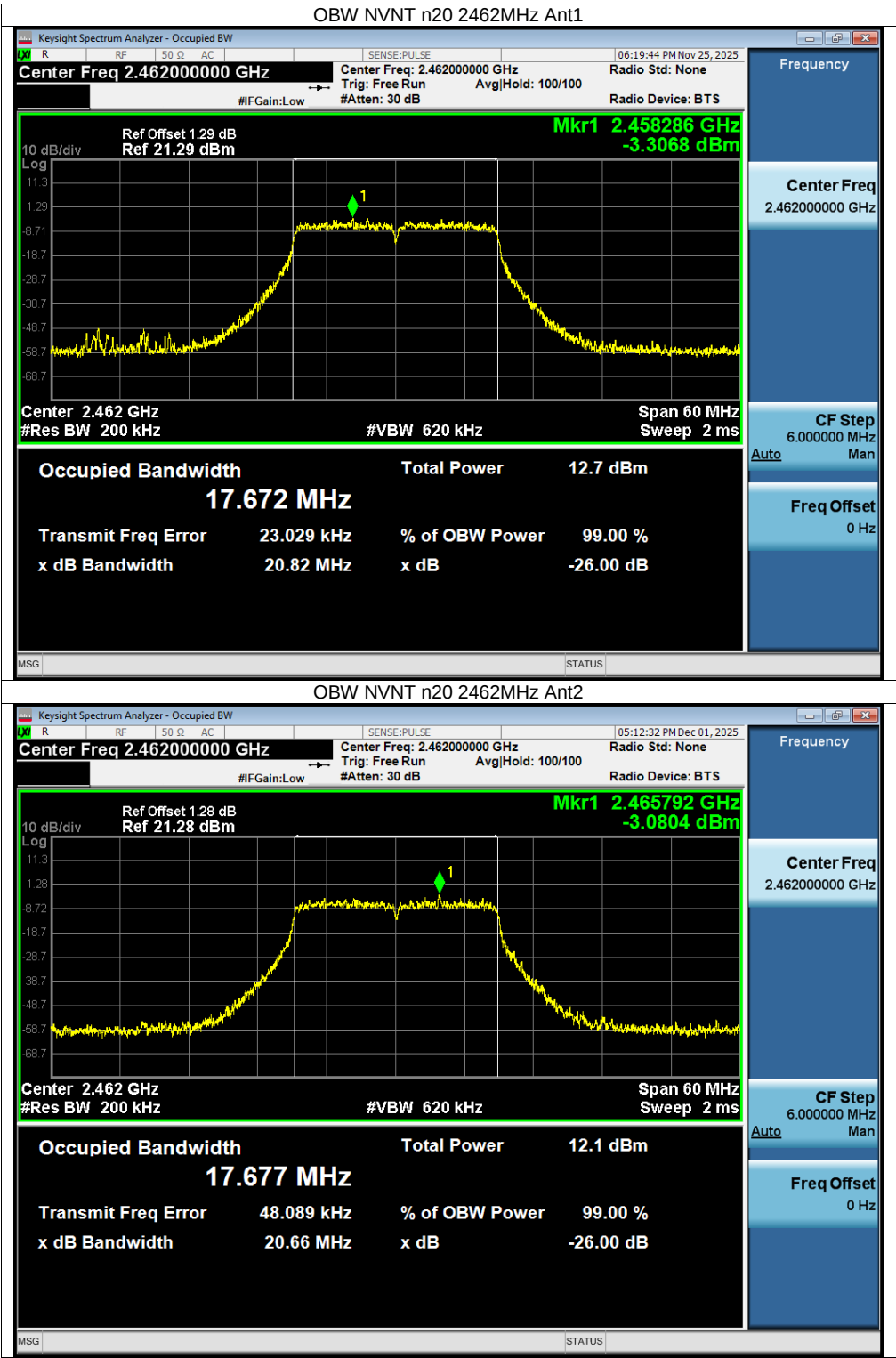
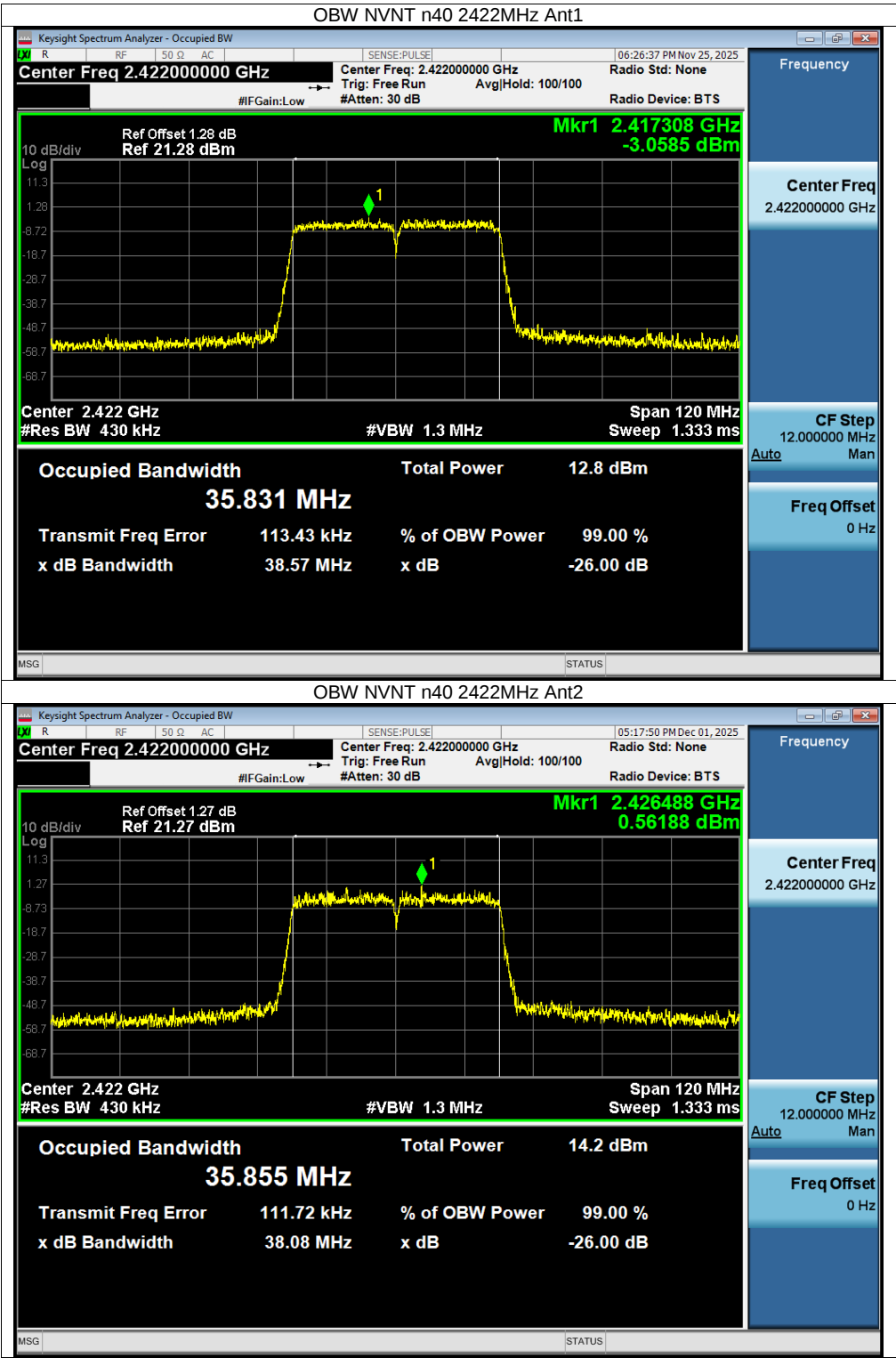






MSG

STATUS

Frequency

Center Freq

2.422000000 GHz

CF Step

12.000000 MHz

Auto

Man

Freq Offset

0 Hz

OBW NVNT n40 2422MHz Ant2

Keysight Spectrum Analyzer - Occupied BW

R

RF

50 Ω

AC

SENSE:PULSE

05:17:50 PM Dec 01, 2025

Center Freq 2.422000000 GHz

Center Freq: 2.422000000 GHz

Radio Std: None

#FGain:Low

Trig: Free Run

Avg|Hold: 100/100

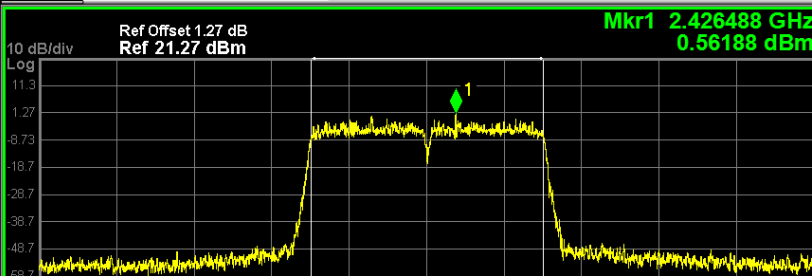
Radio Device: BTS

Ref Offset 1.27 dB

Ref 21.27 dBm

Mkr1 2.426488 GHz

0.56188 dBm



The plot shows a yellow signal trace on a black grid. The y-axis is labeled 'Log' and ranges from -68.7 to 11.3 dB/div. The x-axis represents frequency. A sharp peak is visible at approximately 2.426 GHz, marked with a green diamond and labeled '1'.

Center 2.422 GHz

#Res BW 430 kHz

#VBW 1.3 MHz

Span 120 MHz

Sweep 1.333 ms

Occupied Bandwidth

Total Power

14.2 dBm

35.855 MHz

Transmit Freq Error

111.72 kHz

% of OBW Power

99.00 %

x dB Bandwidth

38.08 MHz

x dB

-26.00 dB

MSG

STATUS

Frequency

Center Freq

2.422000000 GHz

CF Step

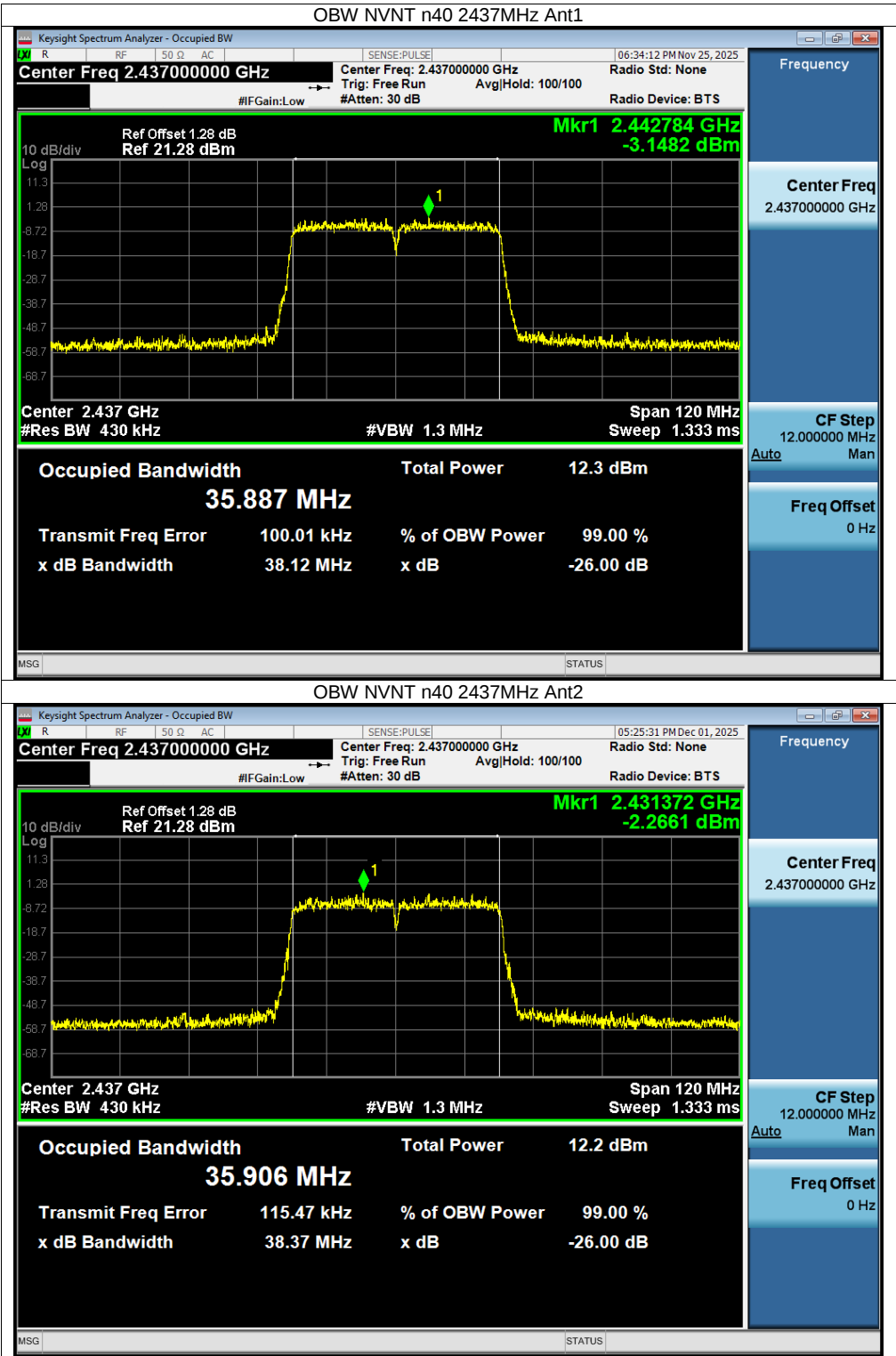
12.000000 MHz

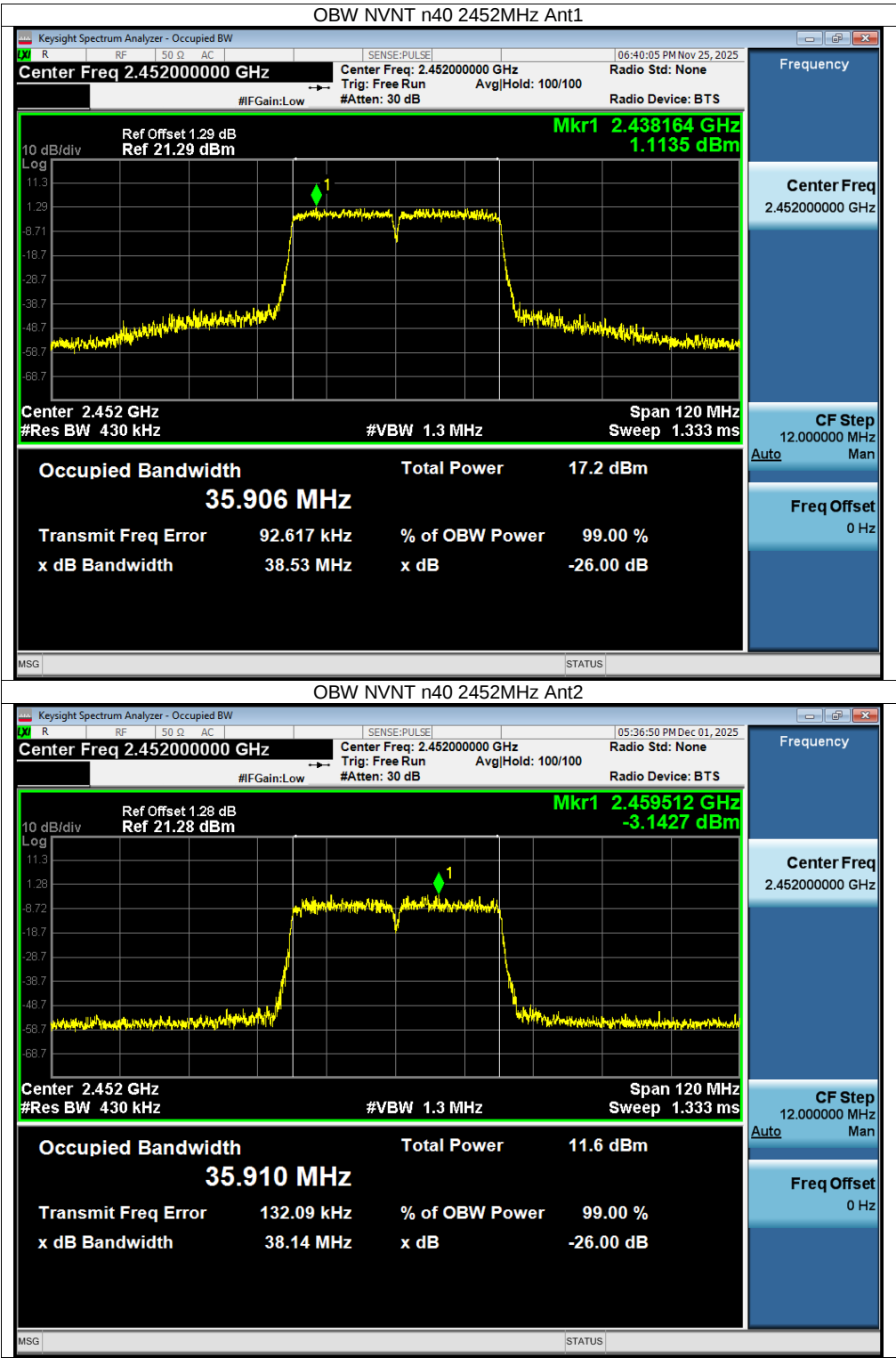
Auto

Man

Freq Offset

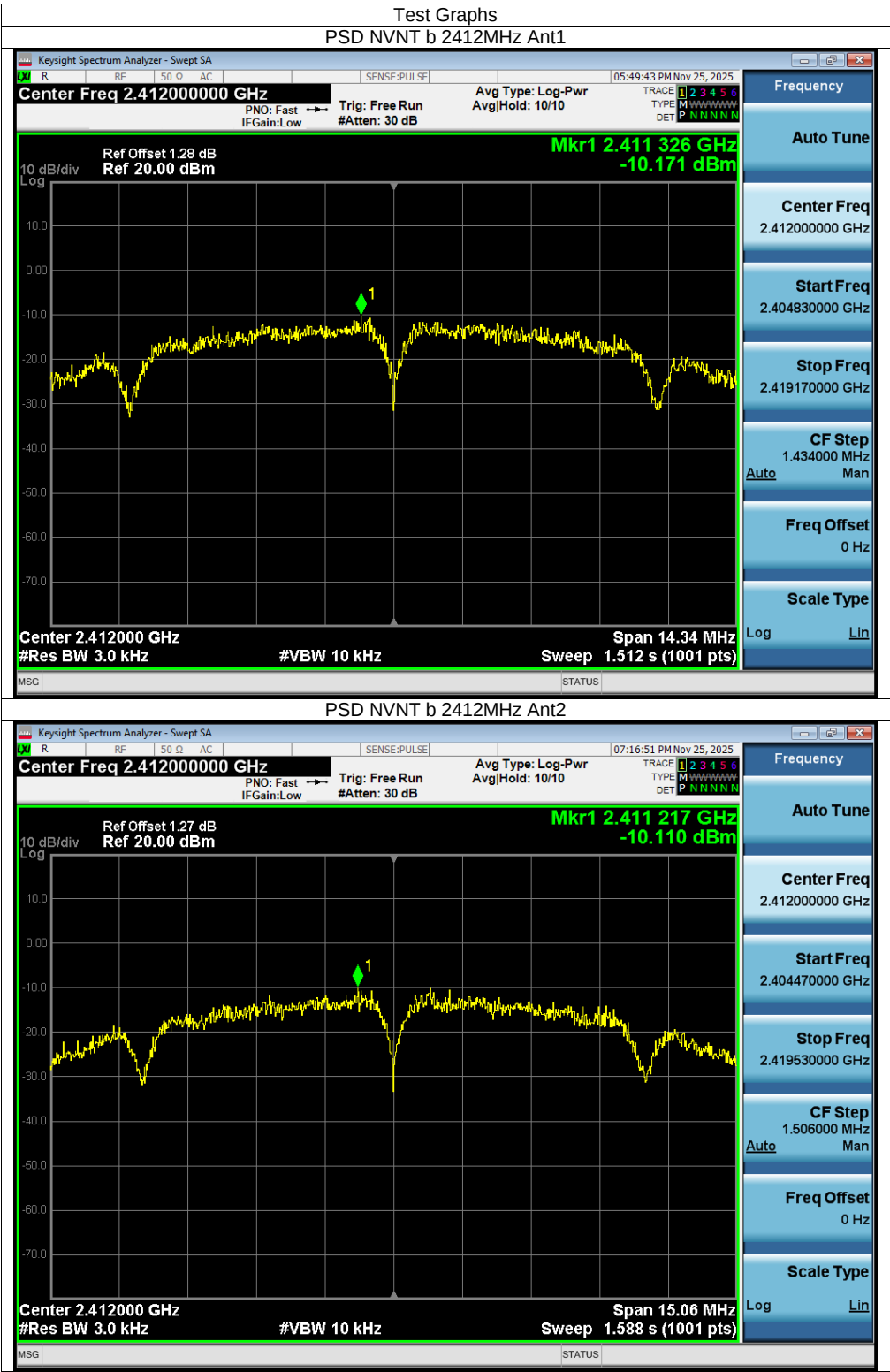
0 Hz

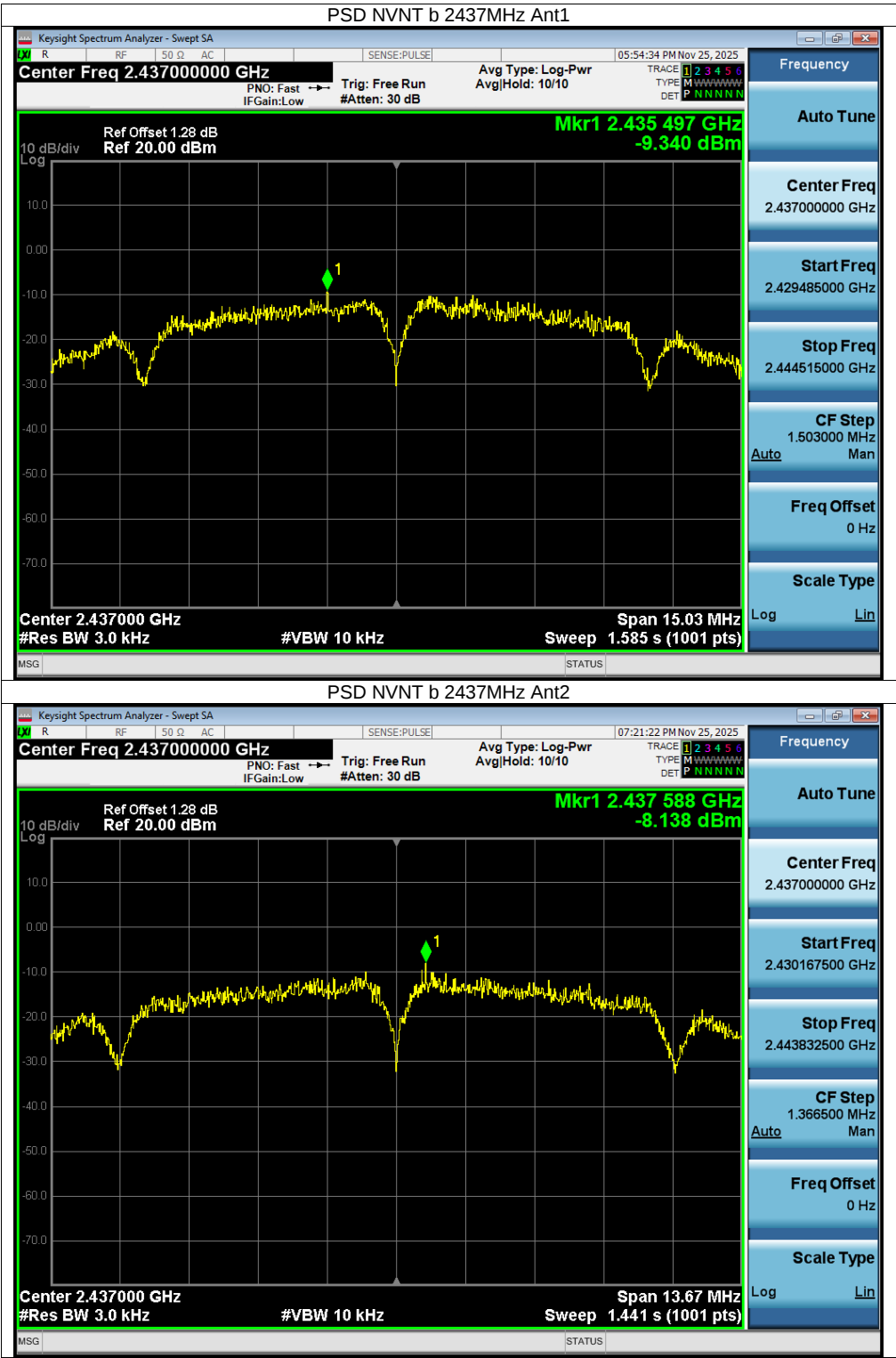




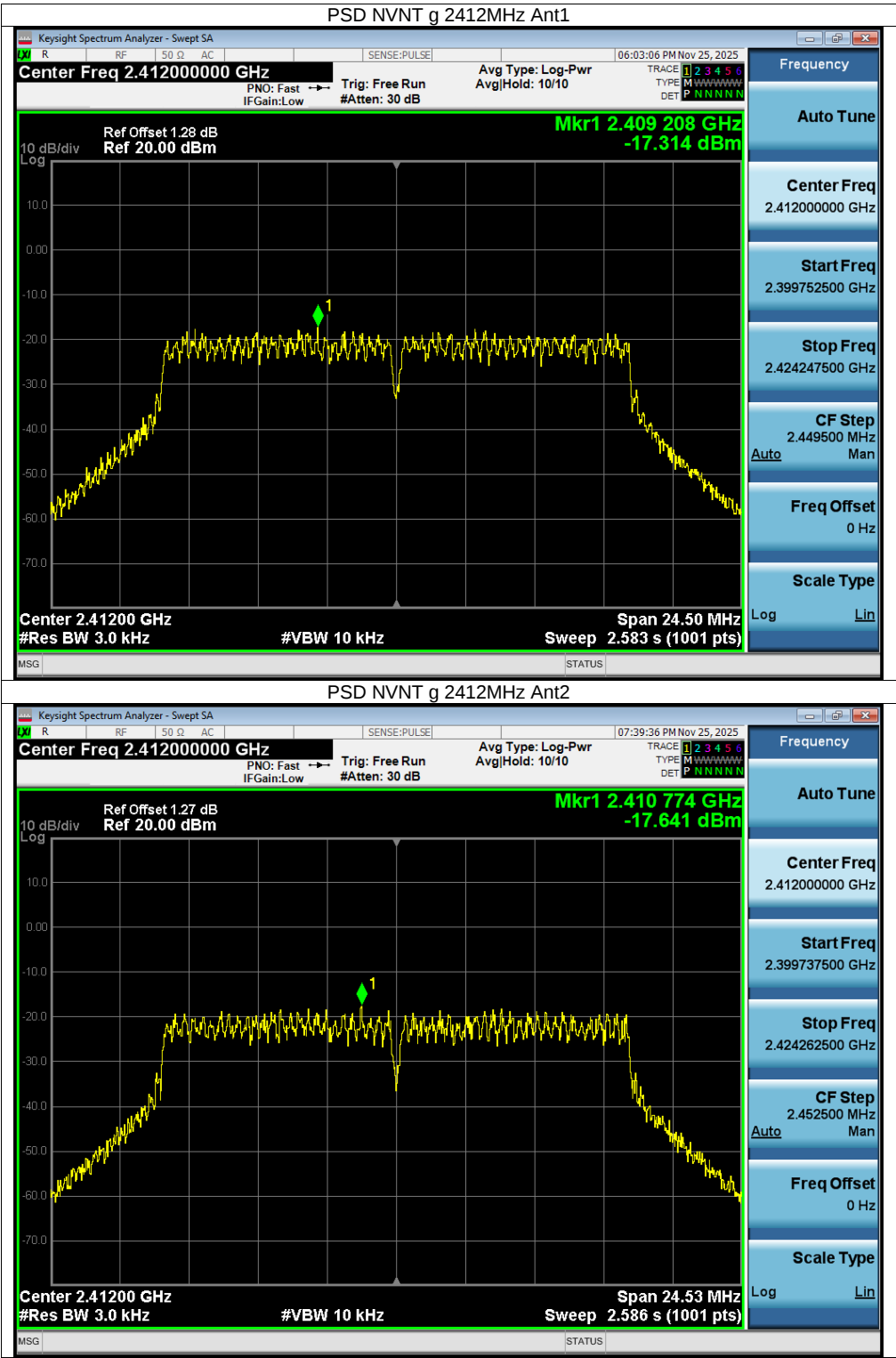
Maximum Power Spectral Density Level

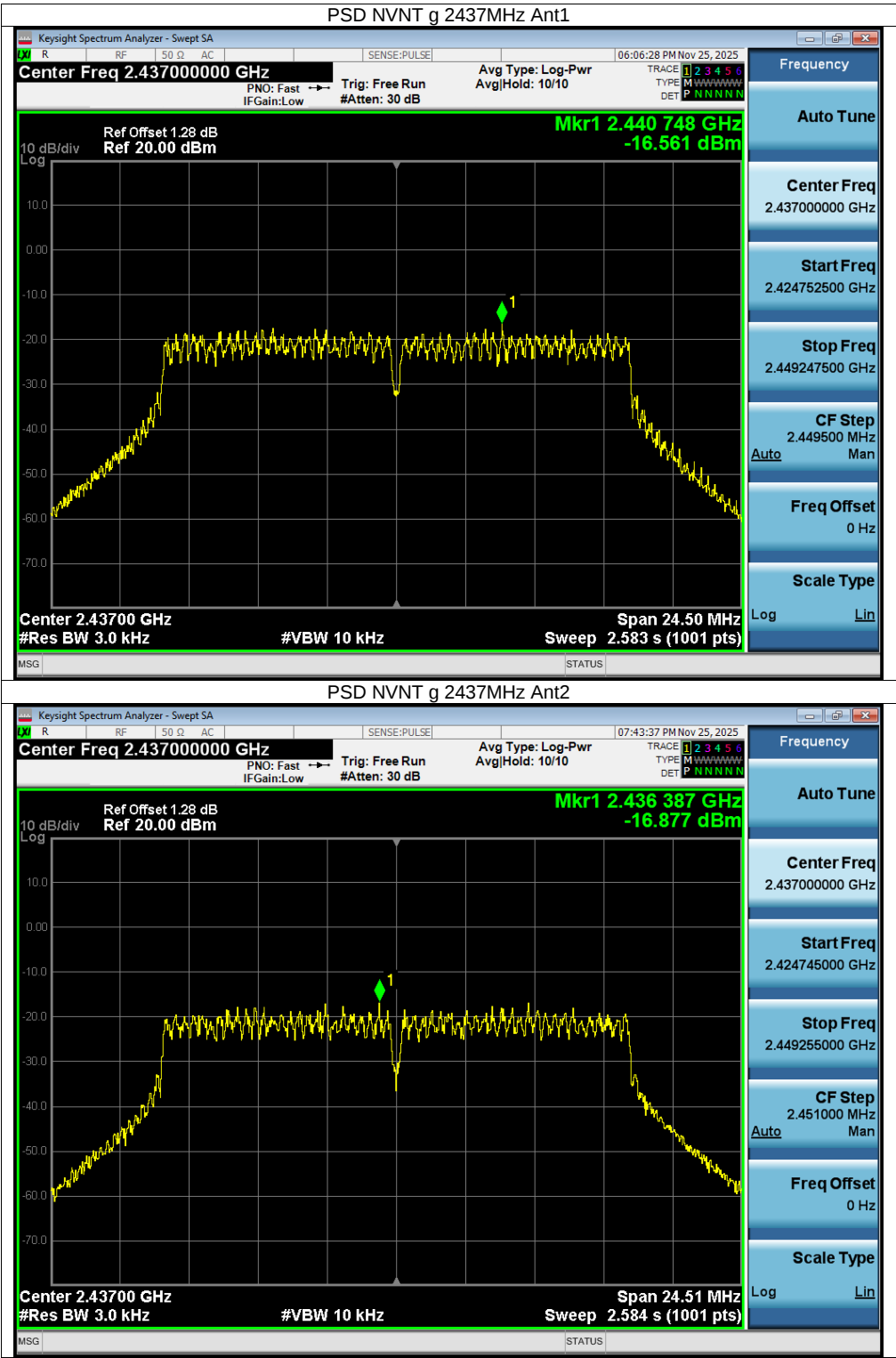
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-10.17	8	Pass
NVNT	b	2412	Ant2	-10.11	8	Pass
NVNT	b	2437	Ant1	-9.34	8	Pass
NVNT	b	2437	Ant2	-8.14	8	Pass
NVNT	b	2462	Ant1	-9.8	8	Pass
NVNT	b	2462	Ant2	-9.1	8	Pass
NVNT	g	2412	Ant1	-17.31	8	Pass
NVNT	g	2412	Ant2	-17.64	8	Pass
NVNT	g	2437	Ant1	-16.56	8	Pass
NVNT	g	2437	Ant2	-16.88	8	Pass
NVNT	g	2462	Ant1	-17.75	8	Pass
NVNT	g	2462	Ant2	-17.31	8	Pass
NVNT	n20	2412	Ant1	-17.67	8	Pass
NVNT	n20	2412	Ant2	-18.41	8	Pass
NVNT	n20	2412	Sum	-15.01	8	Pass
NVNT	n20	2437	Ant1	-17.16	8	Pass
NVNT	n20	2437	Ant2	-18.65	8	Pass
NVNT	n20	2437	Sum	-14.83	8	Pass
NVNT	n20	2462	Ant1	-17.21	8	Pass
NVNT	n20	2462	Ant2	-18.98	8	Pass
NVNT	n20	2462	Sum	-15	8	Pass
NVNT	n40	2422	Ant1	-21.72	8	Pass
NVNT	n40	2422	Ant2	-21.85	8	Pass
NVNT	n40	2422	Sum	-18.77	8	Pass
NVNT	n40	2437	Ant1	-21.32	8	Pass
NVNT	n40	2437	Ant2	-21.2	8	Pass
NVNT	n40	2437	Sum	-18.25	8	Pass
NVNT	n40	2452	Ant1	-21	8	Pass
NVNT	n40	2452	Ant2	-21.04	8	Pass
NVNT	n40	2452	Sum	-18.01	8	Pass

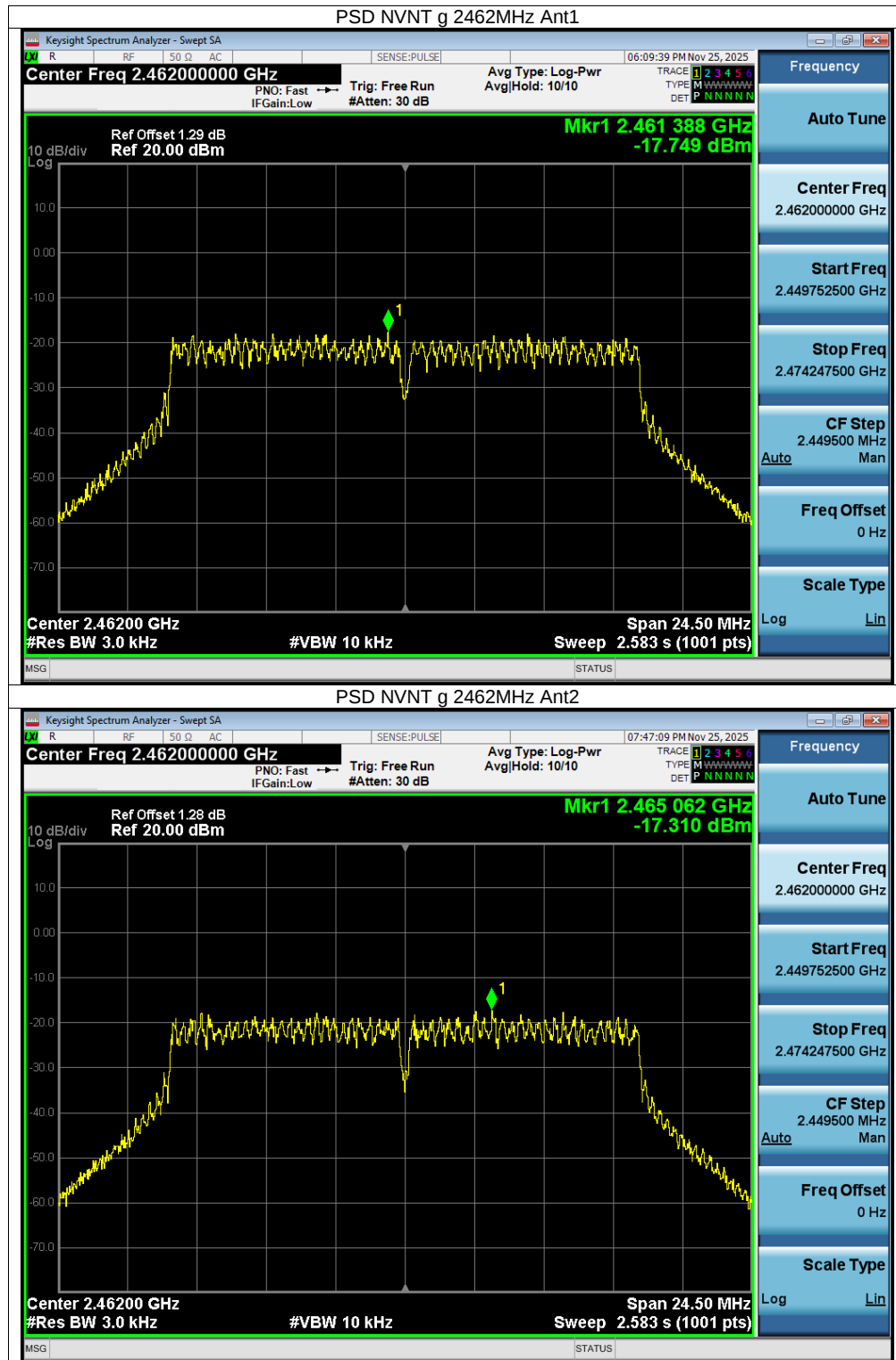


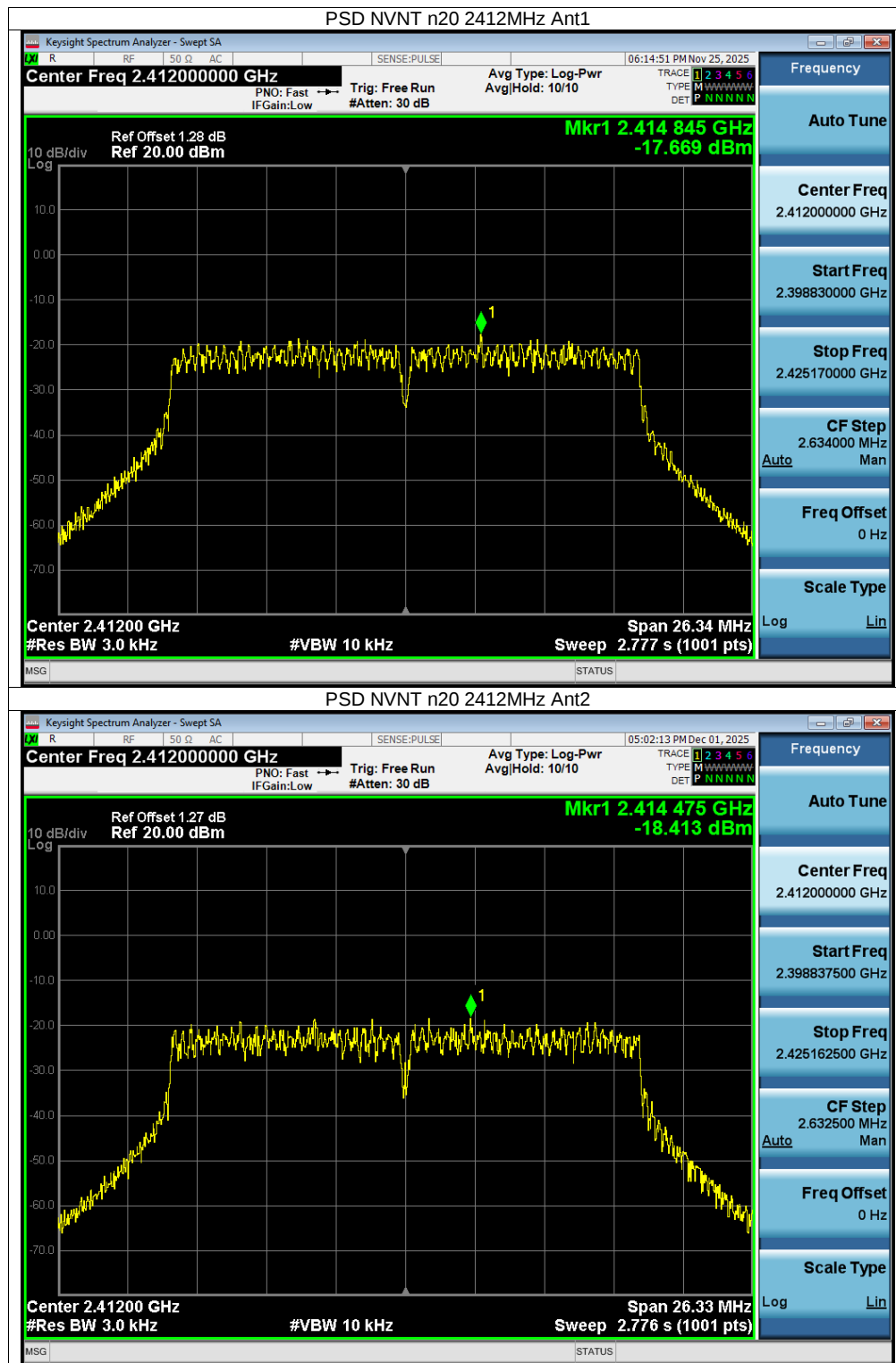


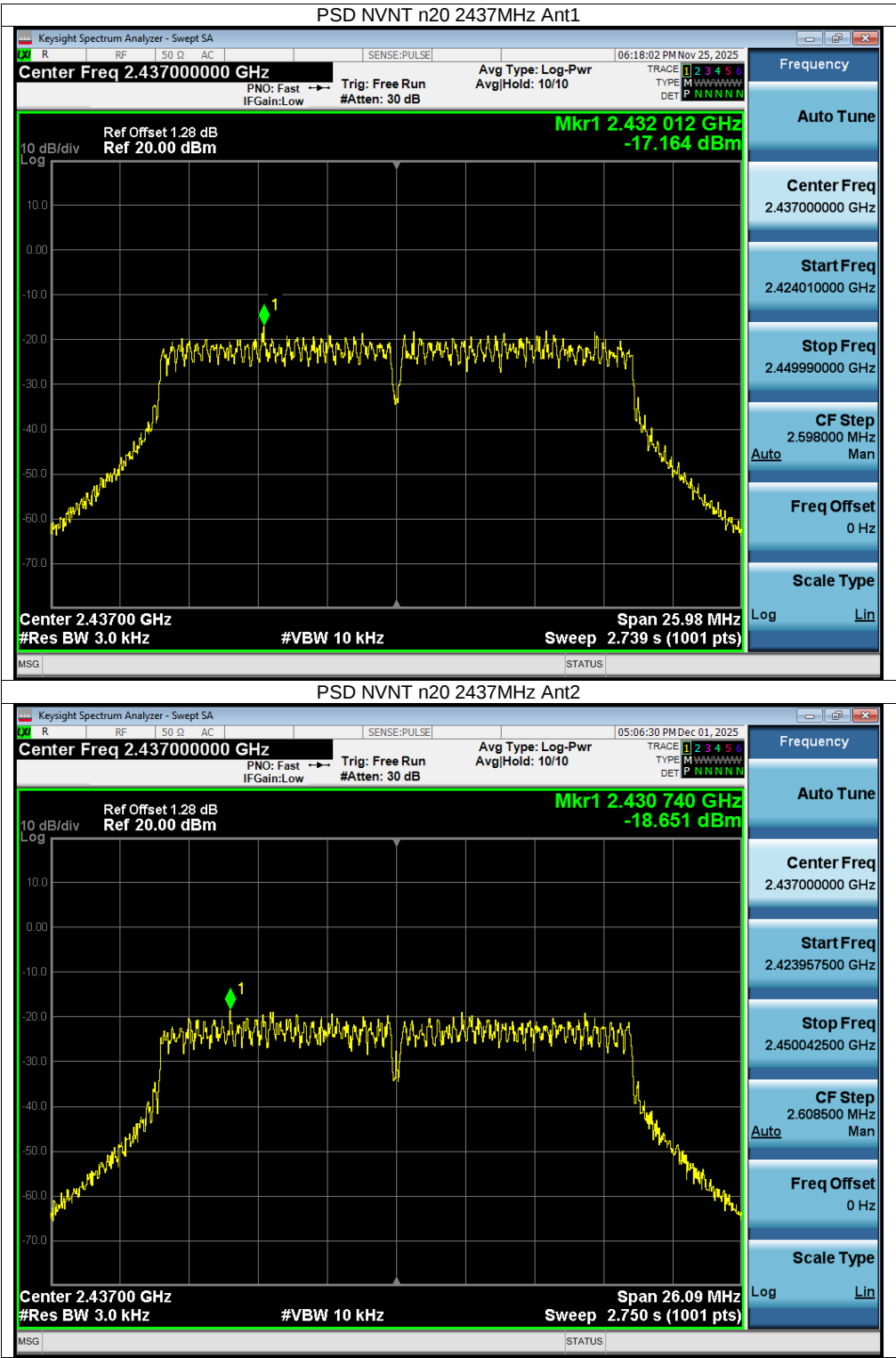


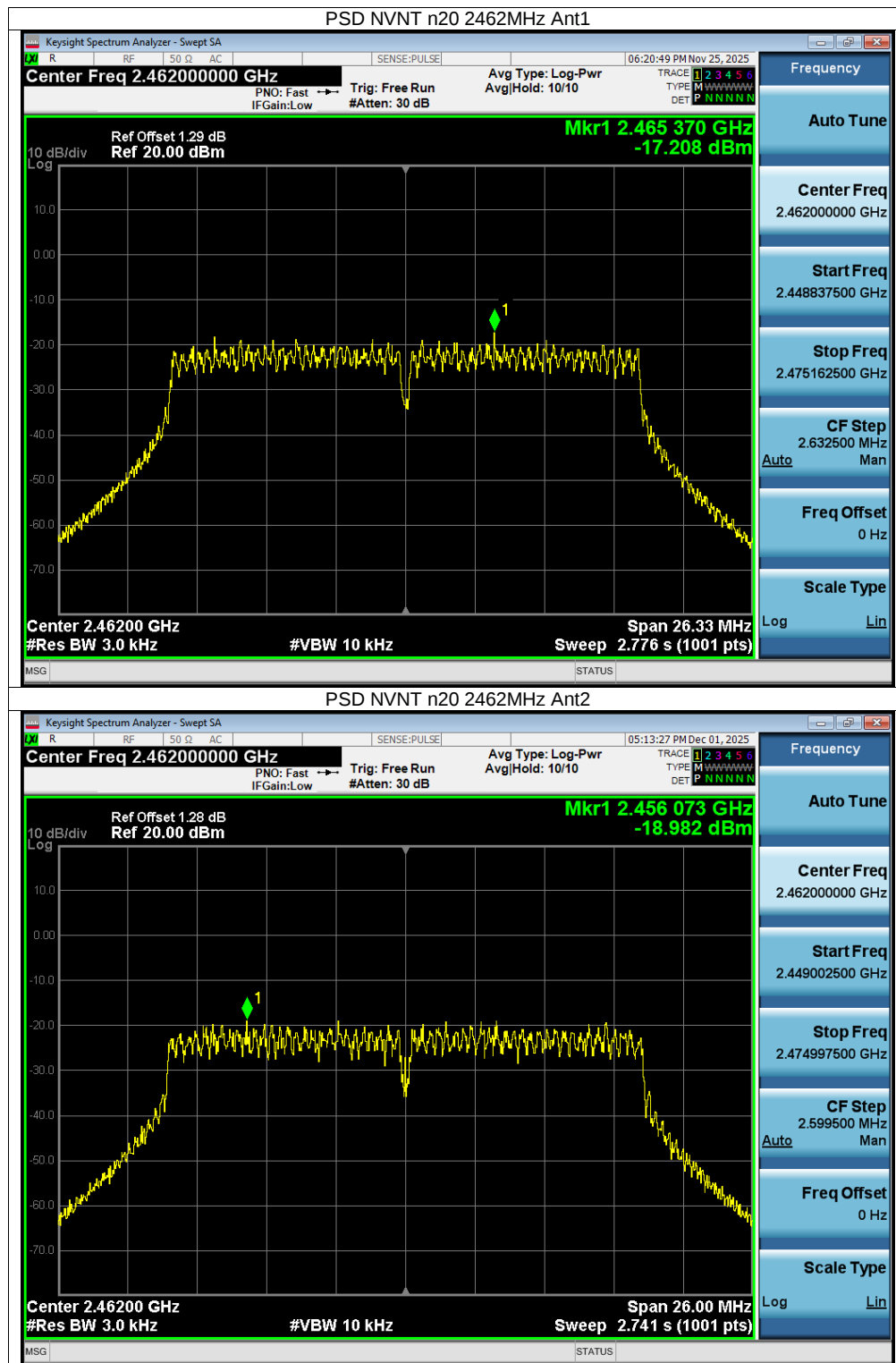


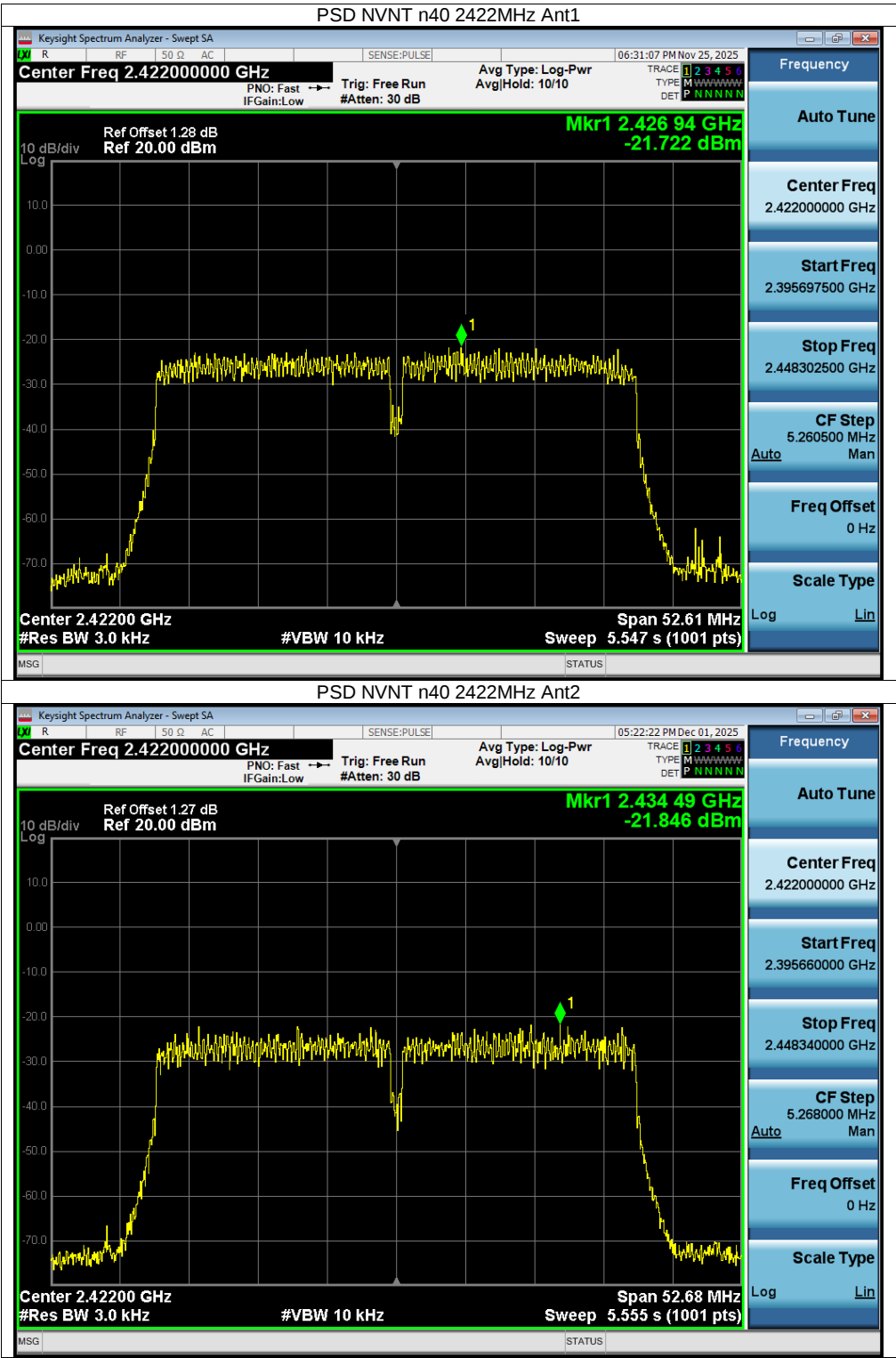


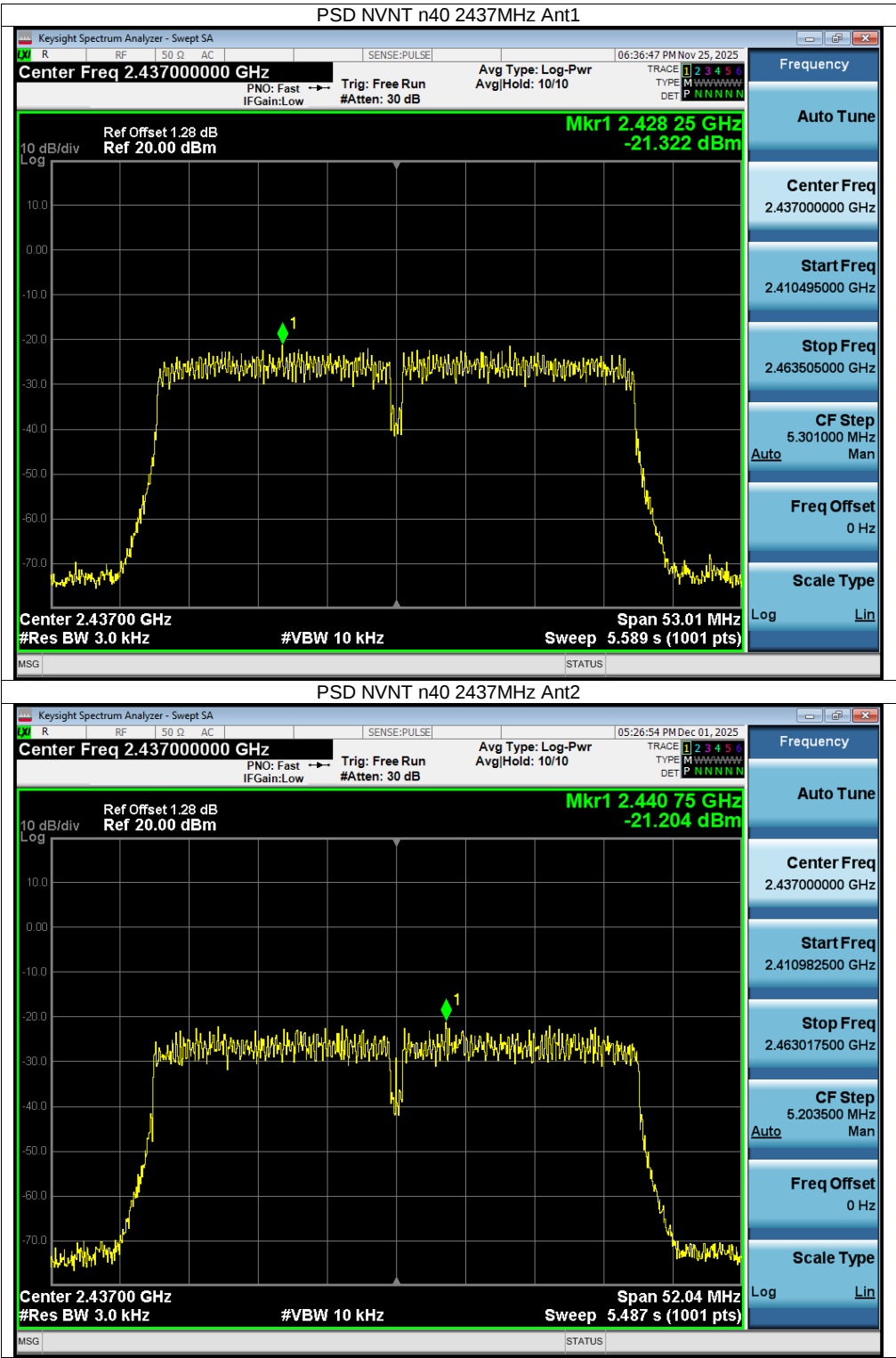


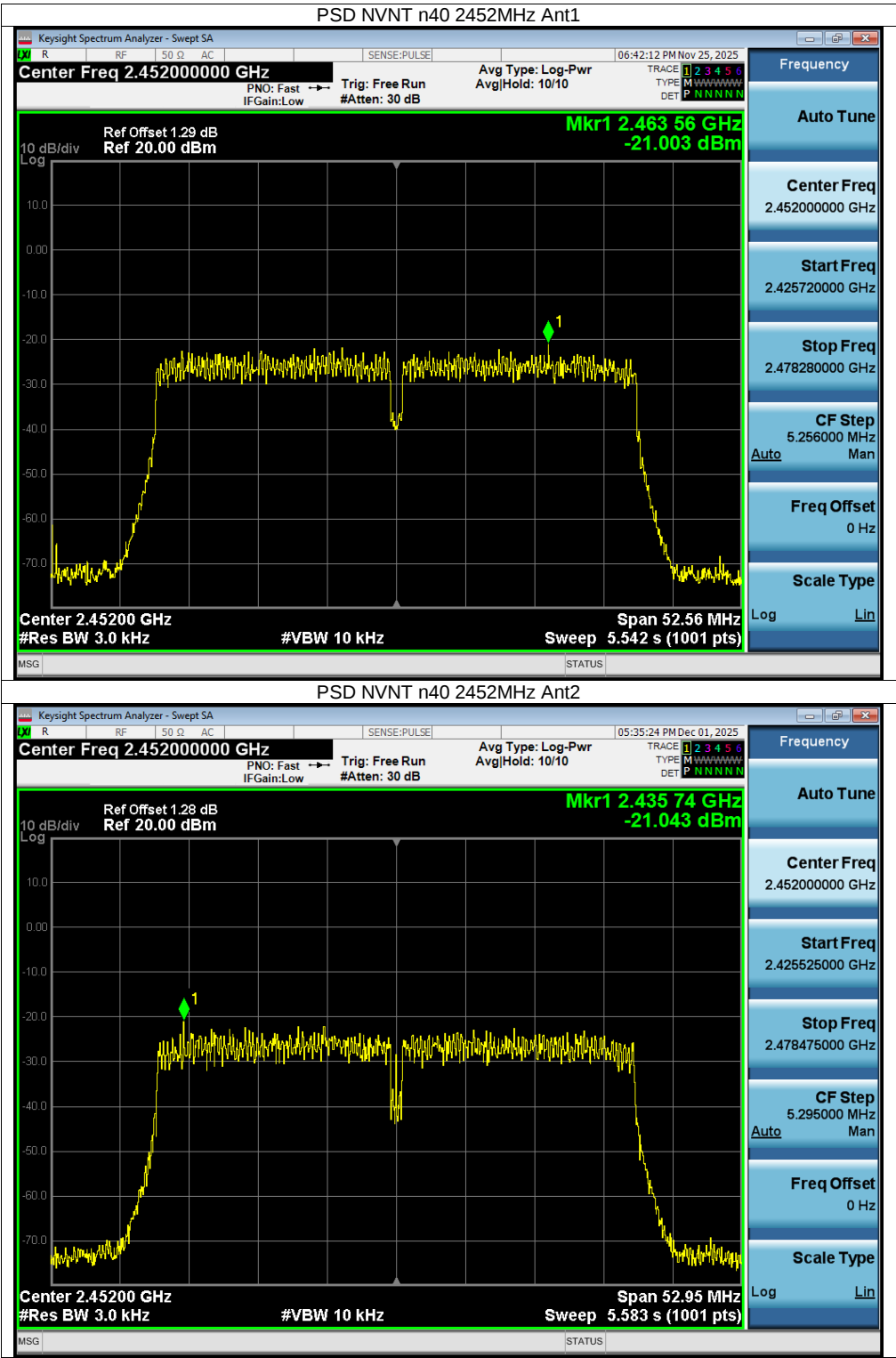






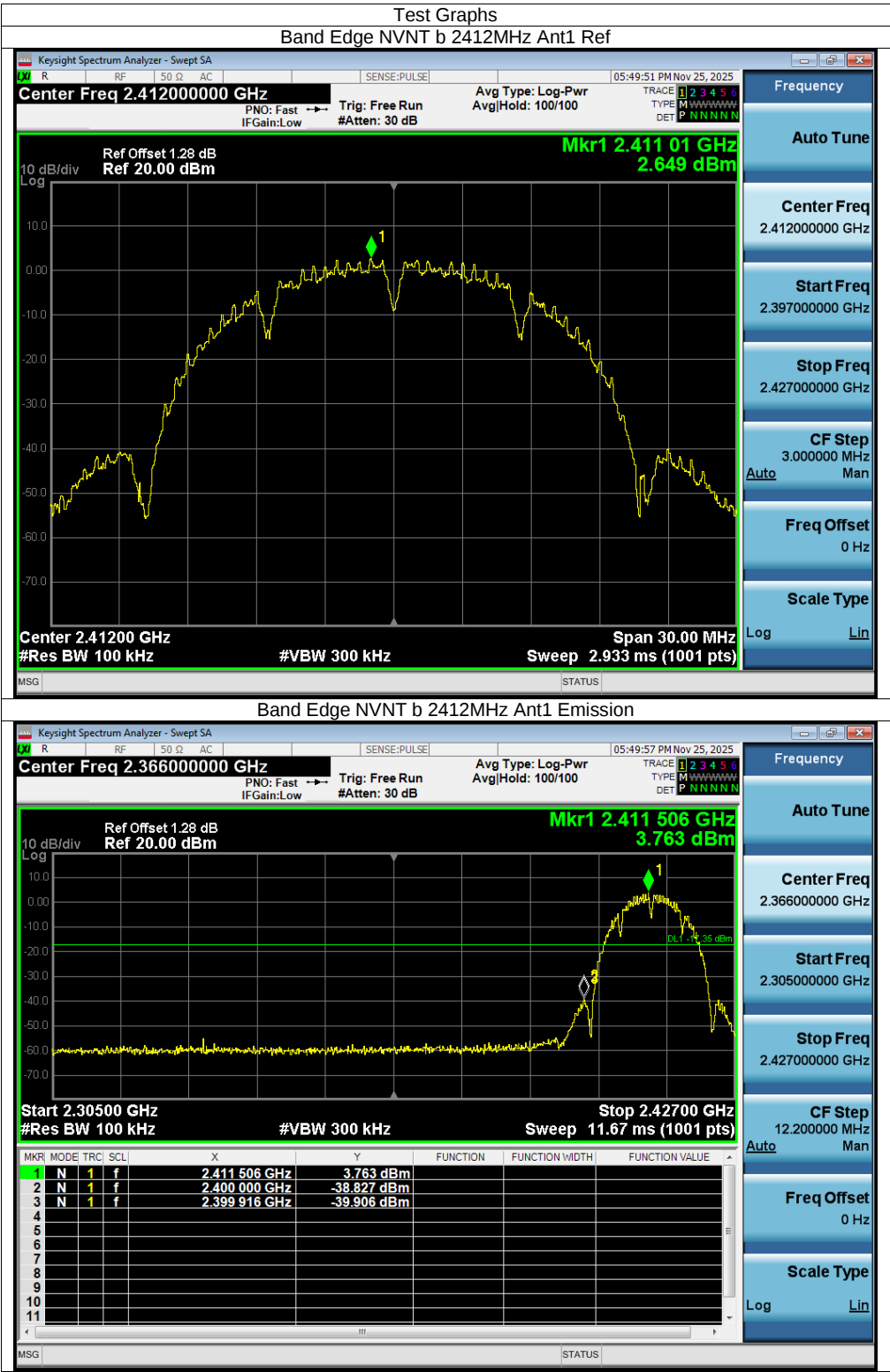


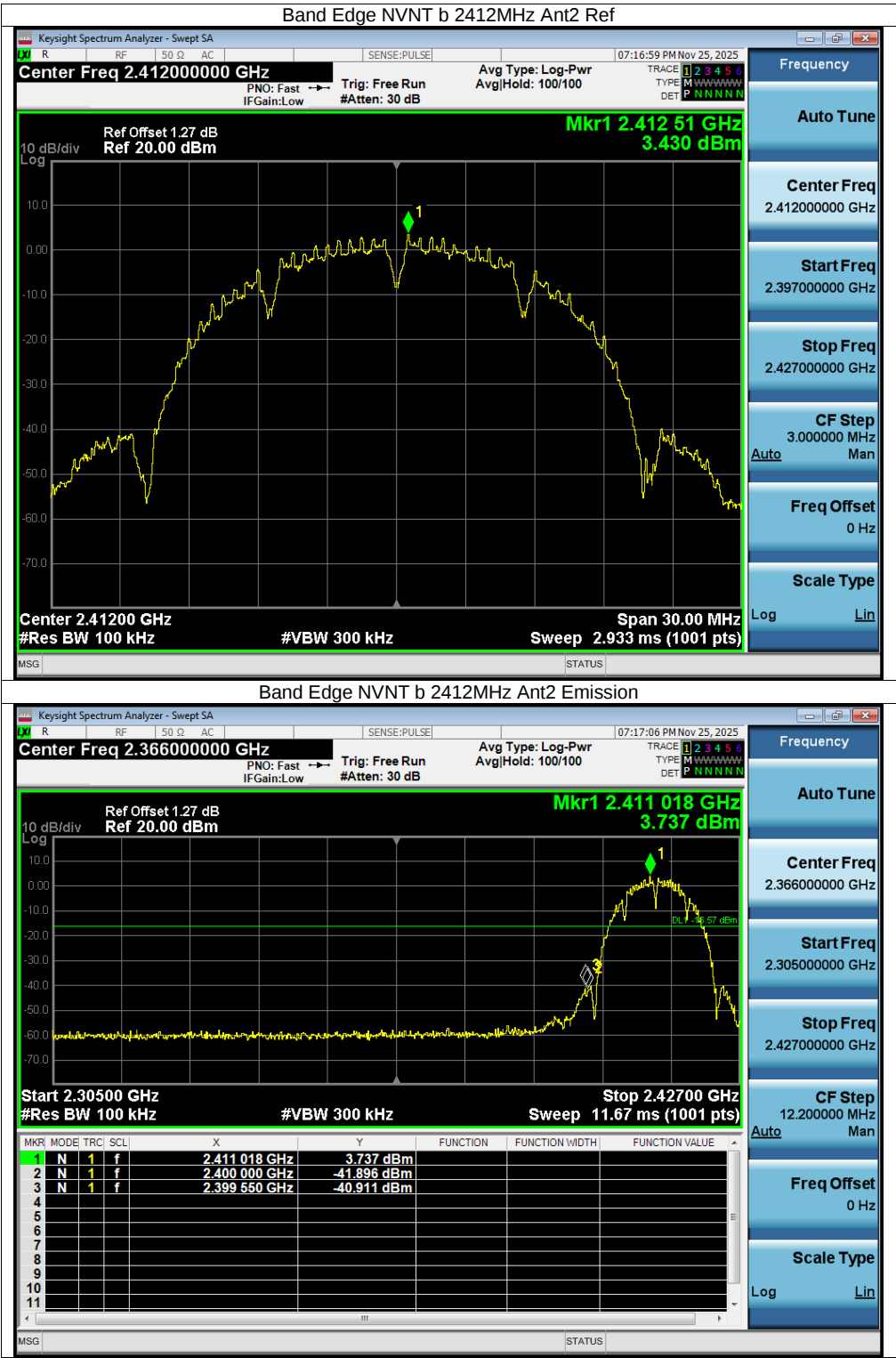


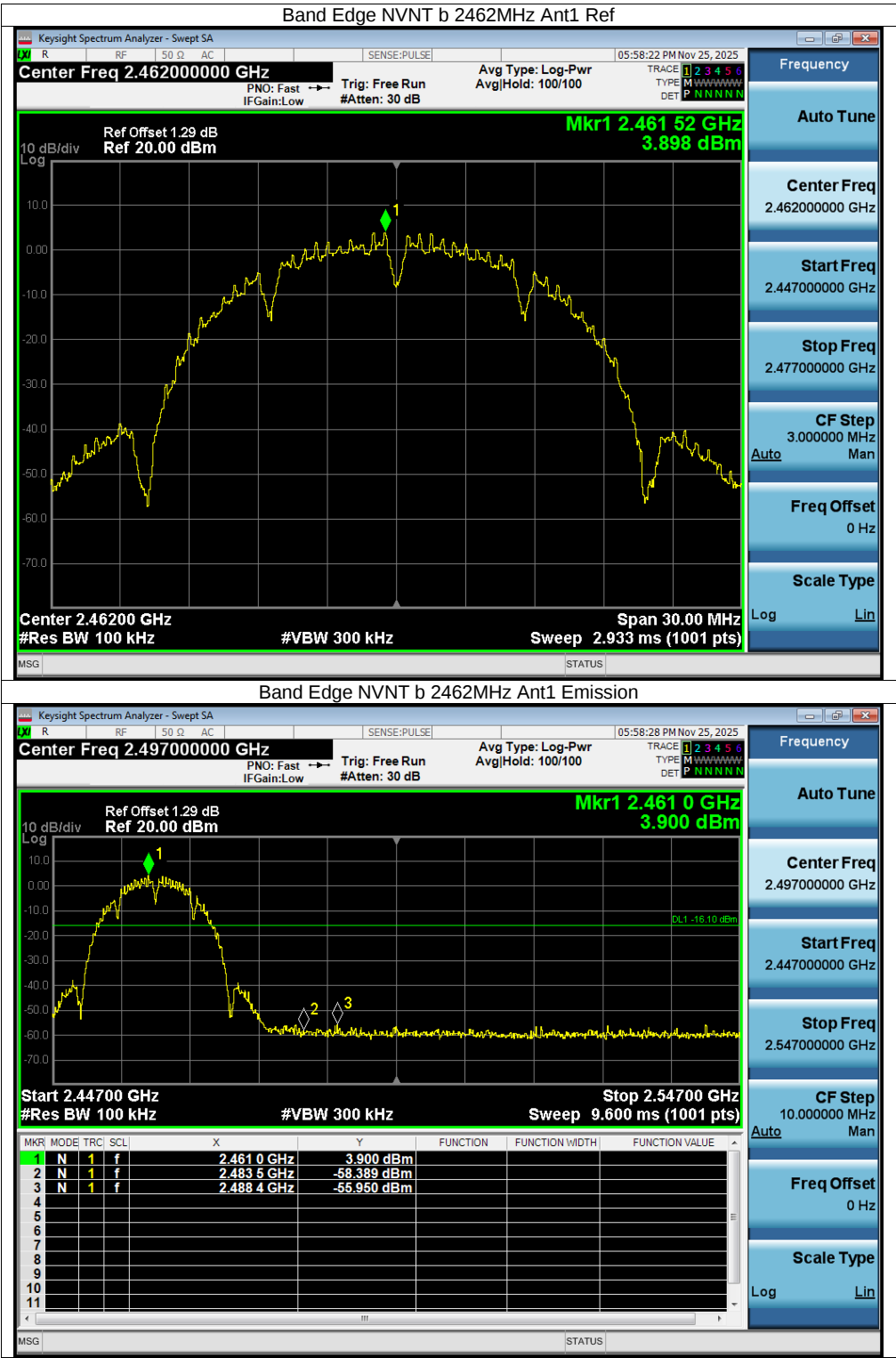


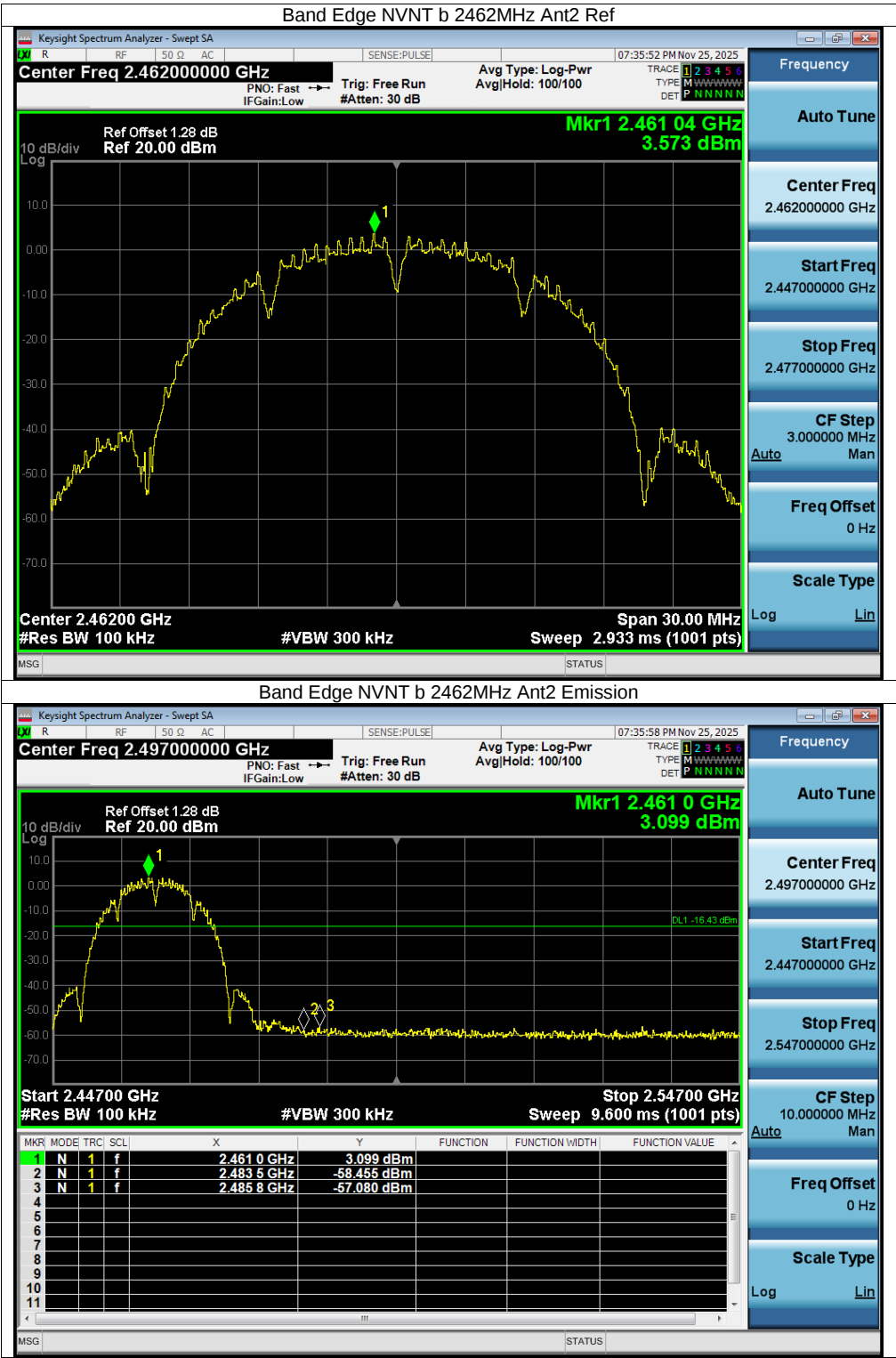
Band Edge

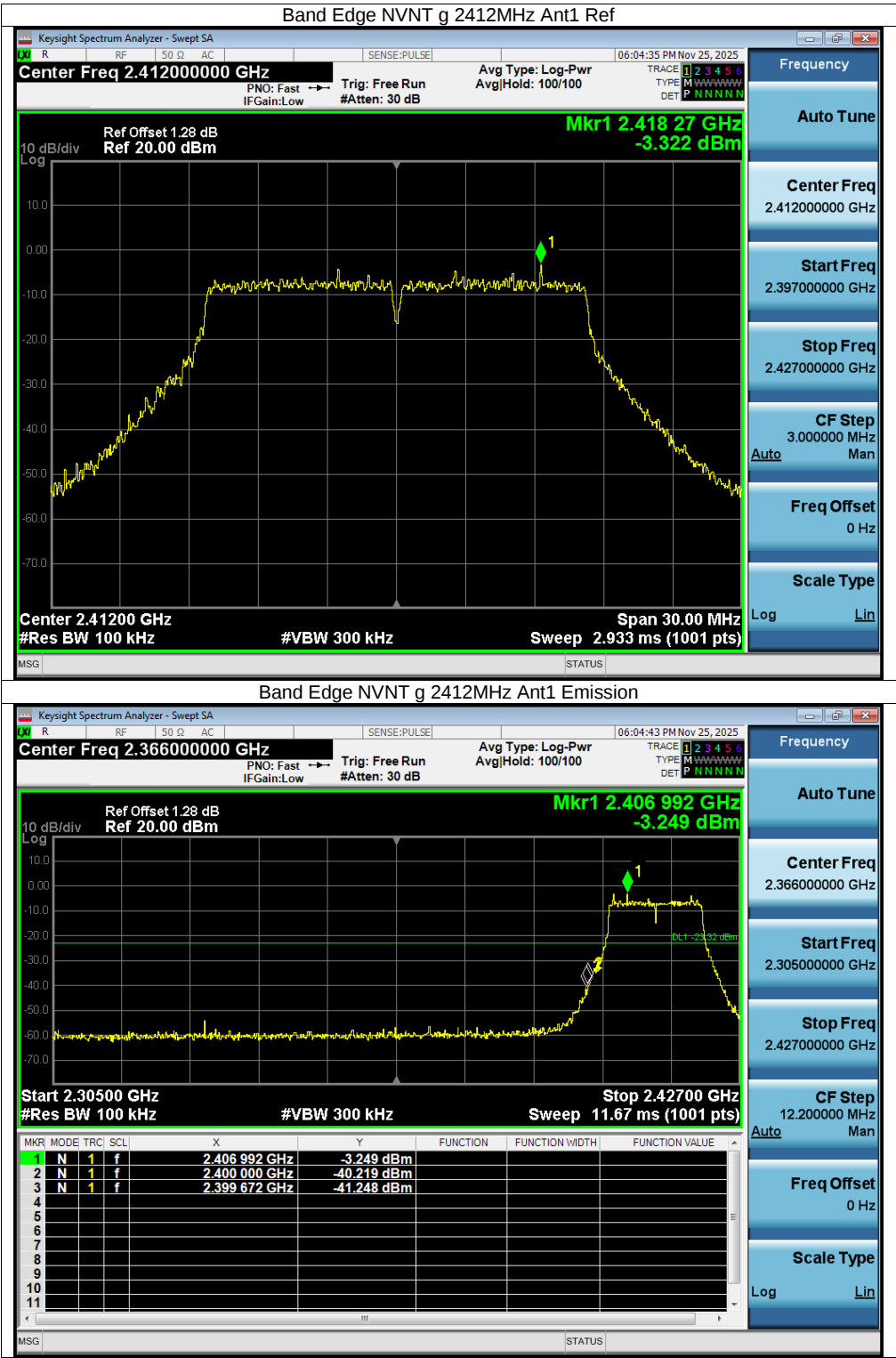
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-41.48	-20	Pass
NVNT	b	2412	Ant2	-44.34	-20	Pass
NVNT	b	2462	Ant1	-59.85	-20	Pass
NVNT	b	2462	Ant2	-60.65	-20	Pass
NVNT	g	2412	Ant1	-36.9	-20	Pass
NVNT	g	2412	Ant2	-37.36	-20	Pass
NVNT	g	2462	Ant1	-53.28	-20	Pass
NVNT	g	2462	Ant2	-54.14	-20	Pass
NVNT	n20	2412	Ant1	-36.37	-20	Pass
NVNT	n20	2412	Ant2	-39.43	-20	Pass
NVNT	n20	2462	Ant1	-52.02	-20	Pass
NVNT	n20	2462	Ant2	-52.21	-20	Pass
NVNT	n40	2422	Ant1	-46.93	-20	Pass
NVNT	n40	2422	Ant2	-47.15	-20	Pass
NVNT	n40	2452	Ant1	-49.5	-20	Pass
NVNT	n40	2452	Ant2	-50.38	-20	Pass

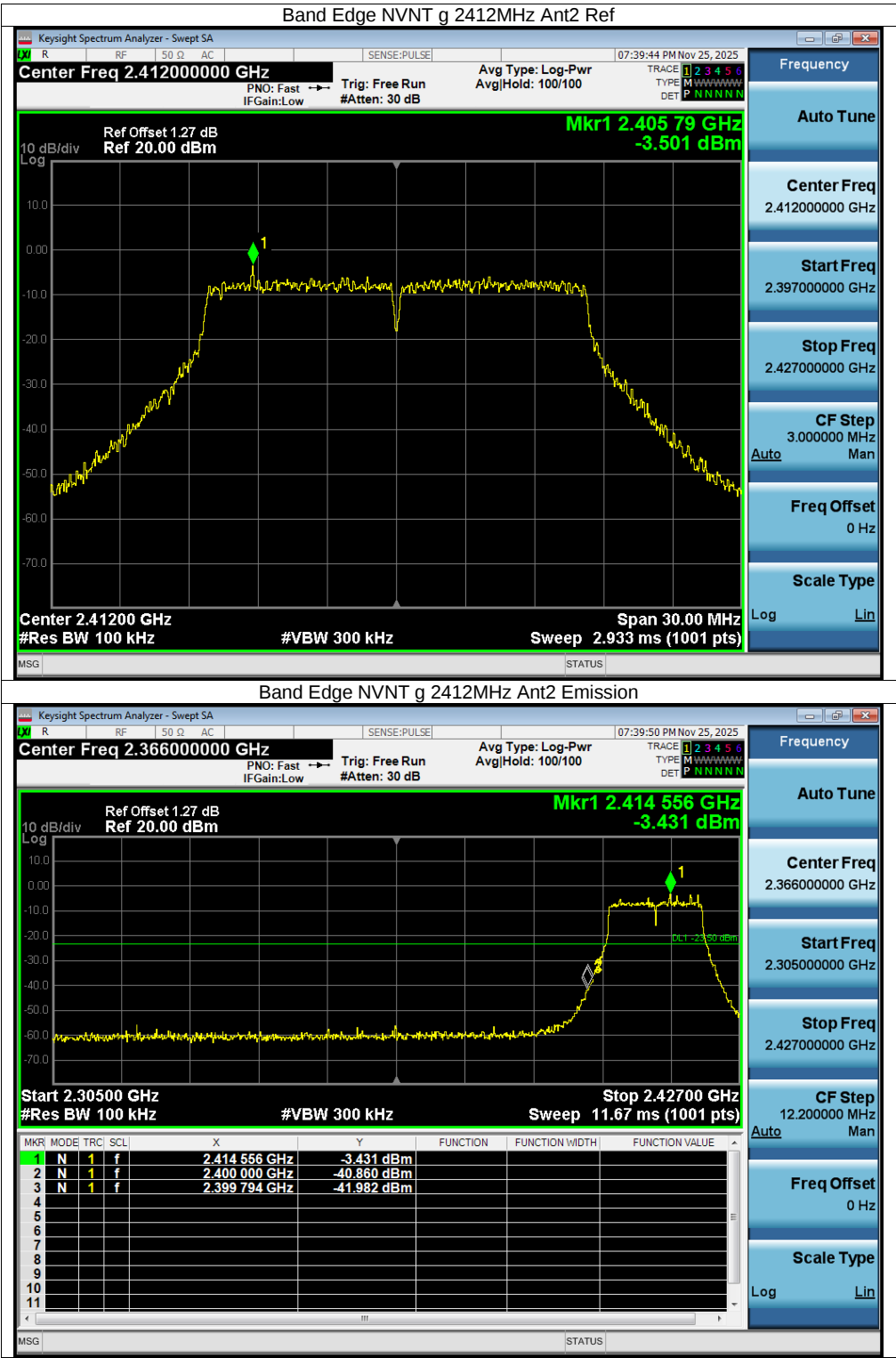


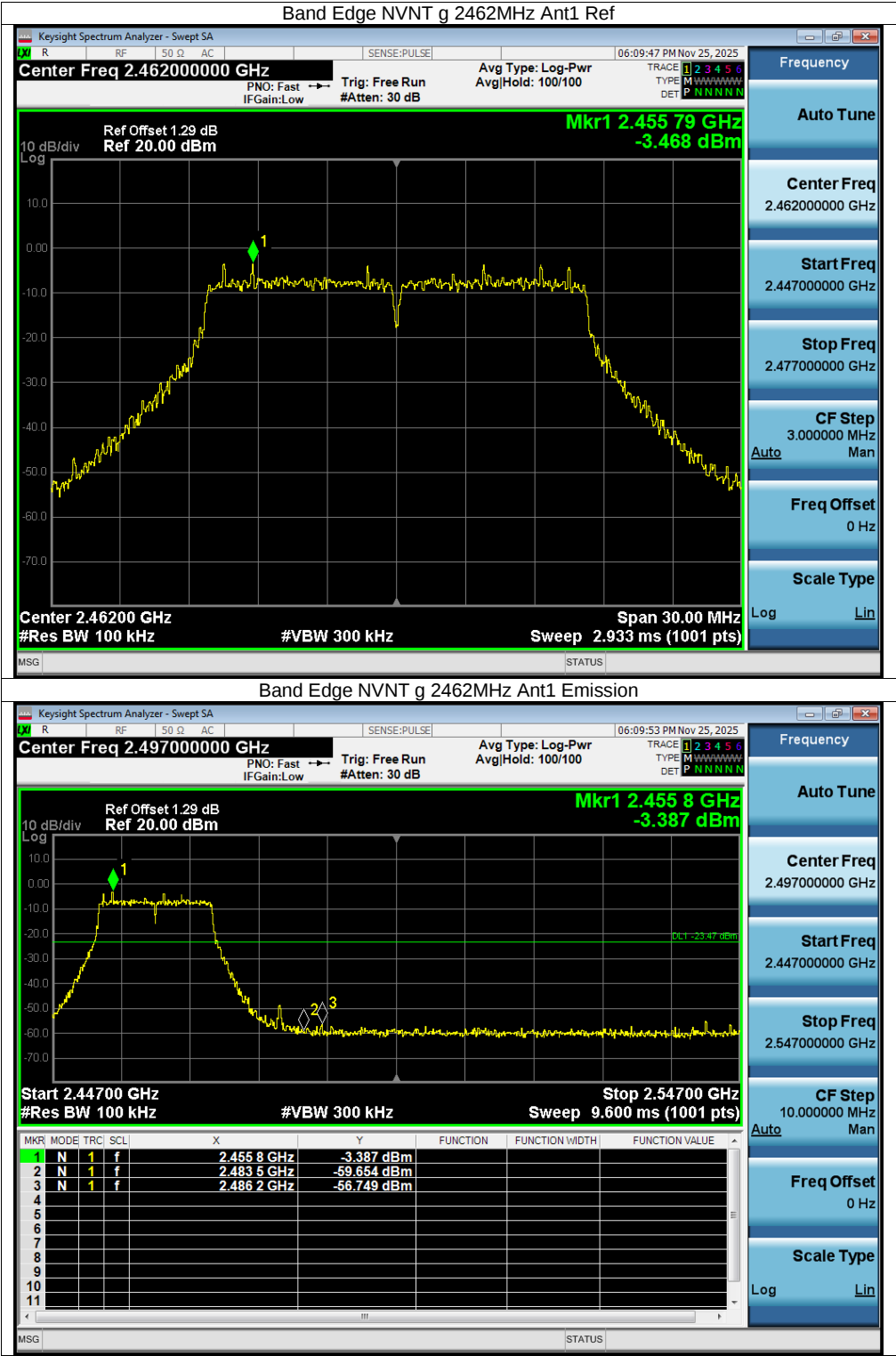




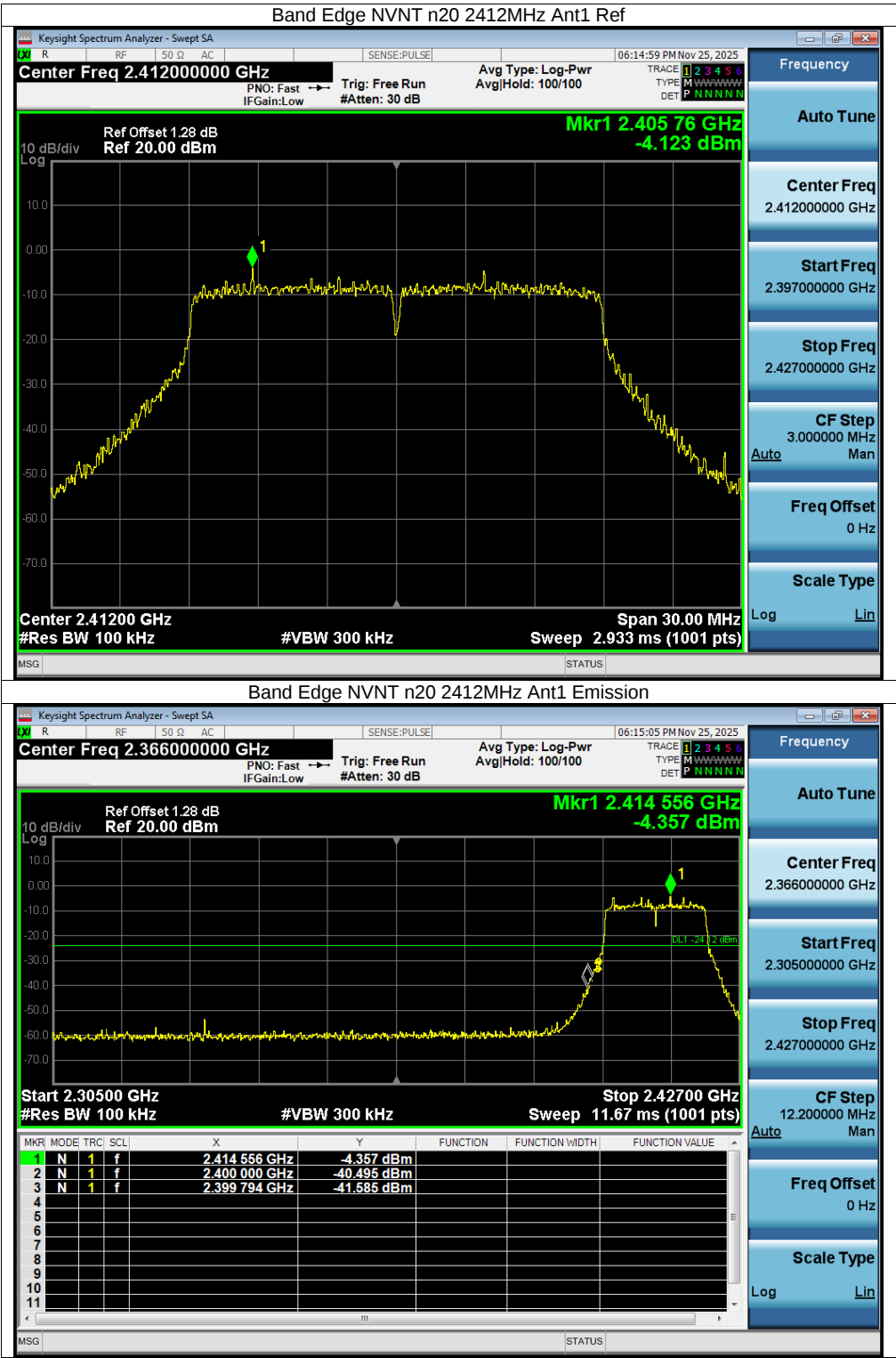


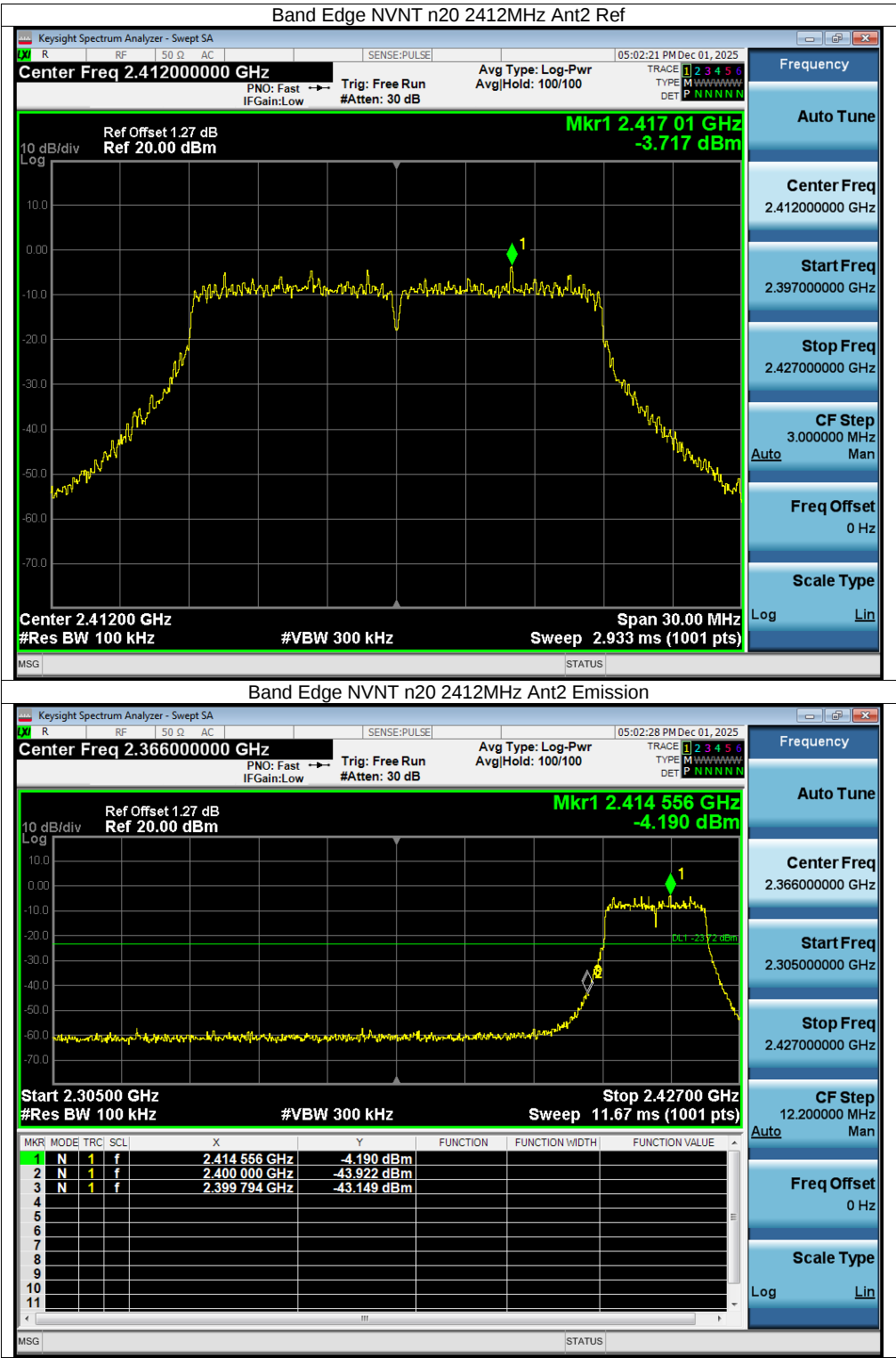


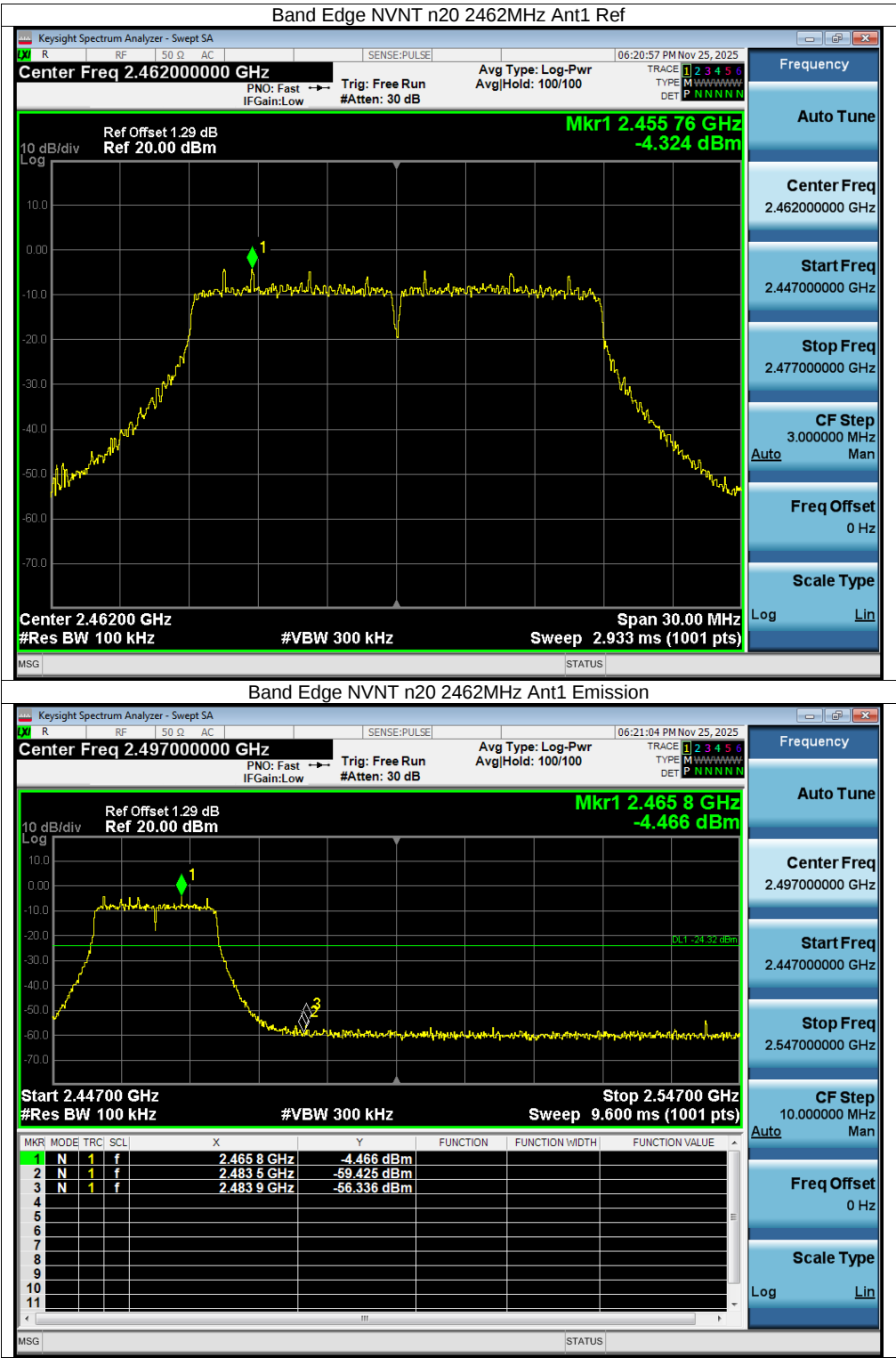


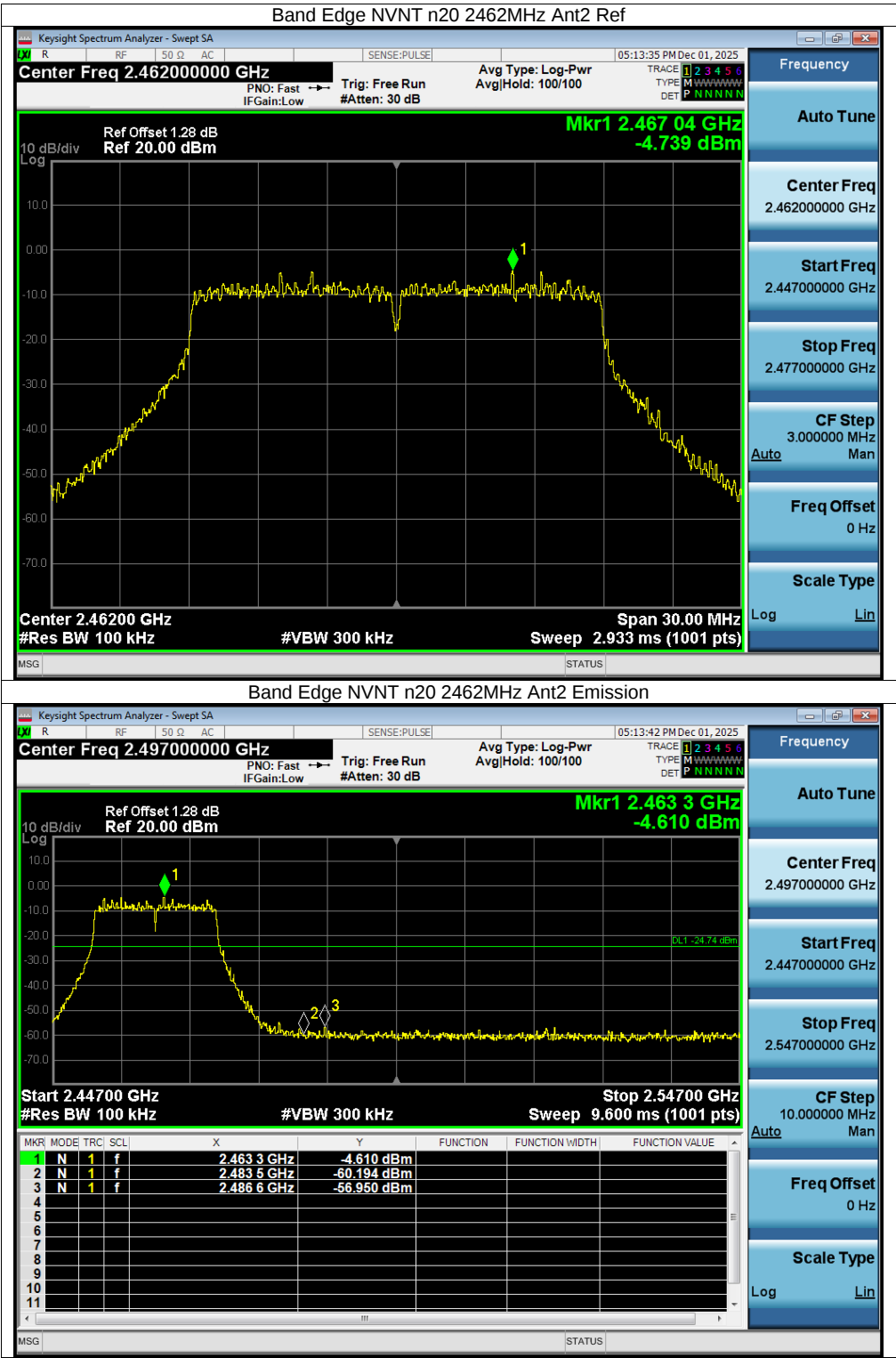


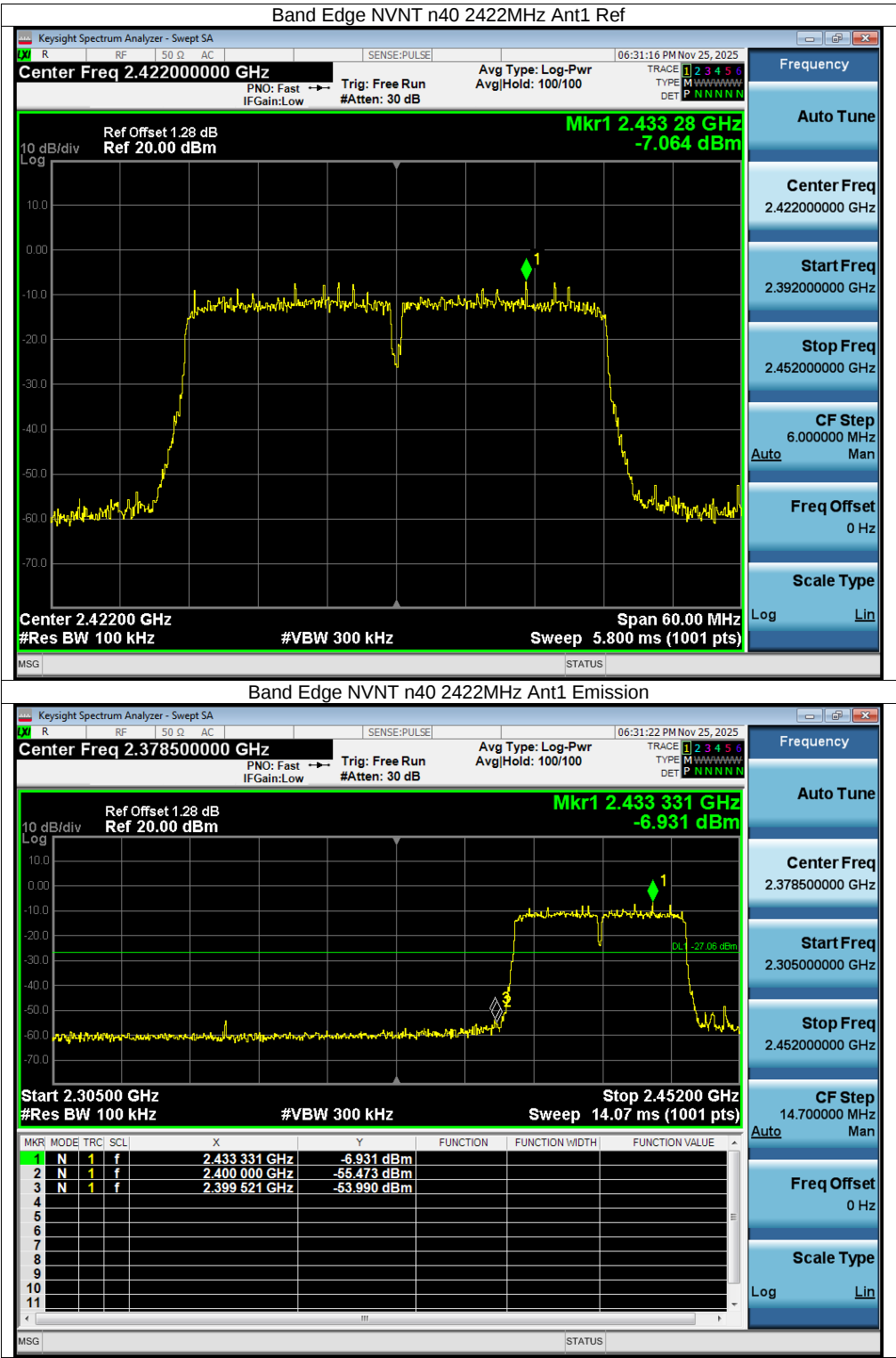


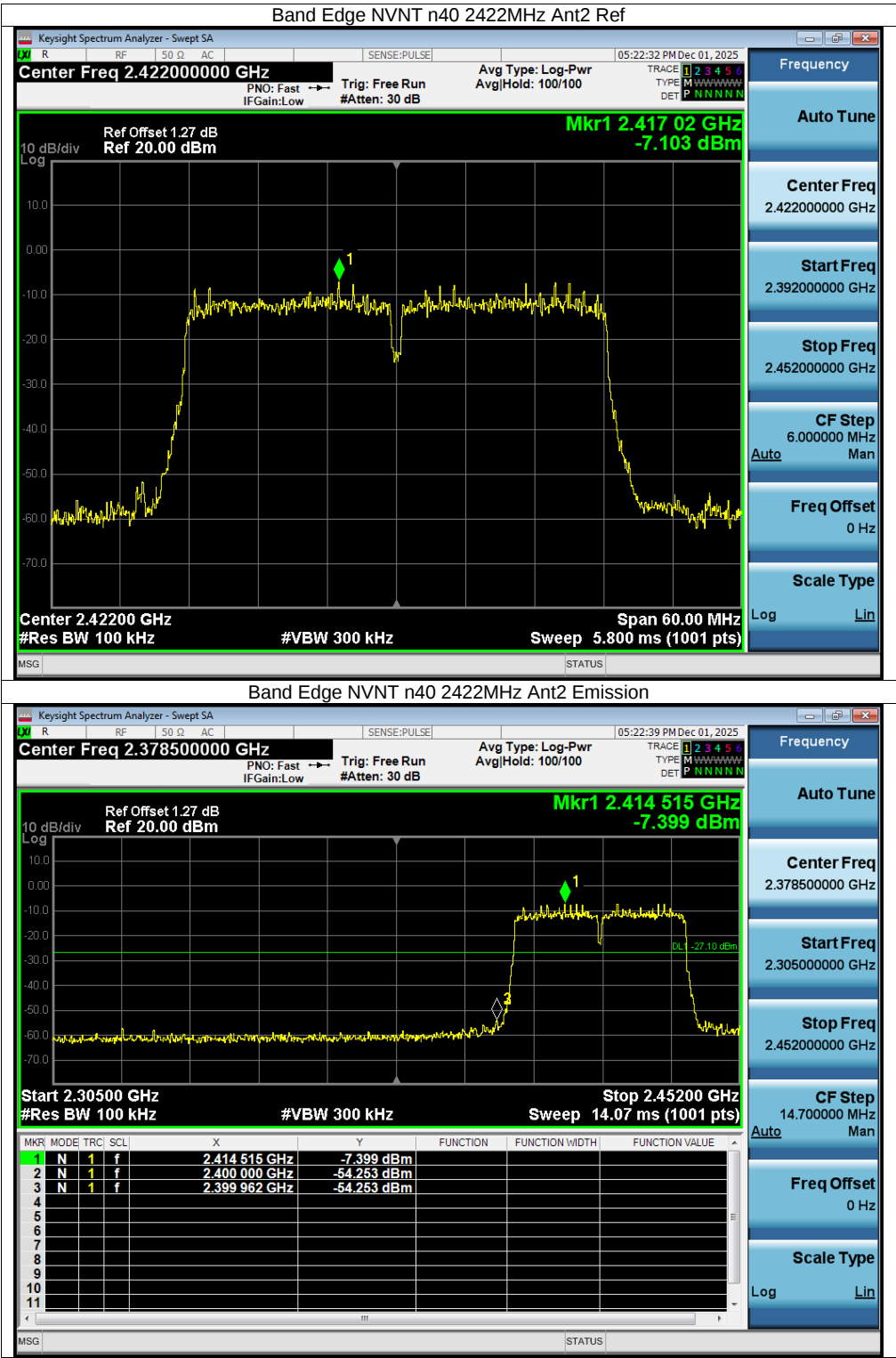


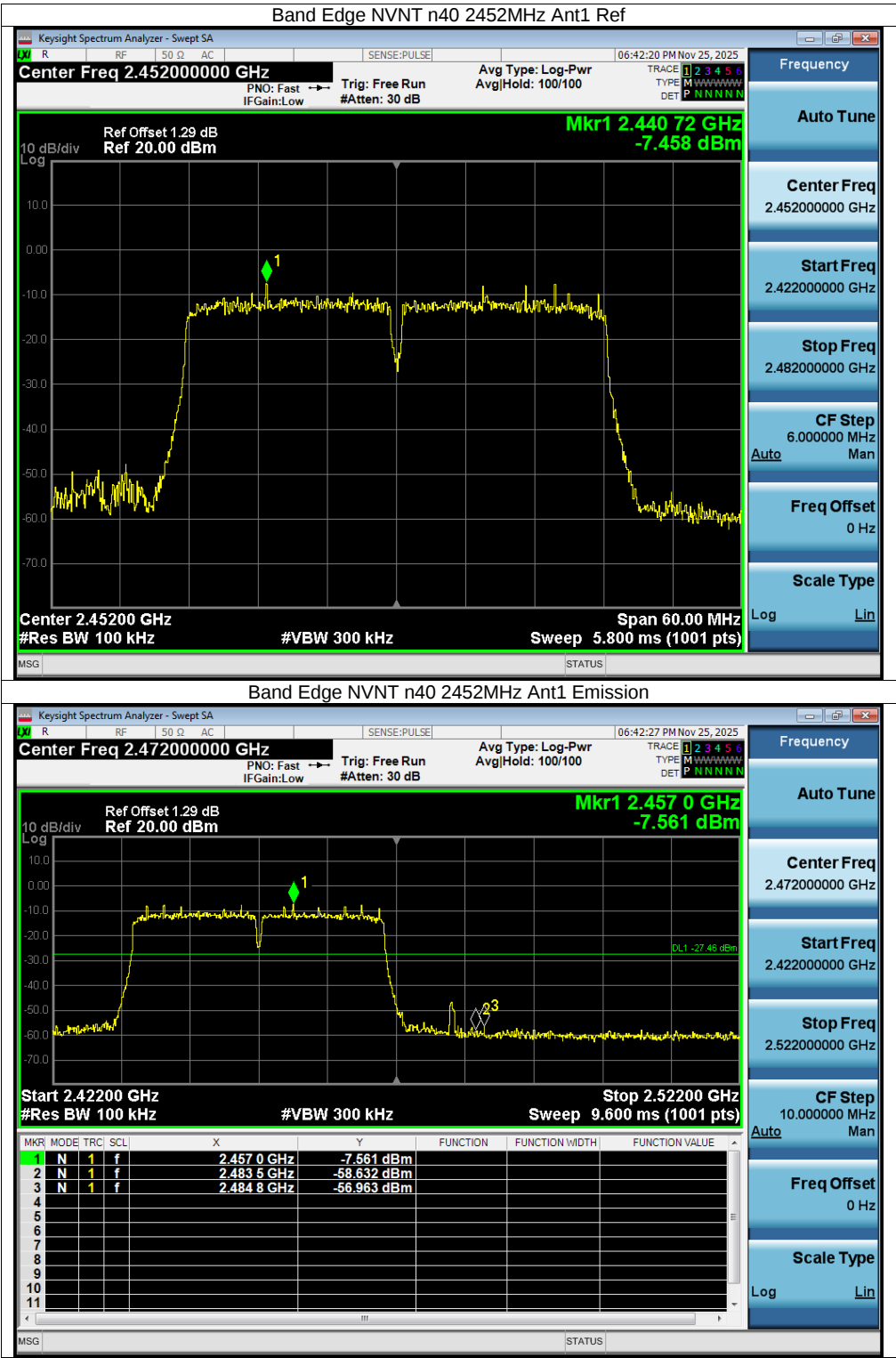


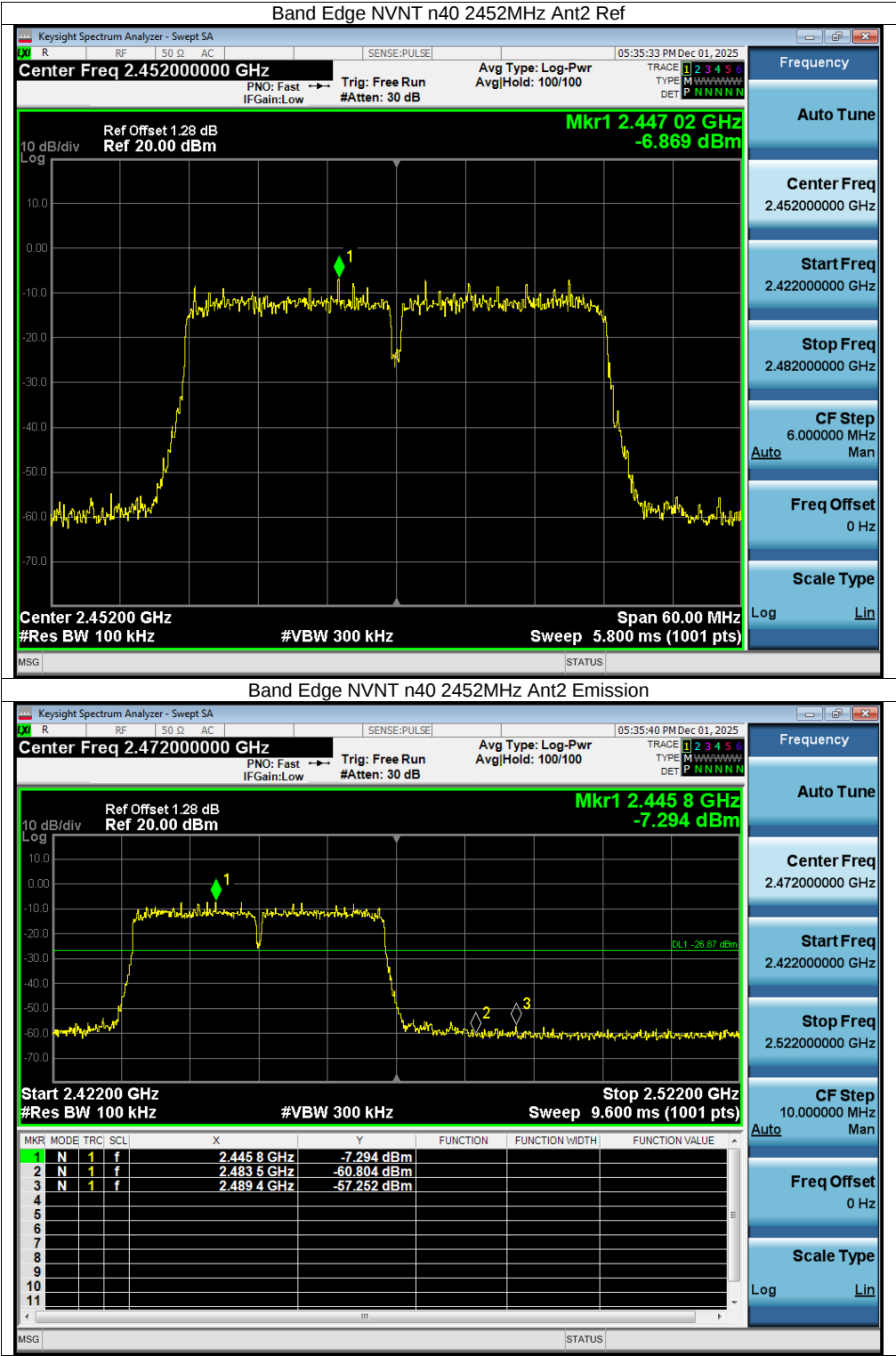






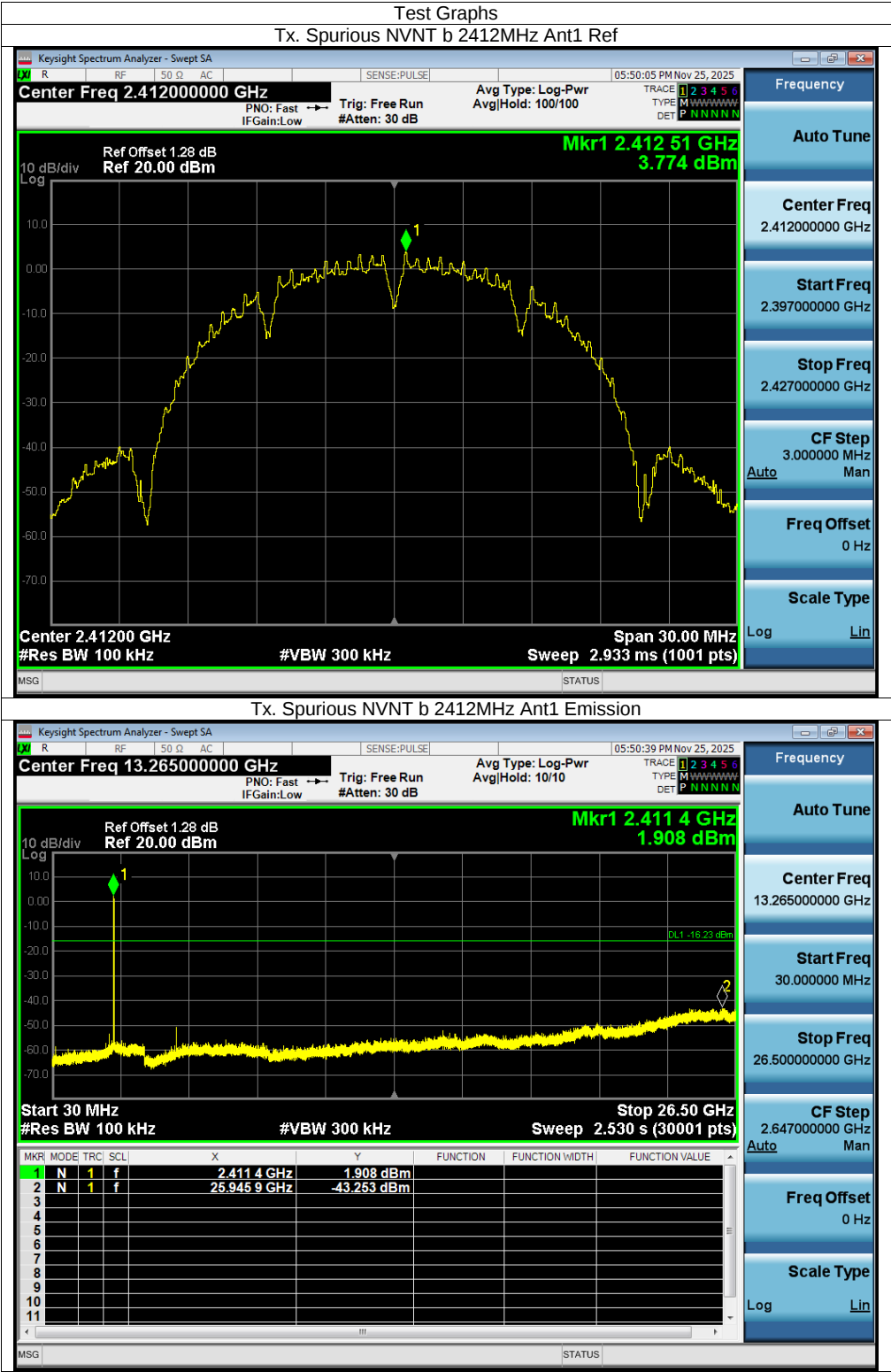


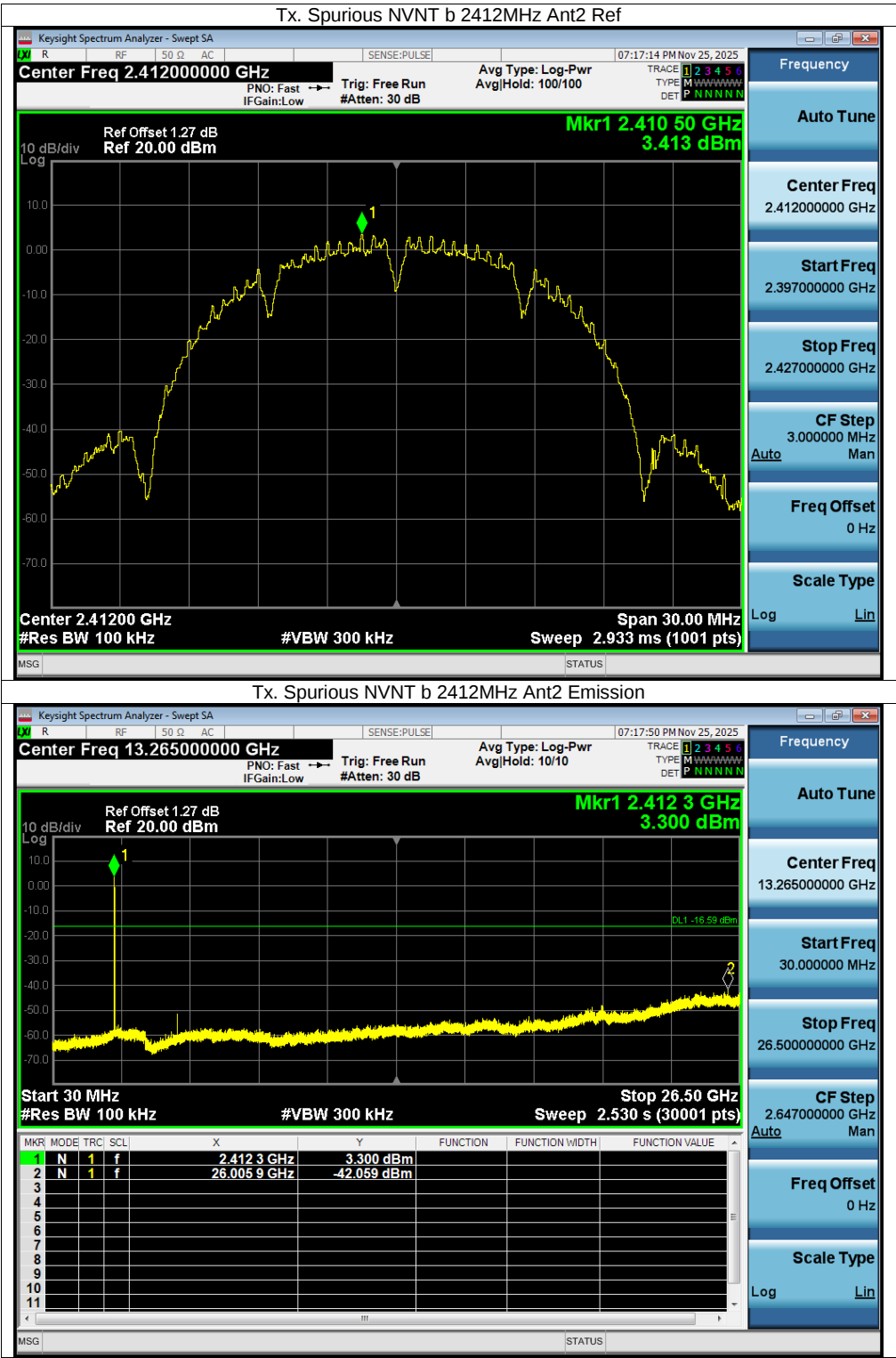


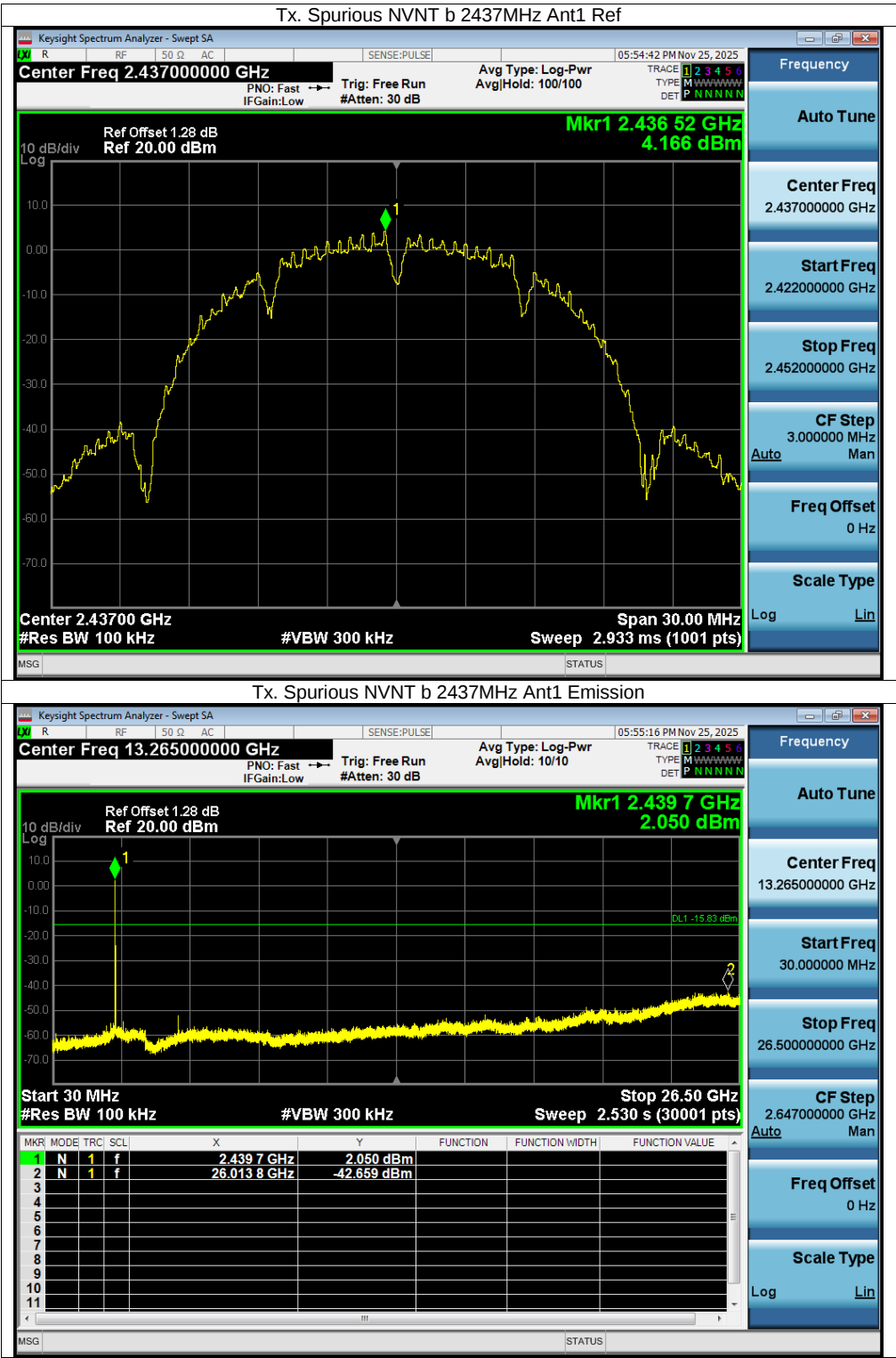


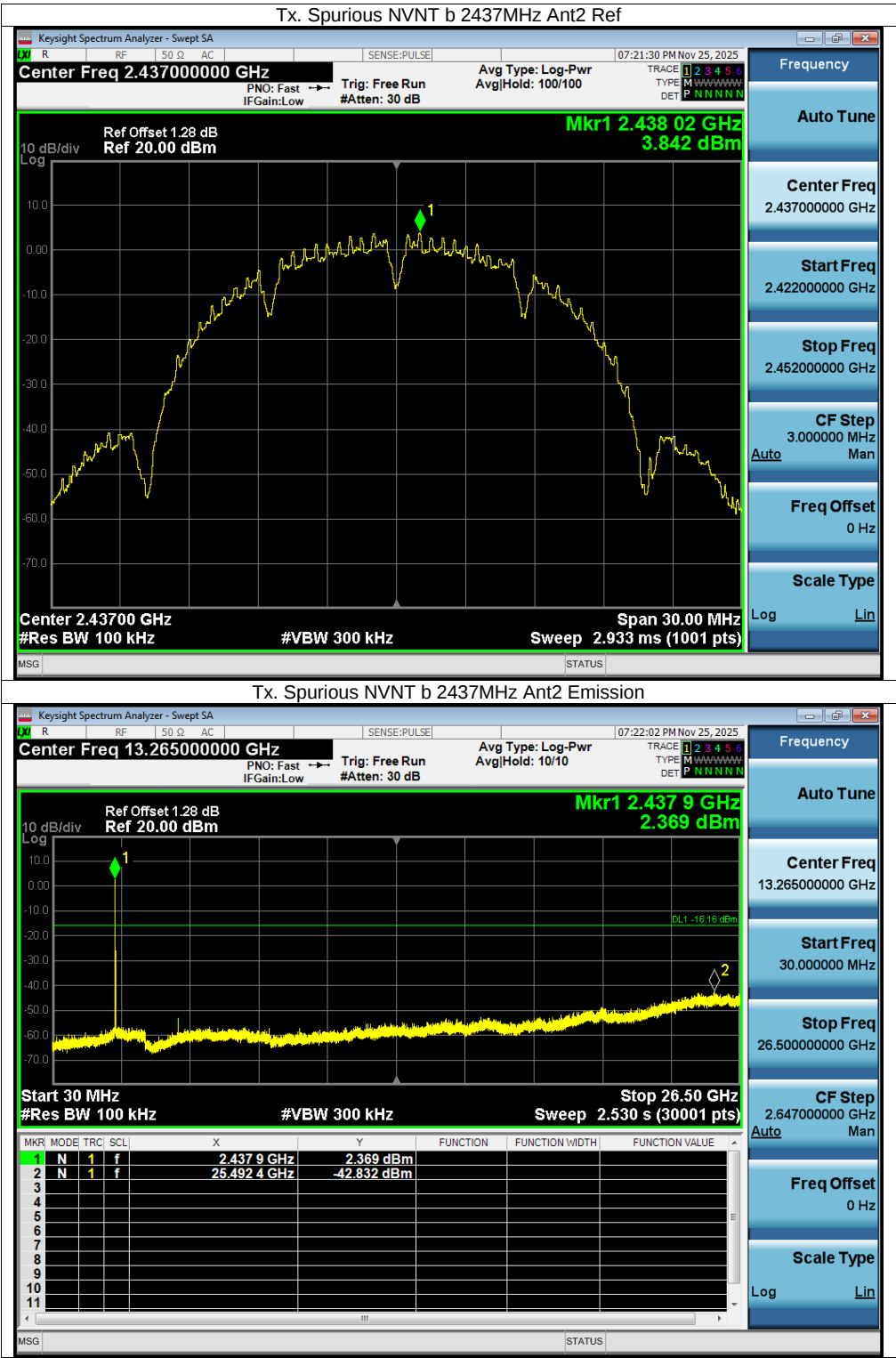
Conducted RF Spurious Emission

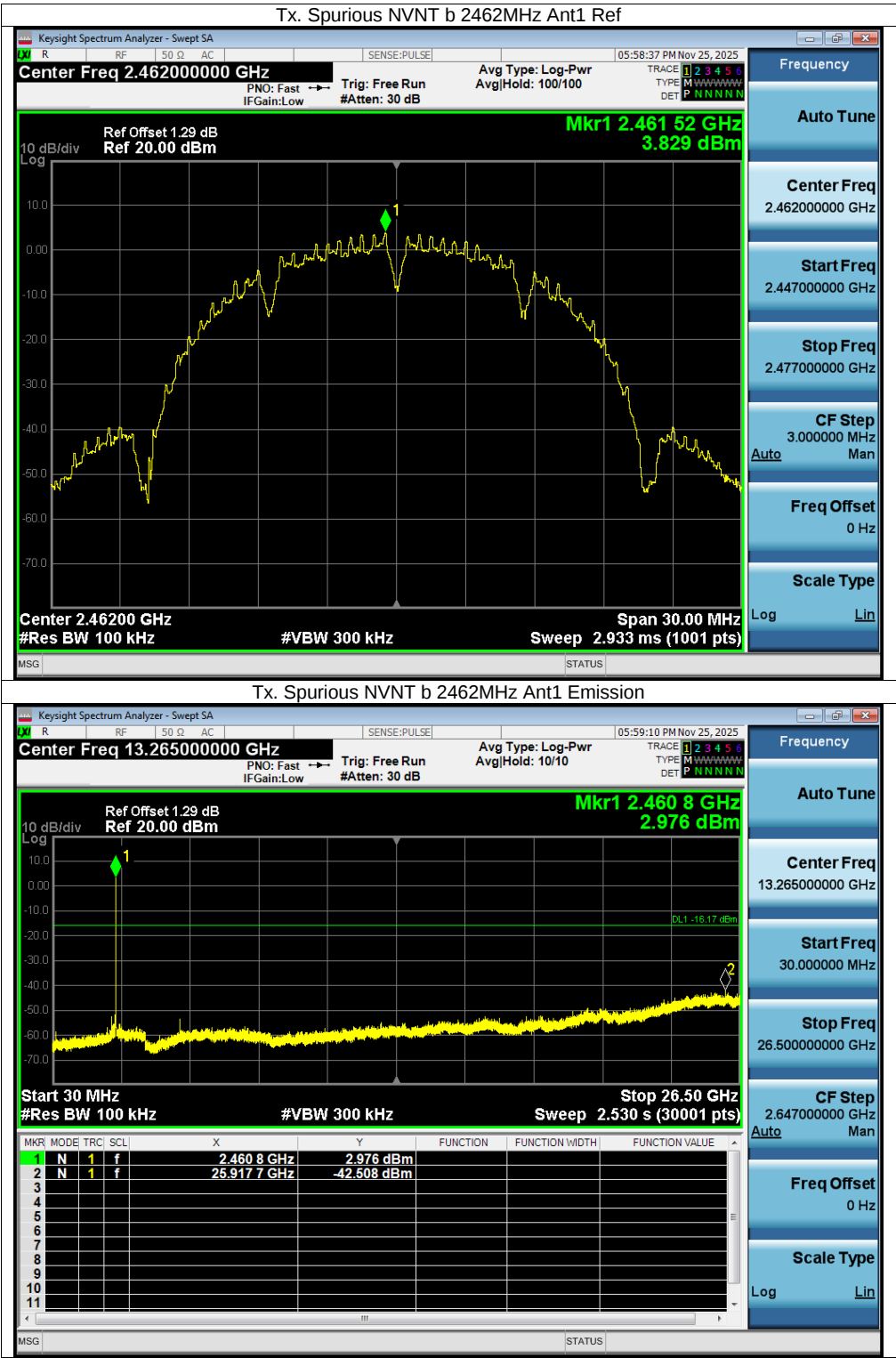
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.02	-20	Pass
NVNT	b	2412	Ant2	-45.47	-20	Pass
NVNT	b	2437	Ant1	-46.83	-20	Pass
NVNT	b	2437	Ant2	-46.67	-20	Pass
NVNT	b	2462	Ant1	-46.34	-20	Pass
NVNT	b	2462	Ant2	-47.25	-20	Pass
NVNT	g	2412	Ant1	-39.66	-20	Pass
NVNT	g	2412	Ant2	-37.64	-20	Pass
NVNT	g	2437	Ant1	-39.34	-20	Pass
NVNT	g	2437	Ant2	-39.3	-20	Pass
NVNT	g	2462	Ant1	-38.28	-20	Pass
NVNT	g	2462	Ant2	-37.37	-20	Pass
NVNT	n20	2412	Ant1	-37.83	-20	Pass
NVNT	n20	2412	Ant2	-37.93	-20	Pass
NVNT	n20	2437	Ant1	-38.99	-20	Pass
NVNT	n20	2437	Ant2	-39.3	-20	Pass
NVNT	n20	2462	Ant1	-38.32	-20	Pass
NVNT	n20	2462	Ant2	-39.41	-20	Pass
NVNT	n40	2422	Ant1	-35.25	-20	Pass
NVNT	n40	2422	Ant2	-35.25	-20	Pass
NVNT	n40	2437	Ant1	-35.92	-20	Pass
NVNT	n40	2437	Ant2	-36.33	-20	Pass
NVNT	n40	2452	Ant1	-34.91	-20	Pass
NVNT	n40	2452	Ant2	-35.68	-20	Pass

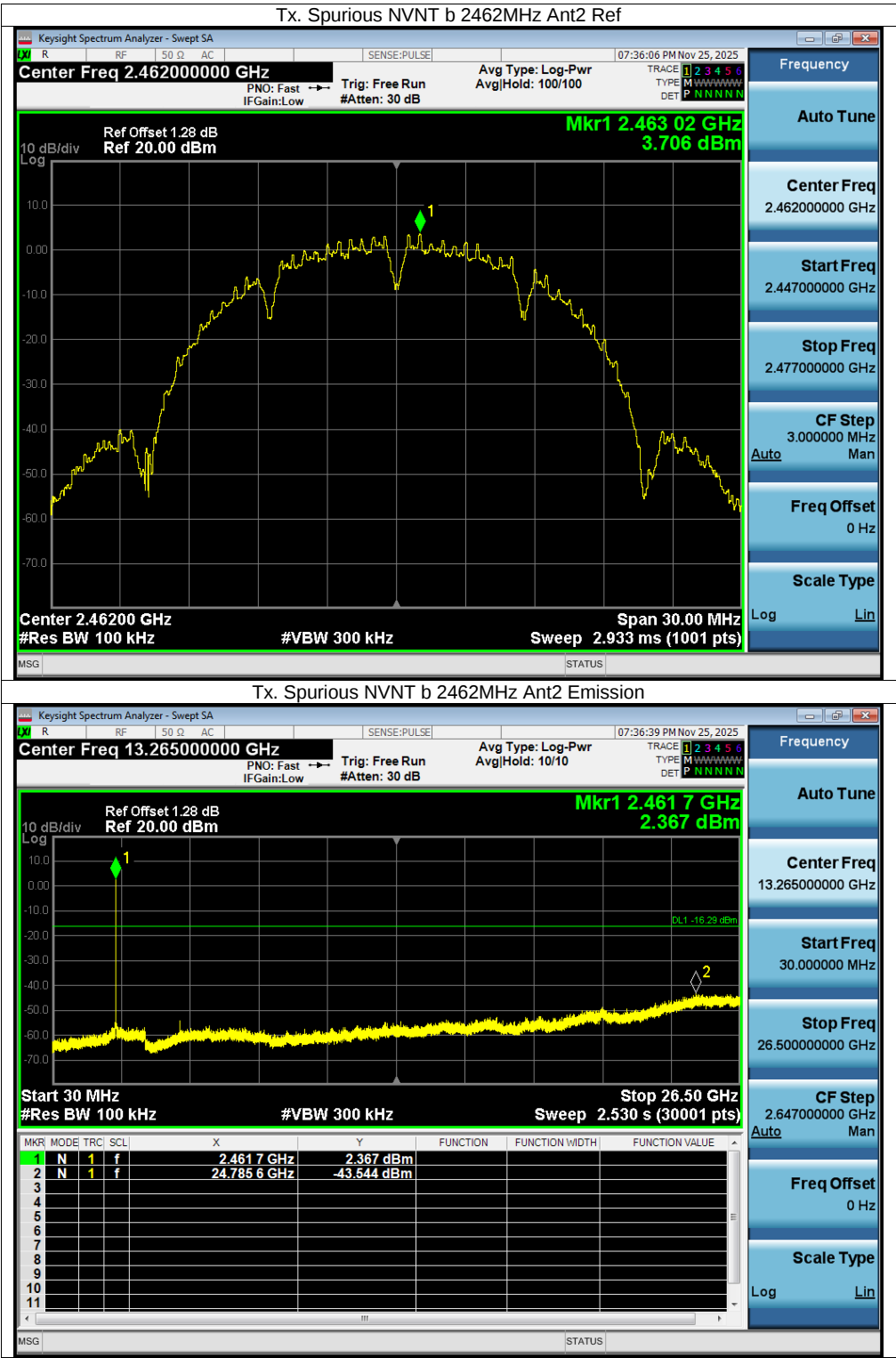


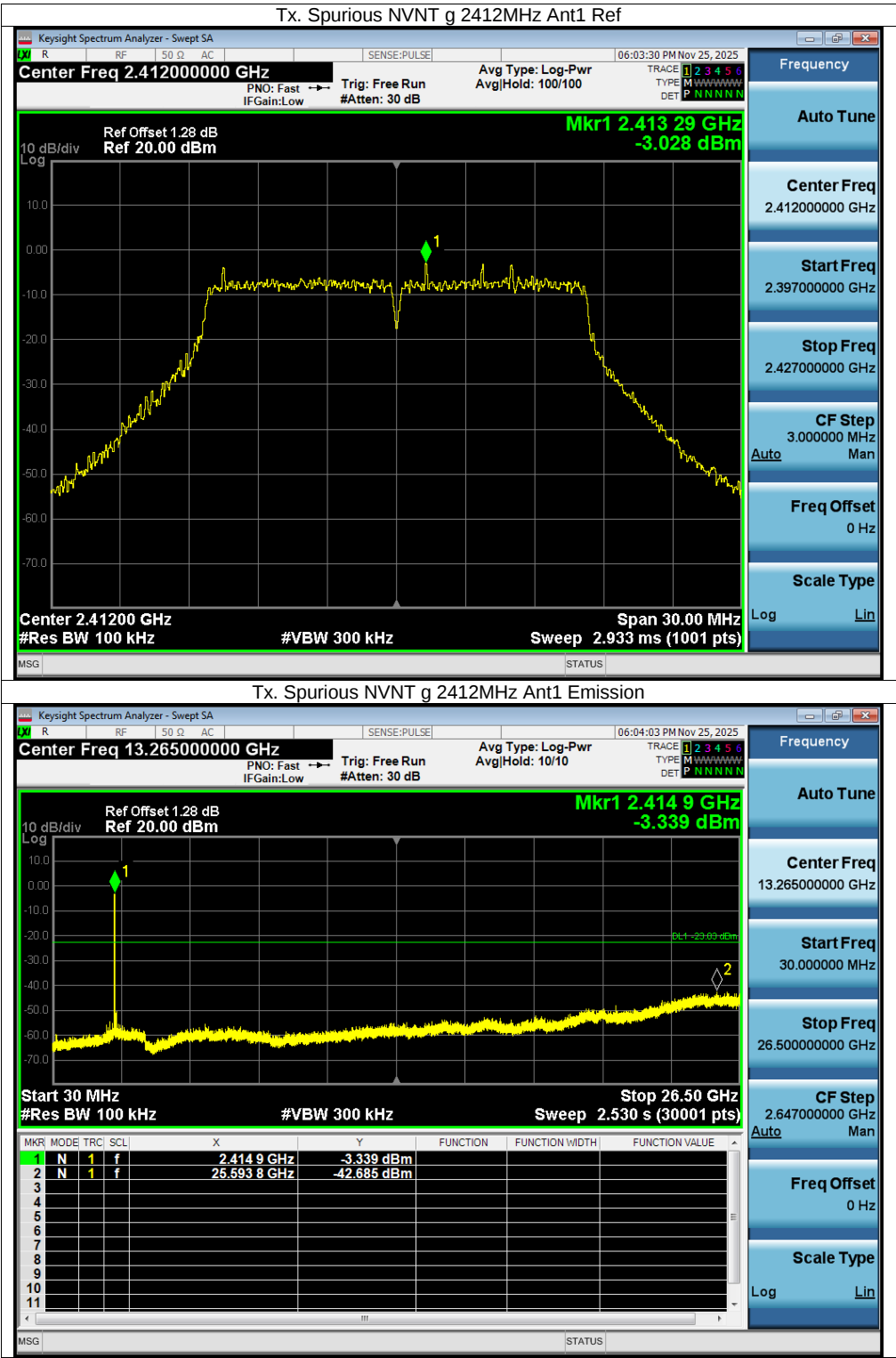


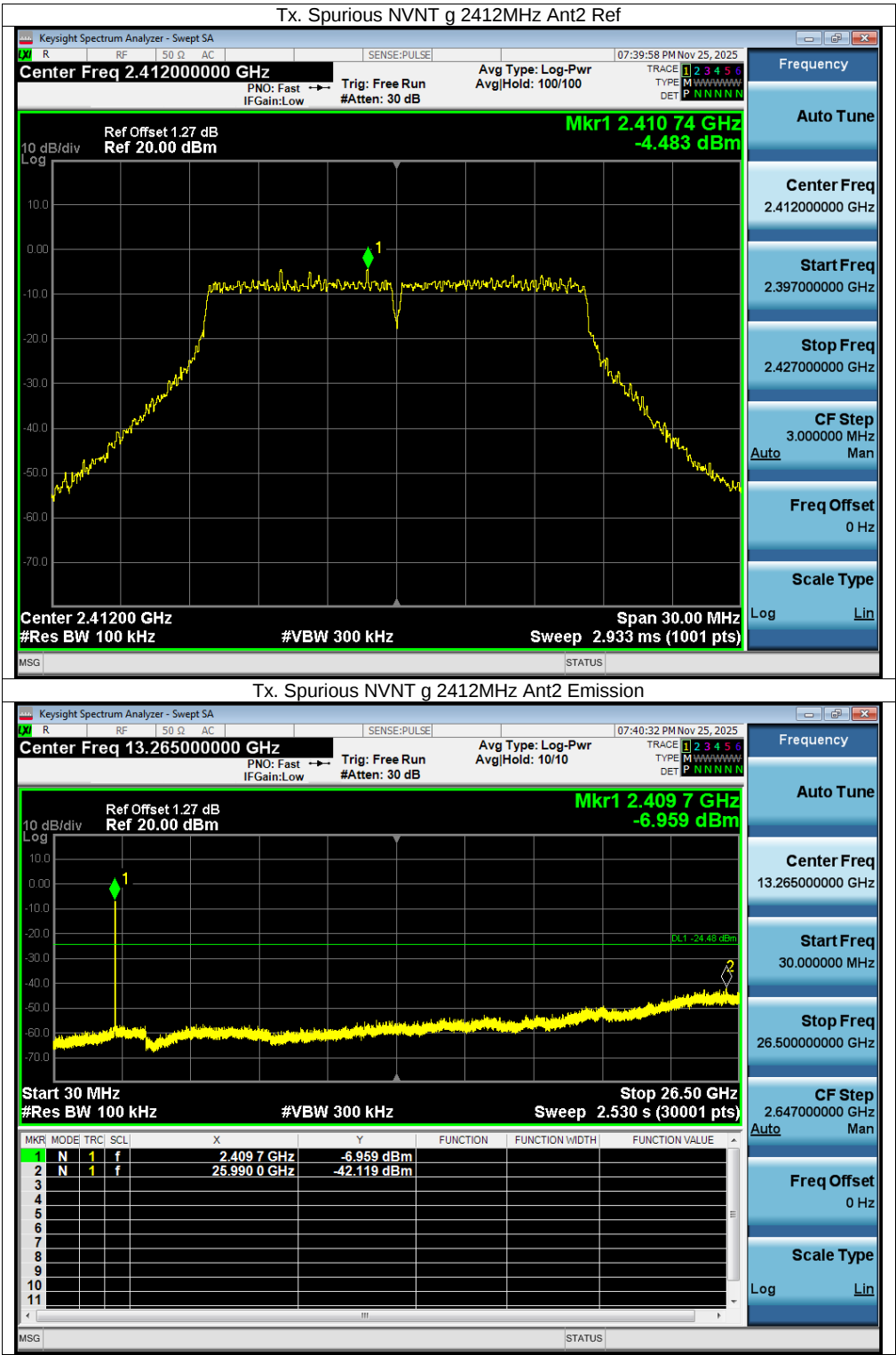


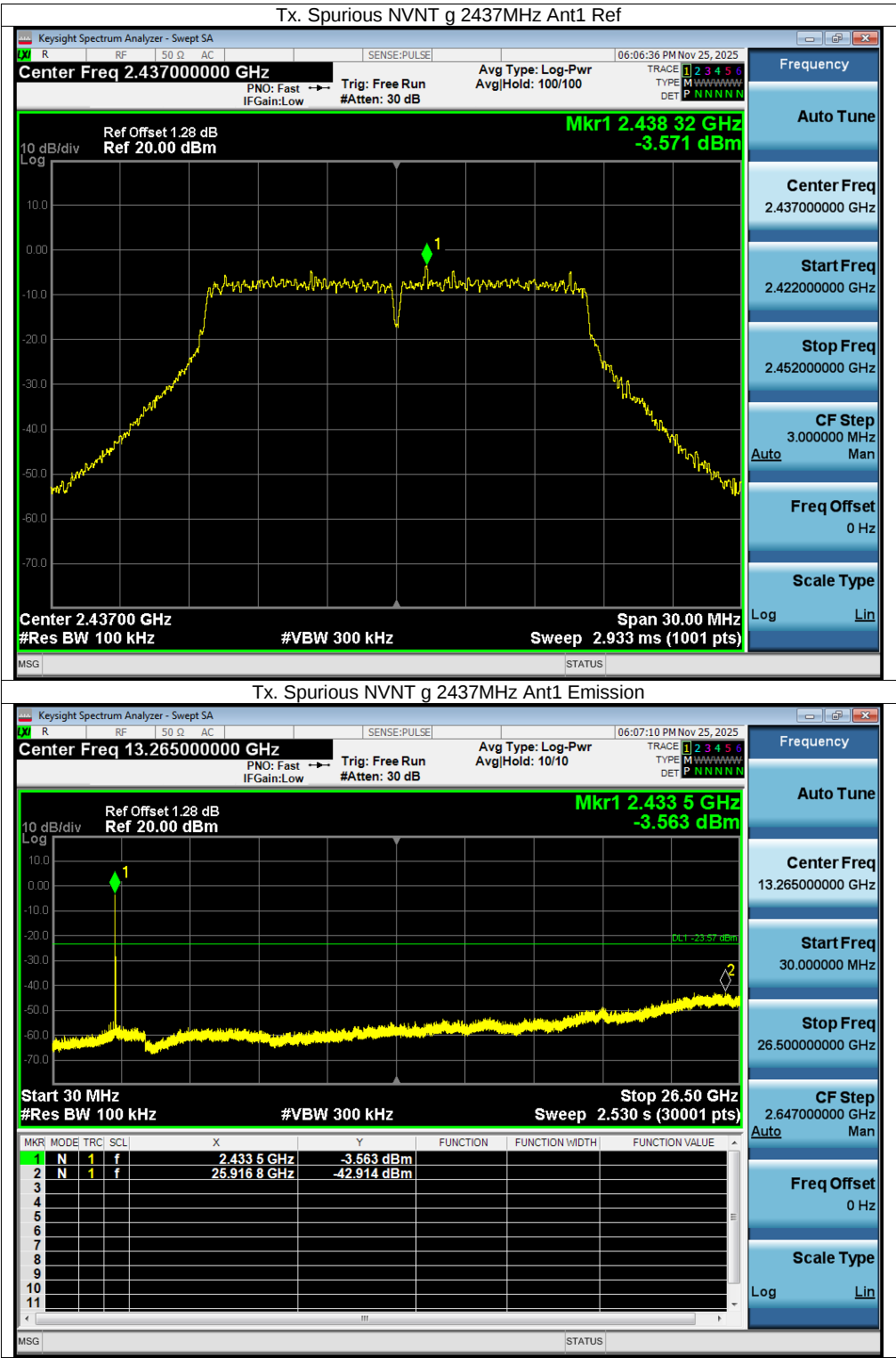


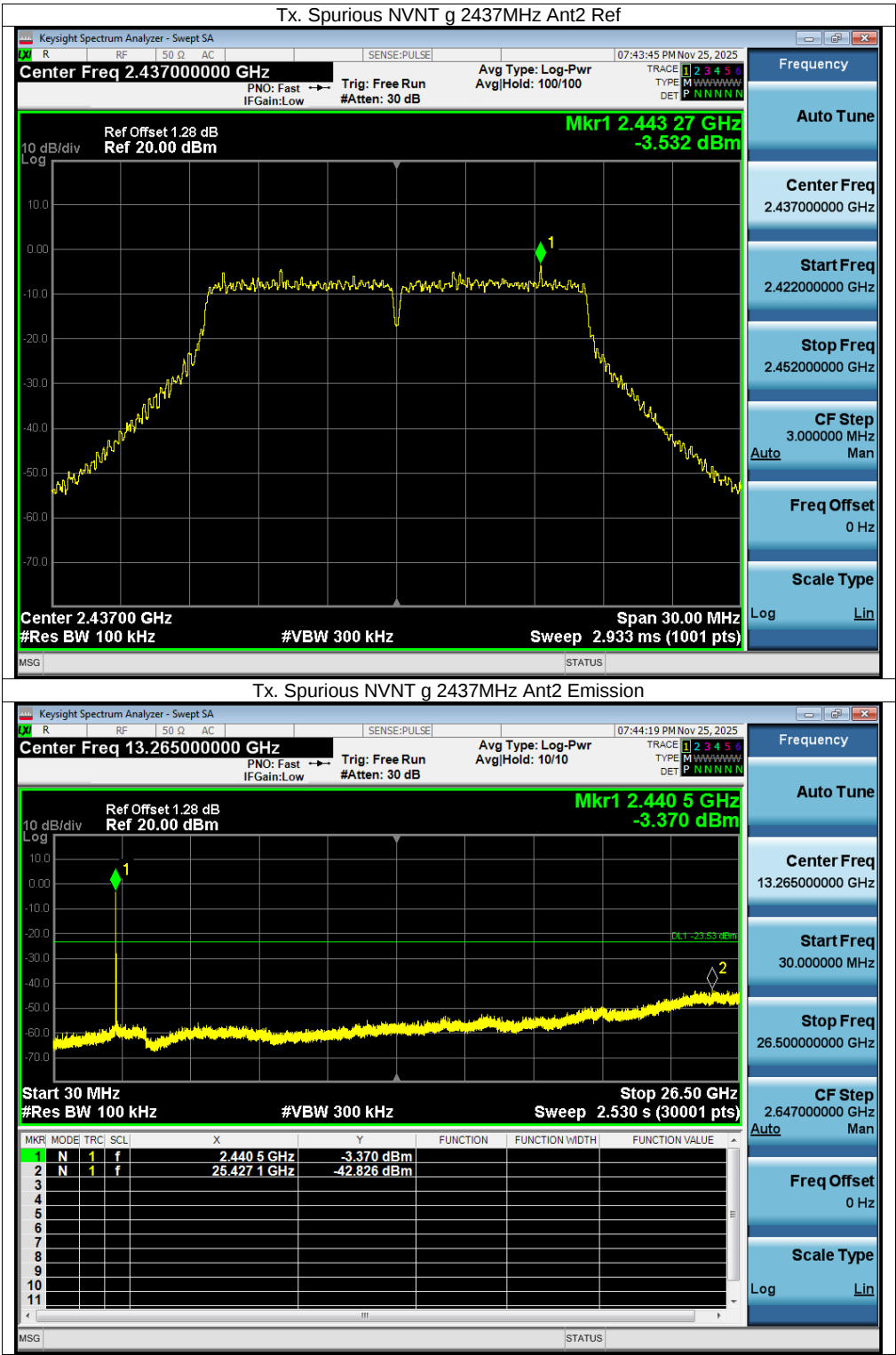


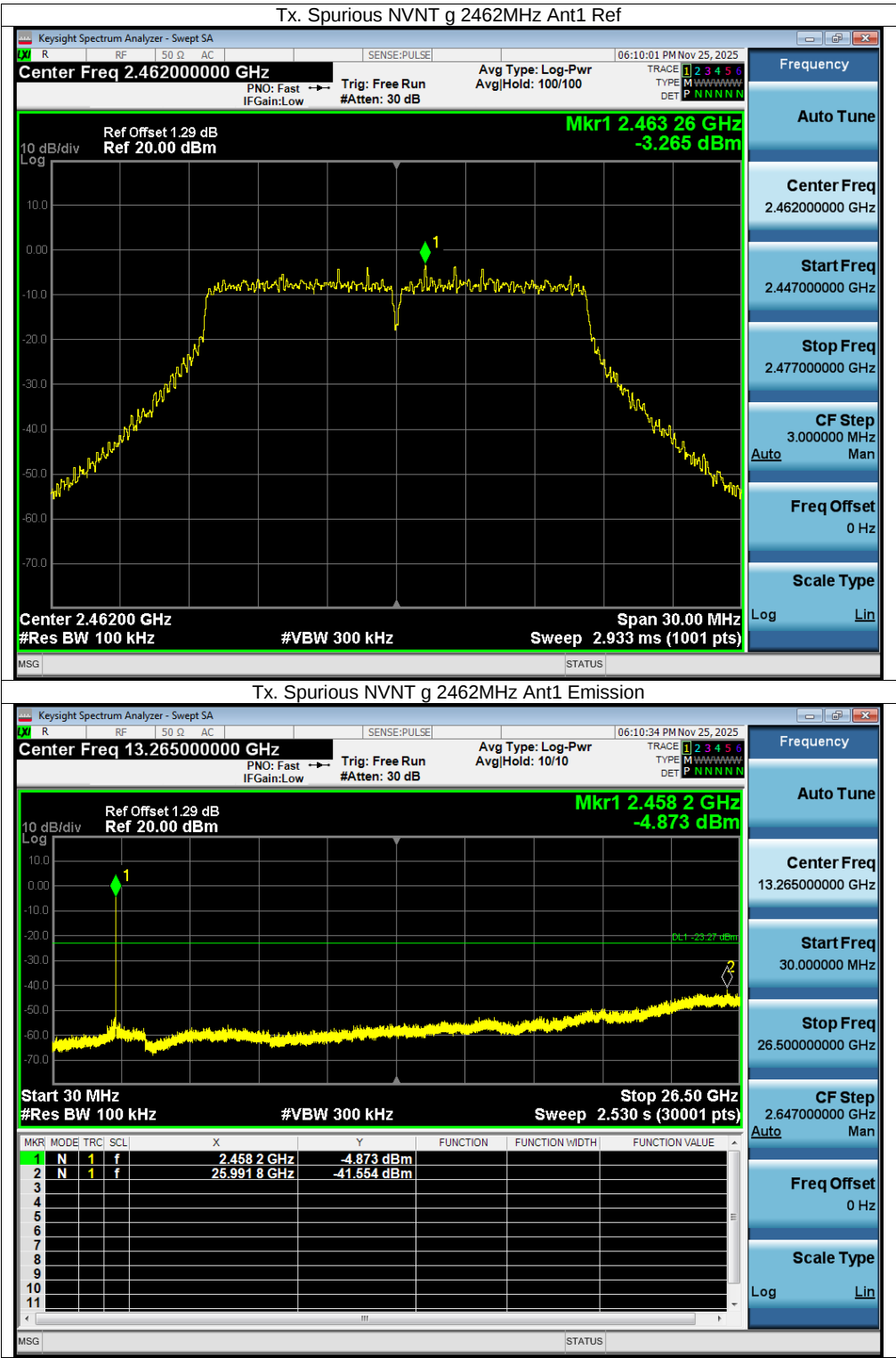


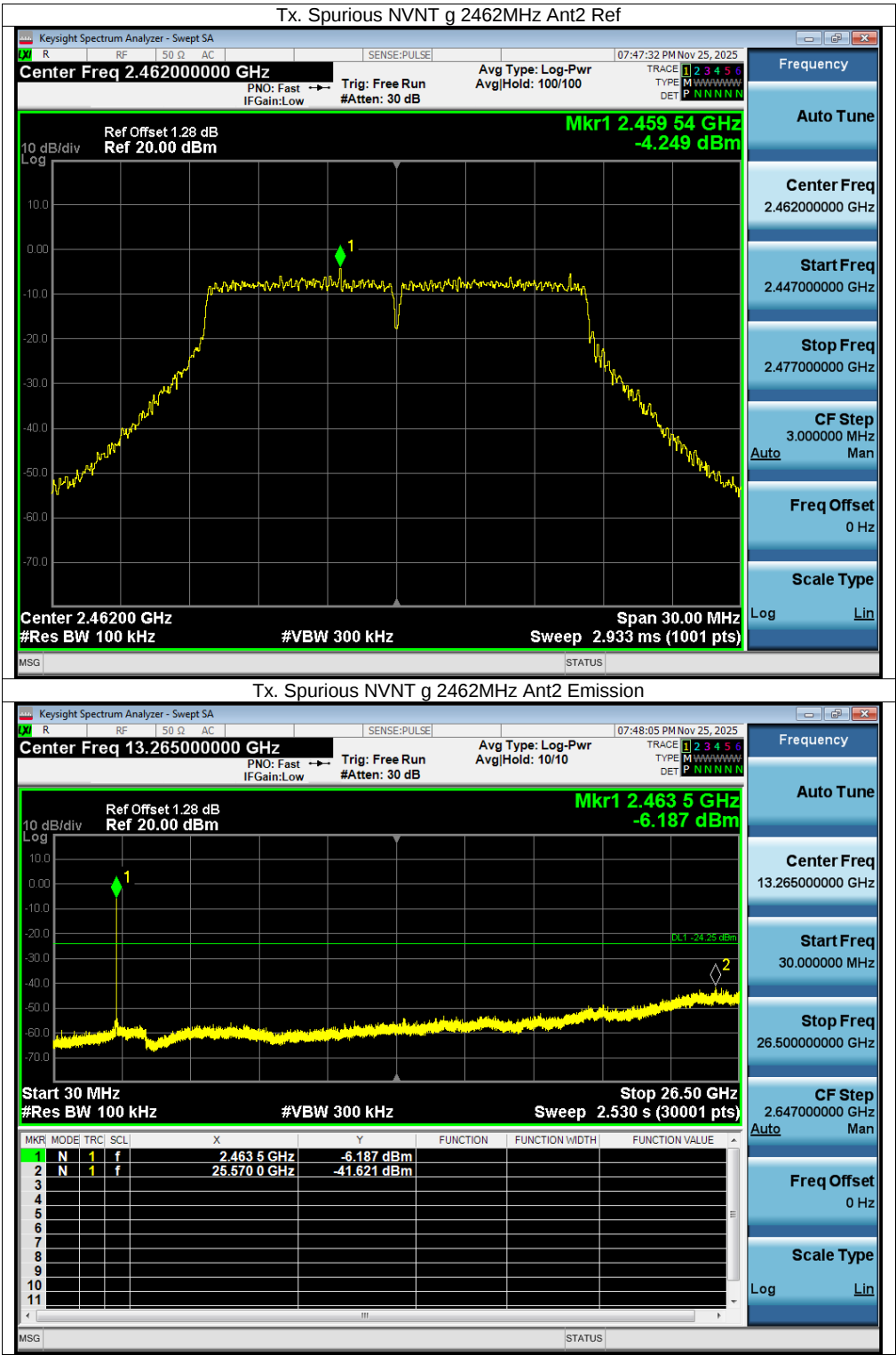


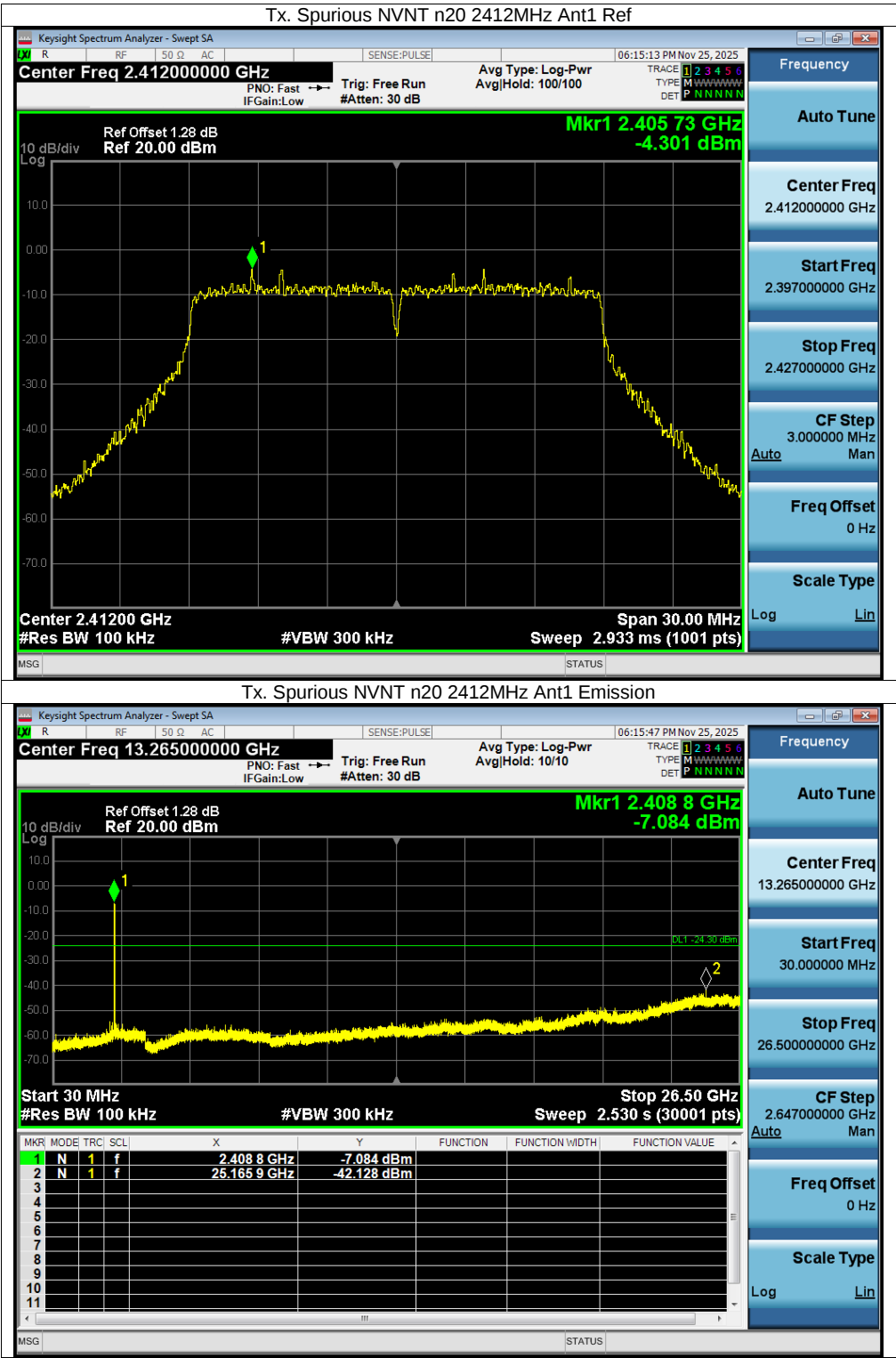


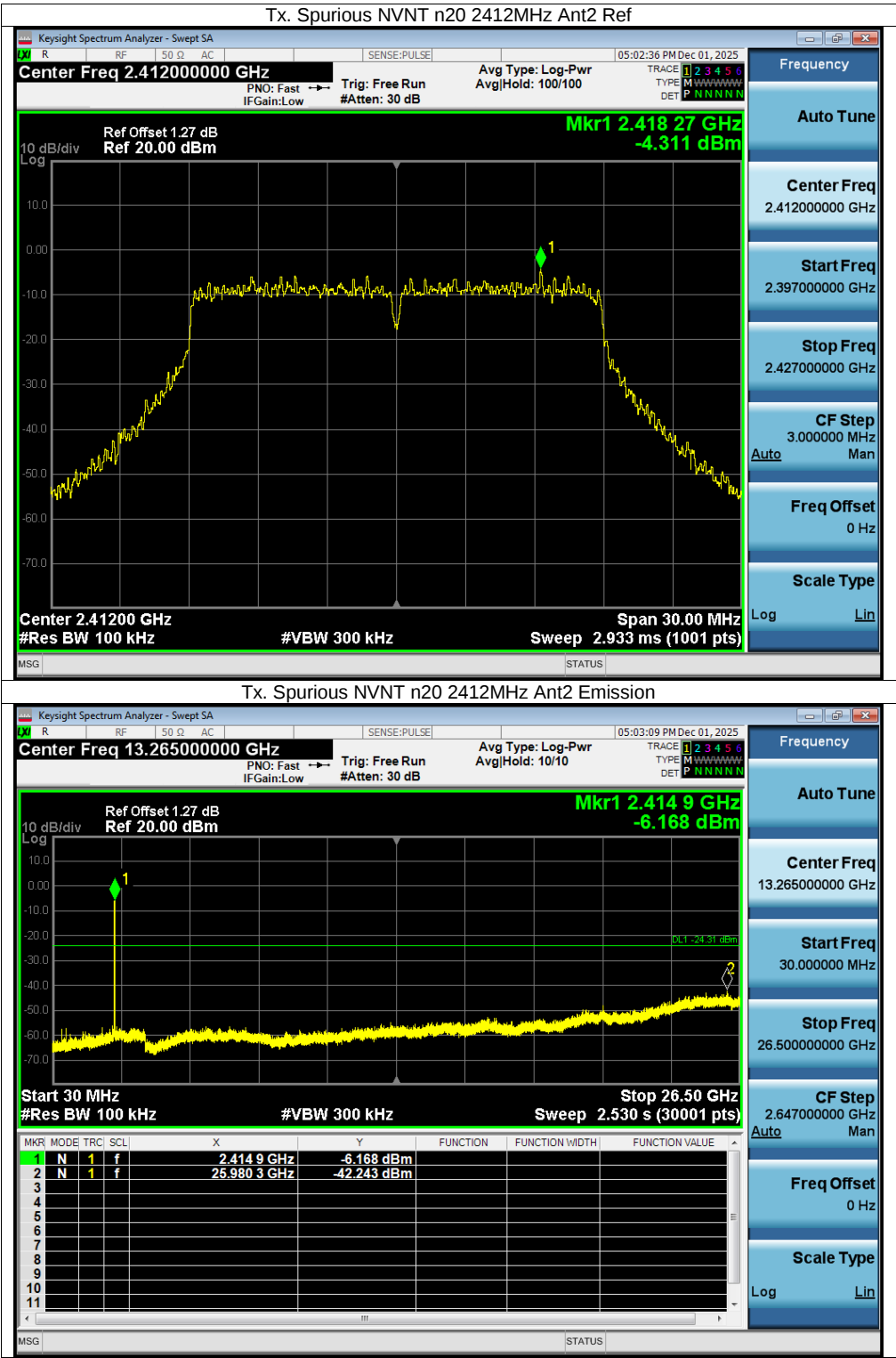


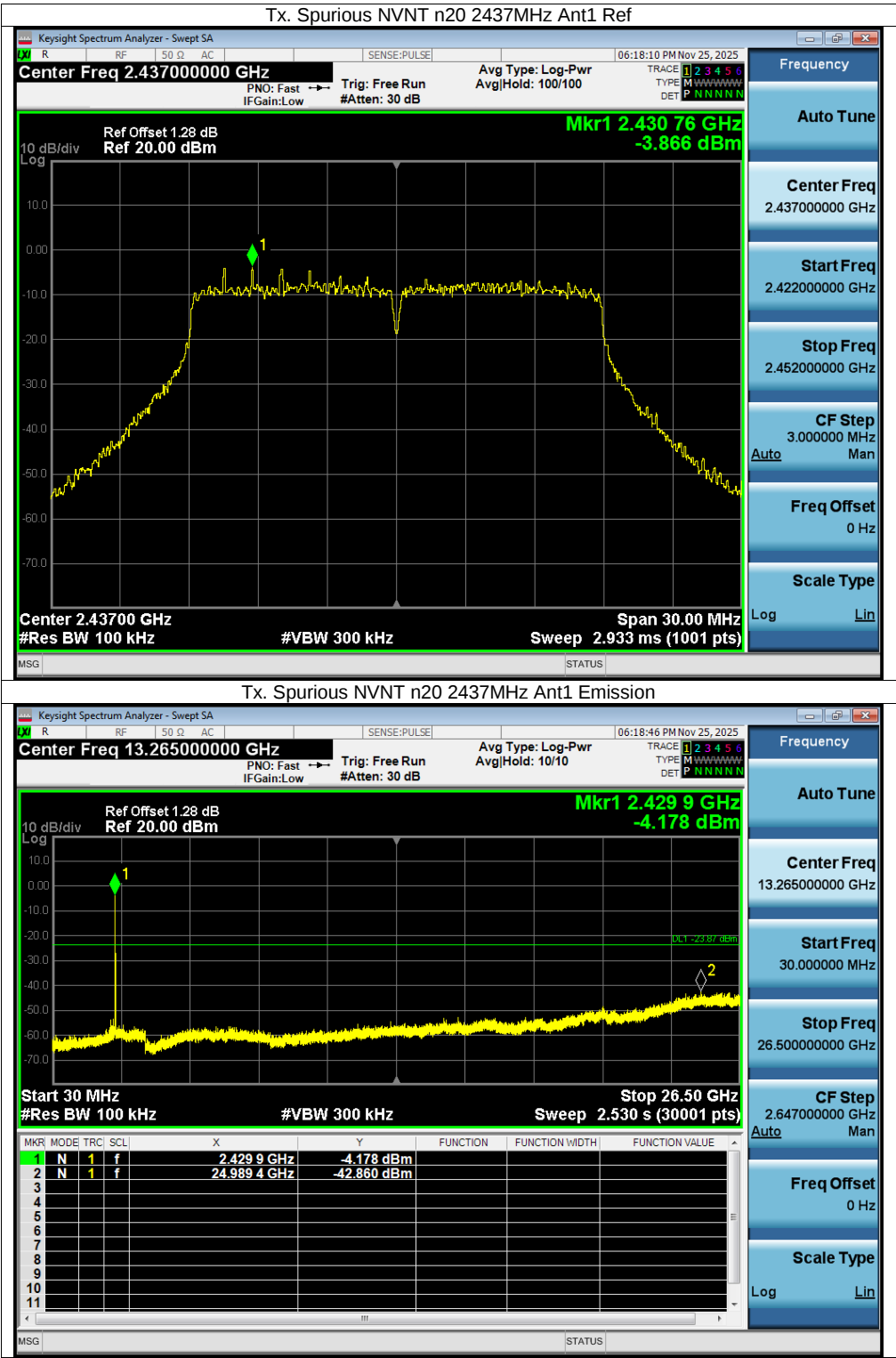


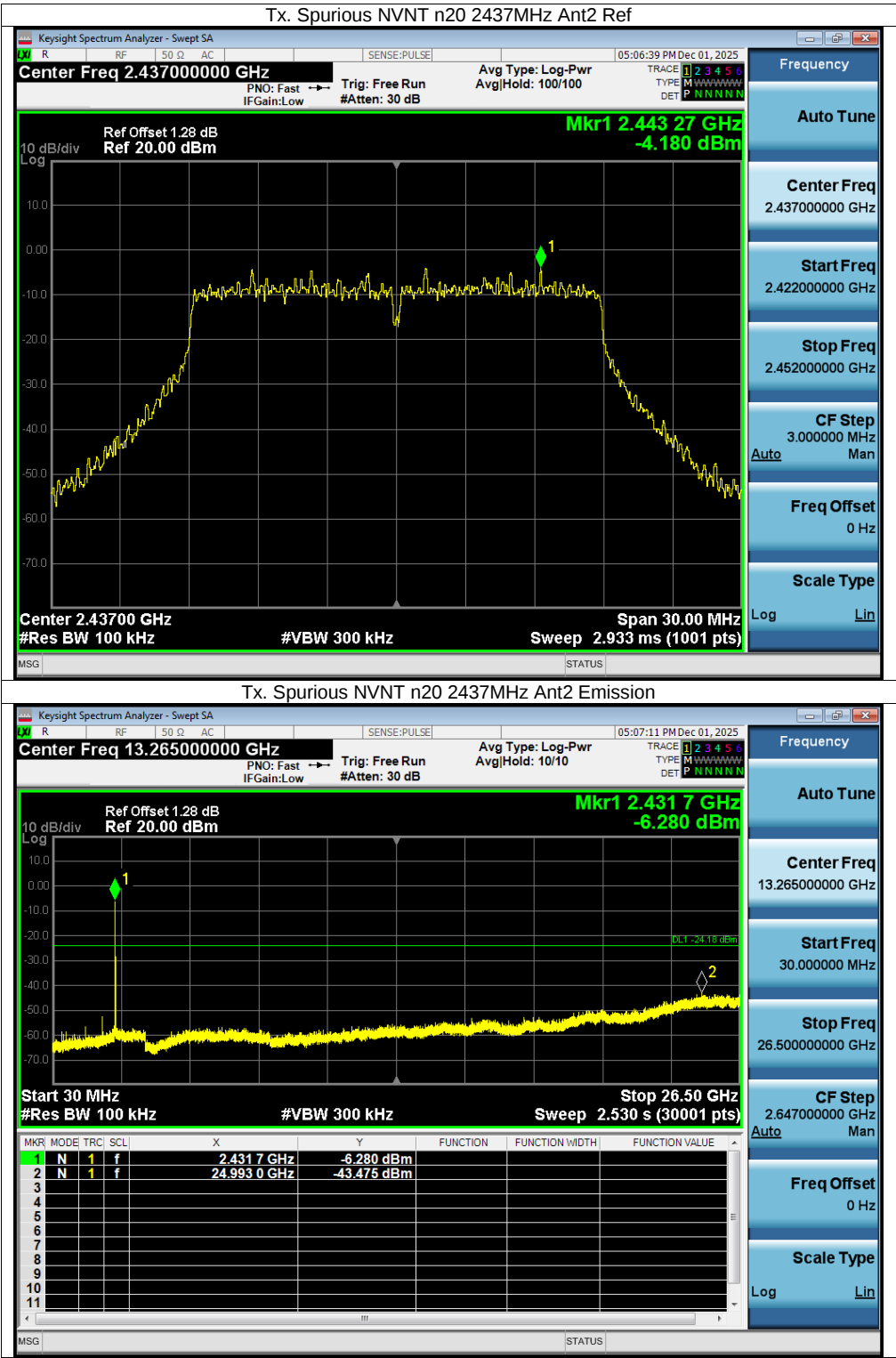


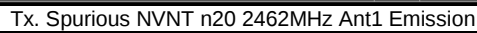


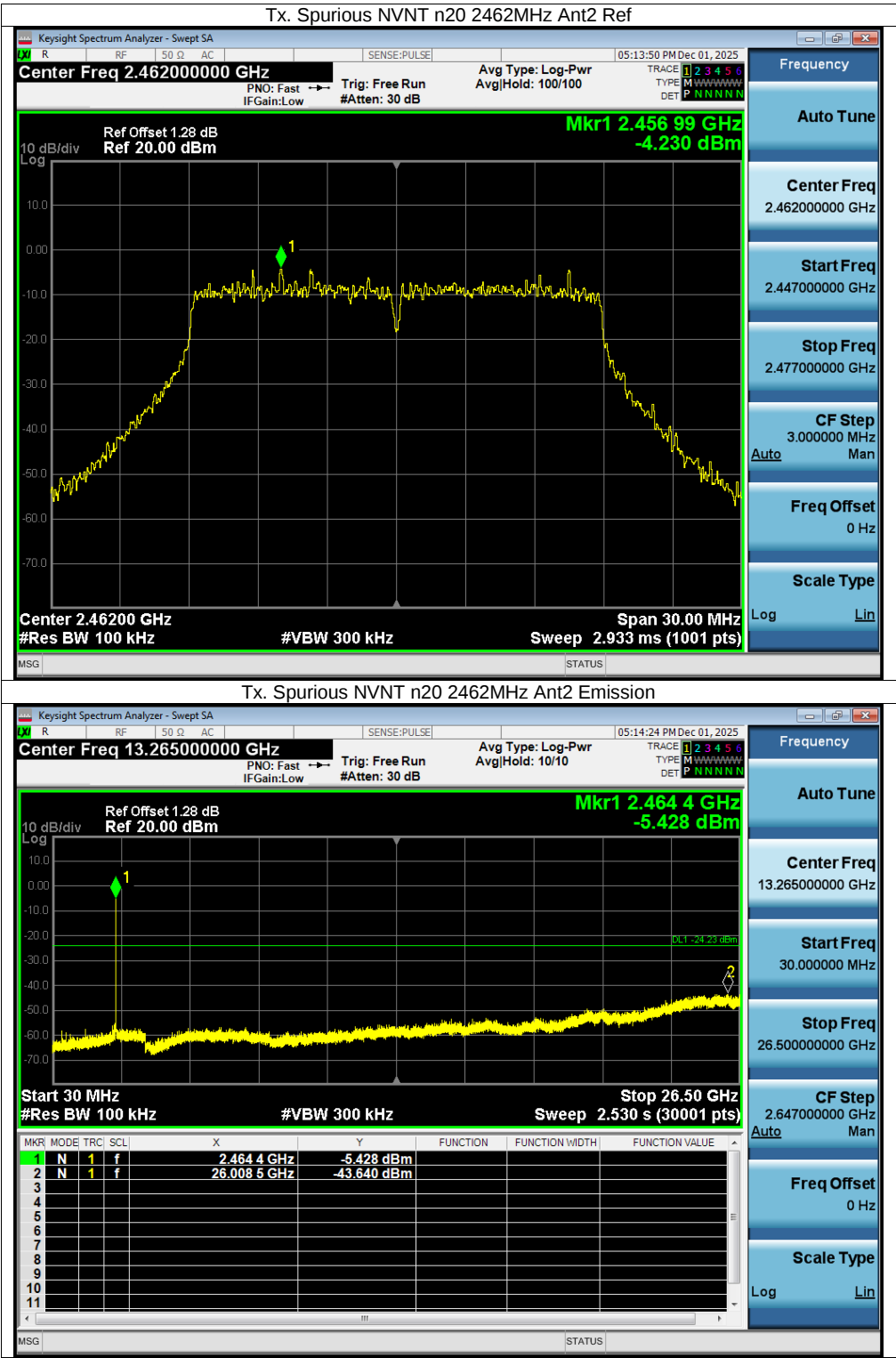


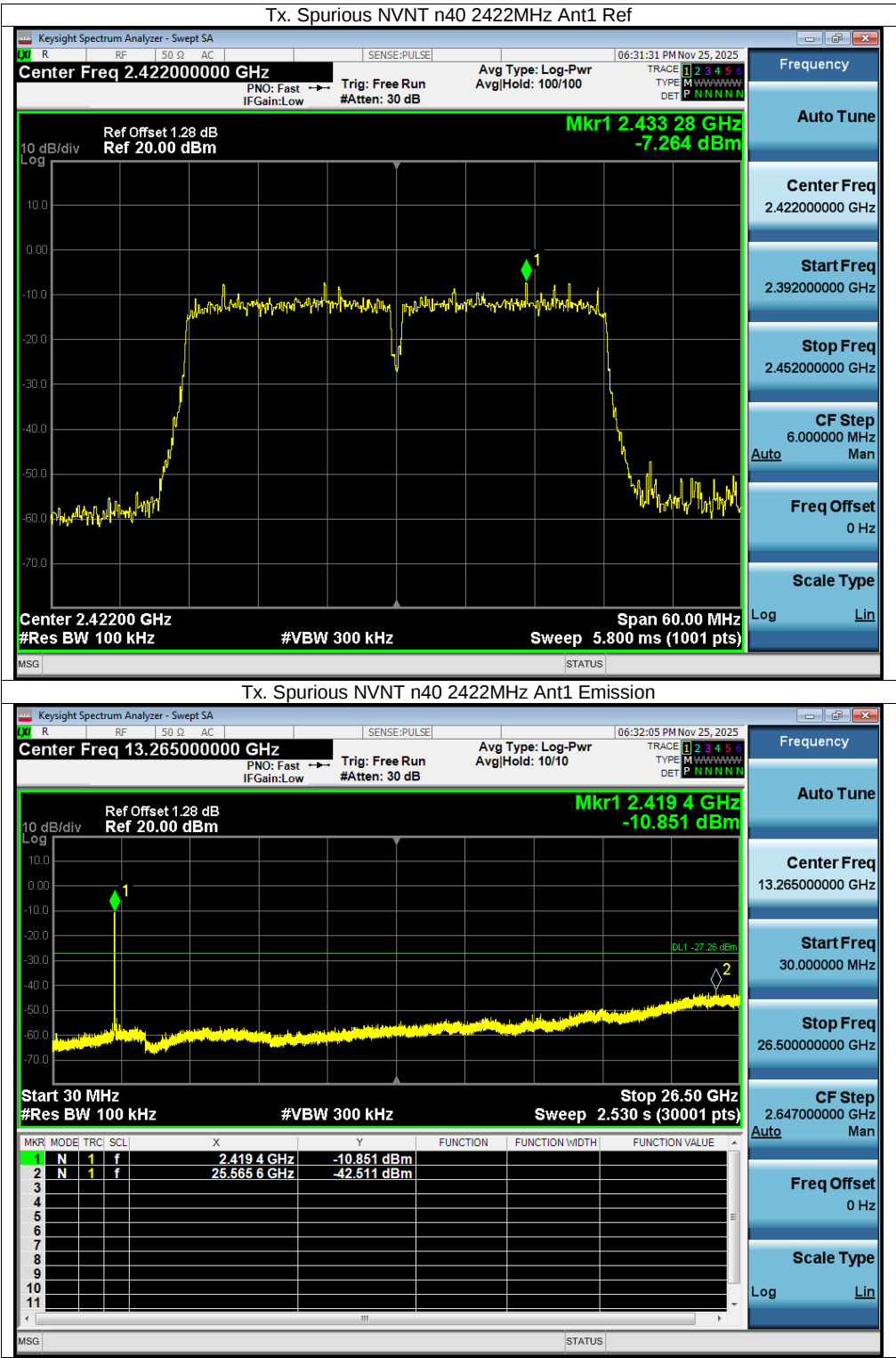


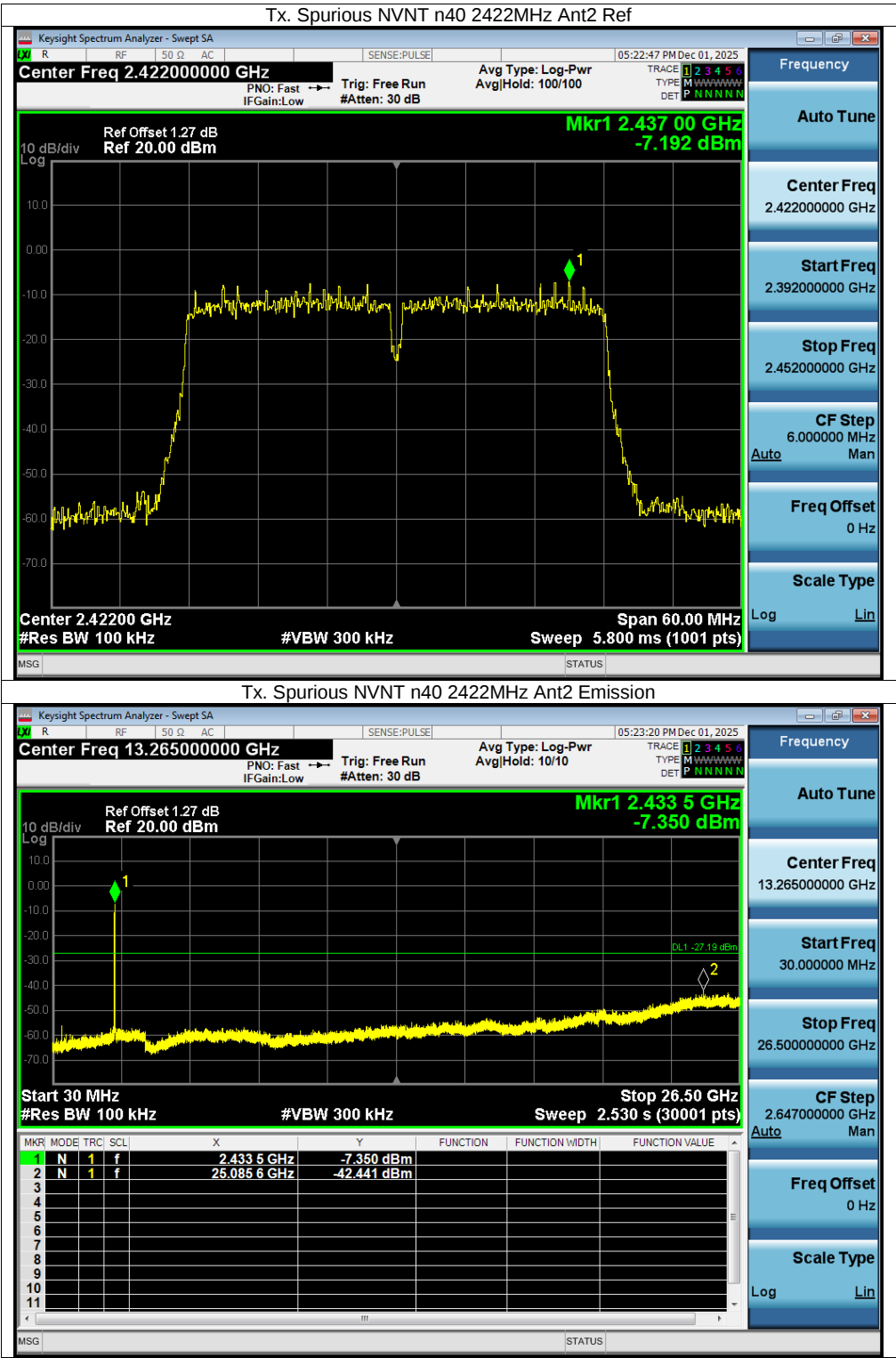


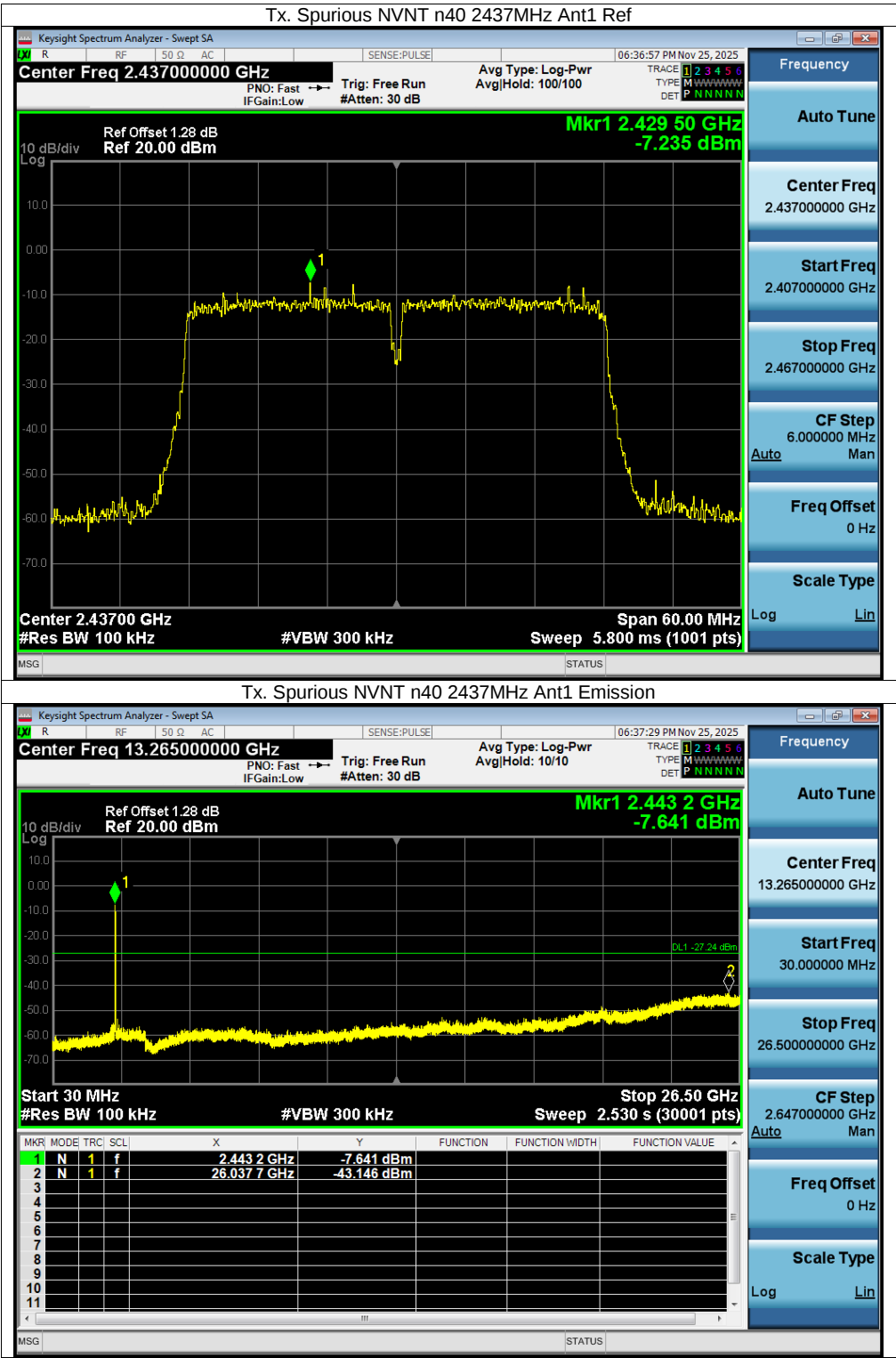


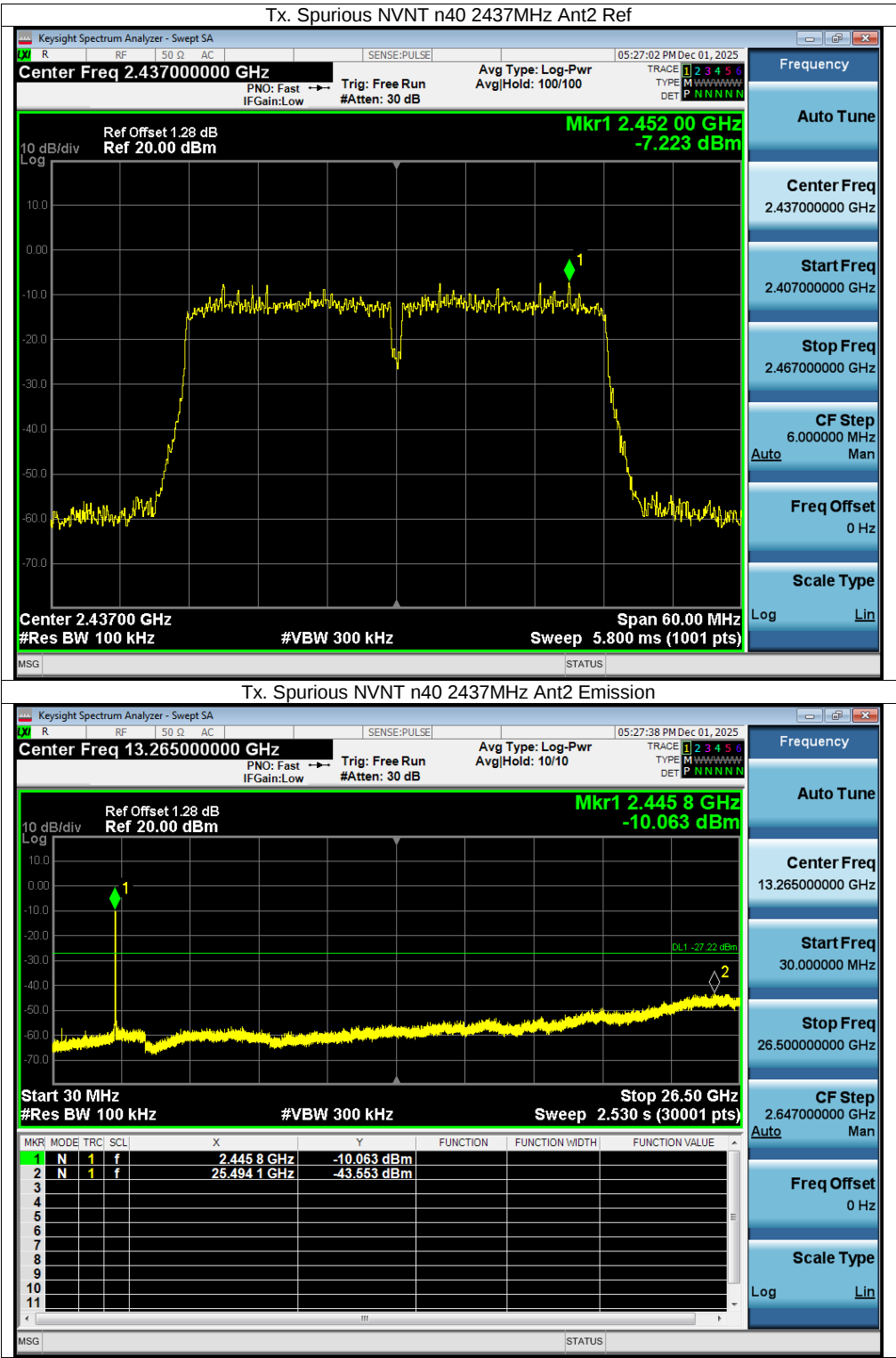


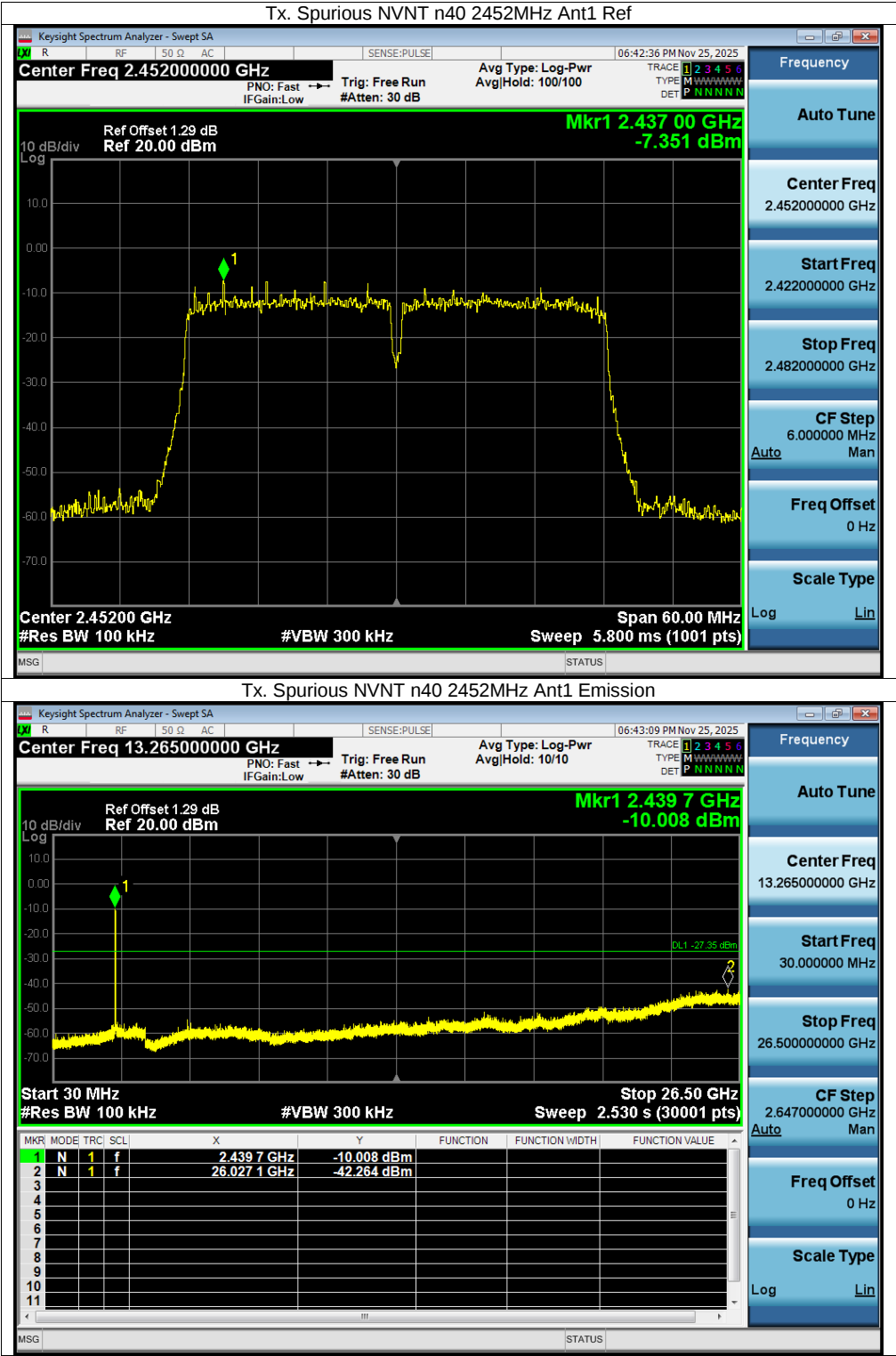


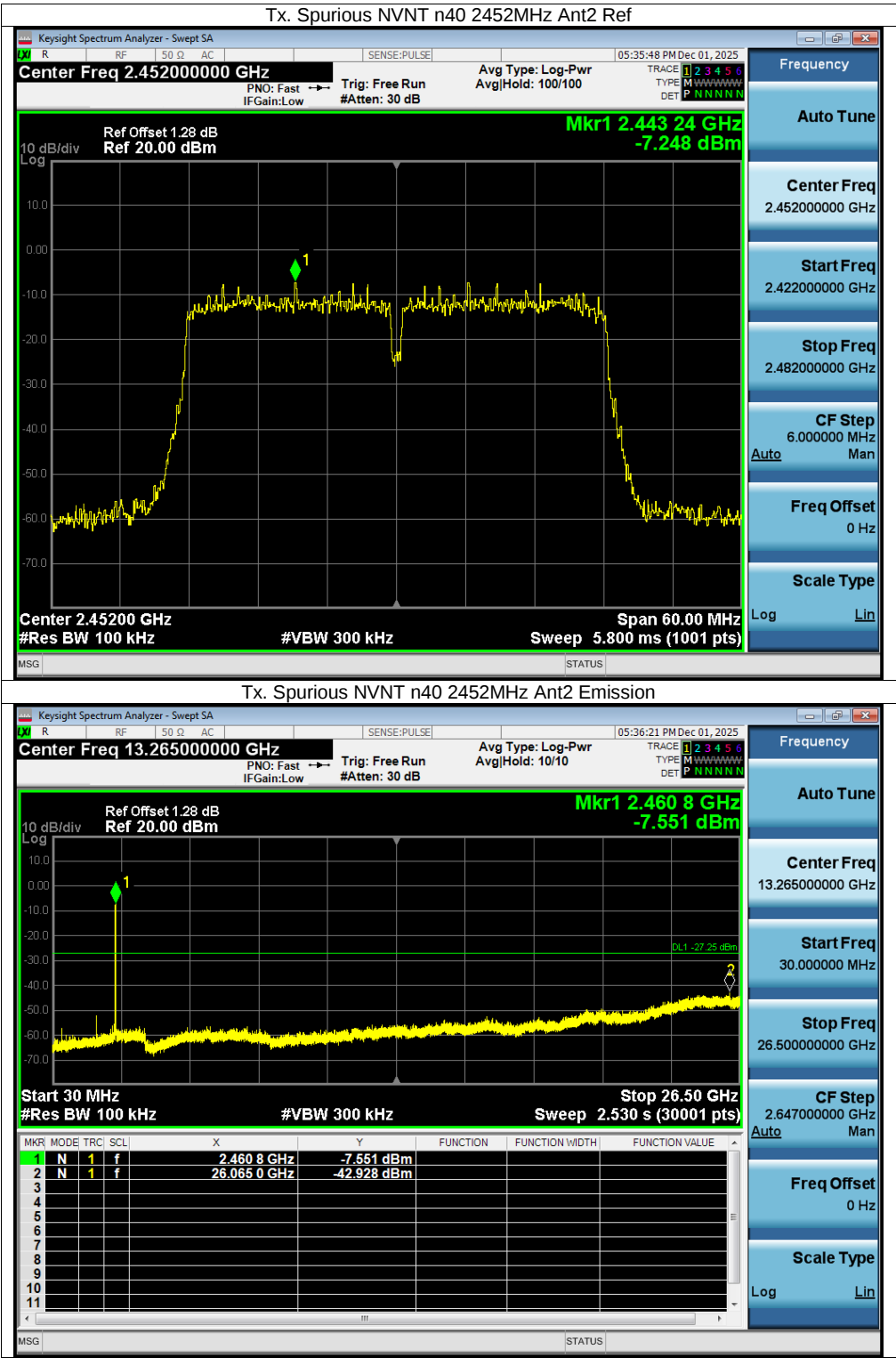












END OF REPORT