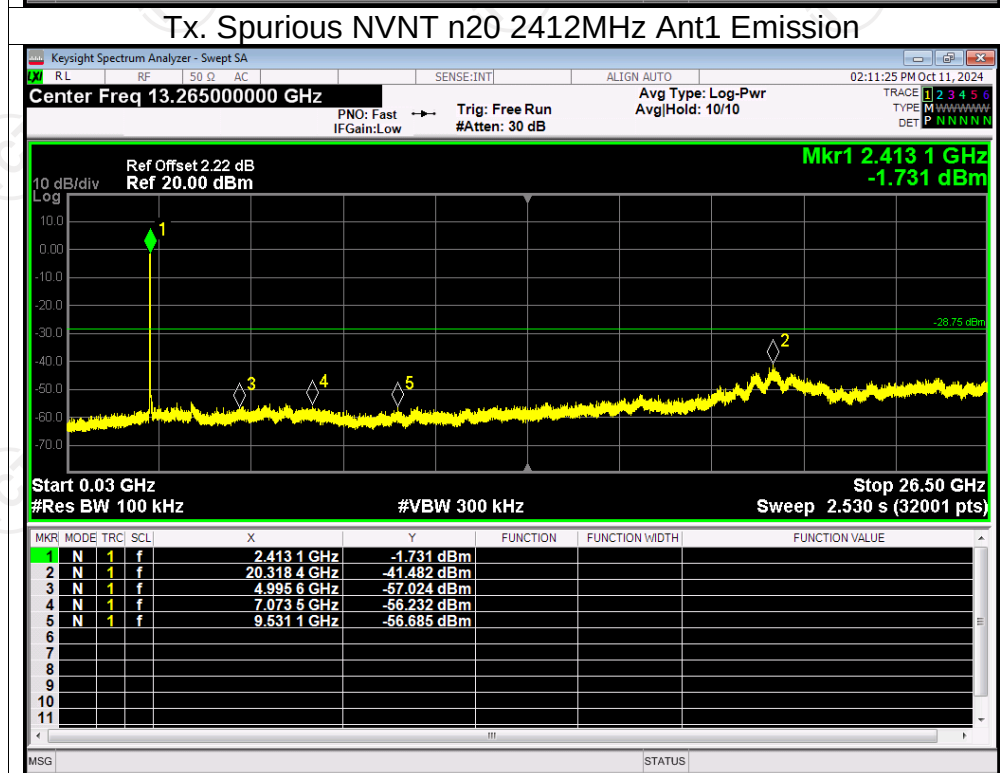
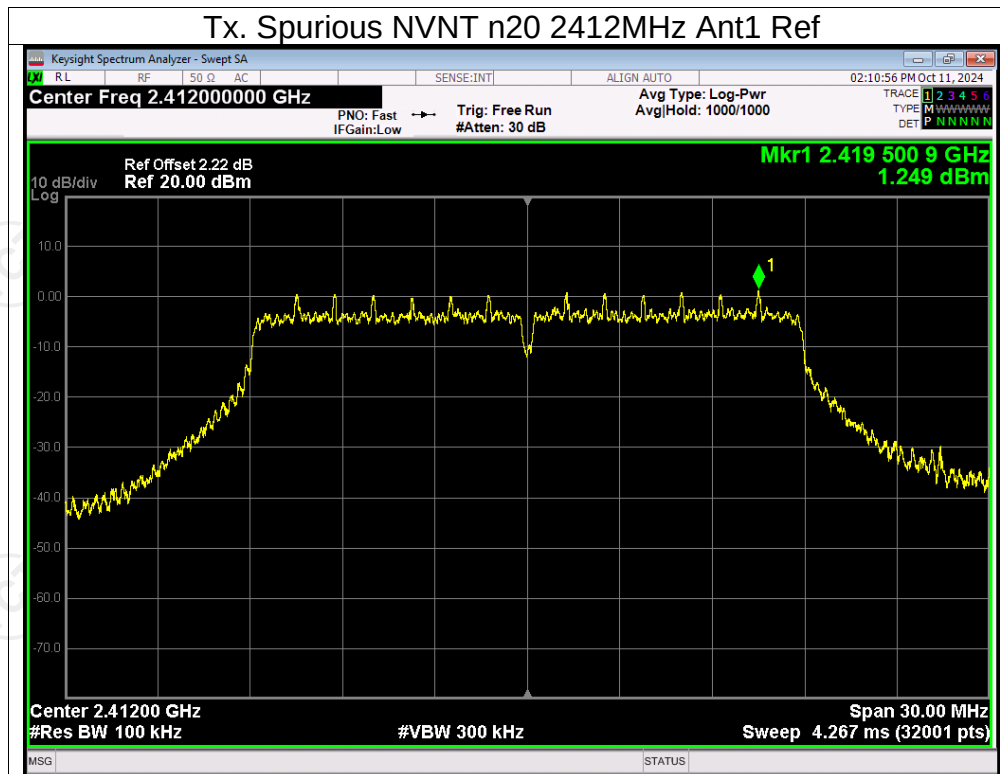
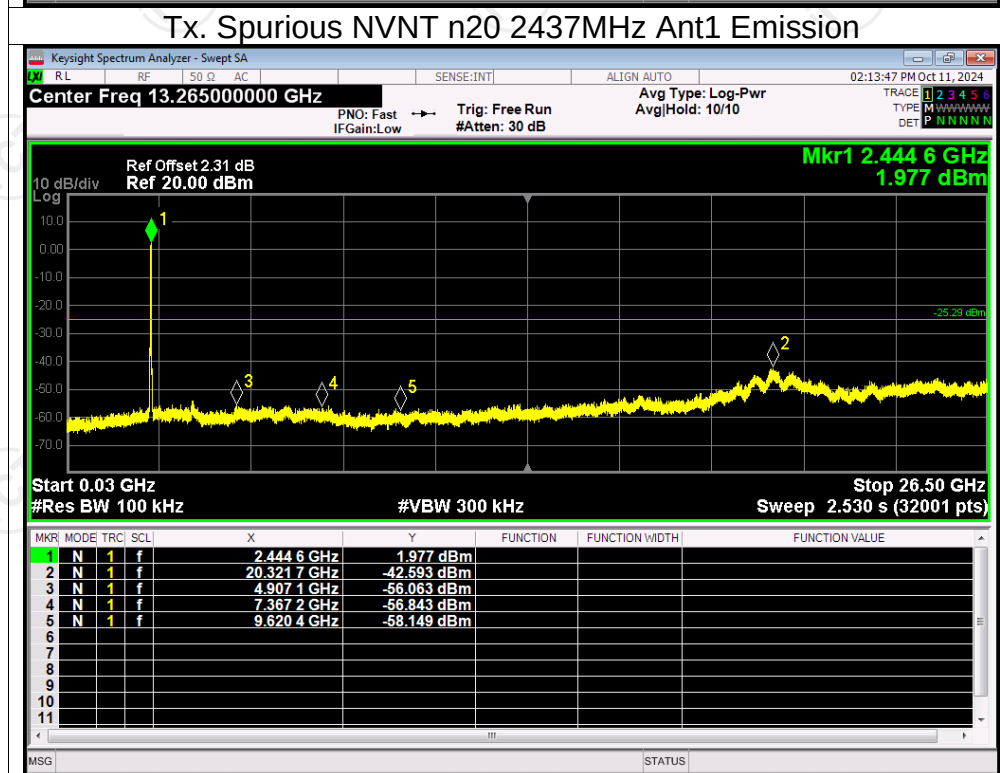
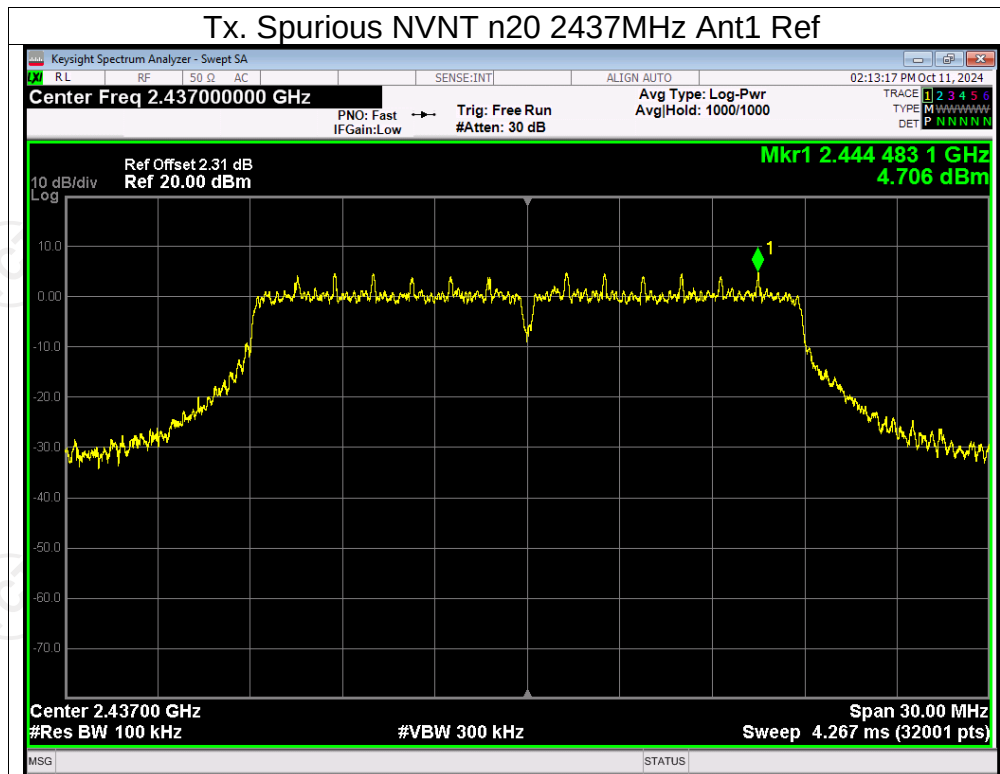
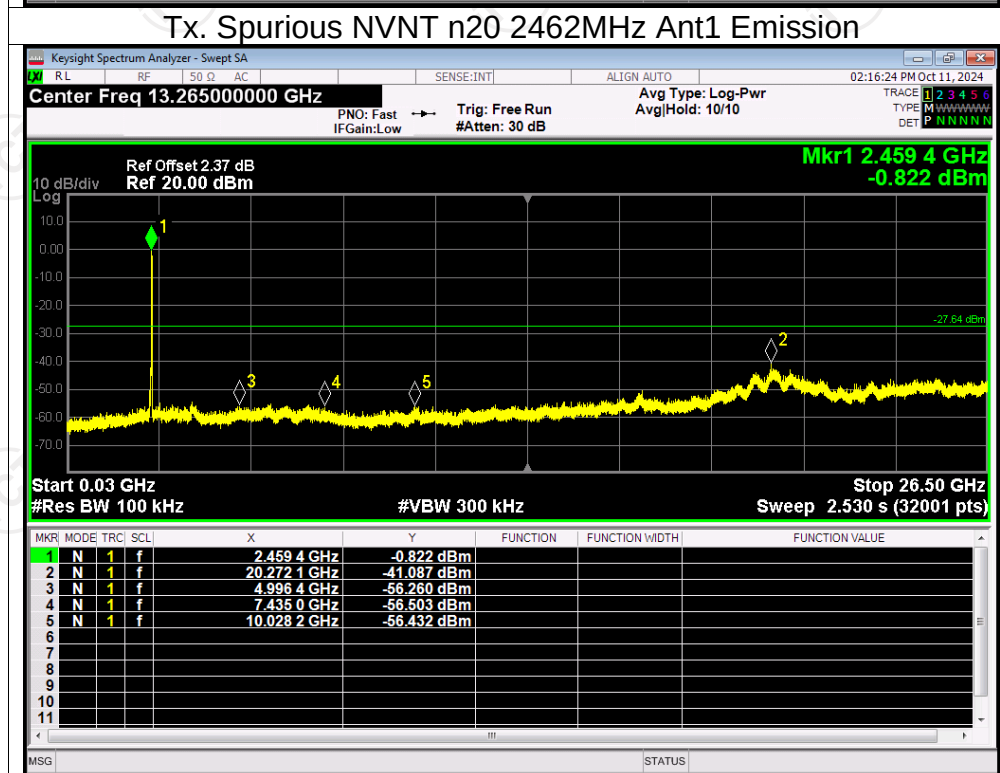
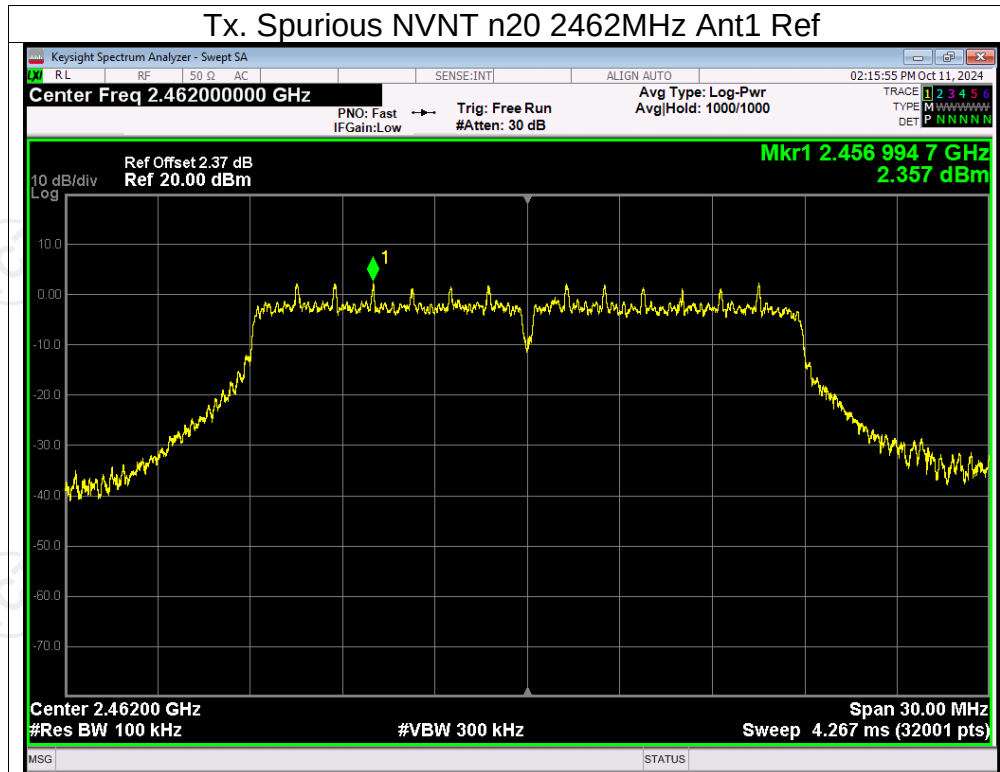
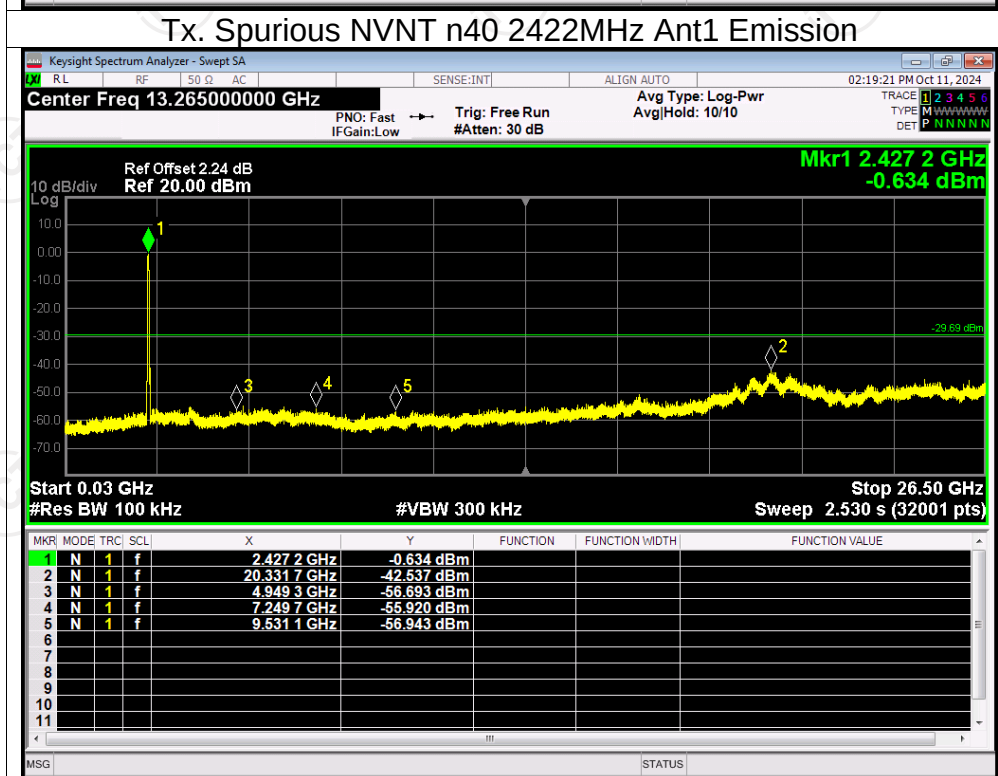
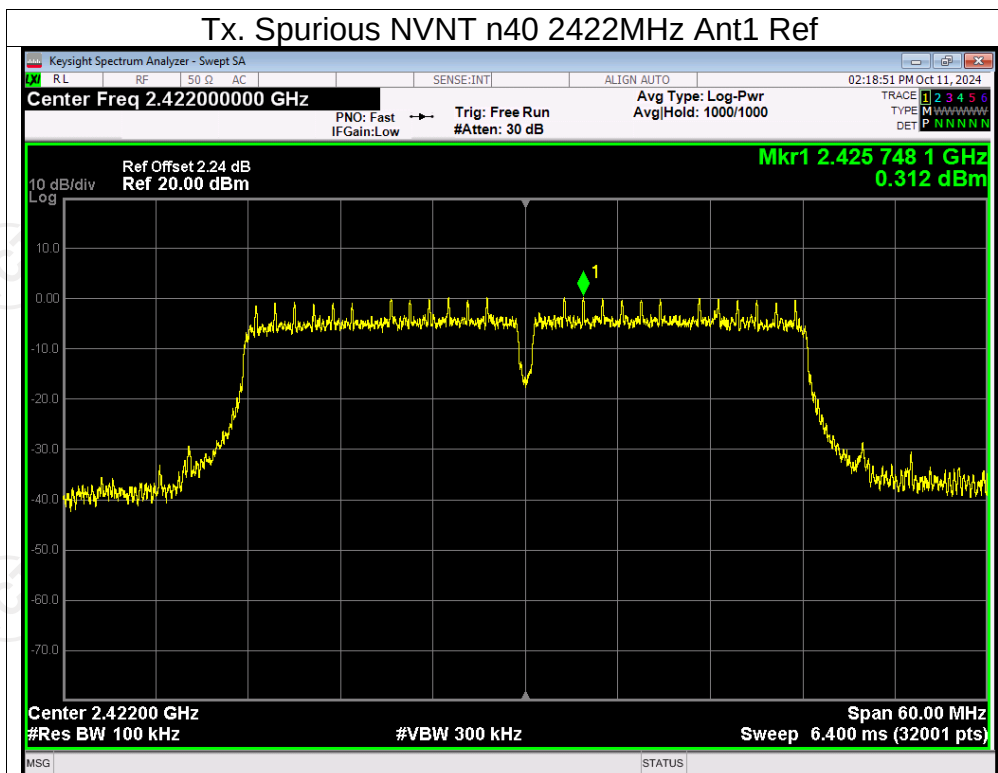
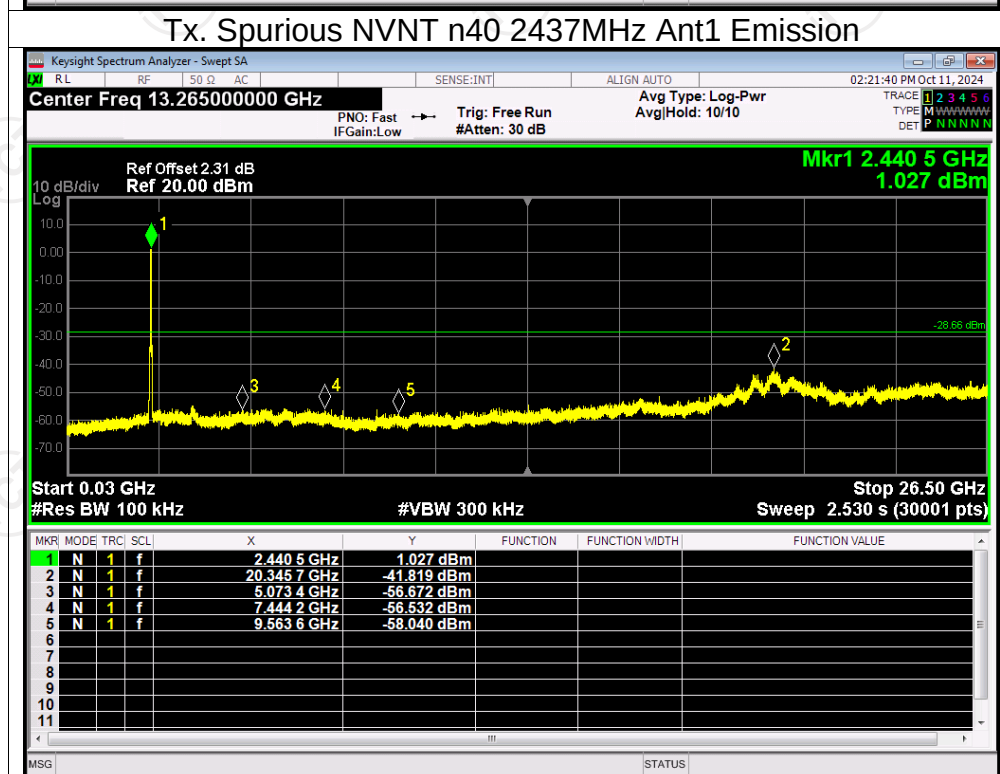
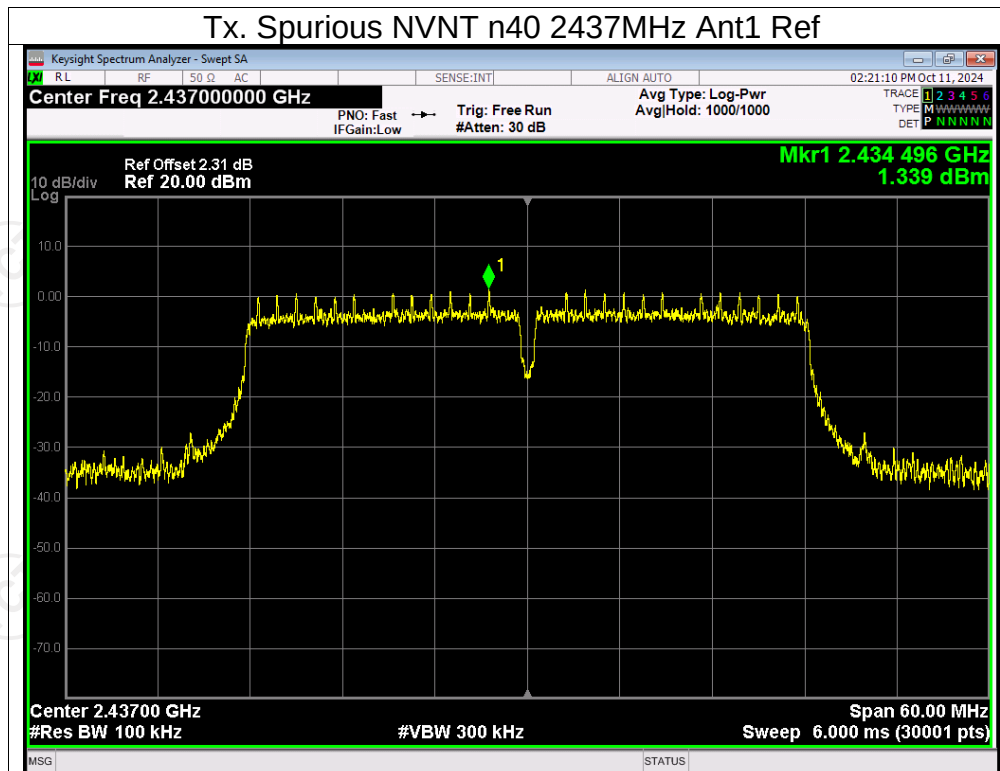


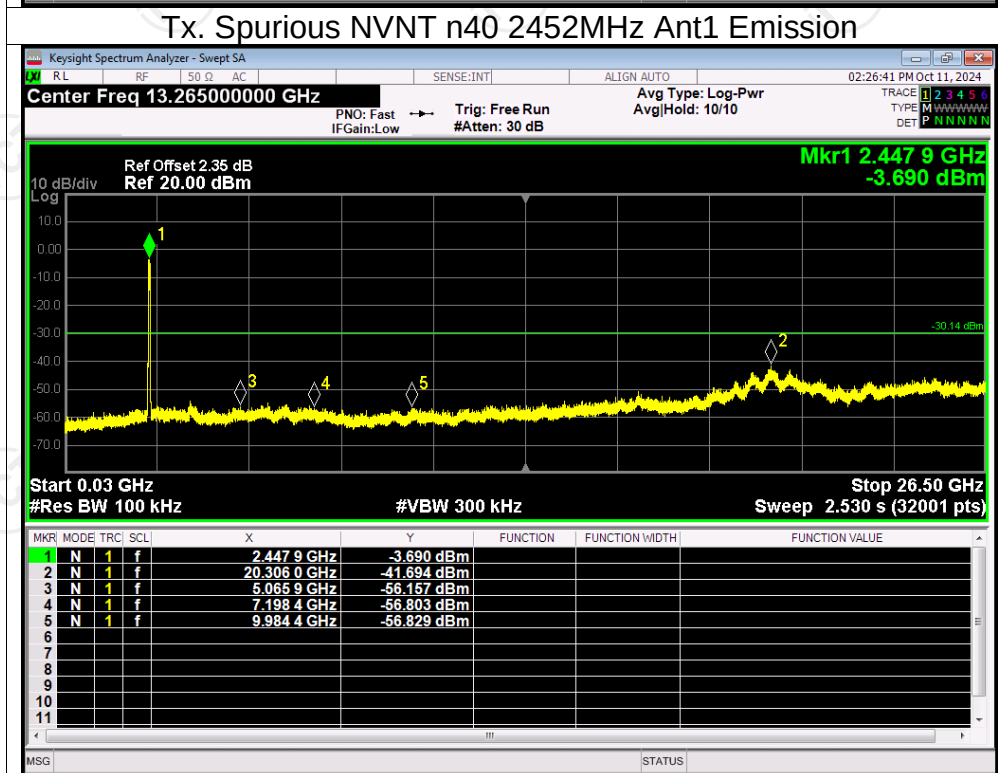
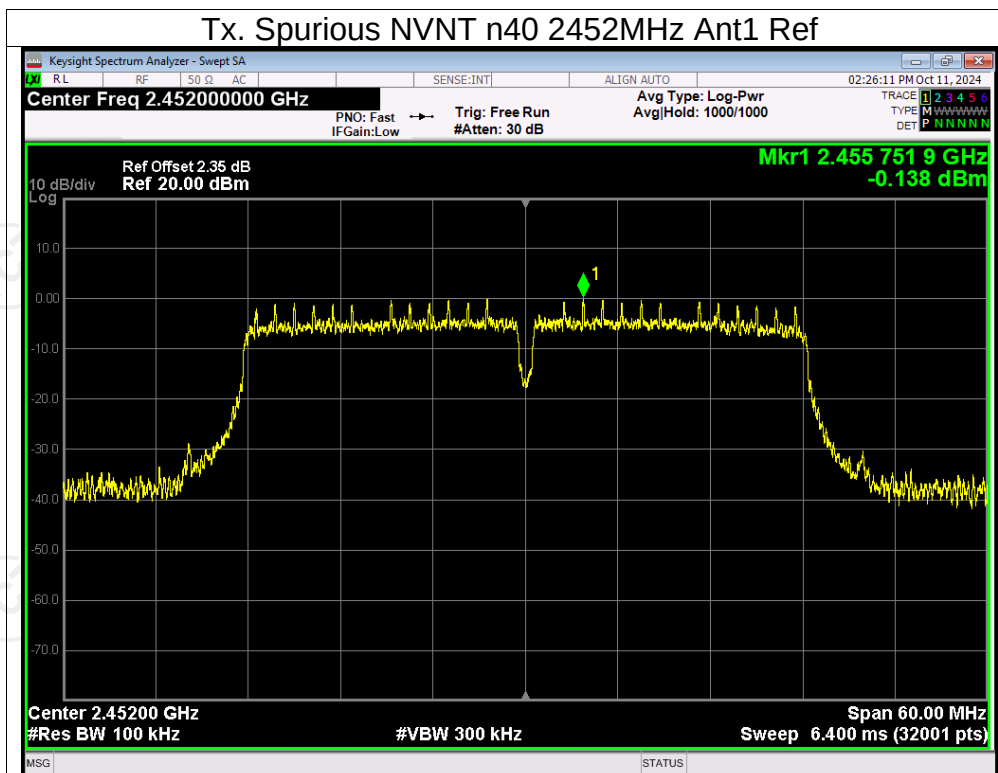












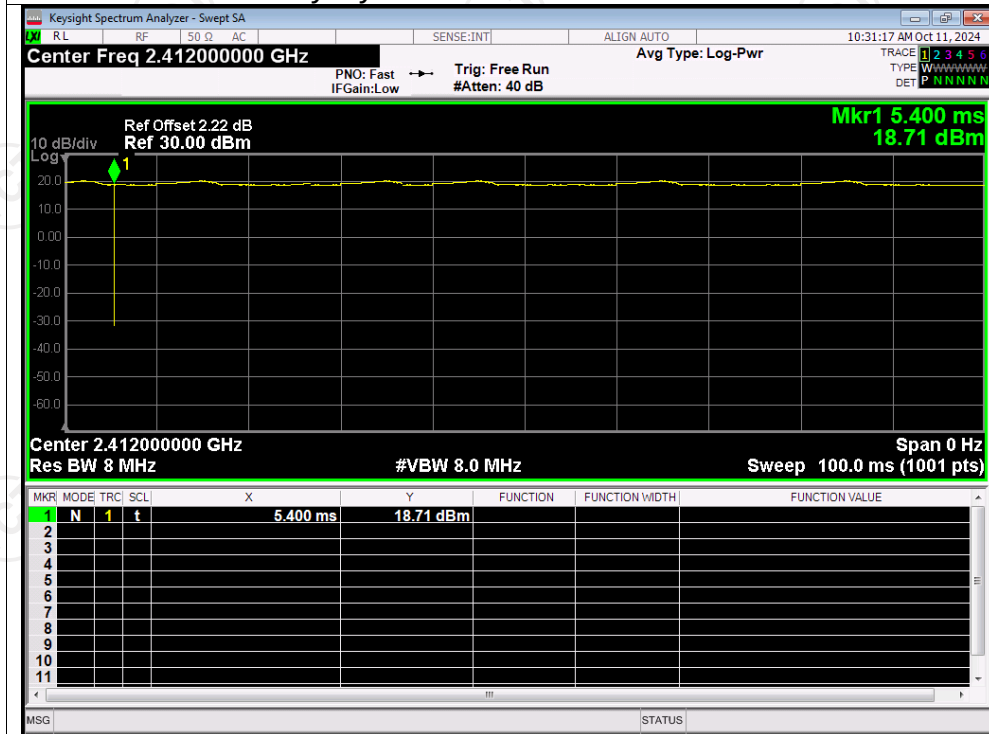
Antenna 2

Duty Cycle

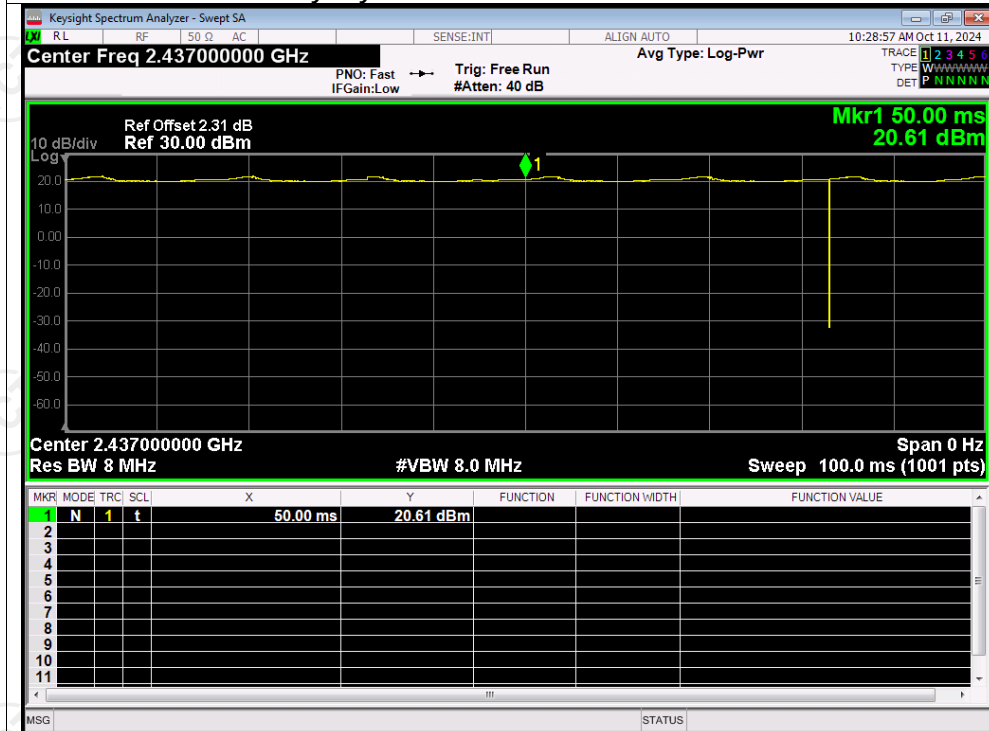
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant2	99.80	0
NVNT	b	2437	Ant2	99.90	0
NVNT	b	2462	Ant2	99.80	0
NVNT	g	2412	Ant2	92.01	0.36
NVNT	g	2437	Ant2	87.11	0.60
NVNT	g	2462	Ant2	87.81	0.56
NVNT	n20	2412	Ant2	92.81	0.32
NVNT	n20	2437	Ant2	92.51	0.34
NVNT	n20	2462	Ant2	97.40	0.11
NVNT	n40	2422	Ant2	84.01	0.76
NVNT	n40	2437	Ant2	87.71	0.57
NVNT	n40	2452	Ant2	88.80	0.52

Test Graphs

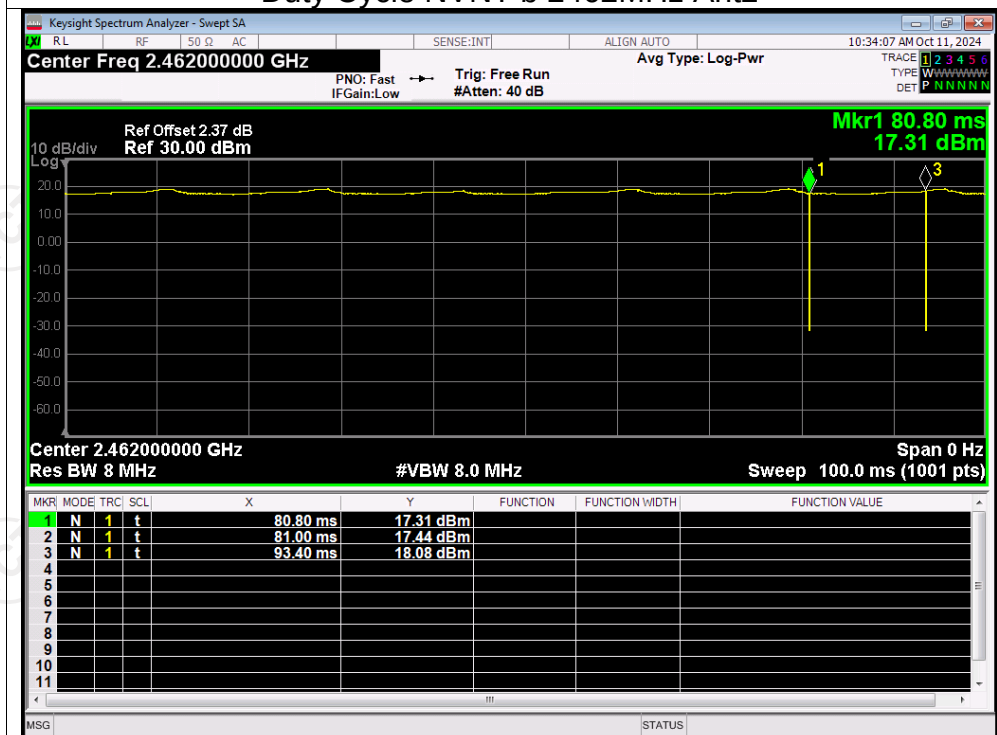
Duty Cycle NVNT b 2412MHz Ant2



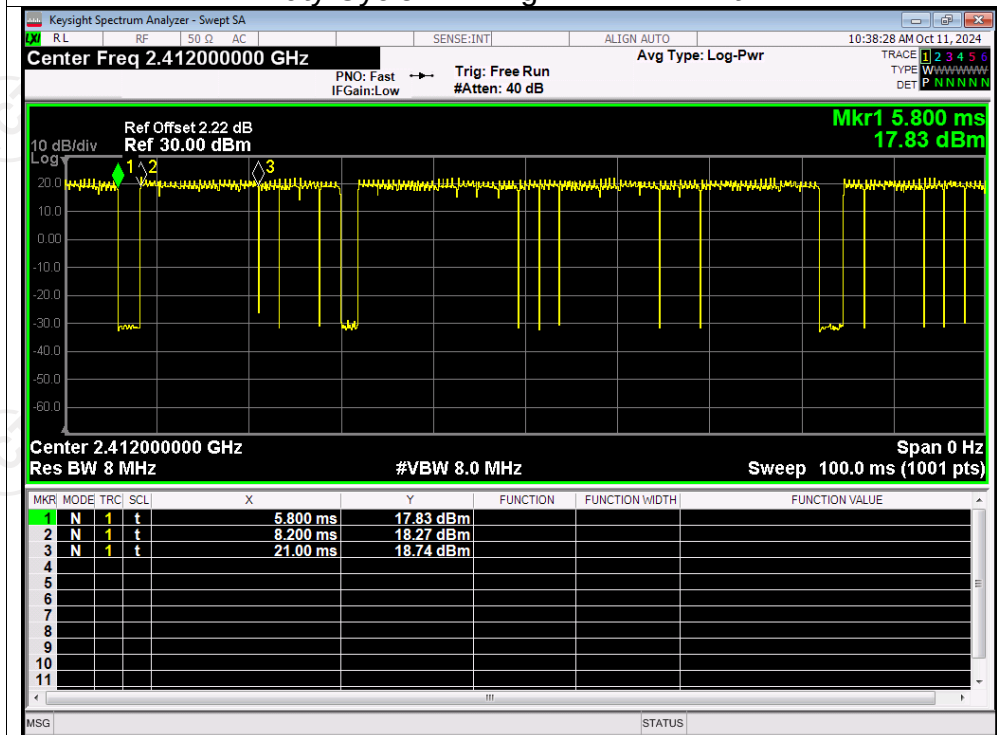
Duty Cycle NVNT b 2437MHz Ant2



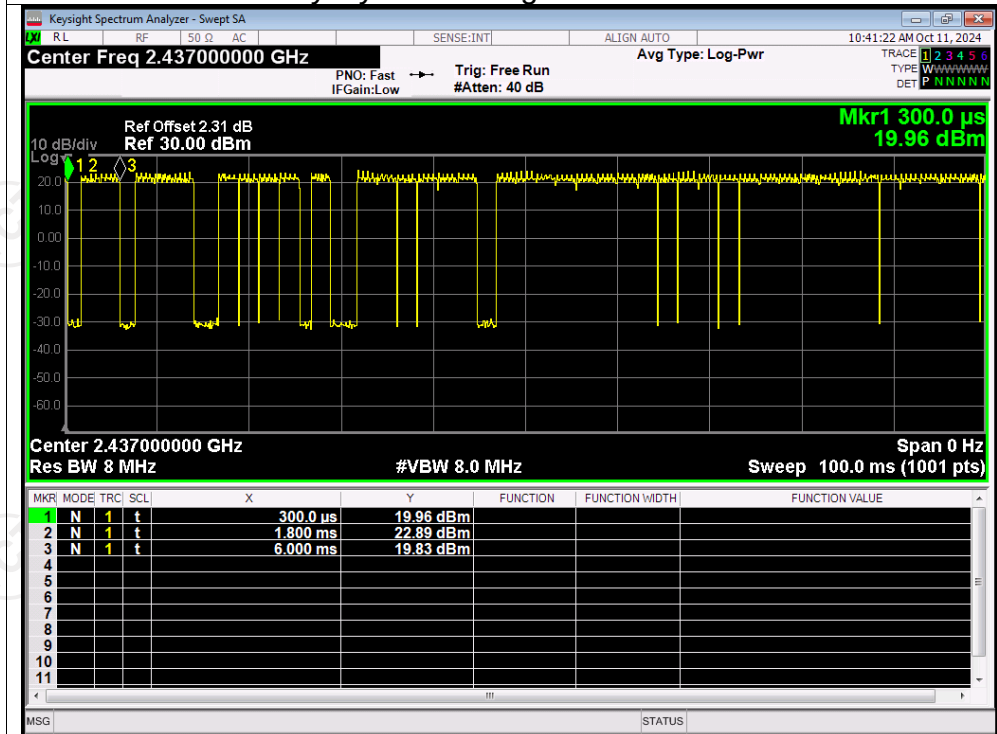
Duty Cycle NVNT b 2462MHz Ant2



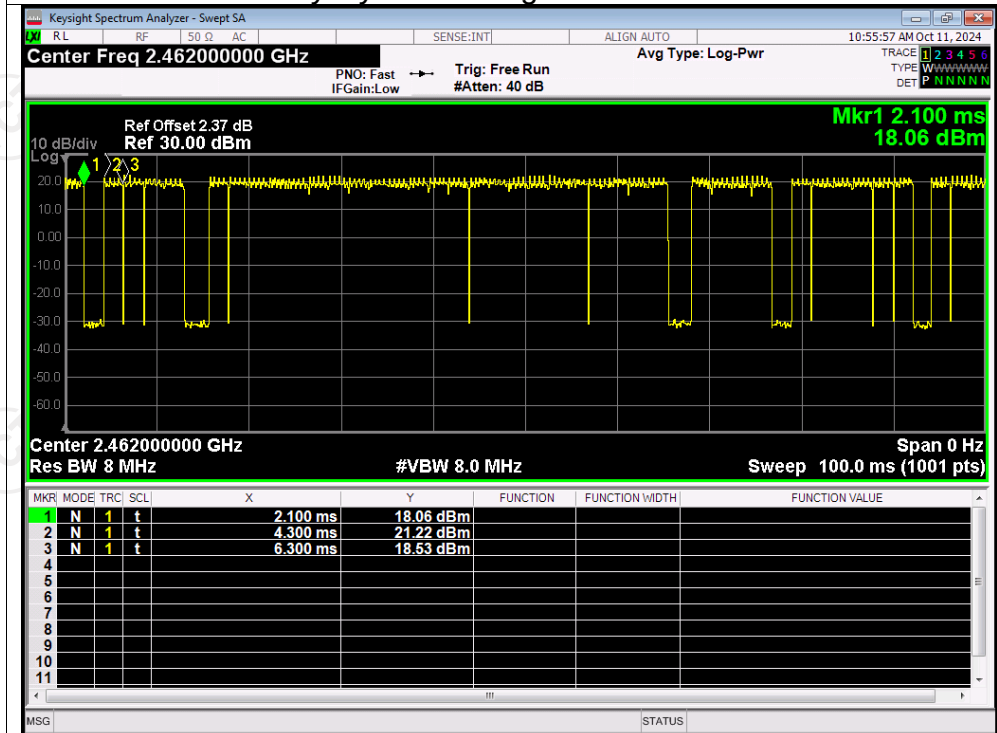
Duty Cycle NVNT g 2412MHz Ant2



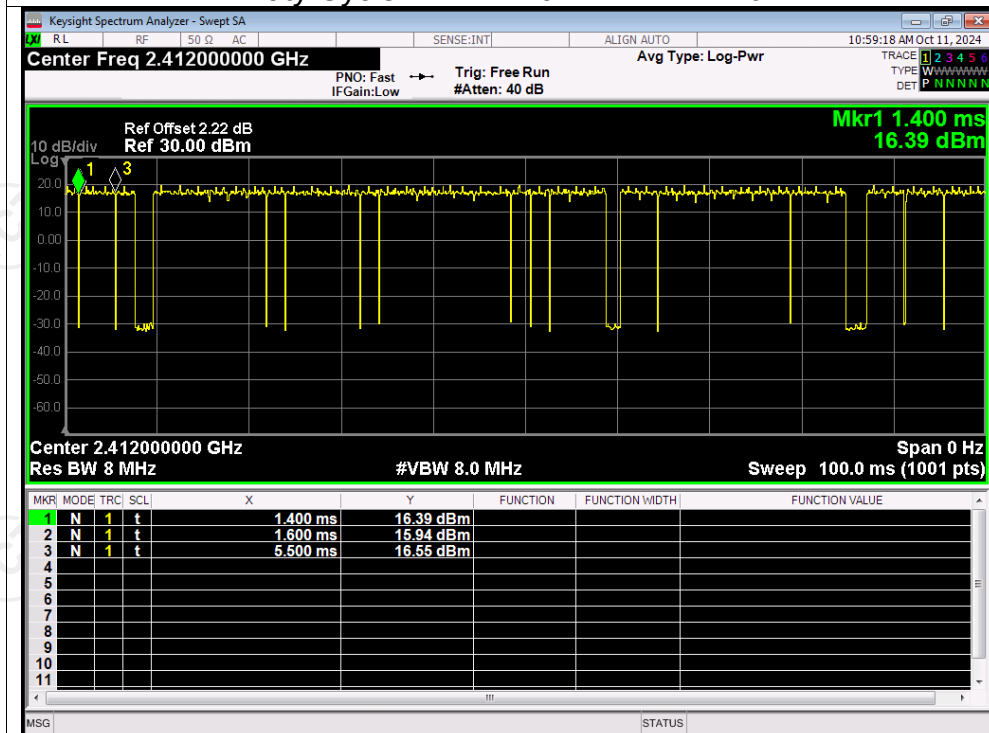
Duty Cycle NVNT g 2437MHz Ant2



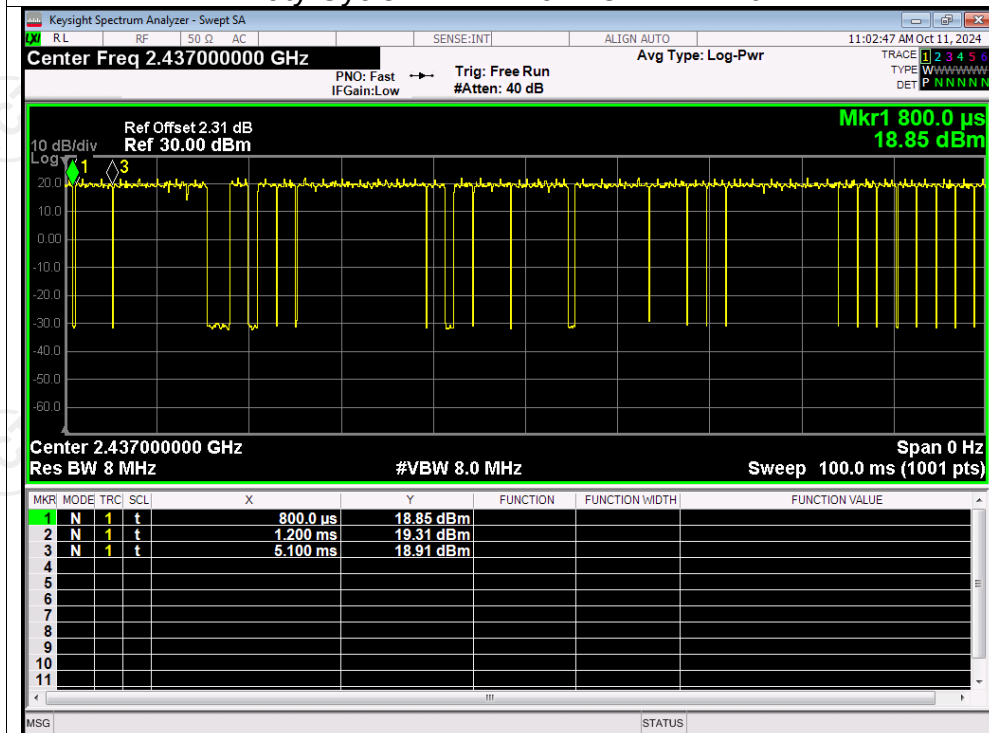
Duty Cycle NVNT g 2462MHz Ant2



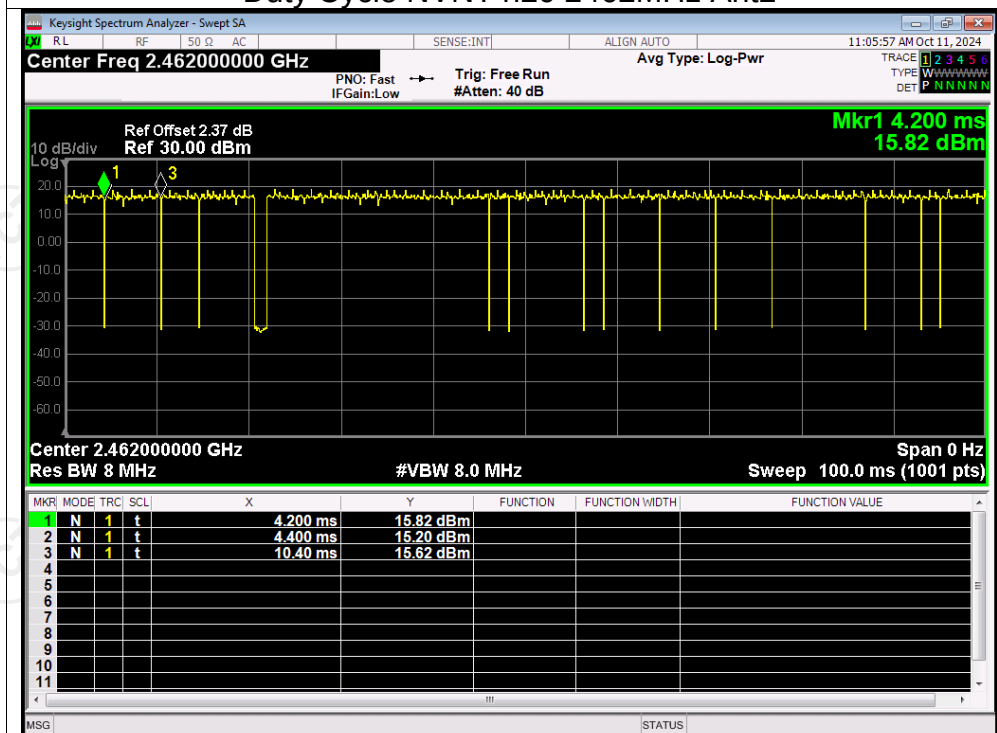
Duty Cycle NVNT n20 2412MHz Ant2



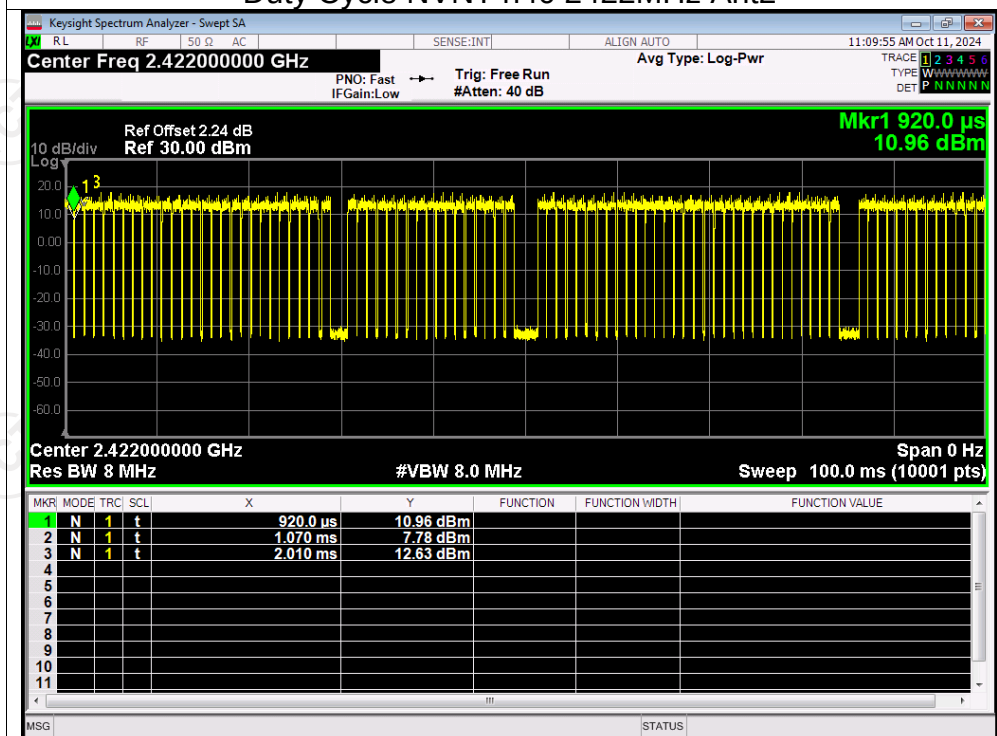
Duty Cycle NVNT n20 2437MHz Ant2



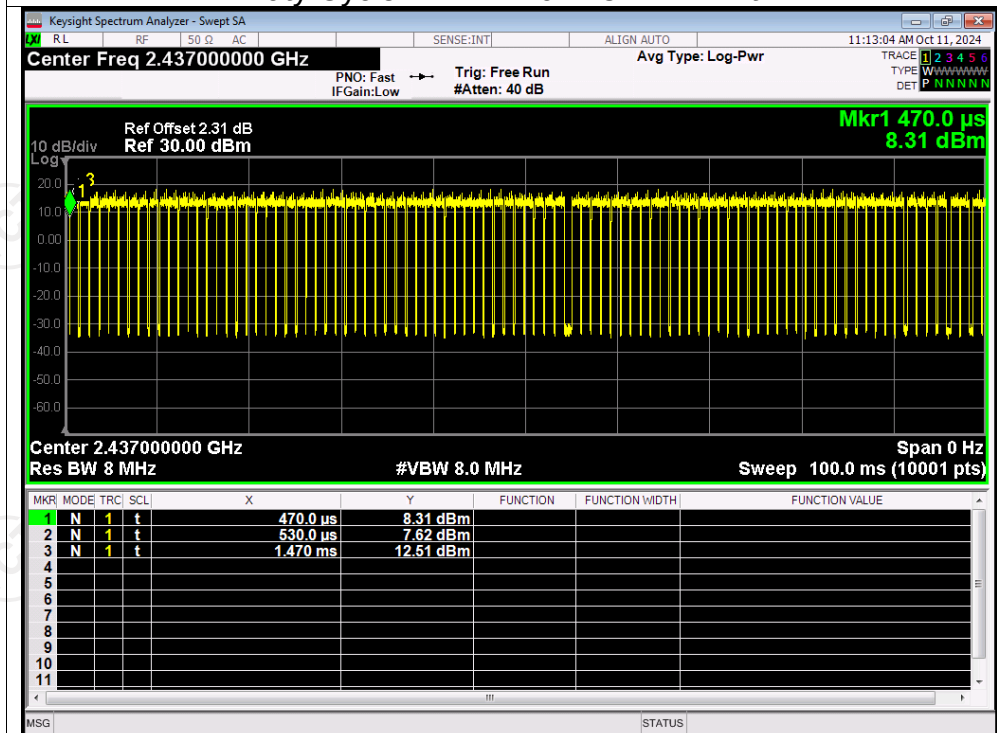
Duty Cycle NVNT n20 2462MHz Ant2



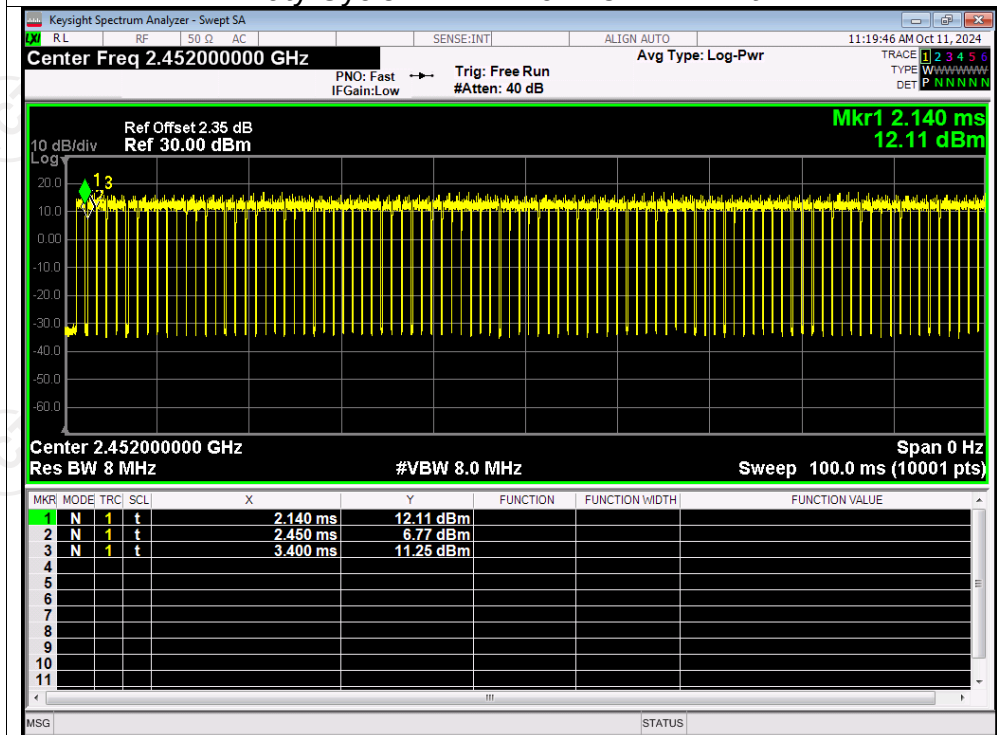
Duty Cycle NVNT n40 2422MHz Ant2



Duty Cycle NVNT n40 2437MHz Ant2



Duty Cycle NVNT n40 2452MHz Ant2

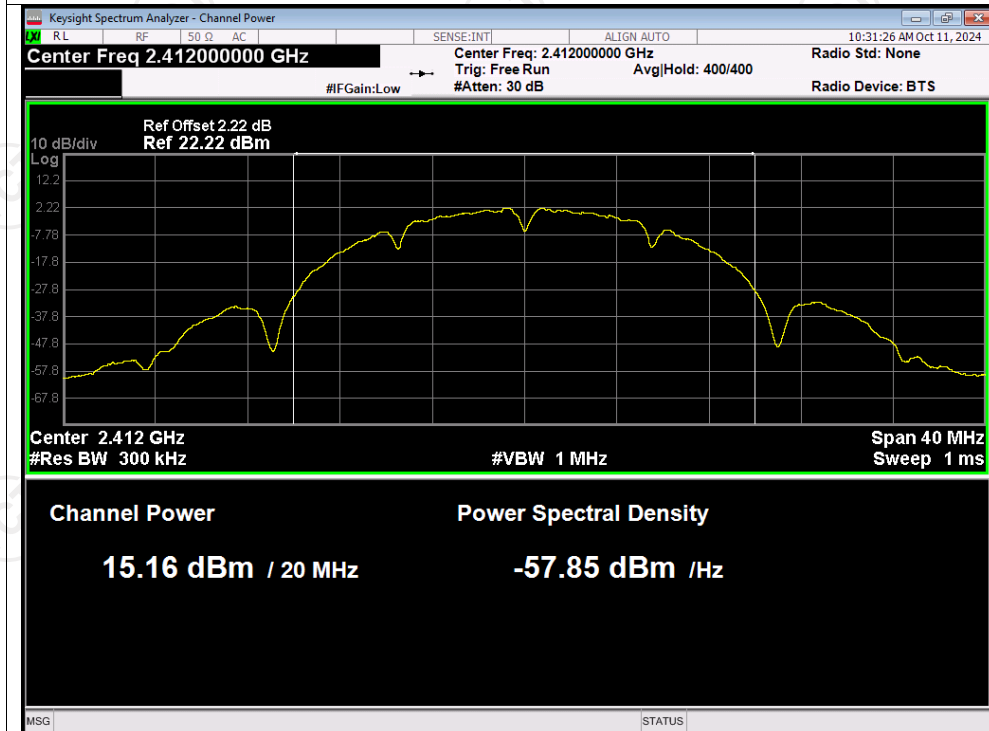


Maximum Conducted Output Power

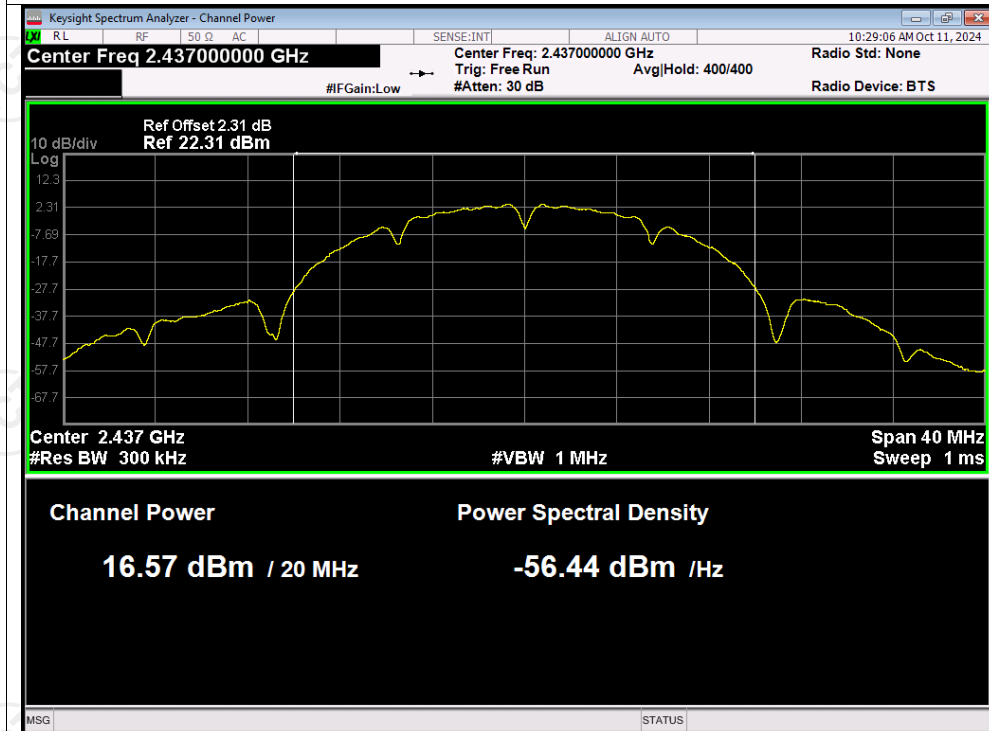
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant2	15.16	0	15.16	30	Pass
NVNT	b	2437	Ant2	16.57	0	16.57	30	Pass
NVNT	b	2462	Ant2	13.97	0	13.97	30	Pass
NVNT	g	2412	Ant2	13.15	0.36	13.51	30	Pass
NVNT	g	2437	Ant2	14.97	0.6	15.57	30	Pass
NVNT	g	2462	Ant2	13.01	0.56	13.57	30	Pass
NVNT	n20	2412	Ant2	11.88	0.32	12.2	30	Pass
NVNT	n20	2437	Ant2	13.86	0.34	14.2	30	Pass
NVNT	n20	2462	Ant2	11.47	0.11	11.58	30	Pass
NVNT	n40	2422	Ant2	11.64	0.76	12.4	30	Pass
NVNT	n40	2437	Ant2	12.75	0.57	13.32	30	Pass
NVNT	n40	2452	Ant2	11.36	0.52	11.88	30	Pass

Test Graphs

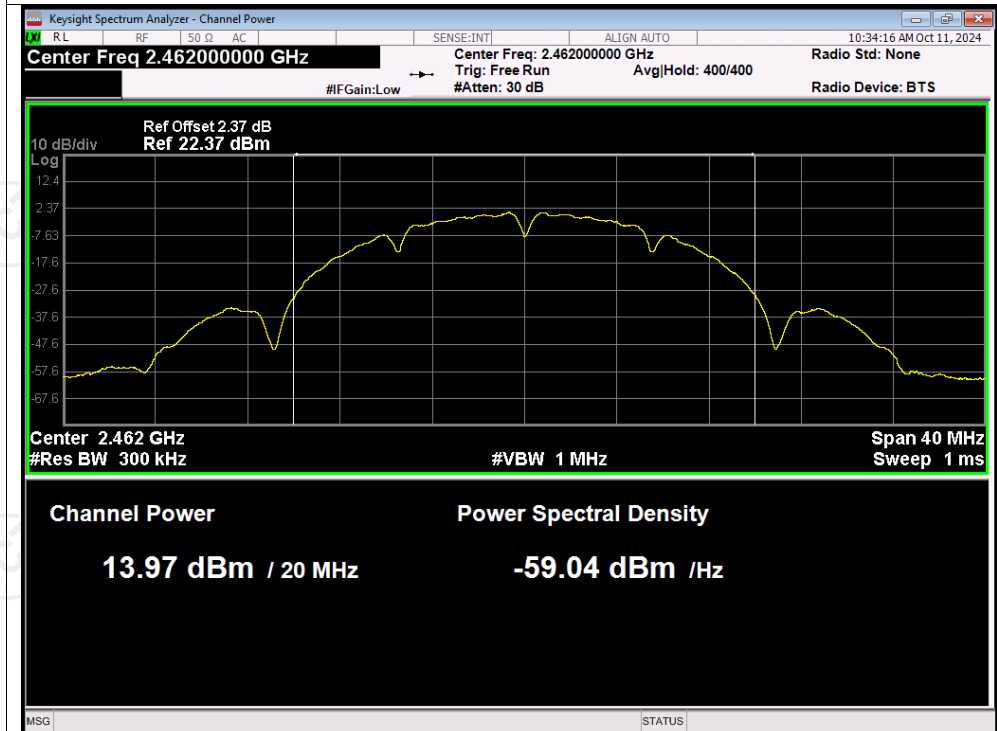
Power NVNT b 2412MHz Ant2



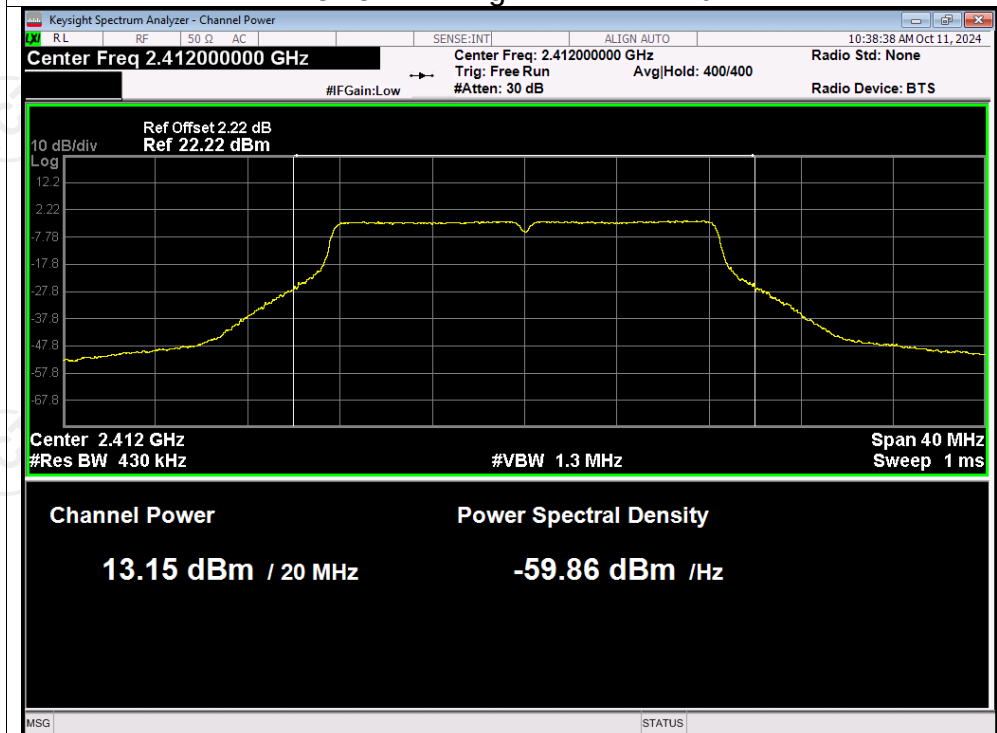
Power NVNT b 2437MHz Ant2



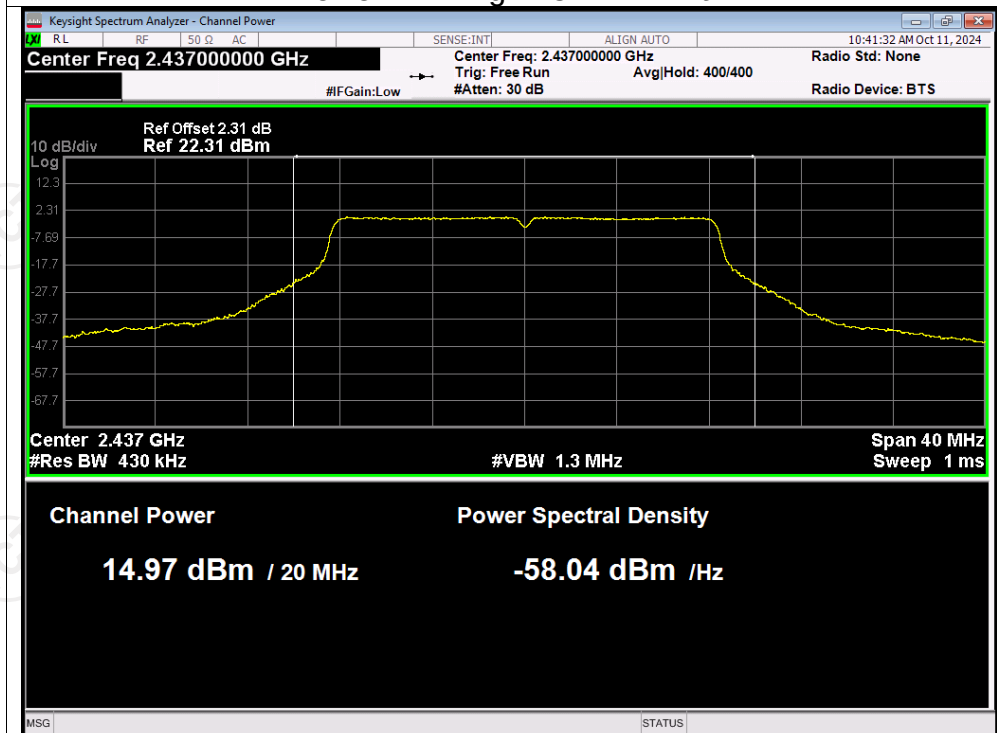
Power NVNT b 2462MHz Ant2



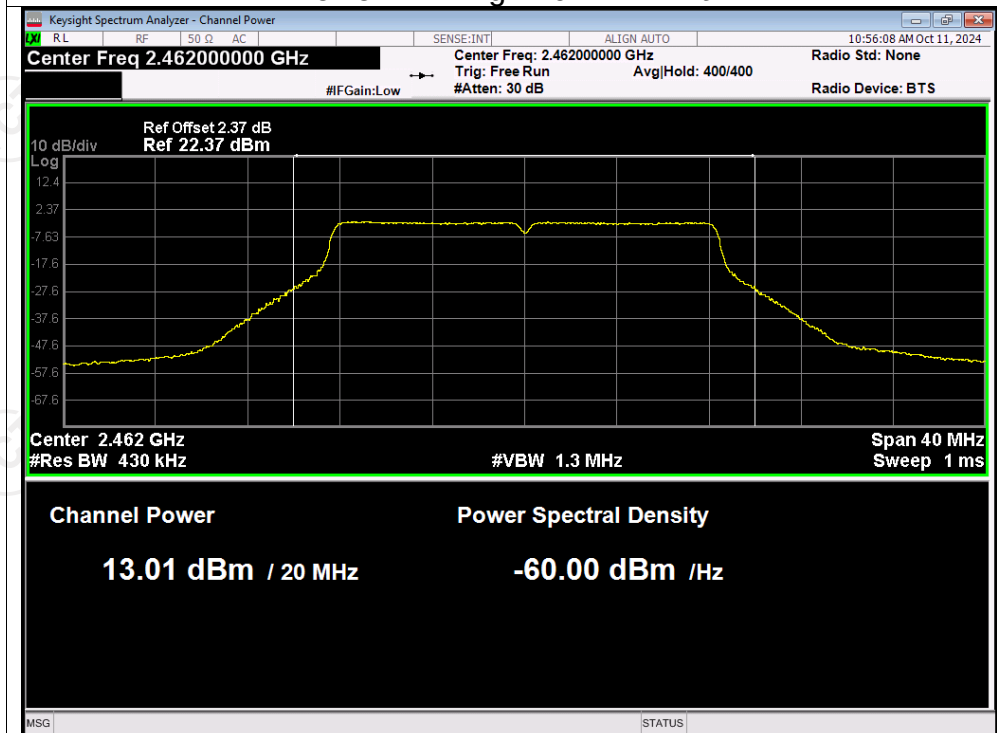
Power NVNT g 2412MHz Ant2



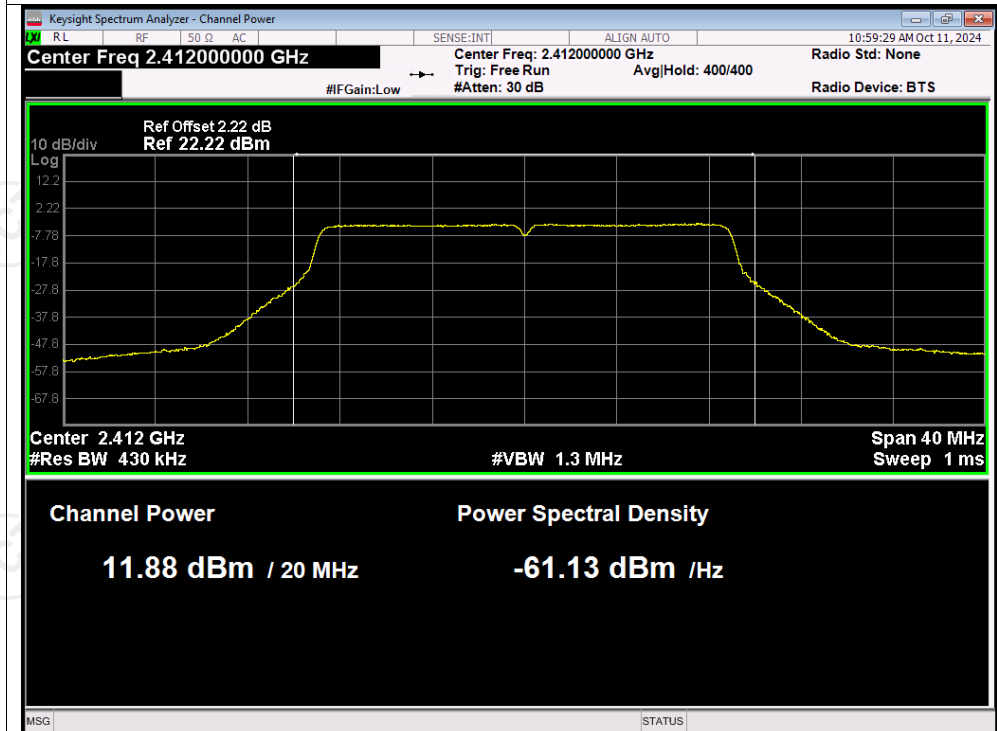
Power NVNT g 2437MHz Ant2



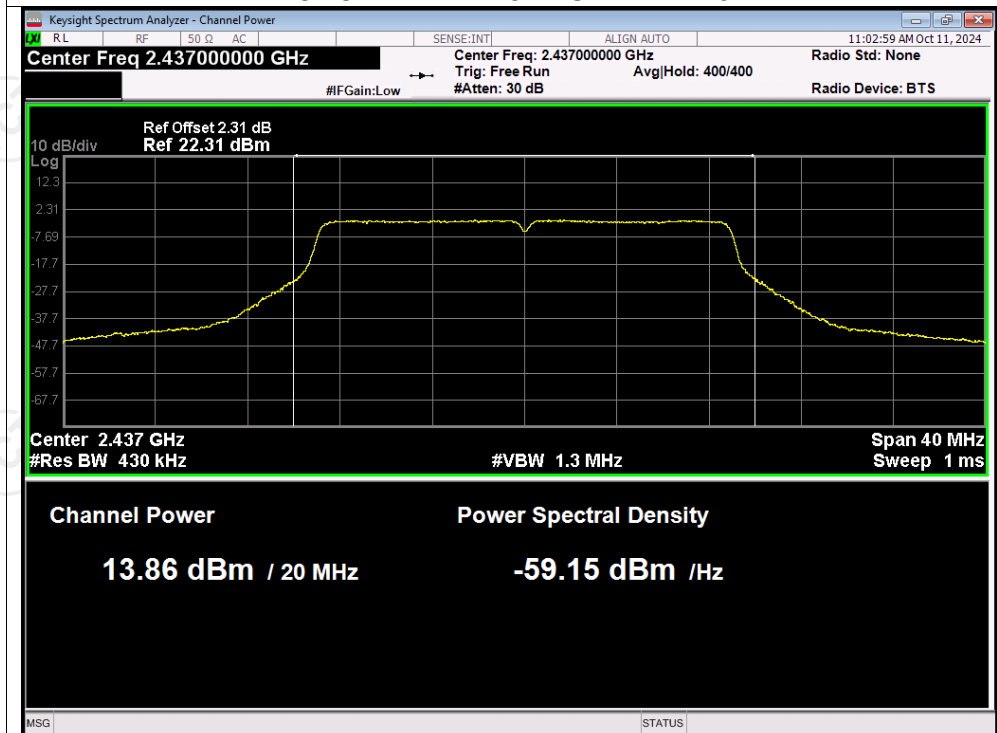
Power NVNT g 2462MHz Ant2



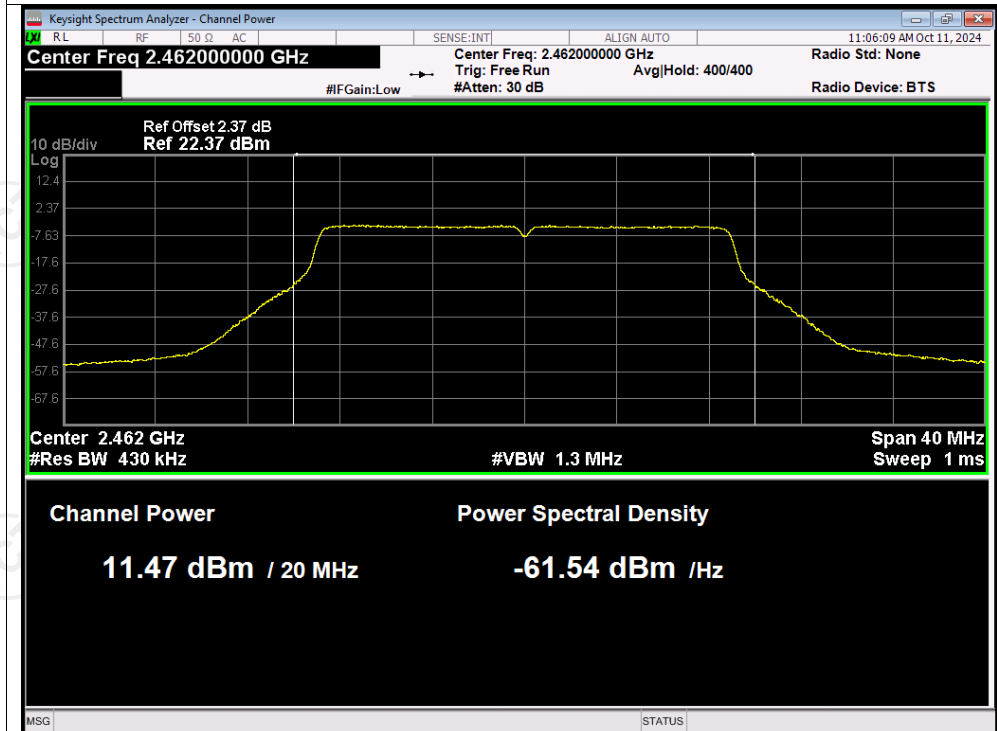
Power NVNT n20 2412MHz Ant2



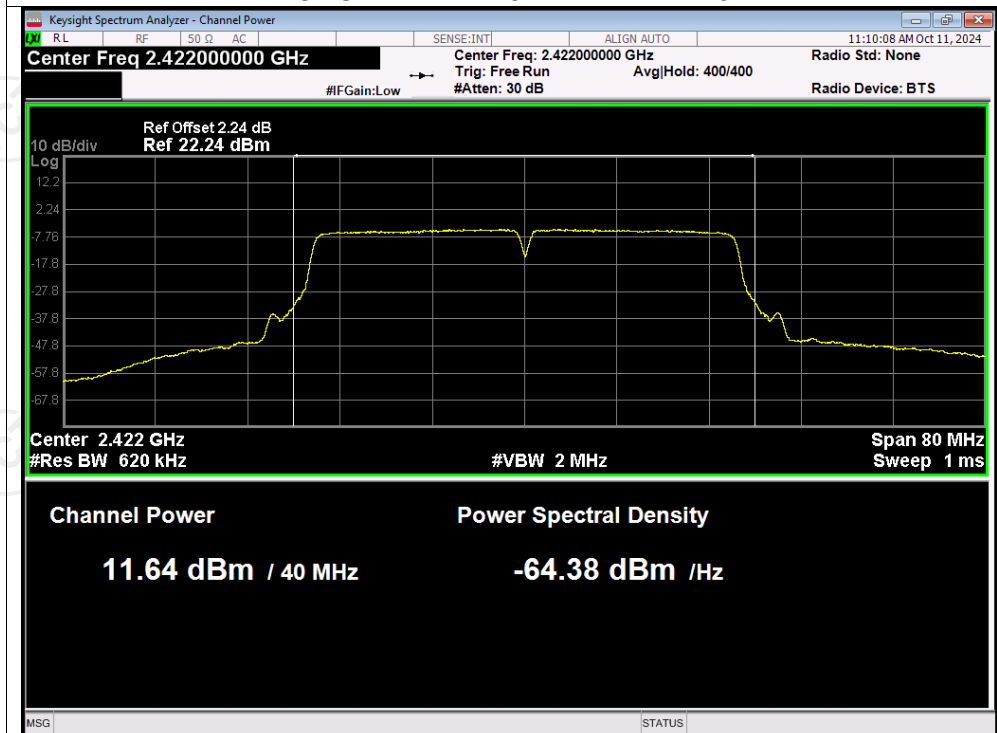
Power NVNT n20 2437MHz Ant2



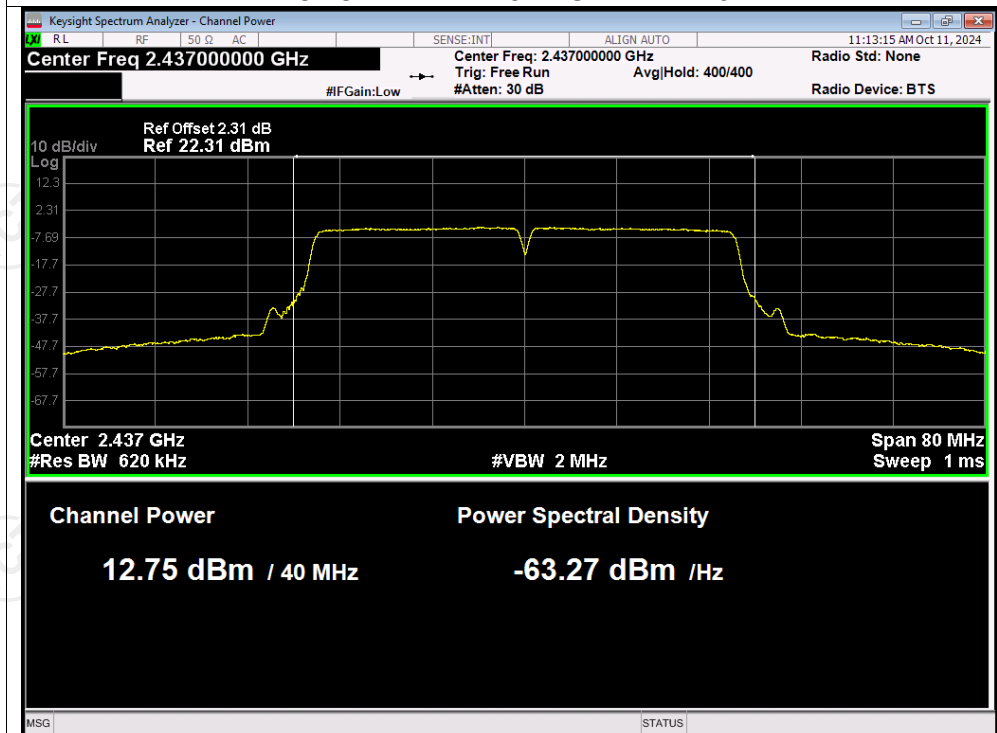
Power NVNT n20 2462MHz Ant2



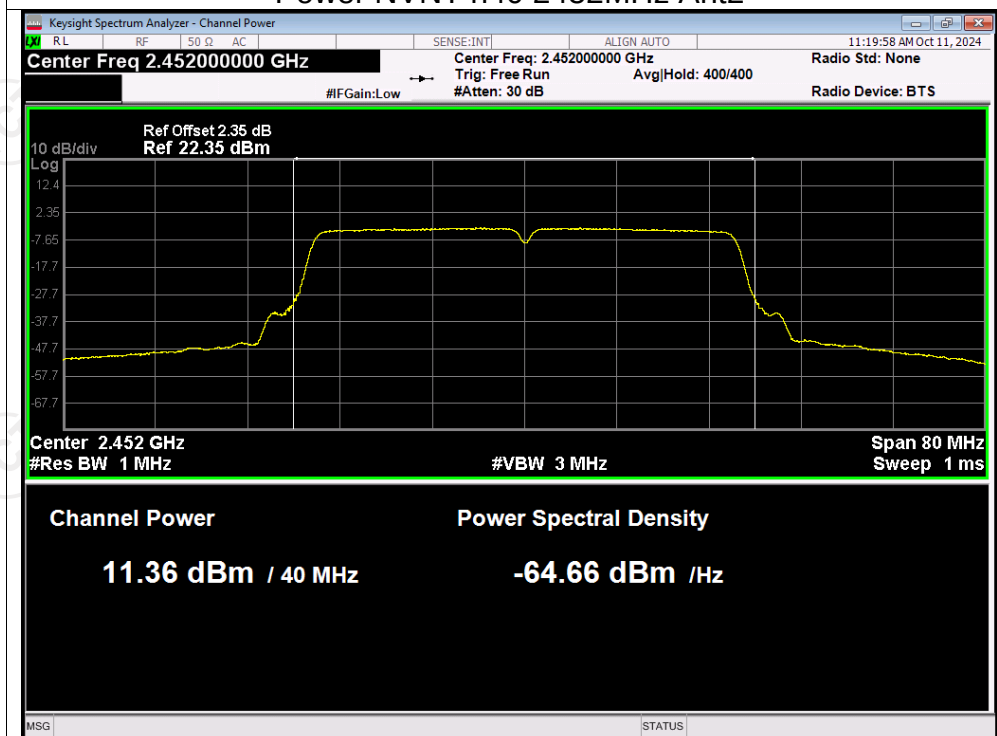
Power NVNT n40 2422MHz Ant2



Power NVNT n40 2437MHz Ant2



Power NVNT n40 2452MHz Ant2

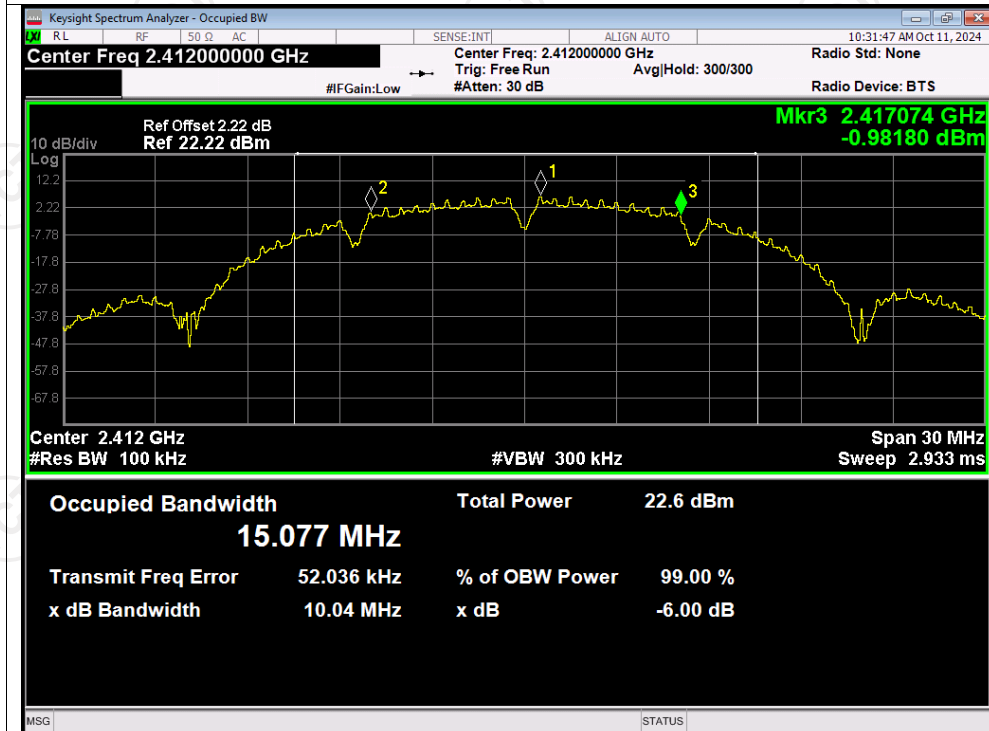


-6dB Bandwidth

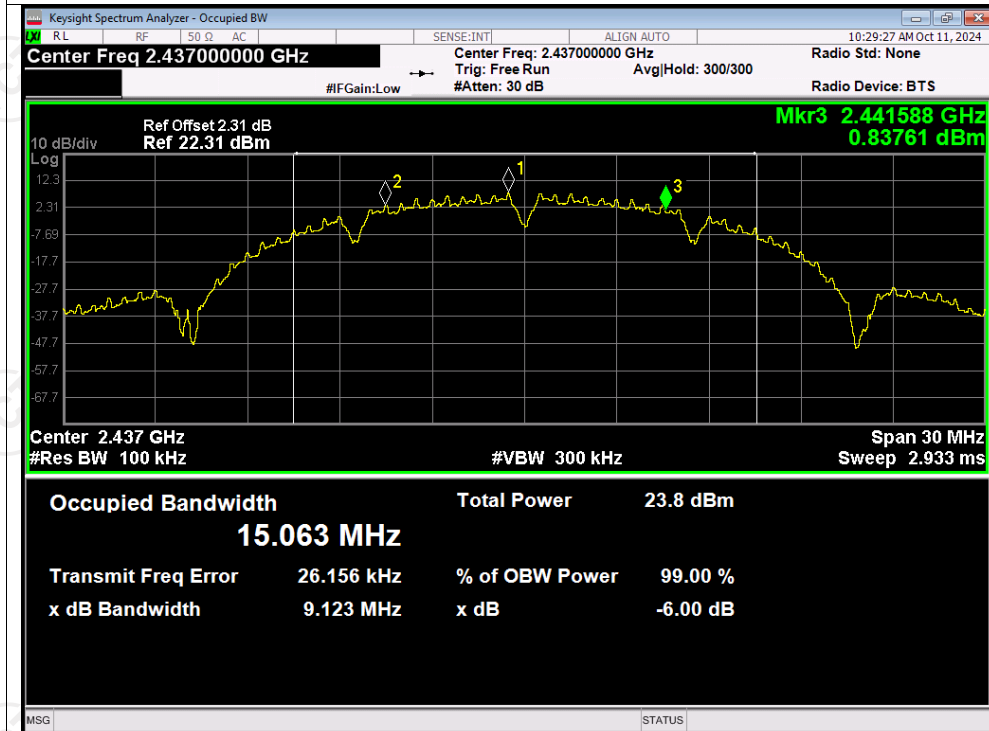
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant2	10.043	0.5	Pass
NVNT	b	2437	Ant2	9.123	0.5	Pass
NVNT	b	2462	Ant2	10.029	0.5	Pass
NVNT	g	2412	Ant2	16.366	0.5	Pass
NVNT	g	2437	Ant2	16.379	0.5	Pass
NVNT	g	2462	Ant2	16.370	0.5	Pass
NVNT	n20	2412	Ant2	17.580	0.5	Pass
NVNT	n20	2437	Ant2	17.590	0.5	Pass
NVNT	n20	2462	Ant2	17.626	0.5	Pass
NVNT	n40	2422	Ant2	35.407	0.5	Pass
NVNT	n40	2437	Ant2	35.846	0.5	Pass
NVNT	n40	2452	Ant2	35.699	0.5	Pass

Test Graphs

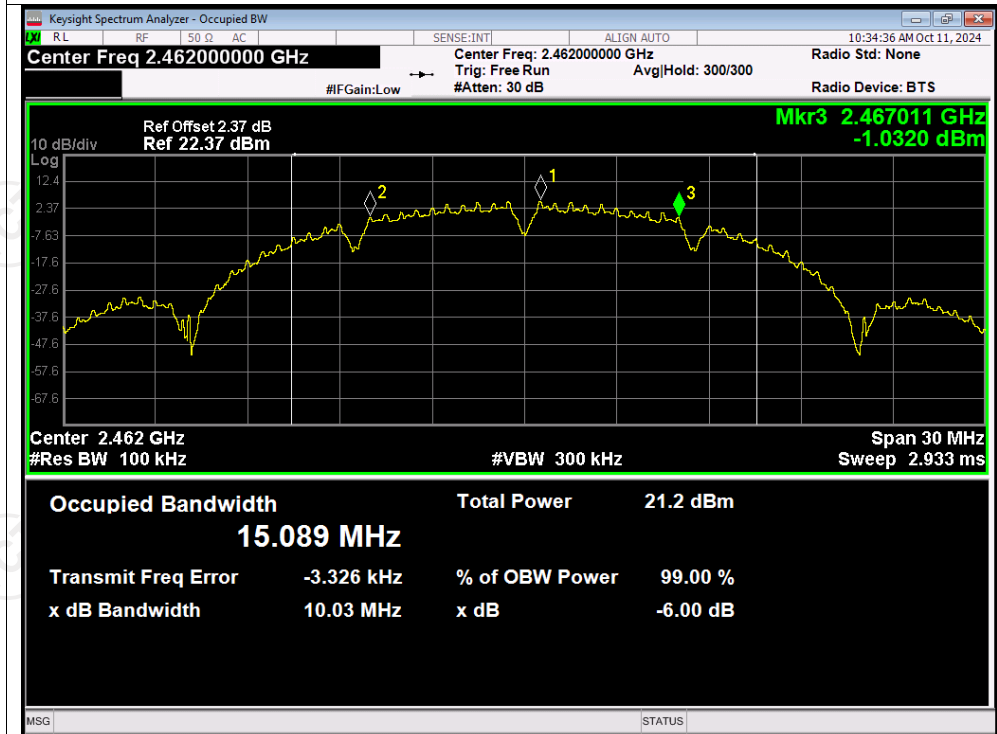
-6dB Bandwidth NVNT b 2412MHz Ant2



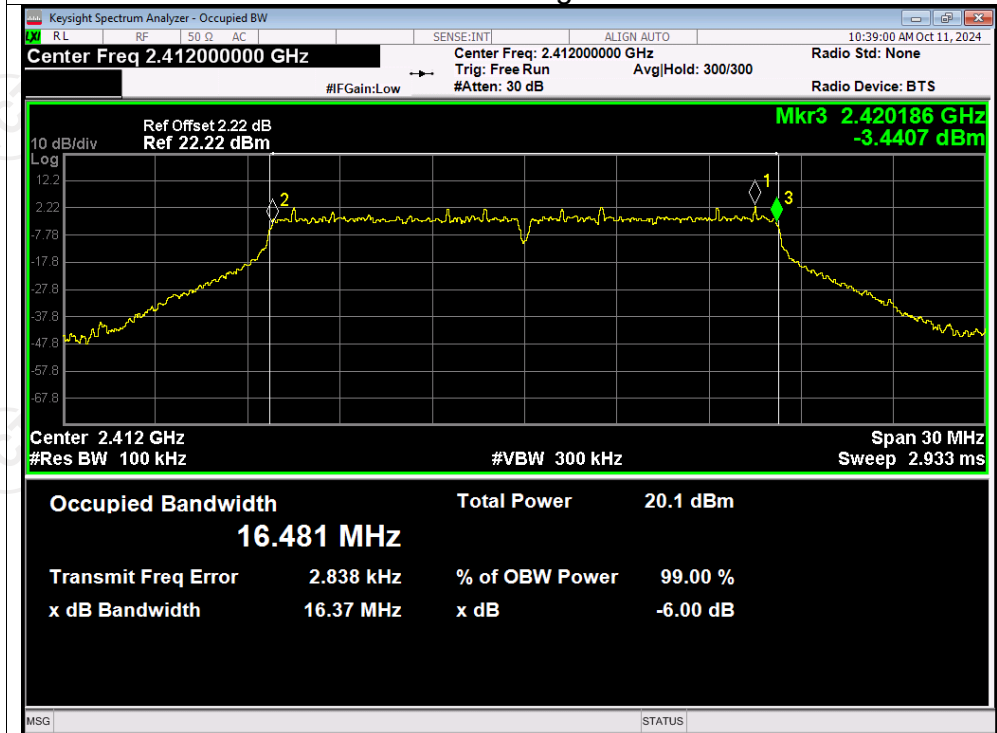
-6dB Bandwidth NVNT b 2437MHz Ant2



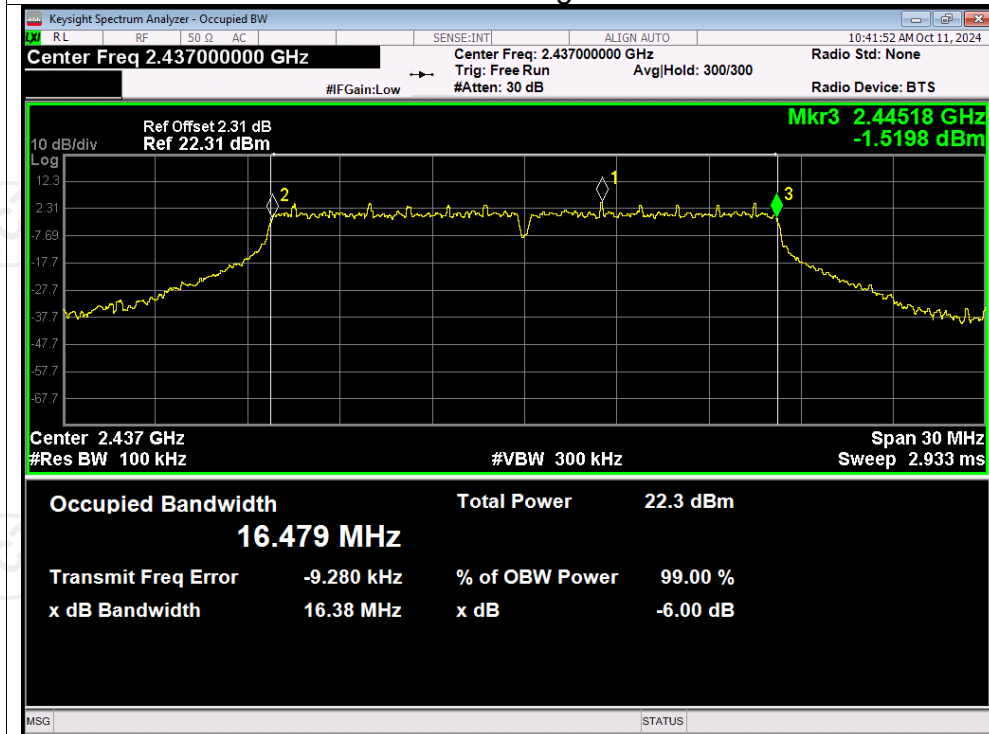
-6dB Bandwidth NVNT b 2462MHz Ant2



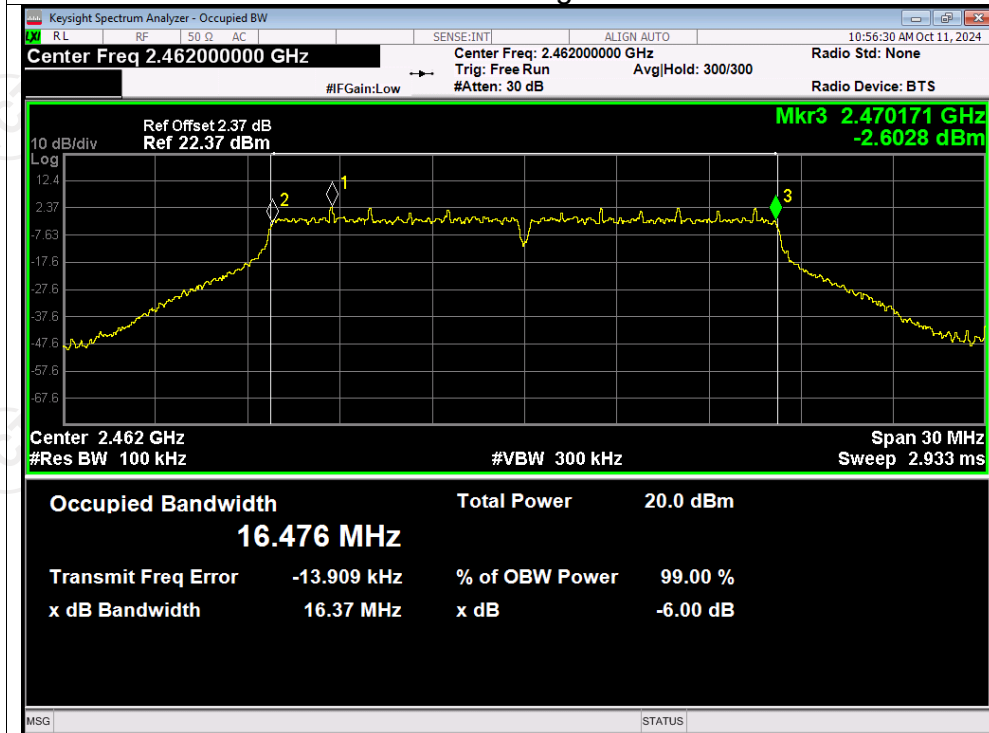
-6dB Bandwidth NVNT g 2412MHz Ant2

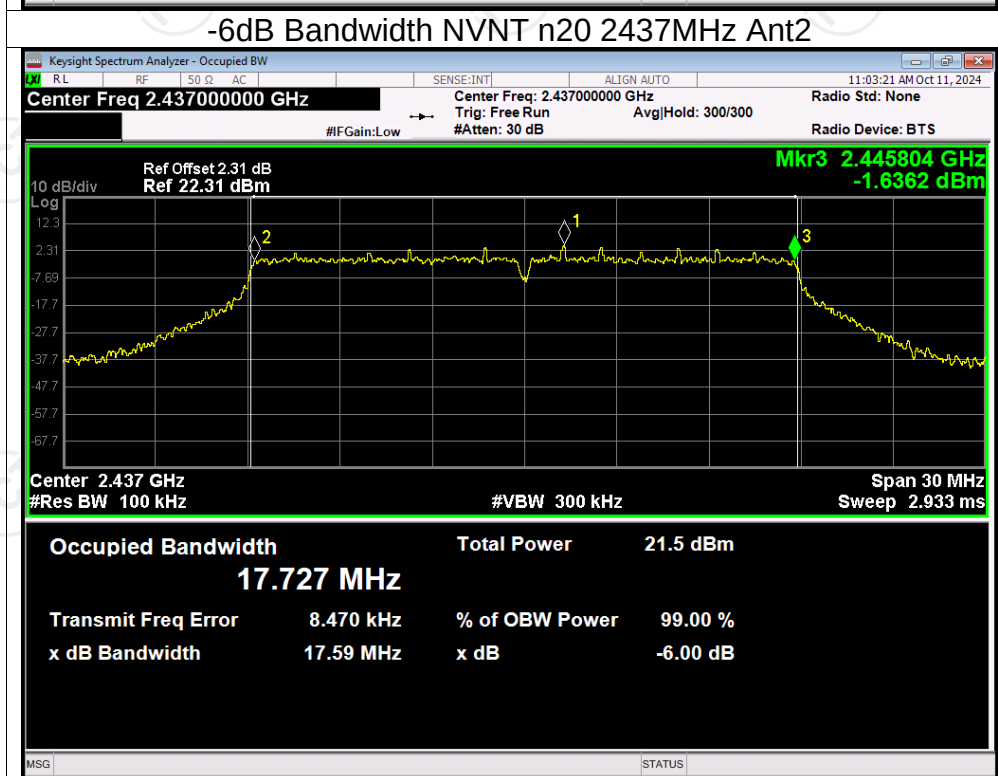
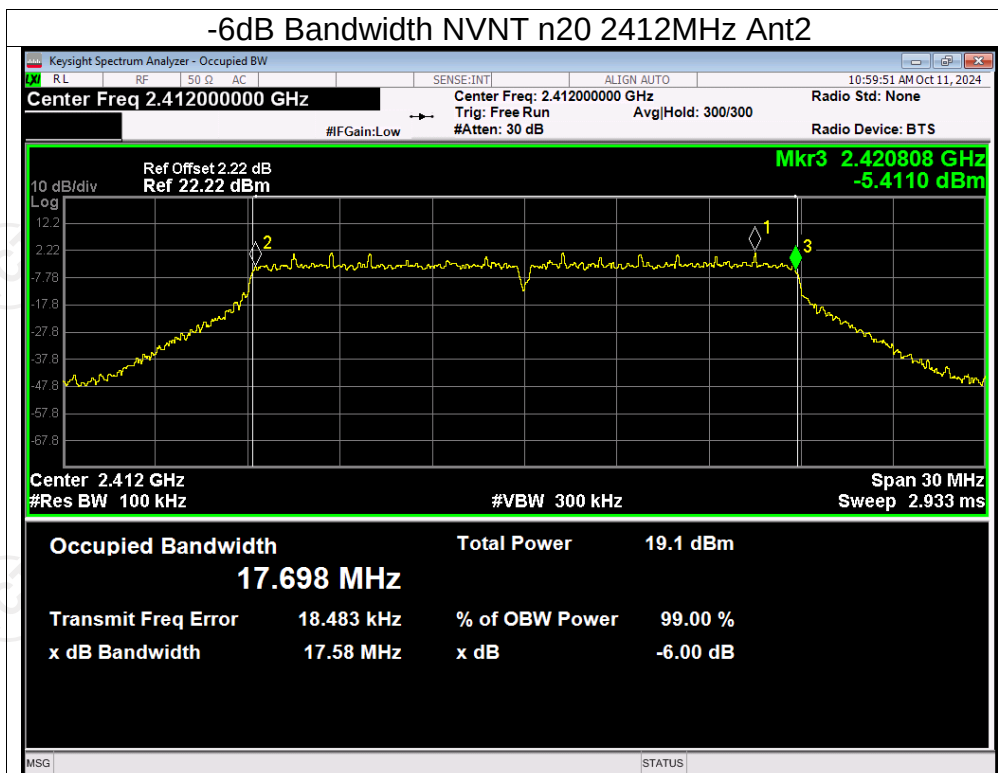


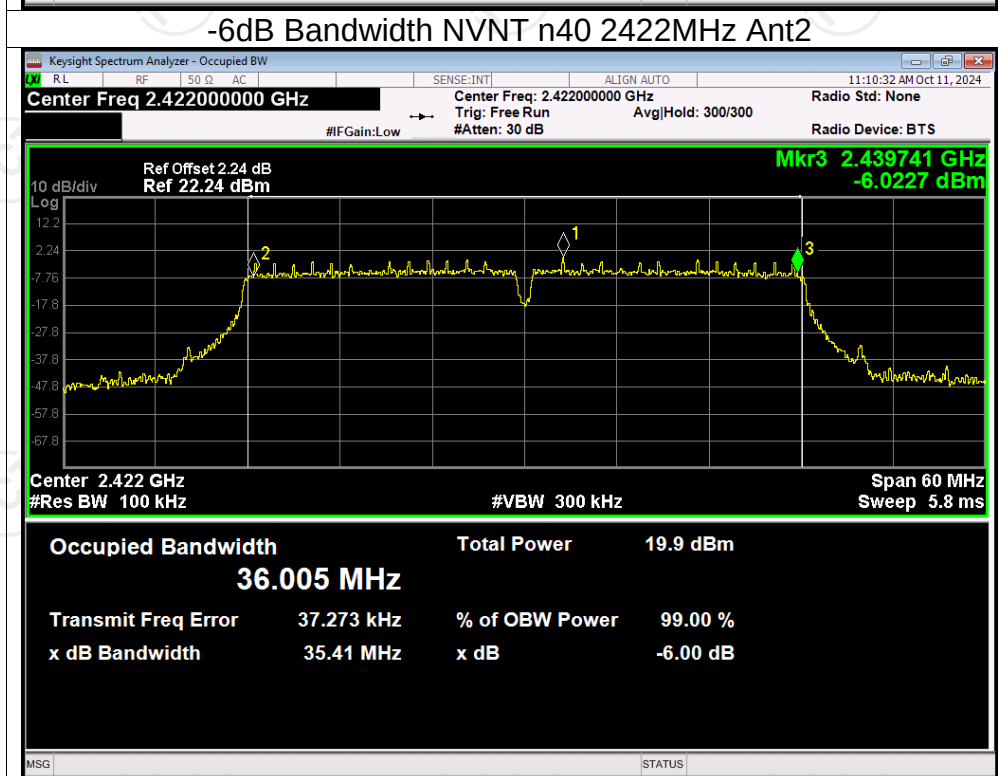
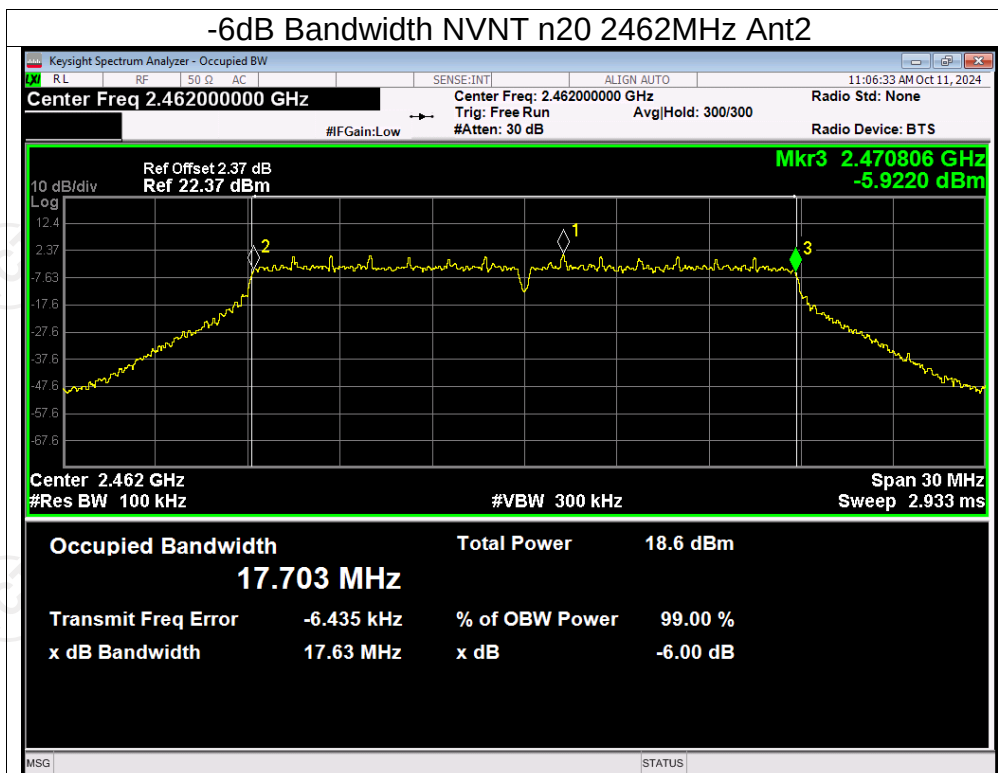
-6dB Bandwidth NVNT g 2437MHz Ant2

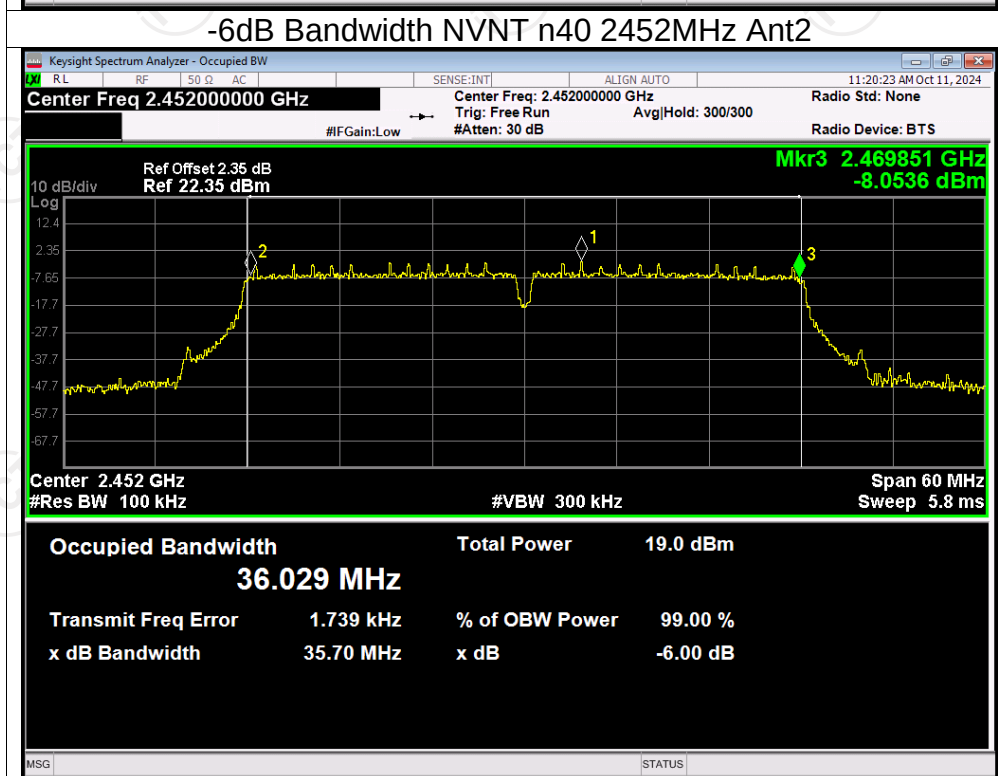
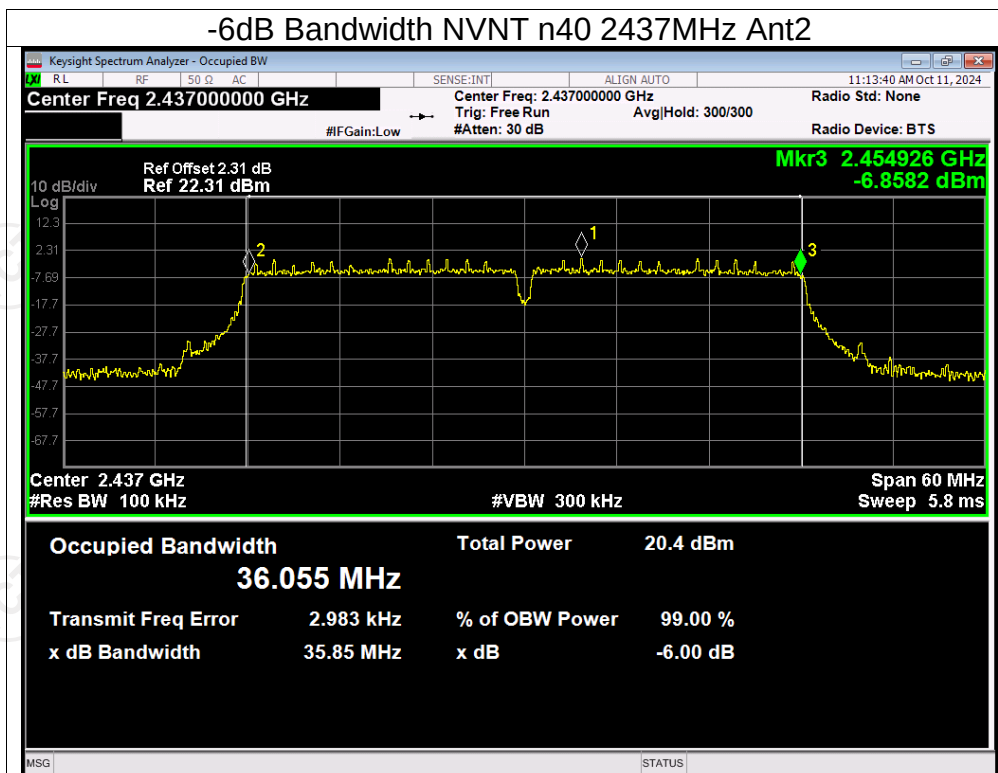


-6dB Bandwidth NVNT g 2462MHz Ant2









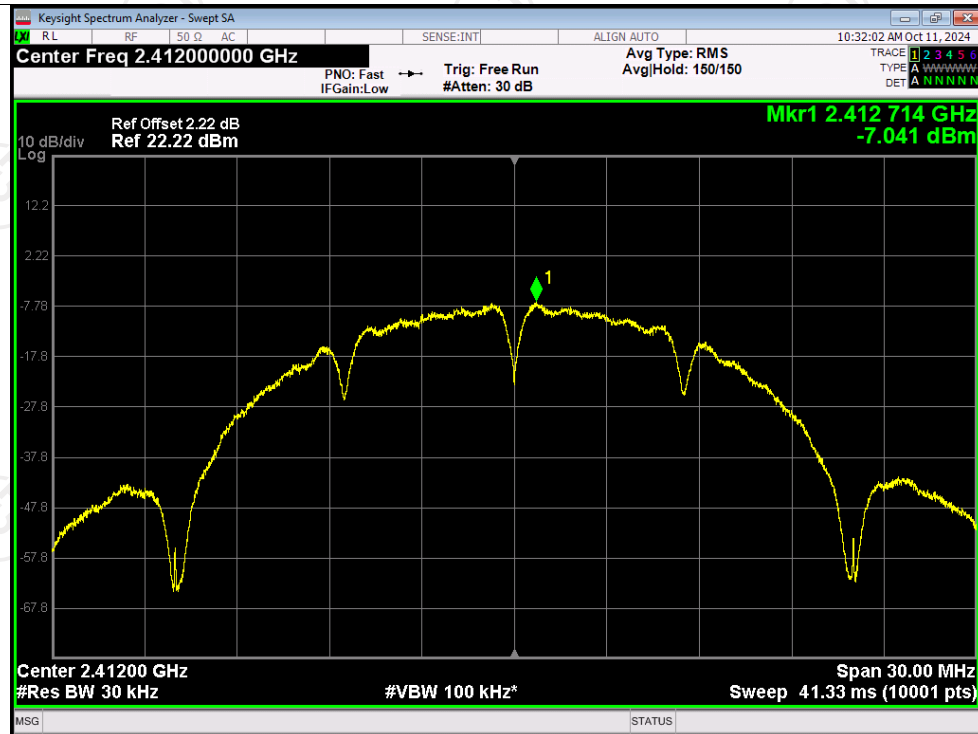
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/30kHz)	Duty Factor (dB)	Total PSD (dBm/30kHz)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant2	-7.04	0	-7.04	-17.04	8	Pass
NVNT	b	2437	Ant2	-5.49	0	-5.49	-15.49	8	Pass
NVNT	b	2462	Ant2	-8.39	0	-8.39	-18.39	8	Pass
NVNT	g	2412	Ant2	-11.11	0.36	-10.75	-20.75	8	Pass
NVNT	g	2437	Ant2	-9.73	0.6	-9.13	-19.13	8	Pass
NVNT	g	2462	Ant2	-11.14	0.56	-10.58	-20.58	8	Pass
NVNT	n20	2412	Ant2	-12.49	0.32	-12.17	-22.17	8	Pass
NVNT	n20	2437	Ant2	-10.90	0.34	-10.56	-20.56	8	Pass
NVNT	n20	2462	Ant2	-13.25	0.11	-13.14	-23.14	8	Pass
NVNT	n40	2422	Ant2	-14.68	0.76	-13.92	-23.92	8	Pass
NVNT	n40	2437	Ant2	-14.15	0.57	-13.58	-23.58	8	Pass
NVNT	n40	2452	Ant2	-15.64	0.52	-15.12	-25.12	8	Pass

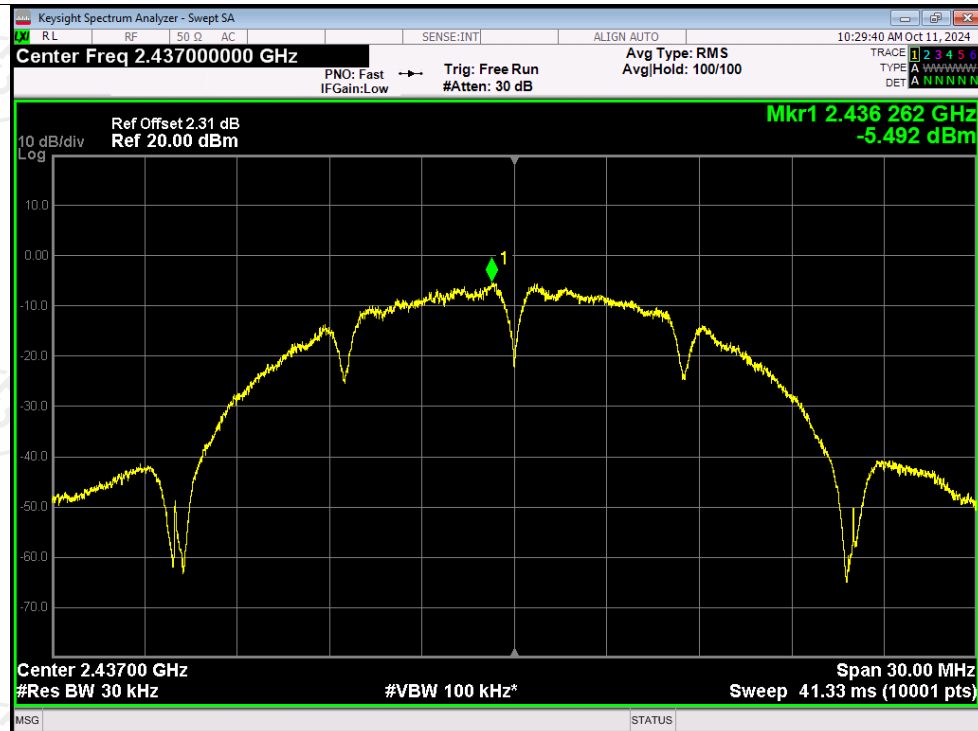
Note: Total PSD (dBm/3kHz) = Total PSD (dBm/30kHz) +10log(3kHz/30kHz)

Test Graphs

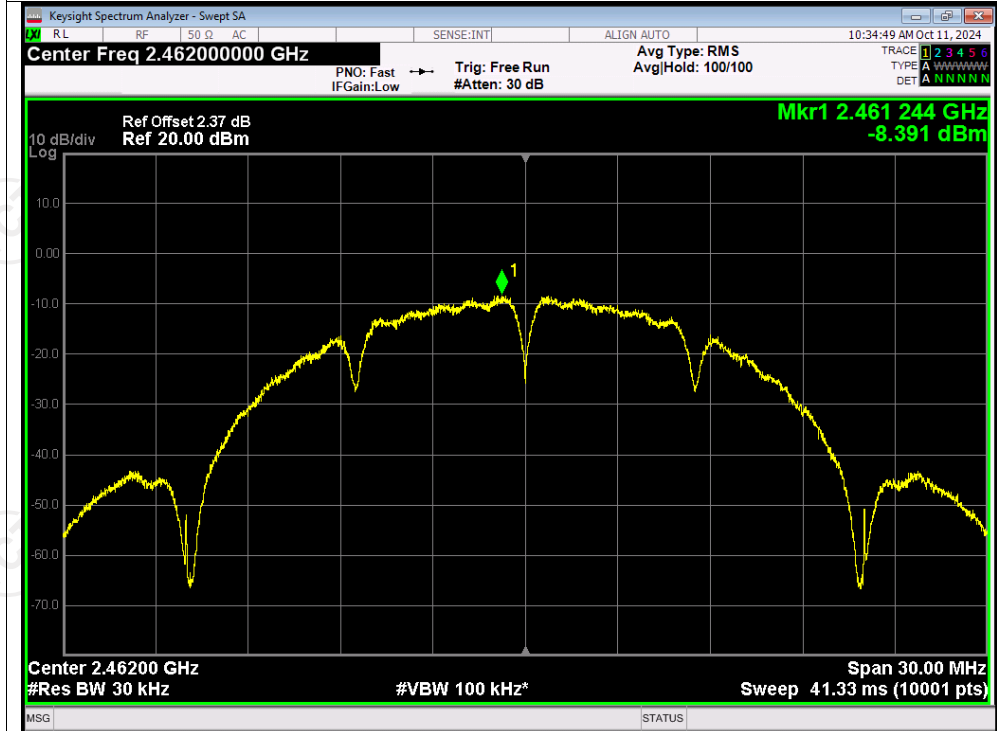
PSD NVNT b 2412MHz Ant2



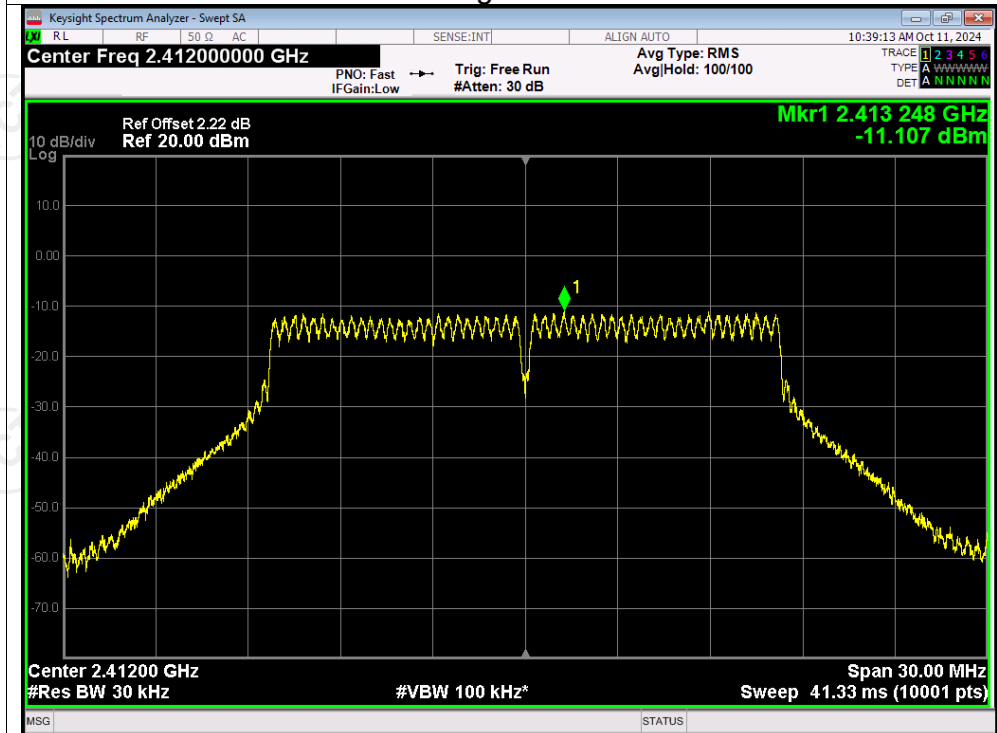
PSD NVNT b 2437MHz Ant2



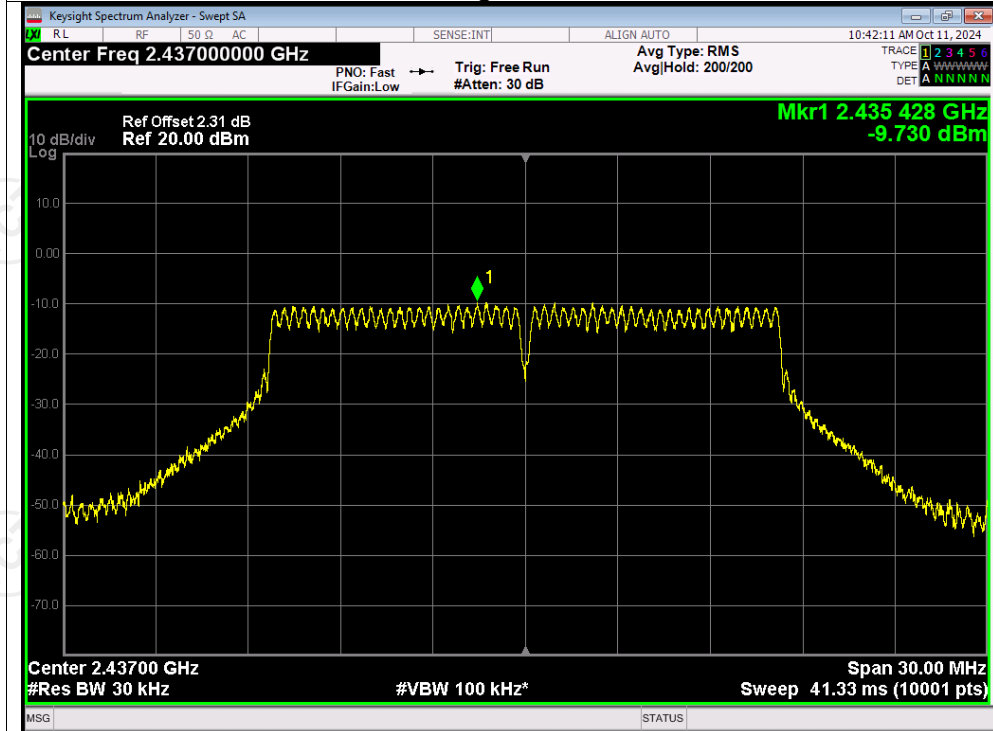
PSD NVNT b 2462MHz Ant2



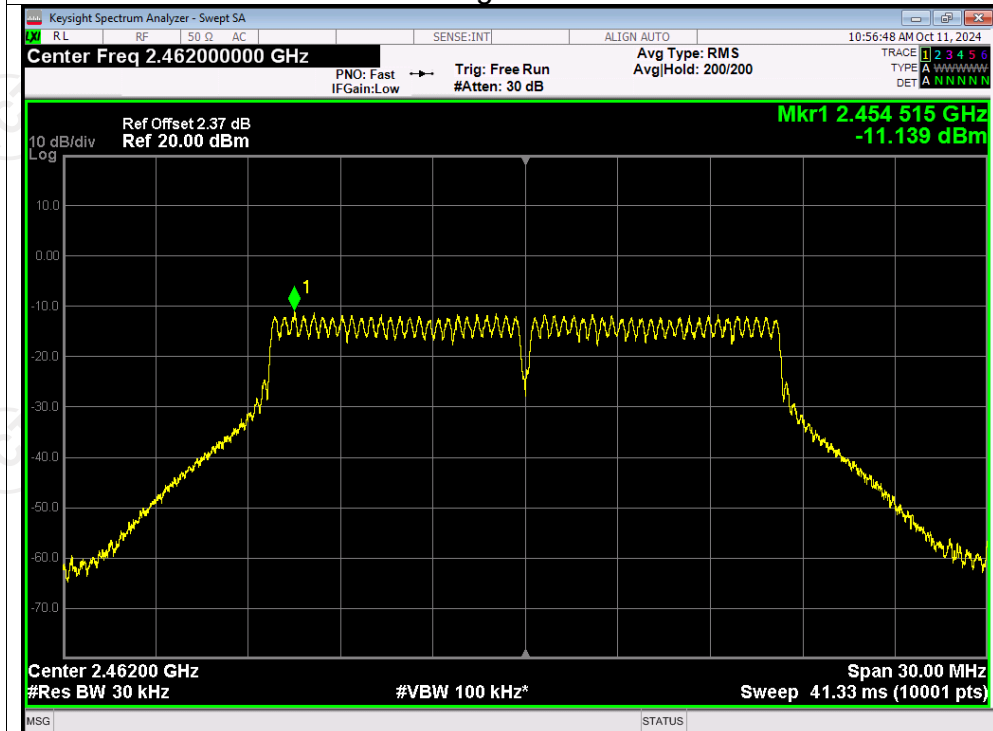
PSD NVNT g 2412MHz Ant2

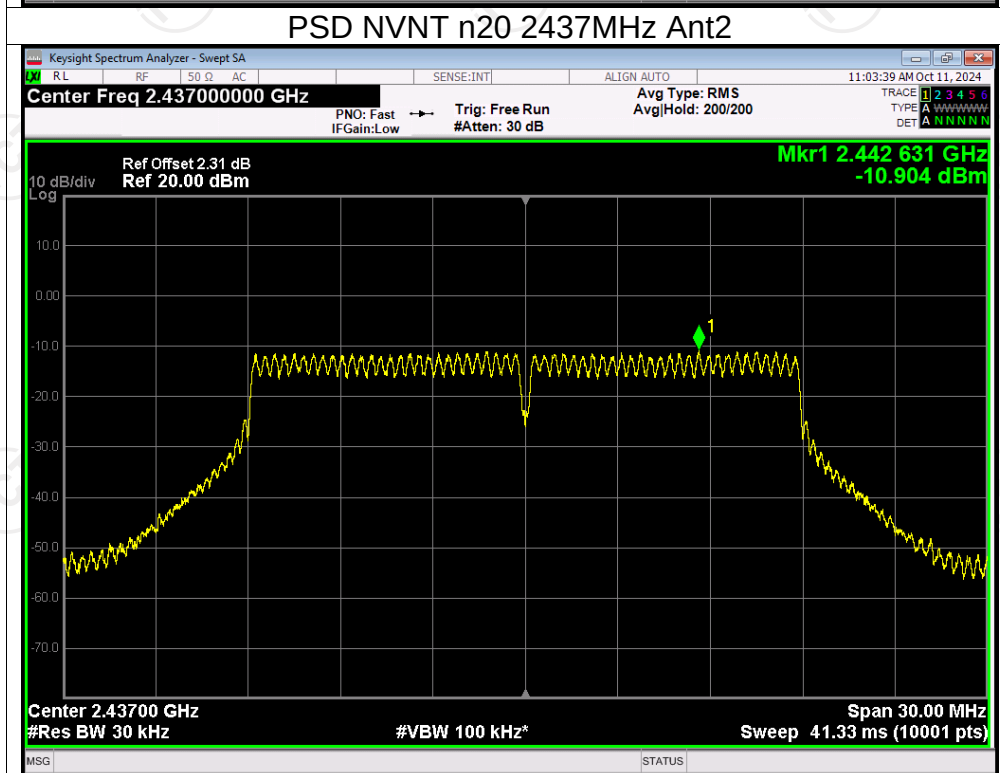
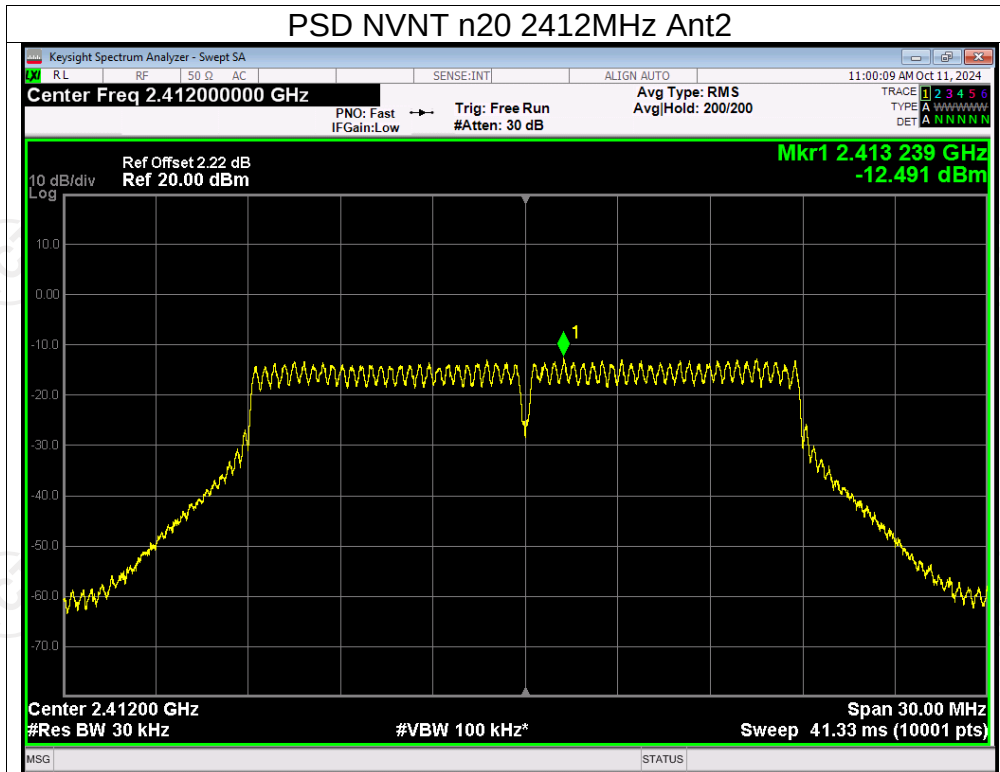


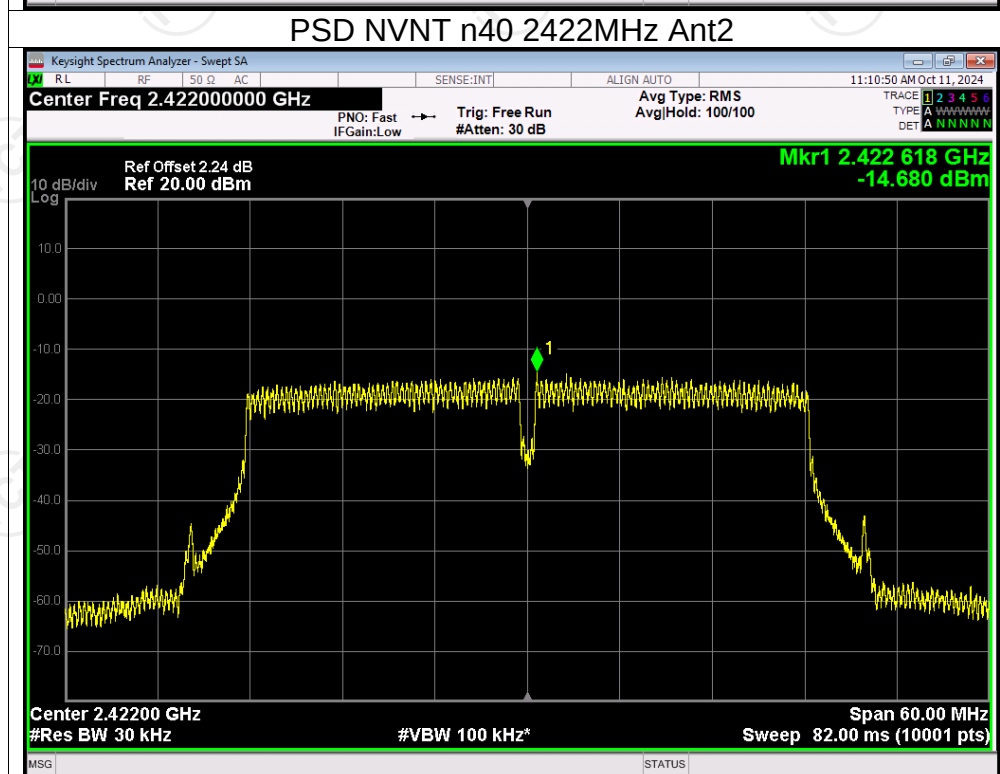
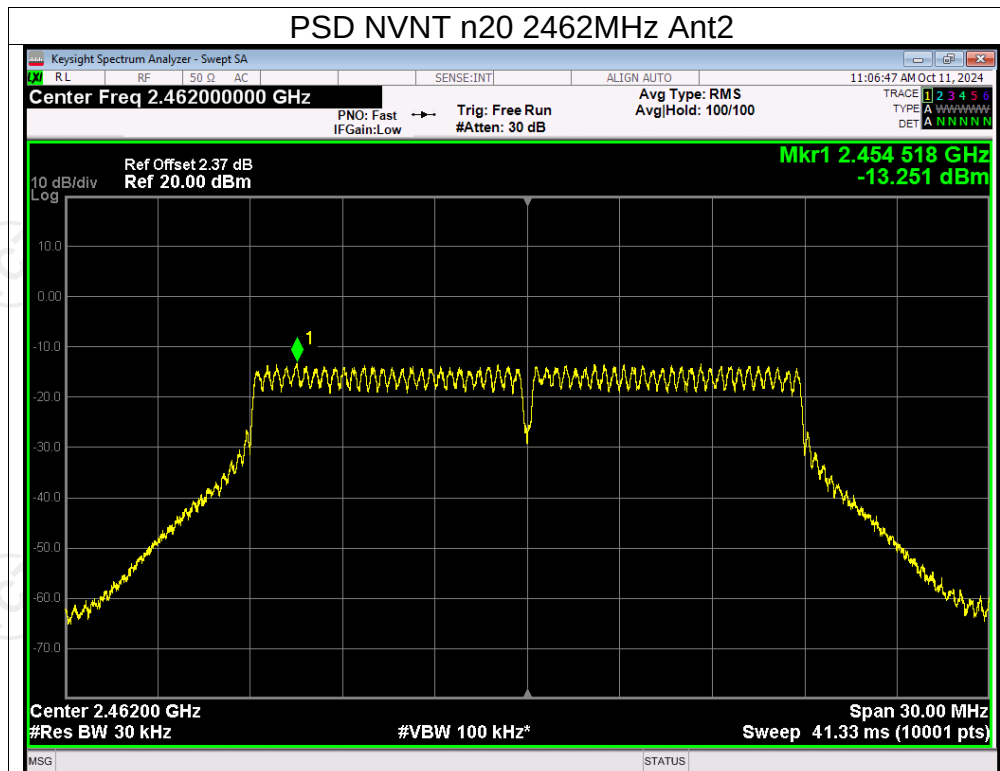
PSD NVNT g 2437MHz Ant2



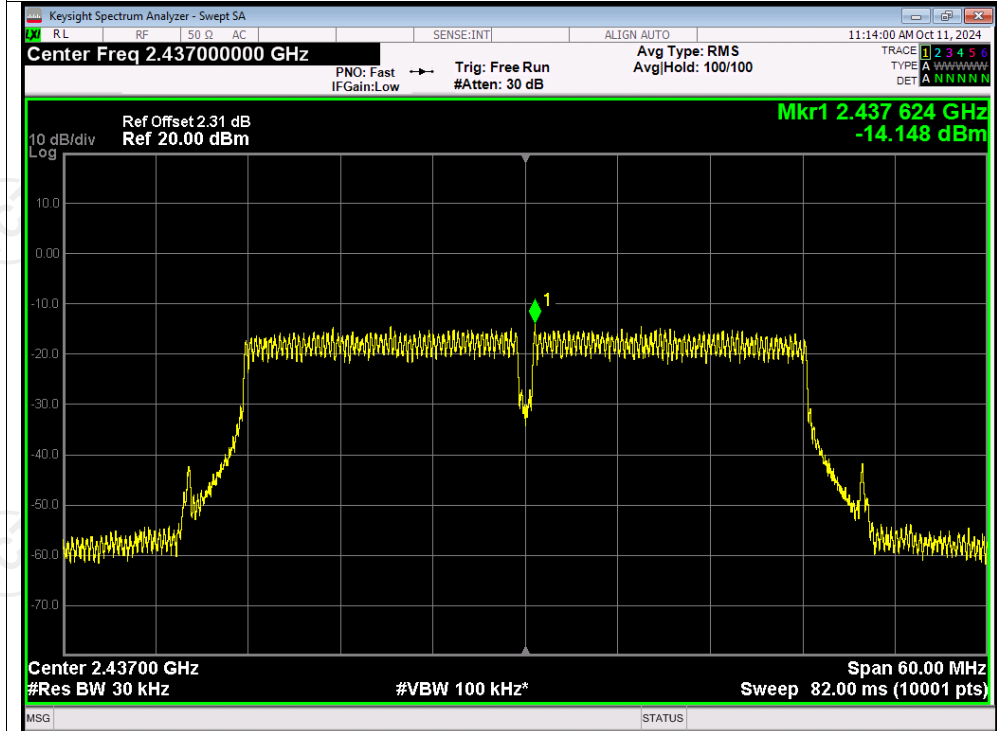
PSD NVNT g 2462MHz Ant2



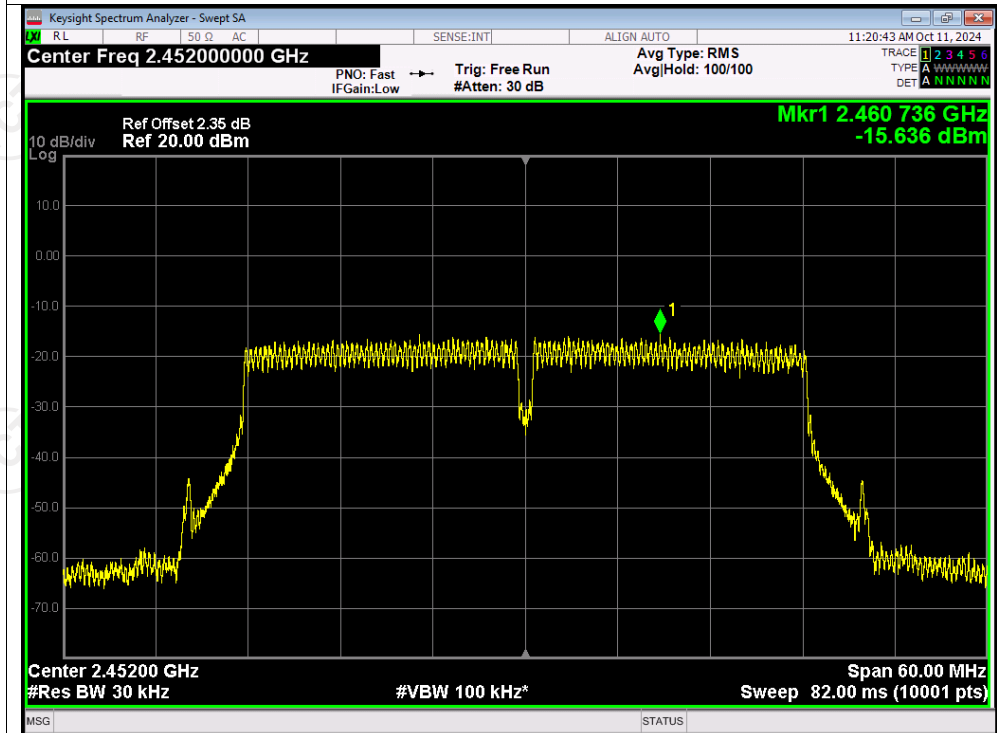




PSD NVNT n40 2437MHz Ant2



PSD NVNT n40 2452MHz Ant2

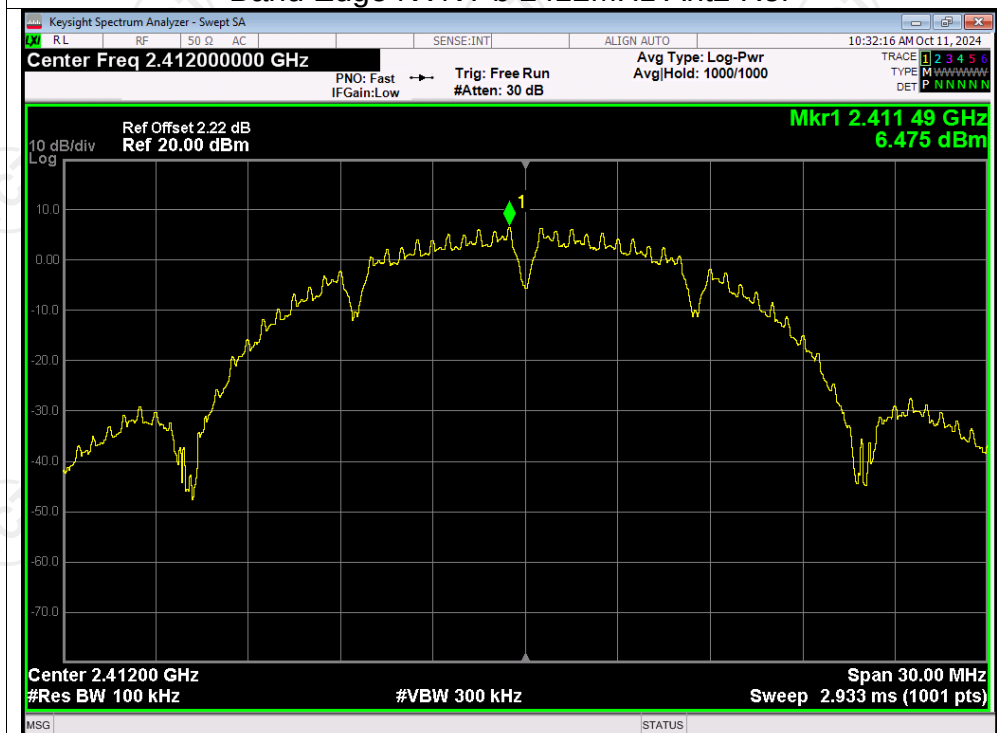


Band Edge

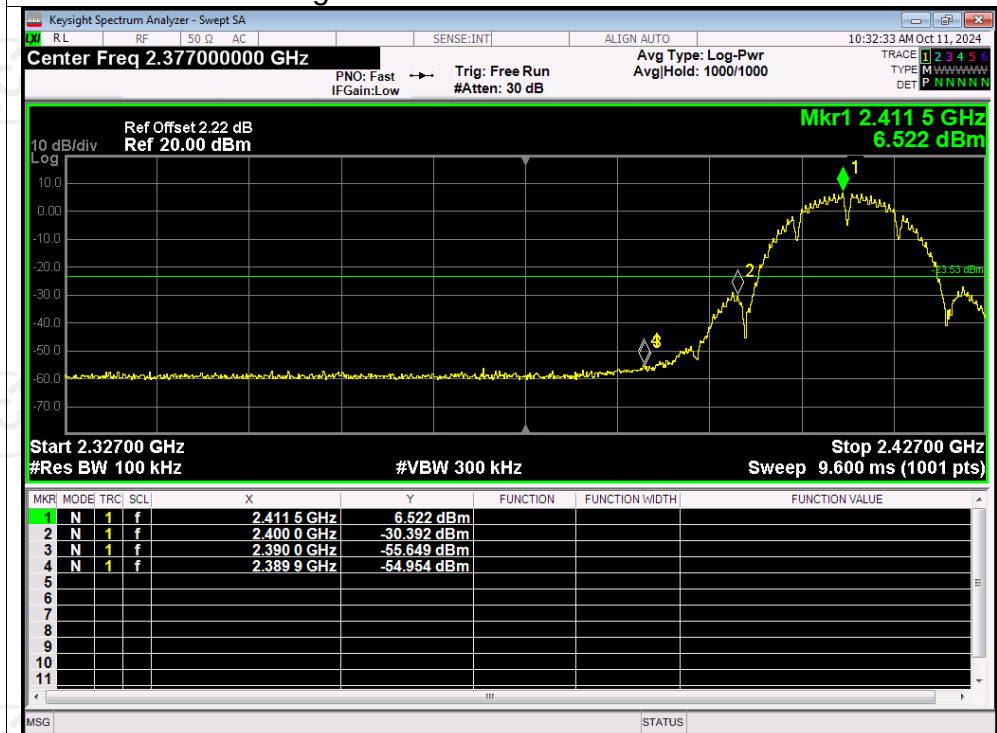
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant2	-61.43	-30	Pass
NVNT	b	2462	Ant2	-58.96	-30	Pass
NVNT	g	2412	Ant2	-54.07	-30	Pass
NVNT	g	2462	Ant2	-53.11	-30	Pass
NVNT	n20	2412	Ant2	-54.22	-30	Pass
NVNT	n20	2462	Ant2	-51.39	-30	Pass
NVNT	n40	2422	Ant2	-46.38	-30	Pass
NVNT	n40	2452	Ant2	-44.05	-30	Pass

Test Graphs

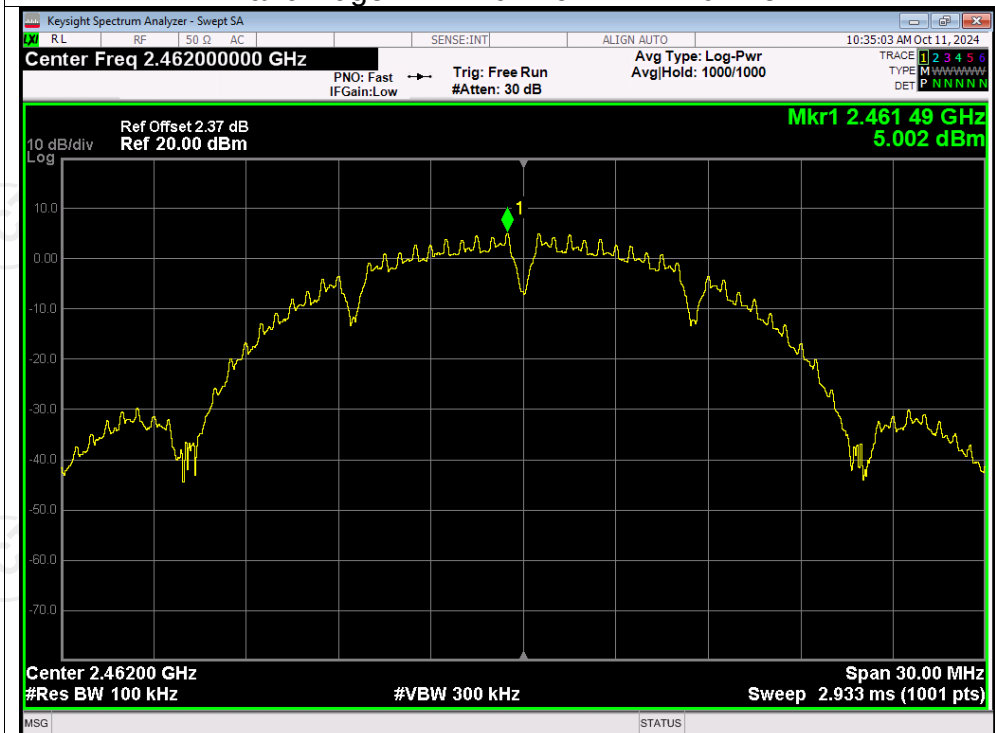
Band Edge NVNT b 2412MHz Ant2 Ref



Band Edge NVNT b 2412MHz Ant2 Emission



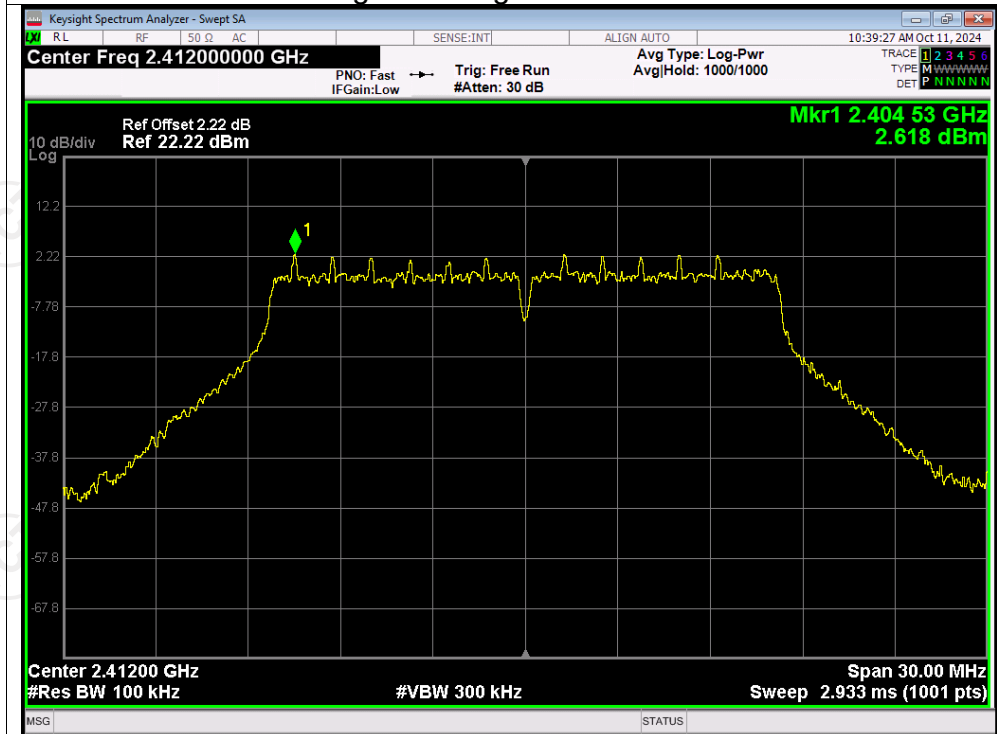
Band Edge NVNT b 2462MHz Ant2 Ref



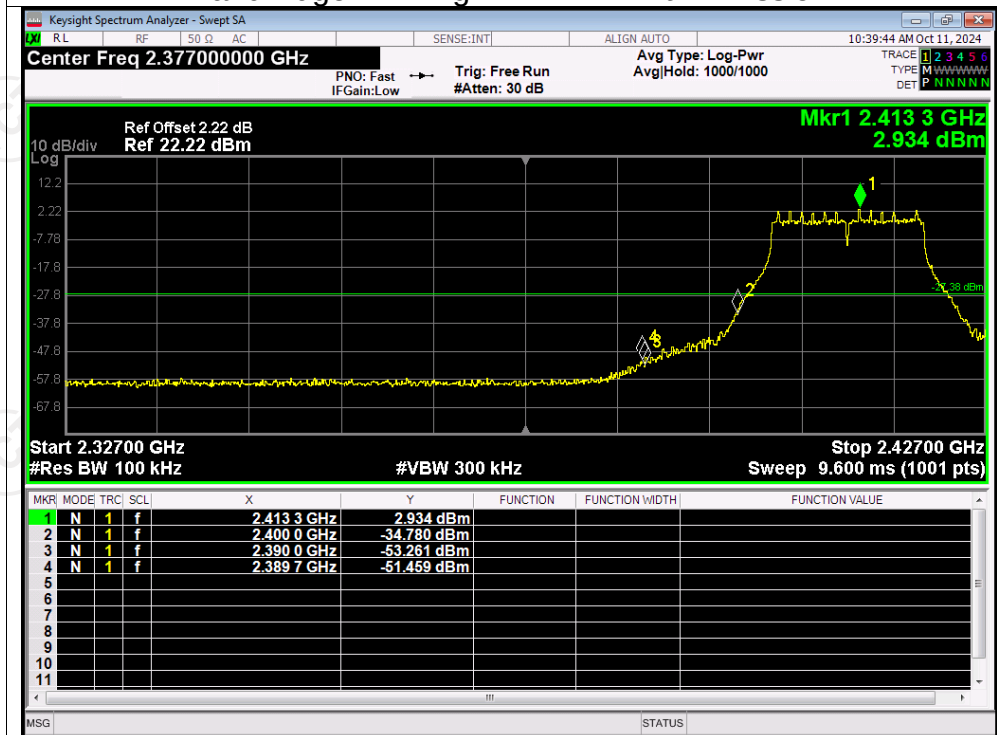
Band Edge NVNT b 2462MHz Ant2 Emission



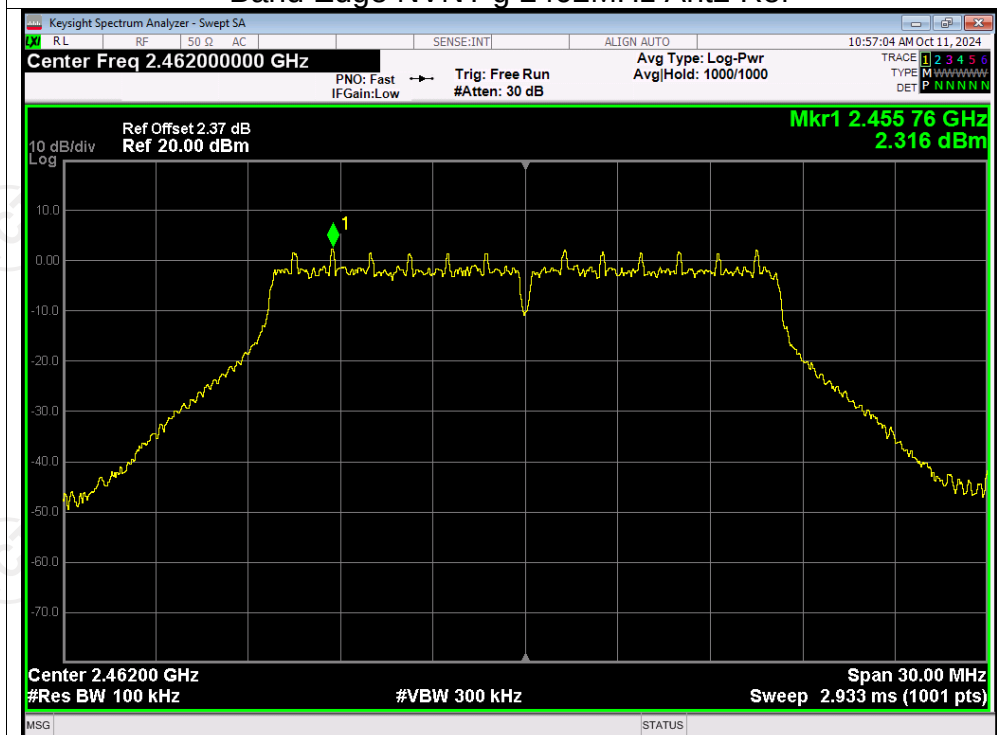
Band Edge NVNT g 2412MHz Ant2 Ref



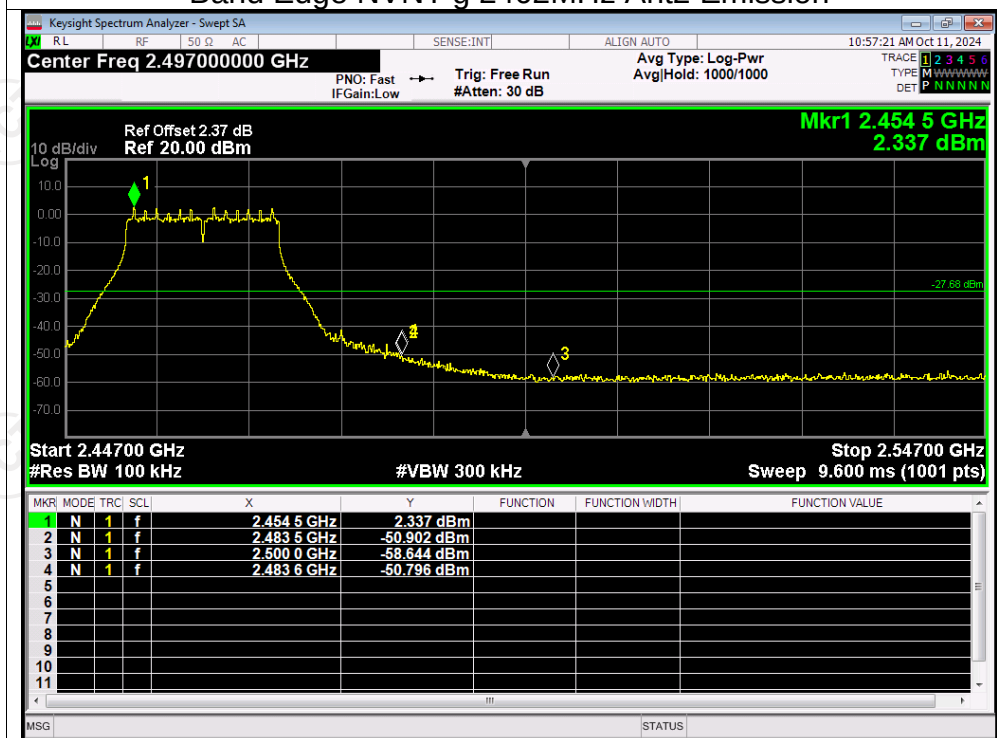
Band Edge NVNT g 2412MHz Ant2 Emission

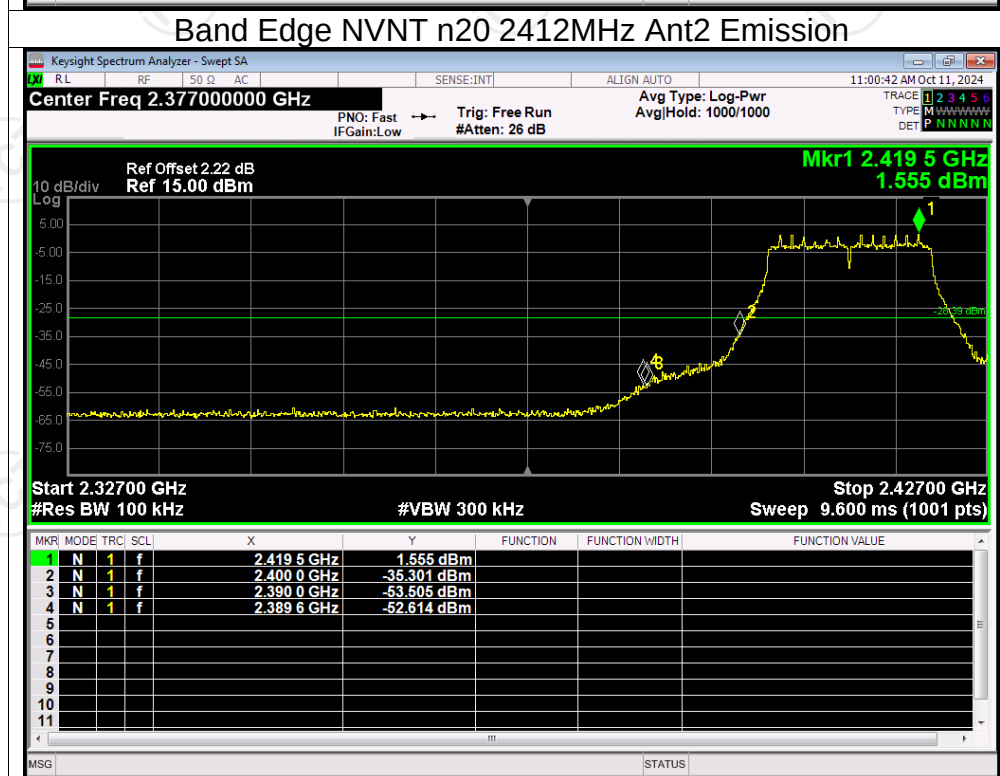
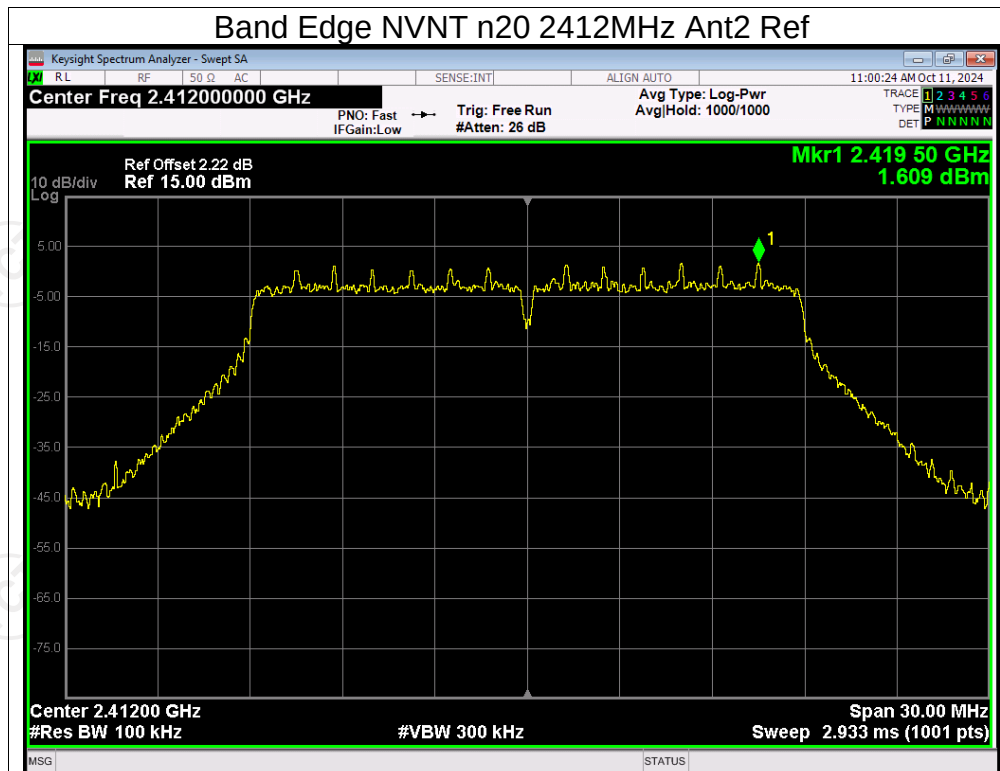


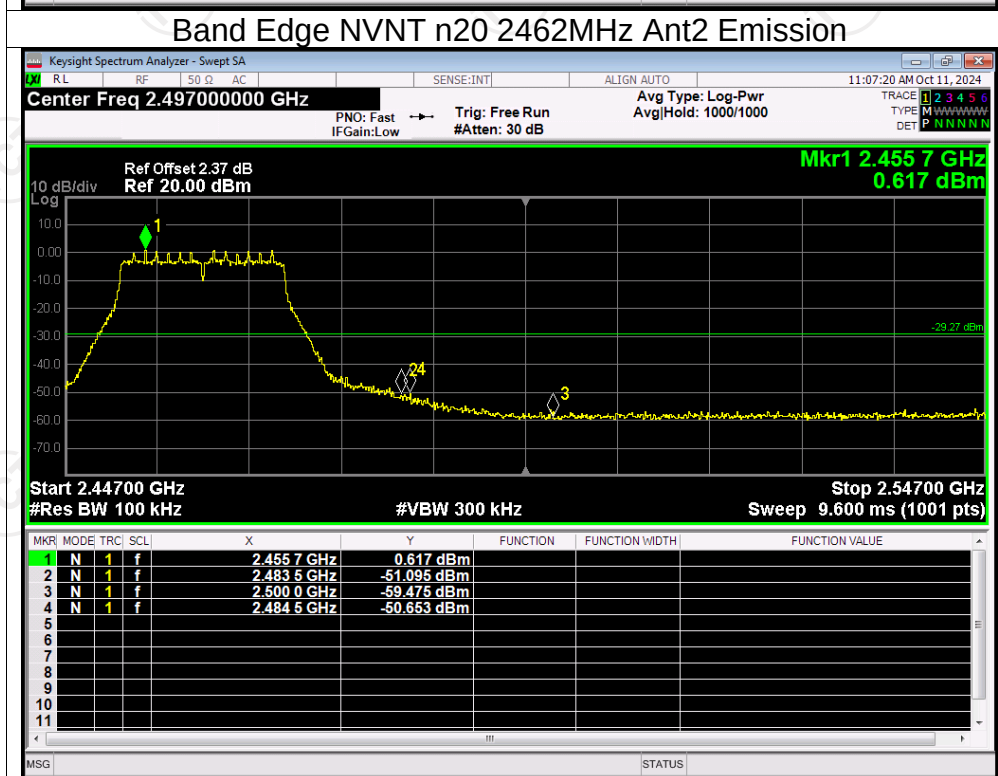
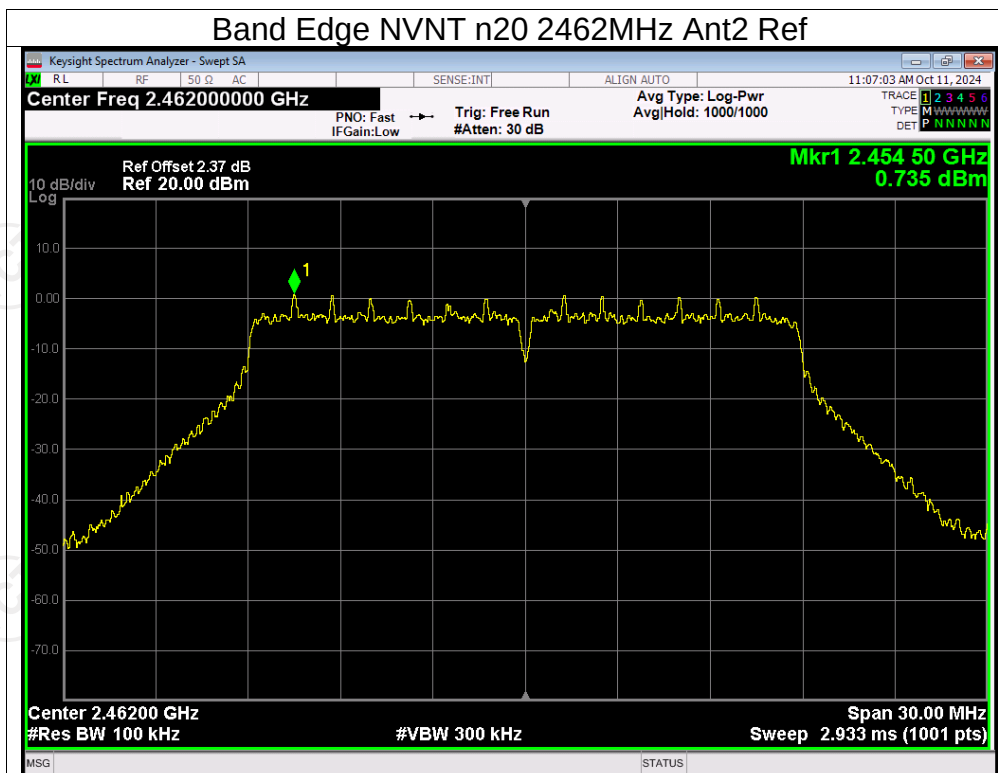
Band Edge NVNT g 2462MHz Ant2 Ref



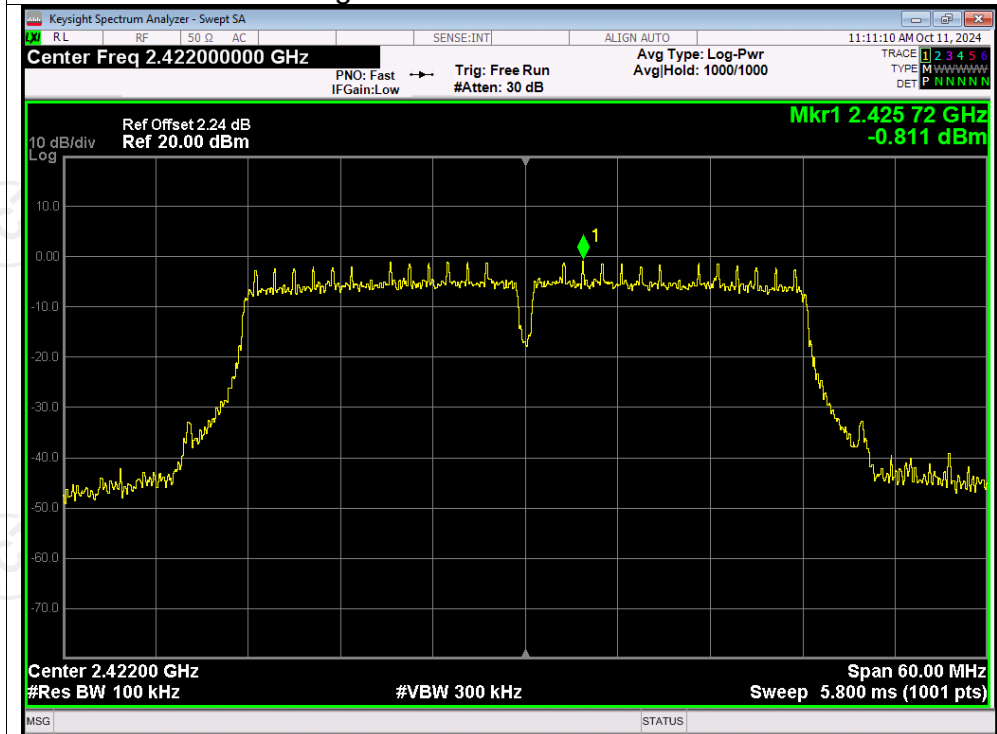
Band Edge NVNT g 2462MHz Ant2 Emission



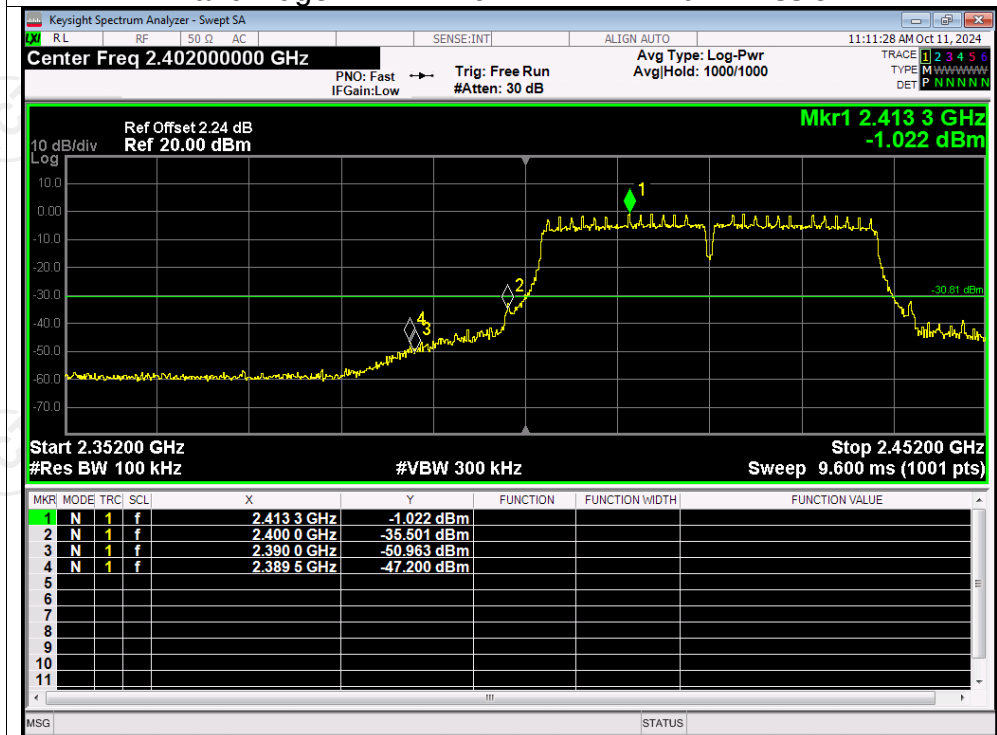




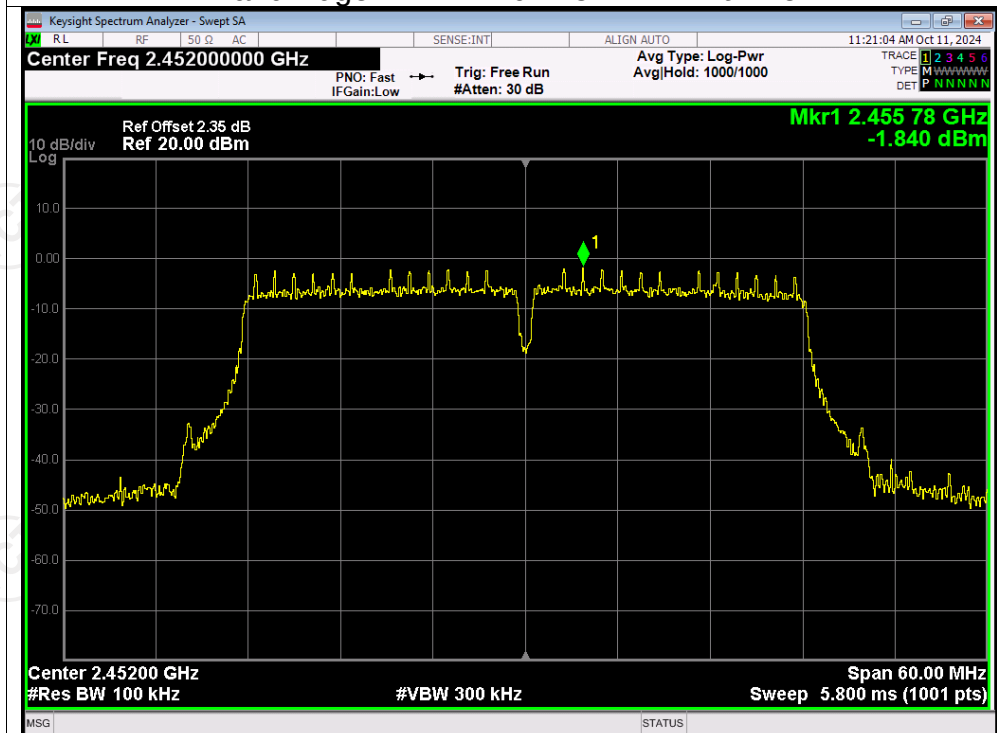
Band Edge NVNT n40 2422MHz Ant2 Ref



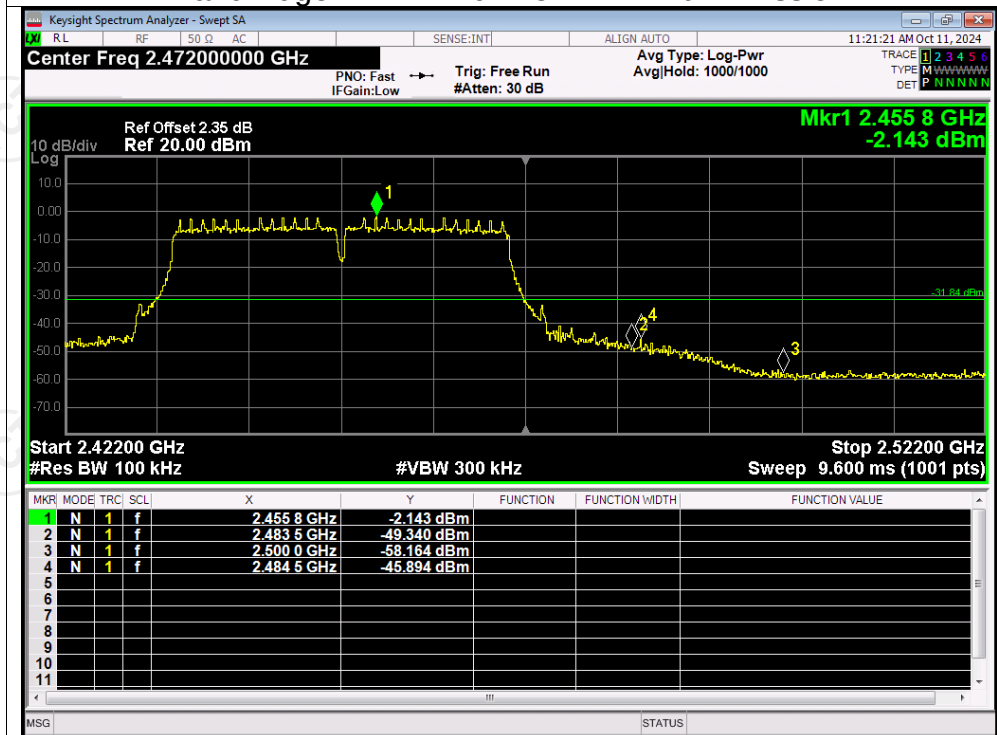
Band Edge NVNT n40 2422MHz Ant2 Emission



Band Edge NVNT n40 2452MHz Ant2 Ref



Band Edge NVNT n40 2452MHz Ant2 Emission

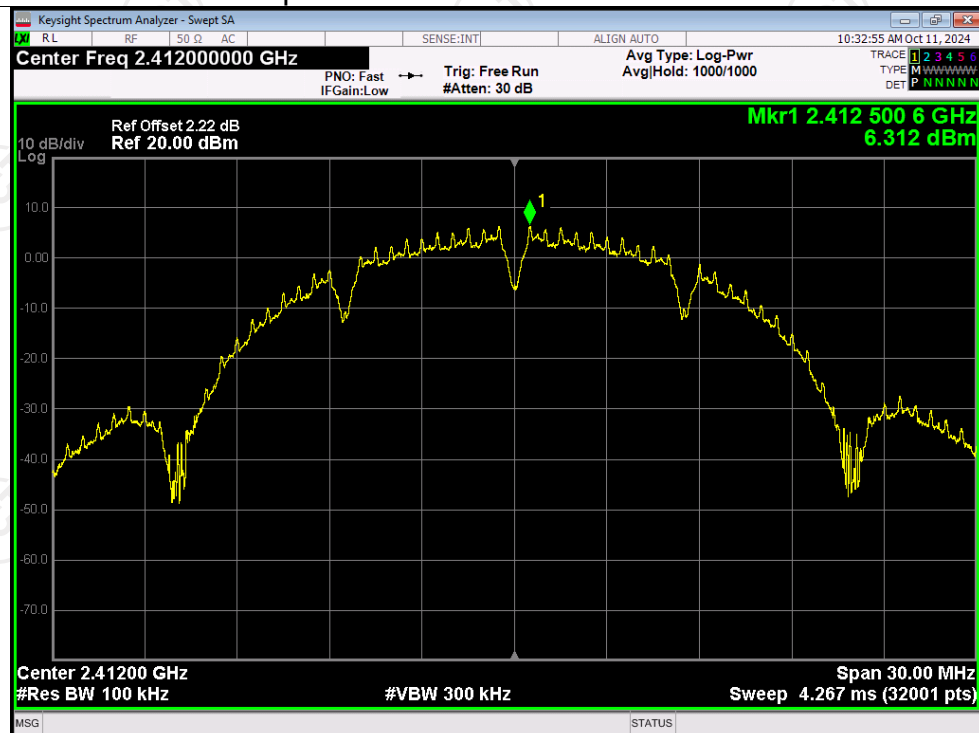


Conducted RF Spurious Emission

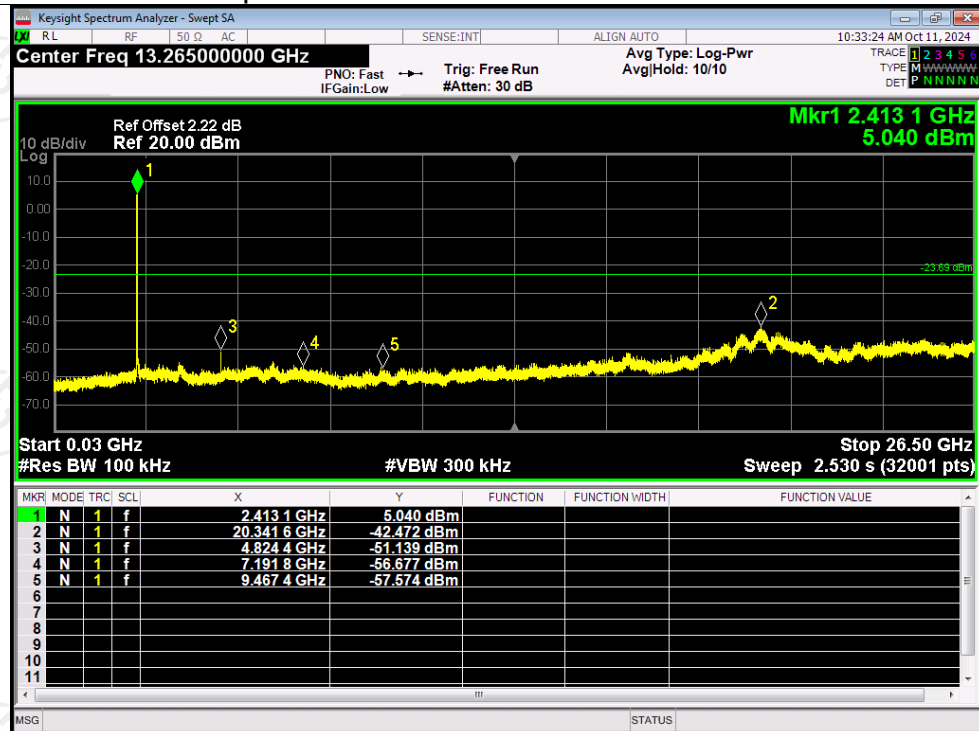
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant2	-48.78	-30	Pass
NVNT	b	2437	Ant2	-48.97	-30	Pass
NVNT	b	2462	Ant2	-47.25	-30	Pass
NVNT	g	2412	Ant2	-45.45	-30	Pass
NVNT	g	2437	Ant2	-47.49	-30	Pass
NVNT	g	2462	Ant2	-44.84	-30	Pass
NVNT	n20	2412	Ant2	-43.98	-30	Pass
NVNT	n20	2437	Ant2	-46.39	-30	Pass
NVNT	n20	2462	Ant2	-43.00	-30	Pass
NVNT	n40	2422	Ant2	-41.27	-30	Pass
NVNT	n40	2437	Ant2	-42.17	-30	Pass
NVNT	n40	2452	Ant2	-39.57	-30	Pass

Test Graphs

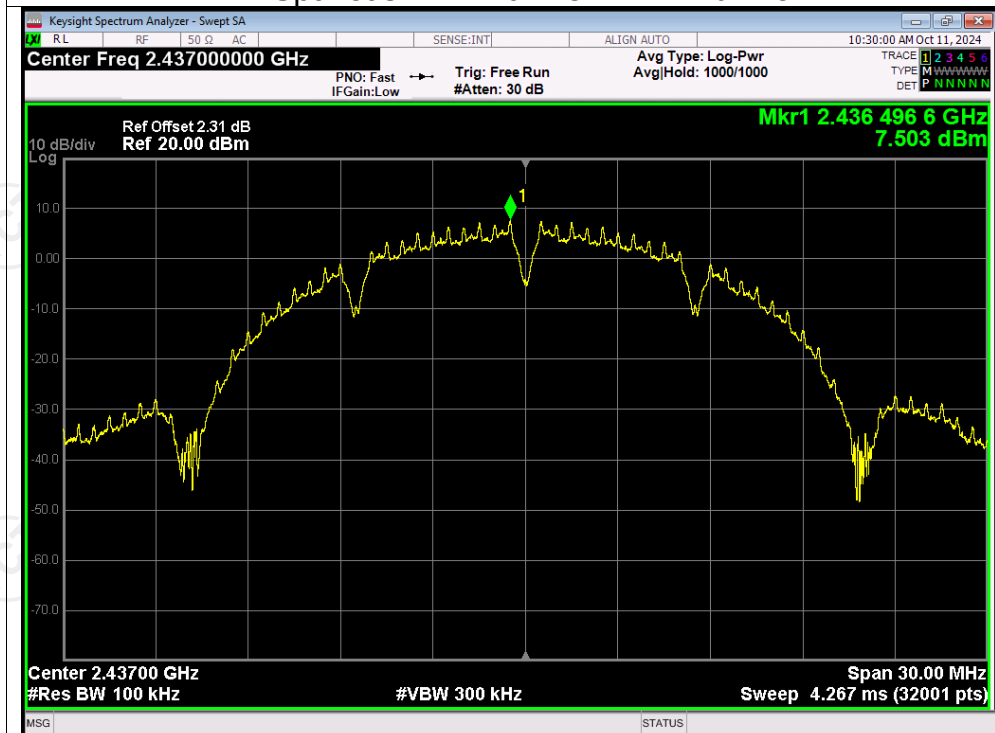
Tx. Spurious NVNT b 2412MHz Ant2 Ref



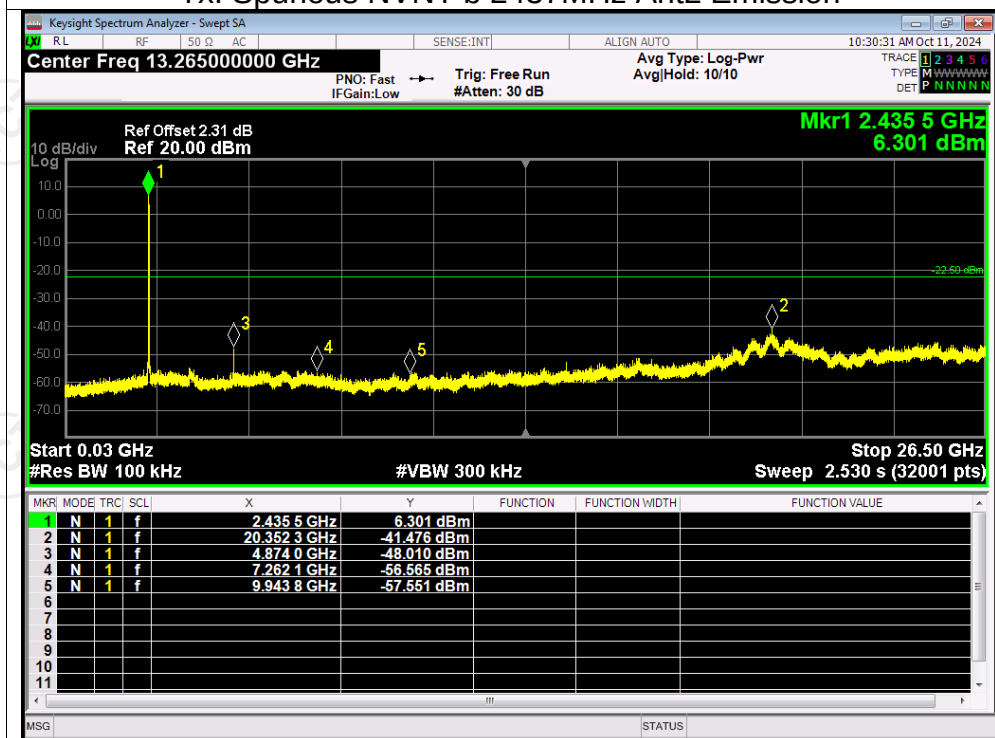
Tx. Spurious NVNT b 2412MHz Ant2 Emission



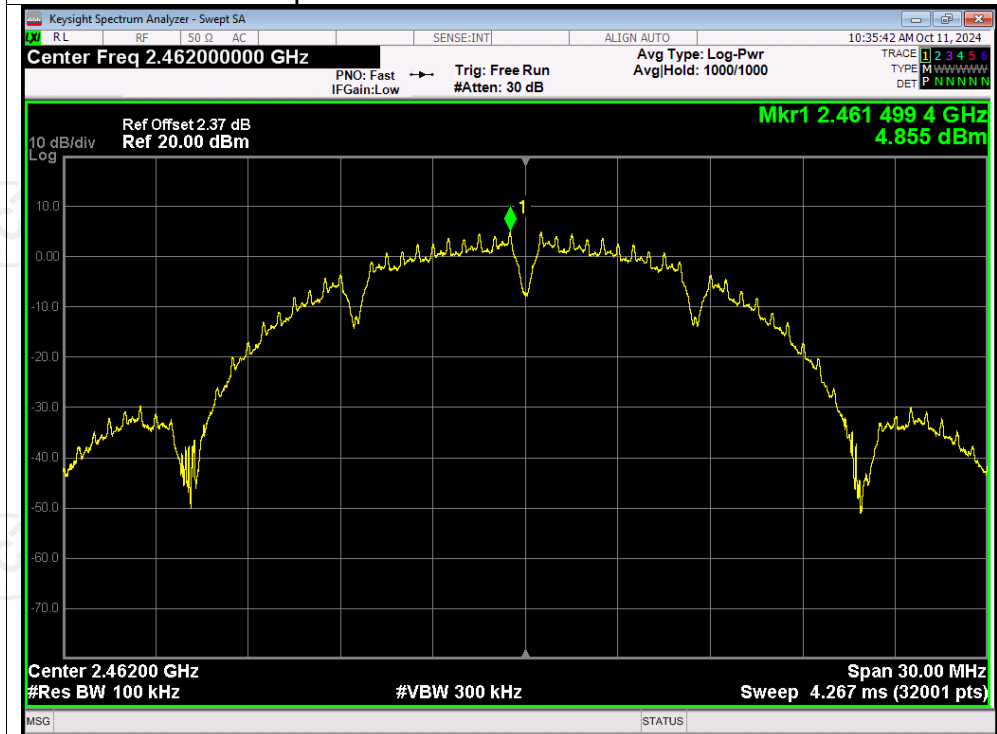
Tx. Spurious NVNT b 2437MHz Ant2 Ref



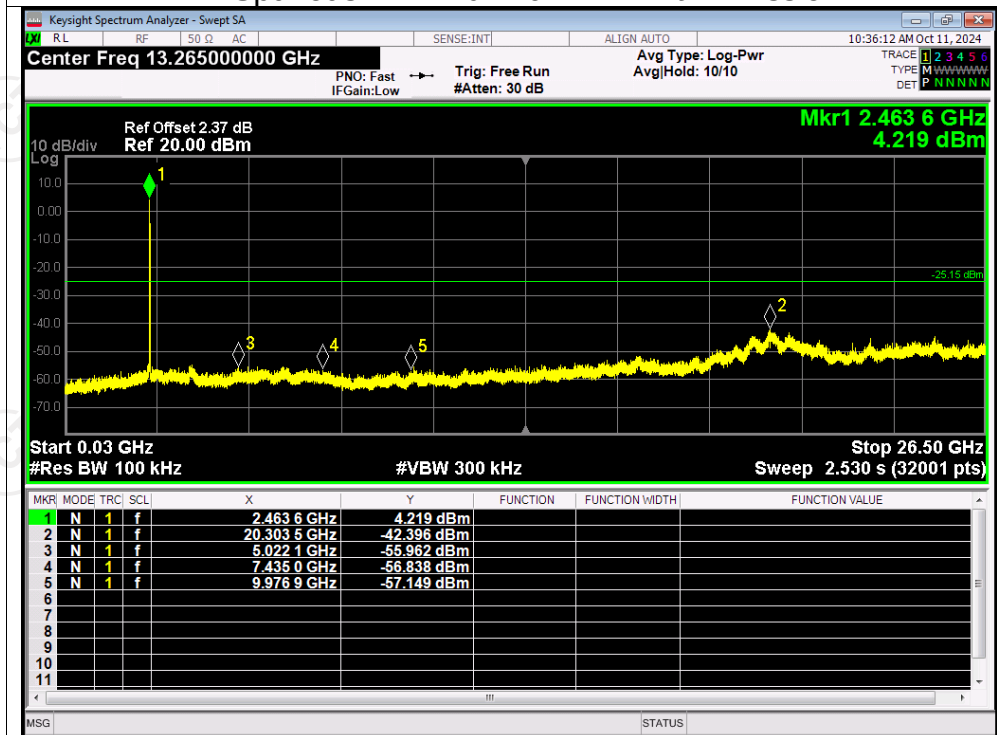
Tx. Spurious NVNT b 2437MHz Ant2 Emission



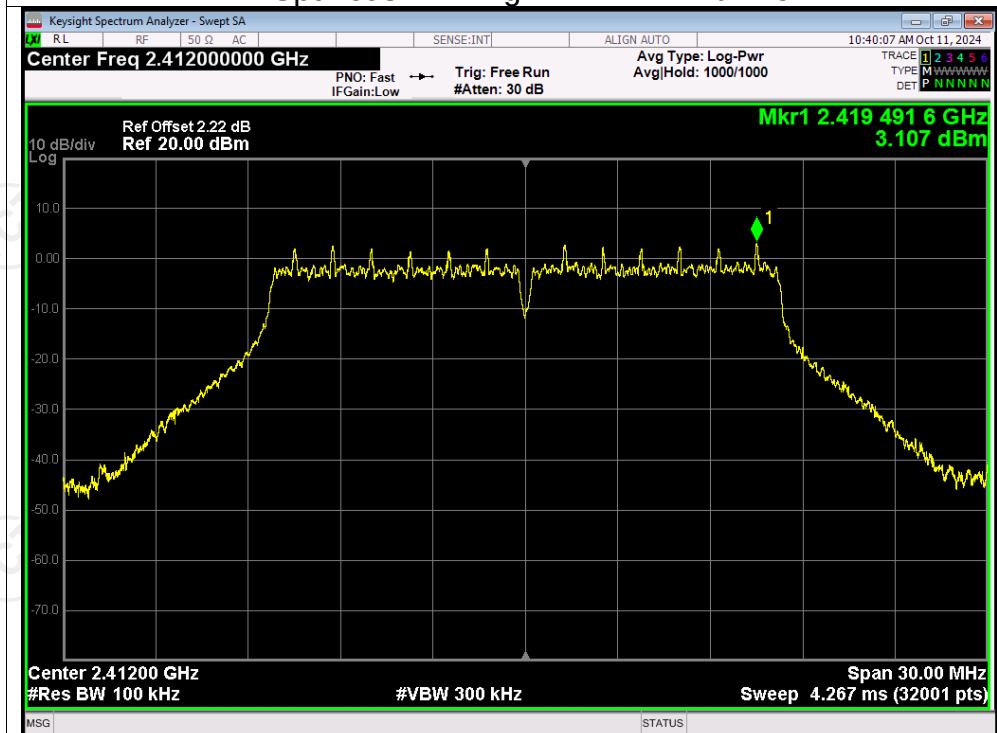
Tx. Spurious NVNT b 2462MHz Ant2 Ref



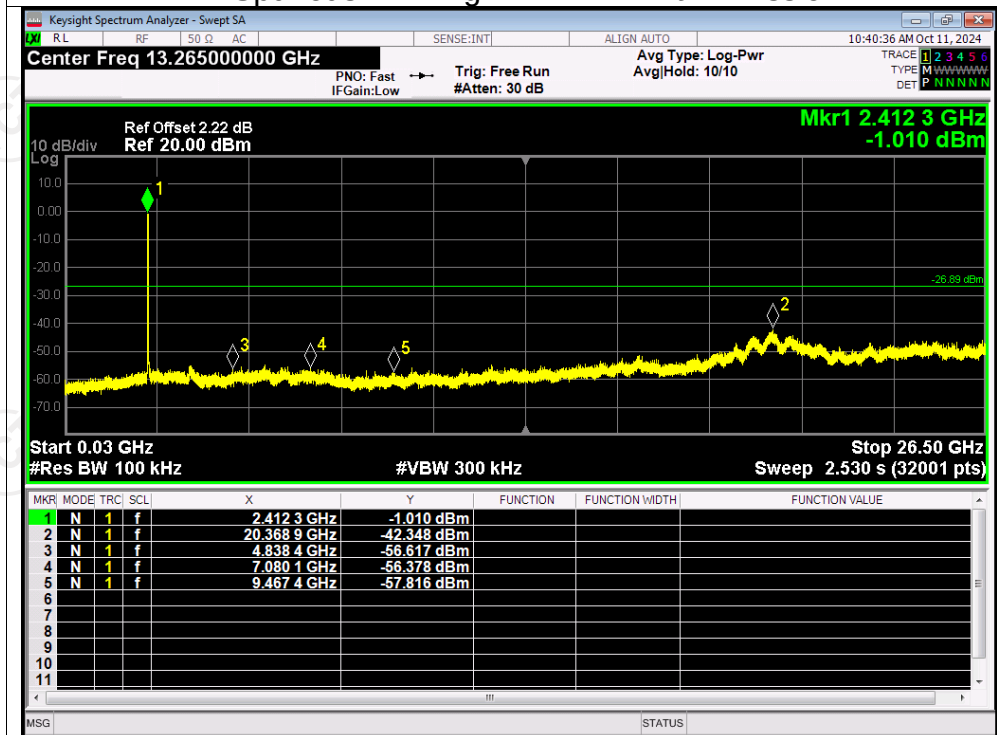
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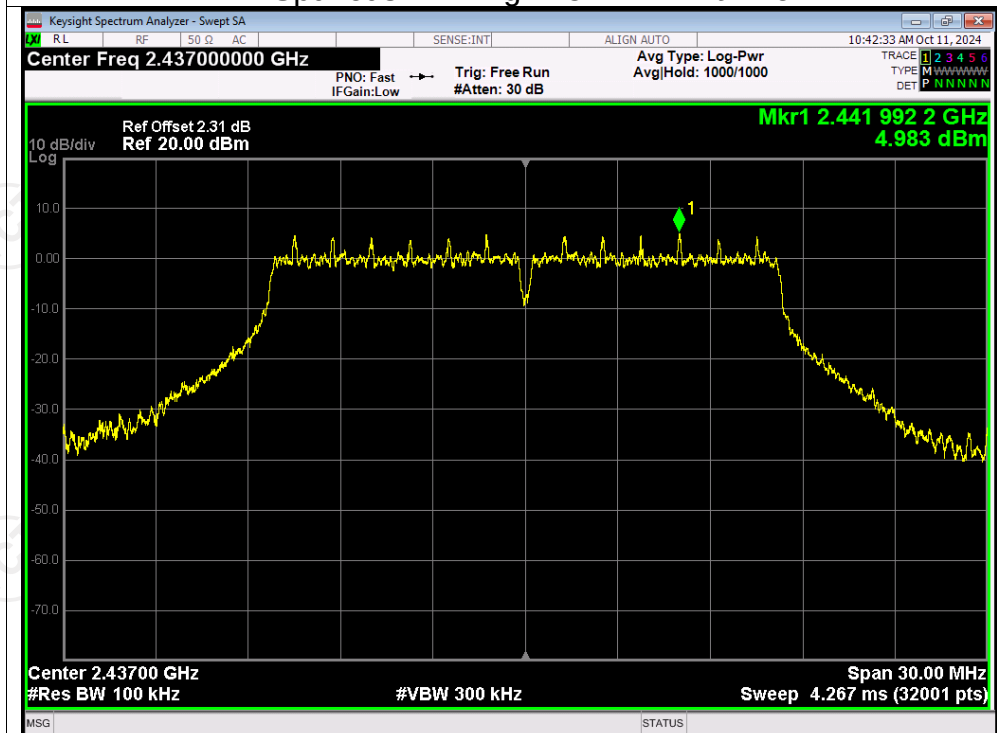
Tx. Spurious NVNT g 2412MHz Ant2 Ref



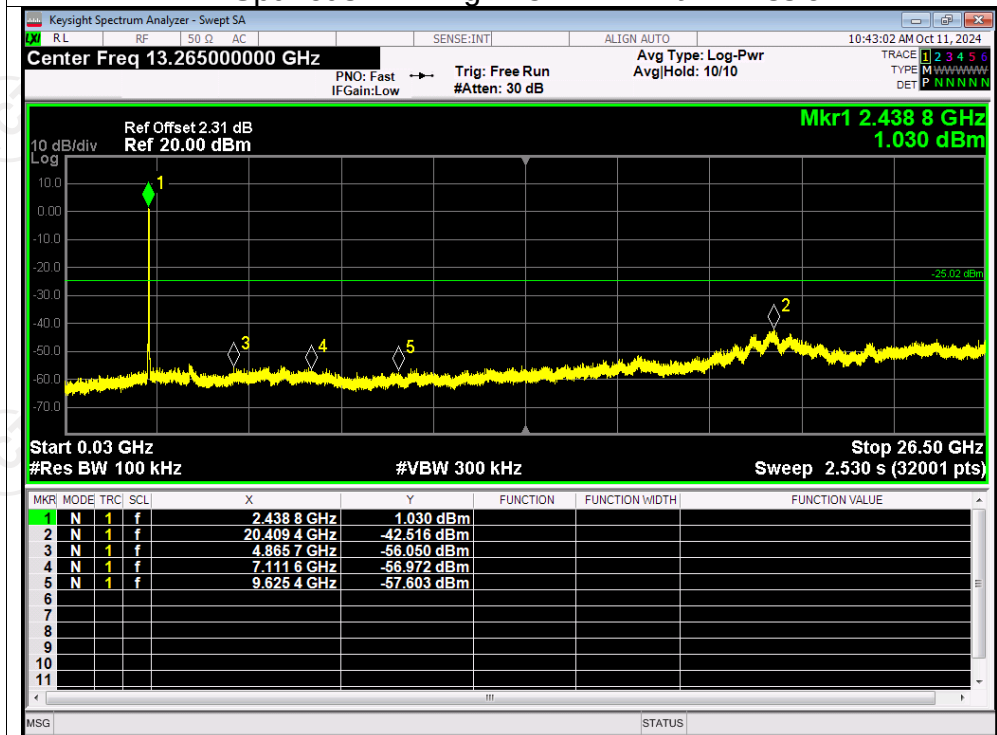
Tx. Spurious NVNT g 2412MHz Ant2 Emission



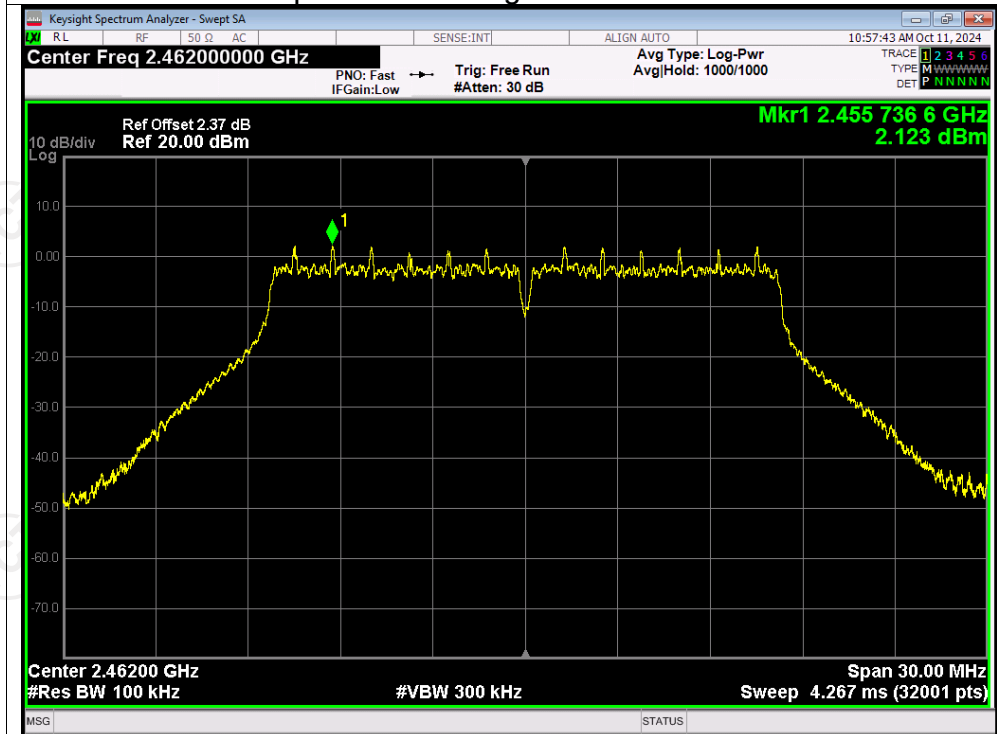
Tx. Spurious NVNT g 2437MHz Ant2 Ref



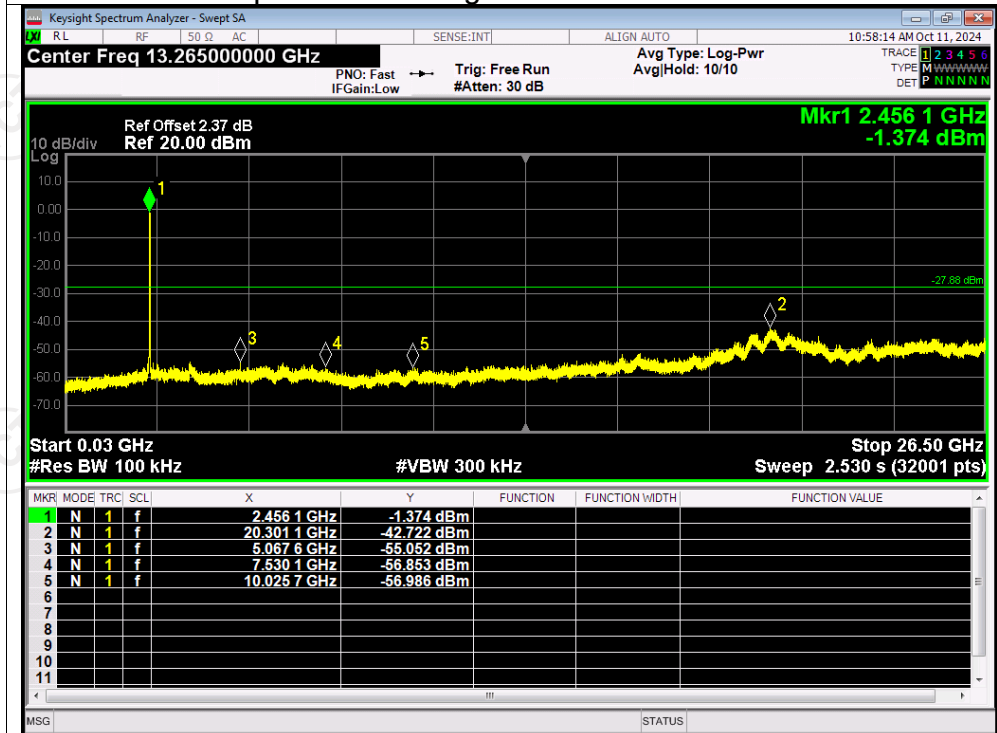
Tx. Spurious NVNT g 2437MHz Ant2 Emission

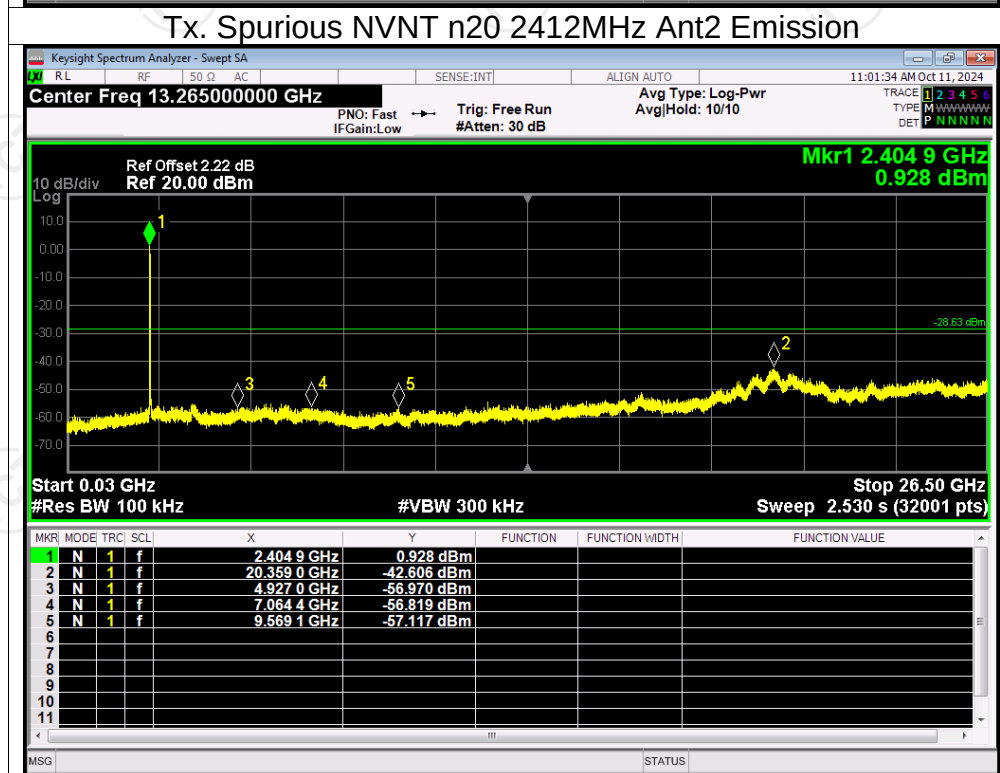
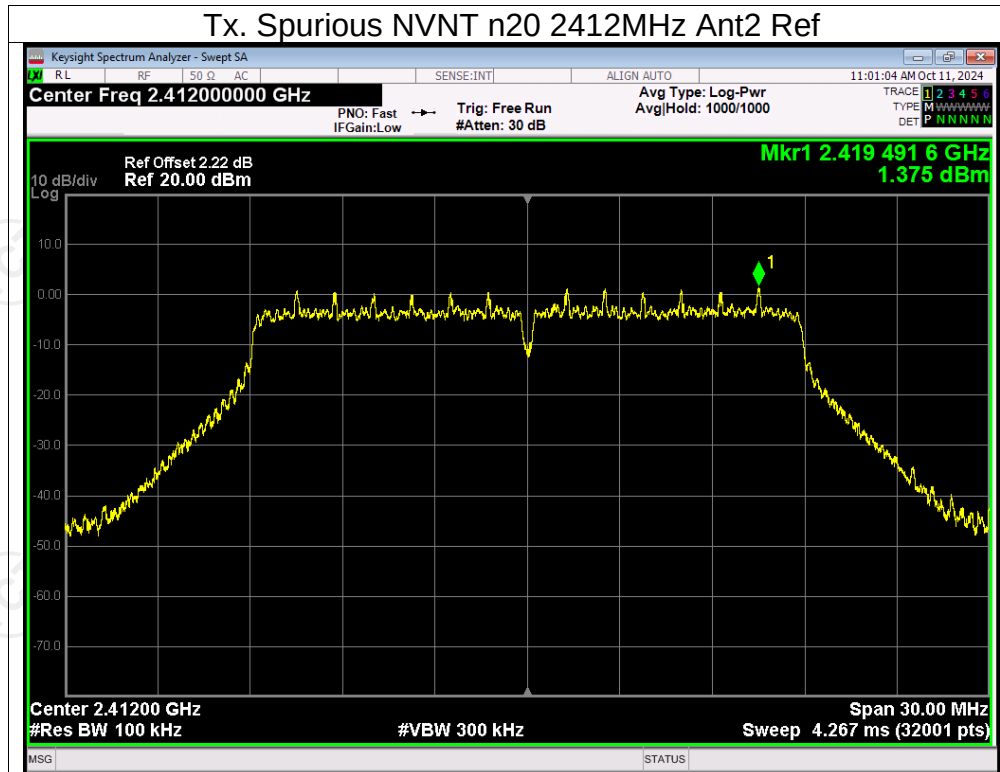


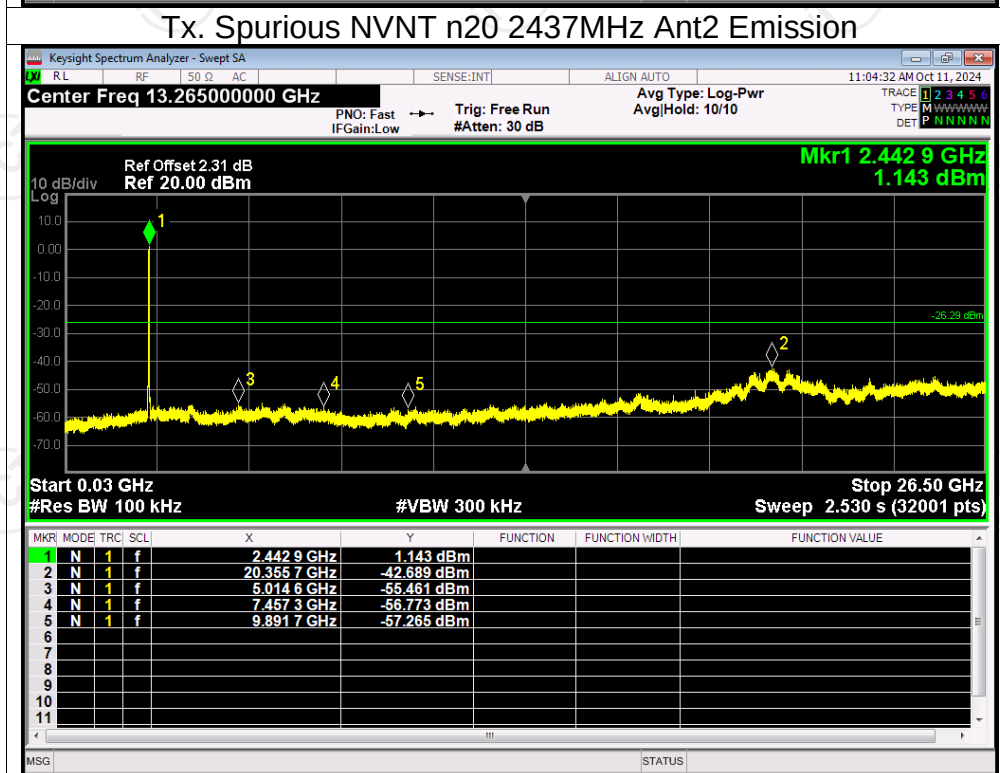
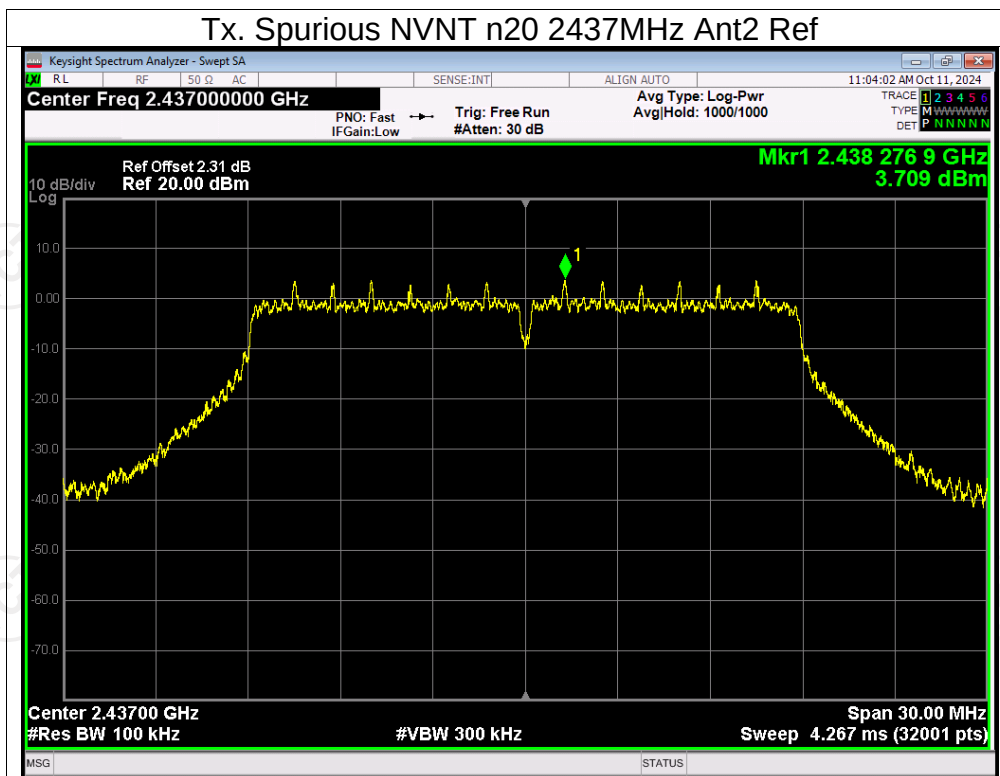
Tx. Spurious NVNT g 2462MHz Ant2 Ref

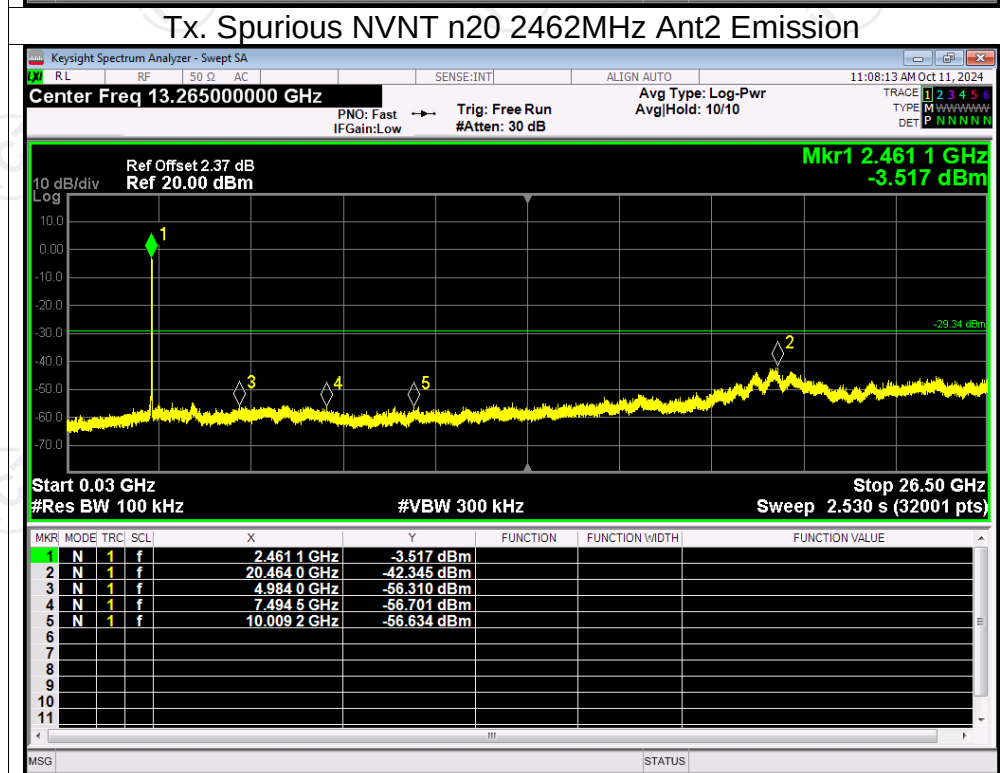
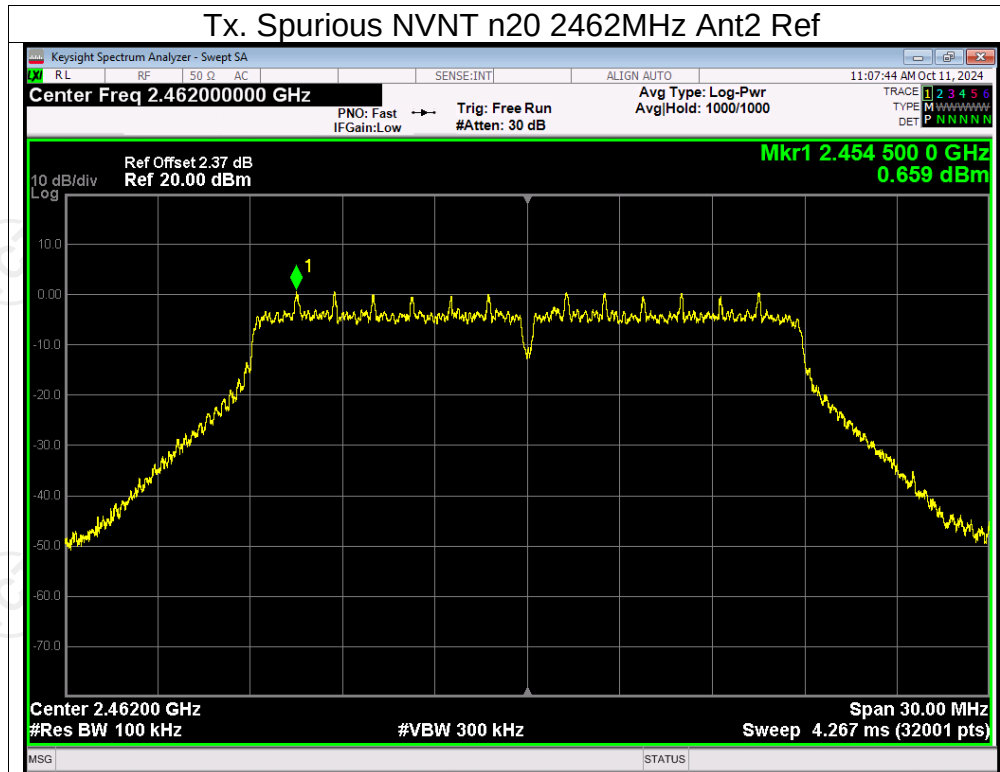


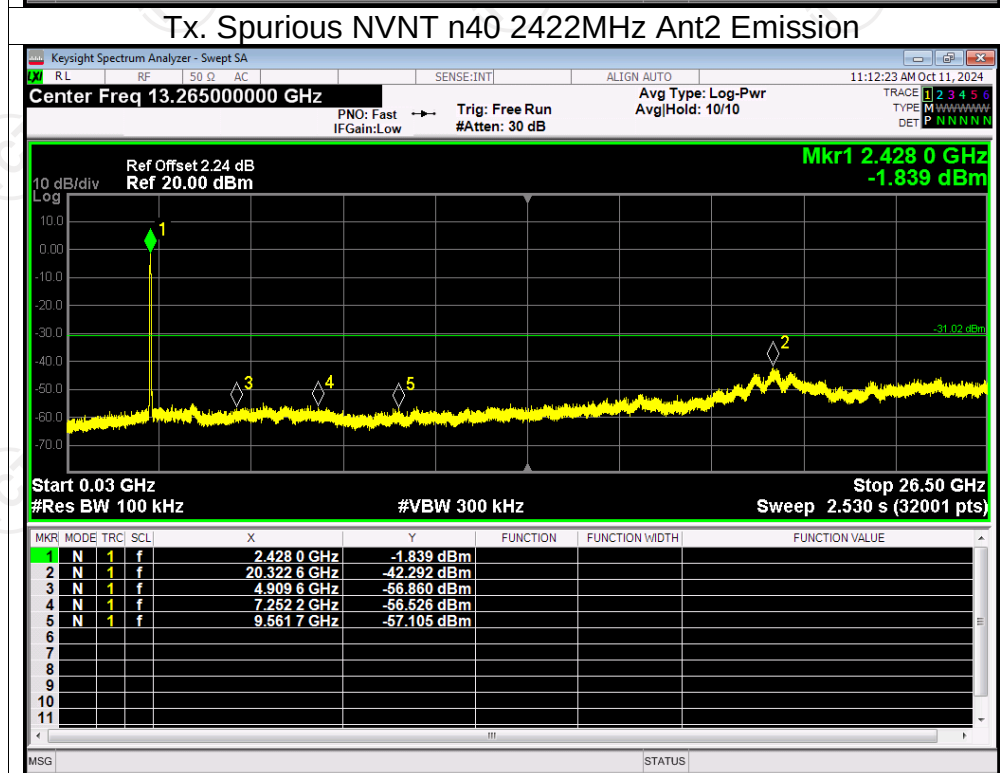
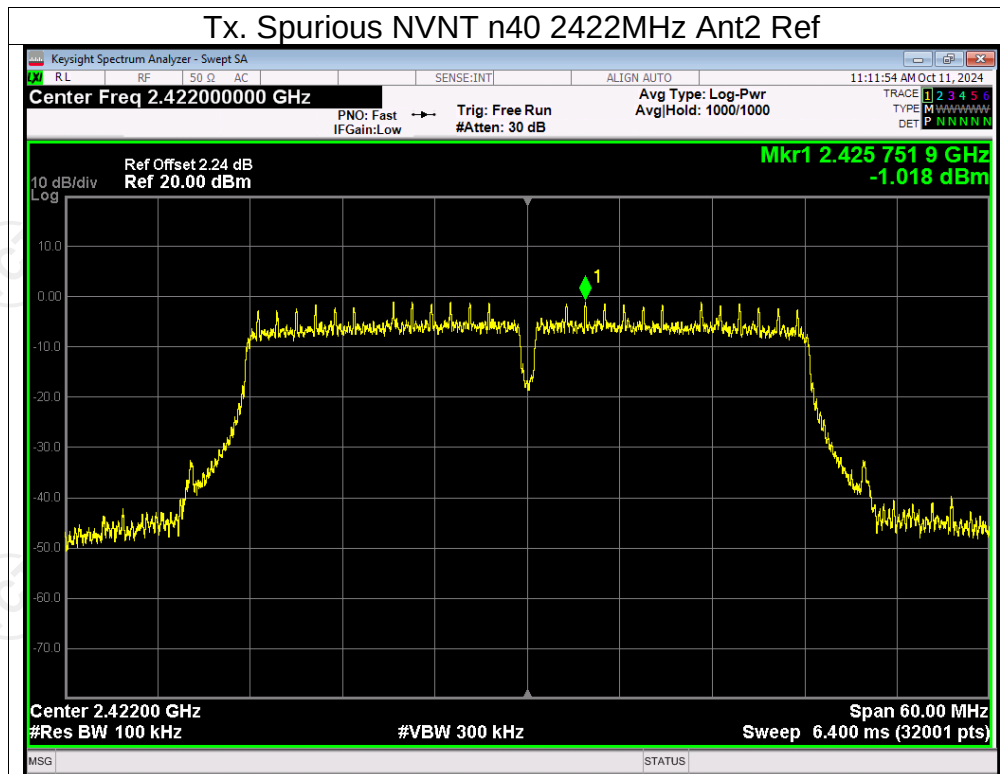
Tx. Spurious NVNT g 2462MHz Ant2 Emission

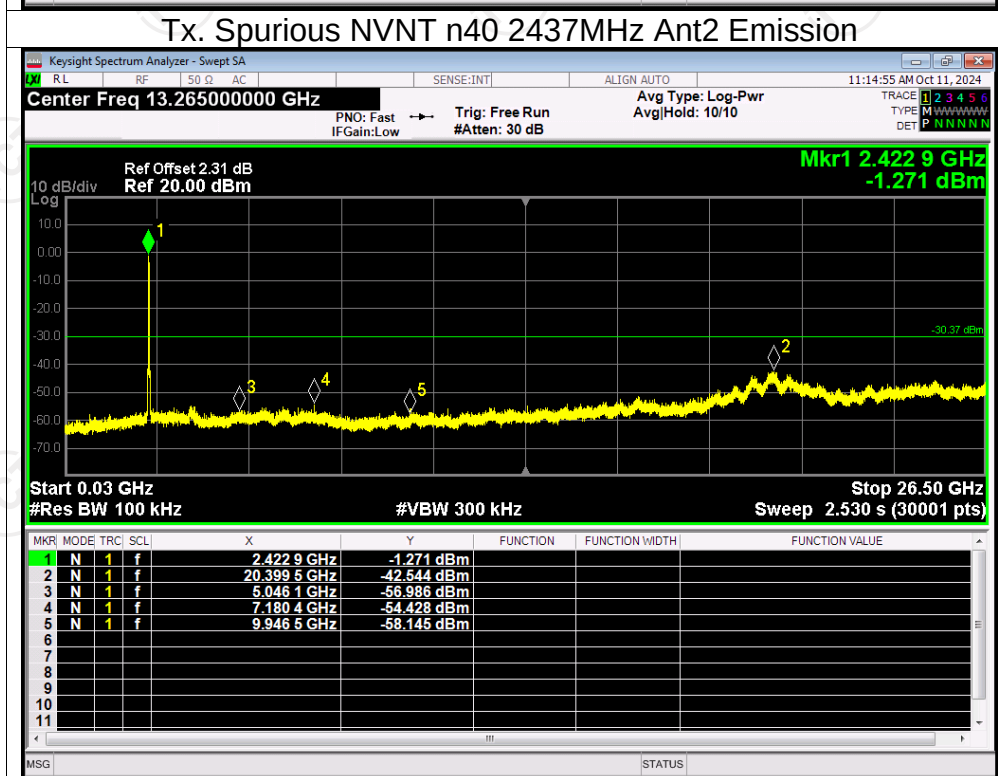
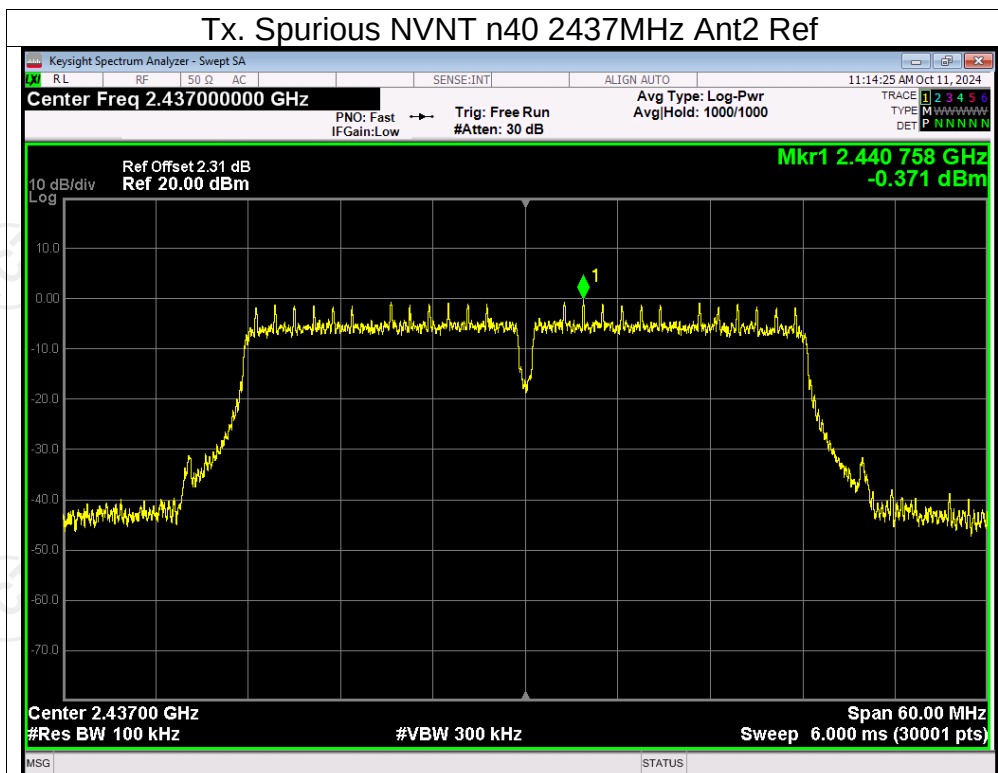


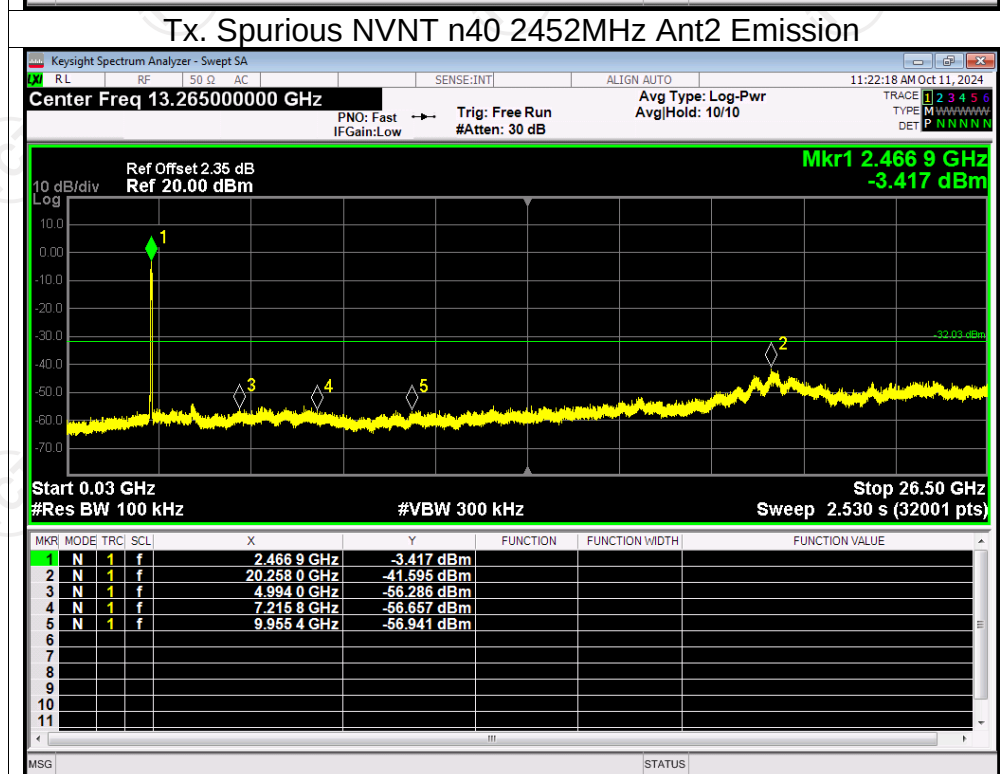
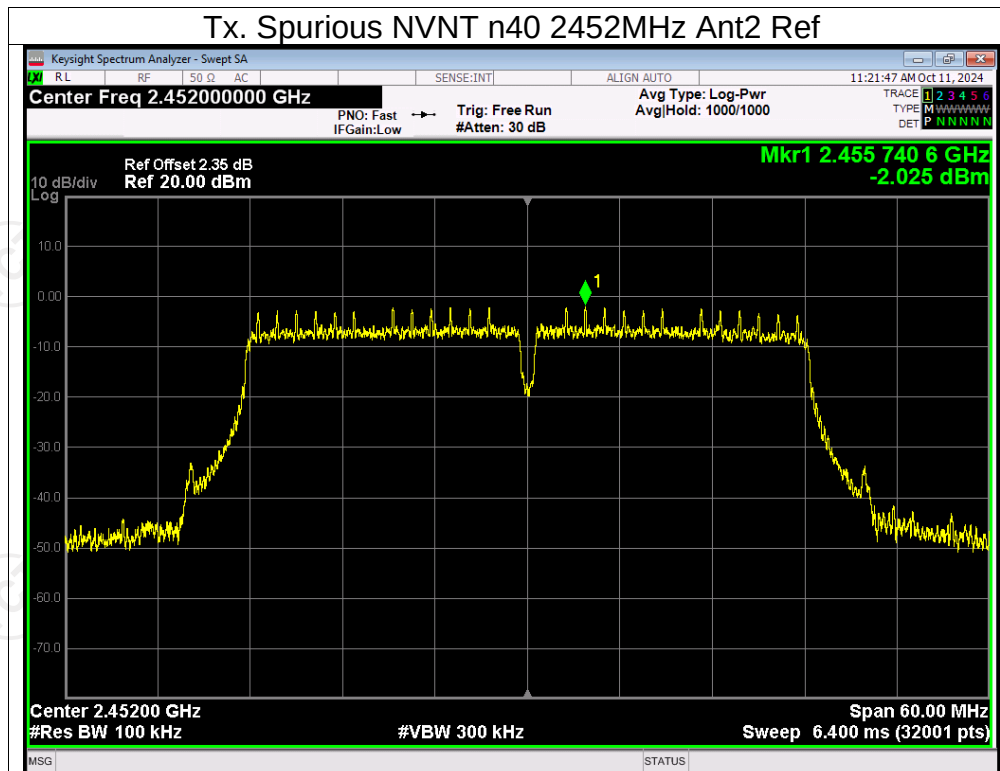












Appendix B: Photographs of Test Setup

Please refer to document Appendix No.: TCT241008E023-A

Appendix C: Photographs of EUT

Please refer to document Appendix No.: TCT241008E023-B & TCT241008E023-C

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