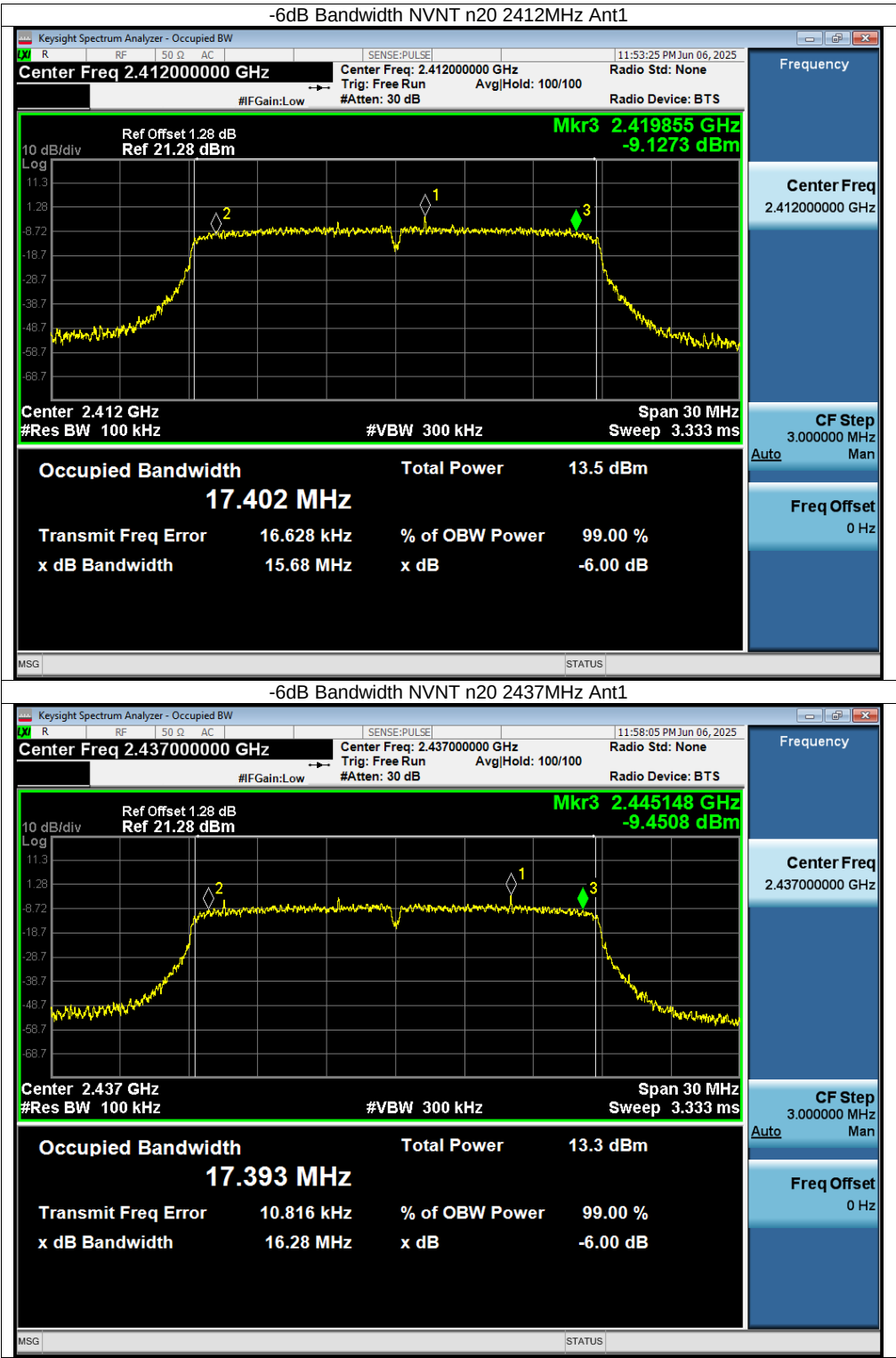
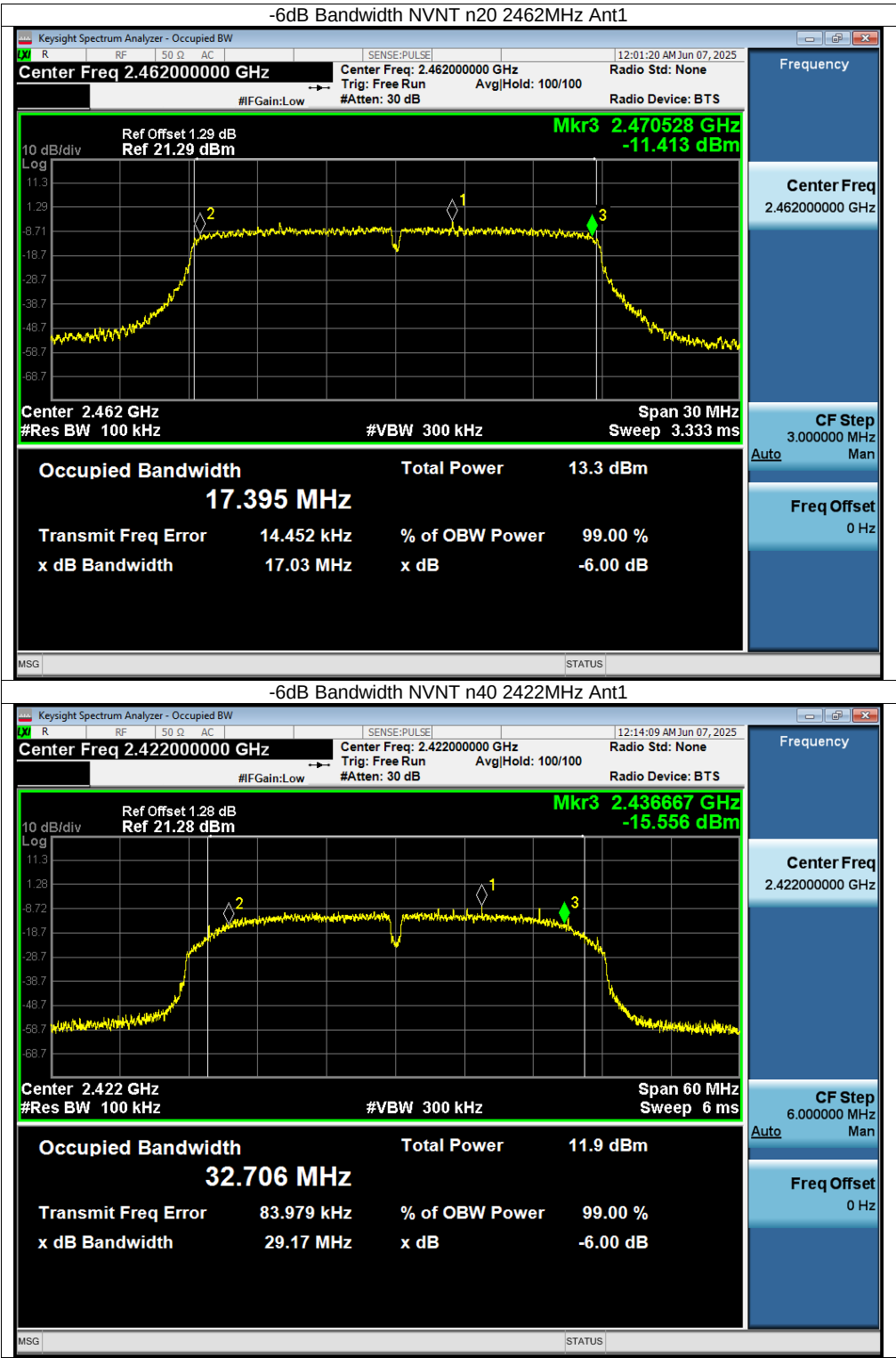
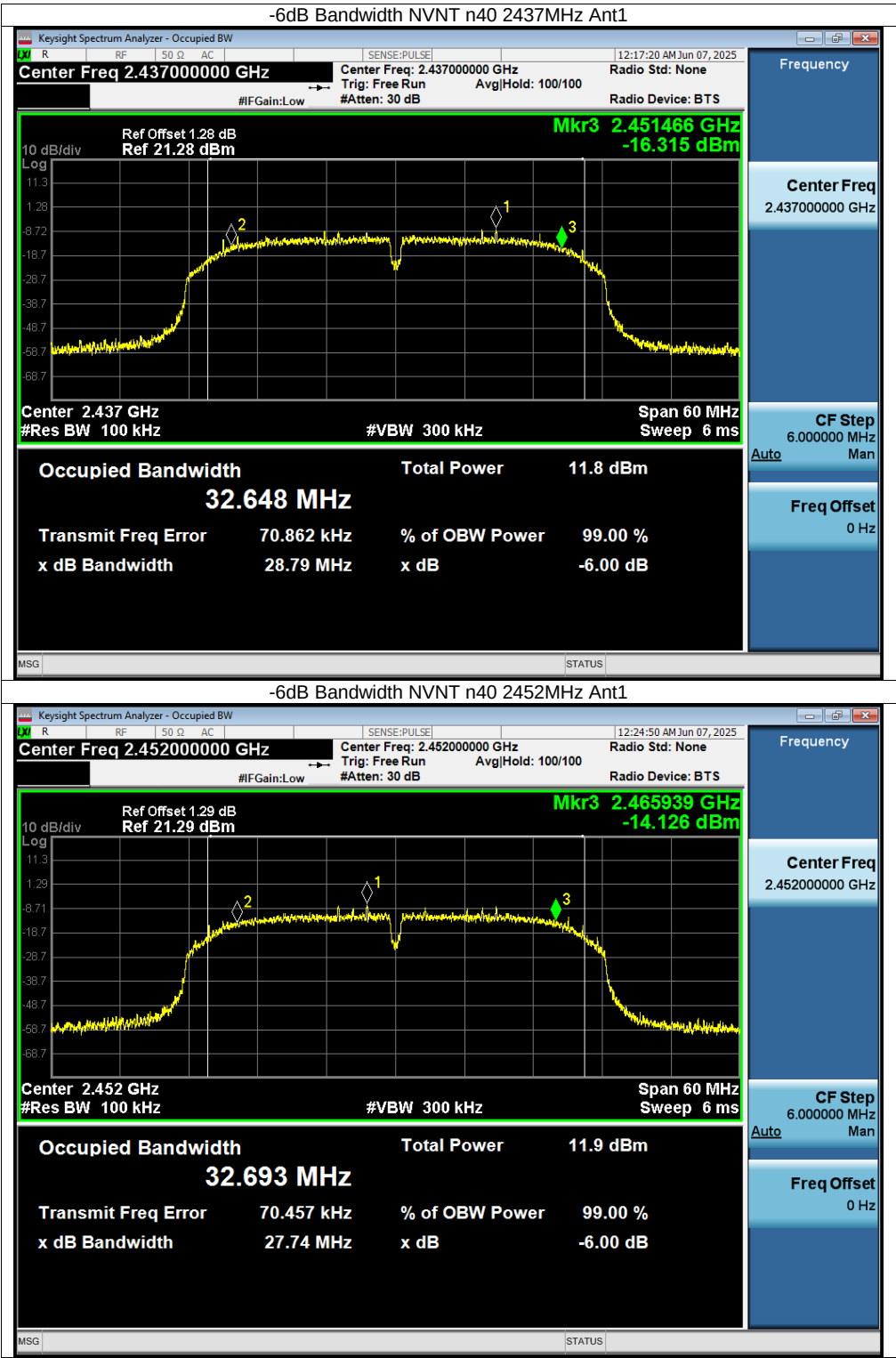
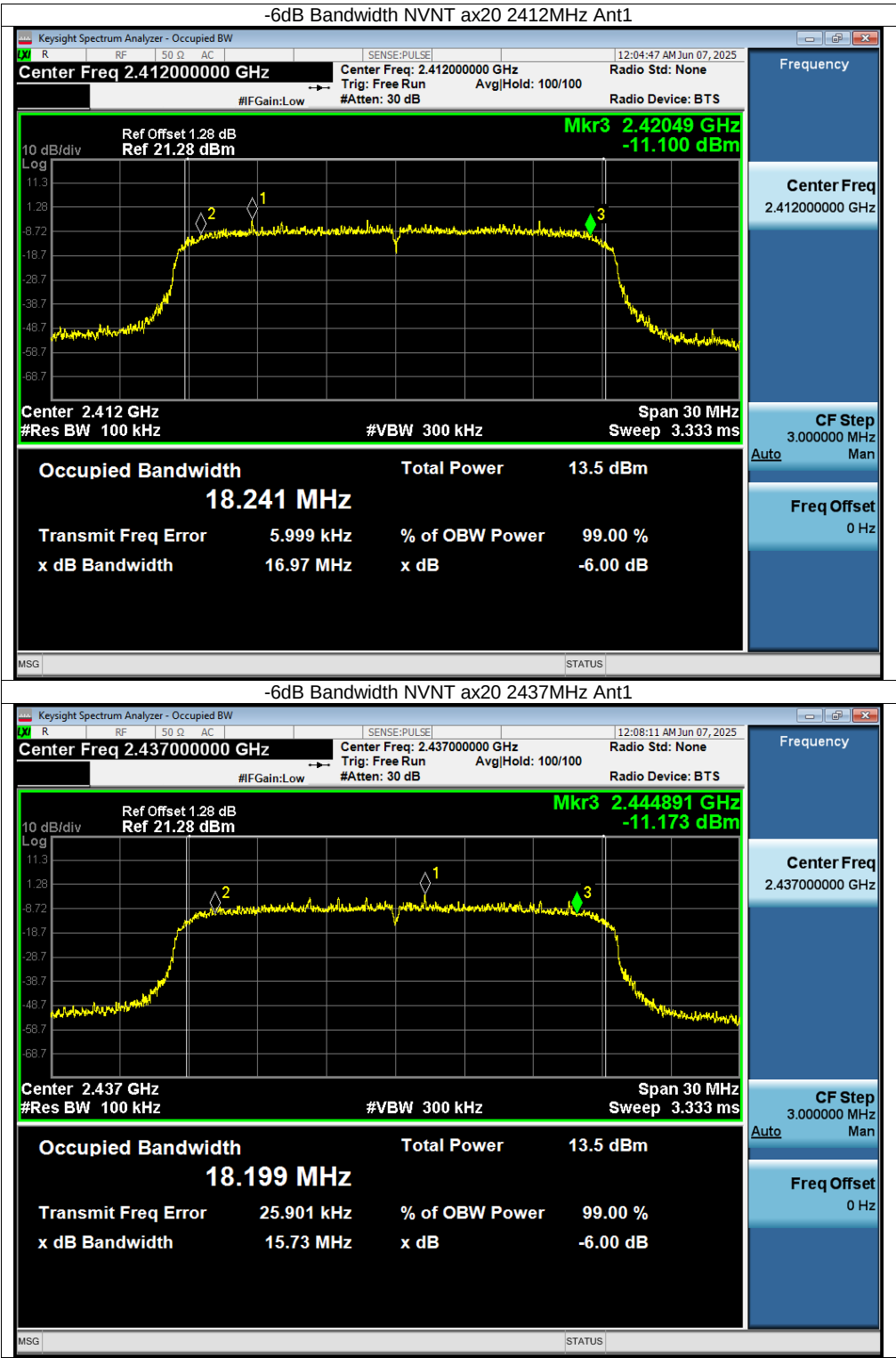
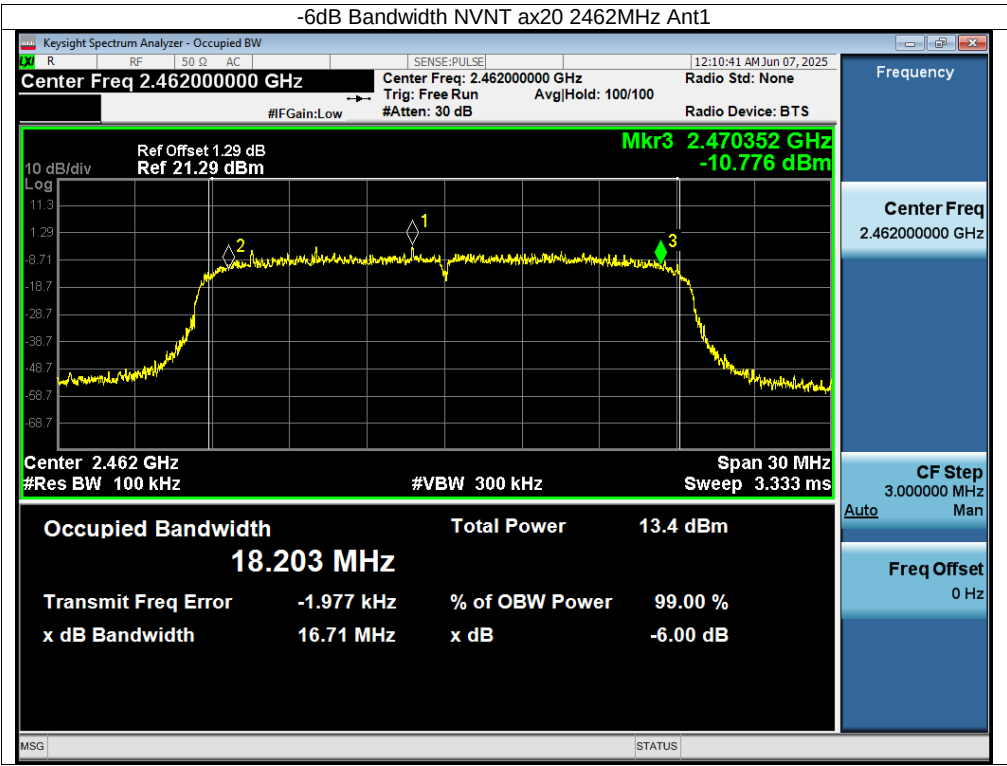






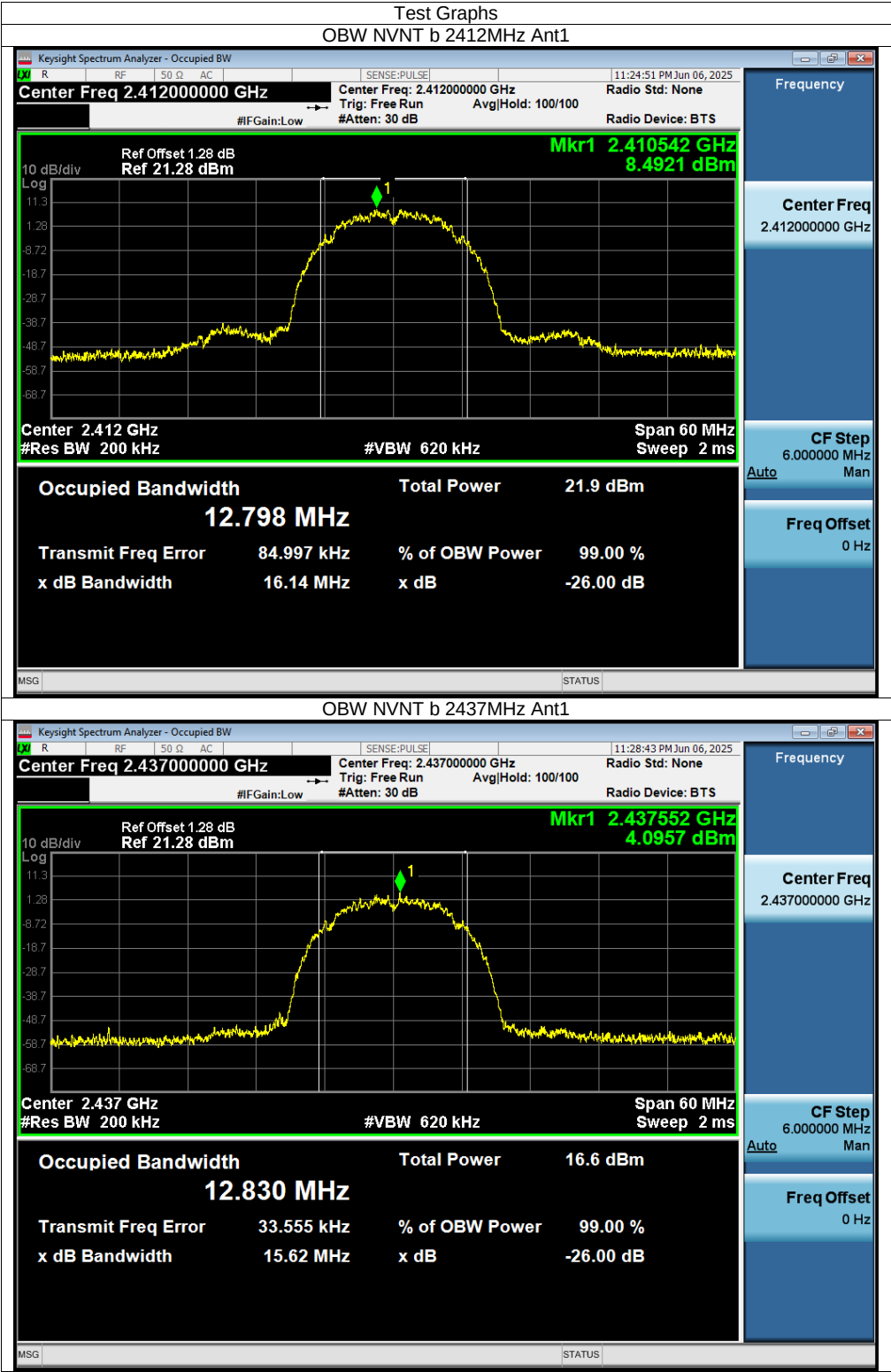


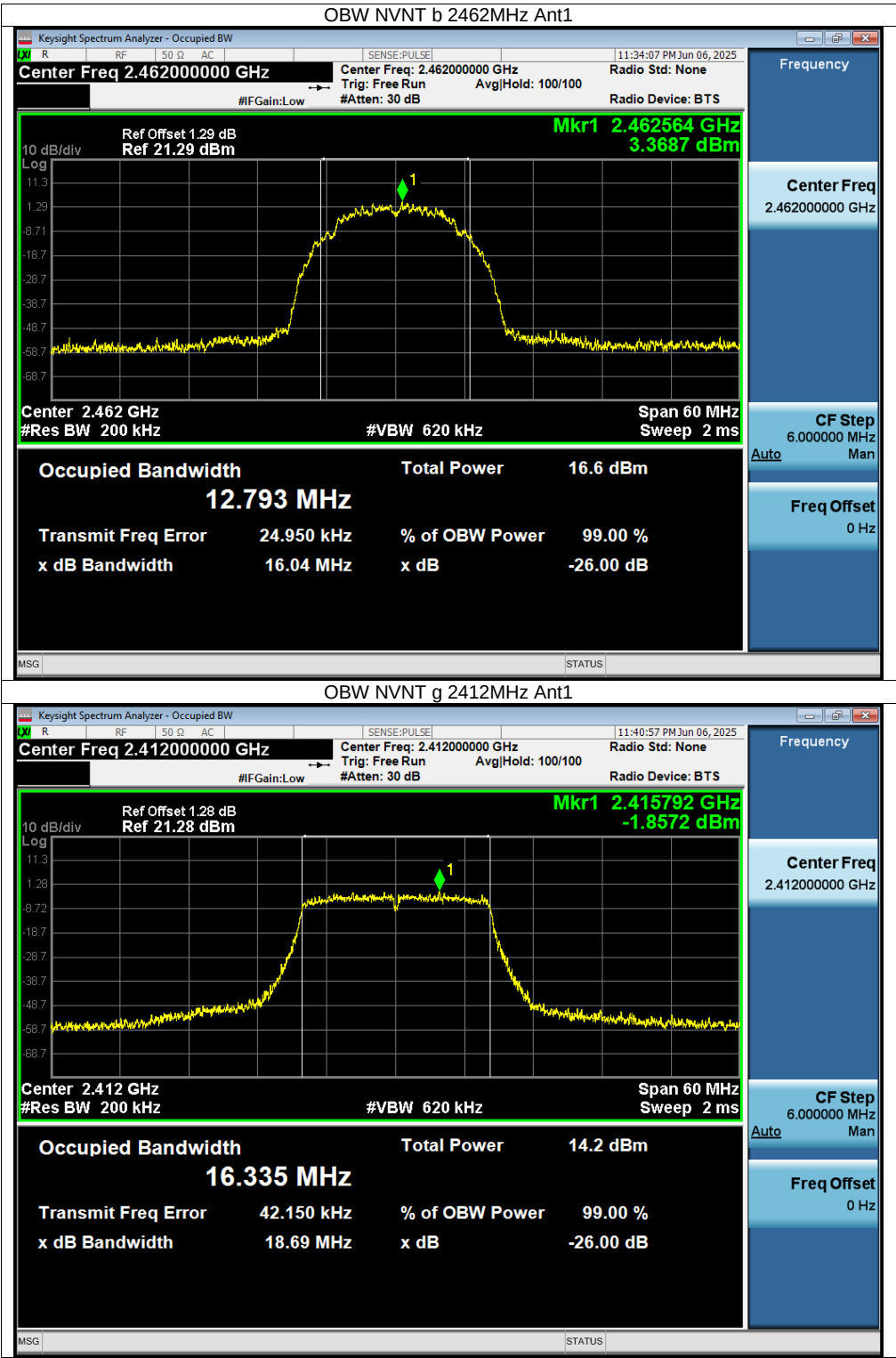


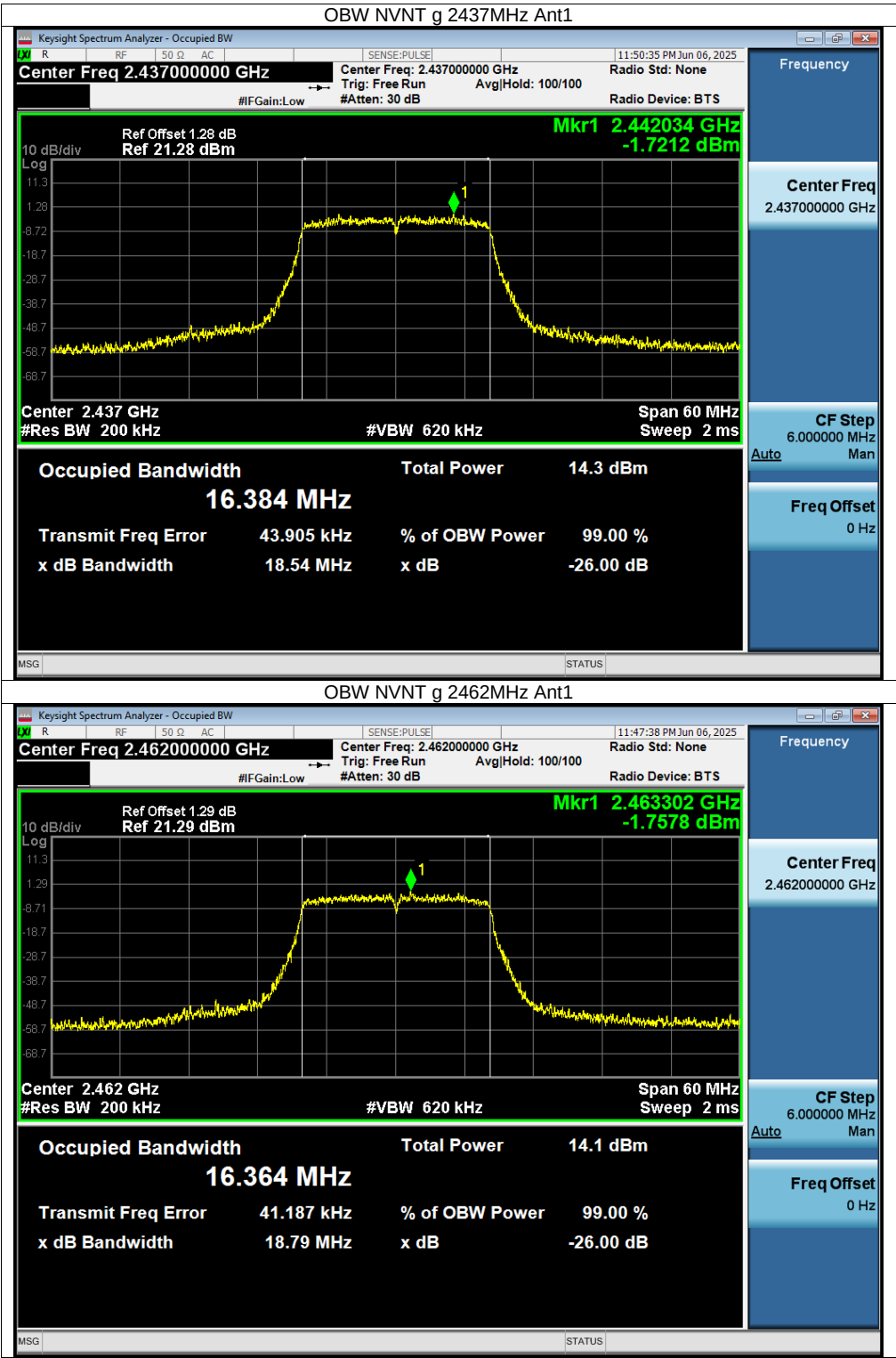


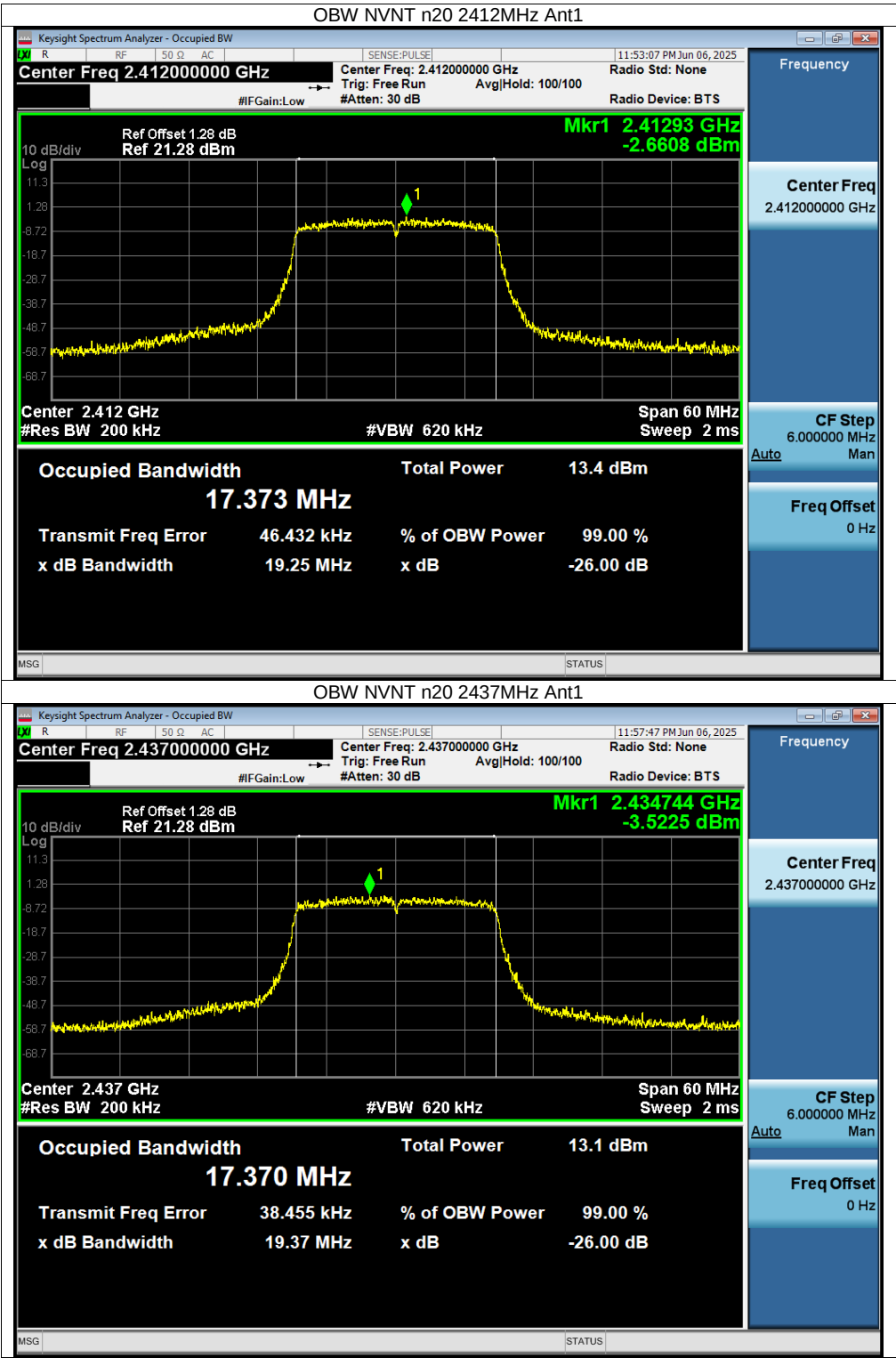
## Occupied Channel Bandwidth

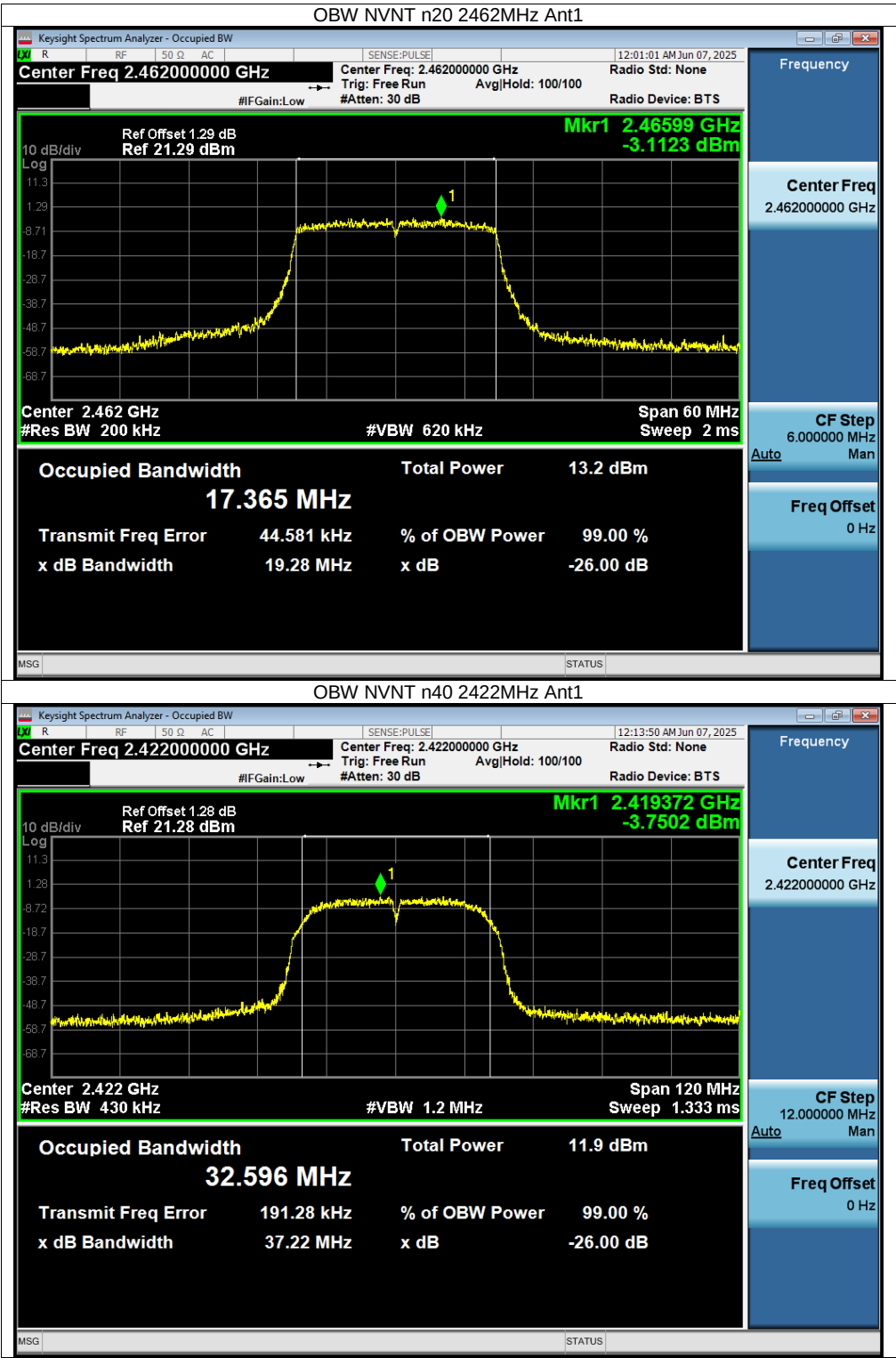
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | b    | 2412            | Ant1    | 12.798        |
| NVNT      | b    | 2437            | Ant1    | 12.83         |
| NVNT      | b    | 2462            | Ant1    | 12.793        |
| NVNT      | g    | 2412            | Ant1    | 16.335        |
| NVNT      | g    | 2437            | Ant1    | 16.384        |
| NVNT      | g    | 2462            | Ant1    | 16.364        |
| NVNT      | n20  | 2412            | Ant1    | 17.373        |
| NVNT      | n20  | 2437            | Ant1    | 17.37         |
| NVNT      | n20  | 2462            | Ant1    | 17.365        |
| NVNT      | n40  | 2422            | Ant1    | 32.596        |
| NVNT      | n40  | 2437            | Ant1    | 32.683        |
| NVNT      | n40  | 2452            | Ant1    | 32.773        |
| NVNT      | ax20 | 2412            | Ant1    | 18.247        |
| NVNT      | ax20 | 2437            | Ant1    | 18.29         |
| NVNT      | ax20 | 2462            | Ant1    | 18.249        |

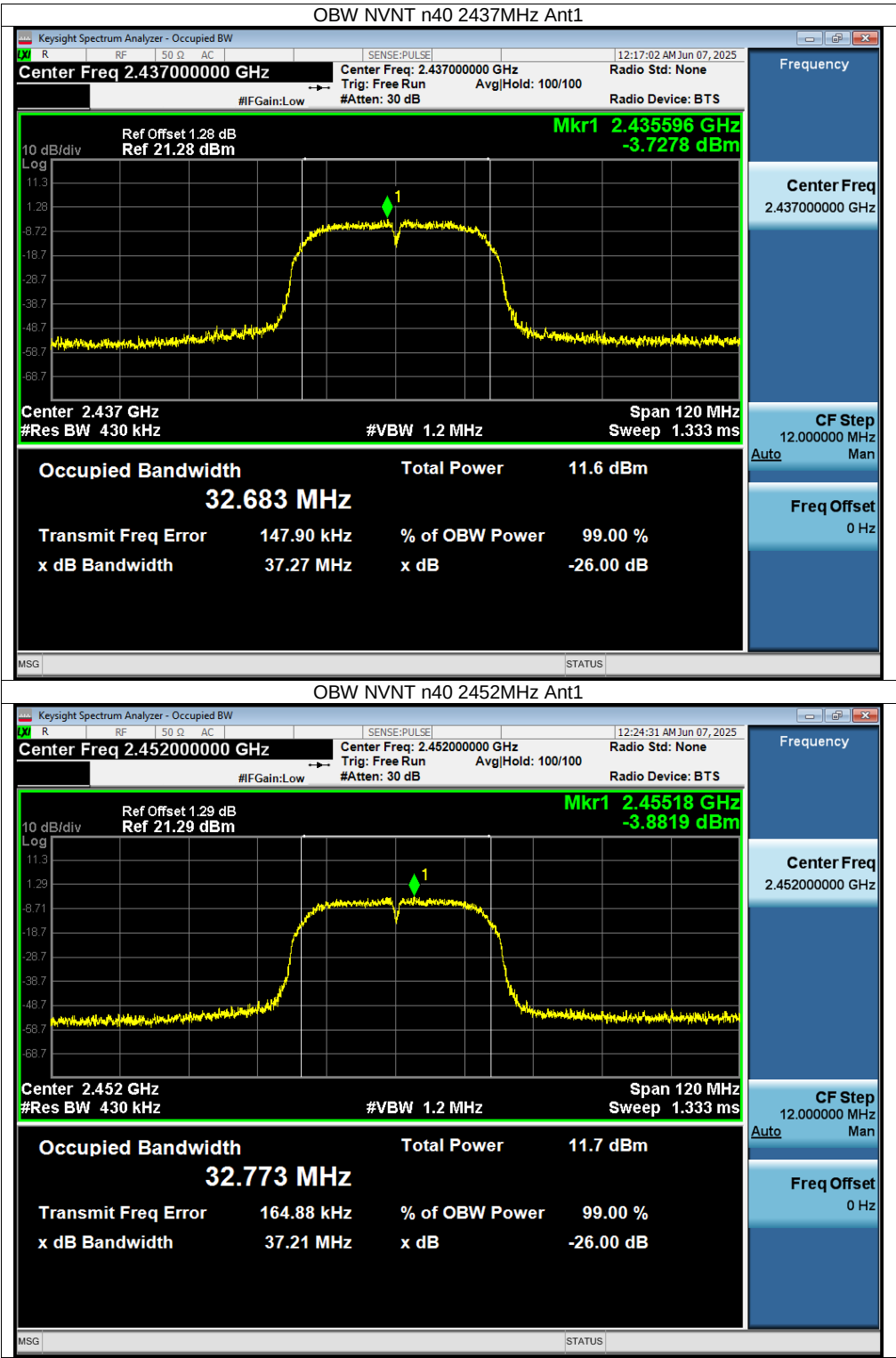












MSG

STATUS

Frequency

Center Freq

2.437000000 GHz

CF Step

12.000000 MHz

Auto

Man

Freq Offset

0 Hz

OBW NVNT n40 2452MHz Ant1

Keysight Spectrum Analyzer - Occupied BW

R

RF

50 Q

AC

SENSE:PULSE

12:24:31 AM Jun 07, 2025

Center Freq 2.452000000 GHz

Center Freq: 2.452000000 GHz

Radio Std: None

#FGain:Low

Trig: Free Run

Avg|Hold: 100/100

Radio Device: BTS

Ref Offset 1.29 dB

Ref 21.29 dBm

Mkr1 2.45518 GHz

-3.8819 dBm

Center 2.452 GHz

#Res BW 430 kHz

#VBW 1.2 MHz

Span 120 MHz

Sweep 1.333 ms

Occupied Bandwidth

Total Power

11.7 dBm

32.773 MHz

Transmit Freq Error

164.88 kHz

% of OBW Power

99.00 %

x dB Bandwidth

37.21 MHz

x dB

-26.00 dB

MSG

STATUS

Frequency

Center Freq

2.452000000 GHz

CF Step

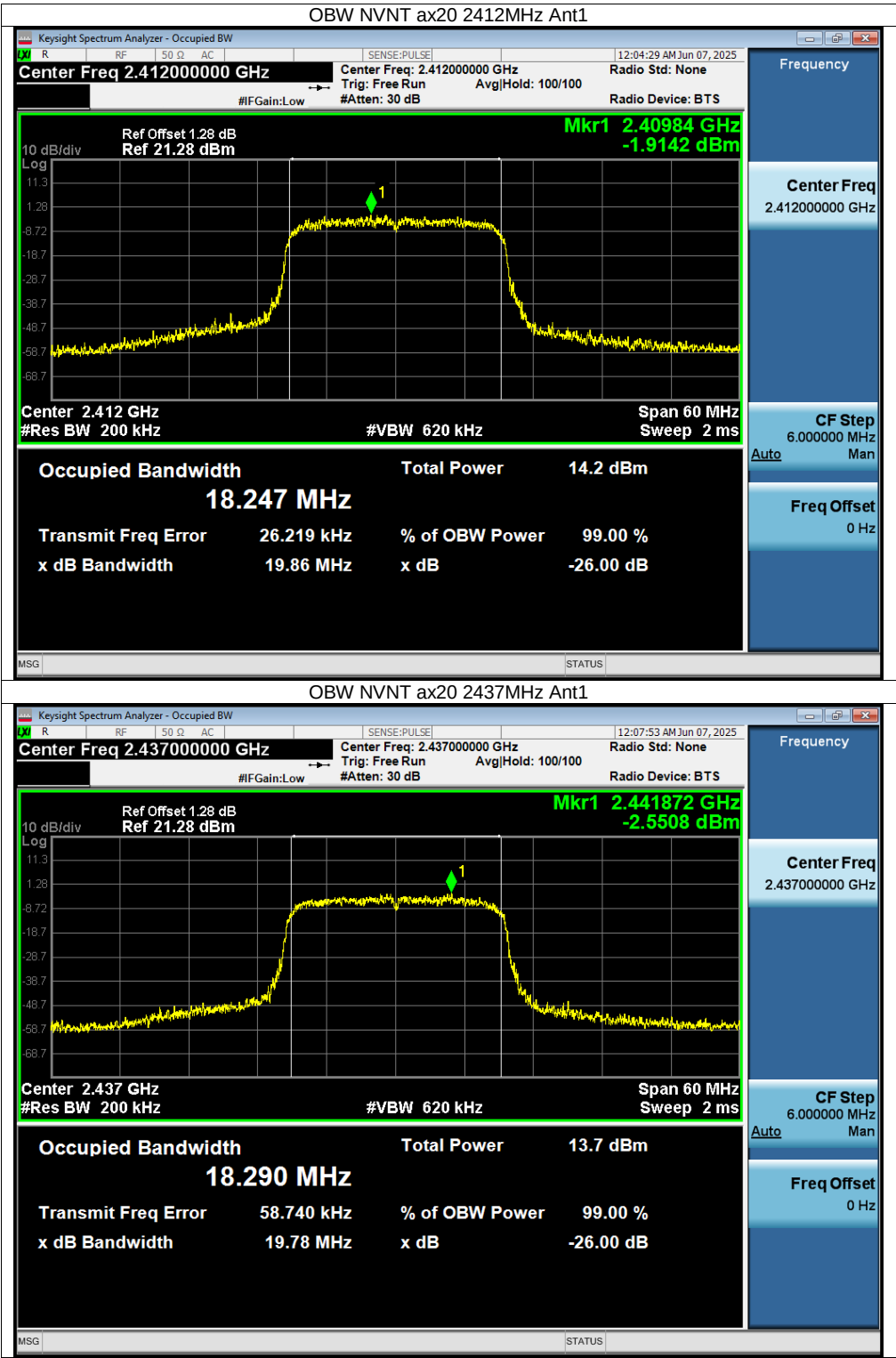
12.000000 MHz

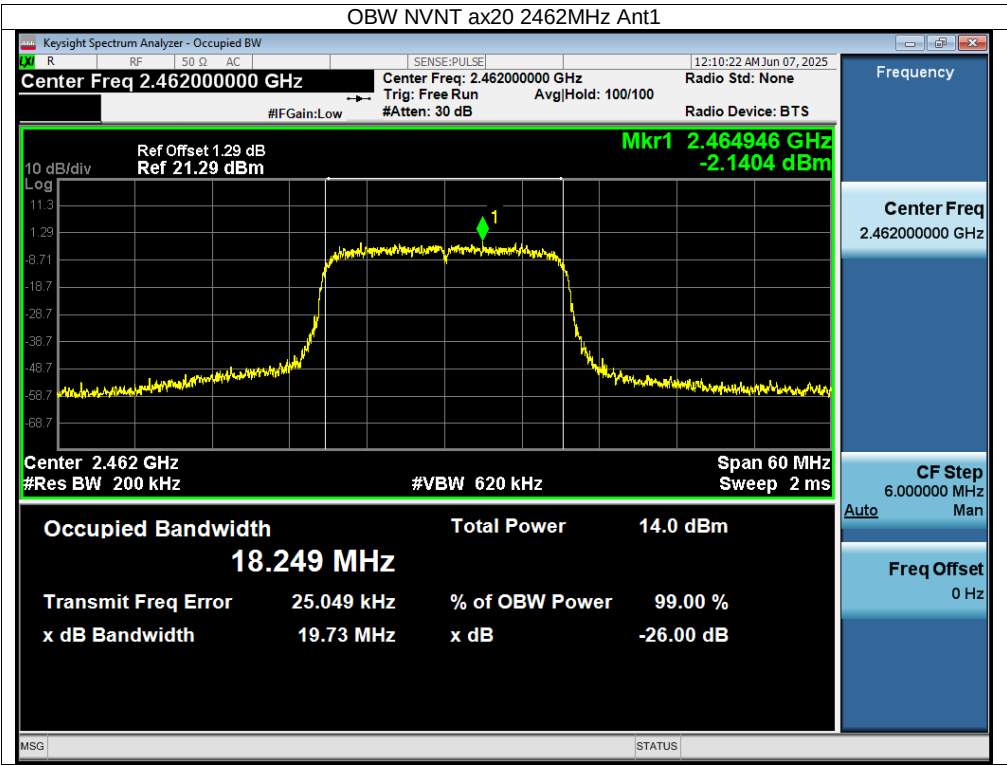
Auto

Man

Freq Offset

0 Hz



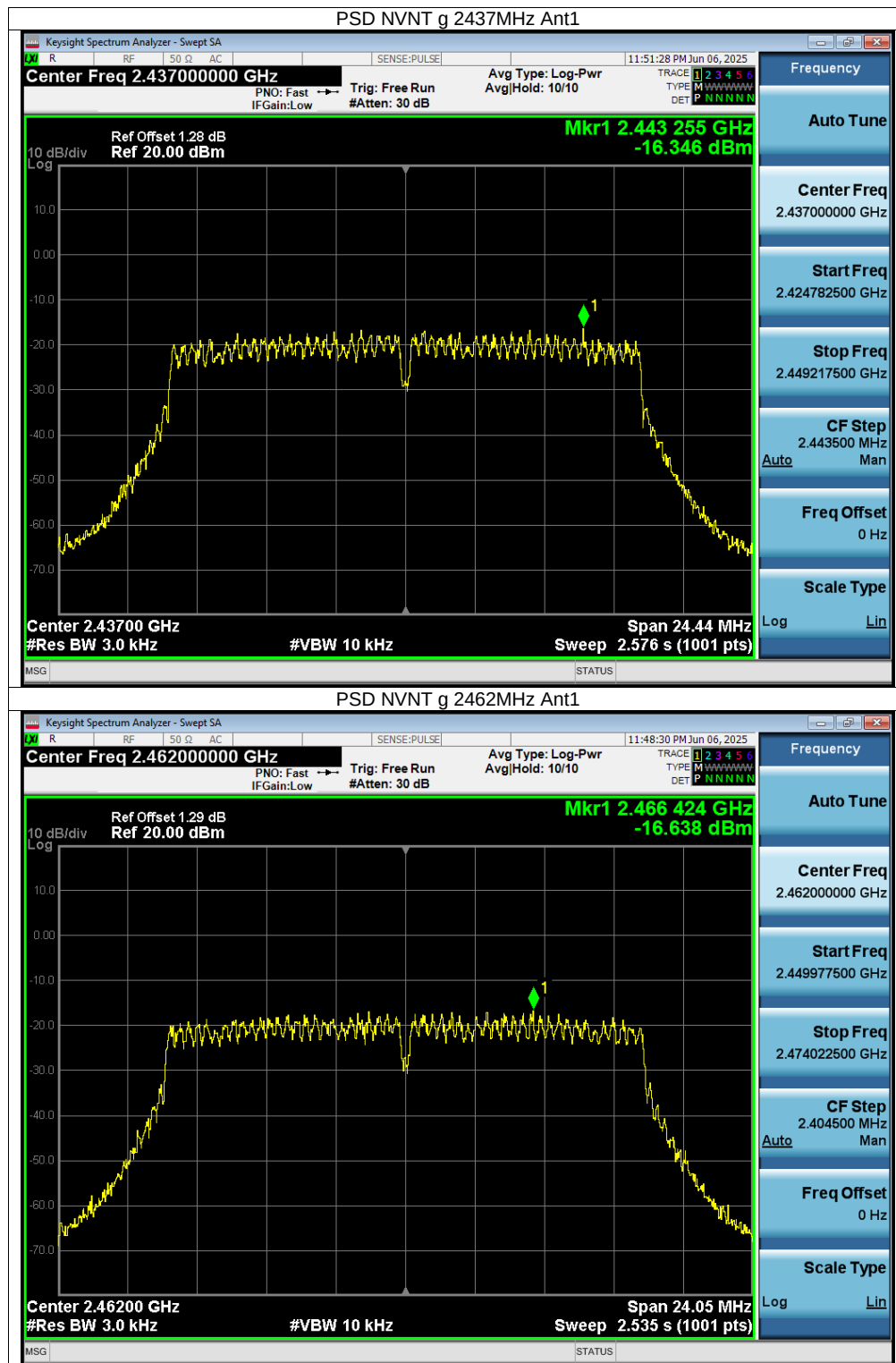


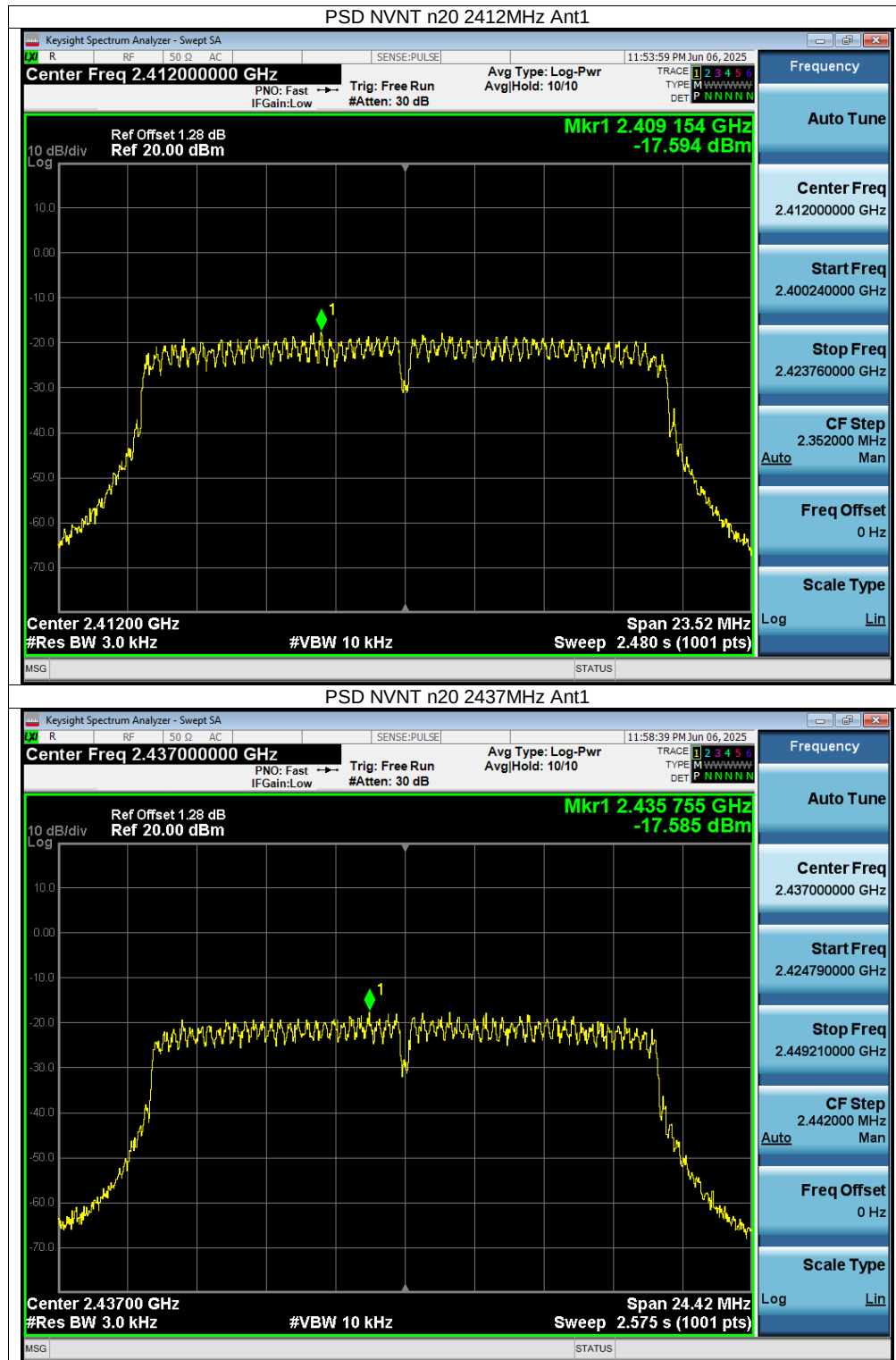
## Maximum Power Spectral Density Level

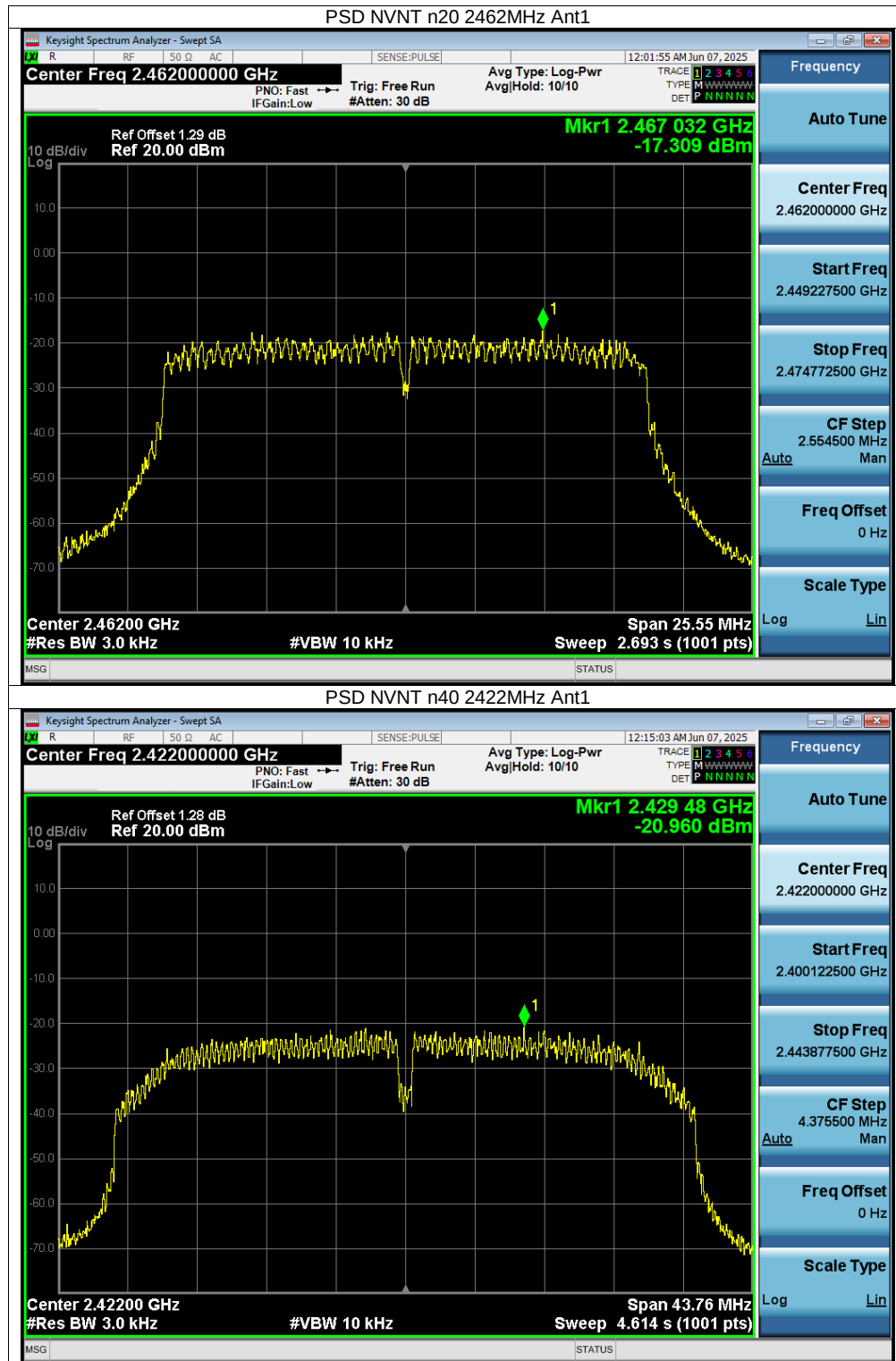
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -12.28                   | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -11.66                   | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -12.02                   | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -16.3                    | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -16.35                   | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -16.64                   | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -17.59                   | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -17.59                   | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -17.31                   | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -20.96                   | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -20.54                   | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -20.62                   | 8                | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | -18.47                   | 8                | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | -17.5                    | 8                | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | -17.89                   | 8                | Pass    |

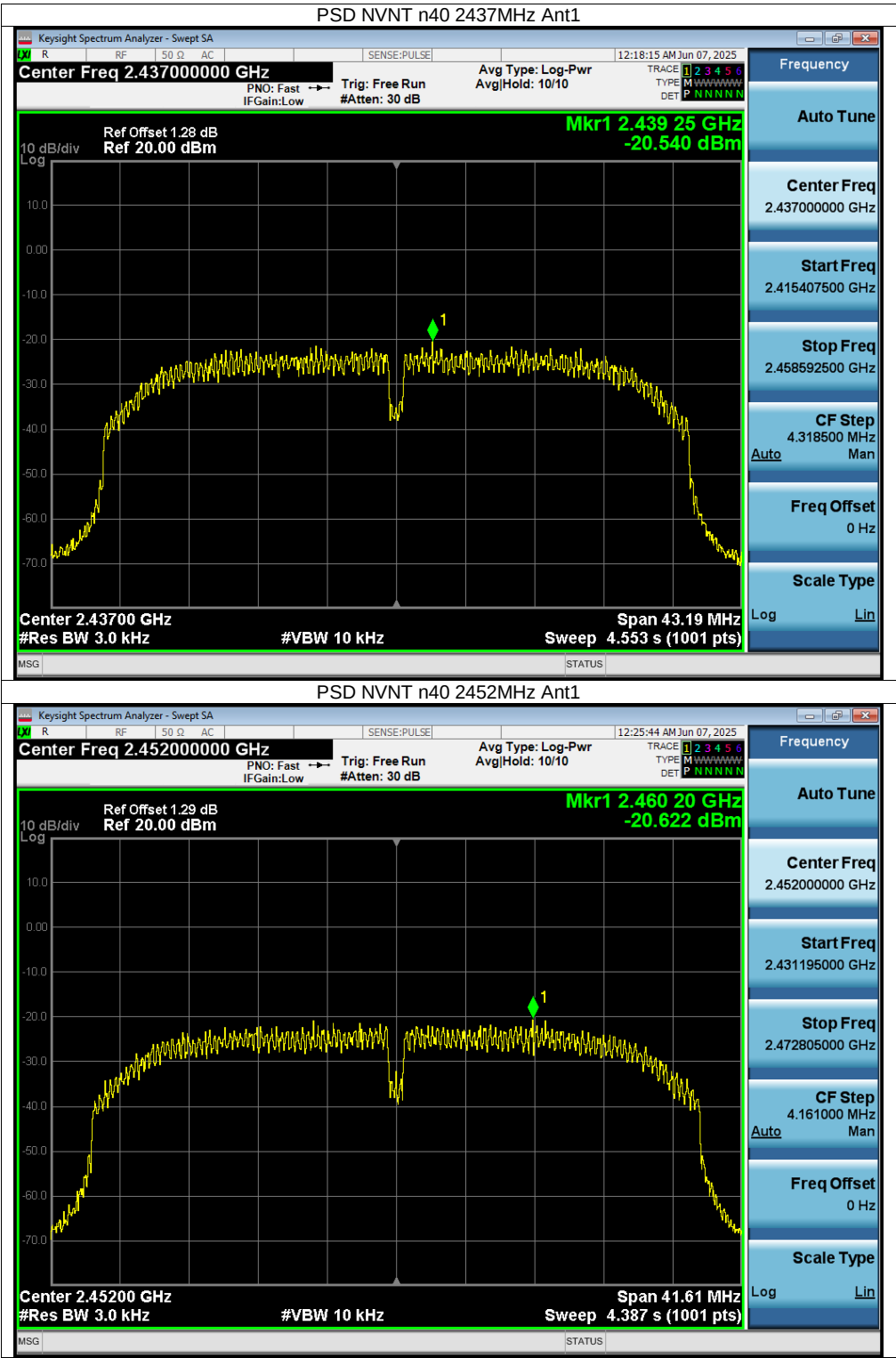




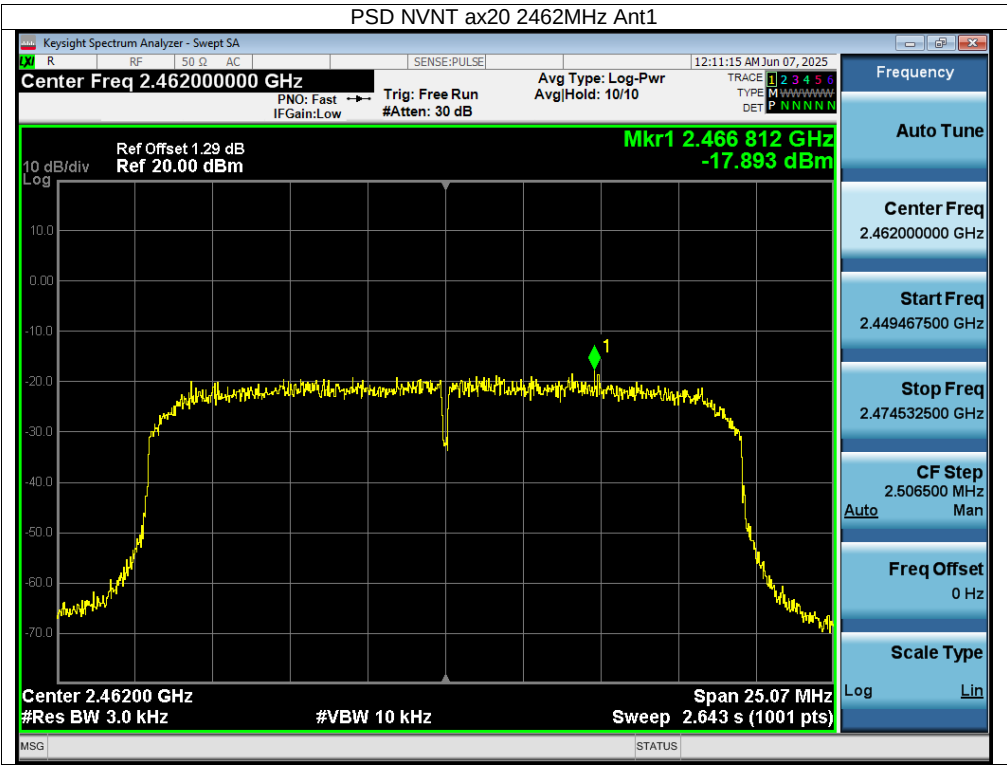






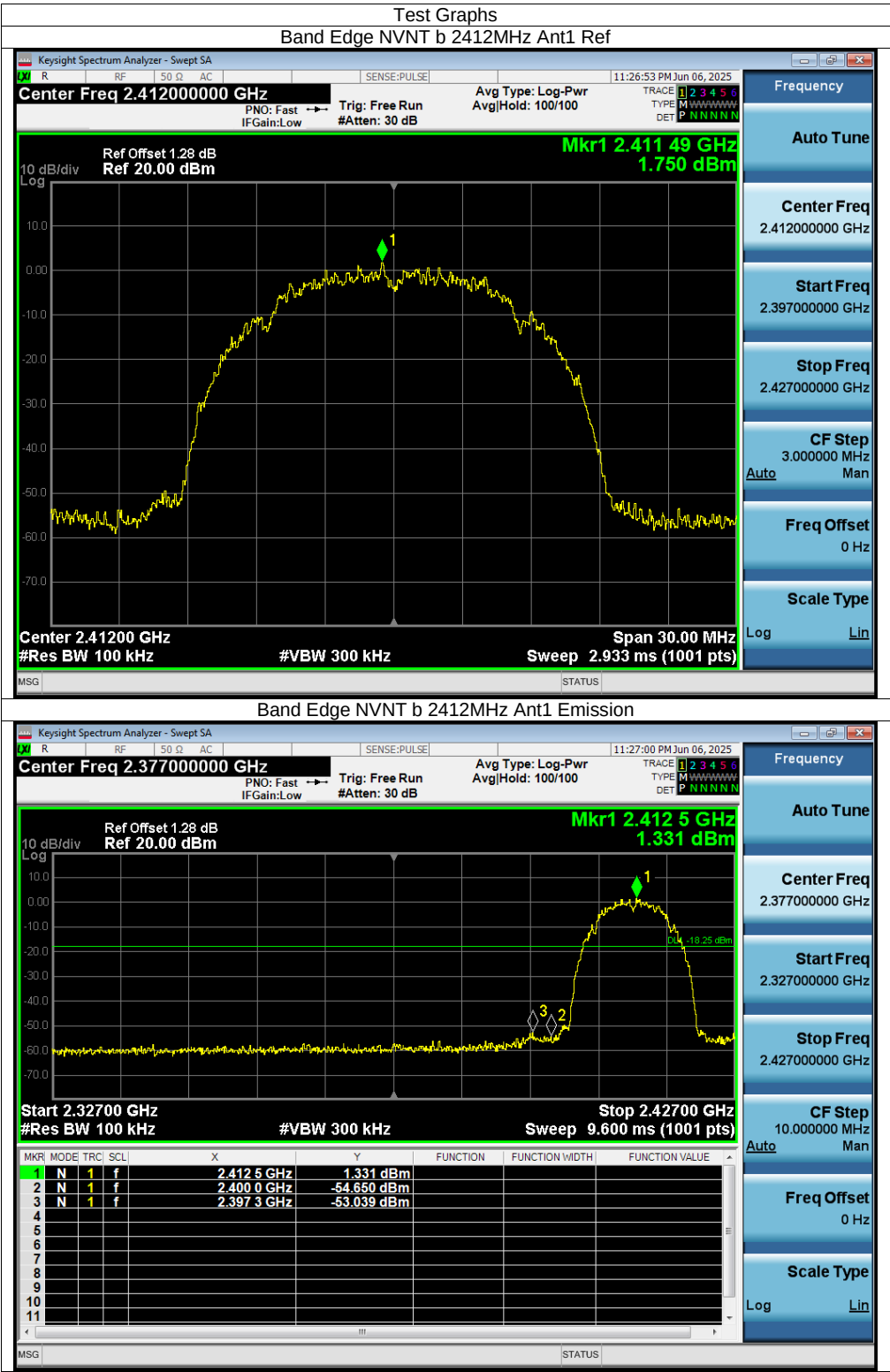


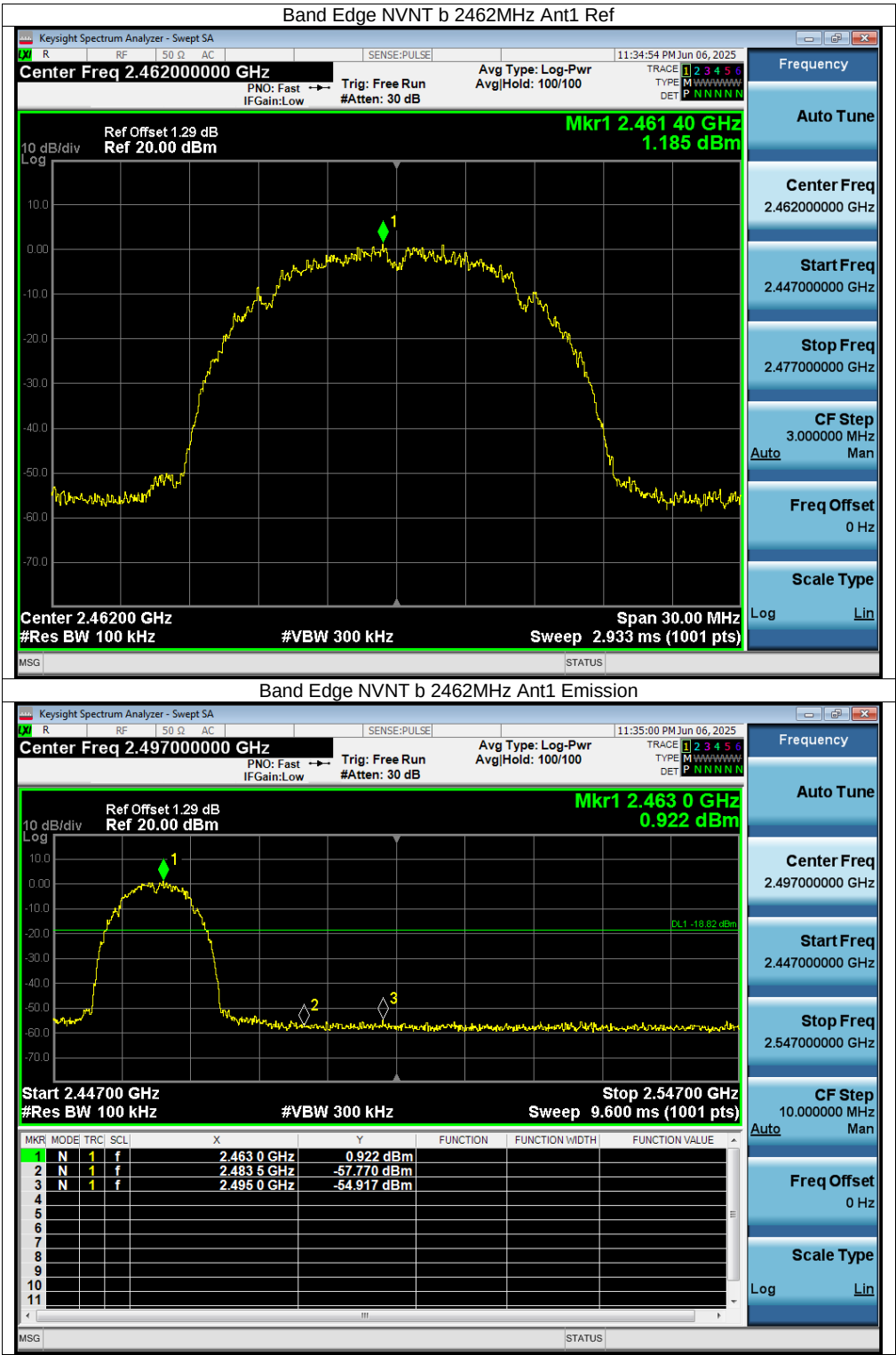


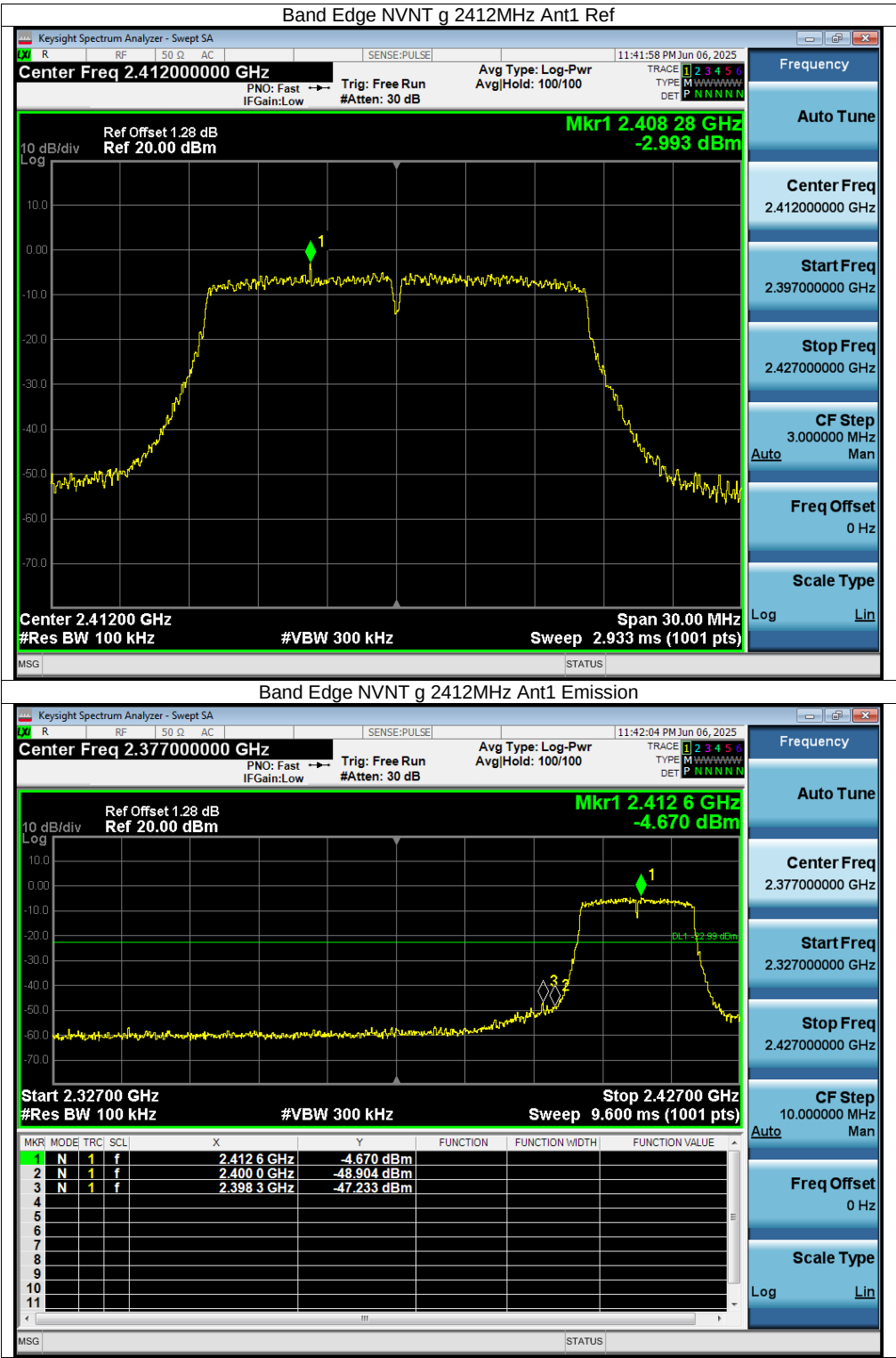


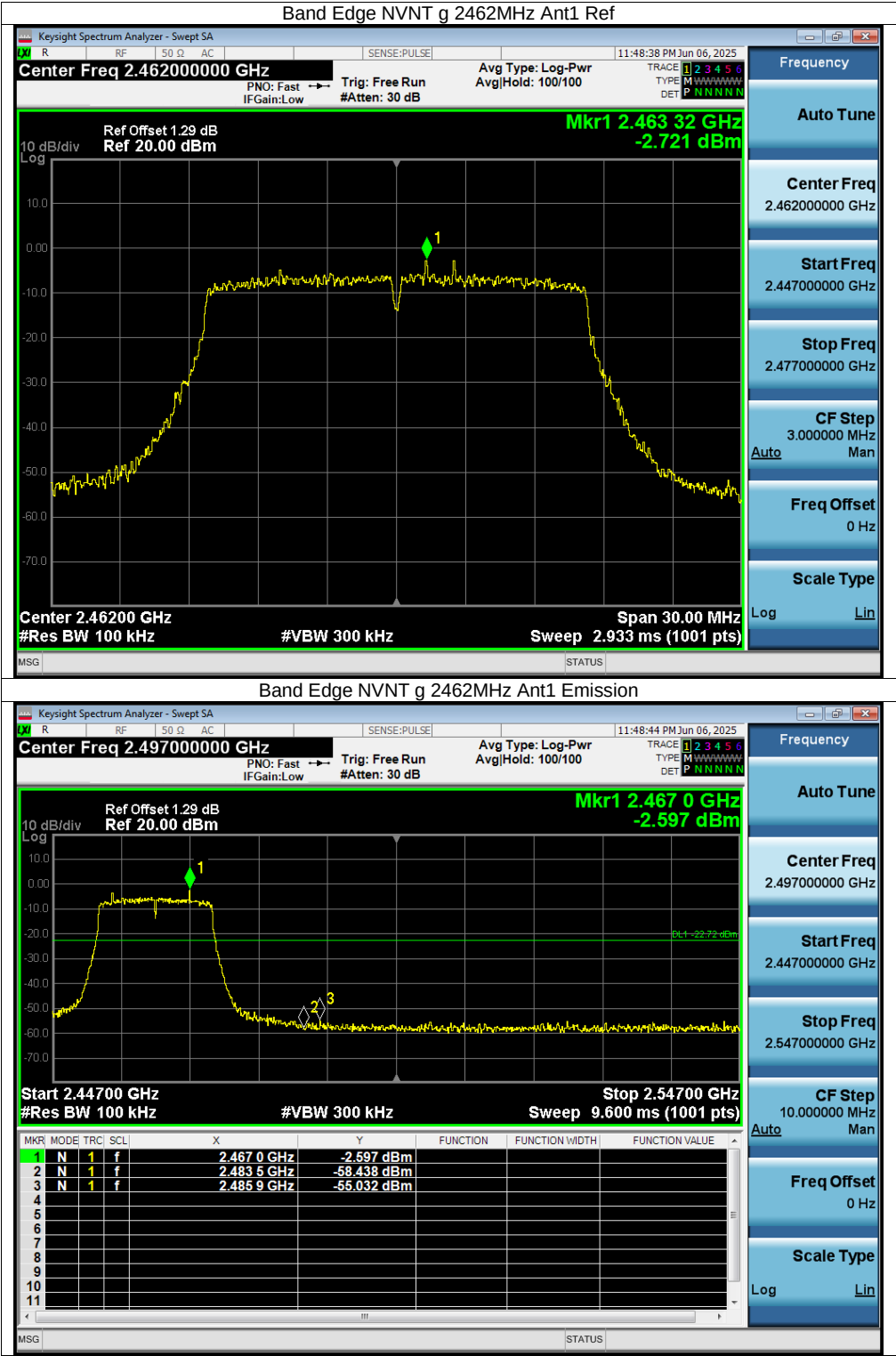
## Band Edge

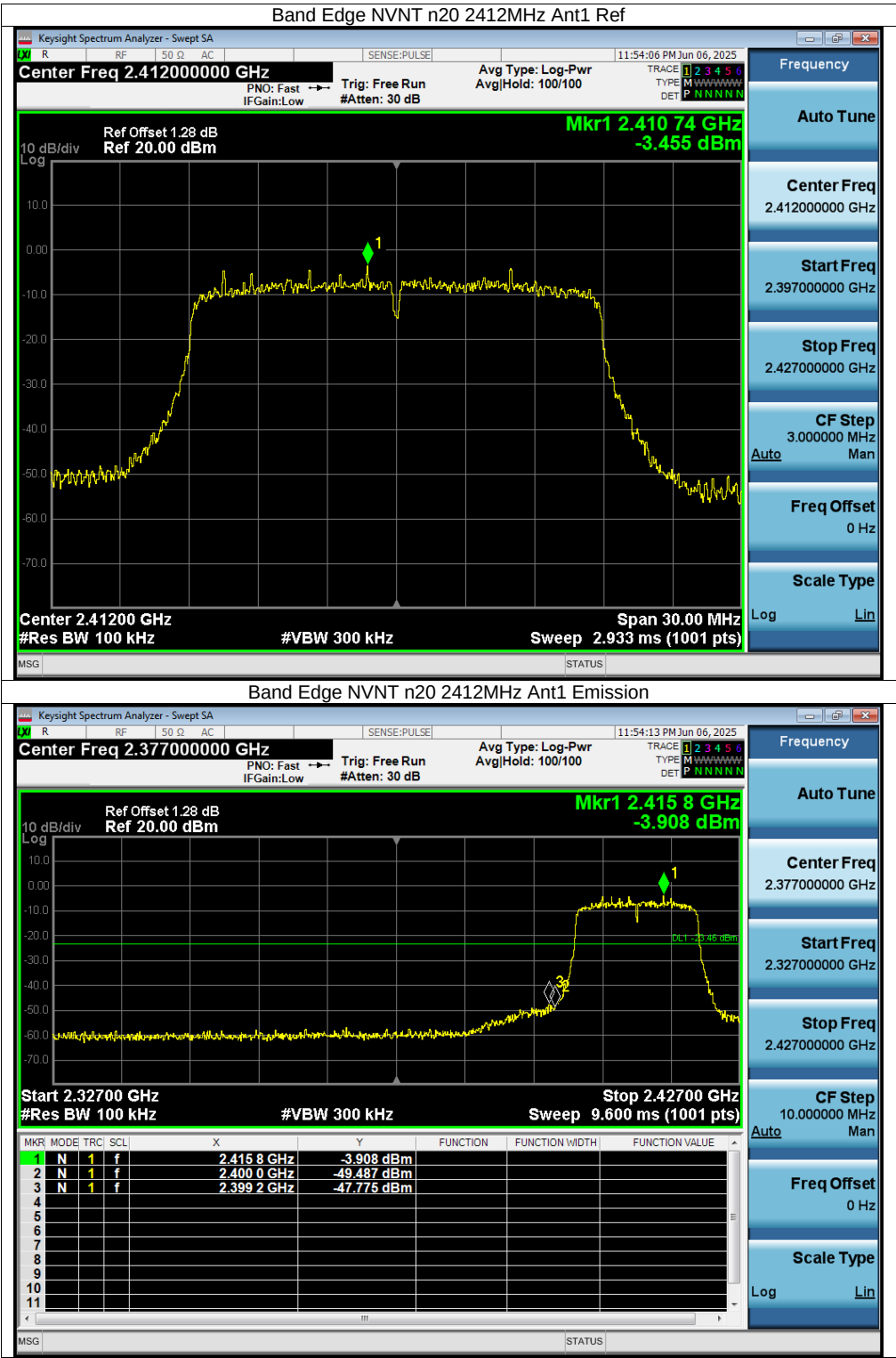
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -54.79          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -56.11          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -44.24          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -52.31          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -44.32          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -52.65          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -45.81          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -48.63          | -20         | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | -43.81          | -20         | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | -51.09          | -20         | Pass    |



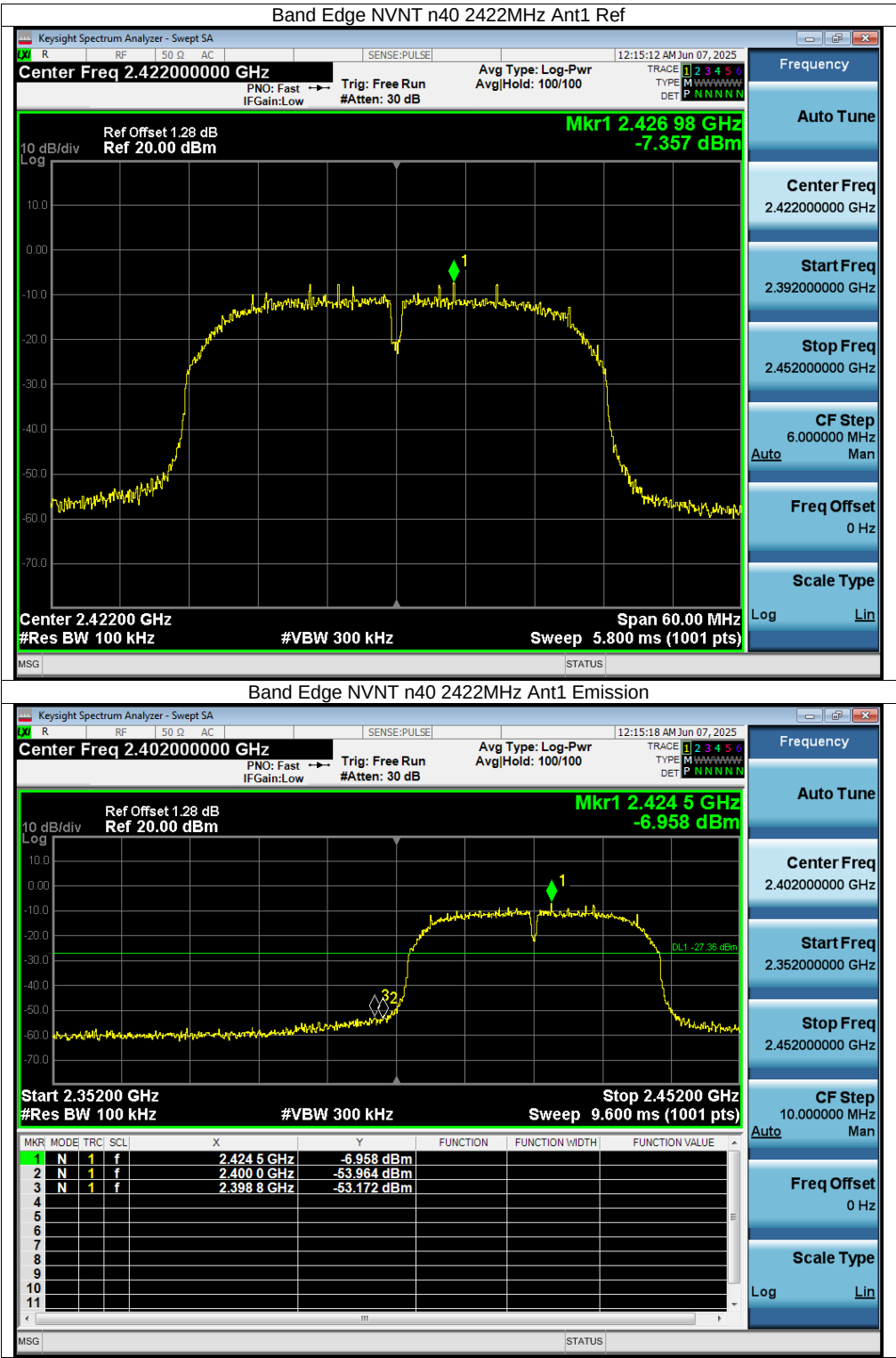


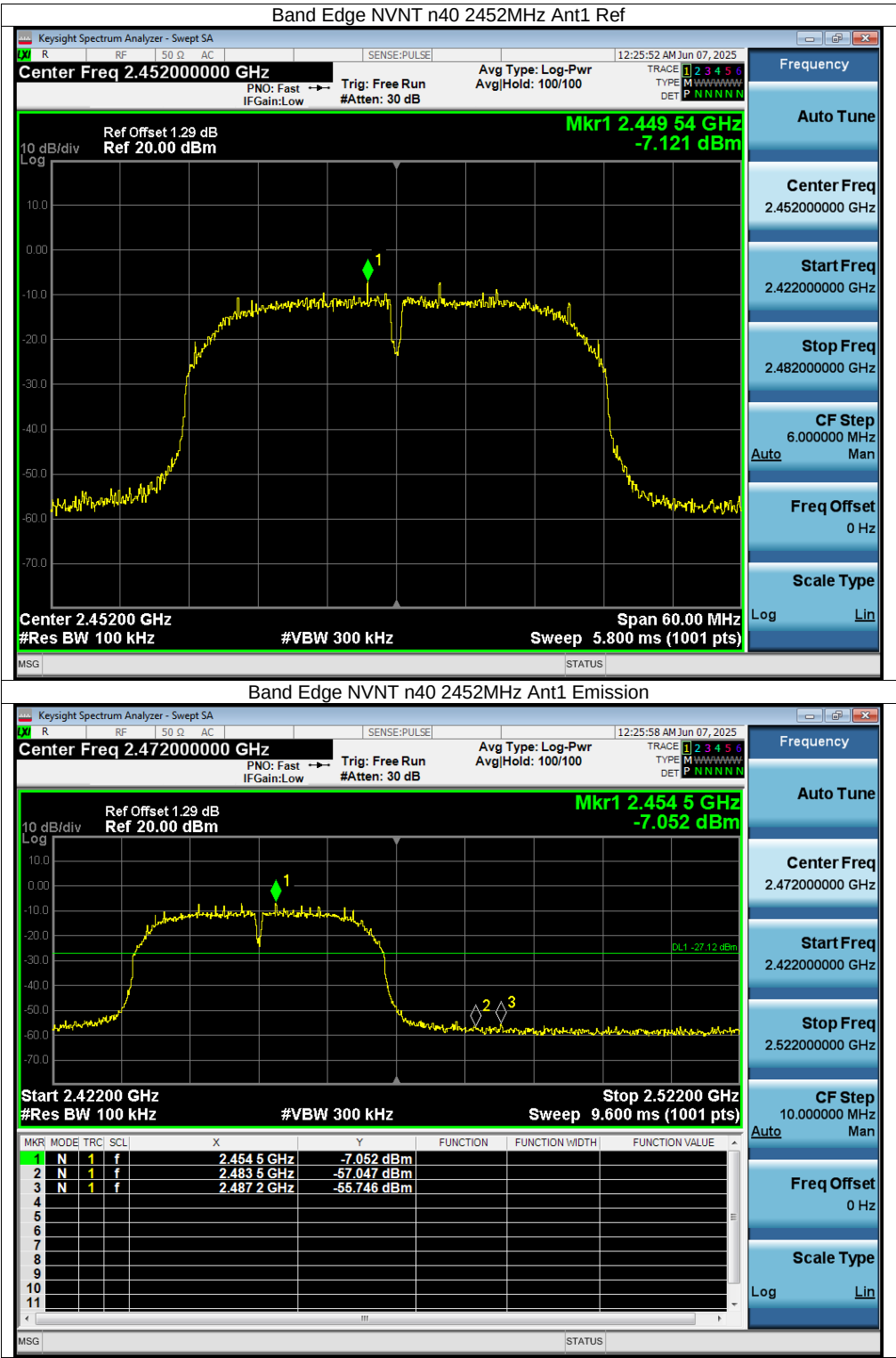


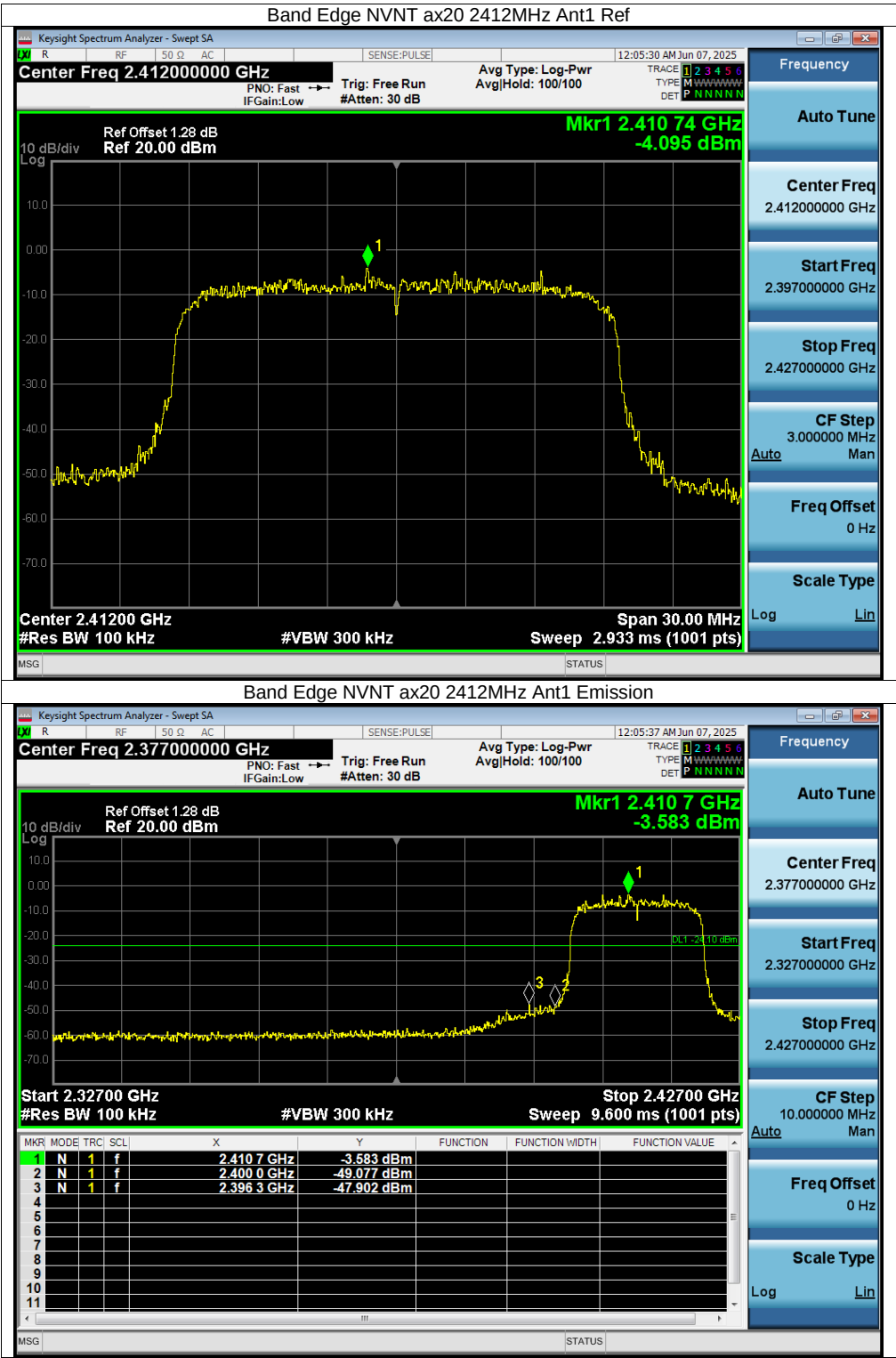


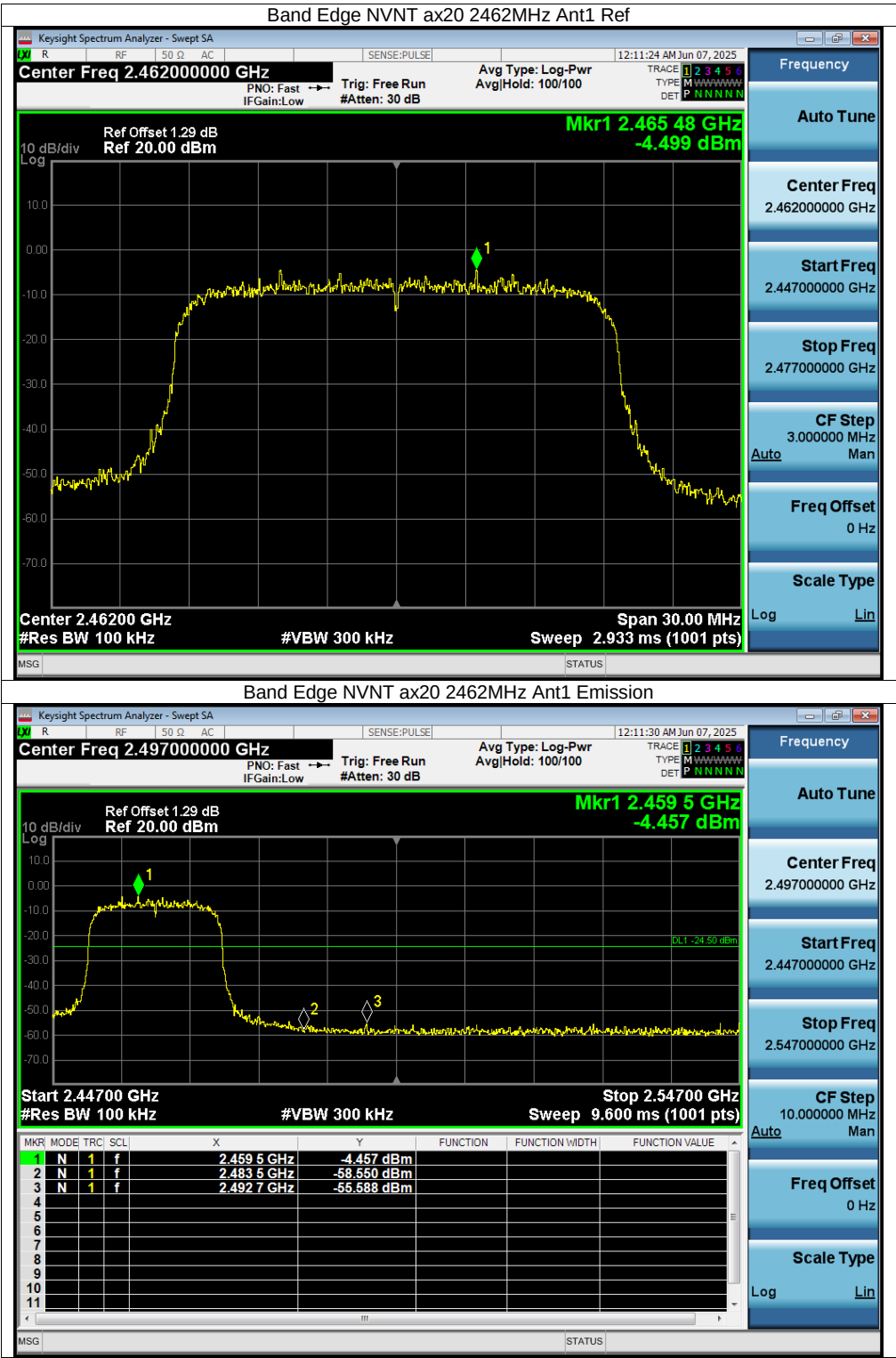






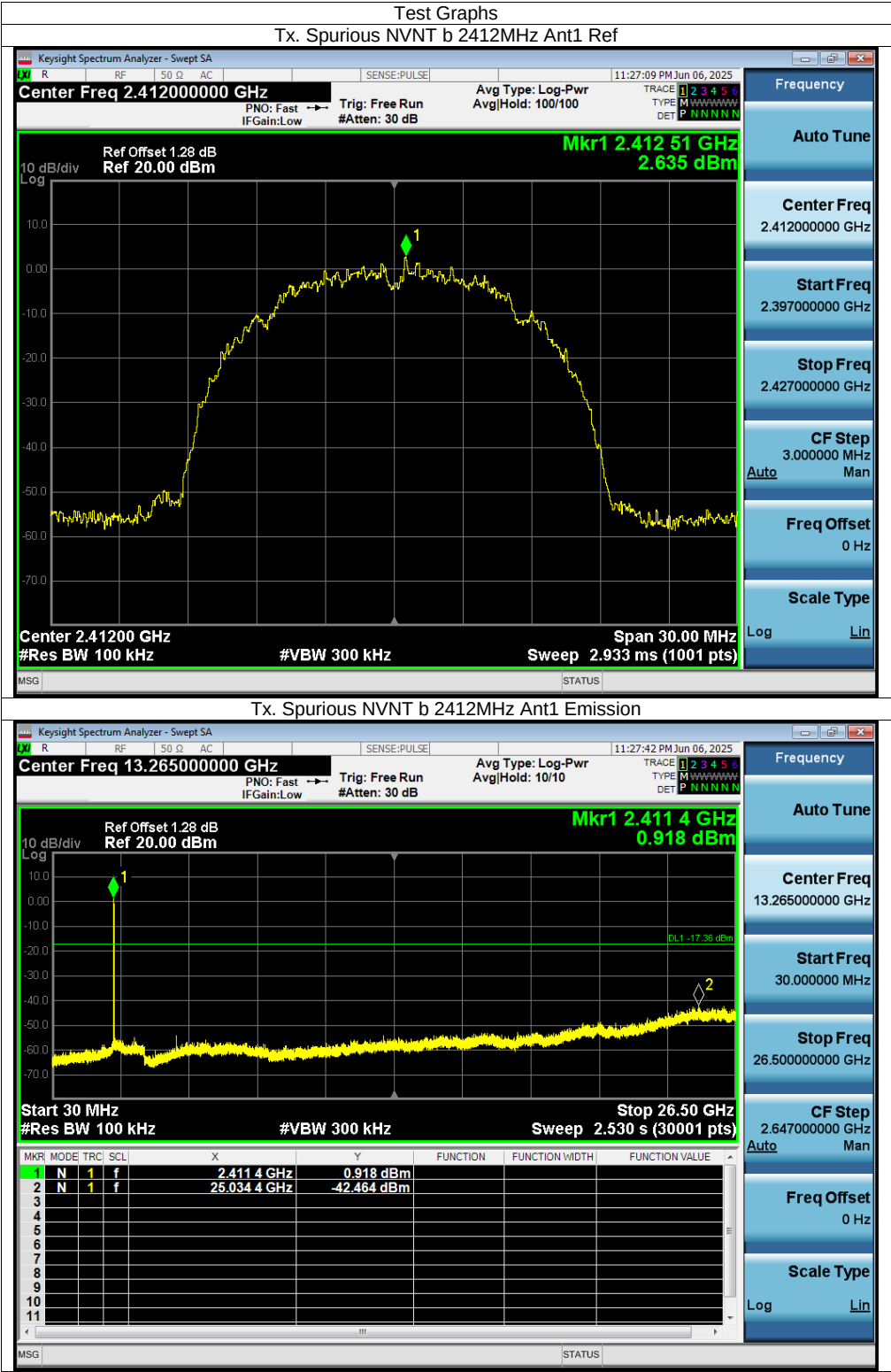


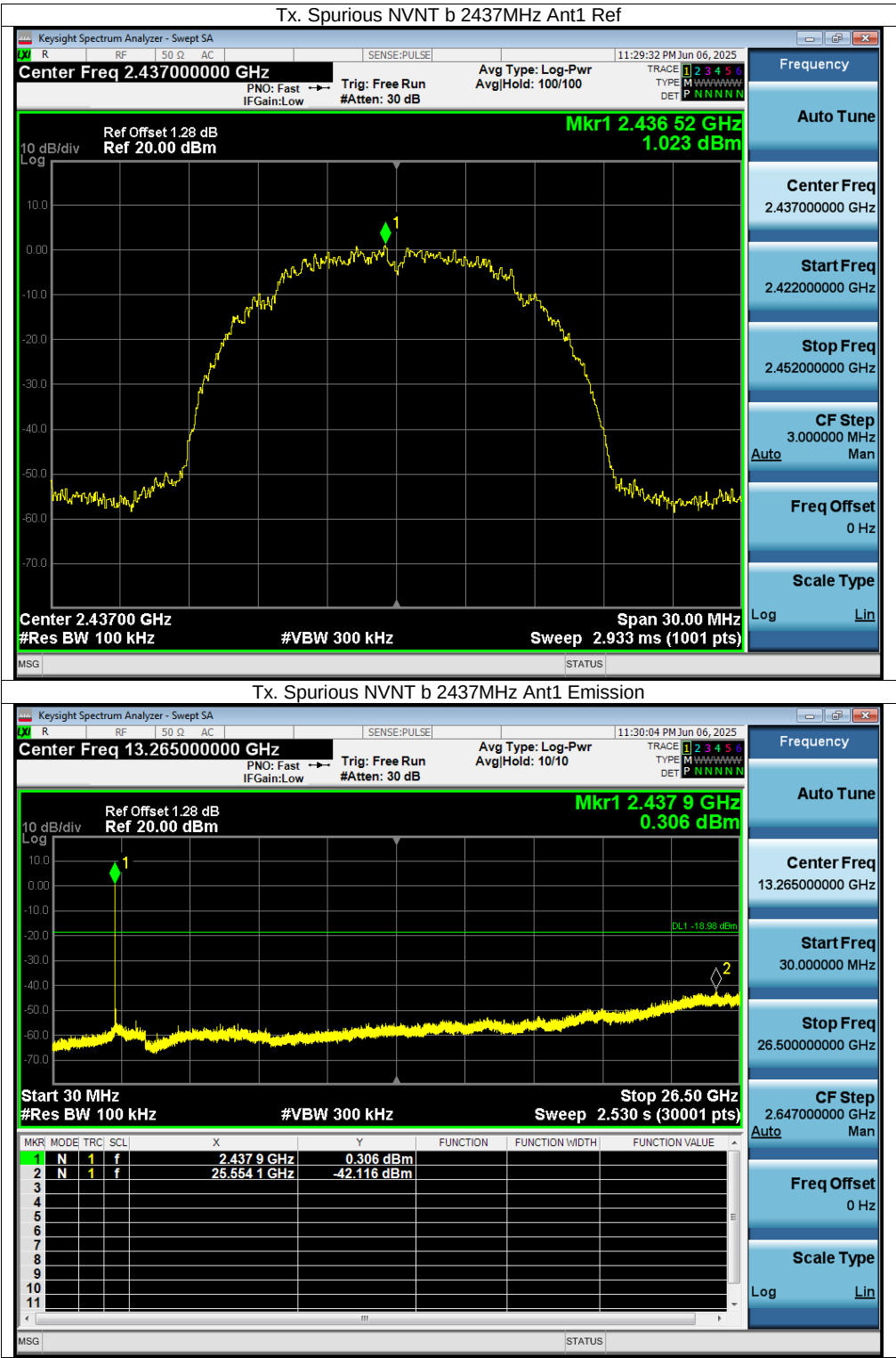


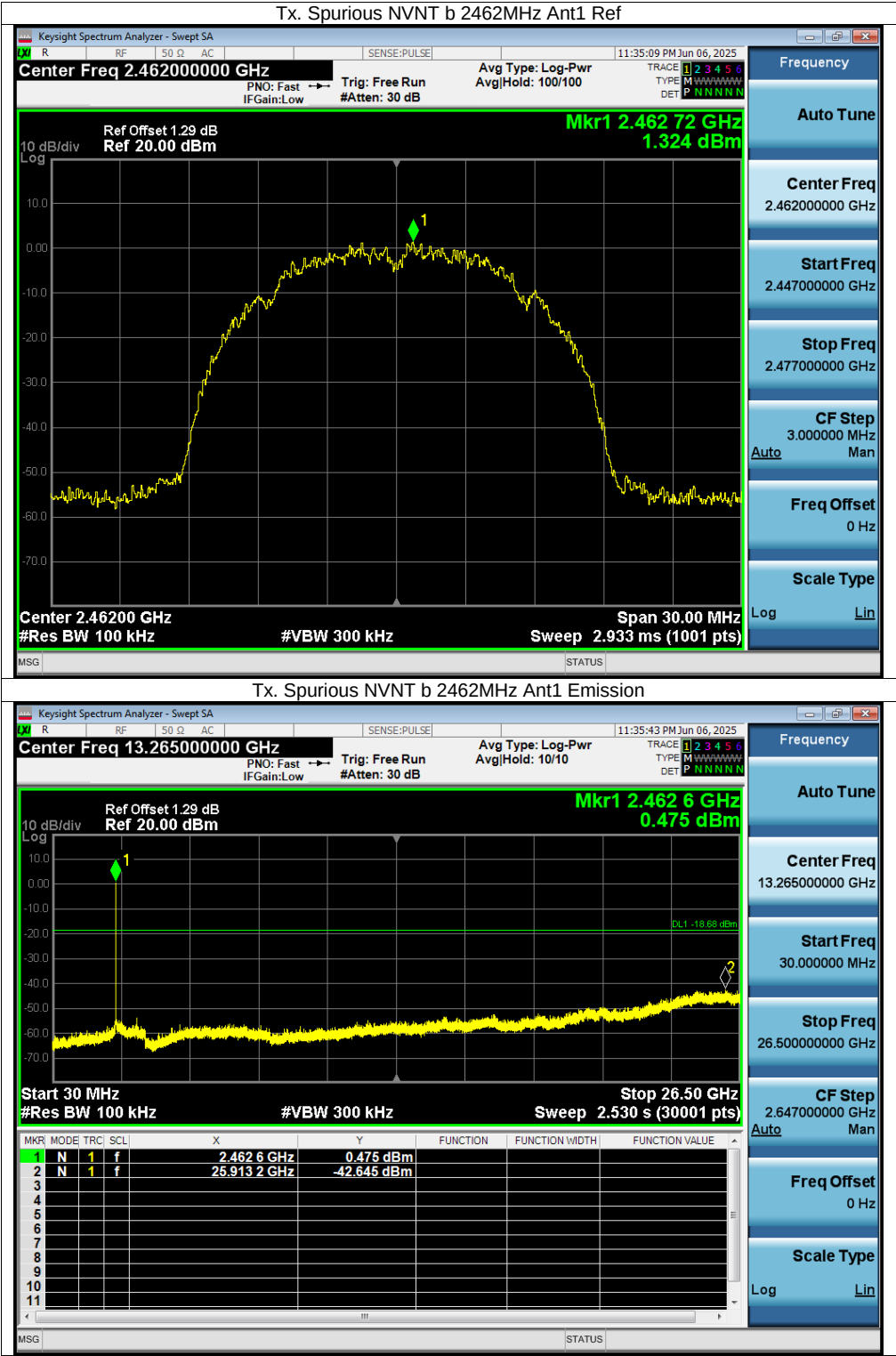


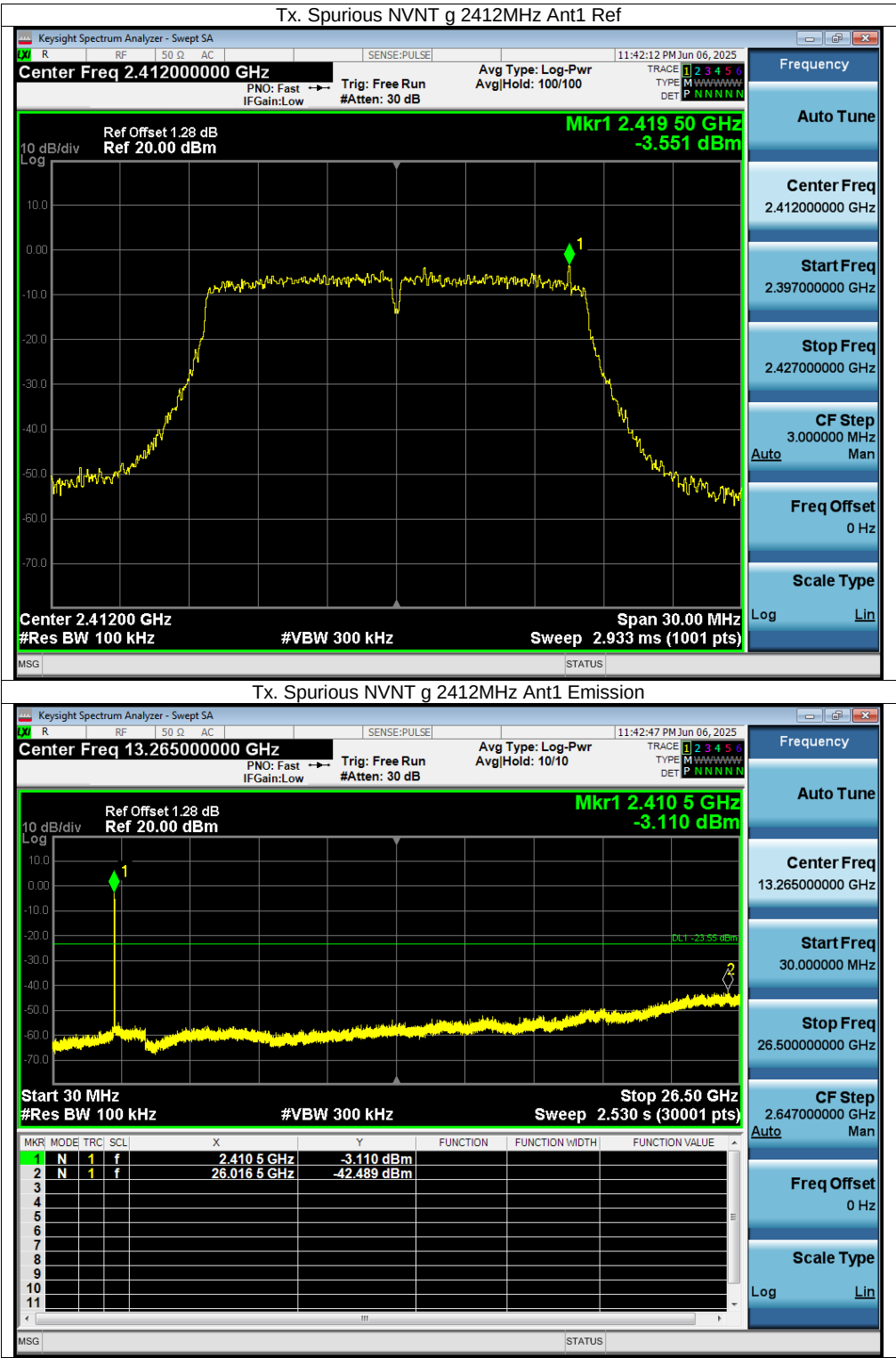
## Conducted RF Spurious Emission

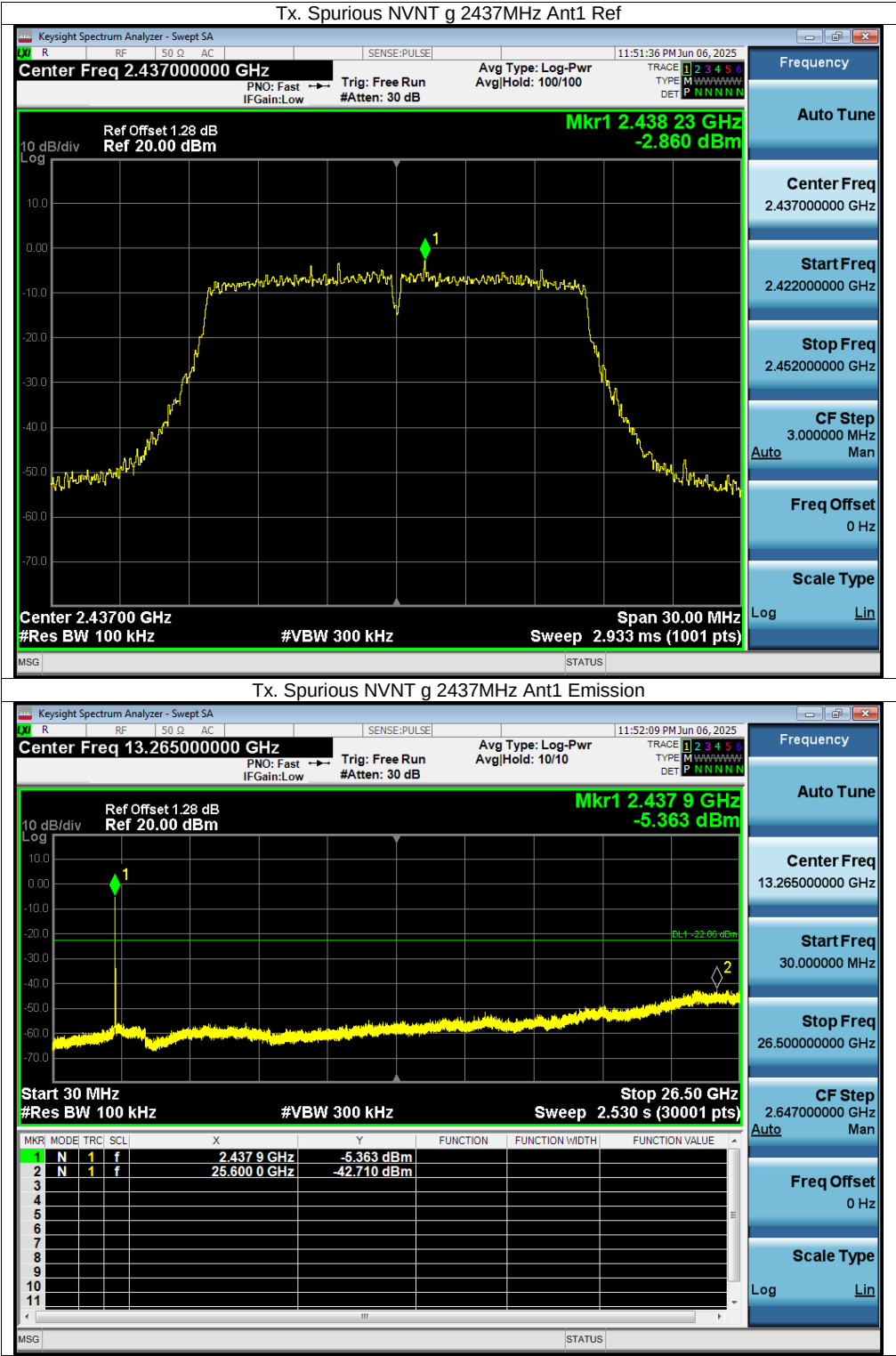
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -45.1           | -20         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -43.14          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -43.96          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -38.94          | -20         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -39.85          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -40.09          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -38.69          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -38.77          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -38.11          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -34.44          | -20         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -34.3           | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -35.28          | -20         | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | -38.57          | -20         | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | -38.1           | -20         | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | -39.04          | -20         | Pass    |

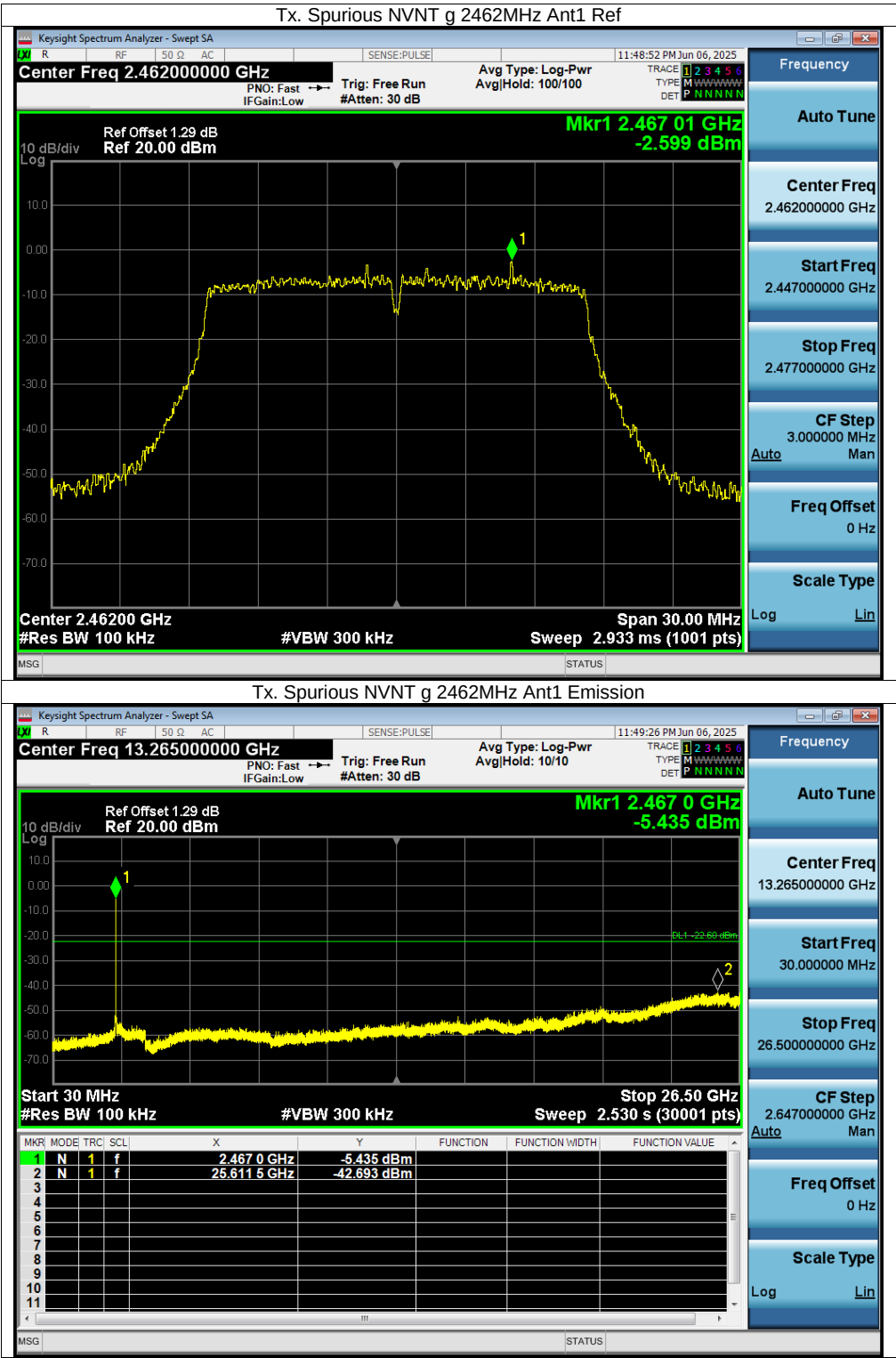


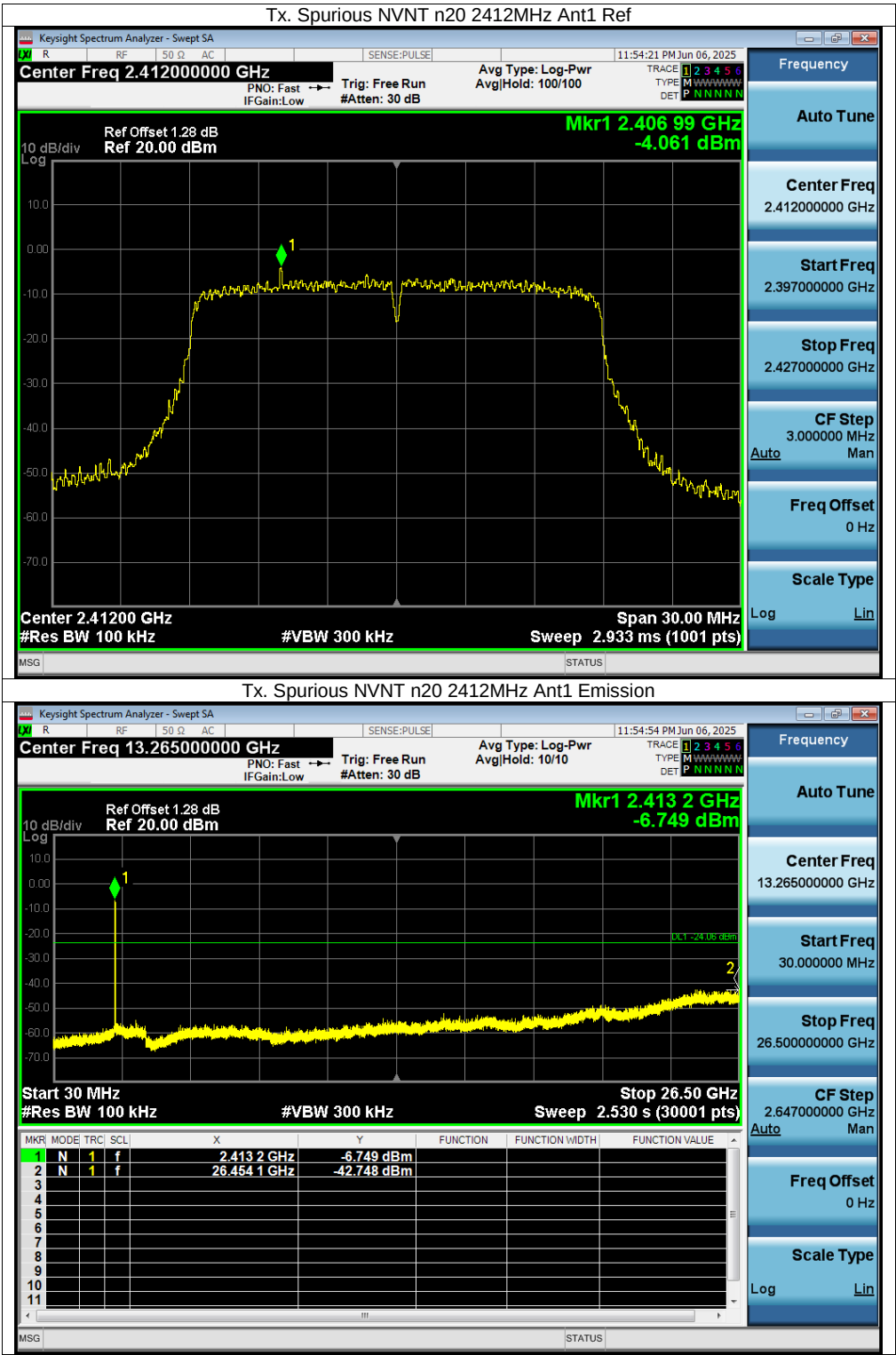


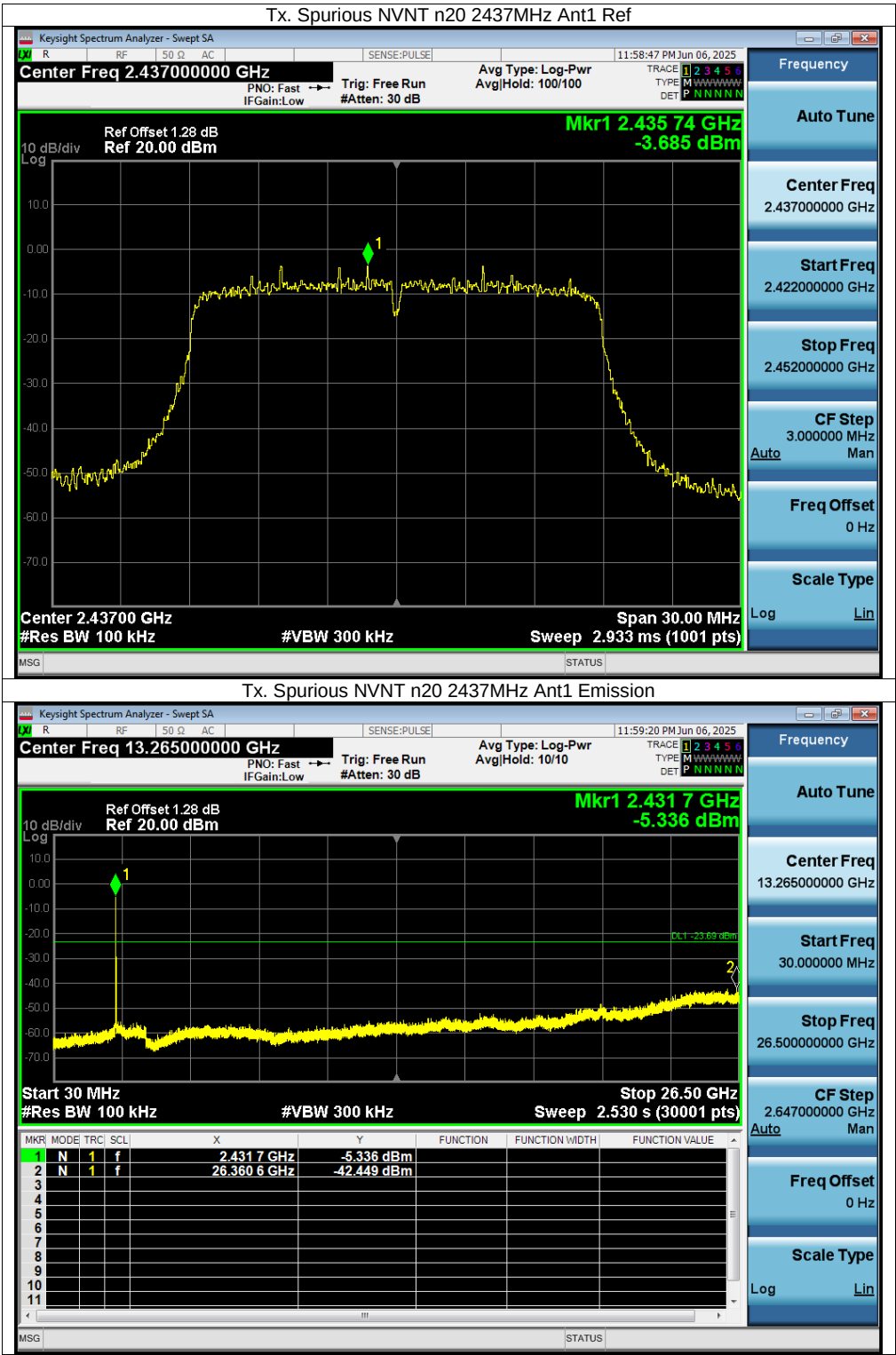


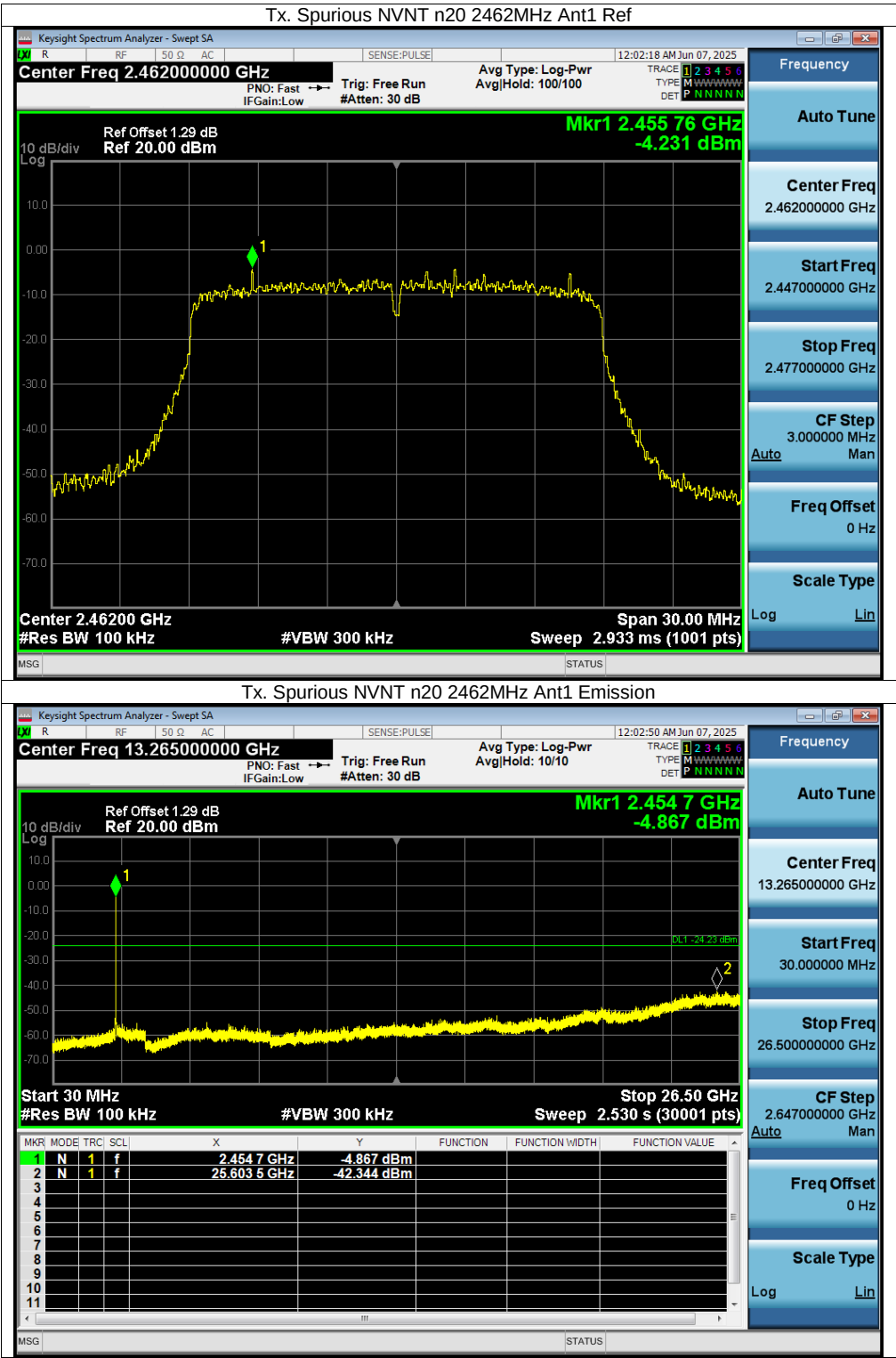


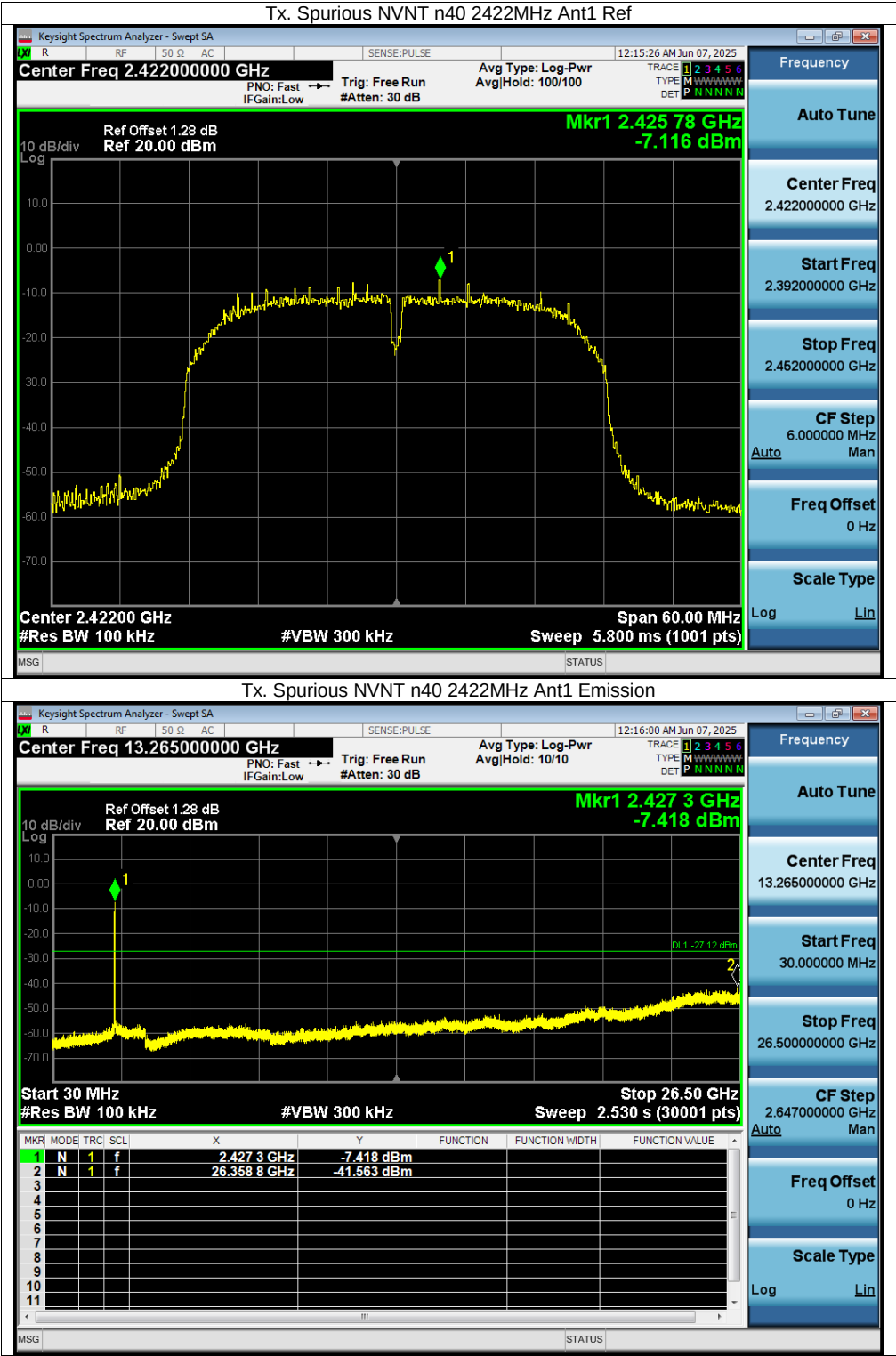


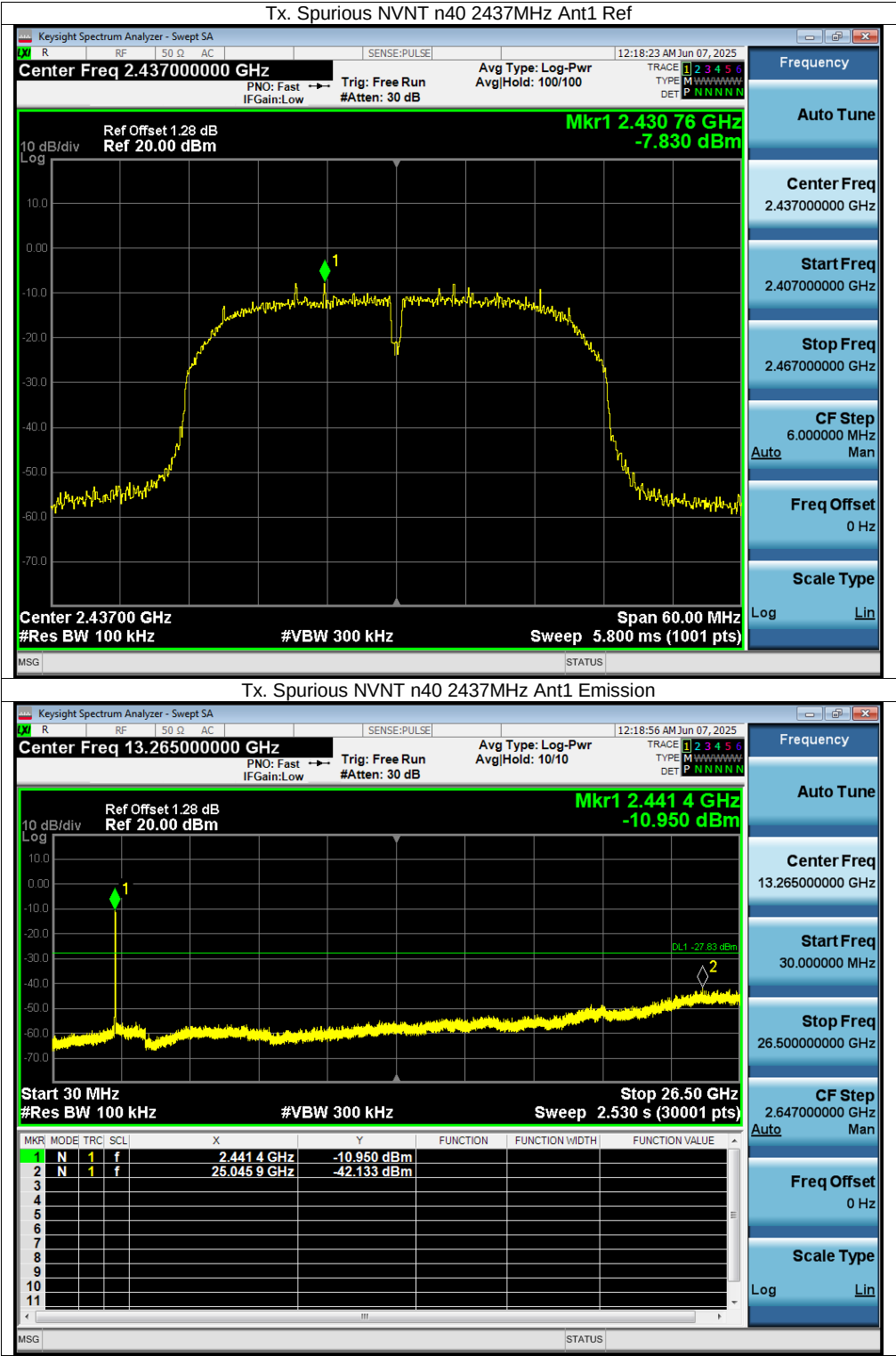


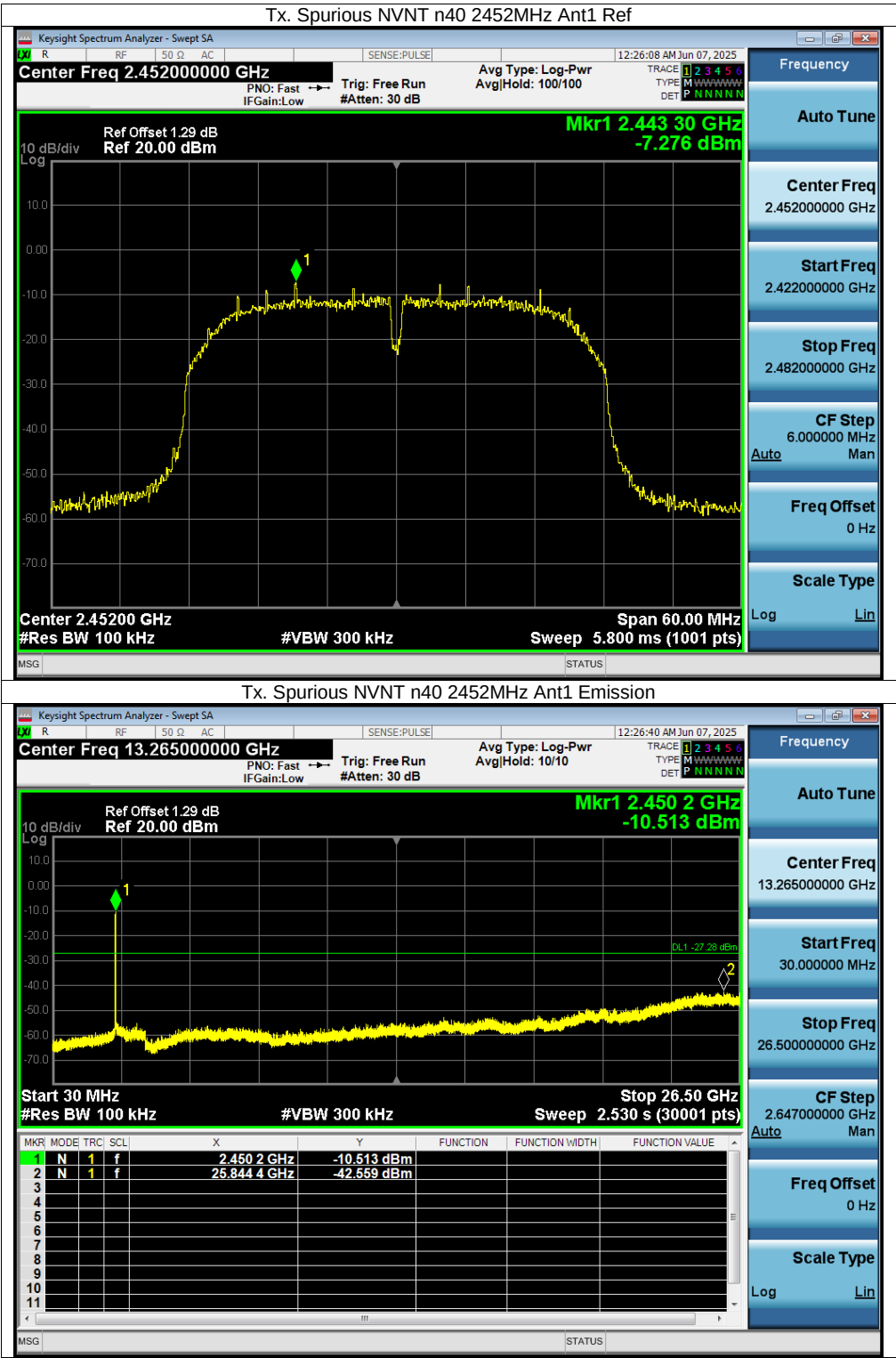


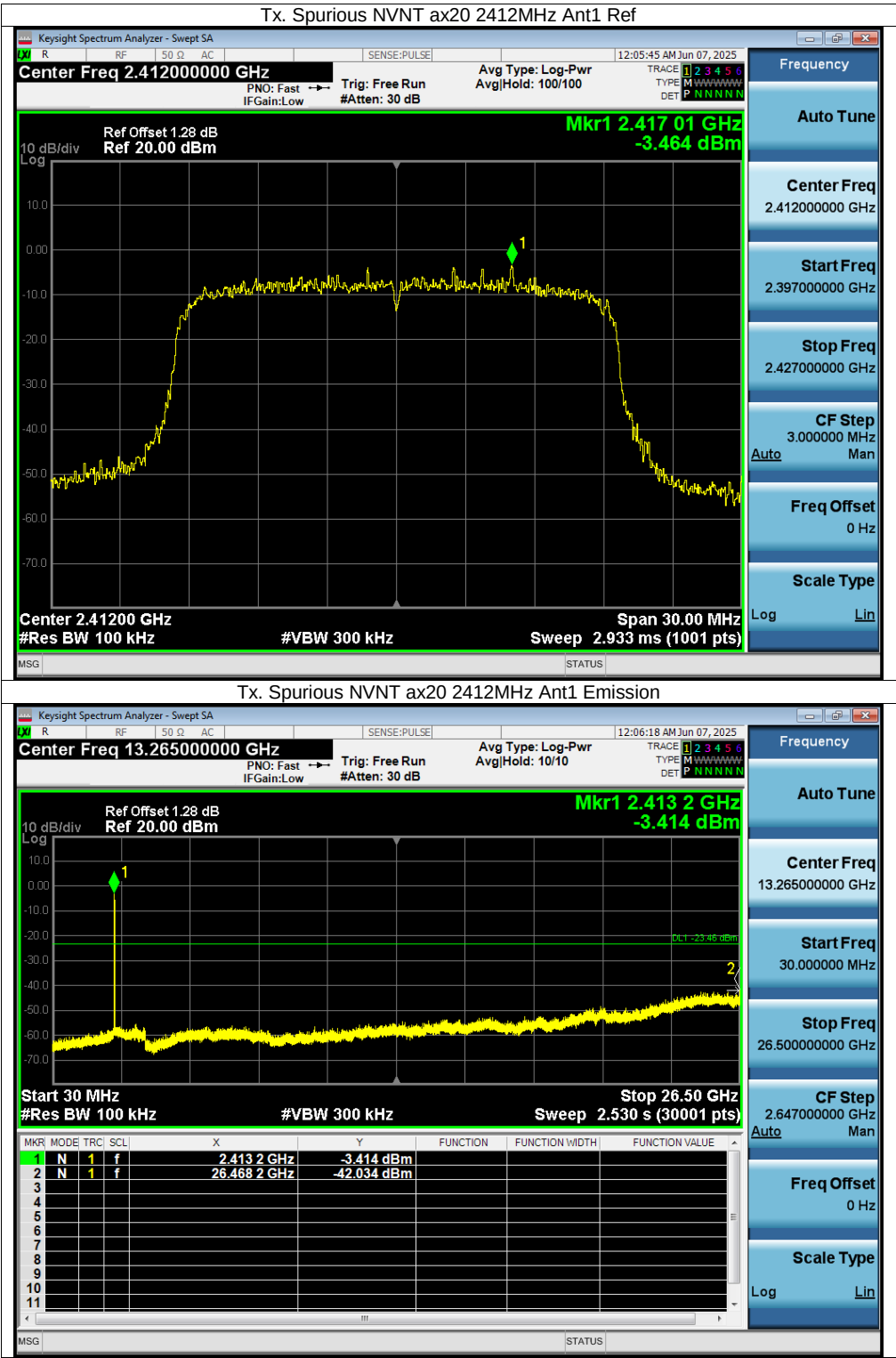


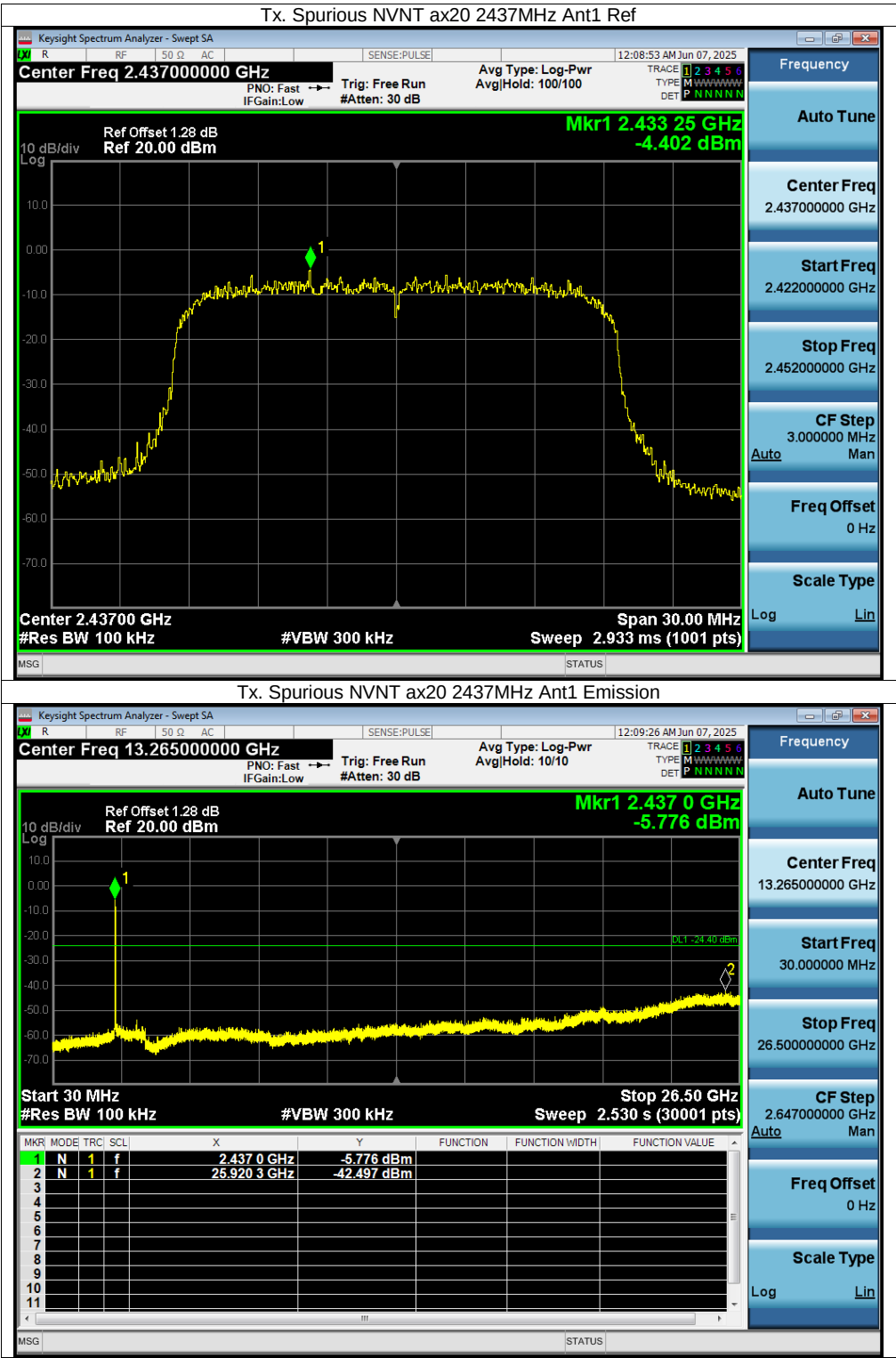


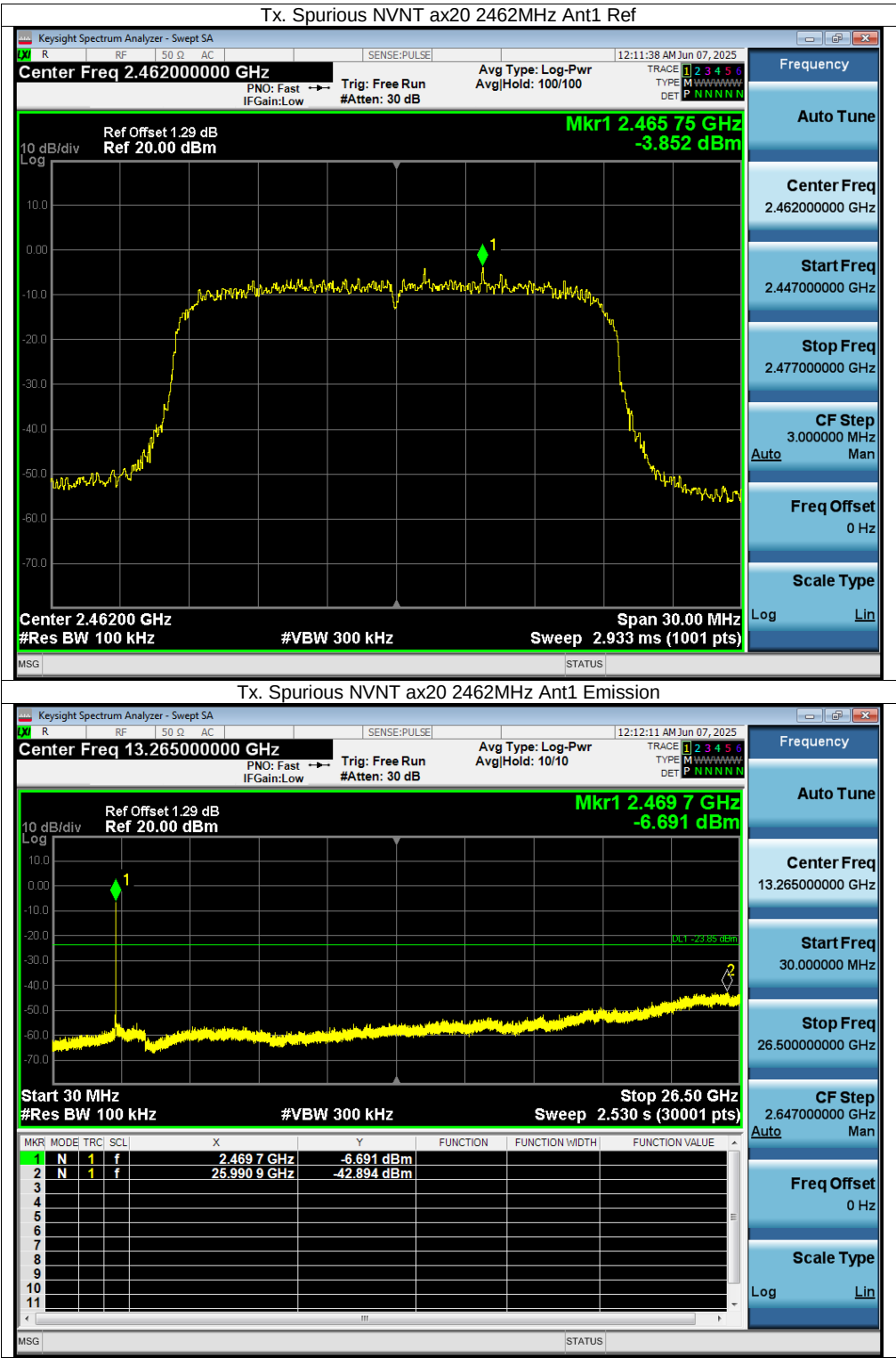












END OF REPORT