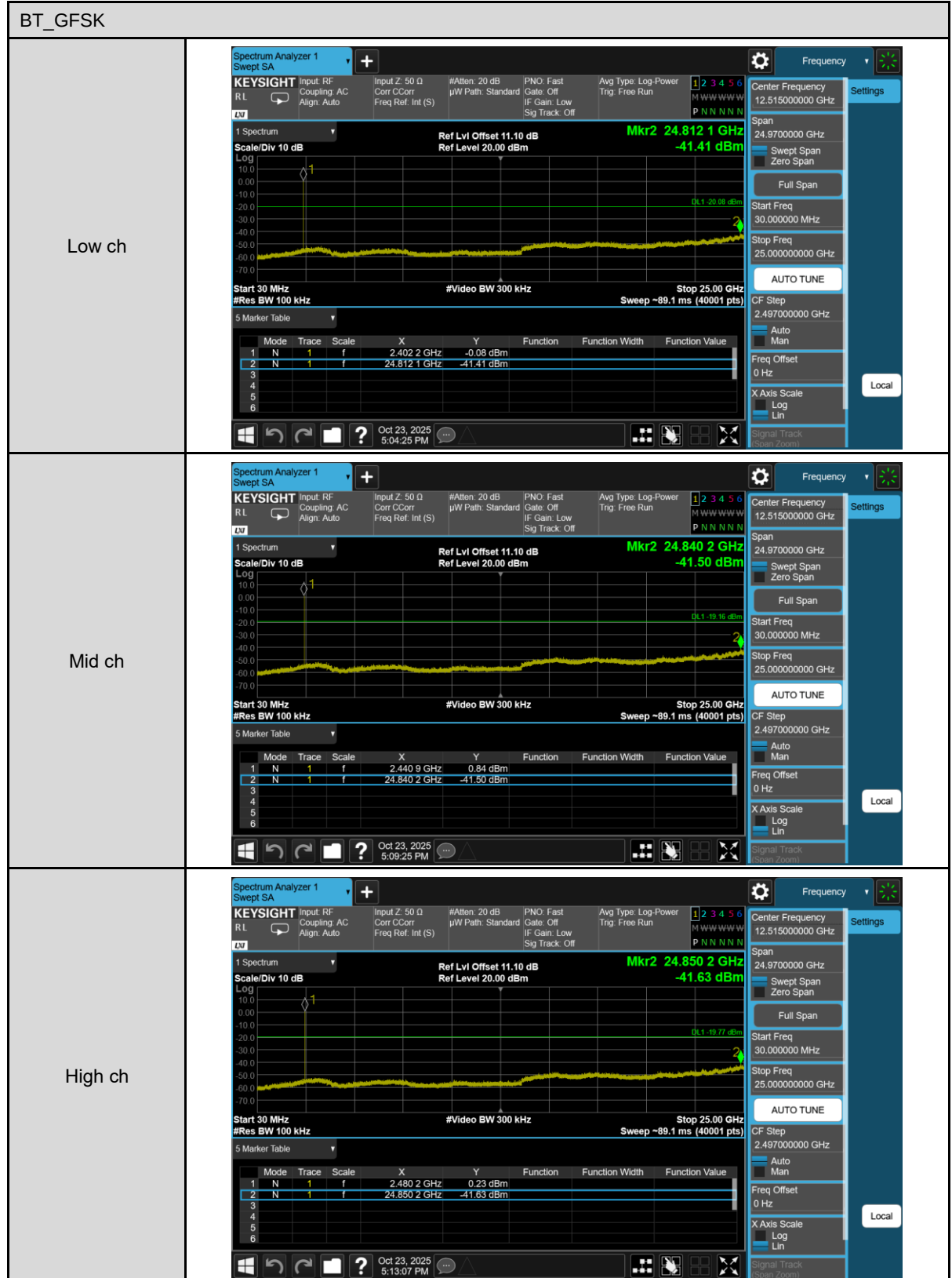


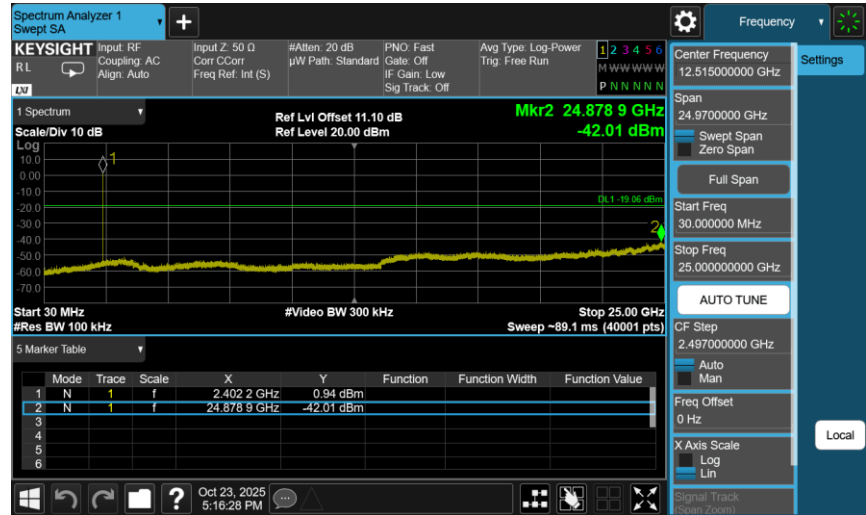
Appendix B. Test Plots

Out of Band Conducted Spurious Emission

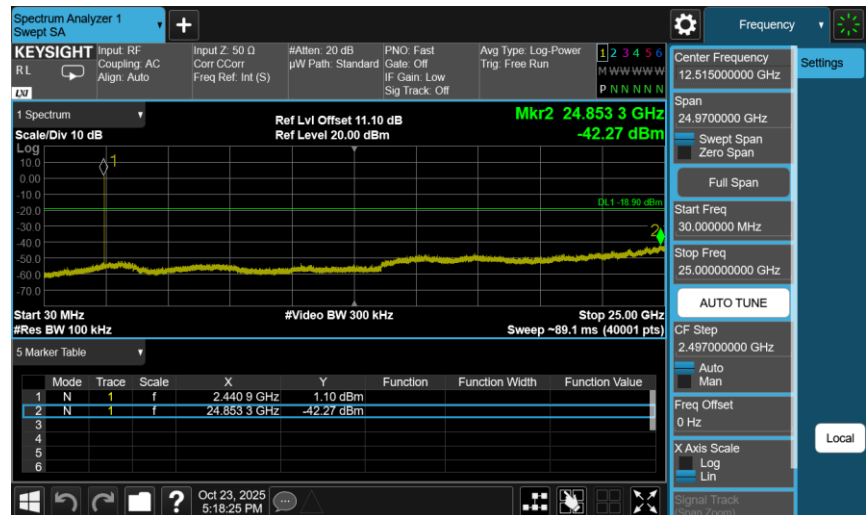


BT_8DPSK

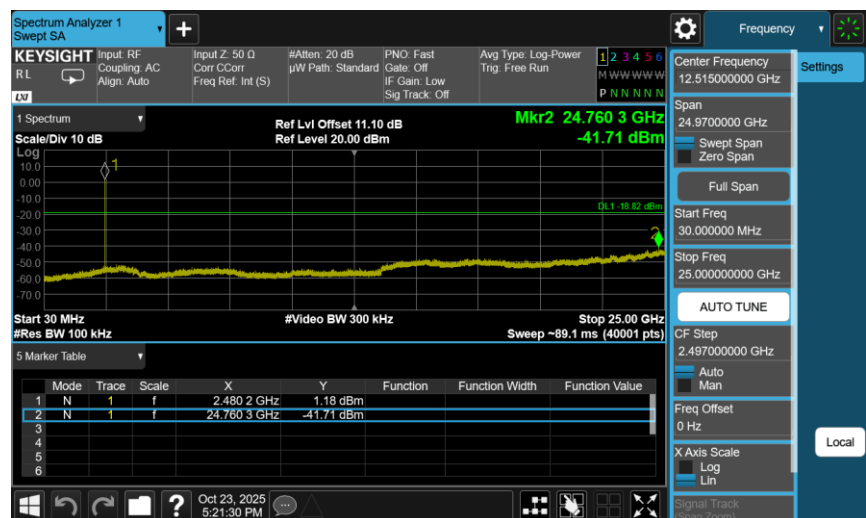
Low ch



Mid ch



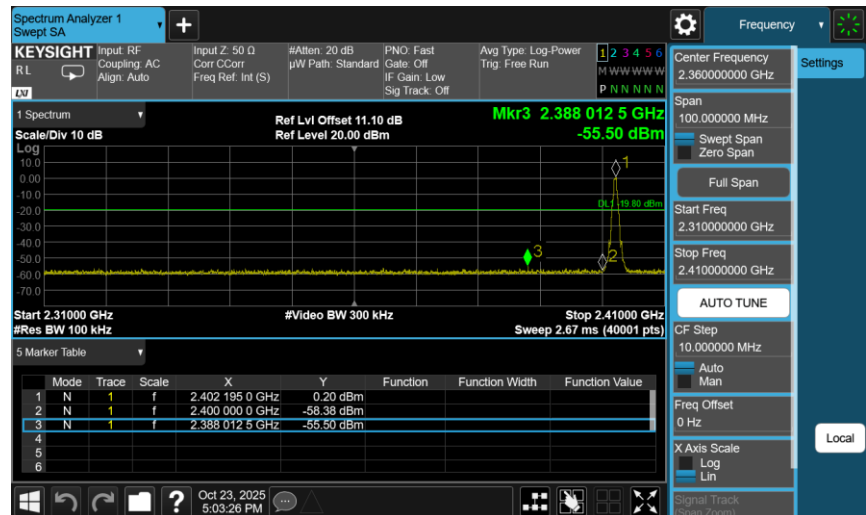
High ch



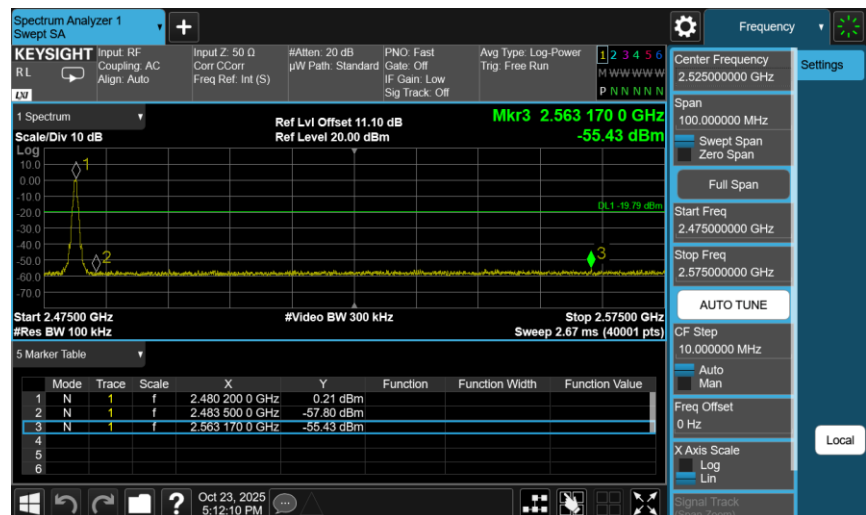
Conducted Band Edge

BT_GFSK_Non-Hopping

Low ch

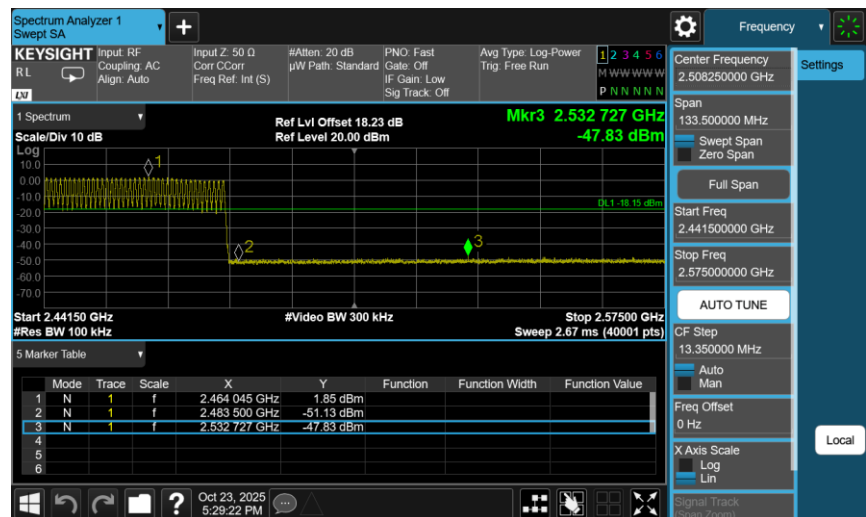
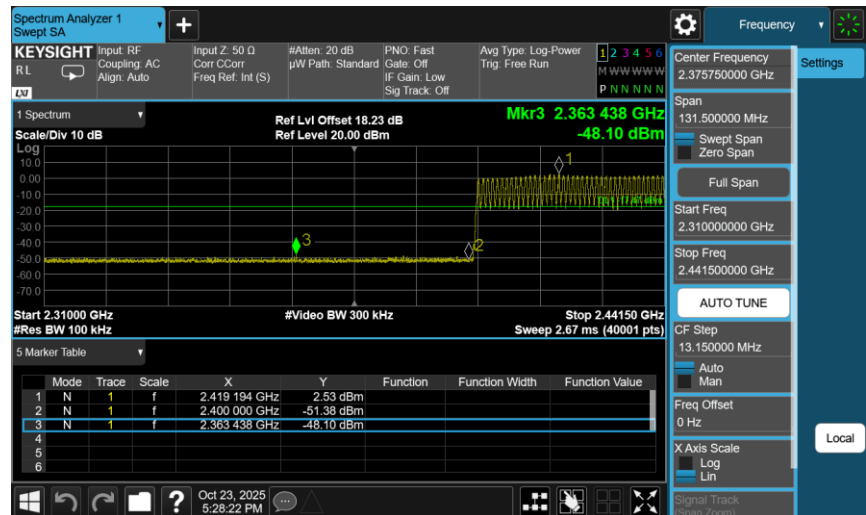


High ch



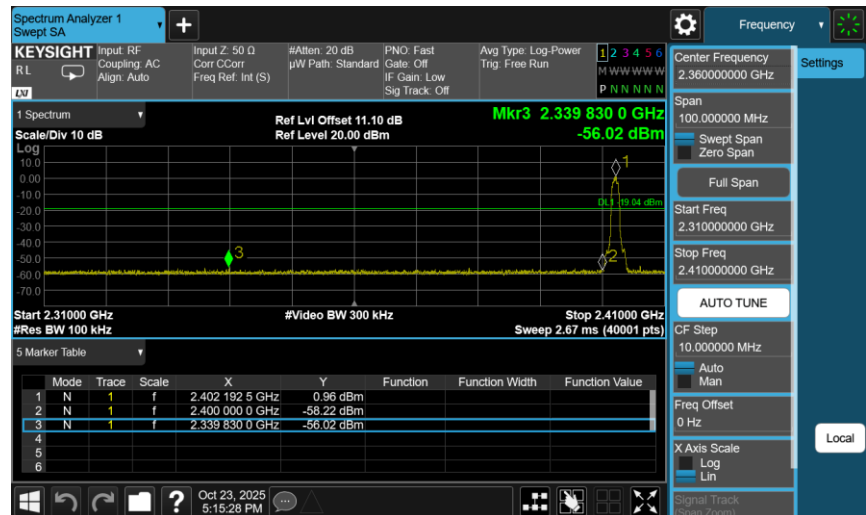
BT_GFSK_Hopping

Low ch-High ch

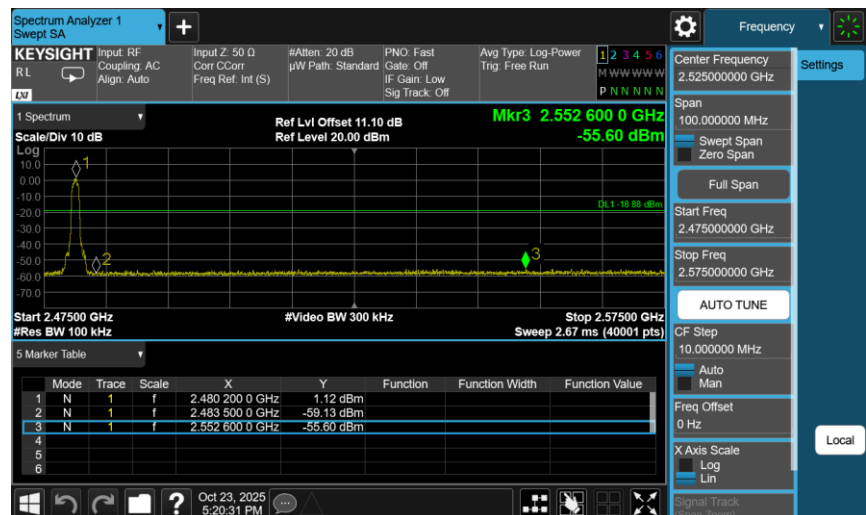


BT_8DPSK _Non-Hopping

Low ch

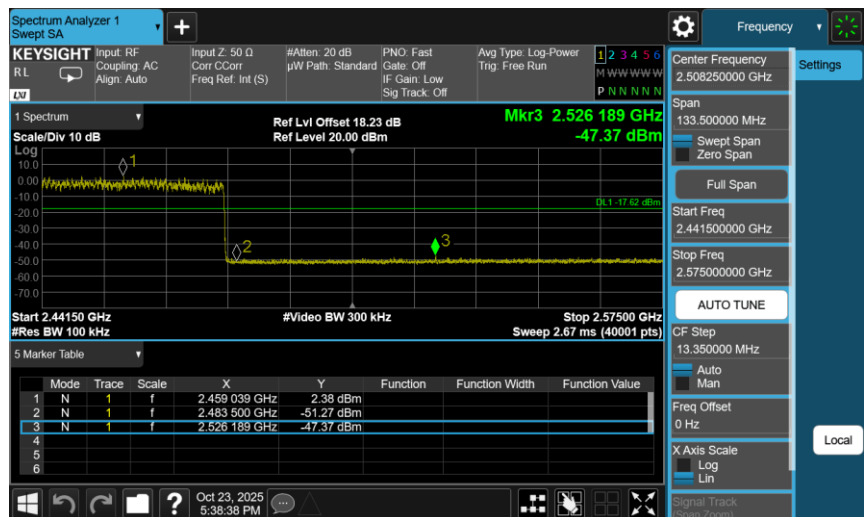
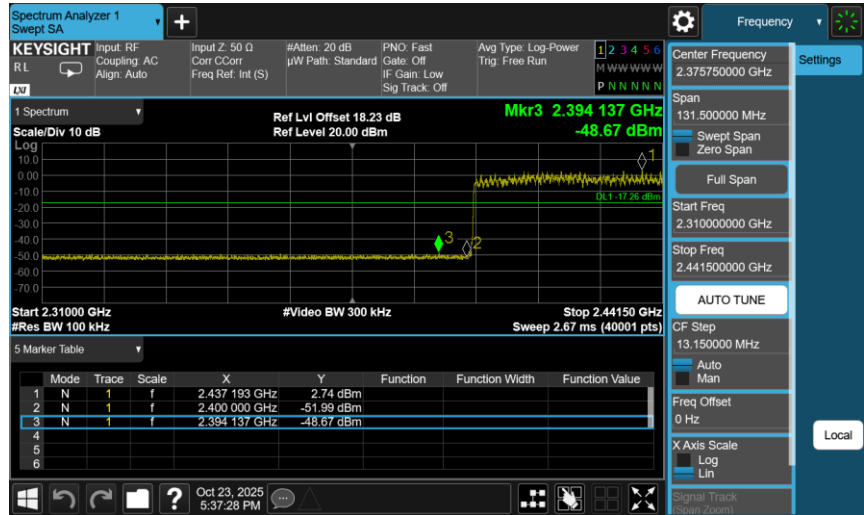


High ch



BT_8DPSK_Hopping

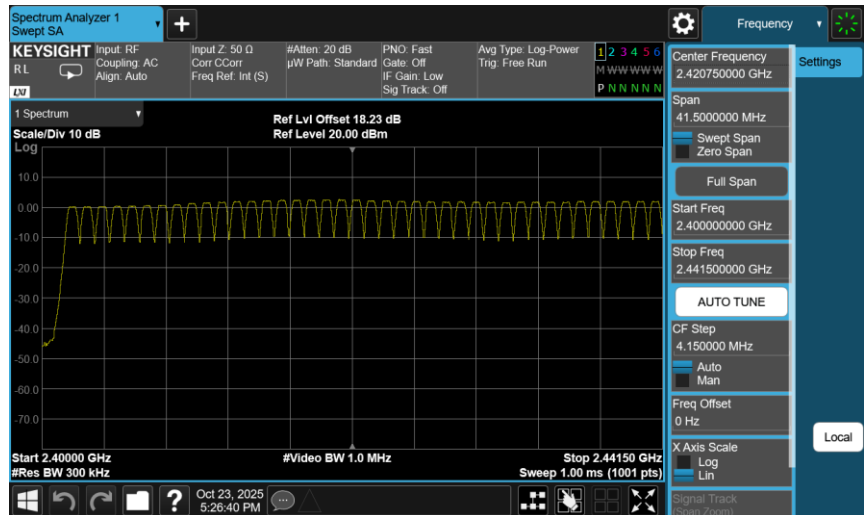
Low ch-High ch



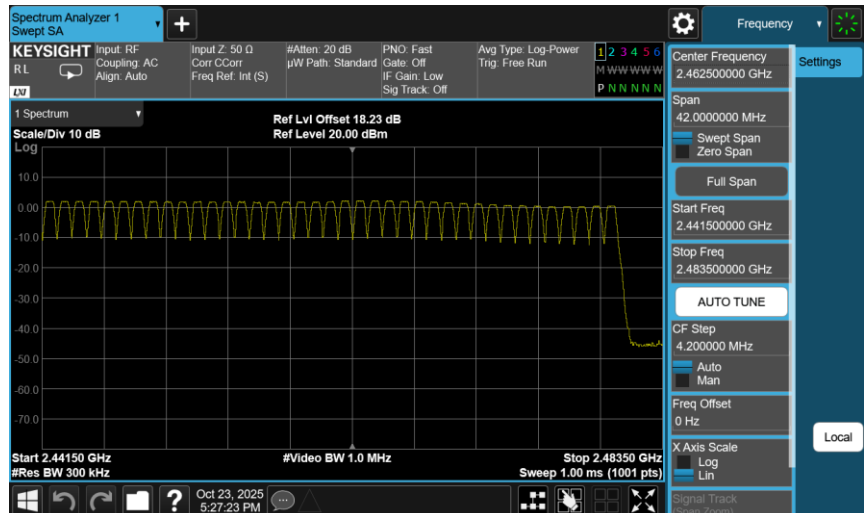
Number of Hopping

BT_GFSK

CH00 - CH39

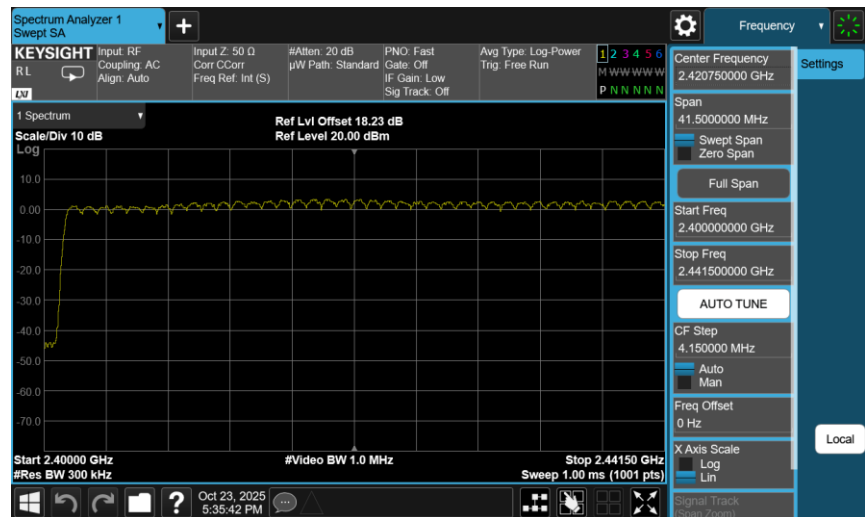


CH39- CH78

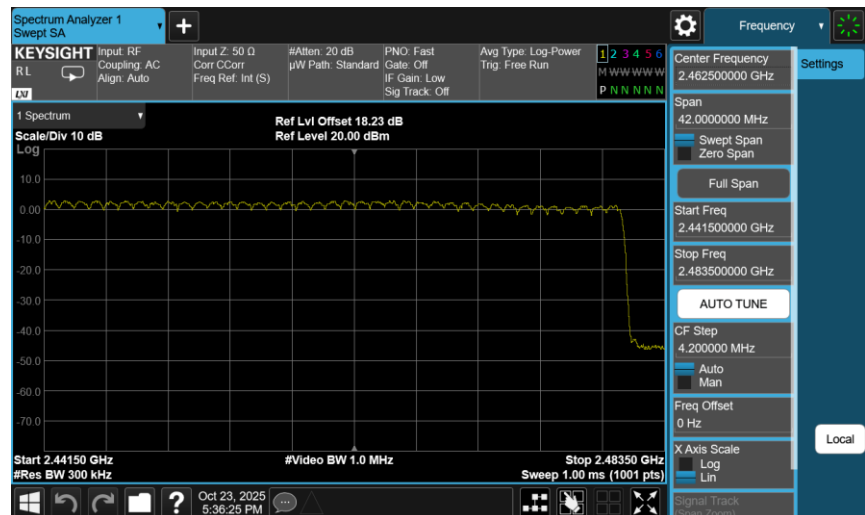


BT_8DPSK

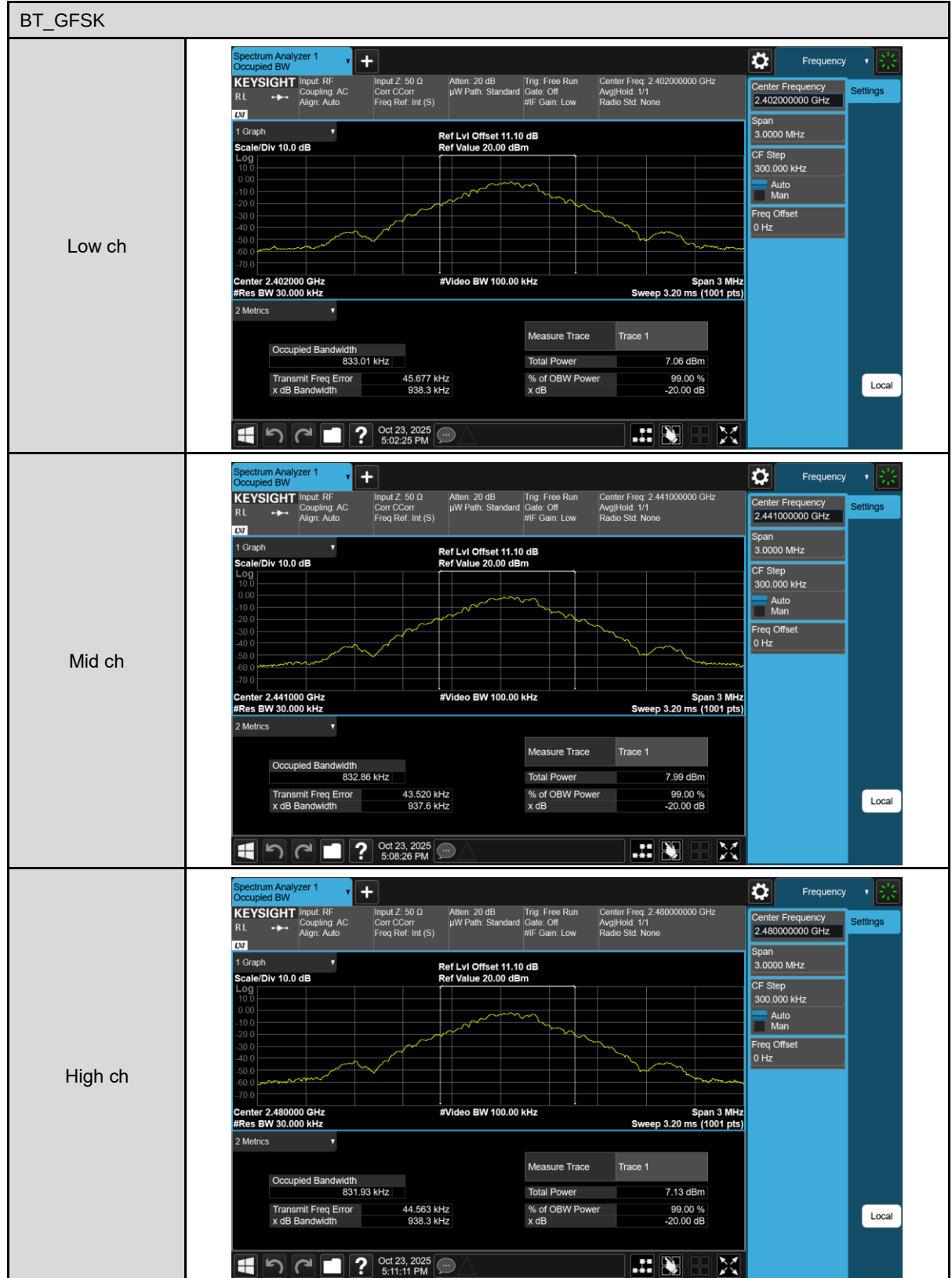
CH00 - CH39

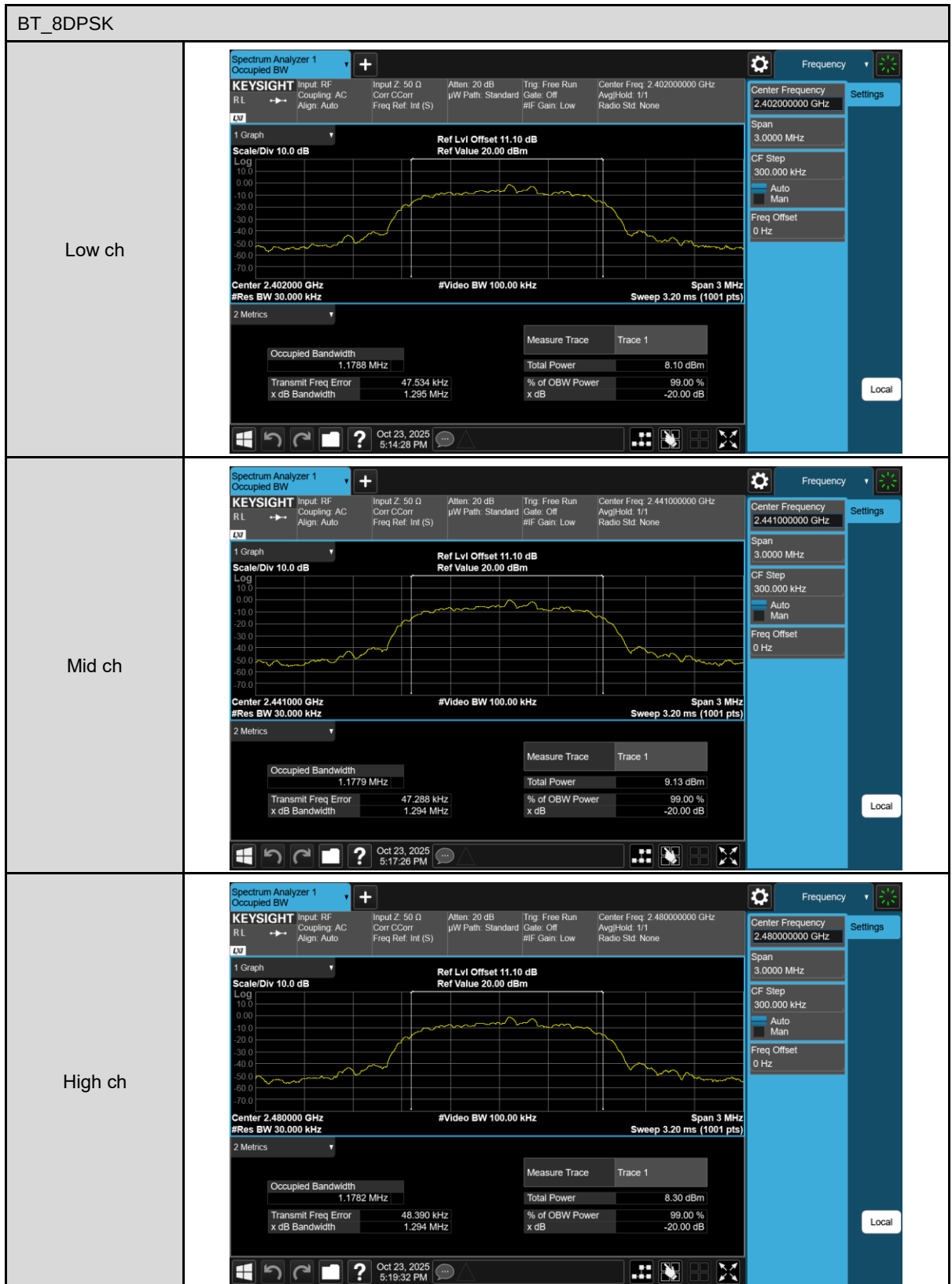


CH39- CH78

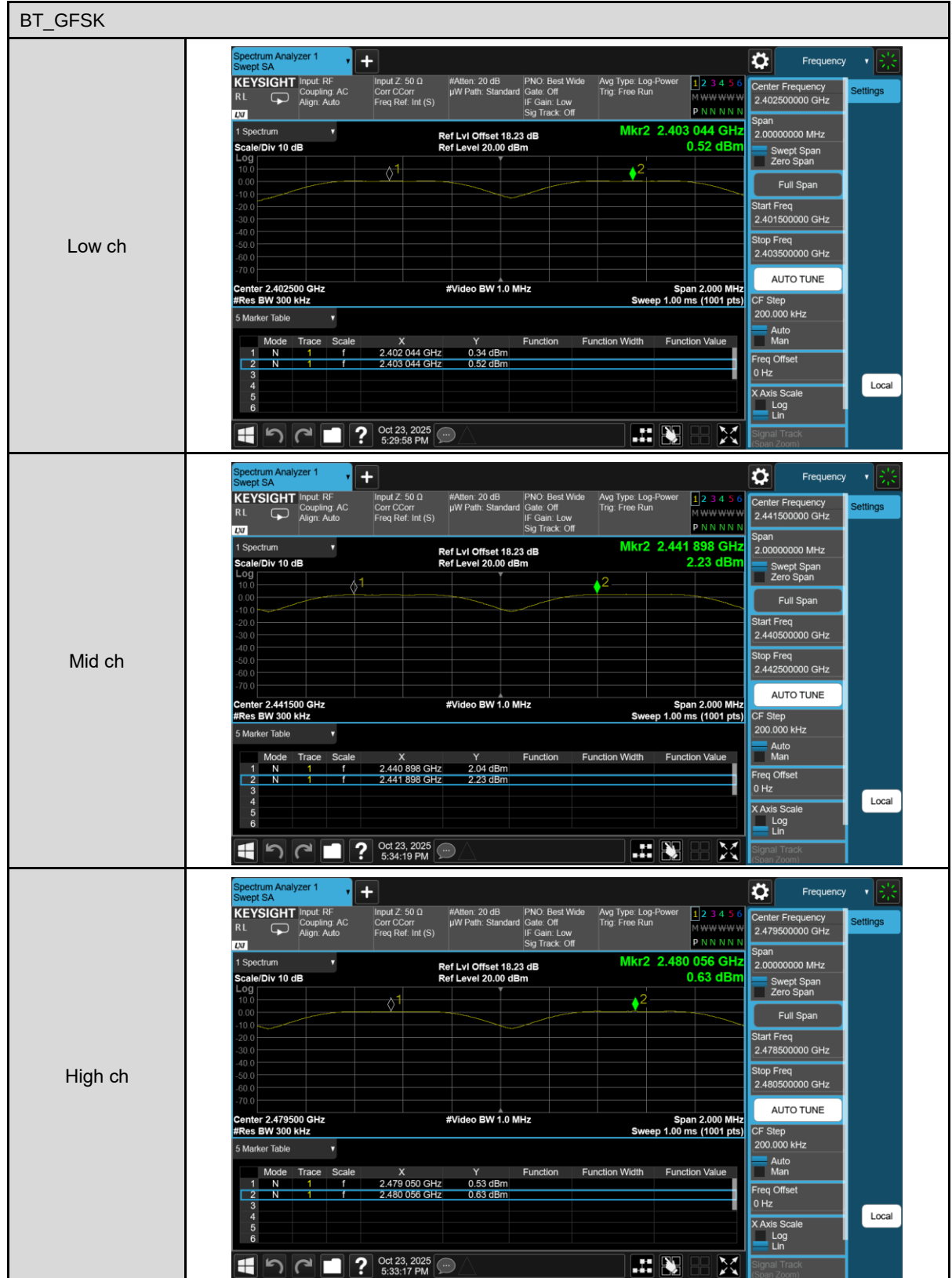


20 dB RF Bandwidth & 99 % Occupied Bandwidth



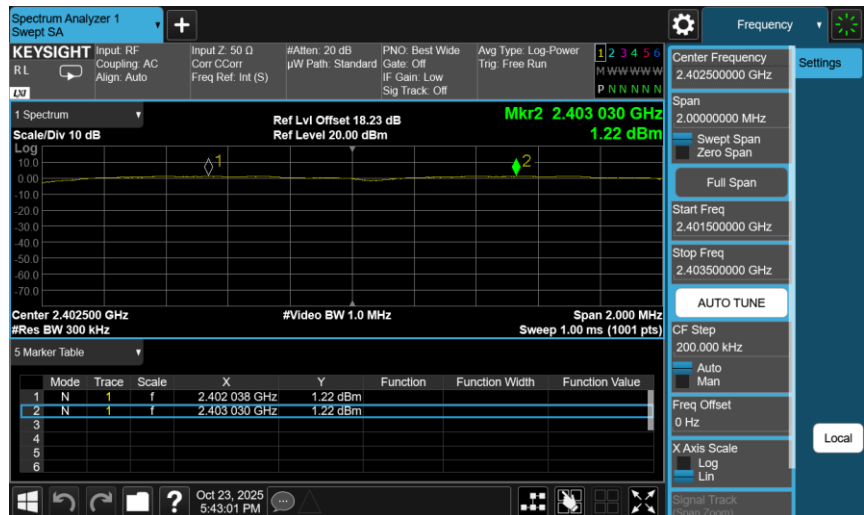


Carrier Frequency Separation

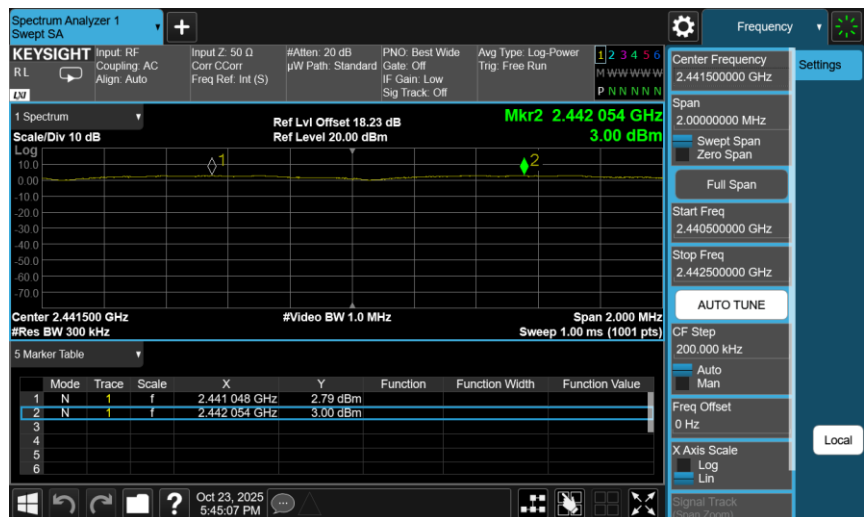


BT_8DPSK

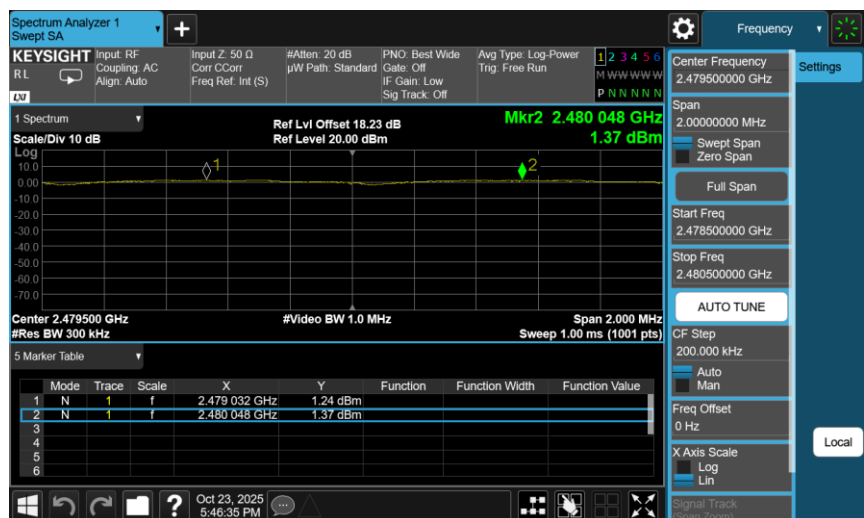
Low ch



Mid ch



High ch



Time of Occupancy (Dwell Time)

BT_GFSK

DH1

Spectrum Analyzer 1
Sweep SA

Spectrum Analyzer 2
Sweep SA

+

KEYSIGHT

Input RF
Coupling AC
Align Auto

Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)

Atten: 30 dB
 μ W Path: Standard

IPNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

Avg Type: Log-Power
Trig: Free Run

1 2 3 4 5 6
WWW WWW
P N N N N N

Center Frequency
2.402000000 GHz

Settings

1 Spectrum

Scale/Div 10 dB

Ref Level 20.00 dBm

1

2

3

1

2

3

1.247 ms

-1.41 dB

Center 2.402000000 GHz

Video BW 1.0 MHz

Span 0 Hz

Res BW 1.0 MHz

Sweep 6.00 ms (1001 pts)

5 Marker Table

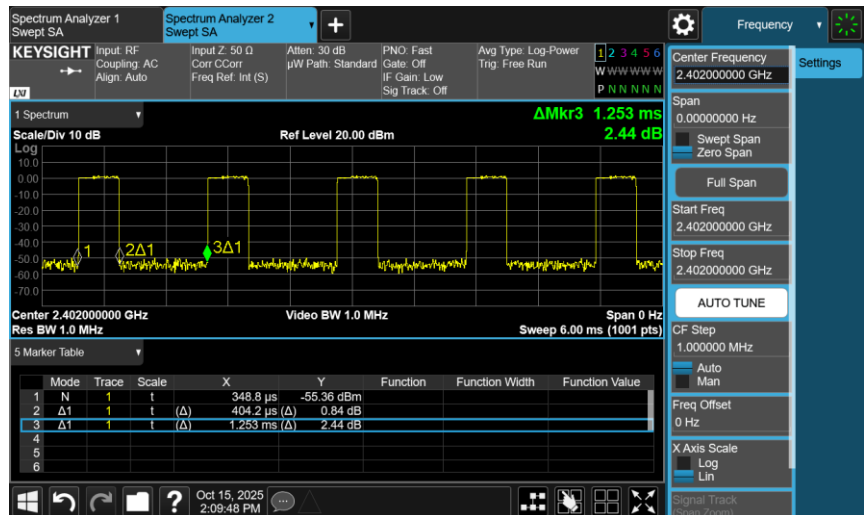
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	t	300.8 μ s	-54.82 dBm			
2	Δ 1	1	t	398.2 μ s (Δ)	0.34 dB			
3	Δ 1	1	t	1.247 ms (Δ)	-1.41 dB			
4								
5								
6								

Oct 15, 2025
2:03:28 PM

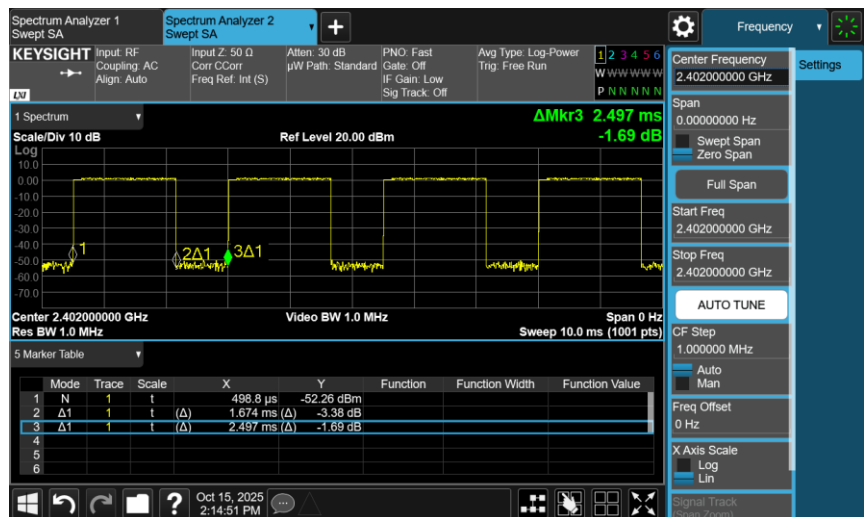
<

BT_π/4-DQPSK

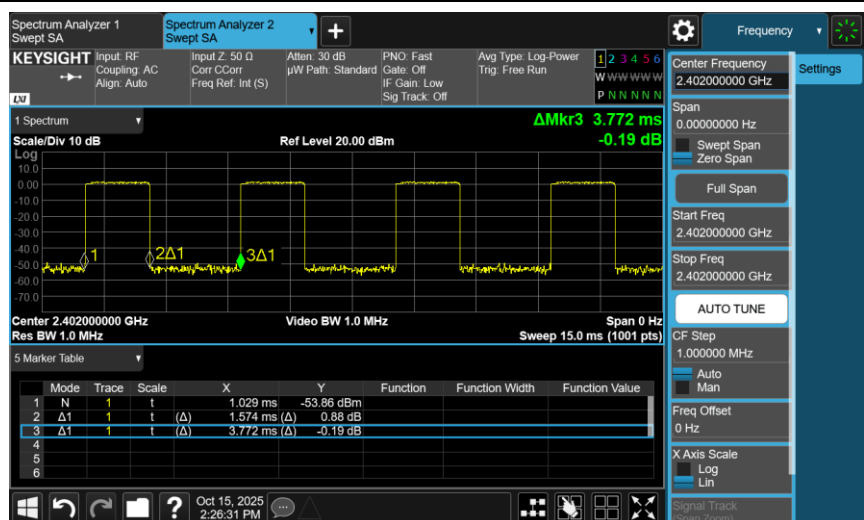
2DH1



2DH3

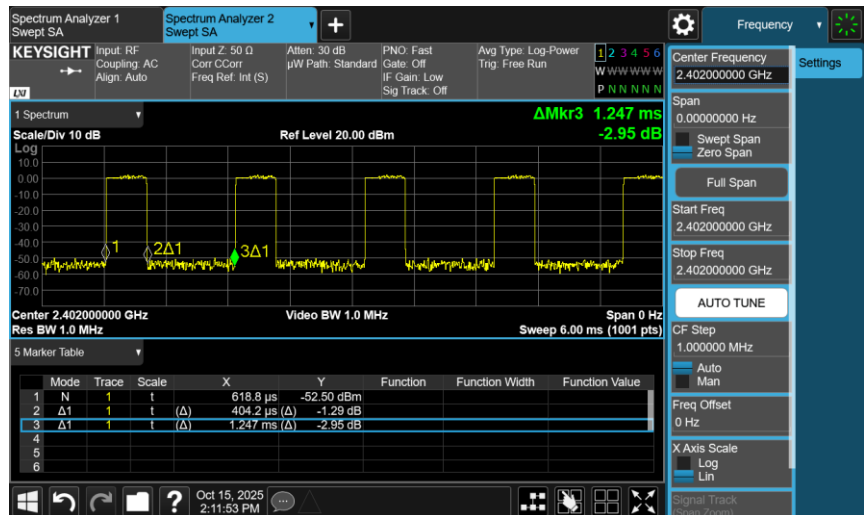


2DH5

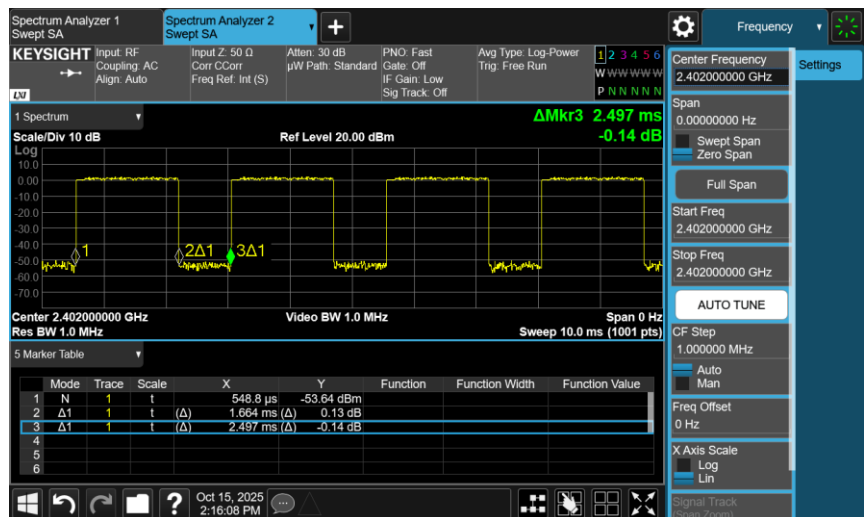


BT_8DPSK

3DH1



3DH3



3DH5

