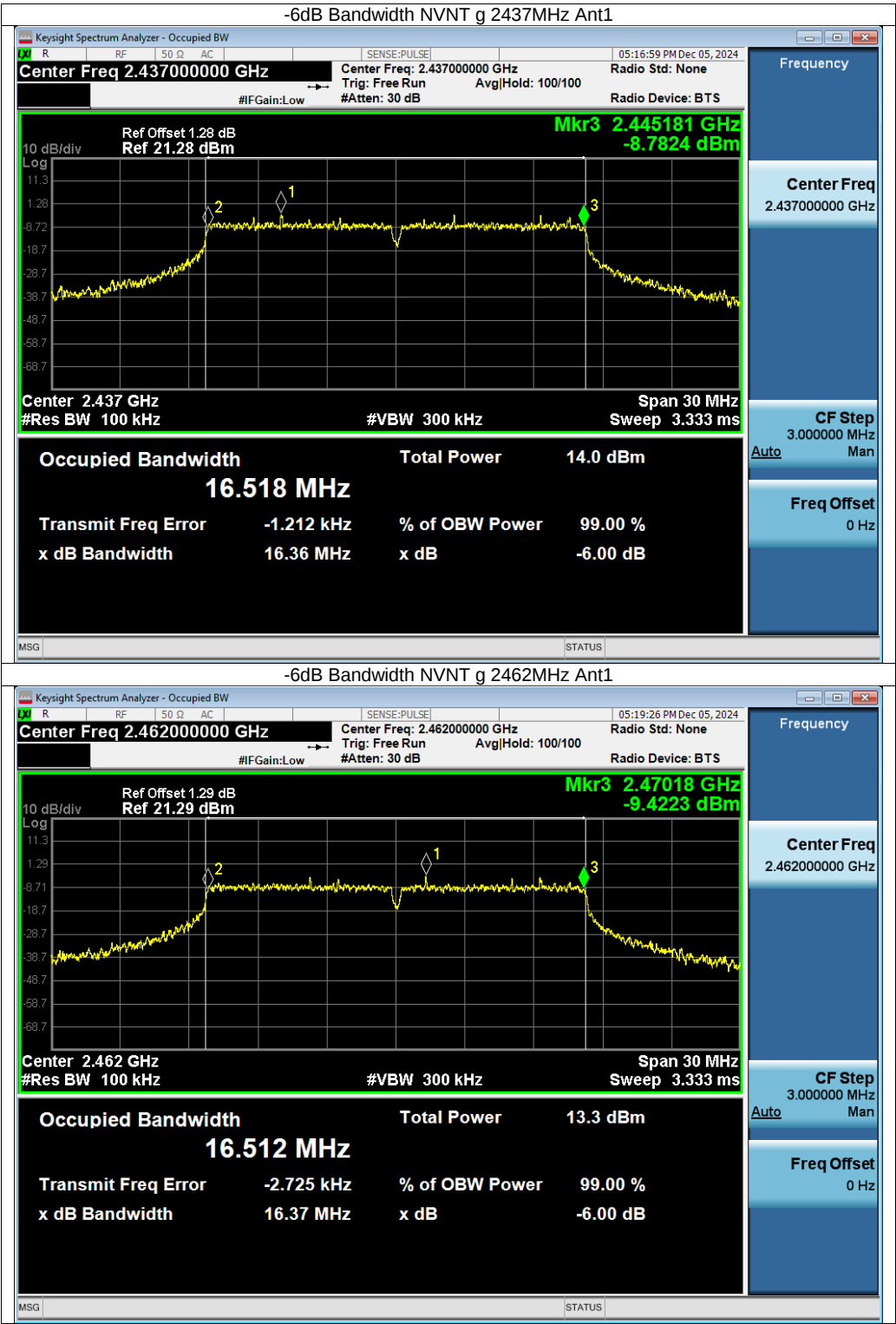
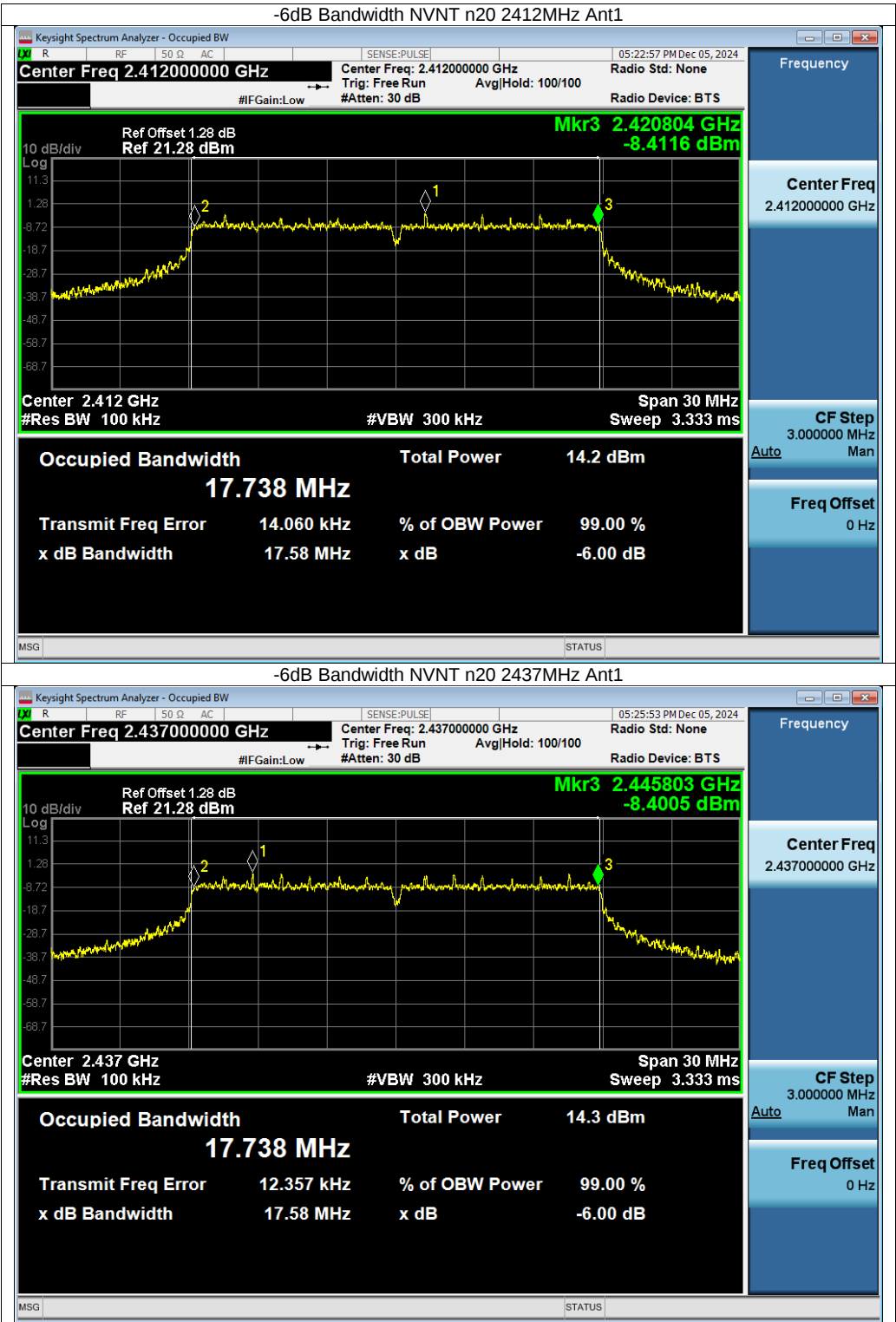
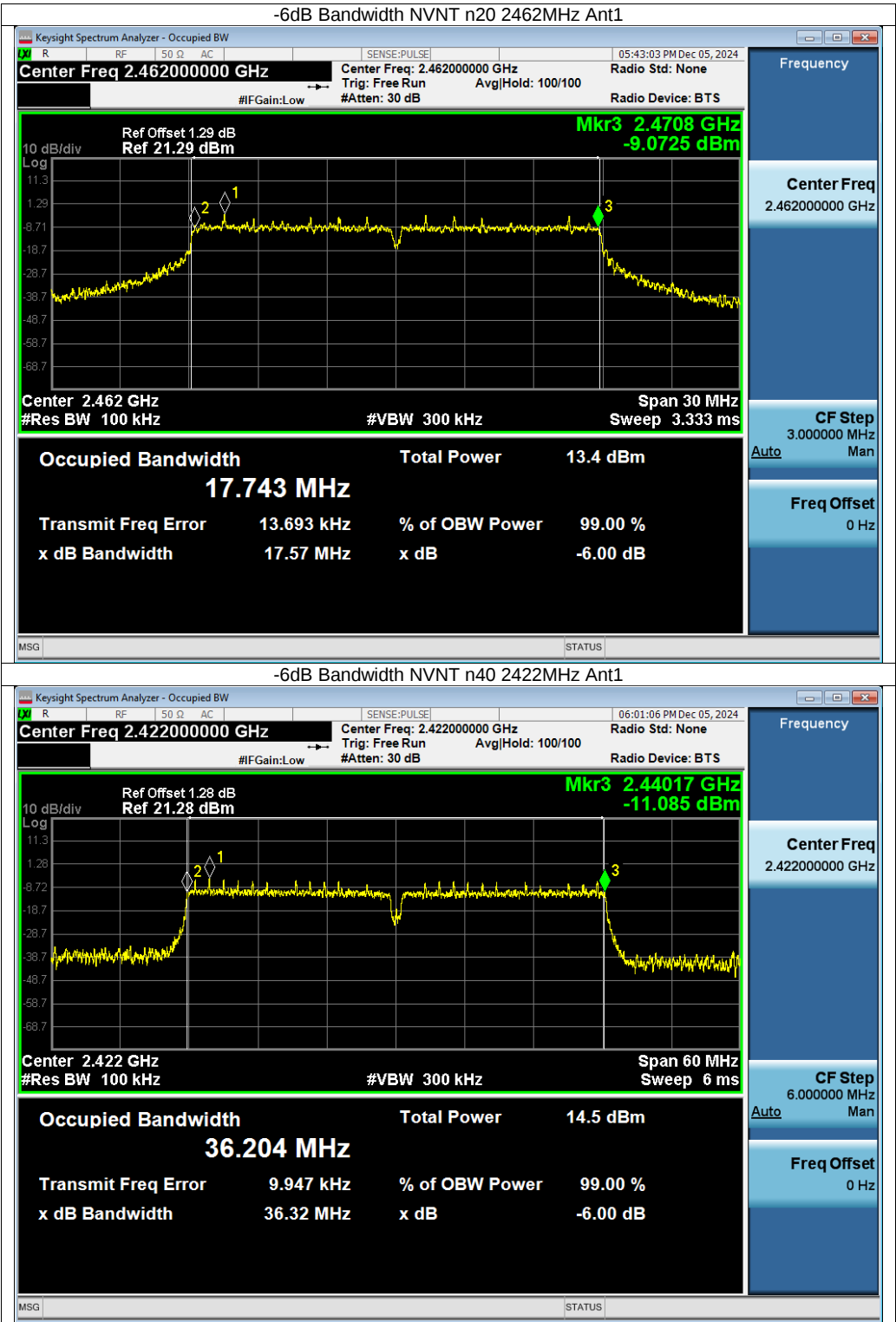
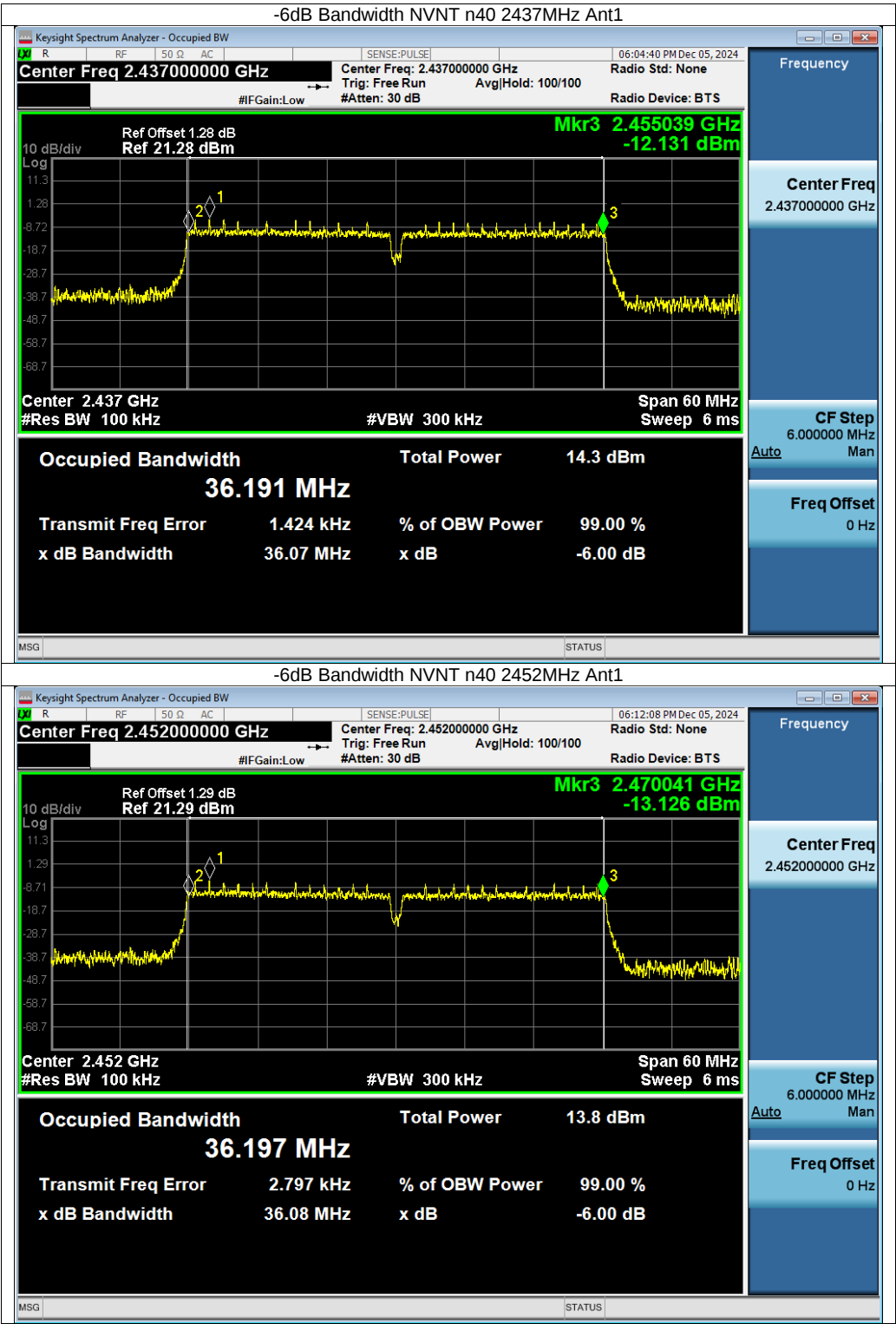
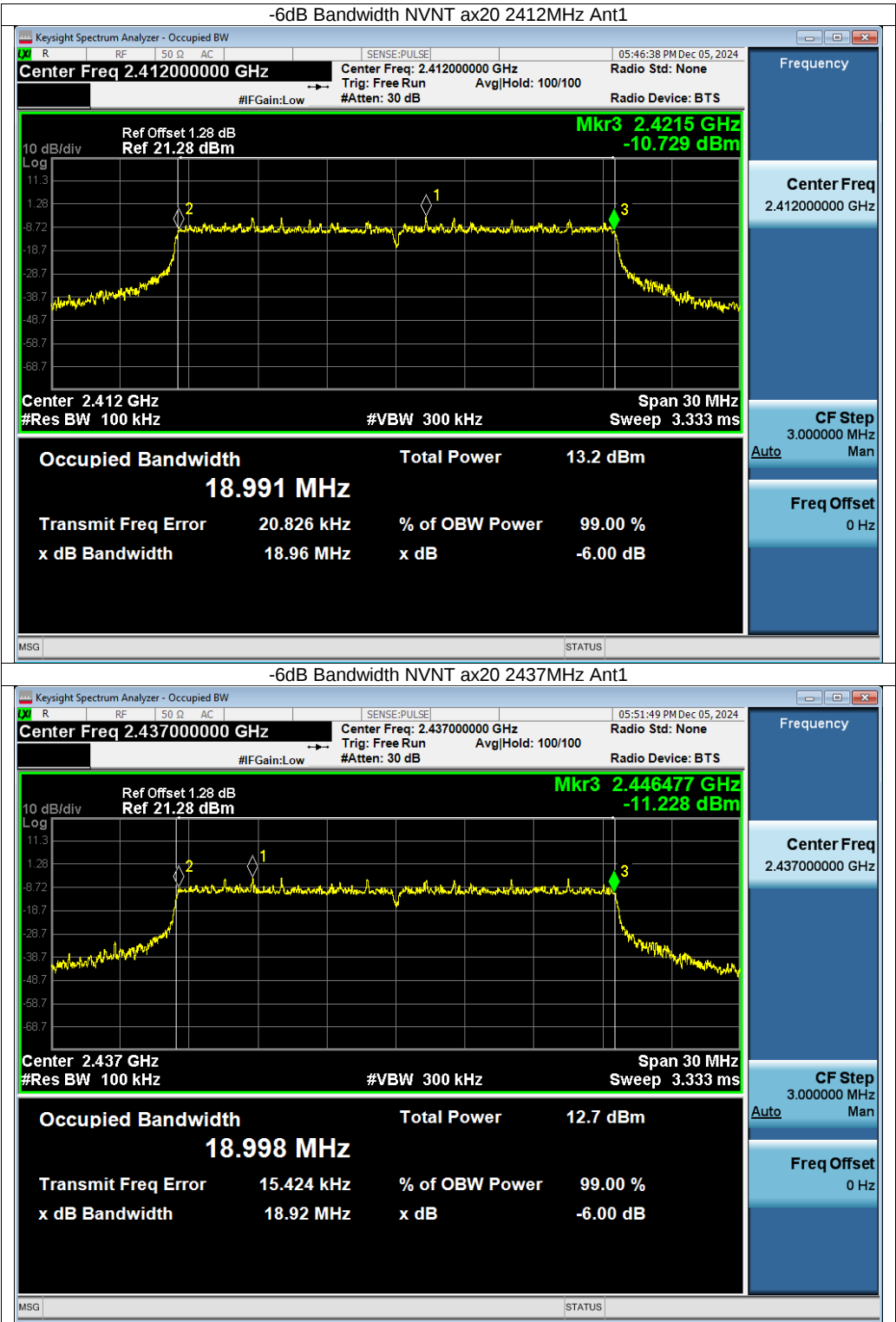


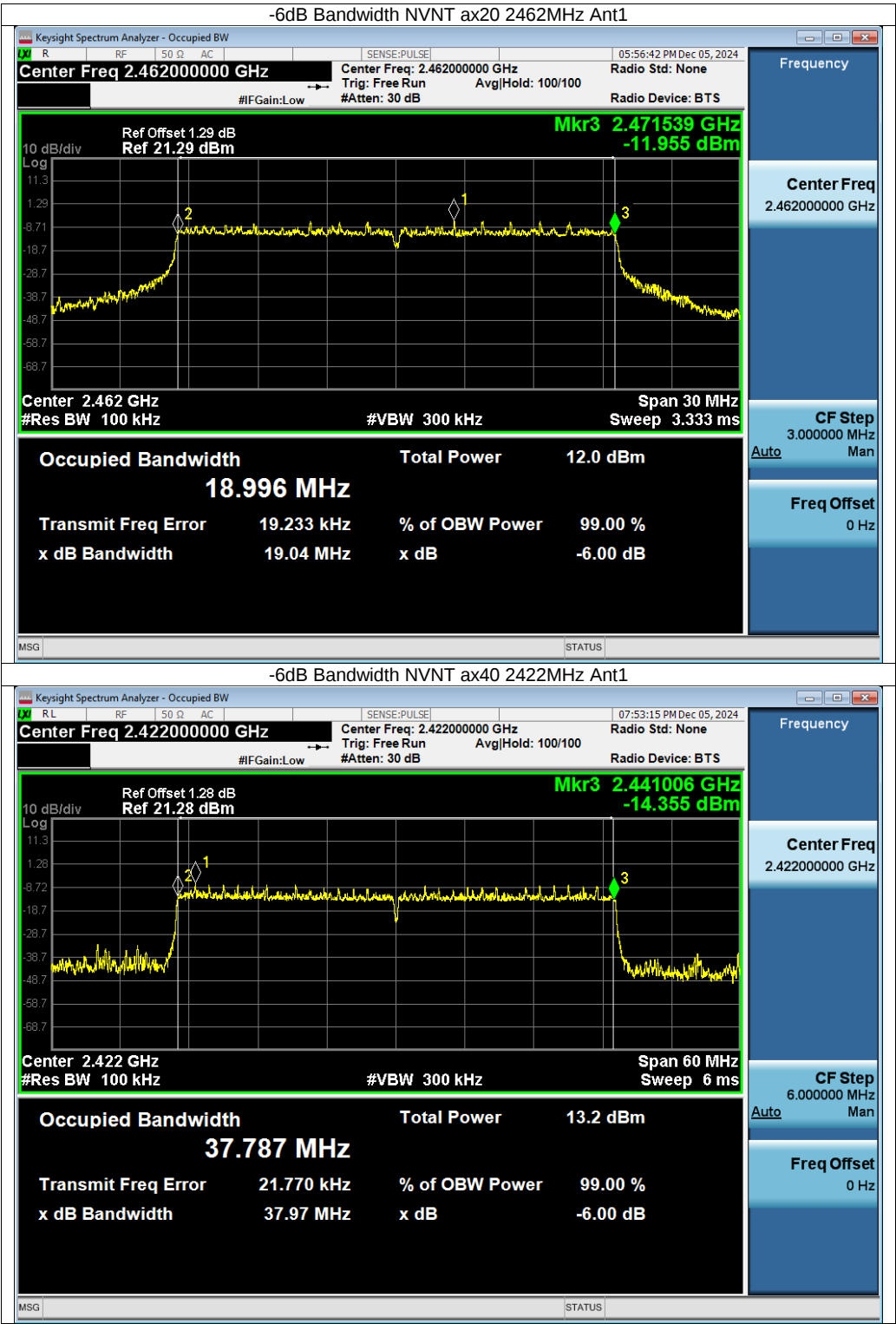


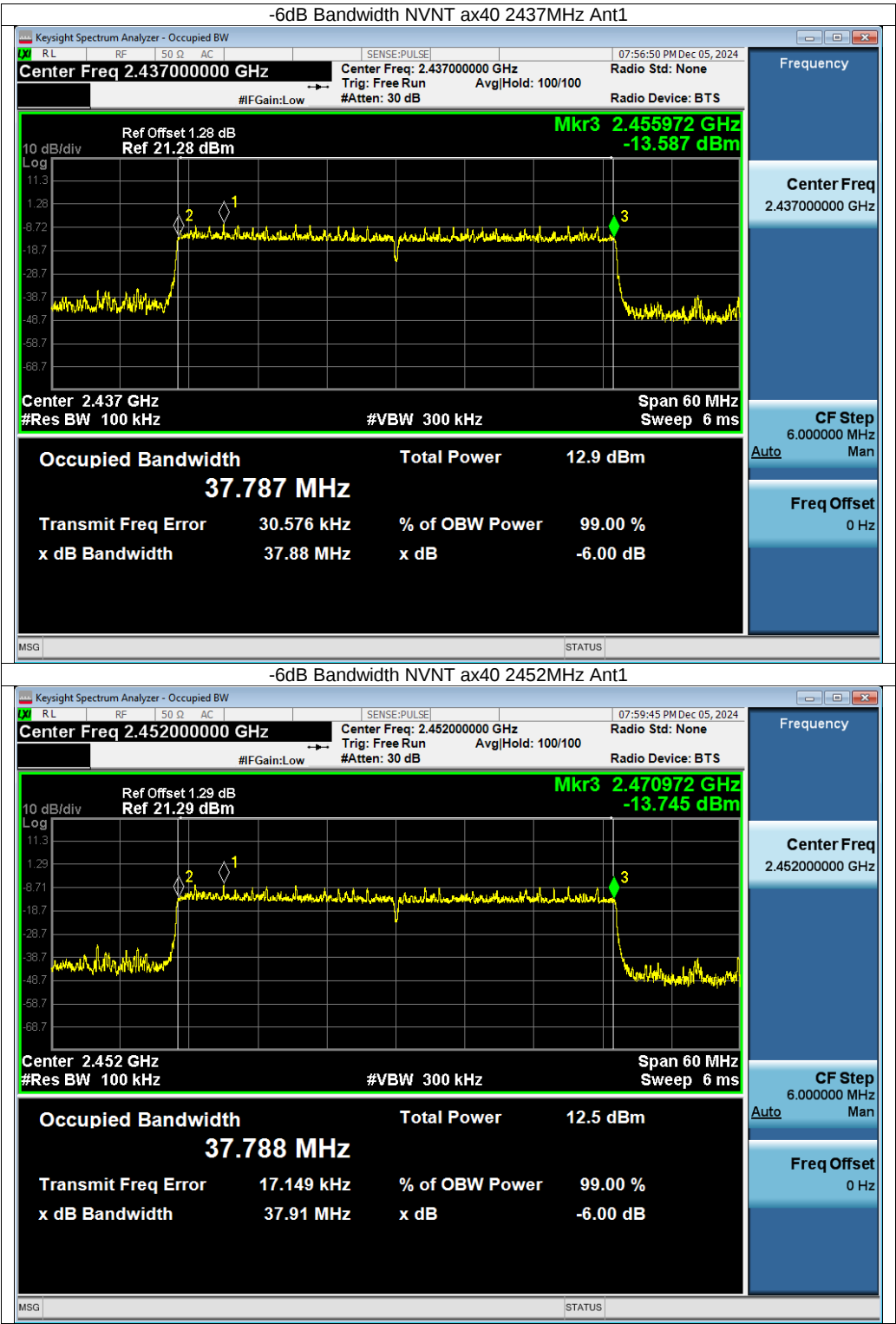












Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	15.847
NVNT	b	2437	Ant1	15.782
NVNT	b	2462	Ant1	15.712
NVNT	g	2412	Ant1	16.928
NVNT	g	2437	Ant1	16.94
NVNT	g	2462	Ant1	16.917
NVNT	n20	2412	Ant1	18.109
NVNT	n20	2437	Ant1	18.121
NVNT	n20	2462	Ant1	18.105
NVNT	n40	2422	Ant1	36.399
NVNT	n40	2437	Ant1	36.393
NVNT	n40	2452	Ant1	36.406
NVNT	ax20	2412	Ant1	19.143
NVNT	ax20	2437	Ant1	19.094
NVNT	ax20	2462	Ant1	19.108
NVNT	ax40	2422	Ant1	37.936
NVNT	ax40	2437	Ant1	37.944
NVNT	ax40	2452	Ant1	37.931



OBW NVNT b 2437MHz Ant1

KeySight Spectrum Analyzer - Occupied BW

R

RF

50 Ω

AC

SENSE:PULSE

05:02:26 PM Dec 05, 2024

Center Freq 2.43700000 GHz

Center Freq: 2.437000000 GHz

Trig: Free Run

Avg|Hold: 100/100

Radio Std: None

#FGain:Low

#Atten: 30 dB

Radio Device: BTS

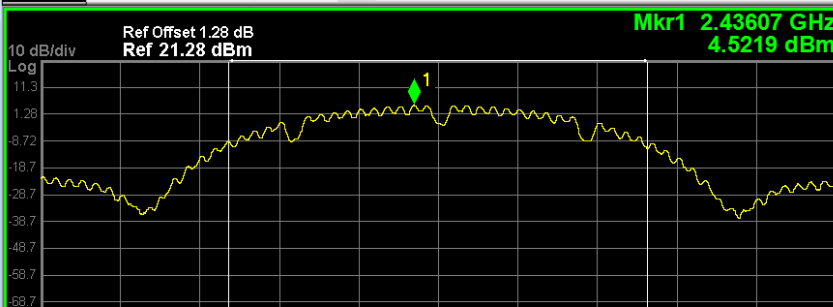
10 dB/div

Ref Offset 1.28 dB

Ref 21.28 dBm

Mkr1 2.43607 GHz

4.5219 dBm



Center 2.437 GHz

#Res BW 300 kHz

#VBW 910 kHz

Span 30 MHz

Sweep 1 ms

Occupied Bandwidth

15.782 MHz

Total Power

17.3 dBm

Transmit Freq Error

-4.640 kHz

% of OBW Power

99.00 %

x dB Bandwidth

19.34 MHz

x dB

-26.00 dB

MSG

STATUS

Frequency

Center Freq

2.43700000 GHz

CF Step

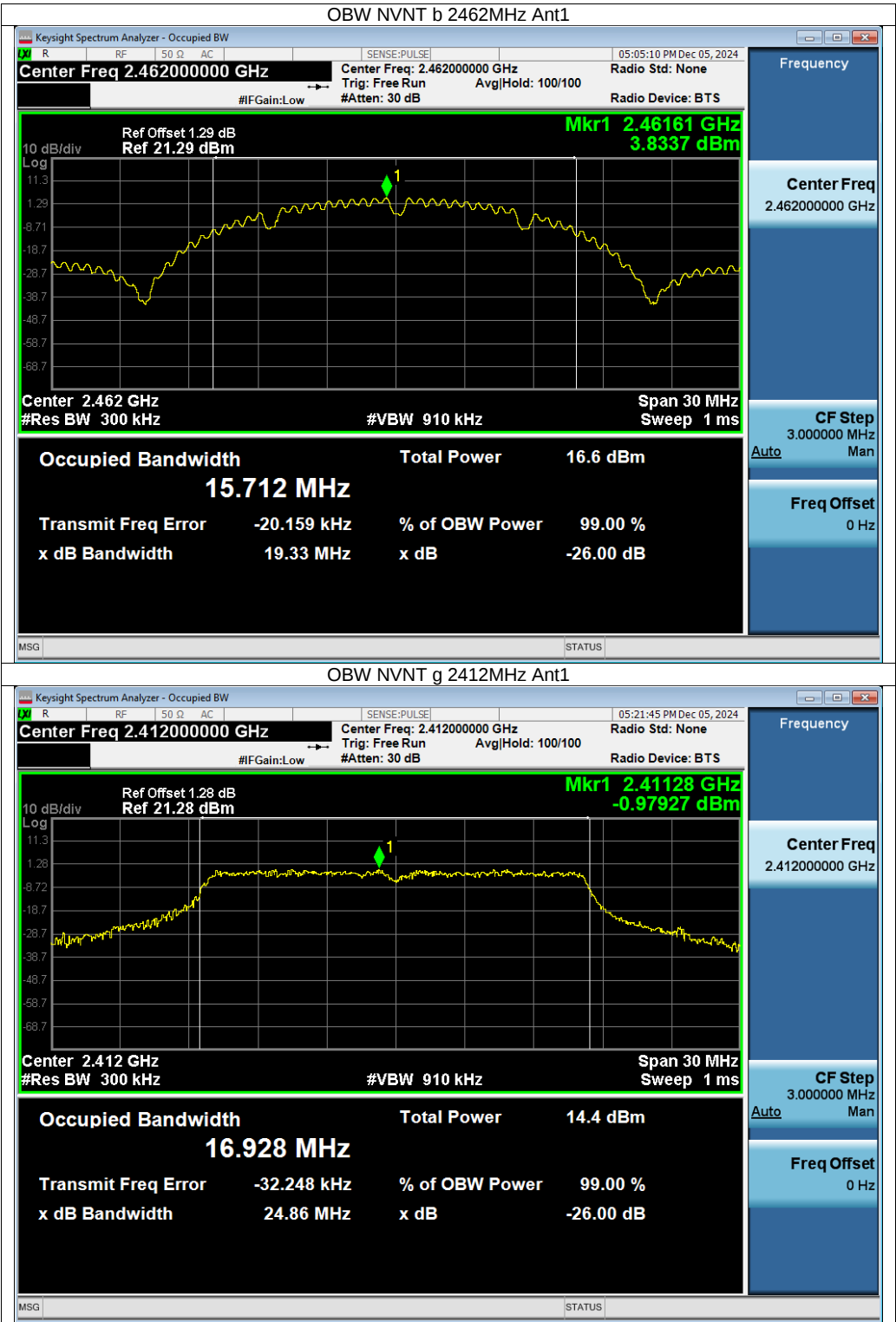
3.000000 MHz

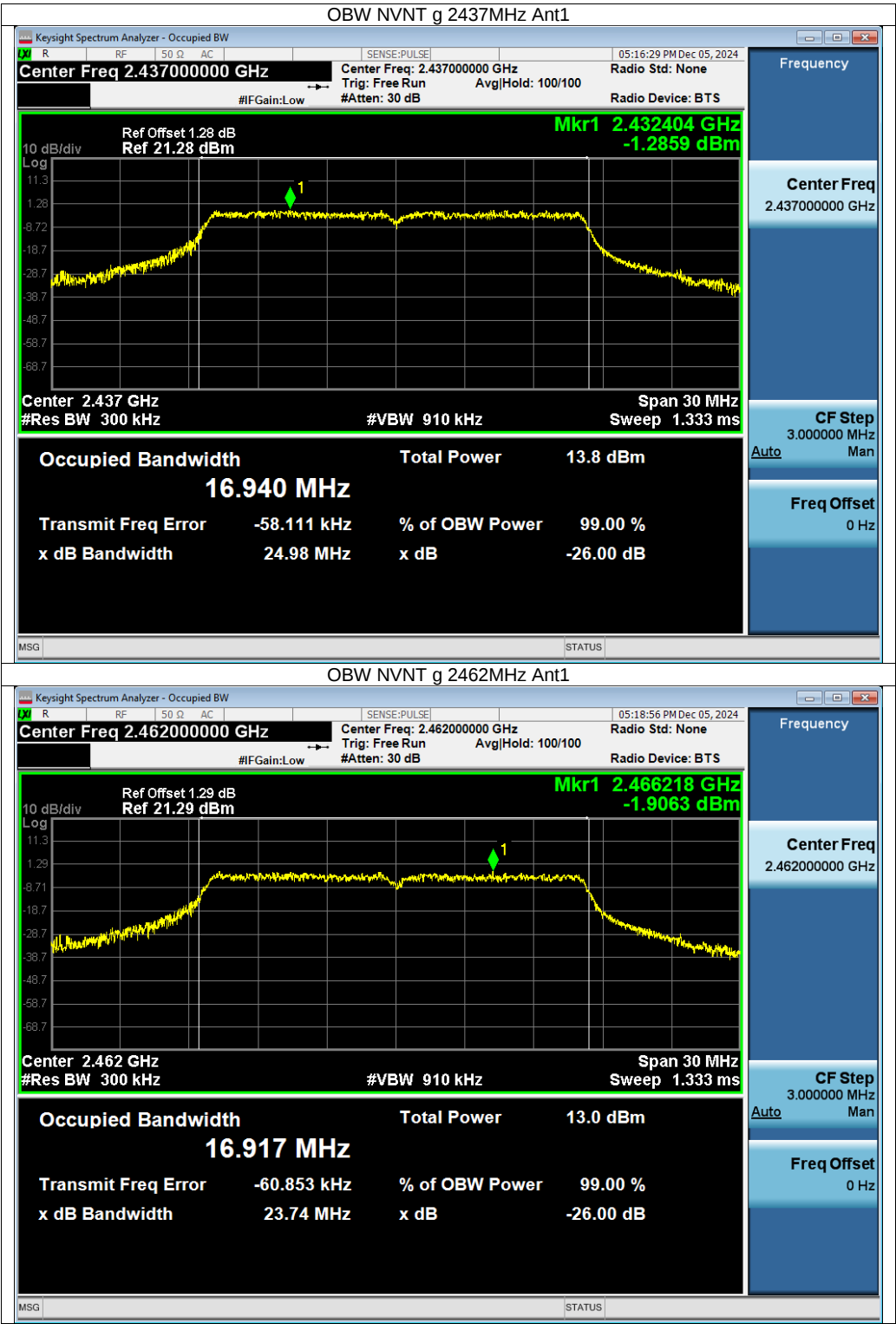
Auto

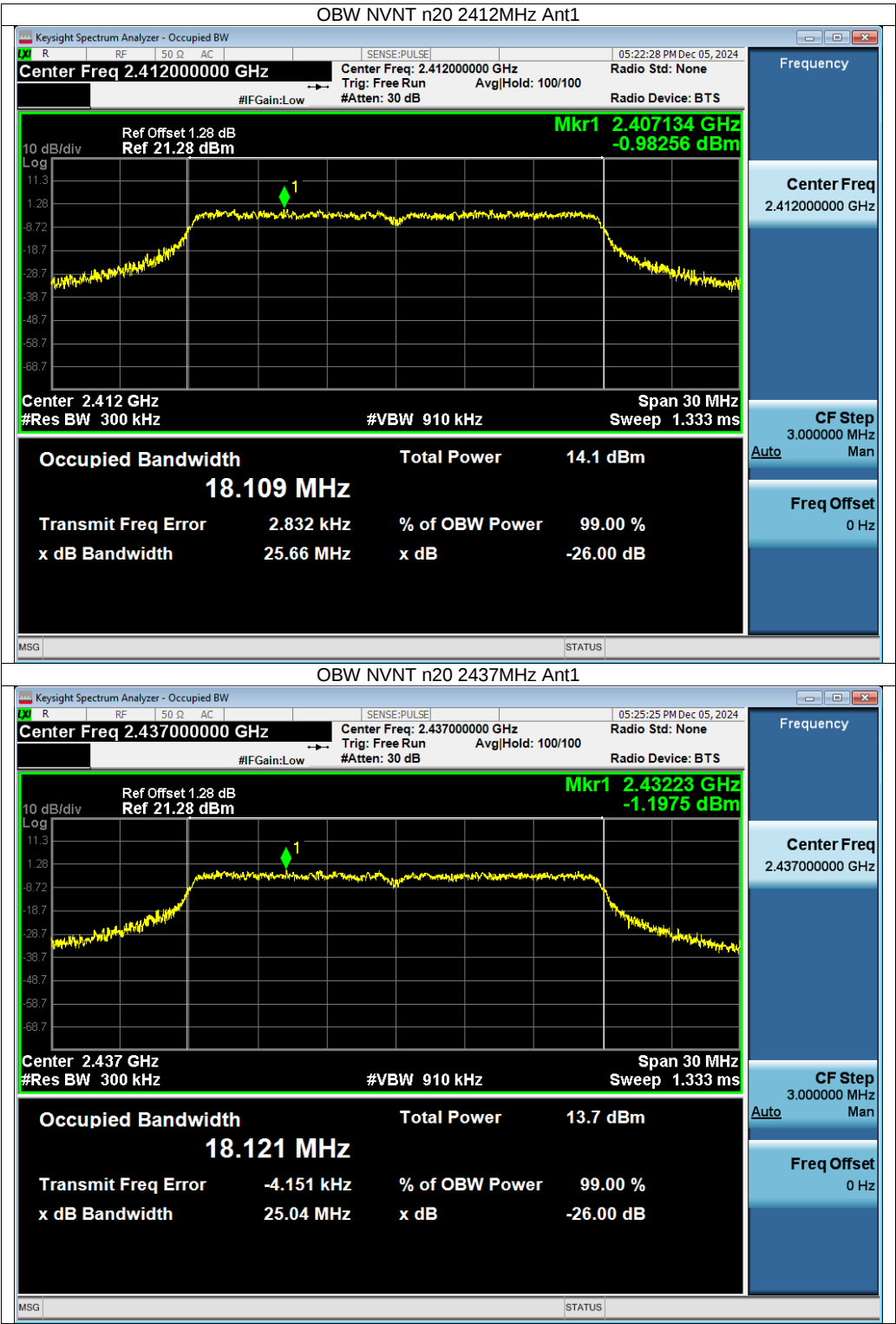
Man

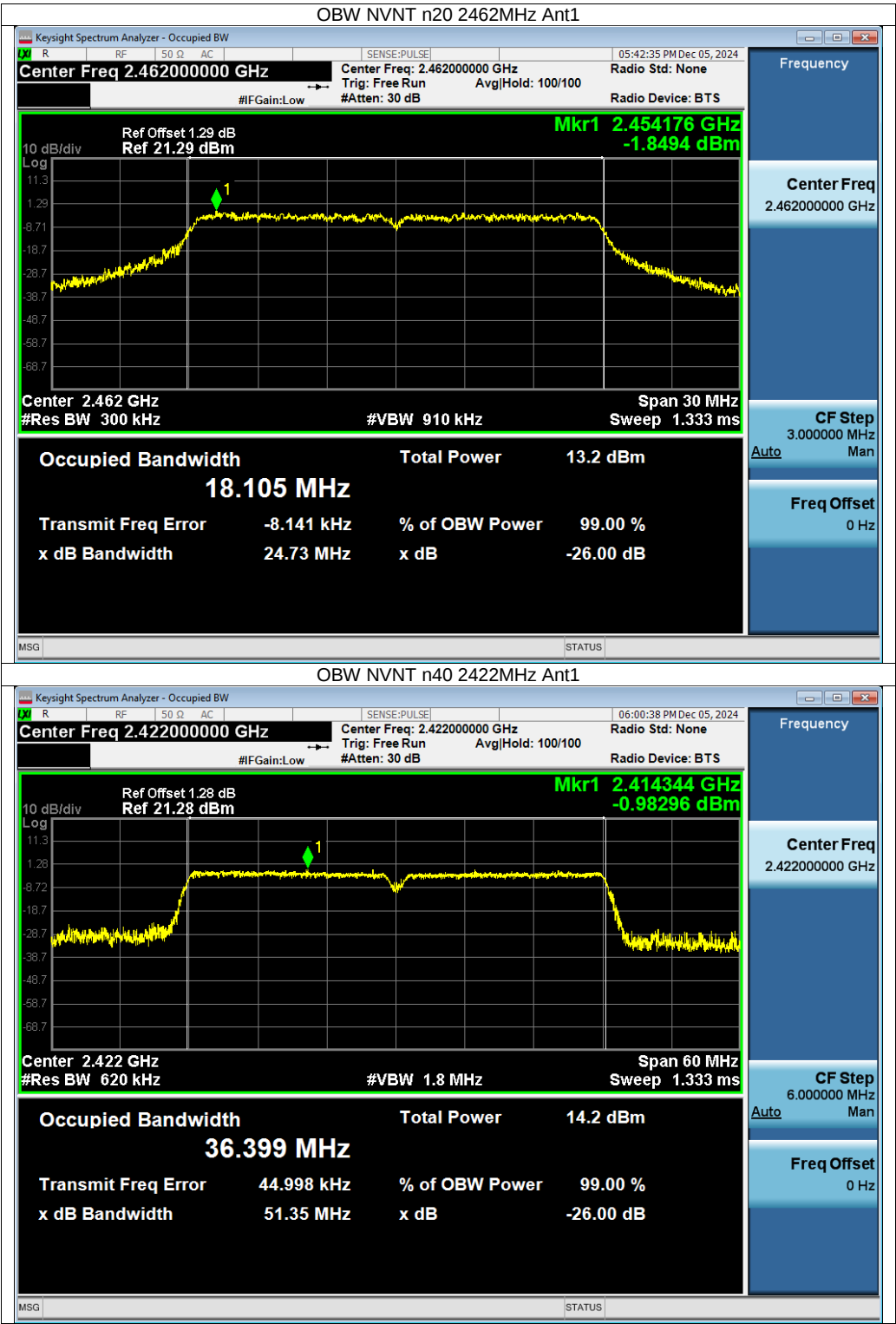
Freq Offset

0 Hz









OBW NVNT n40 2422MHz Ant1

KeySight Spectrum Analyzer - Occupied BW

Center Freq 2.422000000 GHz

Center Freq: 2.422000000 GHz

Trig: Free Run

Avg|Hold: 100/100

Radio Std: None

#FGain:Low

#Atten: 30 dB

Radio Device: BTS

06:00:38 PM Dec 05, 2024

Frequency

10 dB/div

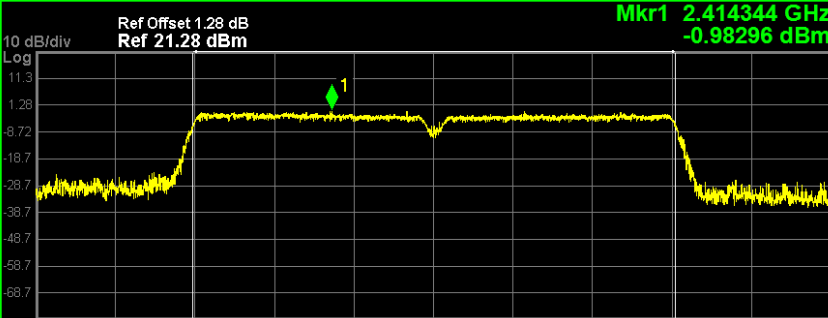
Log

Ref Offset 1.28 dB

Ref 21.28 dBm

Mkr1 2.414344 GHz

-0.98296 dBm



Center 2.422 GHz

#Res BW 620 kHz

#VBW 1.8 MHz

Span 60 MHz

Sweep 1.333 ms

Occupied Bandwidth

36.399 MHz

Total Power

14.2 dBm

Transmit Freq Error

44.998 kHz

% of OBW Power

99.00 %

x dB Bandwidth

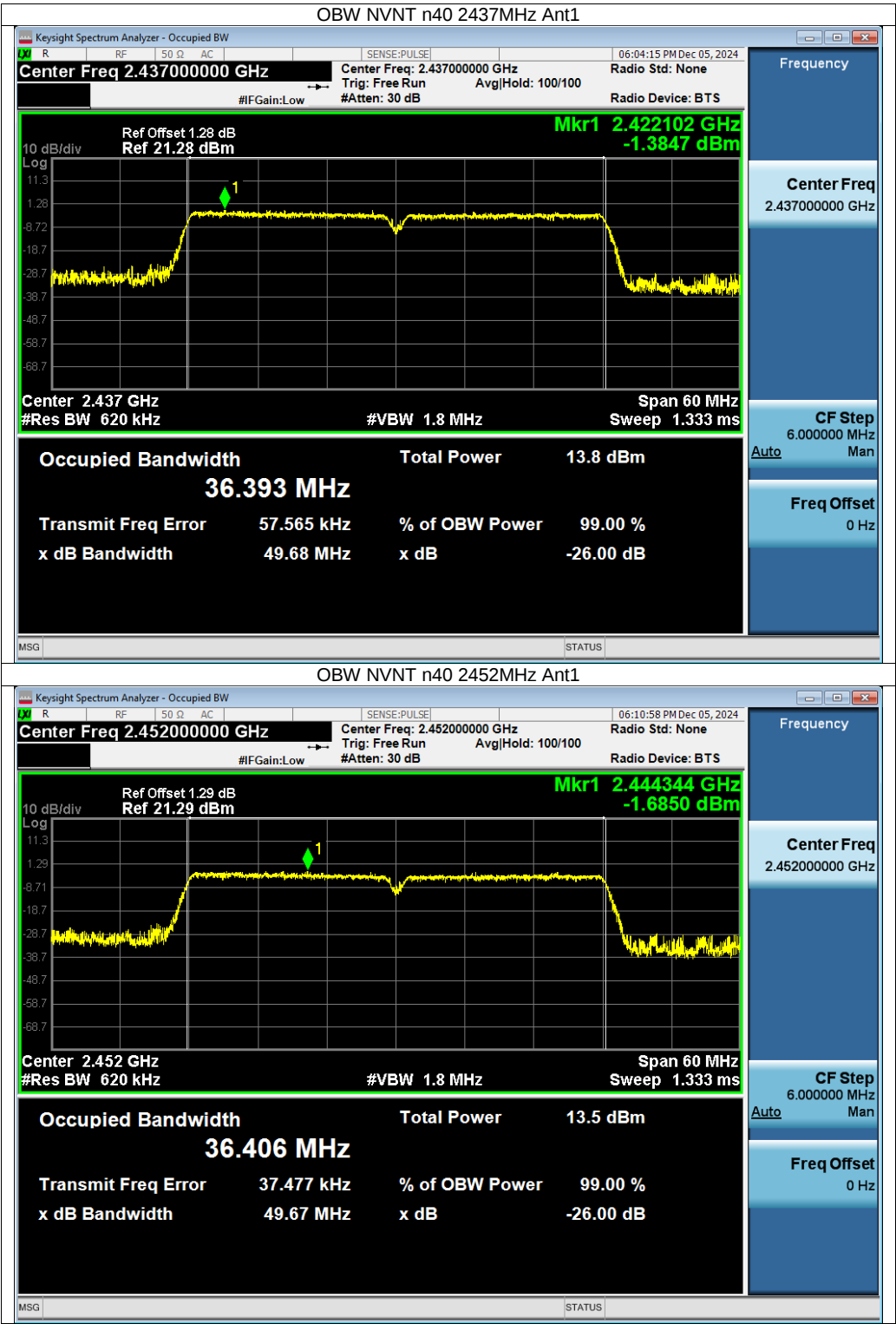
51.35 MHz

x dB

-26.00 dB

MSG

STATUS



OBW NVNT n40 2452MHz Ant1

KeySight Spectrum Analyzer - Occupied BW

Center Freq 2.452000000 GHz

Center Freq: 2.452000000 GHz

Trig: Free Run

Avg|Hold: 100/100

Radio Std: None

#FGain:Low

#Atten: 30 dB

Radio Device: BTS

06:10:58 PM Dec 05, 2024

Frequency

10 dB/div

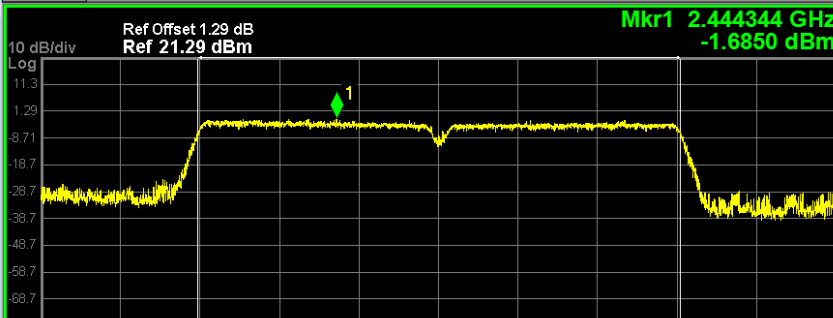
Log

Ref Offset 1.29 dB

Ref 21.29 dBm

Mkr1 2.444344 GHz

-1.6850 dBm



Center 2.452 GHz

#Res BW 620 kHz

#VBW 1.8 MHz

Span 60 MHz

Sweep 1.333 ms

Occupied Bandwidth

36.406 MHz

Total Power

13.5 dBm

Transmit Freq Error

37.477 kHz

% of OBW Power

99.00 %

x dB Bandwidth

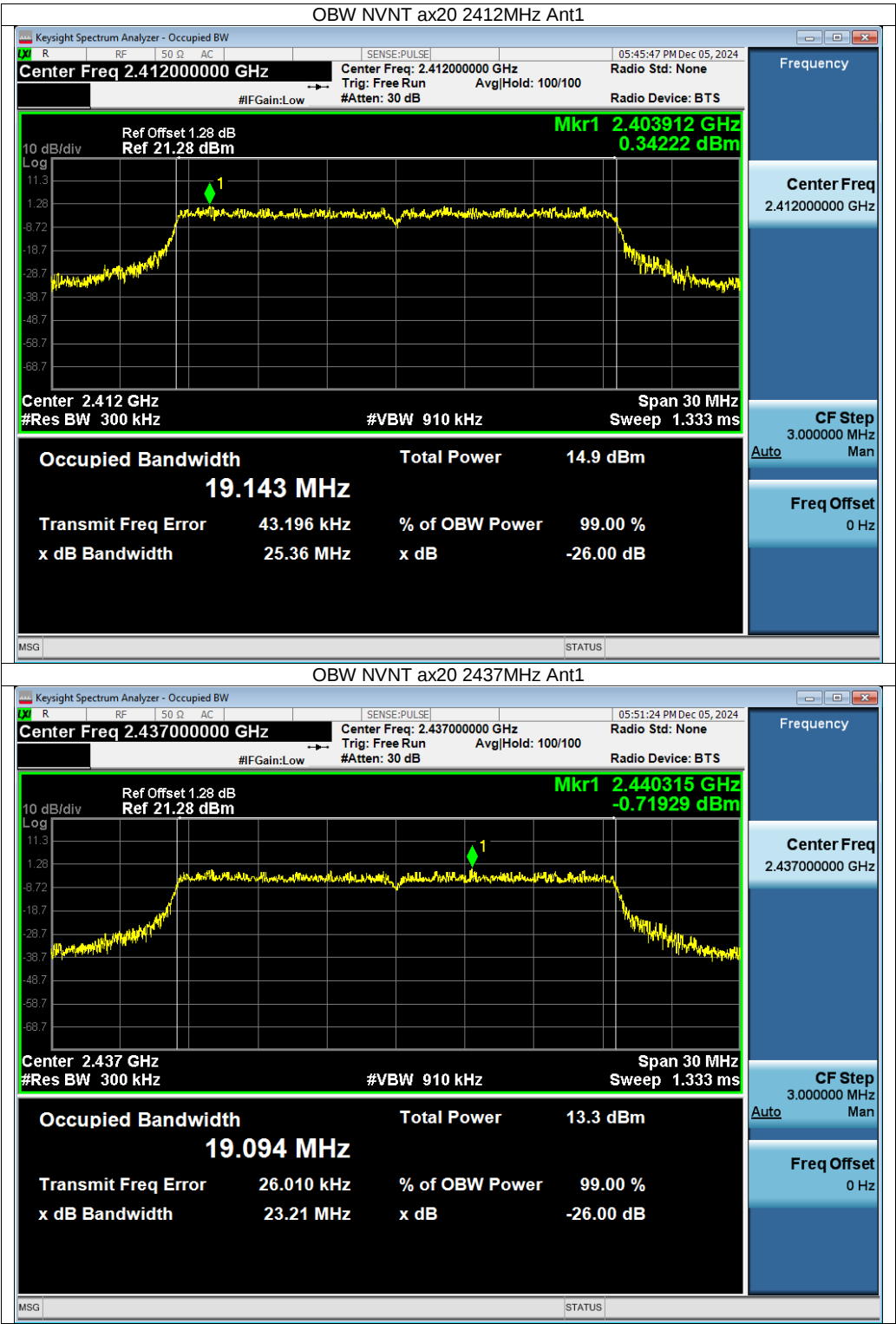
49.67 MHz

x dB

-26.00 dB

MSG

STATUS



OBW NVNT ax20 2437MHz Ant1

KeySight Spectrum Analyzer - Occupied BW

Center Freq 2.437000000 GHz

Center Freq: 2.437000000 GHz

Trig: Free Run

Avg|Hold: 100/100

Radio Std: None

#FGain:Low

#Atten: 30 dB

Radio Device: BTS

05:51:24 PM Dec 05, 2024

Ref Offset 1.28 dB

Ref 21.28 dBm

Mkr1 2.440315 GHz

-0.71929 dBm

10 dB/div

Log

11.3

1.28

-8.72

-18.7

-28.7

-38.7

-48.7

-58.7

-68.7

Center 2.437 GHz

#Res BW 300 kHz

#VBW 910 kHz

Span 30 MHz

Sweep 1.333 ms

Occupied Bandwidth

19.094 MHz

Total Power

13.3 dBm

Transmit Freq Error

26.010 kHz

% of OBW Power

99.00 %

x dB Bandwidth

23.21 MHz

x dB

-26.00 dB

MSG

STATUS

Frequency

Center Freq

2.437000000 GHz

CF Step

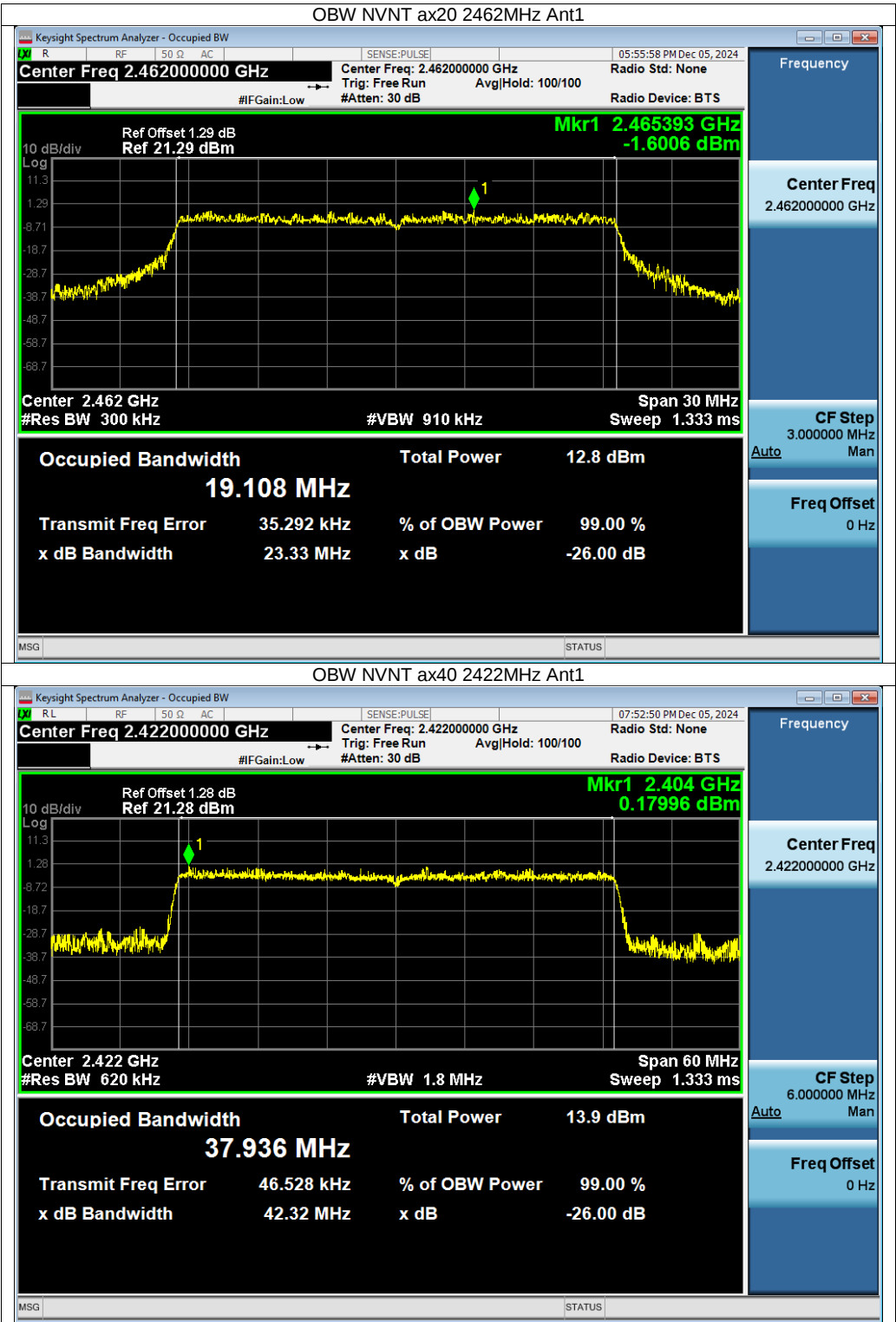
3.000000 MHz

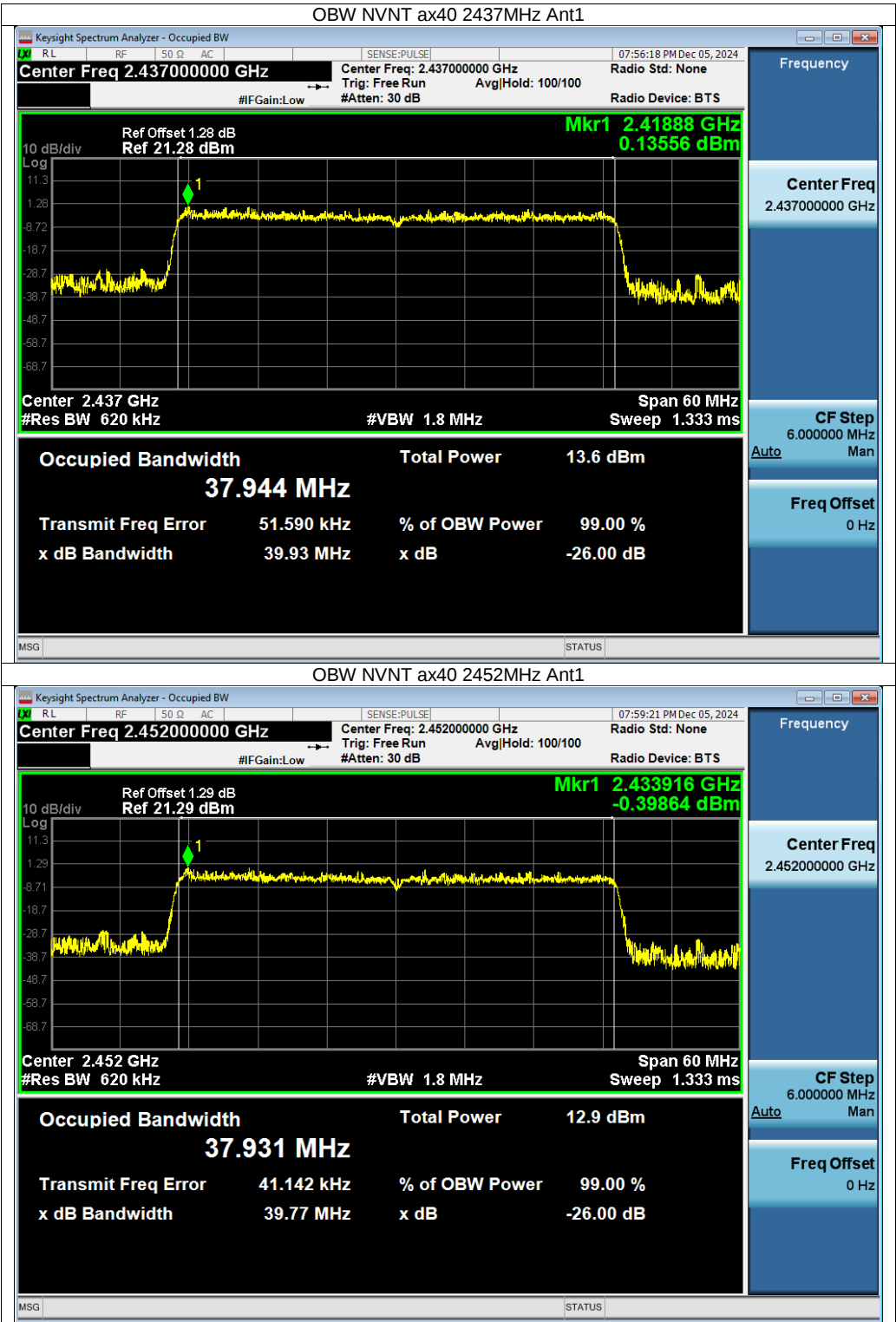
Auto

Man

Freq Offset

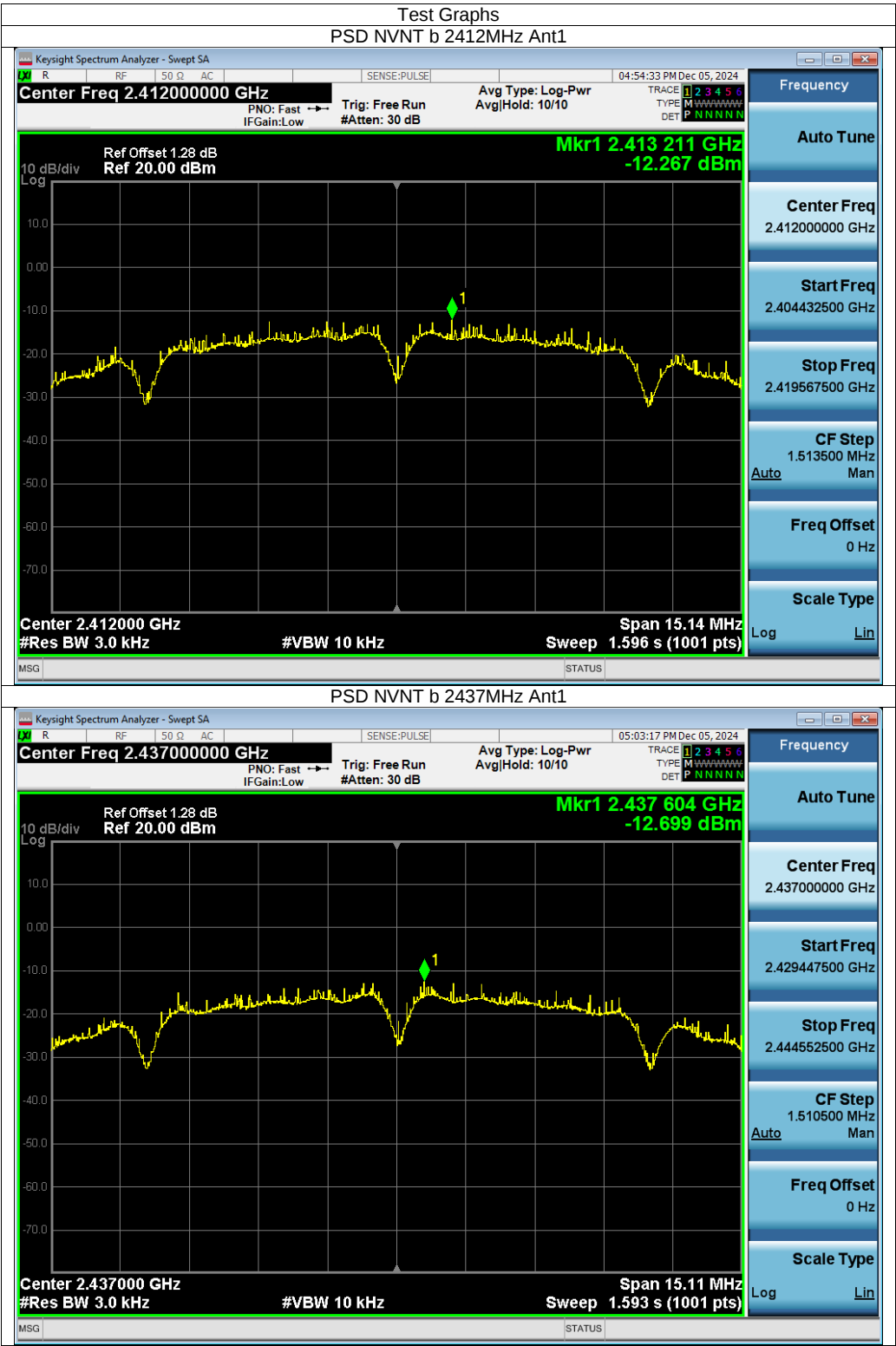
0 Hz



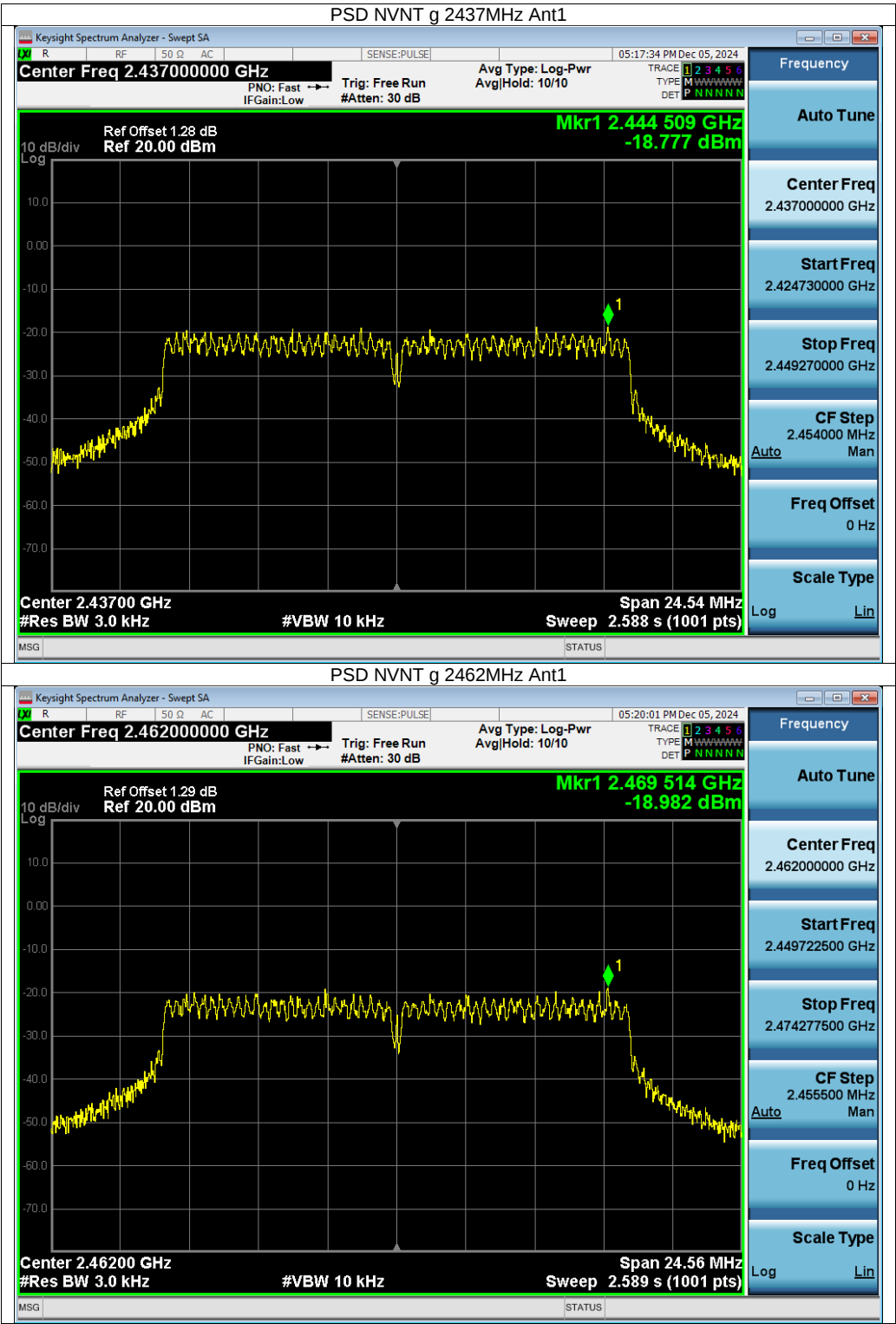


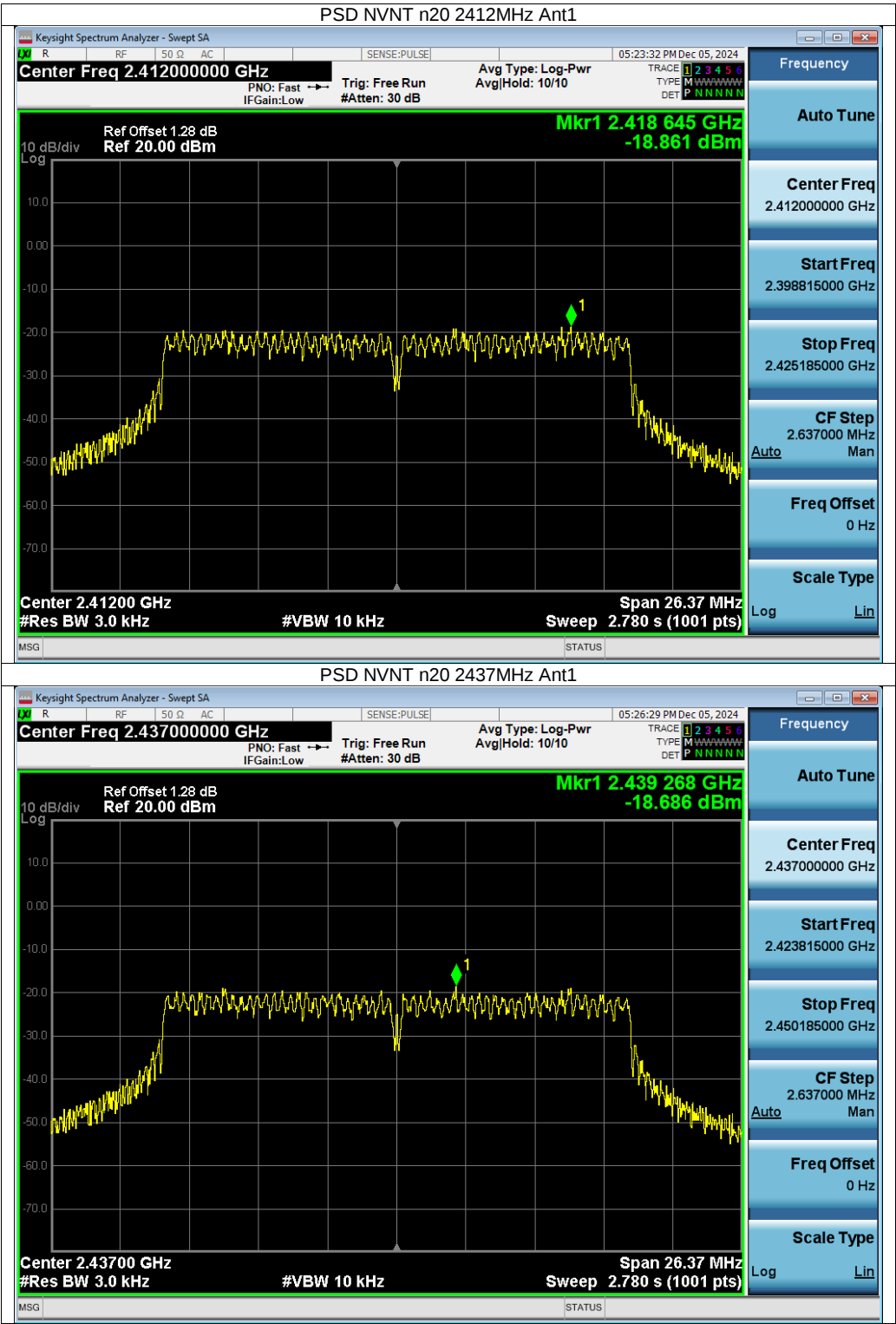
Maximum Power Spectral Density Level

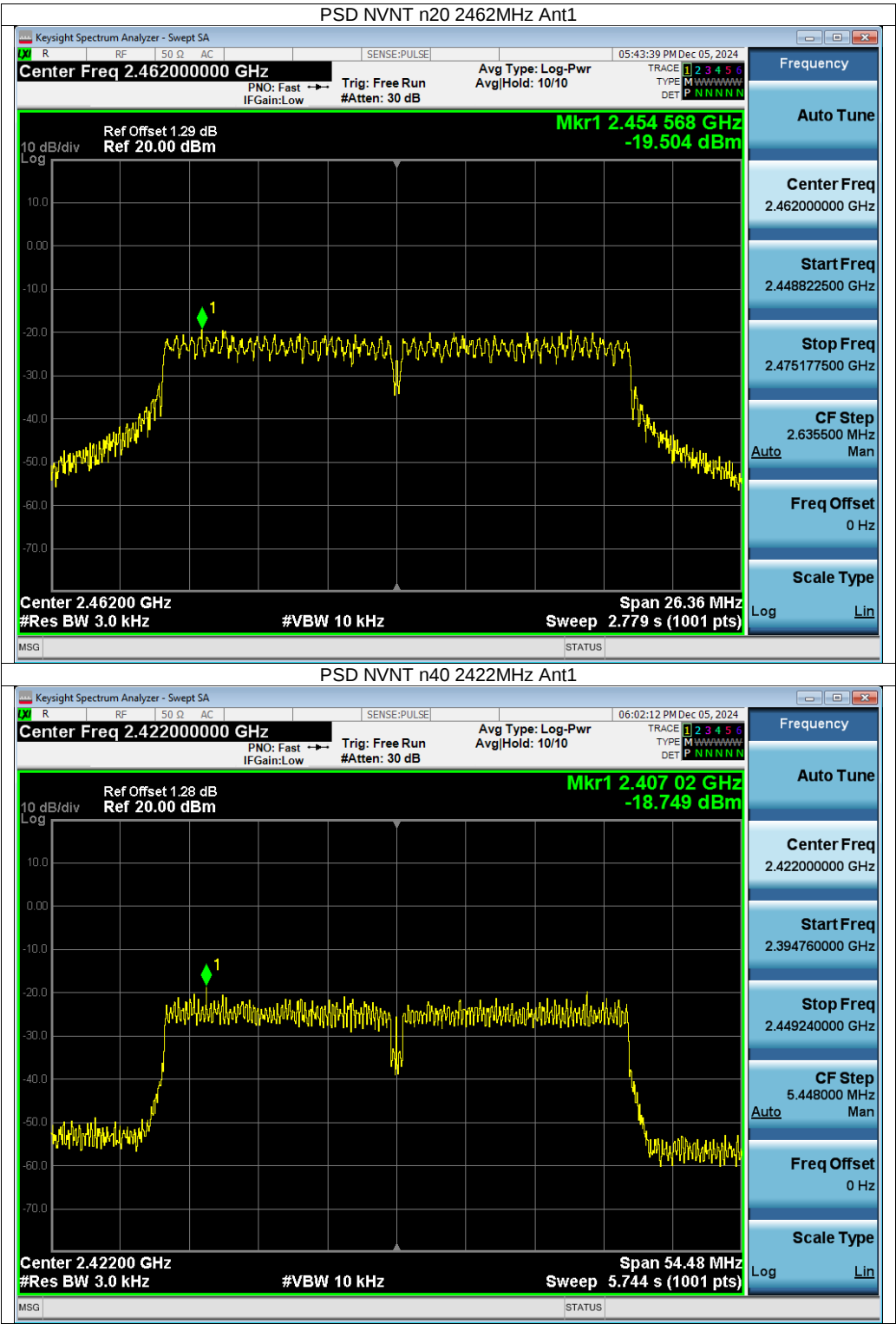
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-12.27	8	Pass
NVNT	b	2437	Ant1	-12.7	8	Pass
NVNT	b	2462	Ant1	-12.55	8	Pass
NVNT	g	2412	Ant1	-18.15	8	Pass
NVNT	g	2437	Ant1	-18.78	8	Pass
NVNT	g	2462	Ant1	-18.98	8	Pass
NVNT	n20	2412	Ant1	-18.86	8	Pass
NVNT	n20	2437	Ant1	-18.69	8	Pass
NVNT	n20	2462	Ant1	-19.5	8	Pass
NVNT	n40	2422	Ant1	-18.75	8	Pass
NVNT	n40	2437	Ant1	-19.82	8	Pass
NVNT	n40	2452	Ant1	-20.18	8	Pass
NVNT	ax20	2412	Ant1	-20.06	8	Pass
NVNT	ax20	2437	Ant1	-20.09	8	Pass
NVNT	ax20	2462	Ant1	-20.48	8	Pass
NVNT	ax40	2422	Ant1	-21.77	8	Pass
NVNT	ax40	2437	Ant1	-21.92	8	Pass
NVNT	ax40	2452	Ant1	-22.31	8	Pass

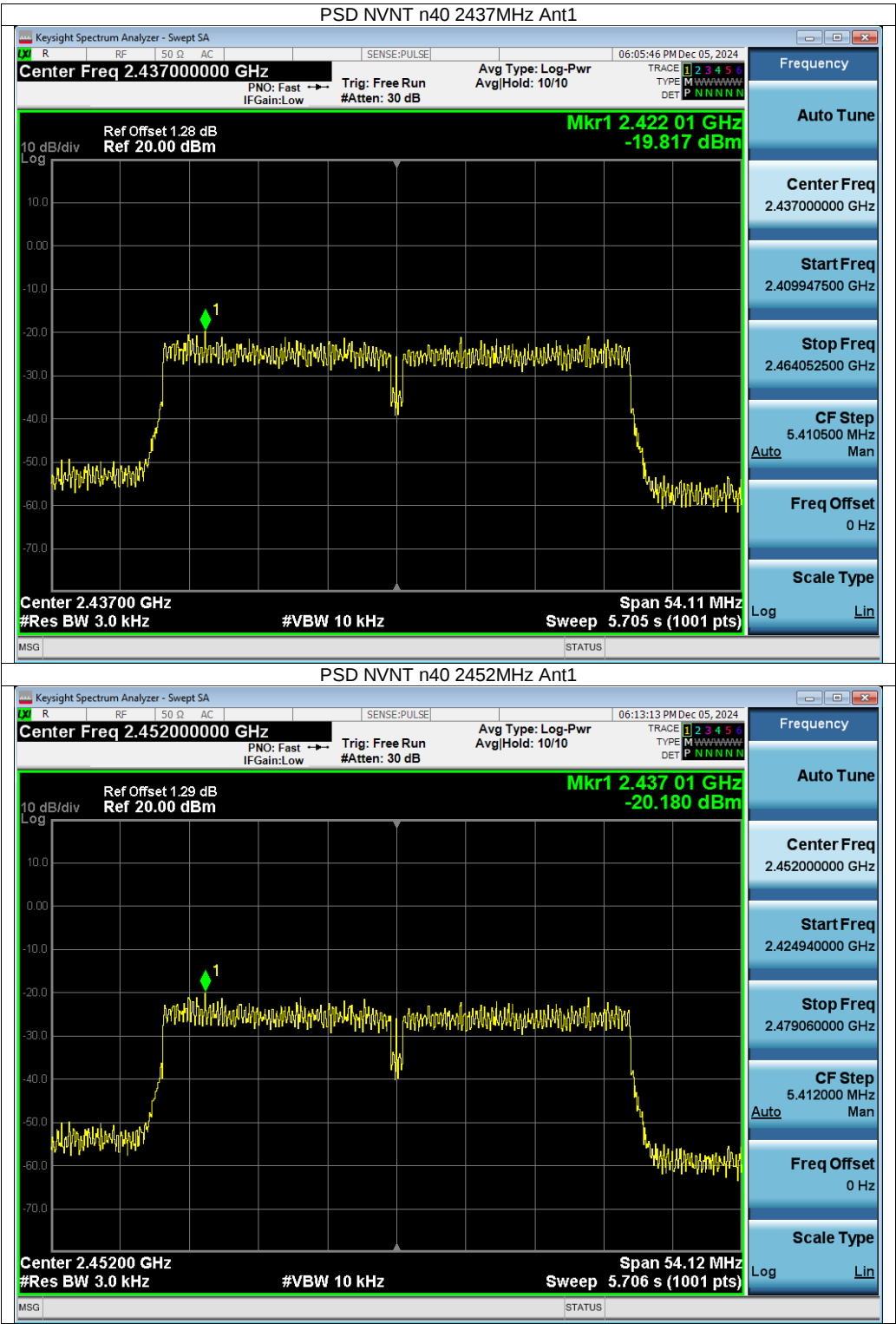


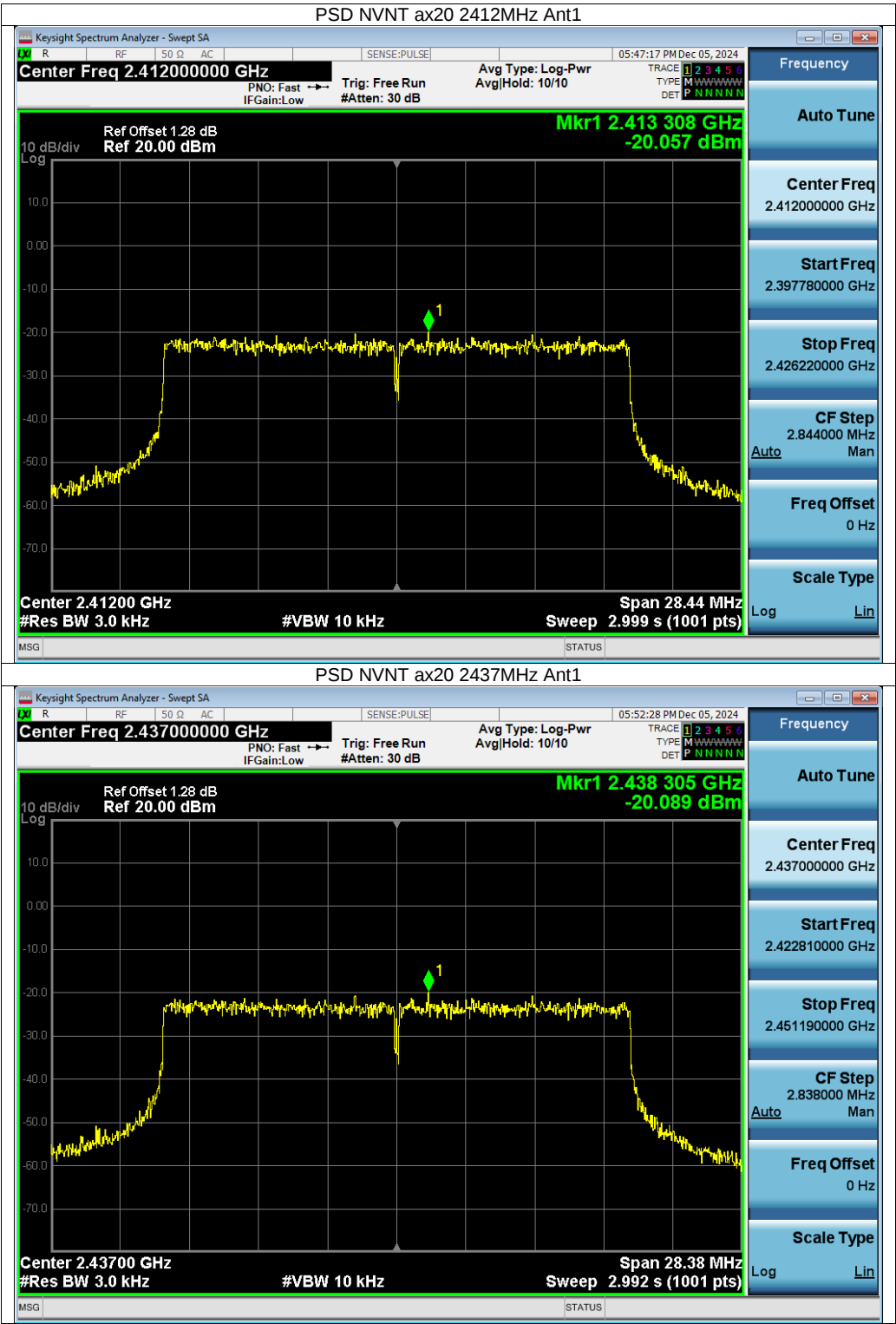


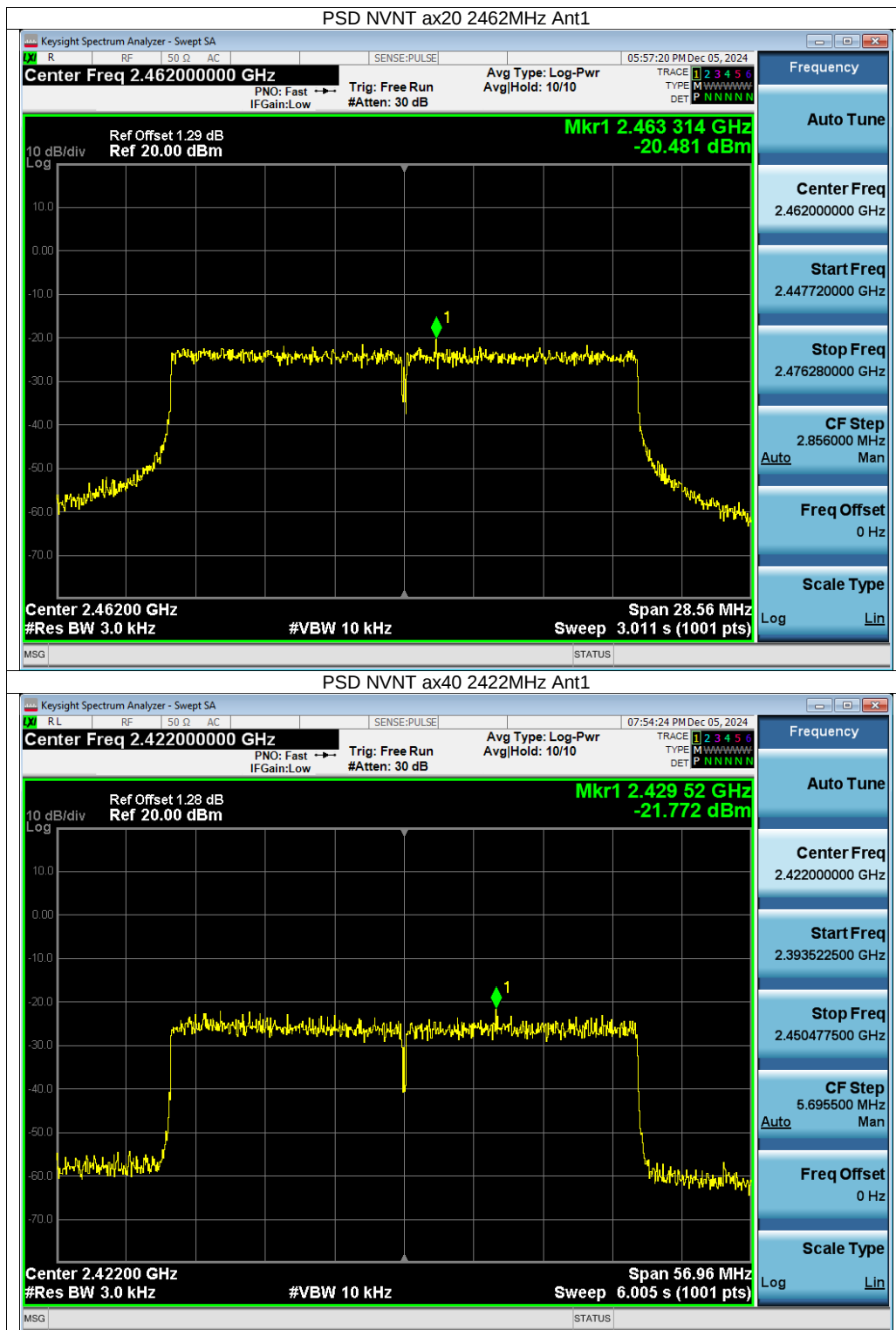


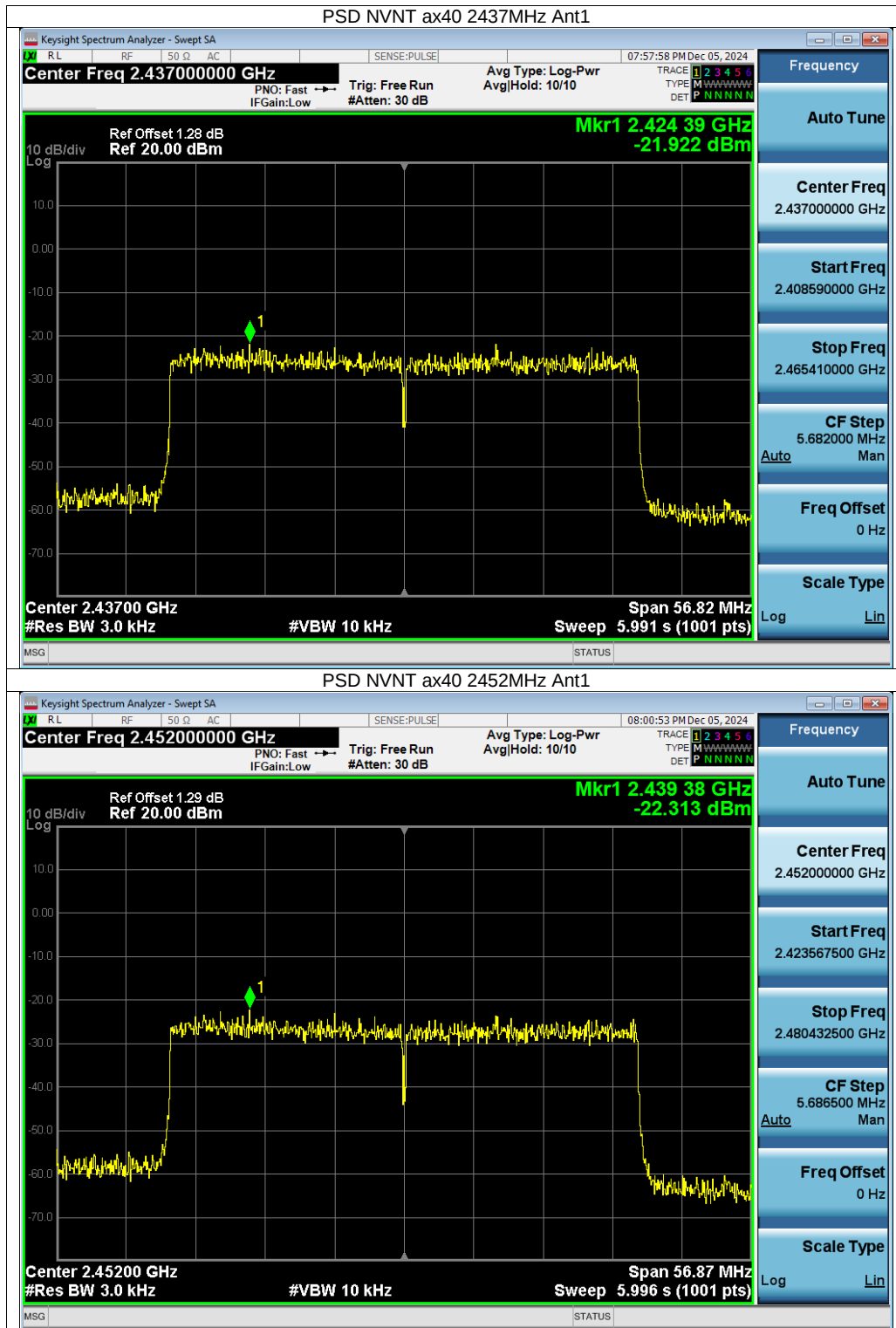






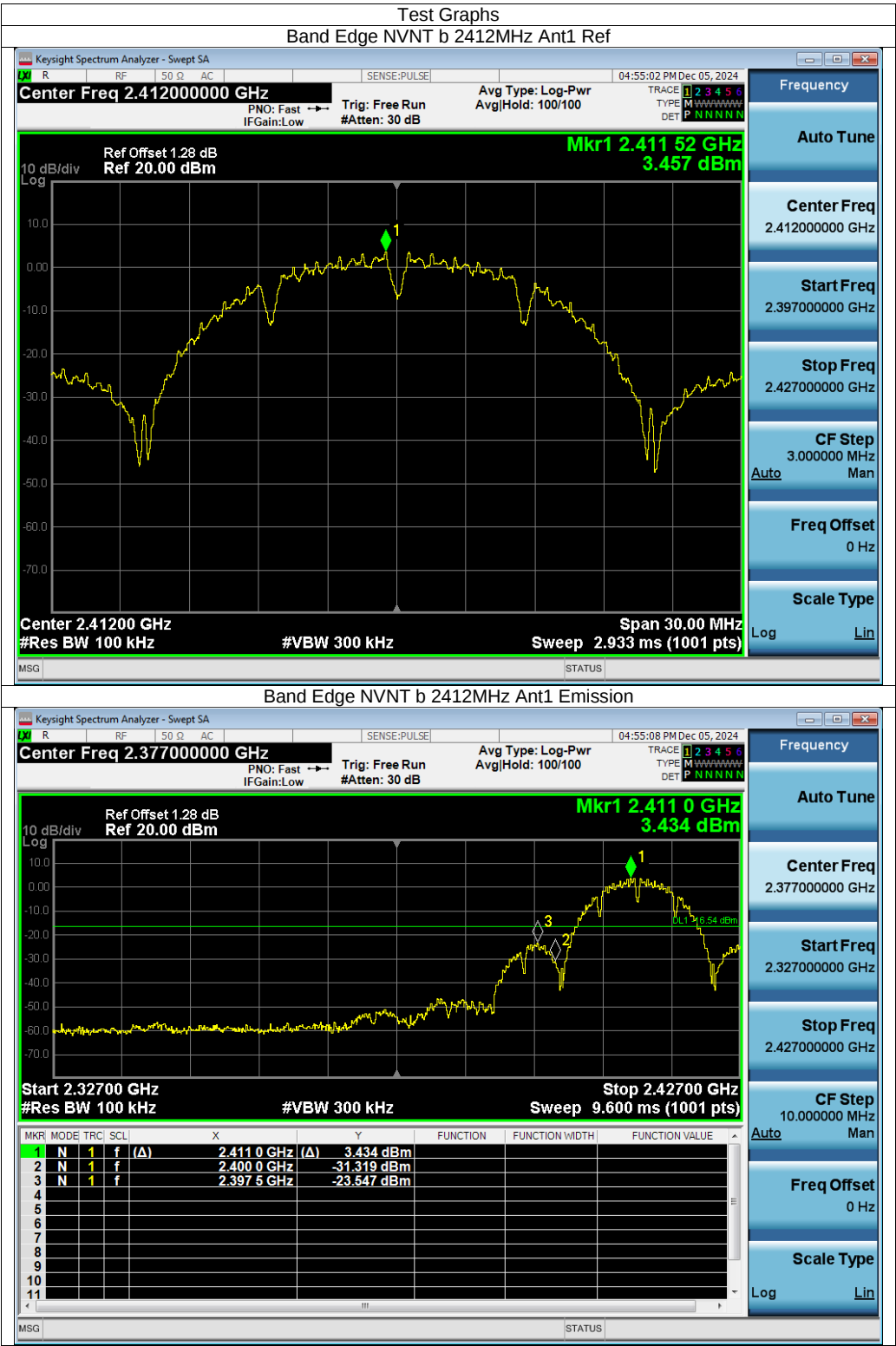




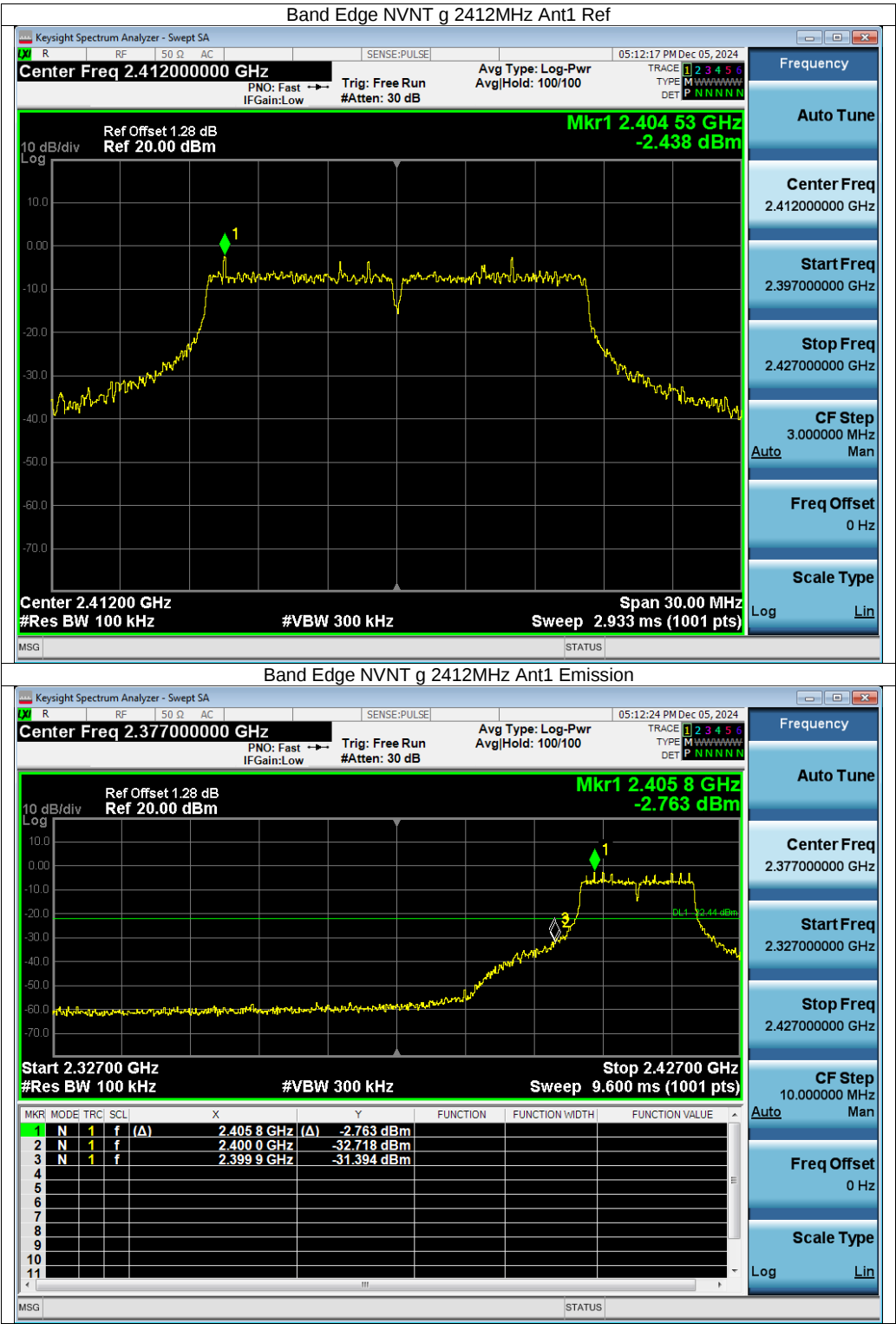


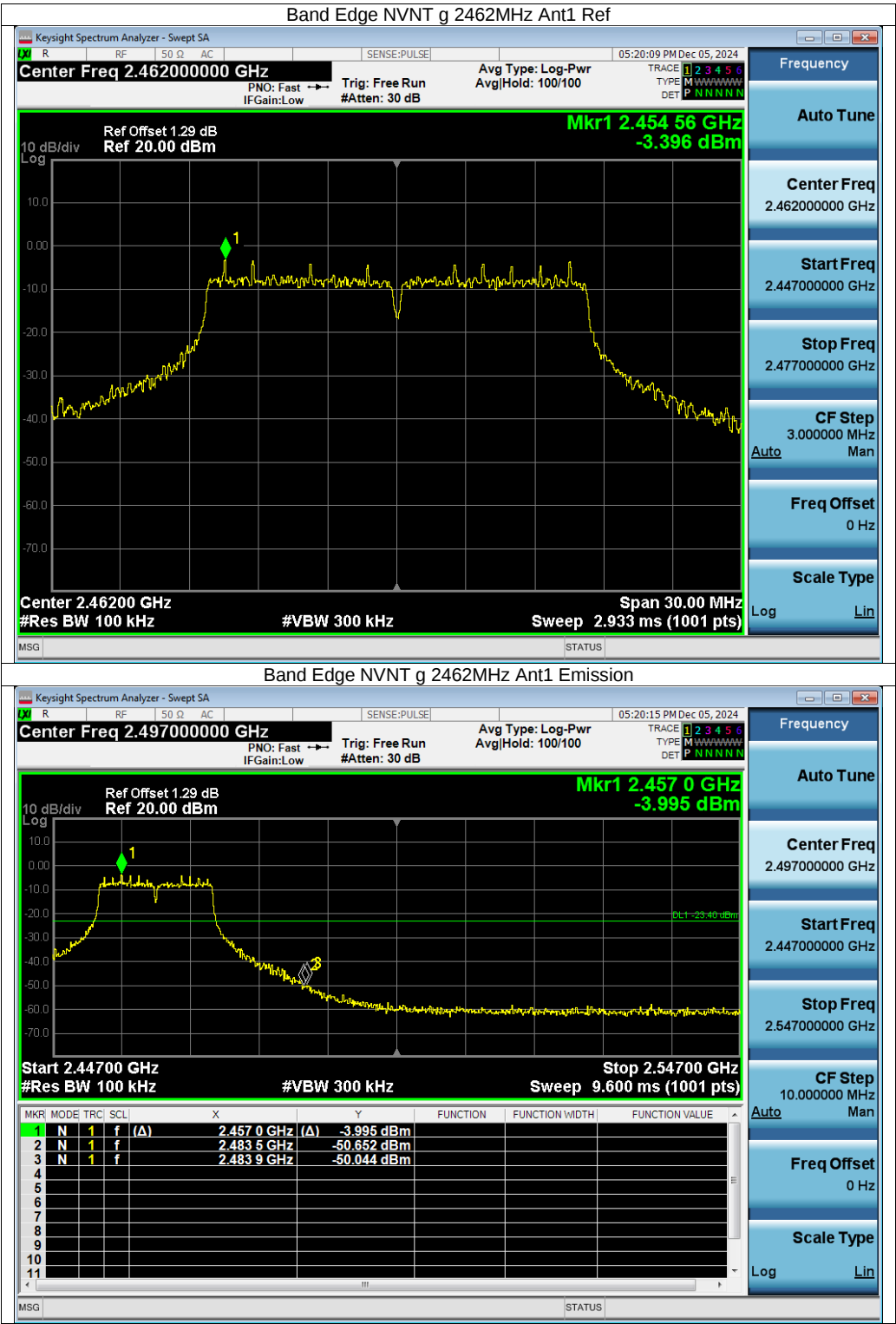
Band Edge

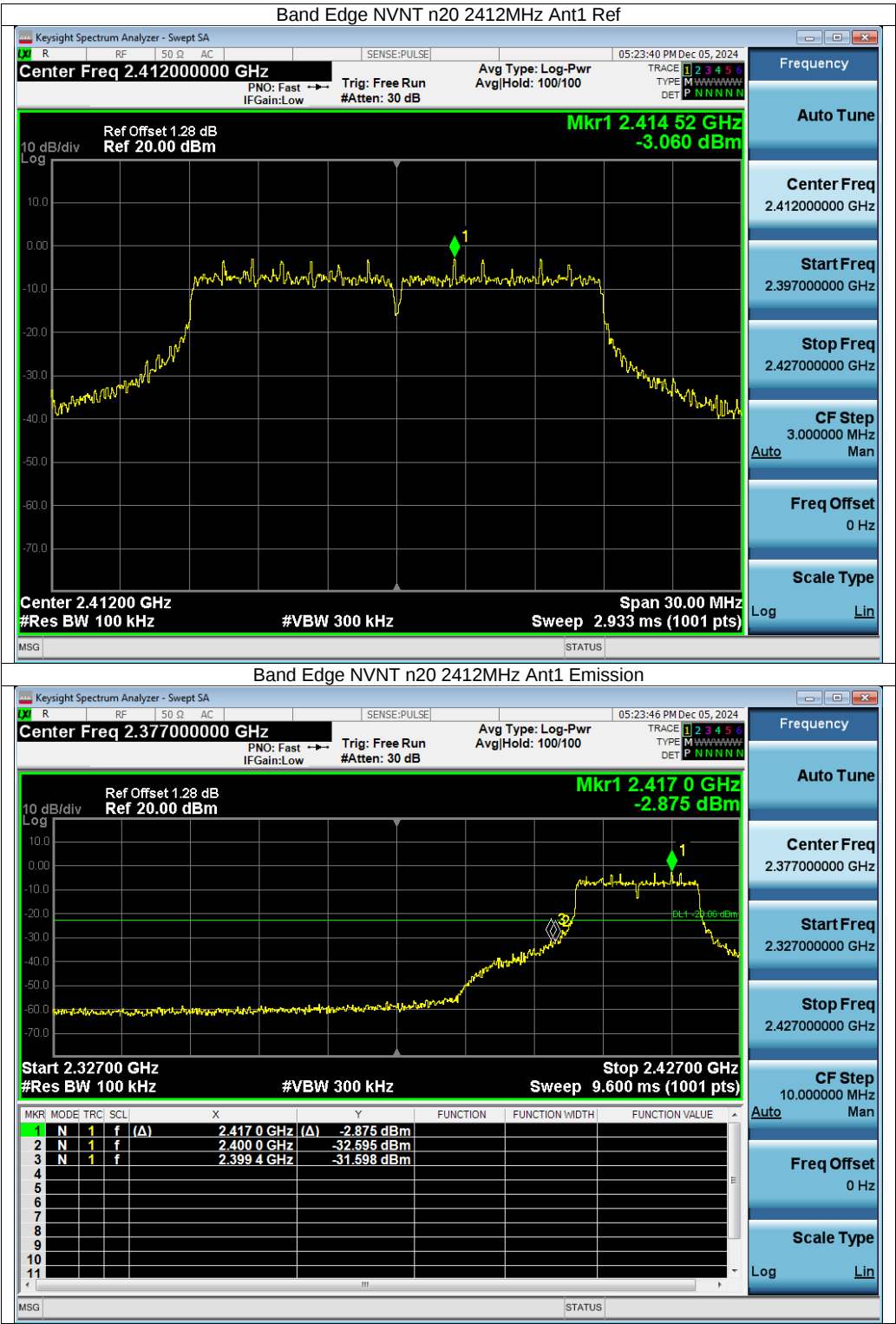
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-27.01	-20	Pass
NVNT	b	2462	Ant1	-54.87	-20	Pass
NVNT	g	2412	Ant1	-28.95	-20	Pass
NVNT	g	2462	Ant1	-46.64	-20	Pass
NVNT	n20	2412	Ant1	-28.54	-20	Pass
NVNT	n20	2462	Ant1	-43.73	-20	Pass
NVNT	n40	2422	Ant1	-28.77	-20	Pass
NVNT	n40	2452	Ant1	-31.27	-20	Pass
NVNT	ax20	2412	Ant1	-30.05	-20	Pass
NVNT	ax20	2462	Ant1	-45	-20	Pass
NVNT	ax40	2422	Ant1	-26.18	-20	Pass
NVNT	ax40	2452	Ant1	-33.11	-20	Pass



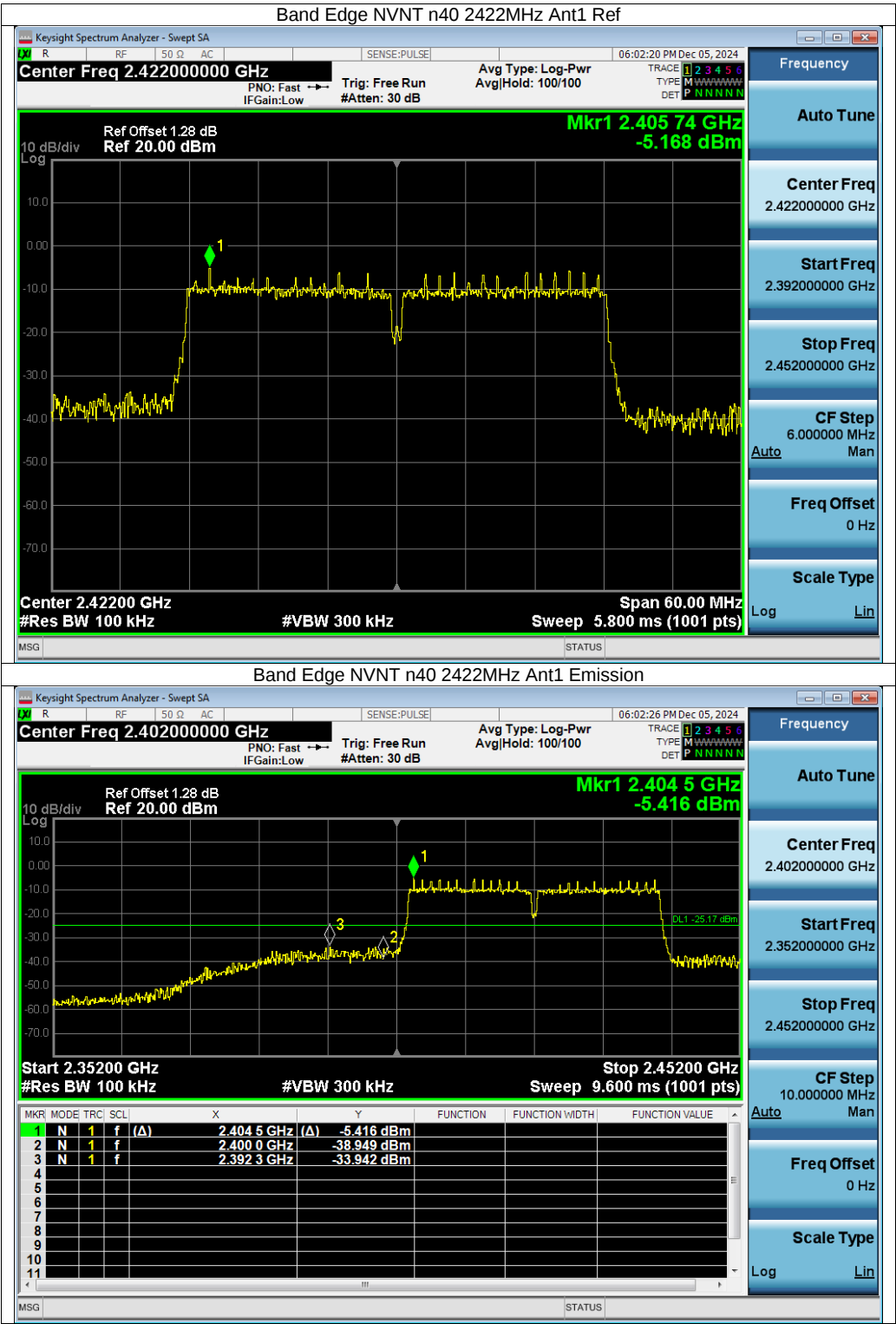


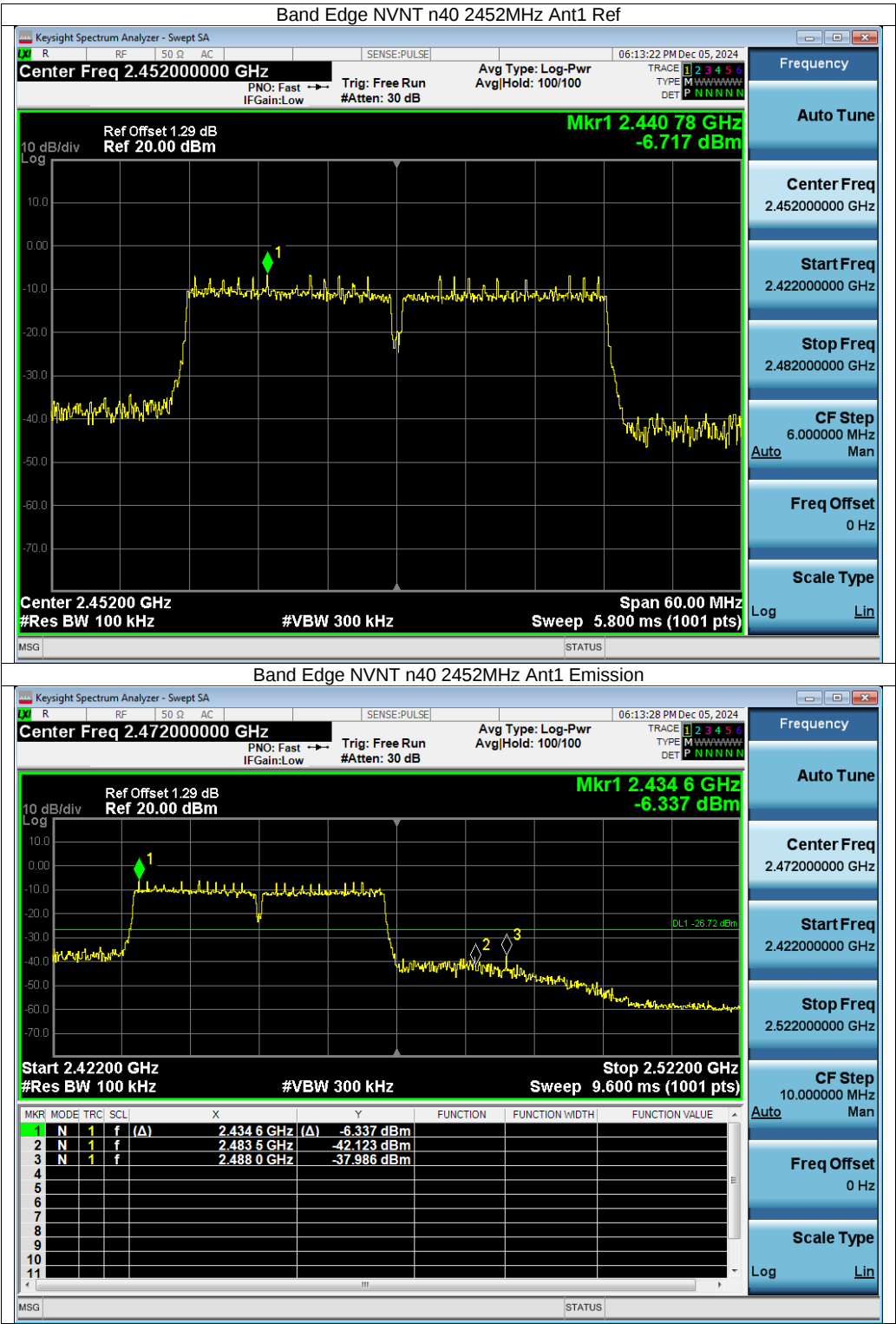


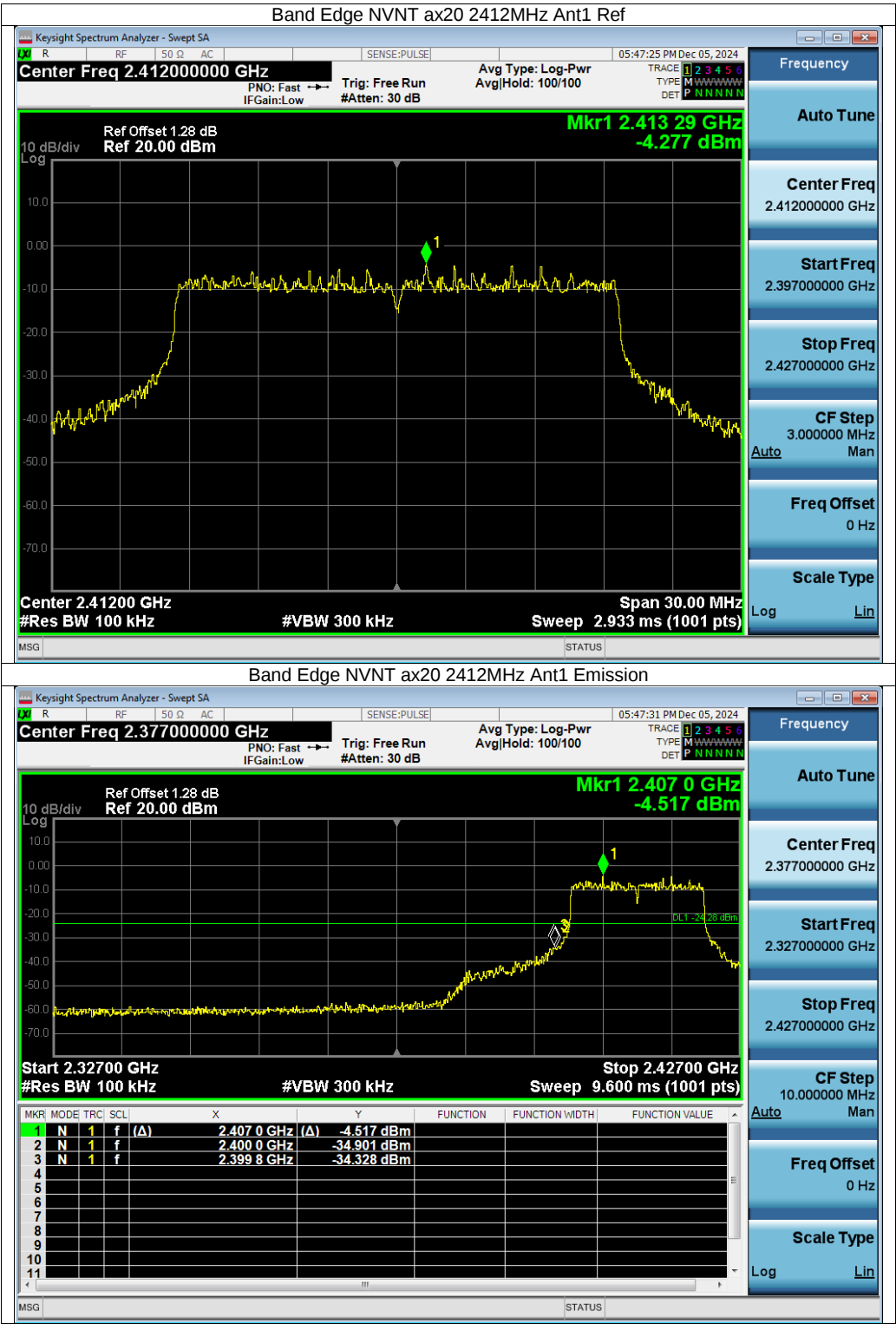


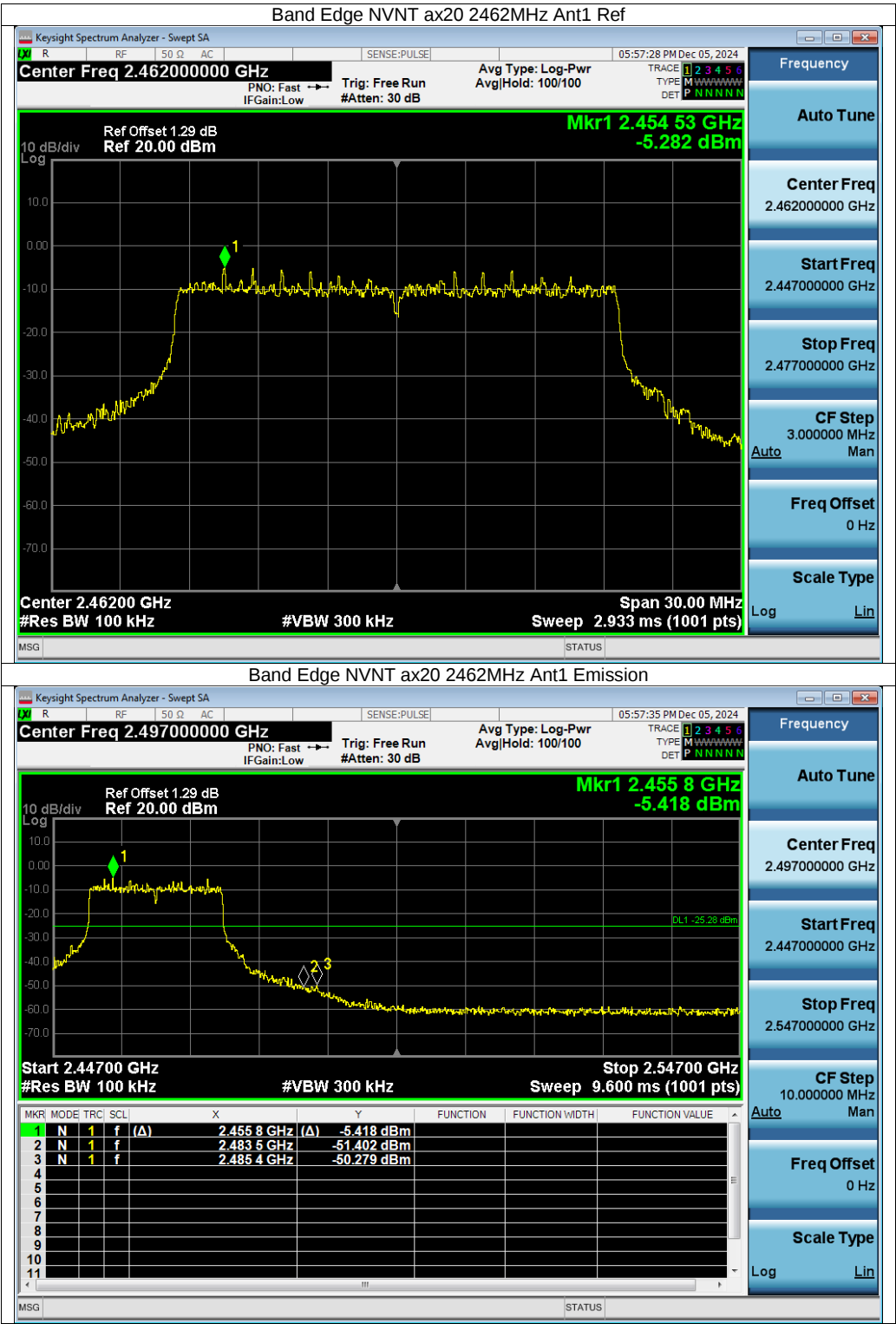


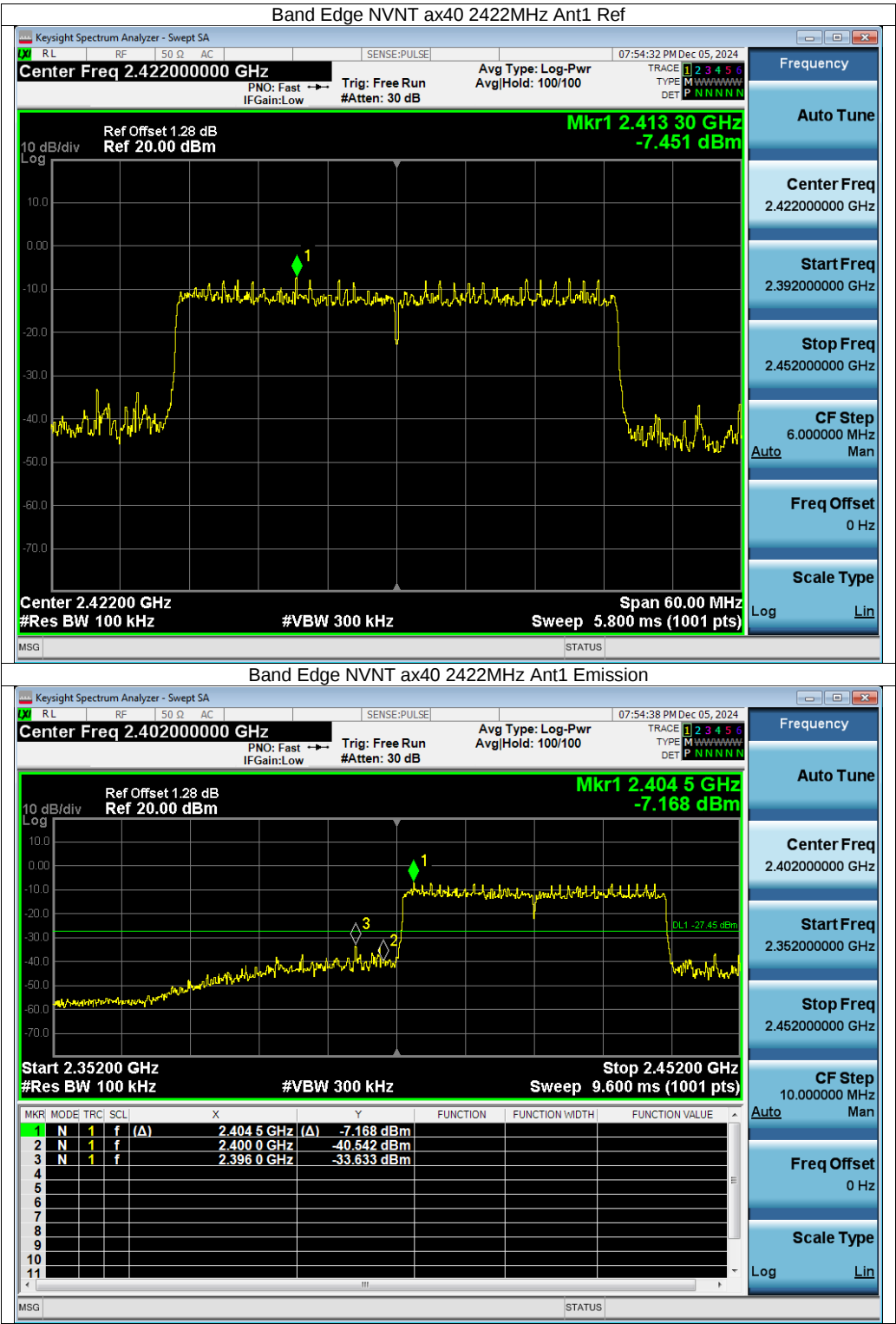


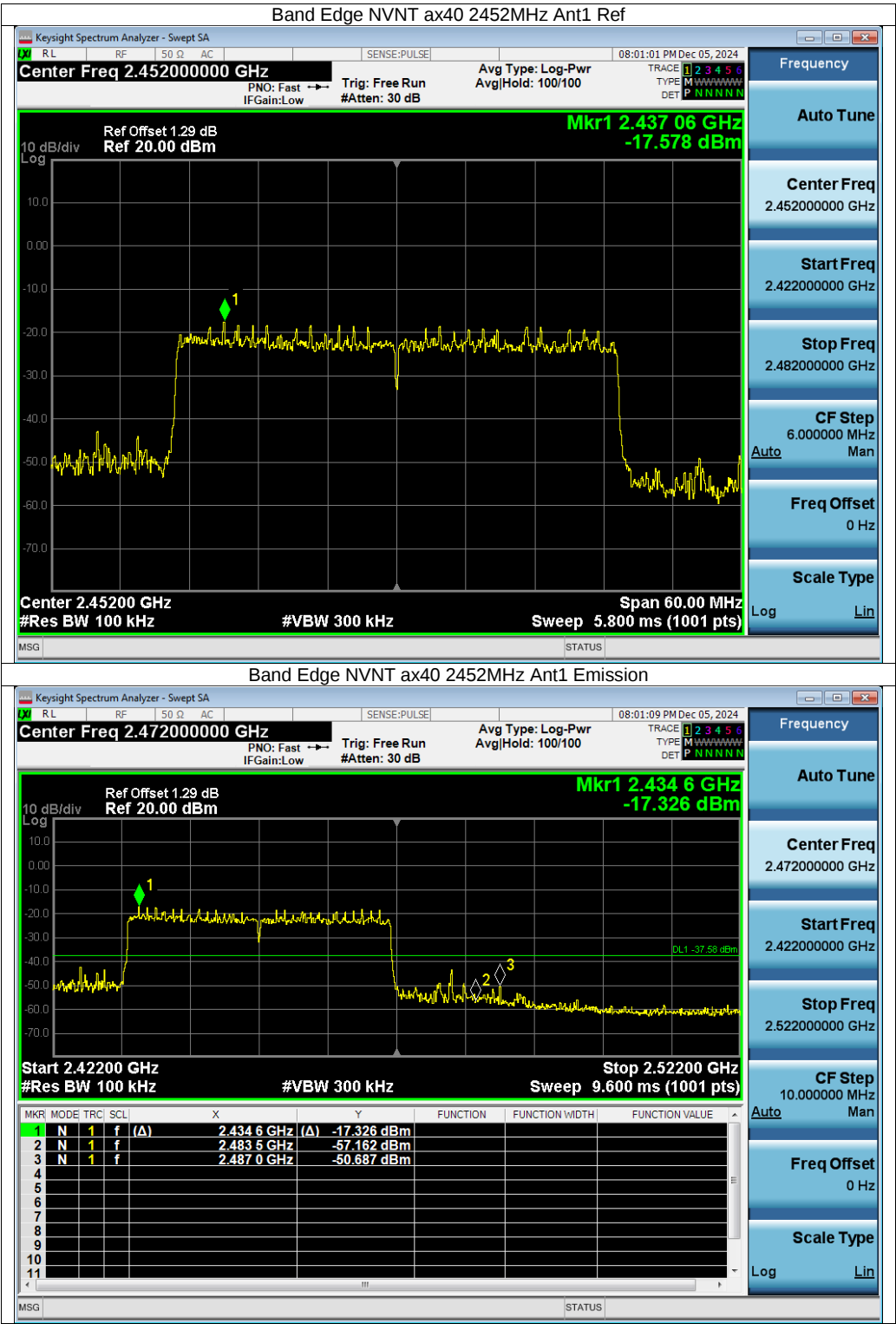






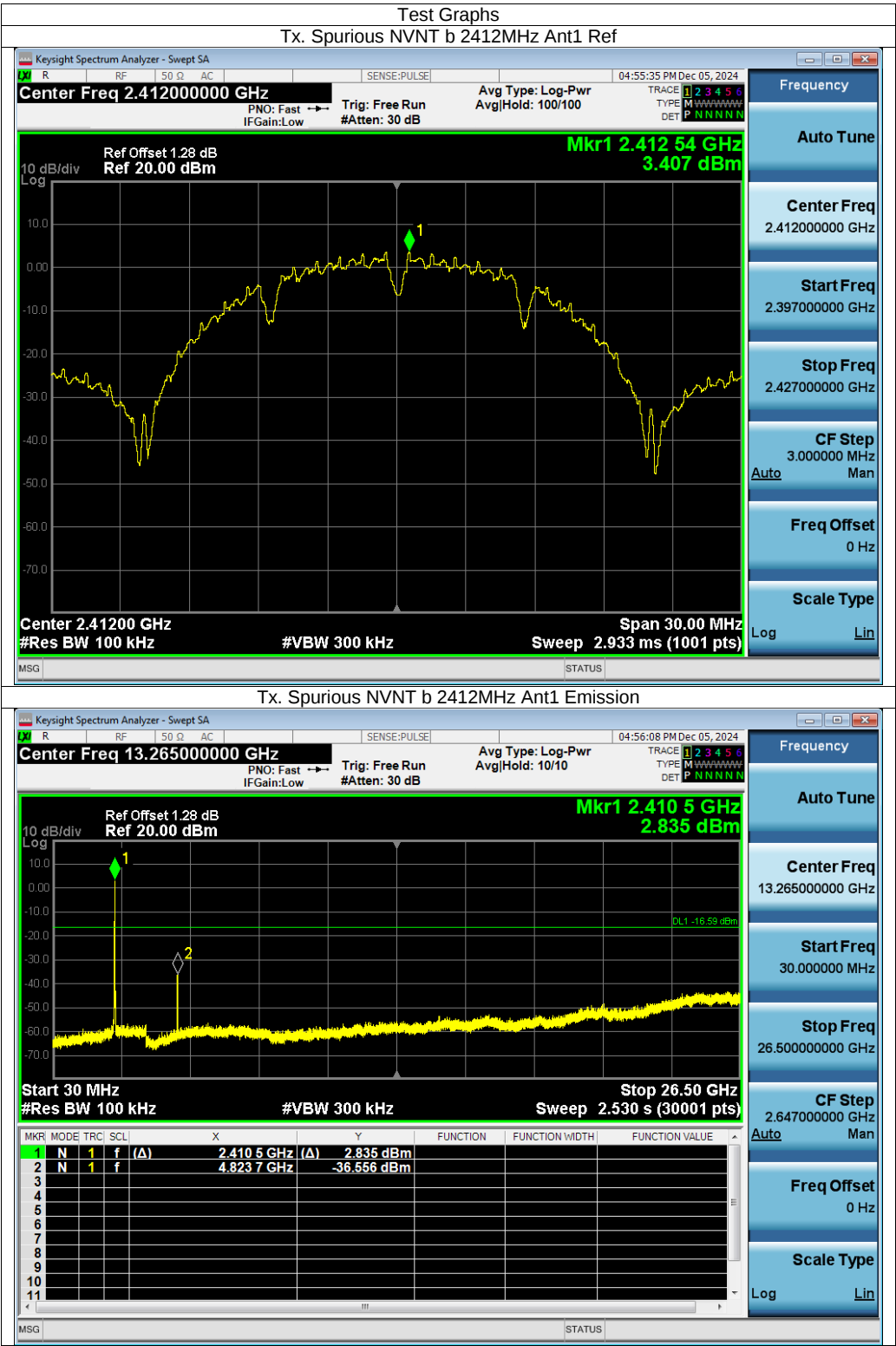


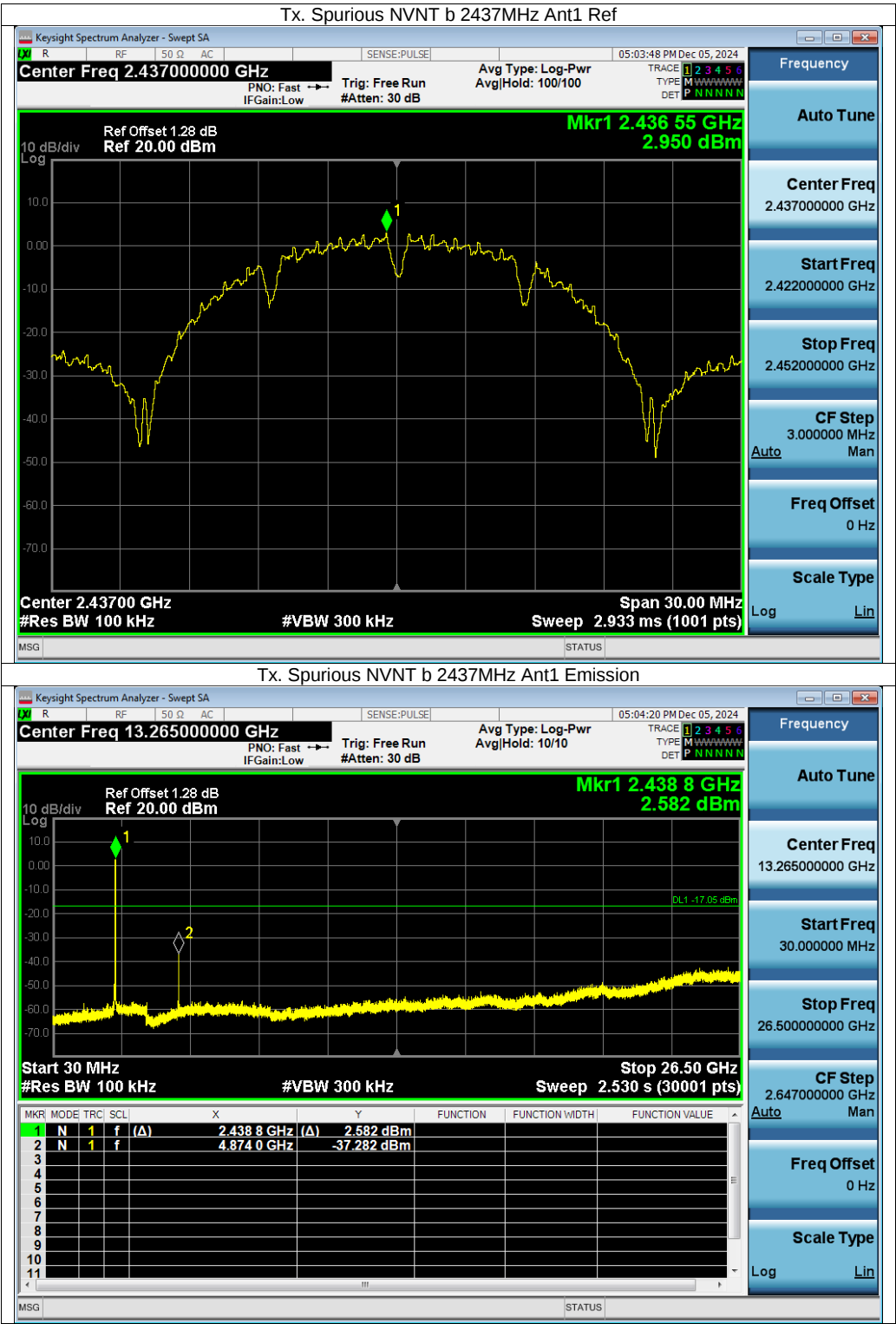


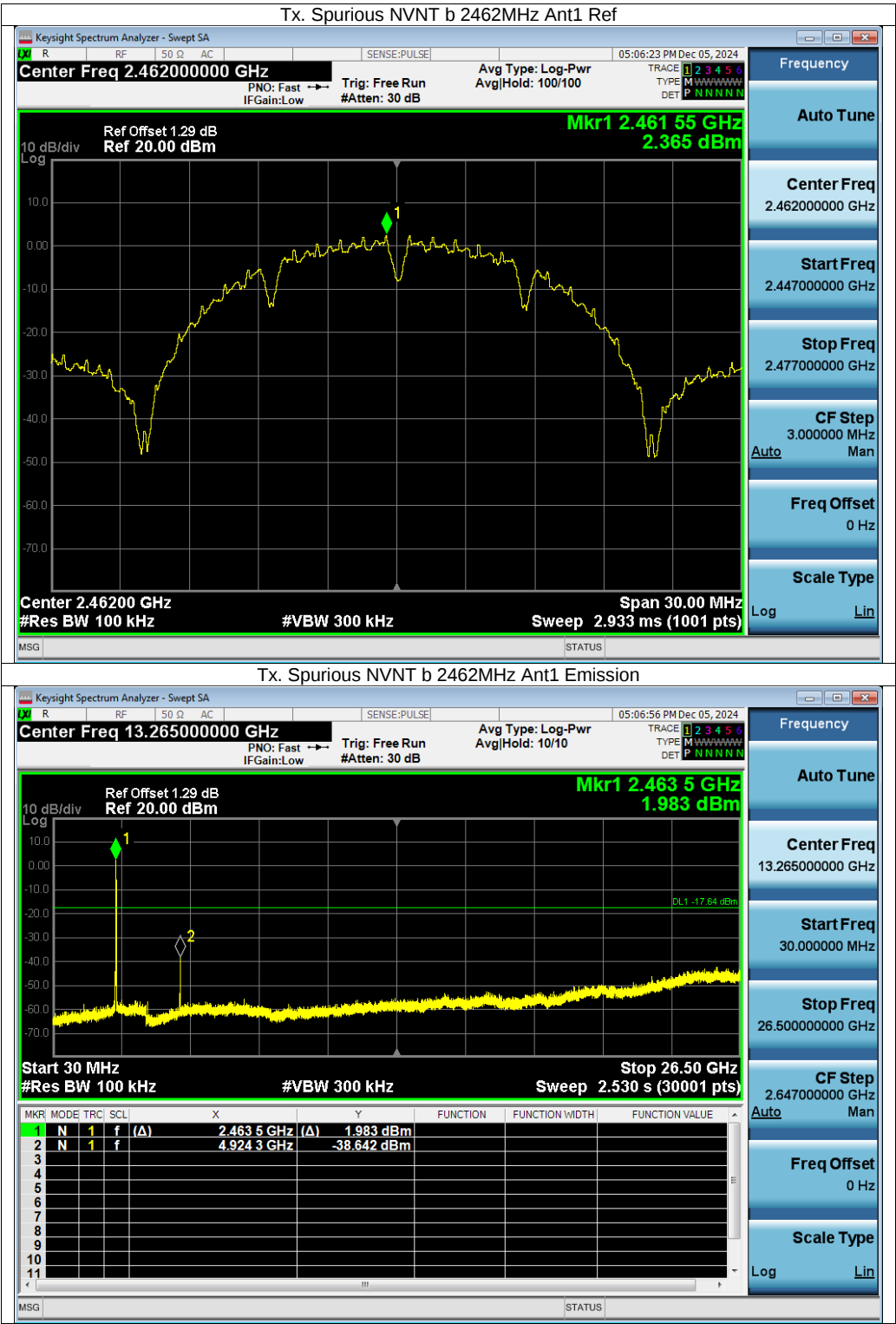


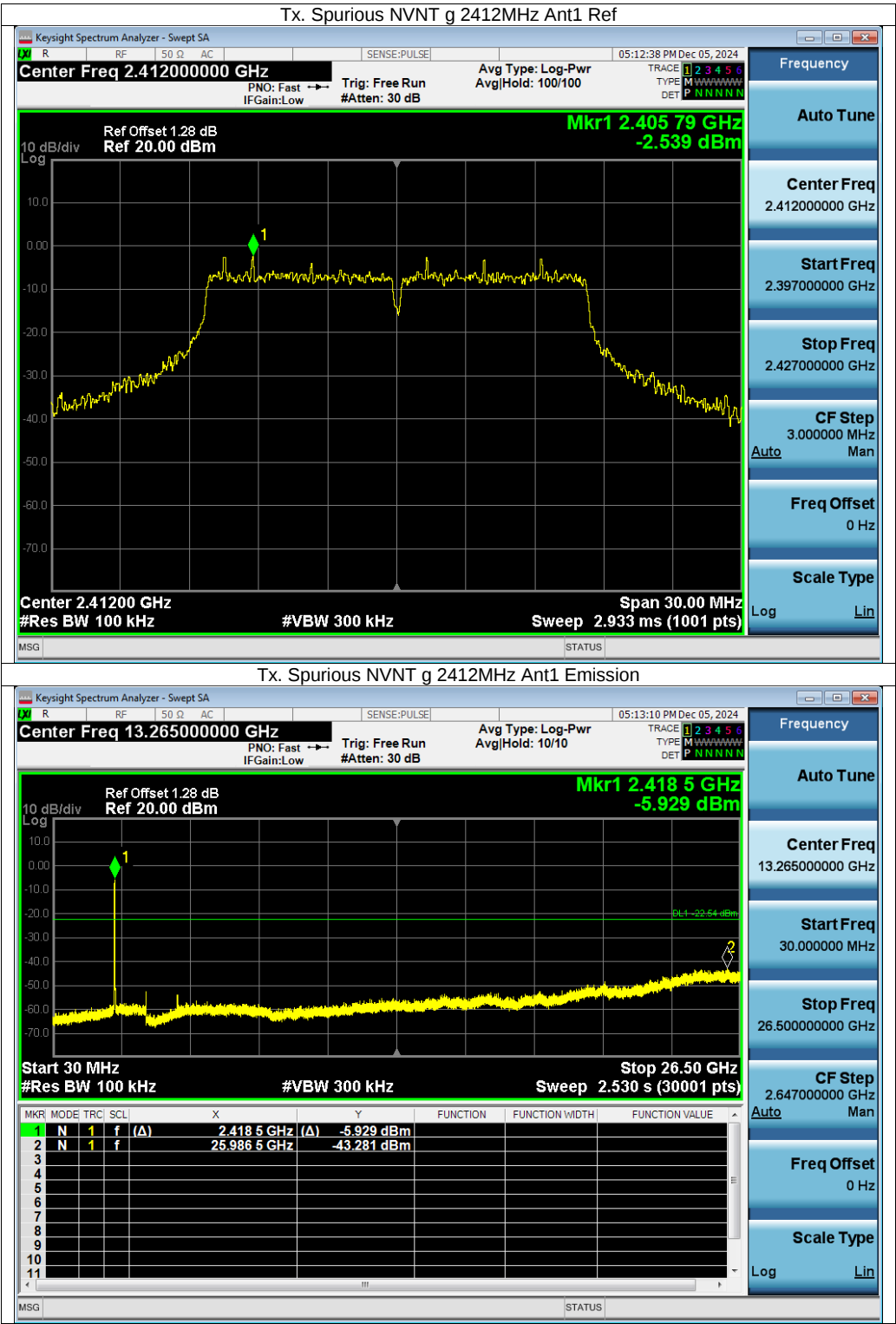
Conducted RF Spurious Emission

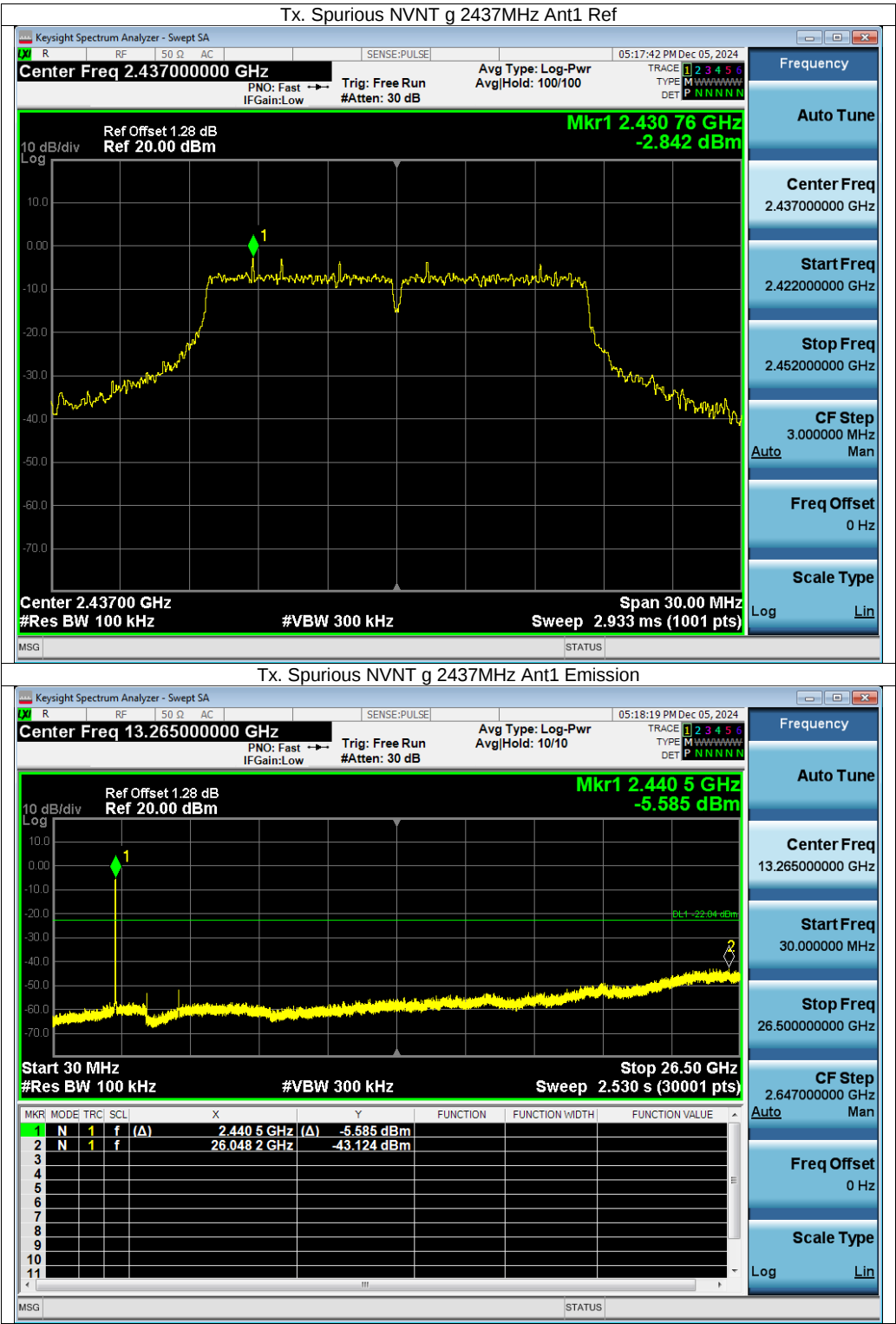
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-39.97	-20	Pass
NVNT	b	2437	Ant1	-40.23	-20	Pass
NVNT	b	2462	Ant1	-41.01	-20	Pass
NVNT	g	2412	Ant1	-40.74	-20	Pass
NVNT	g	2437	Ant1	-40.28	-20	Pass
NVNT	g	2462	Ant1	-39.39	-20	Pass
NVNT	n20	2412	Ant1	-39.96	-20	Pass
NVNT	n20	2437	Ant1	-38.97	-20	Pass
NVNT	n20	2462	Ant1	-38.38	-20	Pass
NVNT	n40	2422	Ant1	-36.81	-20	Pass
NVNT	n40	2437	Ant1	-37.99	-20	Pass
NVNT	n40	2452	Ant1	-36.22	-20	Pass
NVNT	ax20	2412	Ant1	-38.51	-20	Pass
NVNT	ax20	2437	Ant1	-38.36	-20	Pass
NVNT	ax20	2462	Ant1	-37.21	-20	Pass
NVNT	ax40	2422	Ant1	-35.64	-20	Pass
NVNT	ax40	2437	Ant1	-35.78	-20	Pass
NVNT	ax40	2452	Ant1	-25.32	-20	Pass

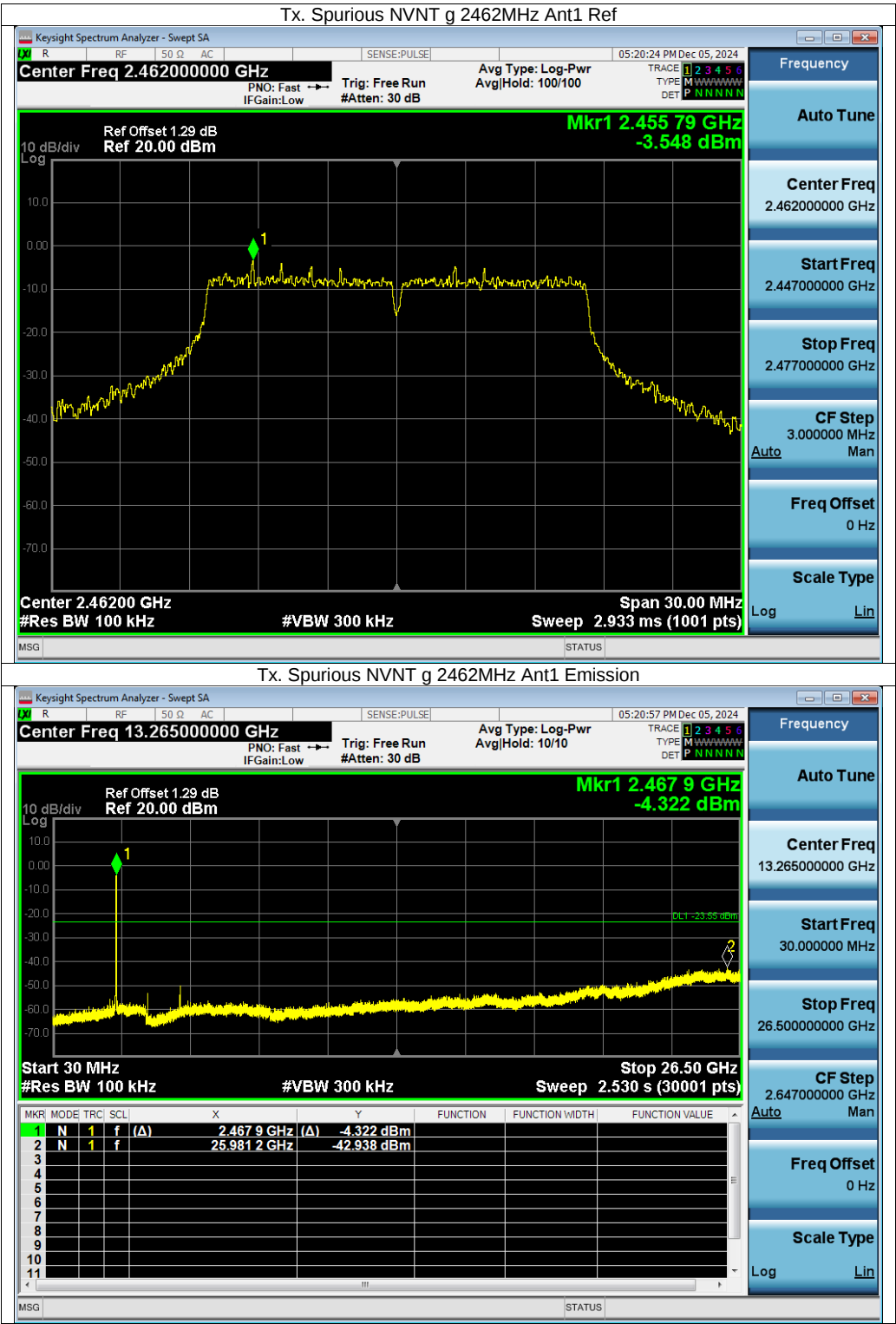


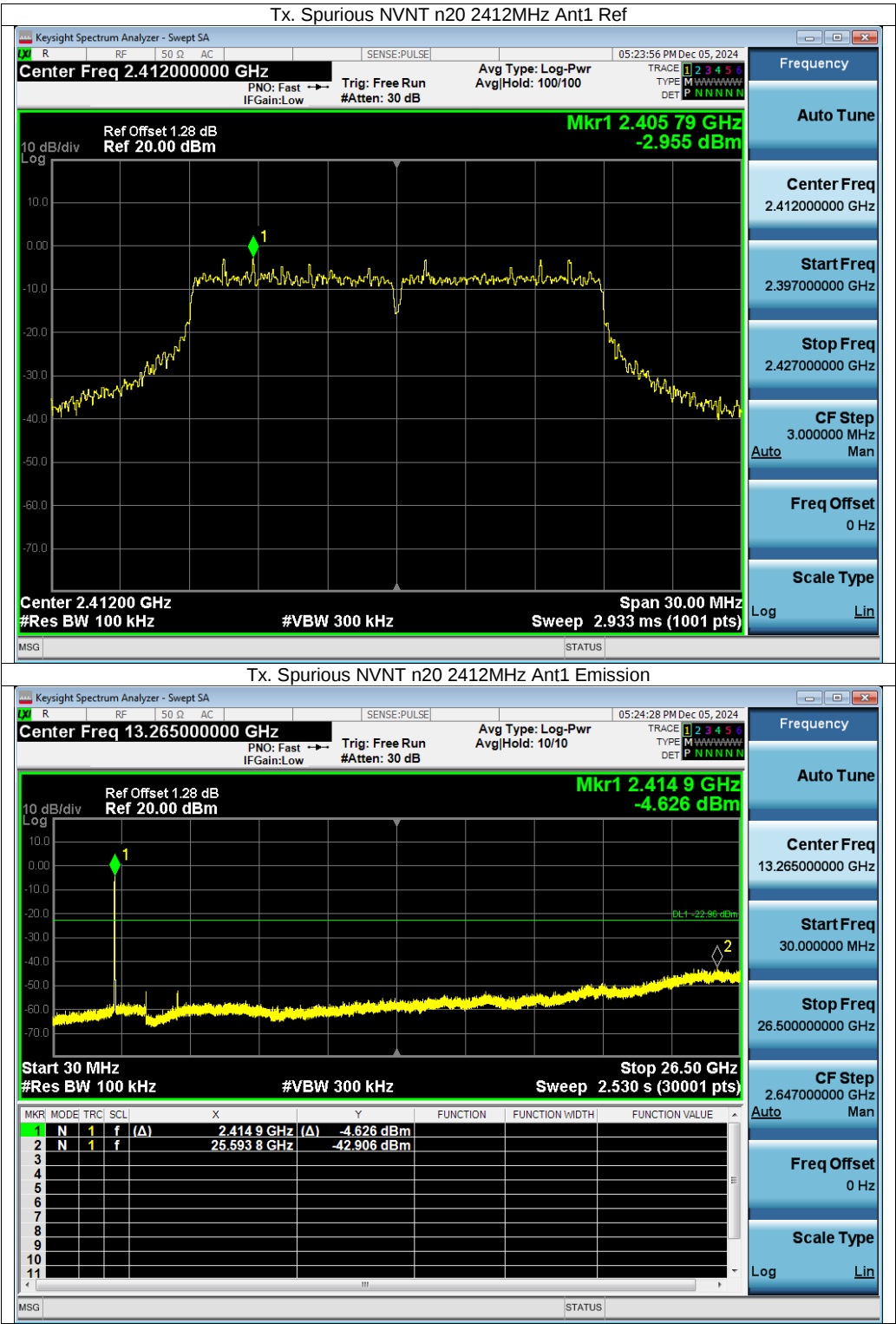


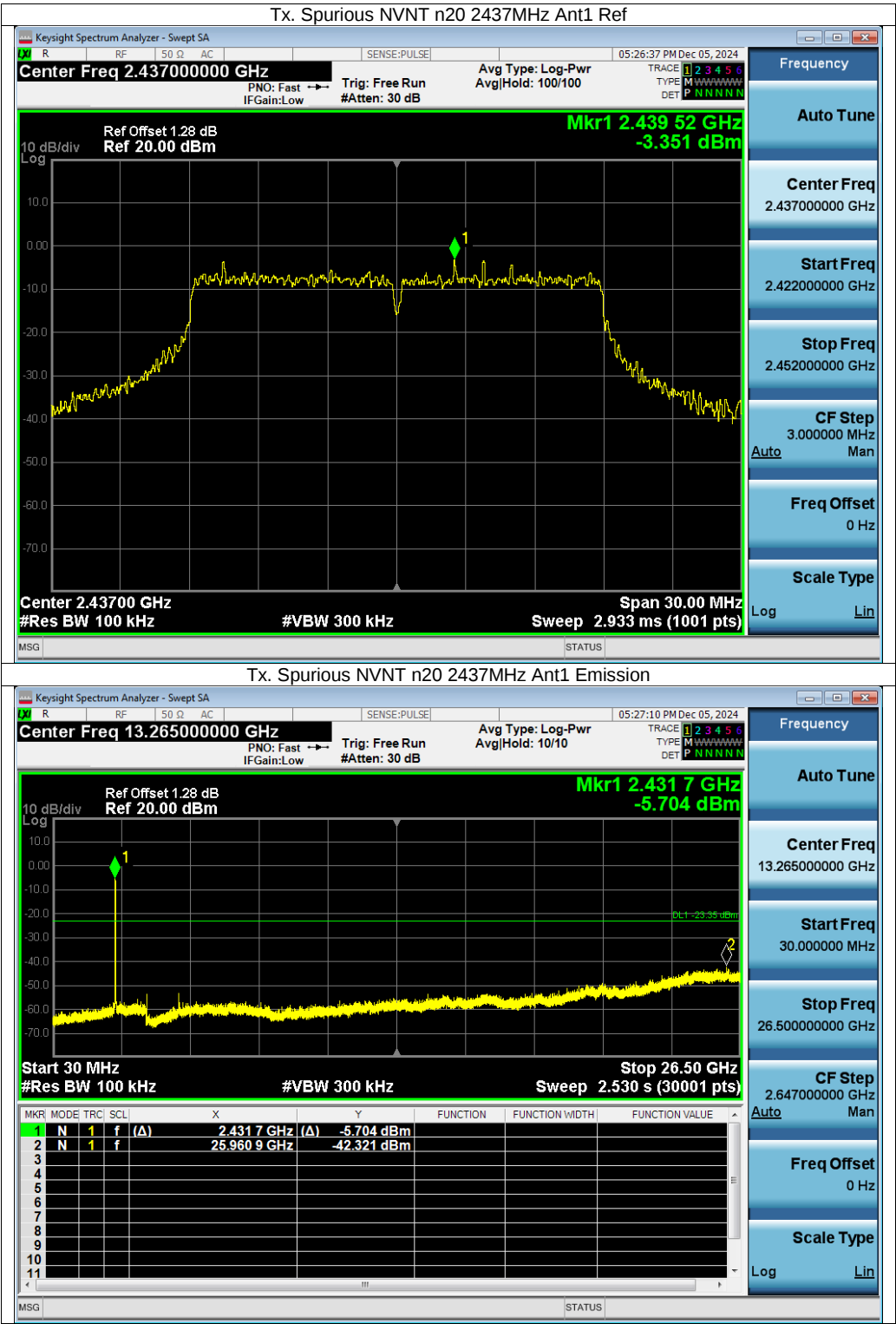


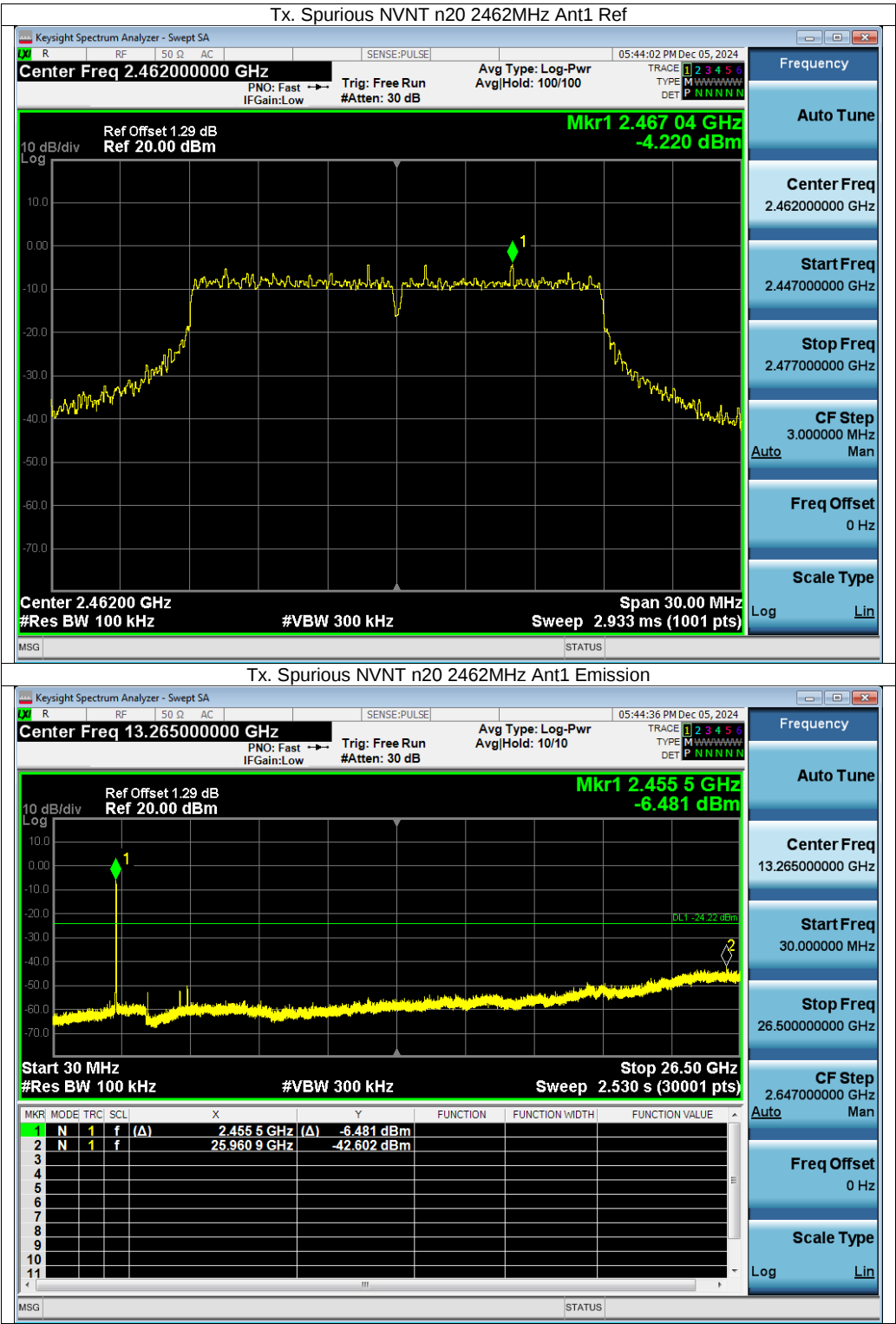


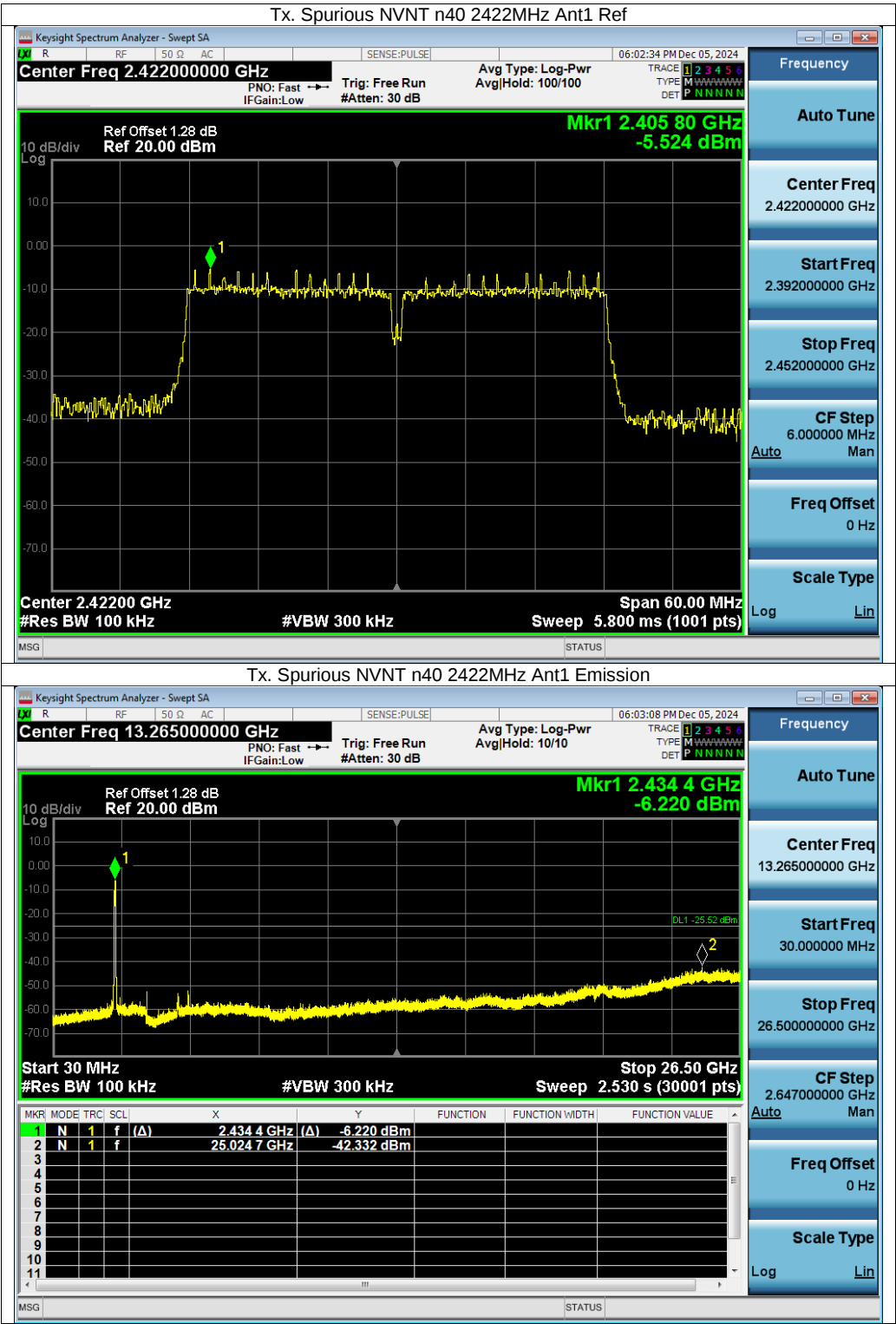


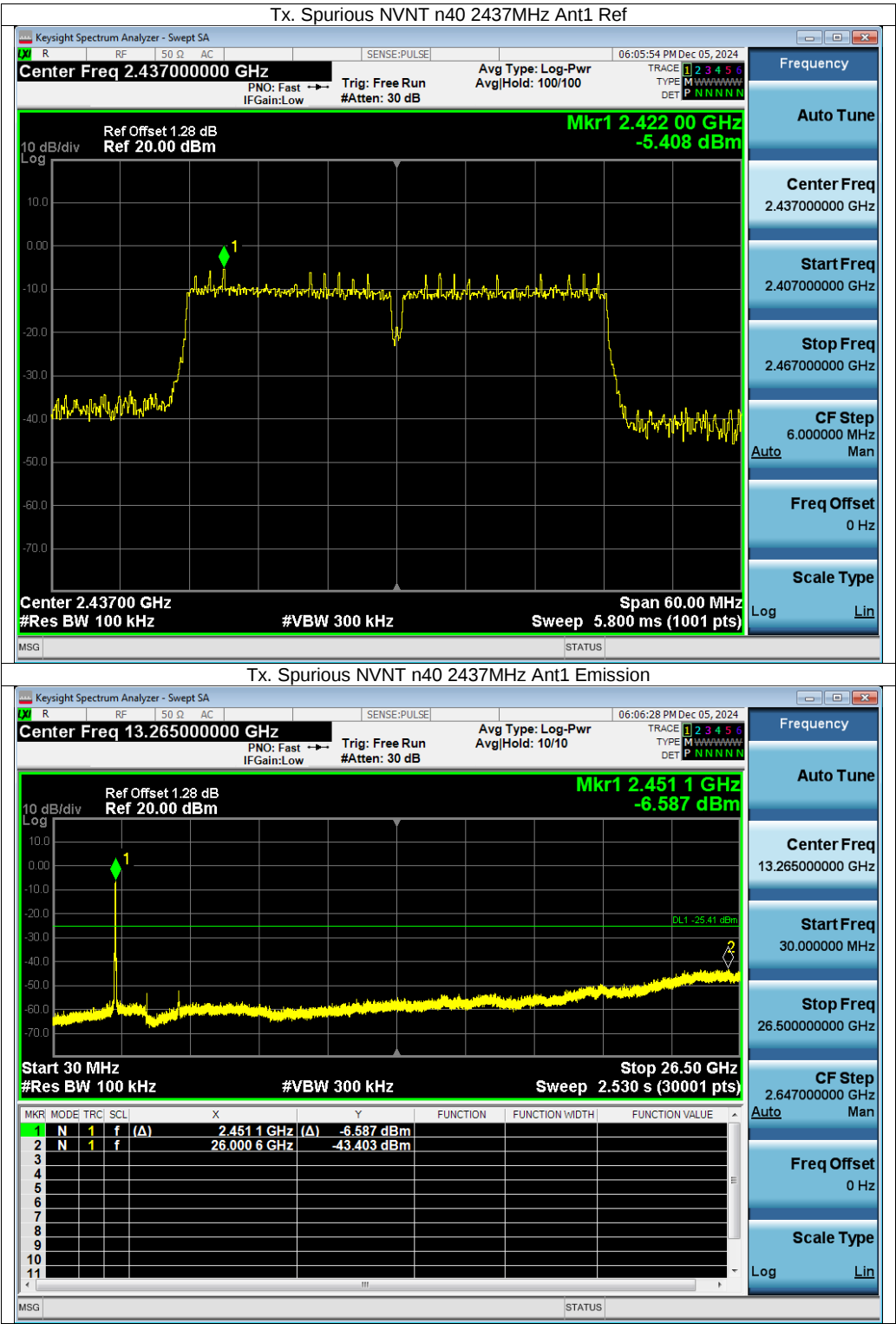


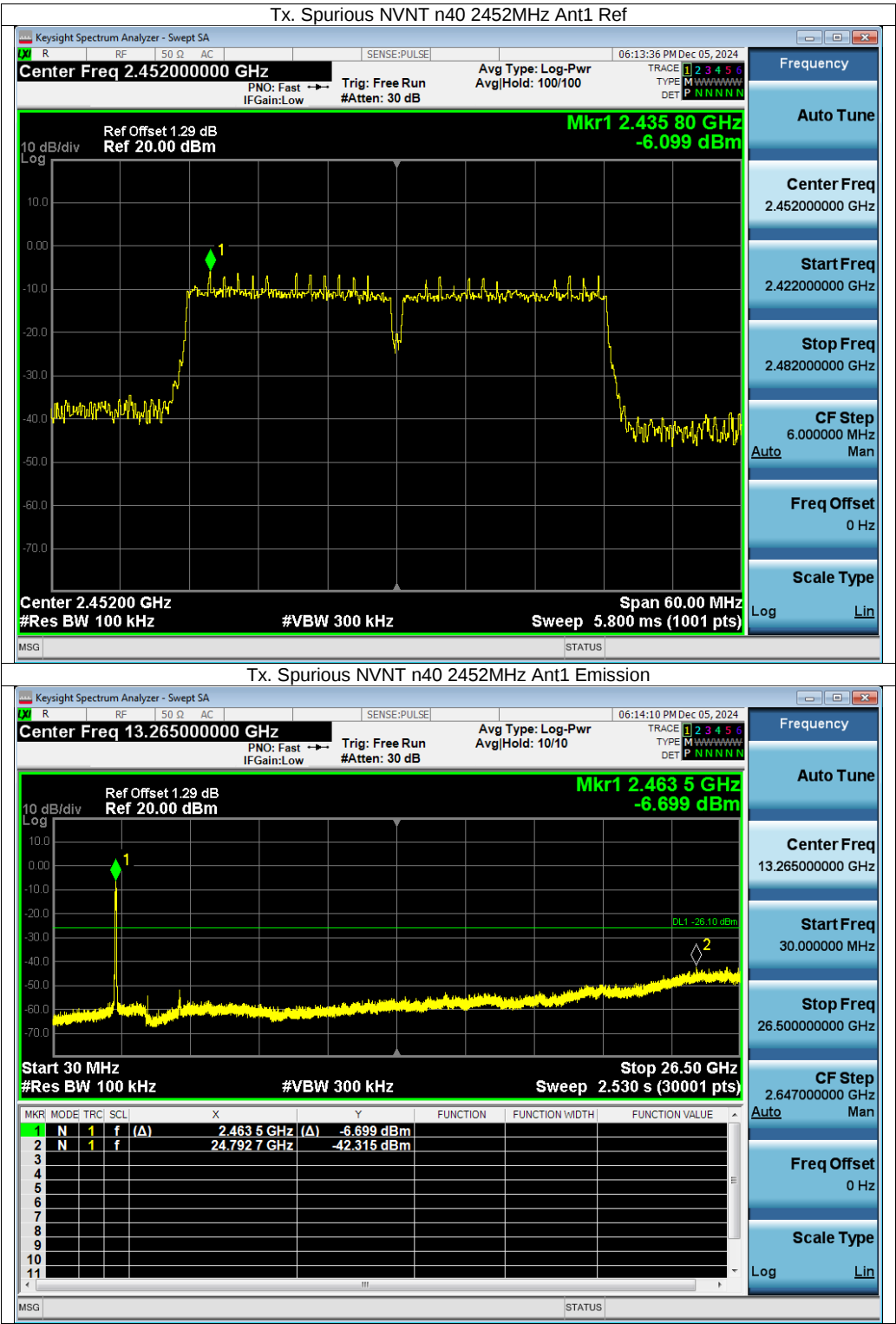


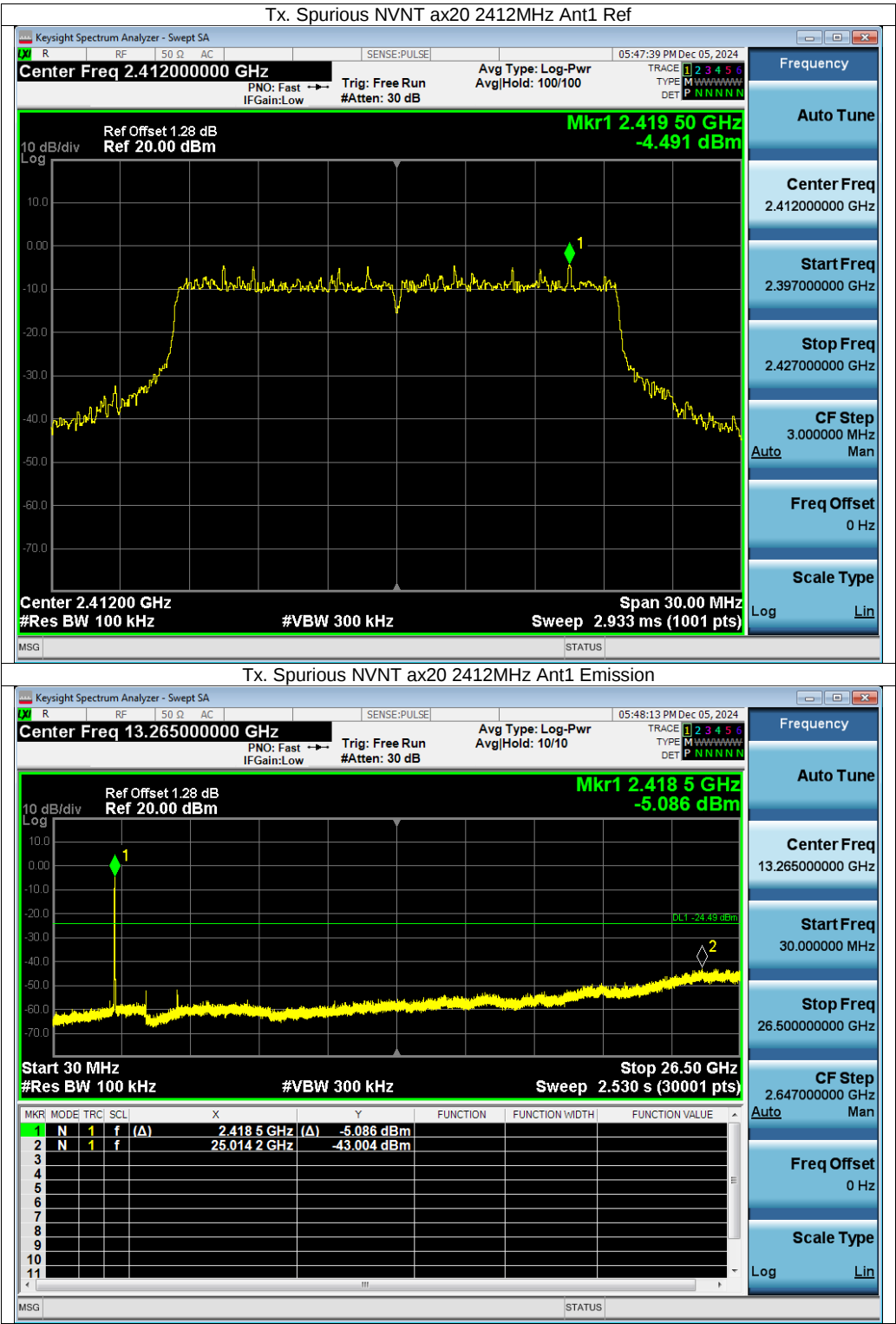


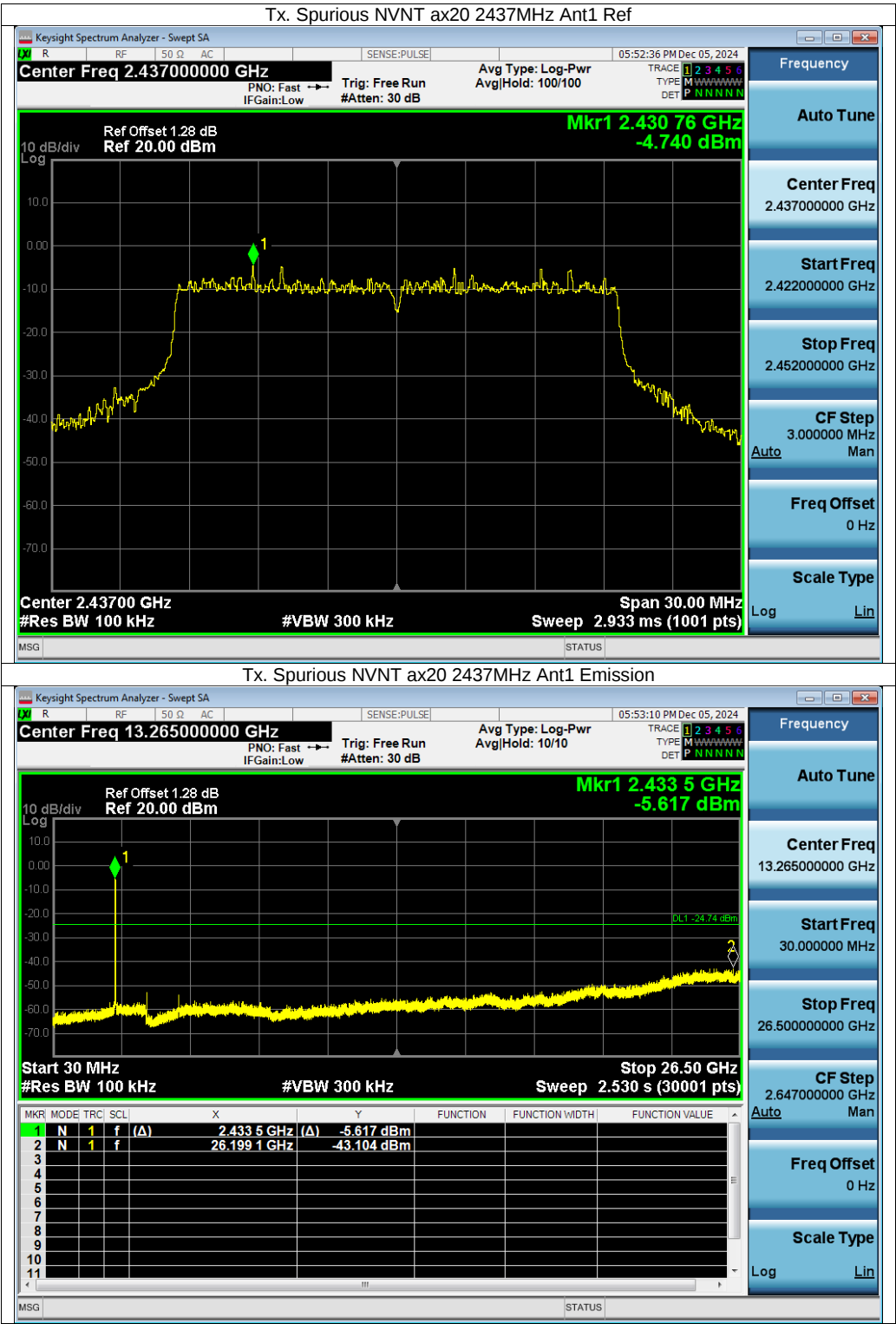


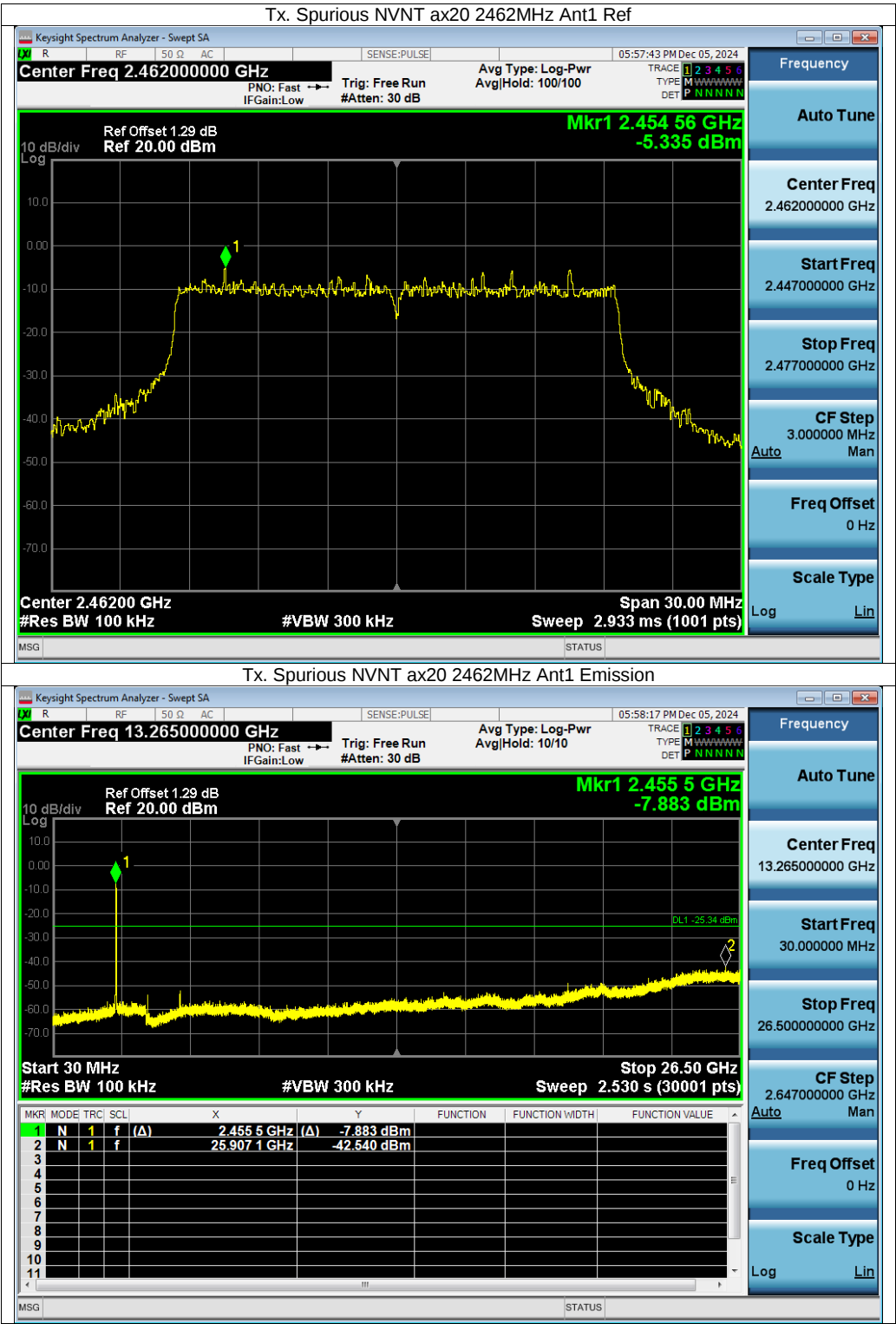


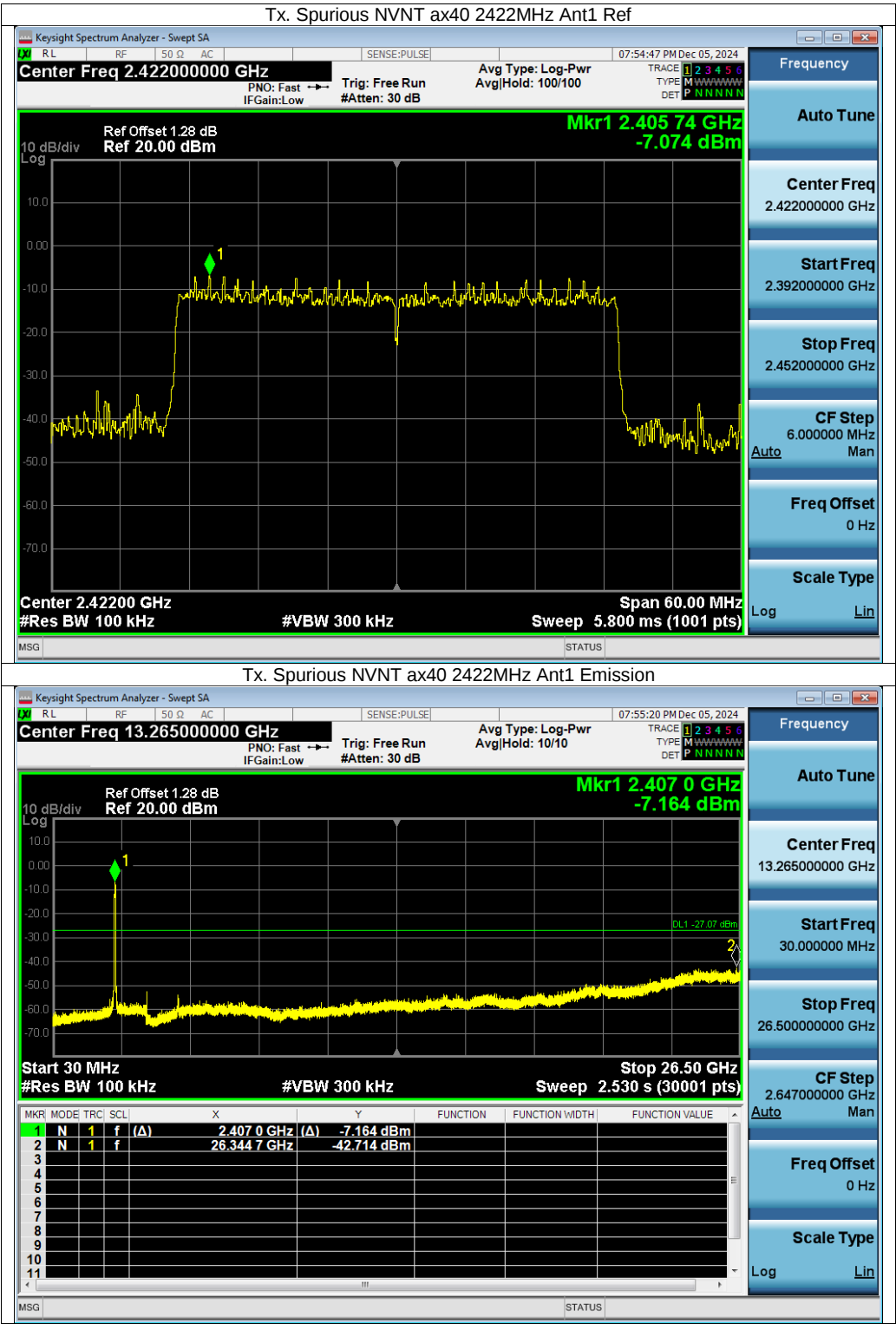


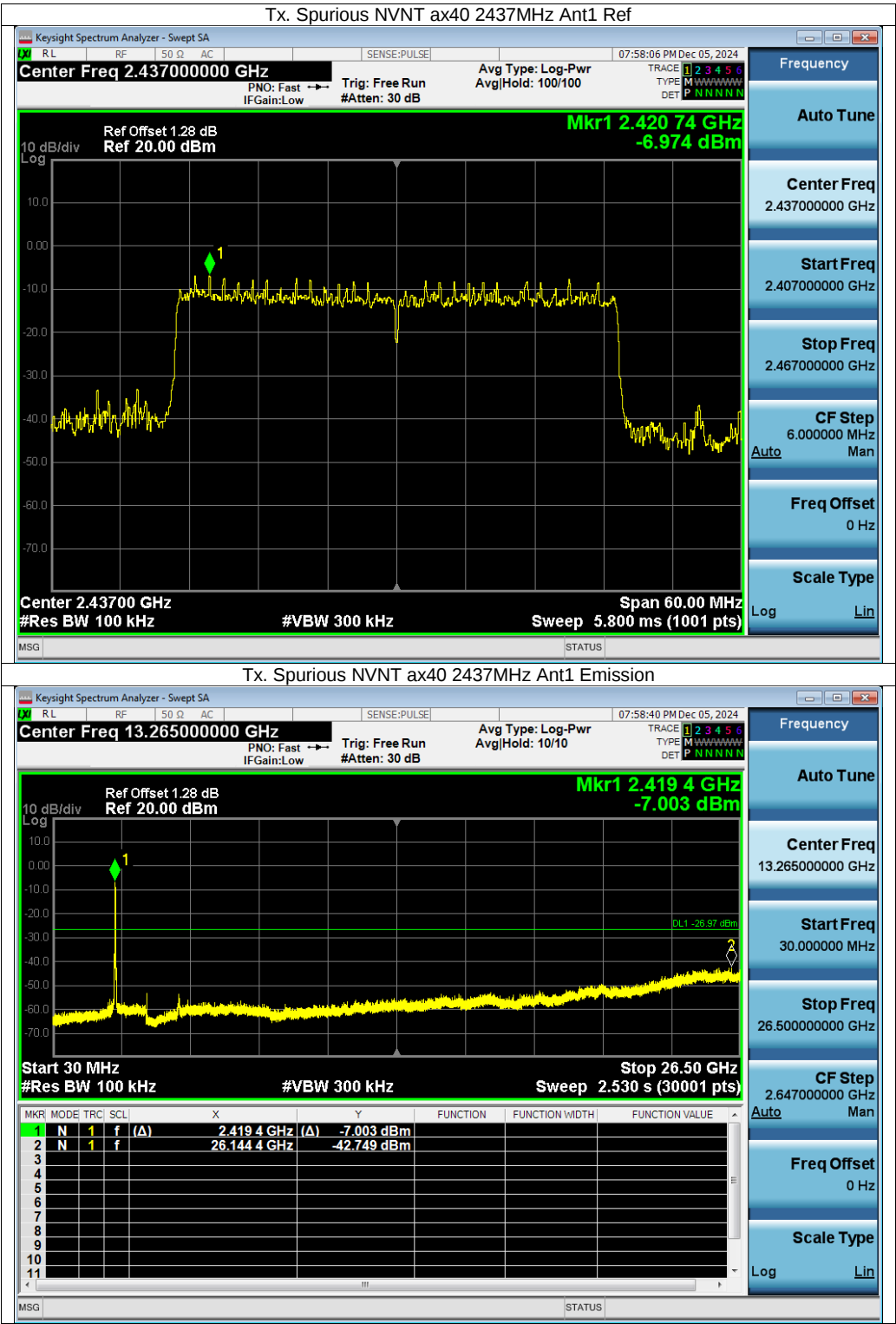


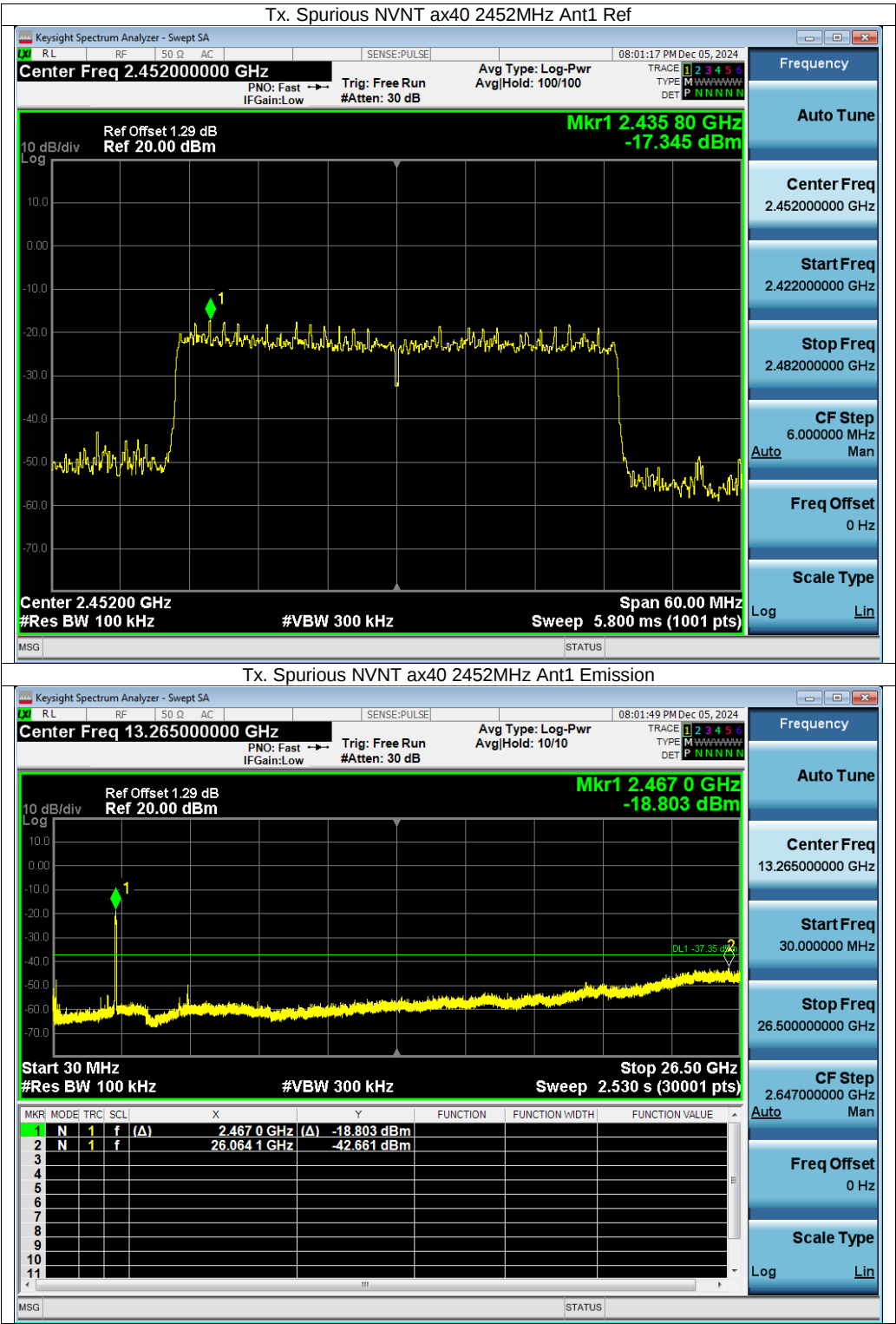












END OF REPORT