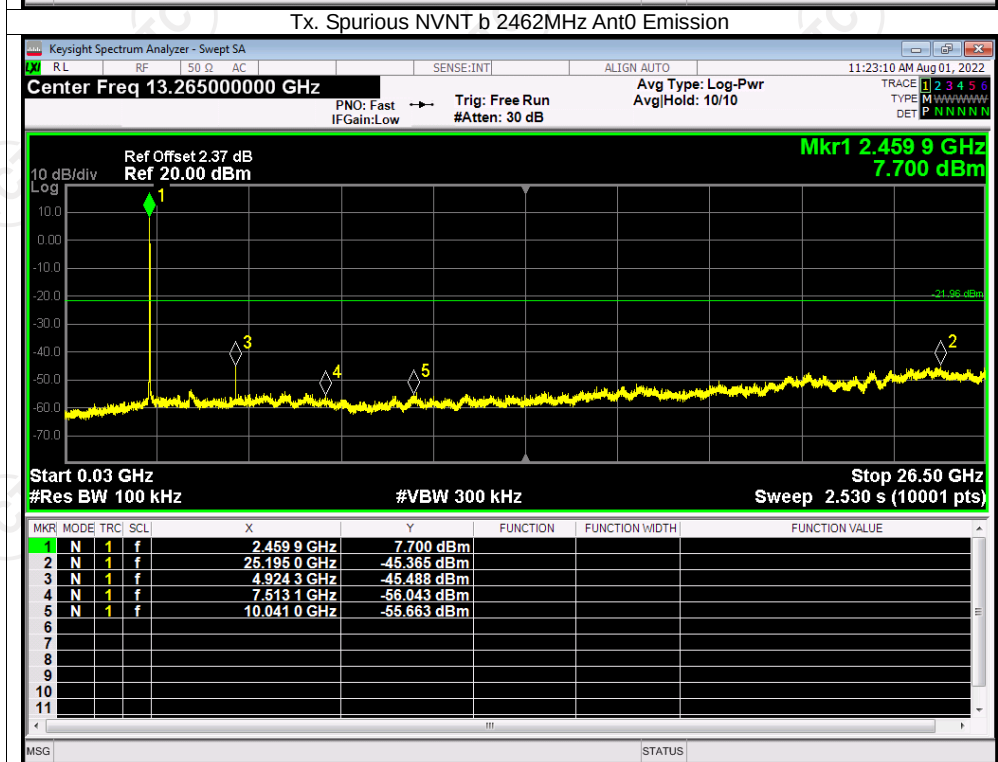
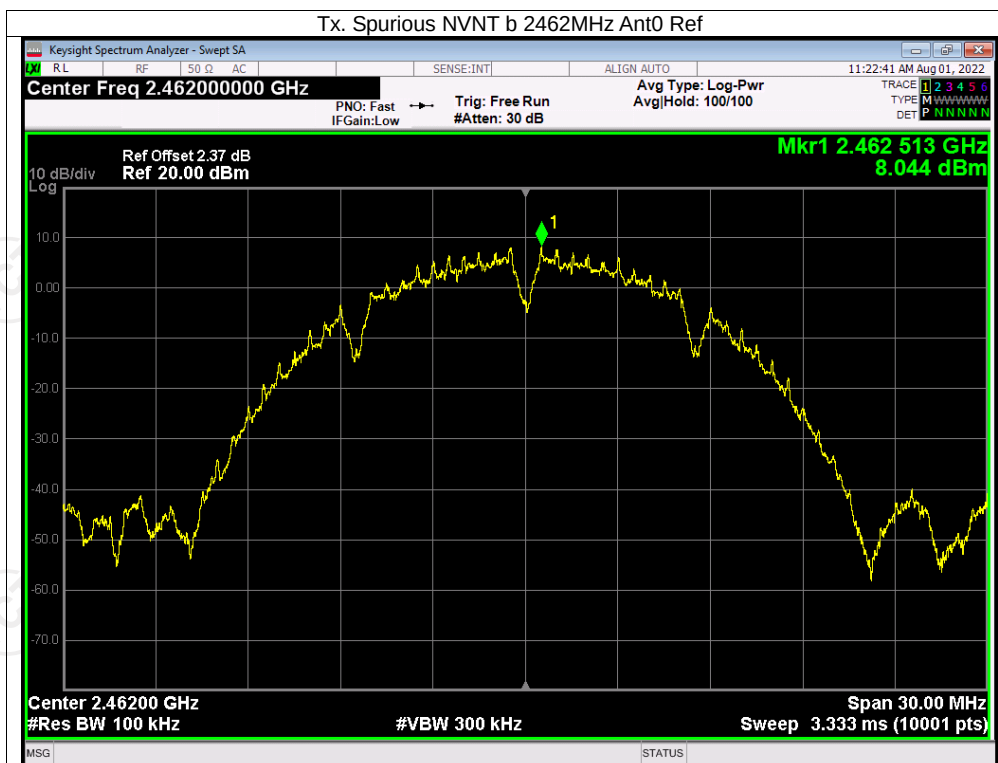
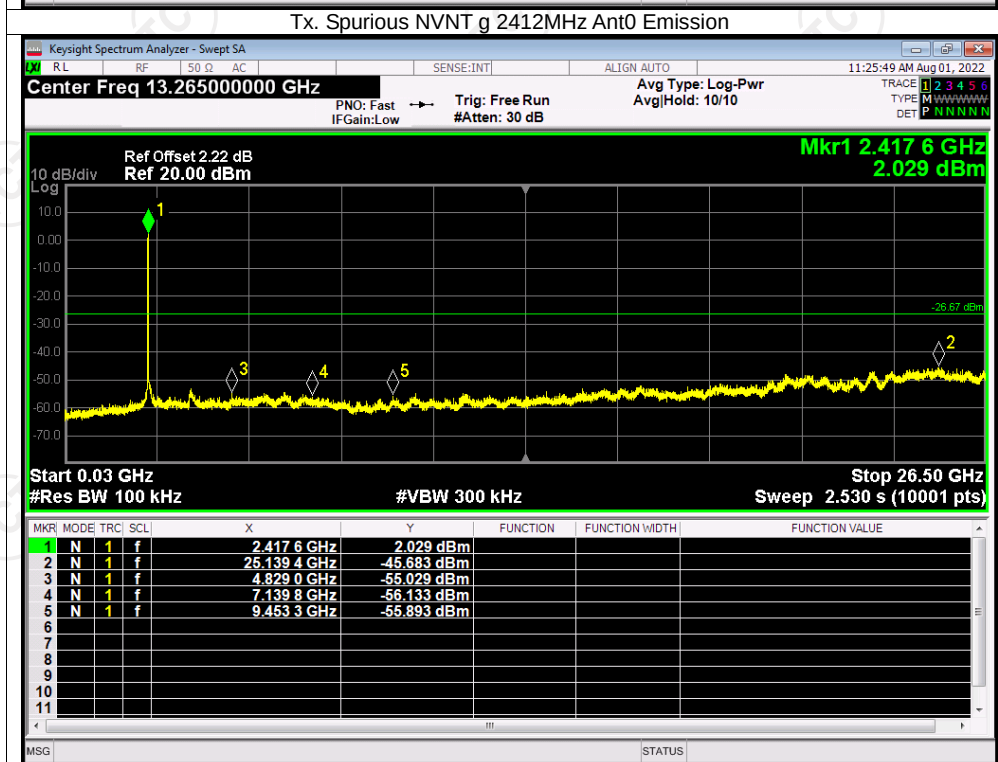
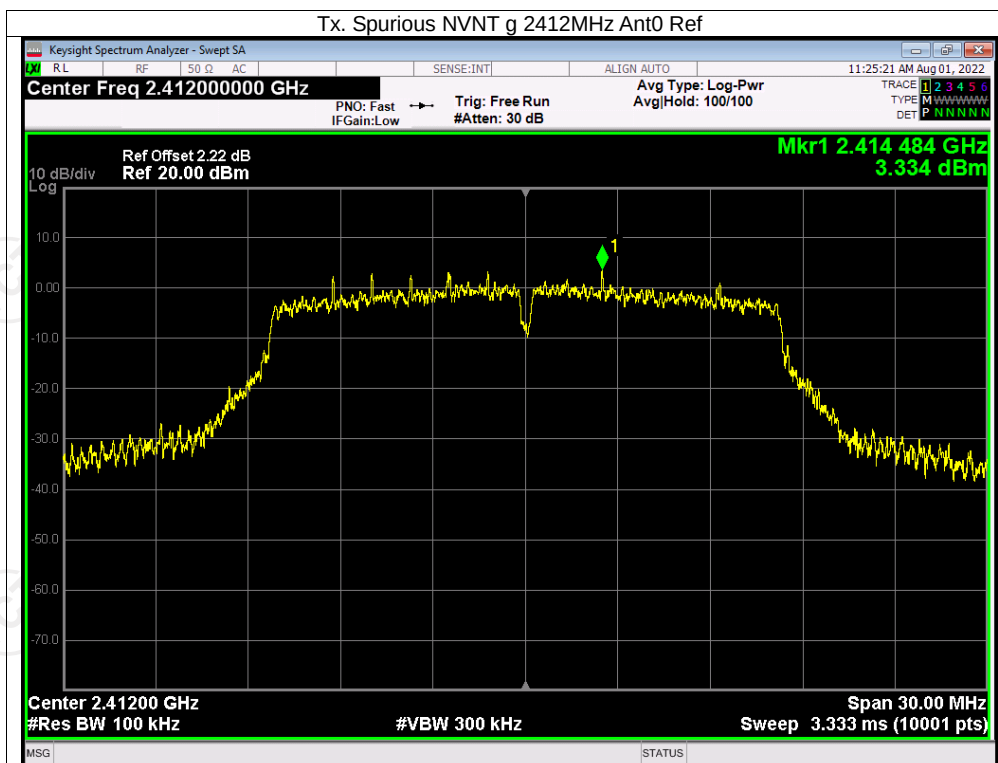
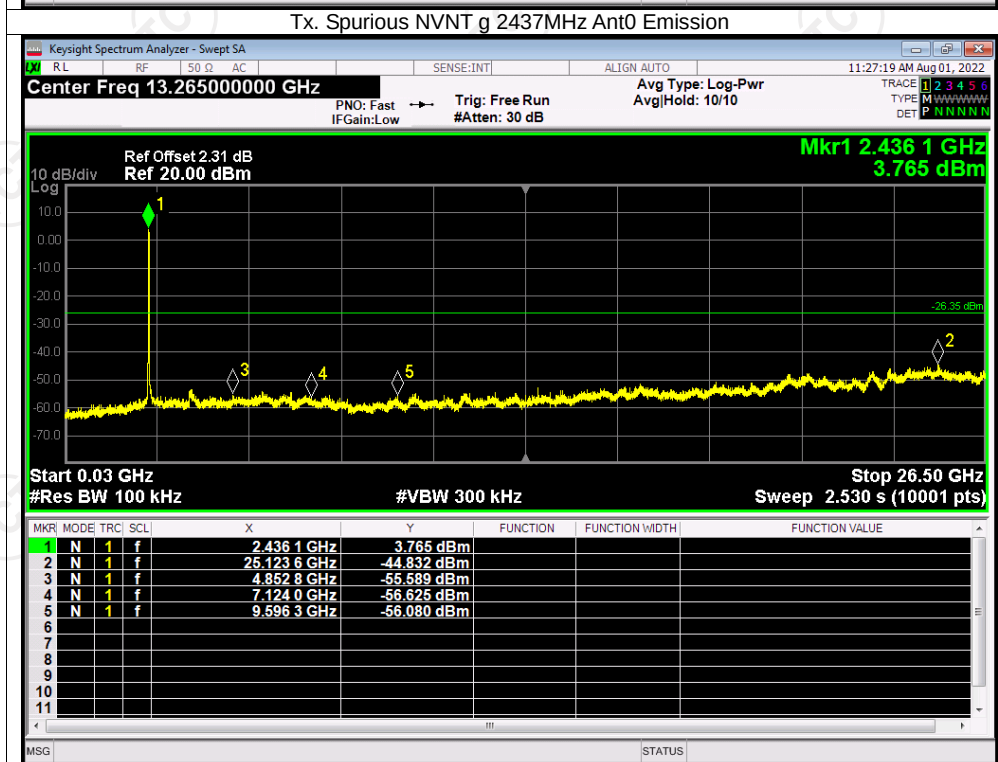
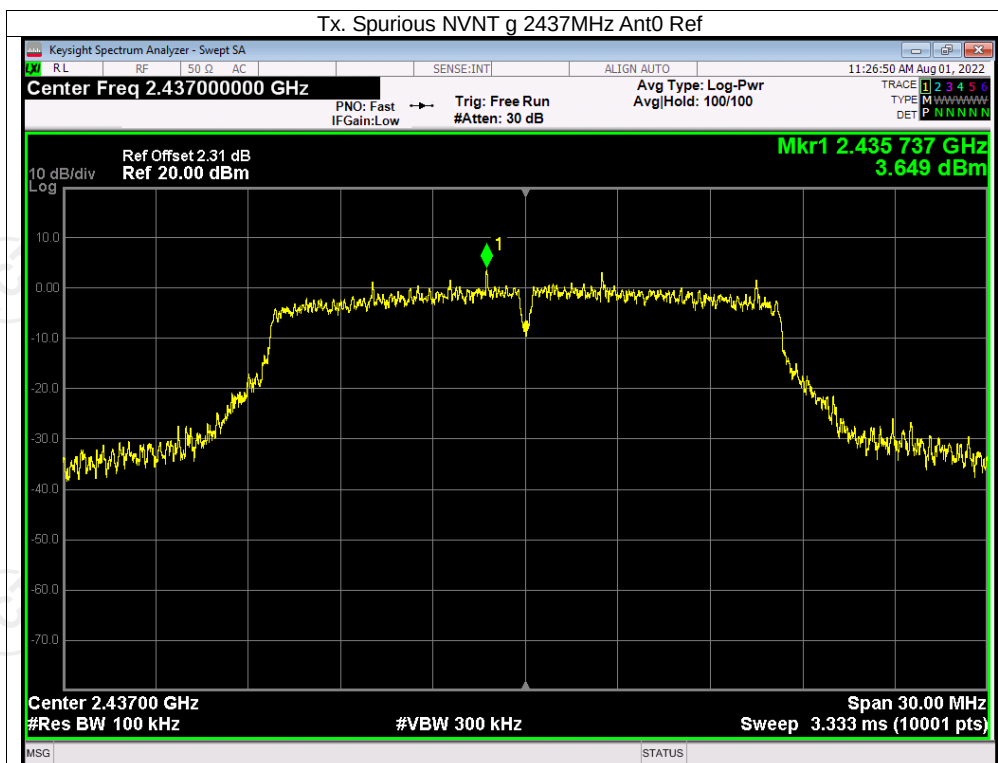
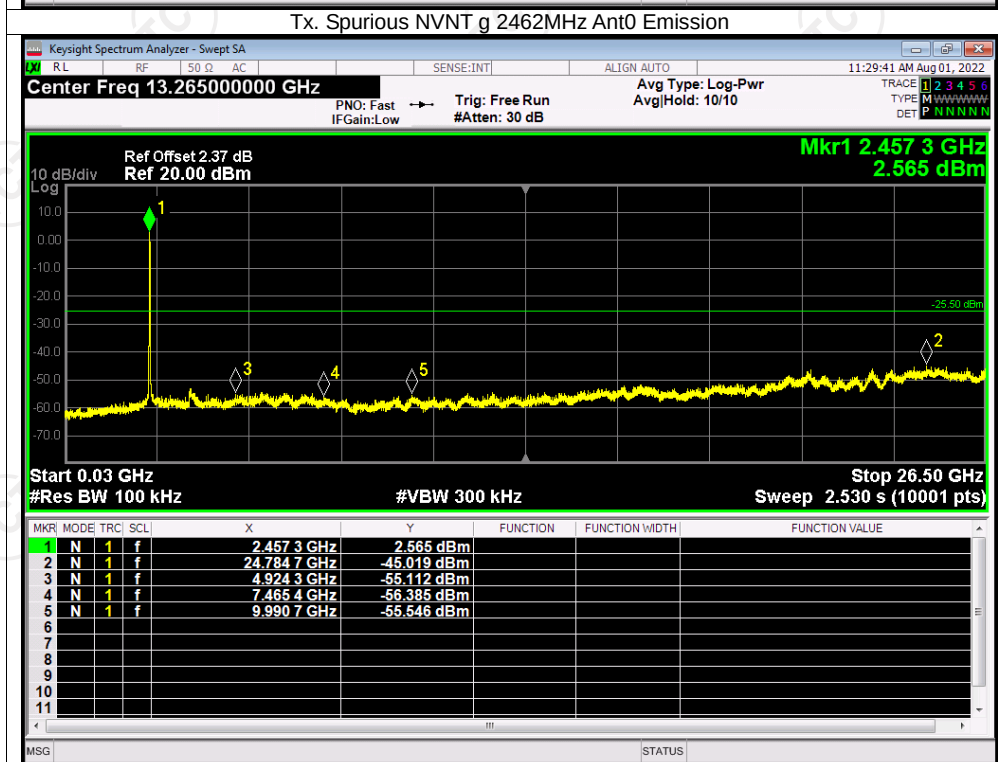
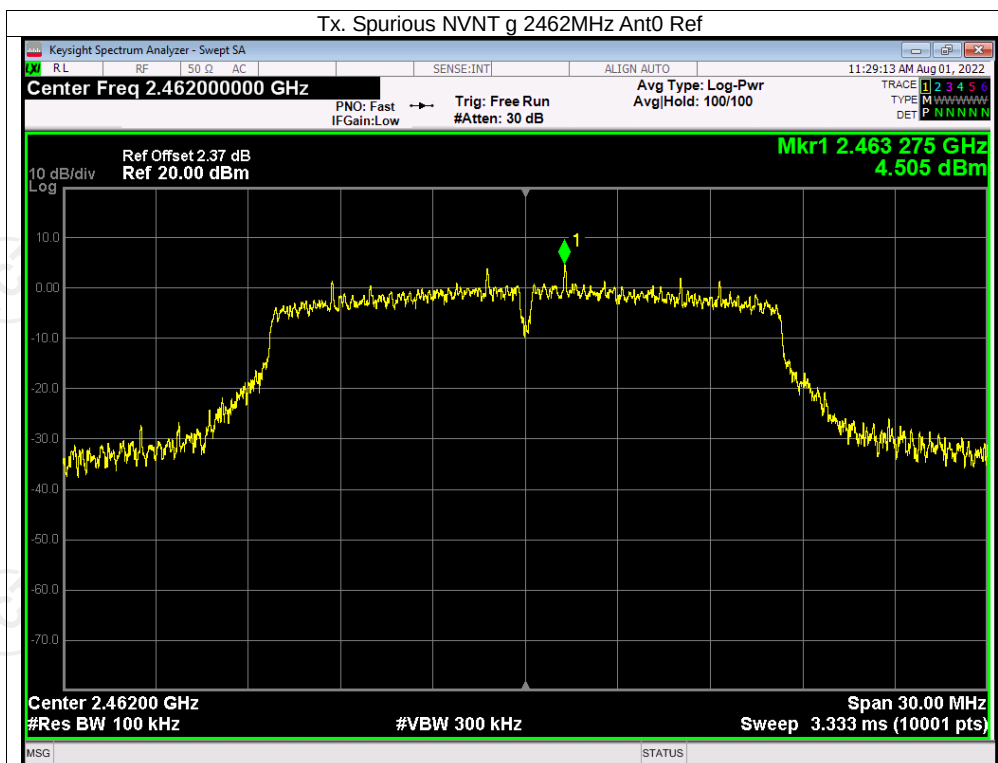
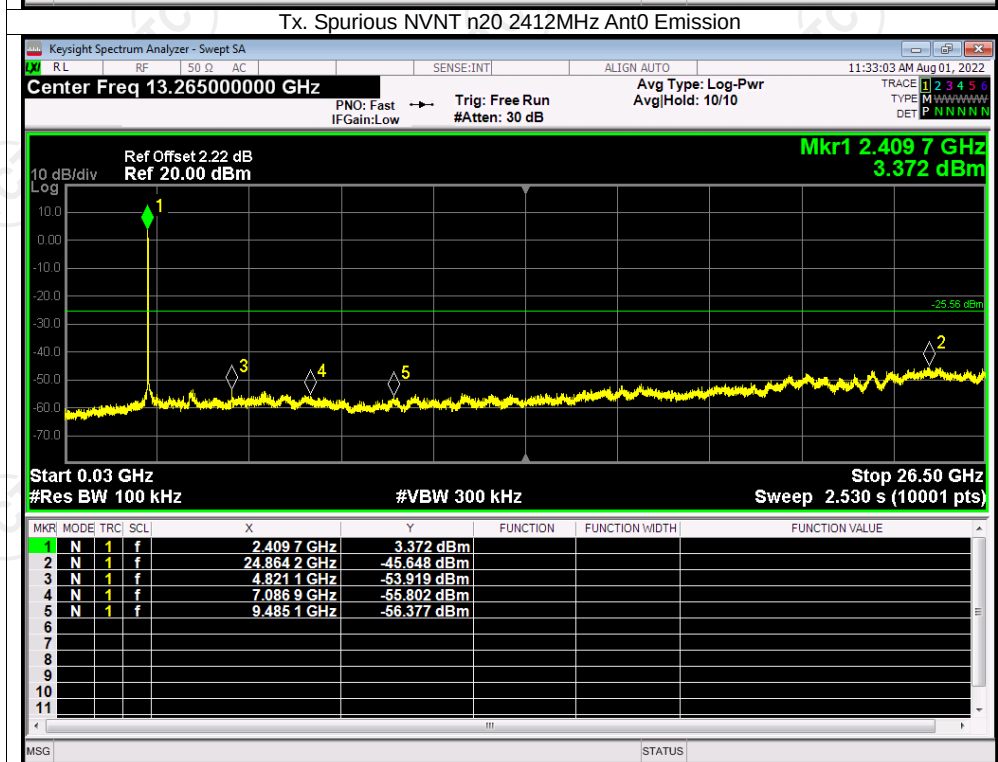
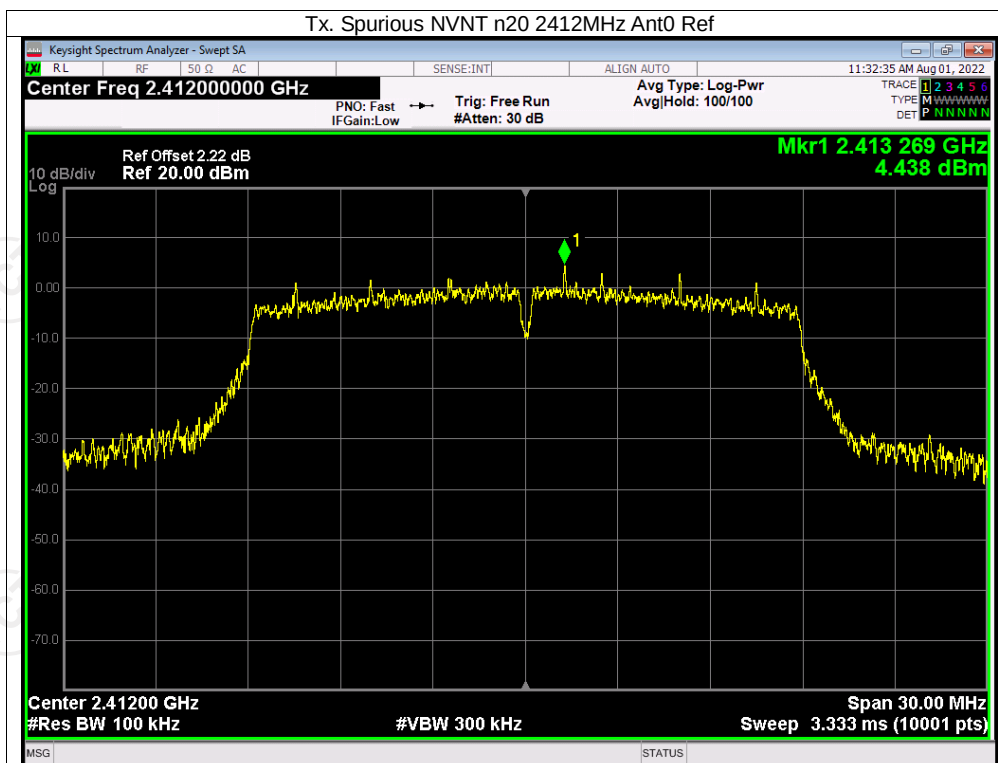


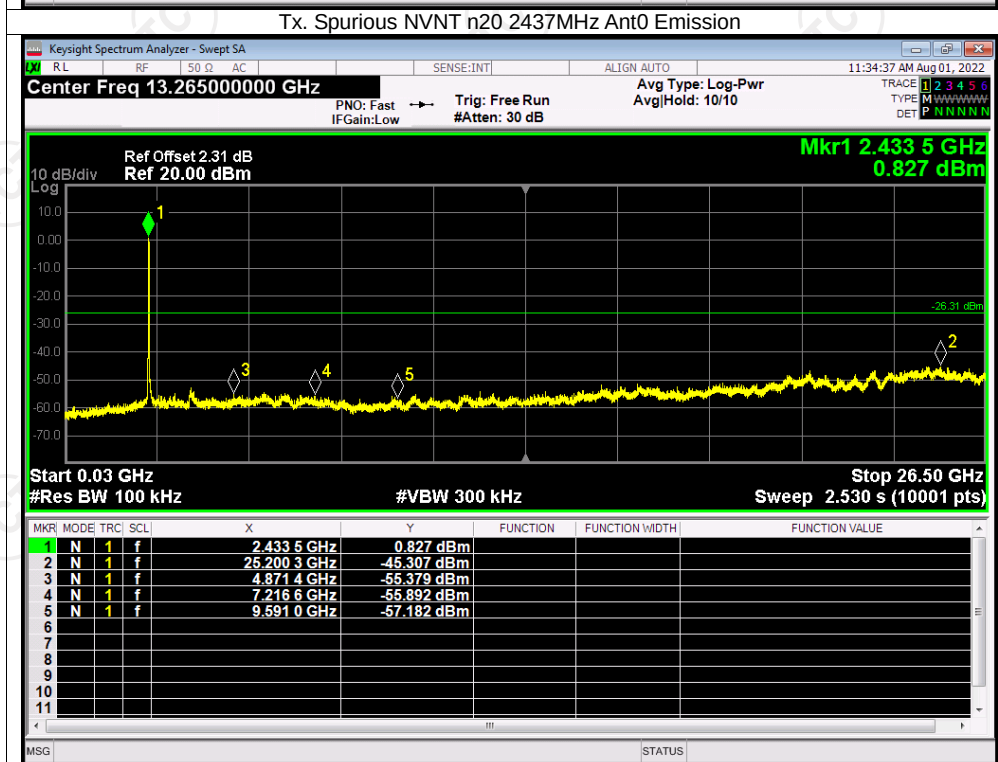
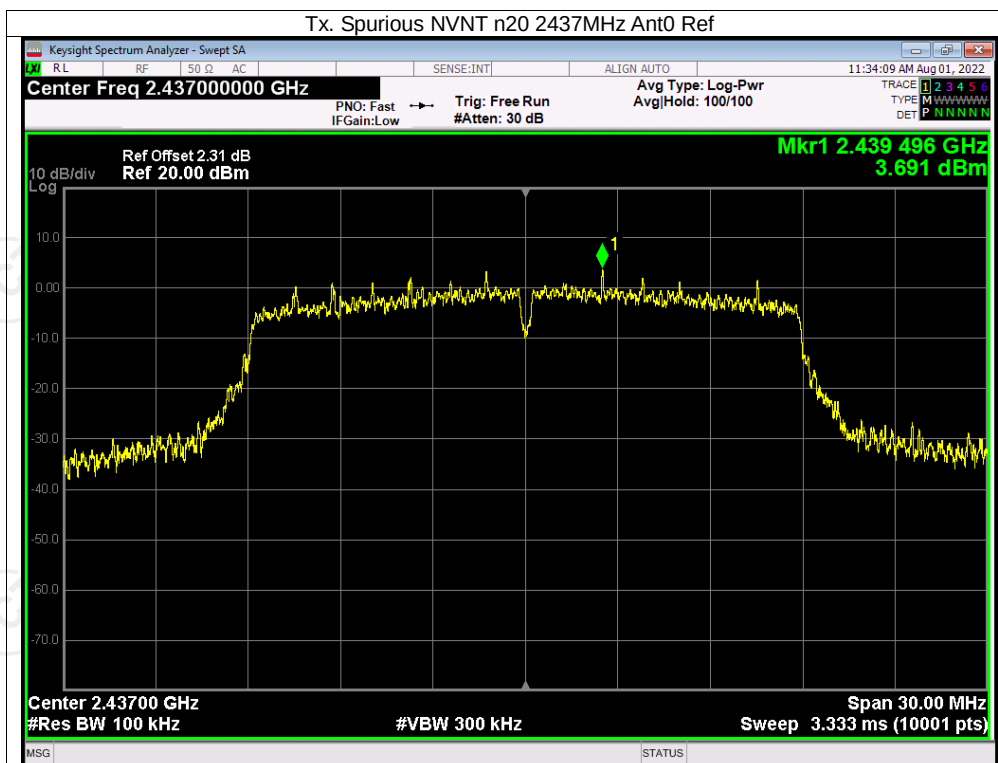


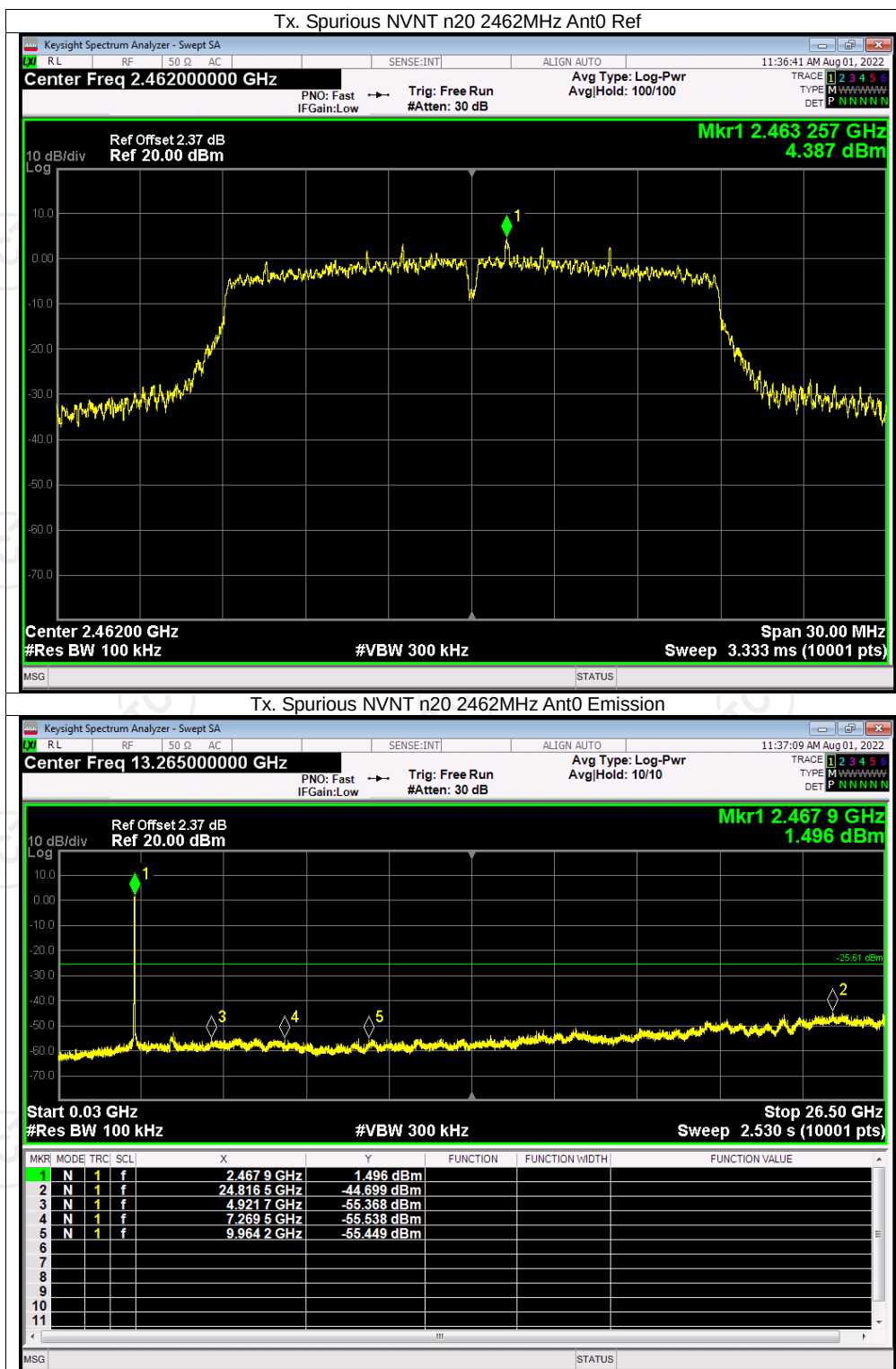


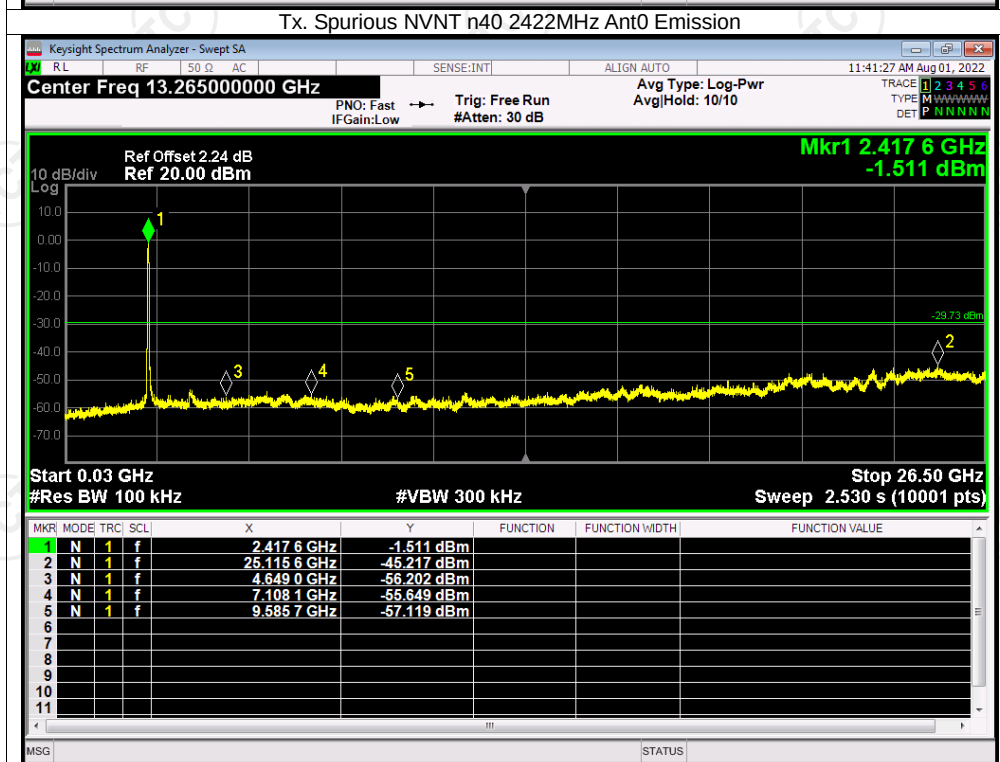
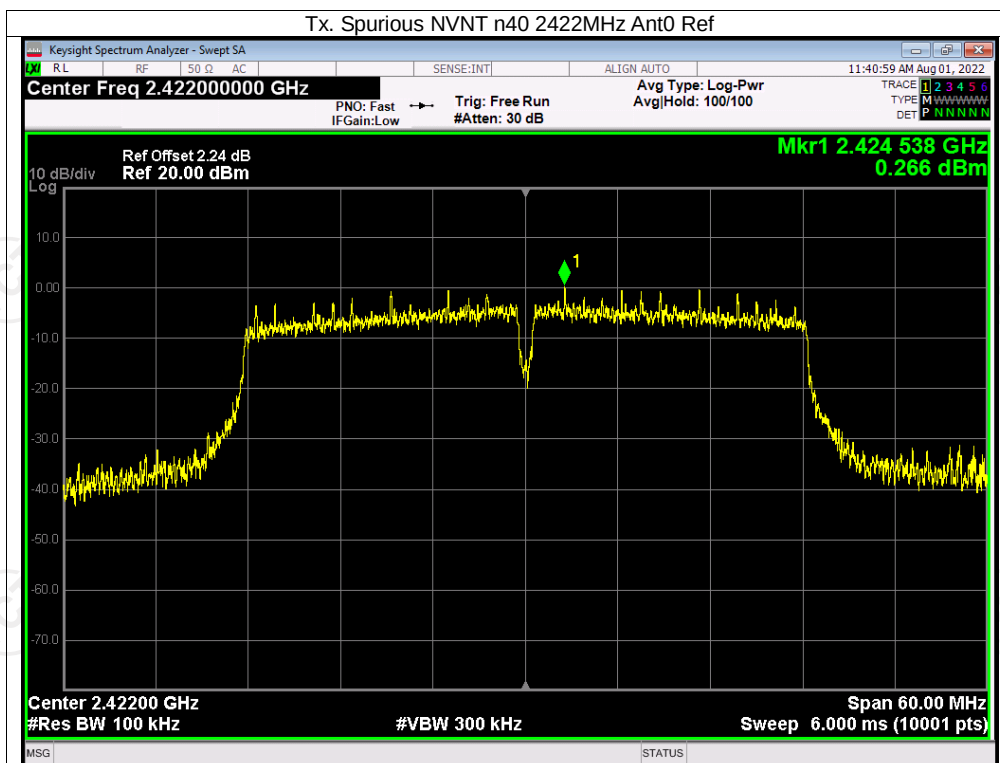


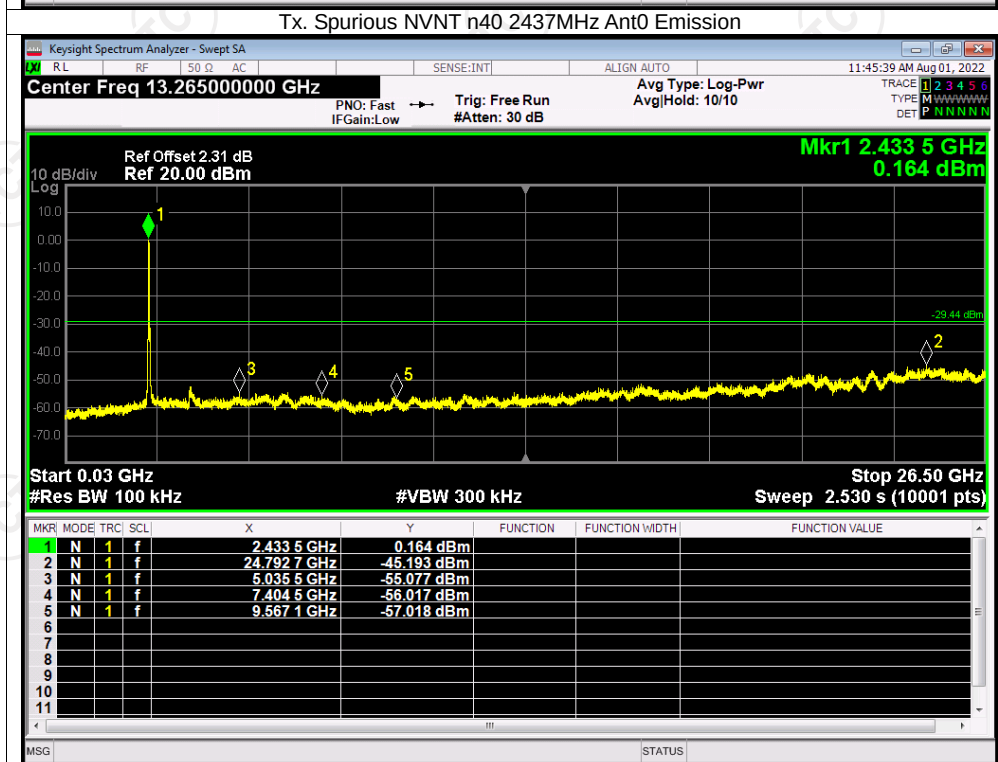
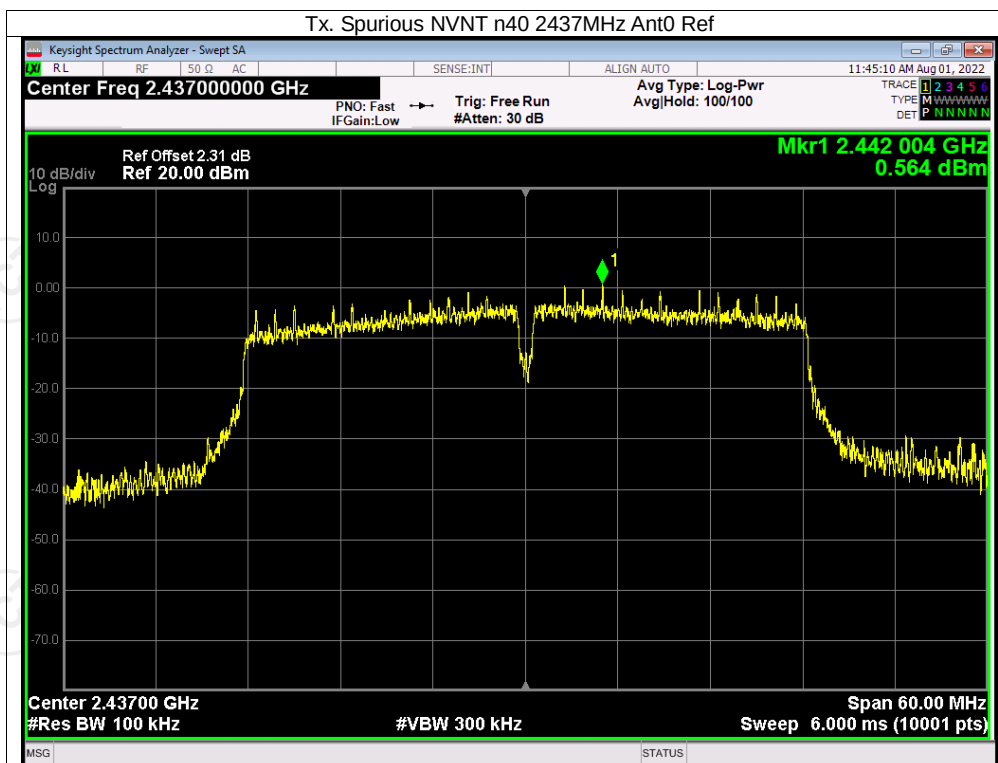


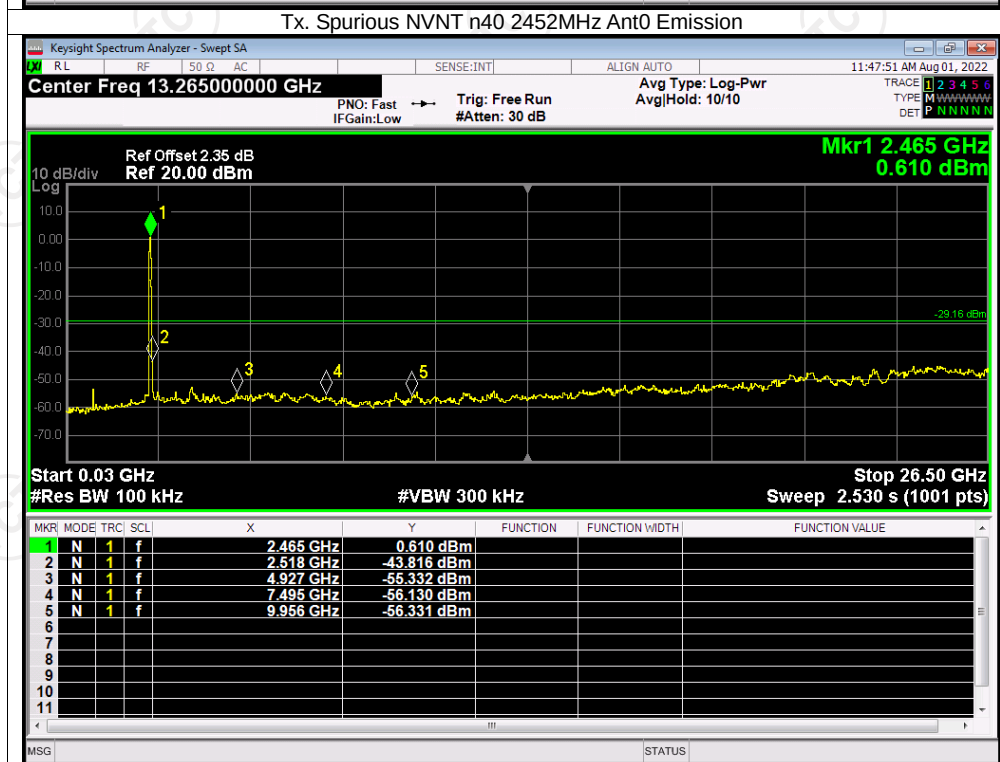
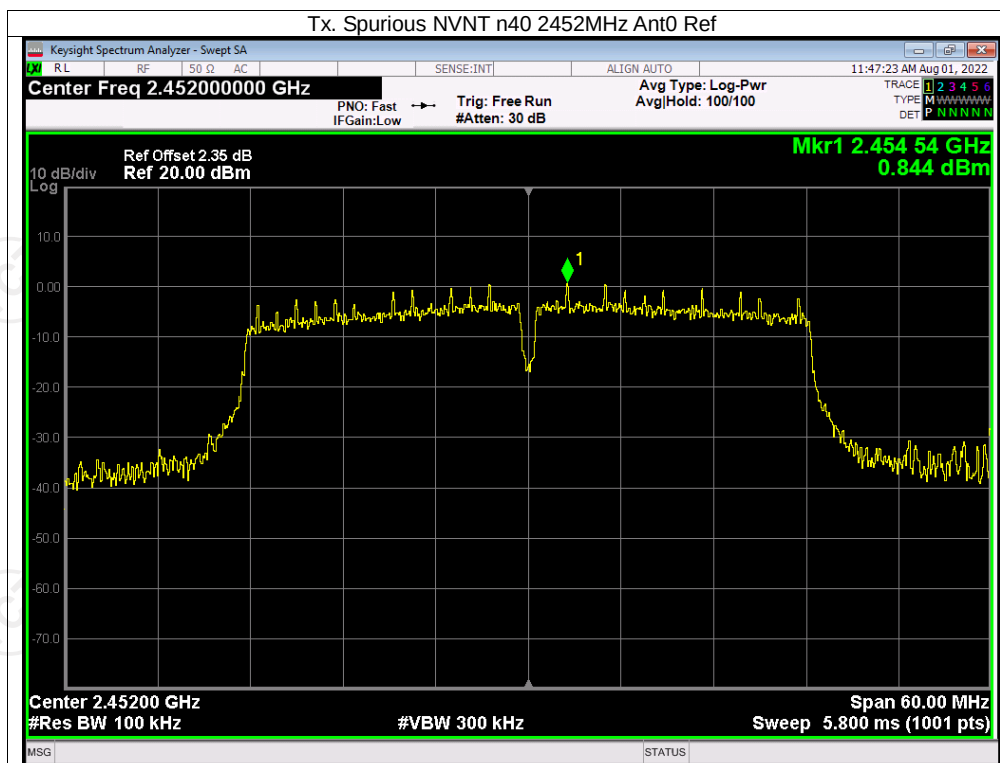








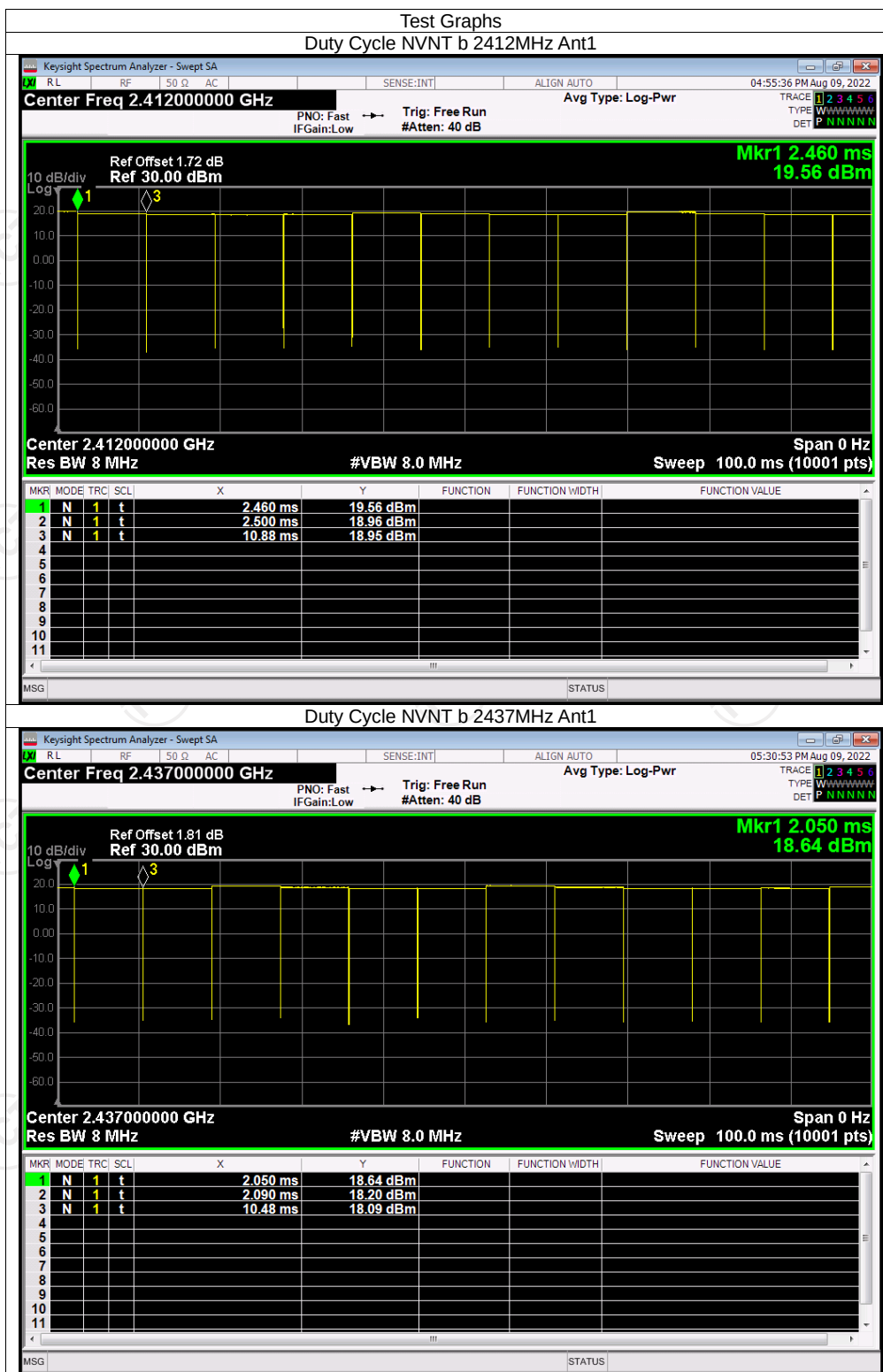


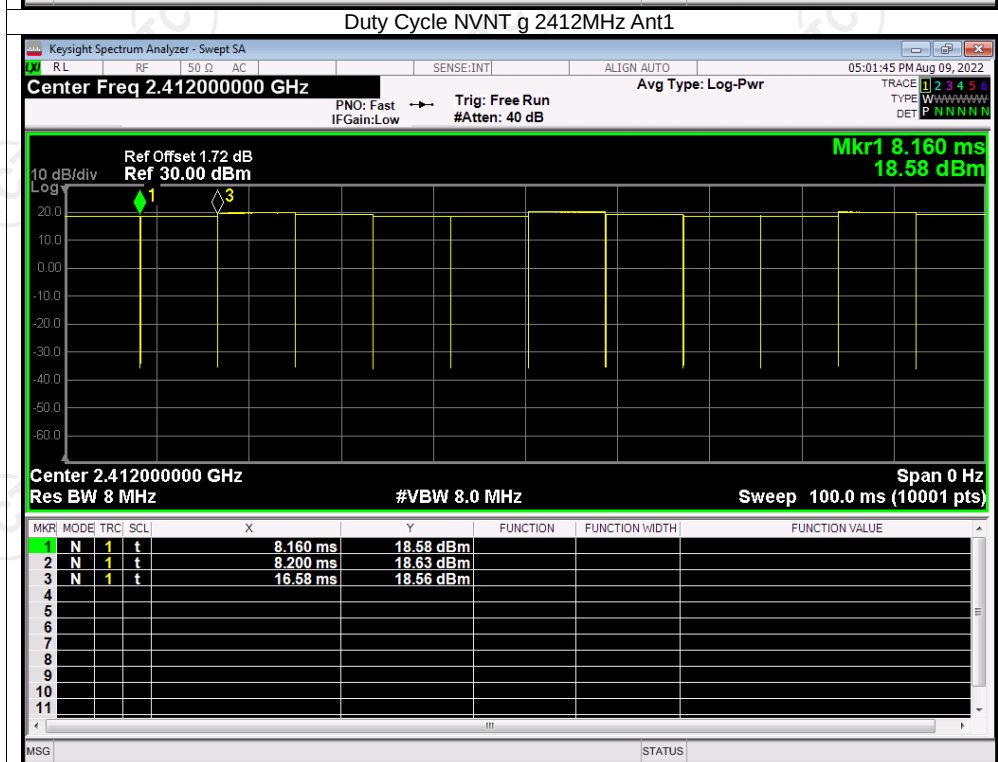
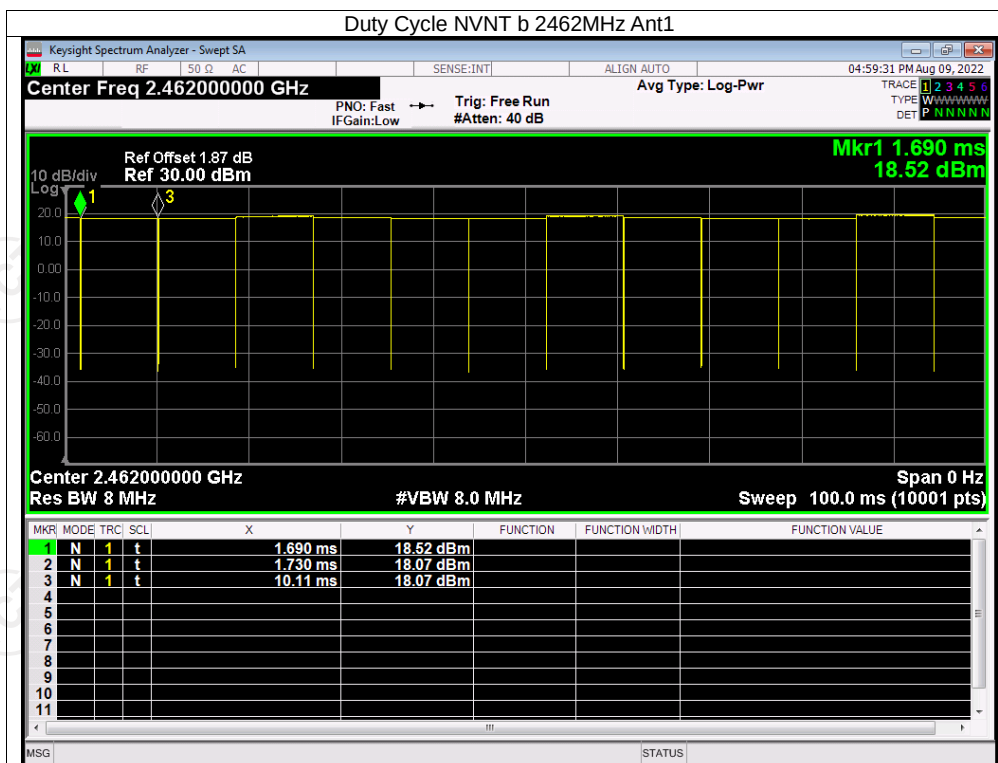


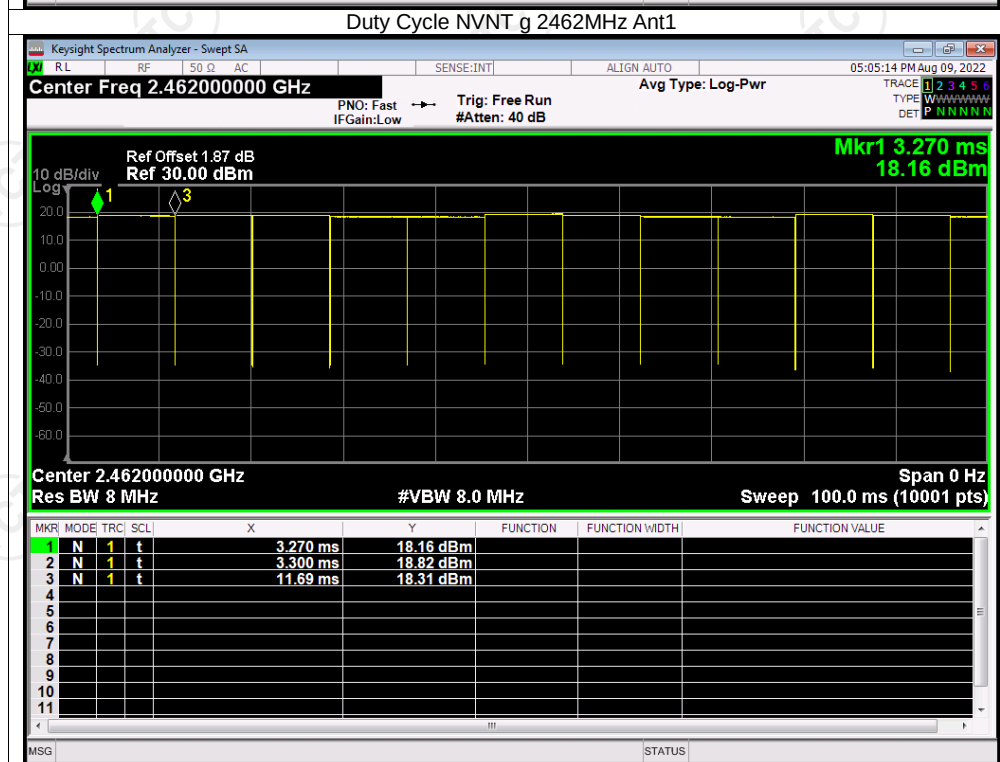
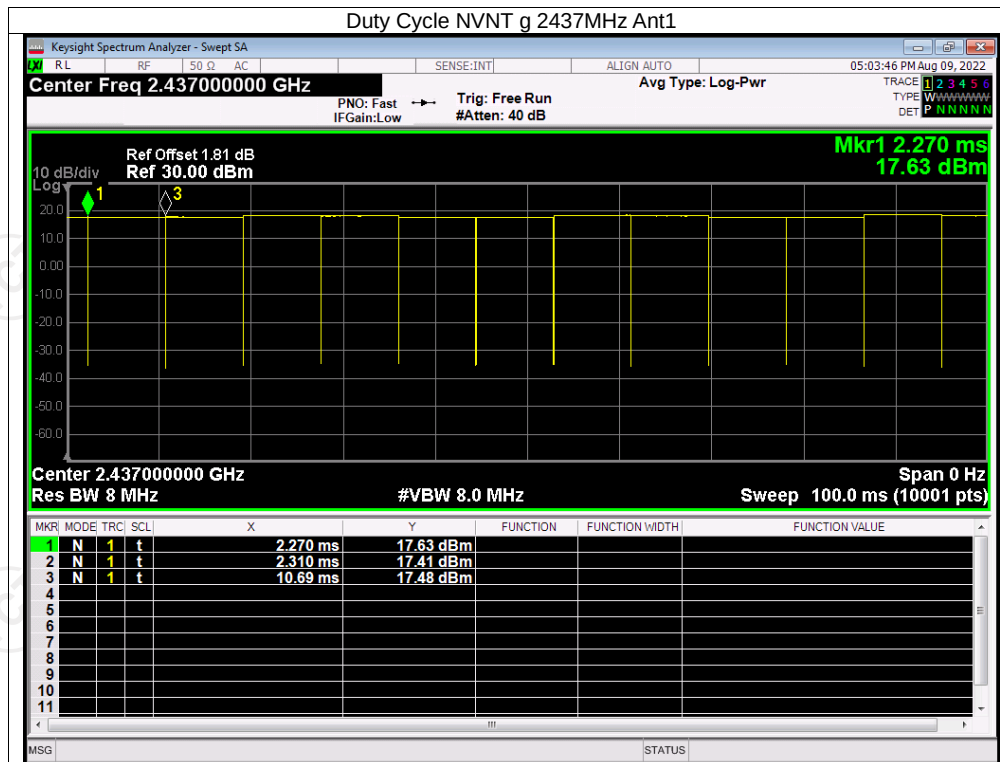
Antenna 1

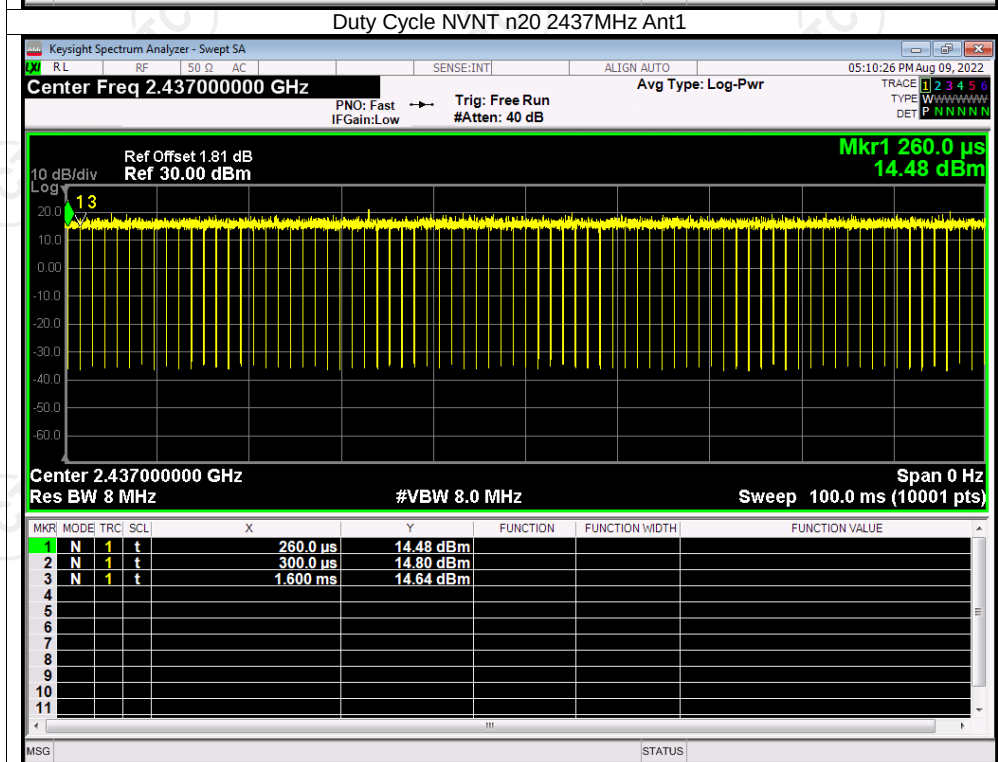
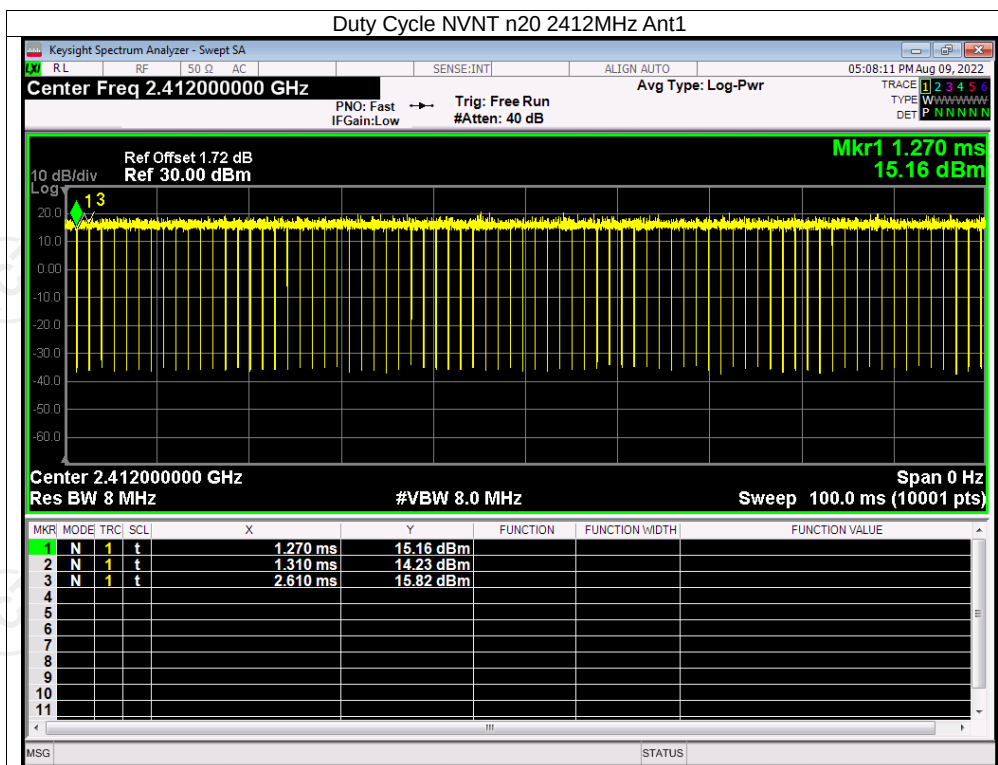
Duty Cycle

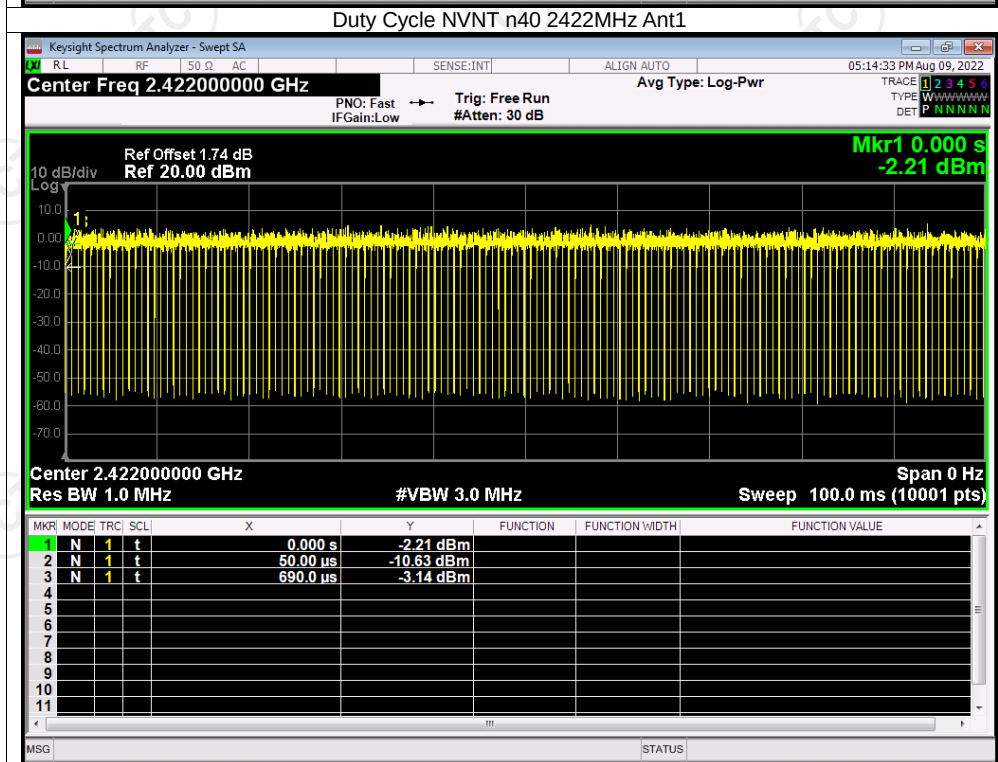
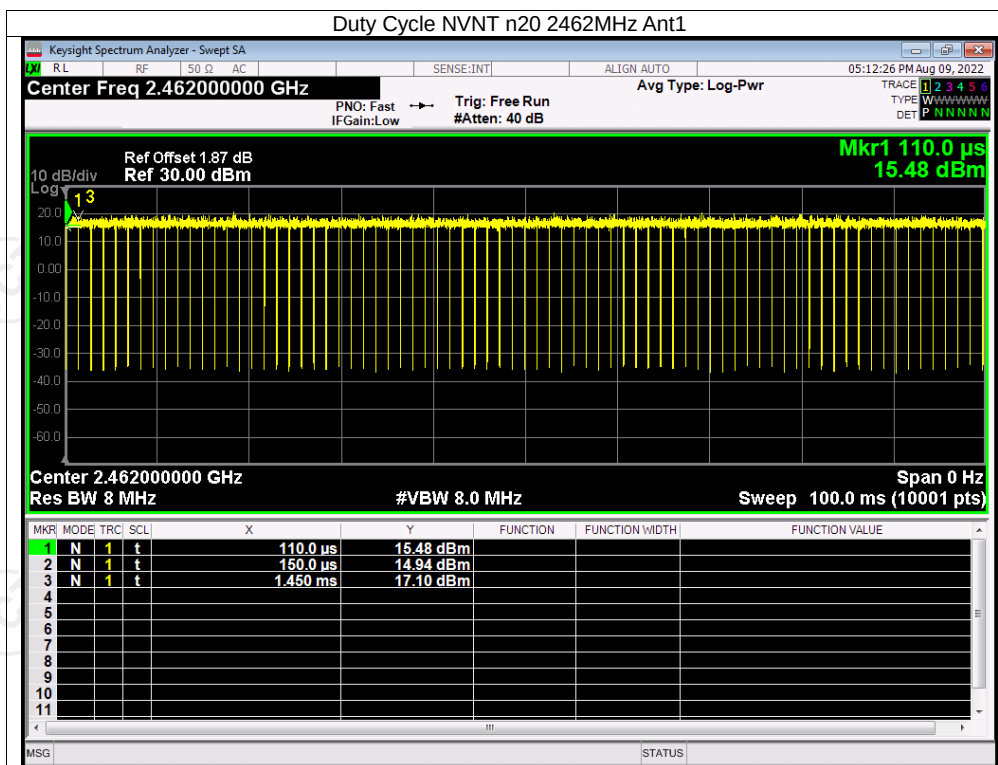
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	99.66	0
NVNT	b	2437	Ant1	99.67	0
NVNT	b	2462	Ant1	99.67	0
NVNT	g	2412	Ant1	99.69	0
NVNT	g	2437	Ant1	99.67	0
NVNT	g	2462	Ant1	99.69	0
NVNT	n20	2412	Ant1	97.50	0.11
NVNT	n20	2437	Ant1	97.44	0.11
NVNT	n20	2462	Ant1	97.44	0.11
NVNT	n40	2422	Ant1	95.15	0.22
NVNT	n40	2437	Ant1	95.21	0.21
NVNT	n40	2452	Ant1	95.18	0.21

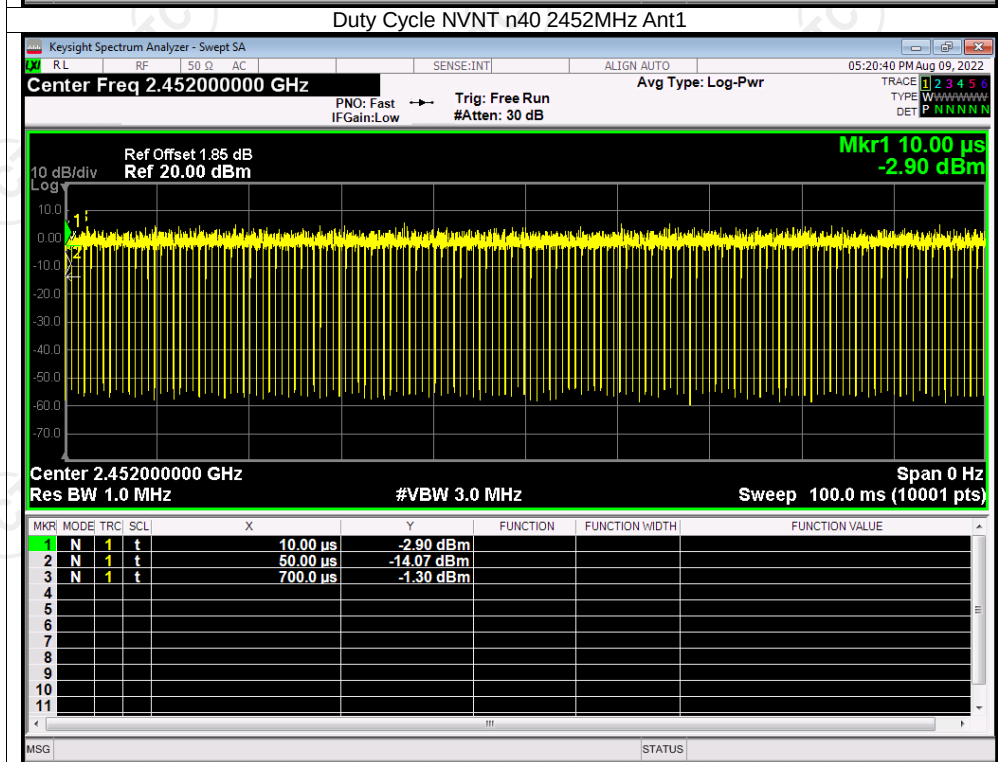
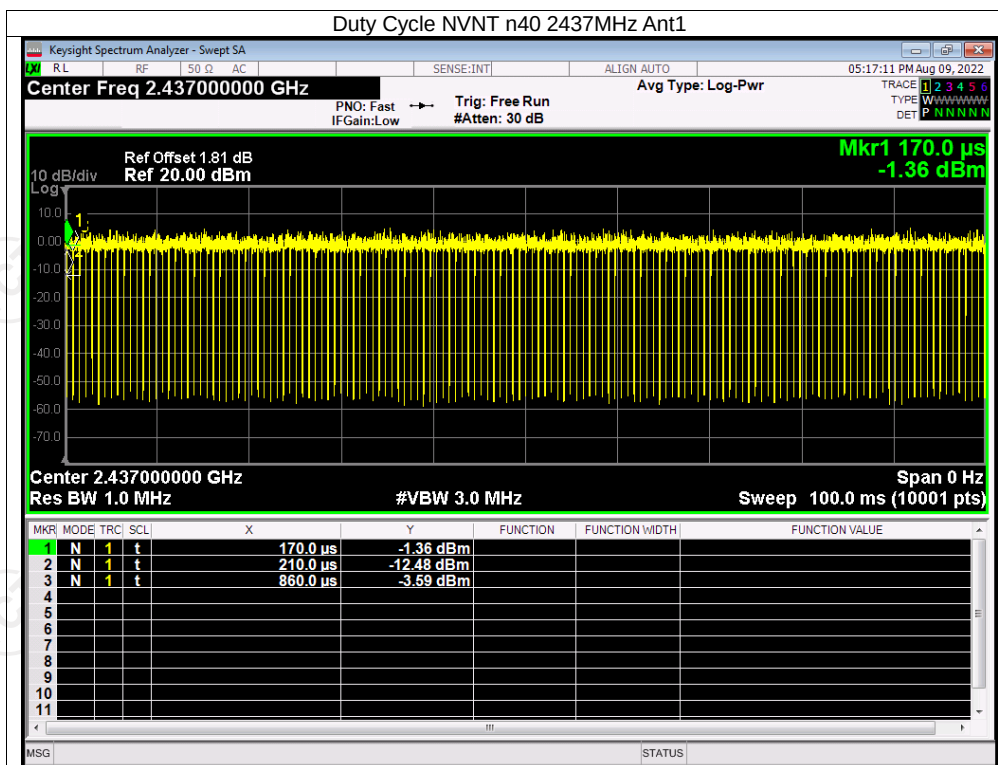






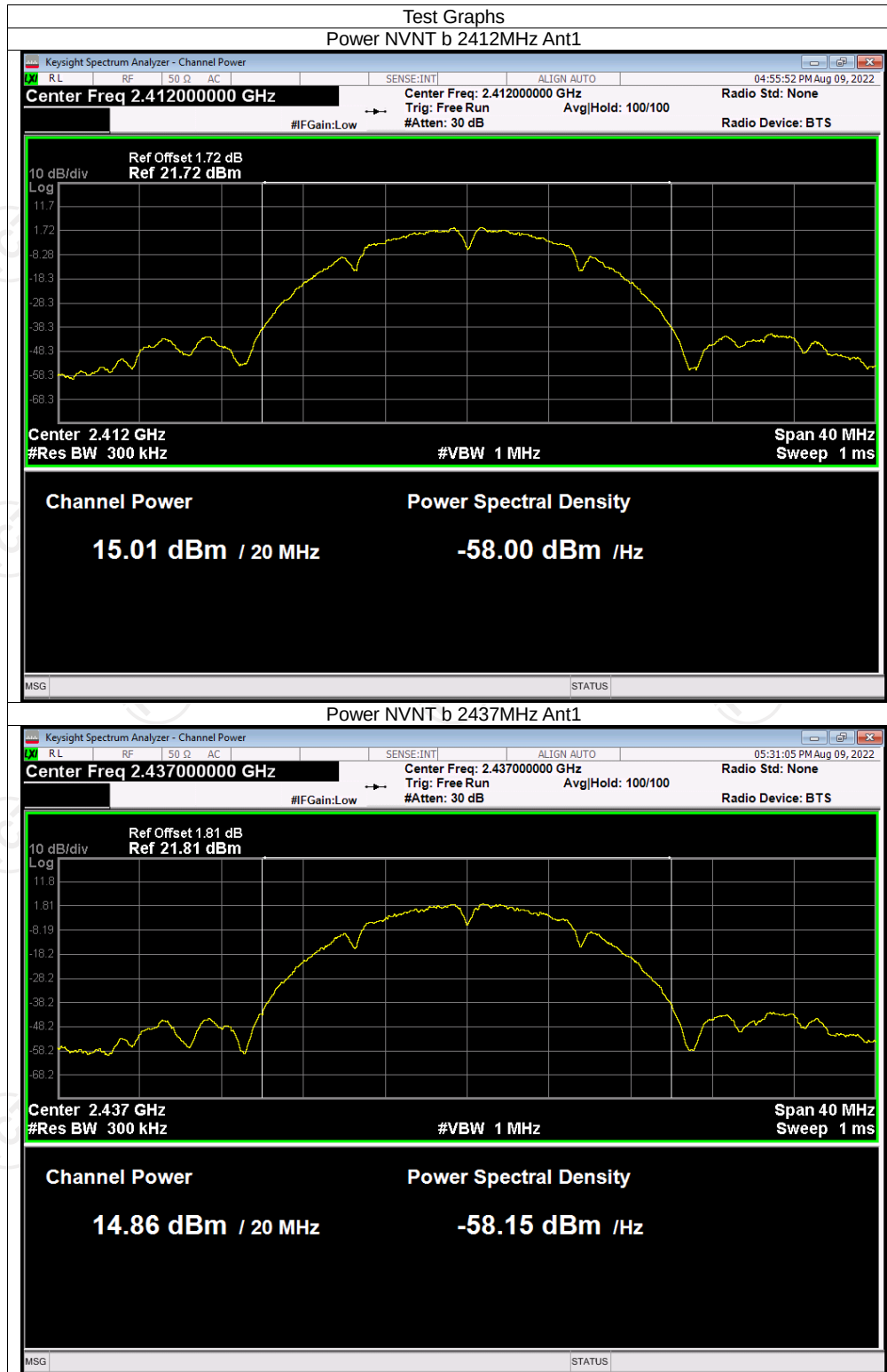


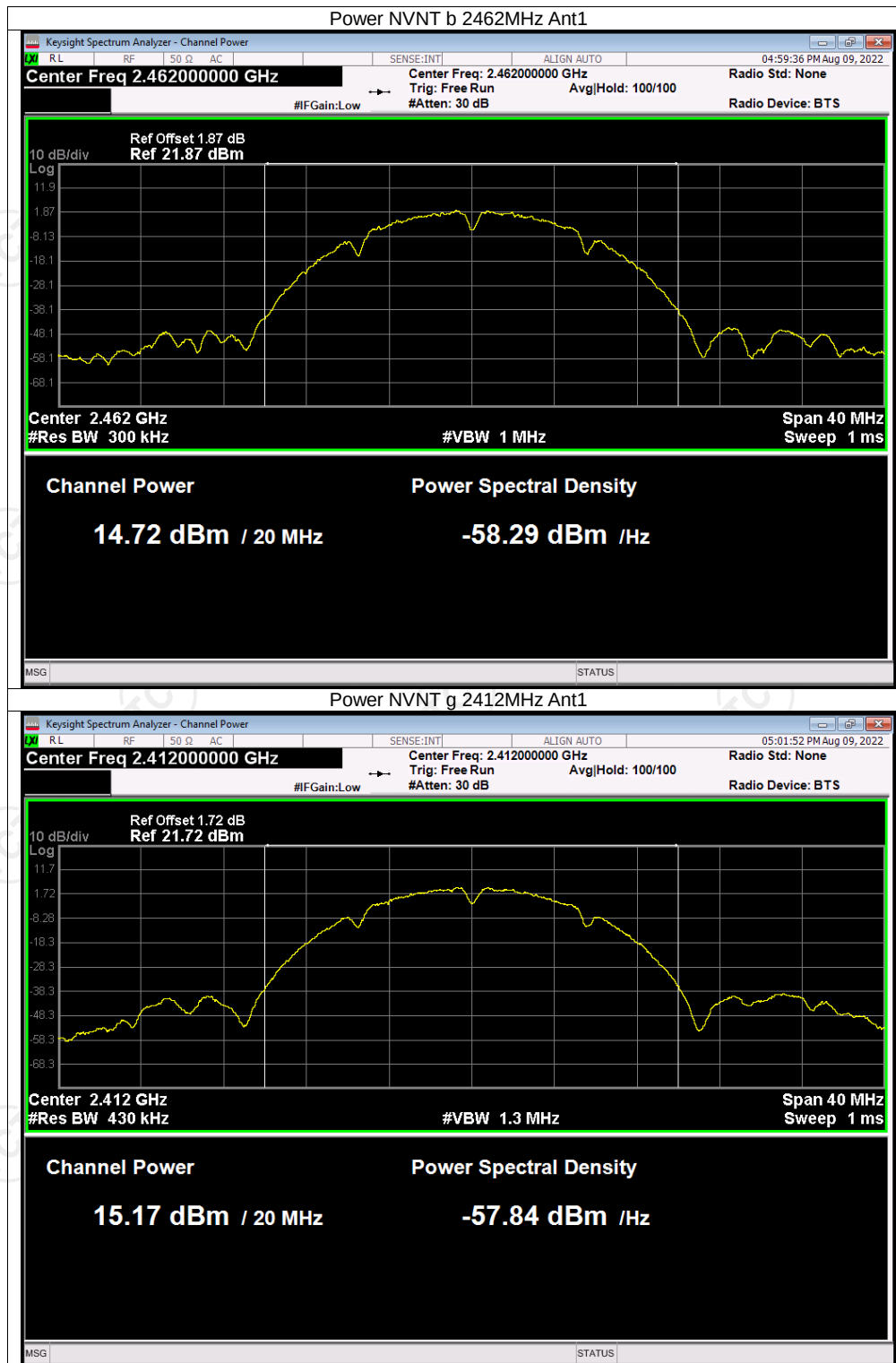


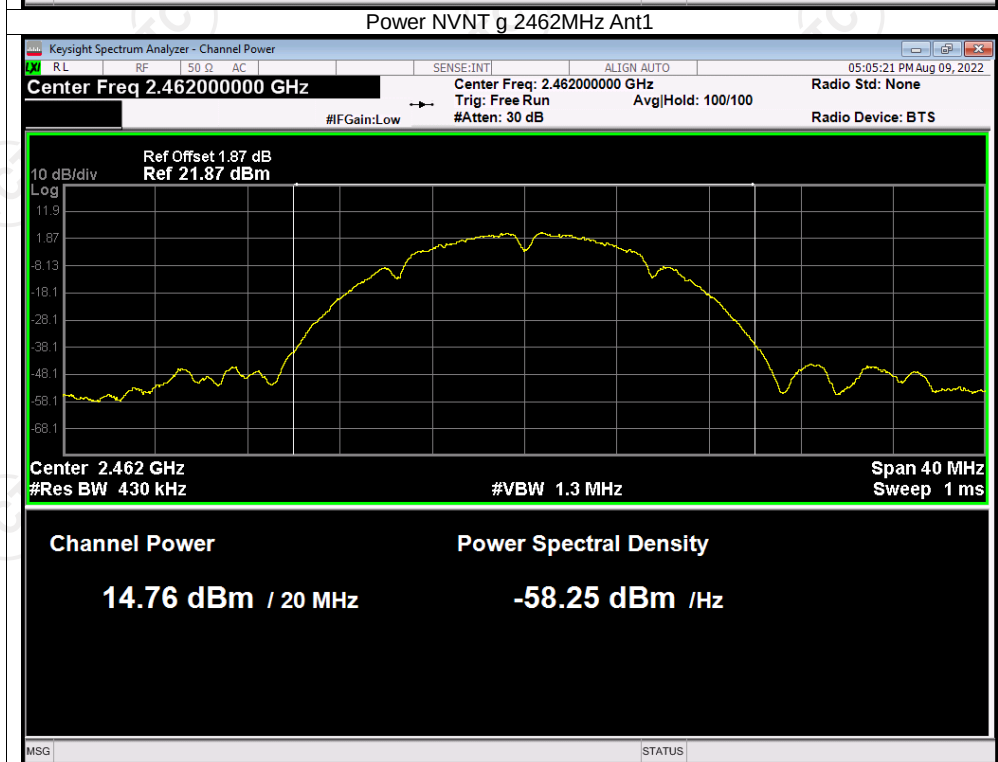
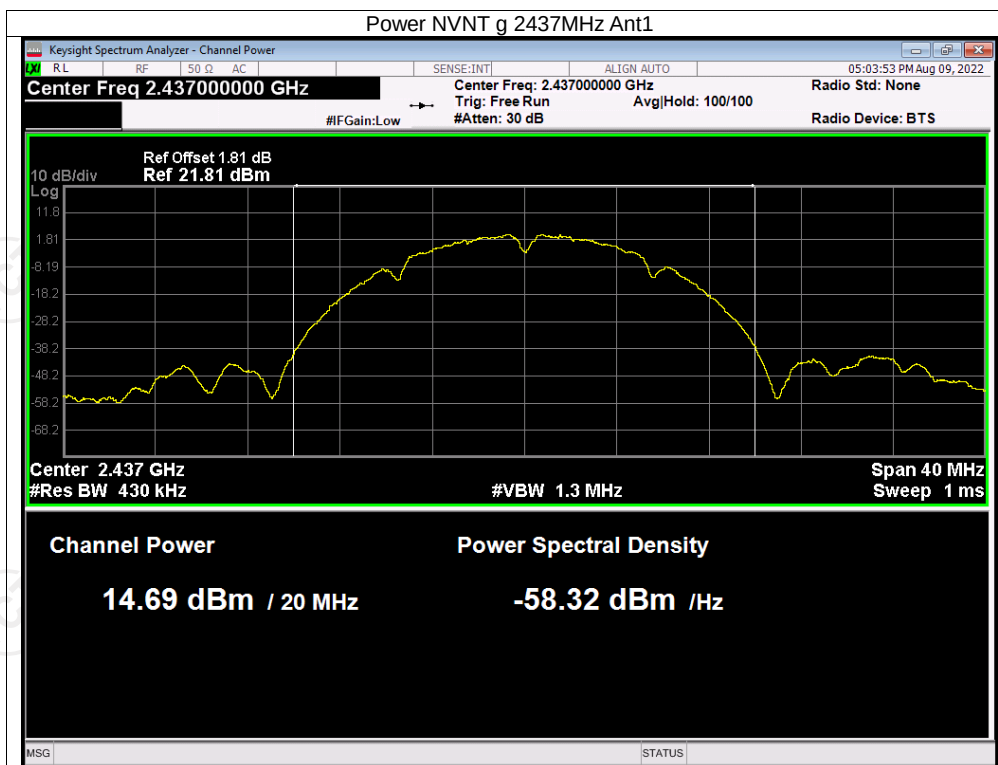


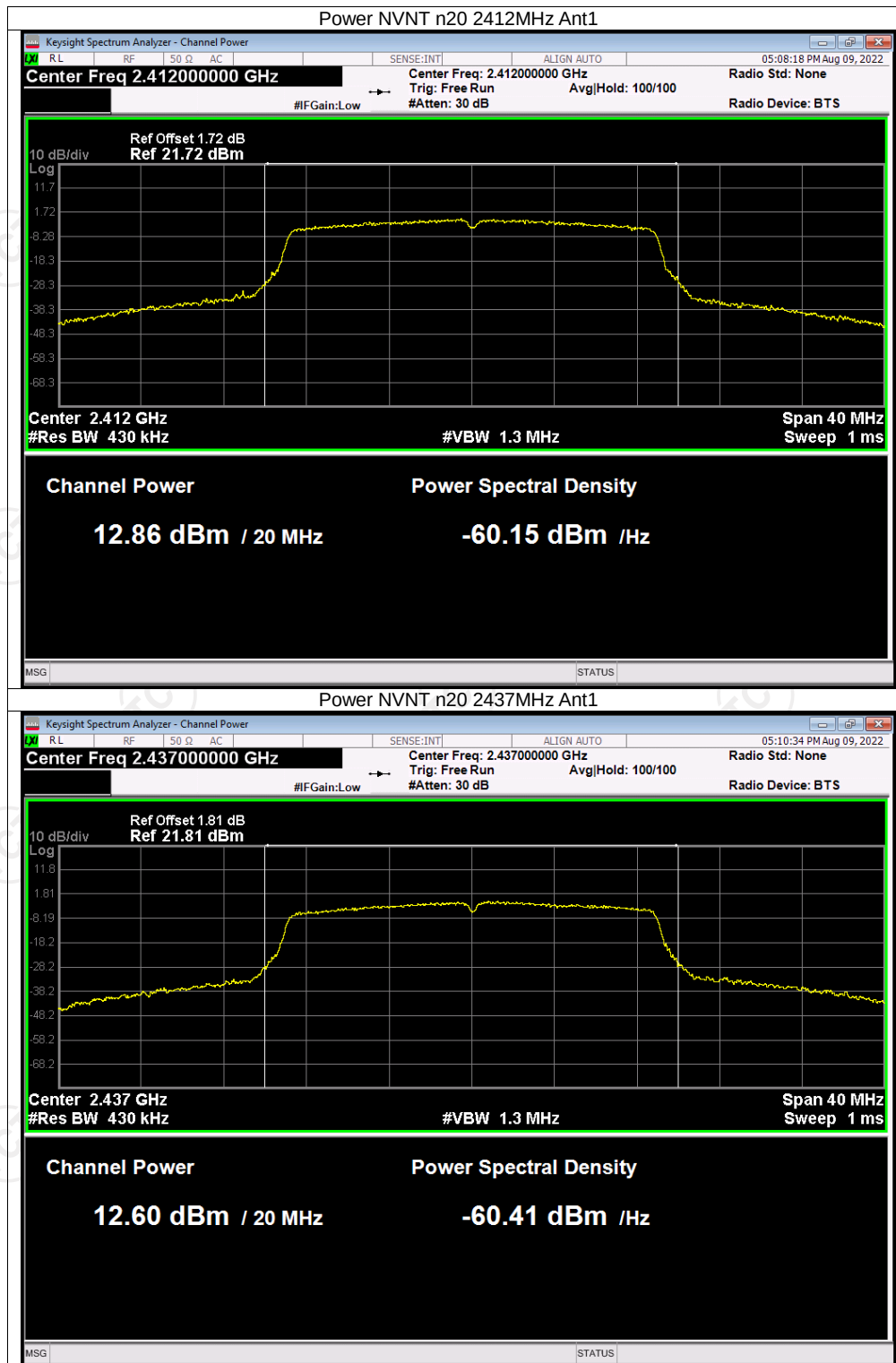
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.01	0	15.01	30	Pass
NVNT	b	2437	Ant1	14.86	0	14.86	30	Pass
NVNT	b	2462	Ant1	14.72	0	14.72	30	Pass
NVNT	g	2412	Ant1	15.17	0	15.17	30	Pass
NVNT	g	2437	Ant1	14.69	0	14.69	30	Pass
NVNT	g	2462	Ant1	14.76	0	14.76	30	Pass
NVNT	n20	2412	Ant1	12.86	0.11	12.97	30	Pass
NVNT	n20	2437	Ant1	12.60	0.11	12.71	30	Pass
NVNT	n20	2462	Ant1	12.60	0.11	12.71	30	Pass
NVNT	n40	2422	Ant1	11.95	0.22	12.17	30	Pass
NVNT	n40	2437	Ant1	11.85	0.21	12.06	30	Pass
NVNT	n40	2452	Ant1	11.58	0.21	11.79	30	Pass

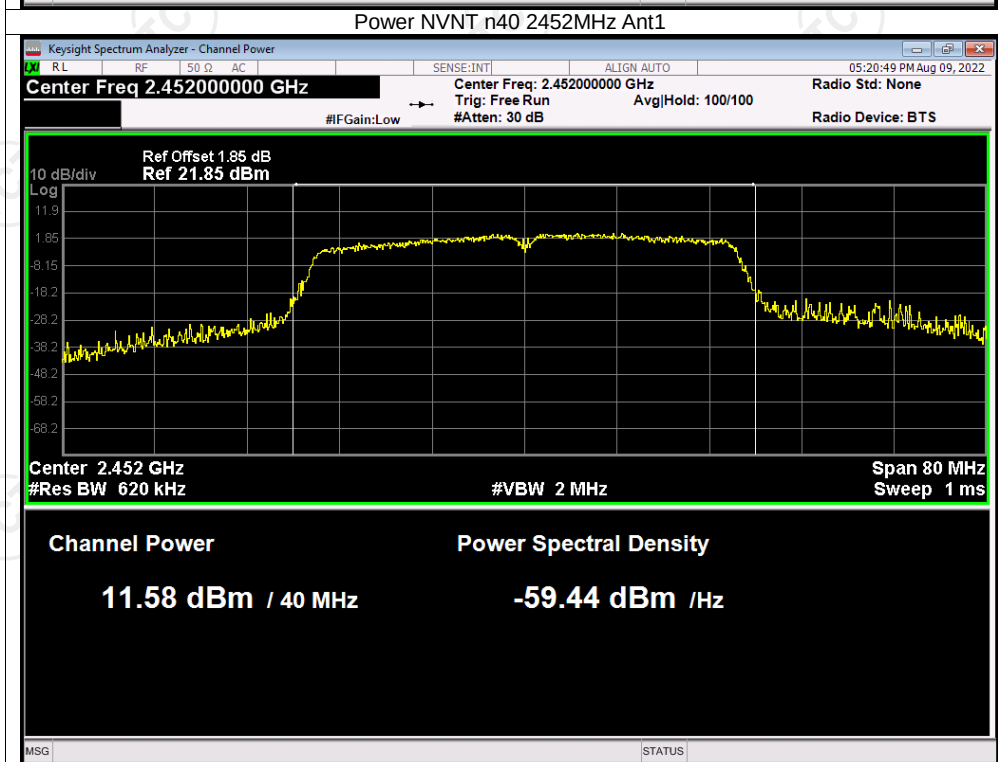
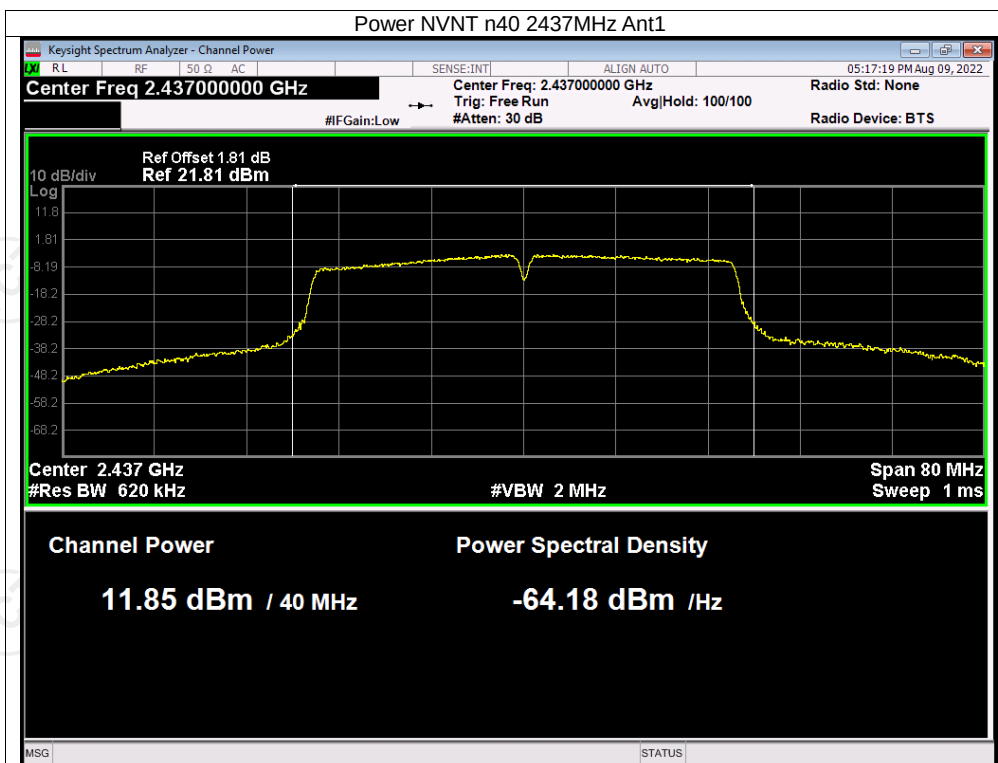








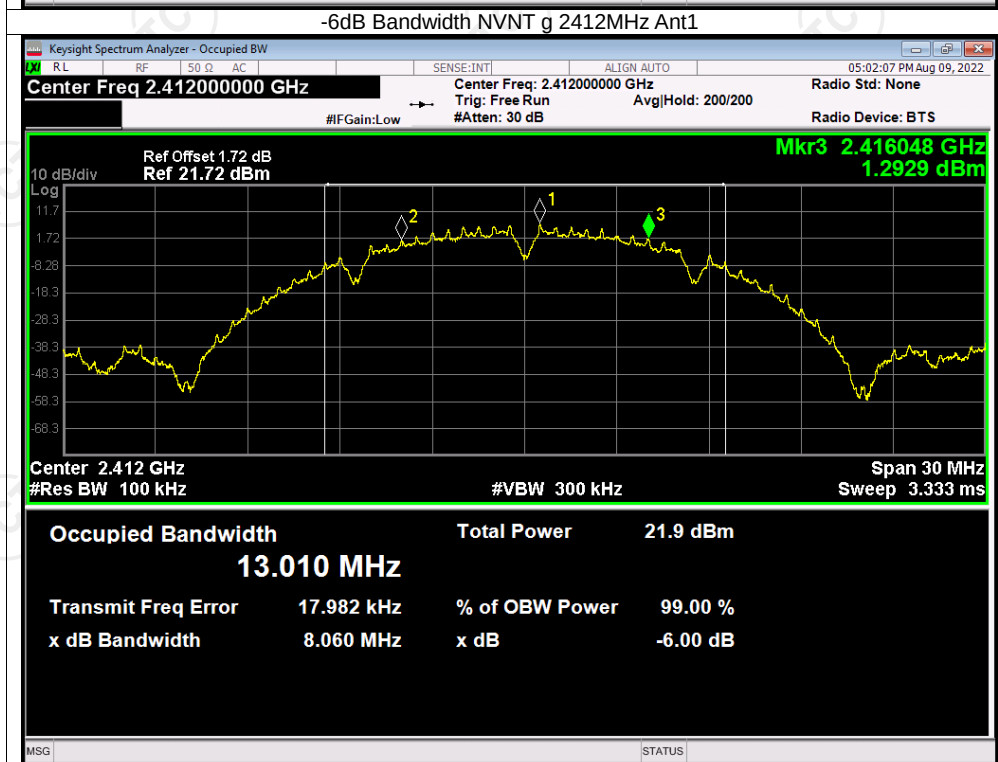
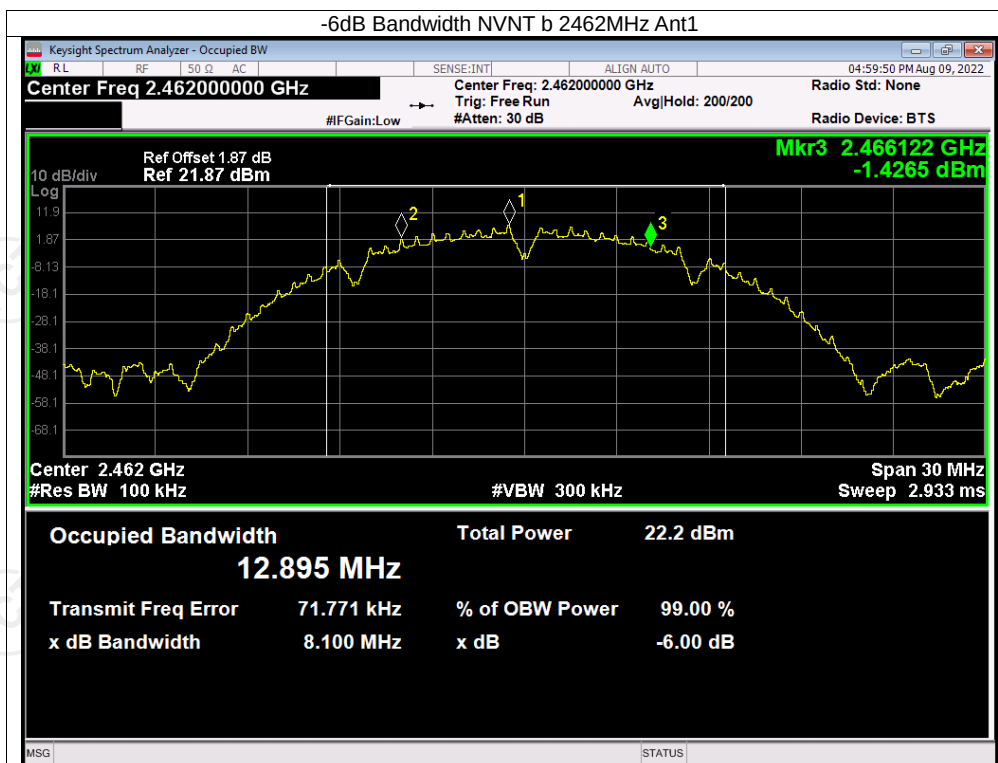


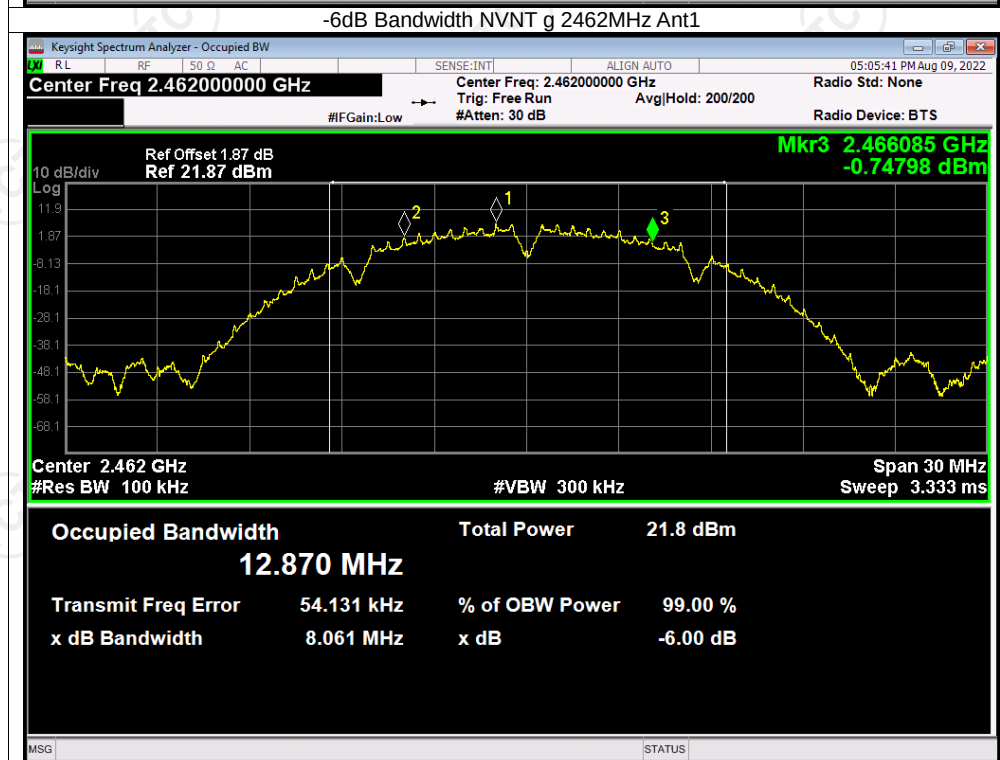
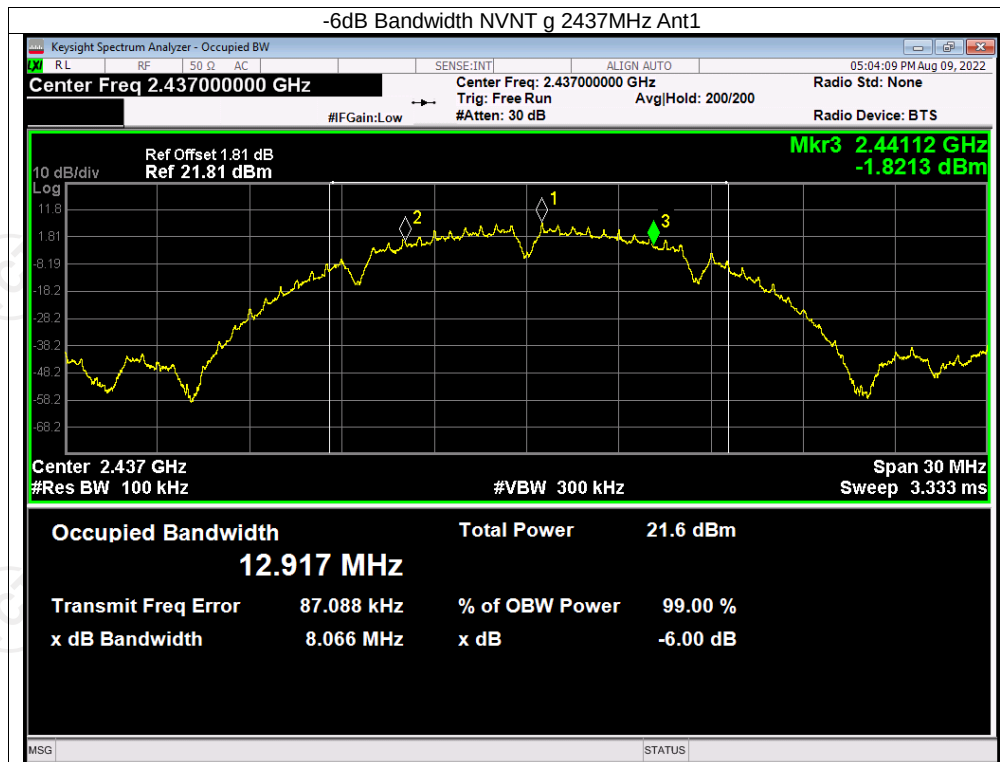


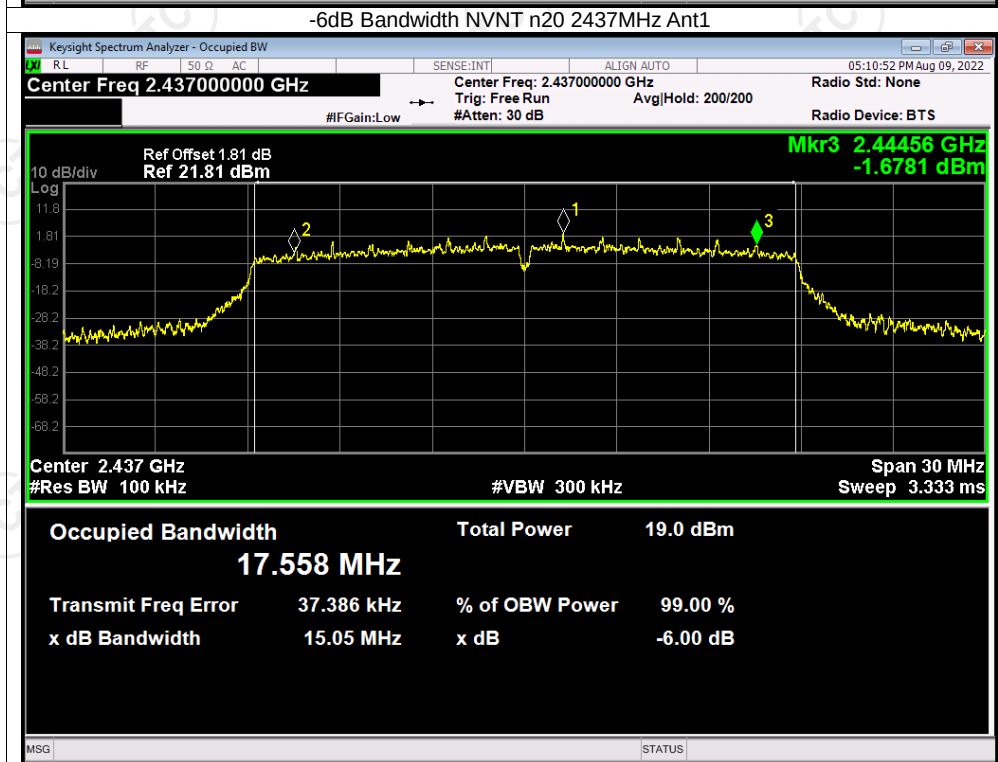
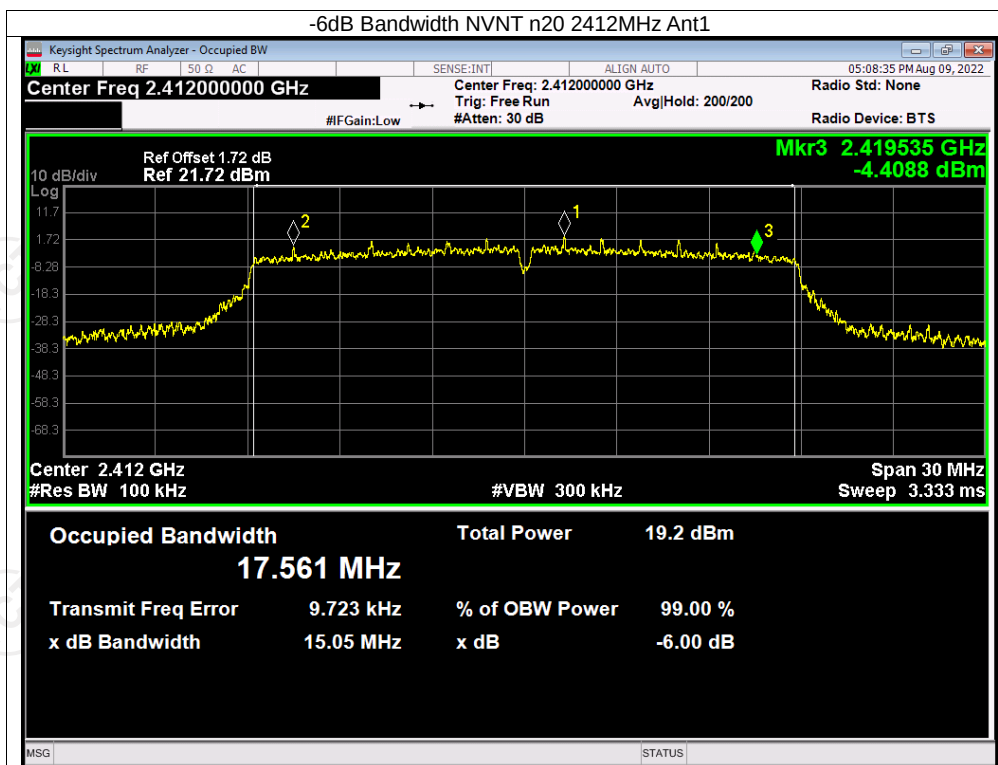
-6dB Bandwidth

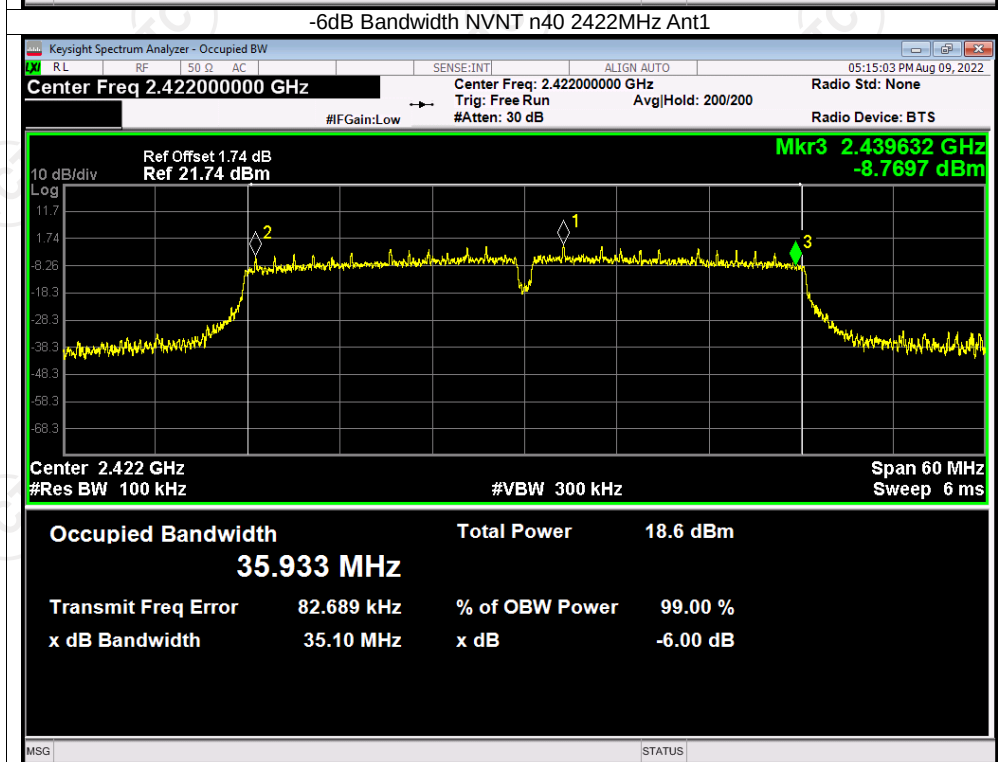
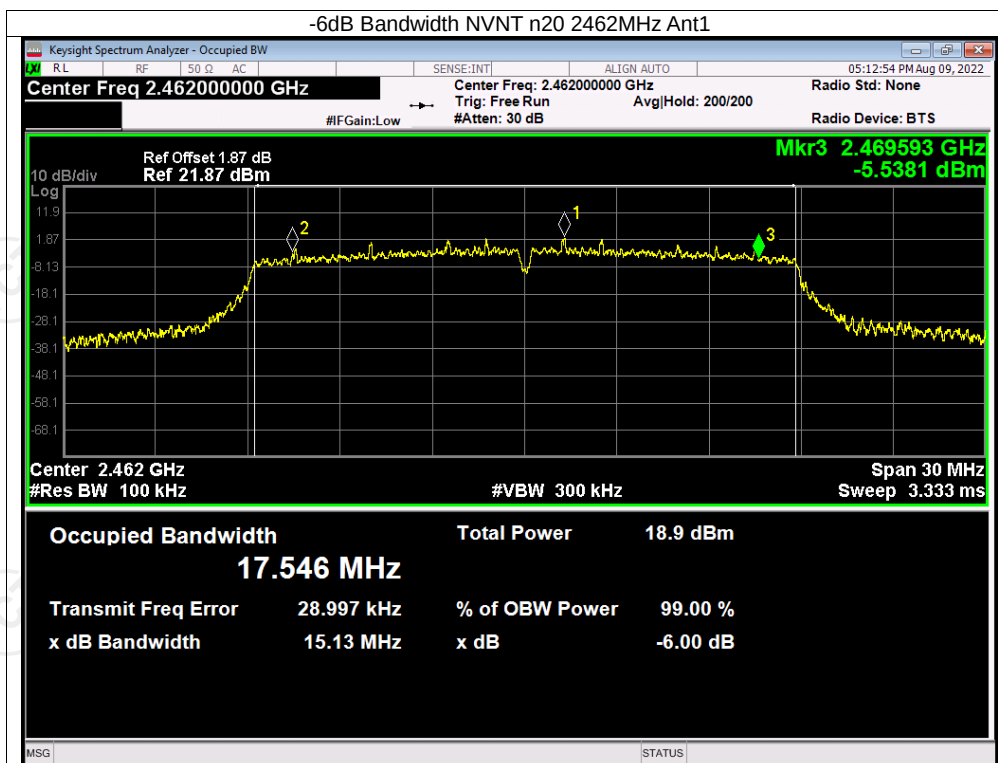
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.109	0.5	Pass
NVNT	b	2437	Ant1	8.550	0.5	Pass
NVNT	b	2462	Ant1	8.100	0.5	Pass
NVNT	g	2412	Ant1	8.060	0.5	Pass
NVNT	g	2437	Ant1	8.066	0.5	Pass
NVNT	g	2462	Ant1	8.061	0.5	Pass
NVNT	n20	2412	Ant1	15.051	0.5	Pass
NVNT	n20	2437	Ant1	15.046	0.5	Pass
NVNT	n20	2462	Ant1	15.129	0.5	Pass
NVNT	n40	2422	Ant1	35.099	0.5	Pass
NVNT	n40	2437	Ant1	35.247	0.5	Pass
NVNT	n40	2452	Ant1	35.060	0.5	Pass

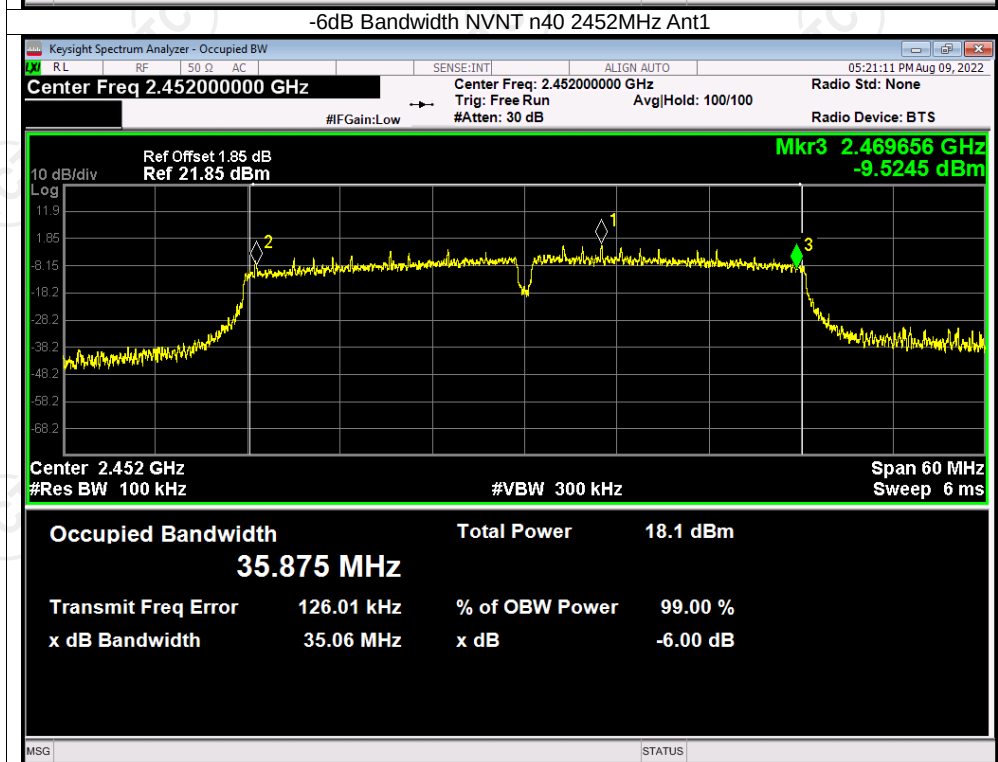
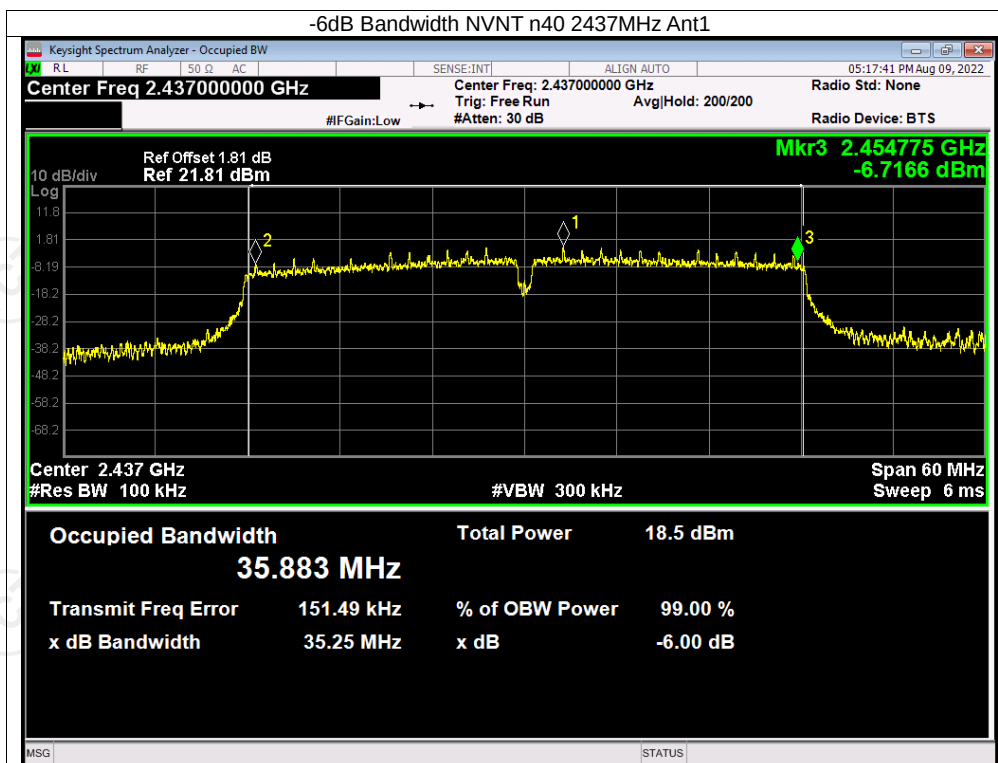








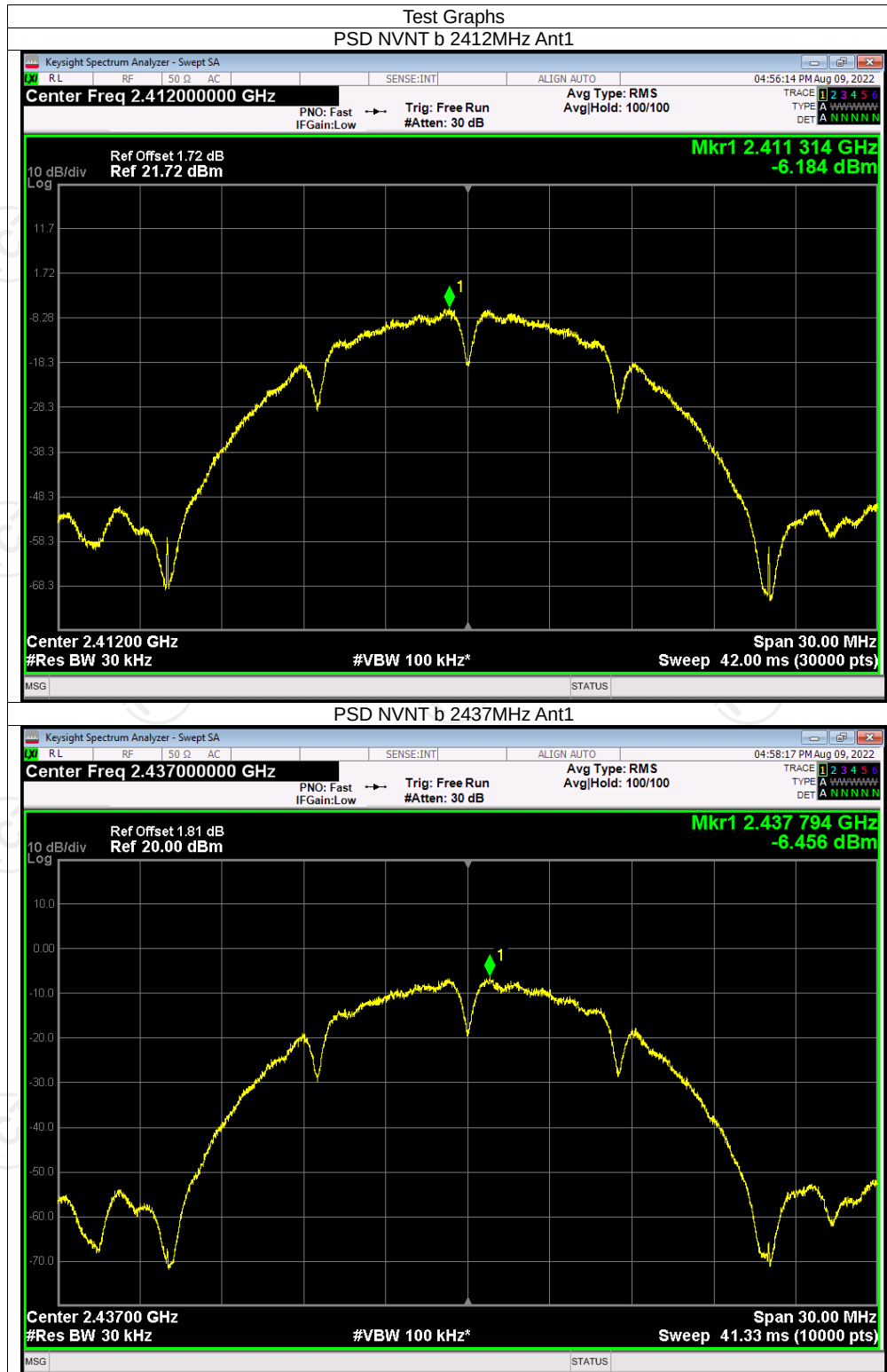


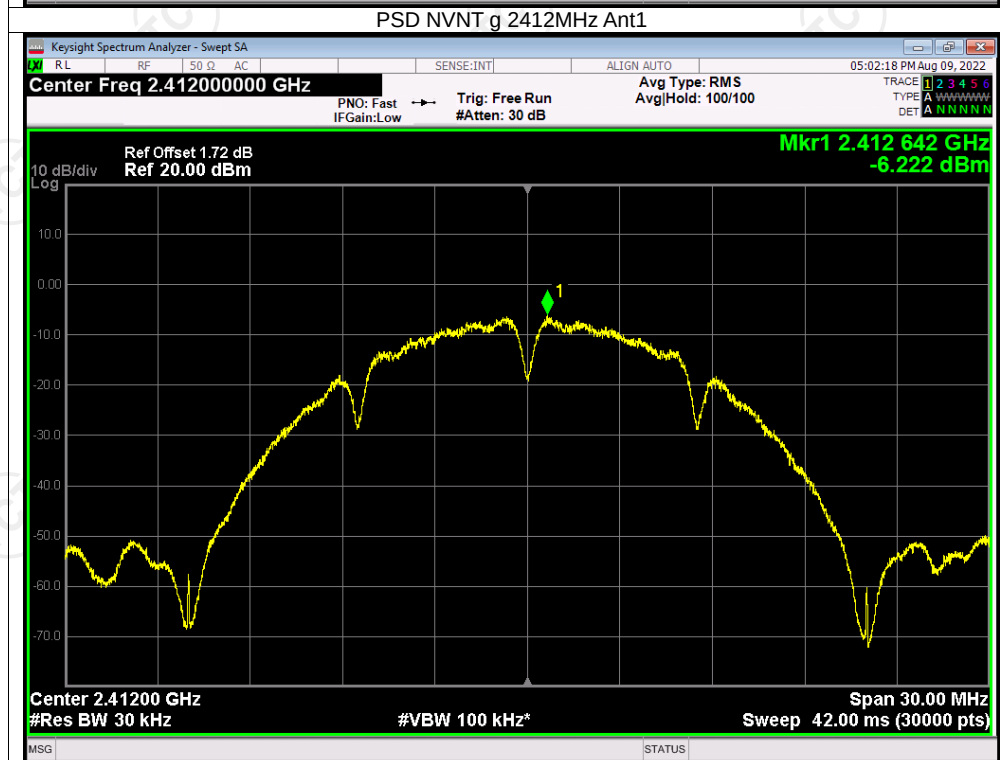
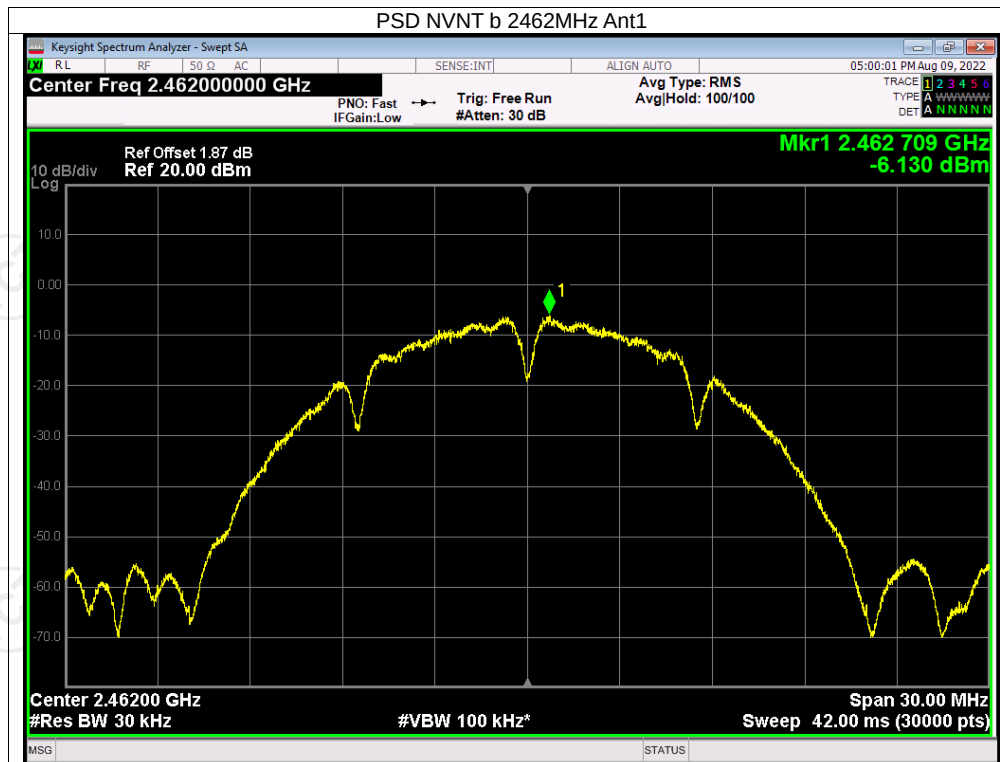


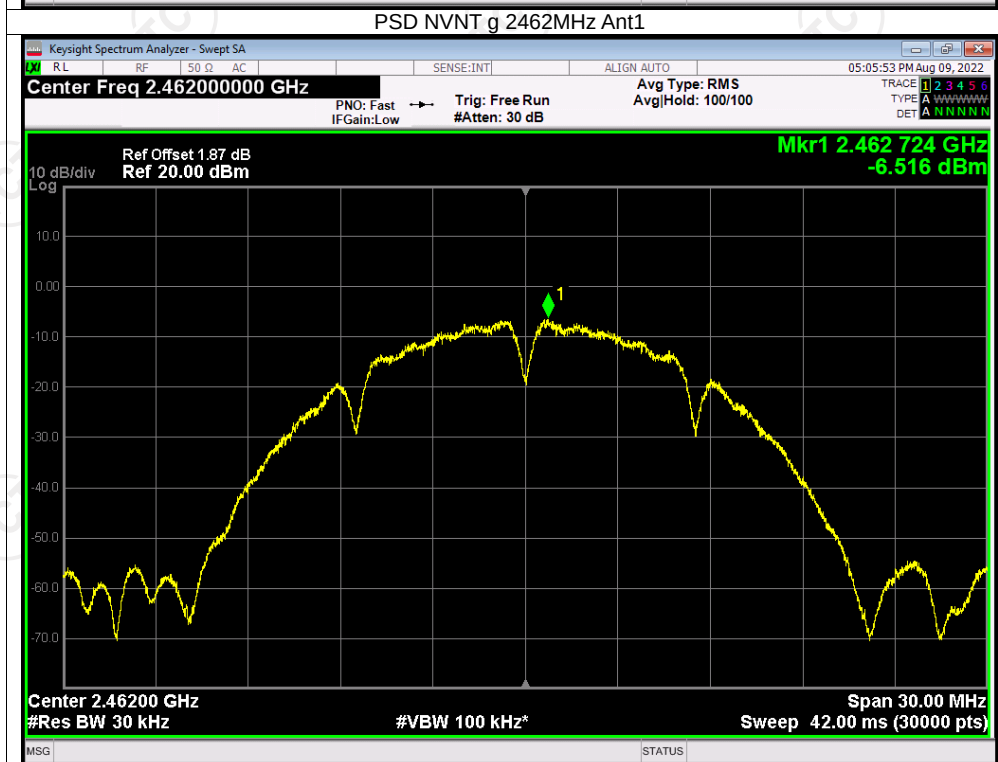
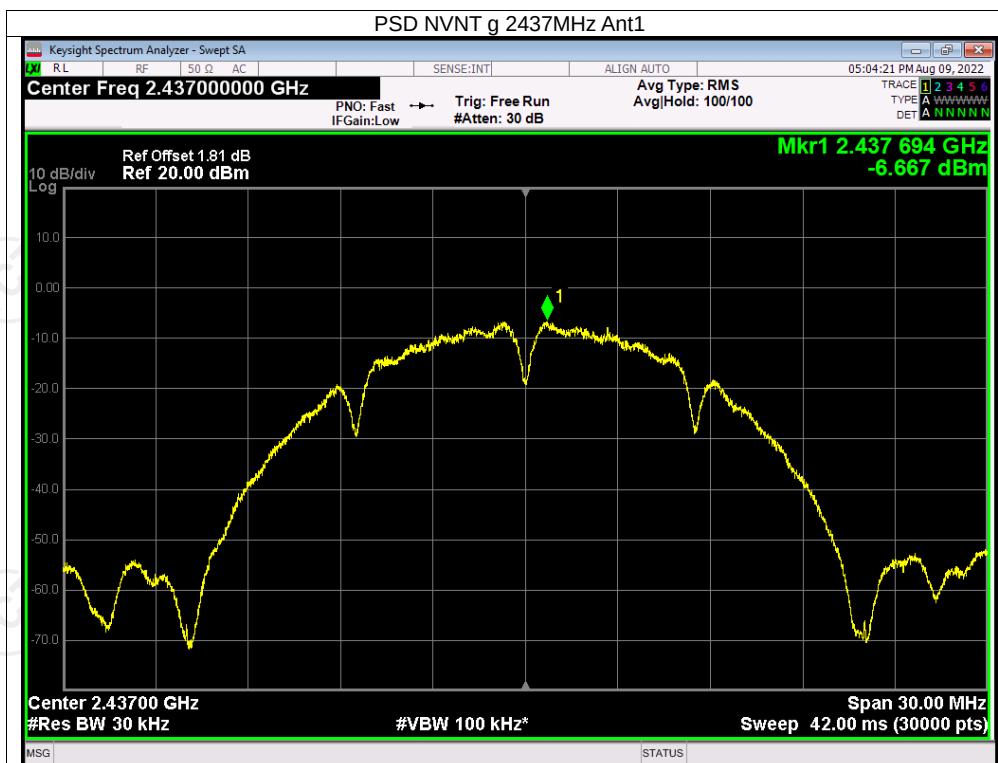
Maximum Power Spectral Density Level

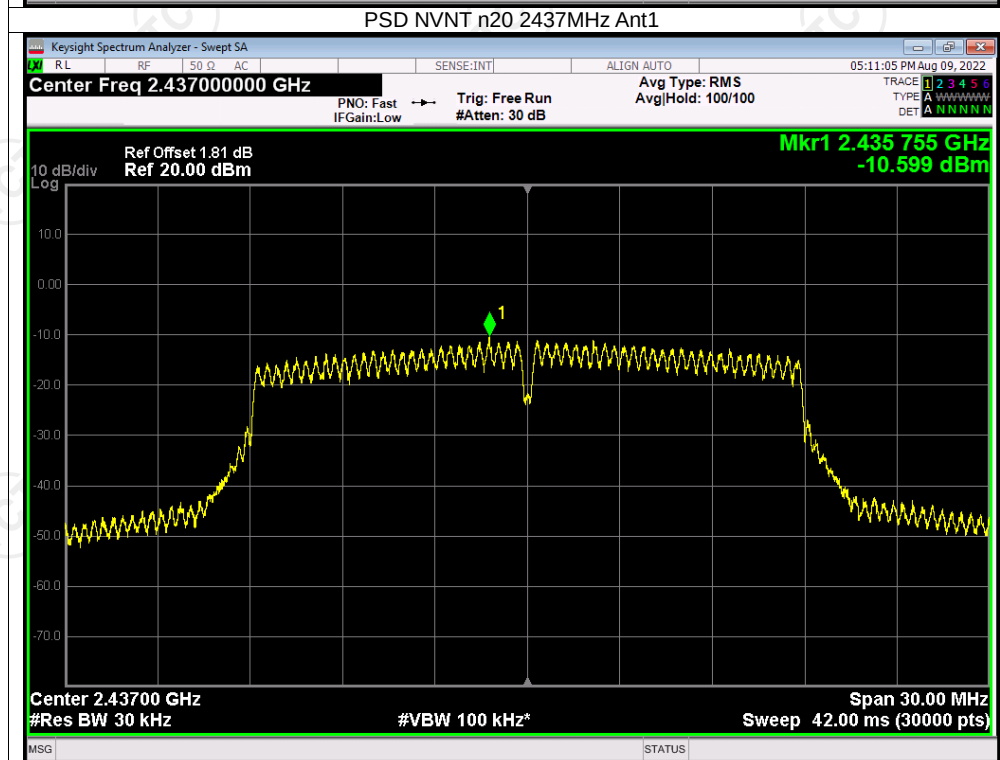
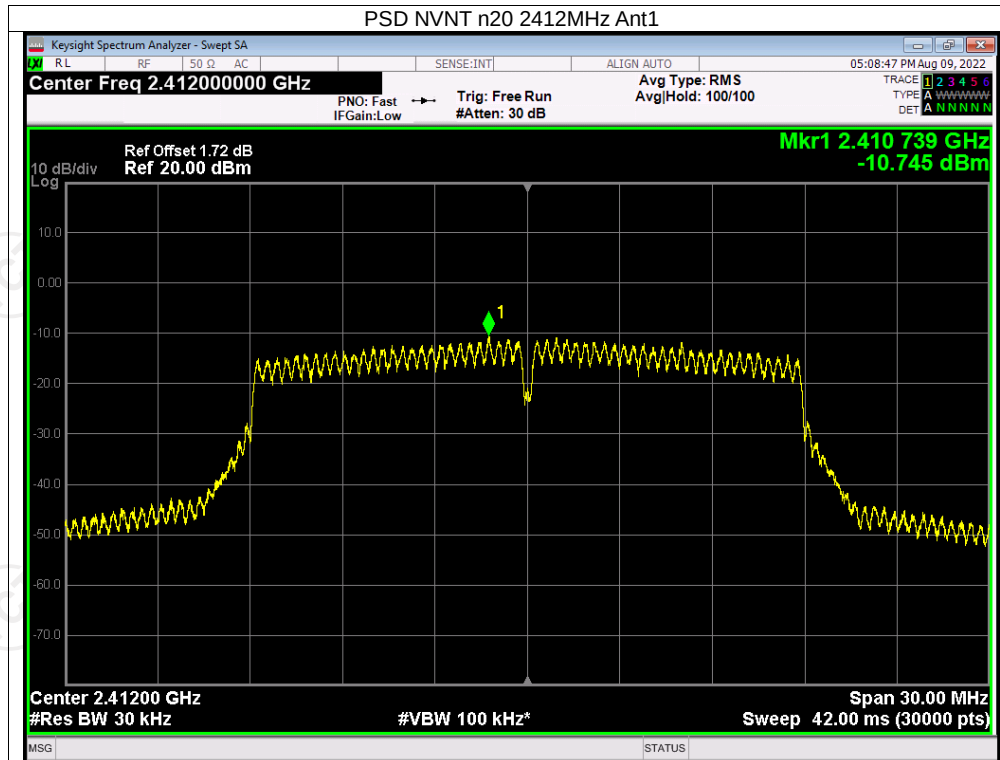
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/30kHz)	Duty Factor (dB)	Total PSD (dBm/30kHz)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-6.18	0	-6.18	-16.18	8	Pass
NVNT	b	2437	Ant1	-6.46	0	-6.46	-16.46	8	Pass
NVNT	b	2462	Ant1	-6.13	0	-6.13	-16.13	8	Pass
NVNT	g	2412	Ant1	-6.22	0	-6.22	-16.22	8	Pass
NVNT	g	2437	Ant1	-6.67	0	-6.67	-16.67	8	Pass
NVNT	g	2462	Ant1	-6.52	0	-6.52	-16.52	8	Pass
NVNT	n20	2412	Ant1	-10.75	0.11	-10.64	-20.64	8	Pass
NVNT	n20	2437	Ant1	-10.60	0.11	-10.49	-20.49	8	Pass
NVNT	n20	2462	Ant1	-11.13	0.11	-11.02	-21.02	8	Pass
NVNT	n40	2422	Ant1	-14.74	0.22	-14.52	-24.52	8	Pass
NVNT	n40	2437	Ant1	-14.71	0.21	-14.50	-24.50	8	Pass
NVNT	n40	2452	Ant1	-14.76	0.21	-14.55	-24.55	8	Pass

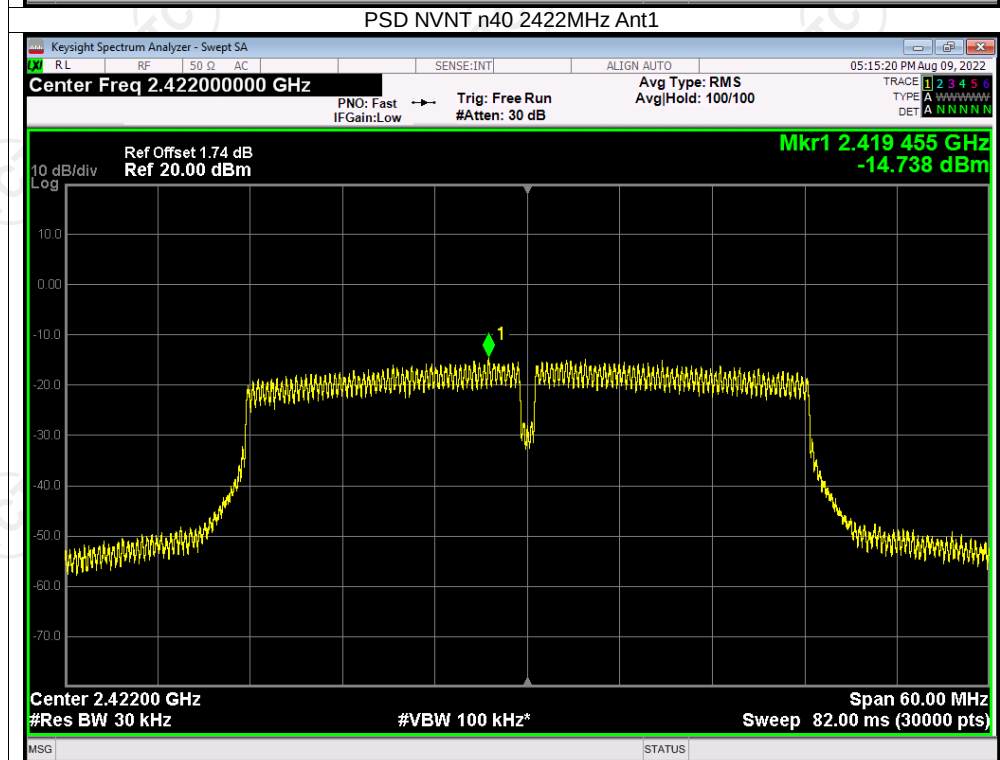
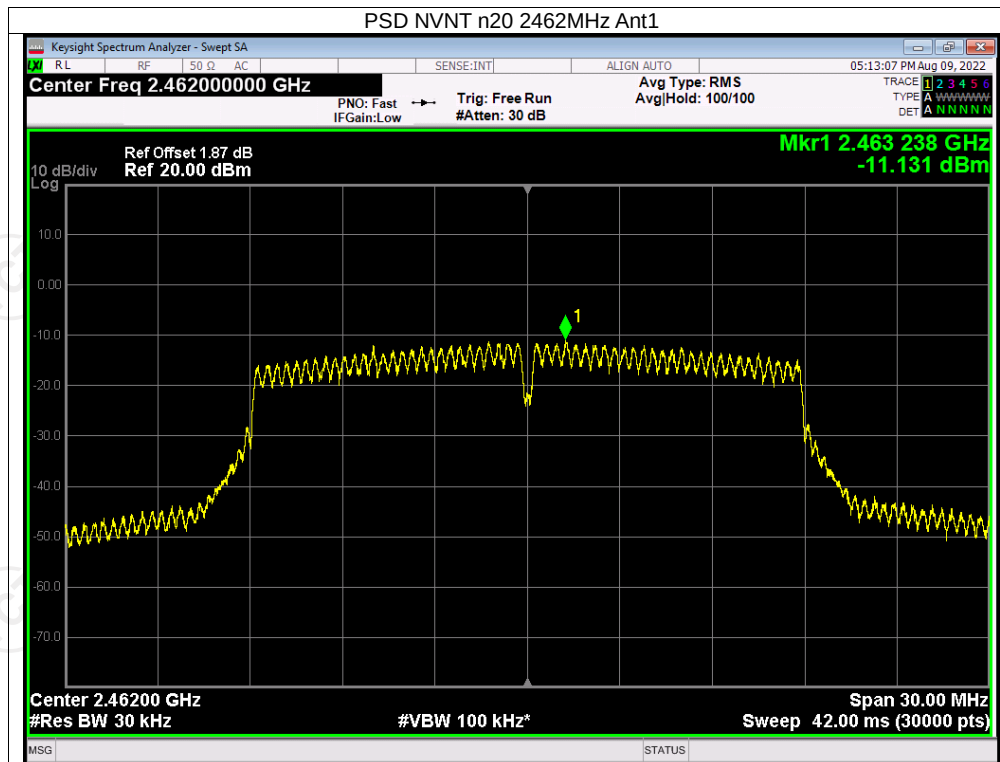
Note: Total PSD (dBm/3kHz) = Total PSD (dBm/30kHz) +10log(3kHz/30kHz)

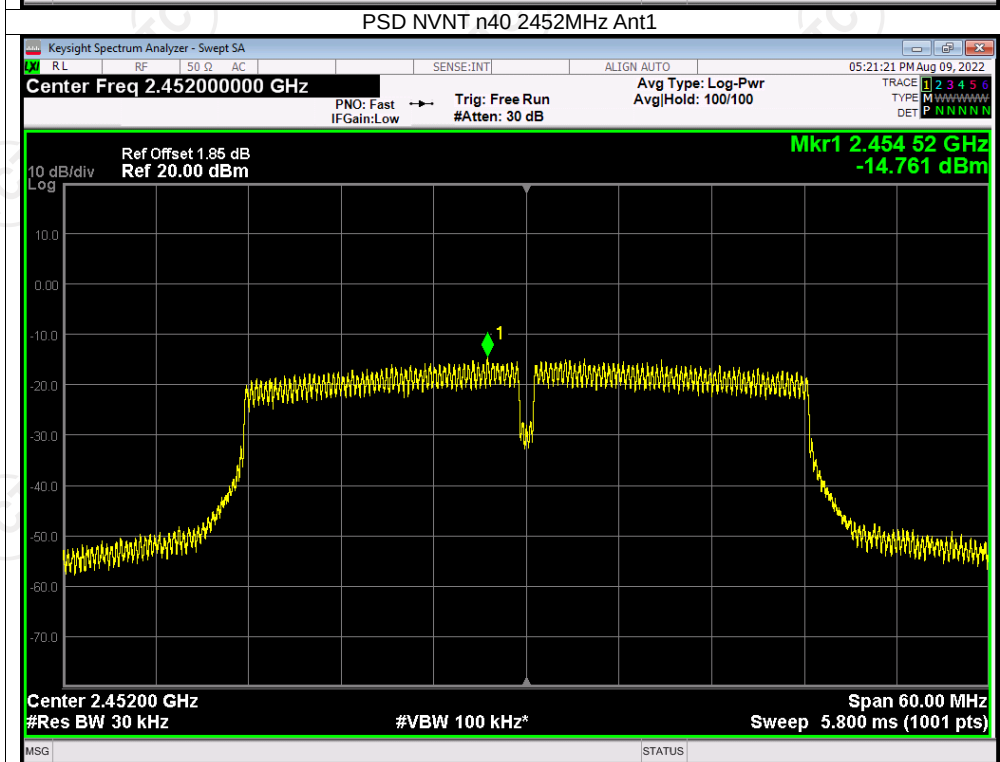
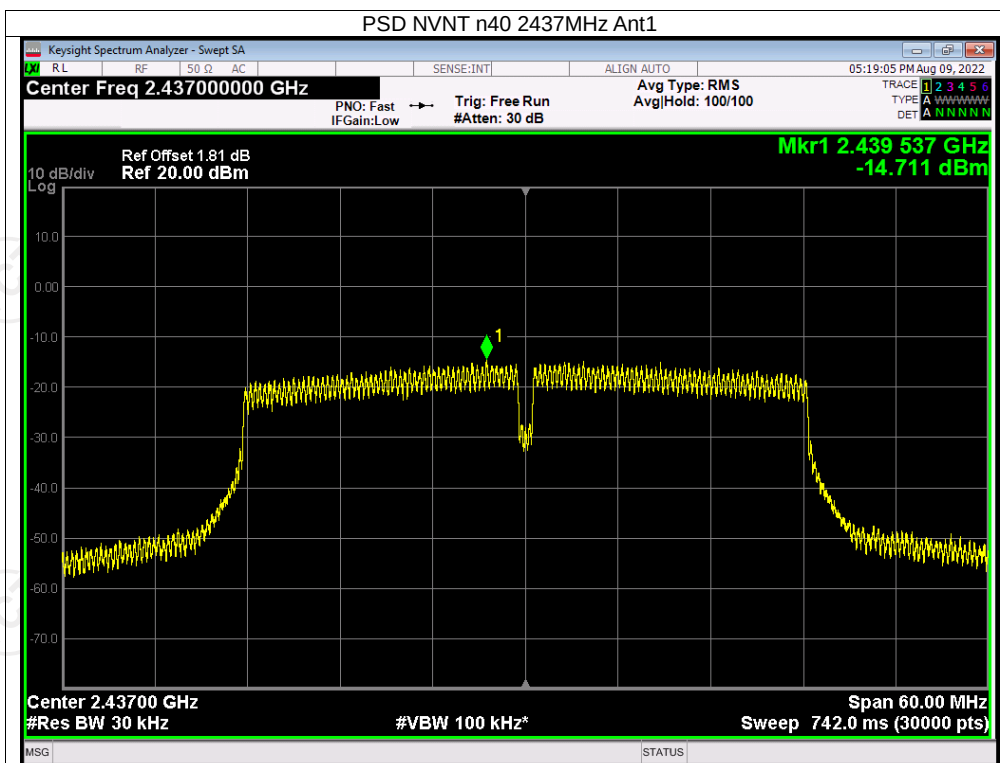






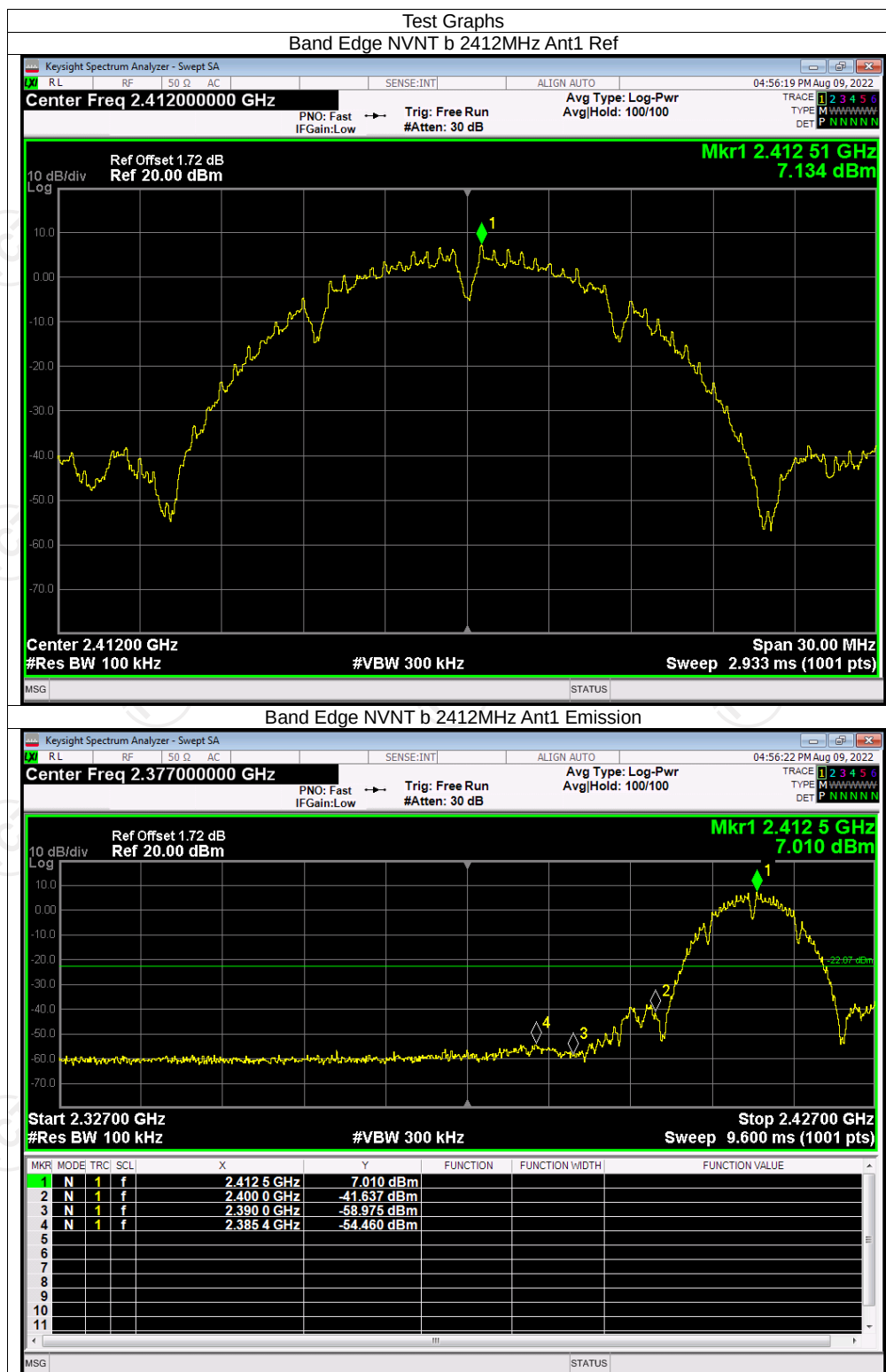


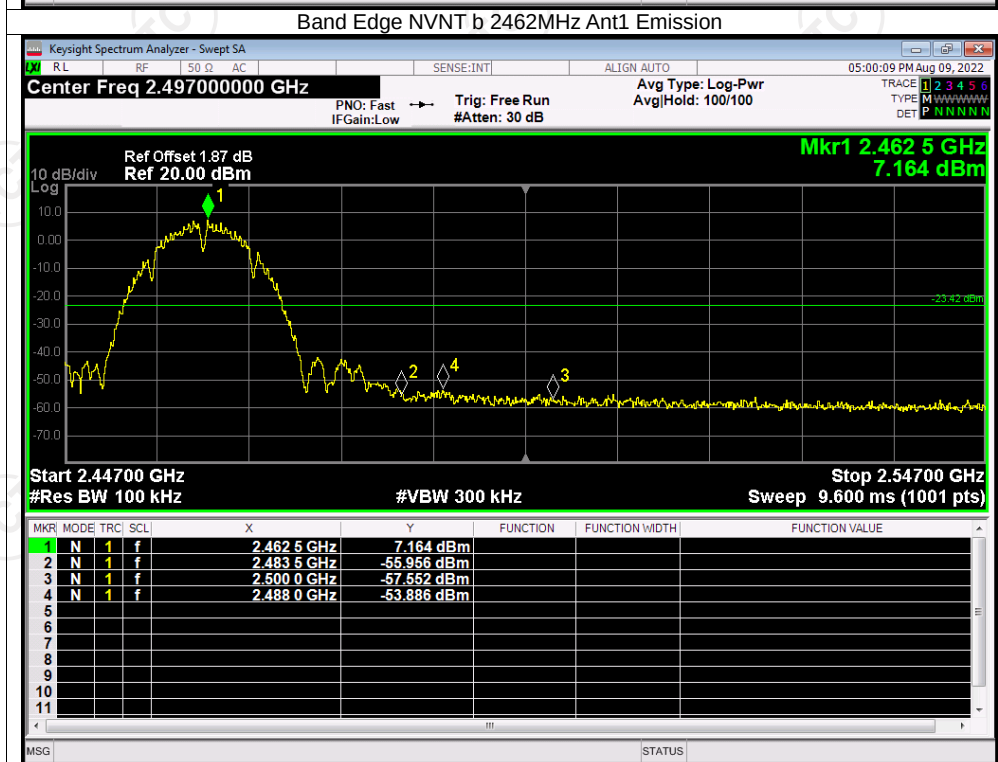
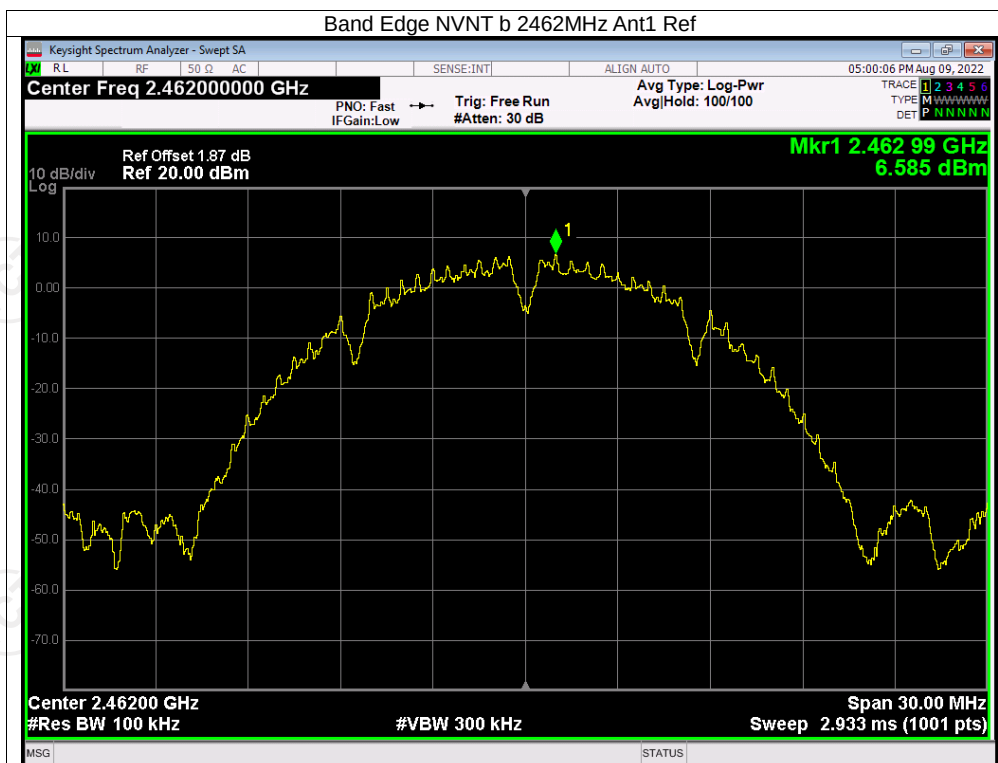


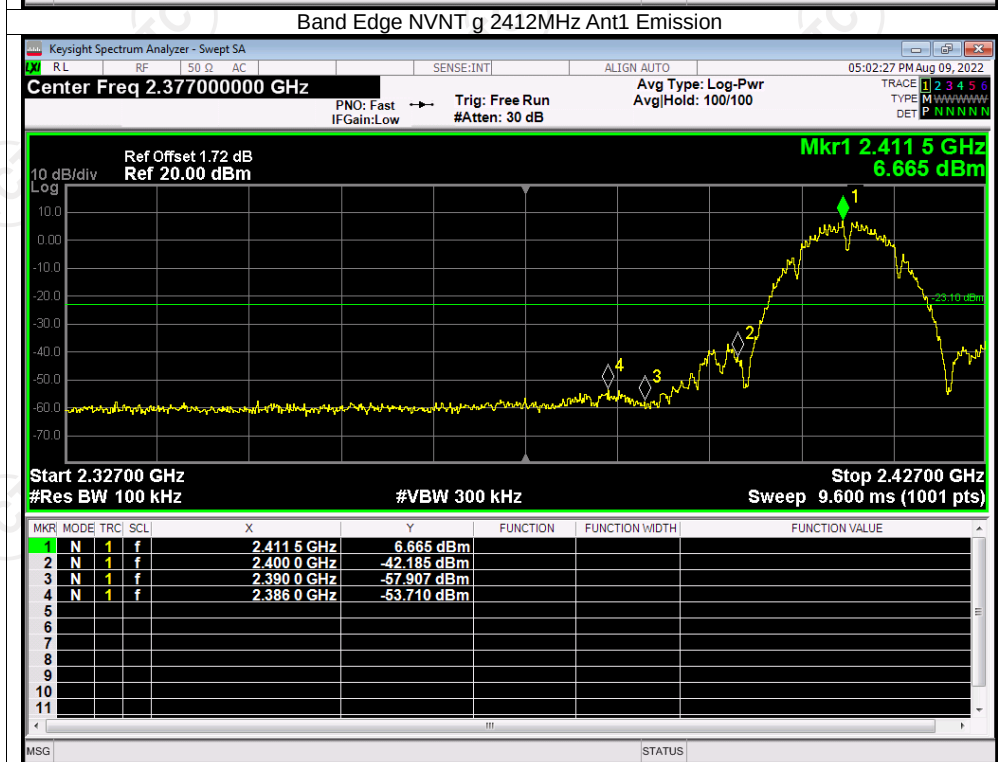
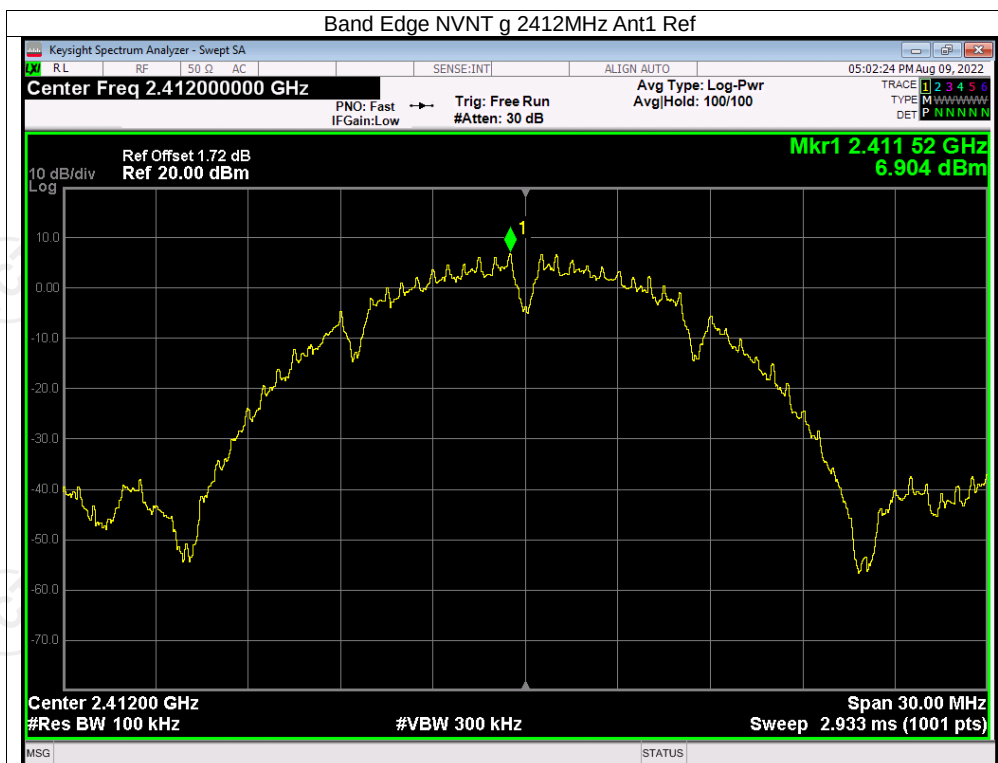


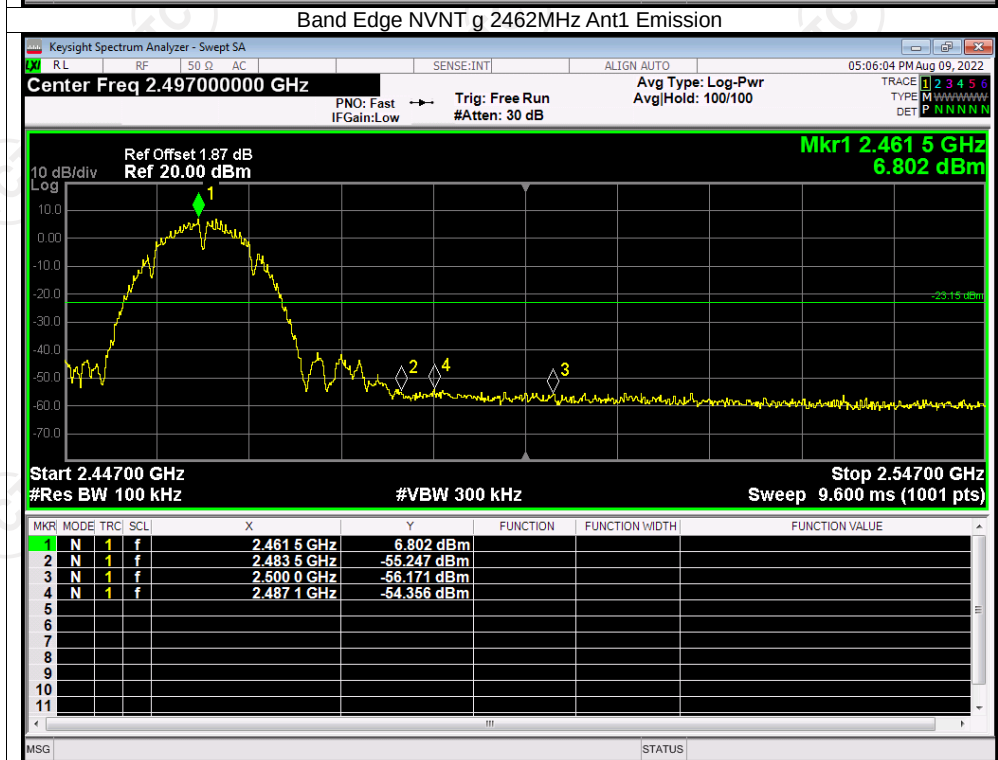
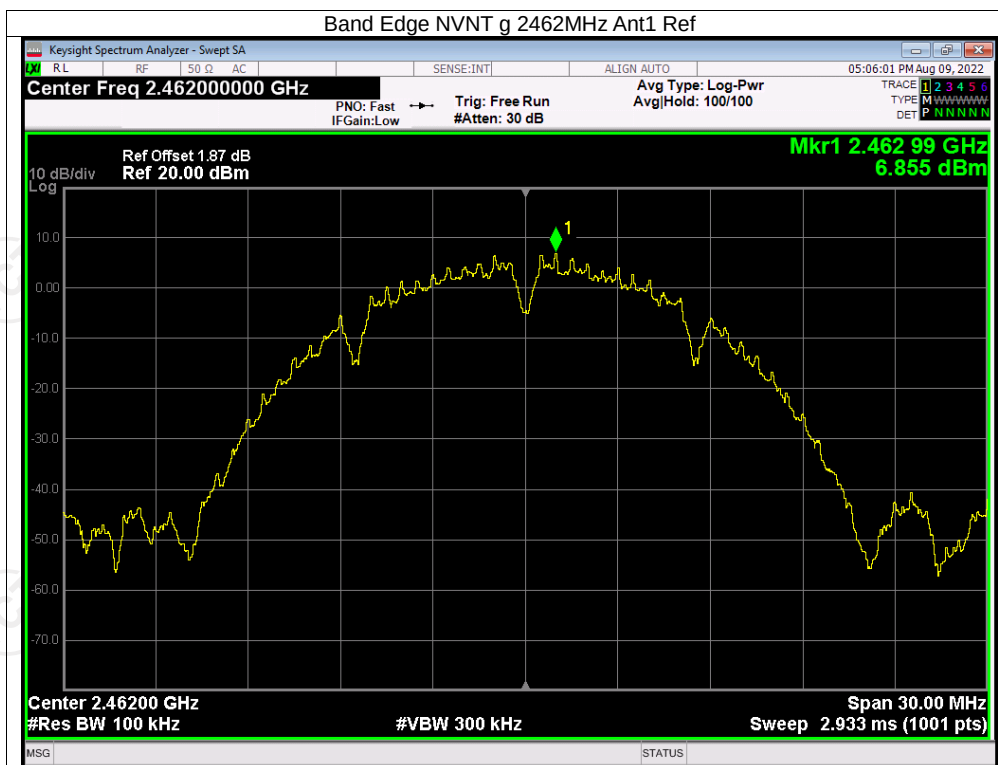
Band Edge

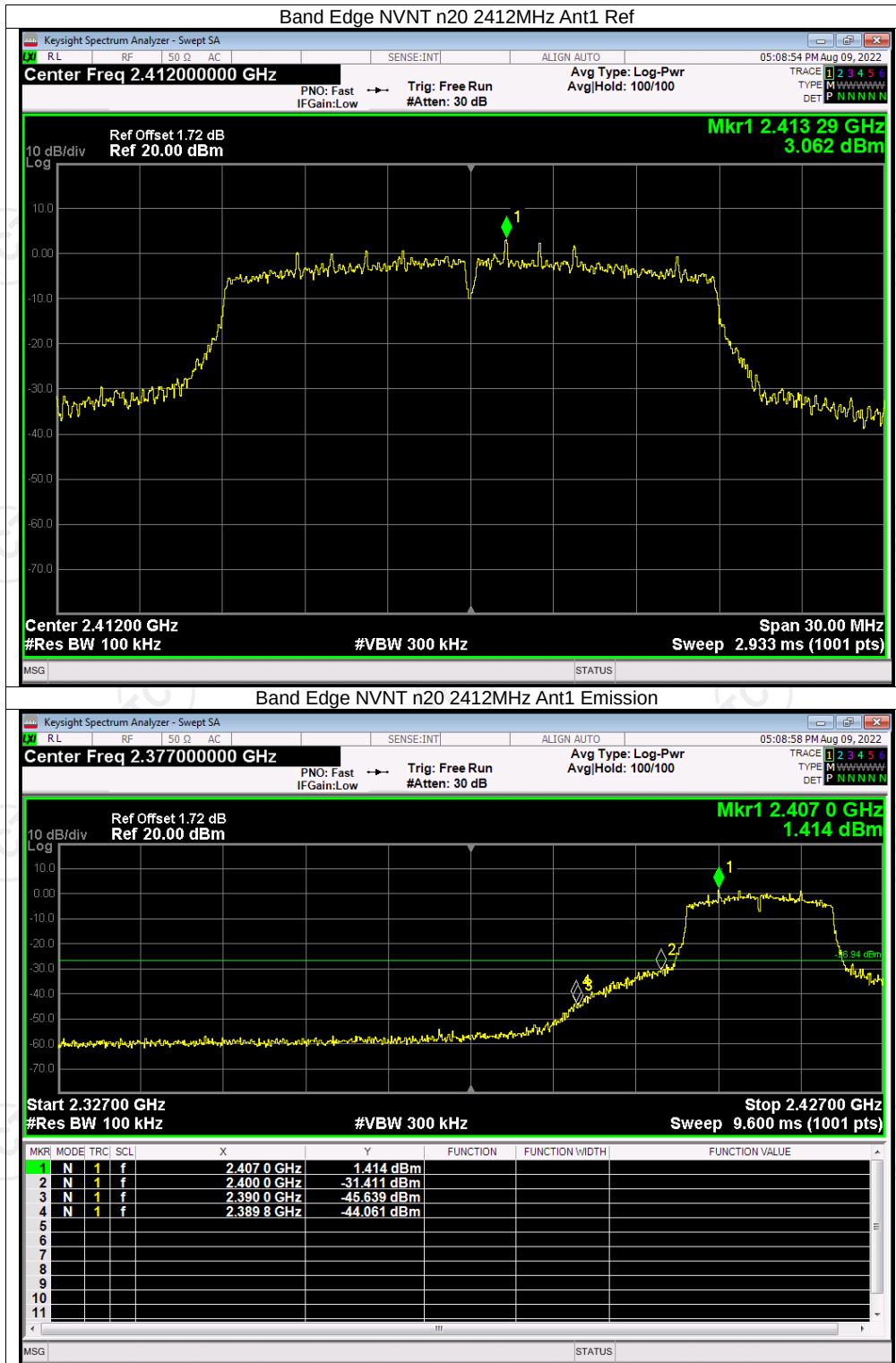
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-61.58	-30	Pass
NVNT	b	2462	Ant1	-60.47	-30	Pass
NVNT	g	2412	Ant1	-60.61	-30	Pass
NVNT	g	2462	Ant1	-61.21	-30	Pass
NVNT	n20	2412	Ant1	-47.12	-30	Pass
NVNT	n20	2462	Ant1	-42.40	-30	Pass
NVNT	n40	2422	Ant1	-35.56	-30	Pass
NVNT	n40	2452	Ant1	-31.92	-30	Pass

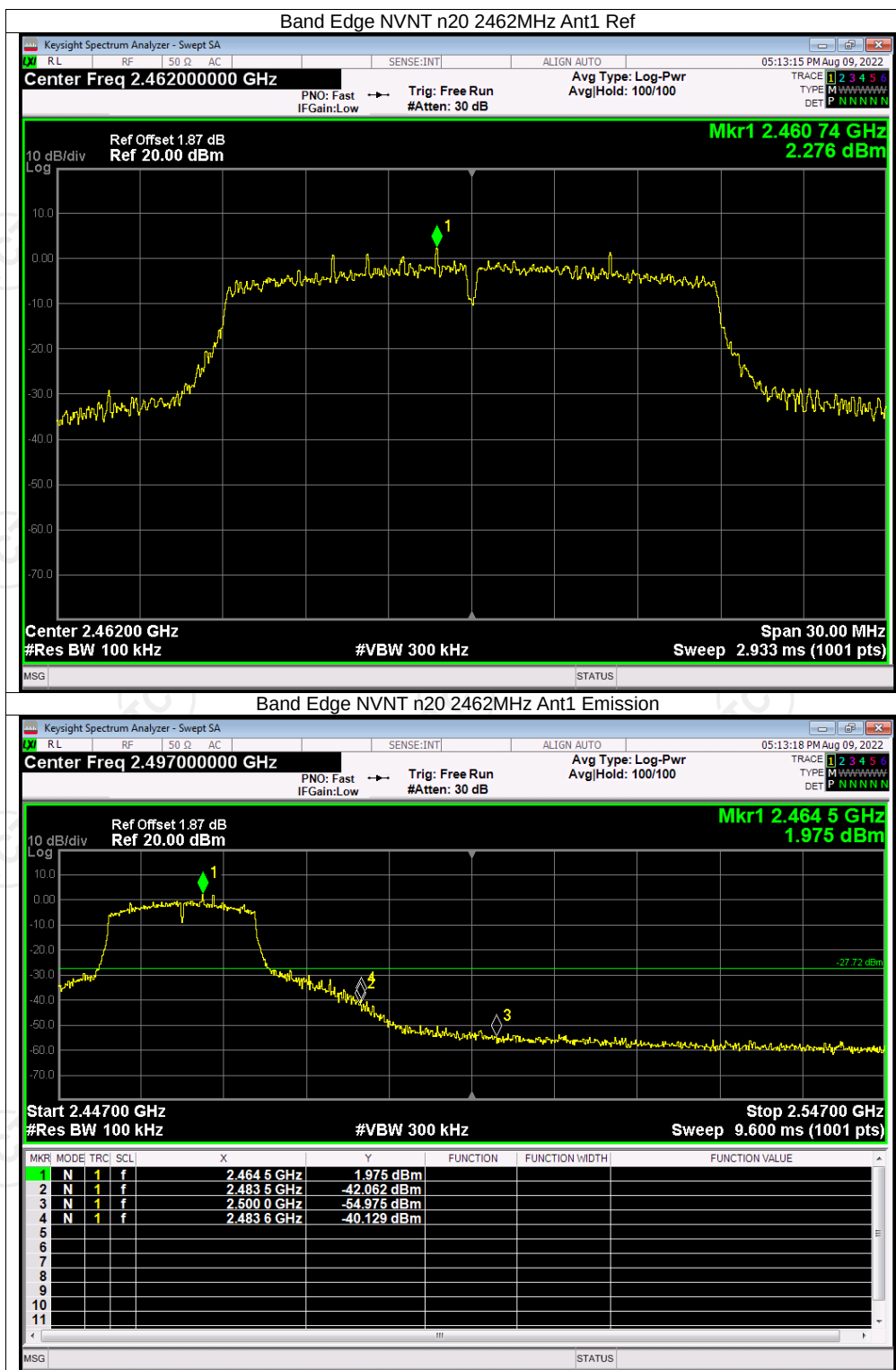


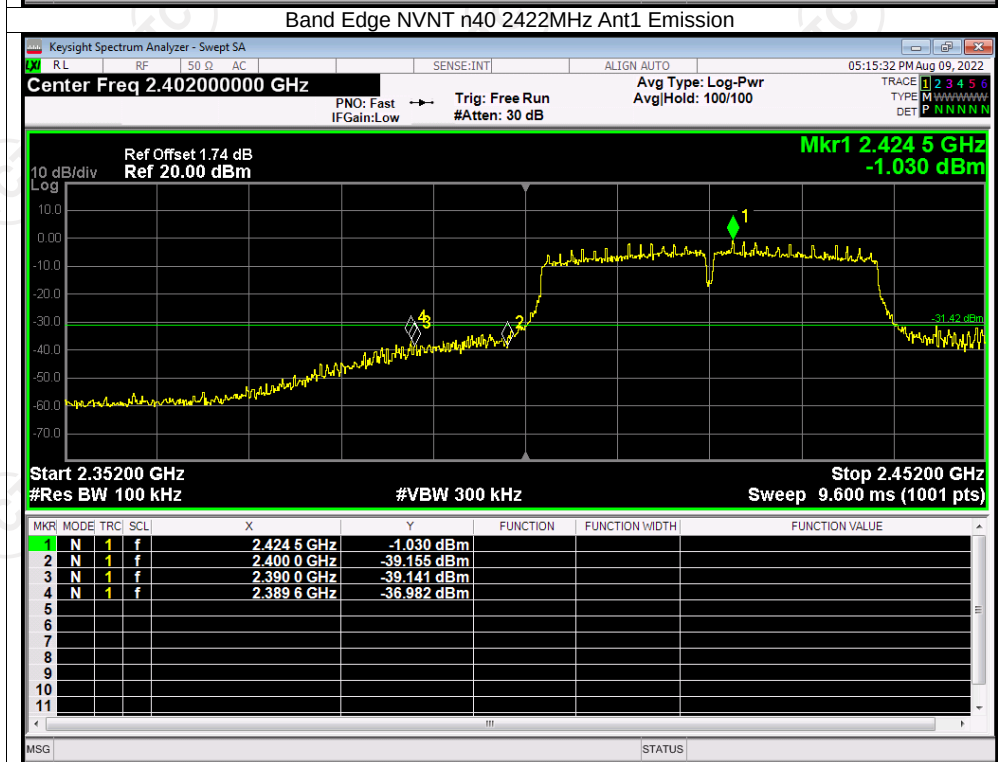
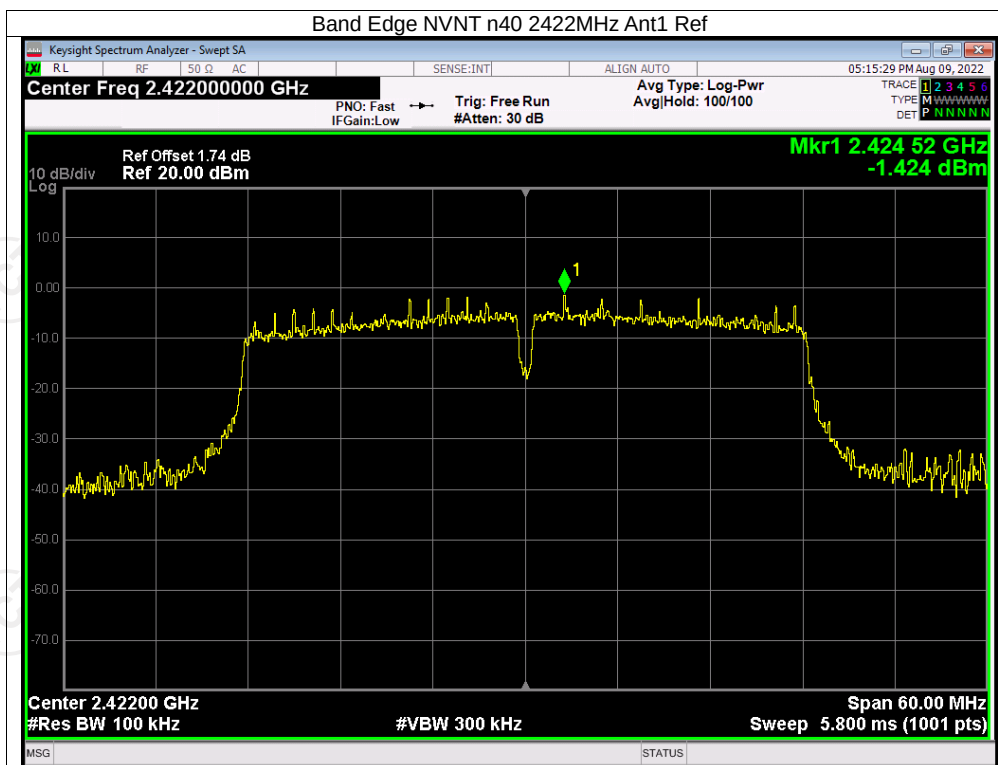


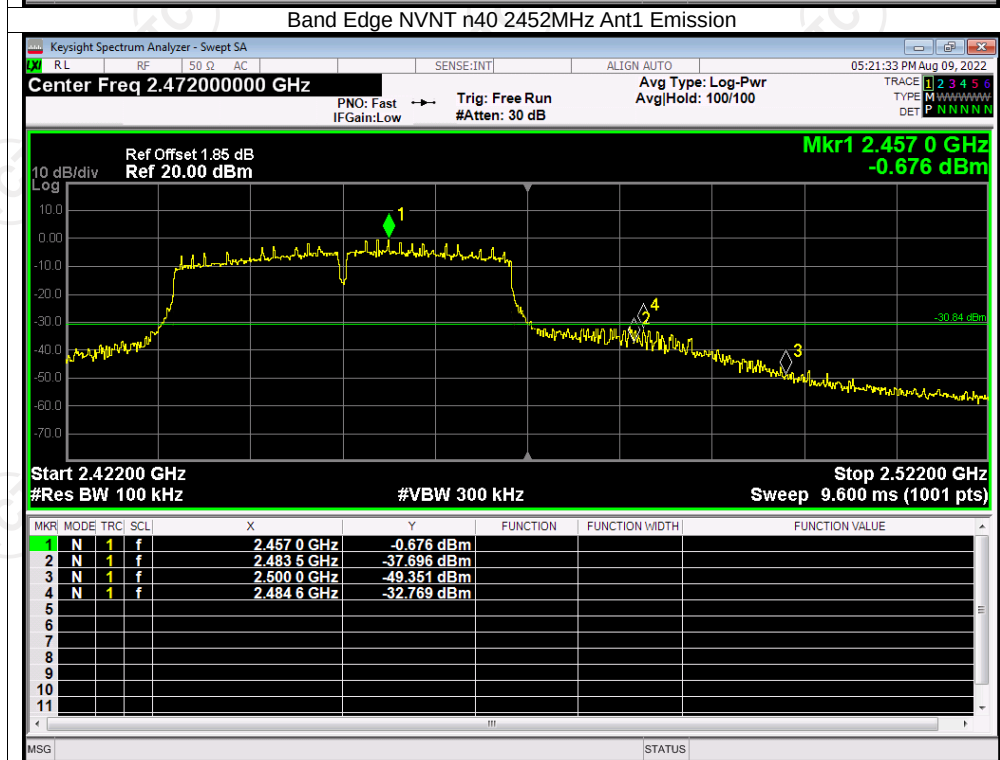
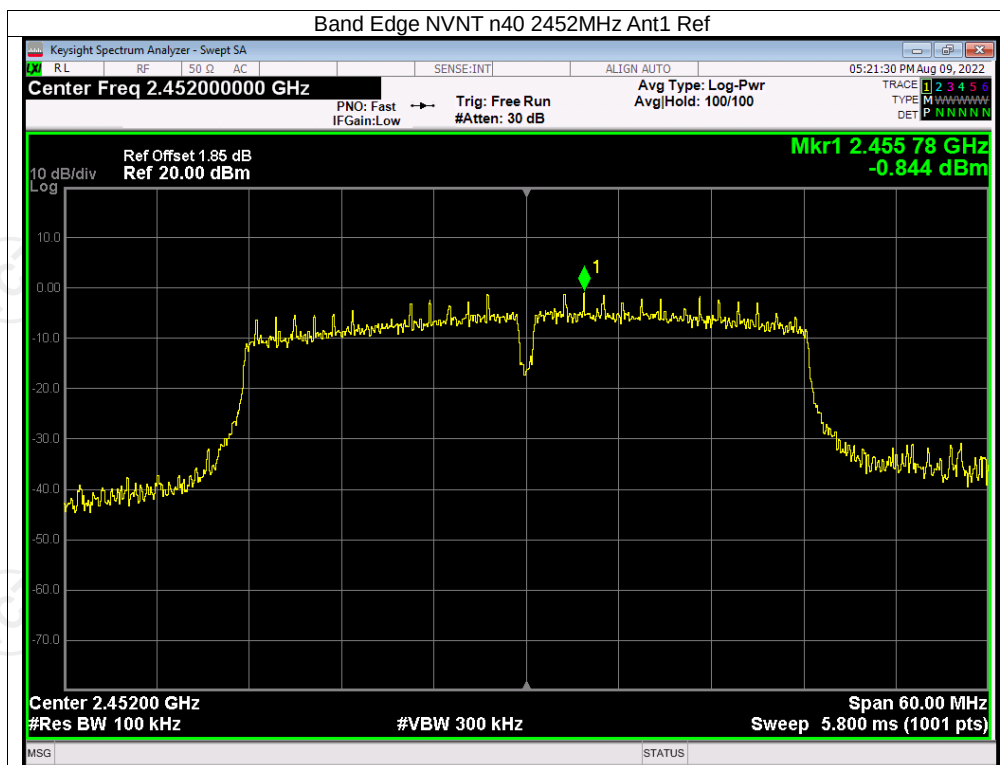






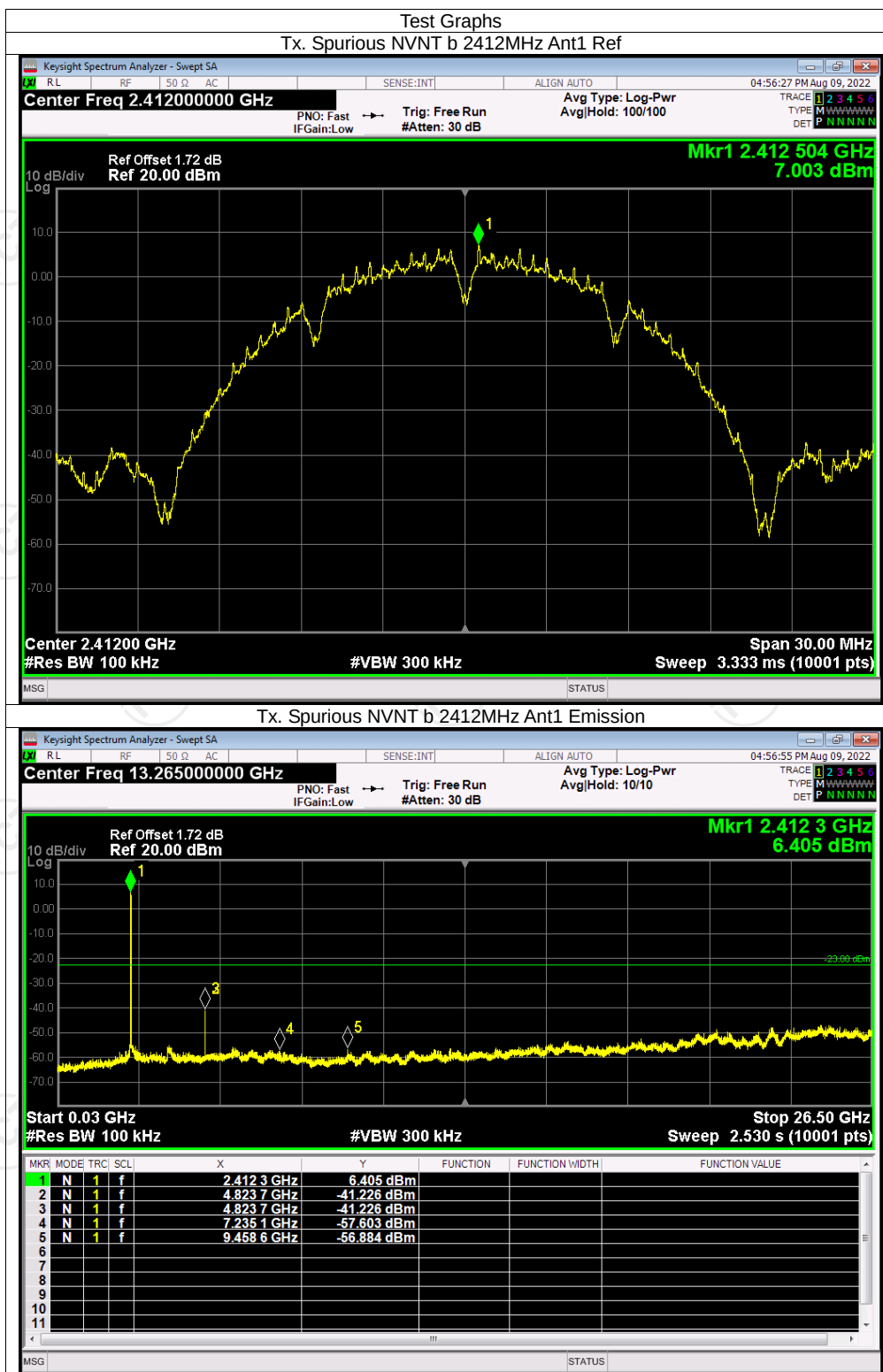


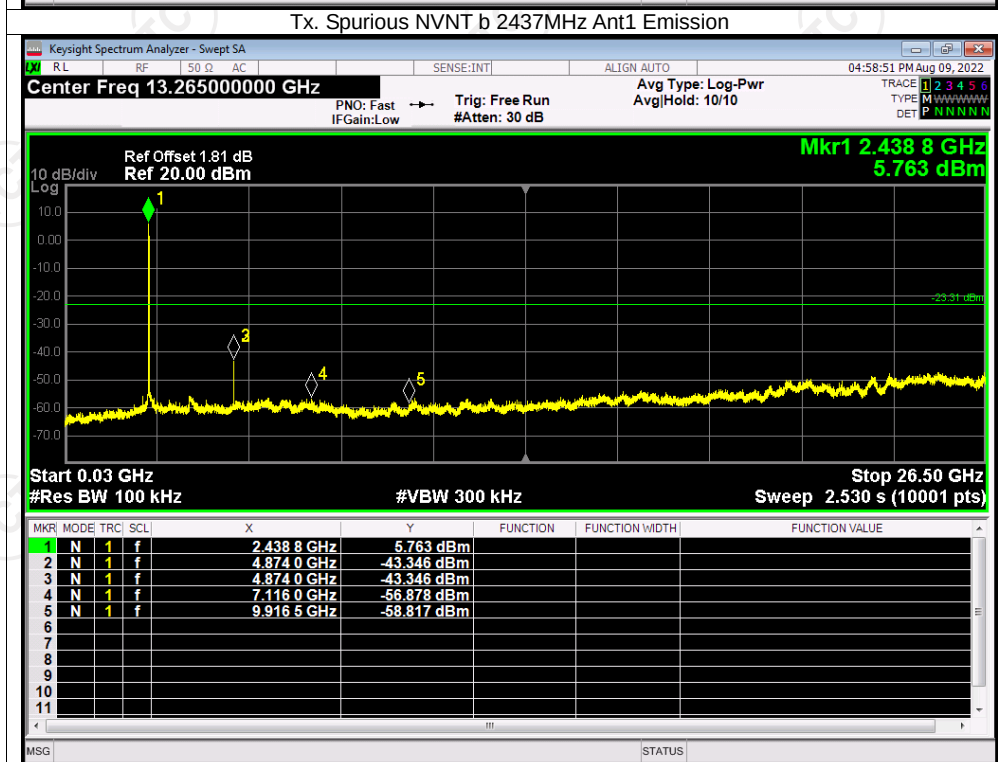
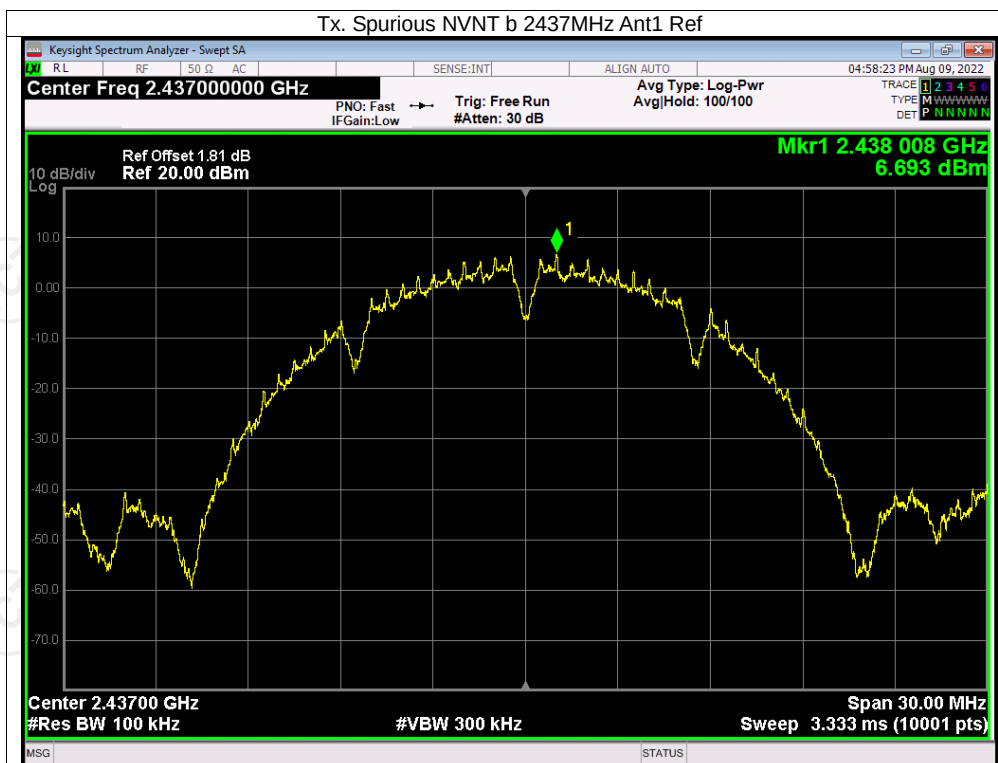


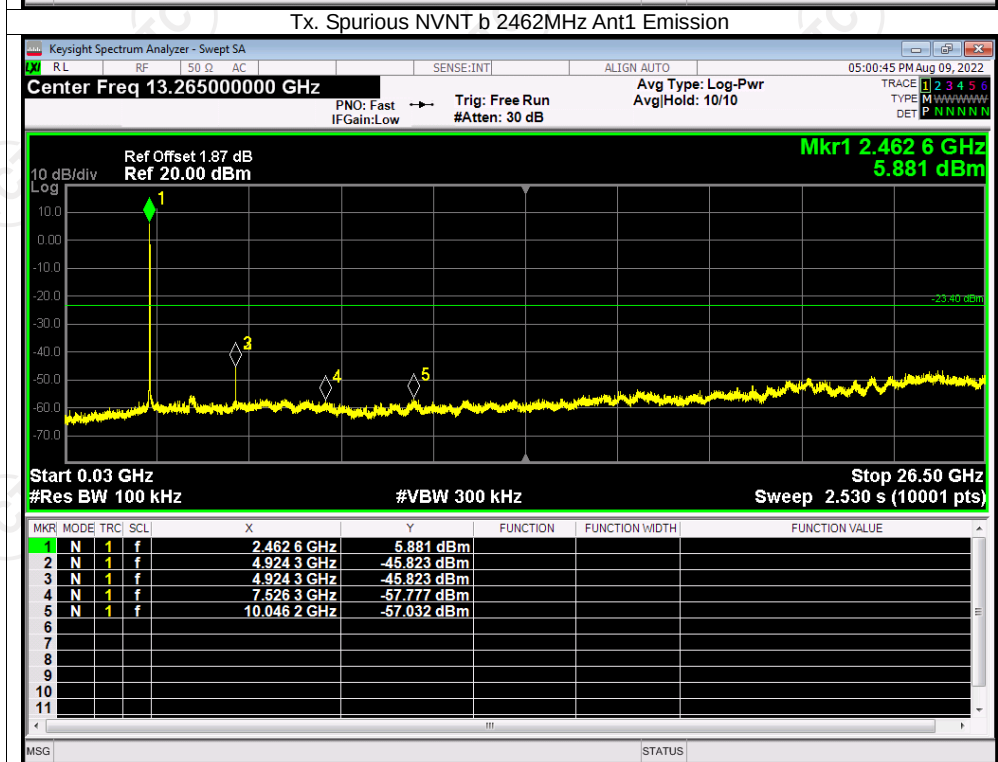
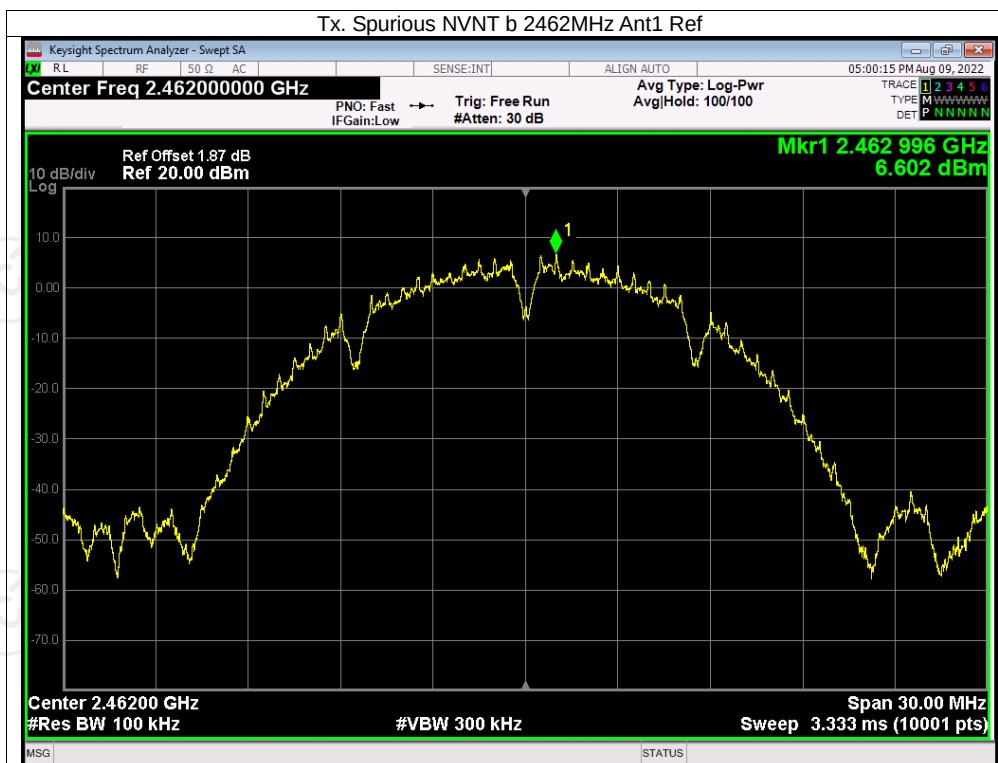


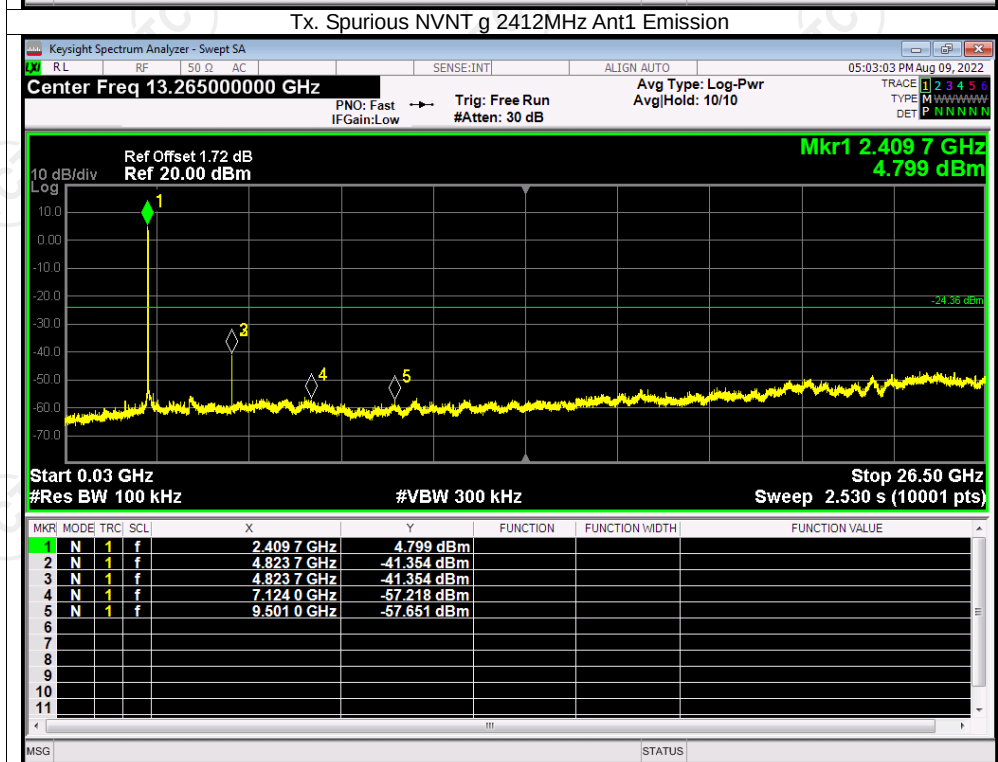
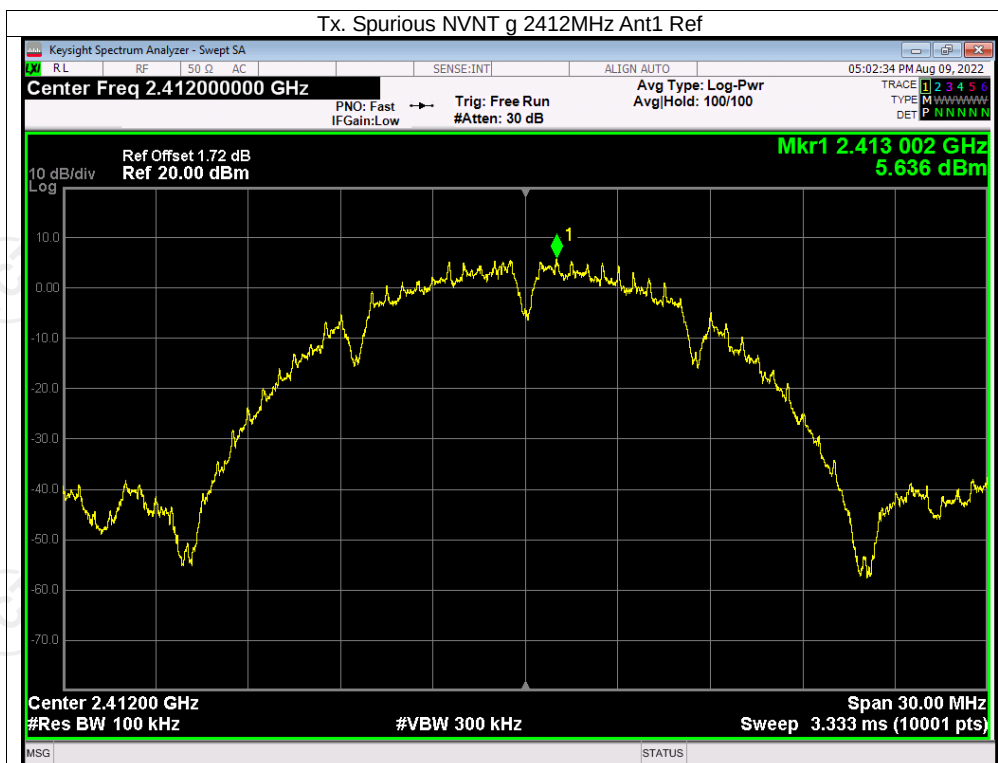
Conducted RF Spurious Emission

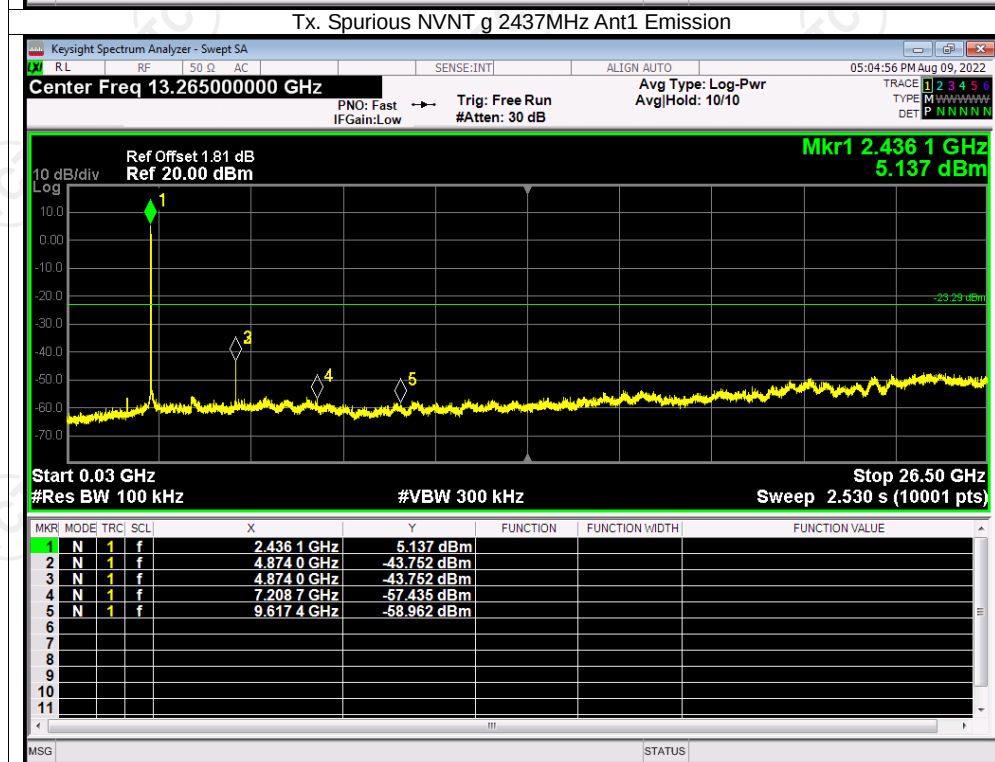
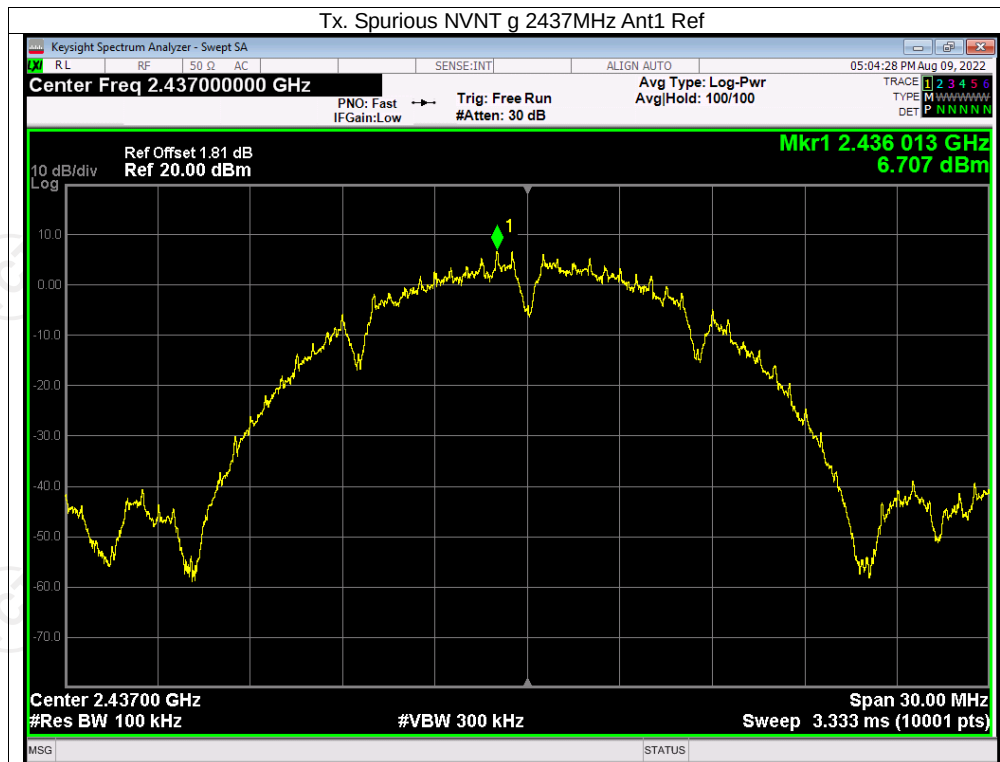
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.22	-30	Pass
NVNT	b	2437	Ant1	-50.03	-30	Pass
NVNT	b	2462	Ant1	-52.42	-30	Pass
NVNT	g	2412	Ant1	-46.99	-30	Pass
NVNT	g	2437	Ant1	-50.46	-30	Pass
NVNT	g	2462	Ant1	-52.70	-30	Pass
NVNT	n20	2412	Ant1	-49.53	-30	Pass
NVNT	n20	2437	Ant1	-49.44	-30	Pass
NVNT	n20	2462	Ant1	-49.98	-30	Pass
NVNT	n40	2422	Ant1	-45.75	-30	Pass
NVNT	n40	2437	Ant1	-46.06	-30	Pass
NVNT	n40	2452	Ant1	-45.83	-30	Pass

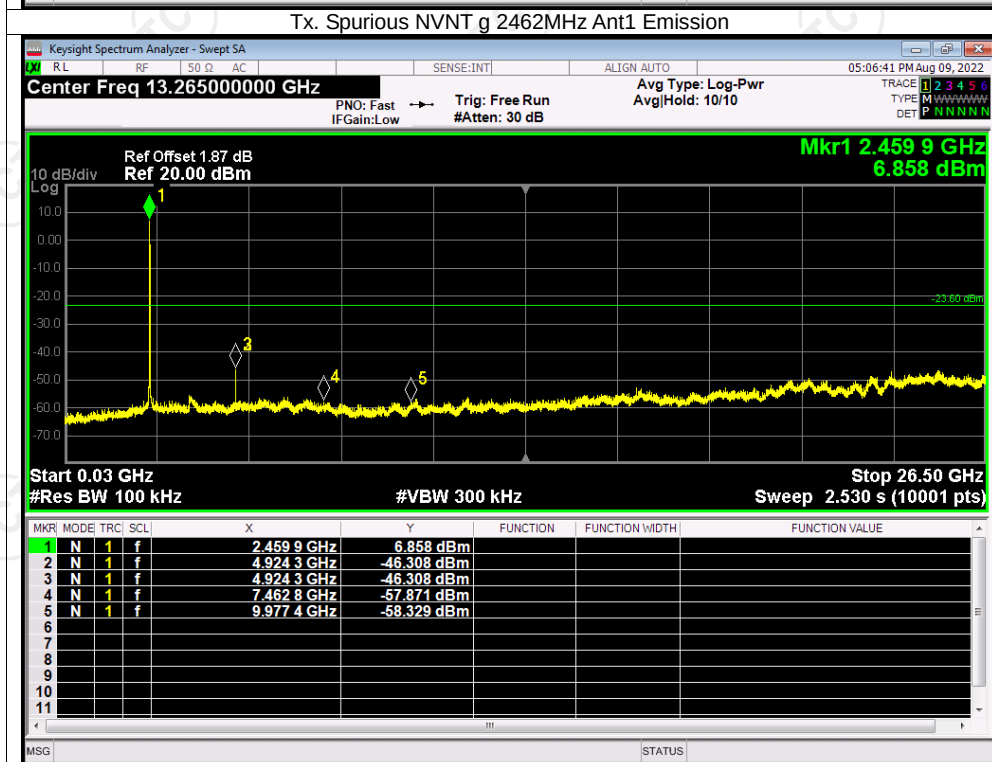
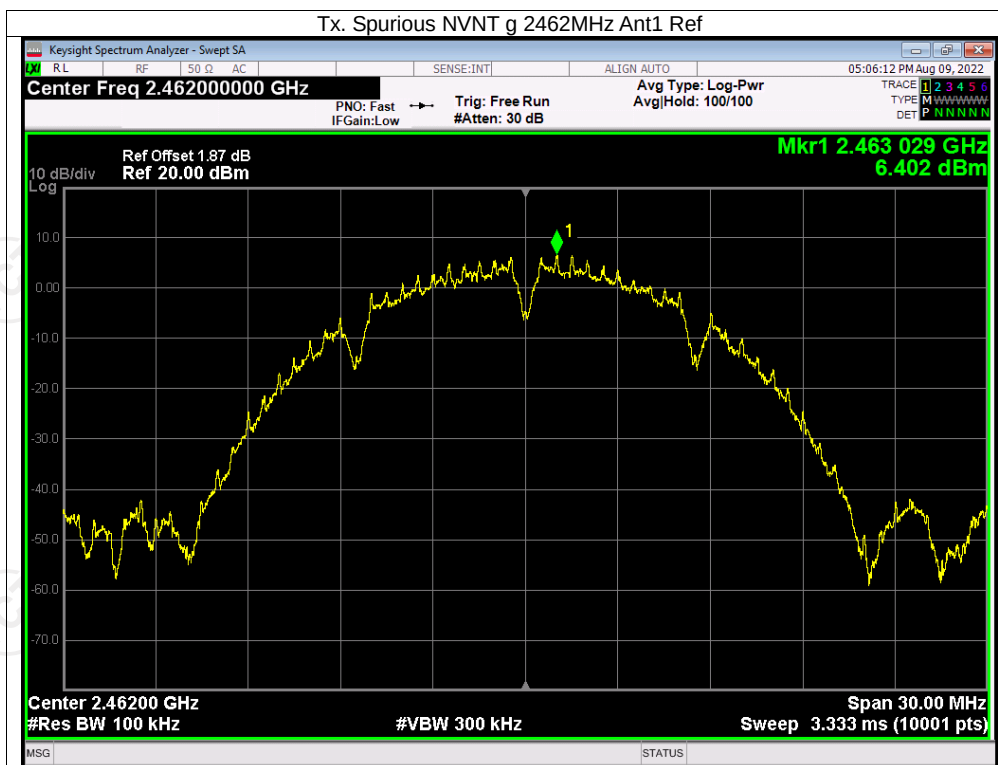


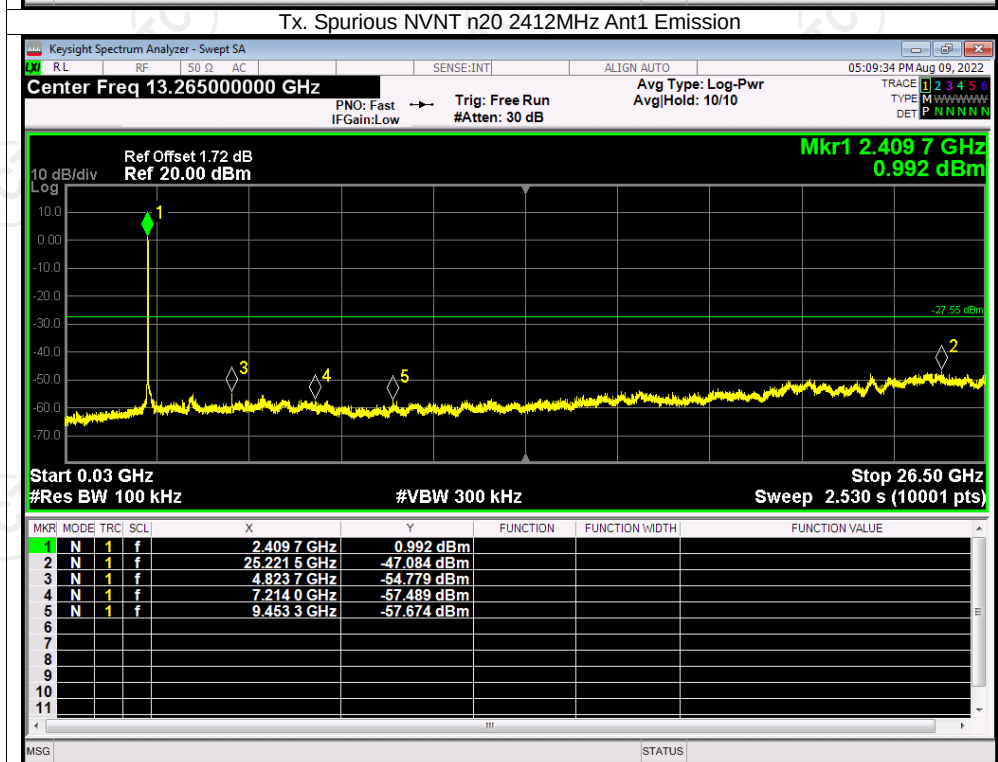
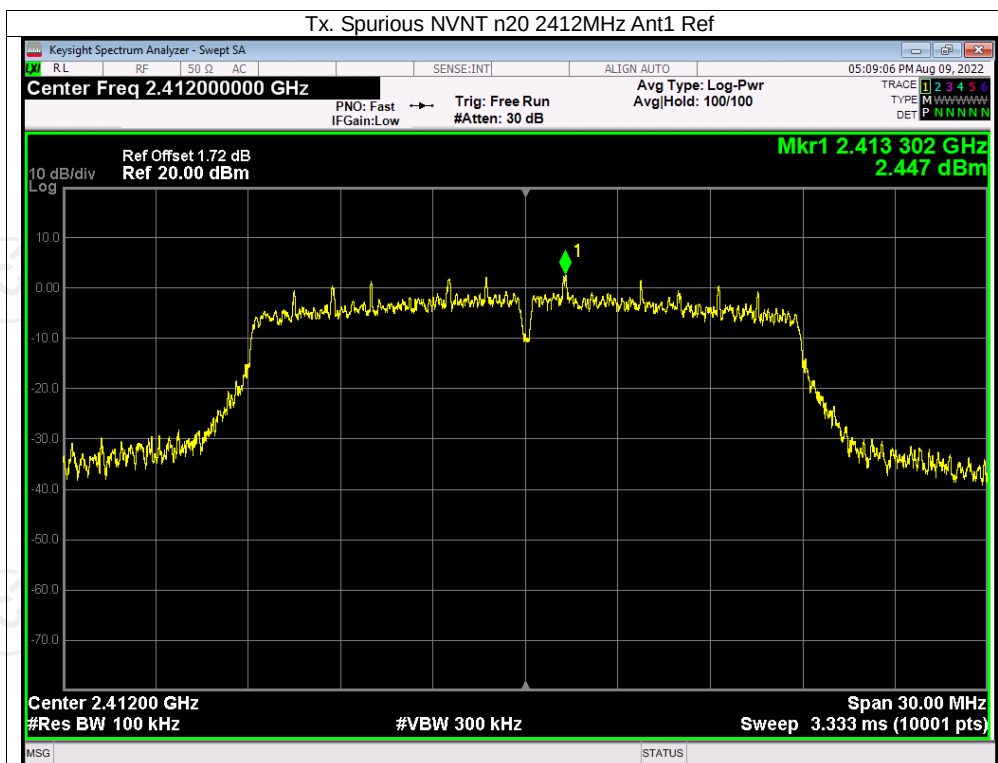


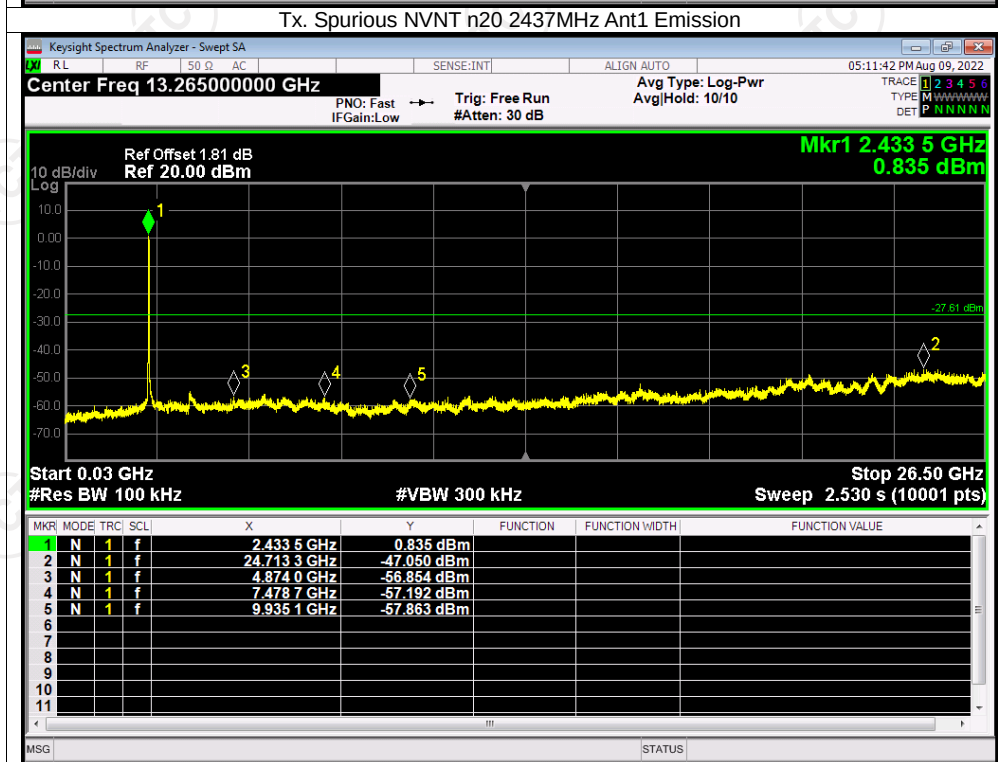
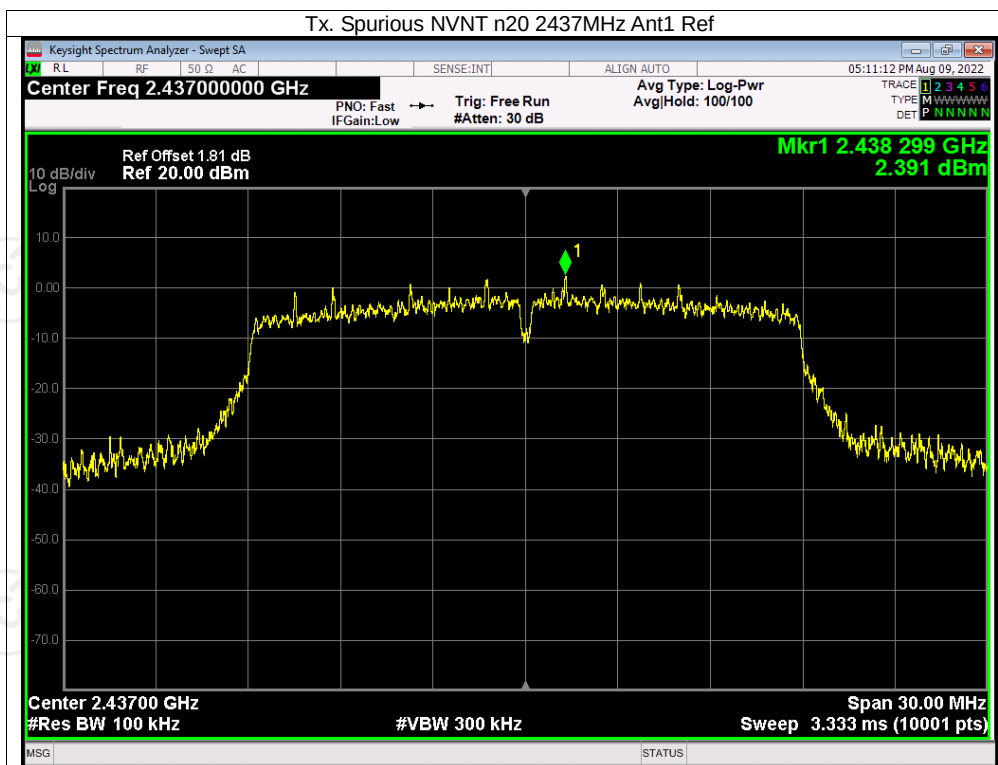


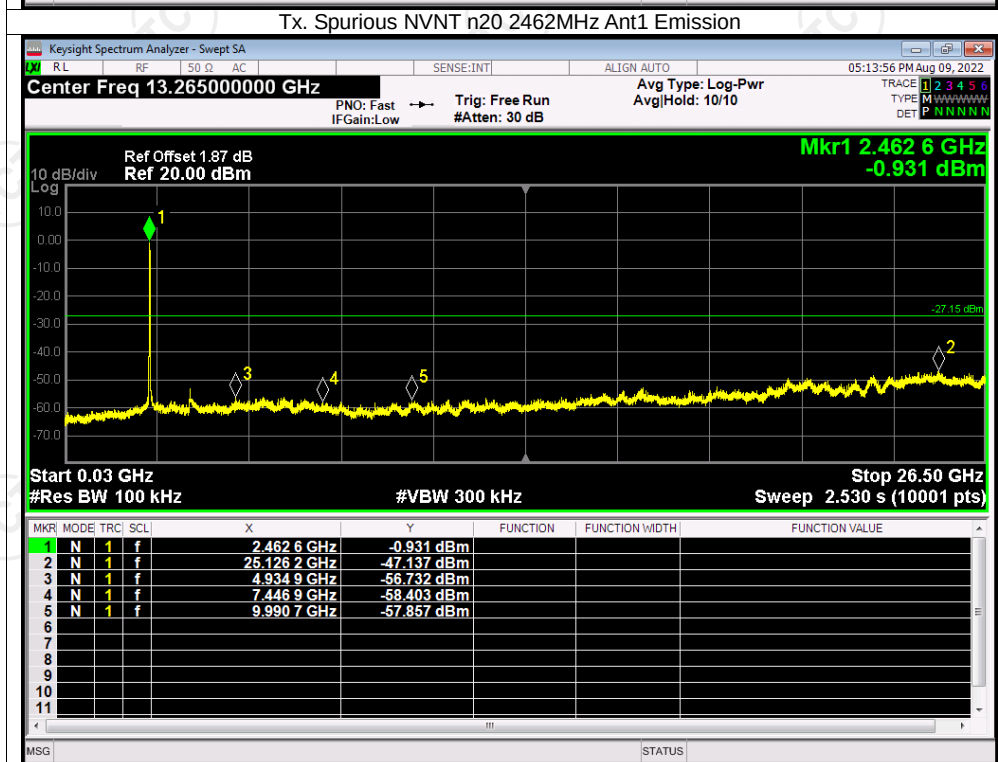
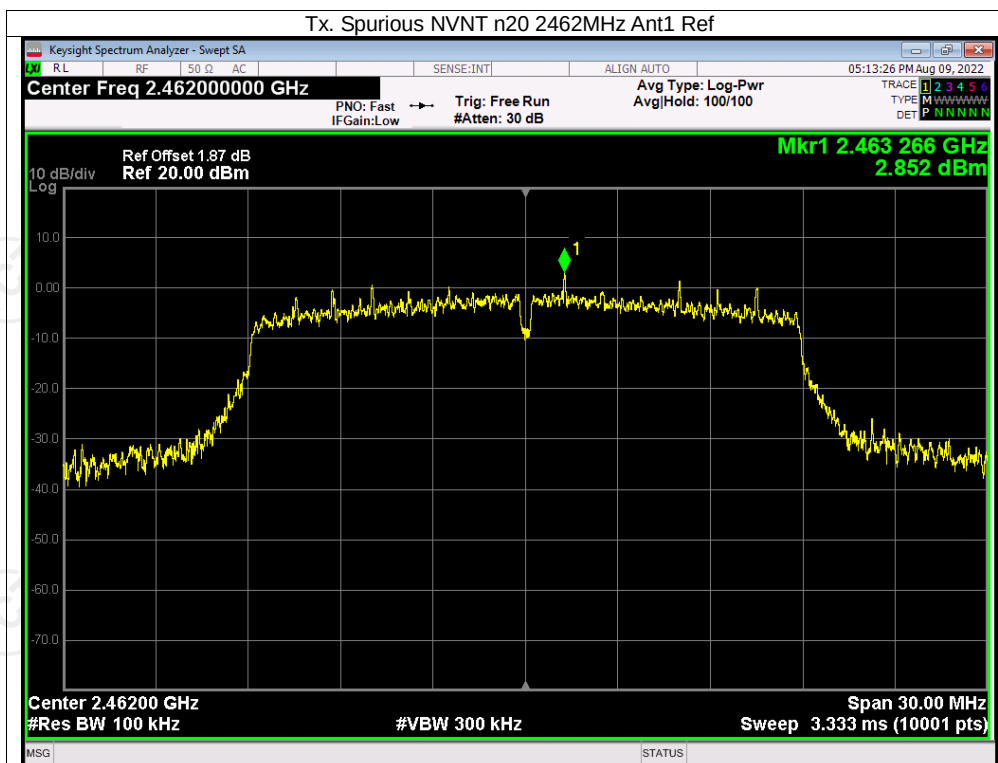


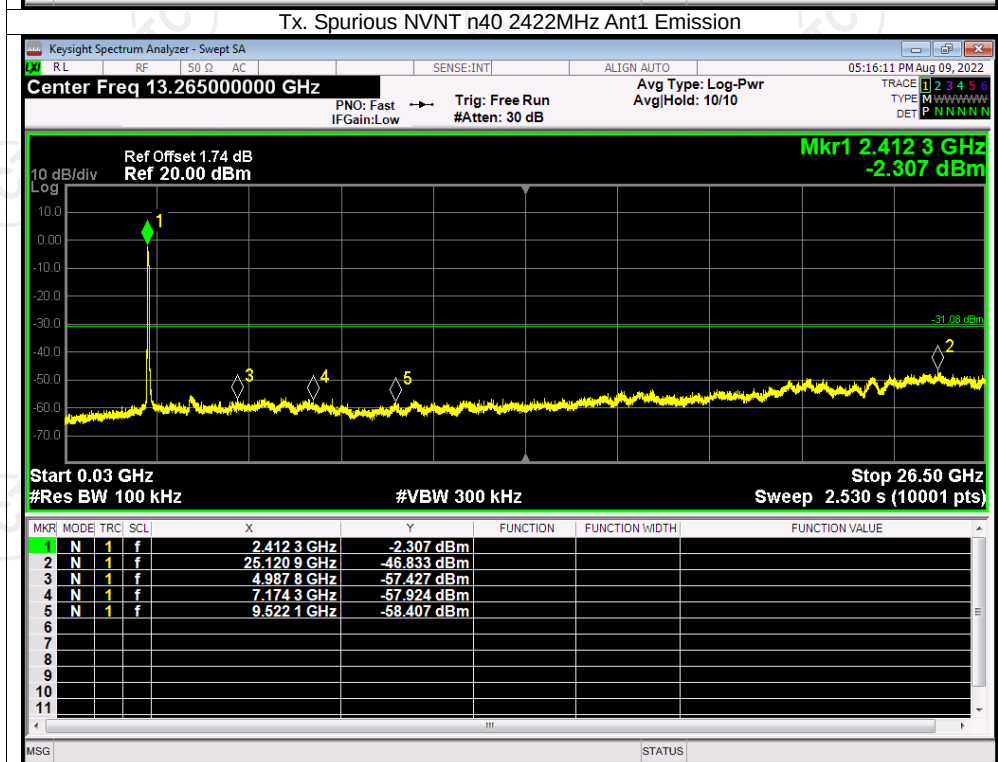
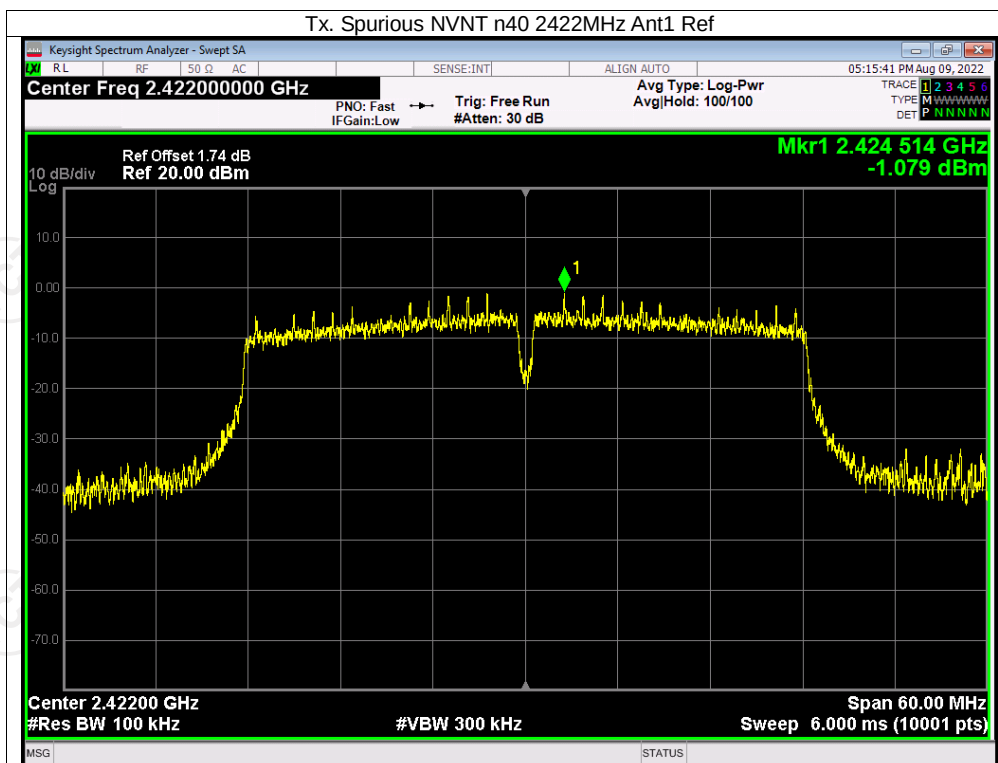


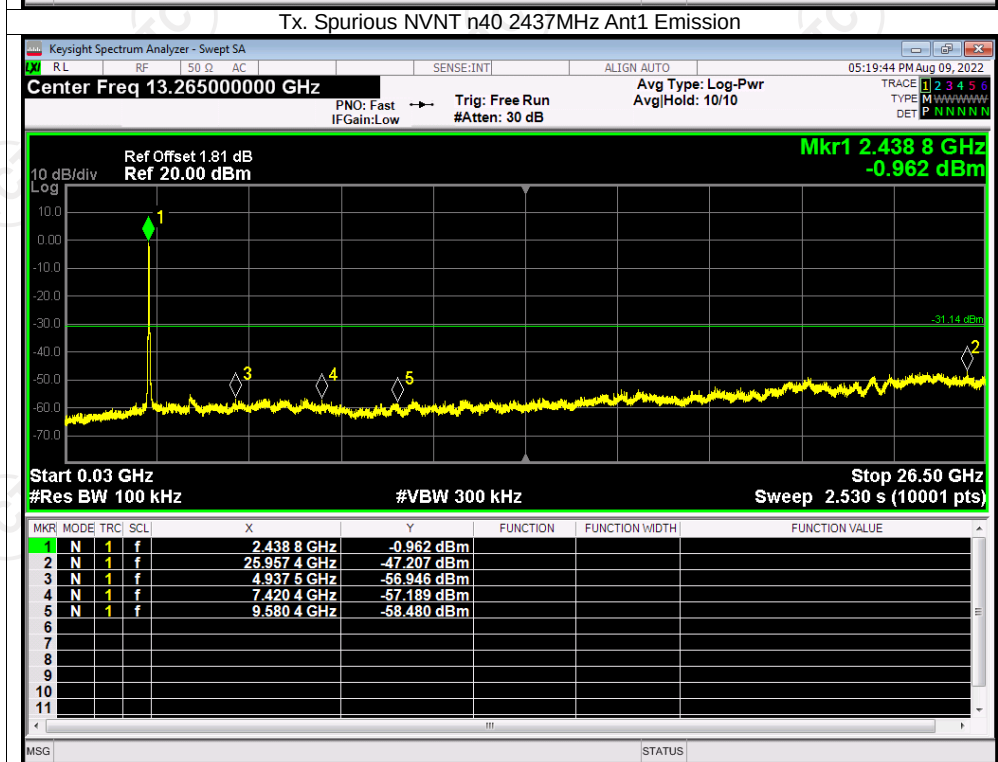
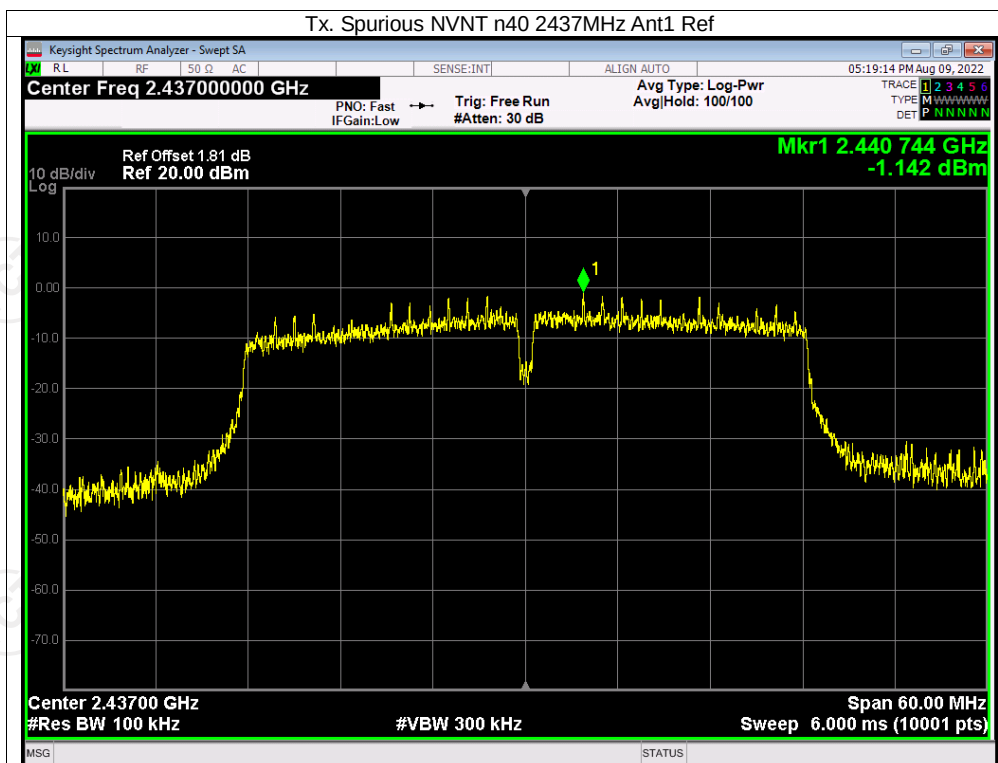


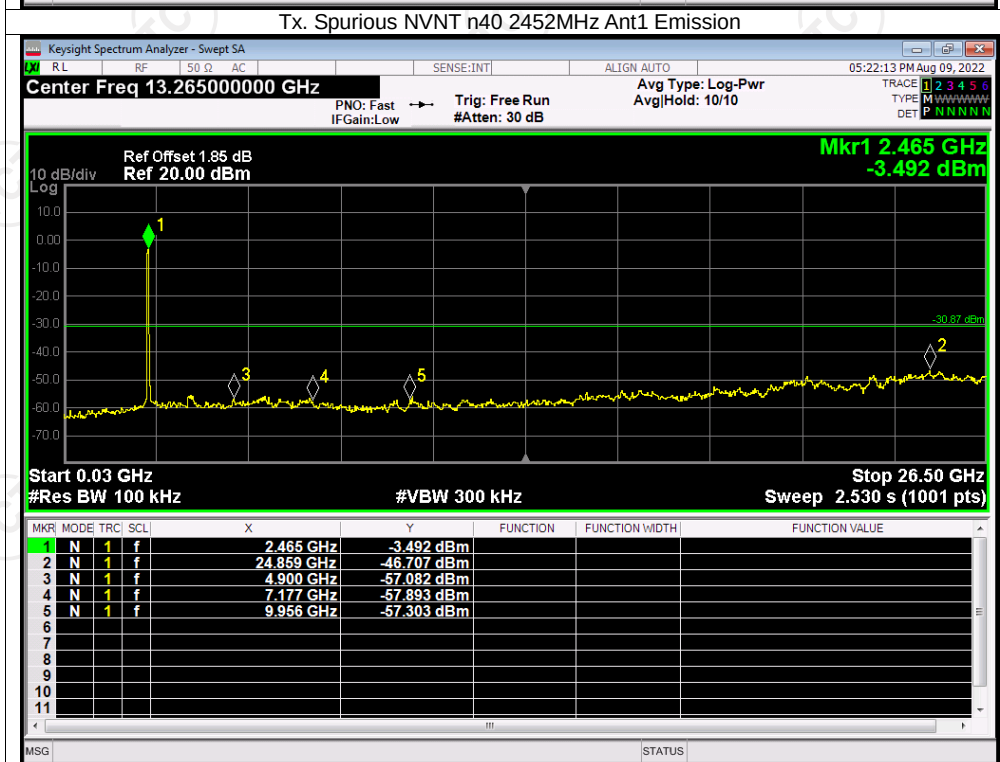
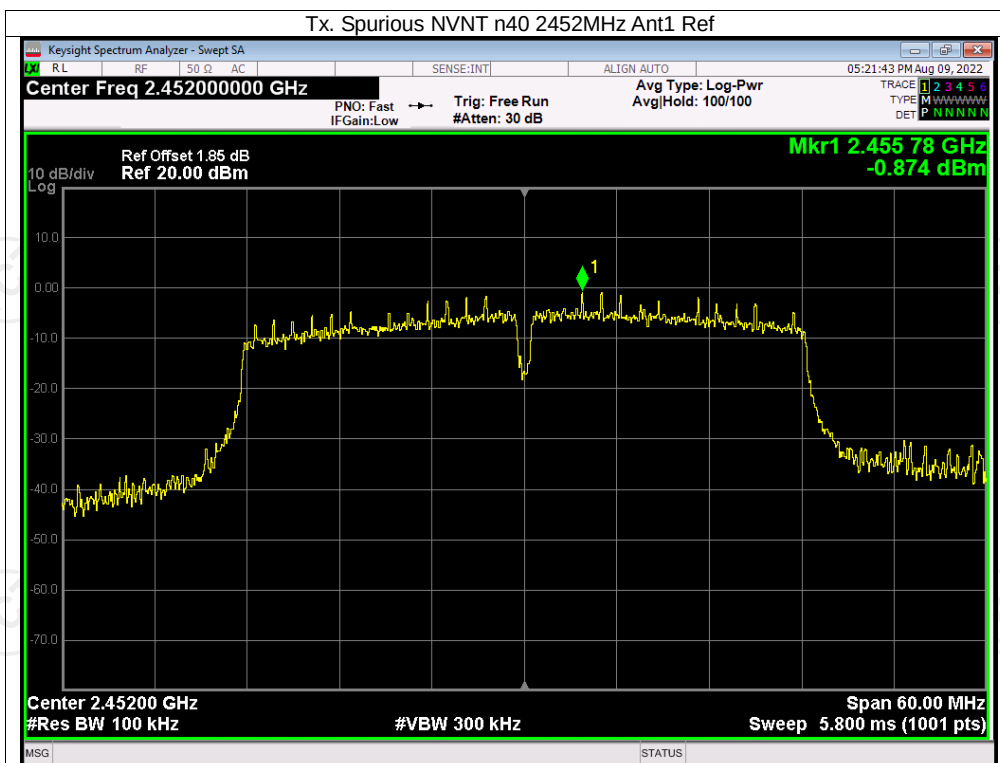










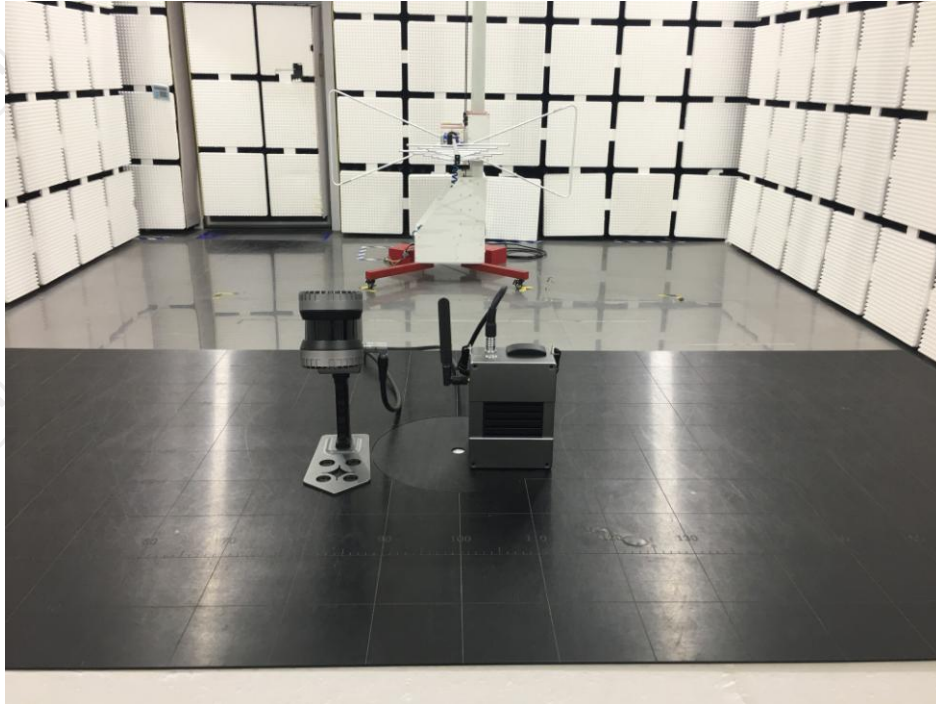


Appendix B: Photographs of Test Setup

Product: Handheld Laser Scanner

Model: XH120

Radiated Emission



Conducted Emission

