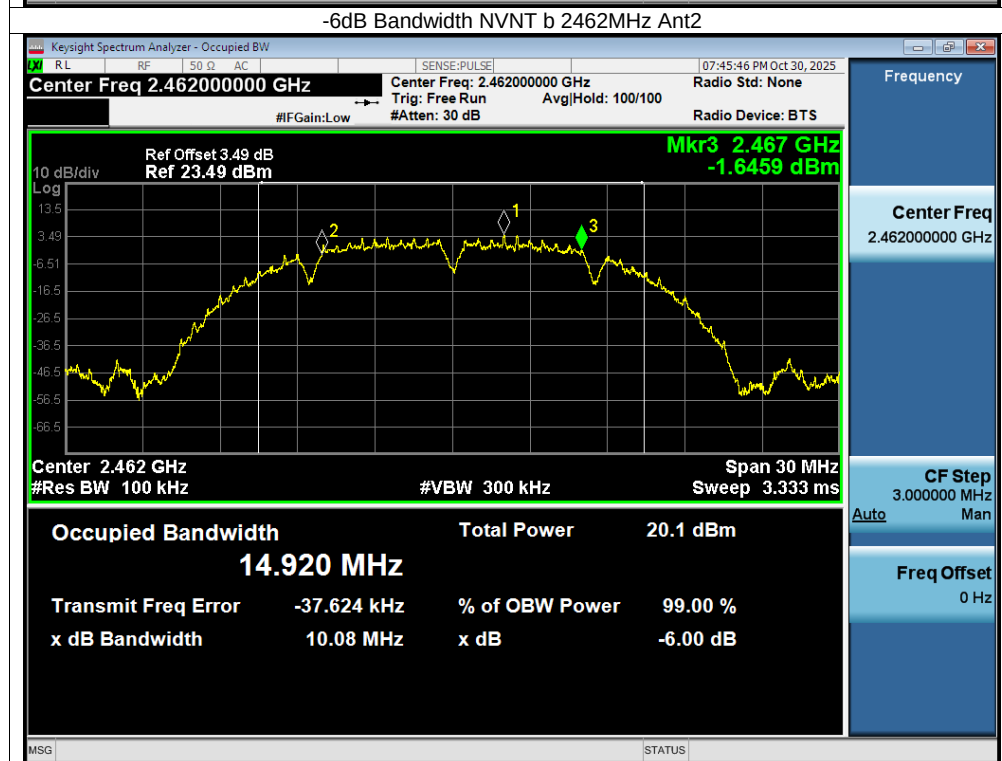
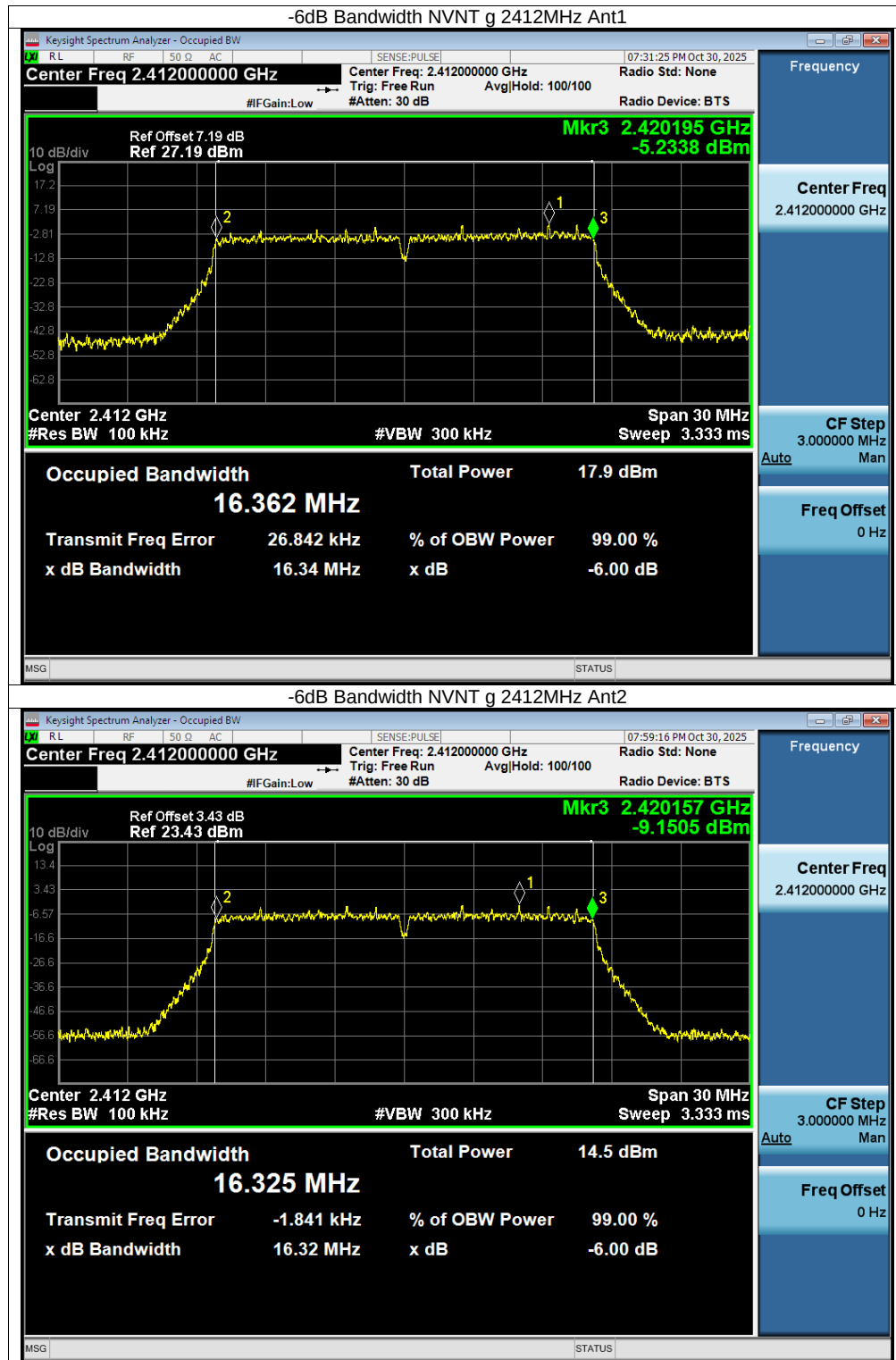
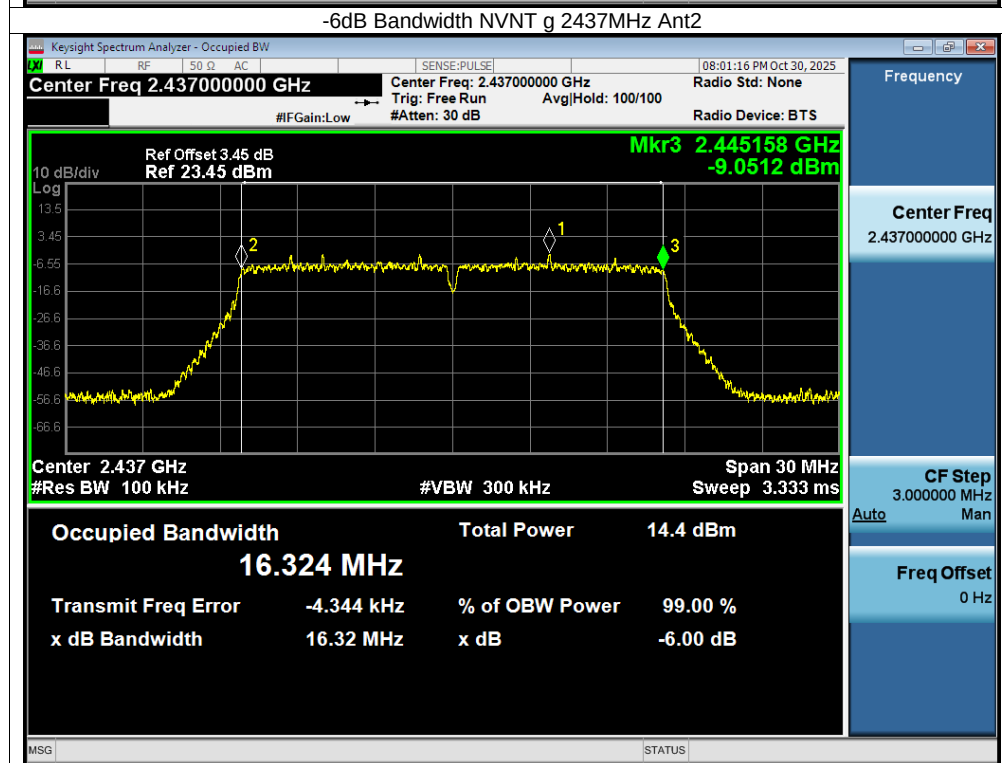
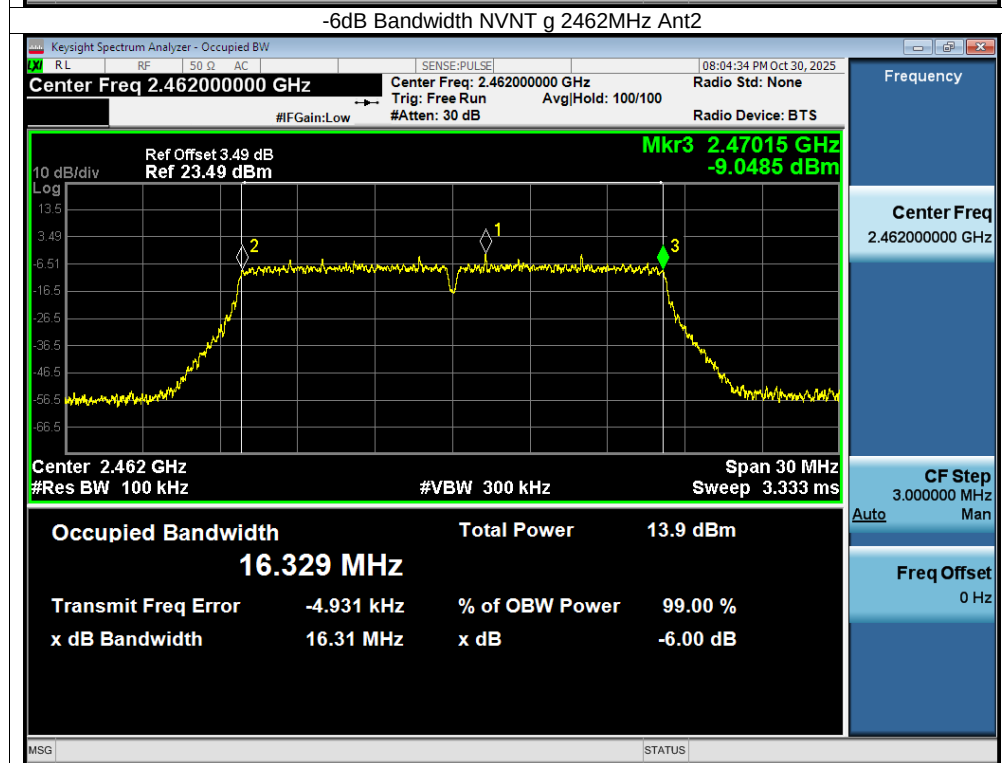
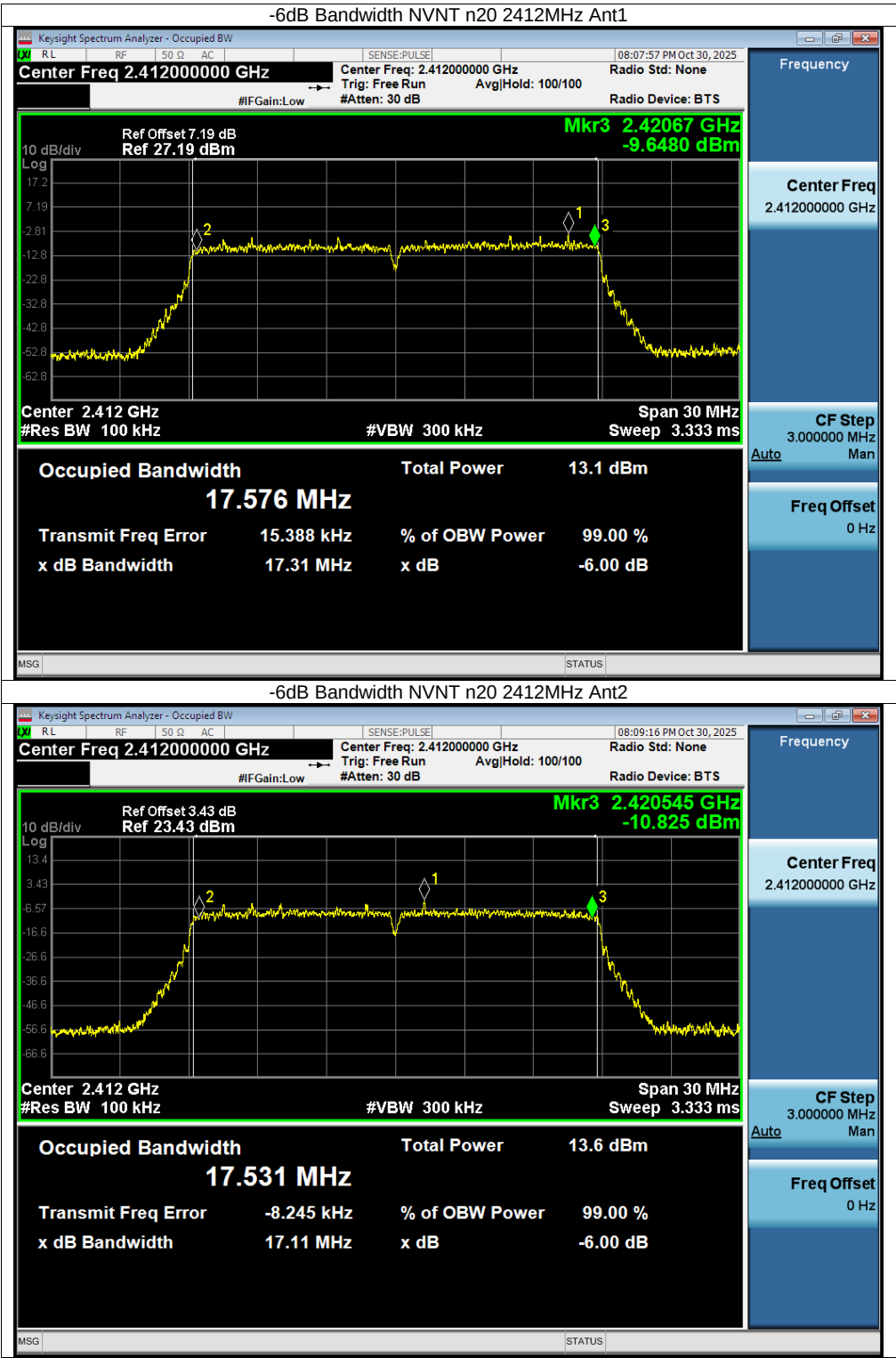


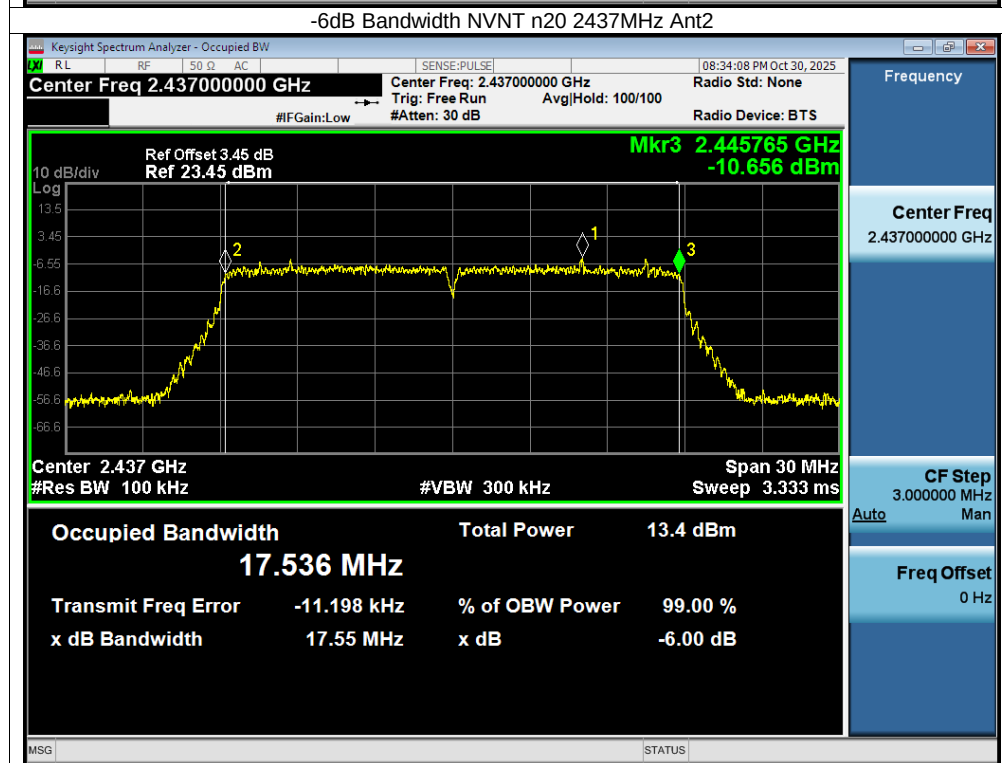


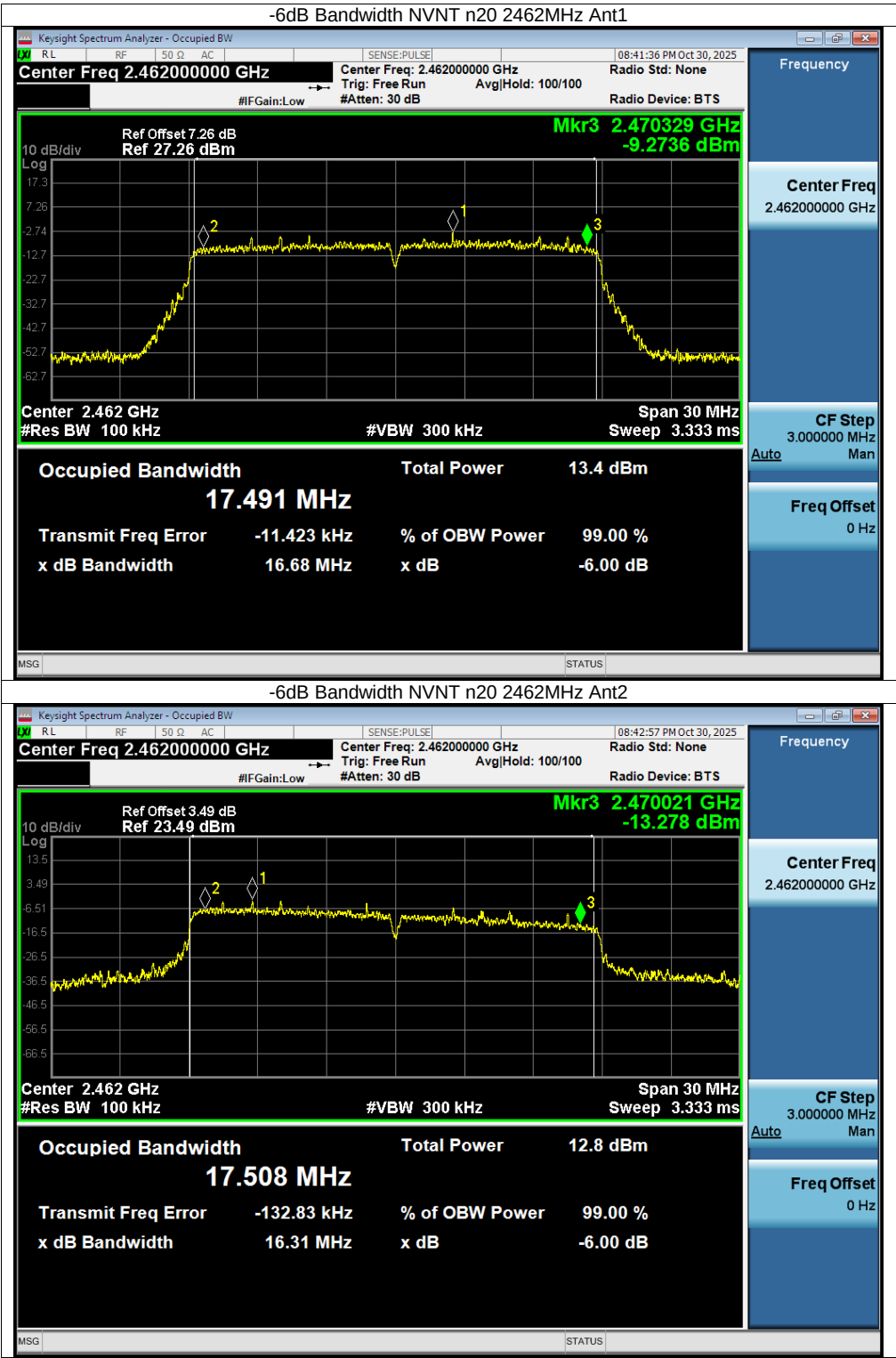


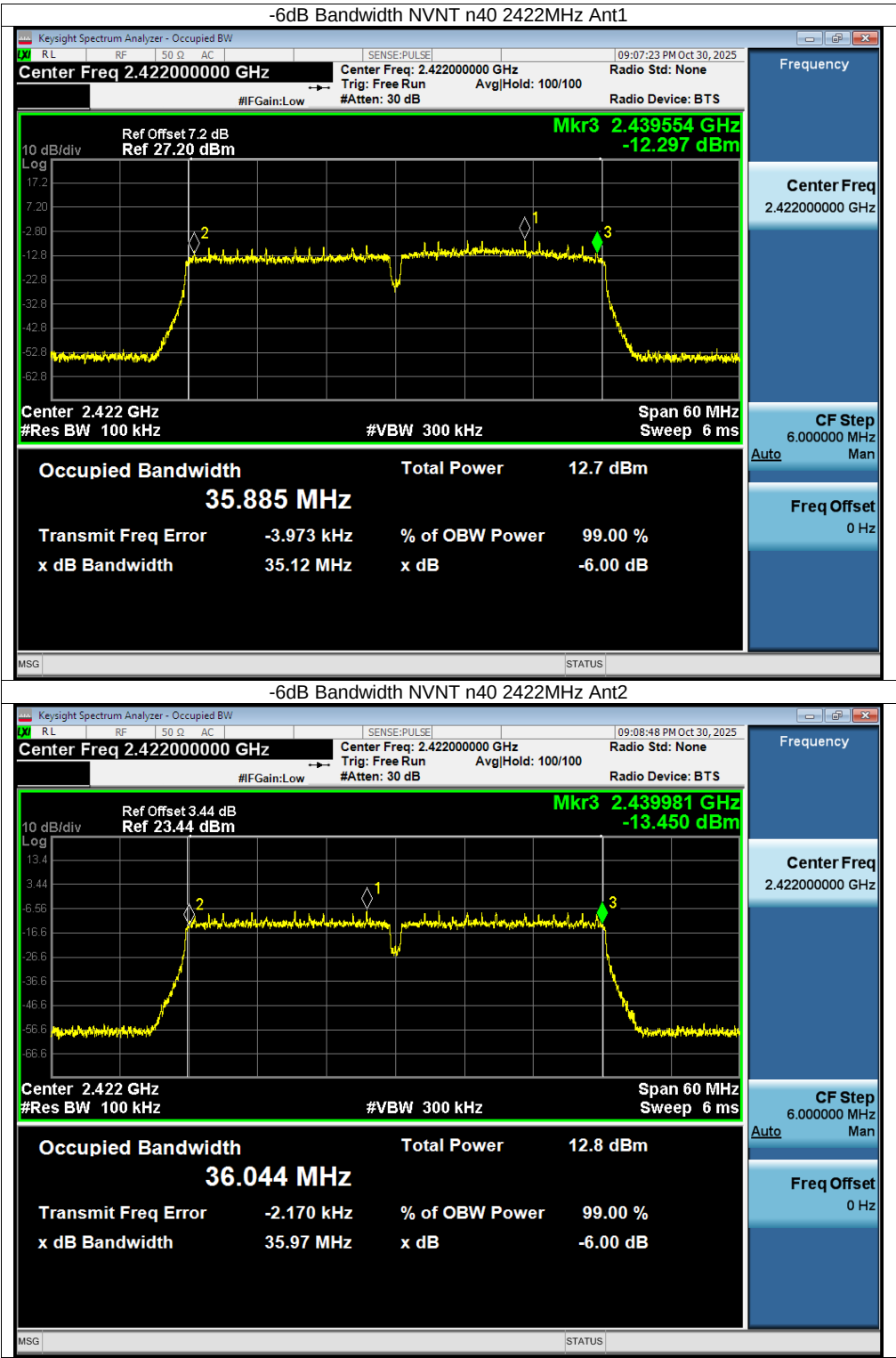


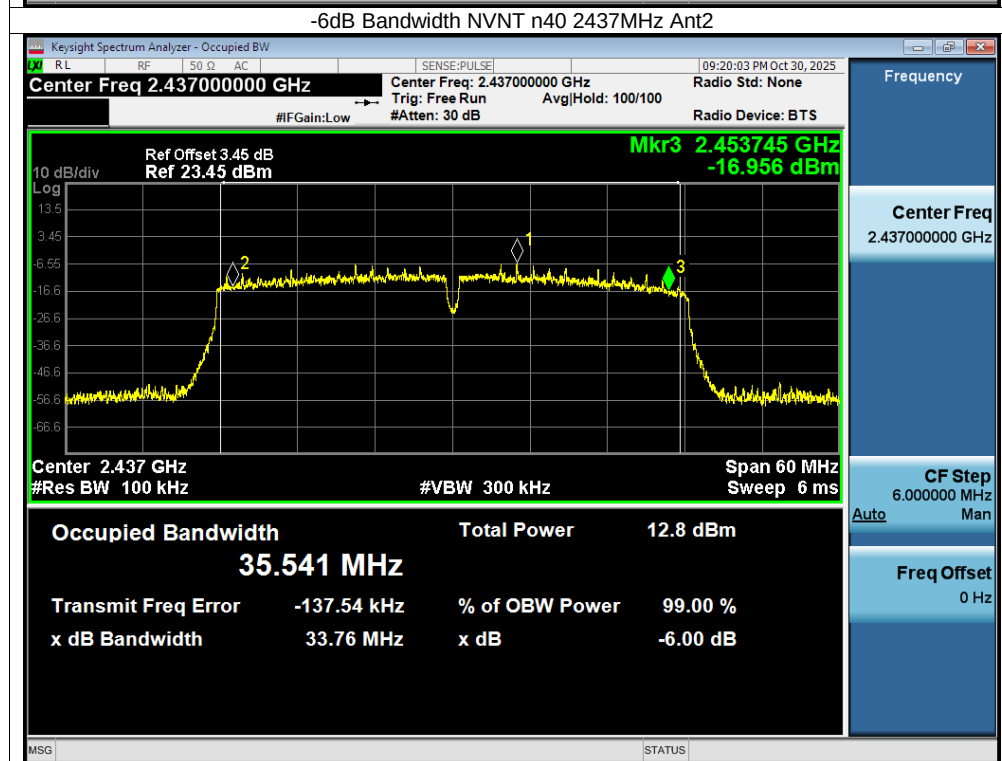


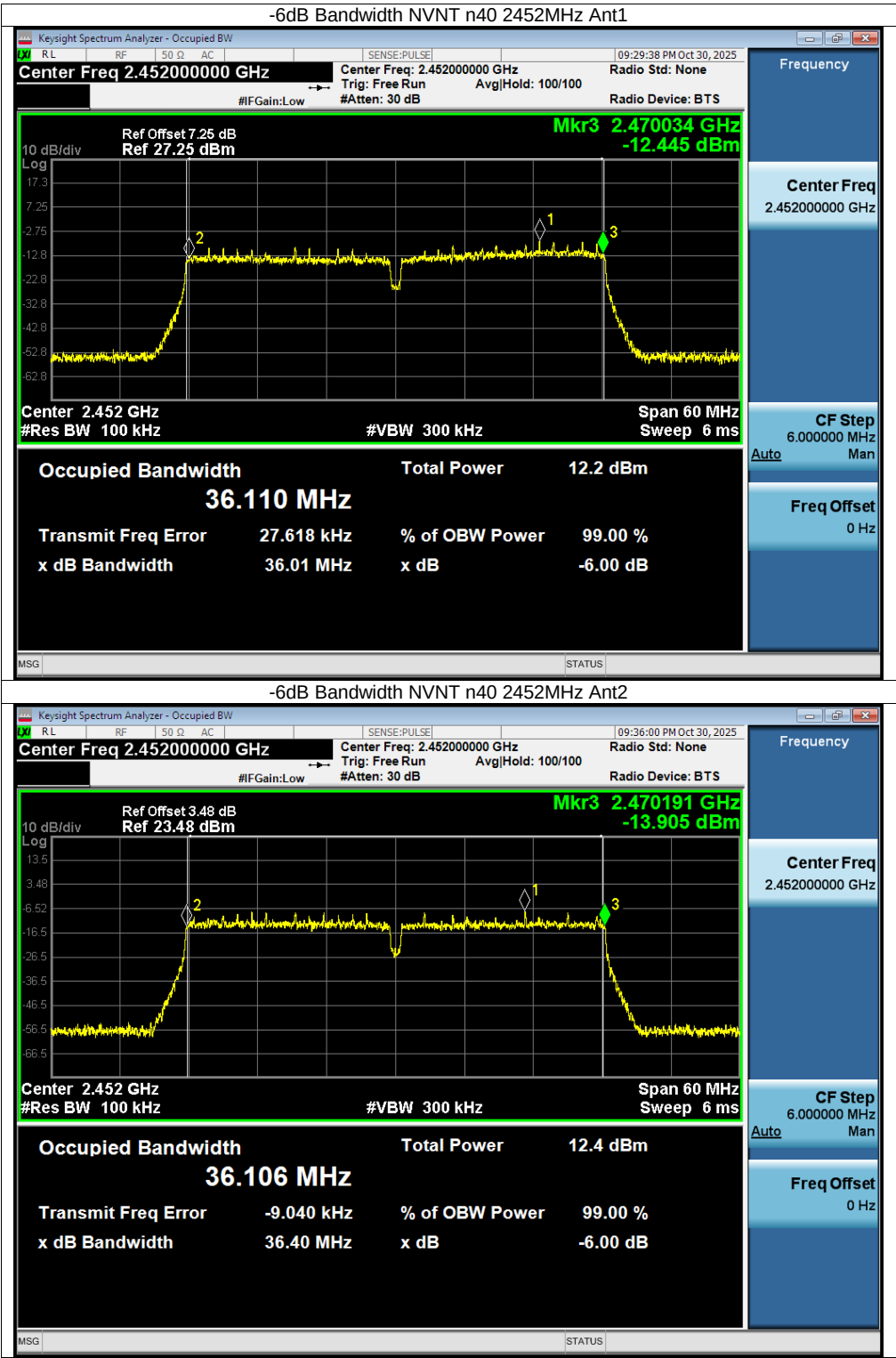


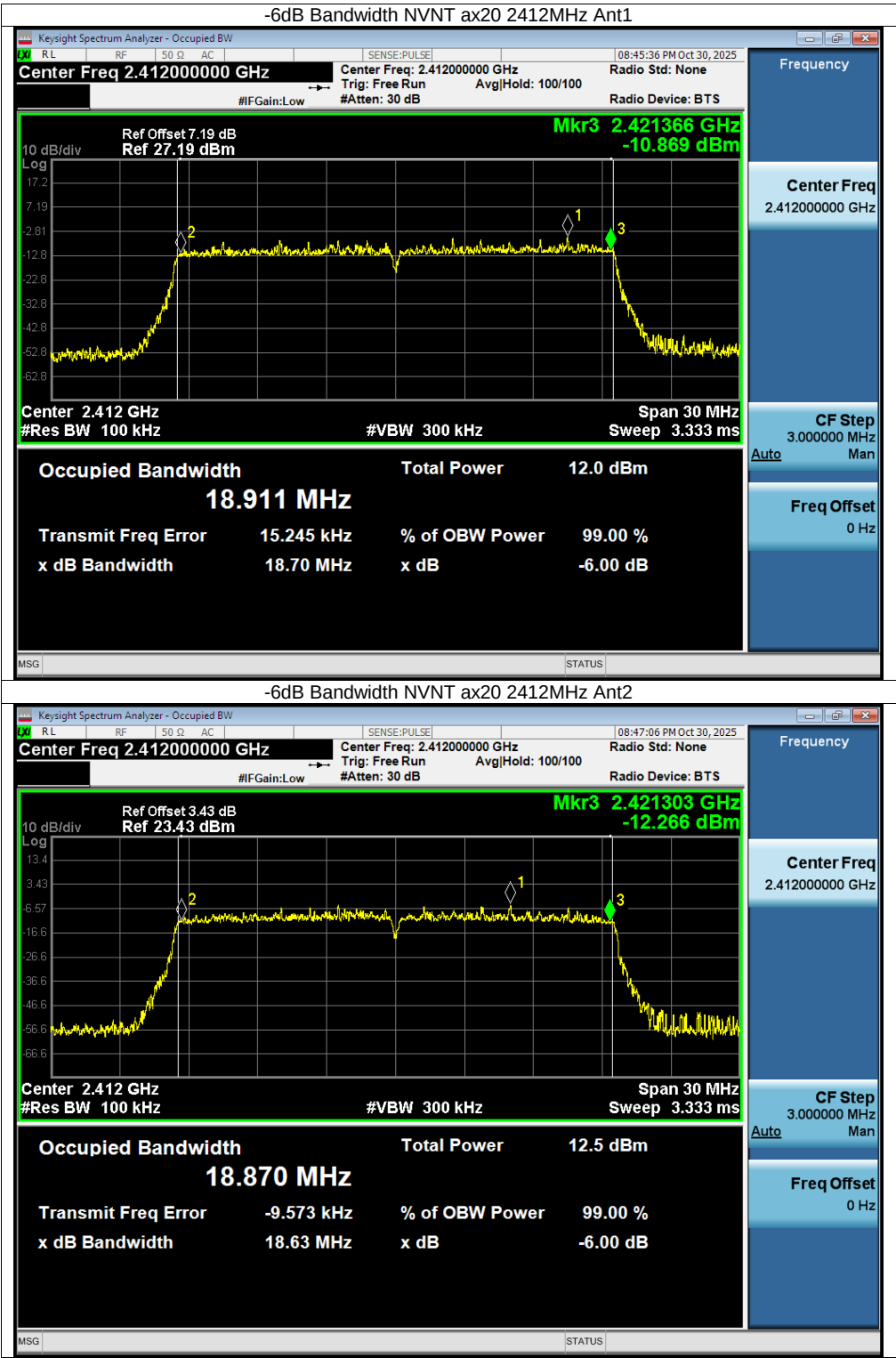


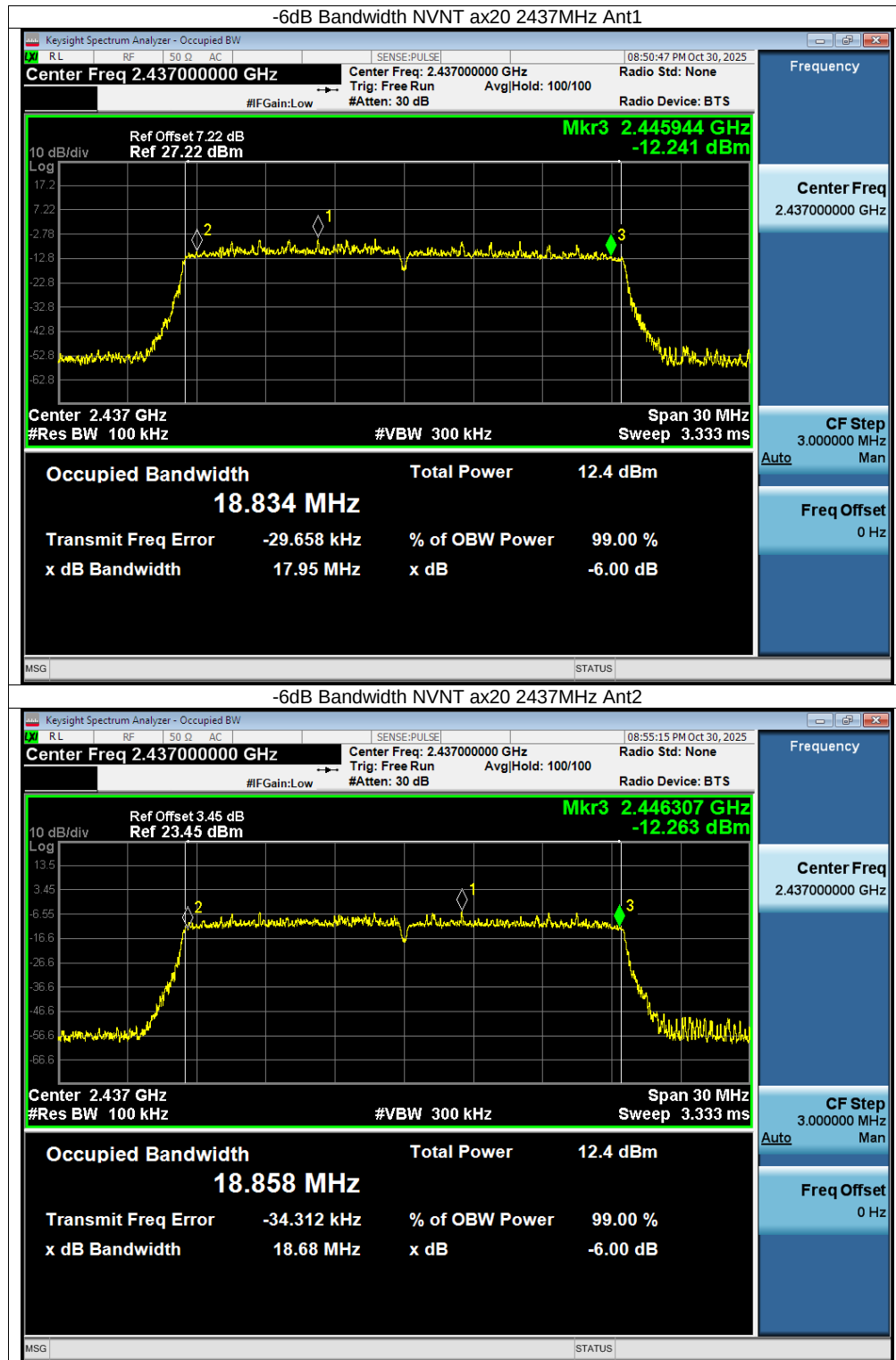


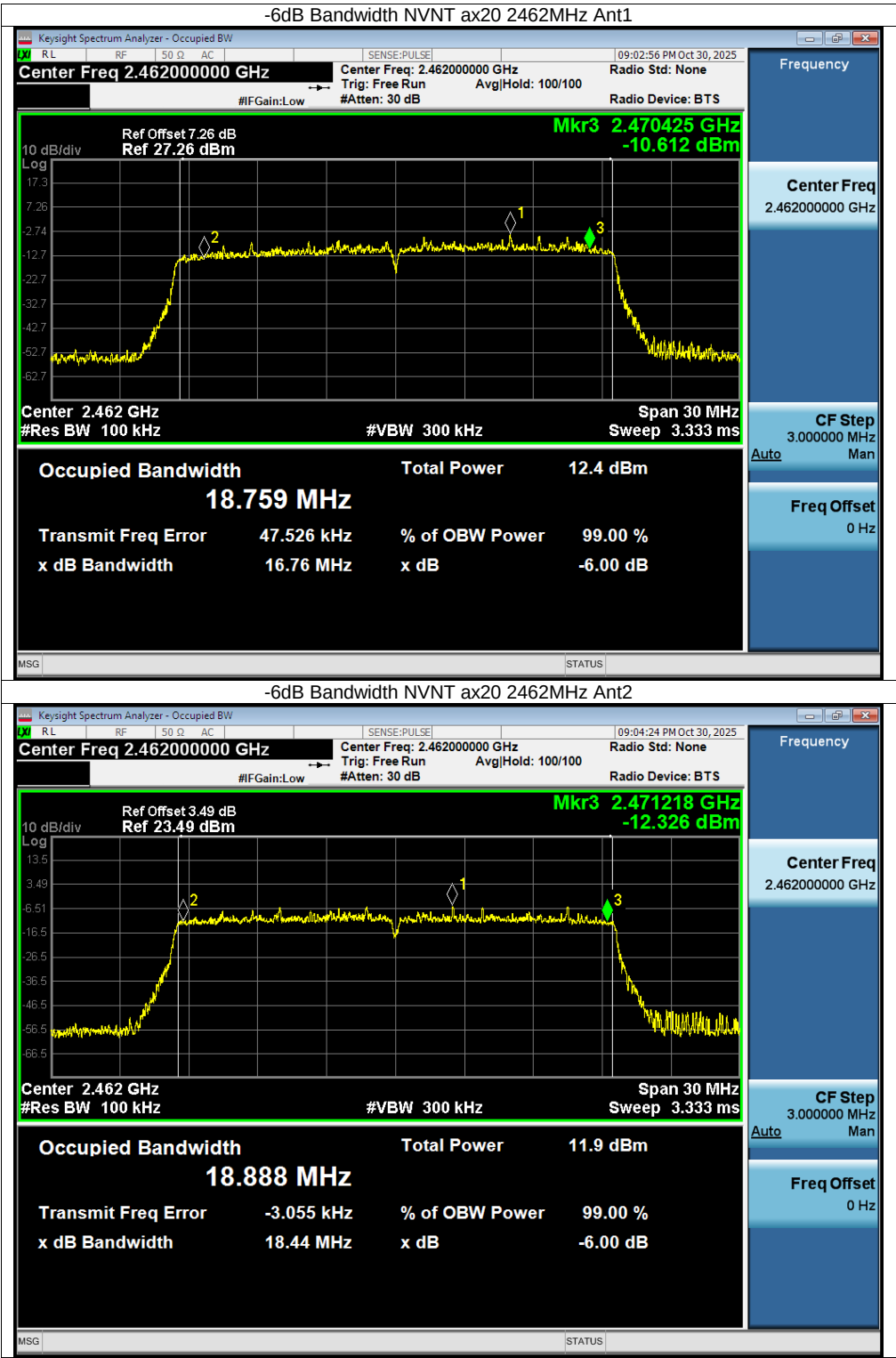


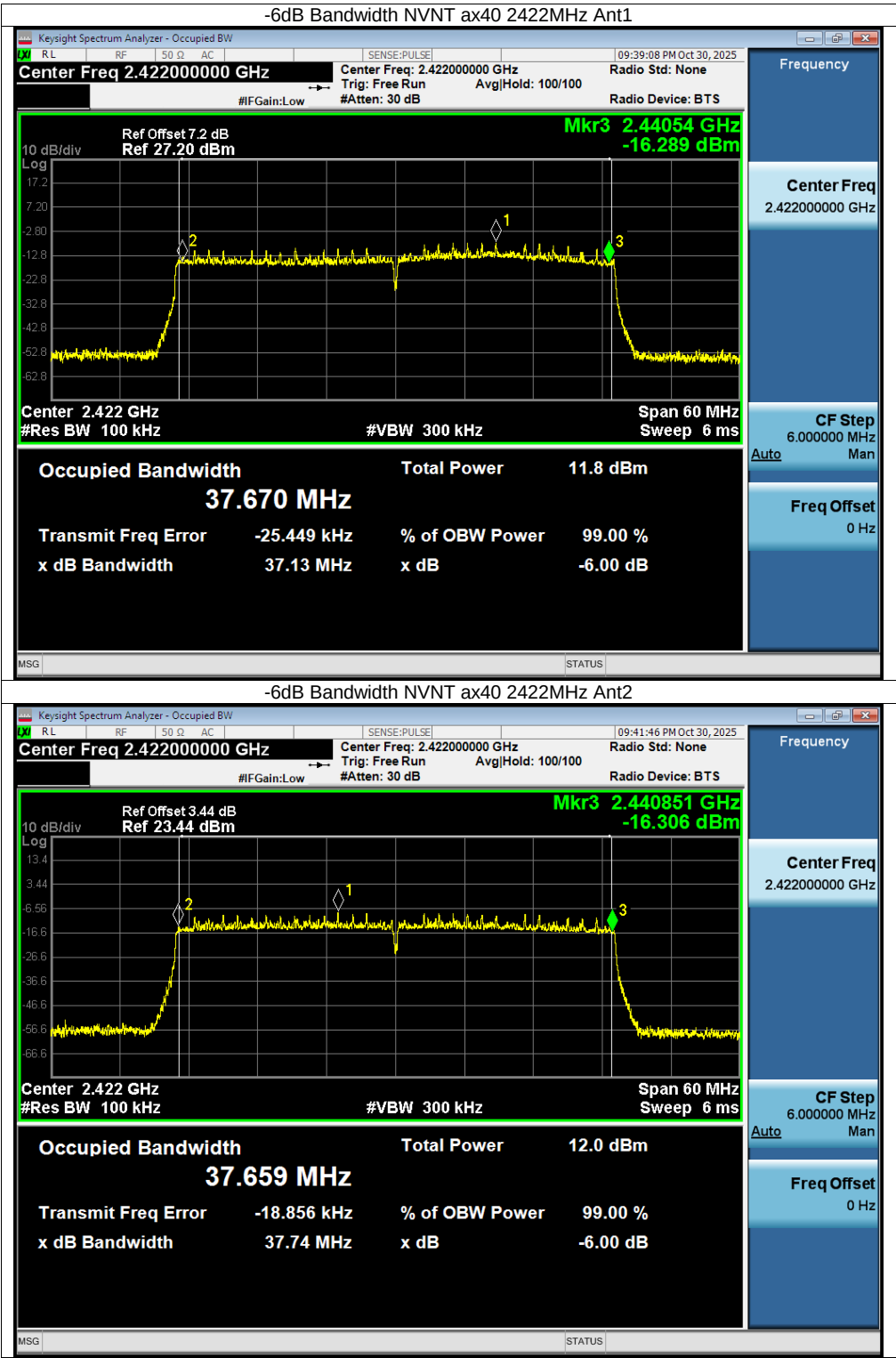


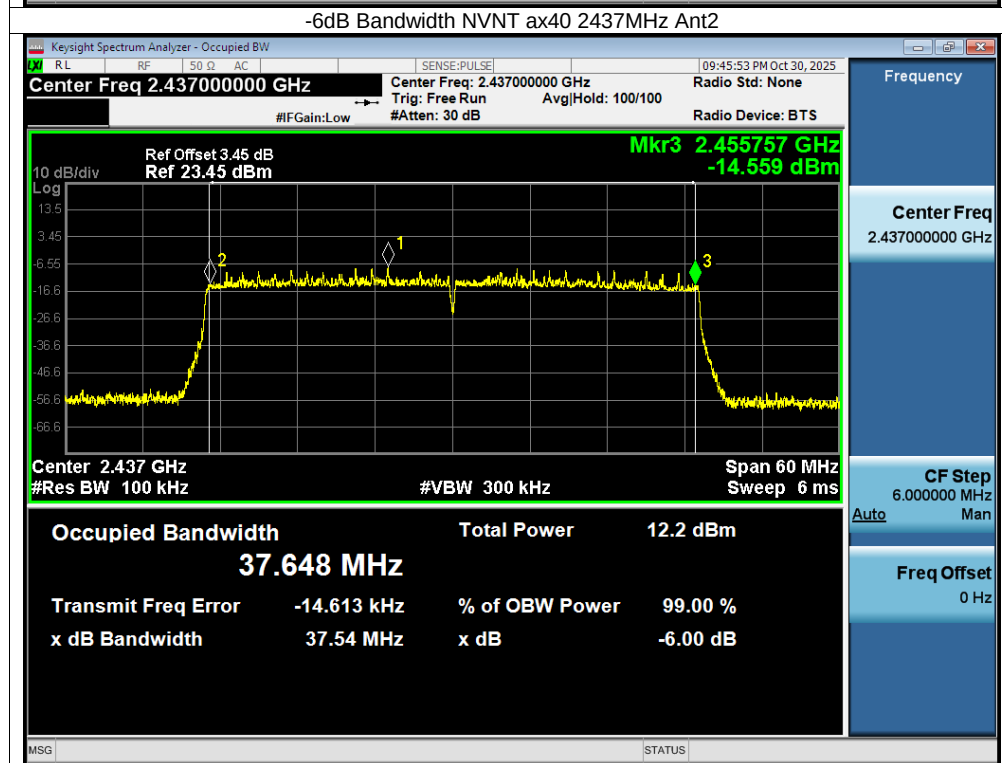


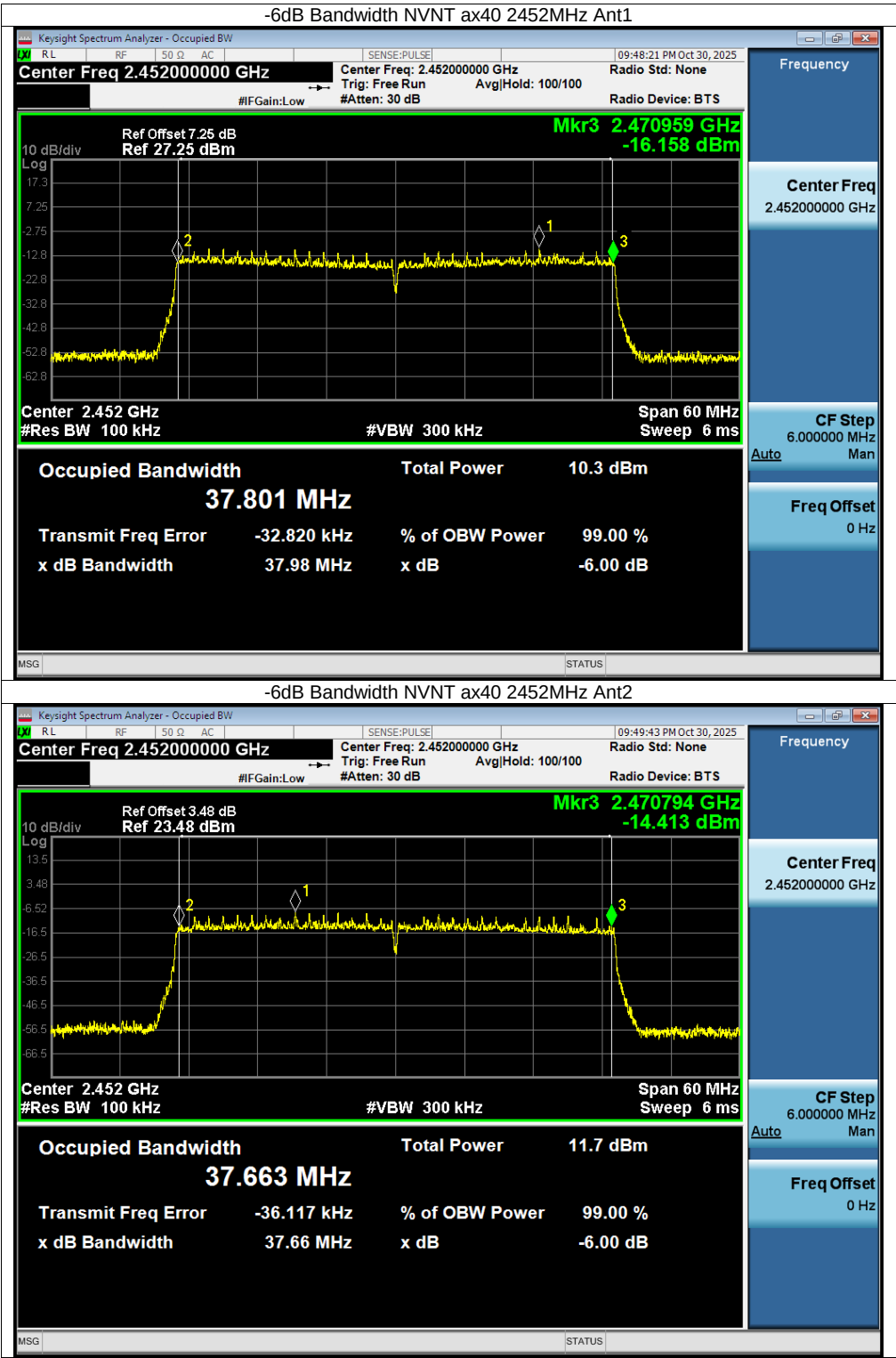






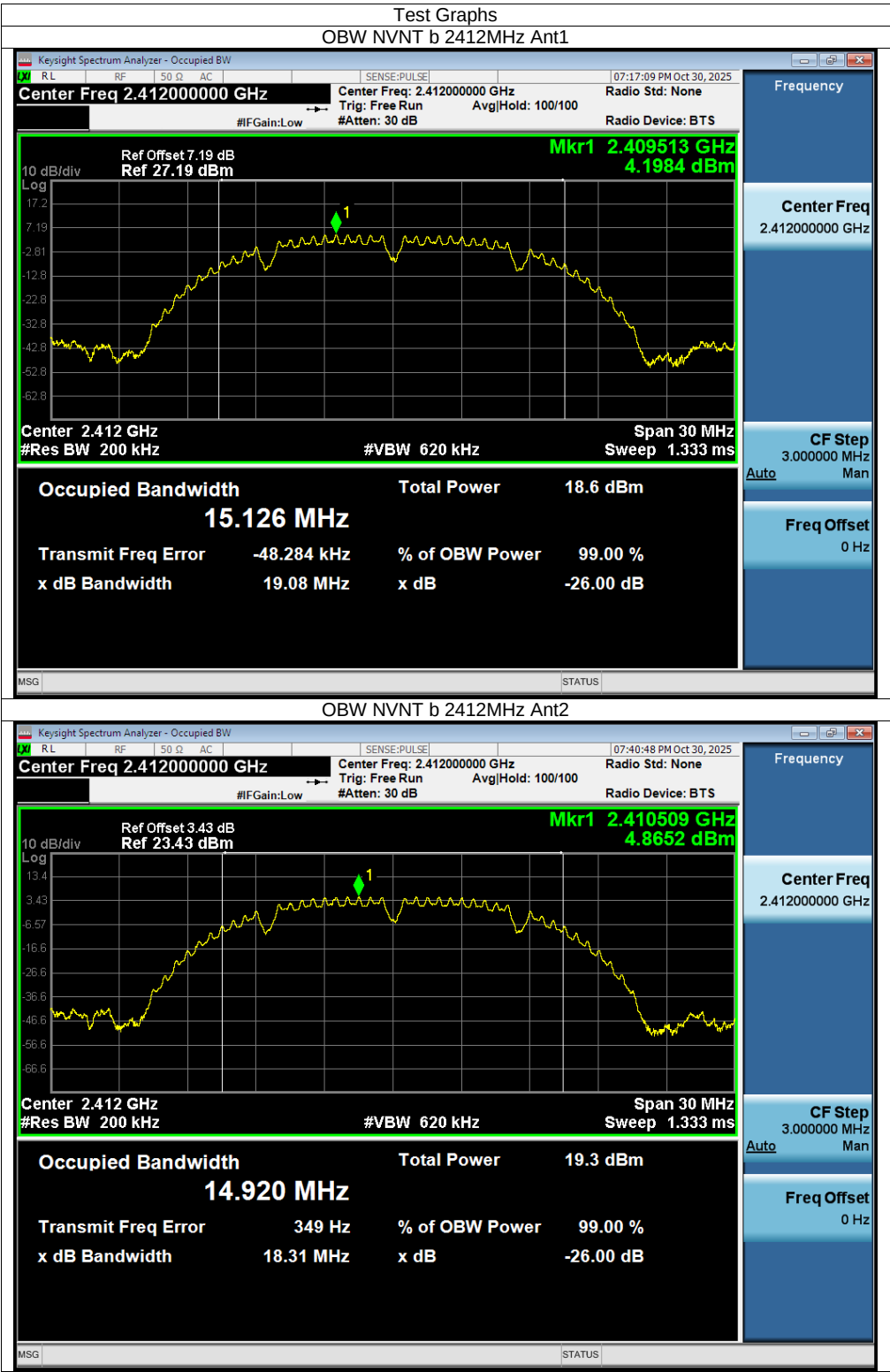


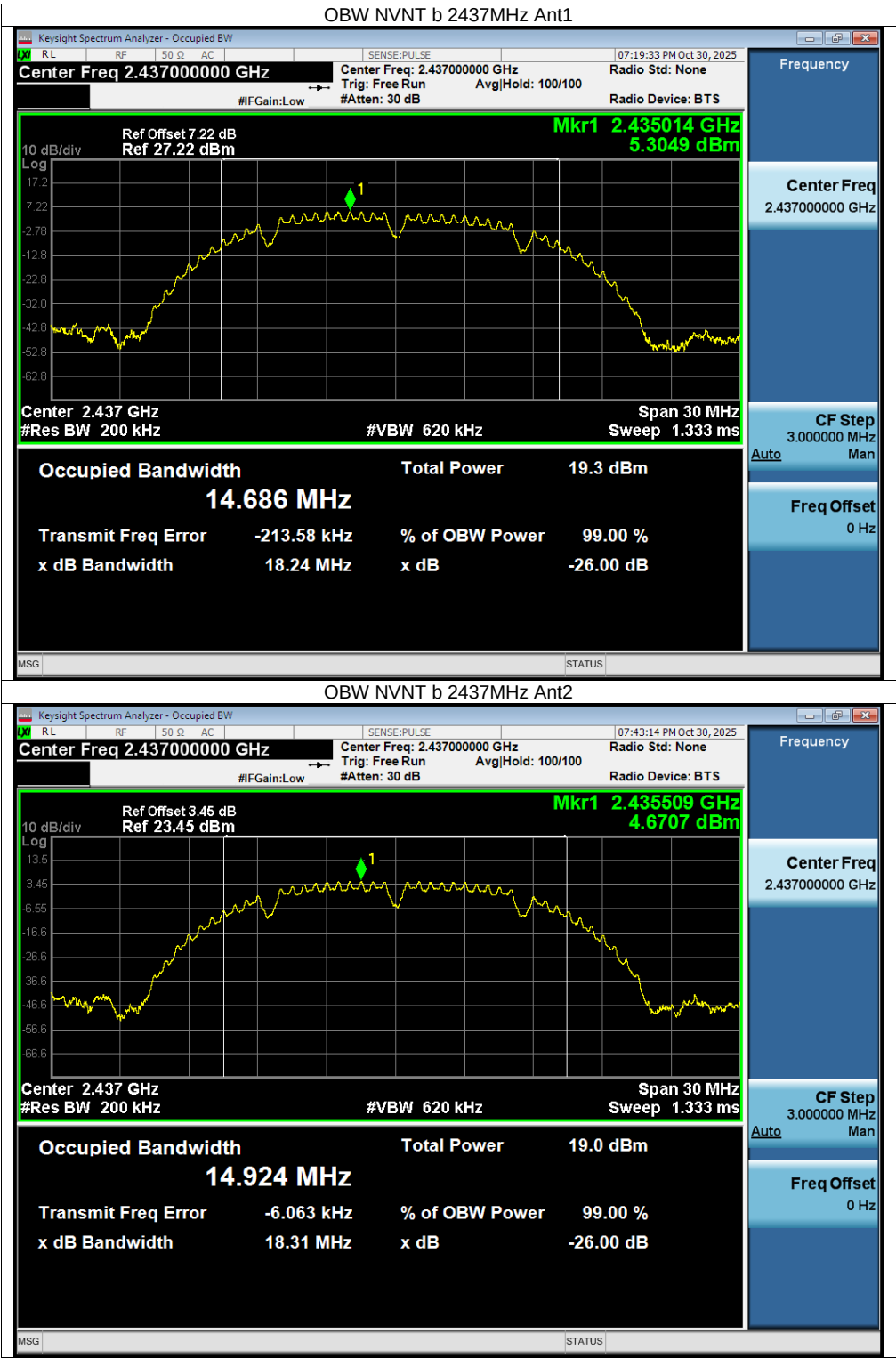




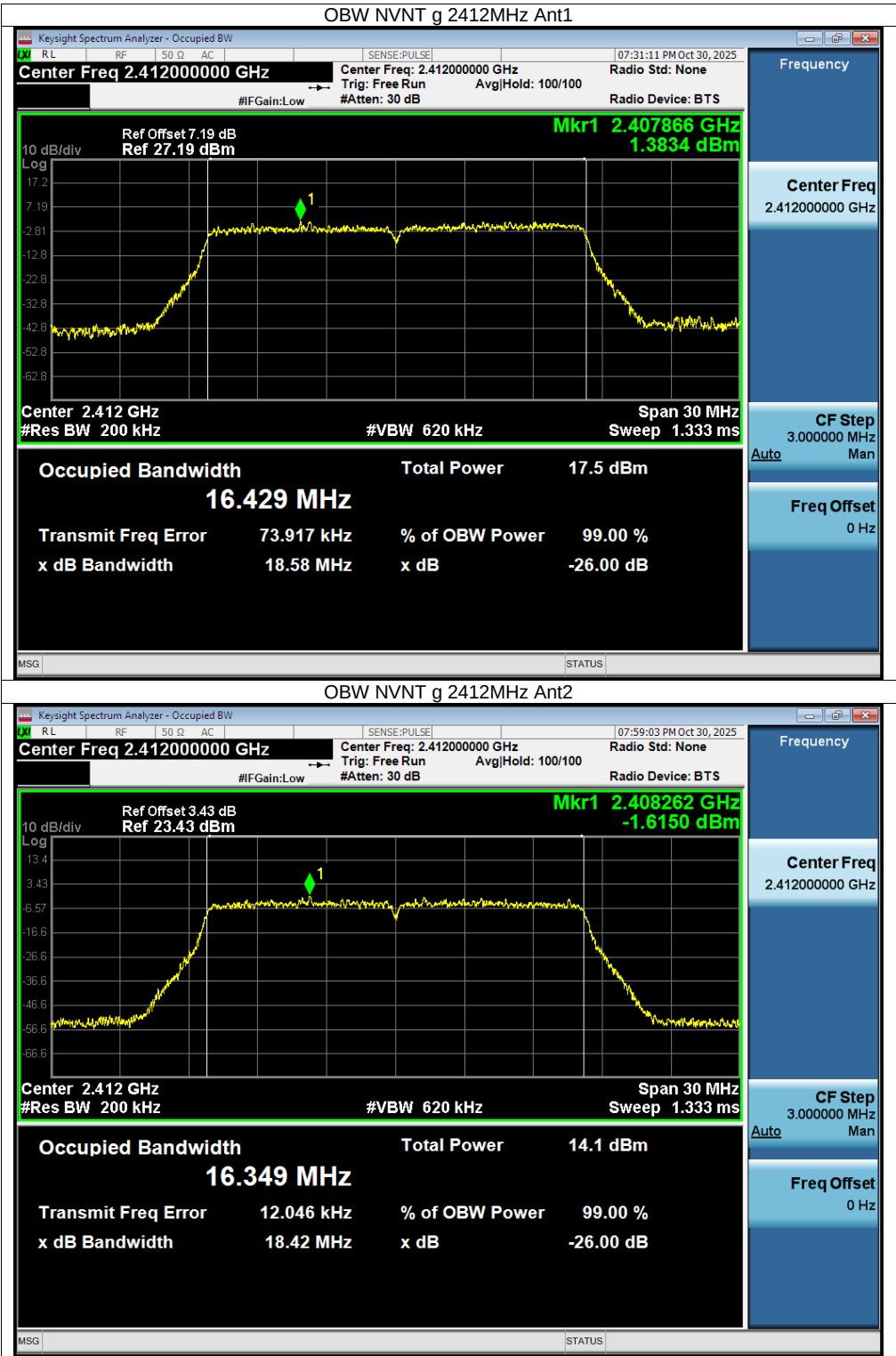
Occupied Channel Bandwidth

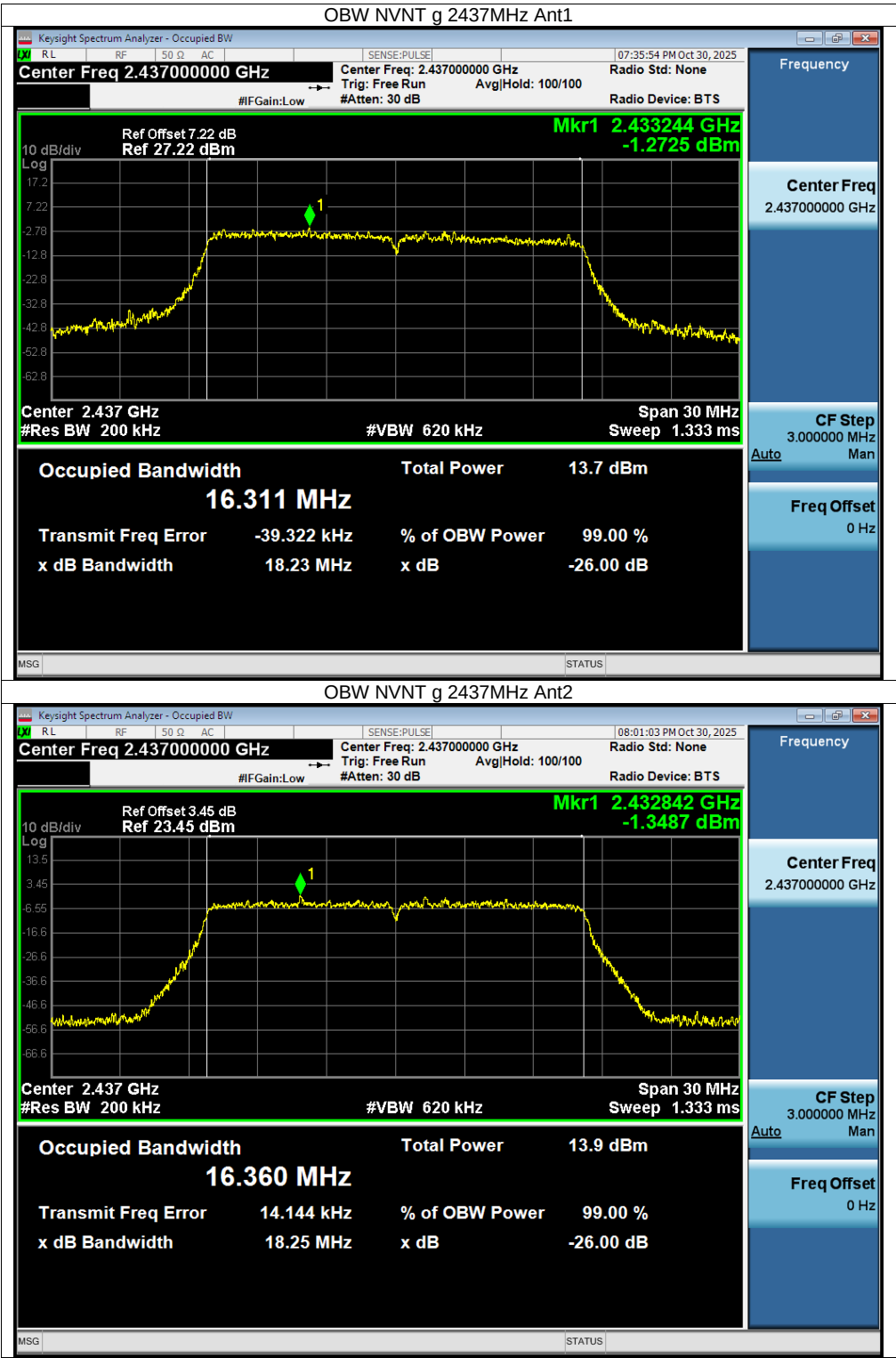
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	15.126
NVNT	b	2412	Ant2	14.92
NVNT	b	2437	Ant1	14.686
NVNT	b	2437	Ant2	14.924
NVNT	b	2462	Ant1	14.768
NVNT	b	2462	Ant2	14.963
NVNT	g	2412	Ant1	16.429
NVNT	g	2412	Ant2	16.349
NVNT	g	2437	Ant1	16.311
NVNT	g	2437	Ant2	16.36
NVNT	g	2462	Ant1	16.32
NVNT	g	2462	Ant2	16.353
NVNT	n20	2412	Ant1	17.593
NVNT	n20	2412	Ant2	17.541
NVNT	n20	2437	Ant1	17.505
NVNT	n20	2437	Ant2	17.543
NVNT	n20	2462	Ant1	17.479
NVNT	n20	2462	Ant2	17.567
NVNT	n40	2422	Ant1	35.934
NVNT	n40	2422	Ant2	36.076
NVNT	n40	2437	Ant1	36.133
NVNT	n40	2437	Ant2	35.548
NVNT	n40	2452	Ant1	36.161
NVNT	n40	2452	Ant2	36.173
NVNT	ax20	2412	Ant1	18.96
NVNT	ax20	2412	Ant2	18.886
NVNT	ax20	2437	Ant1	18.866
NVNT	ax20	2437	Ant2	18.907
NVNT	ax20	2462	Ant1	18.825
NVNT	ax20	2462	Ant2	18.905
NVNT	ax40	2422	Ant1	37.648
NVNT	ax40	2422	Ant2	37.655
NVNT	ax40	2437	Ant1	37.472
NVNT	ax40	2437	Ant2	37.634
NVNT	ax40	2452	Ant1	37.842
NVNT	ax40	2452	Ant2	37.627

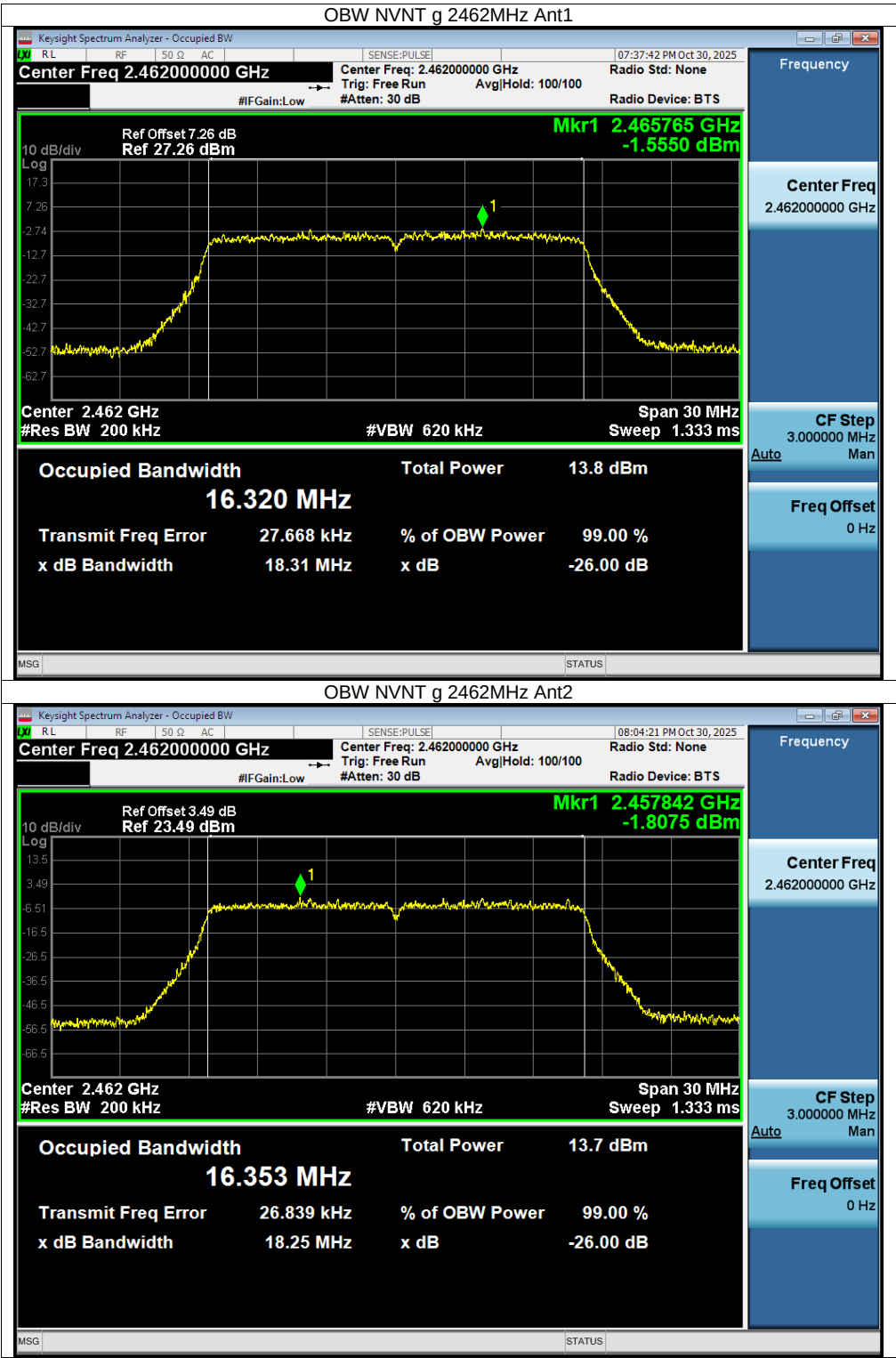


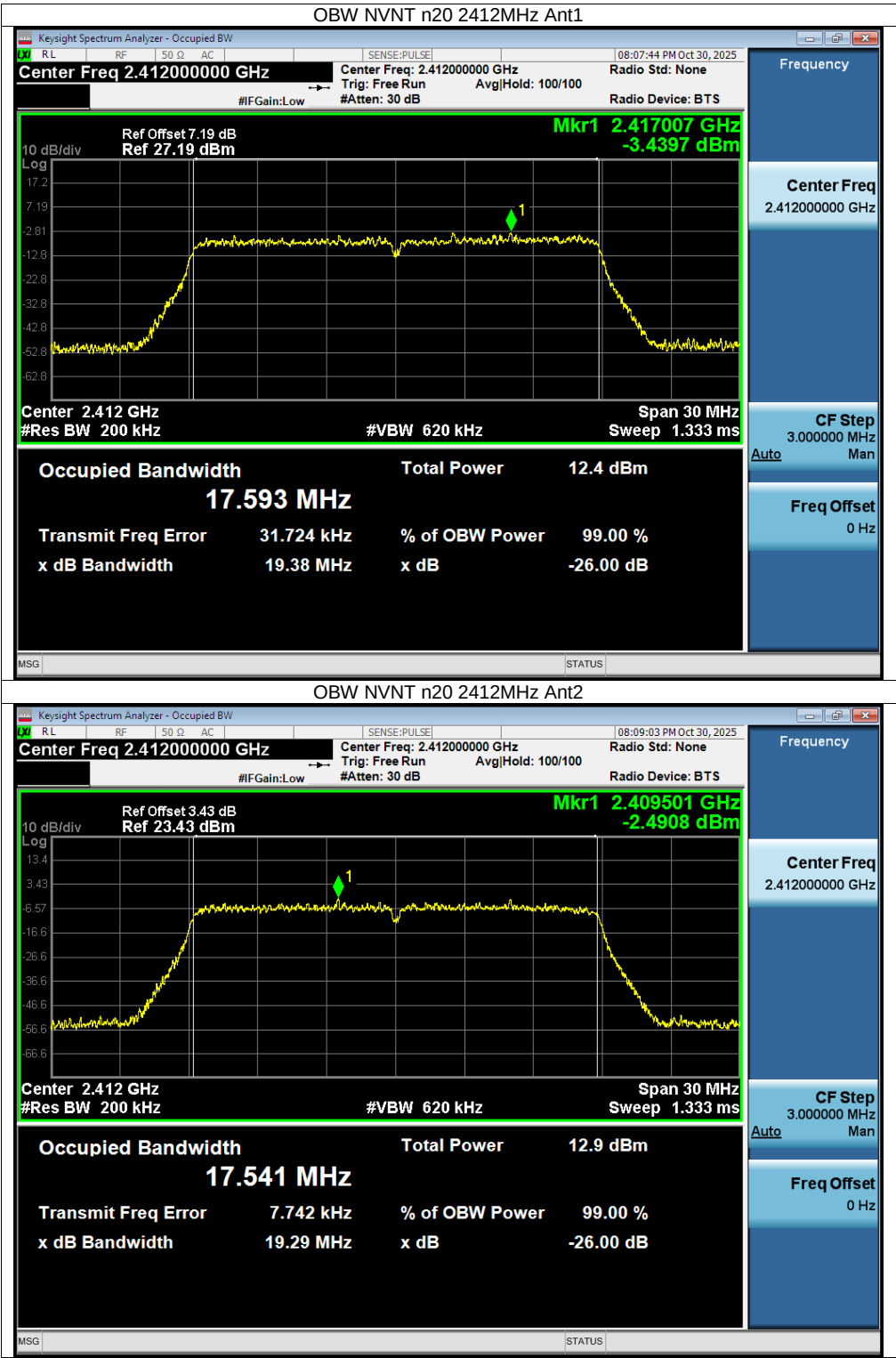


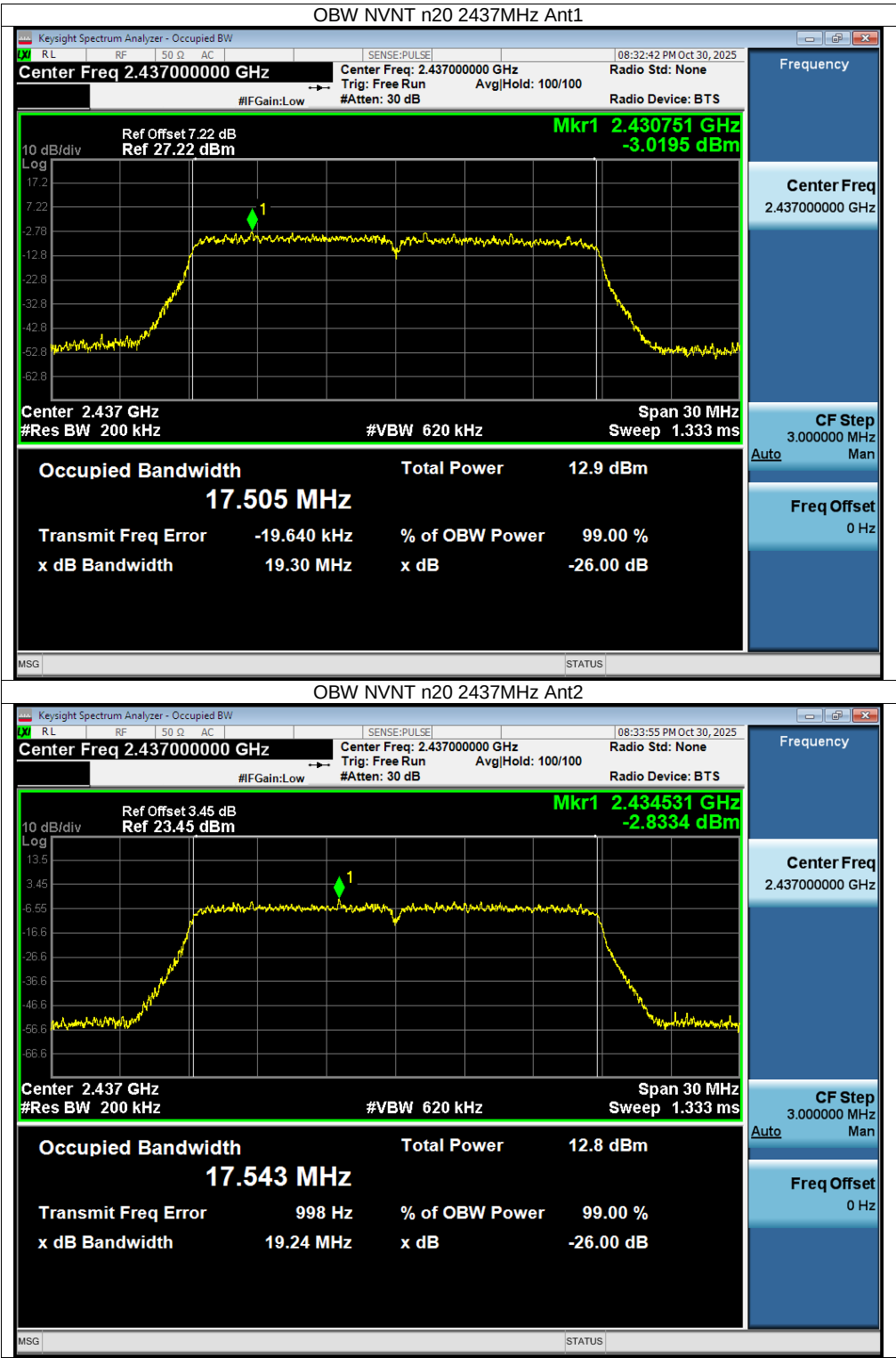


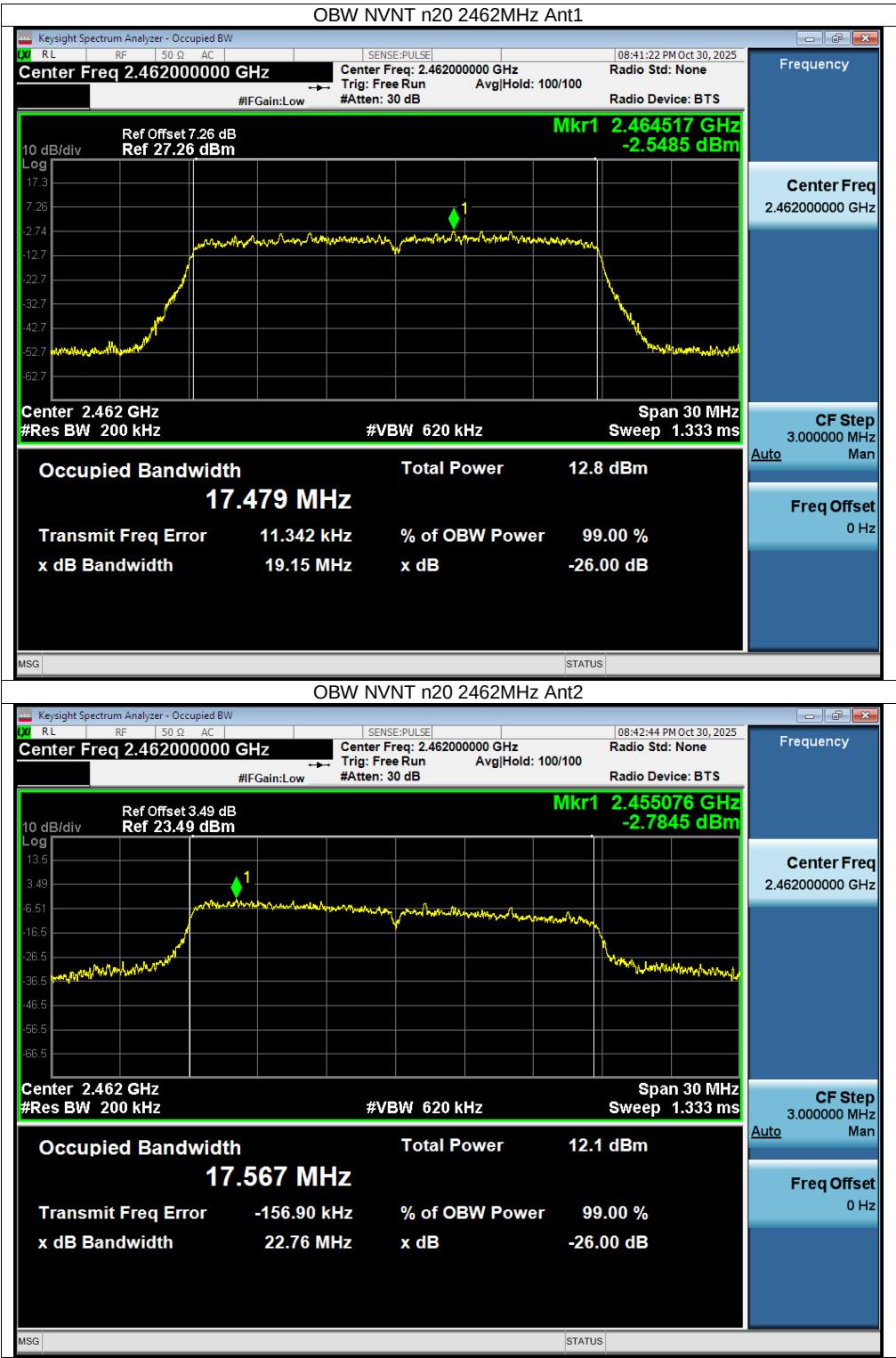


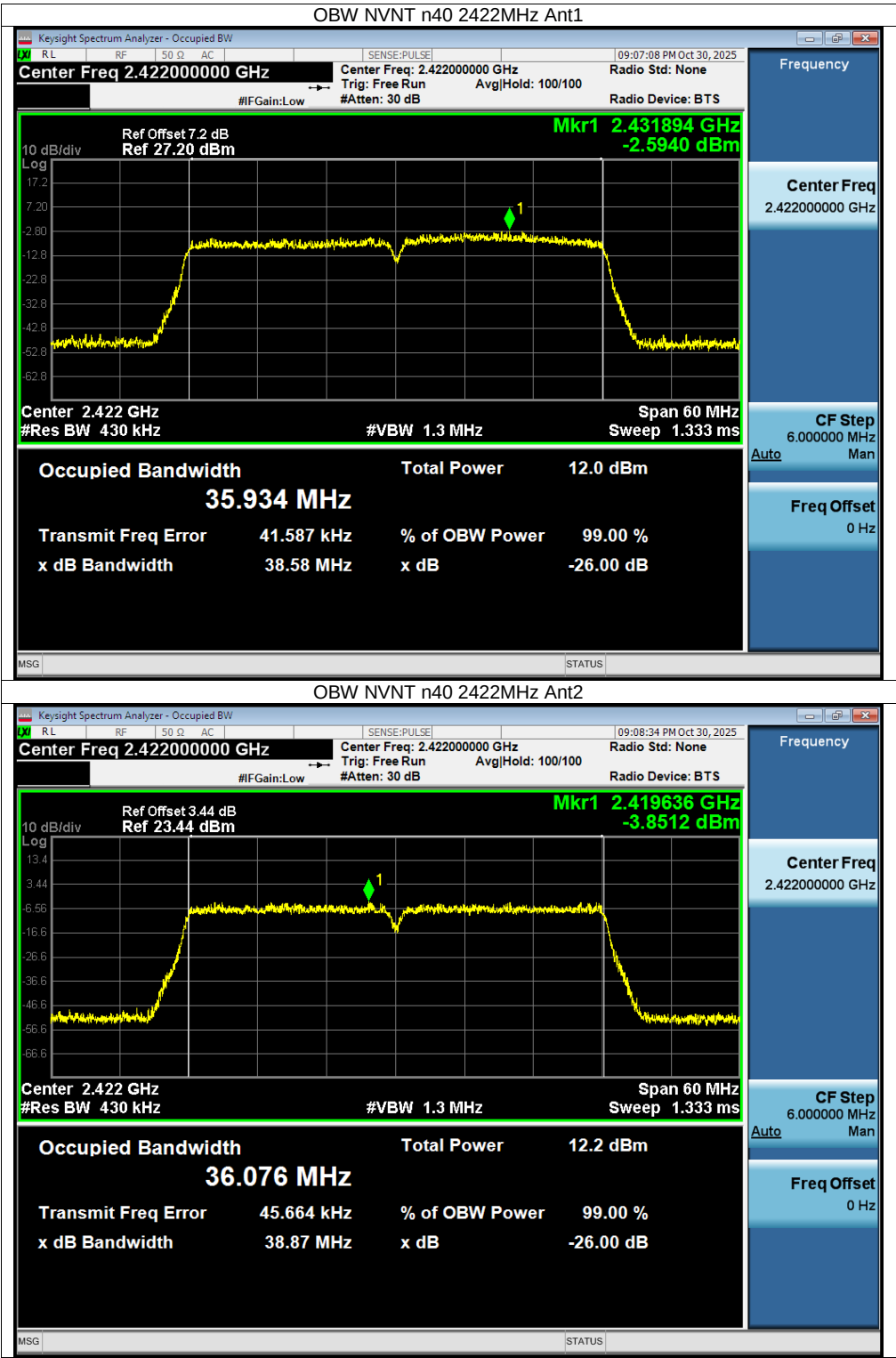


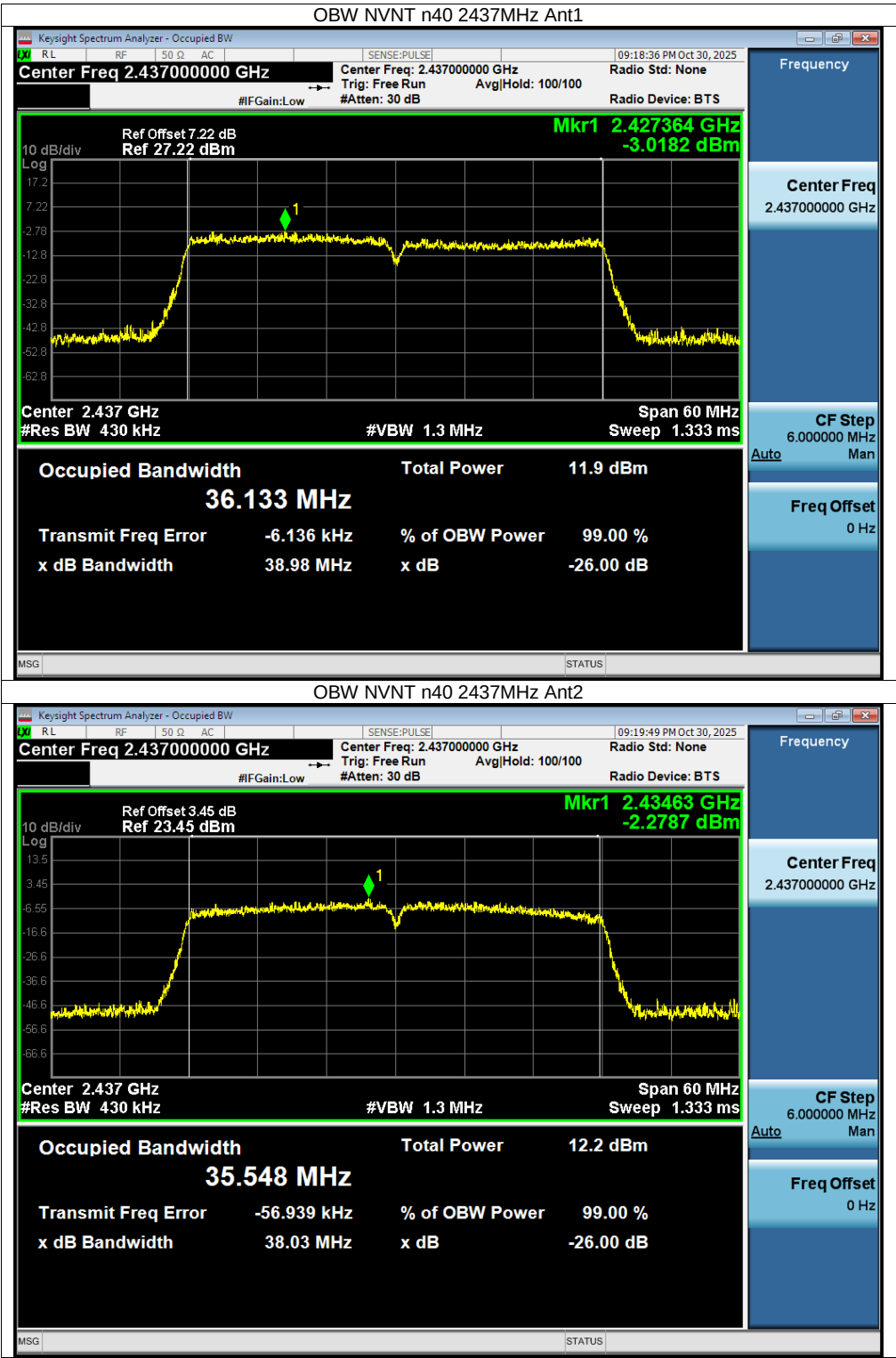


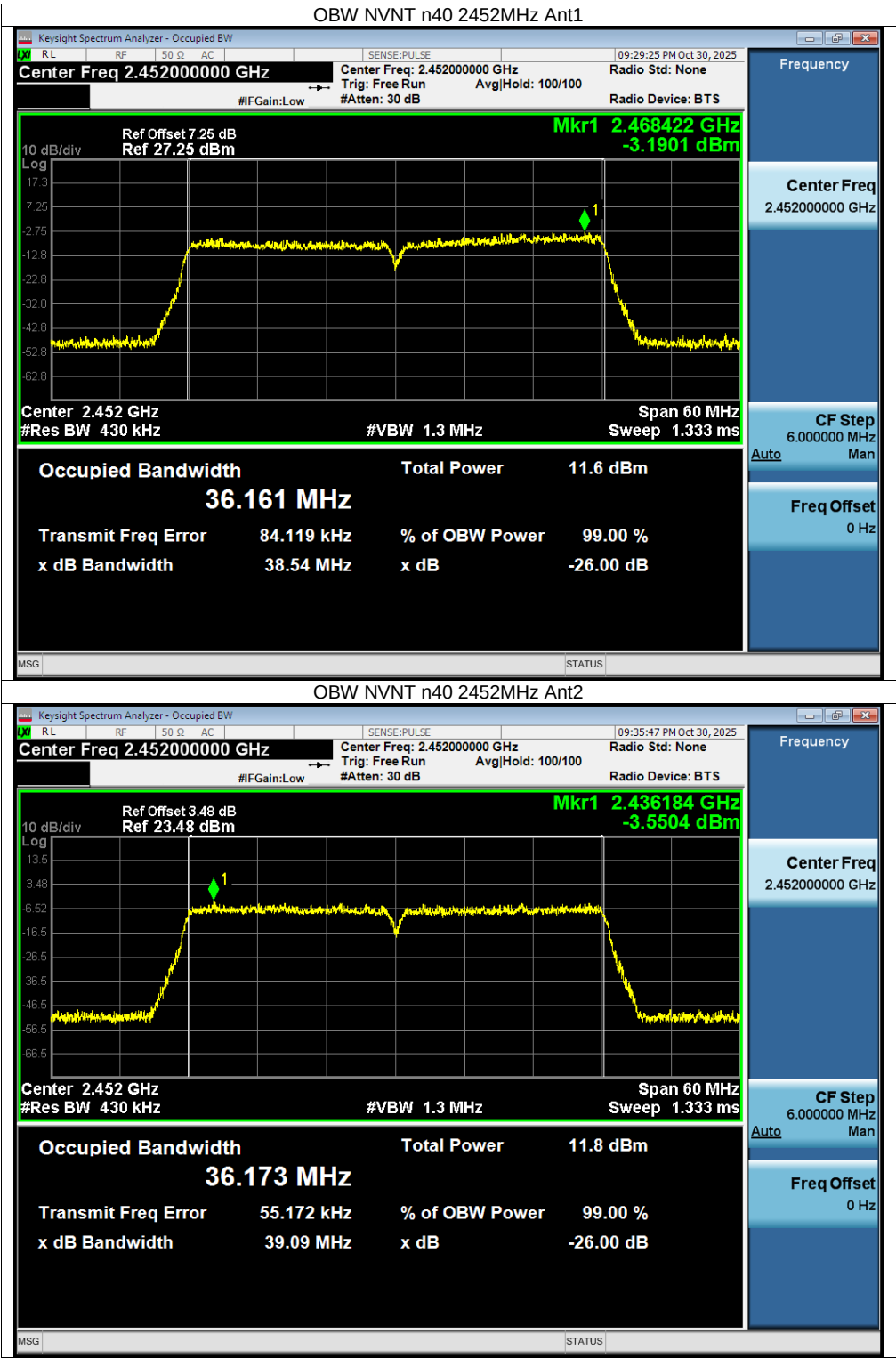


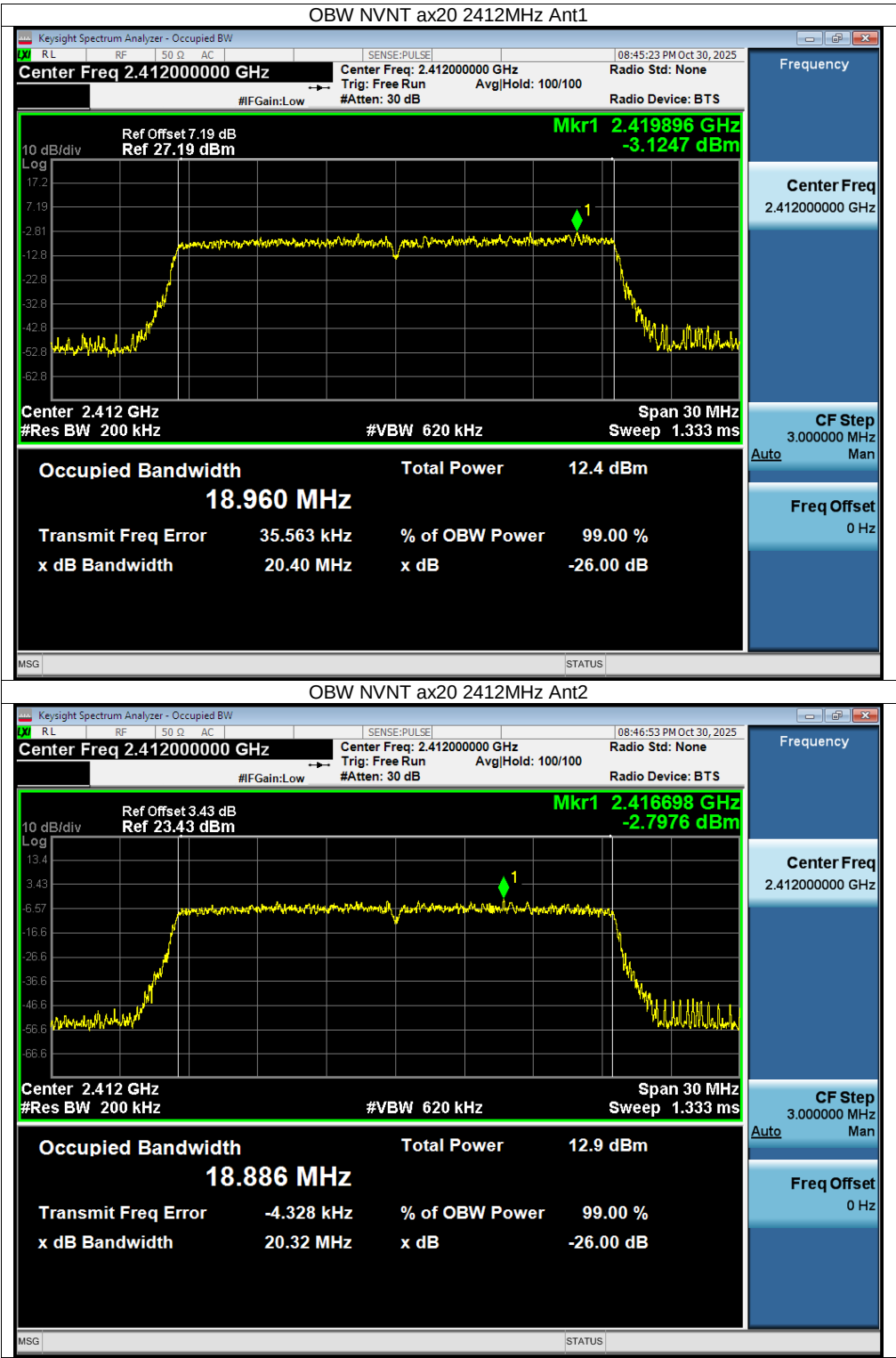


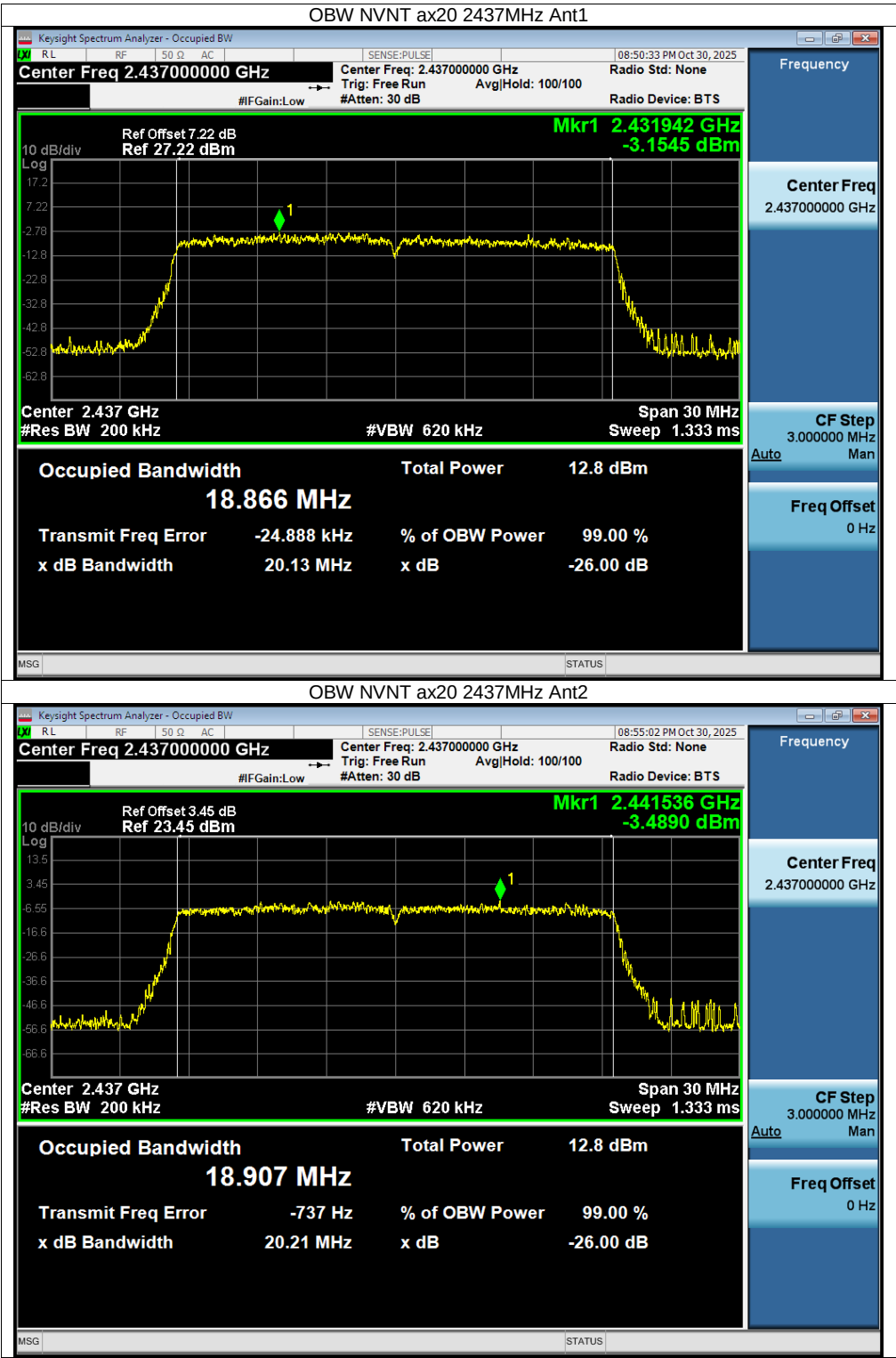


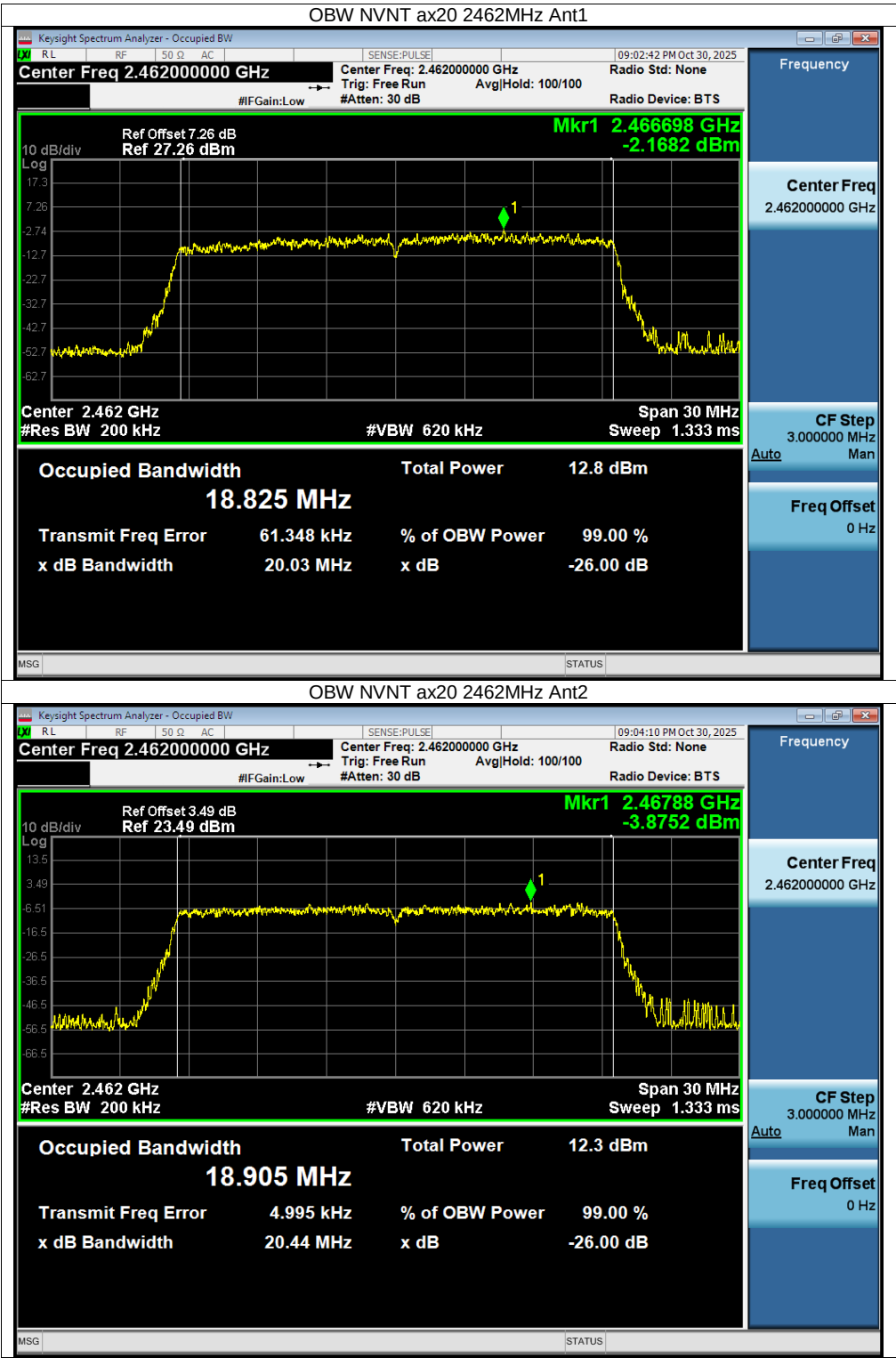


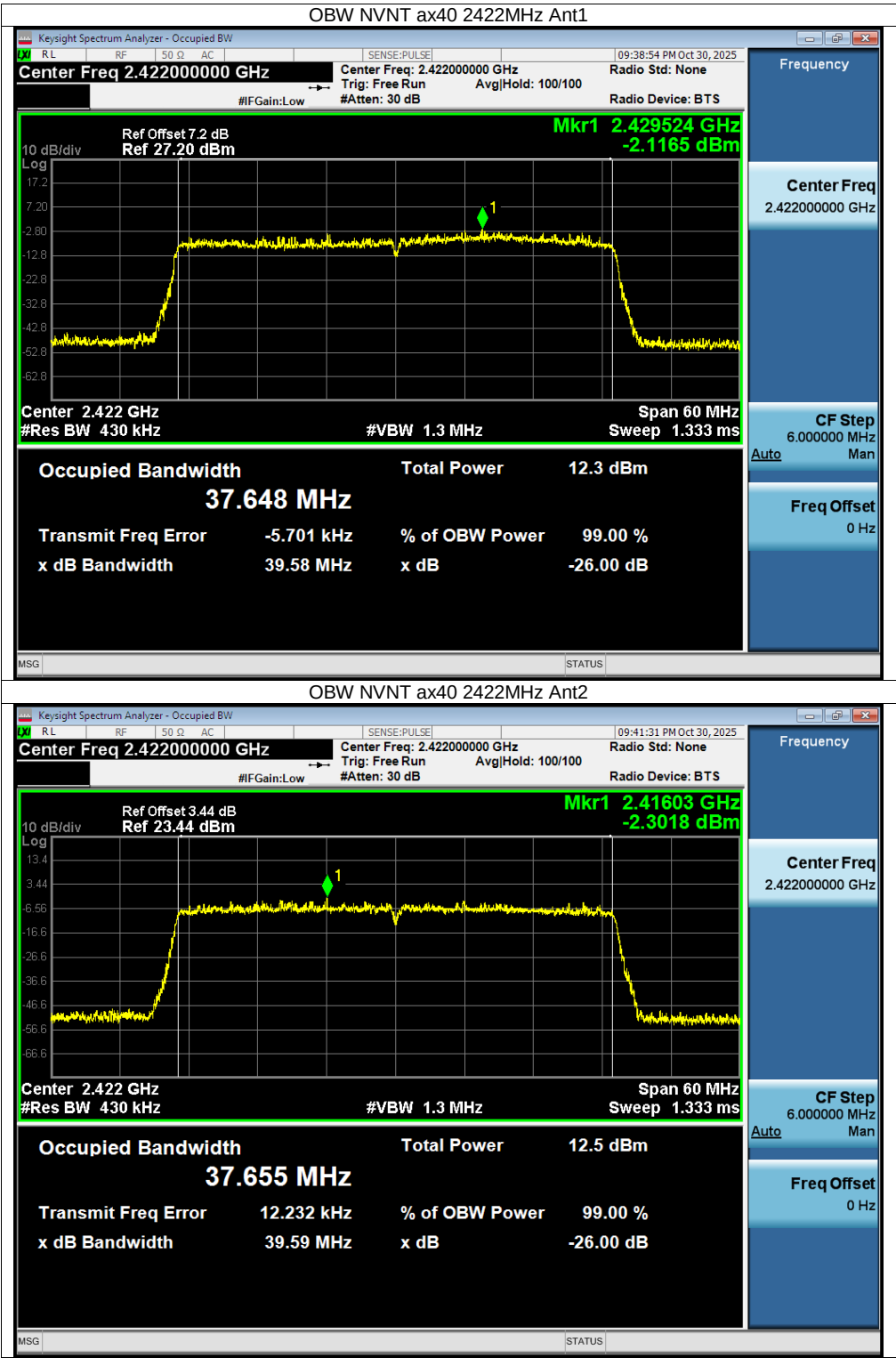


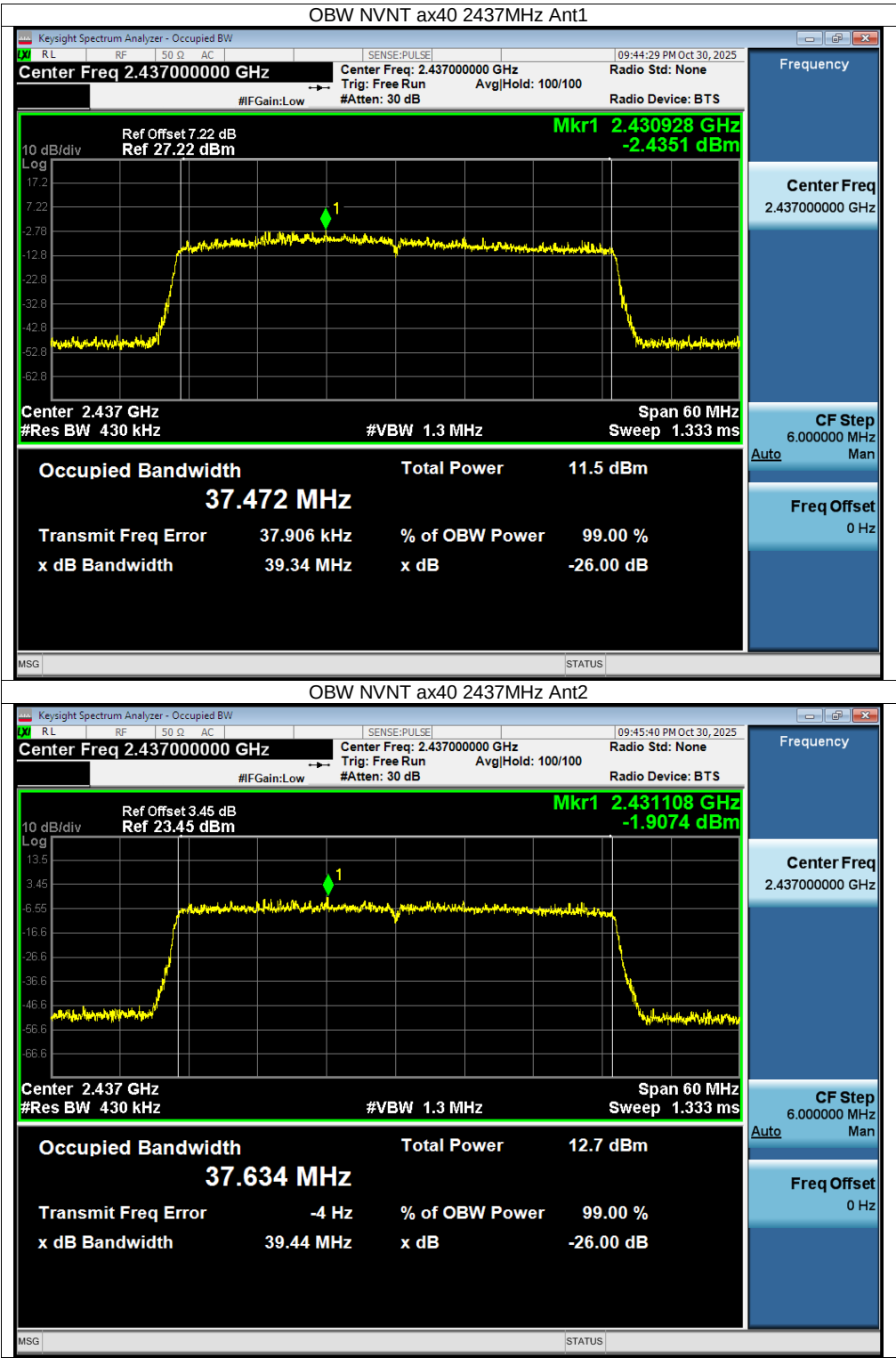


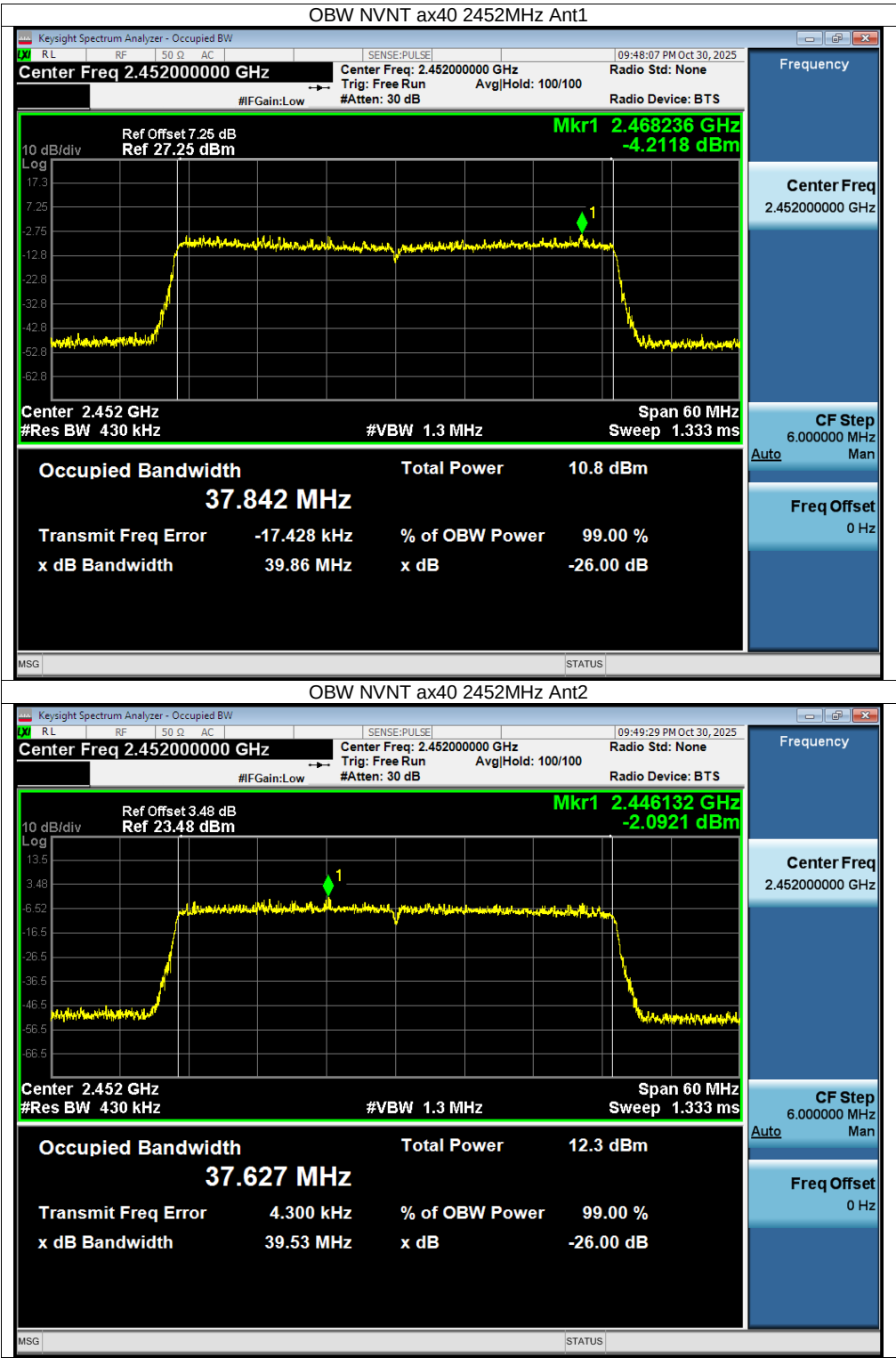






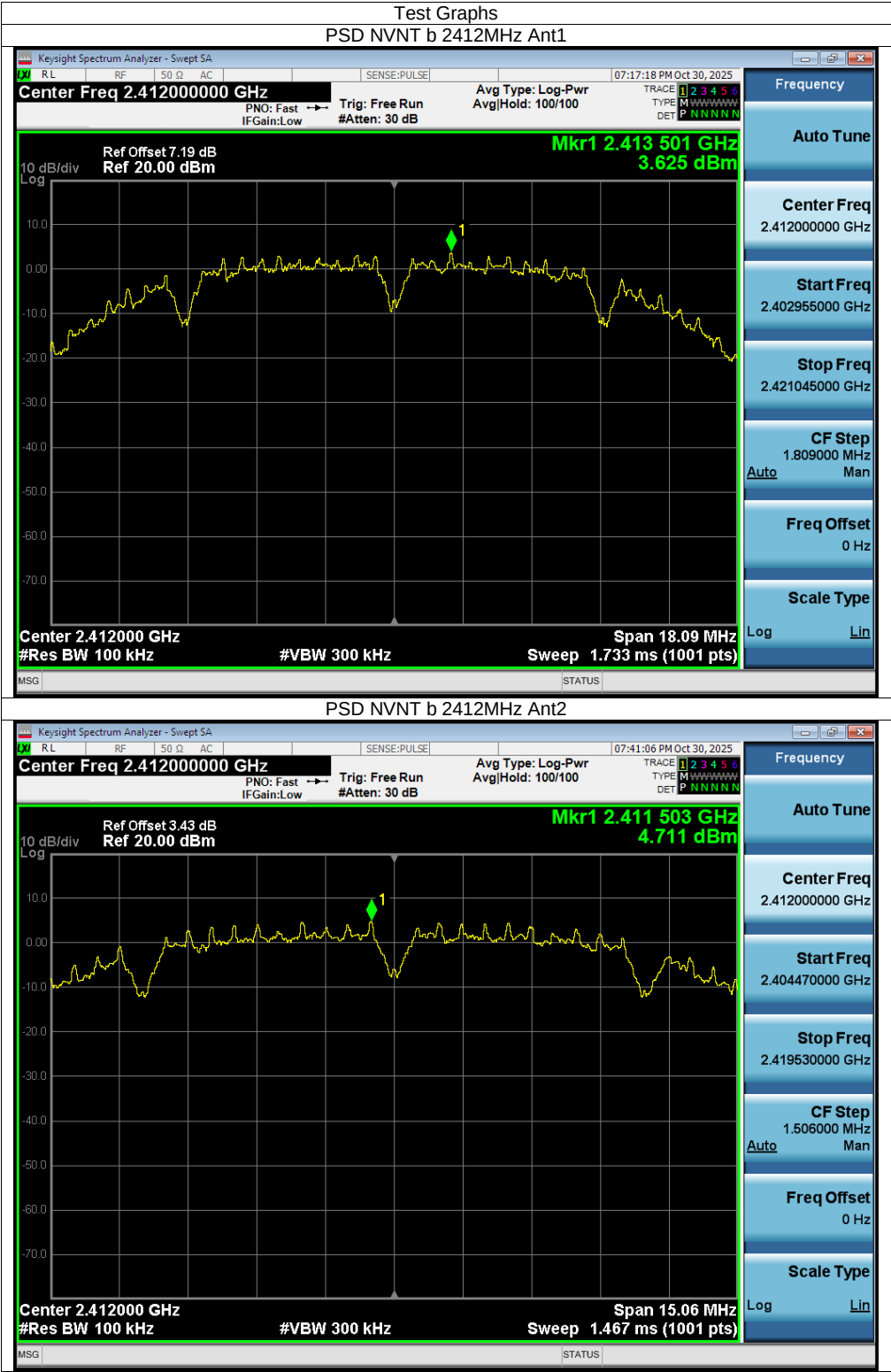


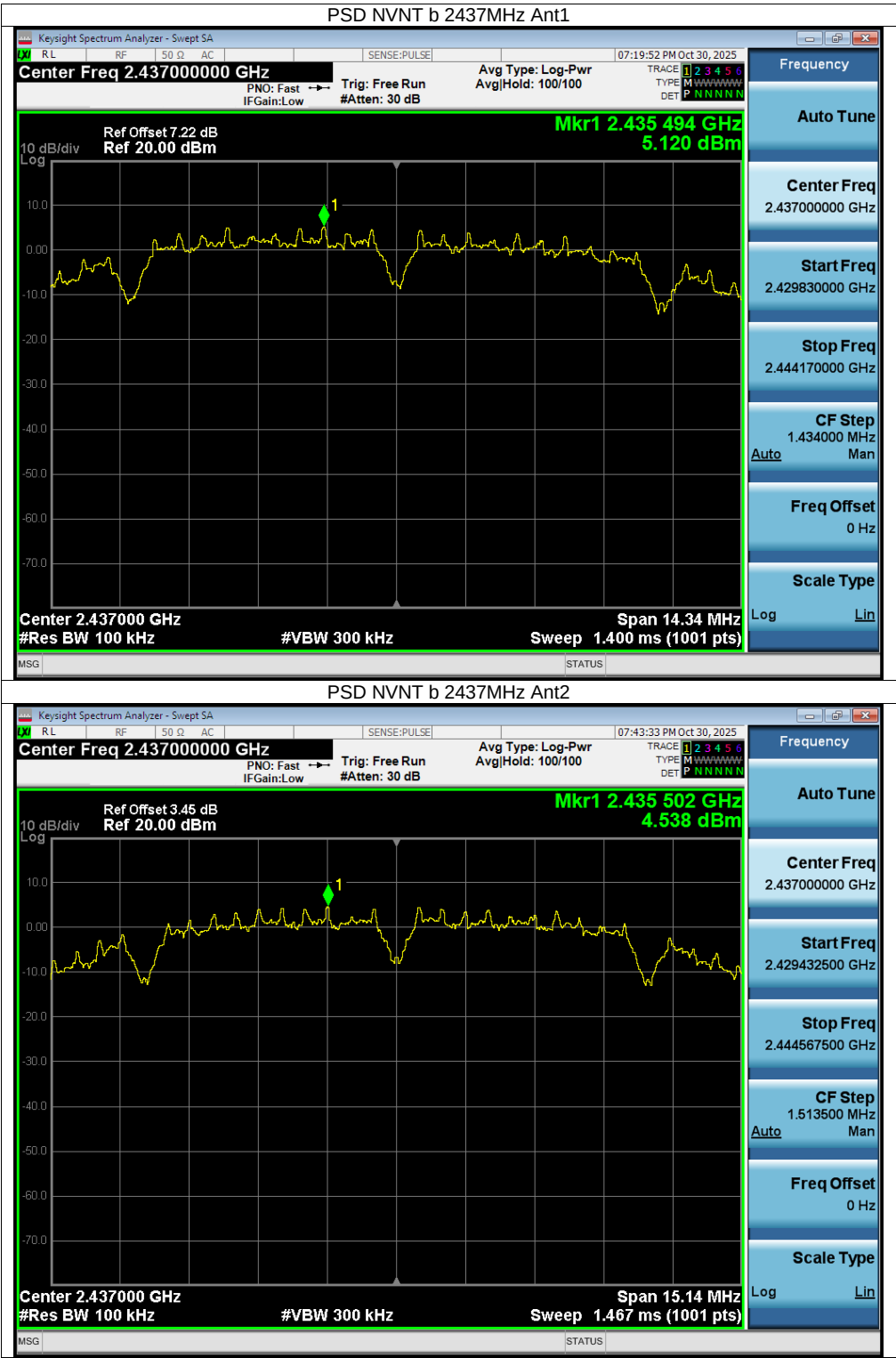


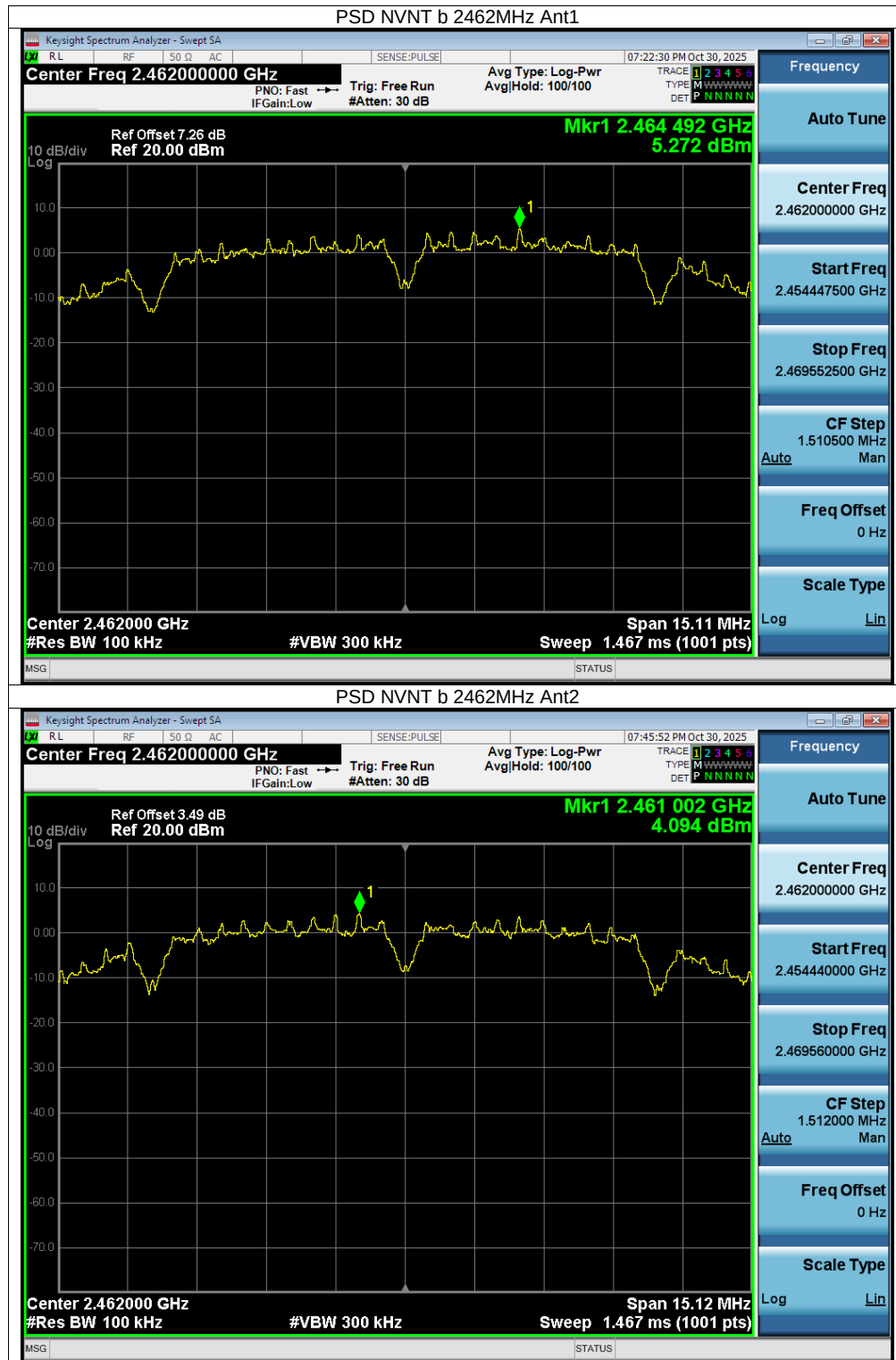


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	3.63	8	Pass
NVNT	b	2412	Ant2	4.71	8	Pass
NVNT	b	2437	Ant1	5.12	8	Pass
NVNT	b	2437	Ant2	4.54	8	Pass
NVNT	b	2462	Ant1	5.27	8	Pass
NVNT	b	2462	Ant2	4.09	8	Pass
NVNT	g	2412	Ant1	-2.84	8	Pass
NVNT	g	2412	Ant2	-2.81	8	Pass
NVNT	g	2437	Ant1	-3.47	8	Pass
NVNT	g	2437	Ant2	-2.72	8	Pass
NVNT	g	2462	Ant1	-2.5	8	Pass
NVNT	g	2462	Ant2	-3.17	8	Pass
NVNT	n20	2412	Ant1	-4.64	8	Pass
NVNT	n20	2412	Ant2	-3.18	8	Pass
NVNT	n20	2412	Sum	-0.84	8	Pass
NVNT	n20	2437	Ant1	-3.71	8	Pass
NVNT	n20	2437	Ant2	-3.69	8	Pass
NVNT	n20	2437	Sum	-0.69	8	Pass
NVNT	n20	2462	Ant1	-3.24	8	Pass
NVNT	n20	2462	Ant2	-2.72	8	Pass
NVNT	n20	2462	Sum	0.04	8	Pass
NVNT	n40	2422	Ant1	-6.76	8	Pass
NVNT	n40	2422	Ant2	-7.82	8	Pass
NVNT	n40	2422	Sum	-4.25	8	Pass
NVNT	n40	2437	Ant1	-6.23	8	Pass
NVNT	n40	2437	Ant2	-6.35	8	Pass
NVNT	n40	2437	Sum	-3.28	8	Pass
NVNT	n40	2452	Ant1	-6.68	8	Pass
NVNT	n40	2452	Ant2	-7.88	8	Pass
NVNT	n40	2452	Sum	-4.23	8	Pass
NVNT	ax20	2412	Ant1	-6.04	8	Pass
NVNT	ax20	2412	Ant2	-4.67	8	Pass
NVNT	ax20	2412	Sum	-2.29	8	Pass
NVNT	ax20	2437	Ant1	-4.95	8	Pass
NVNT	ax20	2437	Ant2	-5.23	8	Pass
NVNT	ax20	2437	Sum	-2.08	8	Pass
NVNT	ax20	2462	Ant1	-4.28	8	Pass
NVNT	ax20	2462	Ant2	-5.49	8	Pass
NVNT	ax20	2462	Sum	-1.83	8	Pass
NVNT	ax40	2422	Ant1	-7.66	8	Pass
NVNT	ax40	2422	Ant2	-8.14	8	Pass
NVNT	ax40	2422	Sum	-4.88	8	Pass
NVNT	ax40	2437	Ant1	-7.77	8	Pass
NVNT	ax40	2437	Ant2	-7.73	8	Pass
NVNT	ax40	2437	Sum	-4.74	8	Pass
NVNT	ax40	2452	Ant1	-9.76	8	Pass
NVNT	ax40	2452	Ant2	-8.4	8	Pass
NVNT	ax40	2452	Sum	-6.02	8	Pass









PSD NVNT g 2412MHz Ant2

Keysight Spectrum Analyzer - Swept SA

RLRF50ΩACSENSE:PULSE

Center Freq 2.412000000 GHz

PNO: Fast → Trig: Free Run

IFGain:Low #Atten: 30 dB

Avg Type: Log-Pwr

Avg|Hold: 100/100

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W

DET P N N N N N

07:59:22 PM Oct 30, 2025

Frequency

Auto Tune

Center Freq

2.412000000 GHz

Start Freq

2.399760000 GHz

Stop Freq

2.424240000 GHz

CF Step

2.448000 MHz

Auto

Man

Freq Offset

0 Hz

Scale Type

Log

Lin

10 dB/div

Log

Ref Offset 3.43 dB

Ref 20.00 dBm

Mkr1 2.415 770 GHz

-2.811 dBm

1

Center 2.41200 GHz

#Res BW 100 kHz

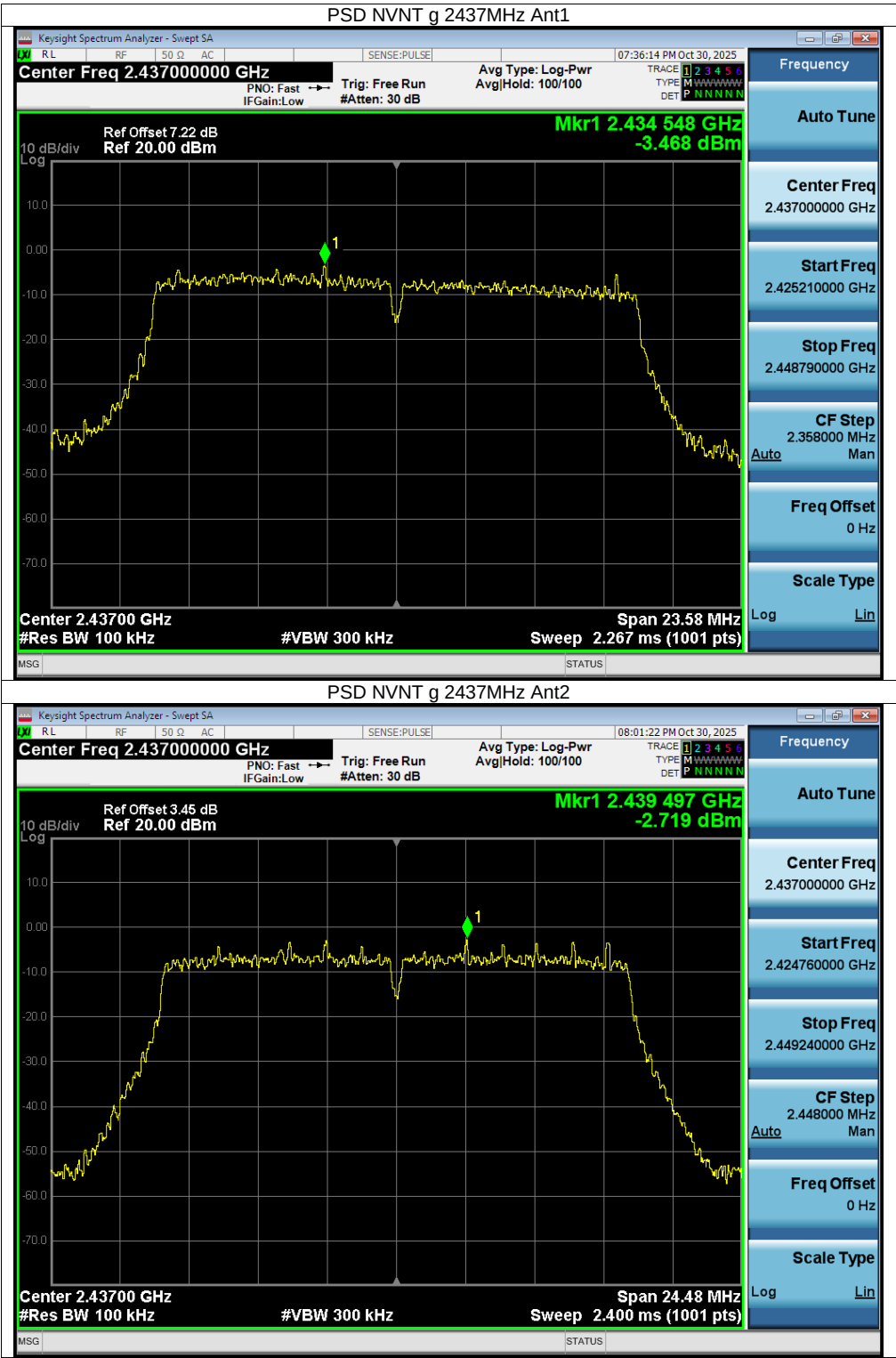
#VBW 300 kHz

Span 24.48 MHz

Sweep 2.400 ms (1001 pts)

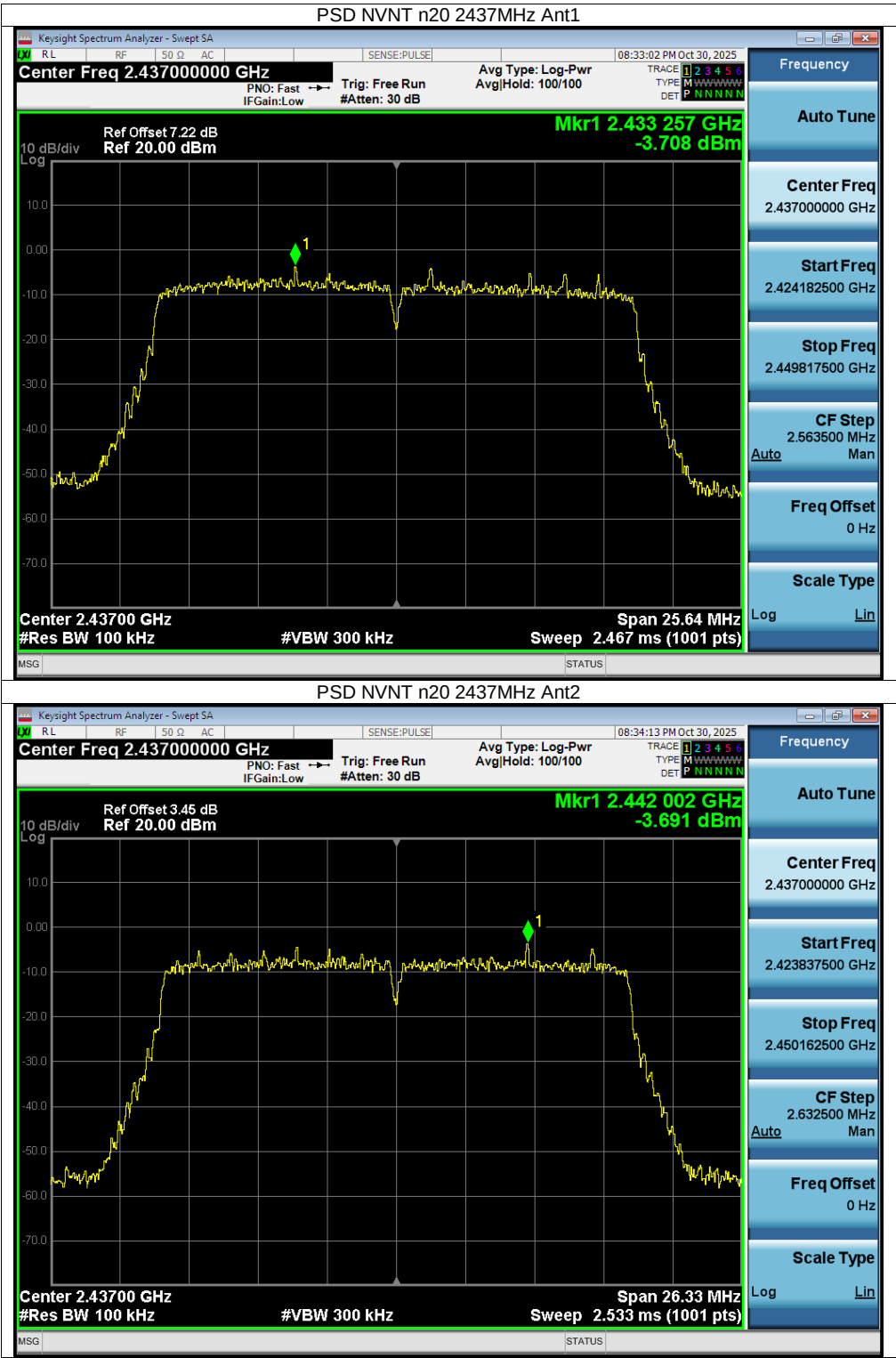
MSG

STATUS

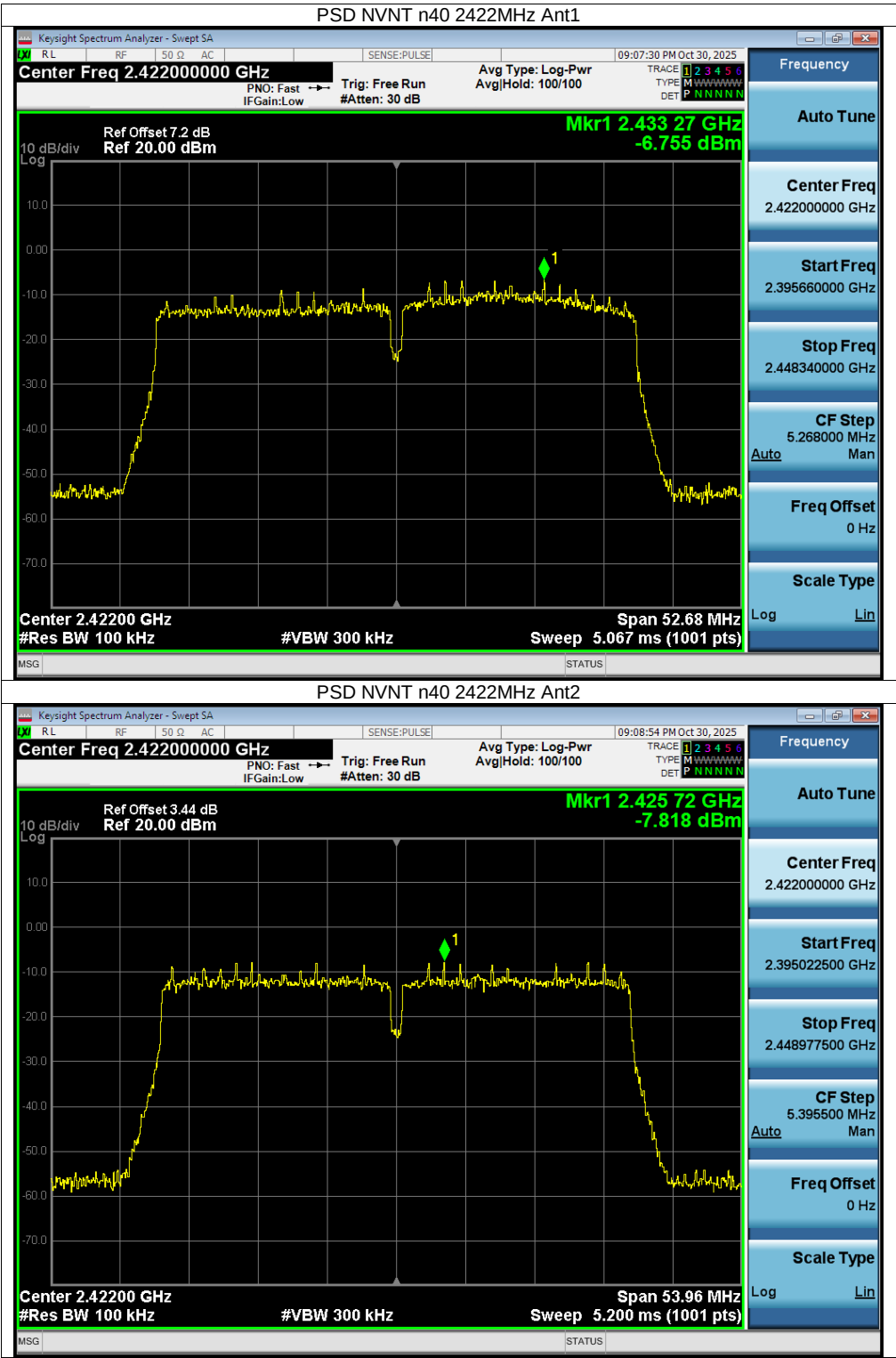










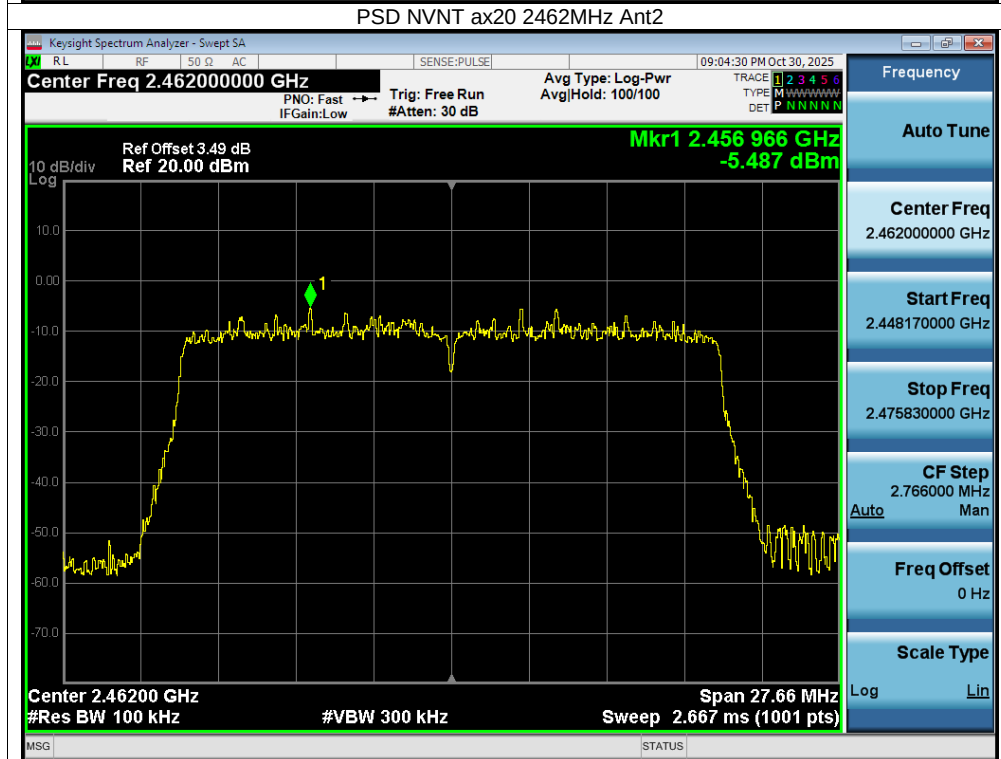
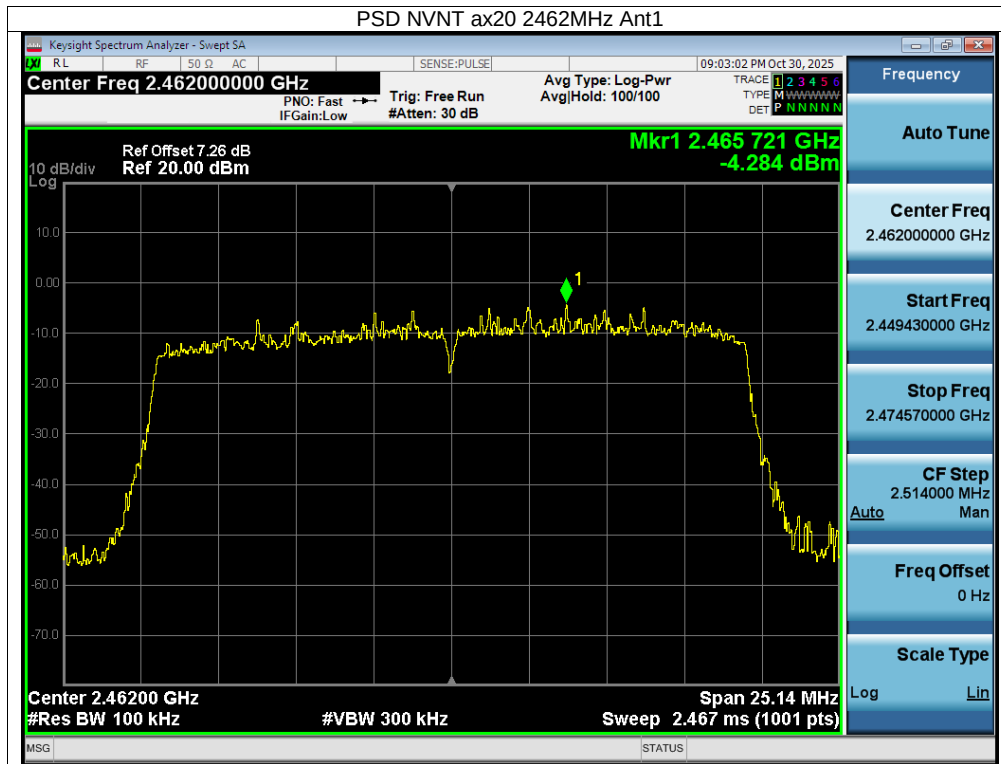


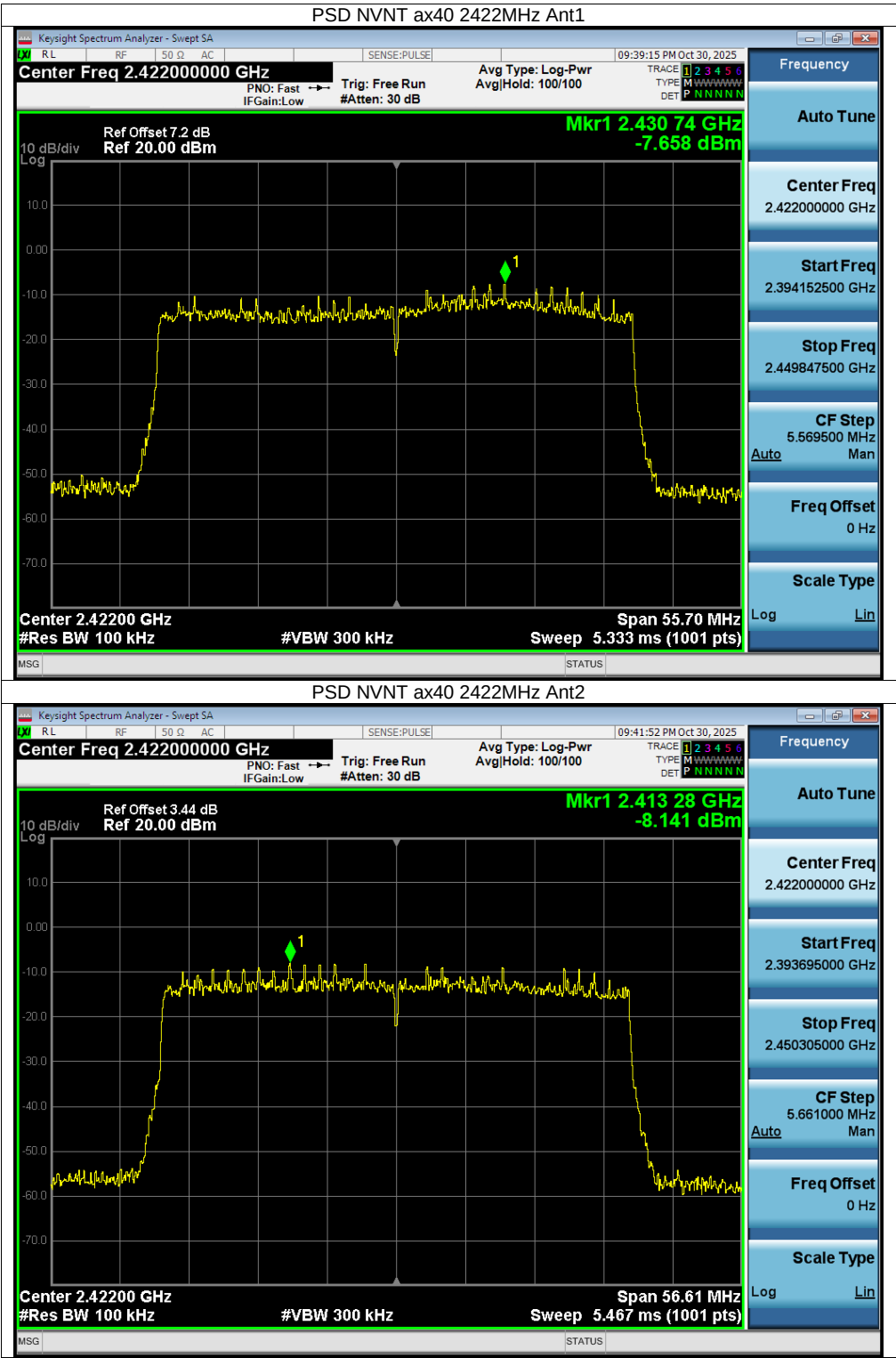


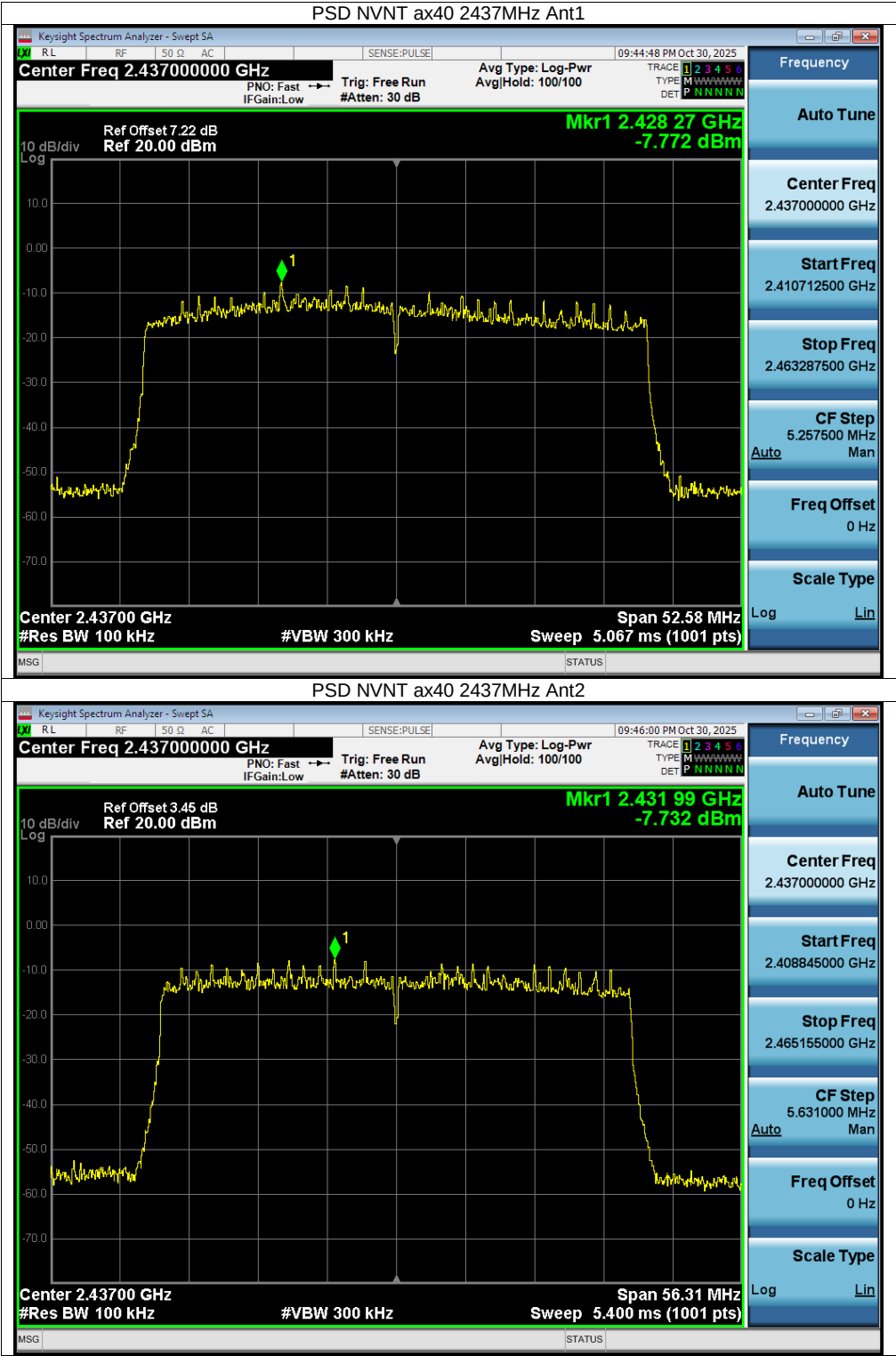












PSD NVNT ax40 2437MHz Ant2

Keysight Spectrum Analyzer - Swept SA

RLRF50ΩACSENSE:PULSE

Center Freq 2.437000000 GHz

PNO: Fast → Trig: Free Run

IFGain:Low #Atten: 30 dB

Avg Type: Log-Pwr

Avg|Hold: 100/100

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W

DET P N N N N N

09:46:00 PM Oct 30, 2025

Frequency

Auto Tune

Center Freq 2.437000000 GHz

Start Freq 2.408845000 GHz

Stop Freq 2.465155000 GHz

CF Step 5.631000 MHz

Auto Man

Freq Offset 0 Hz

Scale Type Log Lin

10 dB/div

Log

Ref Offset 3.45 dB

Ref 20.00 dBm

Mkr1 2.431 99 GHz

-7.732 dBm

1

Center 2.43700 GHz

#Res BW 100 kHz

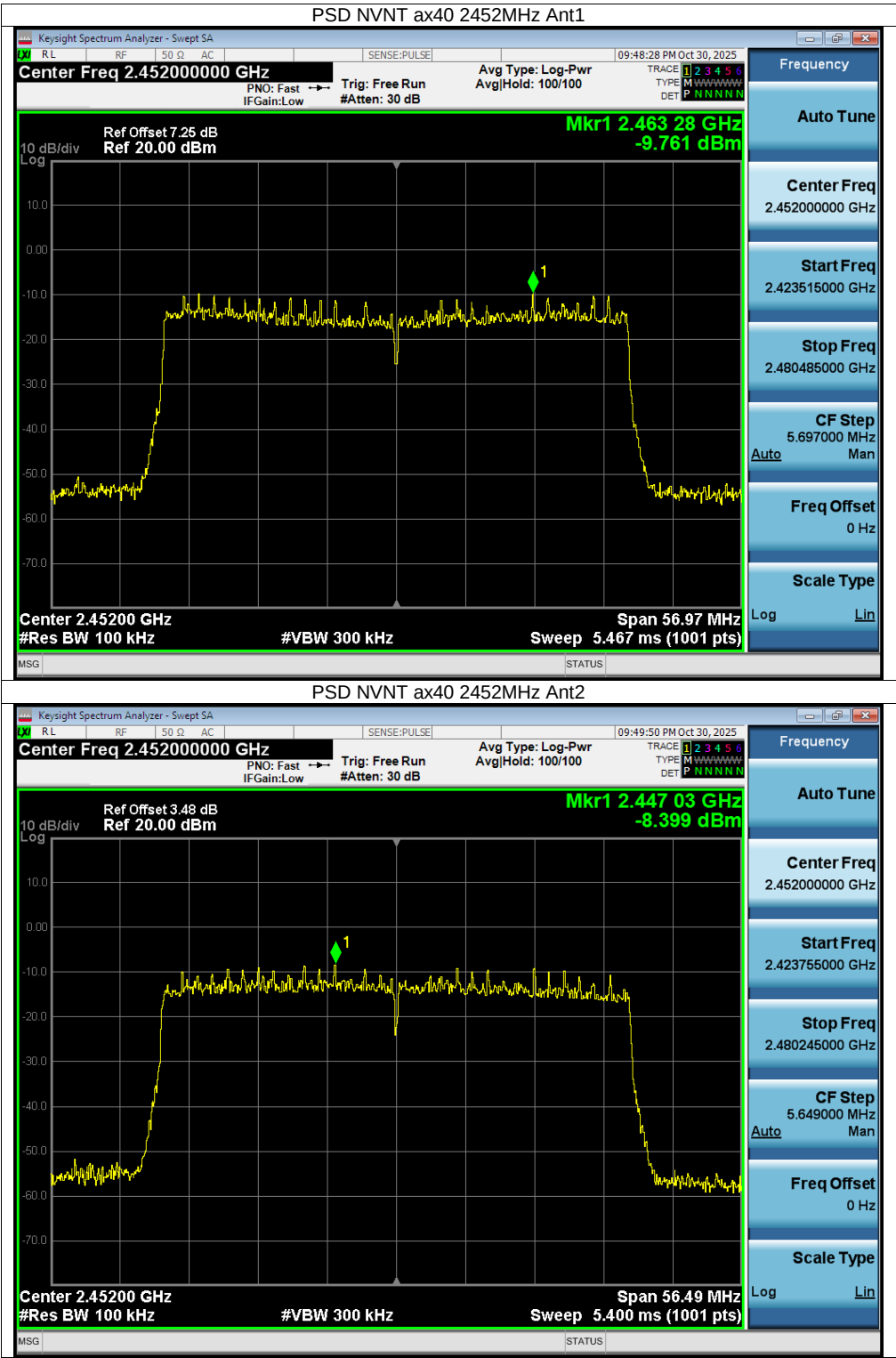
#VBW 300 kHz

Span 56.31 MHz

Sweep 5.400 ms (1001 pts)

MSG

STATUS



Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.26	-20	Pass
NVNT	b	2412	Ant2	-47.89	-20	Pass
NVNT	b	2462	Ant1	-56.101	-20	Pass
NVNT	b	2462	Ant2	-54.714	-20	Pass
NVNT	g	2412	Ant1	-46.879	-20	Pass
NVNT	g	2412	Ant2	-50.519	-20	Pass
NVNT	g	2462	Ant1	-49.094	-20	Pass
NVNT	g	2462	Ant2	-51.665	-20	Pass
NVNT	n20	2412	Ant1	-46.086	-20	Pass
NVNT	n20	2412	Ant2	-50.139	-20	Pass
NVNT	n20	2462	Ant1	-47.603	-20	Pass
NVNT	n20	2462	Ant2	-39.943	-20	Pass
NVNT	n40	2422	Ant1	-44.653	-20	Pass
NVNT	n40	2422	Ant2	-45.514	-20	Pass
NVNT	n40	2452	Ant1	-45.15	-20	Pass
NVNT	n40	2452	Ant2	-45.586	-20	Pass
NVNT	ax20	2412	Ant1	-43.161	-20	Pass
NVNT	ax20	2412	Ant2	-47.686	-20	Pass
NVNT	ax20	2462	Ant1	-47.794	-20	Pass
NVNT	ax20	2462	Ant2	-49.855	-20	Pass
NVNT	ax40	2422	Ant1	-41.732	-20	Pass
NVNT	ax40	2422	Ant2	-44.939	-20	Pass
NVNT	ax40	2452	Ant1	-43.155	-20	Pass
NVNT	ax40	2452	Ant2	-46.725	-20	Pass

