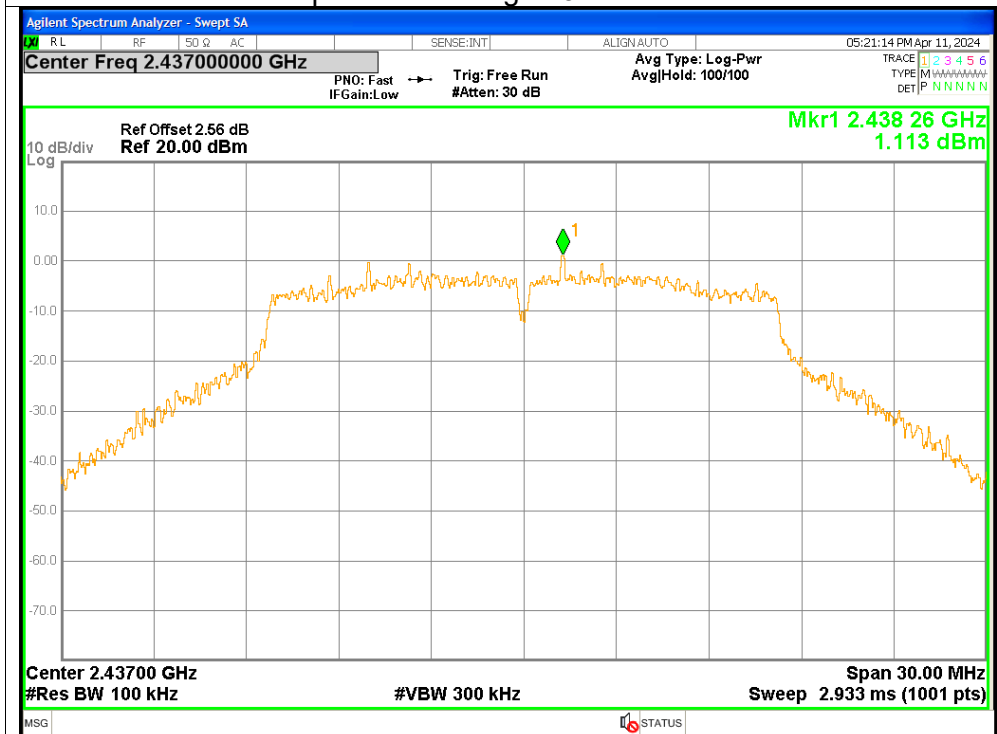


Tx. Spurious NVNT b 2462MHz Ant2 Emission

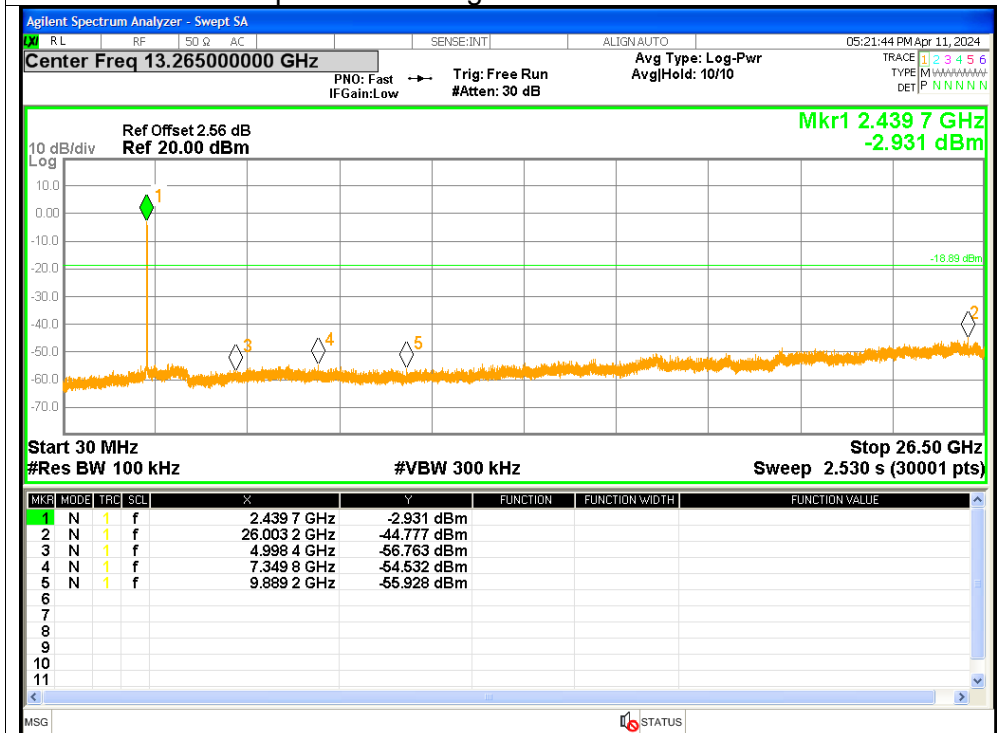


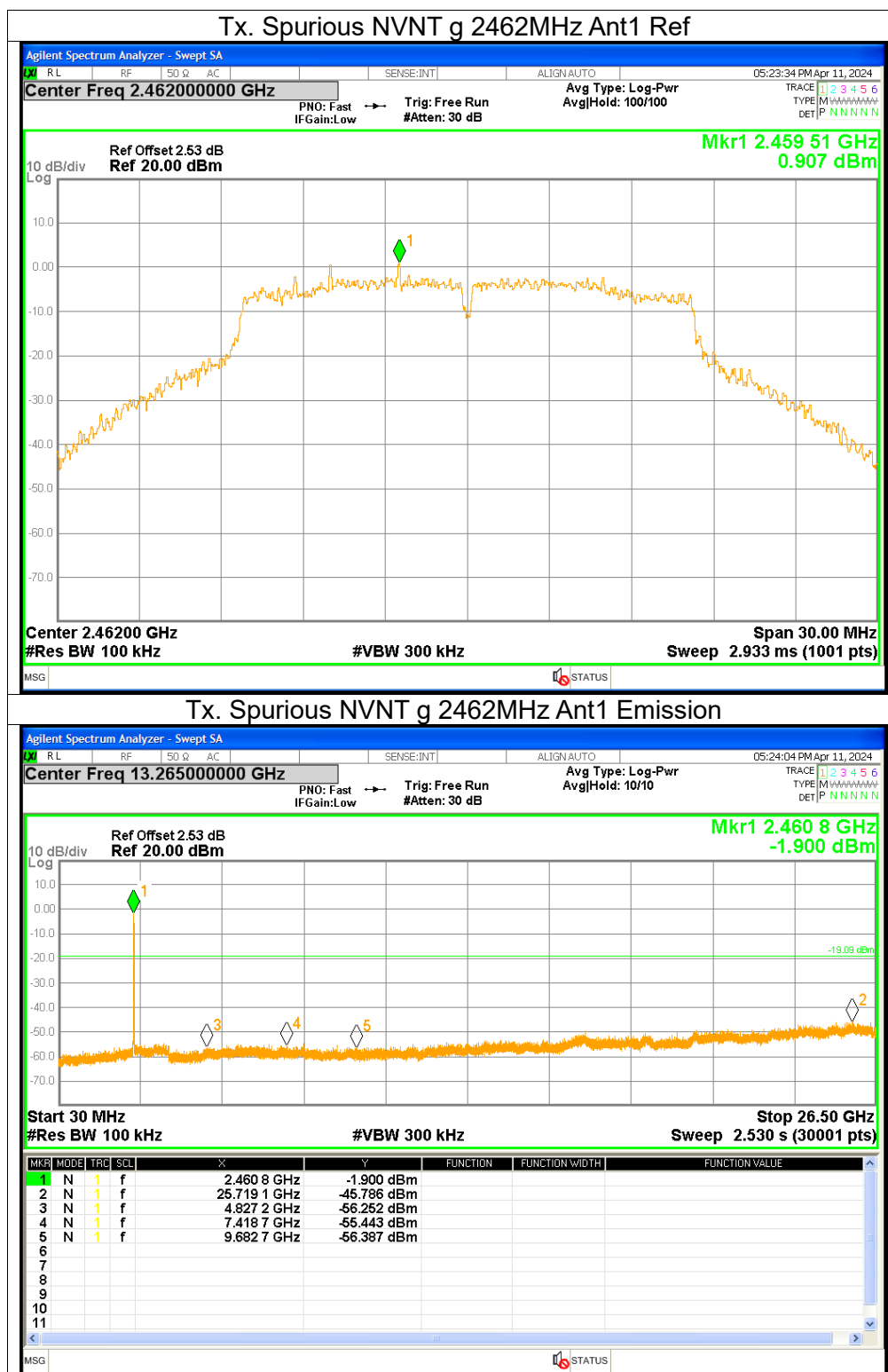


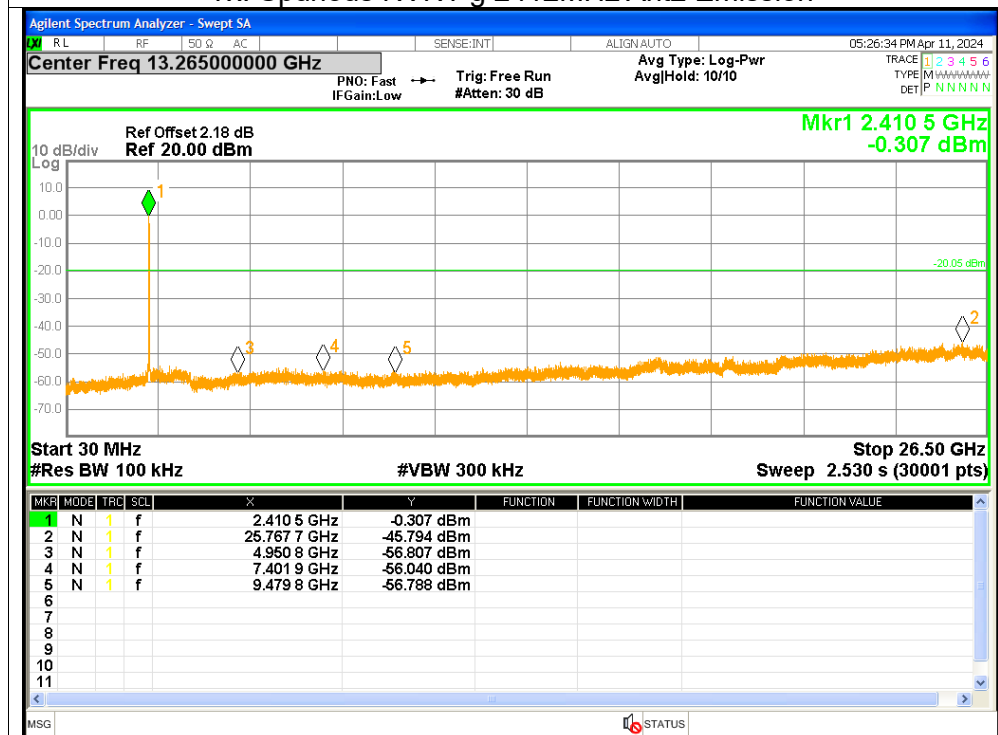
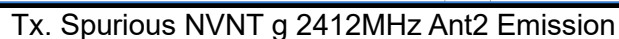
Tx. Spurious NVNT g 2437MHz Ant1 Ref



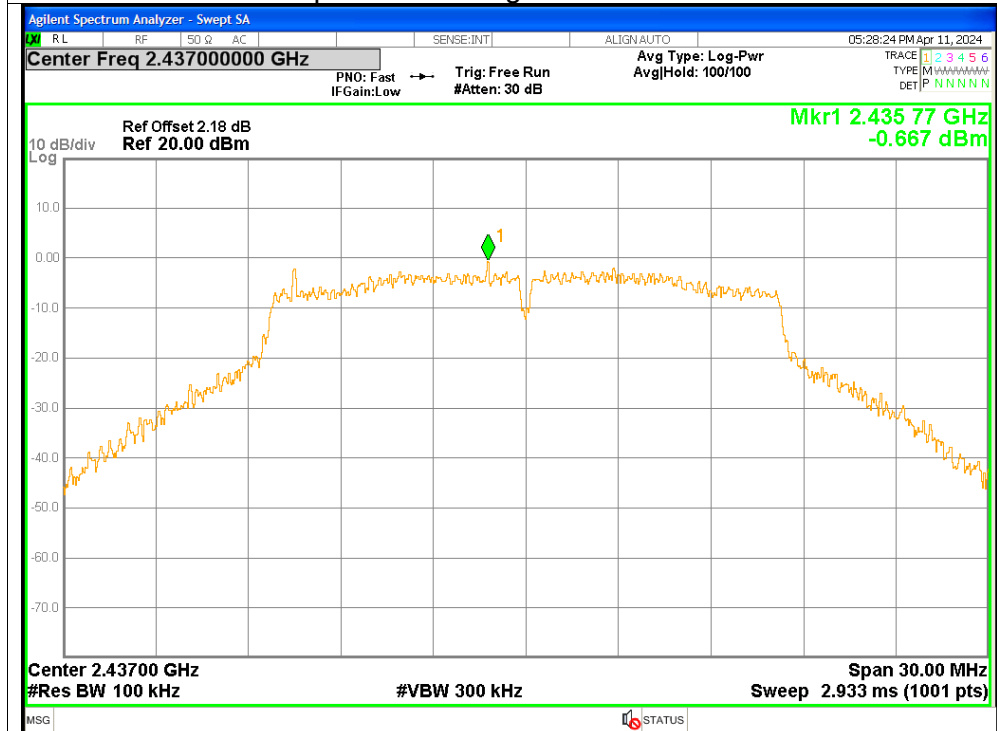
Tx. Spurious NVNT g 2437MHz Ant1 Emission



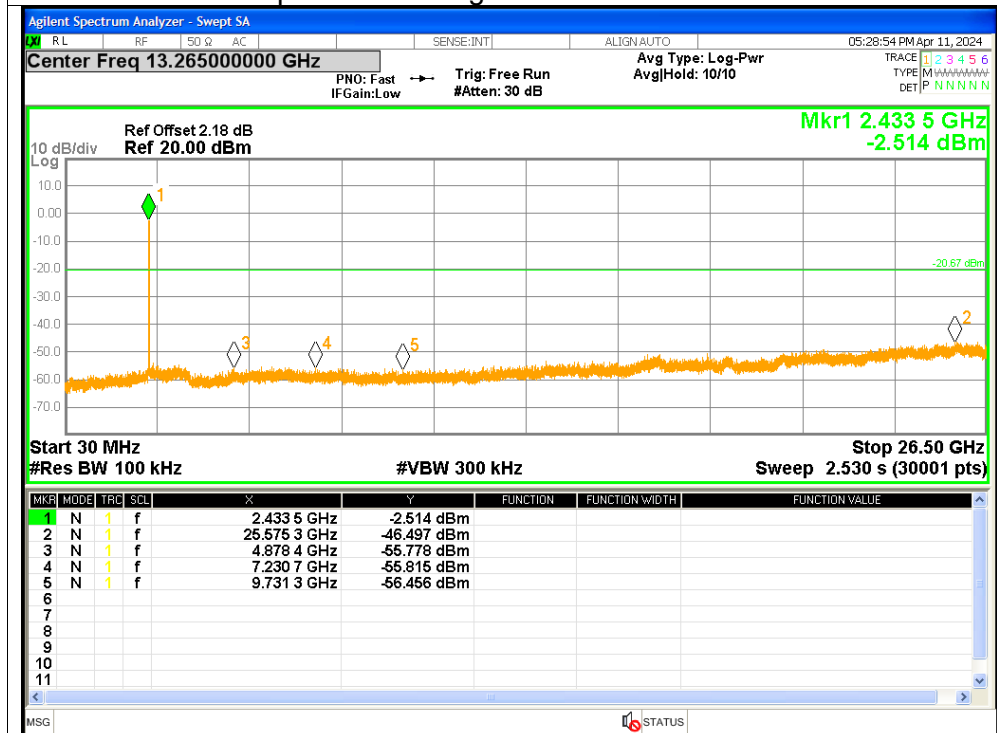




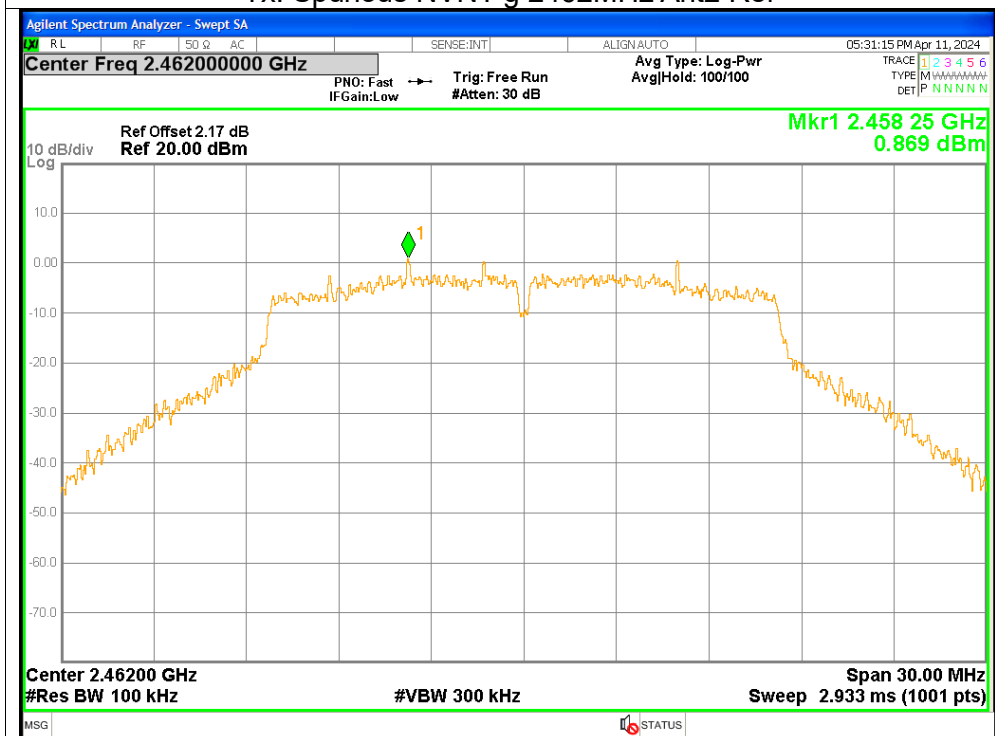
Tx. Spurious NVNT g 2437MHz Ant2 Ref



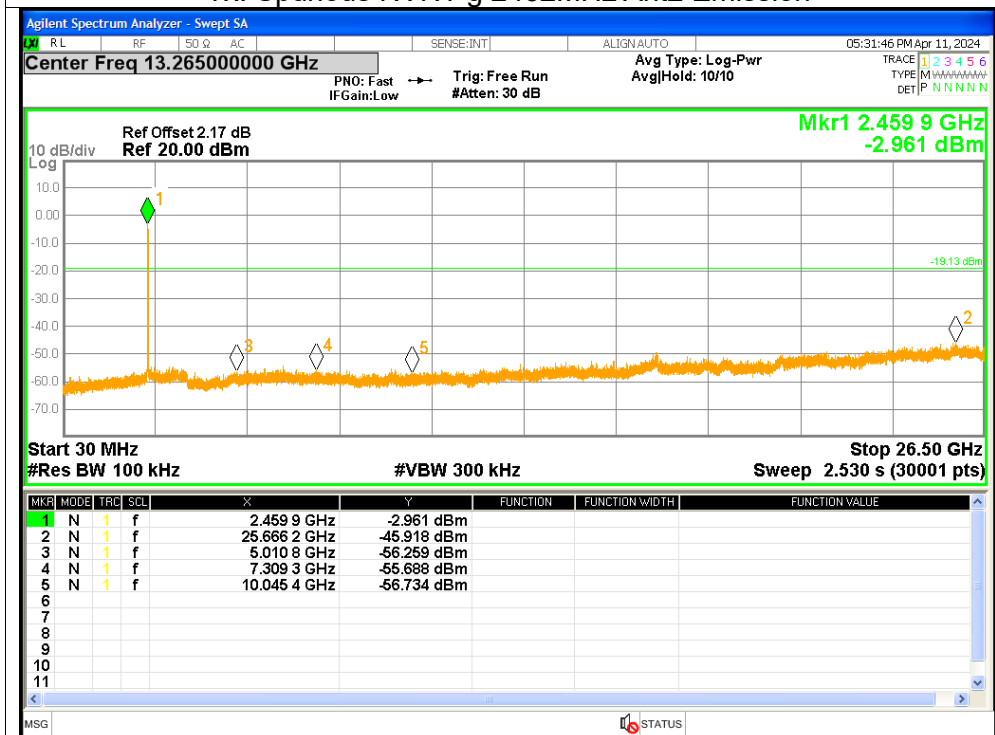
Tx. Spurious NVNT g 2437MHz Ant2 Emission



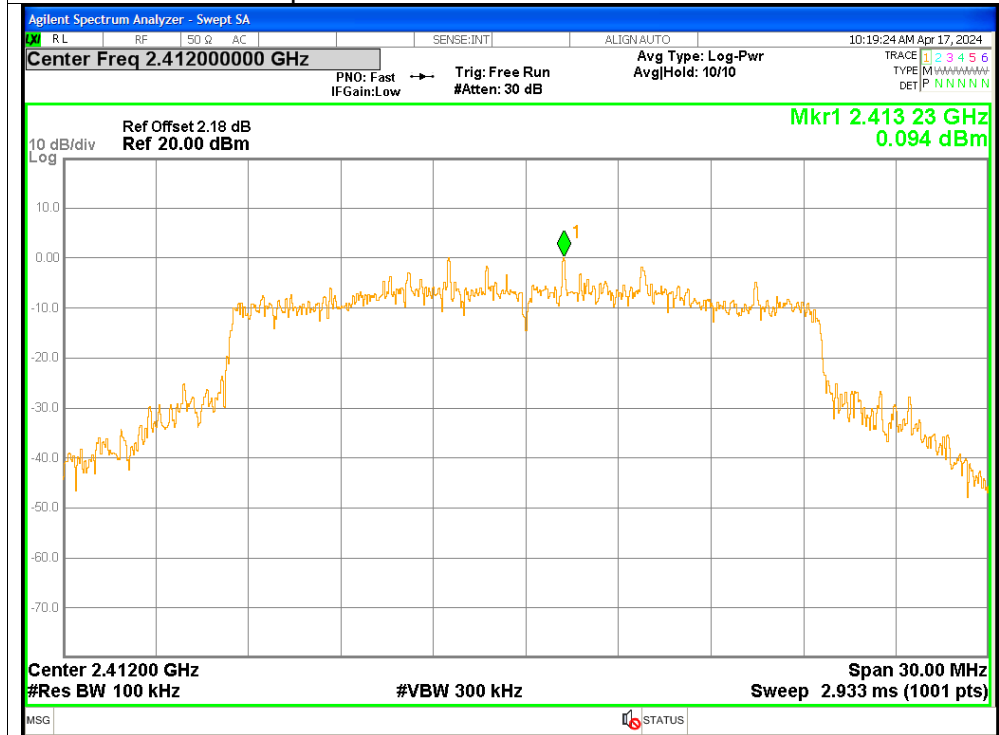
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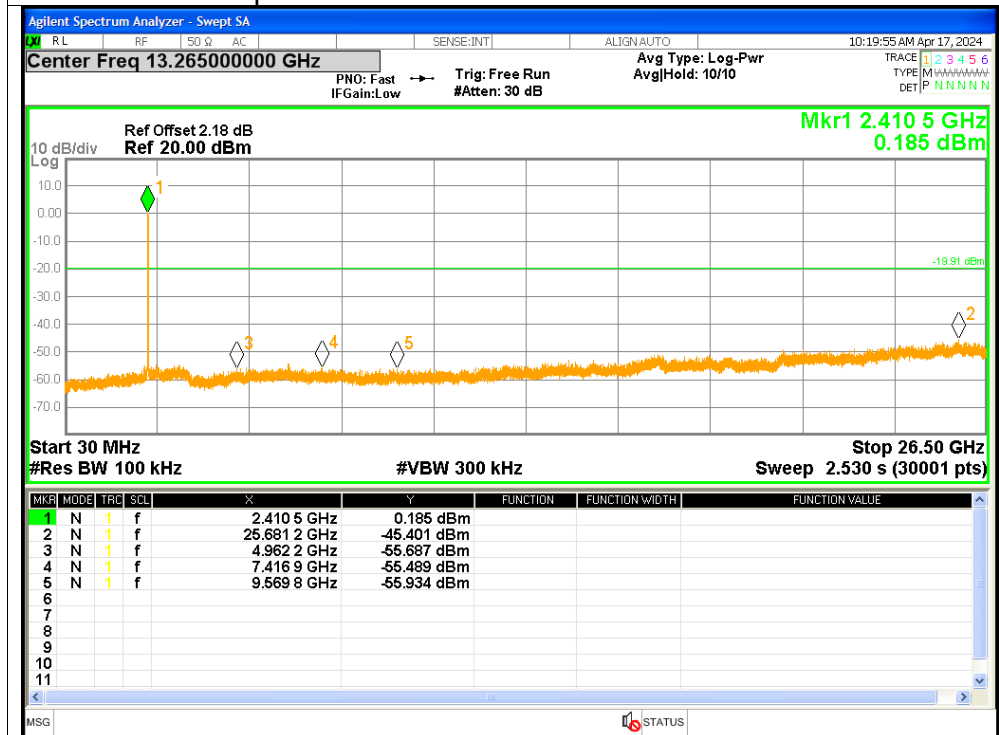
Tx. Spurious NVNT g 2462MHz Ant2 Emission



Tx. Spurious NVNT ax20 2412MHz Ant2 Ref

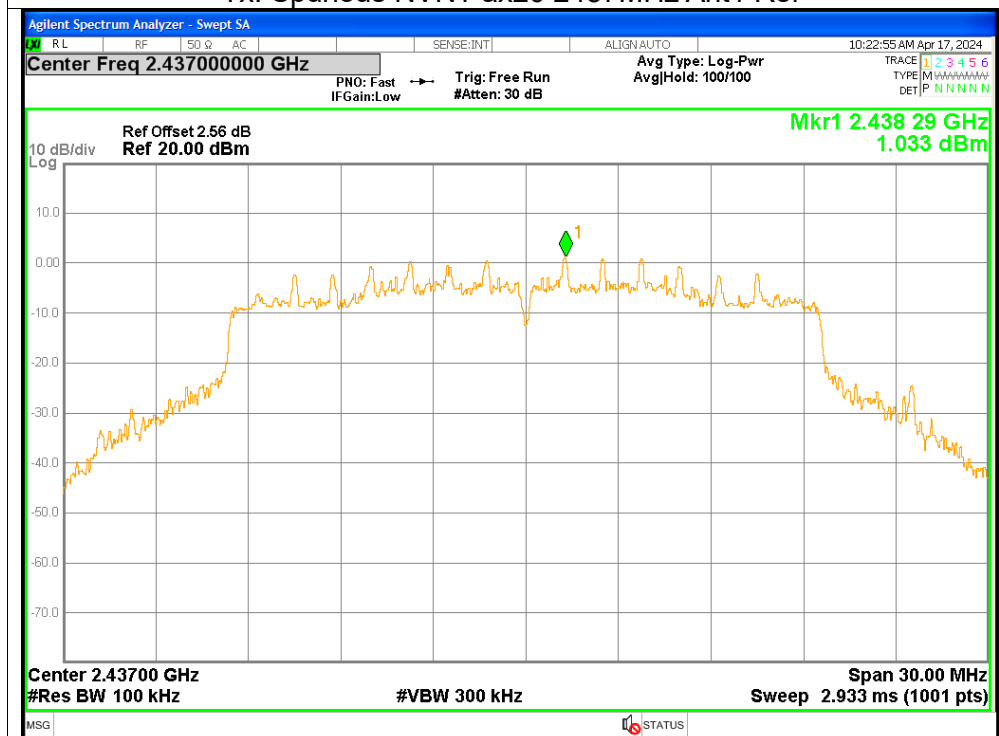


Tx. Spurious NVNT ax20 2412MHz Ant2 Emission

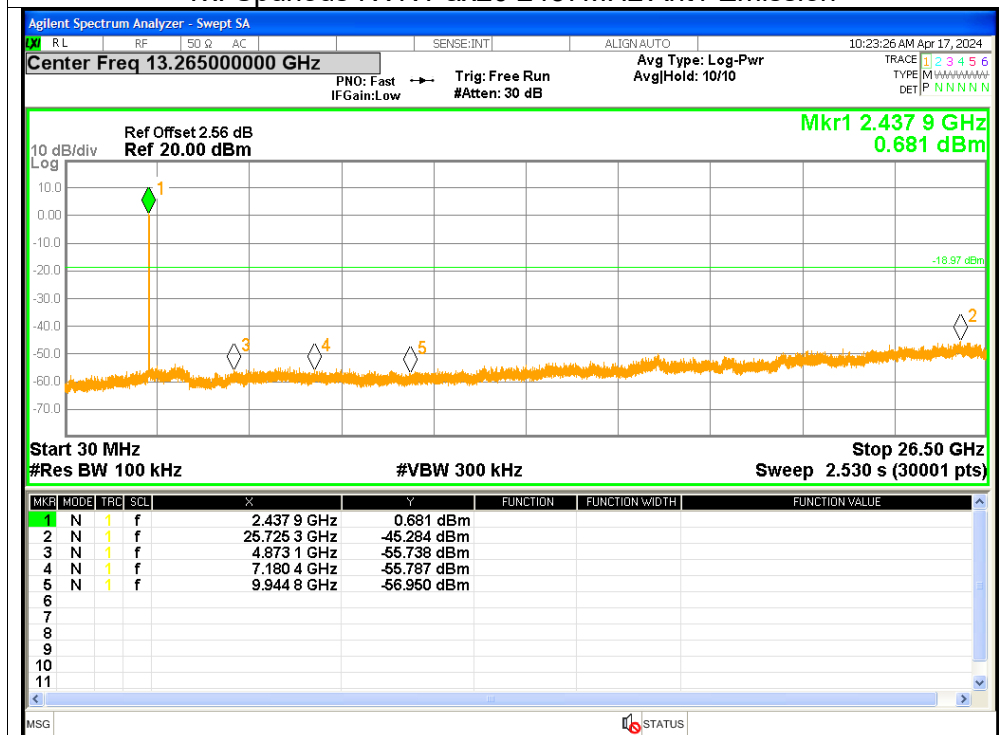


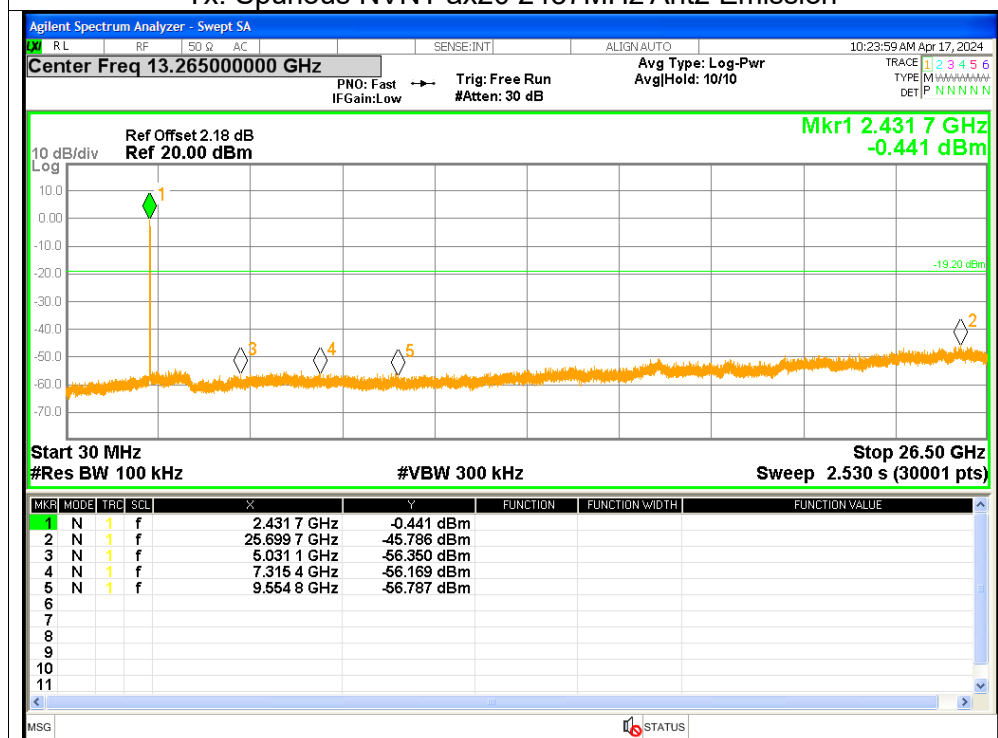
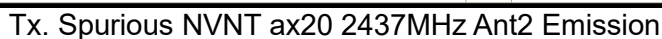


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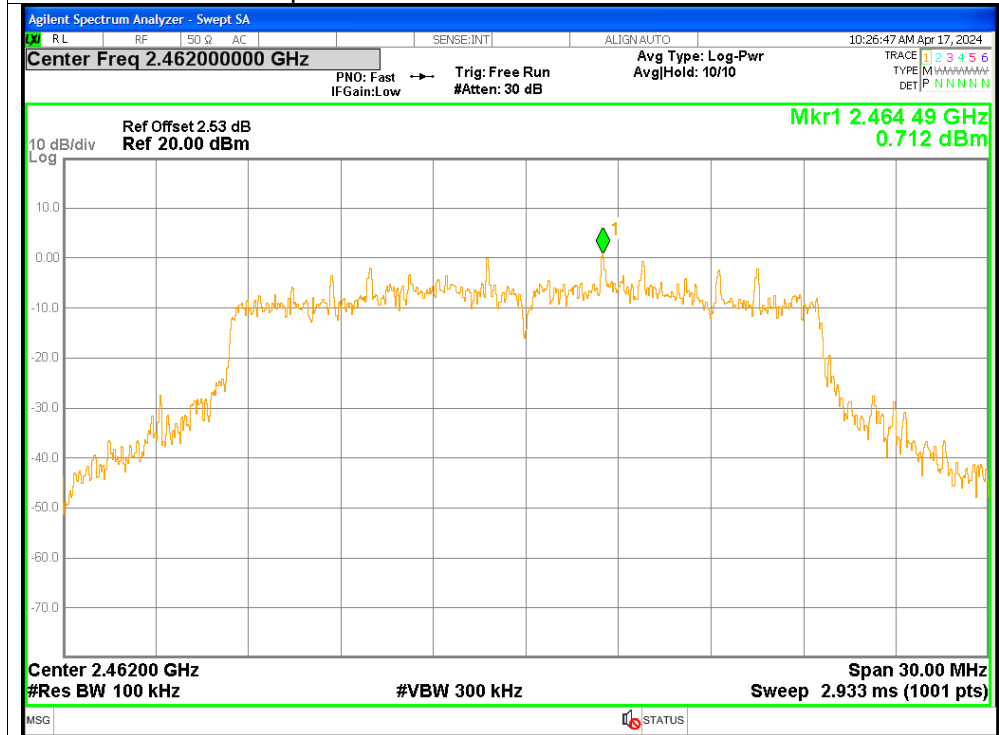


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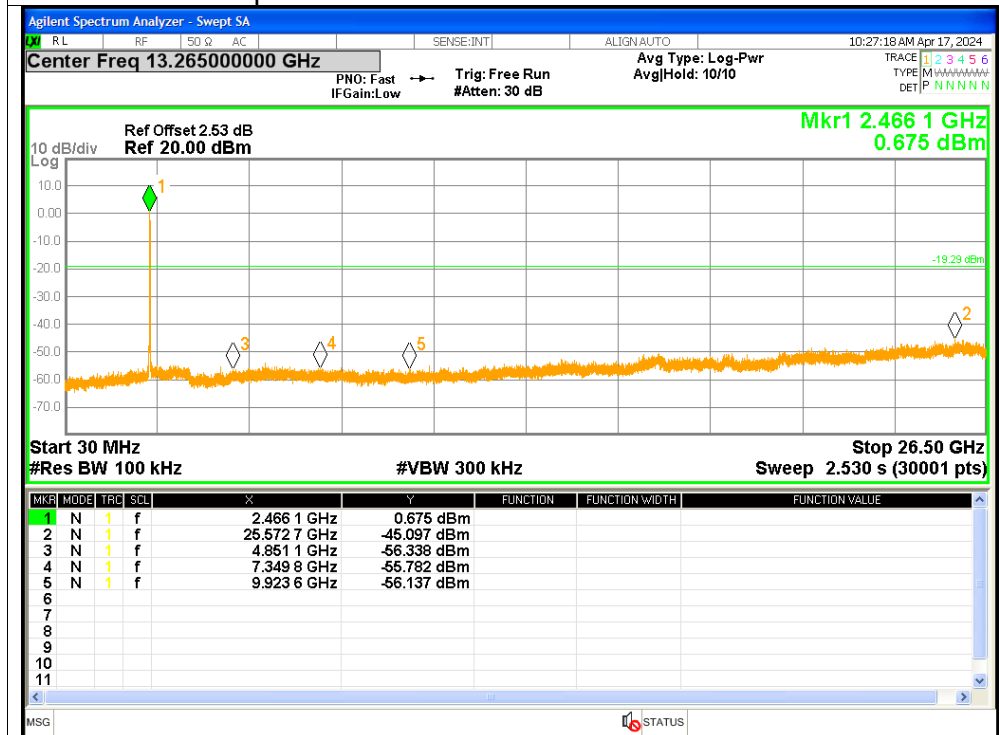




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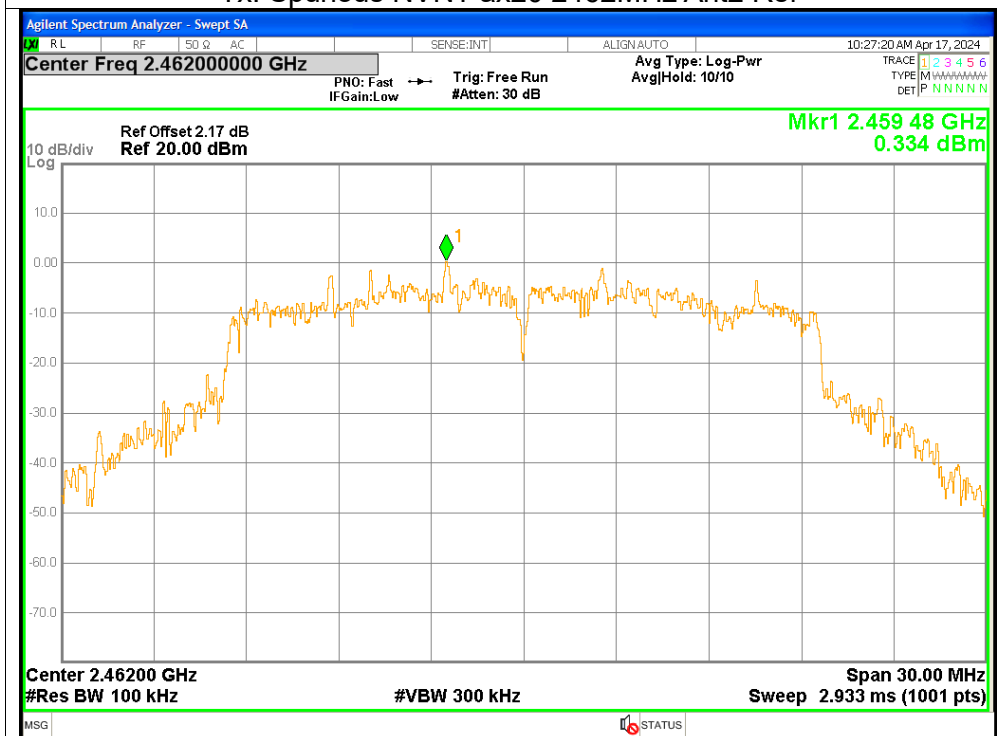


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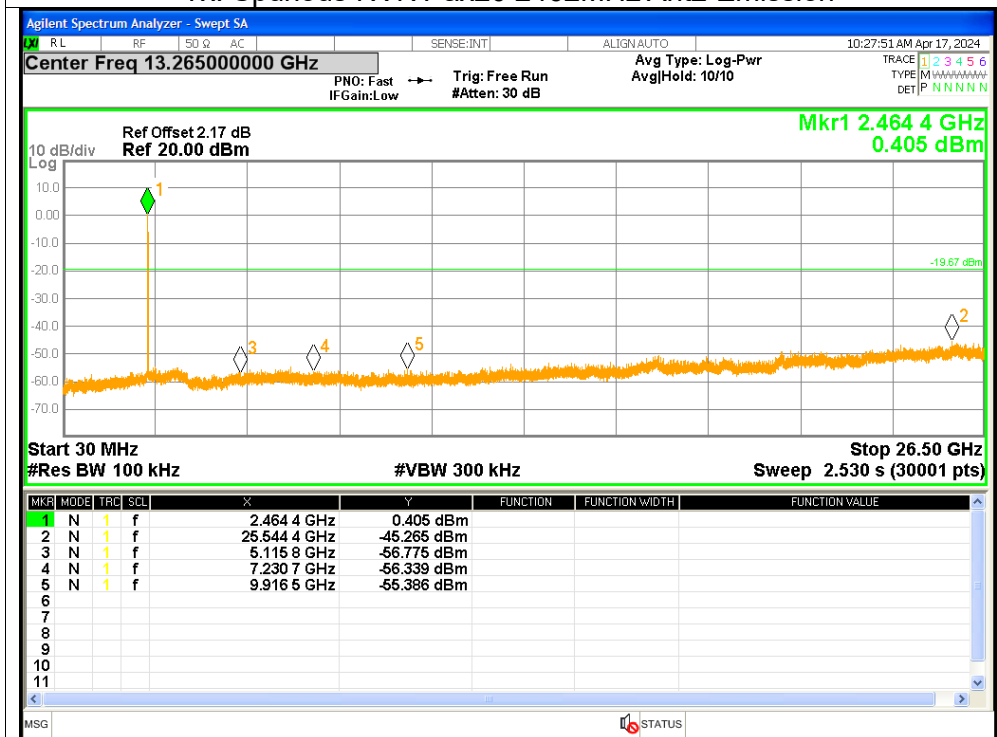




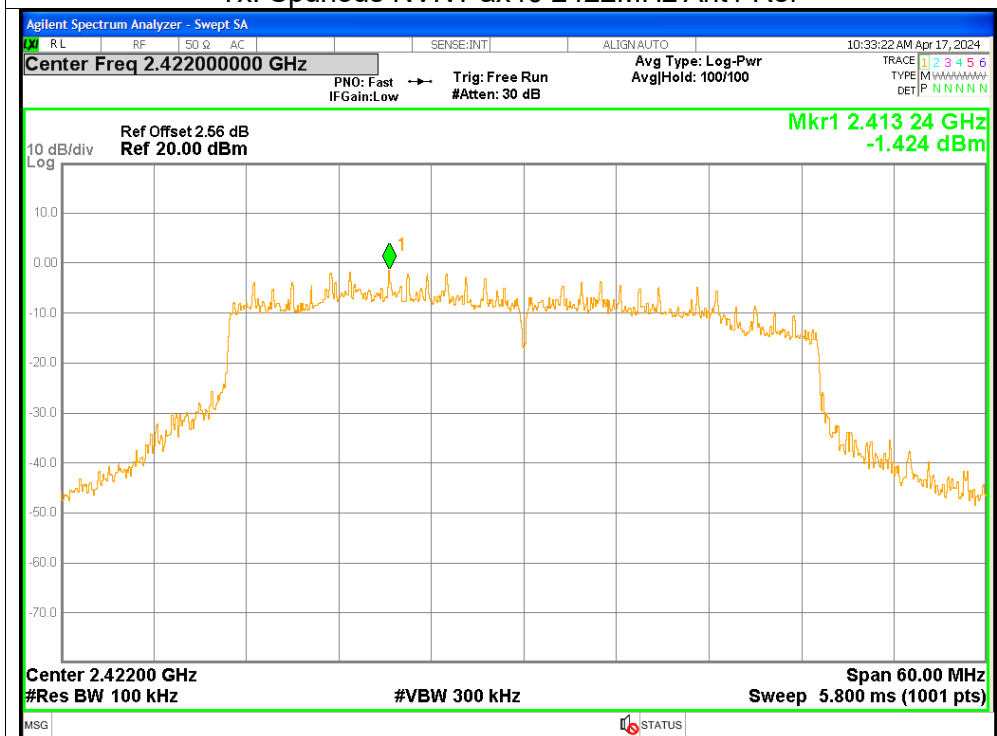
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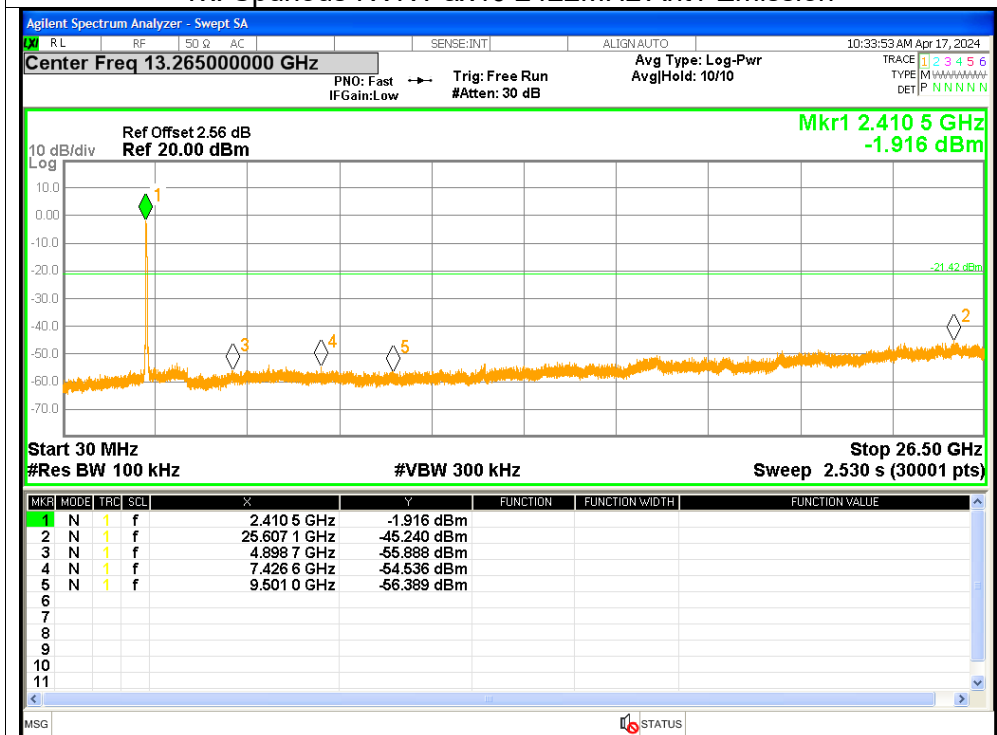
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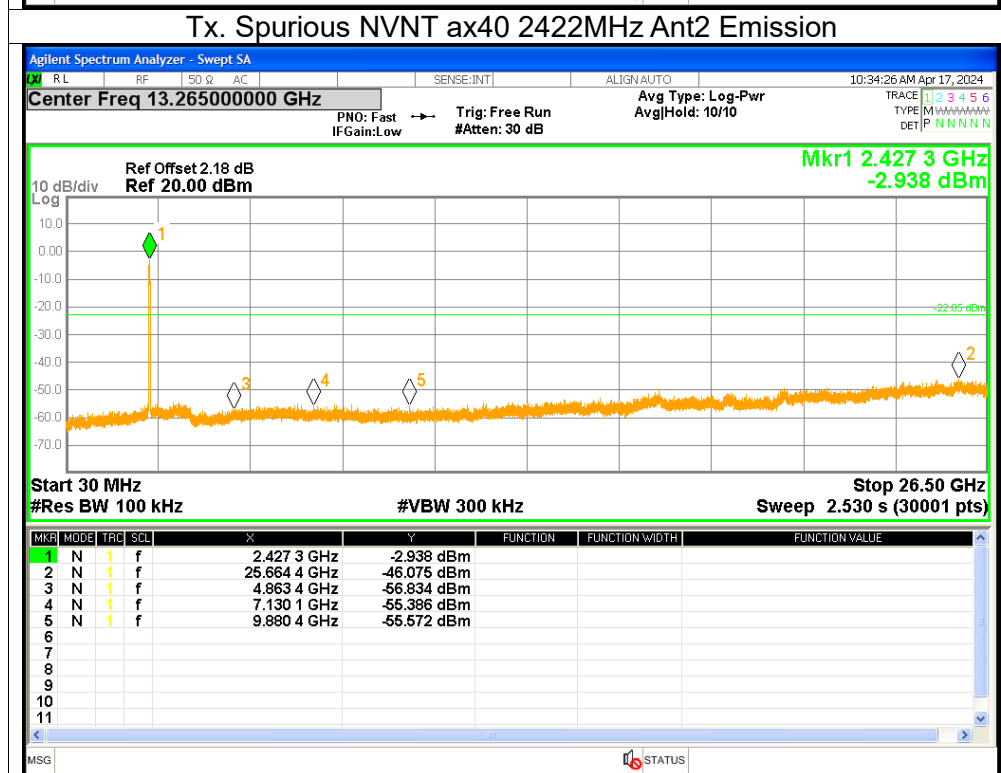


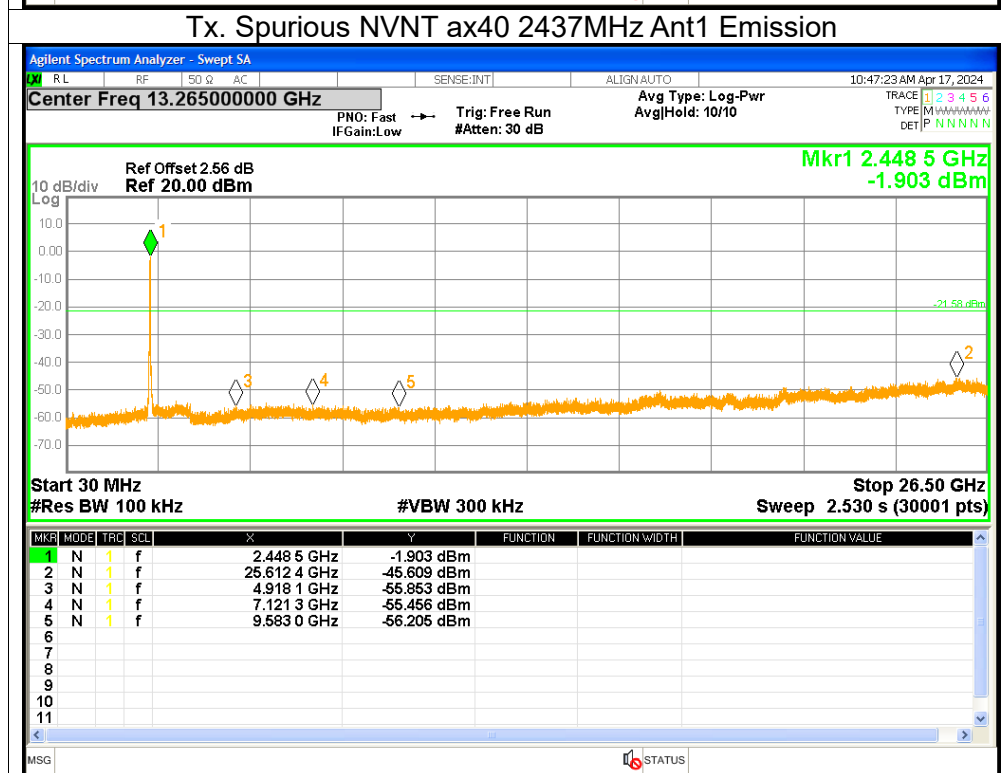
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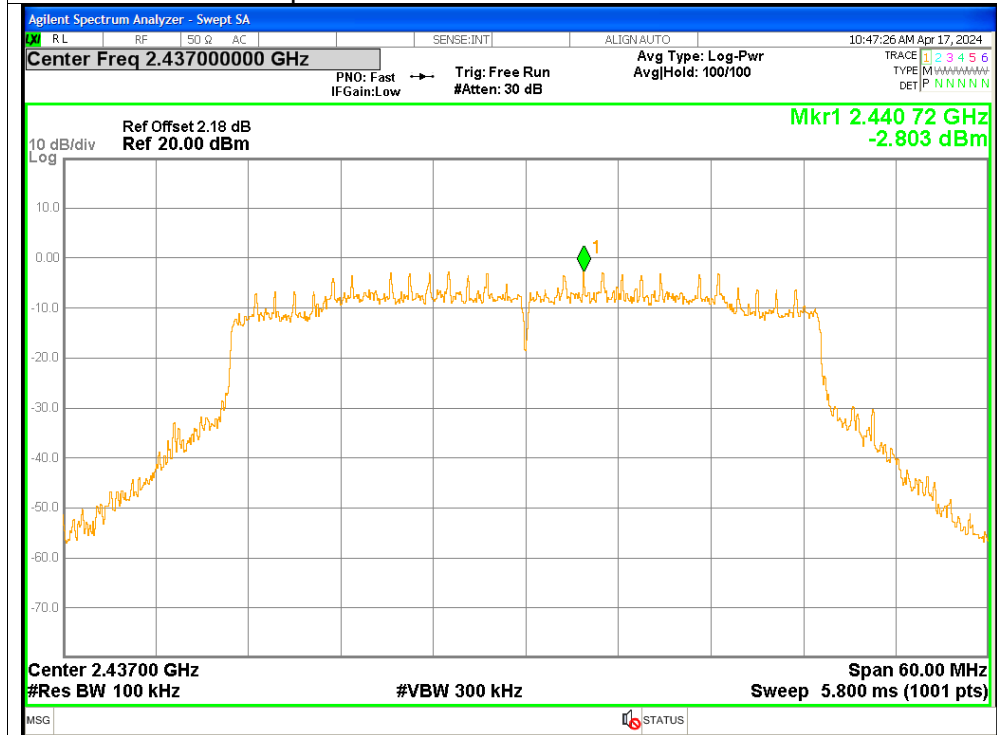
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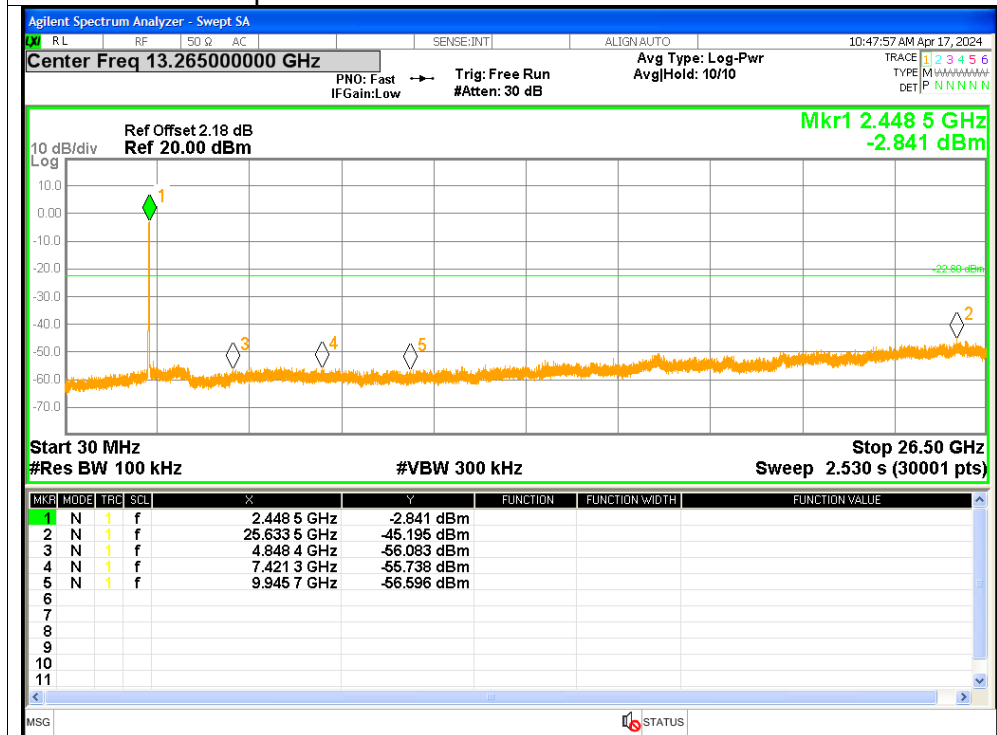




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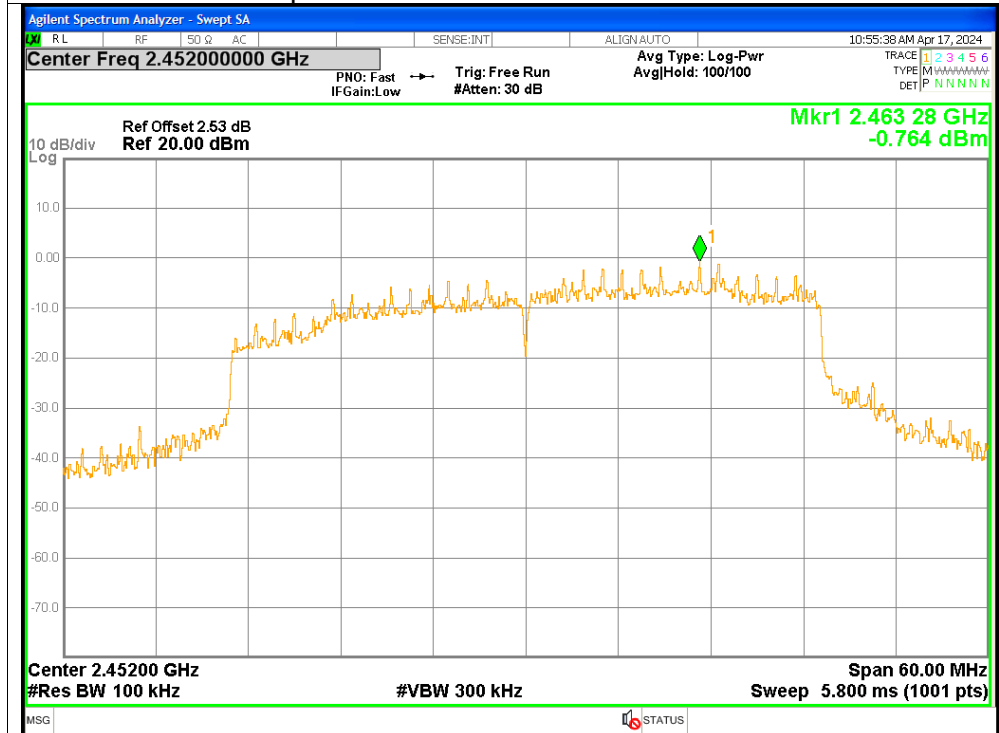


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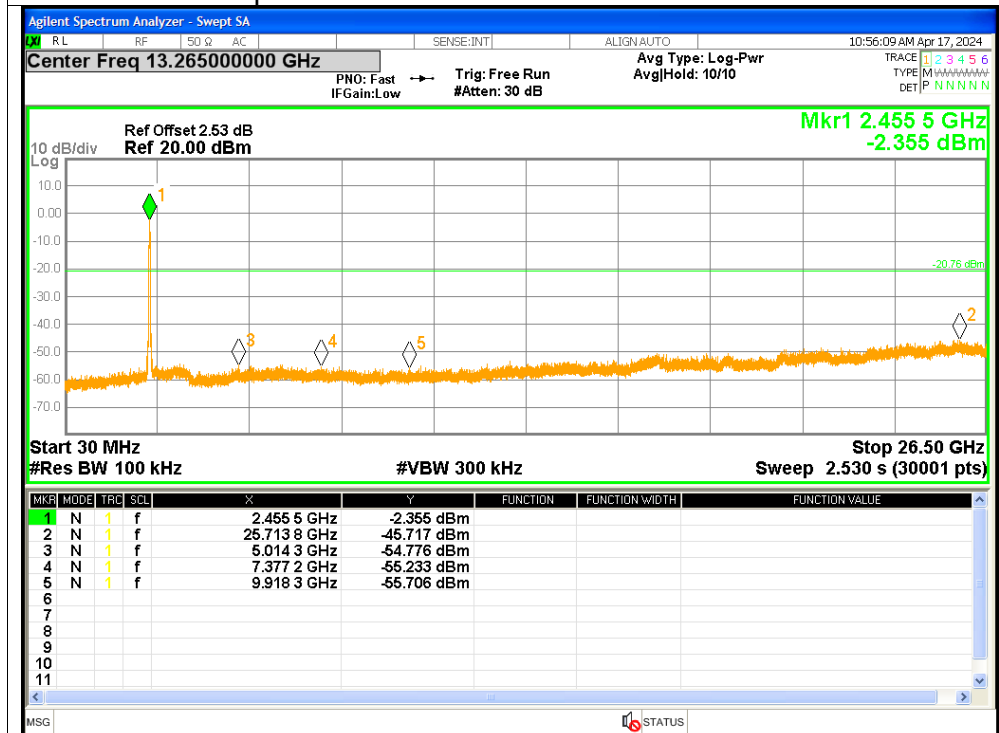




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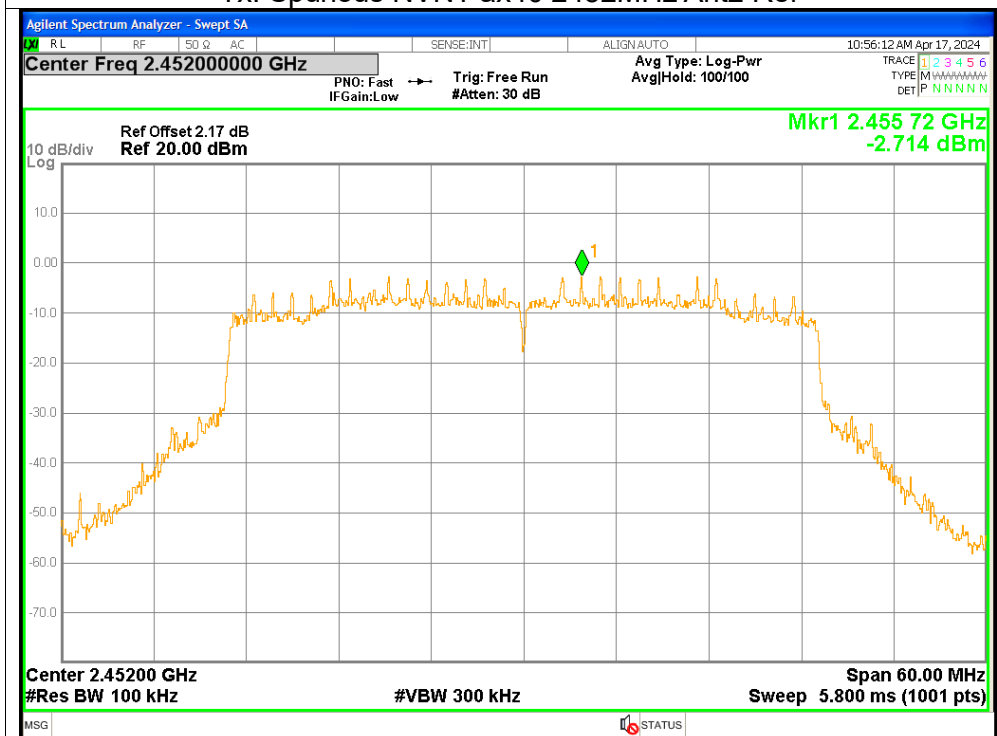


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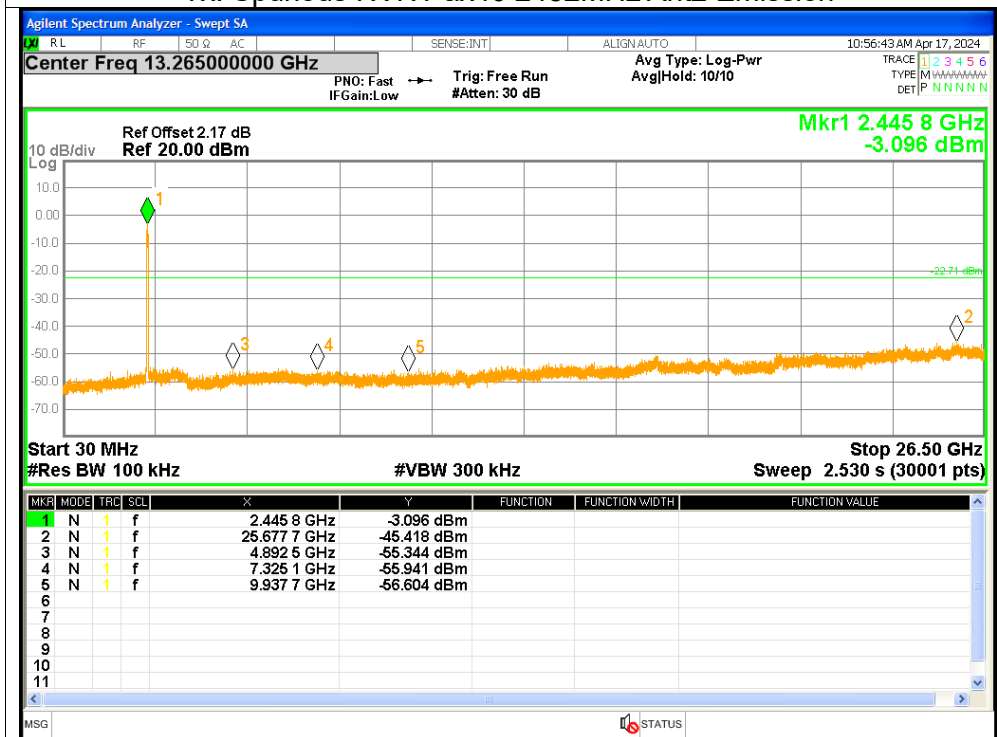


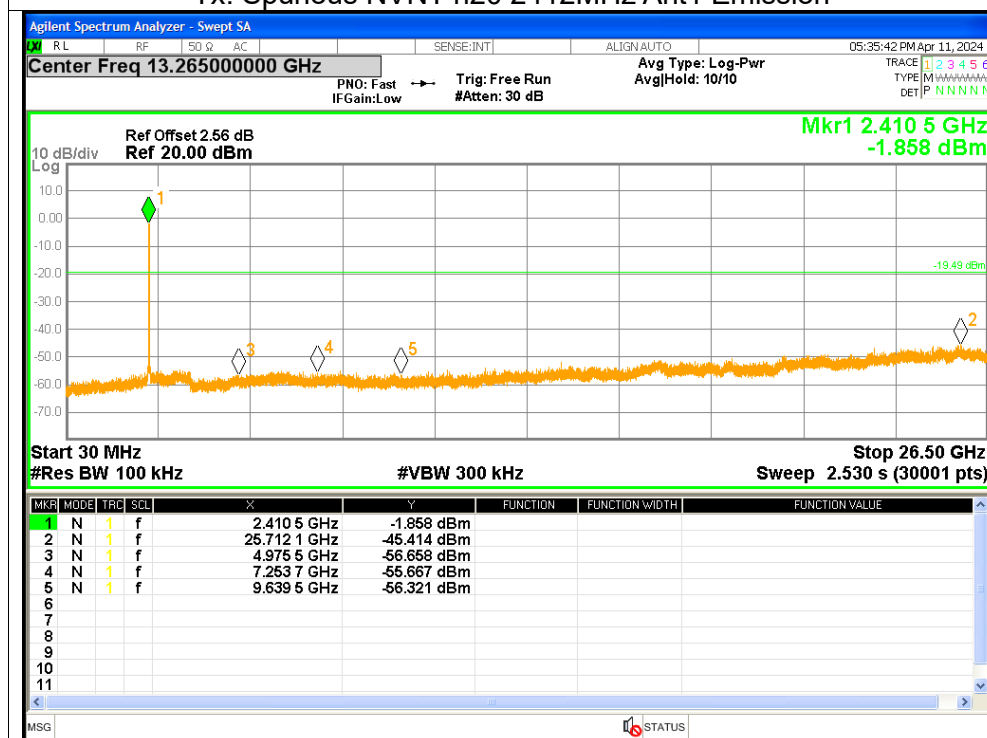
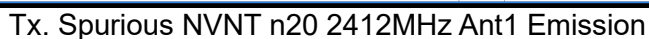


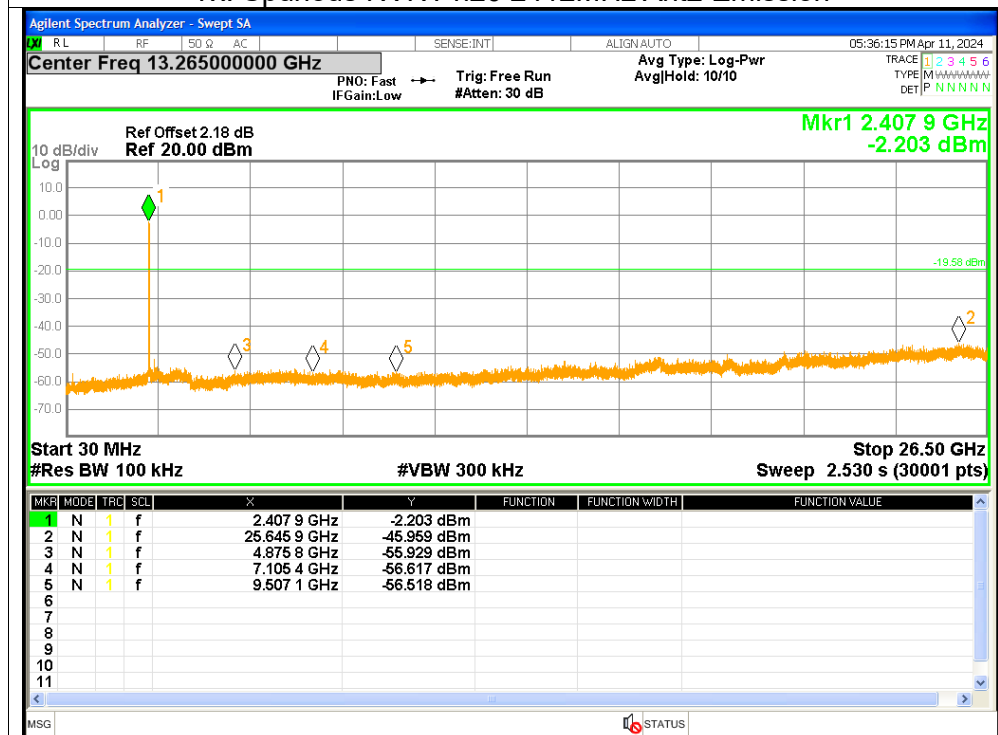
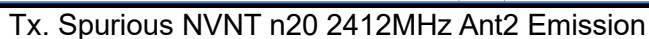
Tx. Spurious NVNT ax40 2452MHz Ant2 Ref

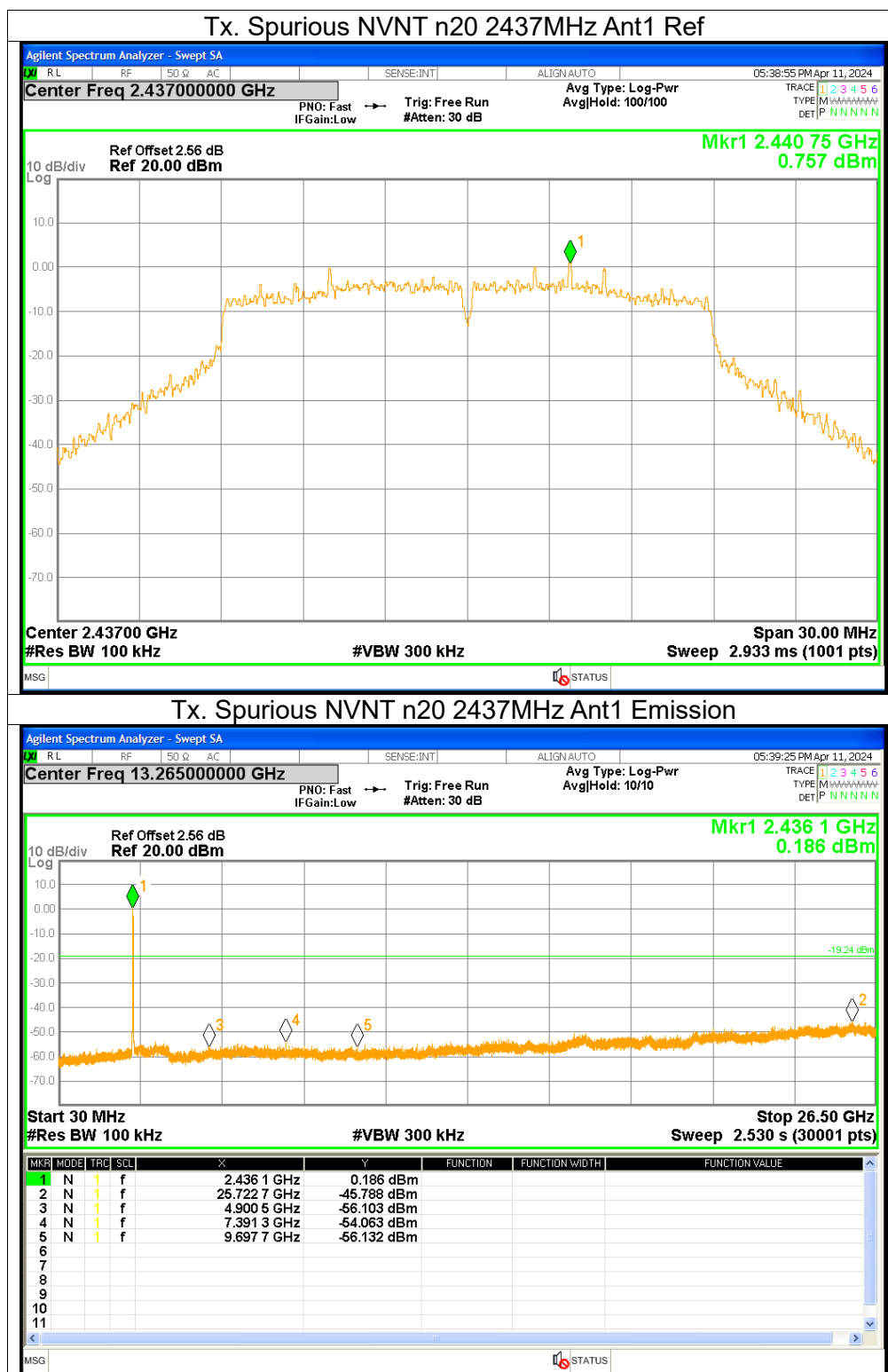


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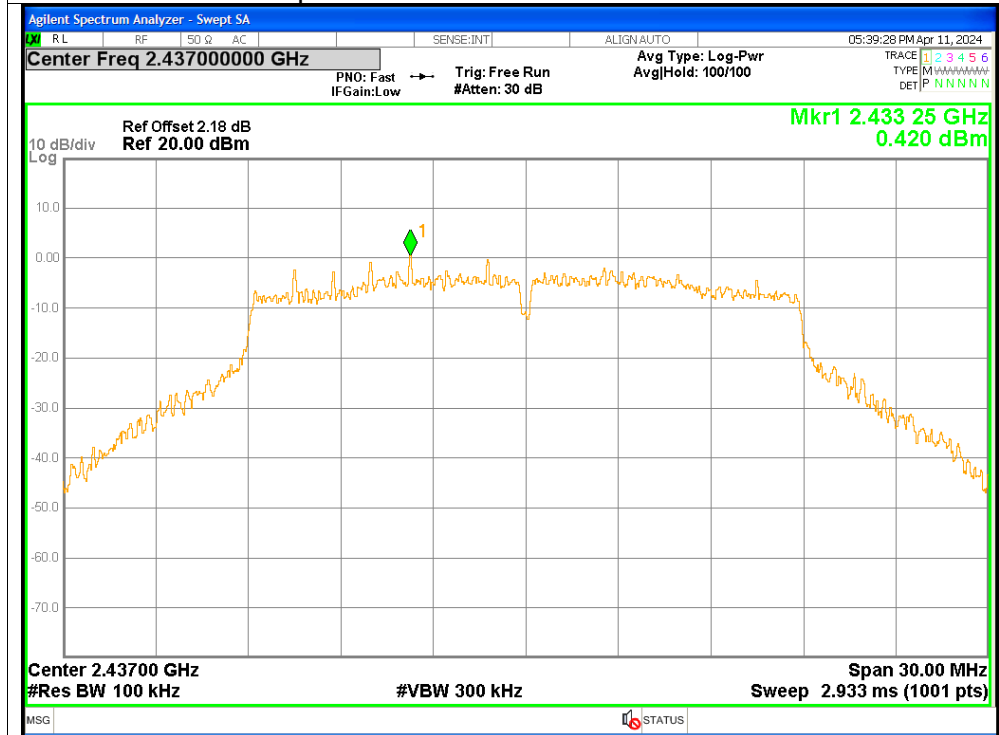




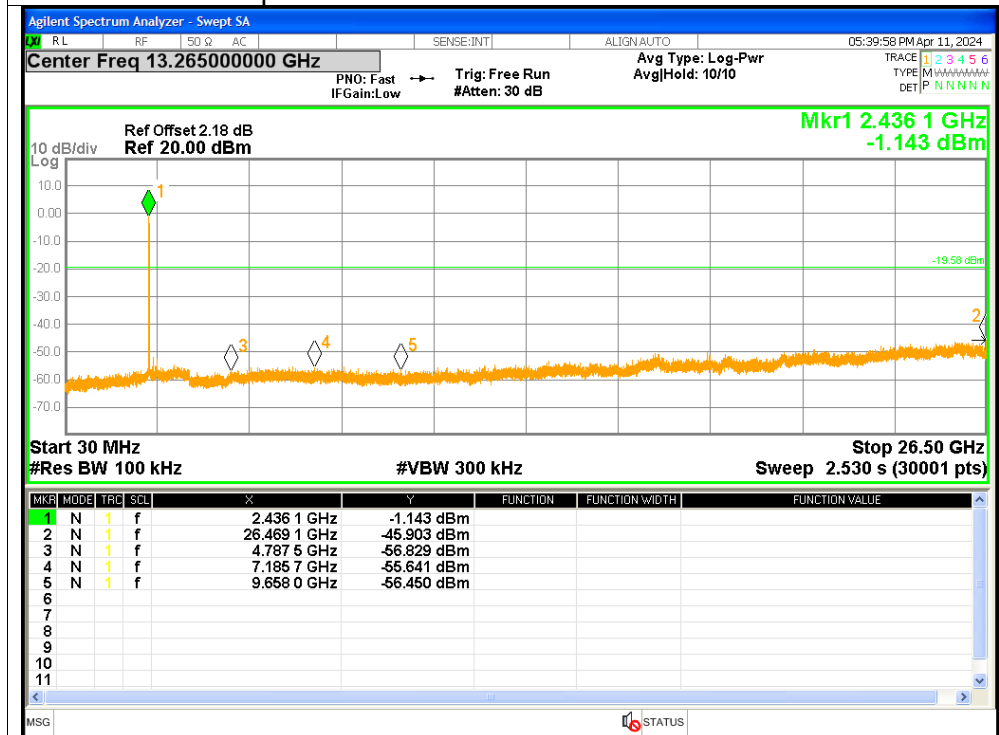


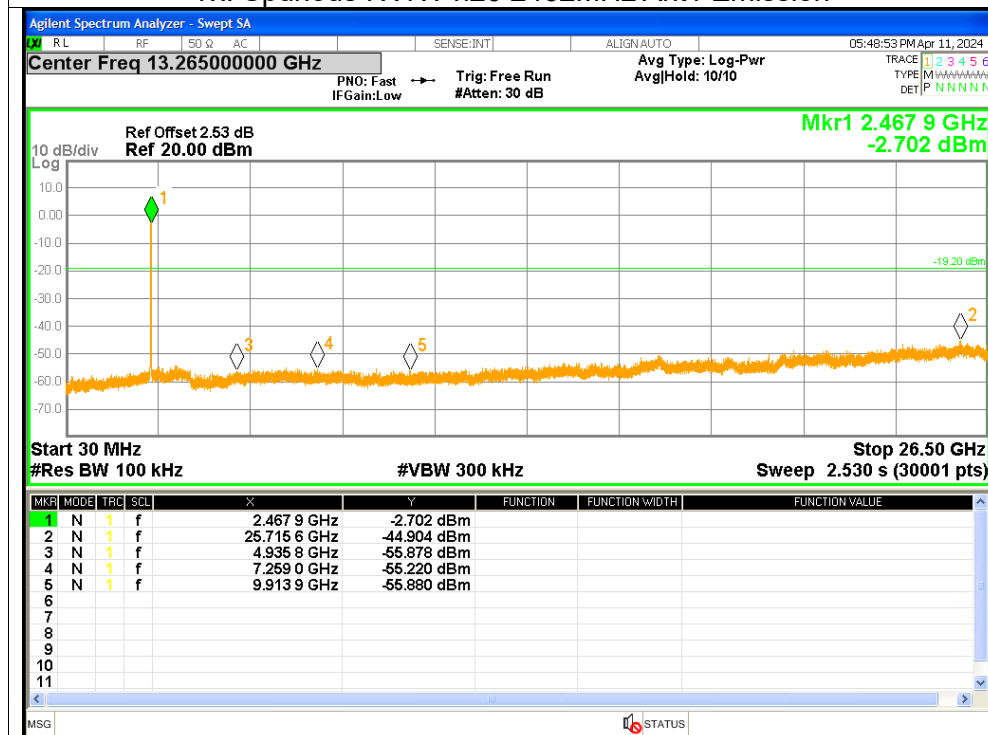
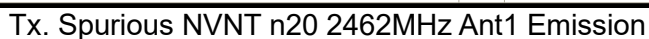


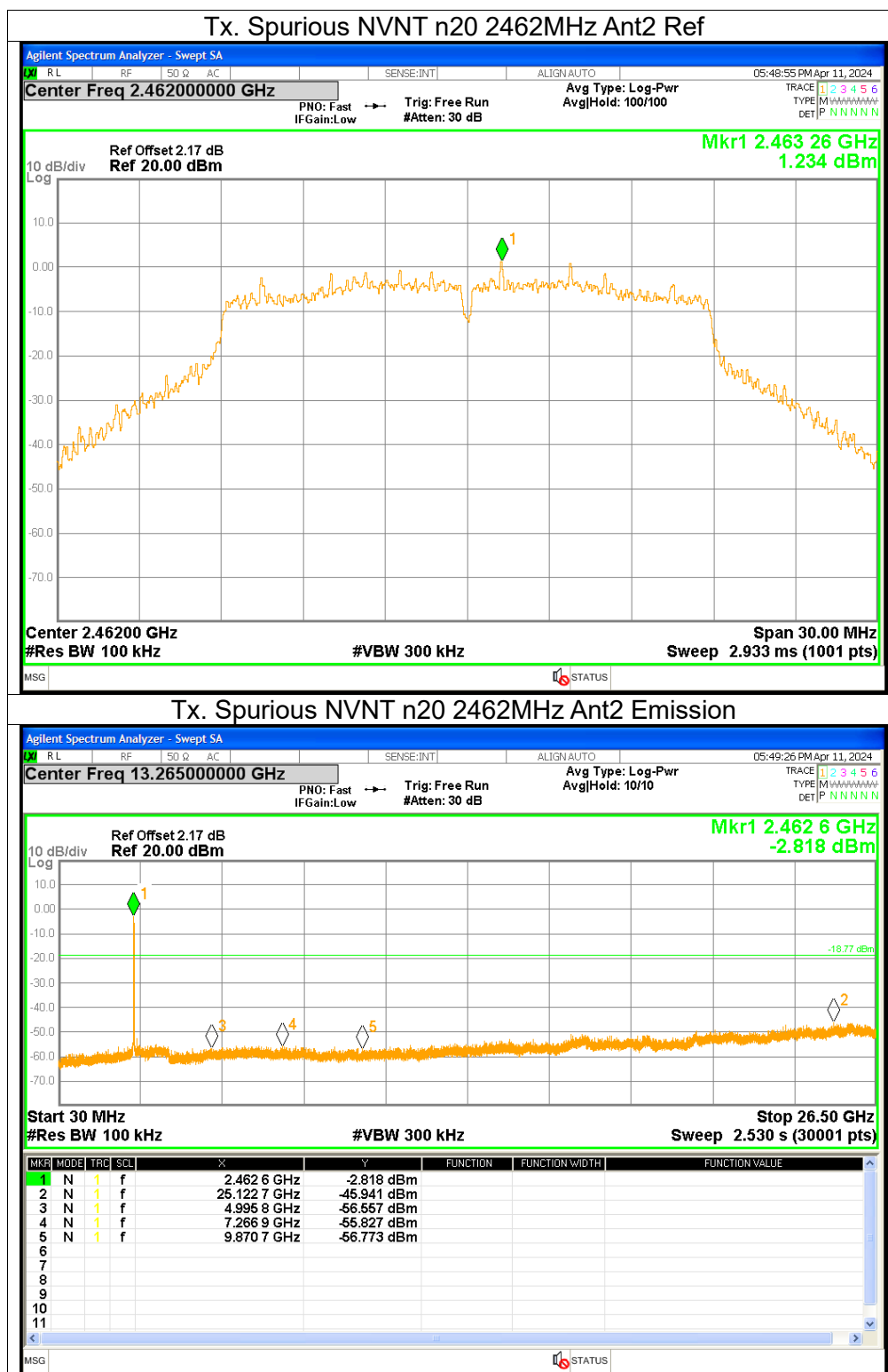
Tx. Spurious NVNT n20 2437MHz Ant2 Ref

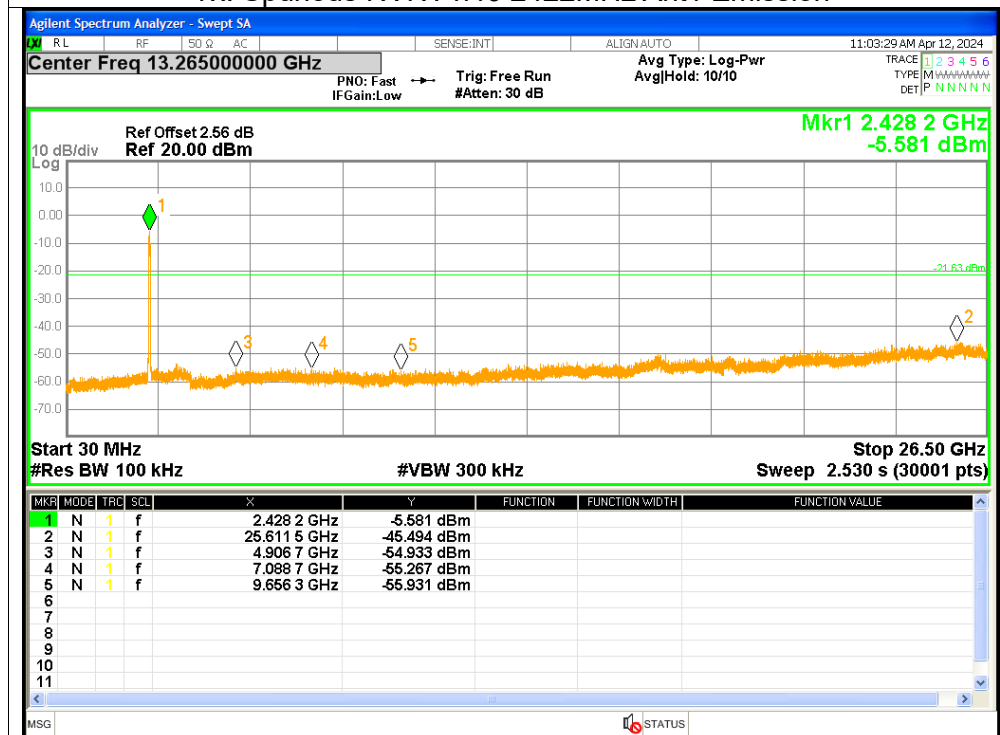
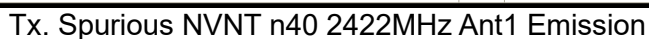


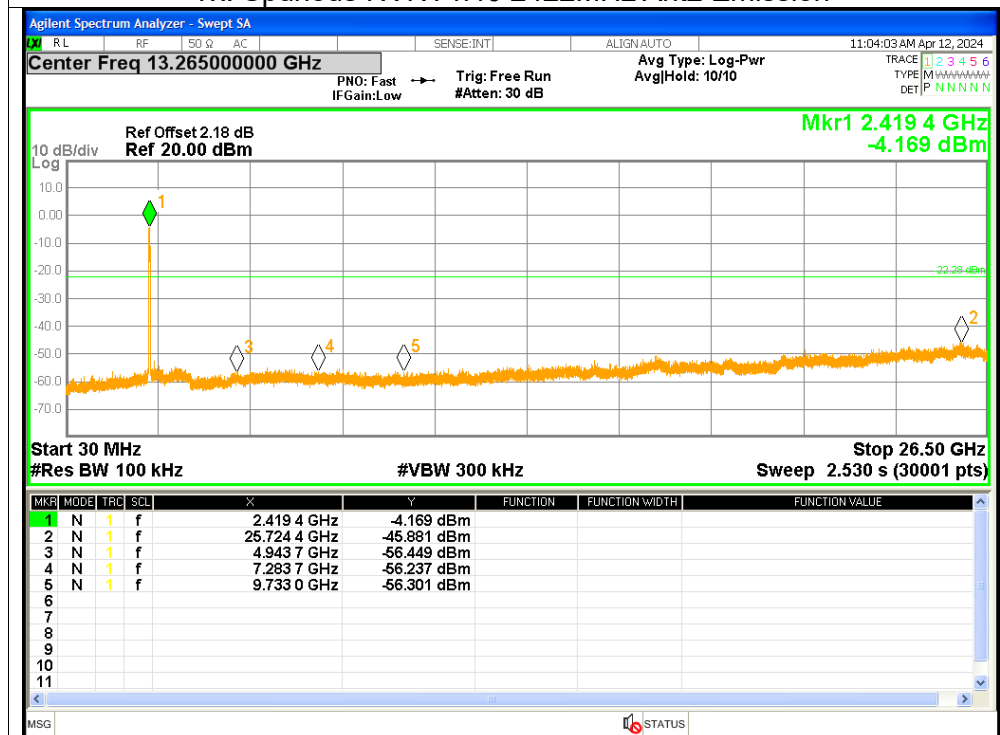
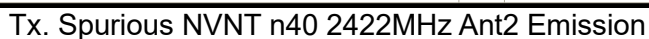
Tx. Spurious NVNT n20 2437MHz Ant2 Emission

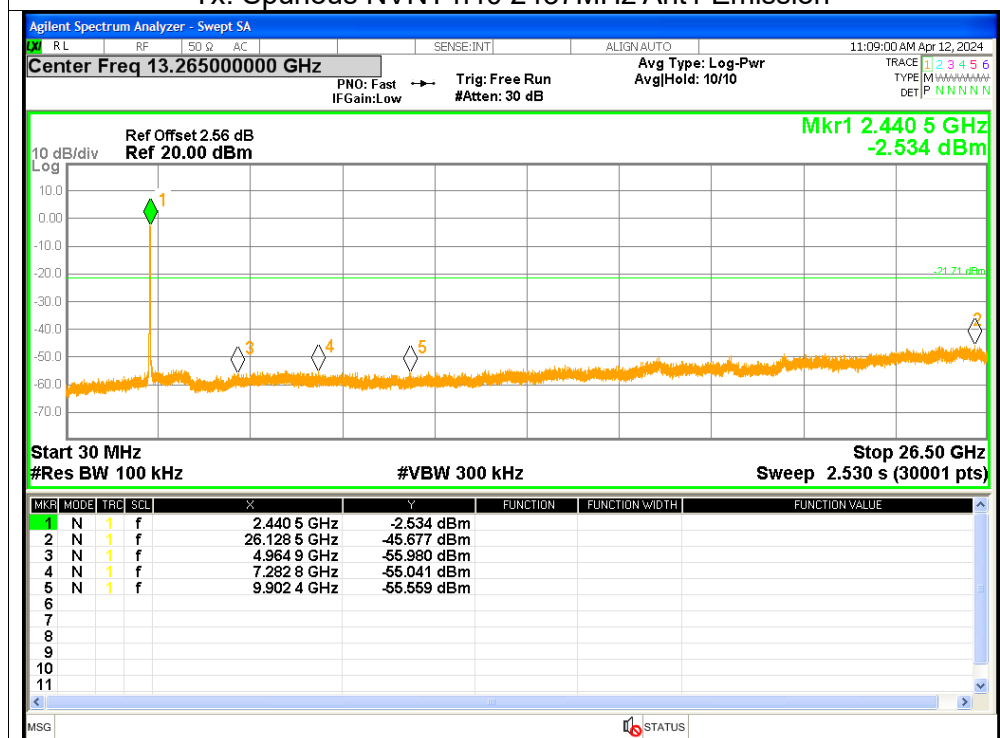
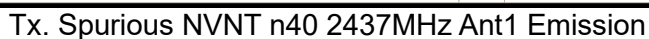






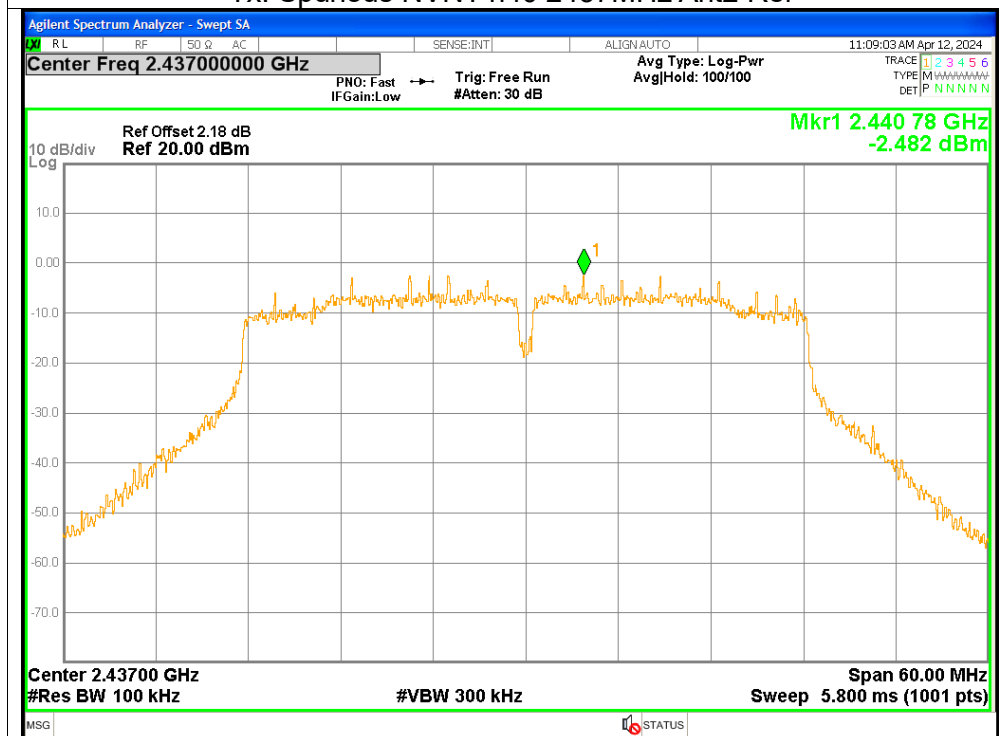




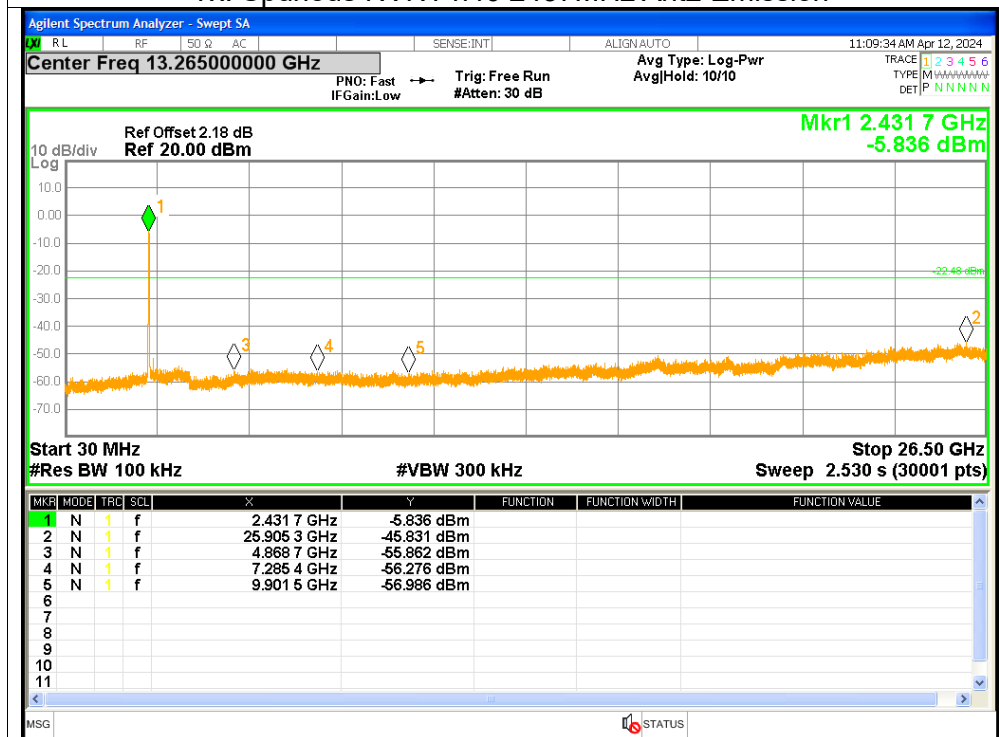


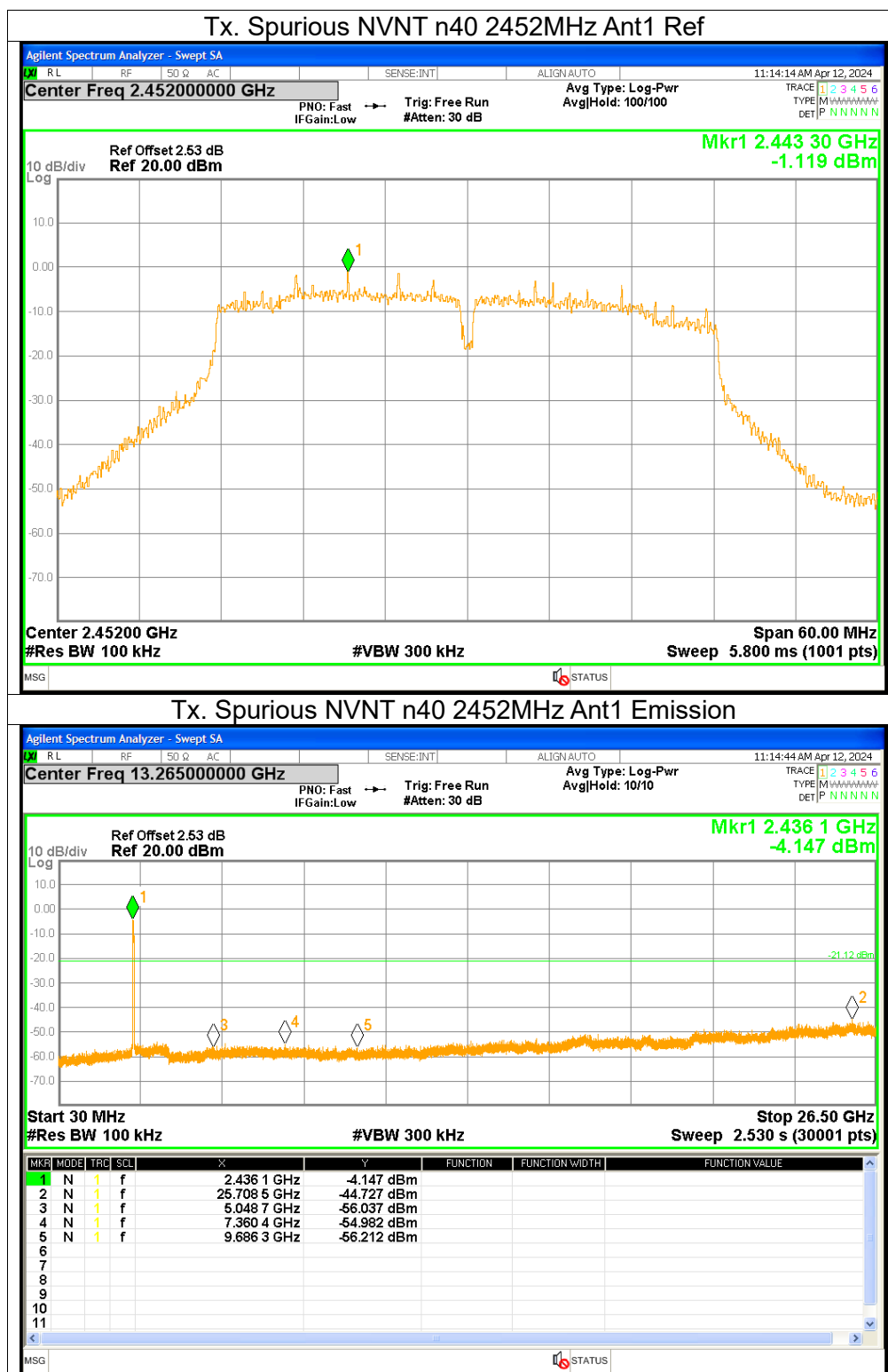


Tx. Spurious NVNT n40 2437MHz Ant2 Ref

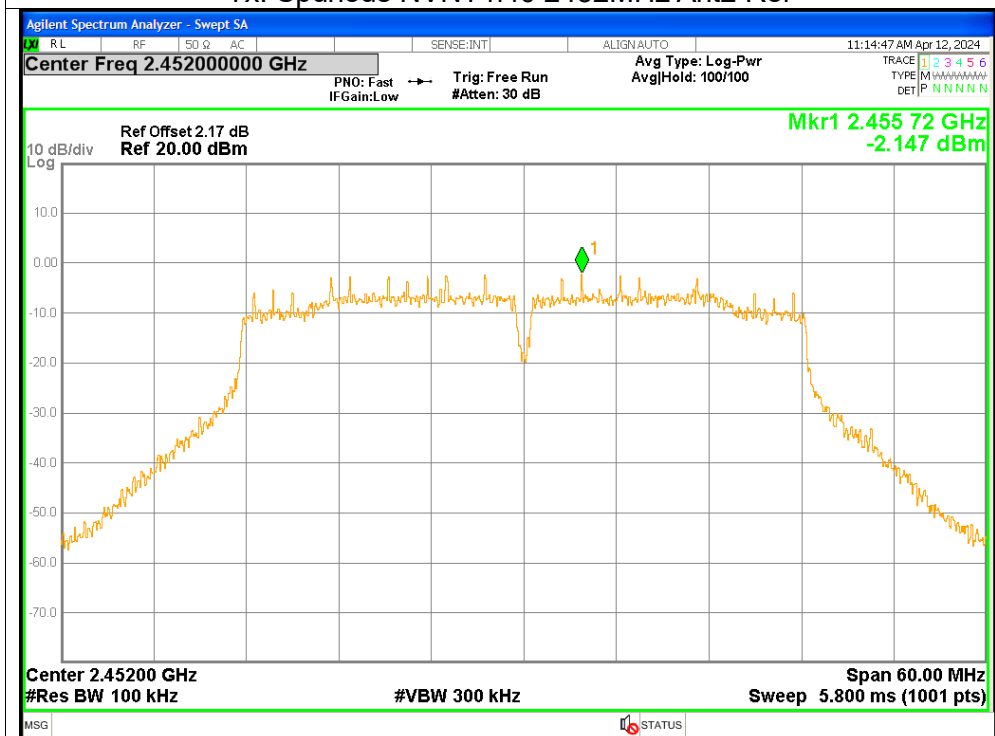


Tx. Spurious NVNT n40 2437MHz Ant2 Emission

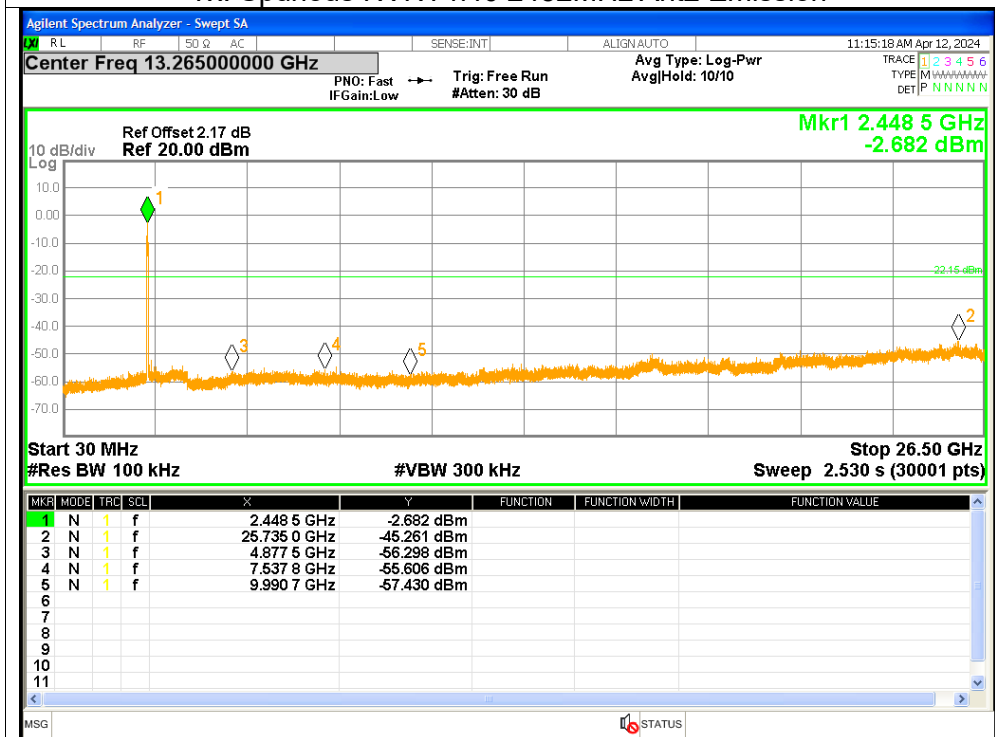




Tx. Spurious NVNT n40 2452MHz Ant2 Ref



Tx. Spurious NVNT n40 2452MHz Ant2 Emission





APPENDIX 2-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

*****END OF THE REPORT*****