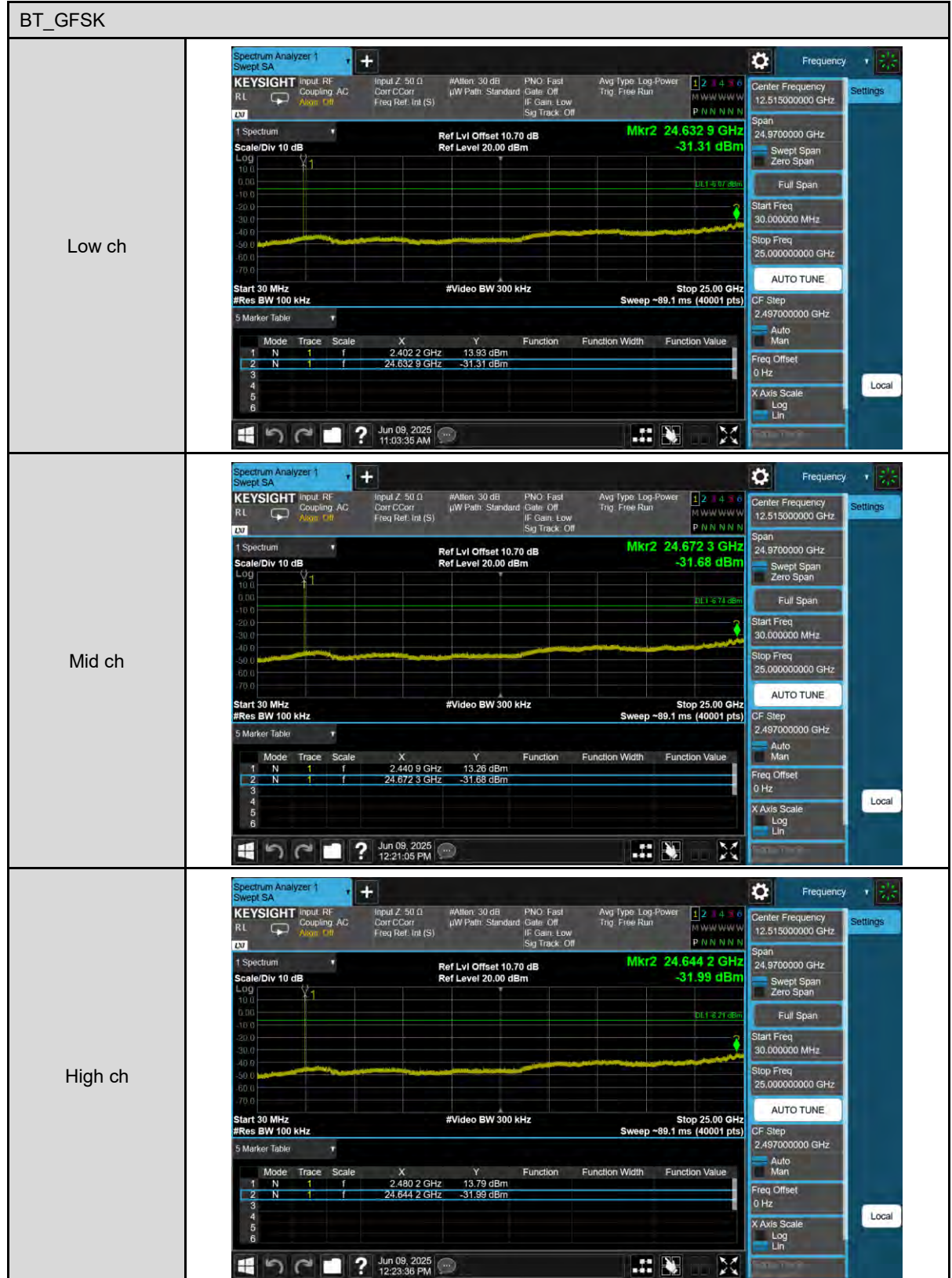
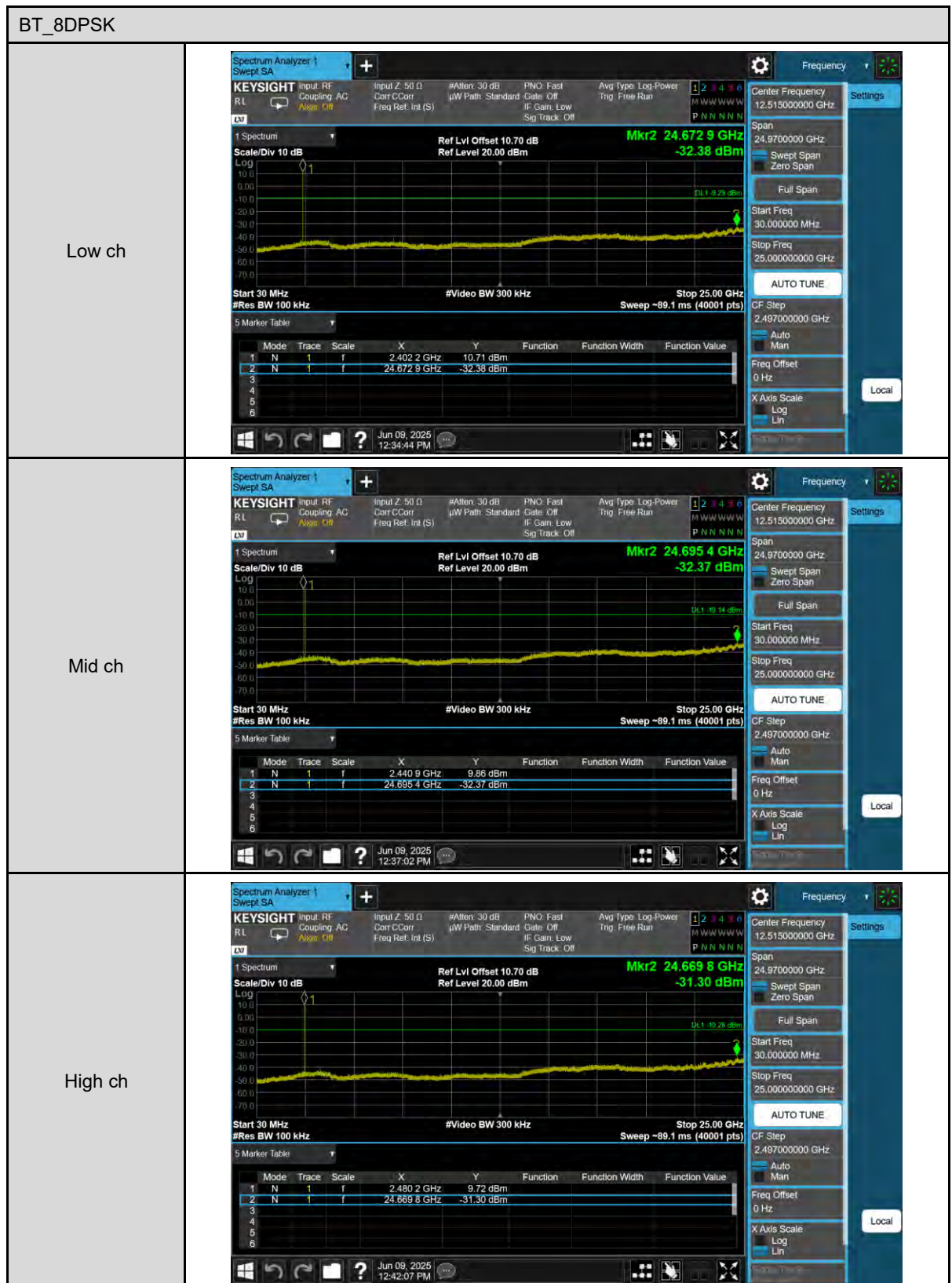


## Appendix B. Test Plots

### Out of Band Conducted Spurious Emission

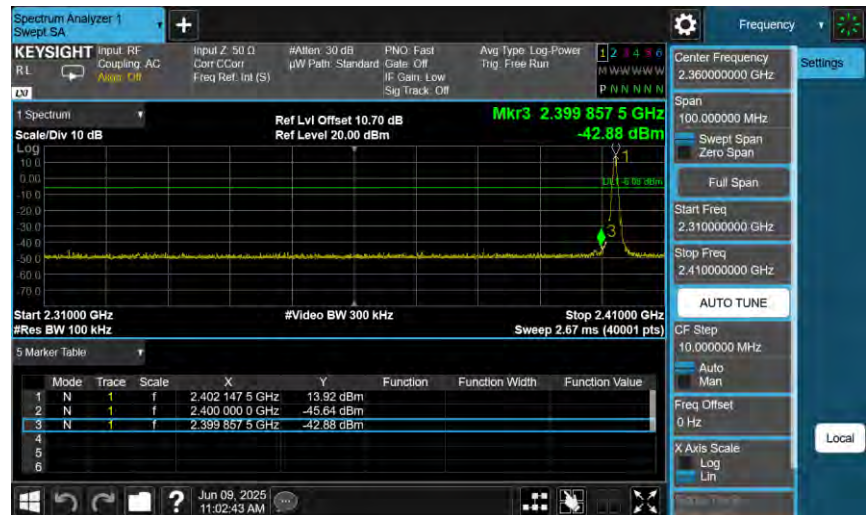




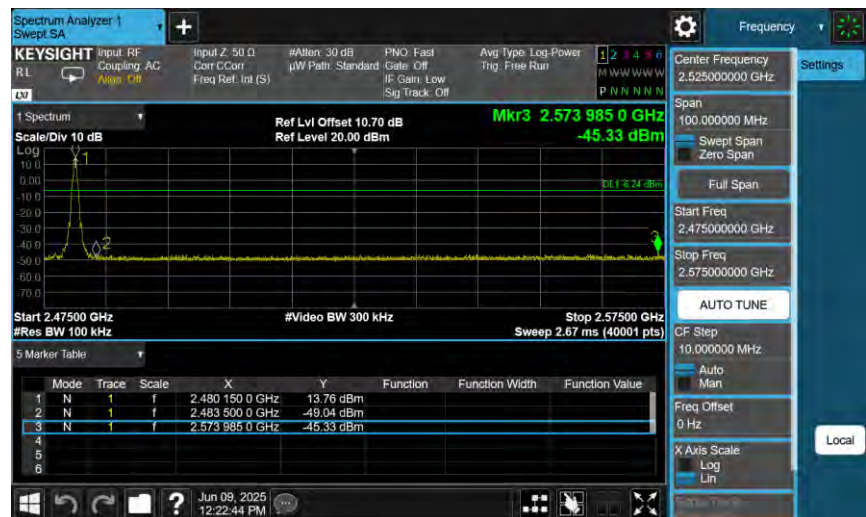
## Conducted Band Edge

BT\_GFSK\_Non-Hopping

Low ch

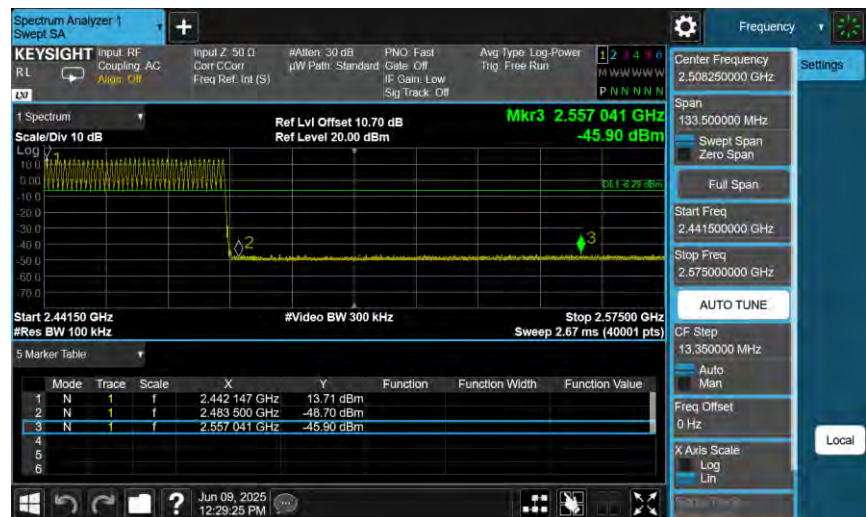
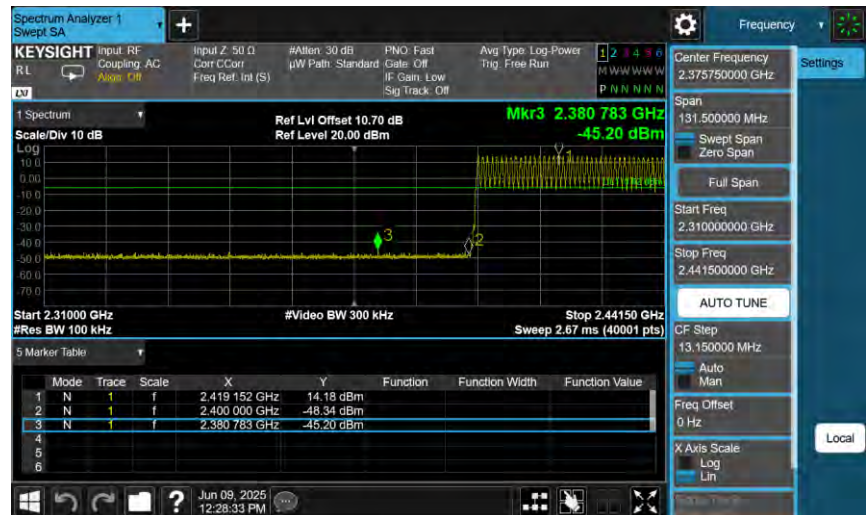


High ch



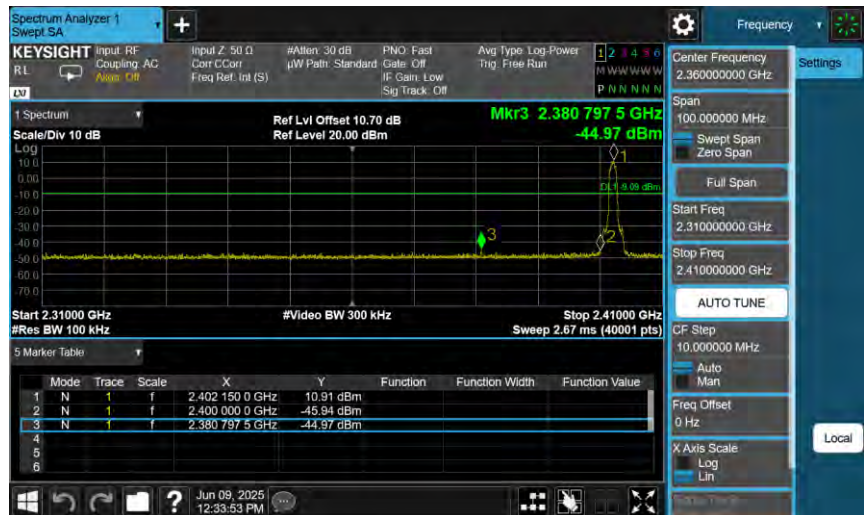
BT\_GFSK\_Hopping

Low ch-High ch

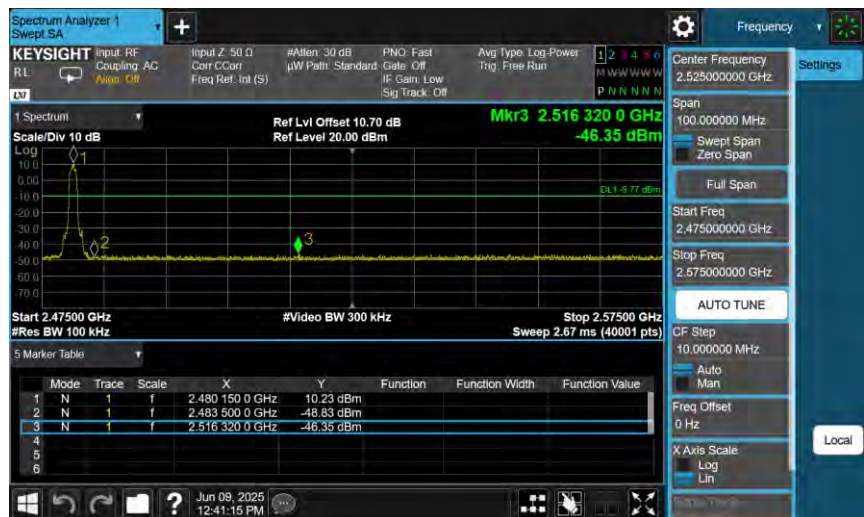


BT\_8DPSK \_Non-Hopping

Low ch

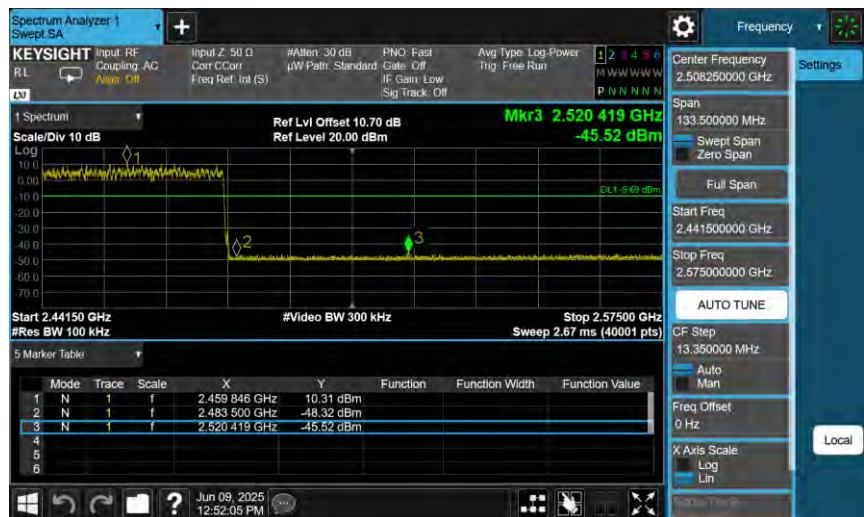
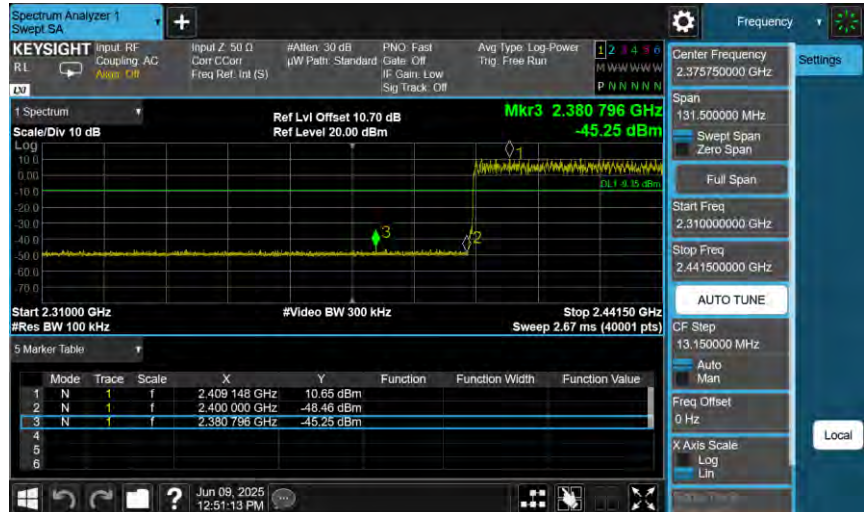


High ch



BT\_8DPSK\_Hopping

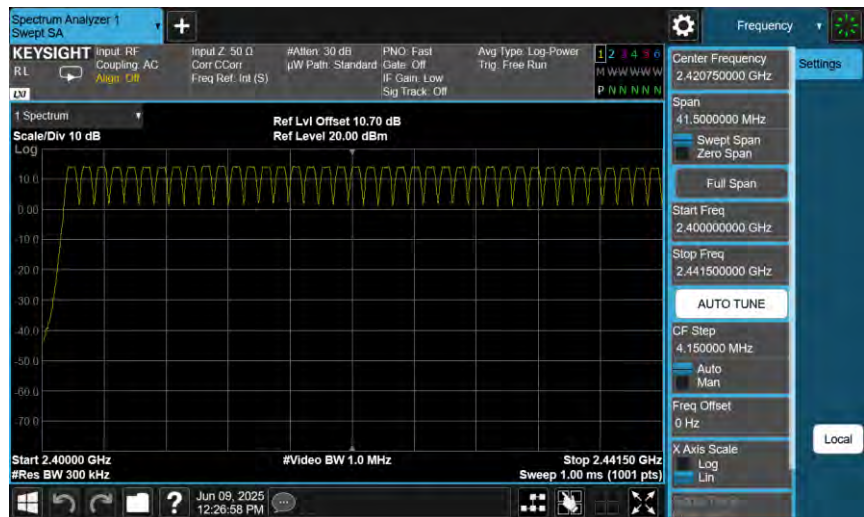
Low ch-High ch



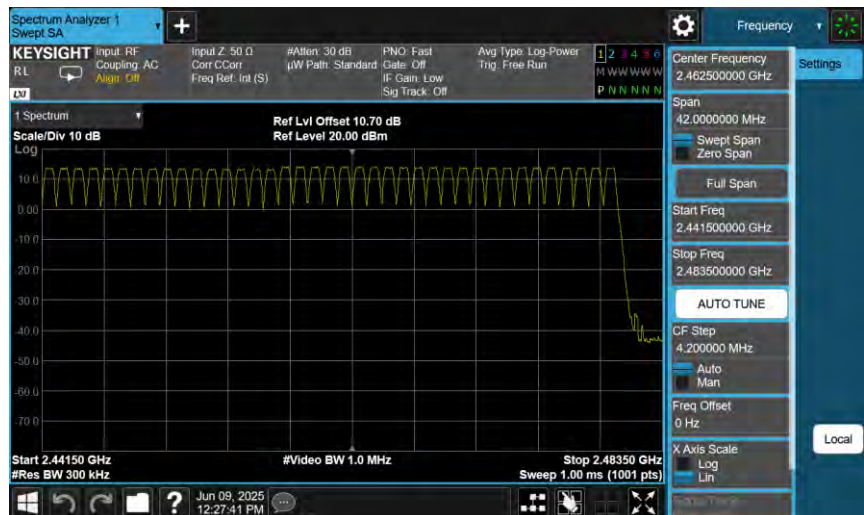
# Number of Hopping

BT\_GFSK

CH00 - CH39

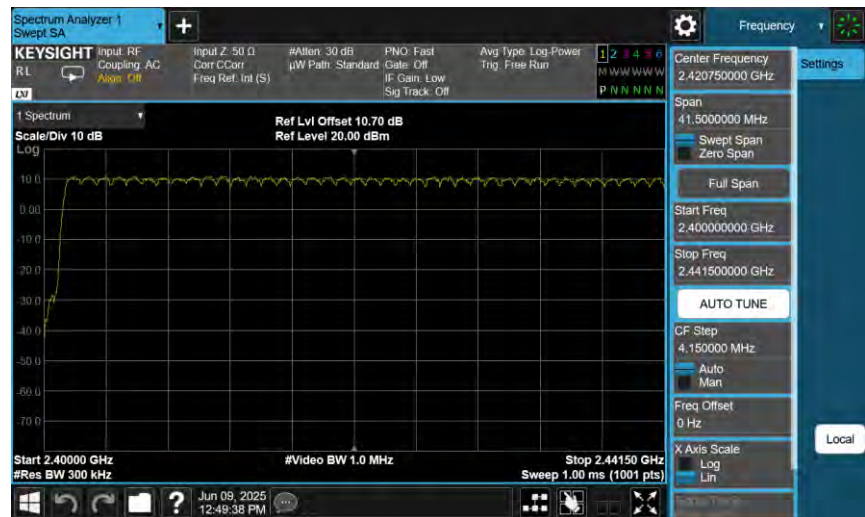


CH39- CH78

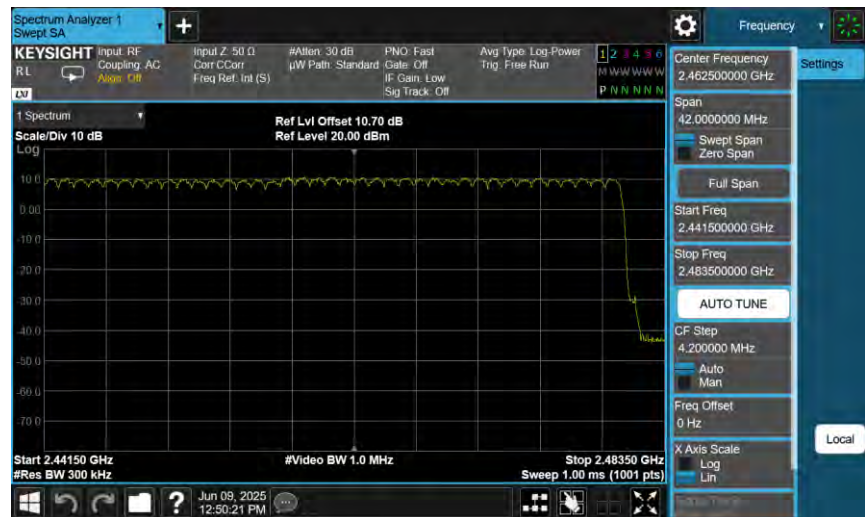


BT\_8DPSK

CH00 - CH39

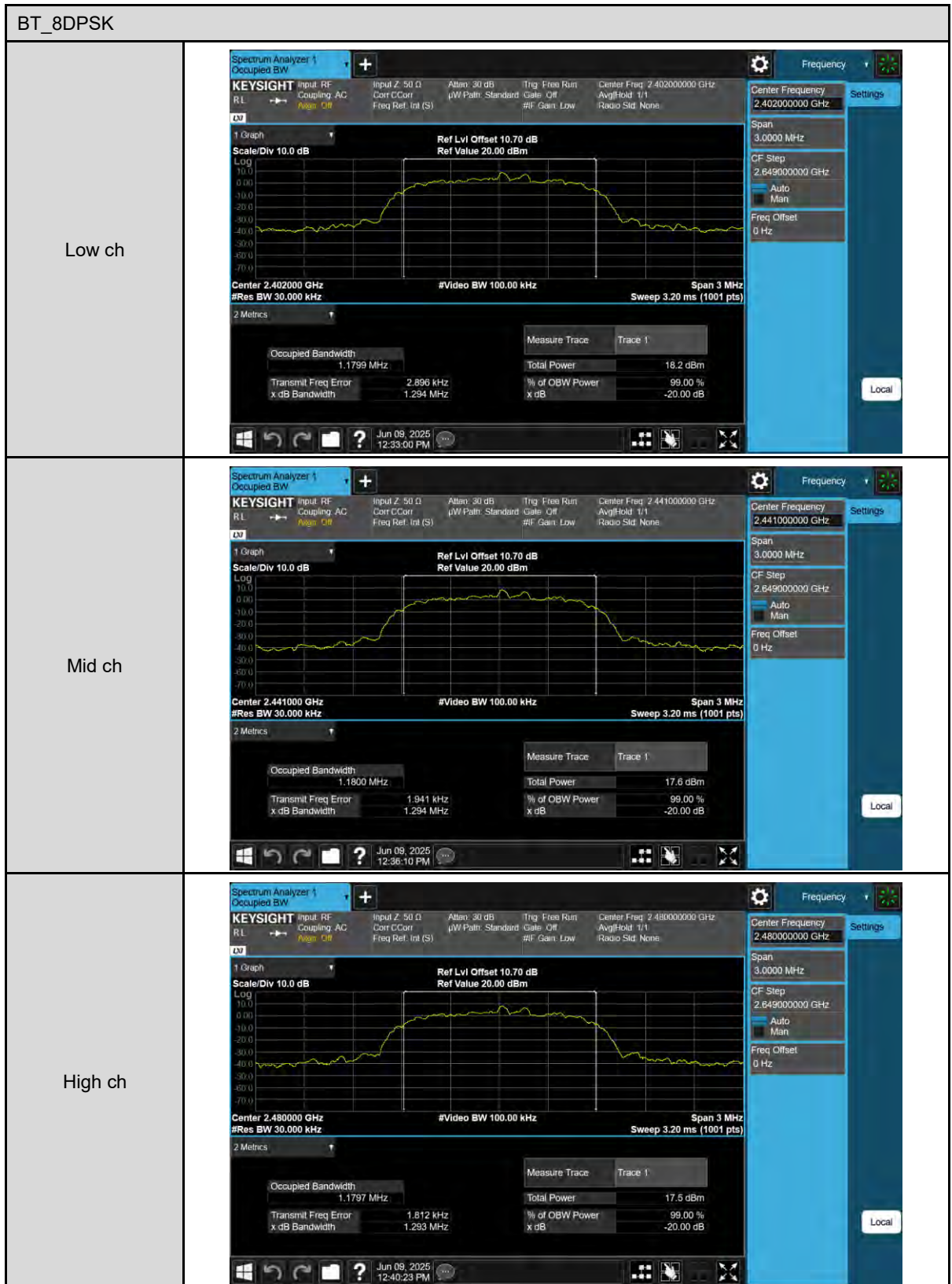


CH39- CH78



20 dB RF Bandwidth & 99 % Occupied Bandwidth

|         |                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------|
| BT_GFSK |  <p>Low ch</p>    |
| Mid ch  |  <p>Mid ch</p>   |
| High ch |  <p>High ch</p> |



## Carrier Frequency Separation

BT\_GFSK

Low ch

Keysight Spectrum Analyzer screenshot for Low channel. The plot shows a signal at 2.403148 GHz with a power level of 14.23 dBm. The center frequency is 2.402500 GHz, and the span is 2.000 MHz. The resolution bandwidth is 300 kHz. The marker table shows two markers: Marker 1 at 2.402150 GHz and Marker 2 at 2.403148 GHz.

| Mode | Trace | Scale | X | Y            | Function  | Function Width | Function Value |
|------|-------|-------|---|--------------|-----------|----------------|----------------|
| 1    | N     | 1     | f | 2.402150 GHz | 14.27 dBm |                |                |
| 2    | N     | 1     | f | 2.403148 GHz | 14.23 dBm |                |                |

Mid ch

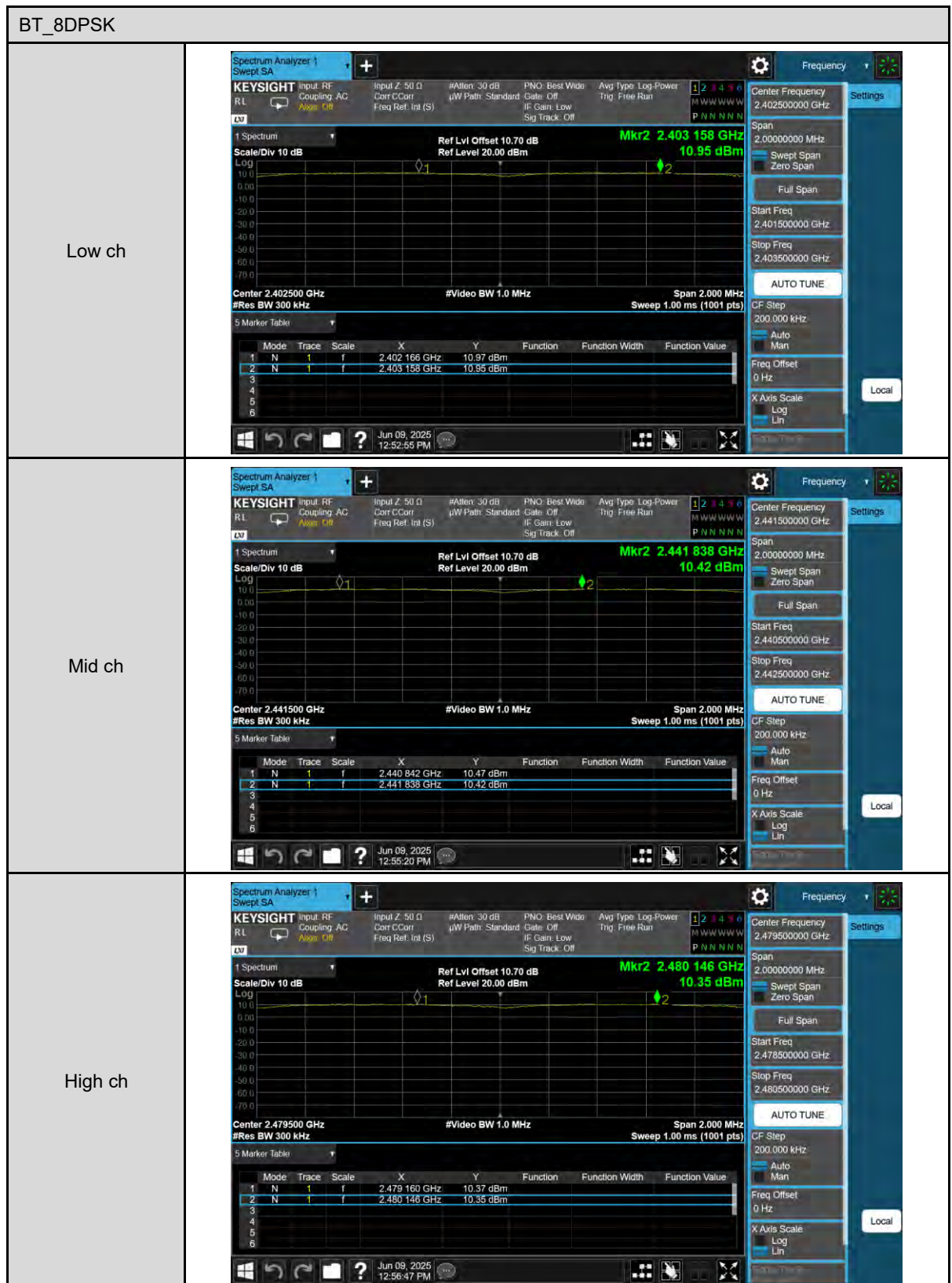
Keysight Spectrum Analyzer screenshot for Mid channel. The plot shows a signal at 2.441854 GHz with a power level of 13.81 dBm. The center frequency is 2.441500 GHz, and the span is 2.000 MHz. The resolution bandwidth is 300 kHz. The marker table shows two markers: Marker 1 at 2.440850 GHz and Marker 2 at 2.441854 GHz.

| Mode | Trace | Scale | X | Y            | Function  | Function Width | Function Value |
|------|-------|-------|---|--------------|-----------|----------------|----------------|
| 1    | N     | 1     | f | 2.440850 GHz | 13.85 dBm |                |                |
| 2    | N     | 1     | f | 2.441854 GHz | 13.81 dBm |                |                |

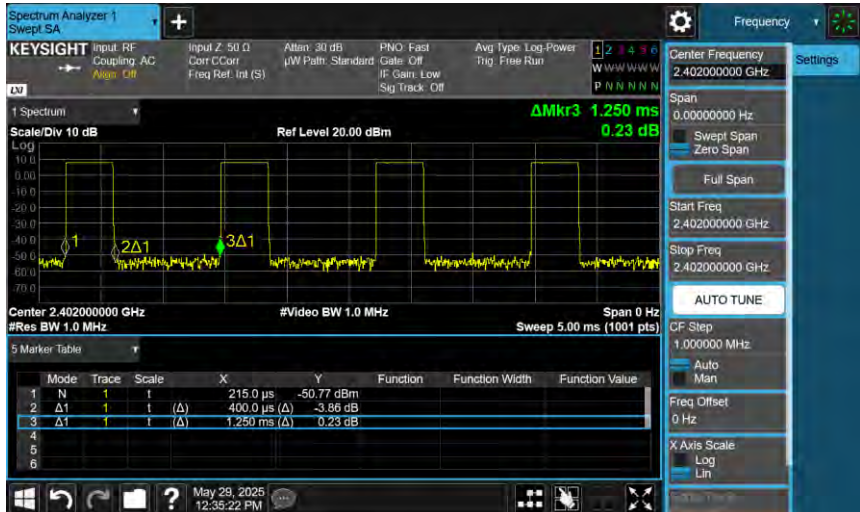
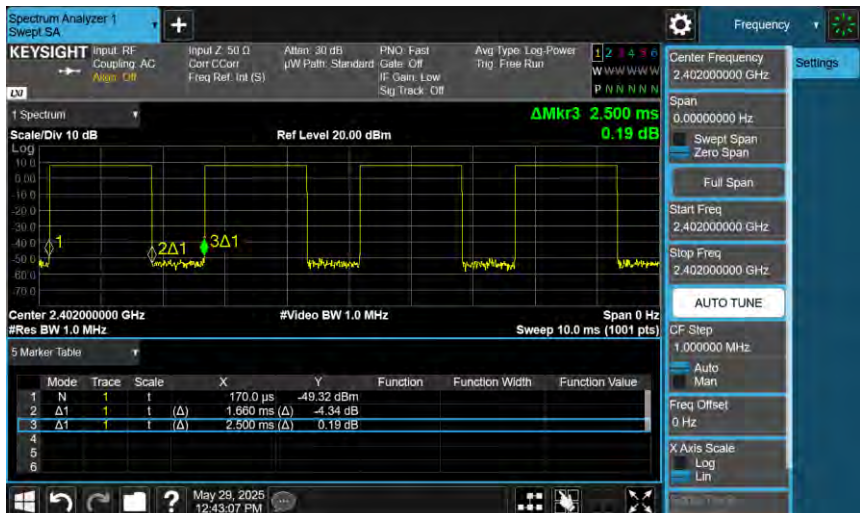
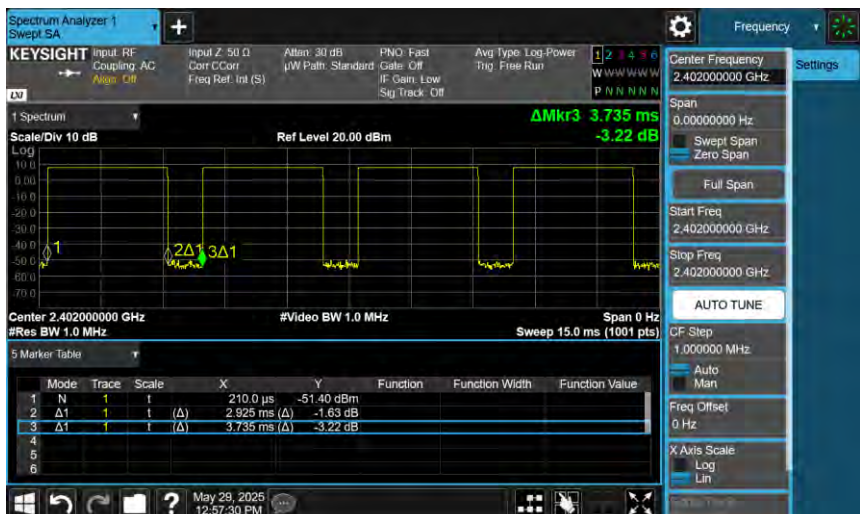
High ch

Keysight Spectrum Analyzer screenshot for High channel. The plot shows a signal at 2.480154 GHz with a power level of 13.83 dBm. The center frequency is 2.479500 GHz, and the span is 2.000 MHz. The resolution bandwidth is 300 kHz. The marker table shows two markers: Marker 1 at 2.478848 GHz and Marker 2 at 2.480154 GHz.

| Mode | Trace | Scale | X | Y            | Function  | Function Width | Function Value |
|------|-------|-------|---|--------------|-----------|----------------|----------------|
| 1    | N     | 1     | f | 2.478848 GHz | 13.87 dBm |                |                |
| 2    | N     | 1     | f | 2.480154 GHz | 13.83 dBm |                |                |

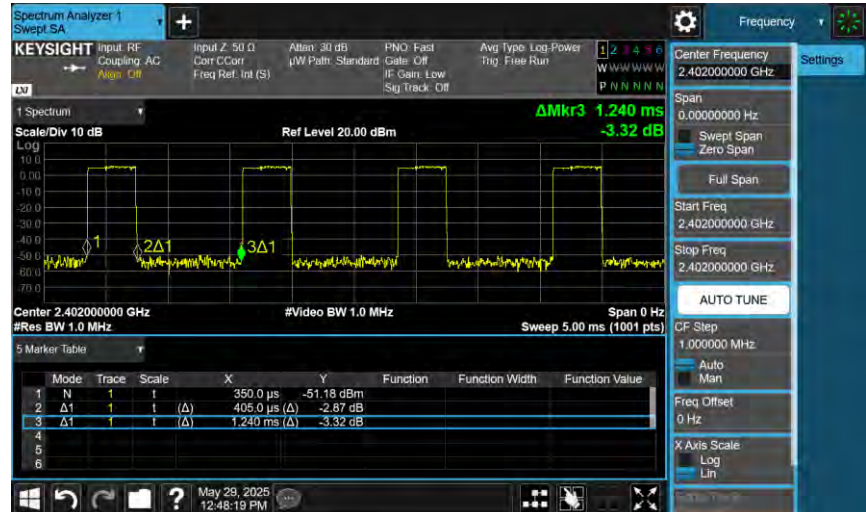


# Time of Occupancy (Dwell Time)

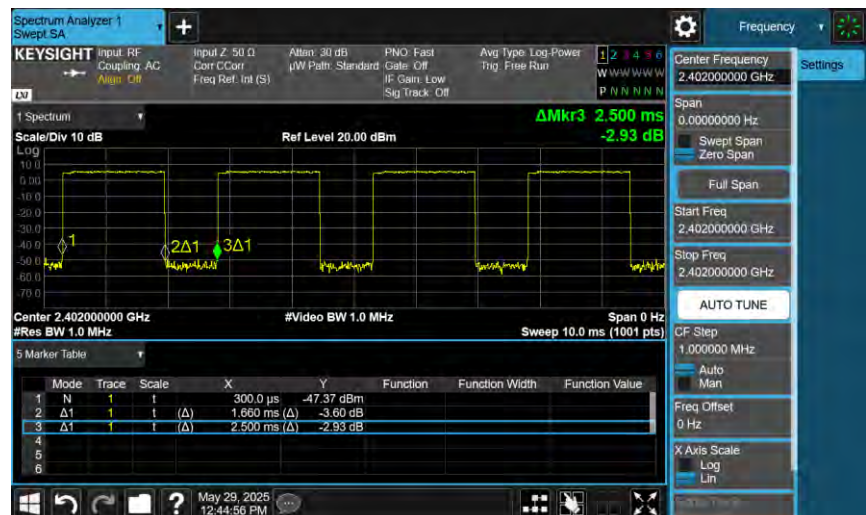
|         |                                                                                      |
|---------|--------------------------------------------------------------------------------------|
| BT_GFSK |                                                                                      |
| DH1     |    |
| DH3     |   |
| DH5     |  |

BT\_π/4-DQPSK

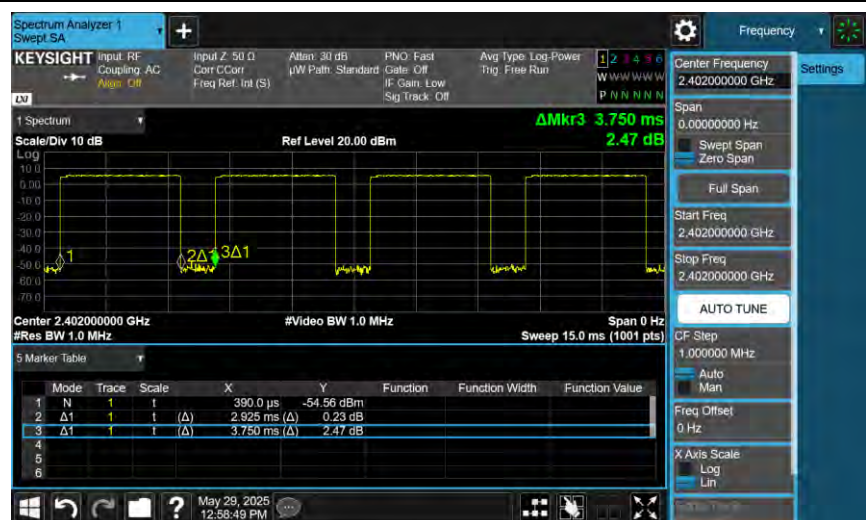
2DH1



2DH3

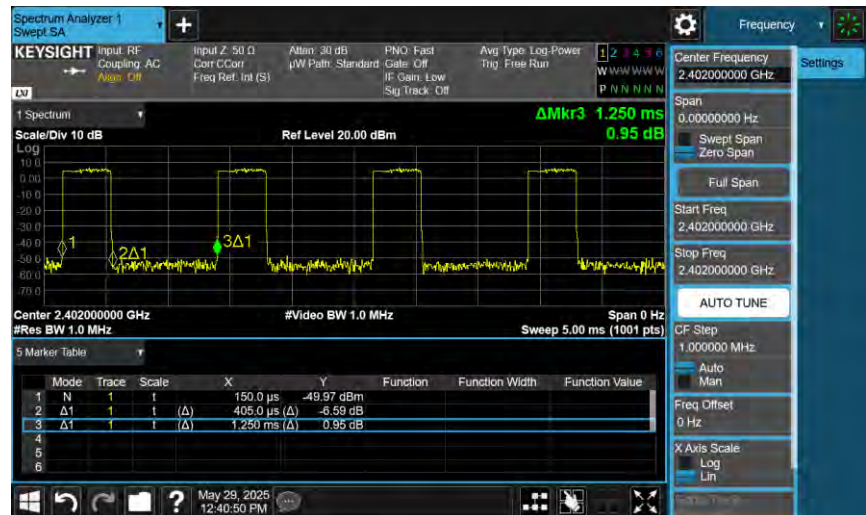


2DH5

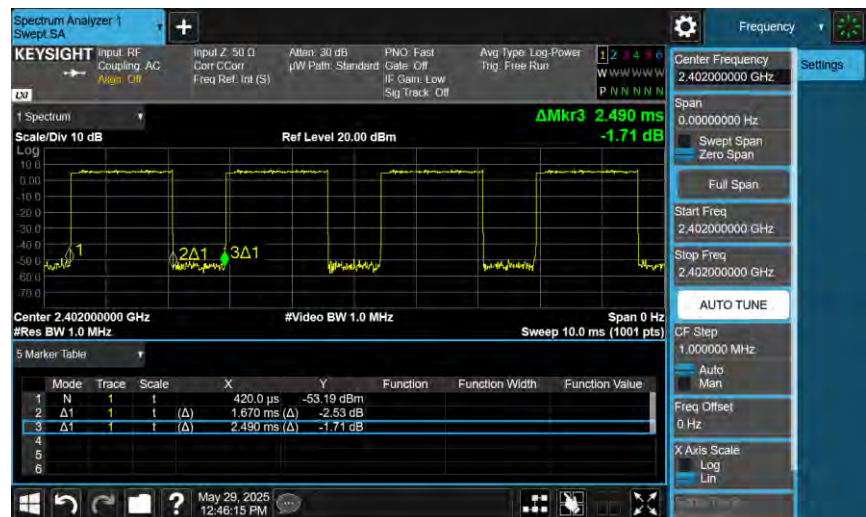


BT\_8DPSK

3DH1



3DH3



3DH5

