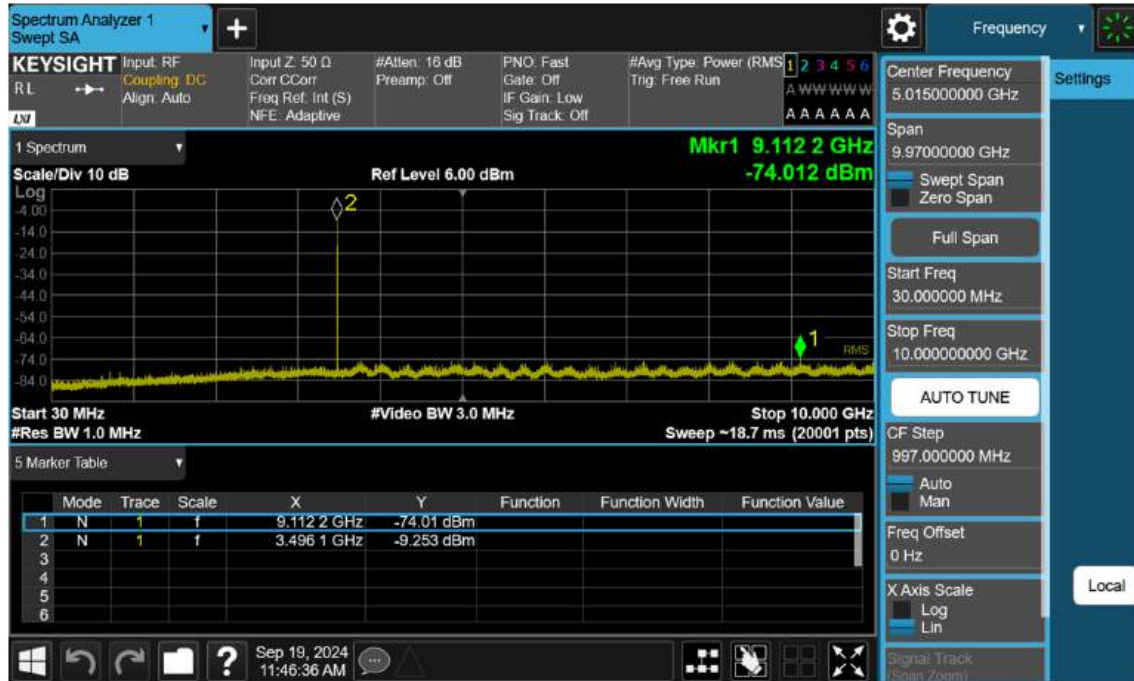


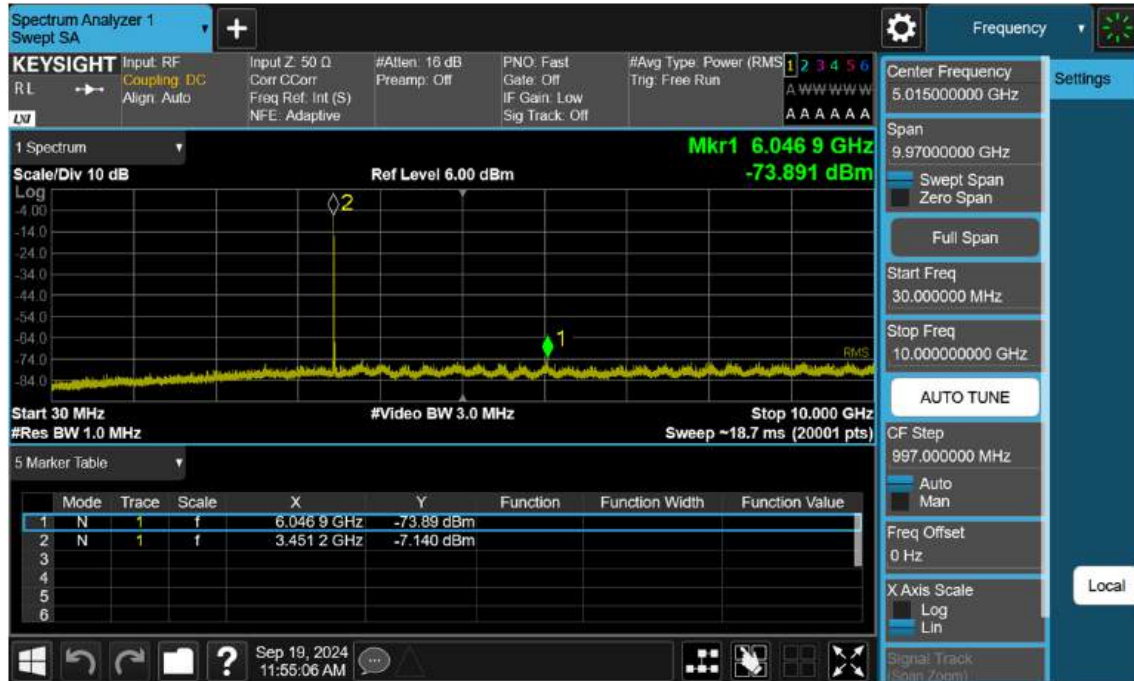
n77(3450~3550 MHz)\_10 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



n77(3450~3550 MHz)\_10 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



n77(3450~3550 MHz)\_15 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



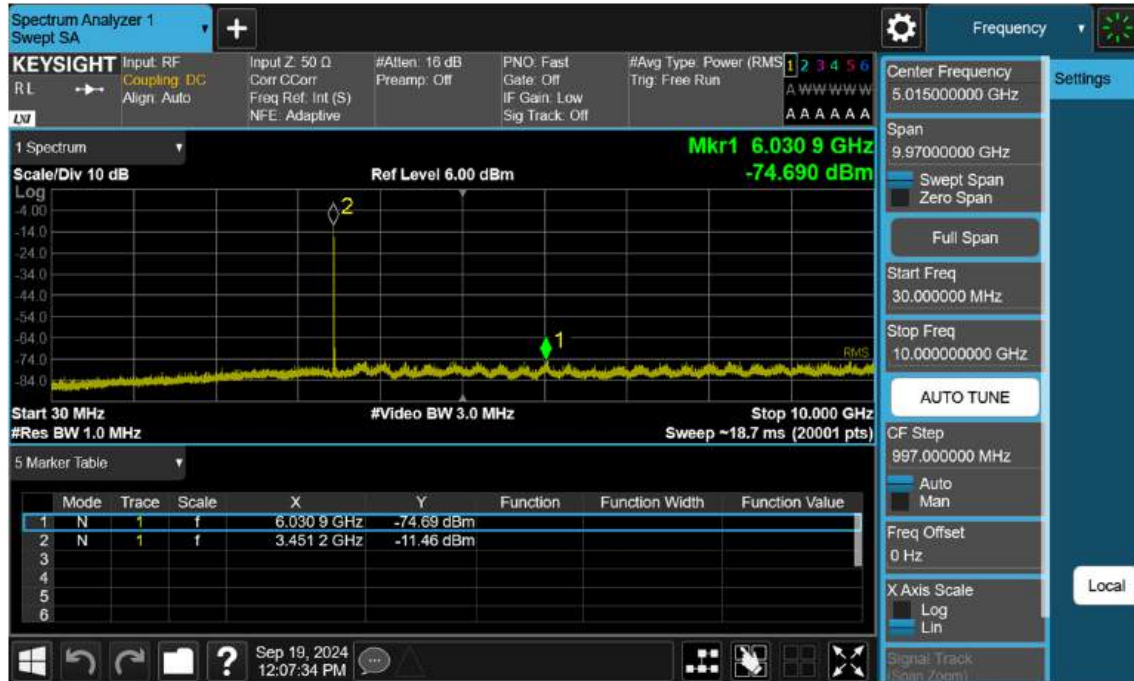
n77(3450~3550 MHz)\_15 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



n77(3450~3550 MHz)\_15 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



n77(3450~3550 MHz)\_20 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



n77(3450~3550 MHz)\_20 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB





n77(3450~3550 MHz)\_20 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB

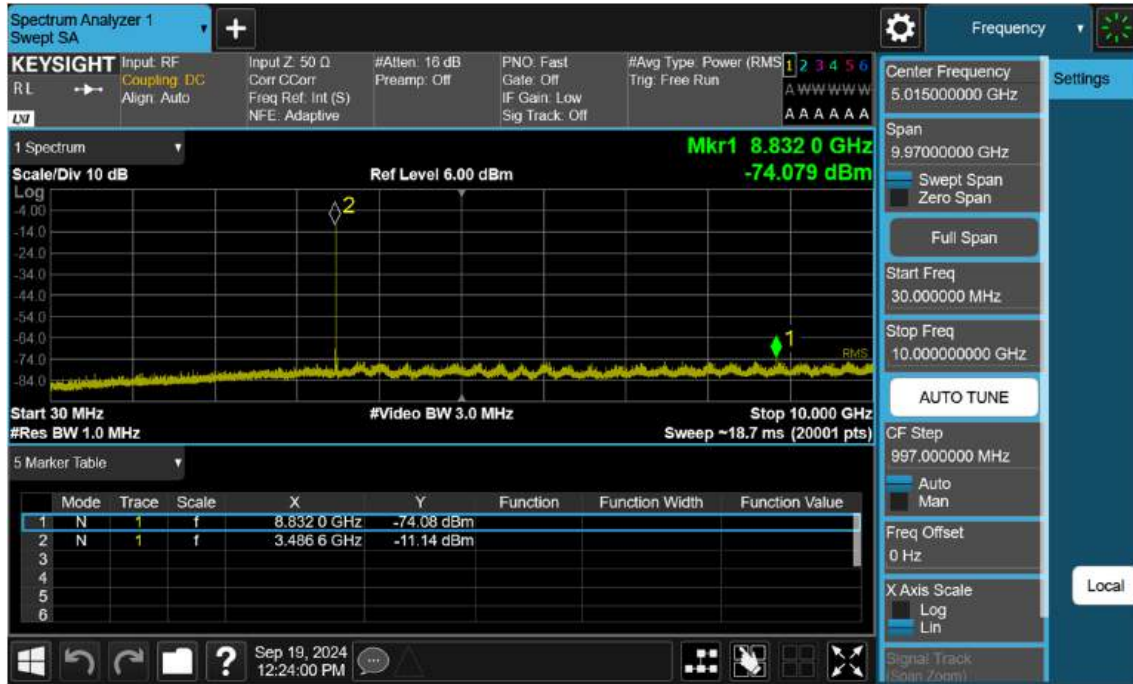




n77(3450~3550 MHz)\_30 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



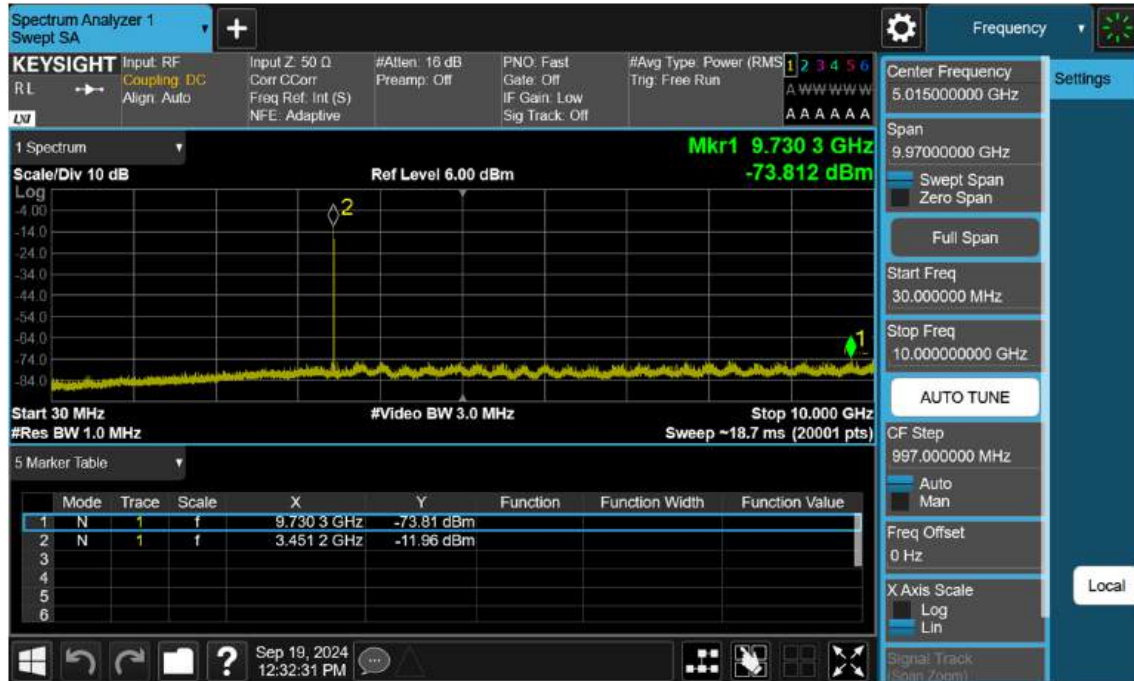
n77(3450~3550 MHz)\_30 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



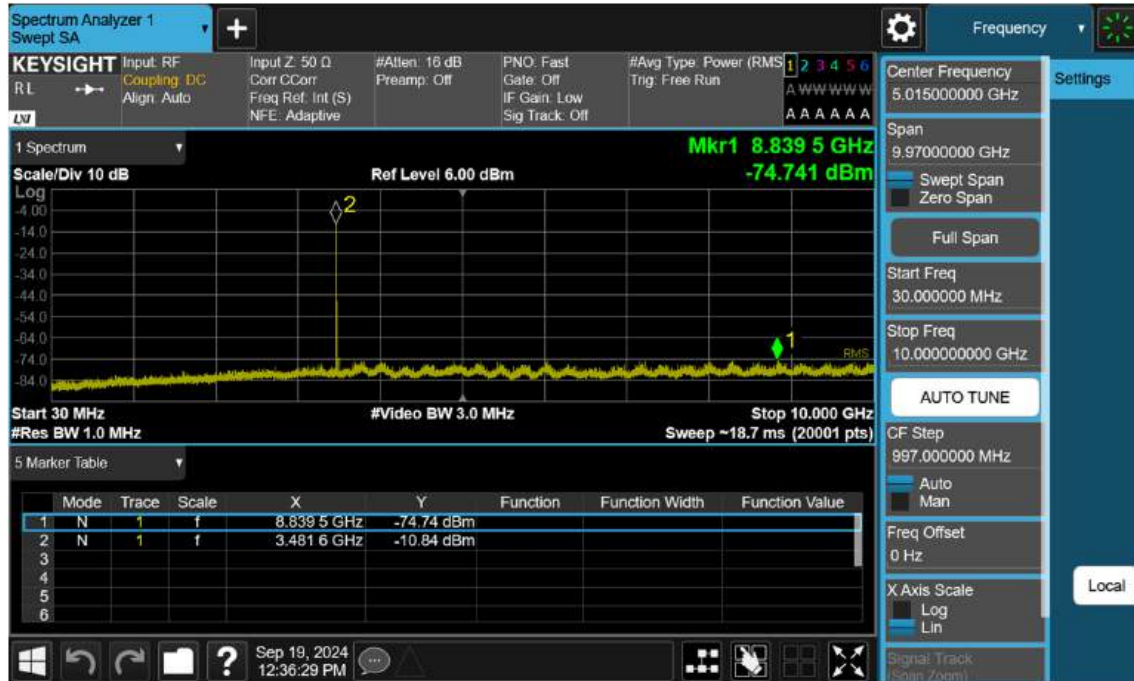
n77(3450~3550 MHz)\_30 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



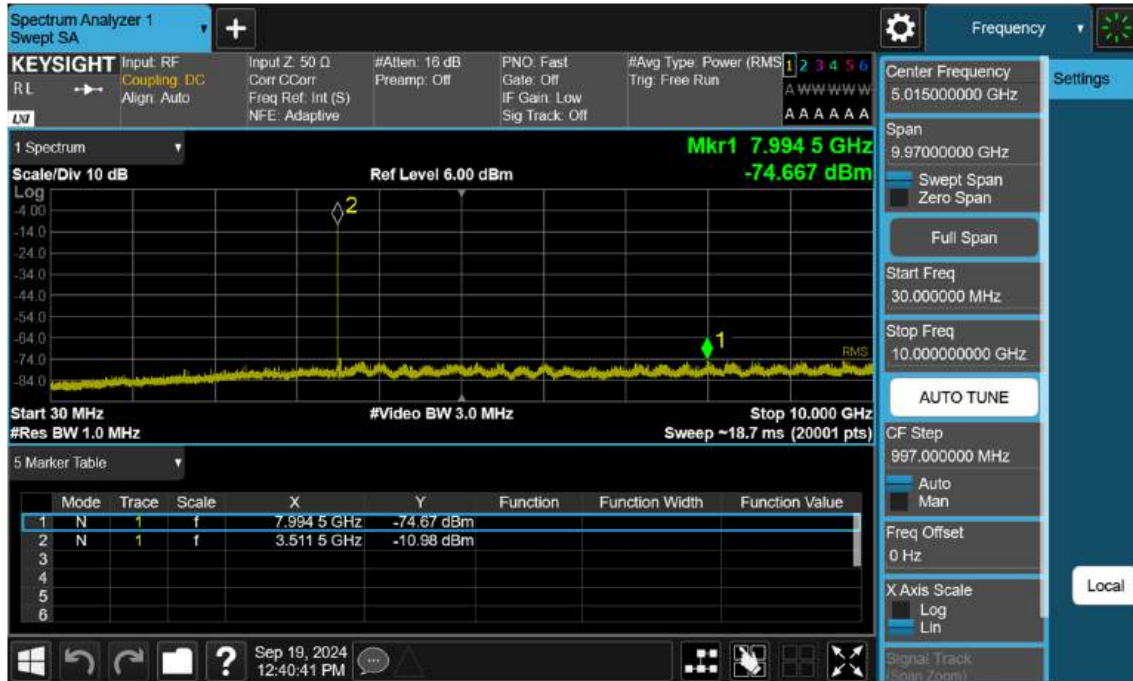
n77(3450~3550 MHz)\_40 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



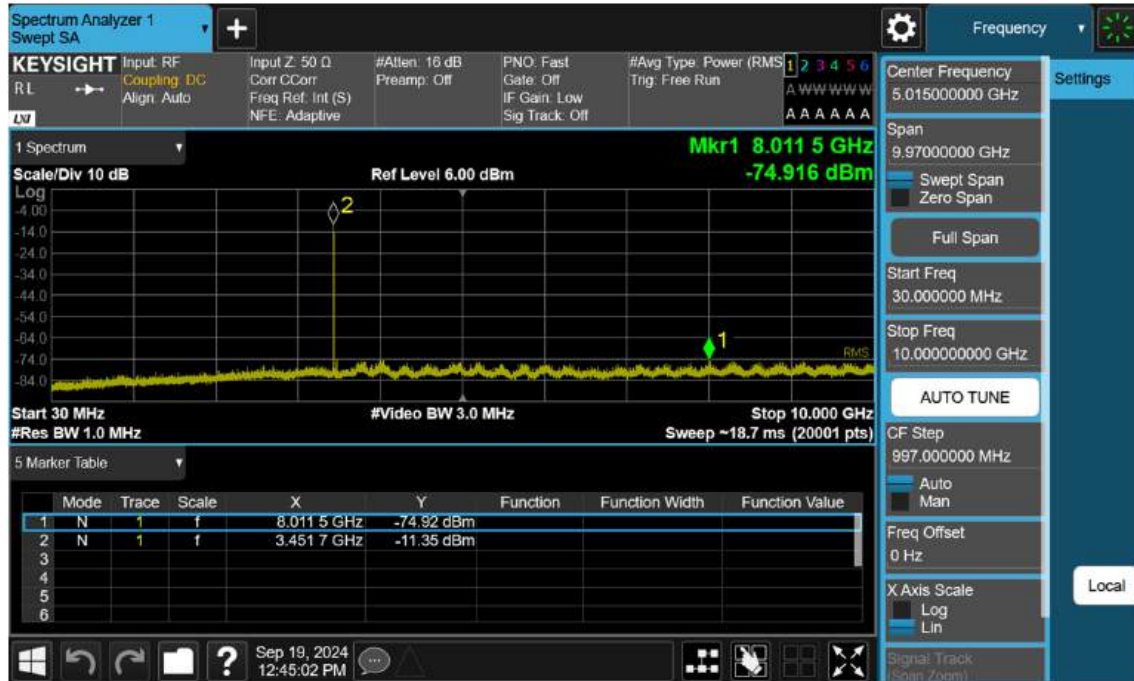
n77(3450~3550 MHz)\_40 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



n77(3450~3550 MHz)\_40 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB

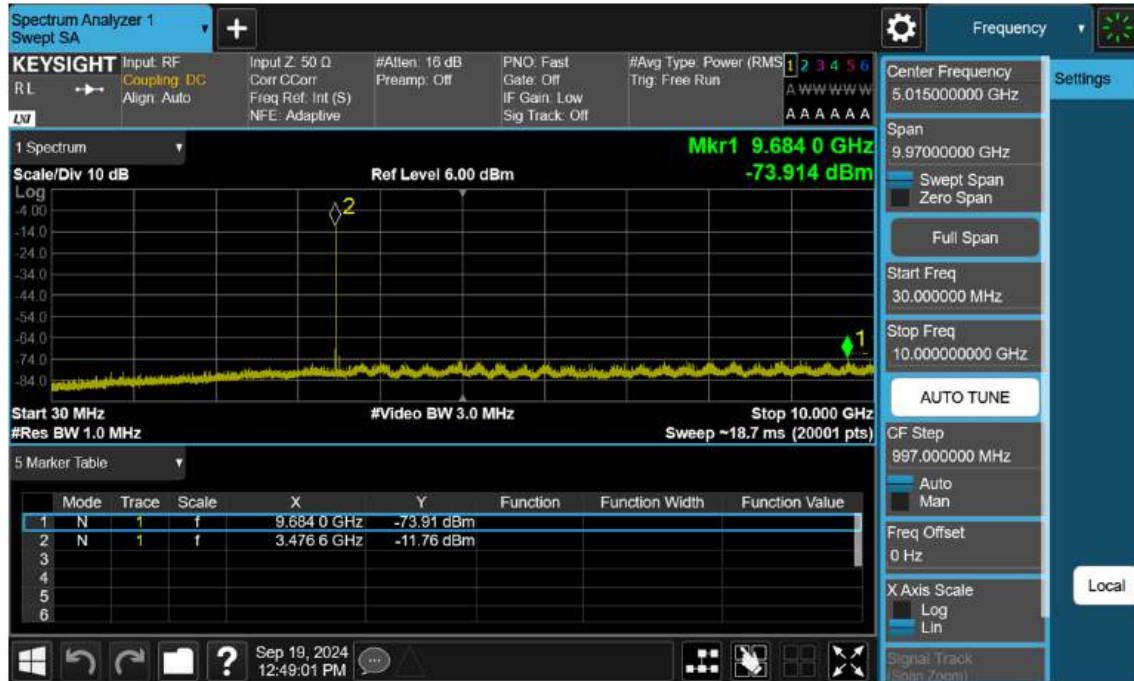


n77(3450~3550 MHz)\_50 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB

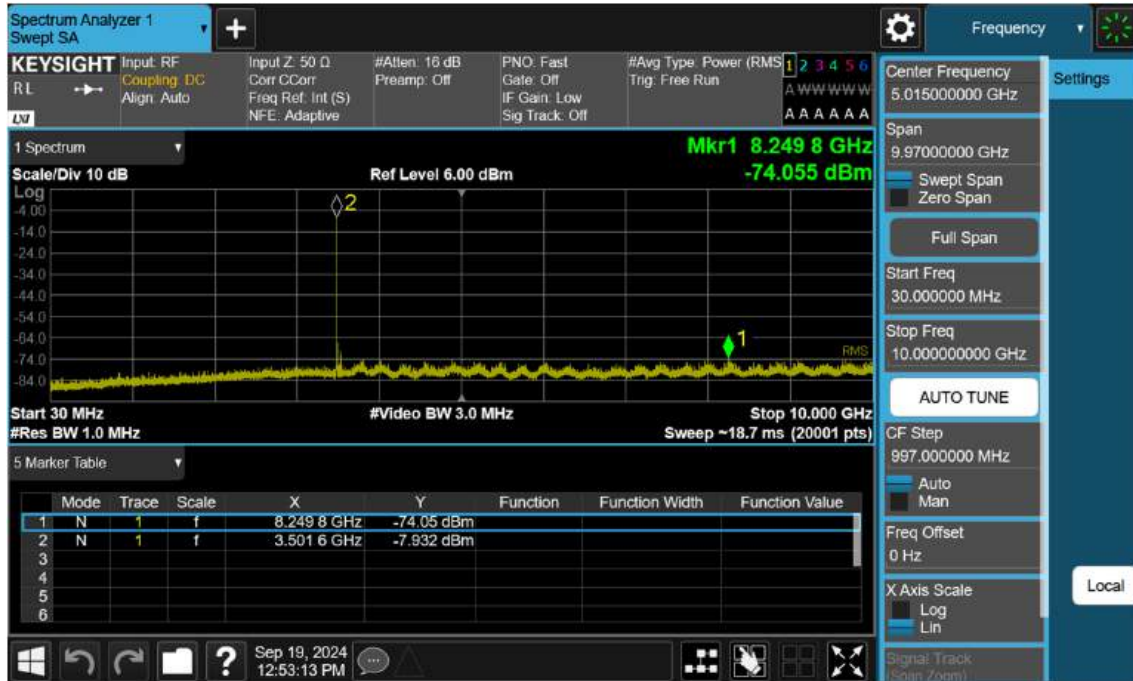




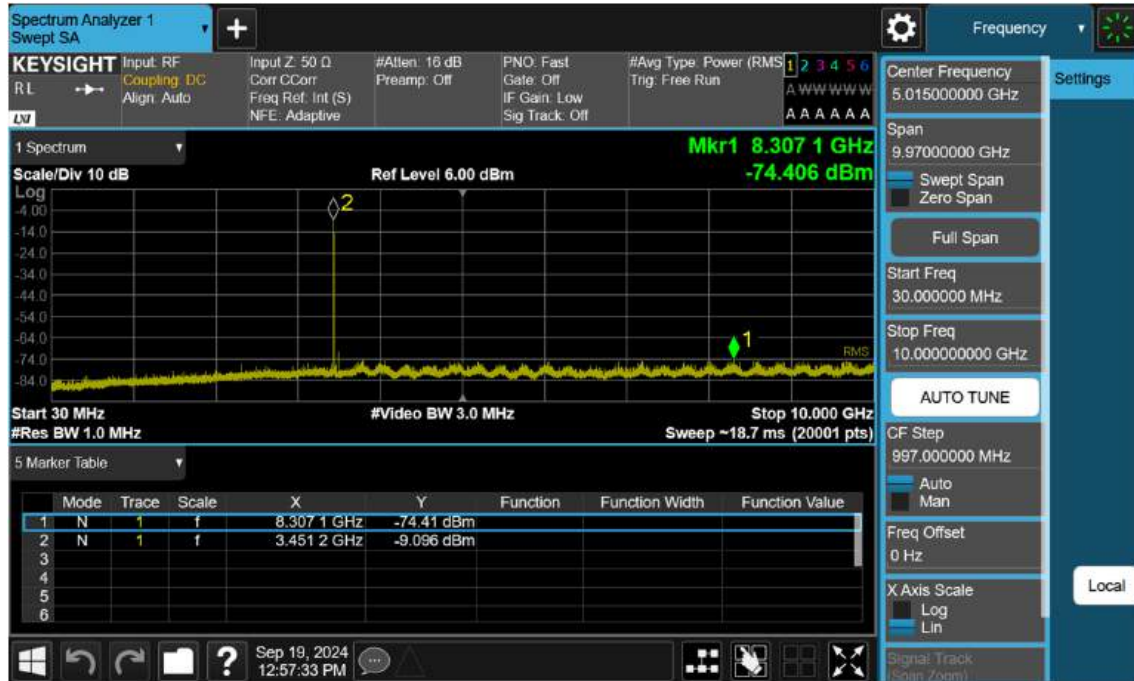
n77(3450~3550 MHz)\_50 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



n77(3450~3550 MHz)\_50 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



n77(3450~3550 MHz)\_60 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



n77(3450~3550 MHz)\_60 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



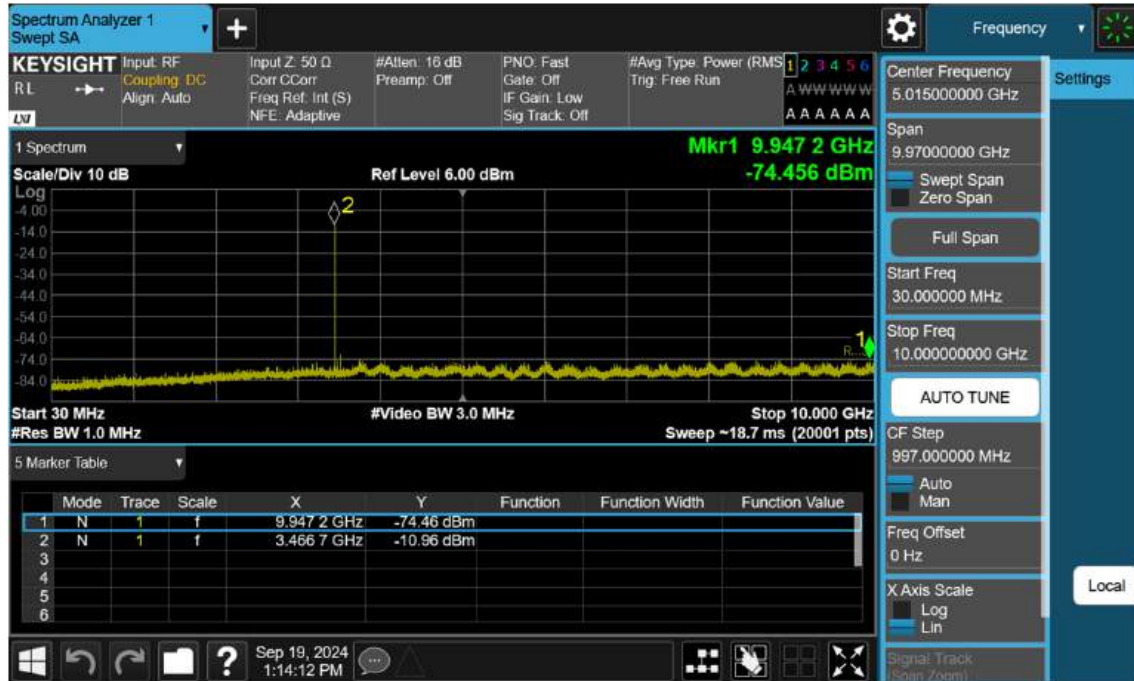
n77(3450~3550 MHz)\_60 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



n77(3450~3550 MHz)\_70 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB

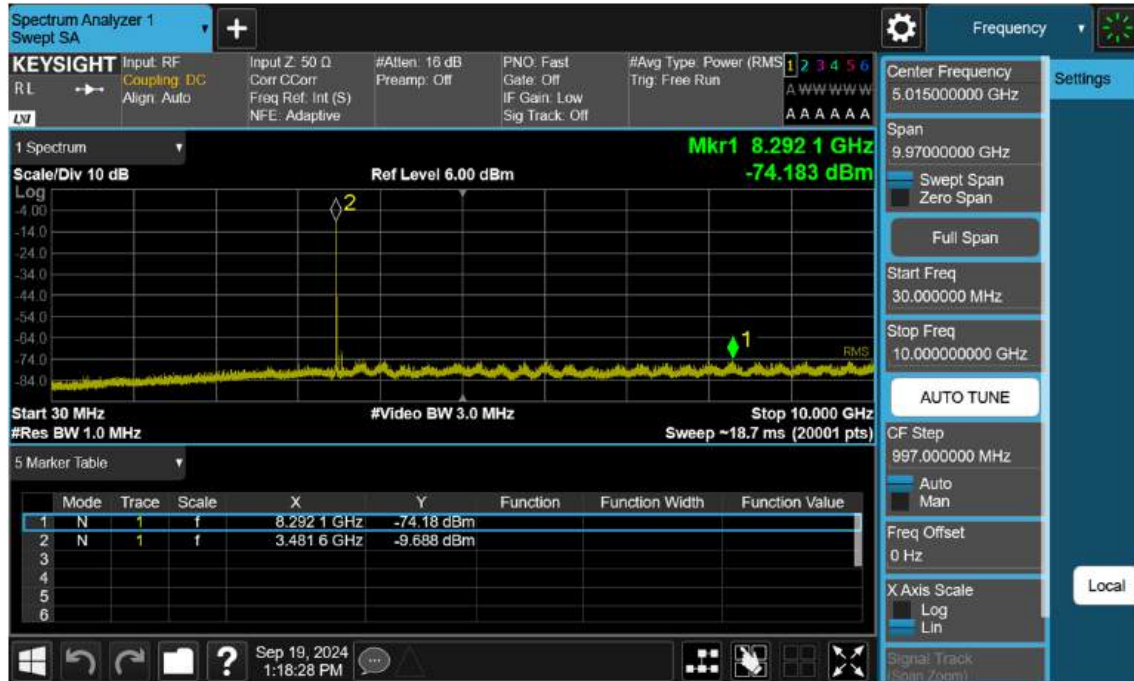


n77(3450~3550 MHz)\_70 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB

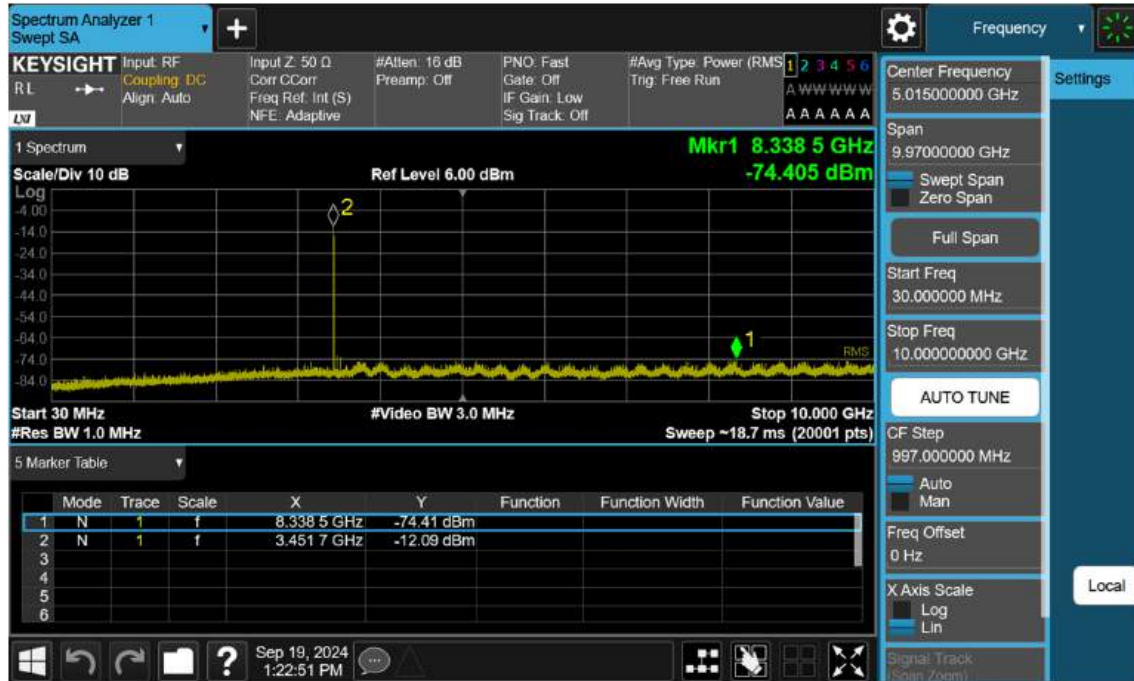




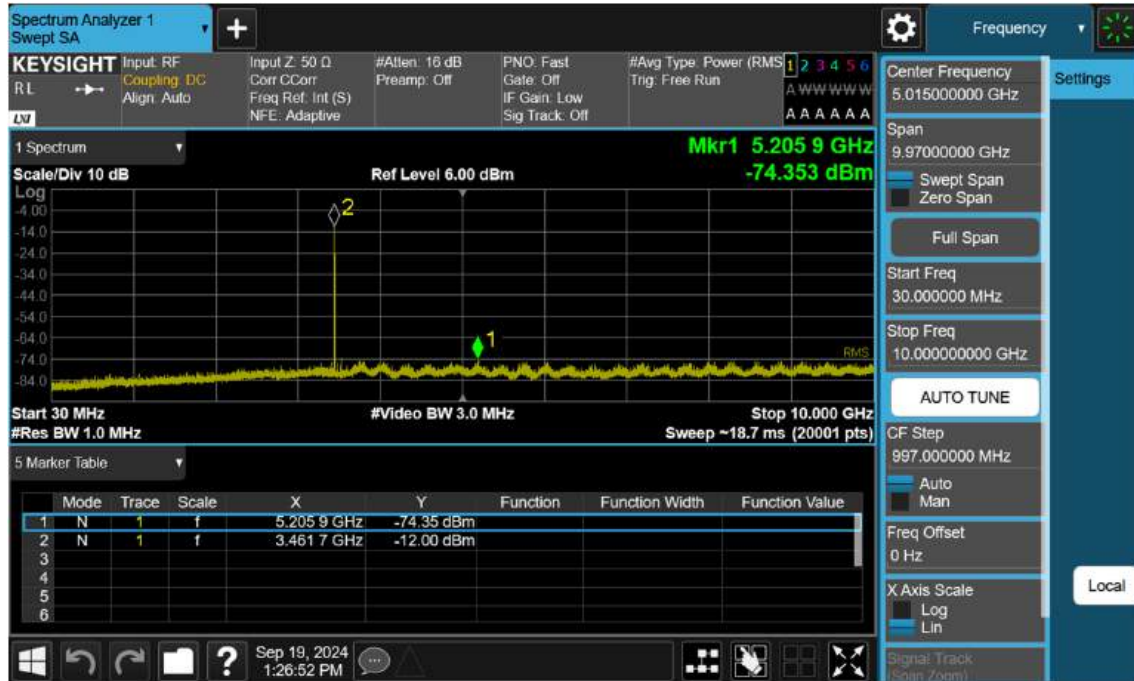
n77(3450~3550 MHz)\_70 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



n77(3450~3550 MHz)\_80 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



n77(3450~3550 MHz)\_80 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



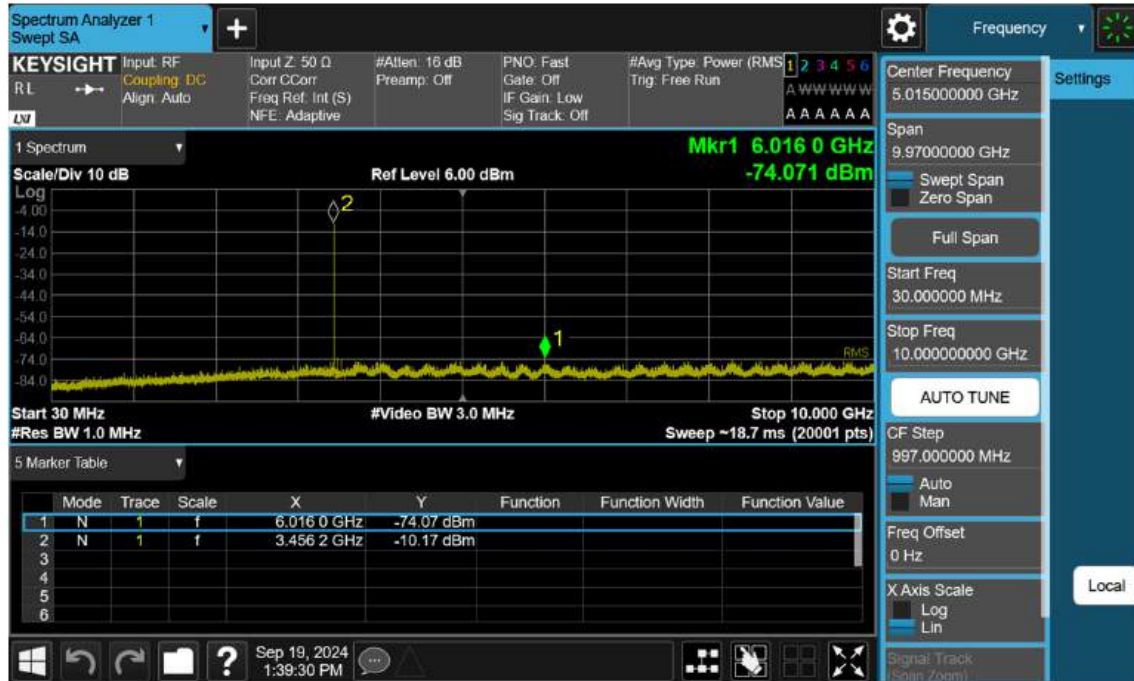
n77(3450~3550 MHz)\_80 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



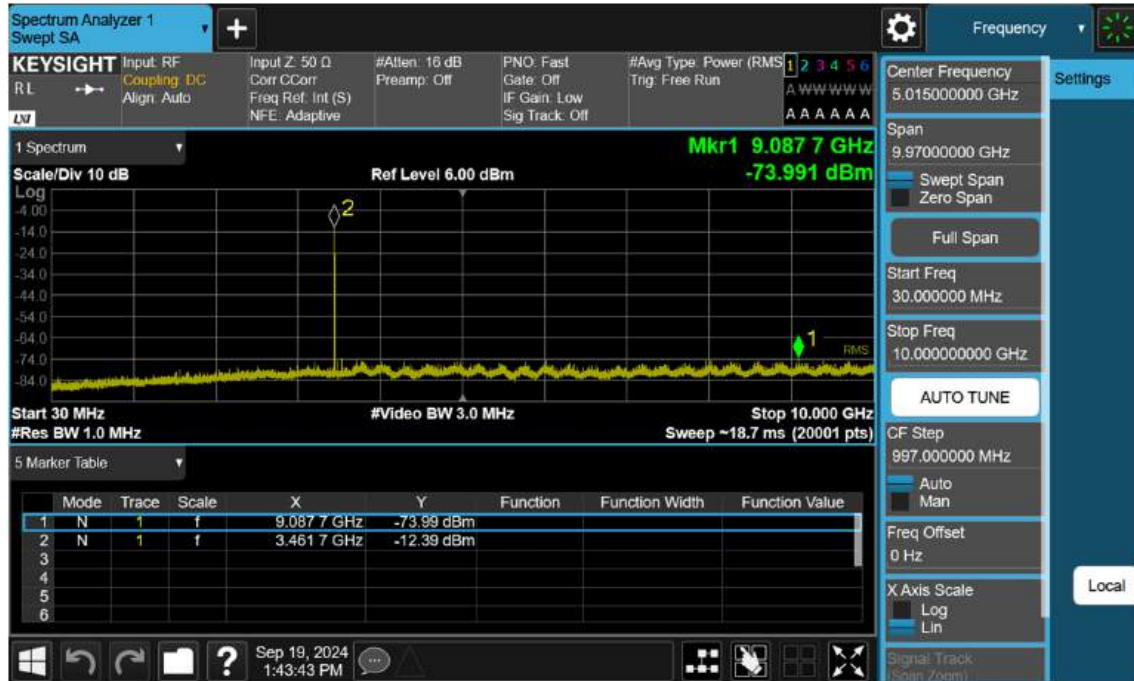
n77(3450~3550 MHz)\_90 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



n77(3450~3550 MHz)\_90 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB

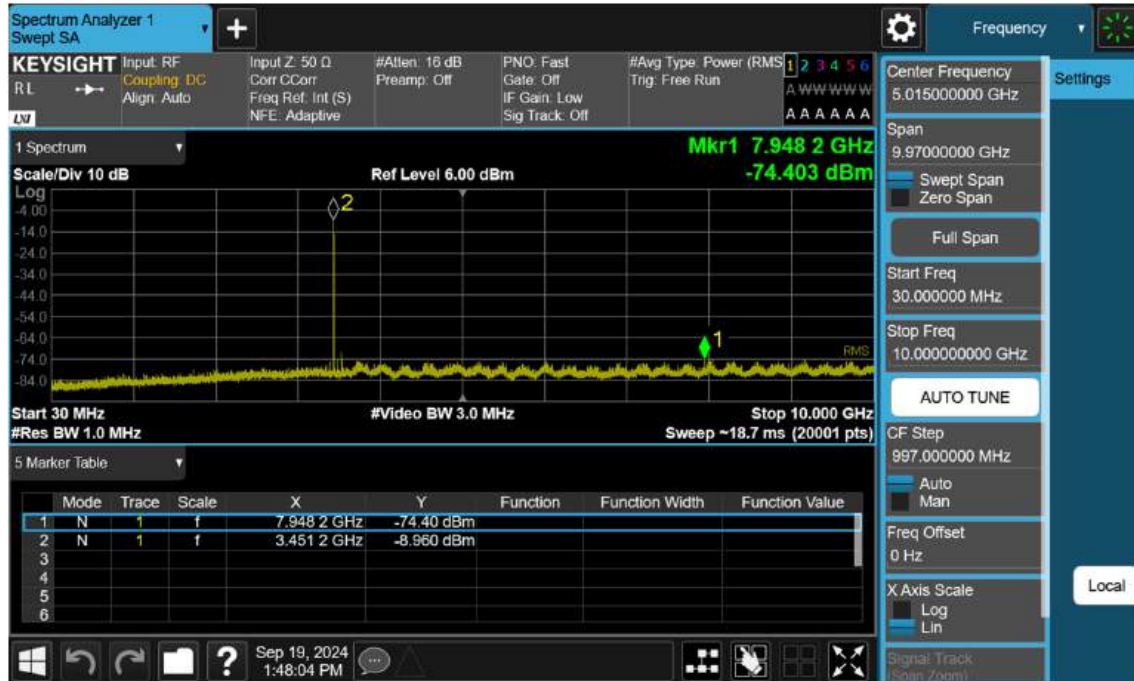


n77(3450~3550 MHz)\_90 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB

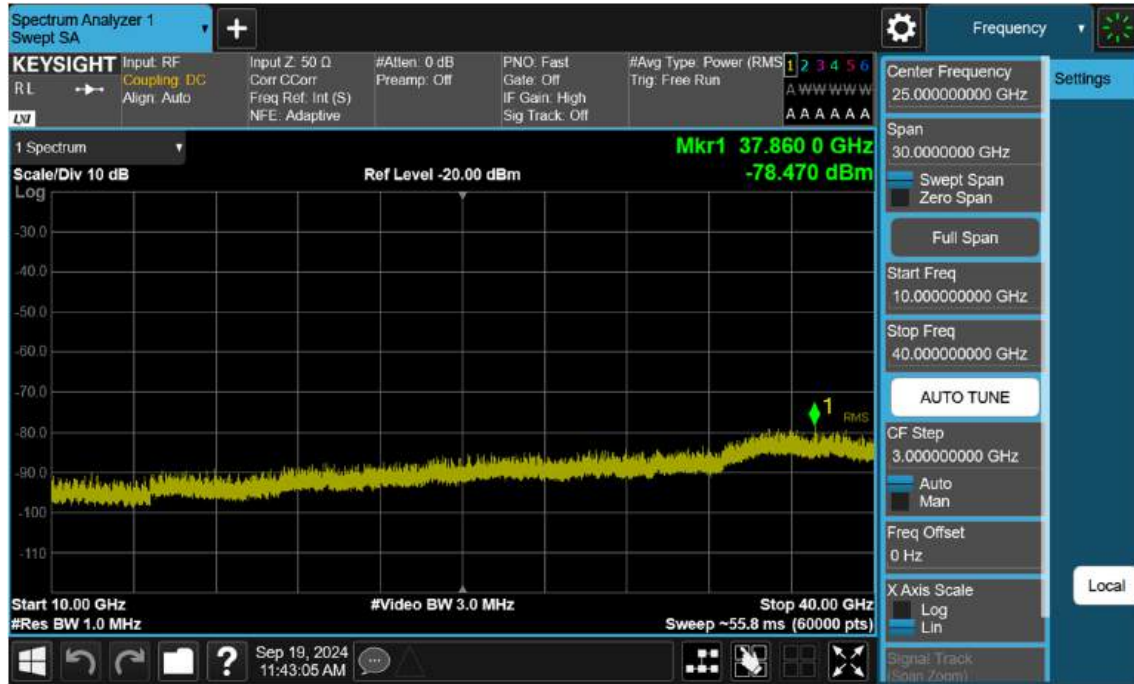




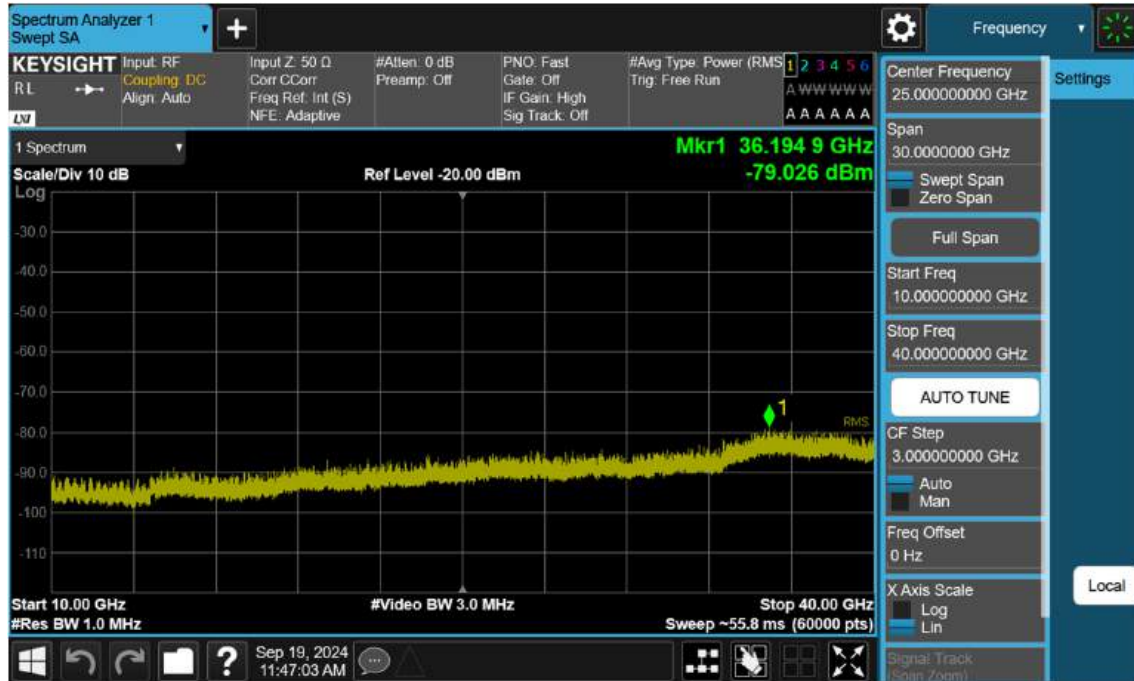
n77(3450~3550 MHz)\_100 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



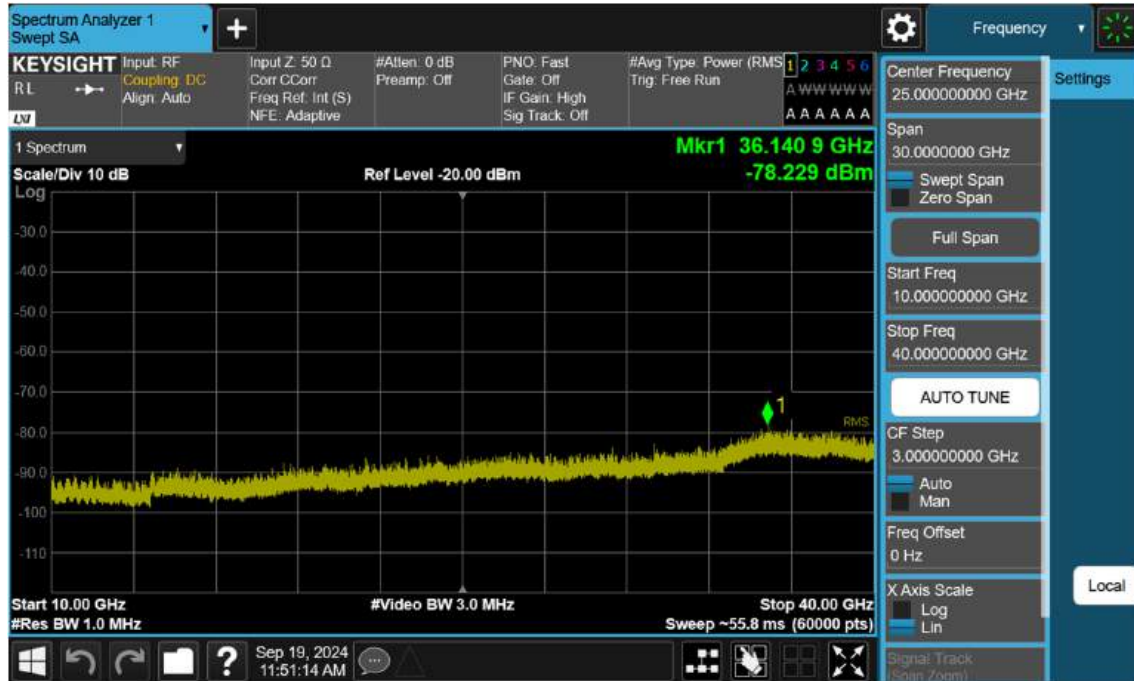
n77(3450~3550 MHz)\_10 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



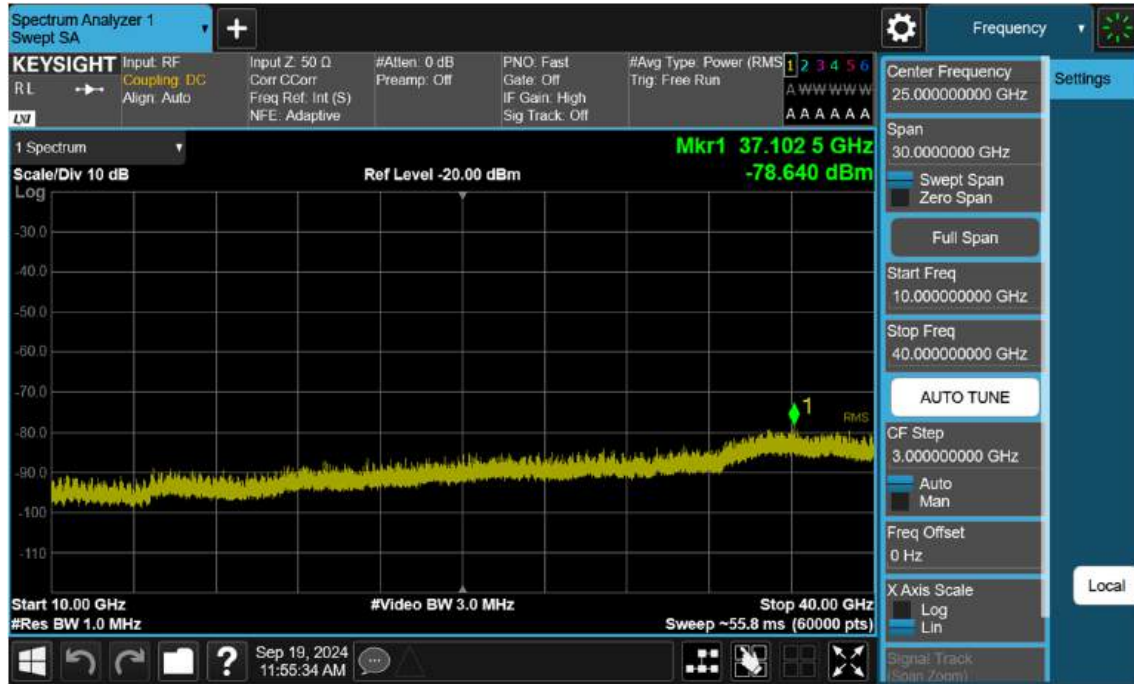
n77(3450~3550 MHz)\_10 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



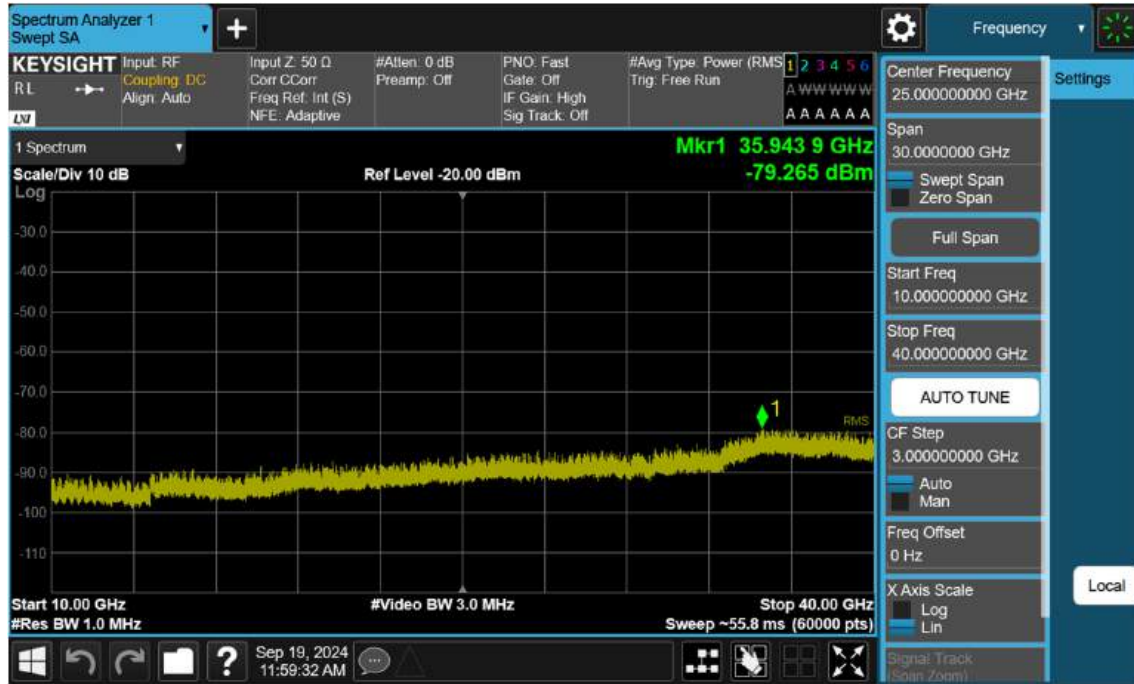
n77(3450~3550 MHz)\_10 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



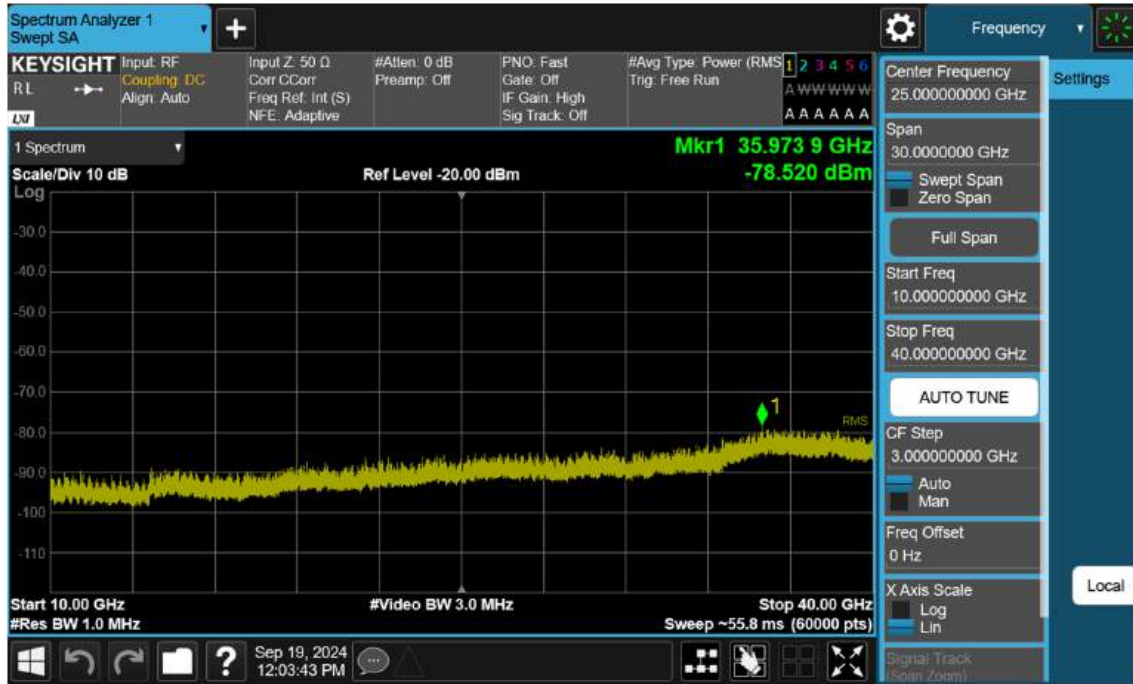
n77(3450~3550 MHz)\_15 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



n77(3450~3550 MHz)\_15 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB

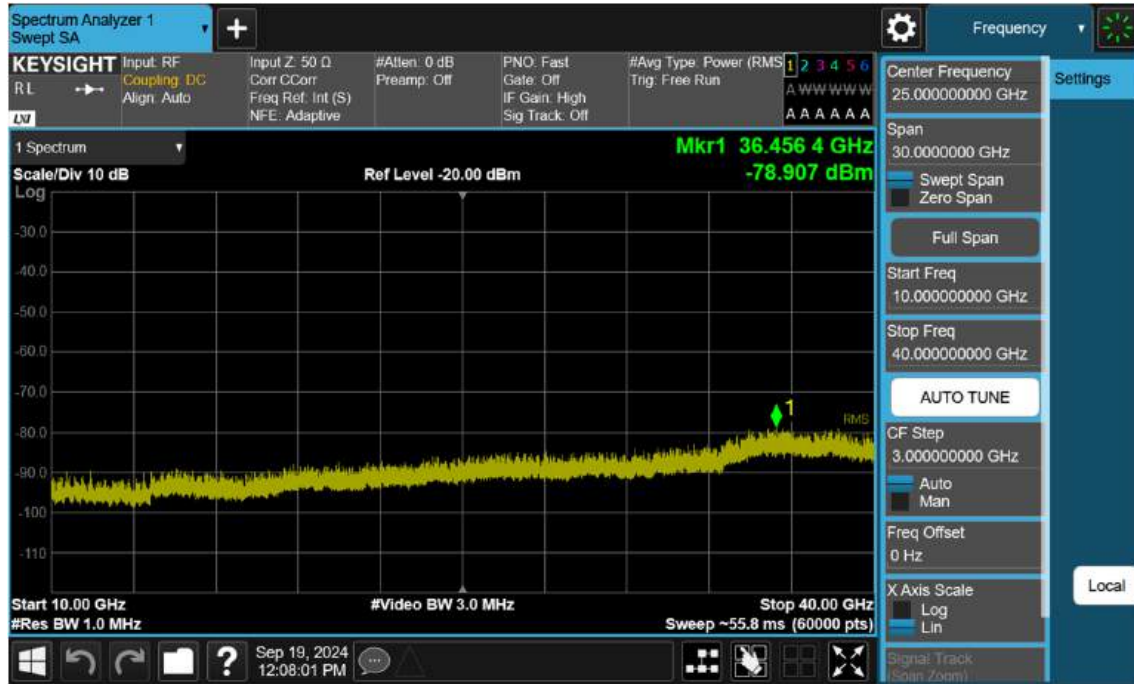


n77(3450~3550 MHz)\_15 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB

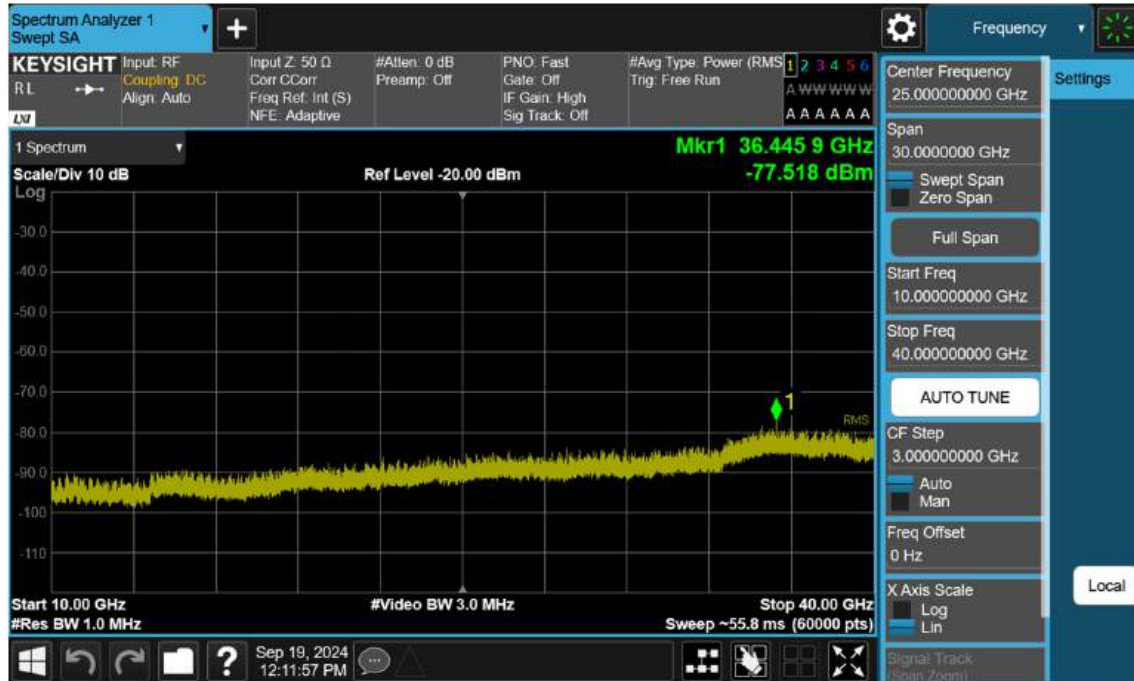




n77(3450~3550 MHz)\_20 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



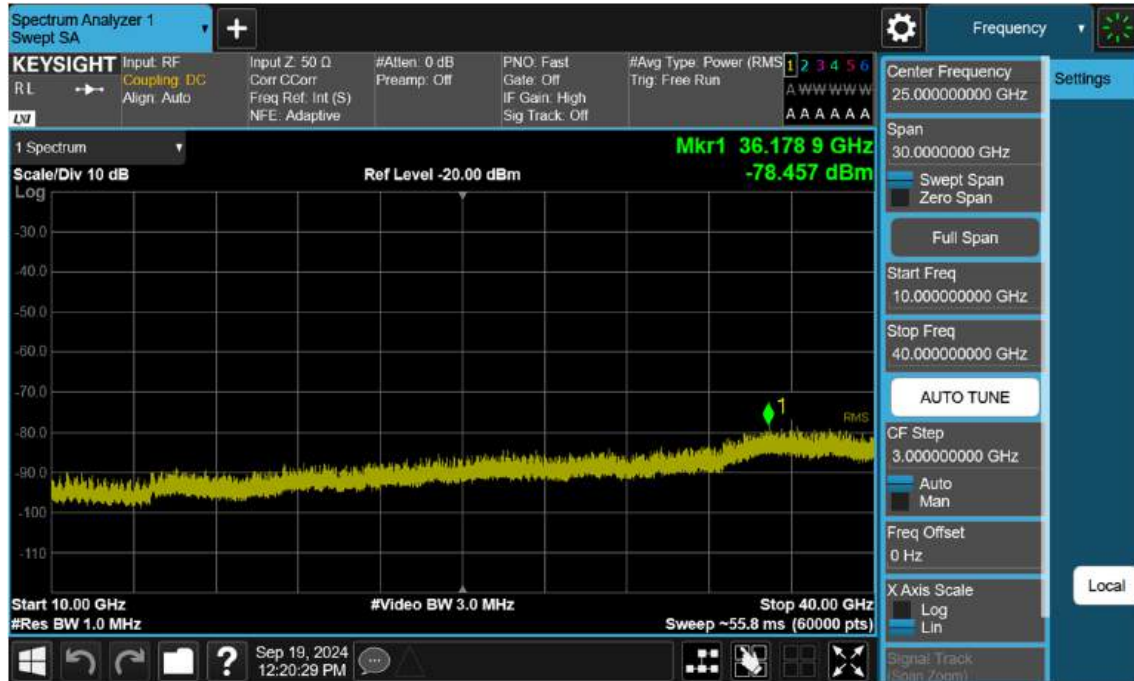
n77(3450~3550 MHz)\_20 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



n77(3450~3550 MHz)\_20 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



n77(3450~3550 MHz)\_30 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



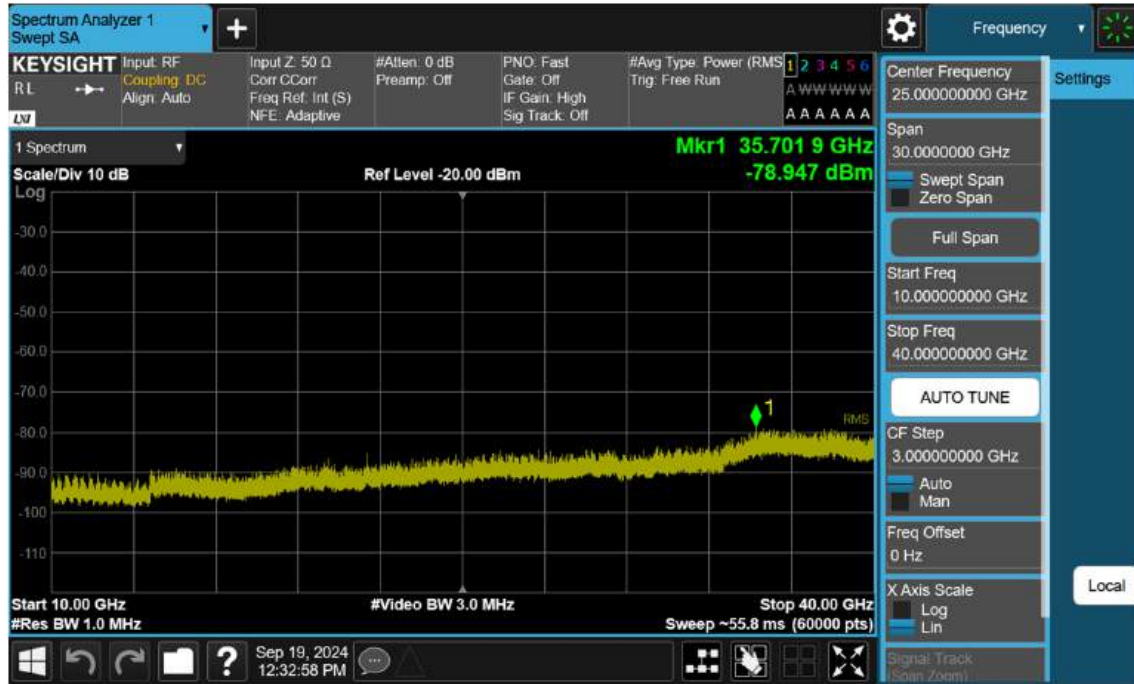
n77(3450~3550 MHz)\_30 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



n77(3450~3550 MHz)\_30 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB

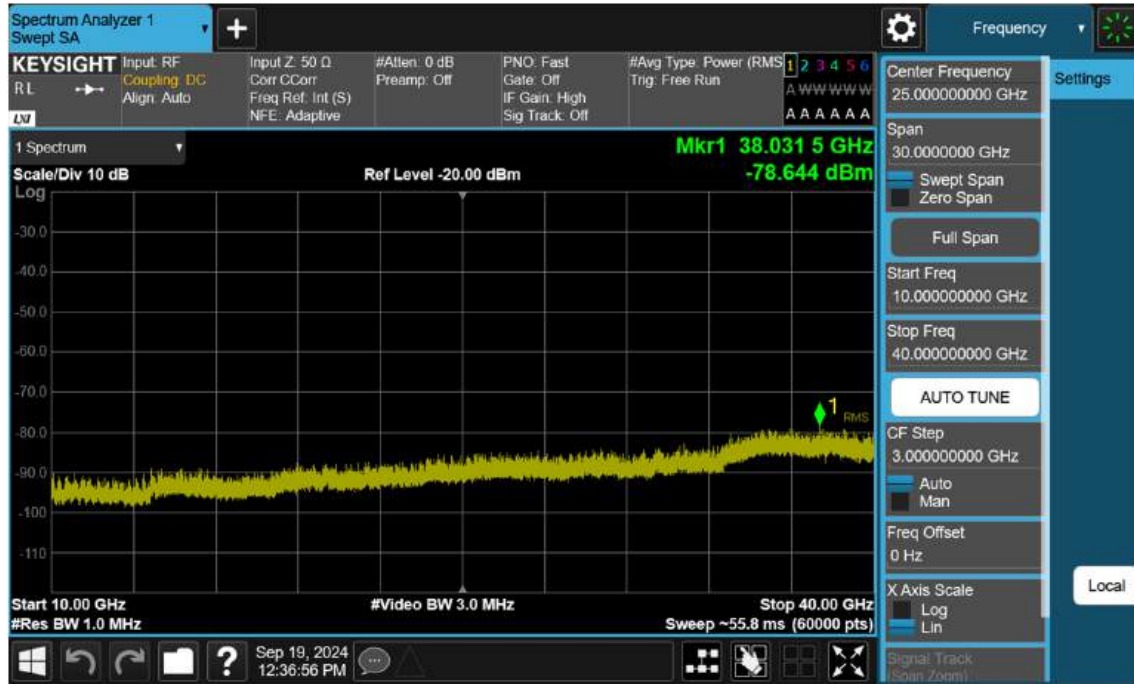


n77(3450~3550 MHz)\_40 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB

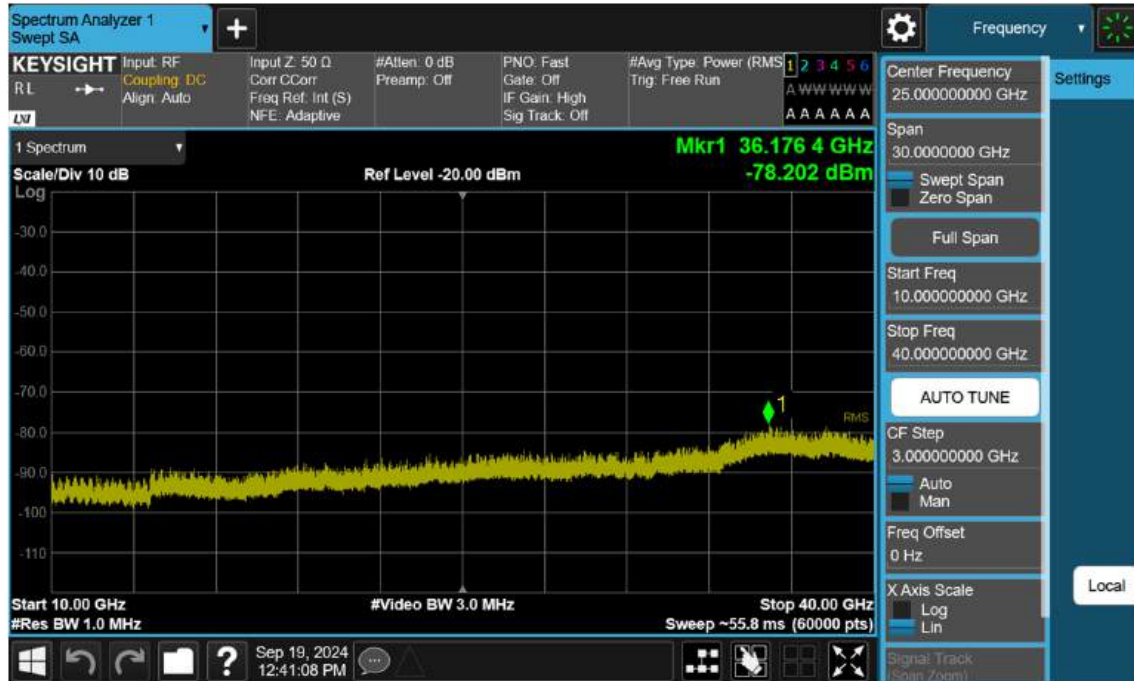




n77(3450~3550 MHz)\_40 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



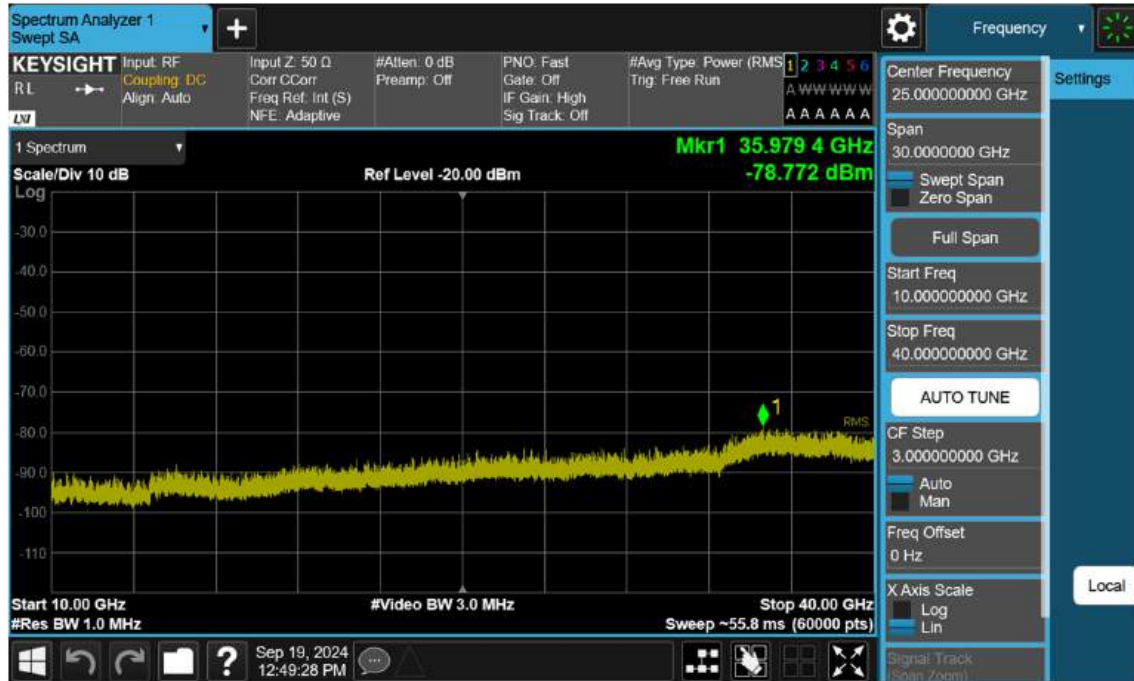
n77(3450~3550 MHz)\_40 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



n77(3450~3550 MHz)\_50 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



n77(3450~3550 MHz)\_50 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



n77(3450~3550 MHz)\_50 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



n77(3450~3550 MHz)\_60 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB

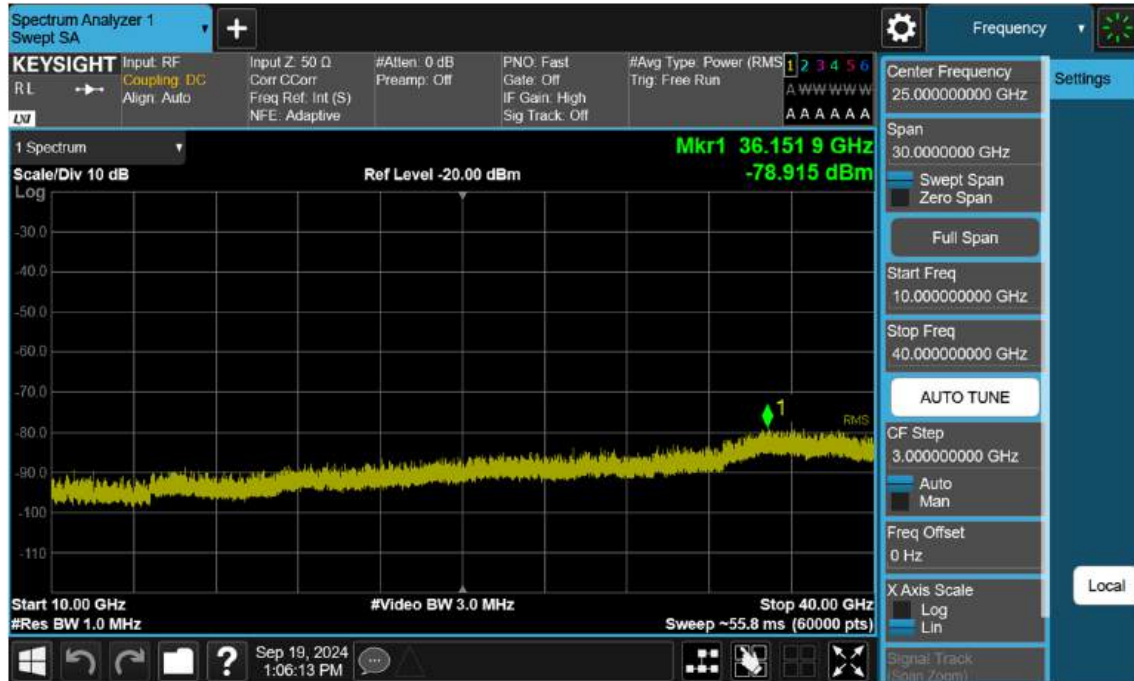


n77(3450~3550 MHz)\_60 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB

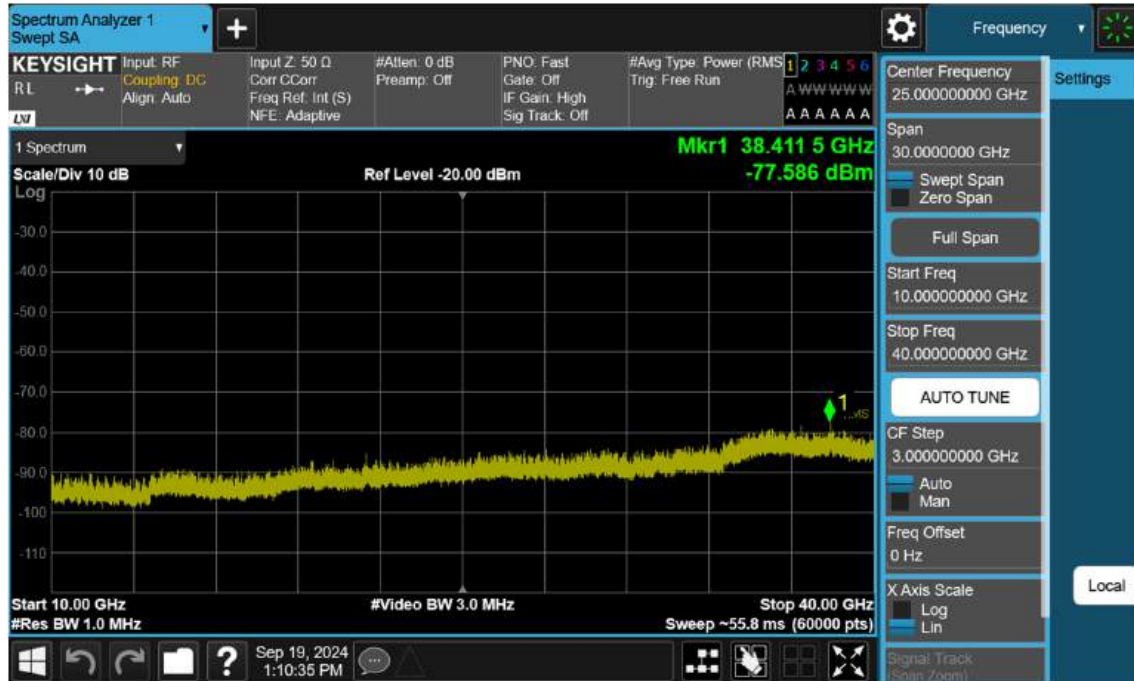




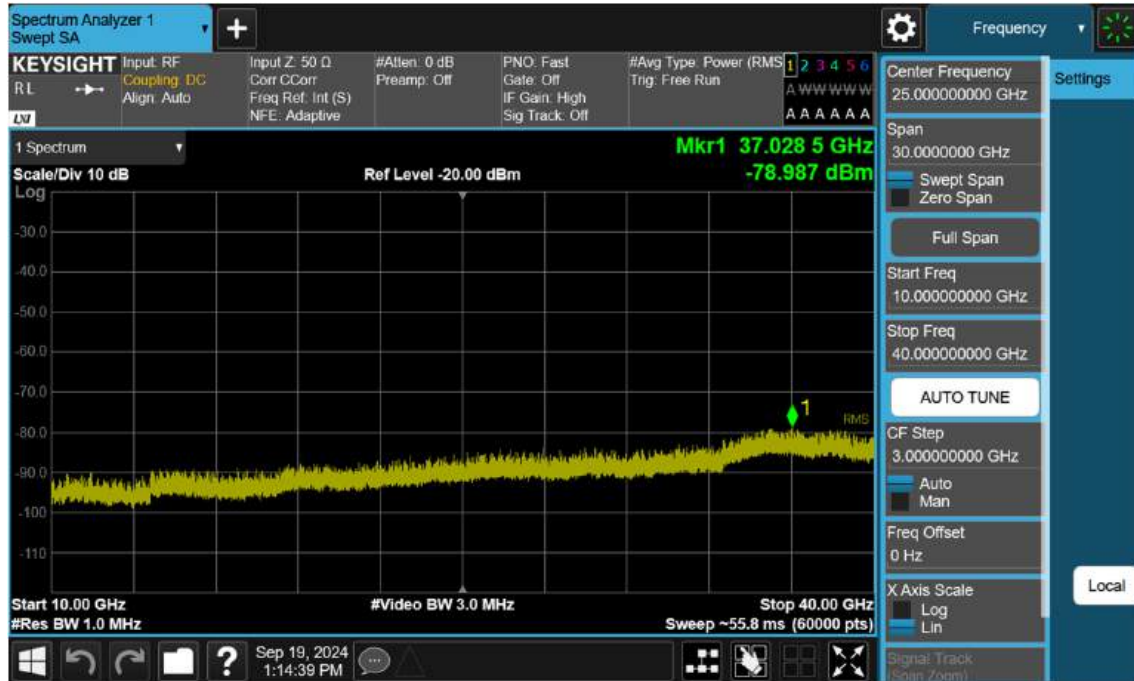
n77(3450~3550 MHz)\_60 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



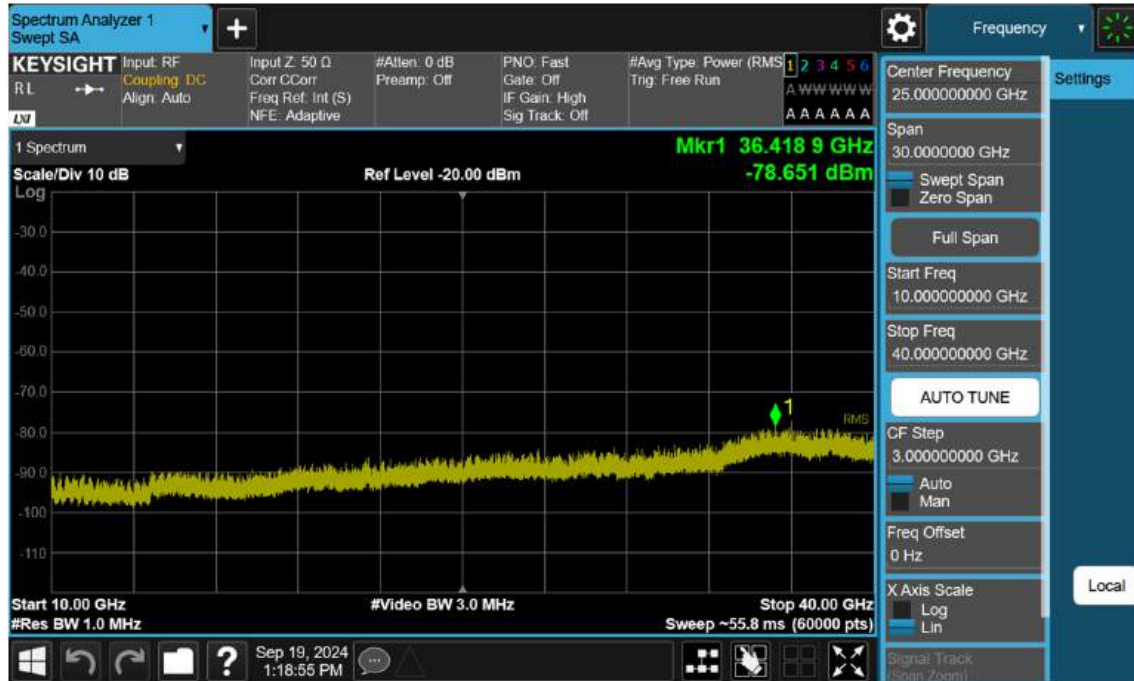
n77(3450~3550 MHz)\_70 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



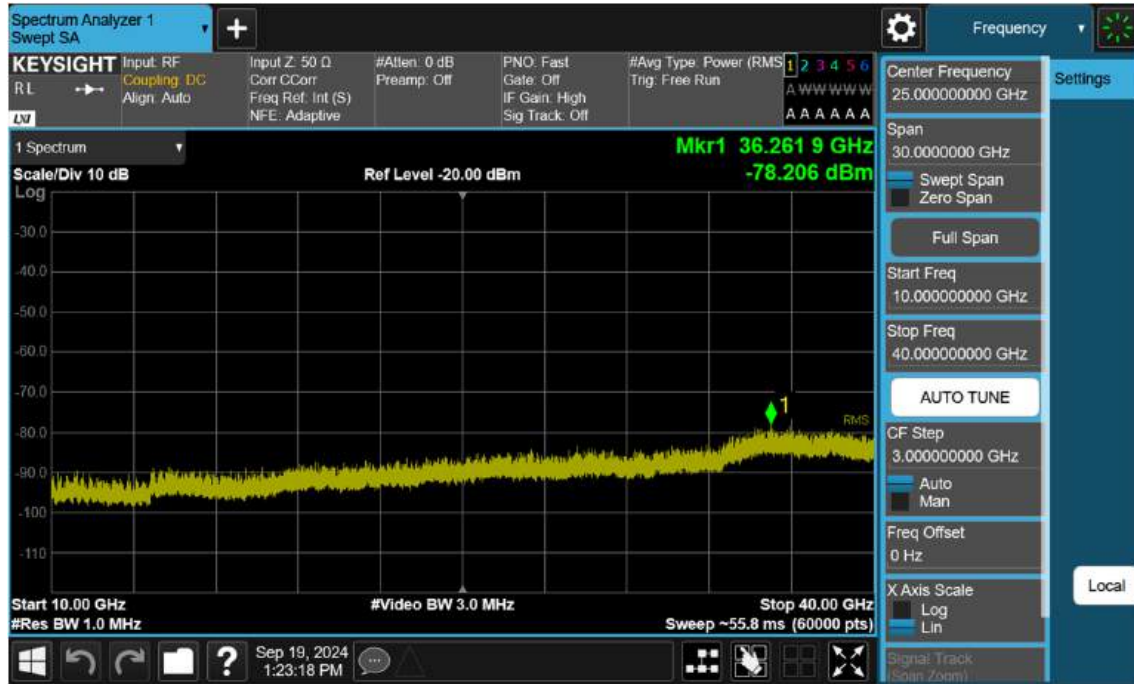
n77(3450~3550 MHz)\_70 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



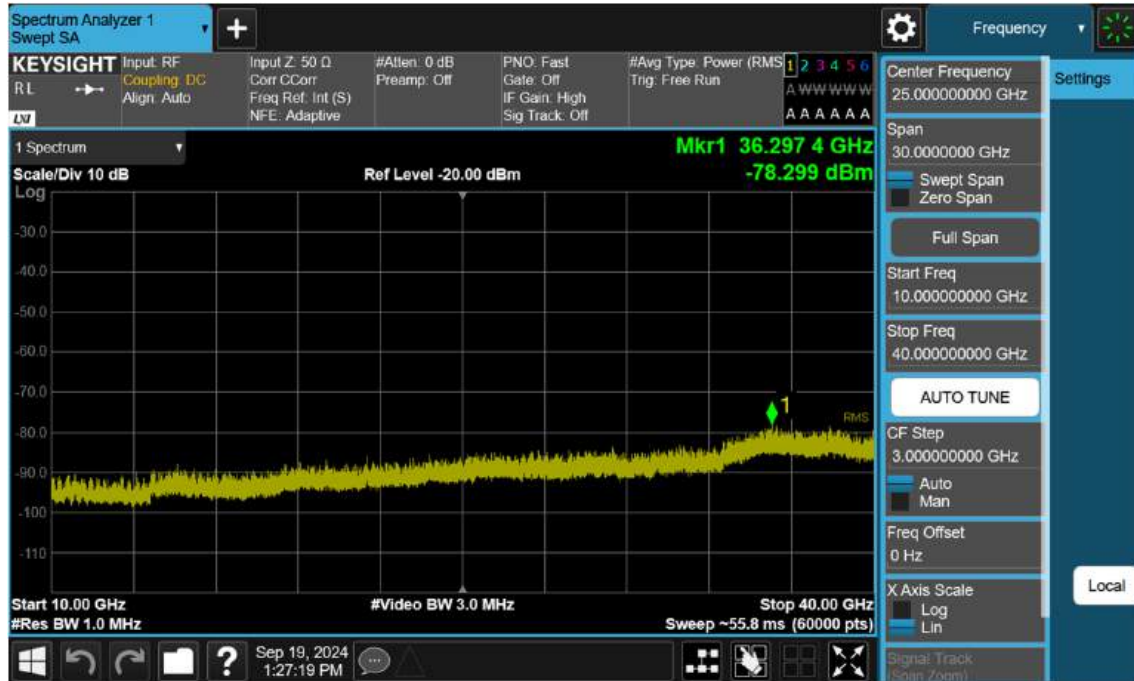
n77(3450~3550 MHz)\_70 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



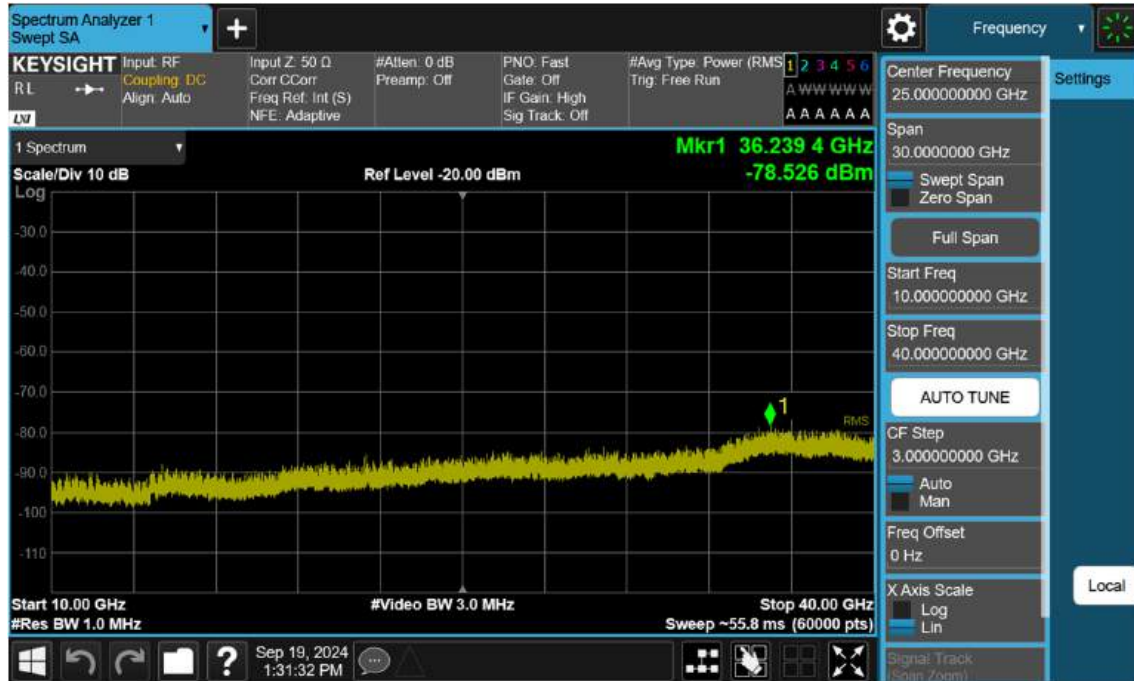
n77(3450~3550 MHz)\_80 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



n77(3450~3550 MHz)\_80 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB

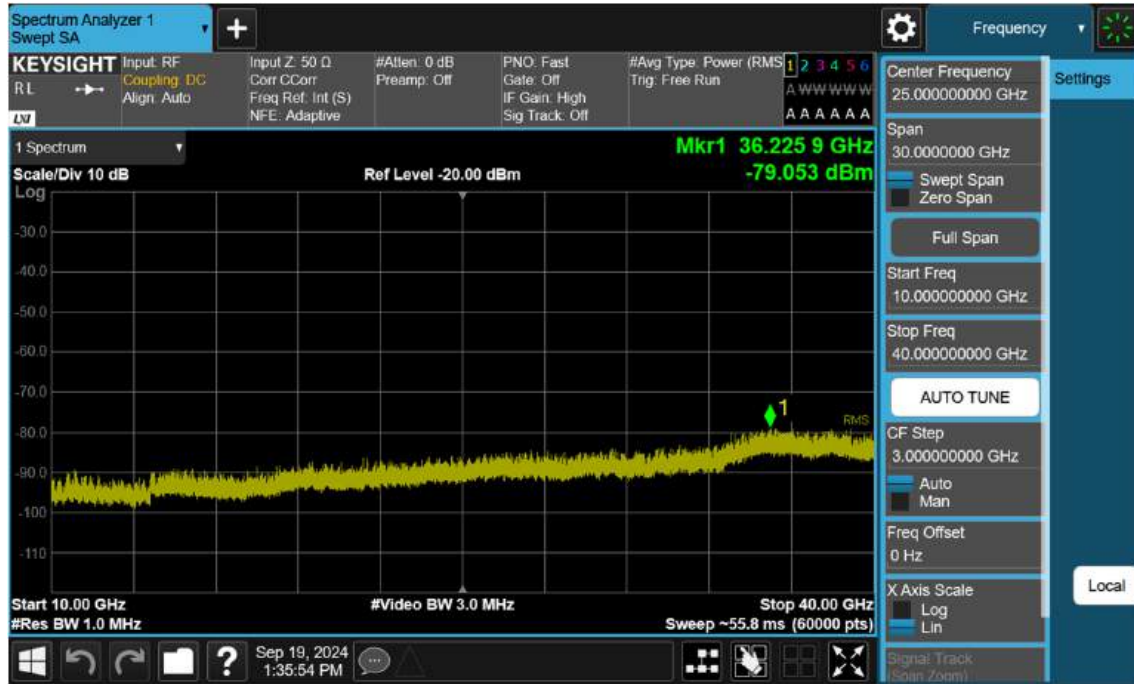


n77(3450~3550 MHz)\_80 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB

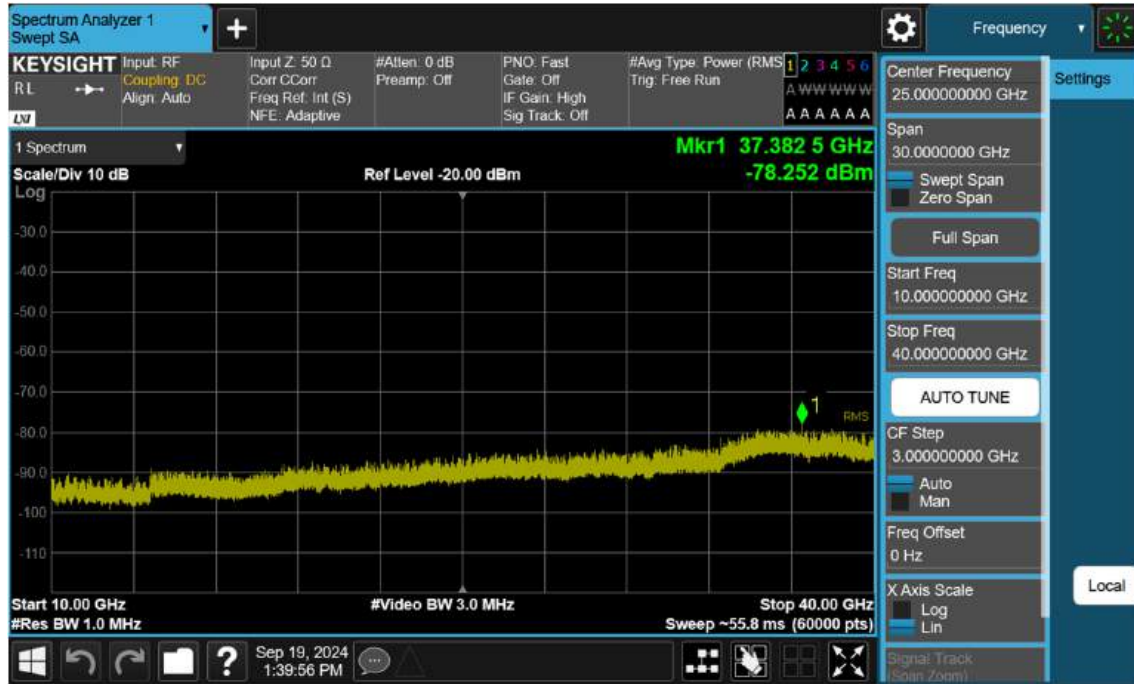




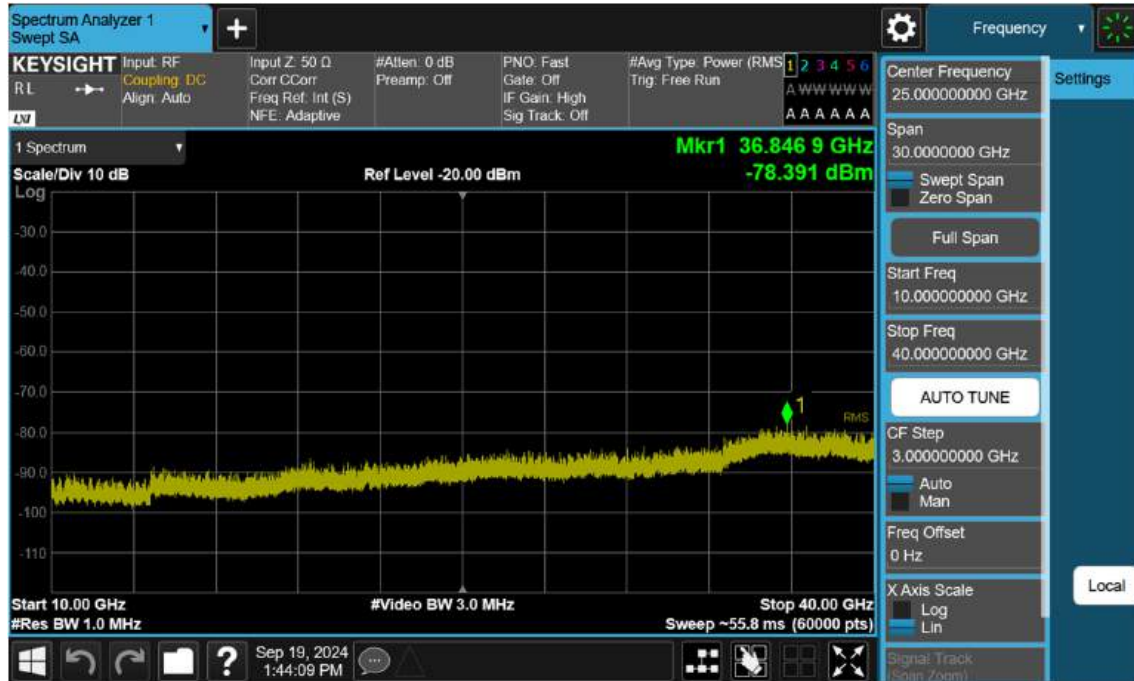
n77(3450~3550 MHz)\_90 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



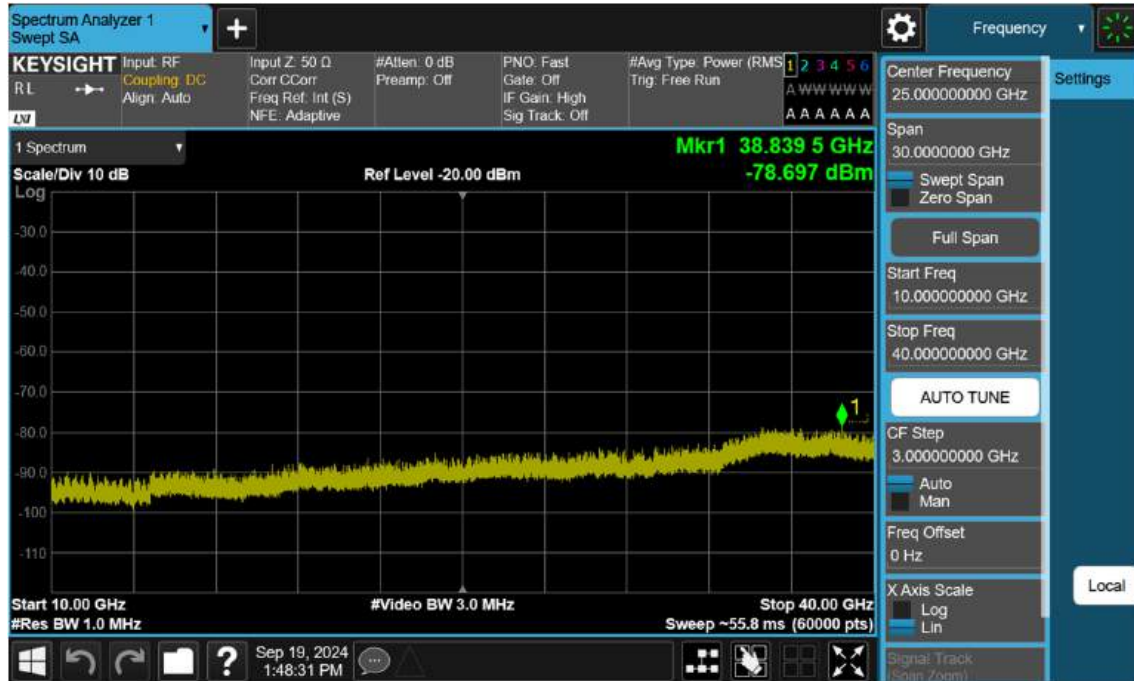
n77(3450~3550 MHz)\_90 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



n77(3450~3550 MHz)\_90 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



n77(3450~3550 MHz)\_100 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



n77(3450~3550 MHz)\_10 M\_Band Edge\_Low\_BPSK\_FullRB(1)



n77(3450~3550 MHz)\_10 M\_Band Edge\_Low\_BPSK\_1RB(1)



n77(3450~3550 MHz)\_10 M\_Band Edge\_Low\_BPSK\_FullRB(2)





n77(3450~3550 MHz)\_10 M\_Band Edge\_Low\_BPSK\_1RB(2)



n77(3450~3550 MHz)\_10 M\_Band Edge\_Low\_BPSK\_FullRB(3)



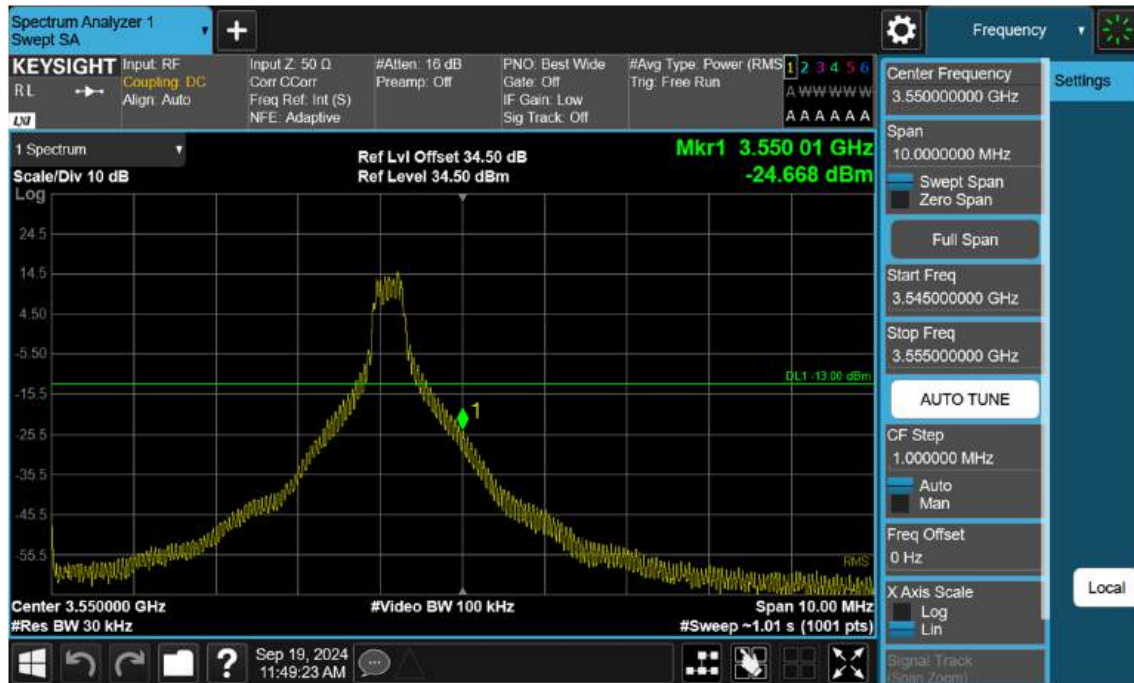
n77(3450~3550 MHz)\_10 M\_Band Edge\_Low\_BPSK\_1RB(3)



n77(3450~3550 MHz)\_10 M\_Band Edge\_High\_BPSK\_FullRB(1)



n77(3450~3550 MHz)\_10 M\_Band Edge\_High\_BPSK\_1RB(1)



n77(3450~3550 MHz)\_10 M\_Band Edge\_High\_BPSK\_FullRB(2)



The screenshot displays the Keysight Spectrum Analyzer interface. The main display area shows a spectrum plot with a yellow trace. The plot is labeled "1 Spectrum" and "Scale/Div 10 dB". The frequency range is from 3.551000 GHz to 3.551000 GHz, with a video bandwidth of 2.0 MHz. The signal level is 34.50 dBm. The plot shows a signal trace with a peak at 3.551008 GHz and a level of -33.530 dBm. The trace is labeled "Mkr1 3.551 008 GHz -33.530 dBm". The plot also shows a noise floor at -13.00 dBm. The plot is labeled "DL1 -13.00 dBm". The plot is labeled "RMS". The plot is labeled "Start 3.551000 GHz #Res BW 510 kHz #Video BW 2.0 MHz Stop 3.551000 GHz #Sweep ~1.01 s (1001 pts)".

The interface includes various settings and controls:

- Top Bar:** Spectrum Analyzer 1, Swept SA, Input: RF, Coupling: DC, Align: Auto, Input Z: 50  $\Omega$ , Corr: CCorr, Freq Ref: Int (S), NFE: Adaptive, #Atten: 16 dB, Preamp: Off, PNO: Best Wide, Gate: Off, IF Gain: Low, Sig Track: Off, #Avg Type: Power (RMS), Trig: Free Run.
- Right Panel:** Center Frequency: 3.553000000 GHz, Span: 4.000000000 MHz, Swept Span, Zero Span, Full Span, Start Freq: 3.551000000 GHz, Stop Freq: 3.555000000 GHz, AUTO TUNE, CF Step: 400.000 kHz, Auto, Man, Freq Offset: 0 Hz, X Axis Scale: Log, Lin, Signal Track: (Sigs./Zones).
- Bottom Bar:** Windows, Navigation, Help, Date/Time: Sep 19, 2024 11:49:52 AM, Settings, Local.



n77(3450~3550 MHz)\_10 M\_Band Edge\_High\_BPSK\_FullRB(3)



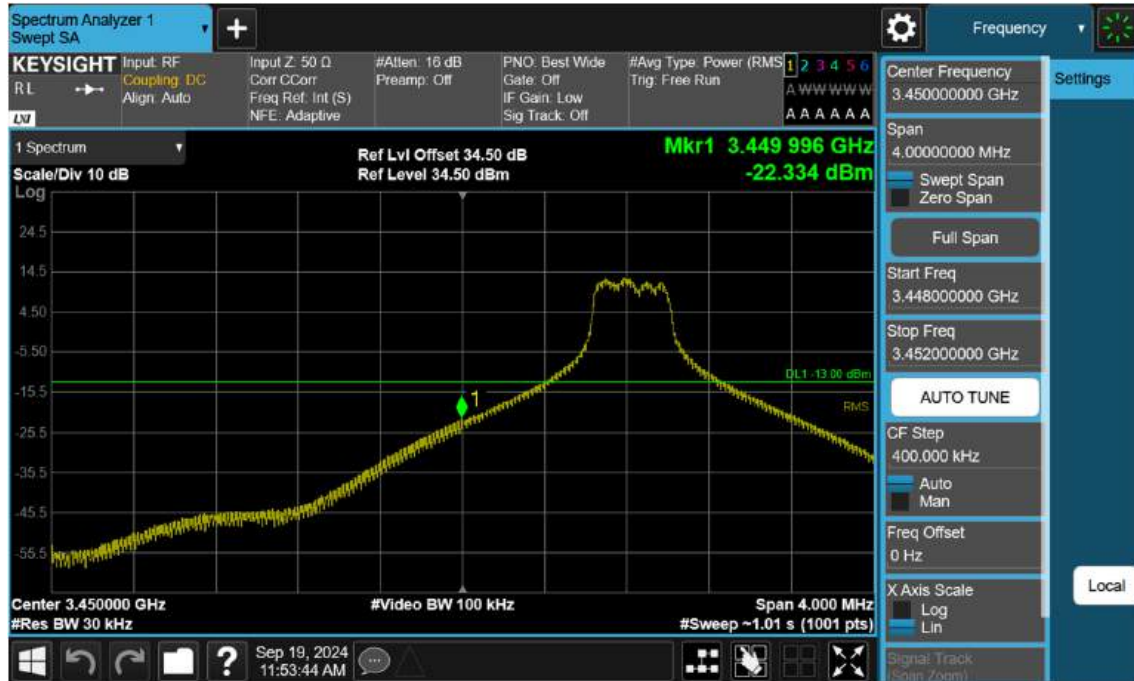
n77(3450~3550 MHz)\_10 M\_Band Edge\_High\_BPSK\_1RB(3)



n77(3450~3550 MHz)\_15 M\_Band Edge\_Low\_BPSK\_FullRB(1)



n77(3450~3550 MHz)\_15 M\_Band Edge\_Low\_BPSK\_1RB(1)



n77(3450~3550 MHz)\_15 M\_Band Edge\_Low\_BPSK\_FullRB(2)



n77(3450~3550 MHz)\_15 M\_Band Edge\_Low\_BPSK\_1RB(2)



n77(3450~3550 MHz)\_15 M\_Band Edge\_Low\_BPSK\_FullRB(3)





n77(3450~3550 MHz)\_15 M\_Band Edge\_Low\_BPSK\_1RB(3)



n77(3450~3550 MHz)\_15 M\_Band Edge\_High\_BPSK\_FullRB(1)



n77(3450~3550 MHz)\_15 M\_Band Edge\_High\_BPSK\_1RB(1)



The screenshot displays the Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a signal at 3.554640 GHz and a power level of -30.953 dBm. The plot is labeled 'Mkr1 3.554 640 GHz -30.953 dBm'. The interface includes various control panels for input, attenuation, and frequency, as well as a main display area showing the spectrum plot.

**Top Panel:**

- Keysight:** Input: RF, Coupling: DC, Align: Auto
- Input Z:** 50  $\Omega$ , Corr: CCorr, Freq Ref: Int (S), NFE: Adaptive
- #Atten:** 16 dB, Preamp: Off
- PNO:** Best Wide, Gate: Off, IF Gain: Low, Sig Track: Off
- #Avg Type:** Power (RMS), Trig: Free Run
- Frequency:** 3.553000000 GHz

**Left Panel:**

- 1 Spectrum:** Scale/Div 10 dB, Log
- Ref Lvl Offset:** 34.50 dB
- Ref Level:** 34.50 dBm

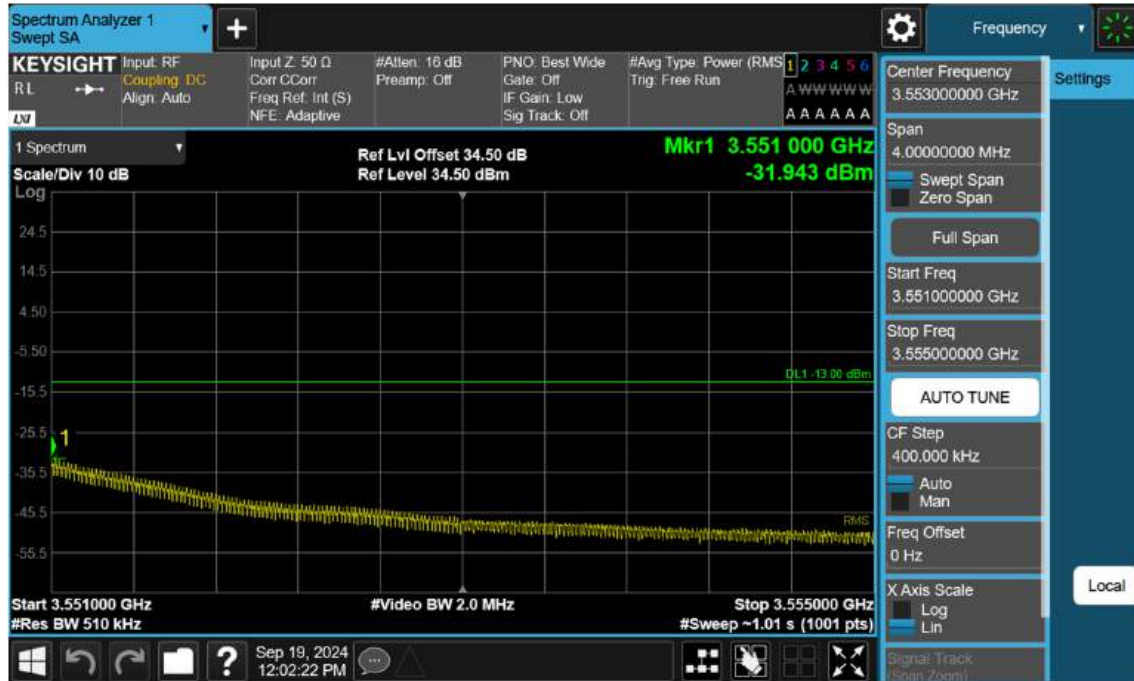
**Right Panel:**

- Center Frequency:** 3.553000000 GHz
- Span:** 4.000000000 MHz
- Swept Span:** ☒ Swept Span, ☐ Zero Span
- Full Span:**
- Start Freq:** 3.551000000 GHz
- Stop Freq:** 3.555000000 GHz
- AUTO TUNE:**
- CF Step:** 400.000 kHz
- Auto Man:** ☒ Auto, ☐ Man
- Freq Offset:** 0 Hz
- X Axis Scale:** ☒ Log, ☐ Lin
- Signal Track:** ☐ Sigs, ☐ Noise

**Bottom Panel:**

- Start:** 3.551000 GHz
- #Res:** BW 510 kHz
- #Video BW:** 2.0 MHz
- Stop:** 3.555000 GHz
- #Sweep:** ~1.01 s (1001 pts)

n77(3450~3550 MHz)\_15 M\_Band Edge\_High\_BPSK\_1RB(2)



n77(3450~3550 MHz)\_15 M\_Band Edge\_High\_BPSK\_FullRB(3)



n77(3450~3550 MHz)\_15 M\_Band Edge\_High\_BPSK\_1RB(3)





n77(3450~3550 MHz)\_20 M\_Band Edge\_Low\_BPSK\_FullRB(1)



n77(3450~3550 MHz)\_20 M\_Band Edge\_Low\_BPSK\_1RB(1)



n77(3450~3550 MHz)\_20 M\_Band Edge\_Low\_BPSK\_FullRB(2)



n77(3450~3550 MHz)\_20 M\_Band Edge\_Low\_BPSK\_1RB(2)



n77(3450~3550 MHz)\_20 M\_Band Edge\_Low\_BPSK\_FullRB(3)



n77(3450~3550 MHz)\_20 M\_Band Edge\_Low\_BPSK\_1RB(3)



n77(3450~3550 MHz)\_20 M\_Band Edge\_High\_BPSK\_FullRB(1)





n77(3450~3550 MHz)\_20 M\_Band Edge\_High\_BPSK\_1RB(1)



n77(3450~3550 MHz)\_20 M\_Band Edge\_High\_BPSK\_FullRB(2)



n77(3450~3550 MHz)\_20 M\_Band Edge\_High\_BPSK\_1RB(2)



n77(3450~3550 MHz)\_20 M\_Band Edge\_High\_BPSK\_FullRB(3)



n77(3450~3550 MHz)\_20 M\_Band Edge\_High\_BPSK\_1RB(3)



n77(3450~3550 MHz)\_30 M\_Band Edge\_Low\_BPSK\_FullRB(1)



n77(3450~3550 MHz)\_30 M\_Band Edge\_Low\_BPSK\_1RB(1)





n77(3450~3550 MHz)\_30 M\_Band Edge\_Low\_BPSK\_FullRB(2)



n77(3450~3550 MHz)\_30 M\_Band Edge\_Low\_BPSK\_1RB(2)



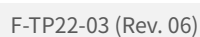
n77(3450~3550 MHz)\_30 M\_Band Edge\_Low\_BPSK\_FullRB(3)



n77(3450~3550 MHz)\_30 M\_Band Edge\_Low\_BPSK\_1RB(3)



n77(3450~3550 MHz)\_30 M\_Band Edge\_High\_BPSK\_FullRB(1)



n77(3450~3550 MHz)\_30 M\_Band Edge\_High\_BPSK\_1RB(1)



n77(3450~3550 MHz)\_30 M\_Band Edge\_High\_BPSK\_FullRB(2)





n77(3450~3550 MHz)\_30 M\_Band Edge\_High\_BPSK\_1RB(2)



n77(3450~3550 MHz)\_30 M\_Band Edge\_High\_BPSK\_FullRB(3)



n77(3450~3550 MHz)\_30 M\_Band Edge\_High\_BPSK\_1RB(3)



n77(3450~3550 MHz)\_40 M\_Band Edge\_Low\_BPSK\_FullRB(1)



n77(3450~3550 MHz)\_40 M\_Band Edge\_Low\_BPSK\_1RB(1)



n77(3450~3550 MHz)\_40 M\_Band Edge\_Low\_BPSK\_FullRB(2)



n77(3450~3550 MHz)\_40 M\_Band Edge\_Low\_BPSK\_1RB(2)





n77(3450~3550 MHz)\_40 M\_Band Edge\_Low\_BPSK\_FullIRB(3)



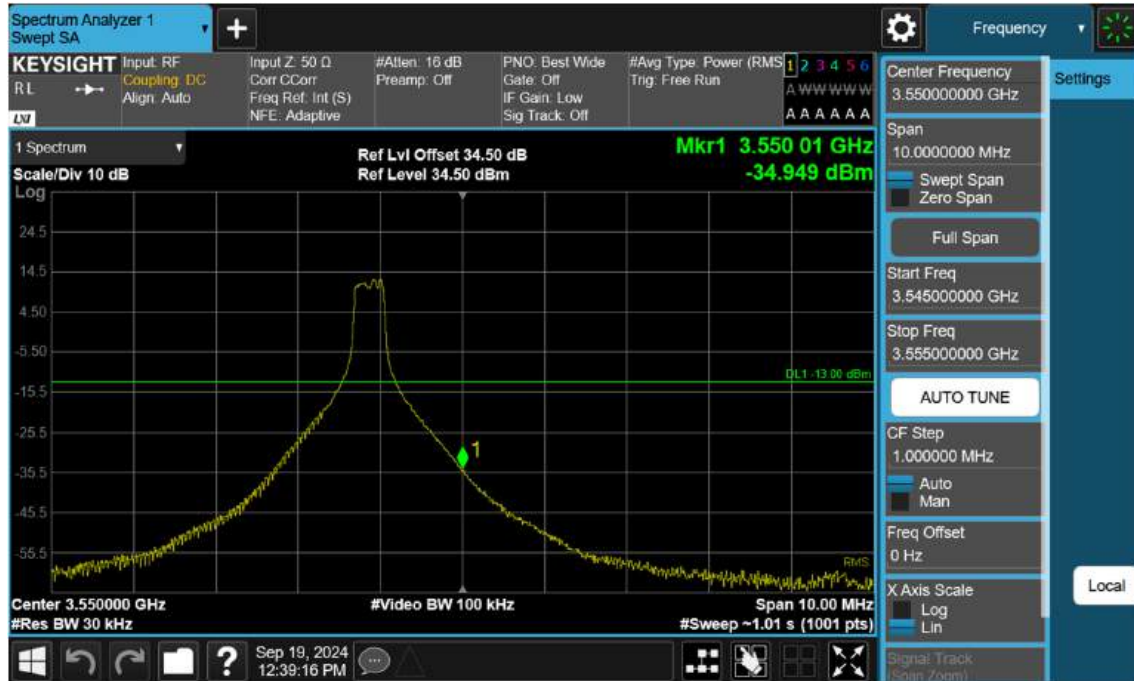
n77(3450~3550 MHz)\_40 M\_Band Edge\_Low\_BPSK\_1RB(3)



n77(3450~3550 MHz)\_40 M\_Band Edge\_High\_BPSK\_FullRB(1)



n77(3450~3550 MHz)\_40 M\_Band Edge\_High\_BPSK\_1RB(1)



n77(3450~3550 MHz)\_40 M\_Band Edge\_High\_BPSK\_FullRB(2)



n77(3450~3550 MHz)\_40 M\_Band Edge\_High\_BPSK\_1RB(2)



n77(3450~3550 MHz)\_40 M\_Band Edge\_High\_BPSK\_FullRB(3)

