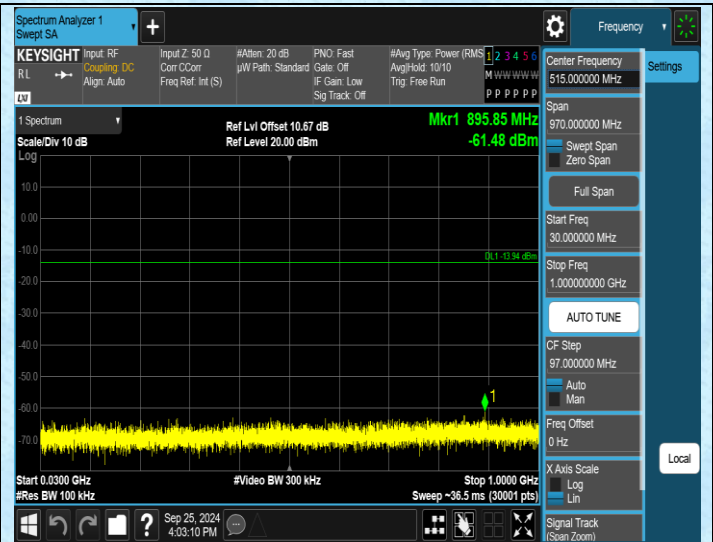


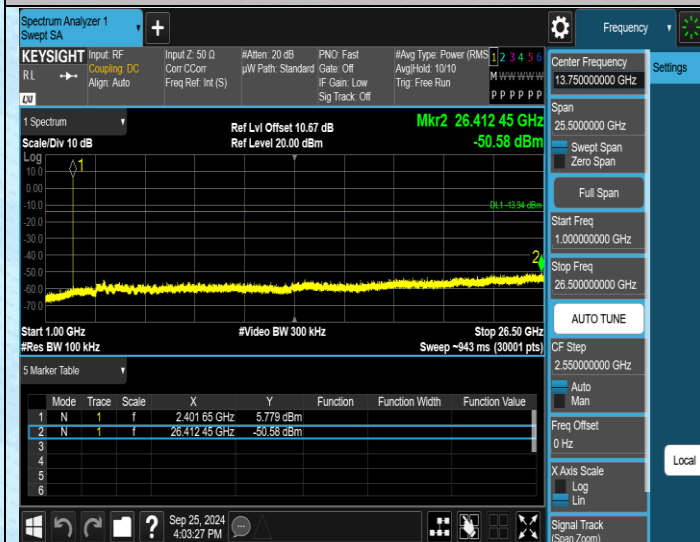
## Test Graphs



DH5-Ant1-2402-0-Reference-PASS



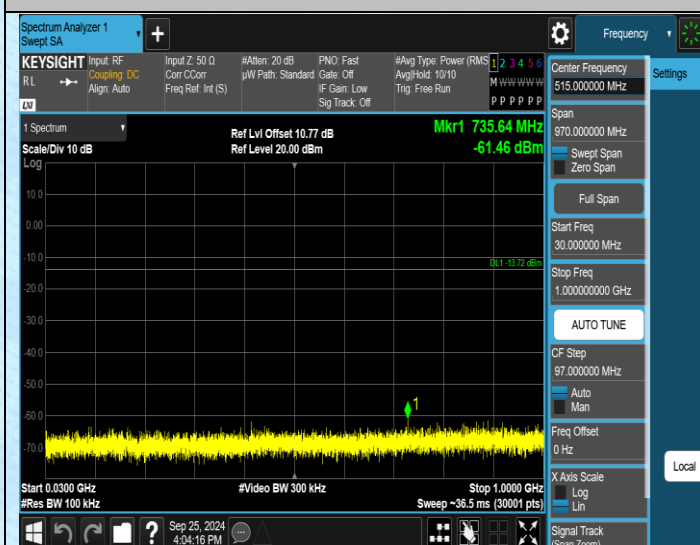
DH5-Ant1-2402-30-1000-PASS



DH5-Ant1-2402-1000-26500-PASS



DH5-Ant1-2441-0-Reference-PASS



DH5-Ant1-2441-30-1000-PASS



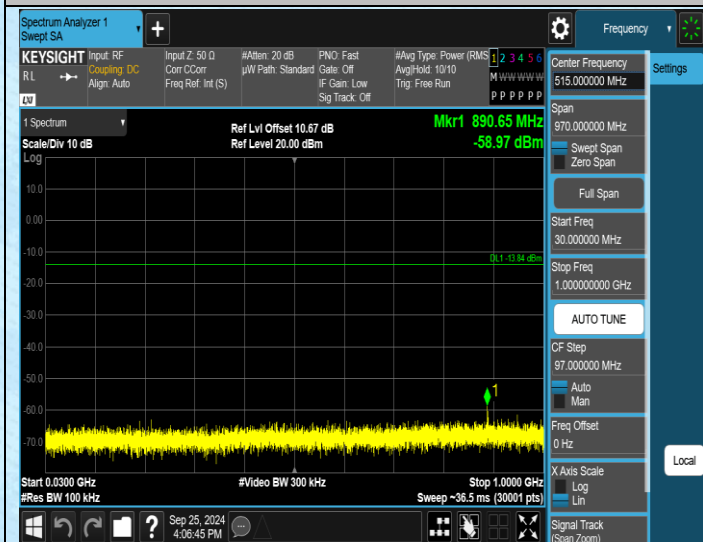
DH5-Ant1-2441-1000-26500-PASS



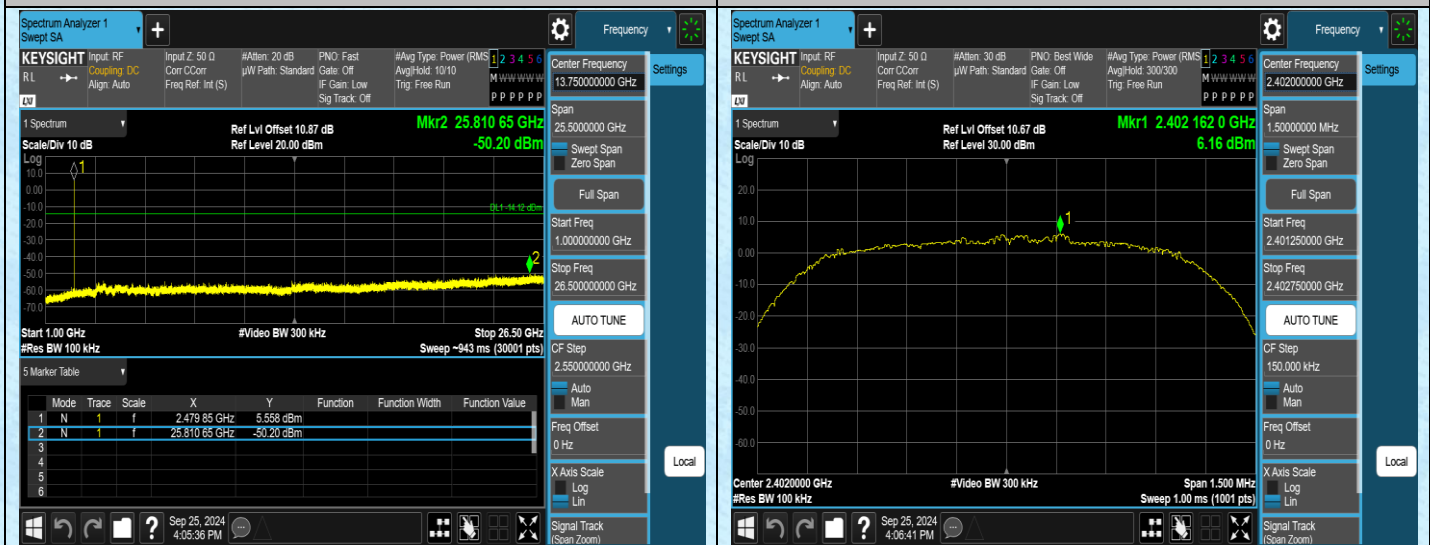
DH5-Ant1-2480-0-Reference-PASS



DH5-Ant1-2480-1000-26500-PASS



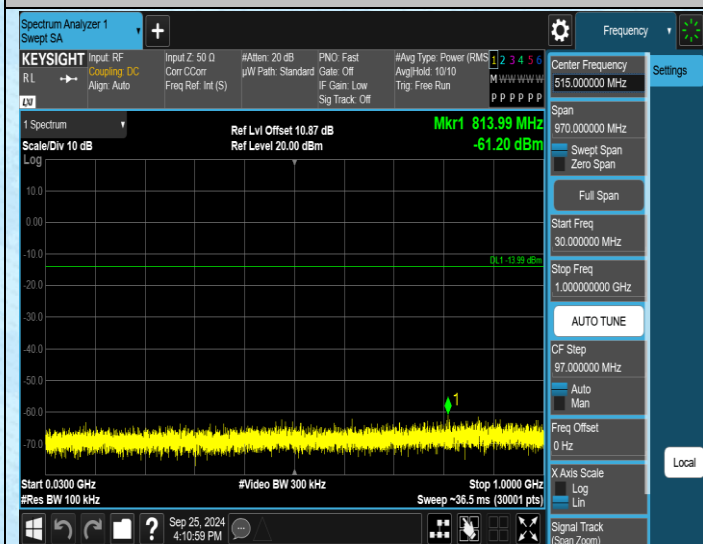
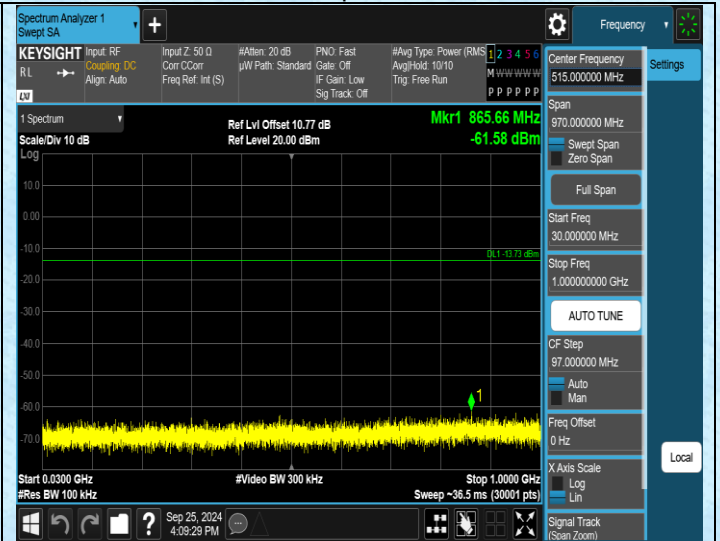
2DH5-Ant1-2402-30-1000-PASS

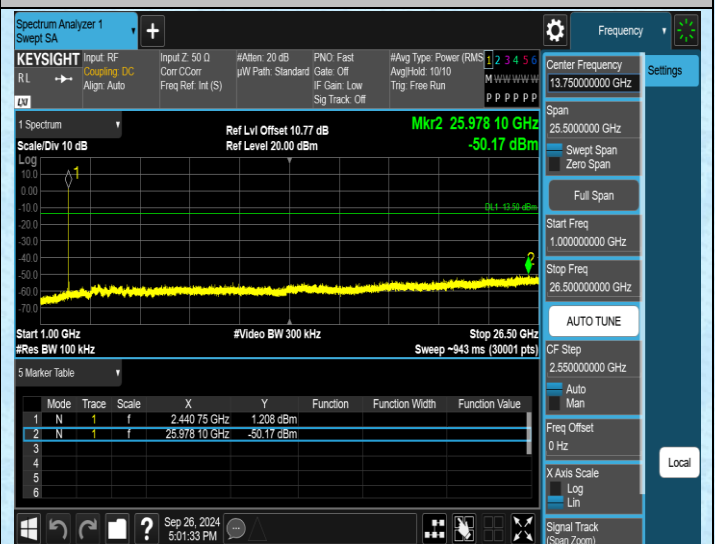
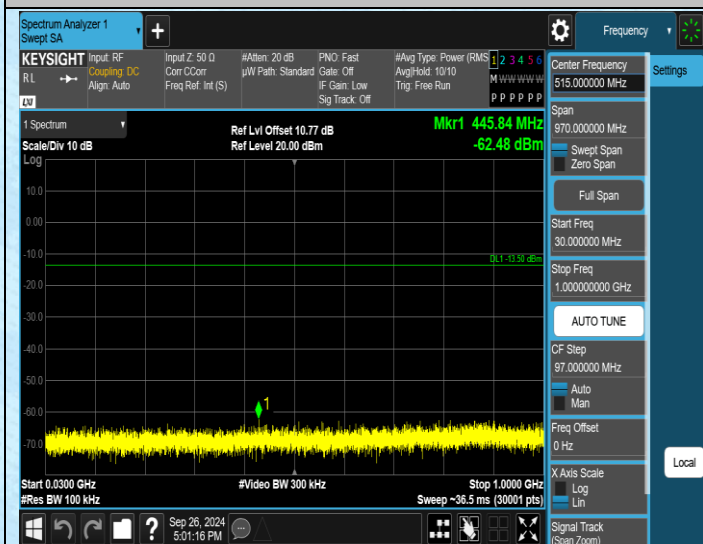
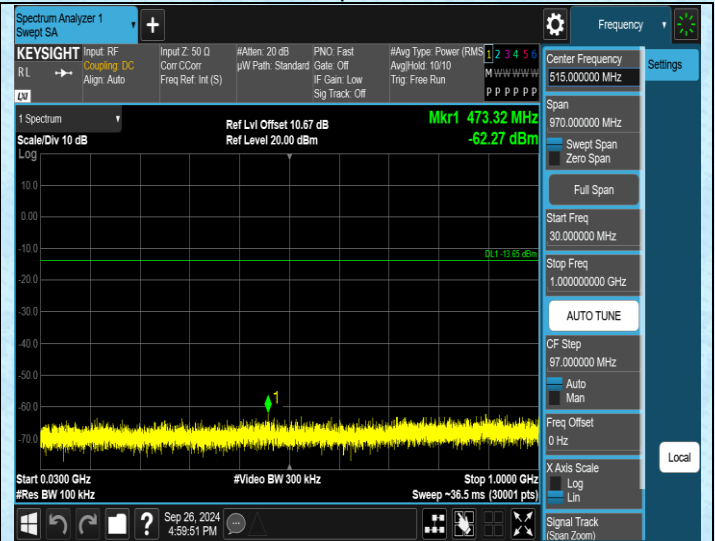


2DH5-Ant1-2402-0-Reference-PASS



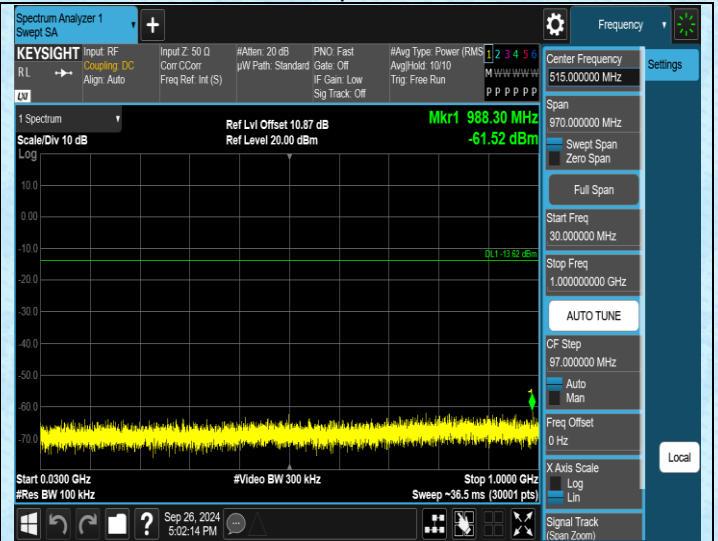
2DH5-Ant1-2402-1000-26500-PASS







3DH5-Ant1-2480-0-Reference-PASS



3DH5-Ant1-2480-30-1000-PASS



3DH5-Ant1-2480-1000-26500-PASS



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## AppendixI: Duty Cycle

### Test Result

| Test Mode | Antenna | Frequency[MHz] | ON Time<br>[ms] | Period<br>[ms] | Duty Cycle<br>[%] | Duty Cycle<br>Factor[dB] |
|-----------|---------|----------------|-----------------|----------------|-------------------|--------------------------|
| DH5       | Ant1    | 2402           | 2.88            | 5.00           | 57.60             | 2.40                     |
| DH5       | Ant1    | 2441           | 2.88            | 5.00           | 57.60             | 2.40                     |
| DH5       | Ant1    | 2480           | 2.88            | 5.00           | 57.60             | 2.40                     |
| 2DH5      | Ant1    | 2402           | 2.88            | 5.00           | 57.60             | 2.40                     |
| 2DH5      | Ant1    | 2441           | 2.88            | 5.00           | 57.60             | 2.40                     |
| 2DH5      | Ant1    | 2480           | 2.90            | 5.00           | 58.00             | 2.37                     |
| 3DH5      | Ant1    | 2402           | 2.88            | 5.00           | 57.60             | 2.40                     |
| 3DH5      | Ant1    | 2441           | 2.90            | 5.00           | 58.00             | 2.37                     |
| 3DH5      | Ant1    | 2480           | 2.90            | 5.00           | 58.00             | 2.37                     |

The screenshot displays a Spectrum Analyzer 1 interface. At the top, the title bar reads "Spectrum Analyzer 1" and "Sweep SA". Below the title bar, there are several input and control fields: "Input RF: Coupling DC", "Input Z: 50 Ohm", "Corr Corr", "Freq Ref: Int (S)", "Att: 20 dB", "PNO: Fast", "Gate: Off", "IF Gain: Low", "Sig Track: Off", "AUG Type: Power (RMS)", "Tng Video", "Tng Delay: -2.000 ms", and a frequency range of "1.2 3 4 5 GHz".

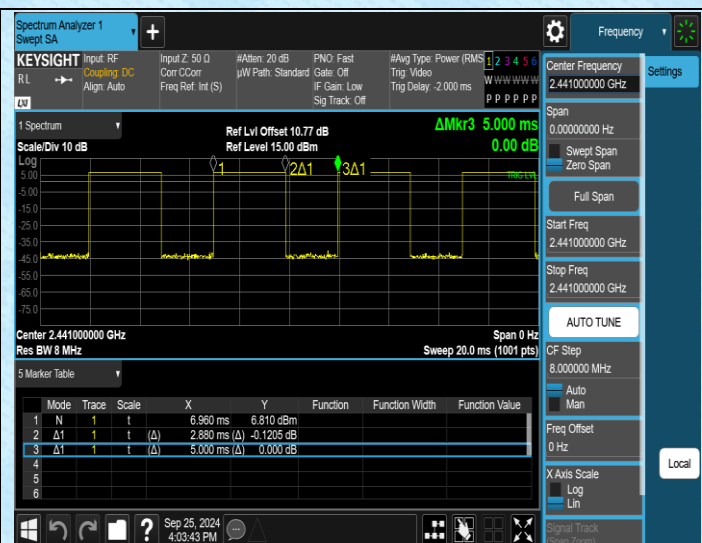
The main display area shows a signal trace with a green line representing the signal level. The trace is labeled "Ref Lvl Offset 10.67 dB" and "Ref Level 15.00 dBm". The signal level is indicated as "5.0000 MHz" and "-0.01 dB". The trace is divided into segments labeled "1", "2A1", and "3A1".

On the right side, there are several control panels. The "Center Frequency" panel shows "2.402000000 GHz". The "Span" panel shows "0.00000000 Hz". The "Sweep Span" panel shows "Zero Span". The "Full Span" panel is also visible. The "Start Freq" panel shows "2.402000000 GHz". The "Stop Freq" panel shows "2.402000000 GHz". The "AUTO TUNE" button is present. The "CF Step" panel shows "8.000000 MHz". The "Freq Offset" panel shows "0 Hz". The "X Axis Scale" panel shows "Log" and "Lin" options. The "Signal Track" panel shows "Log" and "Lin" options.

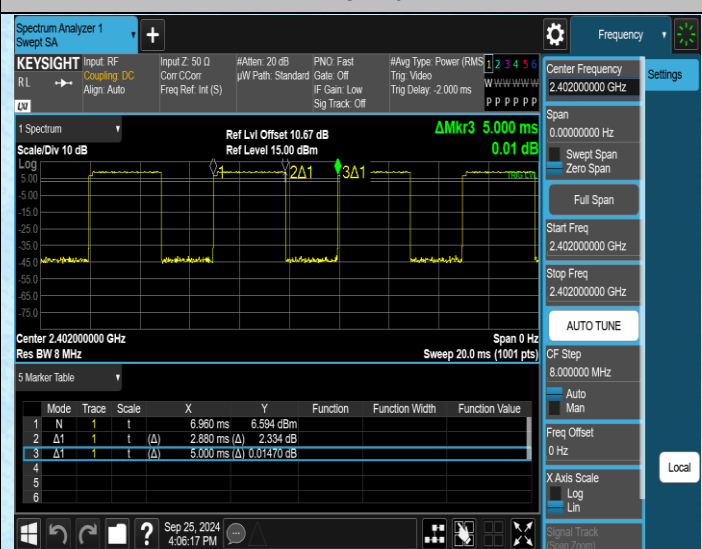
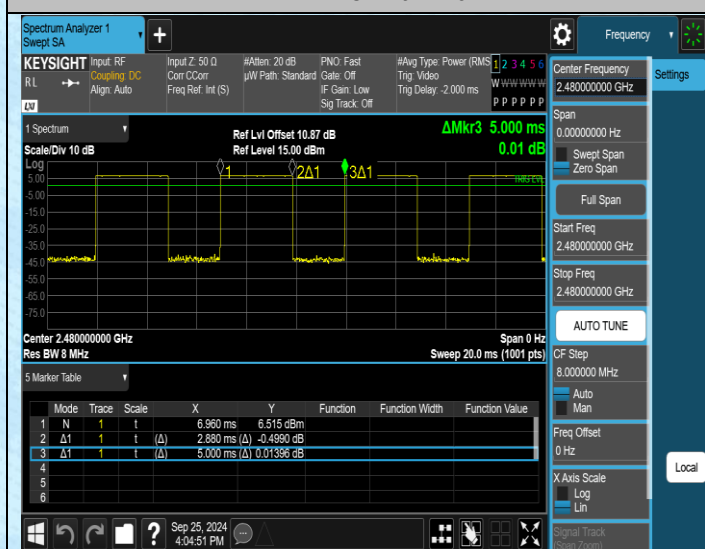
At the bottom, there is a table with 5 columns: "Mode", "Trace", "Scale", "X", "Y", "Function", "Function Width", and "Function Value". The table contains 5 rows of data:

| Mode | Trace | Scale | X     | Y            | Function    | Function Width | Function Value |
|------|-------|-------|-------|--------------|-------------|----------------|----------------|
| 1    | N     | 1     | t     | 6.960 ms     | 6.761 dBm   |                |                |
| 2    | A1    | 1     | t (Δ) | 2.880 ms (Δ) | -0.1235 dB  |                |                |
| 3    | A1    | 1     | t (Δ) | 5.000 ms (Δ) | 0.008319 dB |                |                |
| 4    |       |       |       |              |             |                |                |
| 5    |       |       |       |              |             |                |                |

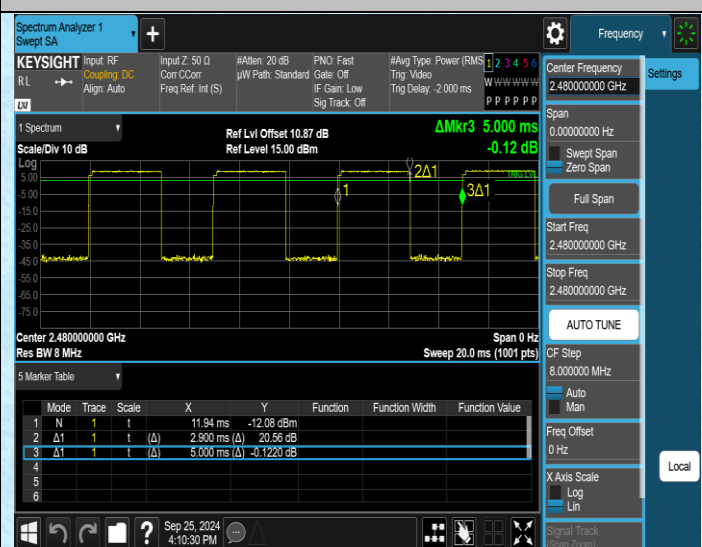
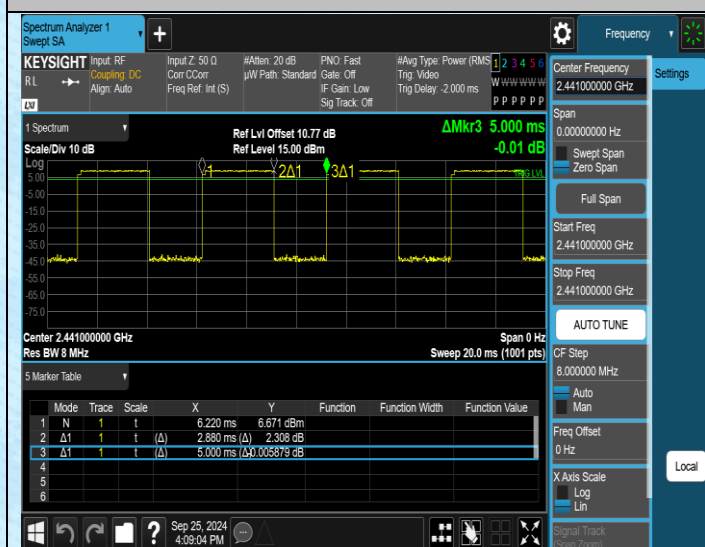
The bottom status bar shows the date "Sep 25, 2024" and time "4:02:26 PM".



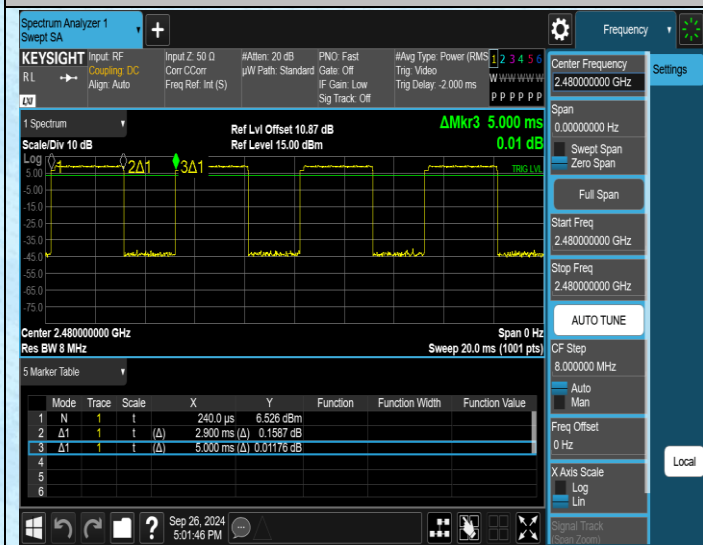
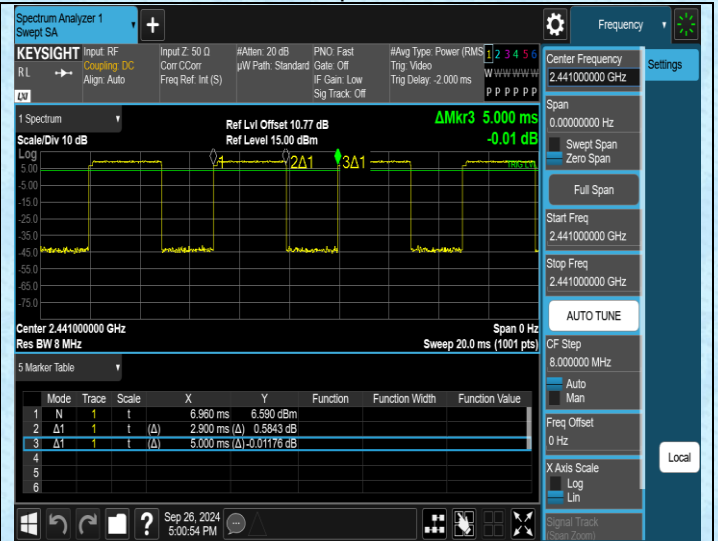
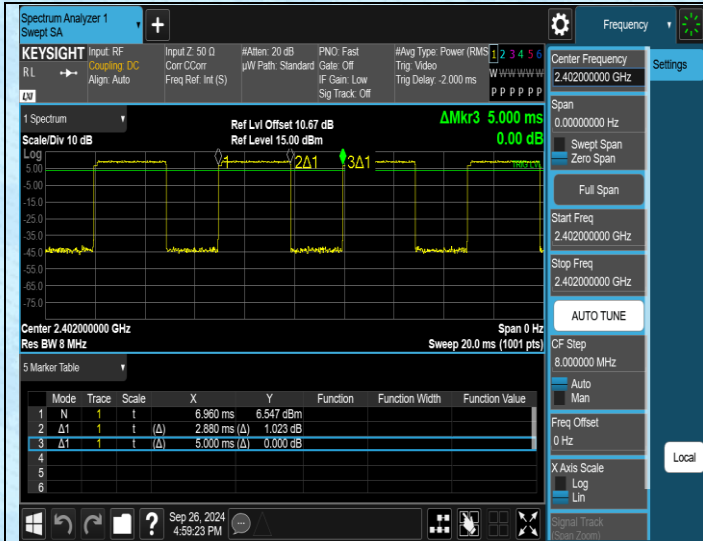
NTNV-DH5-Ant1-2441



NTNV-2DH5-Ant1-2402



NTNV-2DH5-Ant1-2480



-----End-----