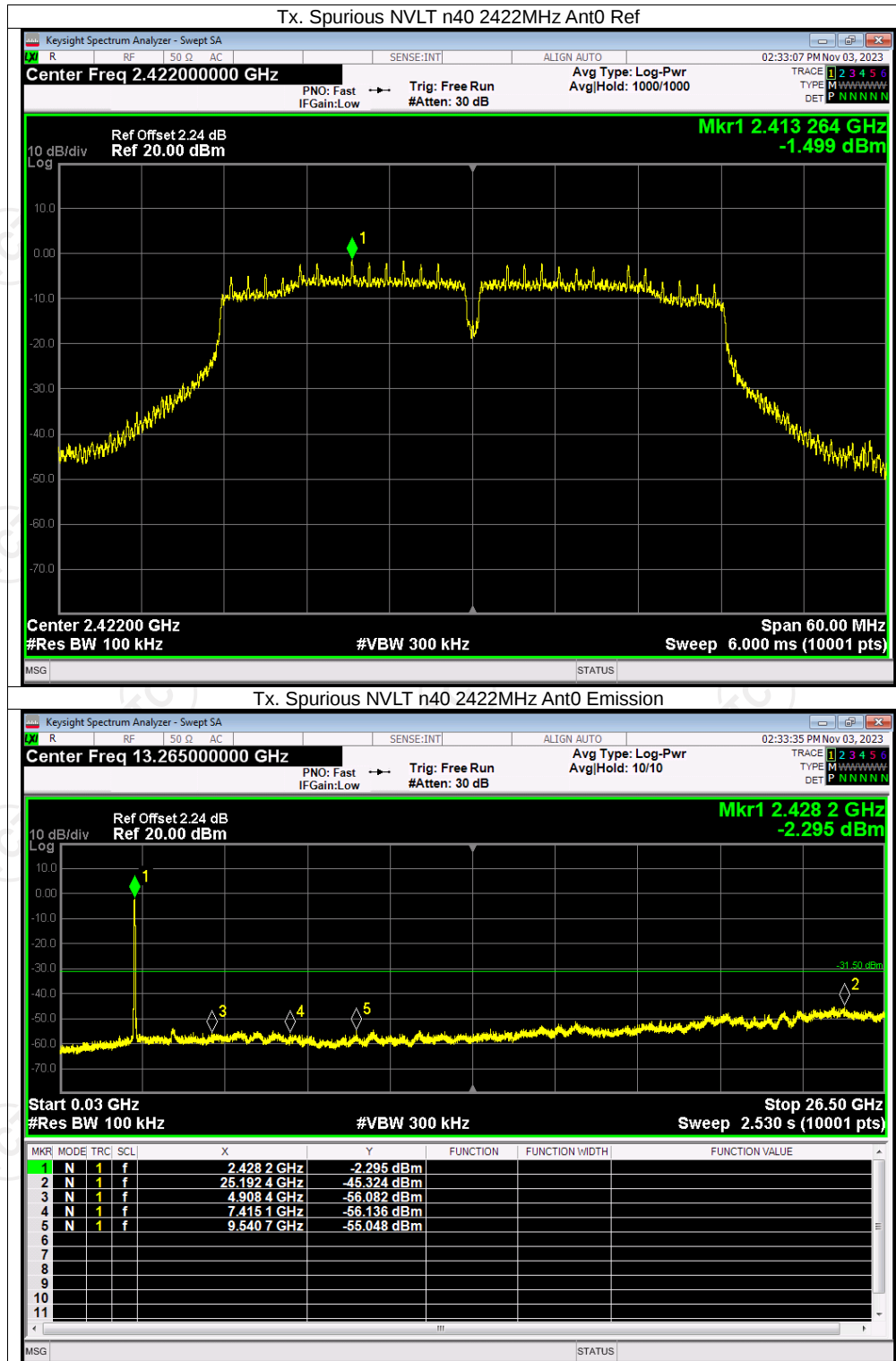
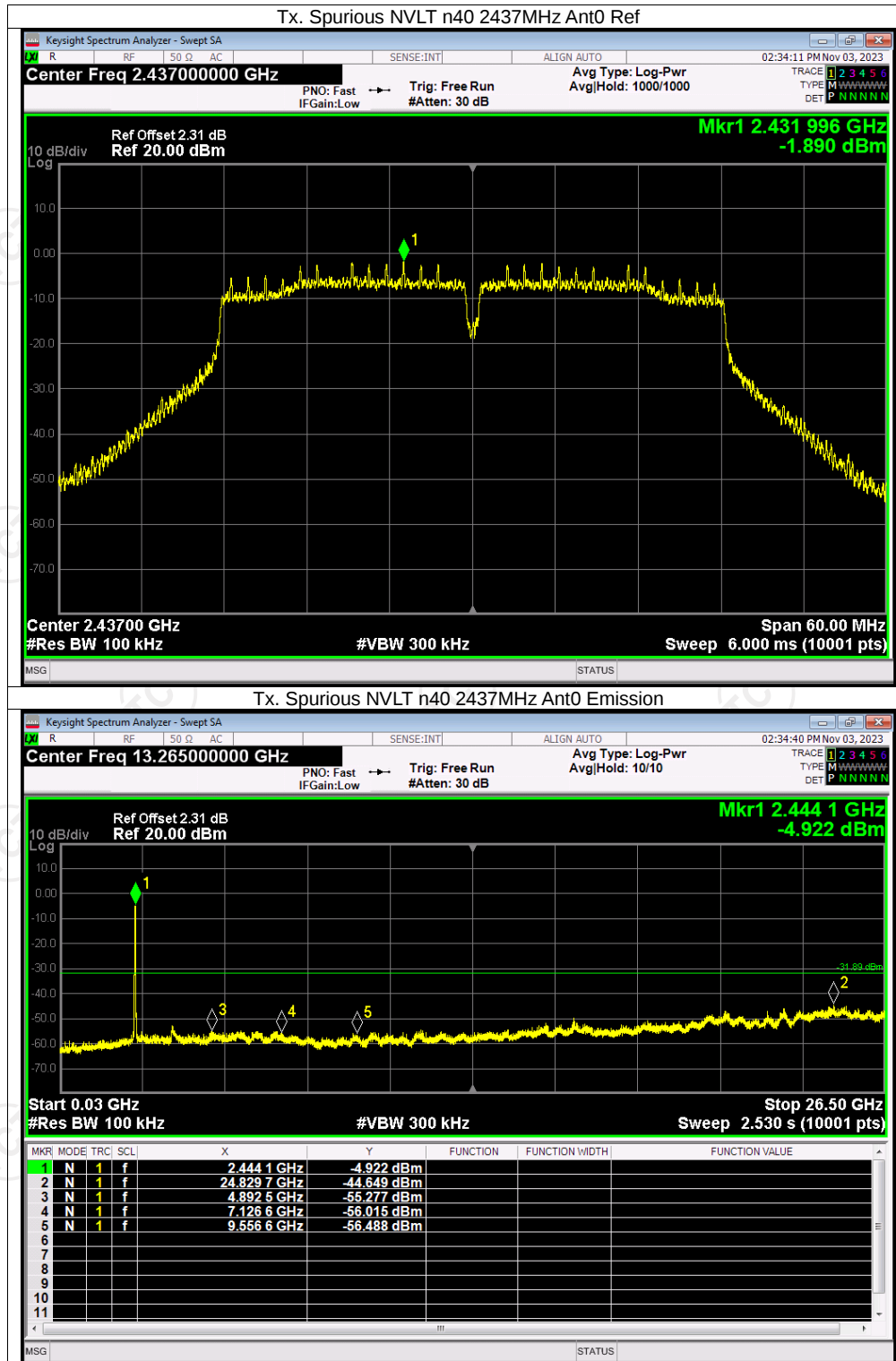
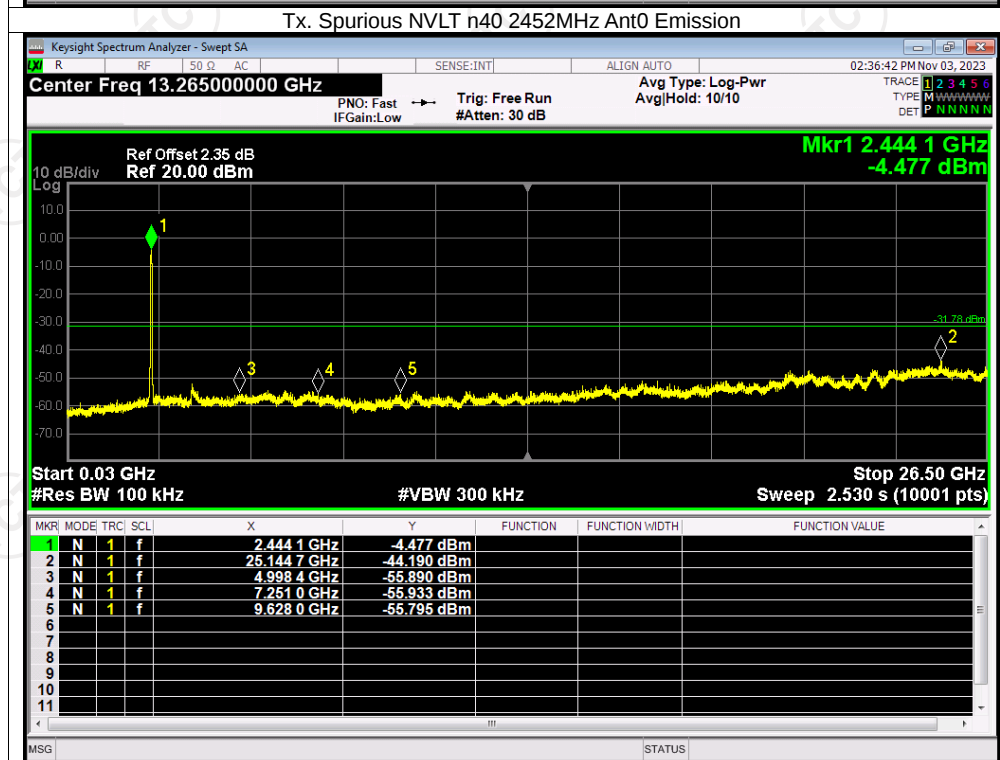
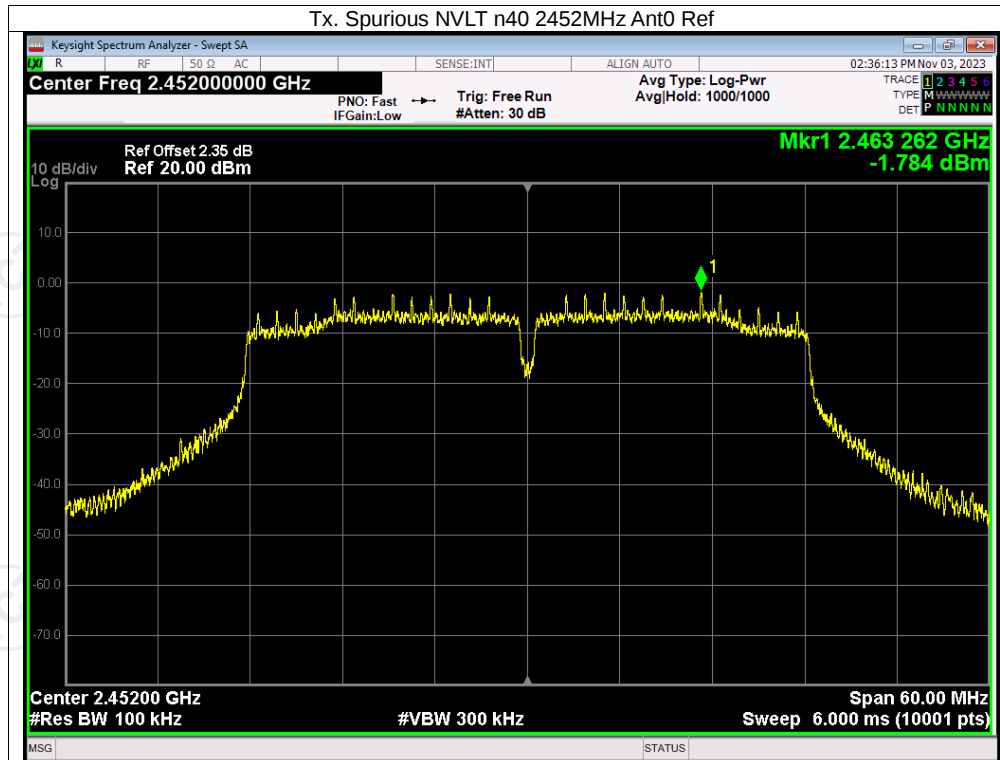




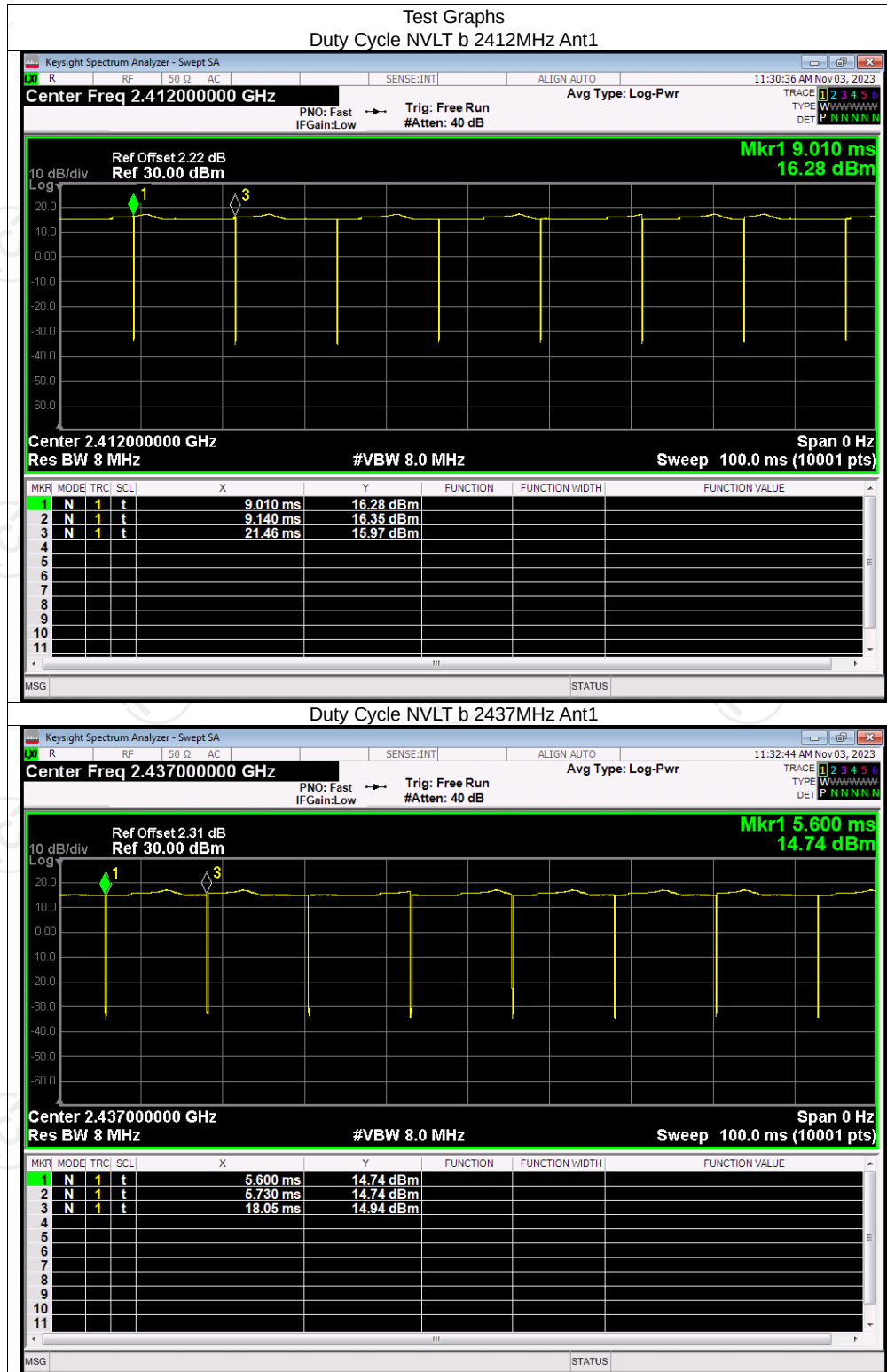


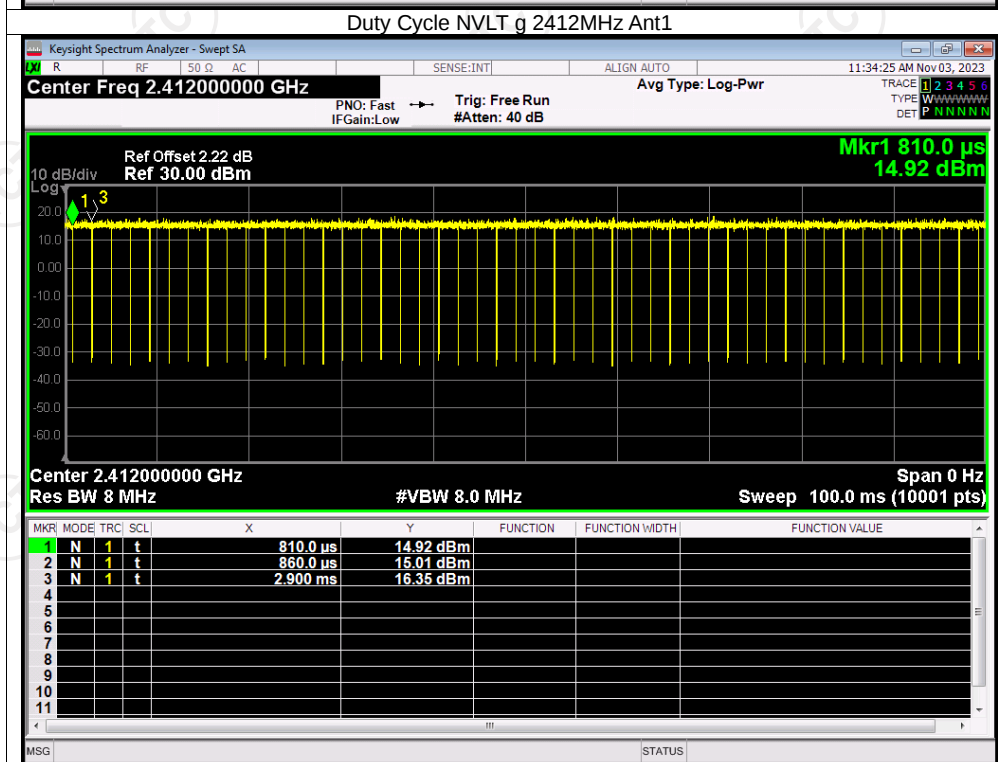
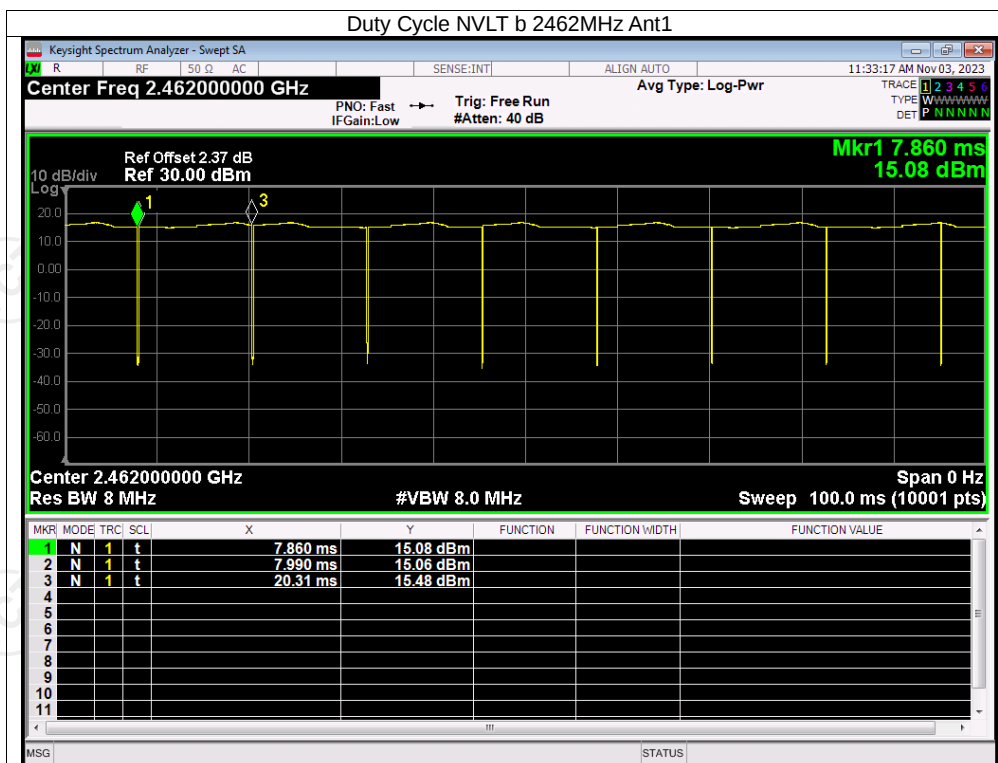


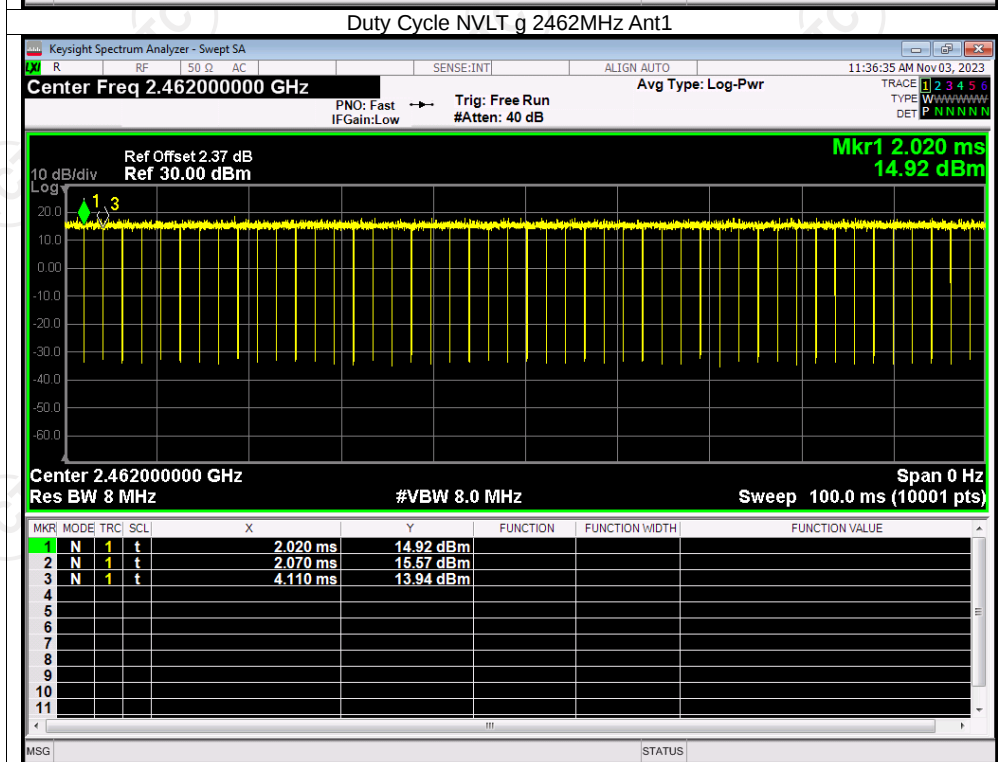
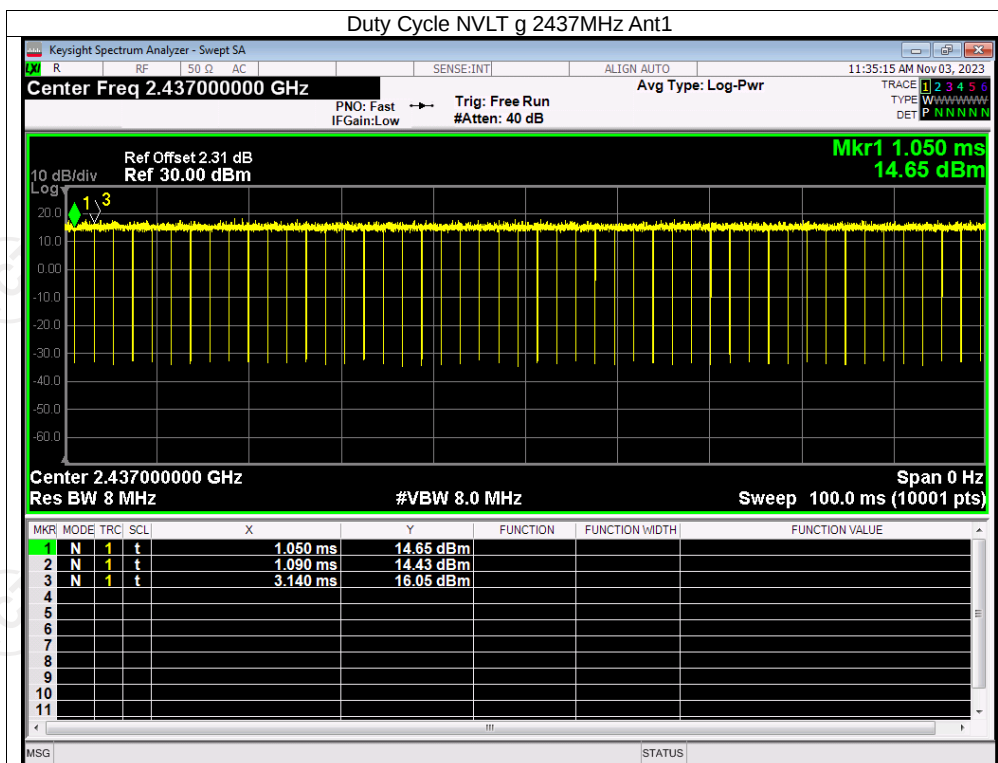
Antenna 1

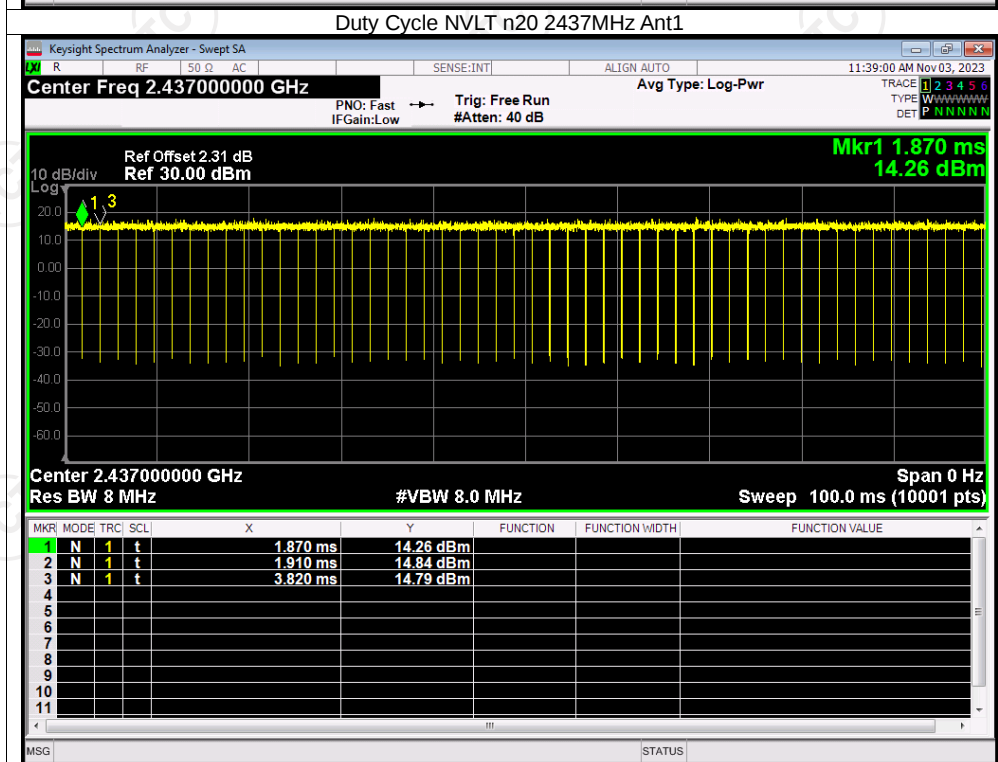
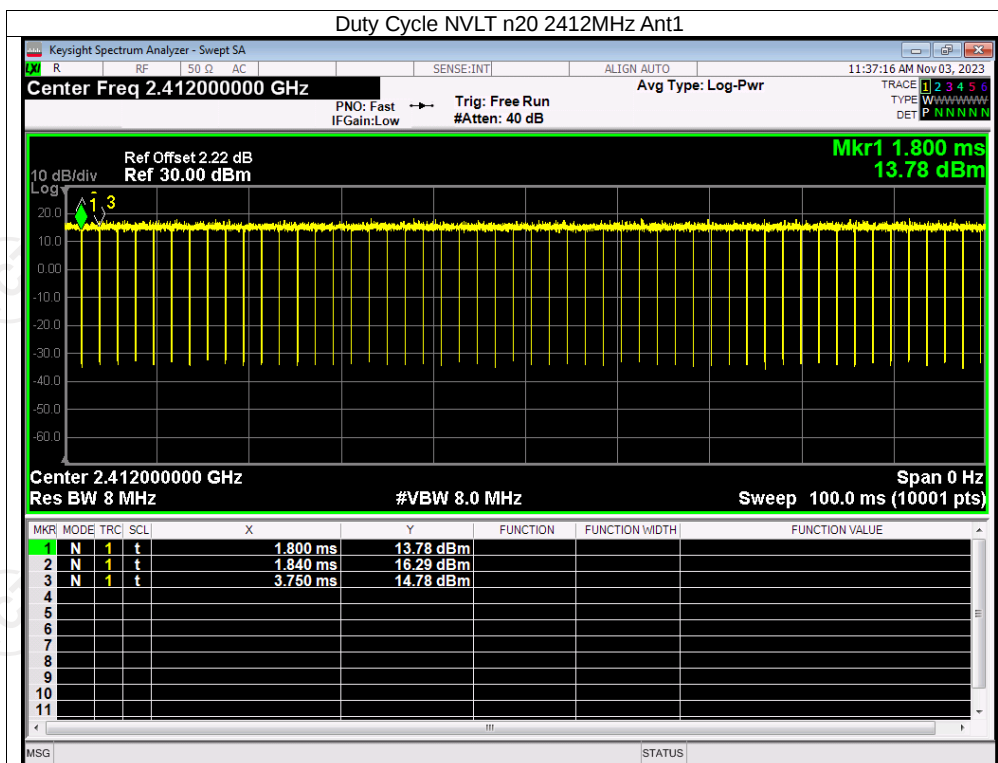
Duty Cycle

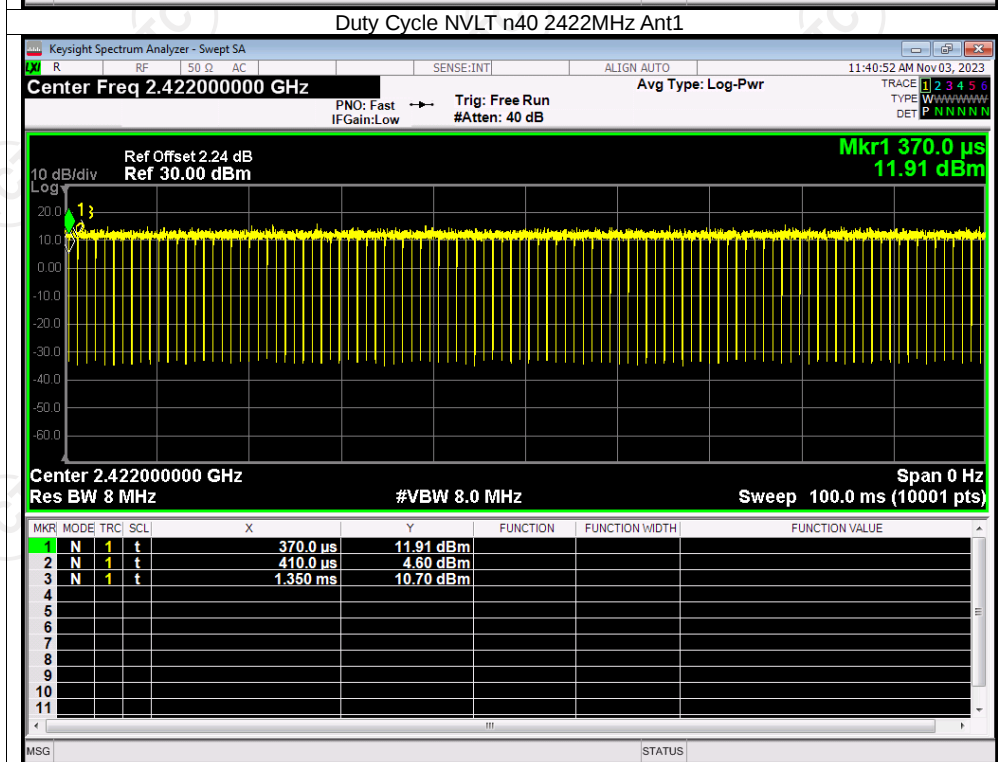
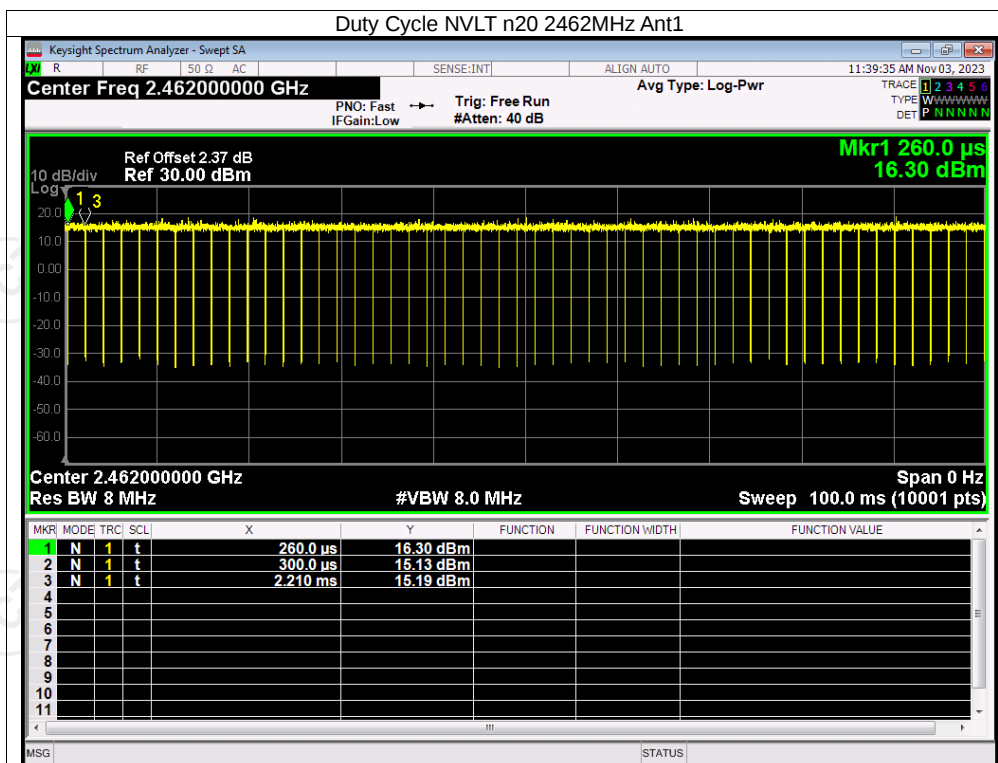
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	99.04	0
NVNT	b	2437	Ant1	99.04	0
NVNT	b	2462	Ant1	99.04	0
NVNT	g	2412	Ant1	98.37	0
NVNT	g	2437	Ant1	98.41	0
NVNT	g	2462	Ant1	98.43	0
NVNT	n20	2412	Ant1	98.31	0
NVNT	n20	2437	Ant1	98.32	0
NVNT	n20	2462	Ant1	98.24	0
NVNT	n40	2422	Ant1	96.94	0.13
NVNT	n40	2437	Ant1	96.94	0.13
NVNT	n40	2452	Ant1	96.94	0.13

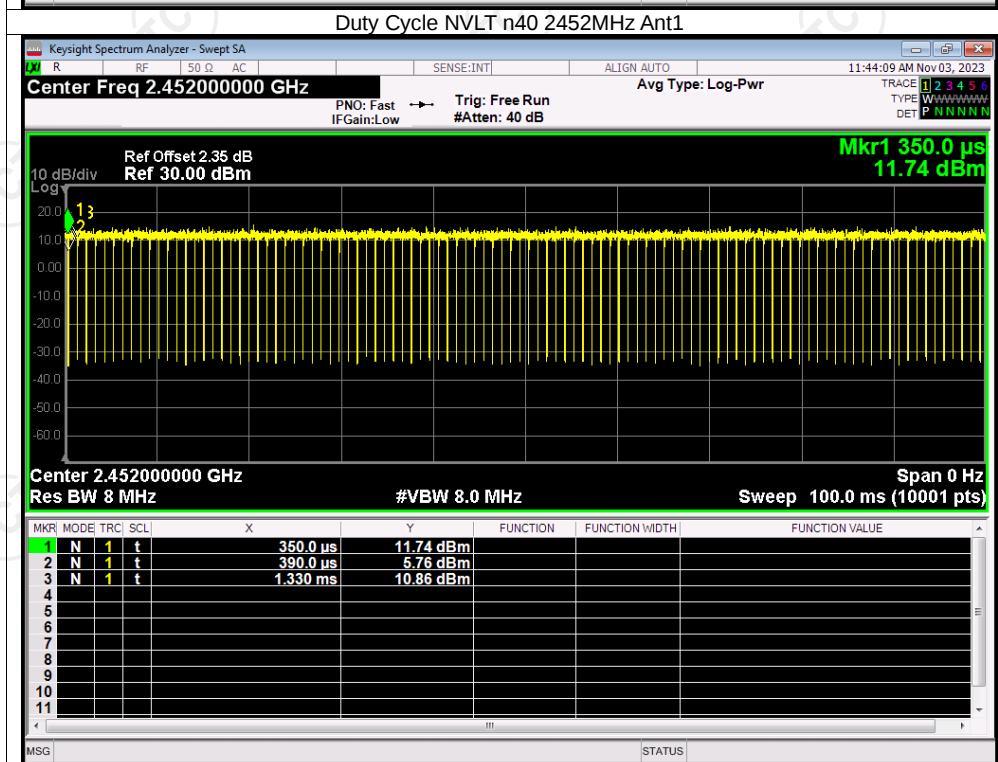
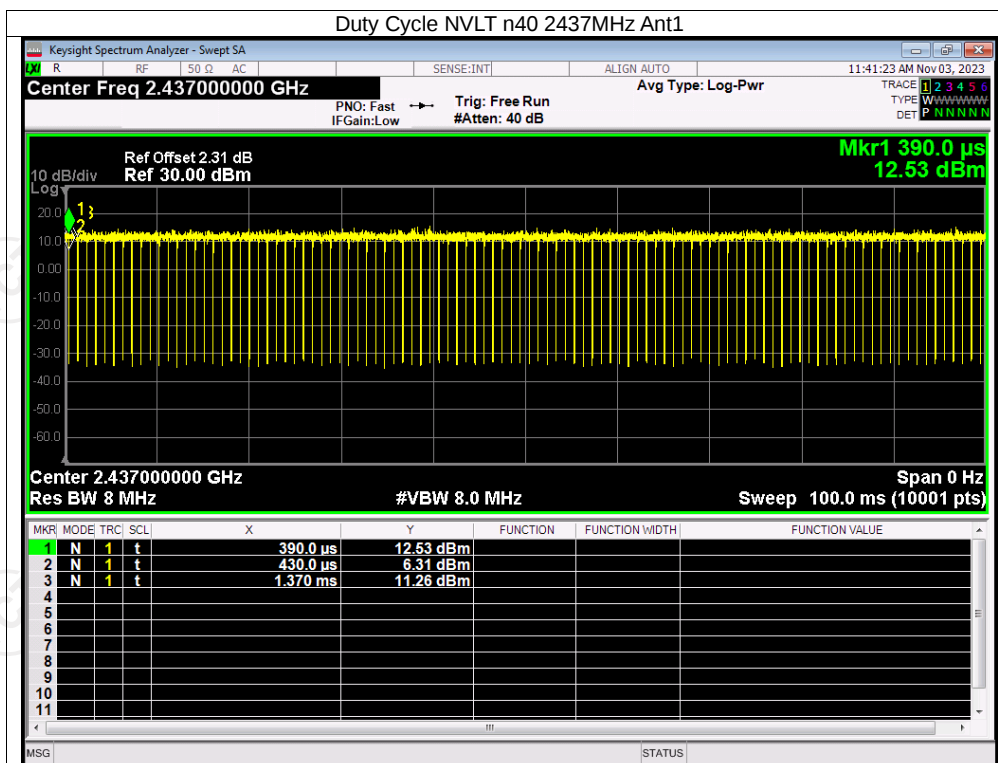






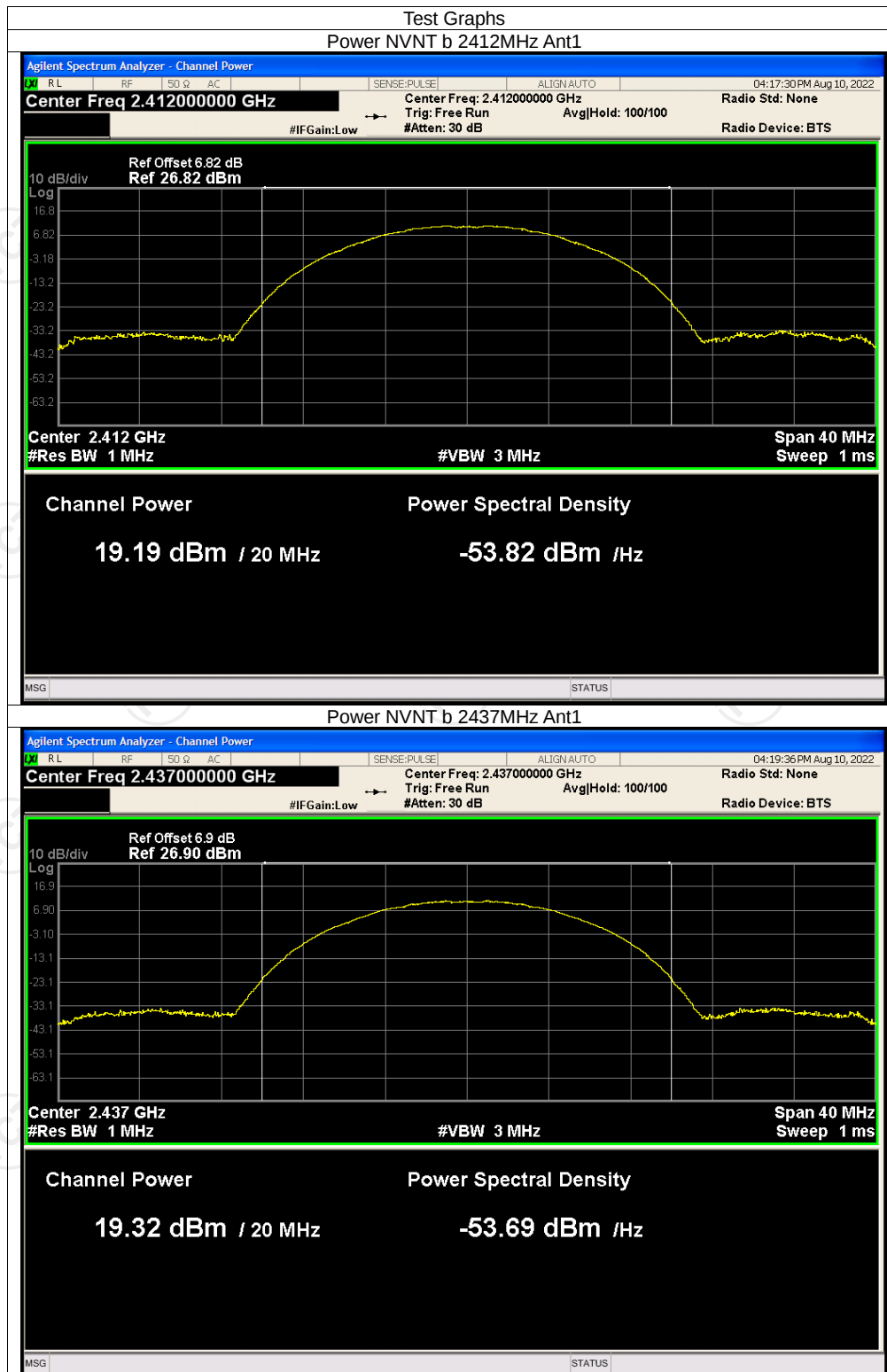


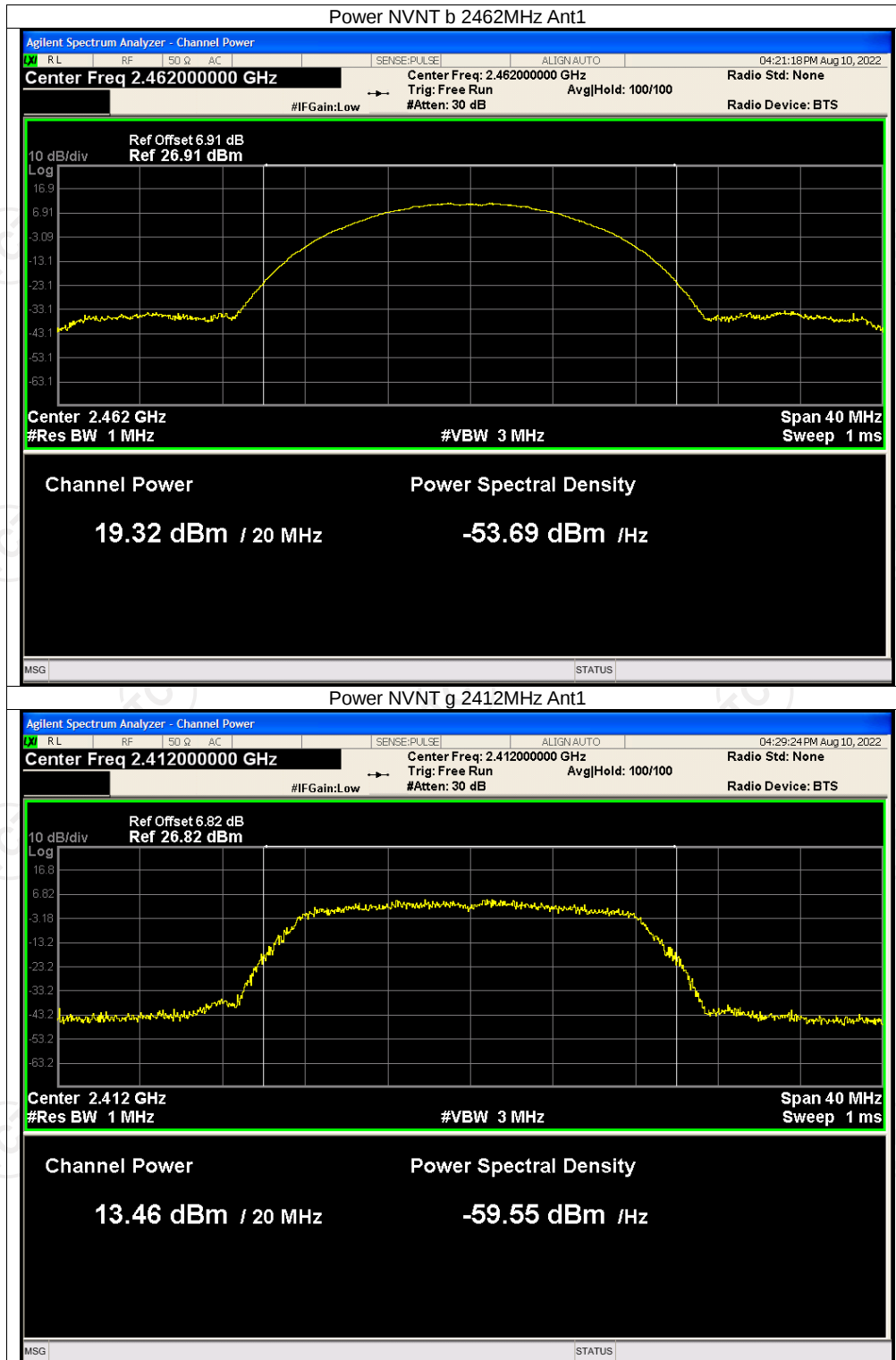


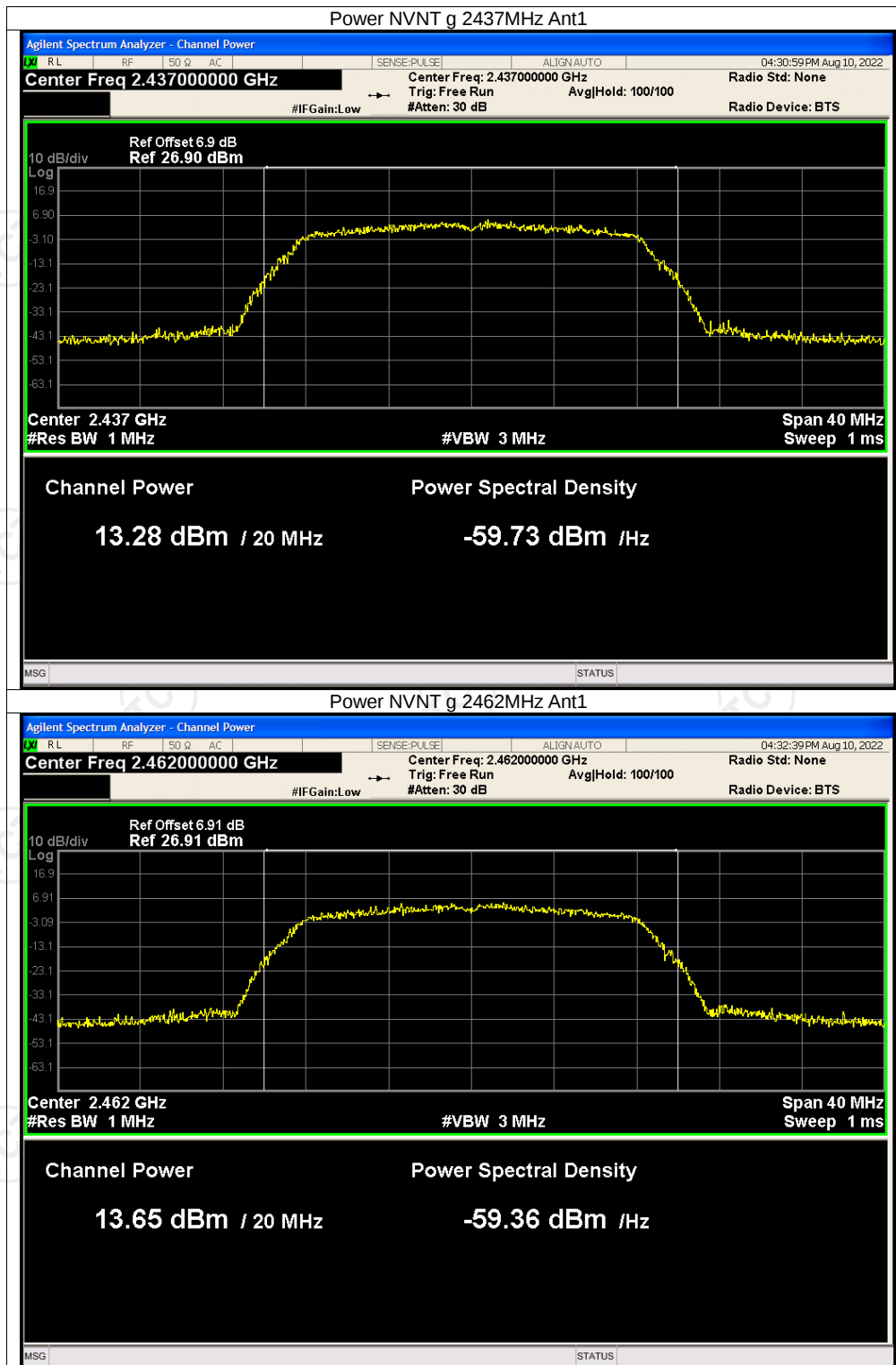


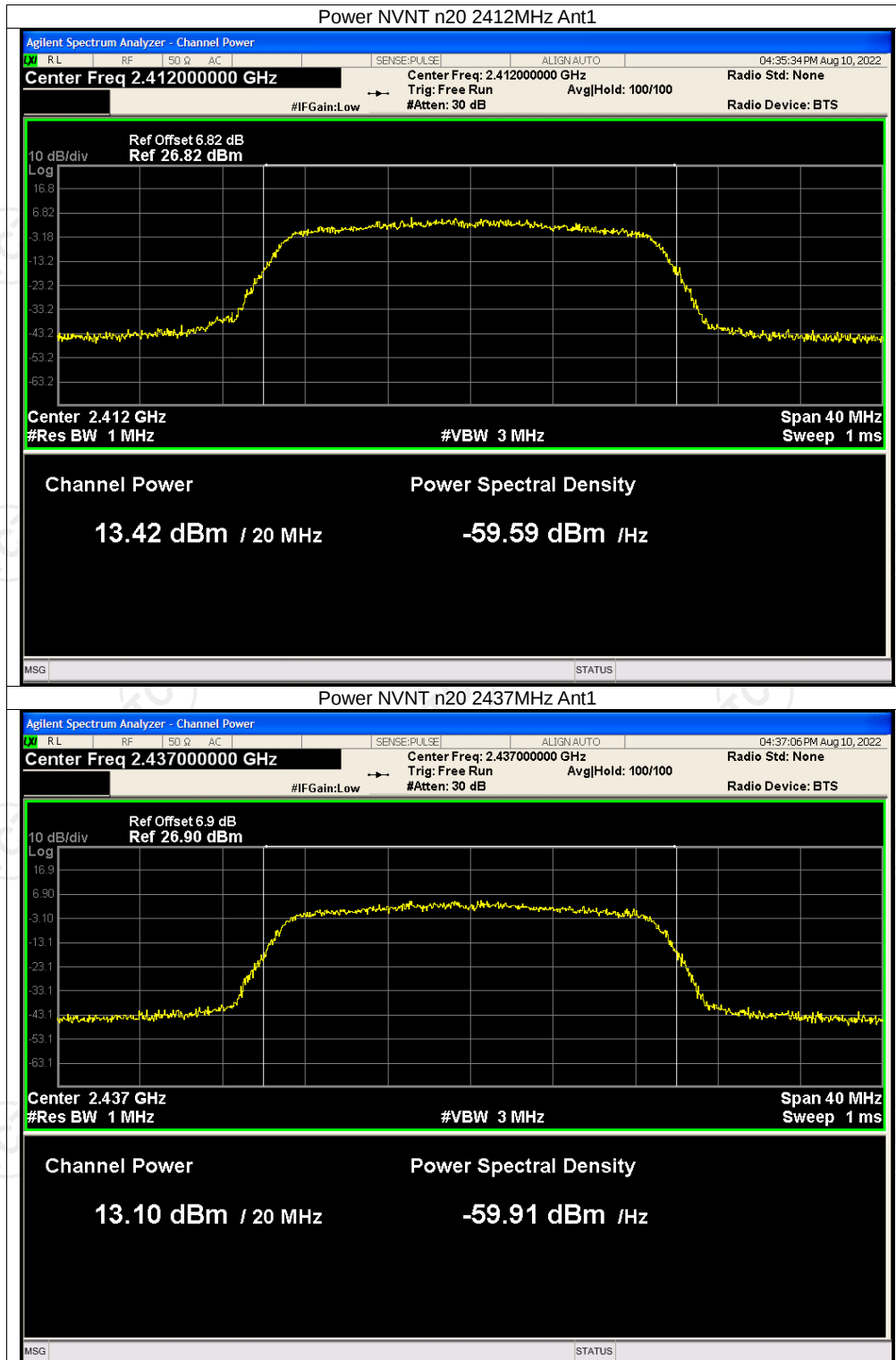
Maximum Conducted Output Power

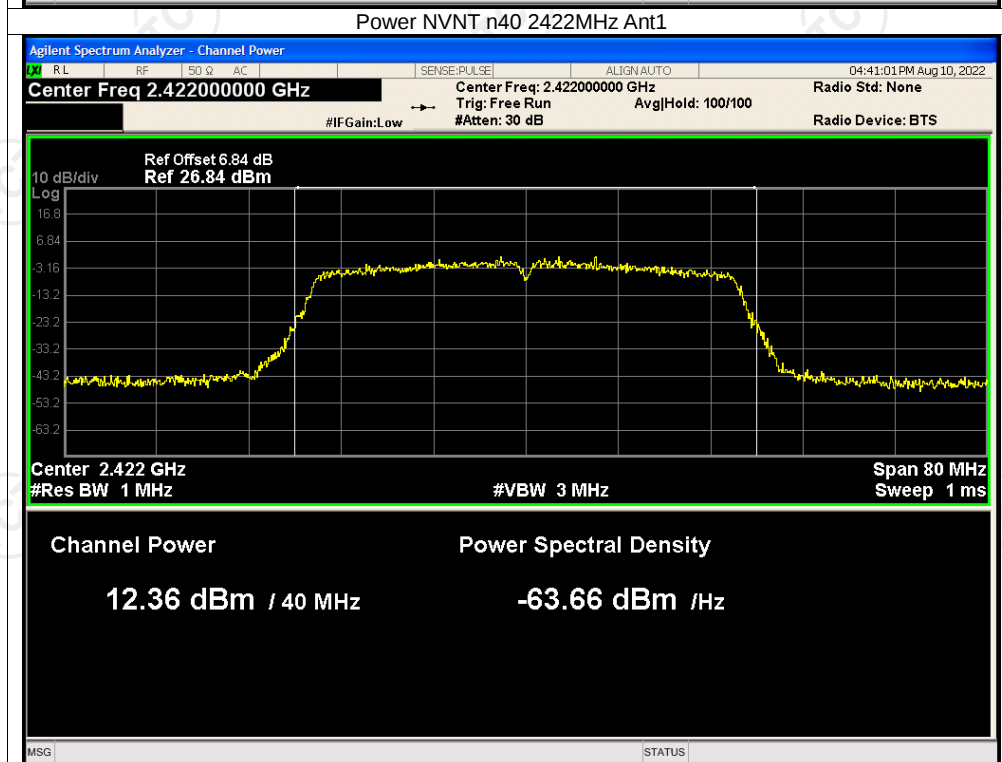
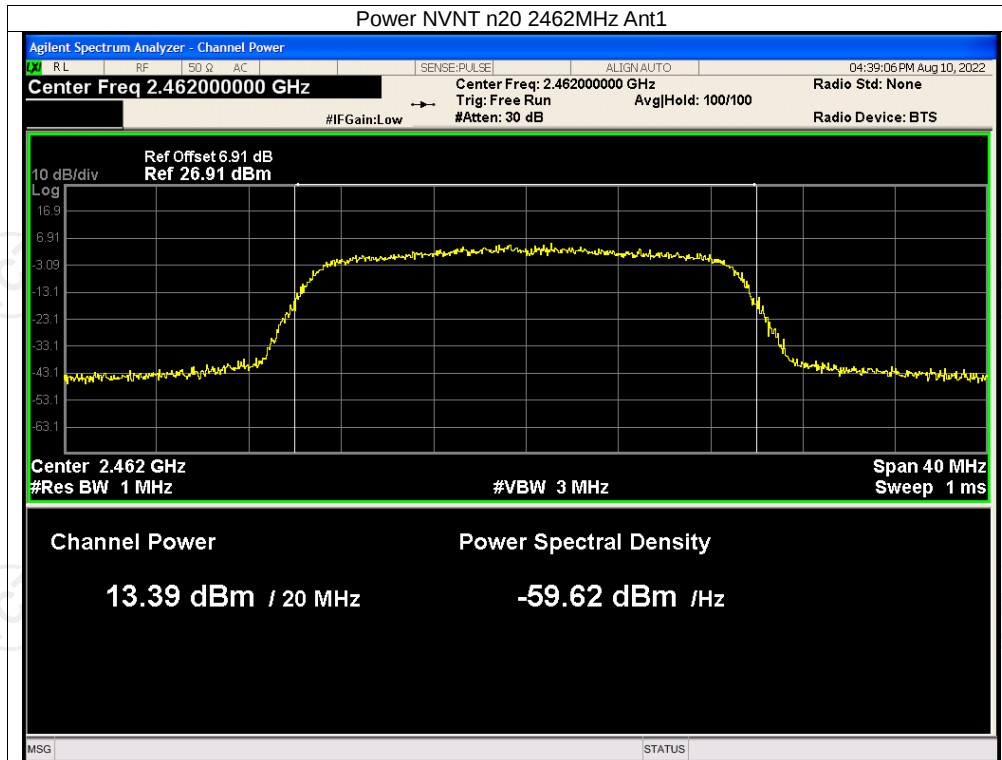
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	19.19	0	19.19	30	Pass
NVNT	b	2437	Ant1	19.32	0	19.32	30	Pass
NVNT	b	2462	Ant1	19.32	0	19.32	30	Pass
NVNT	g	2412	Ant1	13.47	0	13.47	30	Pass
NVNT	g	2437	Ant1	13.28	0	13.28	30	Pass
NVNT	g	2462	Ant1	13.65	0	13.65	30	Pass
NVNT	n20	2412	Ant1	13.42	0	13.42	30	Pass
NVNT	n20	2437	Ant1	13.10	0	13.10	30	Pass
NVNT	n20	2462	Ant1	13.39	0	13.39	30	Pass
NVNT	n40	2422	Ant1	12.36	0.13	12.49	30	Pass
NVNT	n40	2437	Ant1	12.26	0.13	12.39	30	Pass
NVNT	n40	2452	Ant1	12.45	0.13	12.58	30	Pass

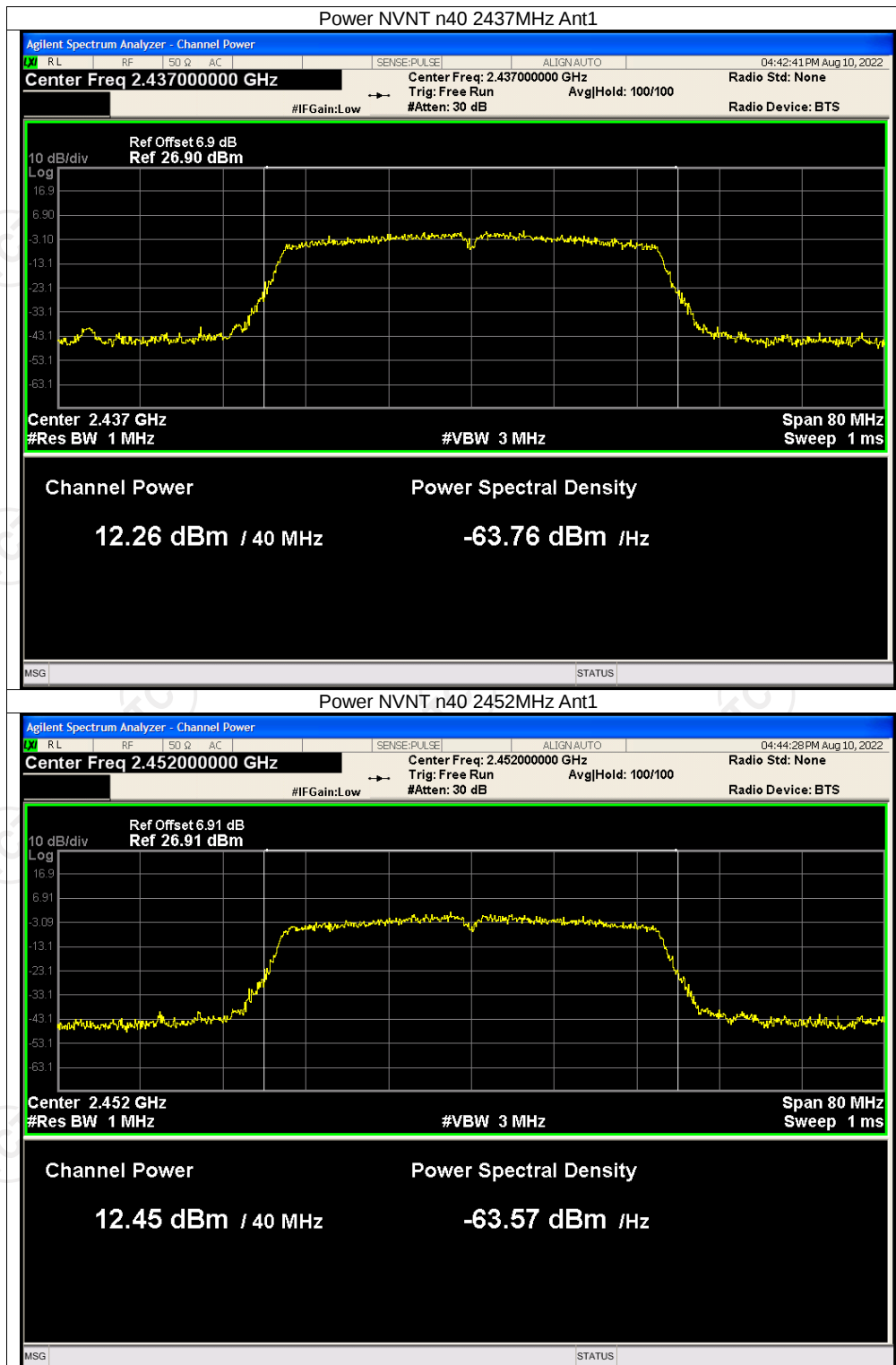






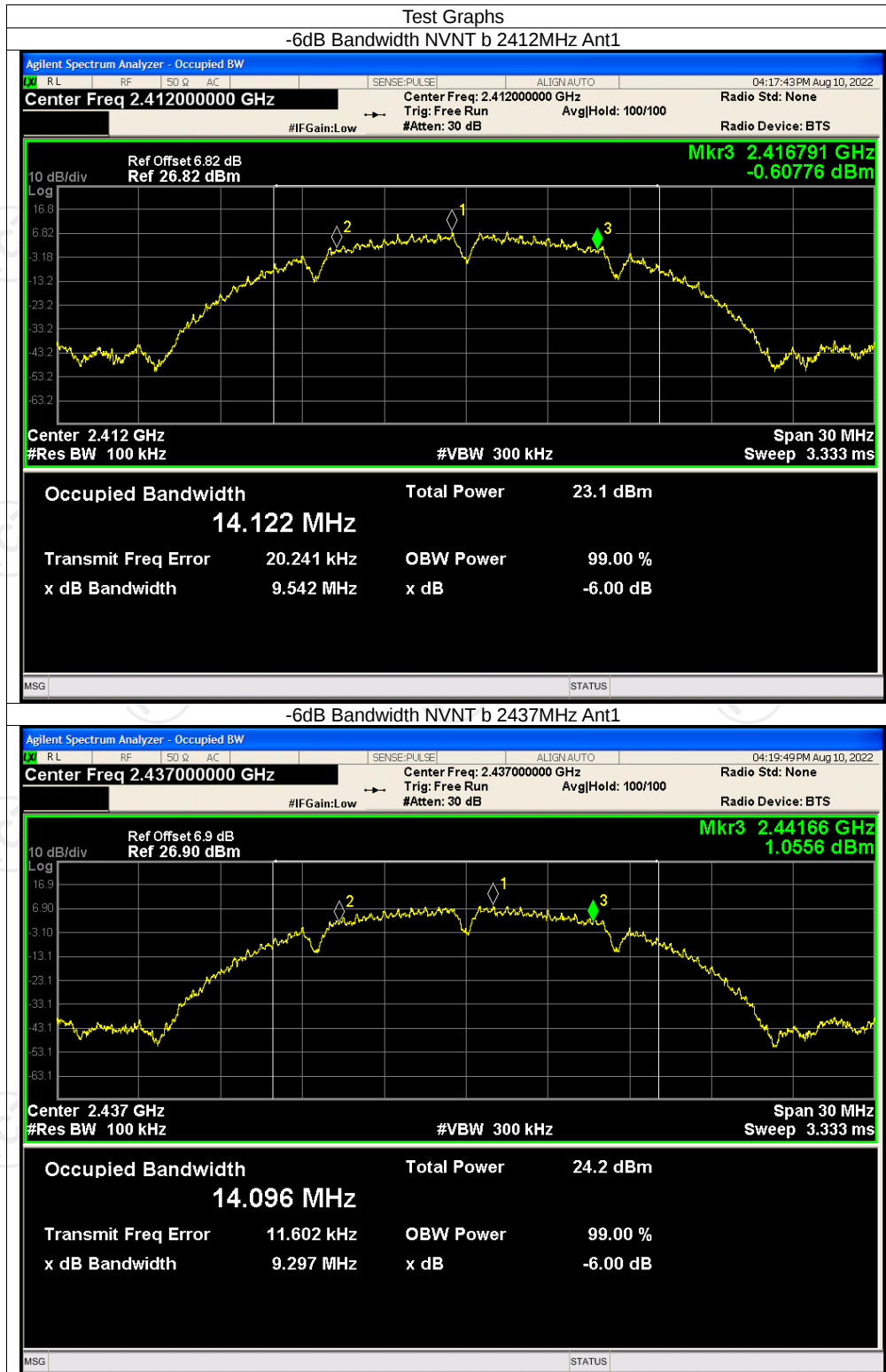


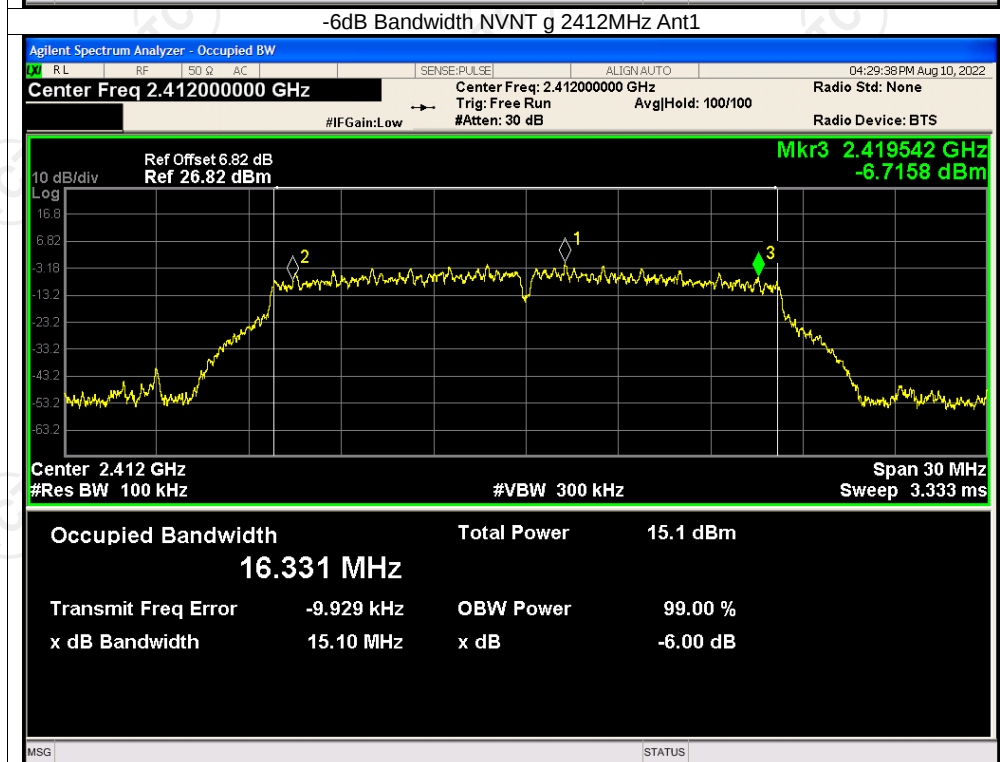
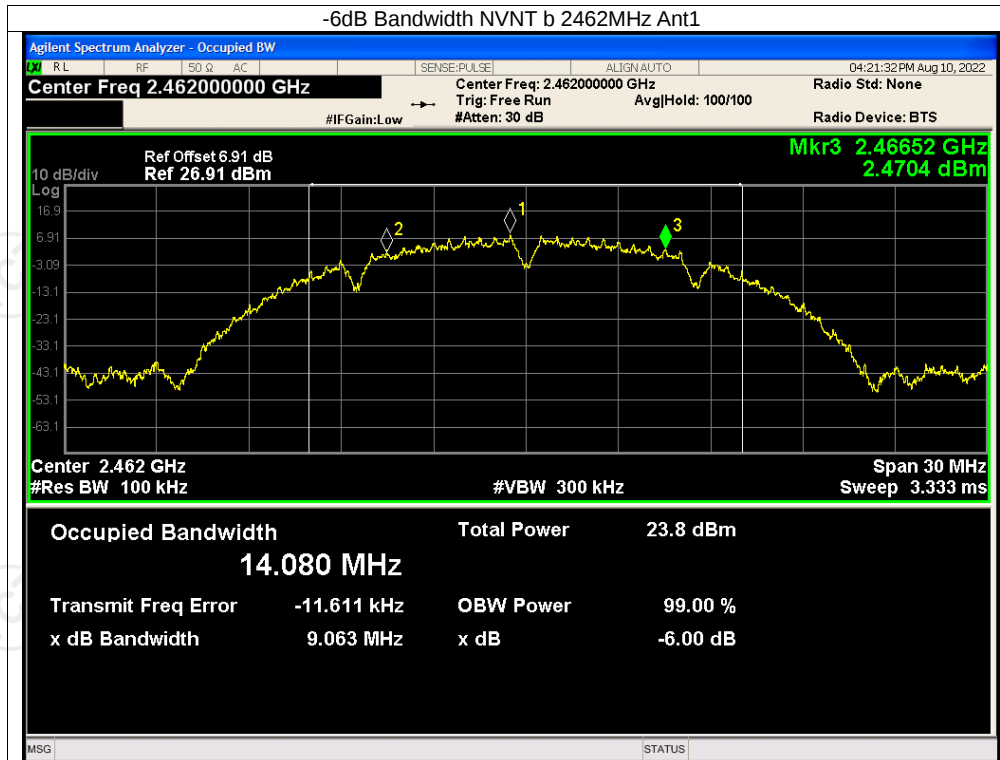


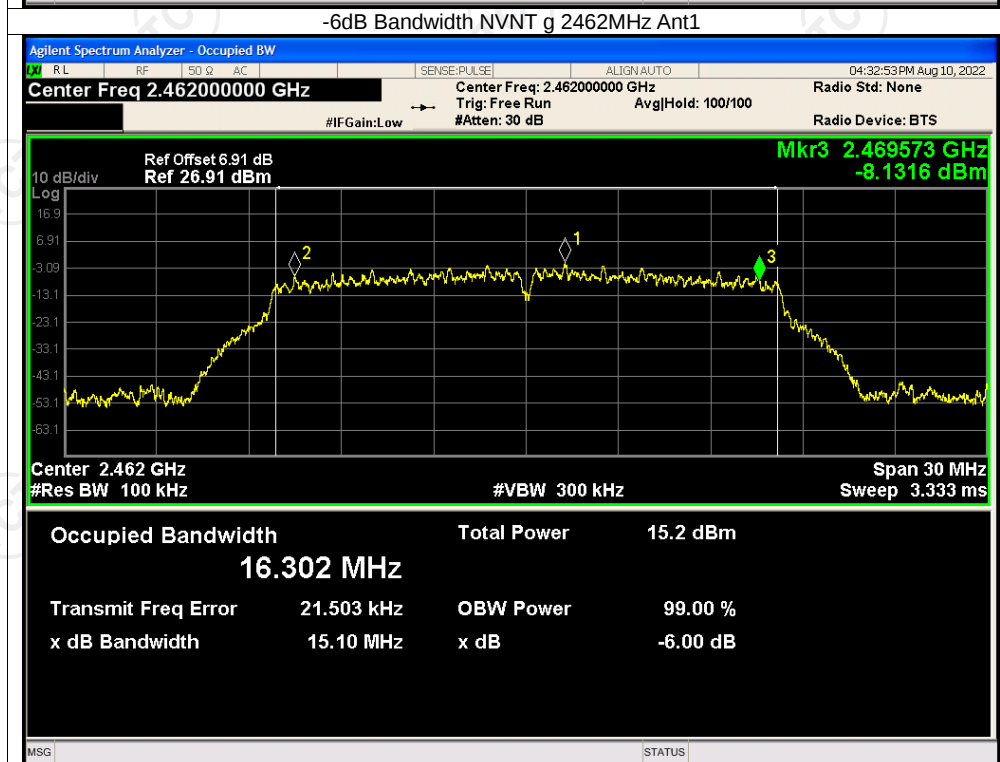
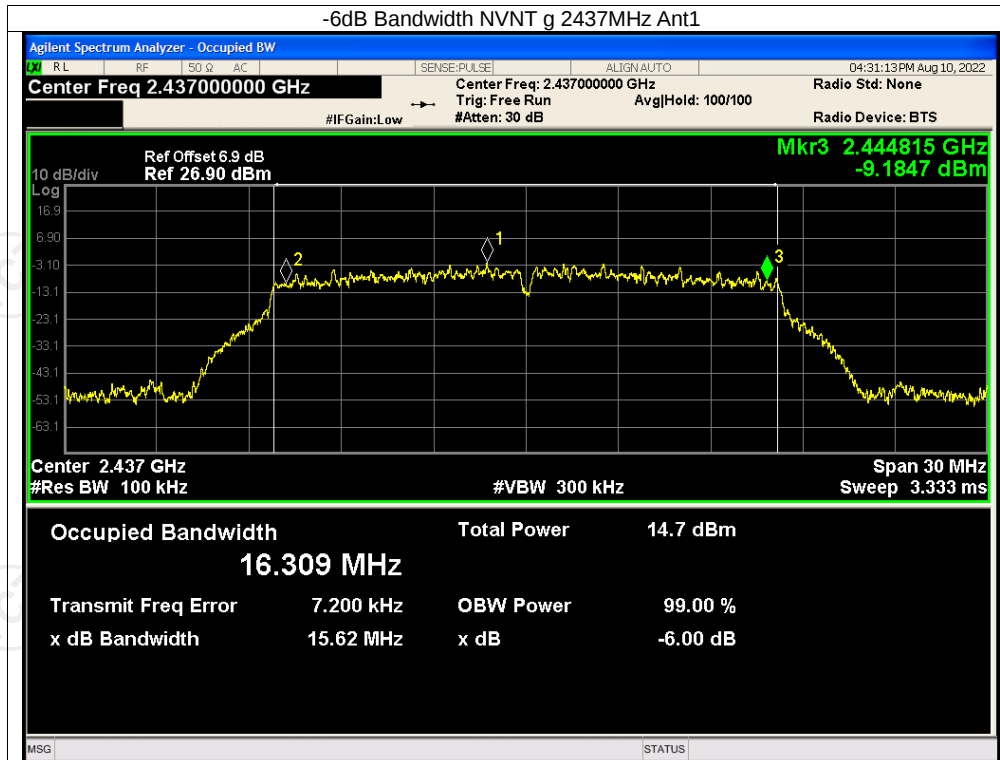


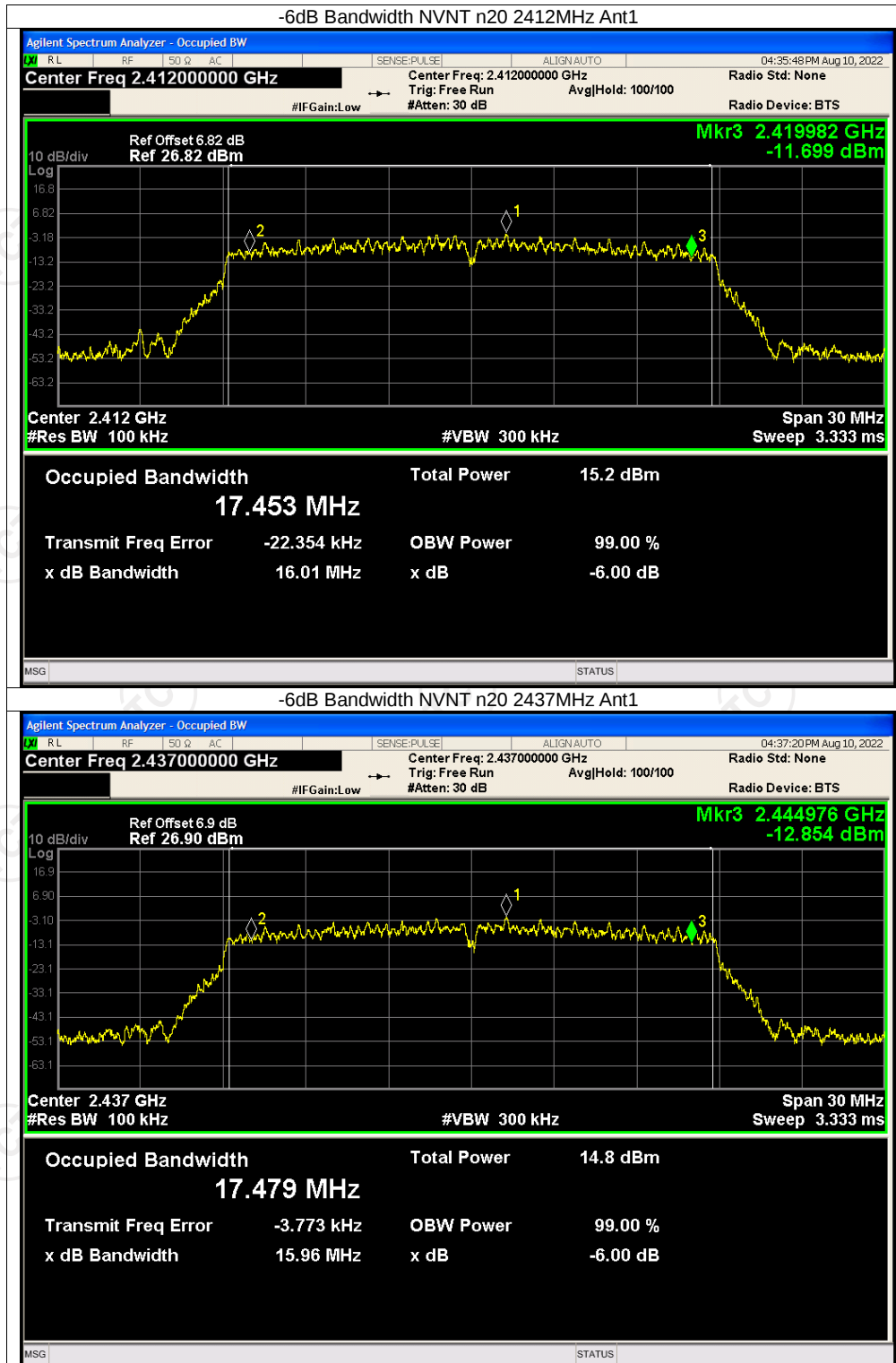
-6dB Bandwidth

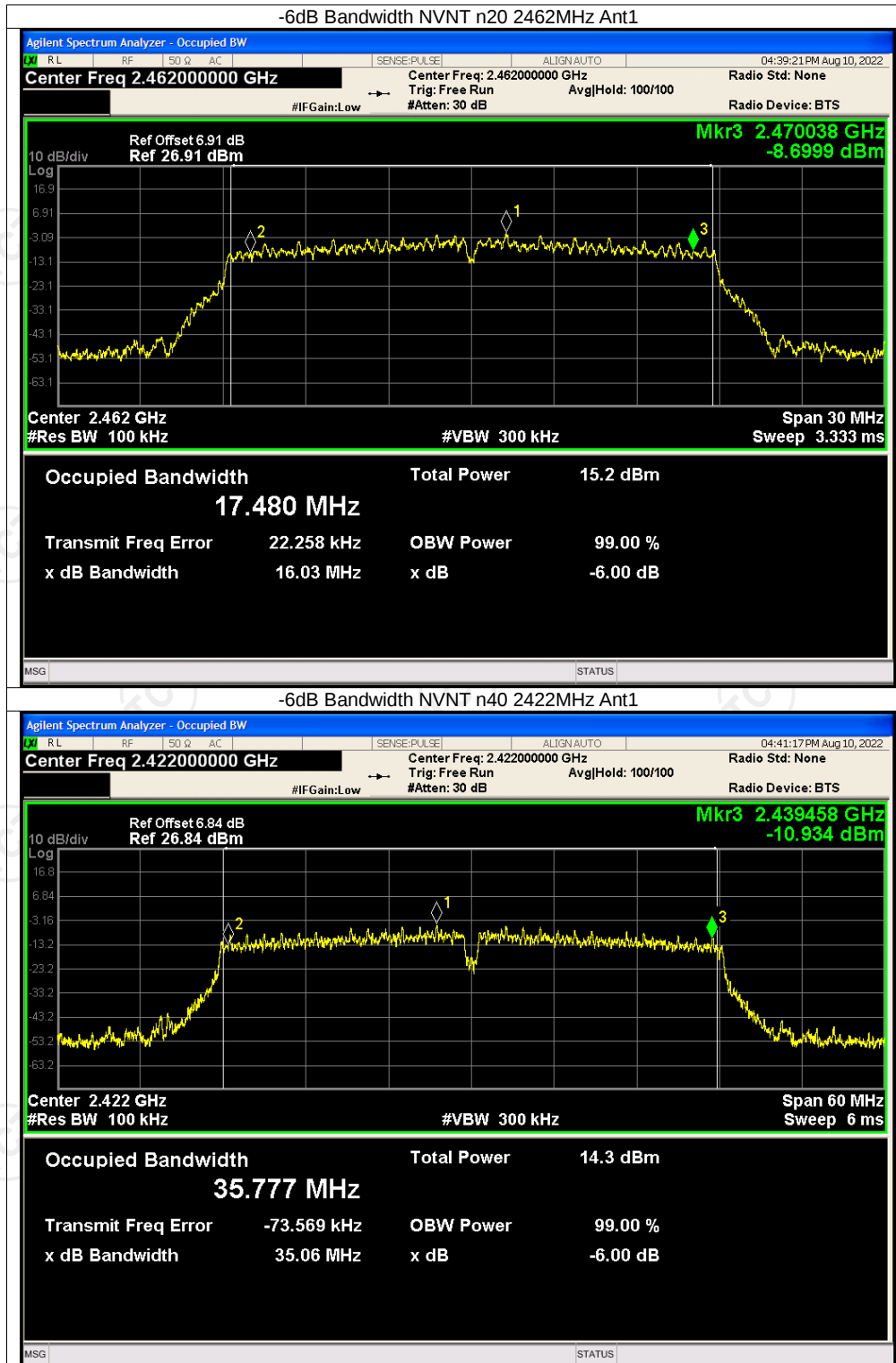
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.542	0.5	Pass
NVNT	b	2437	Ant1	9.297	0.5	Pass
NVNT	b	2462	Ant1	9.063	0.5	Pass
NVNT	g	2412	Ant1	15.103	0.5	Pass
NVNT	g	2437	Ant1	15.617	0.5	Pass
NVNT	g	2462	Ant1	15.103	0.5	Pass
NVNT	n20	2412	Ant1	16.009	0.5	Pass
NVNT	n20	2437	Ant1	15.960	0.5	Pass
NVNT	n20	2462	Ant1	16.032	0.5	Pass
NVNT	n40	2422	Ant1	35.063	0.5	Pass
NVNT	n40	2437	Ant1	35.086	0.5	Pass
NVNT	n40	2452	Ant1	35.094	0.5	Pass

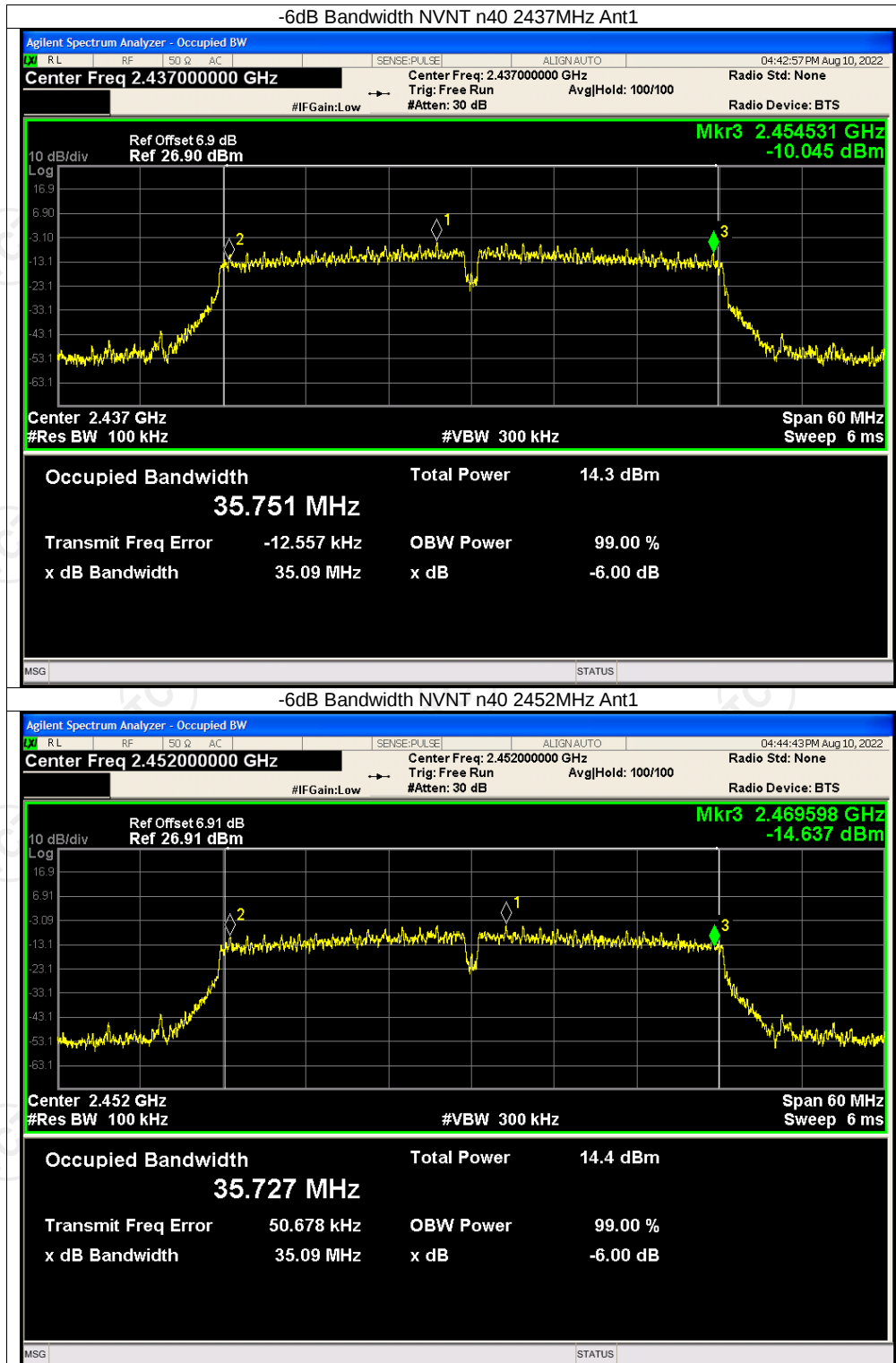








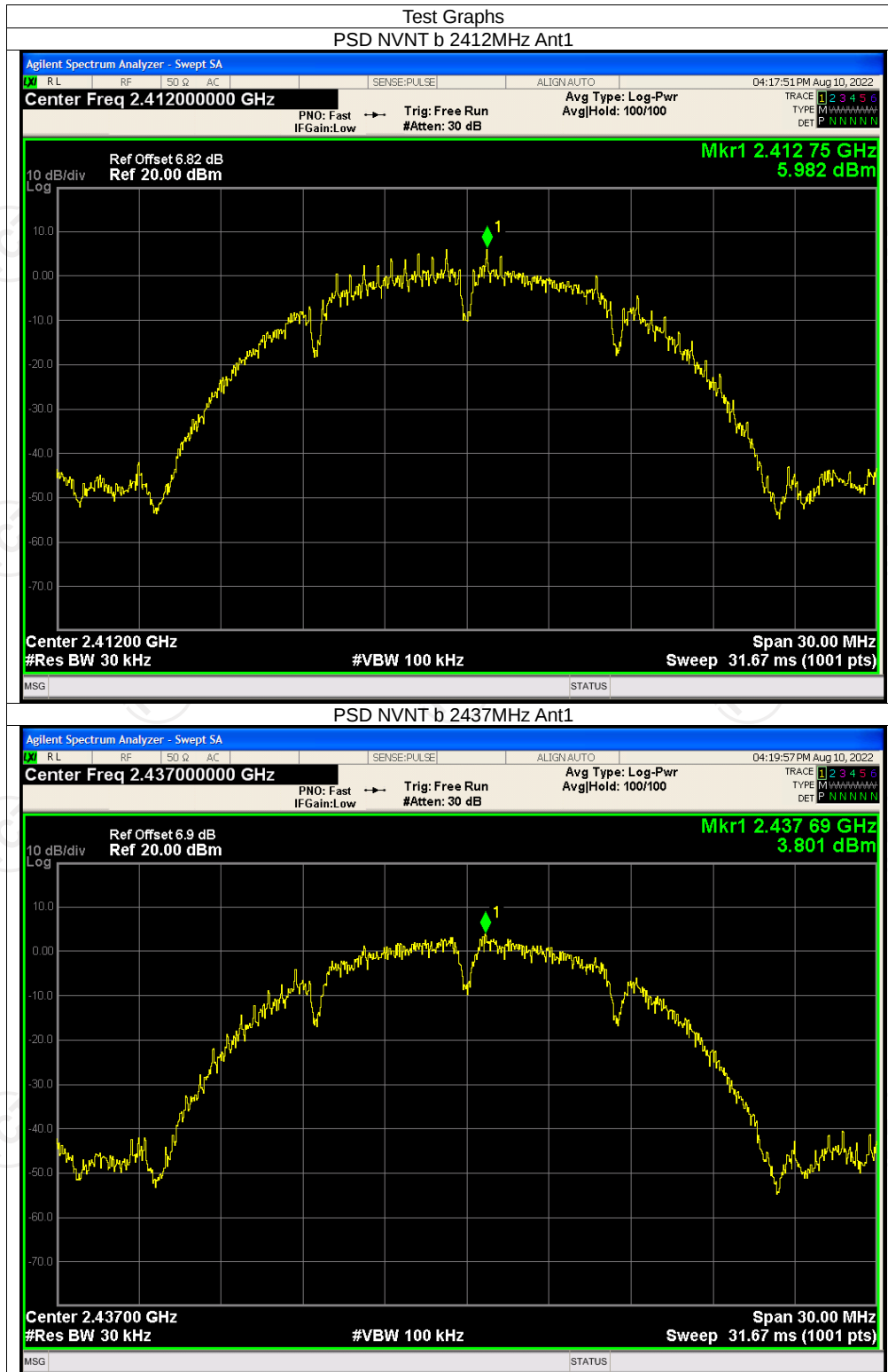


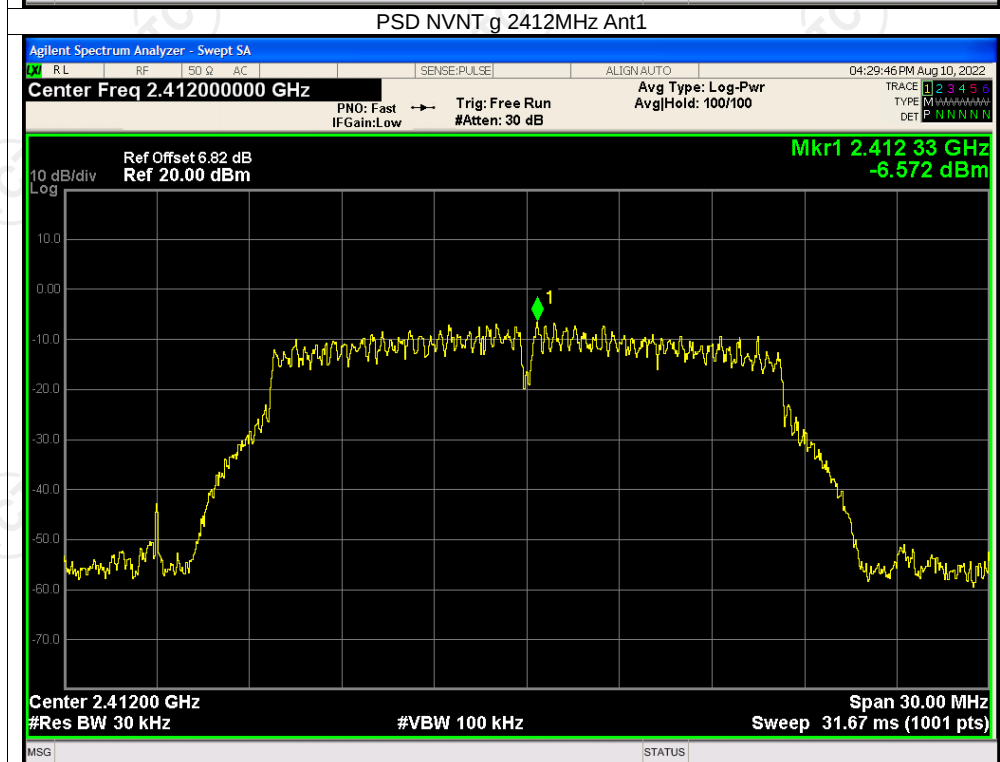
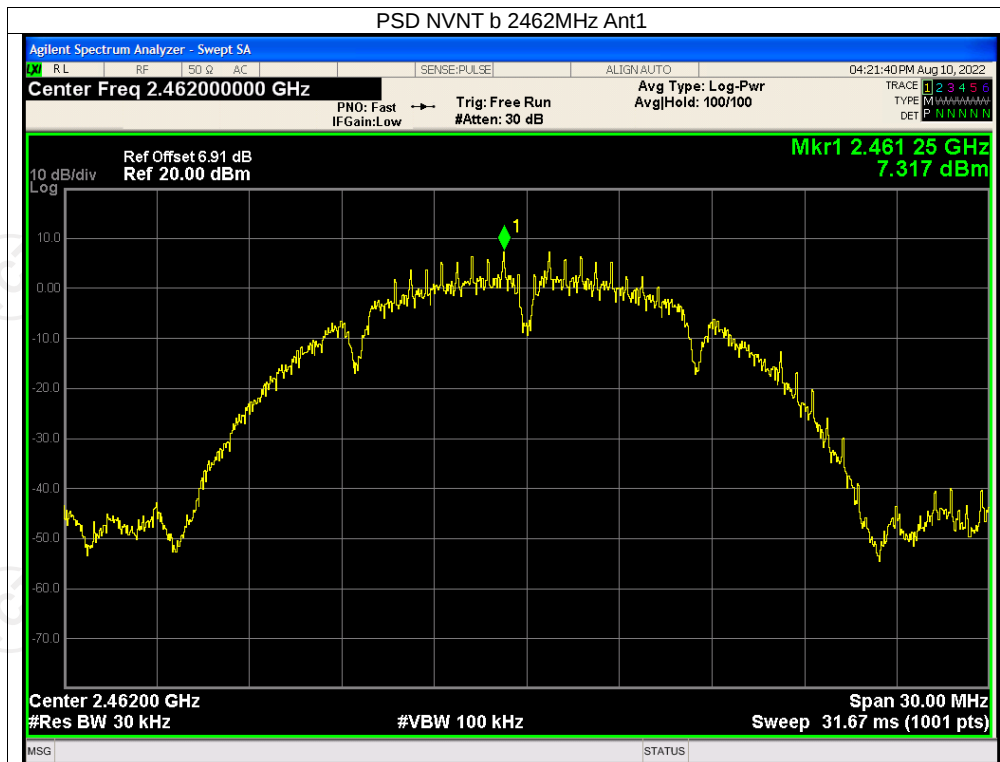


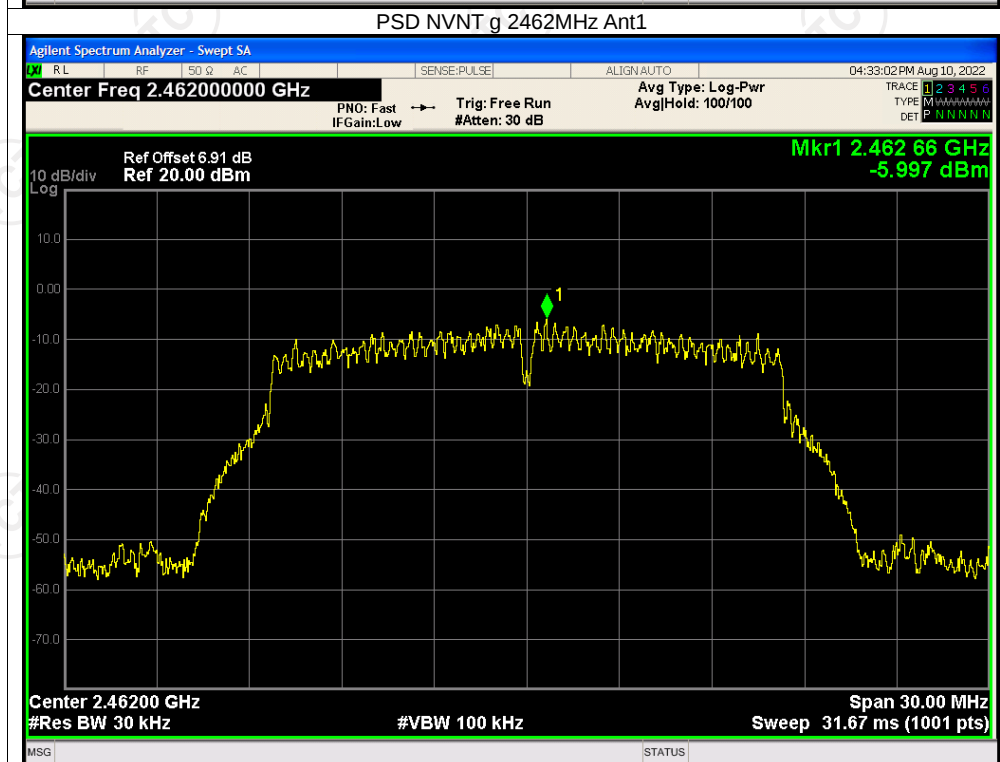
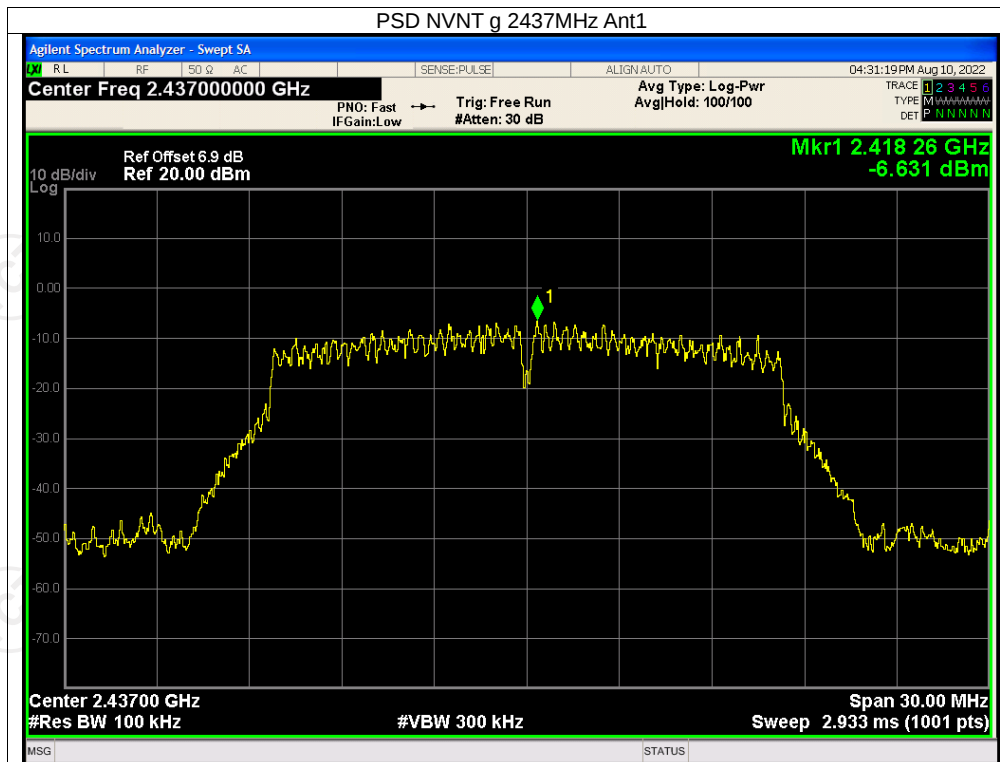
Maximum Power Spectral Density Level

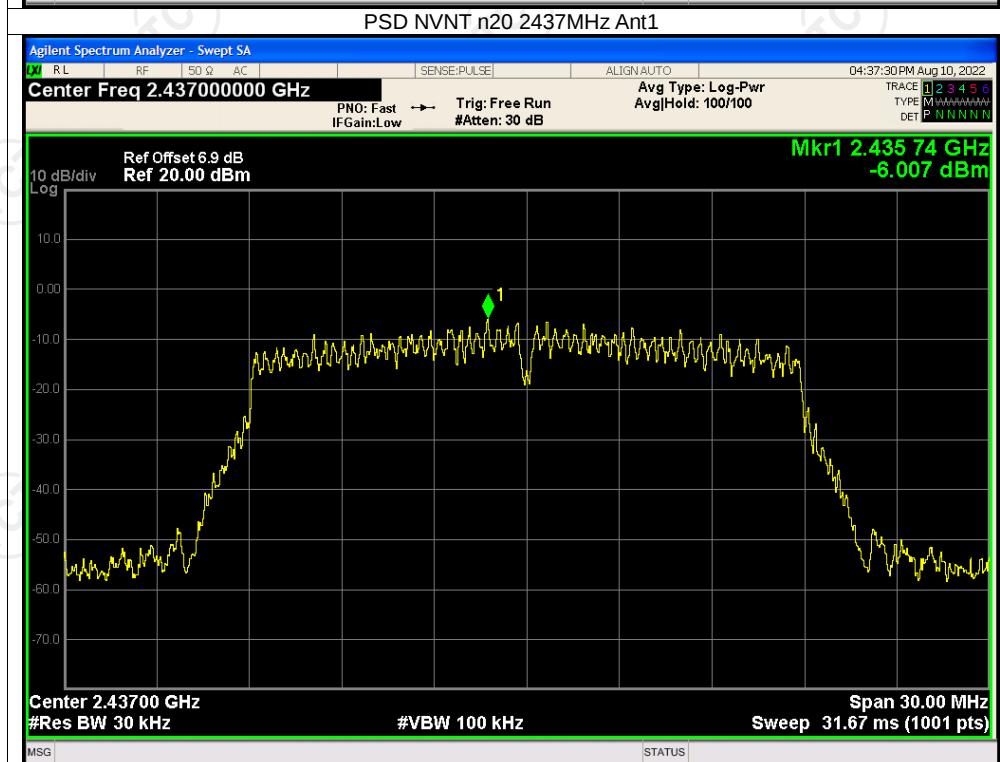
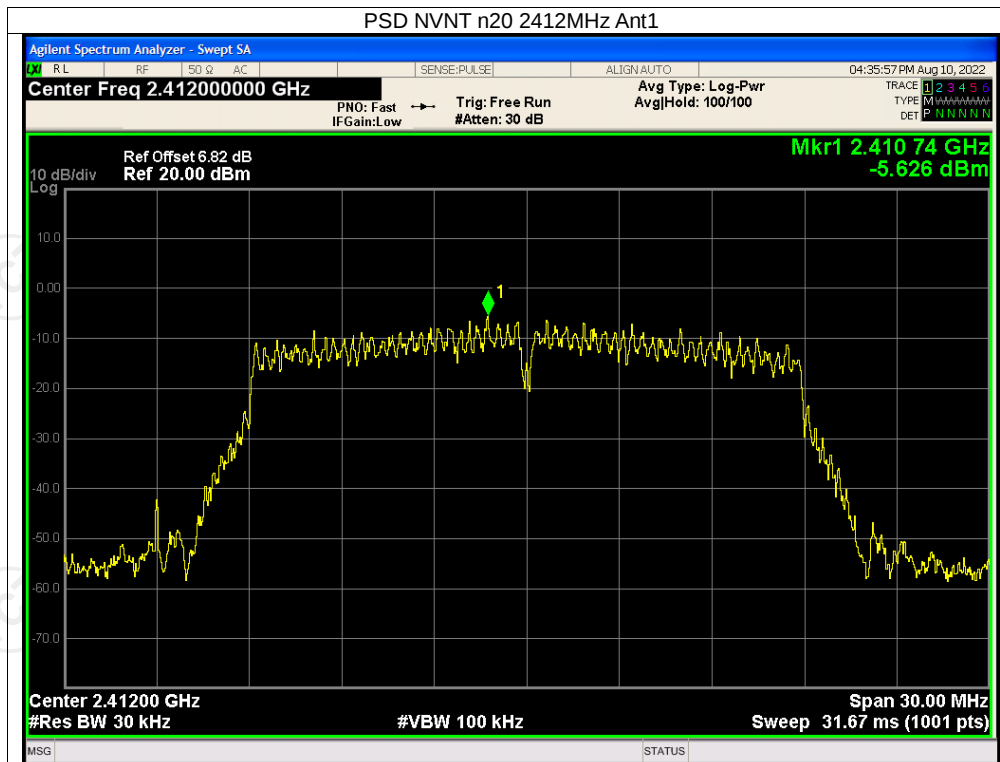
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/30kHz)	Duty Factor (dB)	Total PSD (dBm/30kHz)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	5.98	0	5.98	-4.02	8	Pass
NVNT	b	2437	Ant1	3.80	0	3.80	-6.20	8	Pass
NVNT	b	2462	Ant1	7.32	0	7.32	-2.68	8	Pass
NVNT	g	2412	Ant1	-6.57	0	-6.57	-16.57	8	Pass
NVNT	g	2437	Ant1	-6.63	0	-6.63	-16.63	8	Pass
NVNT	g	2462	Ant1	-6.00	0	-6.00	-16.00	8	Pass
NVNT	n20	2412	Ant1	-5.63	0	-5.63	-15.63	8	Pass
NVNT	n20	2437	Ant1	-6.01	0	-6.01	-16.01	8	Pass
NVNT	n20	2462	Ant1	-5.65	0	-5.65	-15.65	8	Pass
NVNT	n40	2422	Ant1	-5.24	0.13	-5.11	-15.11	8	Pass
NVNT	n40	2437	Ant1	-5.23	0.13	-5.10	-15.10	8	Pass
NVNT	n40	2452	Ant1	-5.12	0.13	-4.99	-14.99	8	Pass

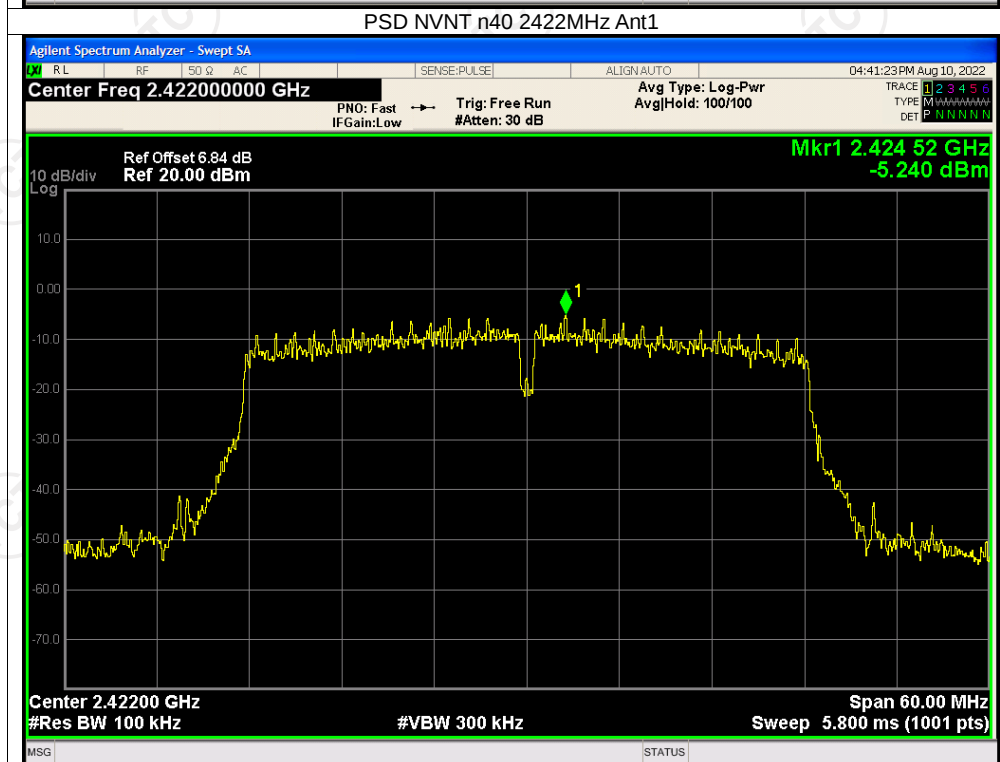
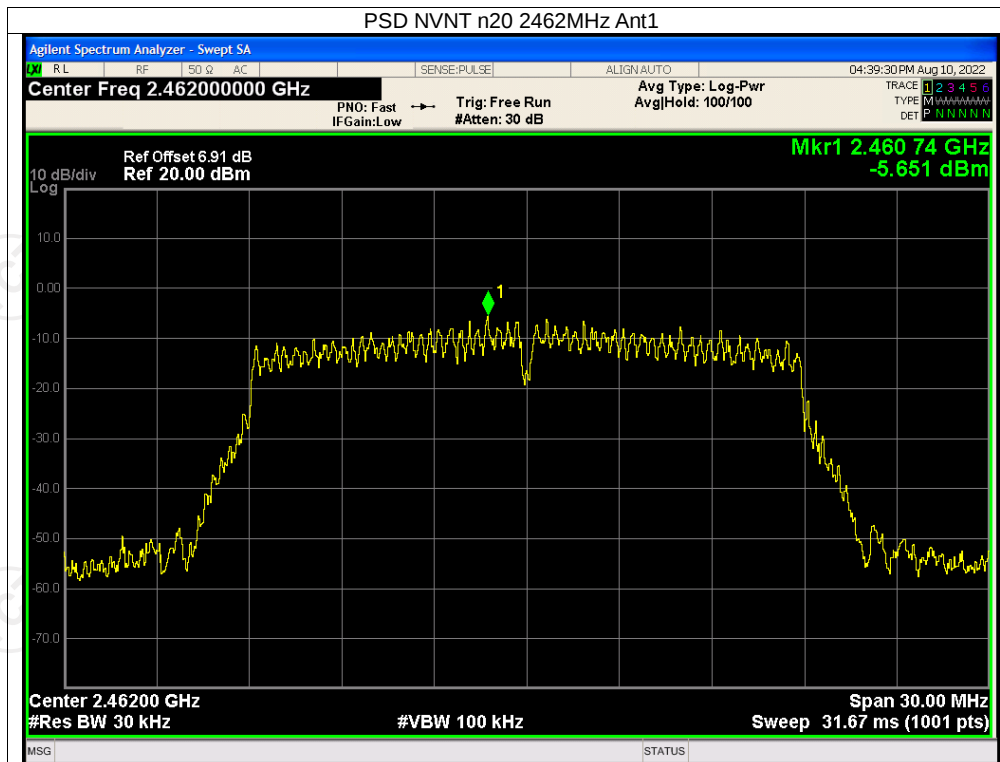
Note: Total PSD (dBm/3kHz) = Total PSD (dBm/30kHz) +10log(3kHz/30kHz)

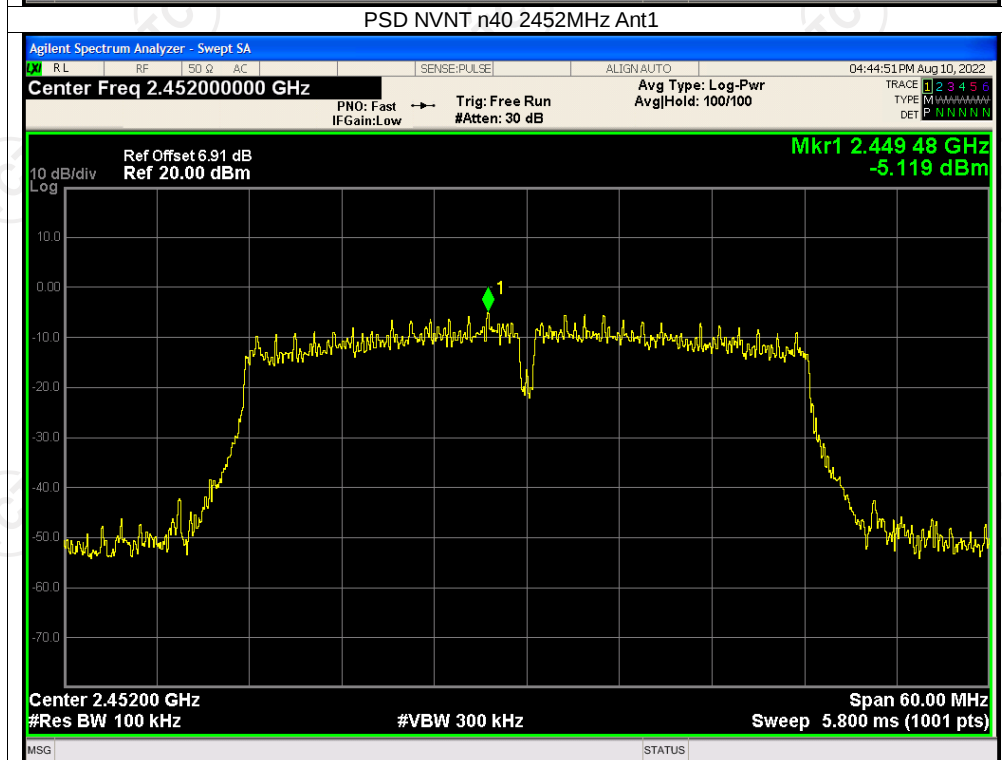
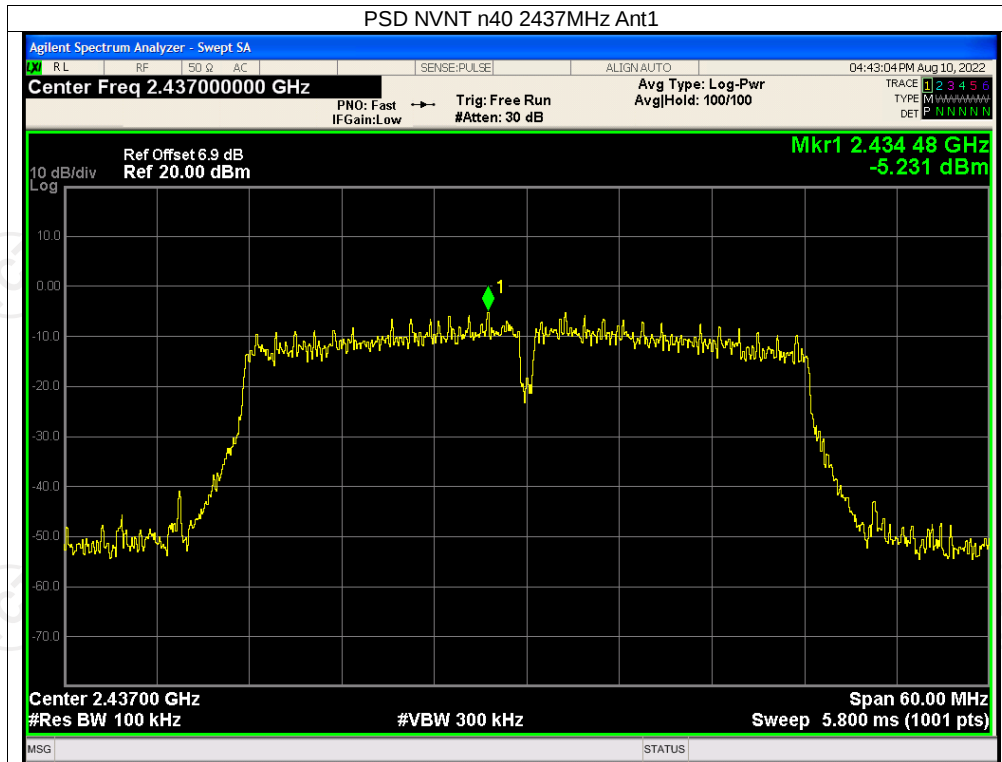






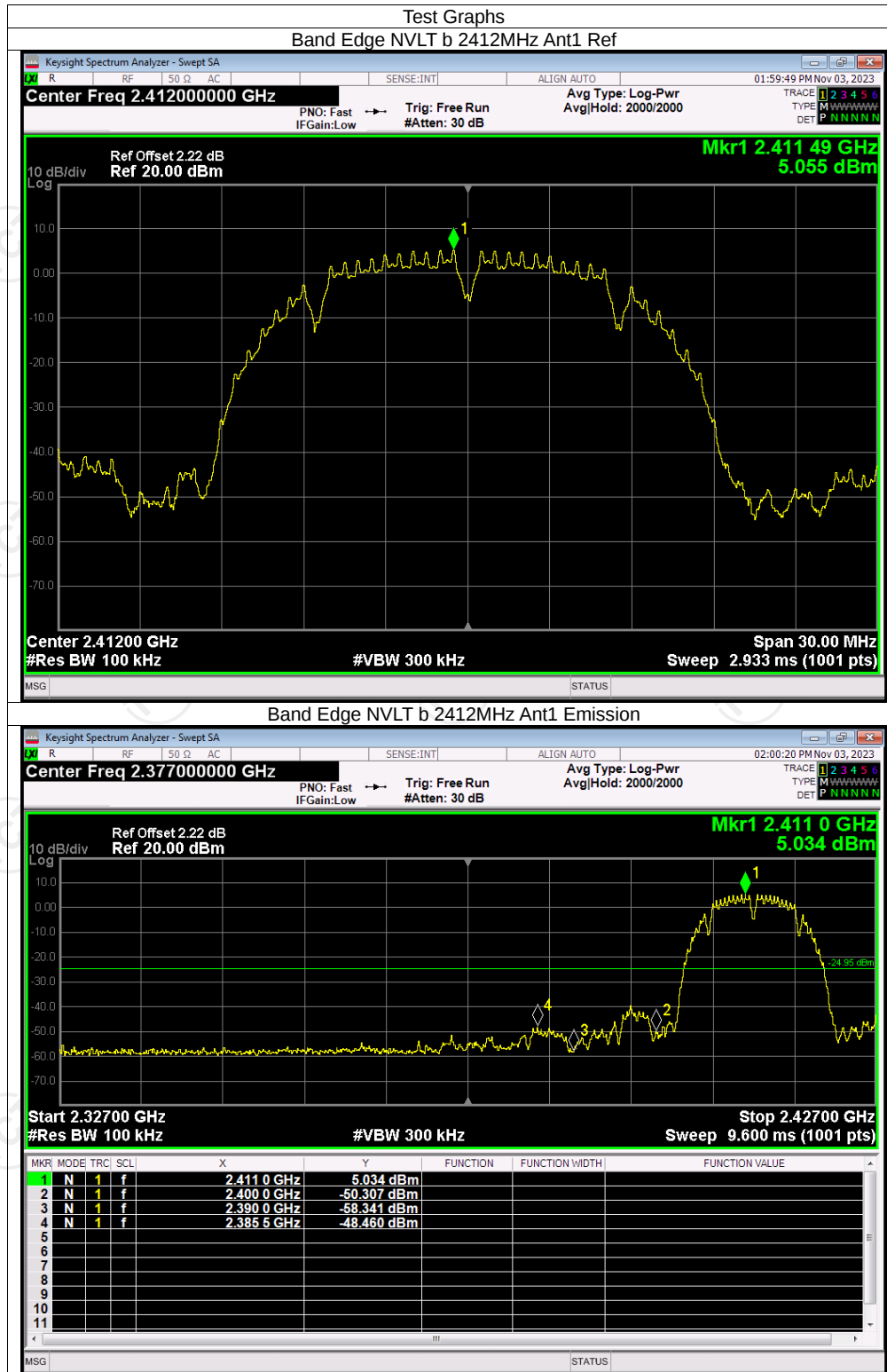


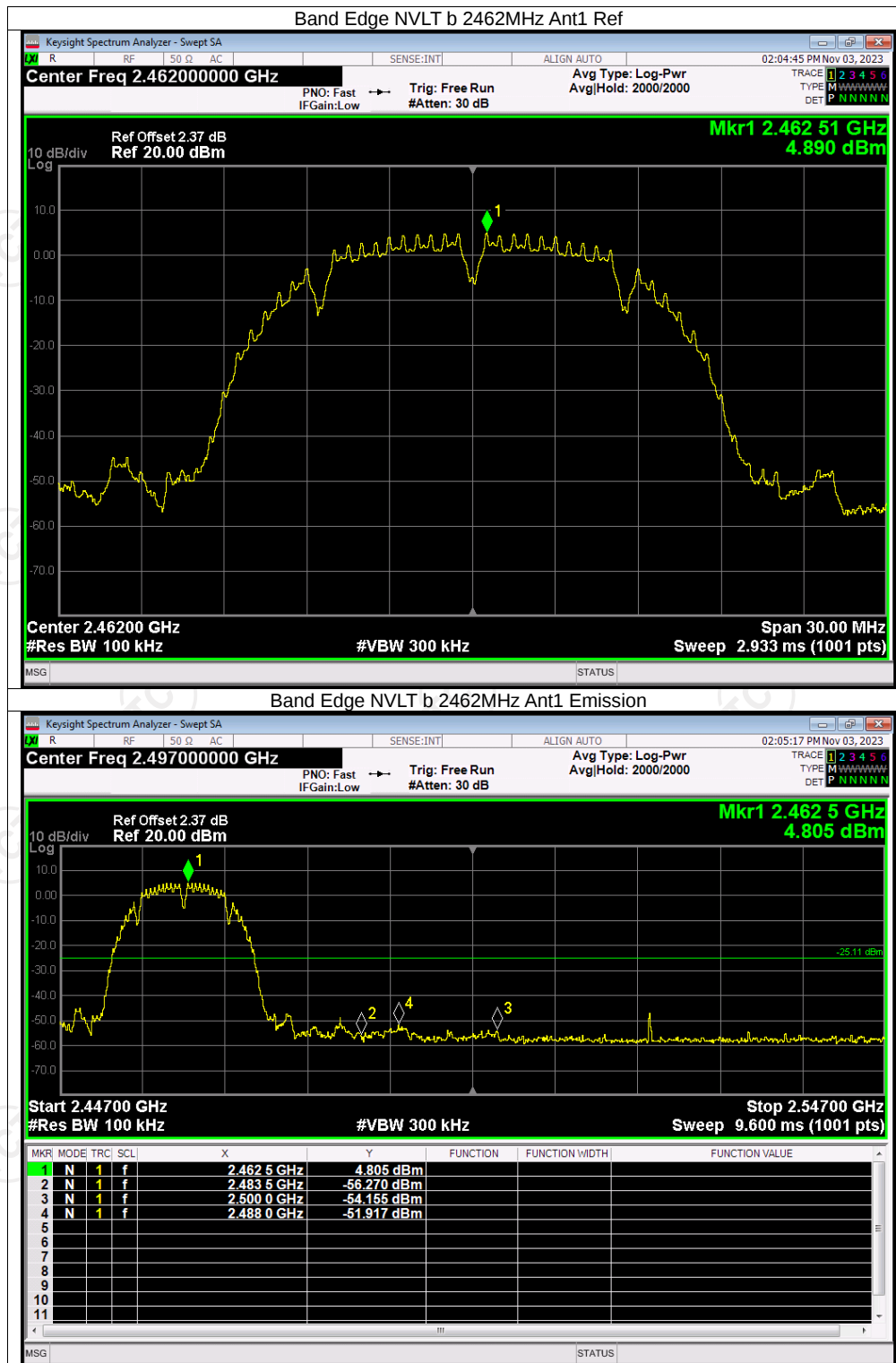


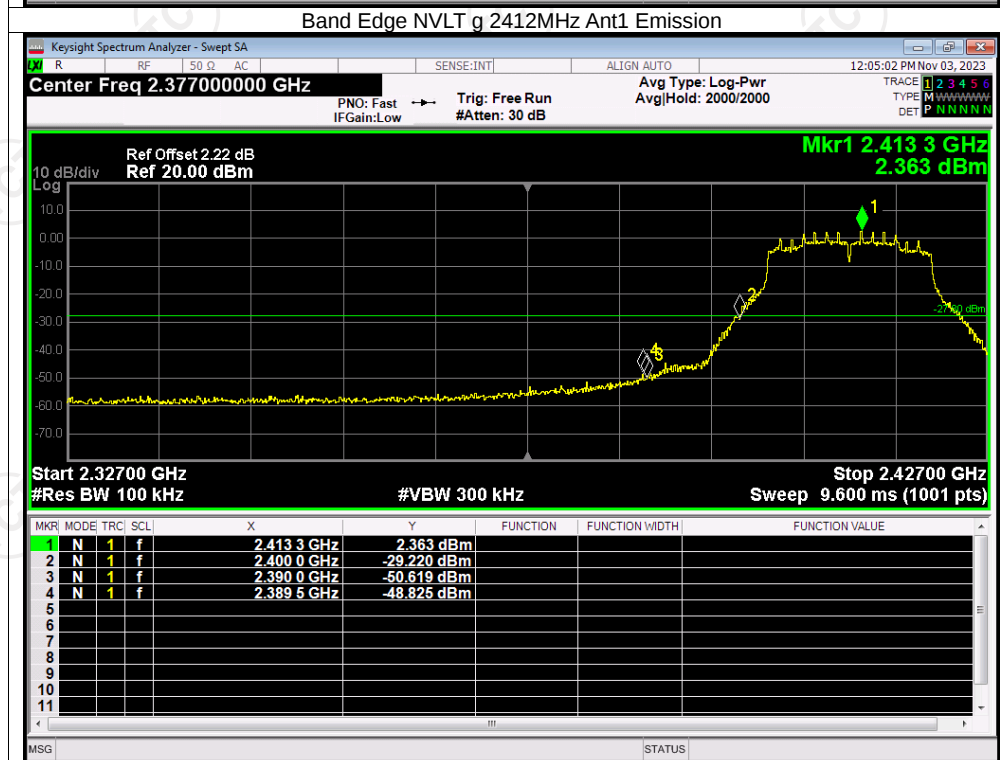
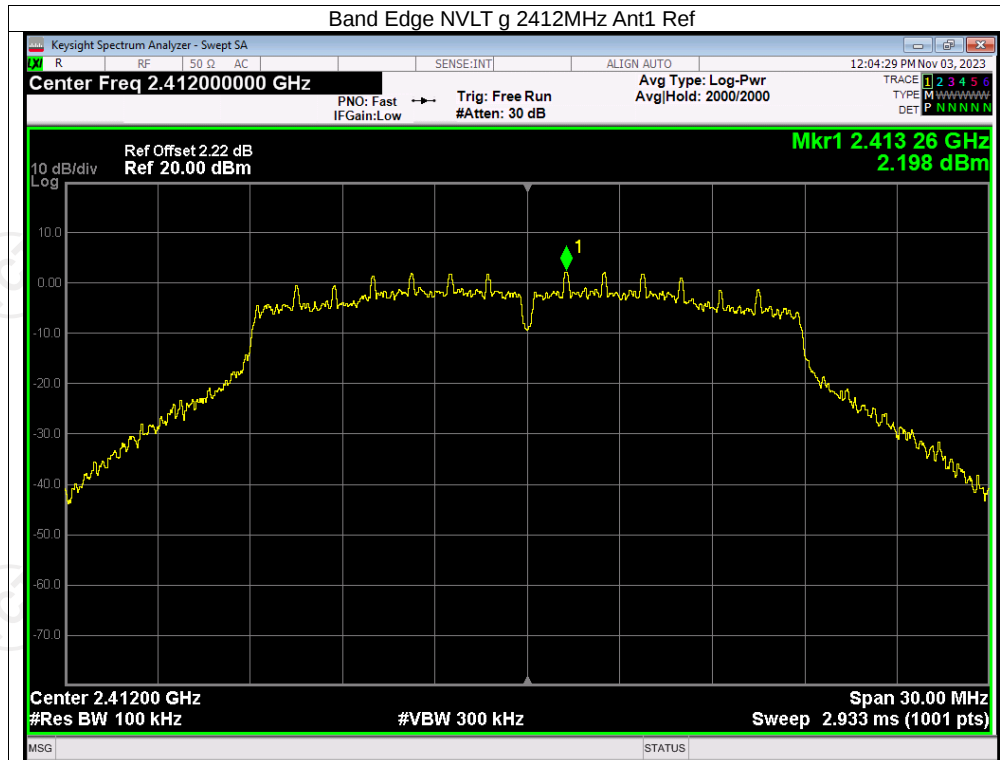


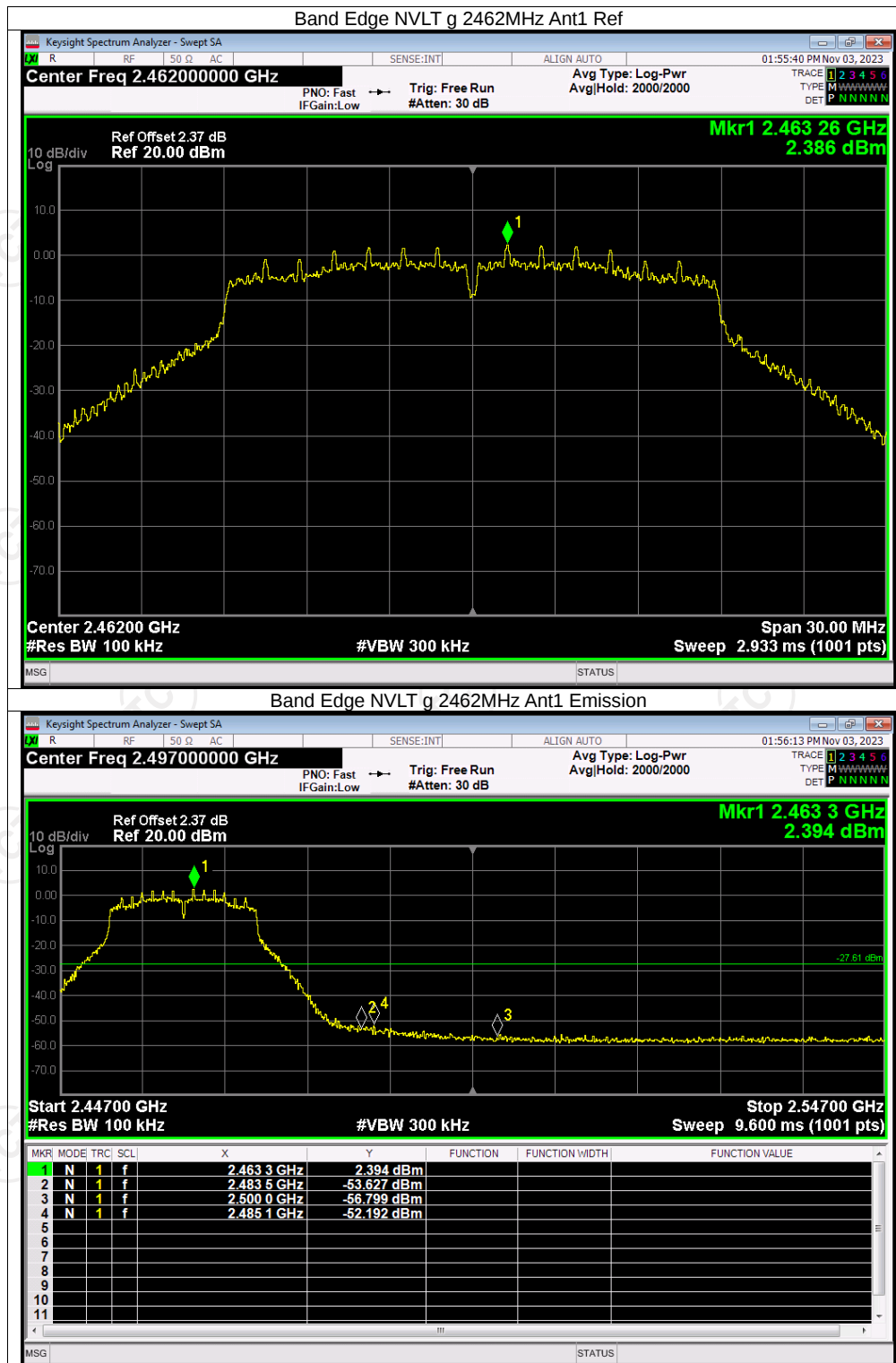
Band Edge

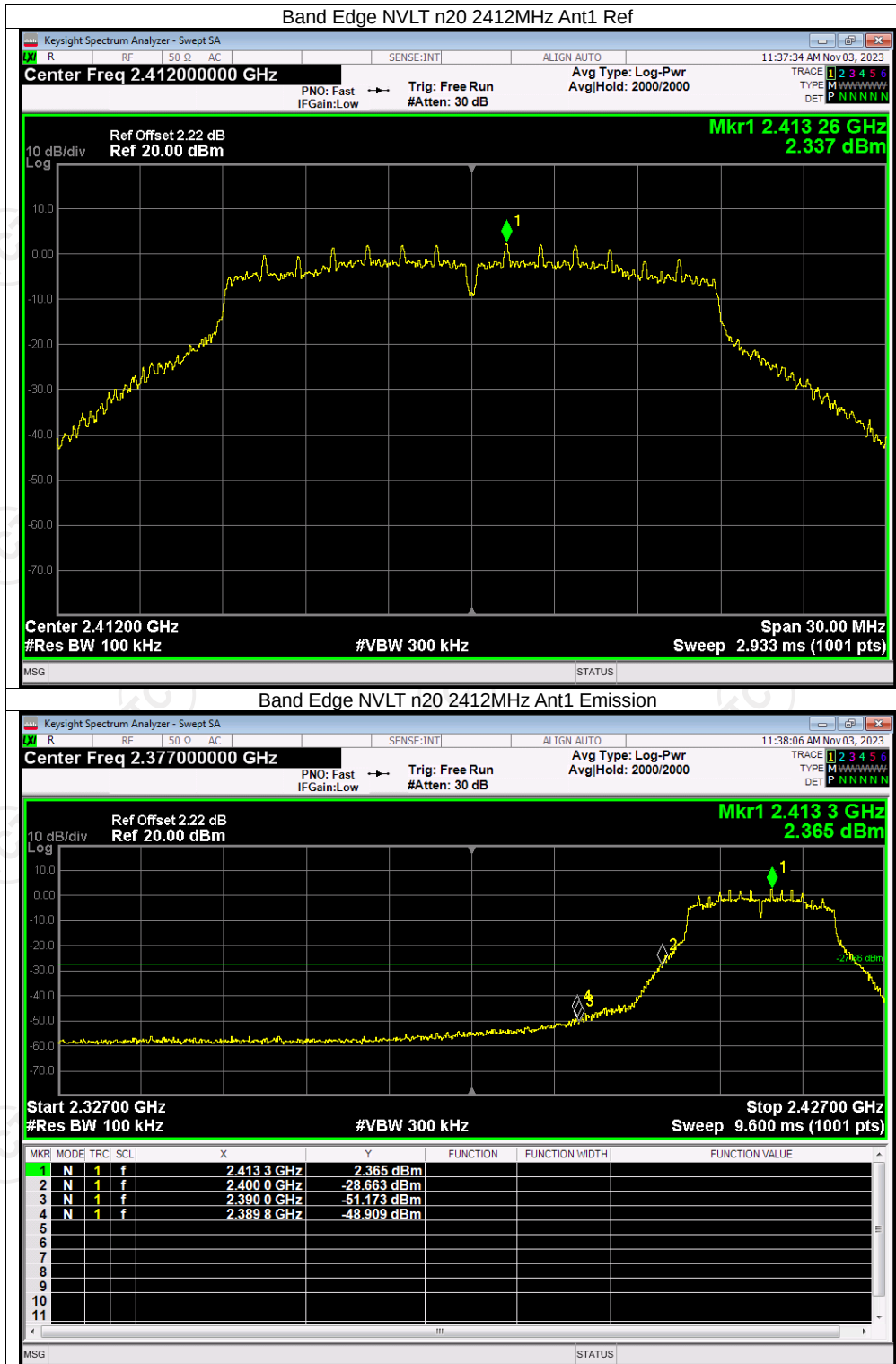
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-53.51	-30	Pass
NVNT	b	2462	Ant1	-56.8	-30	Pass
NVNT	g	2412	Ant1	-51.02	-30	Pass
NVNT	g	2462	Ant1	-54.58	-30	Pass
NVNT	n20	2412	Ant1	-51.24	-30	Pass
NVNT	n20	2462	Ant1	-54.39	-30	Pass
NVNT	n40	2422	Ant1	-37.82	-30	Pass
NVNT	n40	2452	Ant1	-36.32	-30	Pass

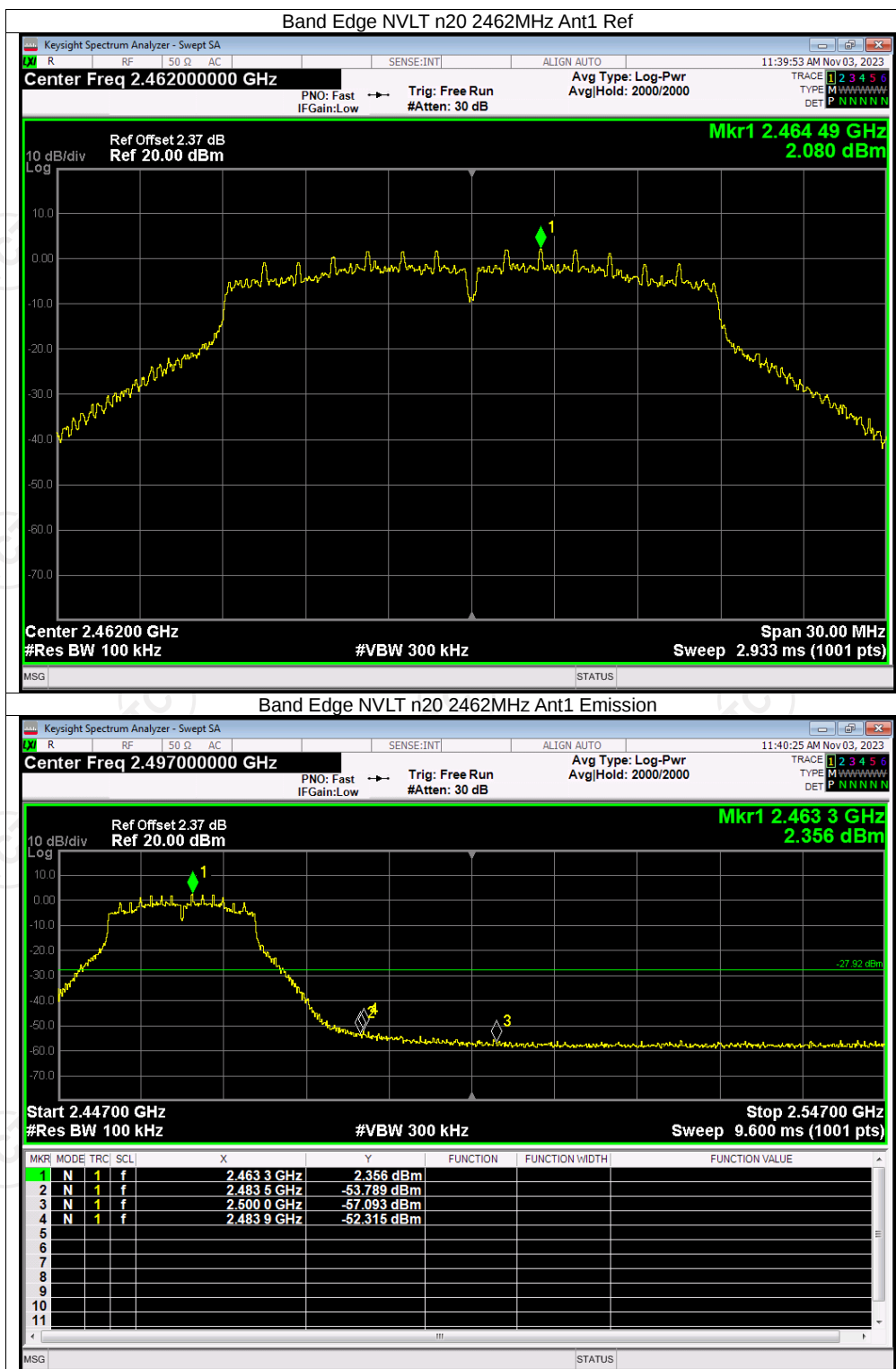


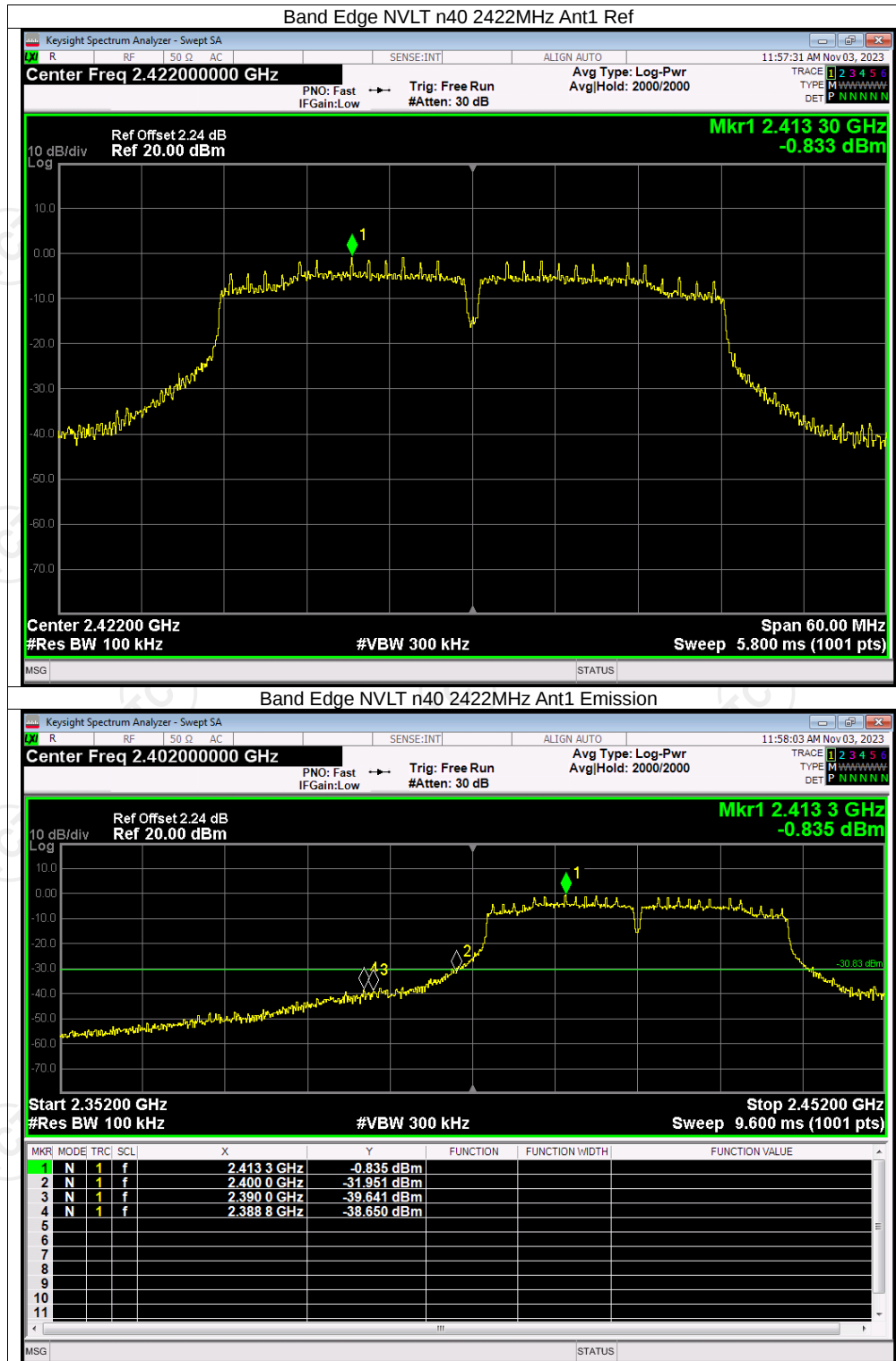


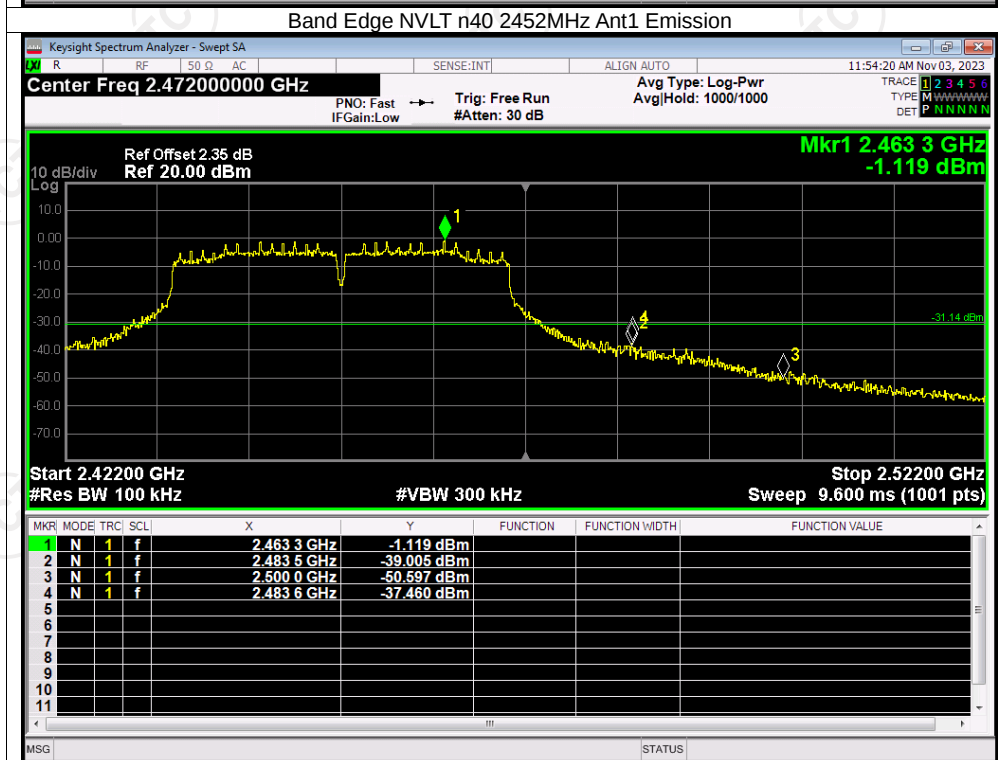
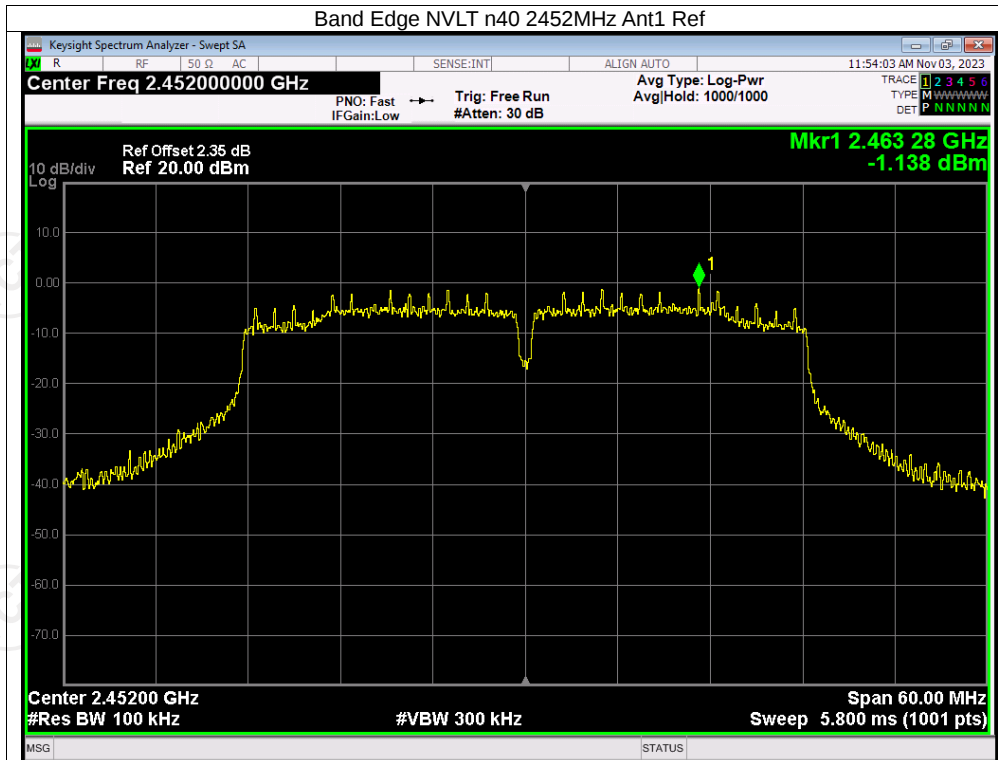






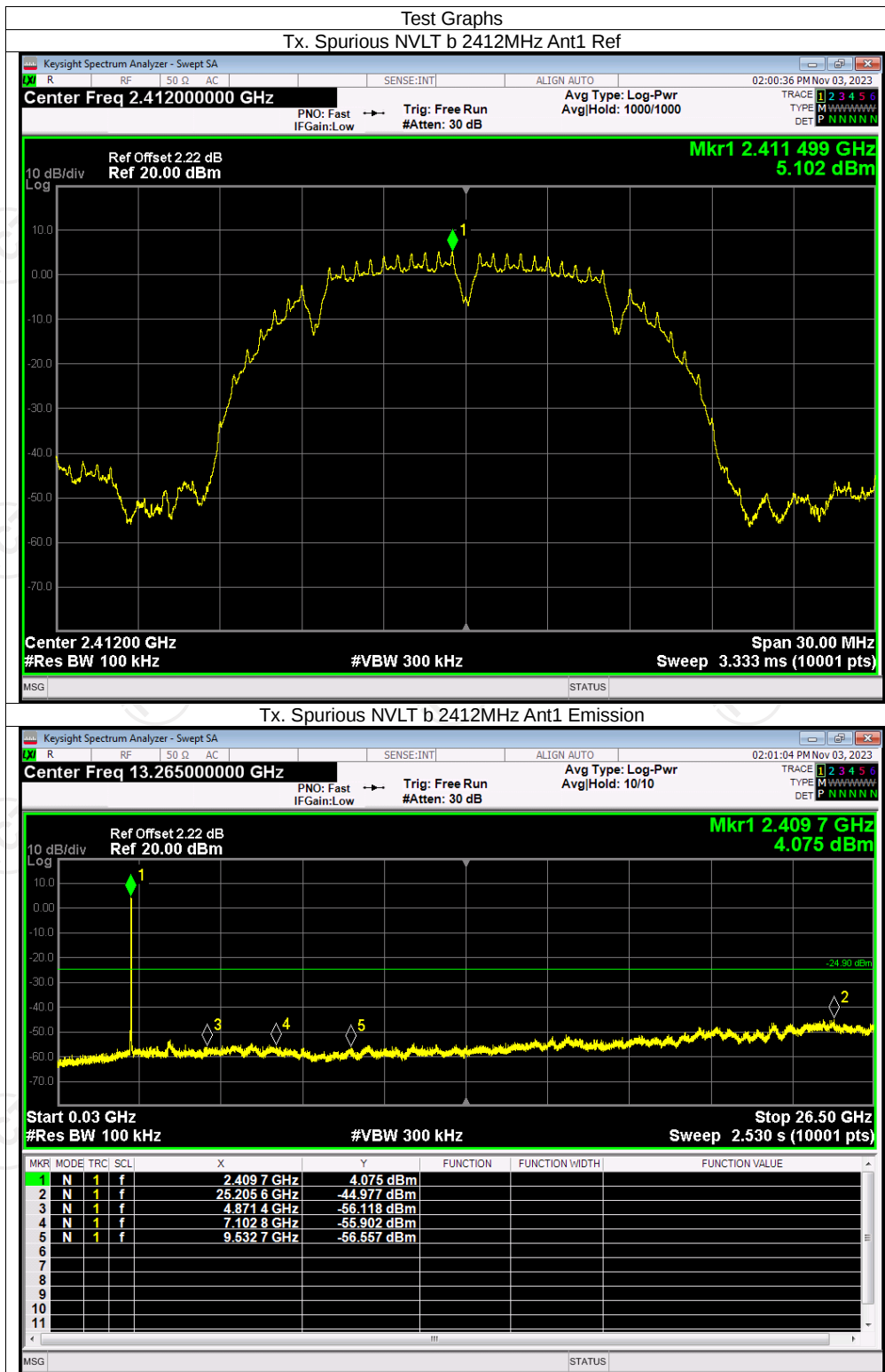


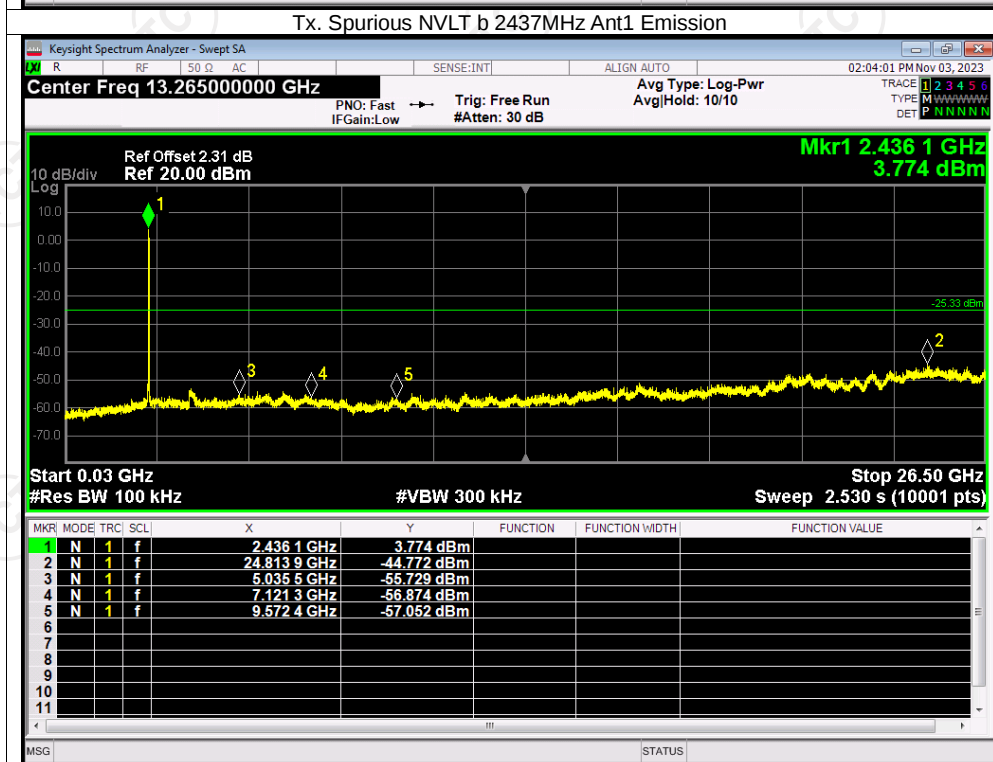
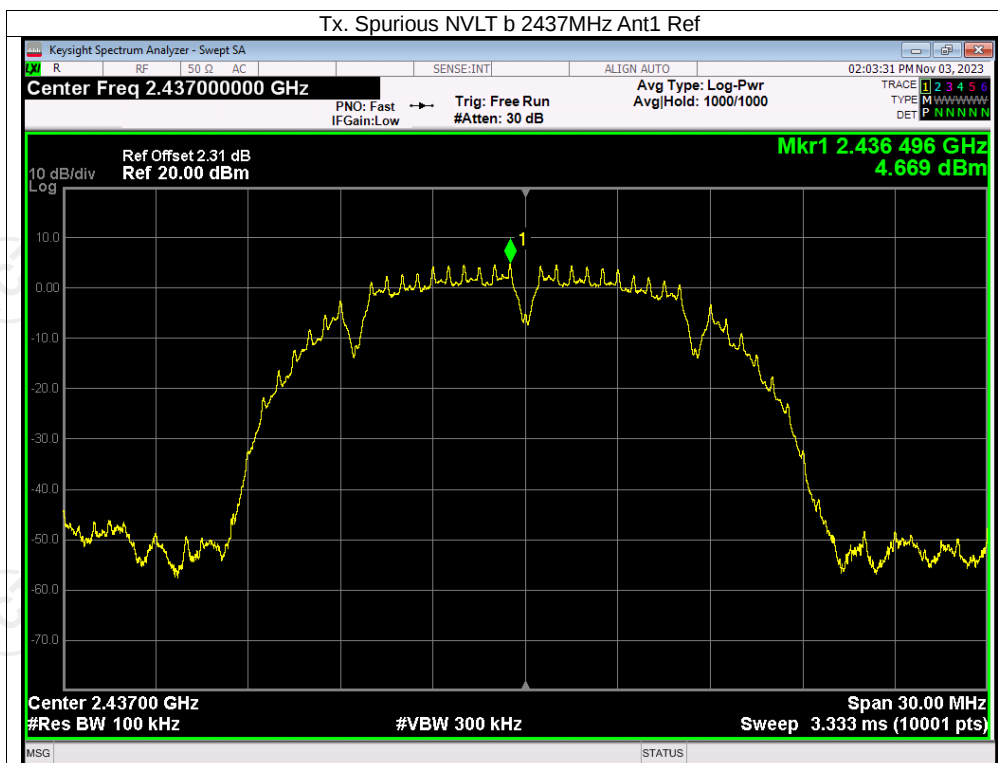


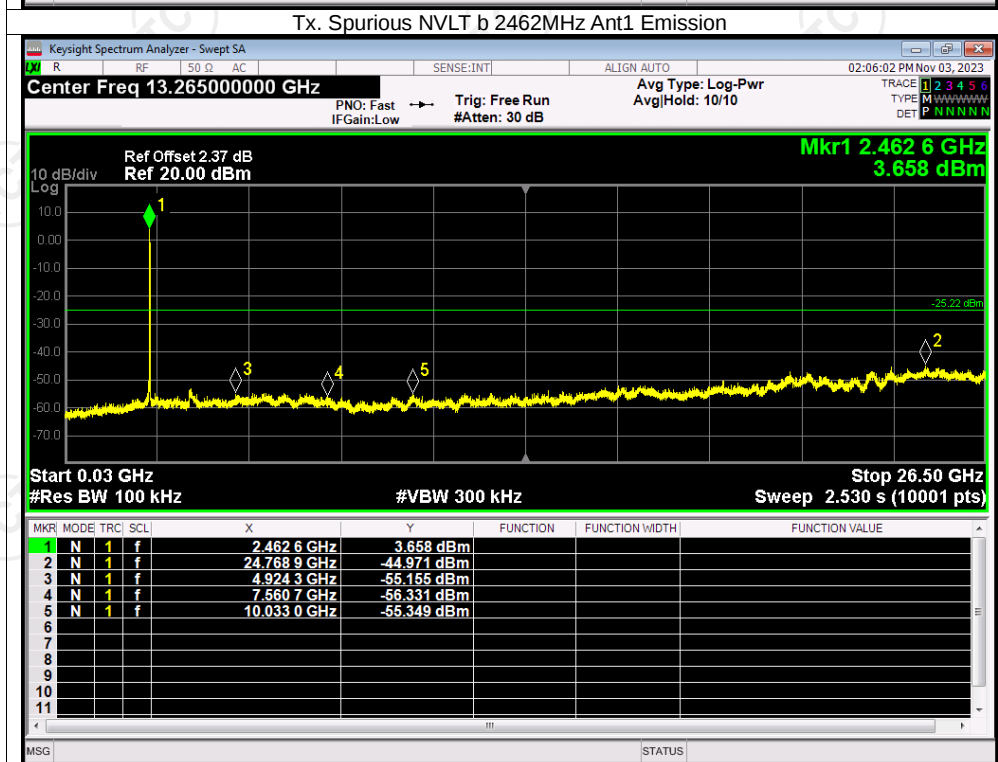
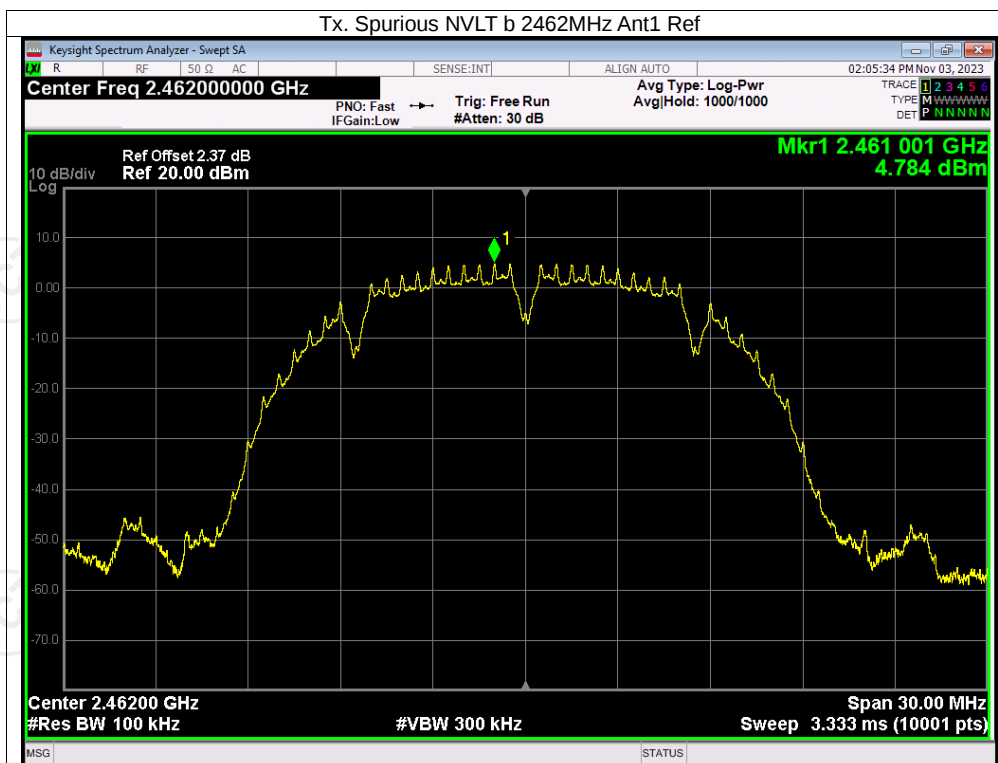


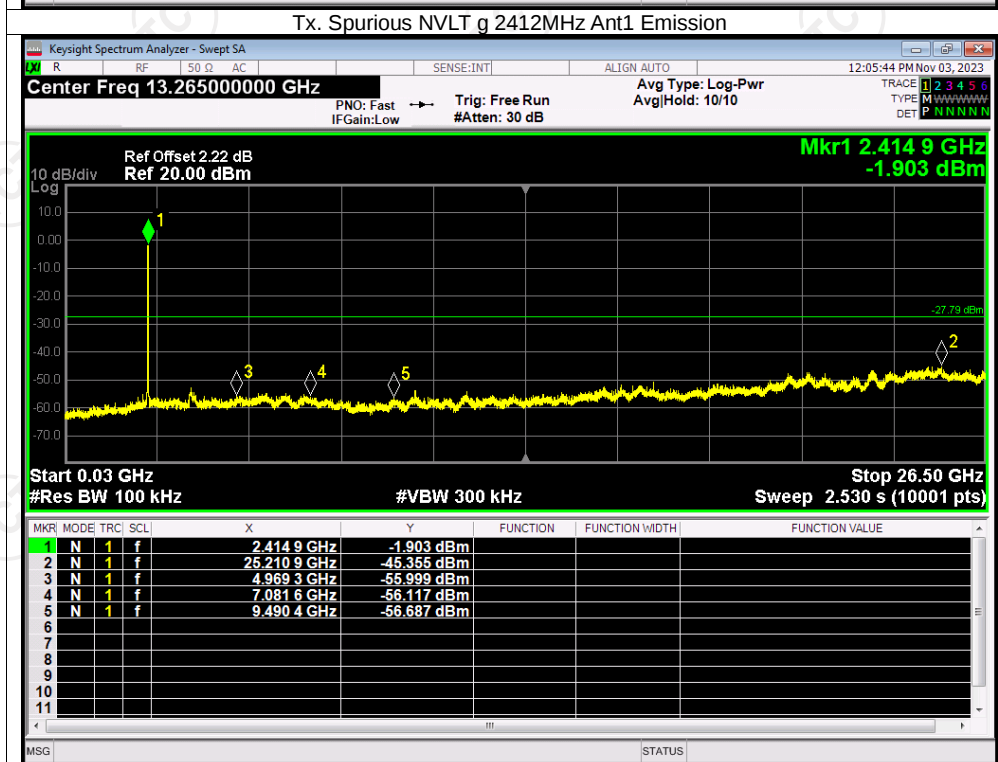
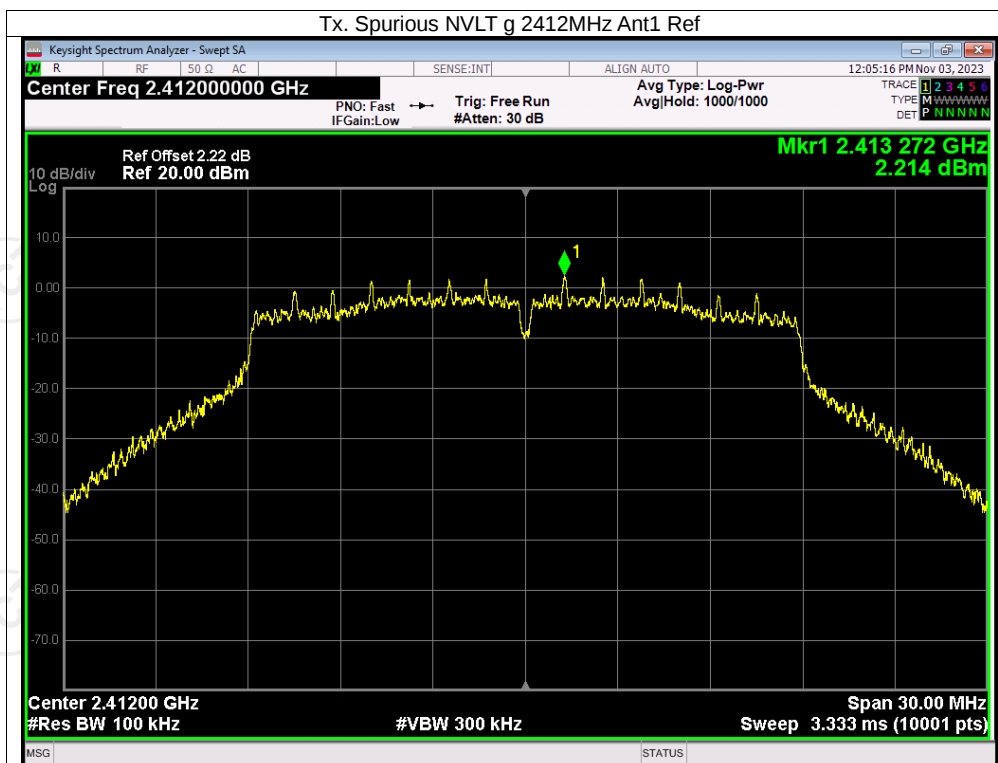
Conducted RF Spurious Emission

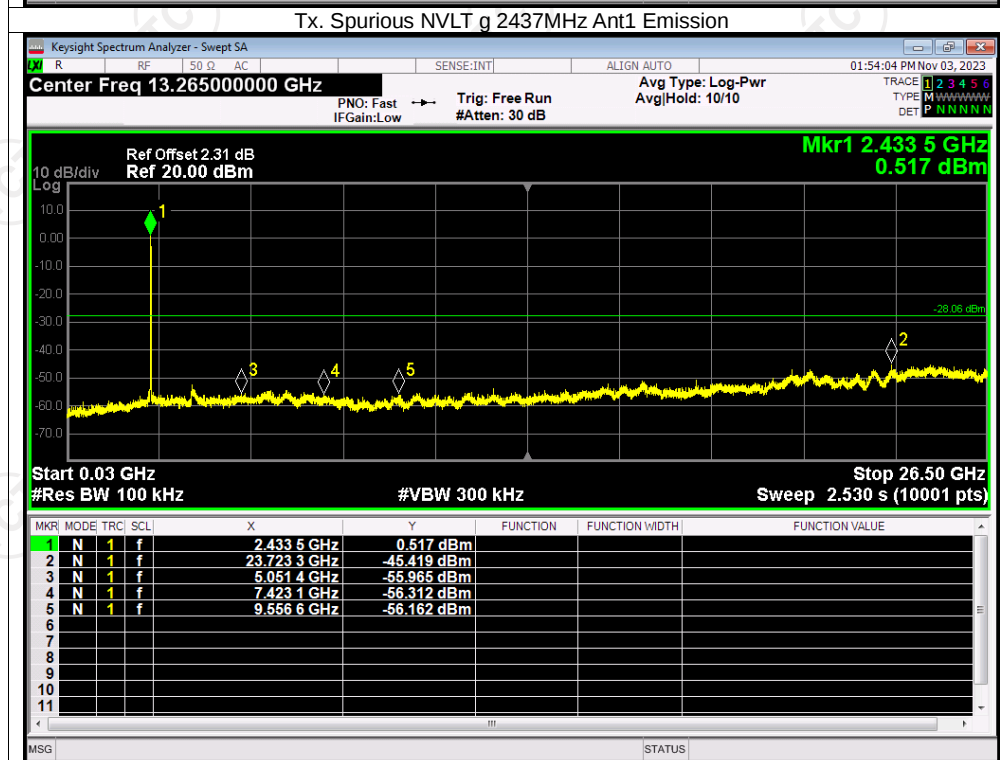
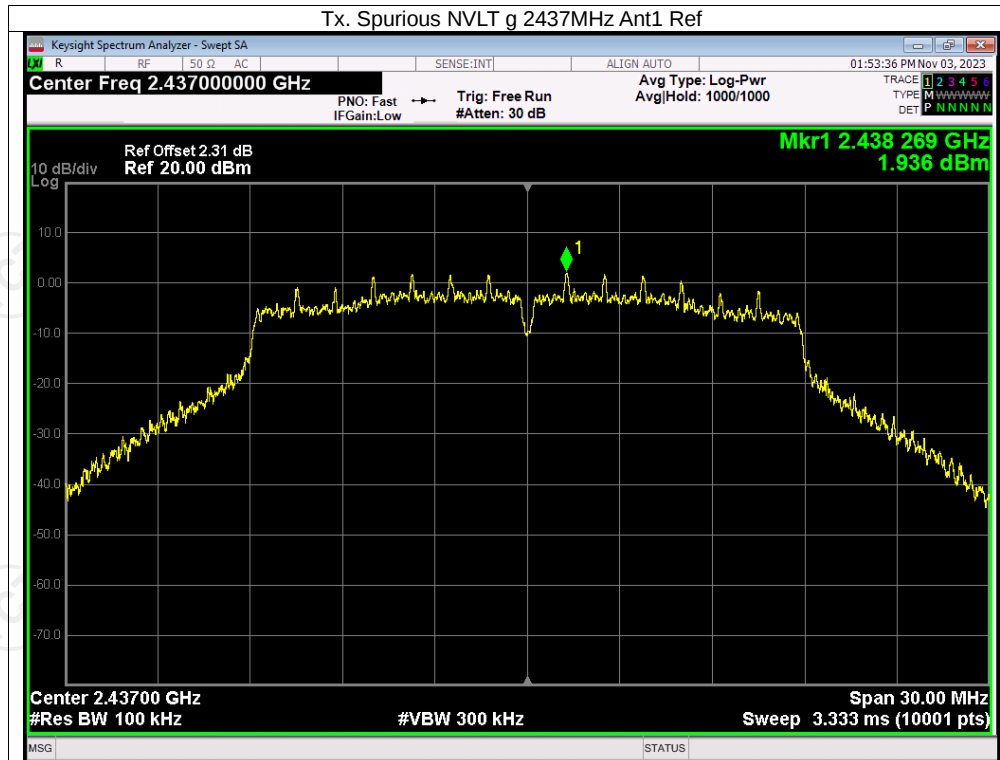
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-50.07	-30	Pass
NVNT	b	2437	Ant1	-49.44	-30	Pass
NVNT	b	2462	Ant1	-49.75	-30	Pass
NVNT	g	2412	Ant1	-47.56	-30	Pass
NVNT	g	2437	Ant1	-47.35	-30	Pass
NVNT	g	2462	Ant1	-47.30	-30	Pass
NVNT	n20	2412	Ant1	-46.71	-30	Pass
NVNT	n20	2437	Ant1	-46.80	-30	Pass
NVNT	n20	2462	Ant1	-46.36	-30	Pass
NVNT	n40	2422	Ant1	-44.67	-30	Pass
NVNT	n40	2437	Ant1	-43.51	-30	Pass
NVNT	n40	2452	Ant1	-44.41	-30	Pass

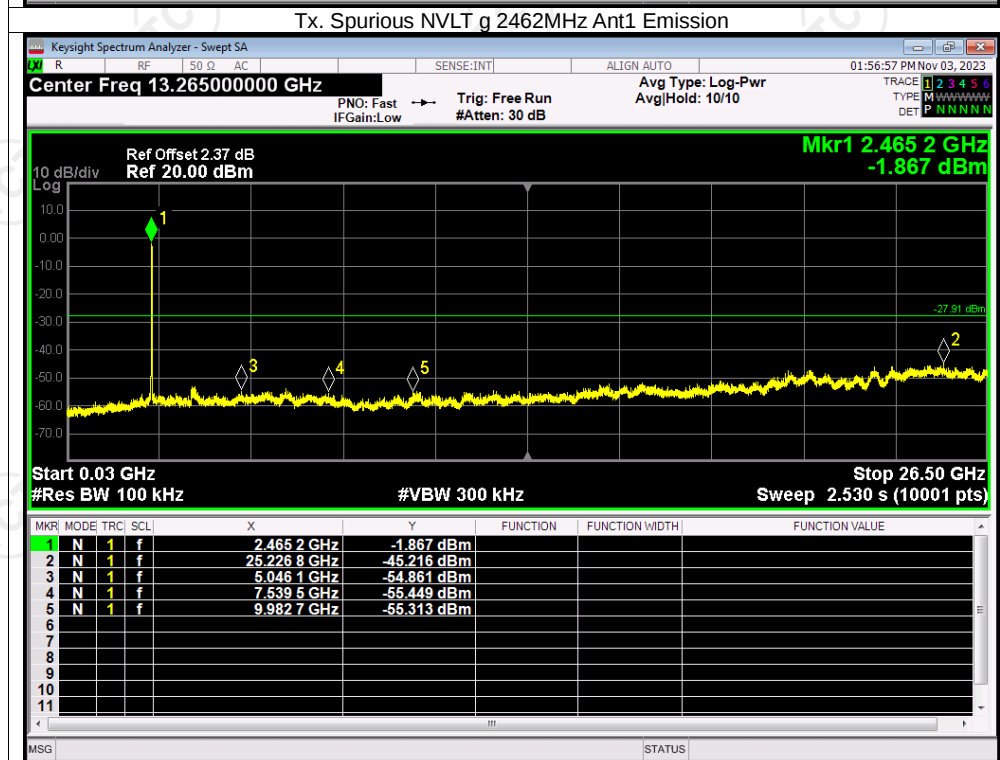
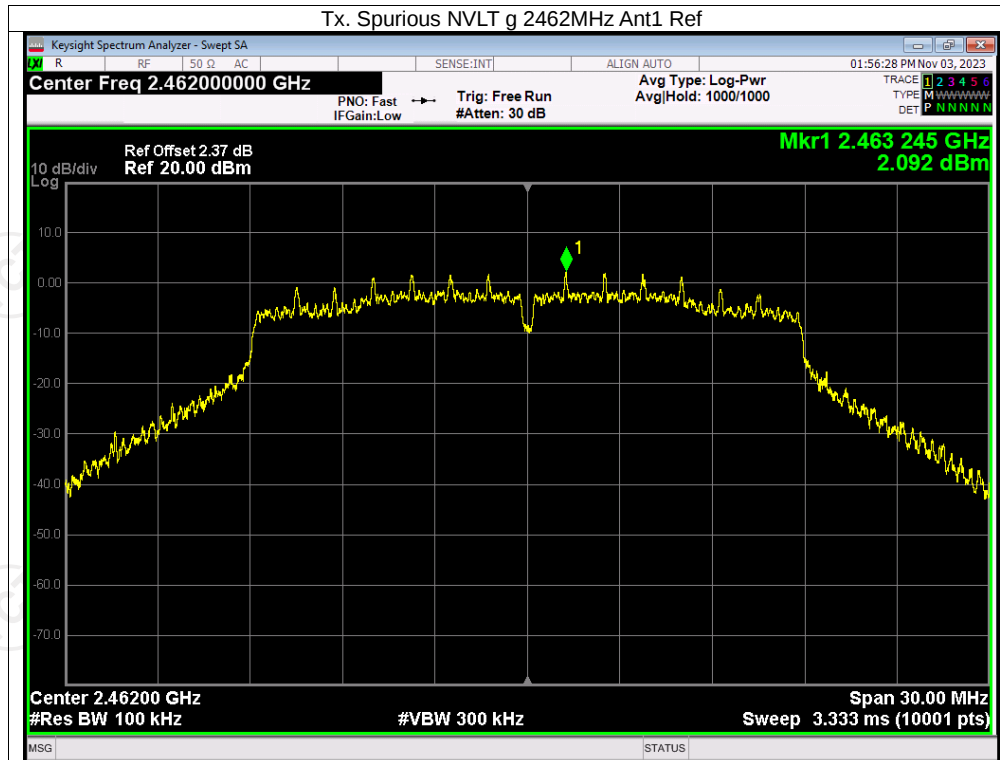


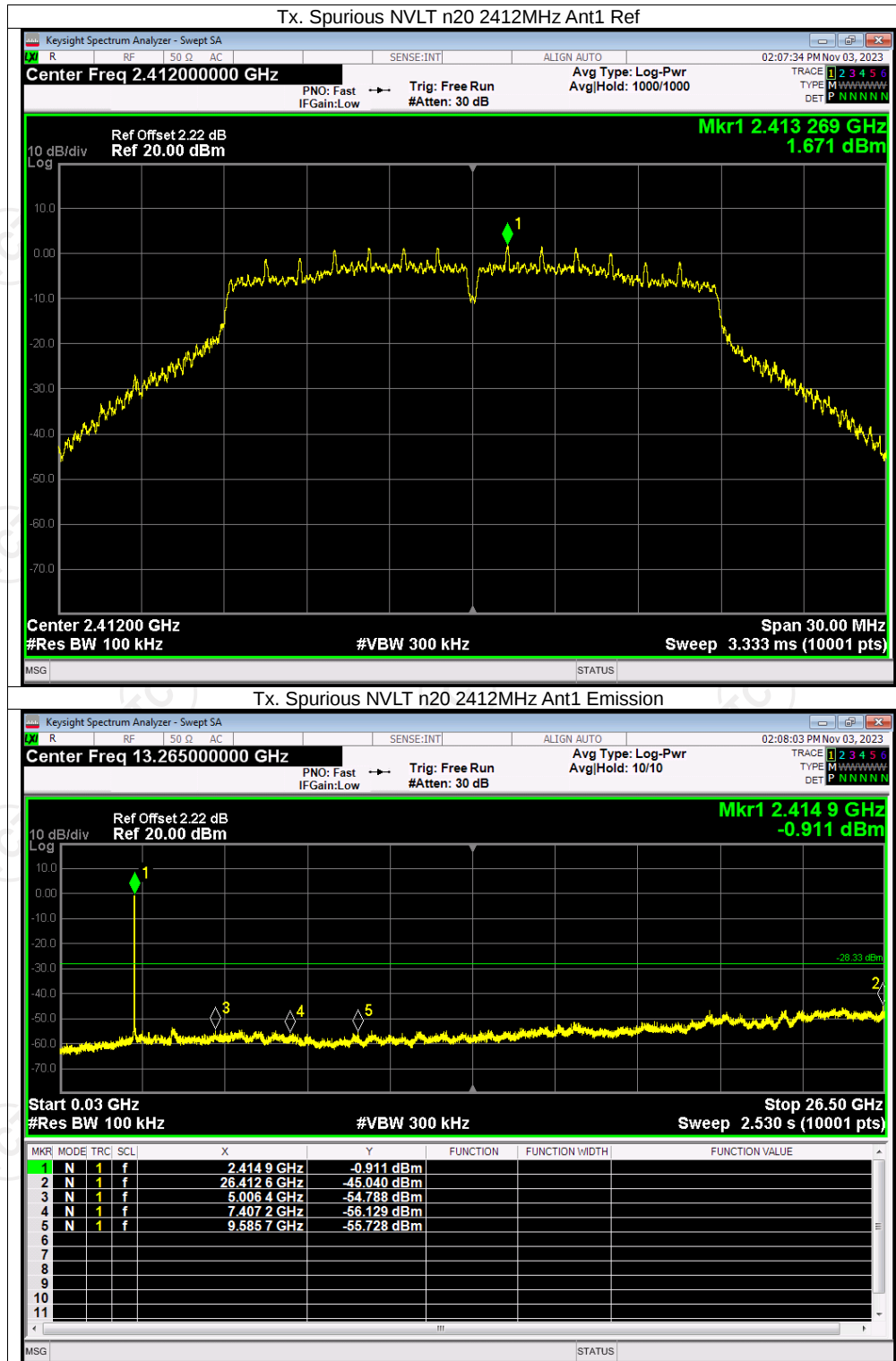


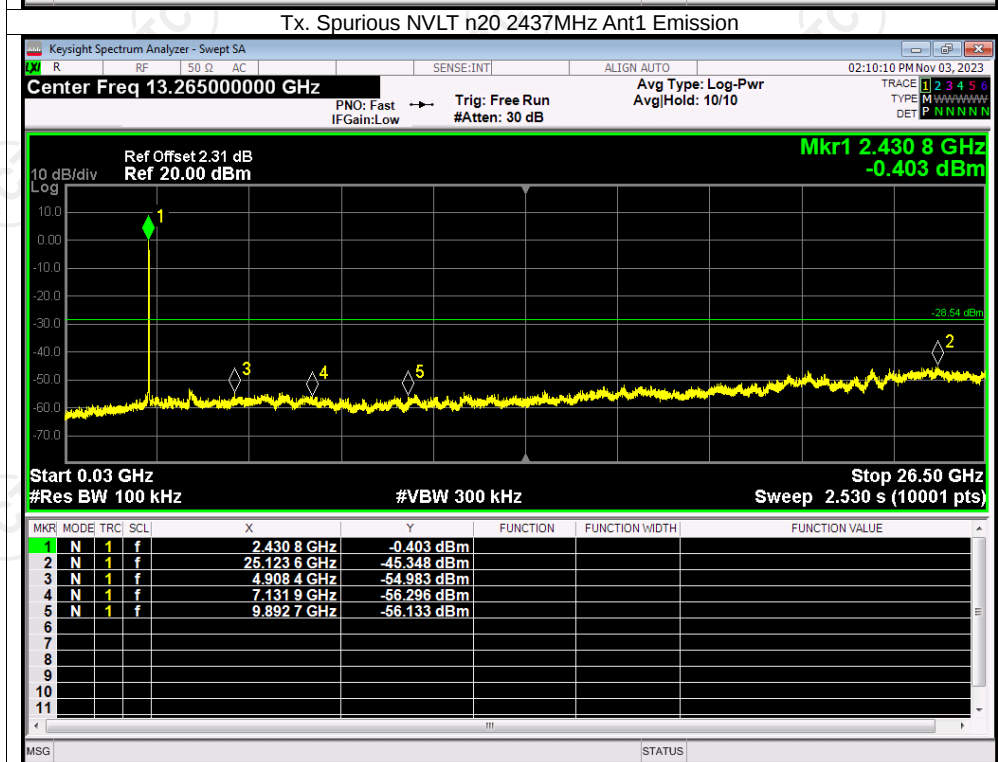
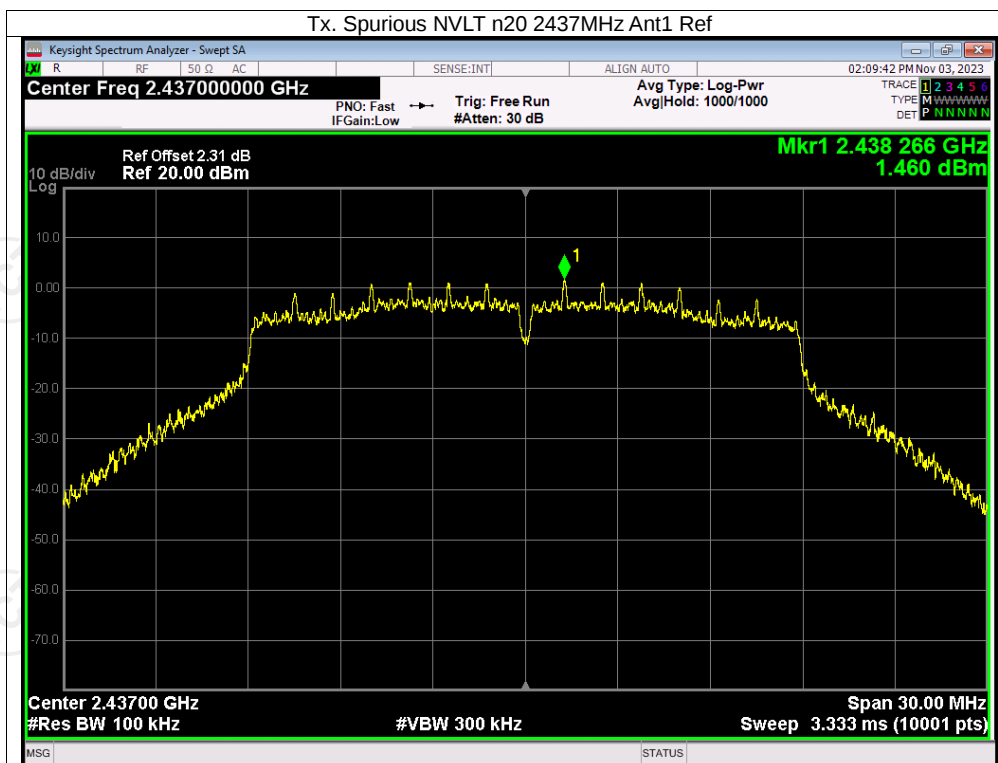


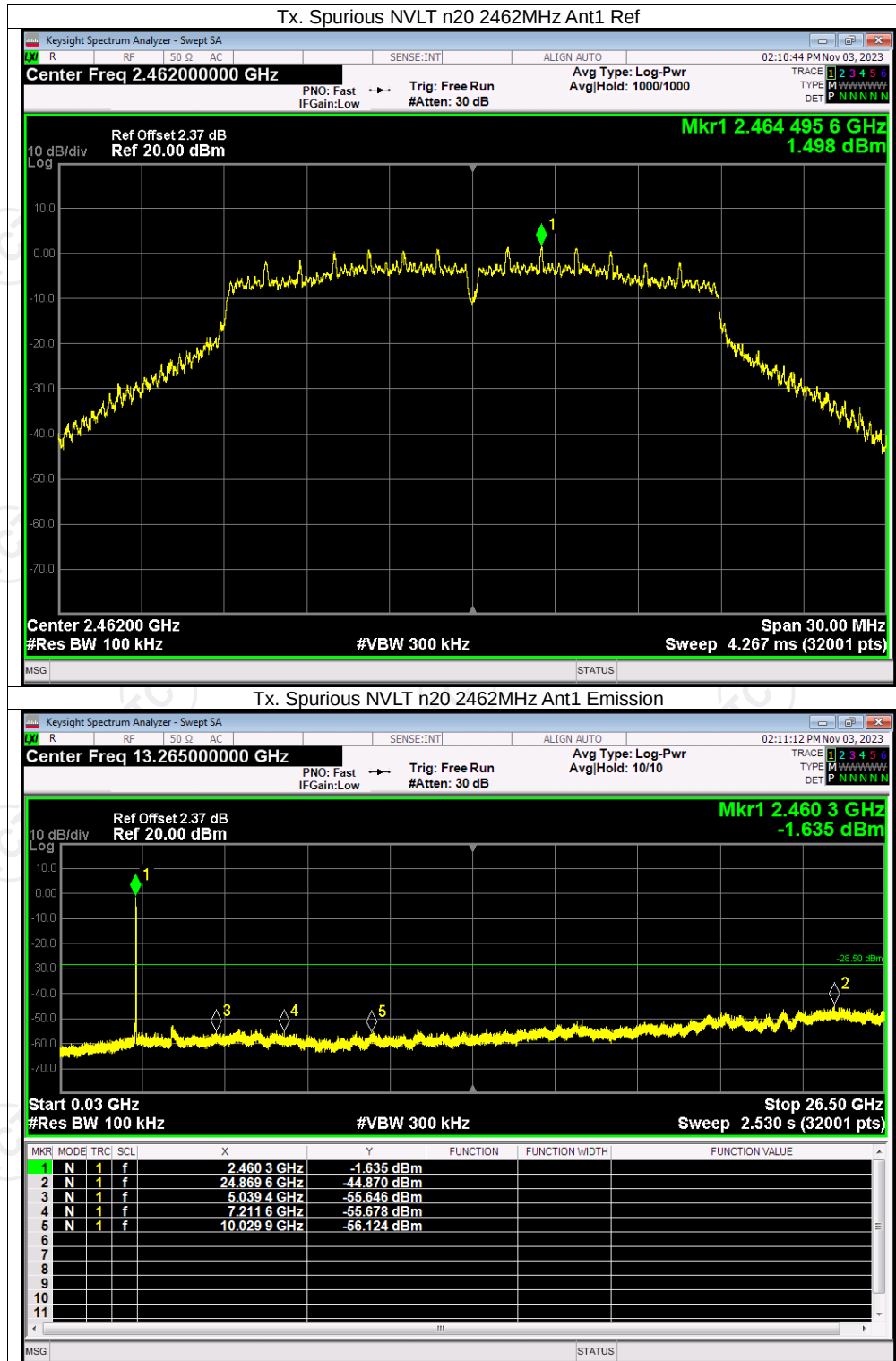


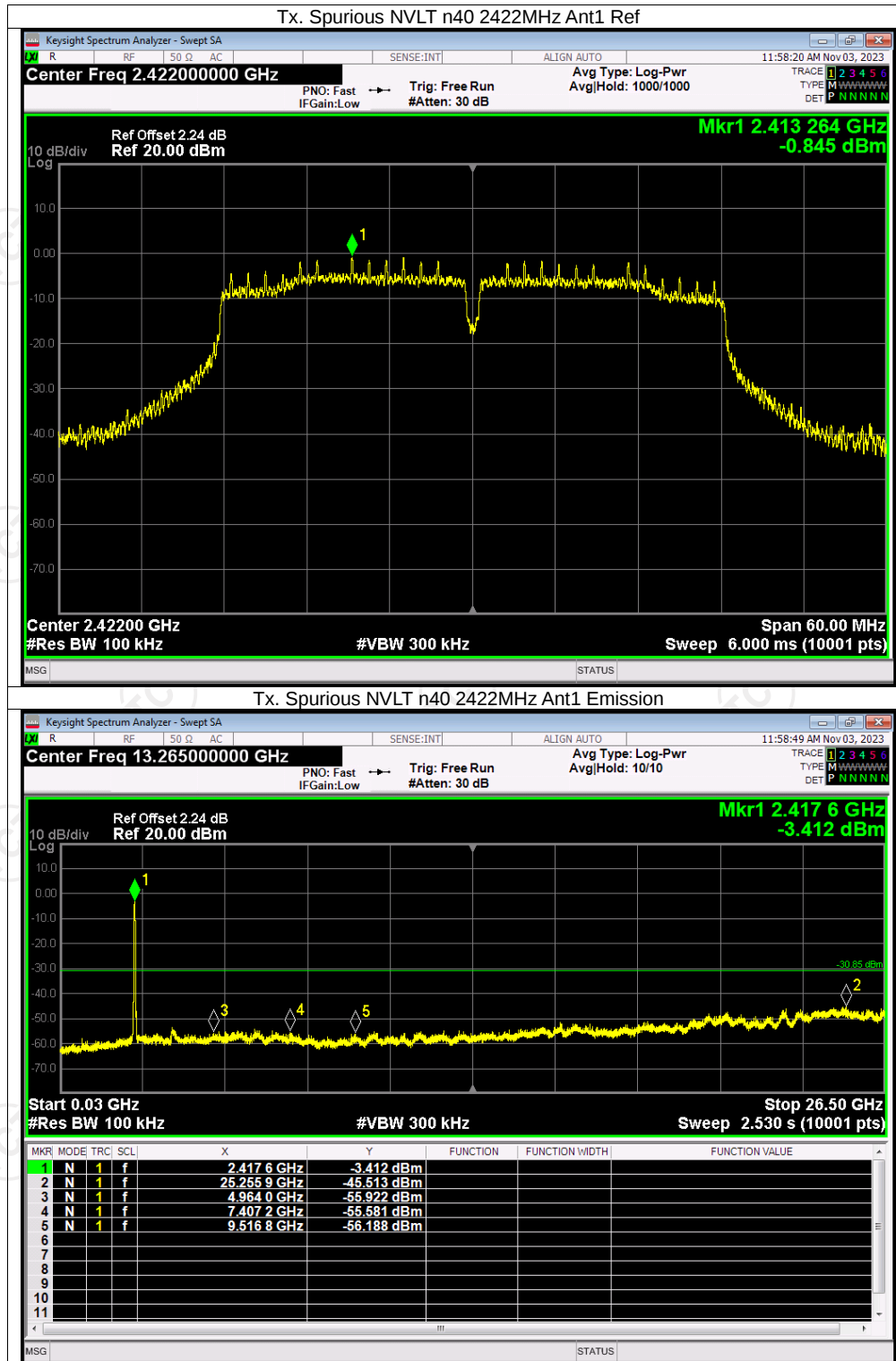


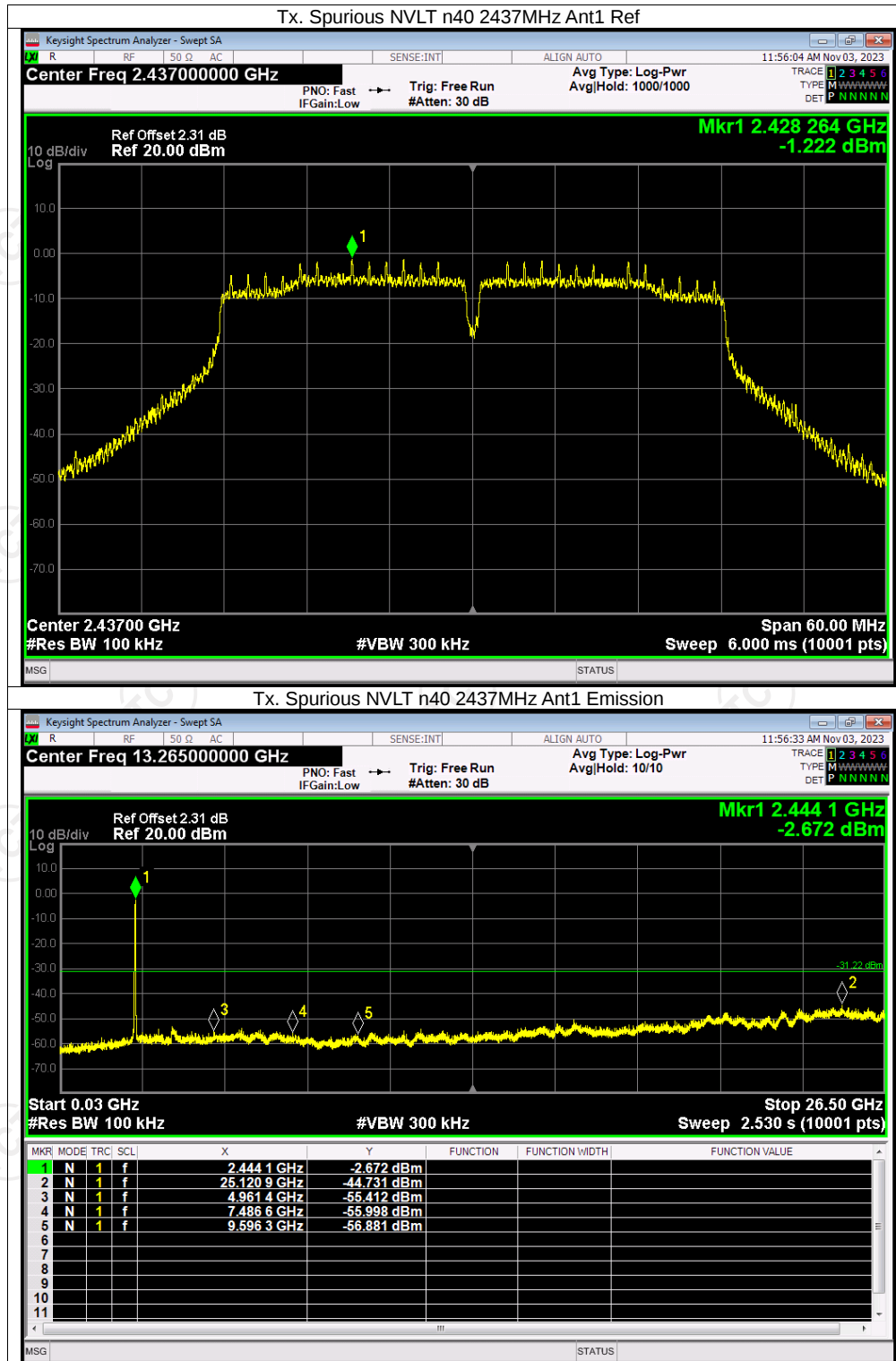


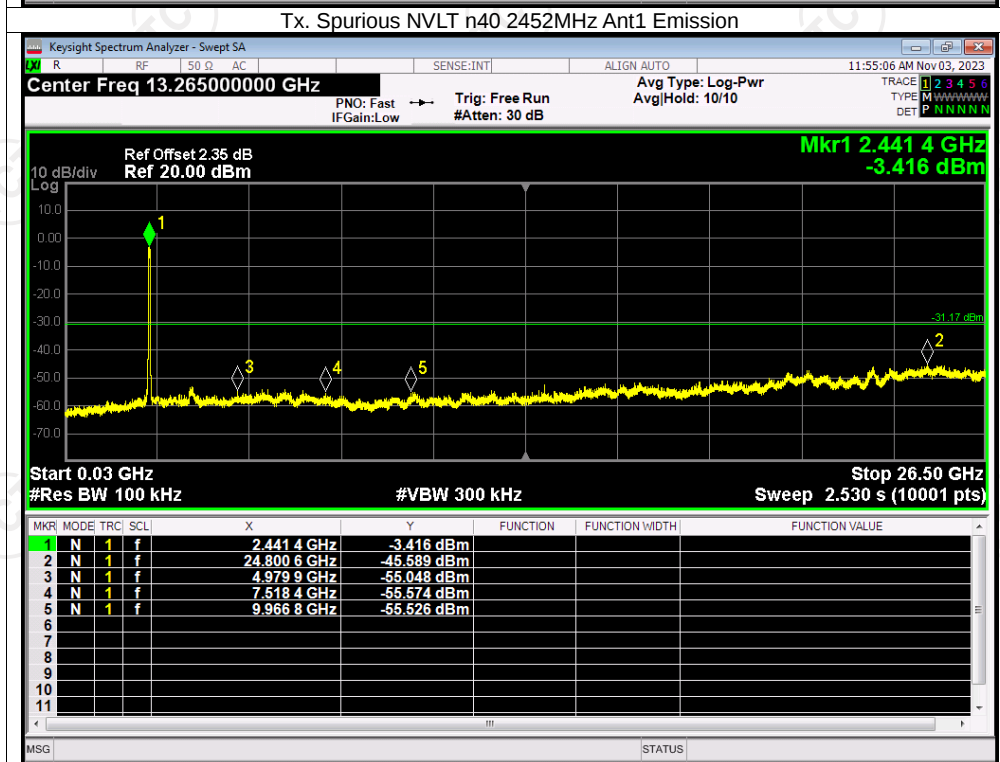
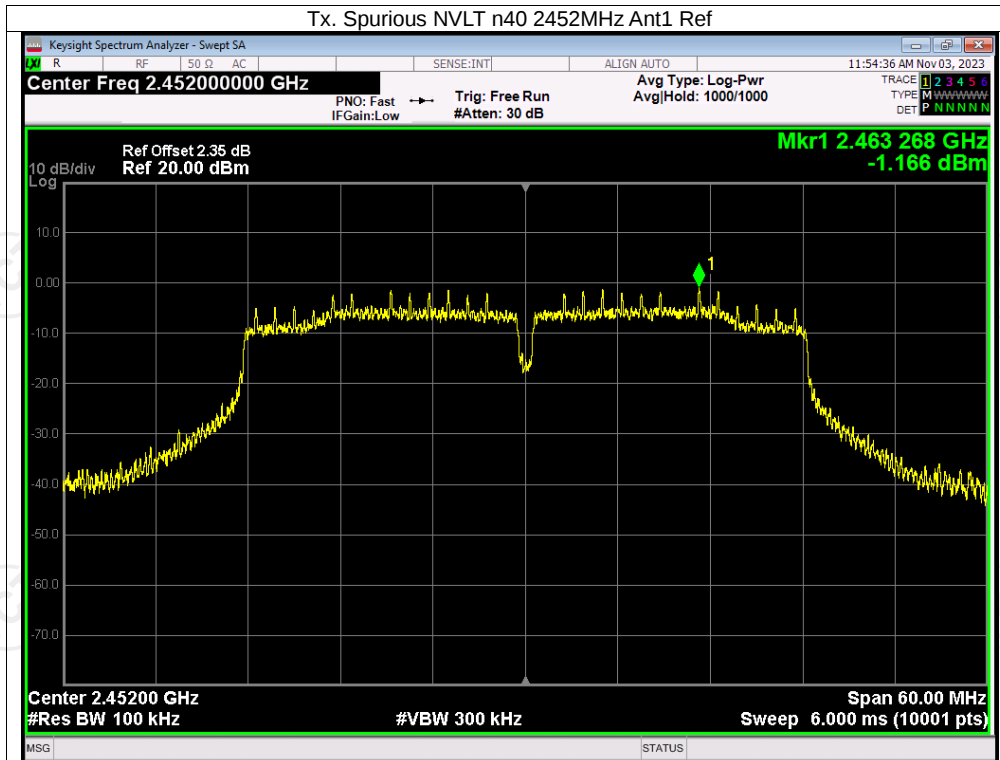










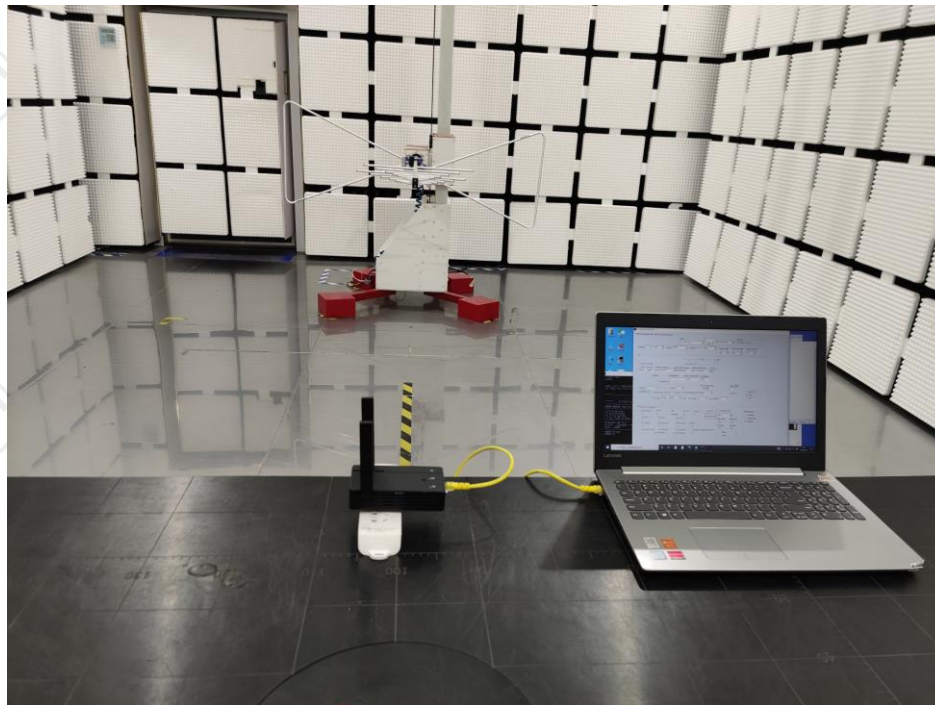


Appendix B: Photographs of Test Setup

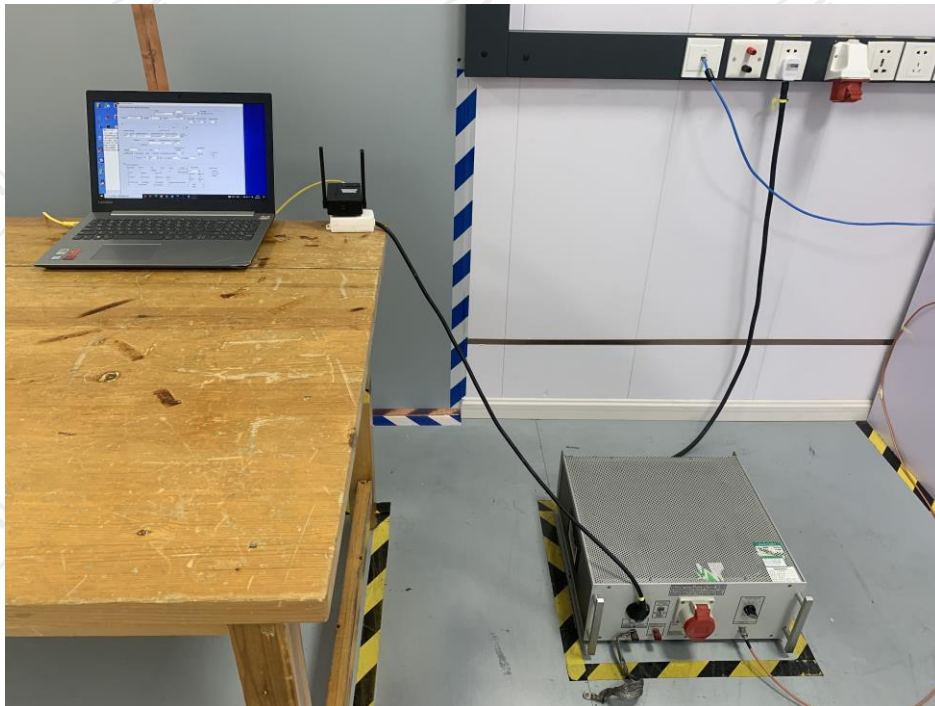
Product: 300M Wi-Fi Extender

Model: Z01-01

Radiated Emission



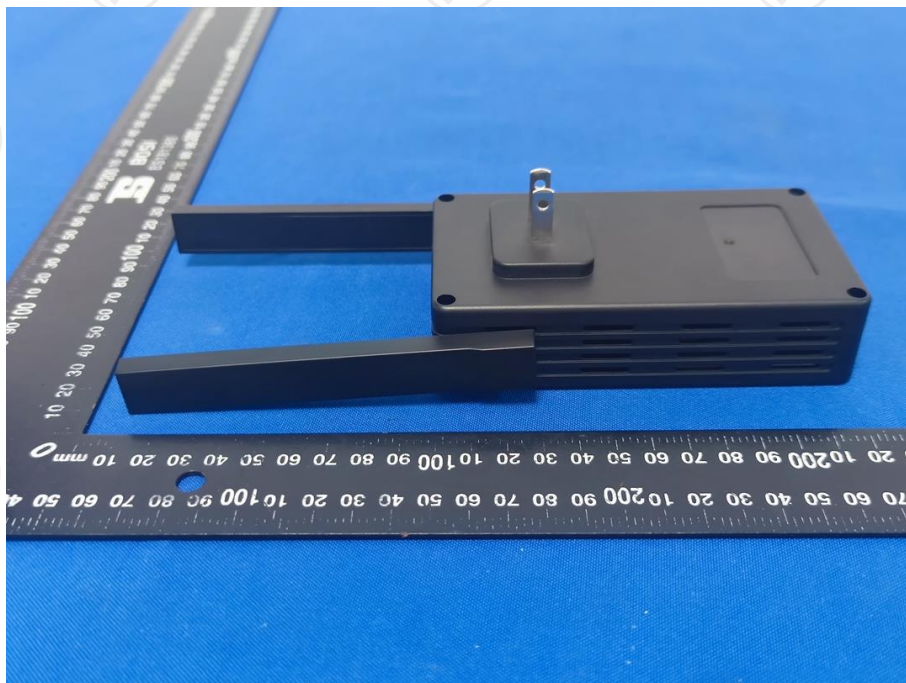
Conducted Emission

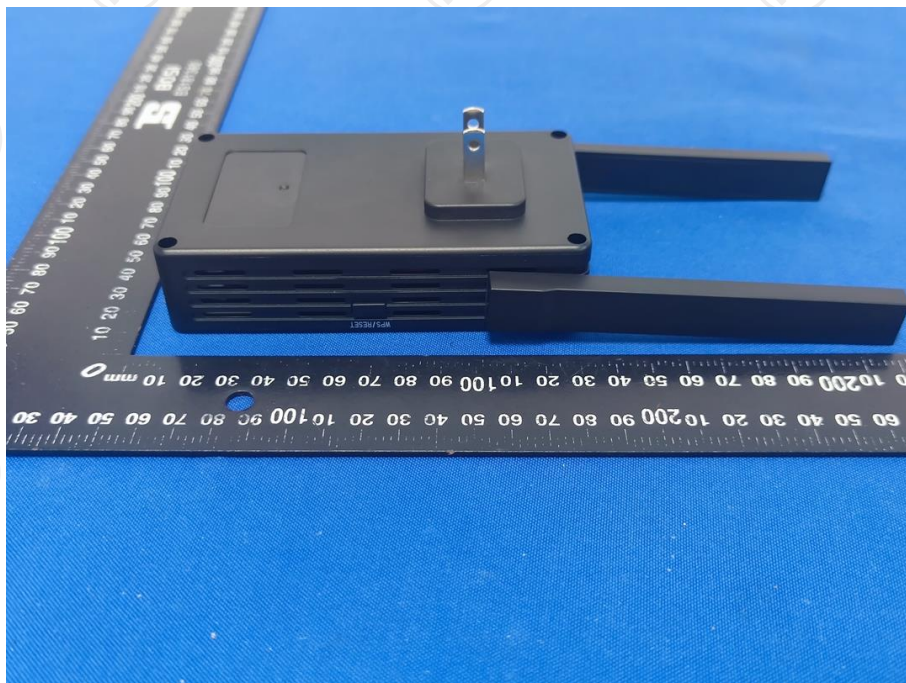
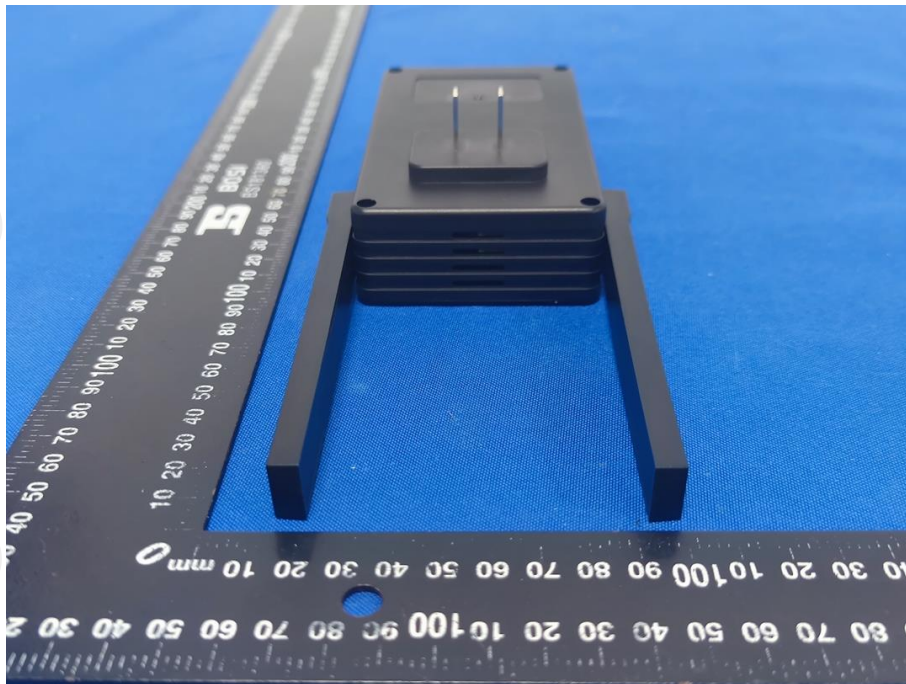


Appendix C: Photographs of EUT
Product: 300M Wi-Fi Extender
Model: Z01-01
External Photos









Product: 300M Wi-Fi Extender
Model: Z01-01
Internal Photos

