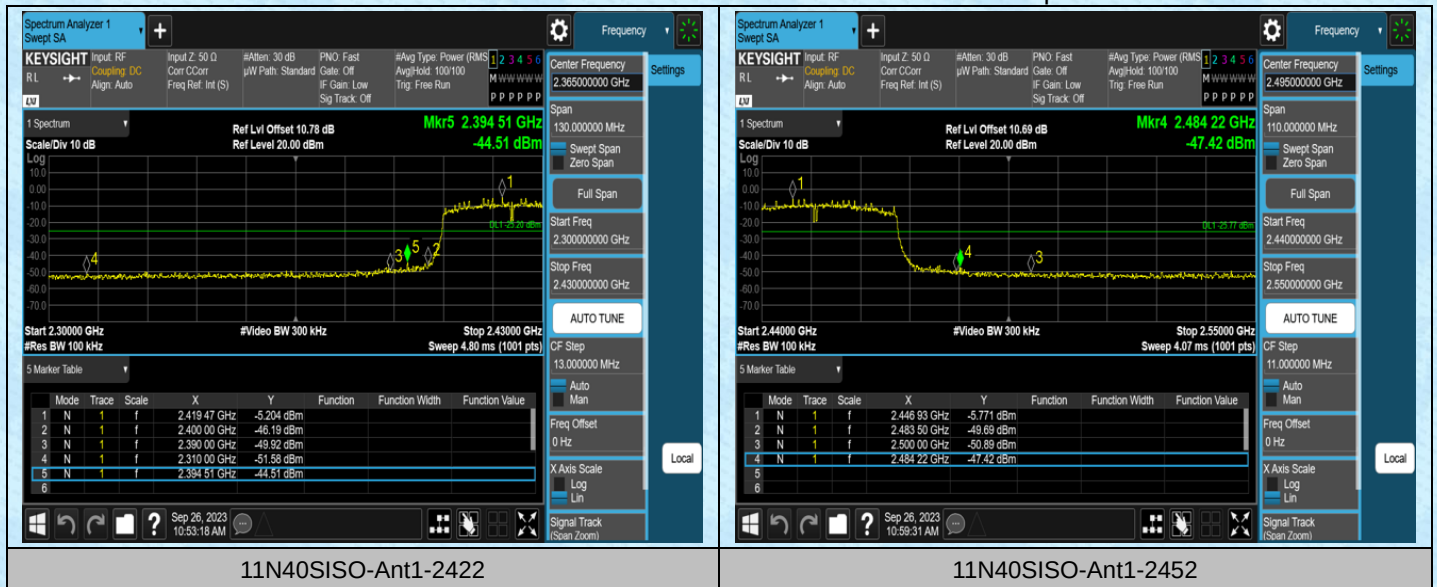


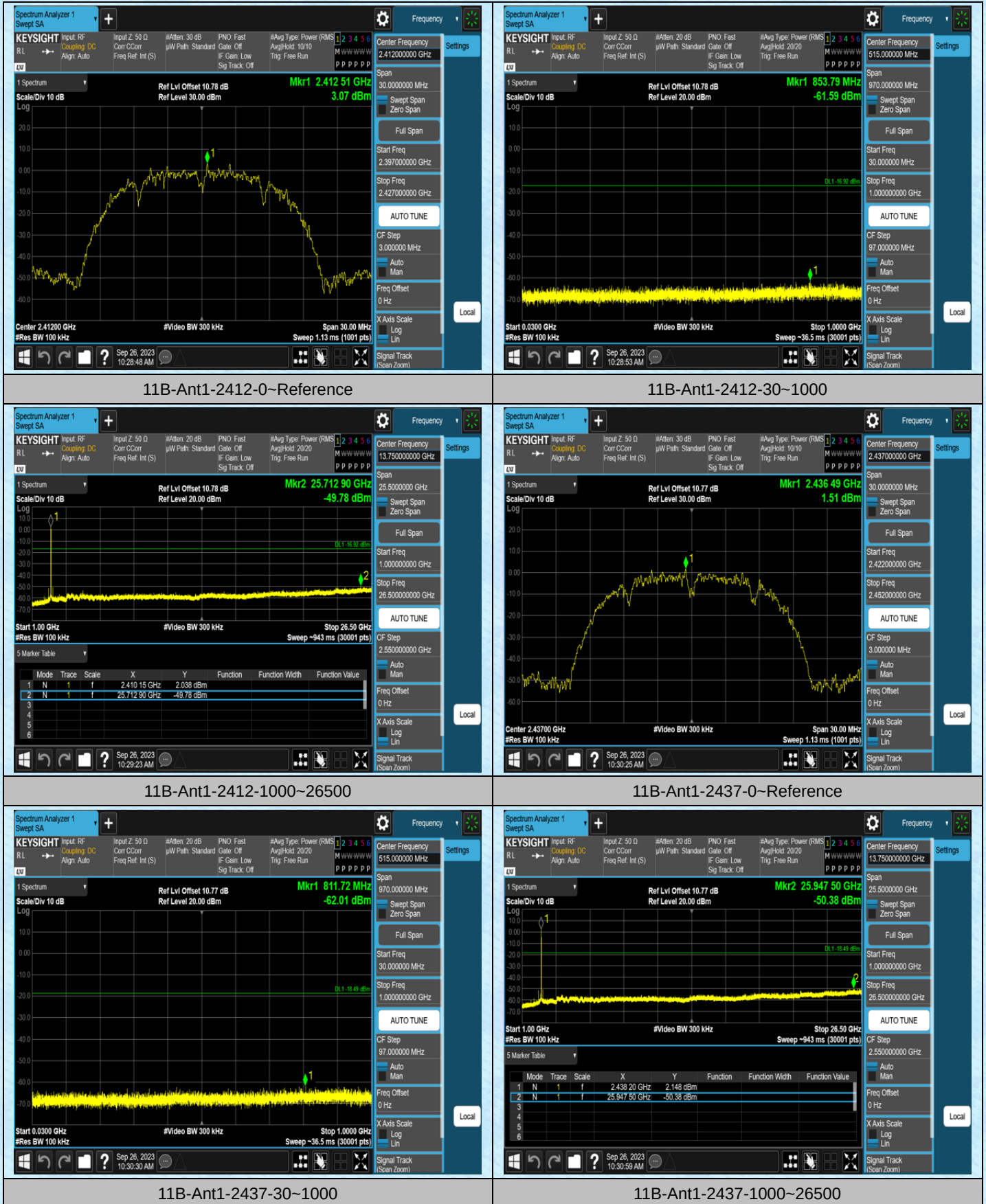


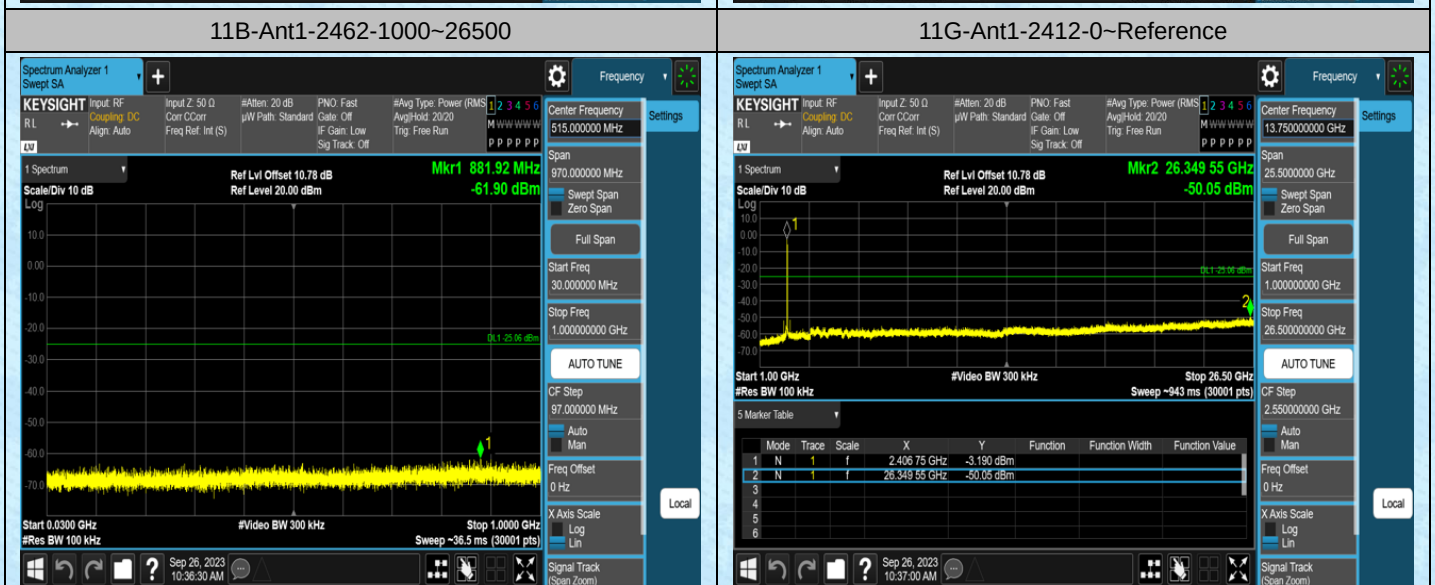
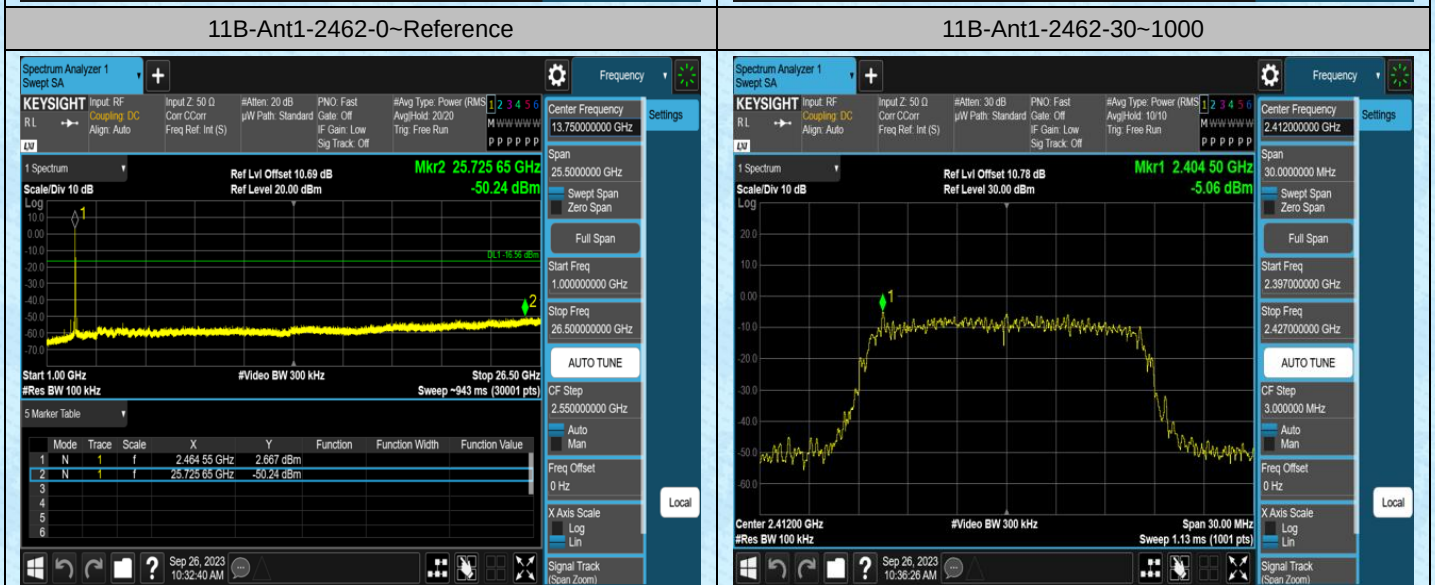
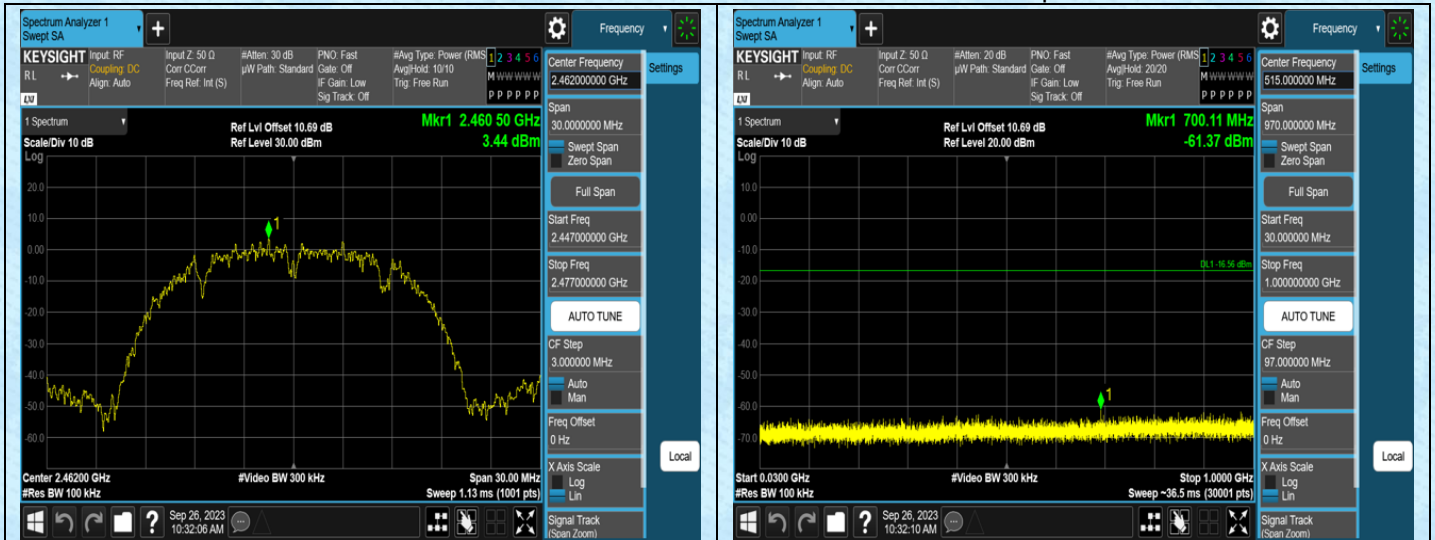
## AppendixF:Conducted Spurious Emission

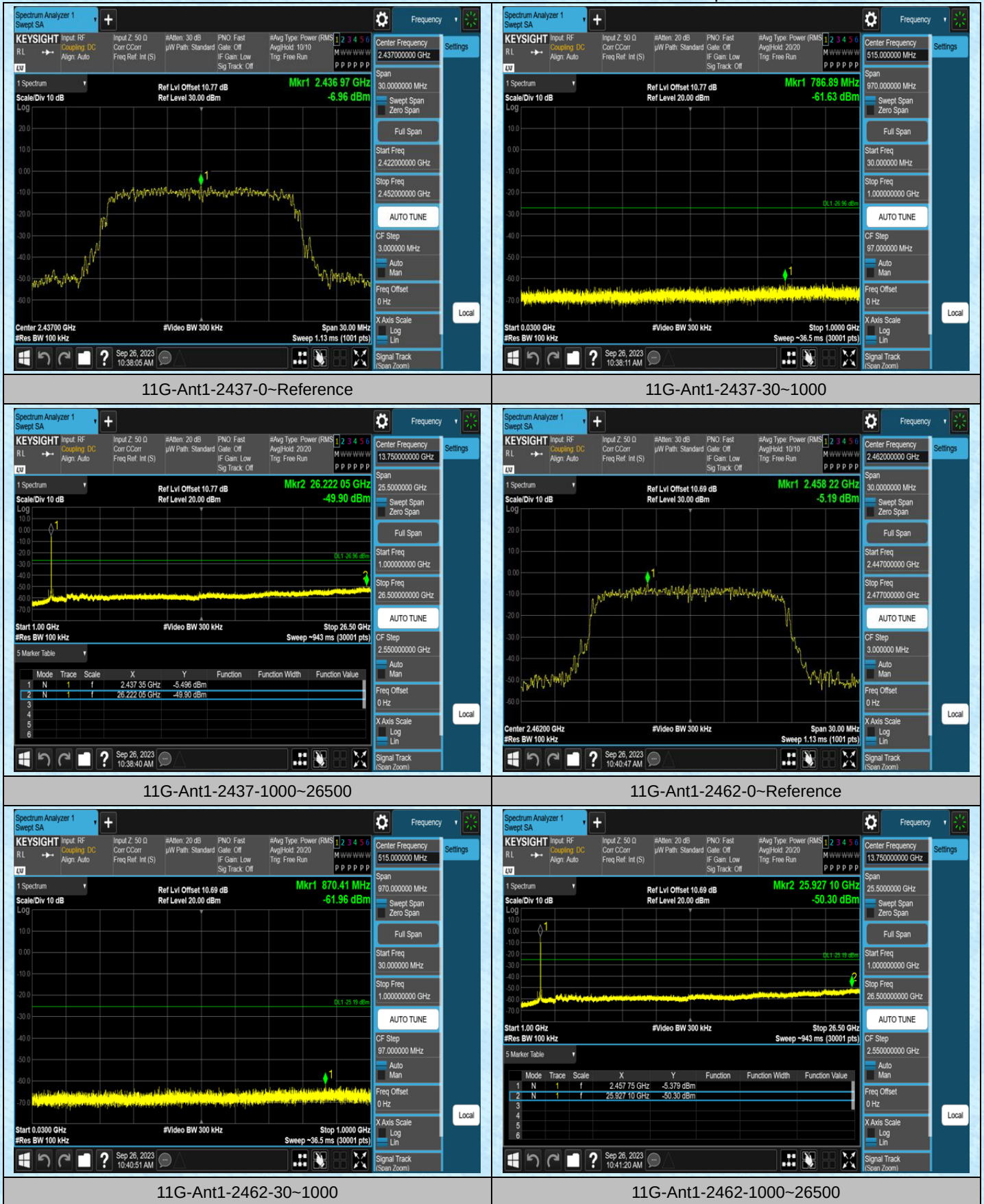
### Test Result

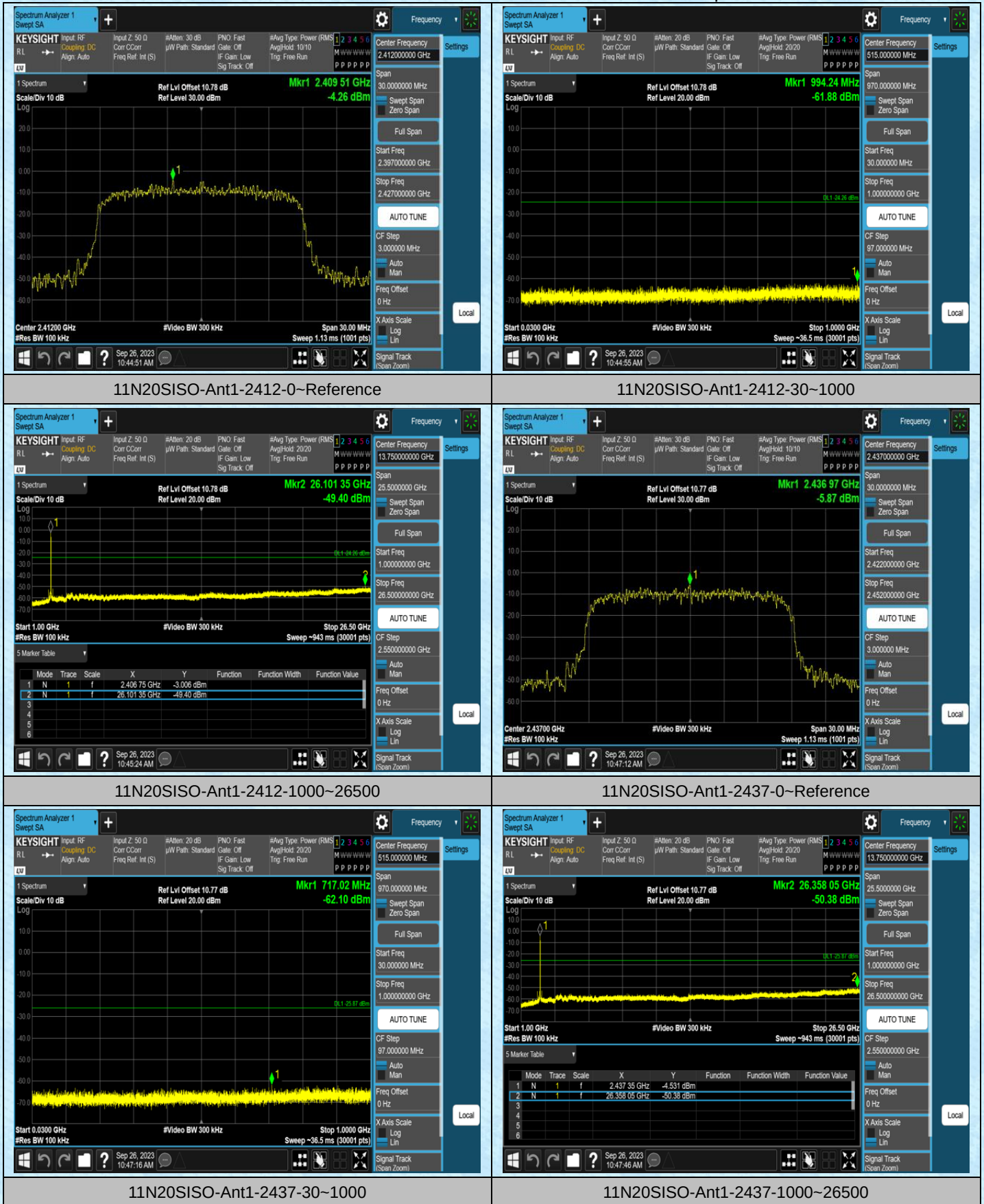
| Test Mode | Antenna | Frequency [MHz] | Rate  | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------------|-------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412            | 1Mbps | 0~Reference     | 3.08           | 3.08         | ---         | PASS    |
| 11B       | Ant1    | 2412            | 1Mbps | 30~1000         | 3.08           | -61.59       | ≤-16.92     | PASS    |
| 11B       | Ant1    | 2412            | 1Mbps | 1000~26500      | 3.08           | -49.78       | ≤-16.92     | PASS    |
| 11B       | Ant1    | 2437            | 1Mbps | 0~Reference     | 1.51           | 1.51         | ---         | PASS    |
| 11B       | Ant1    | 2437            | 1Mbps | 30~1000         | 1.51           | -62.01       | ≤-18.49     | PASS    |
| 11B       | Ant1    | 2437            | 1Mbps | 1000~26500      | 1.51           | -50.38       | ≤-18.49     | PASS    |
| 11B       | Ant1    | 2462            | 1Mbps | 0~Reference     | 3.44           | 3.44         | ---         | PASS    |
| 11B       | Ant1    | 2462            | 1Mbps | 30~1000         | 3.44           | -61.37       | ≤-16.56     | PASS    |
| 11B       | Ant1    | 2462            | 1Mbps | 1000~26500      | 3.44           | -50.24       | ≤-16.56     | PASS    |
| 11G       | Ant1    | 2412            | 6Mbps | 0~Reference     | -5.06          | -5.06        | ---         | PASS    |
| 11G       | Ant1    | 2412            | 6Mbps | 30~1000         | -5.06          | -61.9        | ≤-25.06     | PASS    |
| 11G       | Ant1    | 2412            | 6Mbps | 1000~26500      | -5.06          | -50.05       | ≤-25.06     | PASS    |
| 11G       | Ant1    | 2437            | 6Mbps | 0~Reference     | -6.96          | -6.96        | ---         | PASS    |
| 11G       | Ant1    | 2437            | 6Mbps | 30~1000         | -6.96          | -61.64       | ≤-26.96     | PASS    |
| 11G       | Ant1    | 2437            | 6Mbps | 1000~26500      | -6.96          | -49.9        | ≤-26.96     | PASS    |
| 11G       | Ant1    | 2462            | 6Mbps | 0~Reference     | -5.19          | -5.19        | ---         | PASS    |
| 11G       | Ant1    | 2462            | 6Mbps | 30~1000         | -5.19          | -61.96       | ≤-25.19     | PASS    |
| 11G       | Ant1    | 2462            | 6Mbps | 1000~26500      | -5.19          | -50.3        | ≤-25.19     | PASS    |
| 11N20SISO | Ant1    | 2412            | MCS0  | 0~Reference     | -4.26          | -4.26        | ---         | PASS    |
| 11N20SISO | Ant1    | 2412            | MCS0  | 30~1000         | -4.26          | -61.88       | ≤-24.26     | PASS    |
| 11N20SISO | Ant1    | 2412            | MCS0  | 1000~26500      | -4.26          | -49.4        | ≤-24.26     | PASS    |
| 11N20SISO | Ant1    | 2437            | MCS0  | 0~Reference     | -5.87          | -5.87        | ---         | PASS    |
| 11N20SISO | Ant1    | 2437            | MCS0  | 30~1000         | -5.87          | -62.1        | ≤-25.87     | PASS    |
| 11N20SISO | Ant1    | 2437            | MCS0  | 1000~26500      | -5.87          | -50.39       | ≤-25.87     | PASS    |
| 11N20SISO | Ant1    | 2462            | MCS0  | 0~Reference     | -3.32          | -3.32        | ---         | PASS    |
| 11N20SISO | Ant1    | 2462            | MCS0  | 30~1000         | -3.32          | -61.92       | ≤-23.32     | PASS    |
| 11N20SISO | Ant1    | 2462            | MCS0  | 1000~26500      | -3.32          | -50.25       | ≤-23.32     | PASS    |
| 11N40SISO | Ant1    | 2422            | MCS0  | 0~Reference     | -5.42          | -5.42        | ---         | PASS    |
| 11N40SISO | Ant1    | 2422            | MCS0  | 30~1000         | -5.42          | -61.1        | ≤-25.42     | PASS    |
| 11N40SISO | Ant1    | 2422            | MCS0  | 1000~26500      | -5.42          | -49.89       | ≤-25.42     | PASS    |
| 11N40SISO | Ant1    | 2437            | MCS0  | 0~Reference     | -8.42          | -8.42        | ---         | PASS    |
| 11N40SISO | Ant1    | 2437            | MCS0  | 30~1000         | -8.42          | -61.5        | ≤-28.42     | PASS    |
| 11N40SISO | Ant1    | 2437            | MCS0  | 1000~26500      | -8.42          | -49.93       | ≤-28.42     | PASS    |
| 11N40SISO | Ant1    | 2452            | MCS0  | 0~Reference     | -9.09          | -9.09        | ---         | PASS    |
| 11N40SISO | Ant1    | 2452            | MCS0  | 30~1000         | -9.09          | -61.9        | ≤-29.09     | PASS    |
| 11N40SISO | Ant1    | 2452            | MCS0  | 1000~26500      | -9.09          | -49.99       | ≤-29.09     | PASS    |

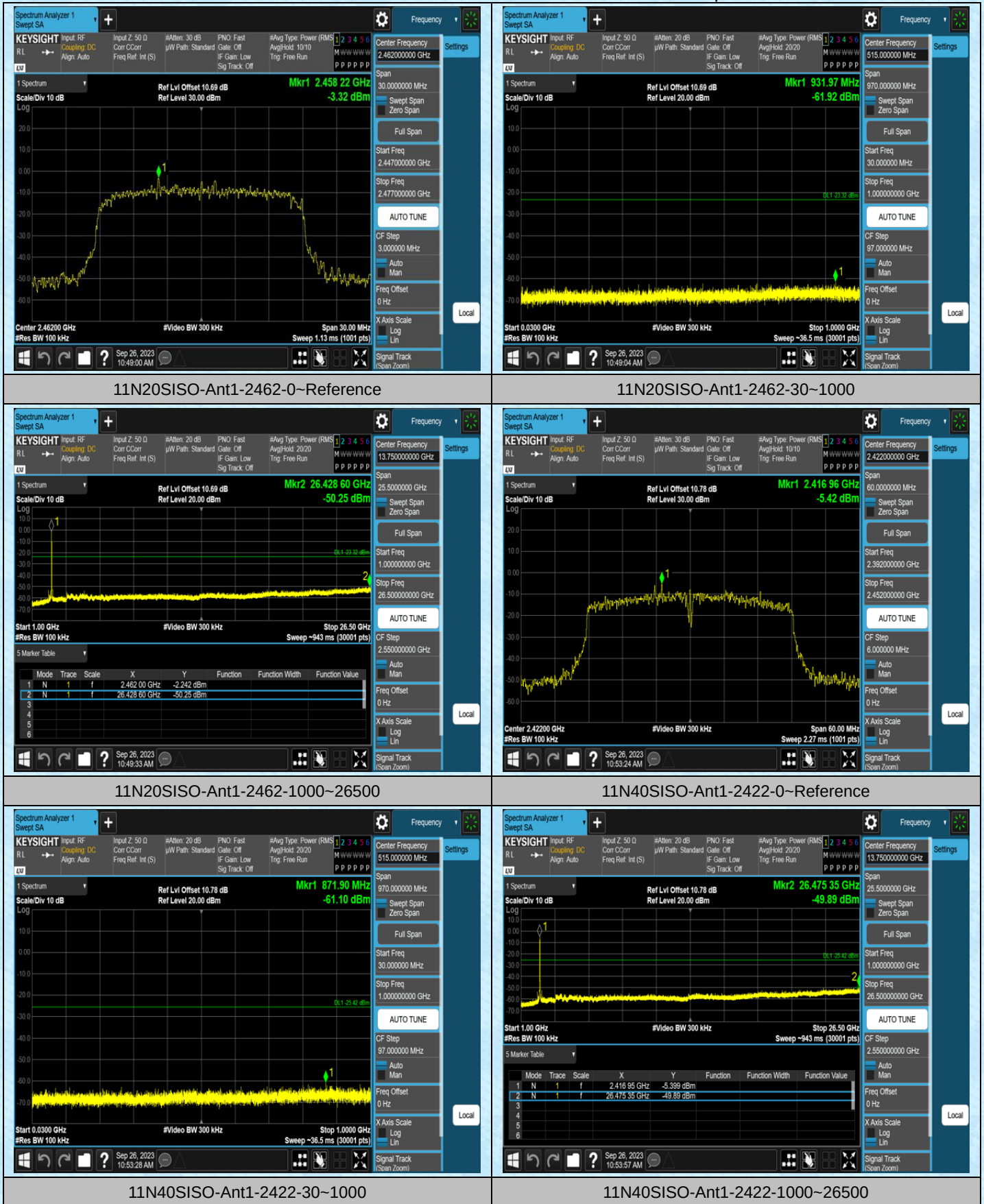
## Test Graphs

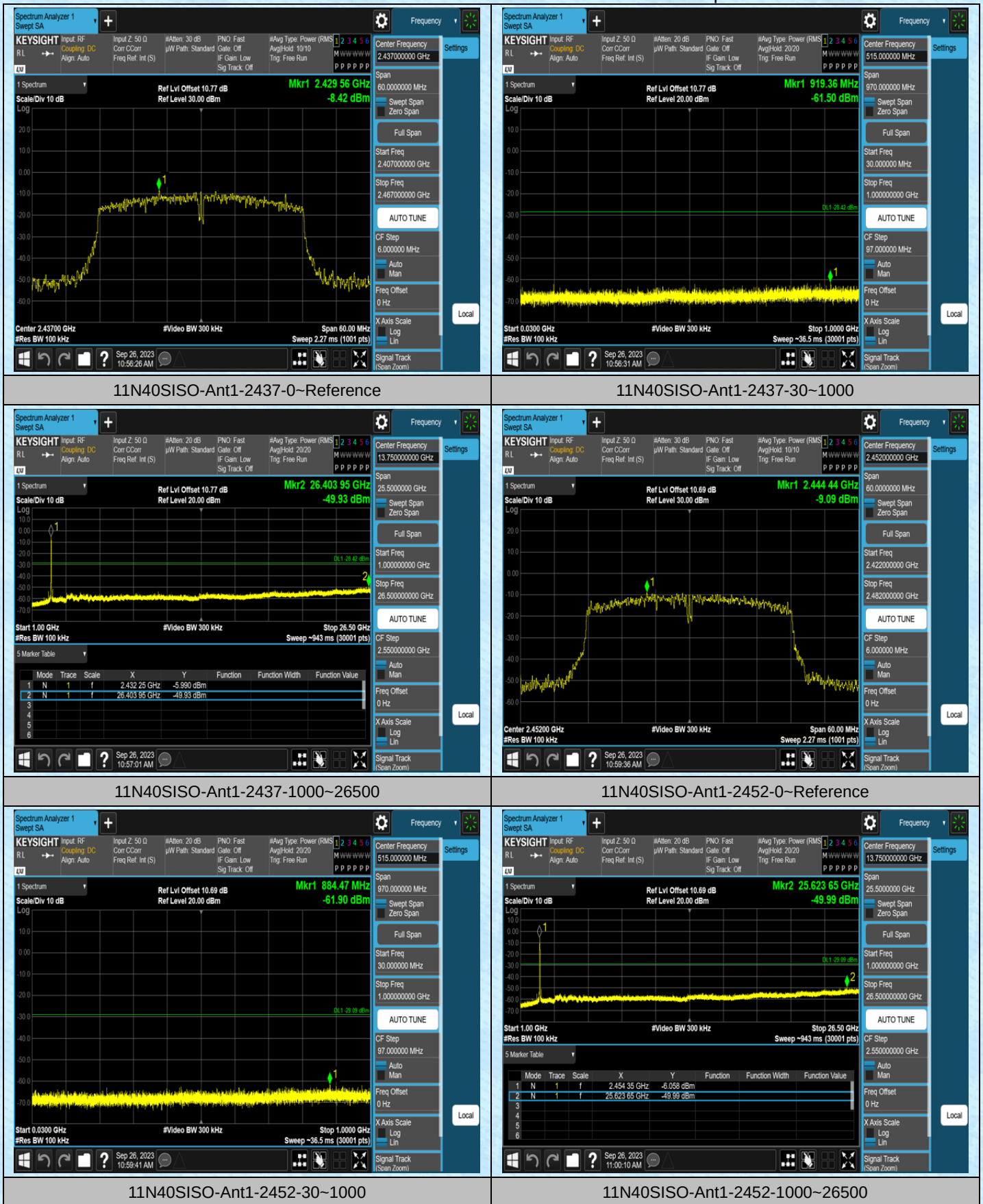










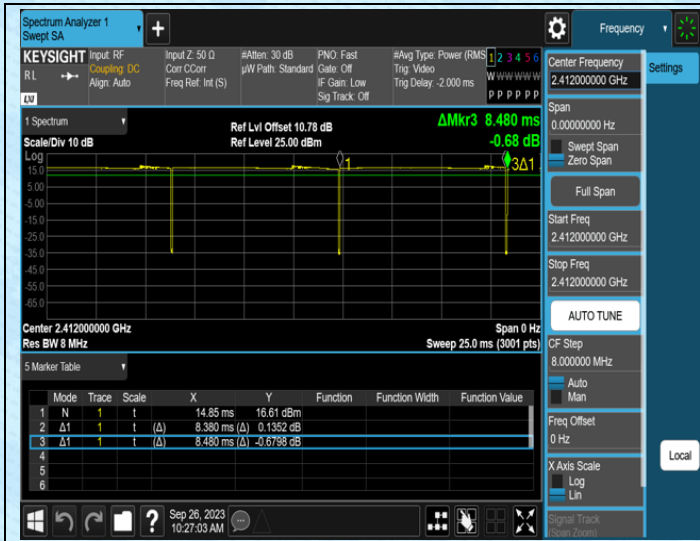


## AppendixG: Duty Cycle

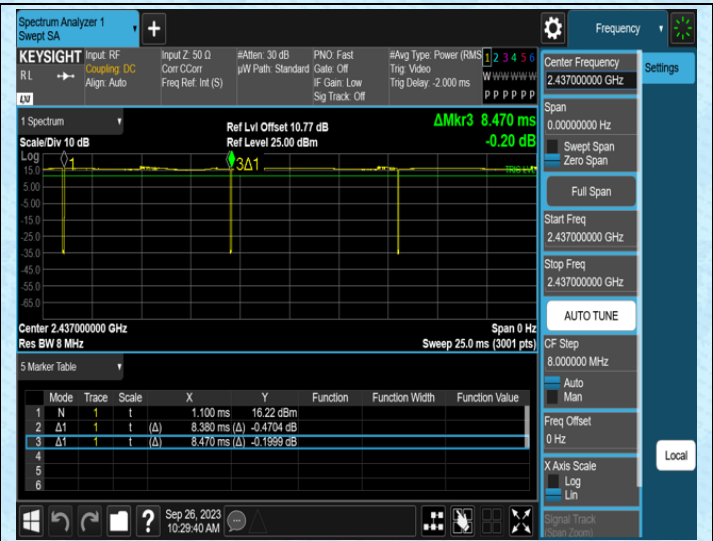
### Test Result

| Test Mode | Antenna | Frequency[MHz] | Rate  | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Factor |
|-----------|---------|----------------|-------|----------------------------|--------------------------|----------------|--------|
| 11B       | Ant1    | 2412           | 1Mbps | 8.38                       | 8.48                     | 98.82          | 0.05   |
| 11B       | Ant1    | 2437           | 1Mbps | 8.38                       | 8.47                     | 98.94          | 0.05   |
| 11B       | Ant1    | 2462           | 1Mbps | 8.38                       | 8.46                     | 99.05          | 0.04   |
| 11G       | Ant1    | 2412           | 6Mbps | 1.39                       | 1.41                     | 98.58          | 0.06   |
| 11G       | Ant1    | 2437           | 6Mbps | 1.39                       | 1.41                     | 98.58          | 0.06   |
| 11G       | Ant1    | 2462           | 6Mbps | 1.39                       | 1.41                     | 98.58          | 0.06   |
| 11N20SISO | Ant1    | 2412           | MCS0  | 1.30                       | 1.32                     | 98.48          | 0.07   |
| 11N20SISO | Ant1    | 2437           | MCS0  | 1.30                       | 1.32                     | 98.48          | 0.07   |
| 11N20SISO | Ant1    | 2462           | MCS0  | 1.30                       | 1.31                     | 99.24          | 0.03   |
| 11N40SISO | Ant1    | 2422           | MCS0  | 0.65                       | 0.66                     | 98.48          | 0.07   |
| 11N40SISO | Ant1    | 2437           | MCS0  | 0.65                       | 0.66                     | 98.48          | 0.07   |
| 11N40SISO | Ant1    | 2452           | MCS0  | 0.65                       | 0.66                     | 98.48          | 0.07   |

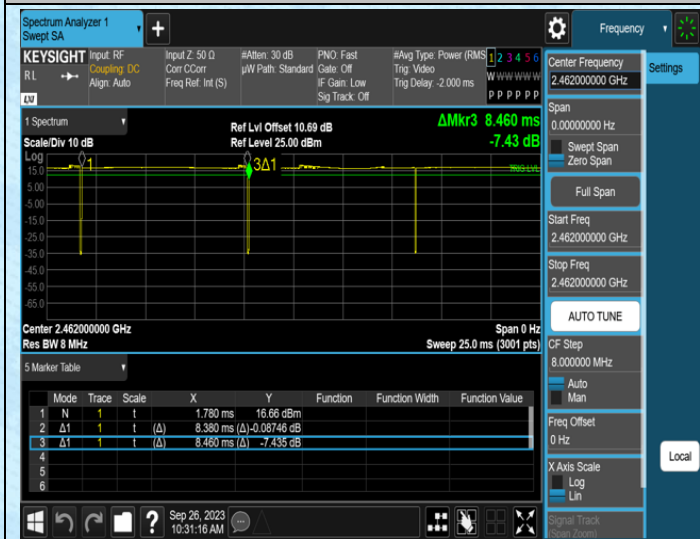
## Test Graphs



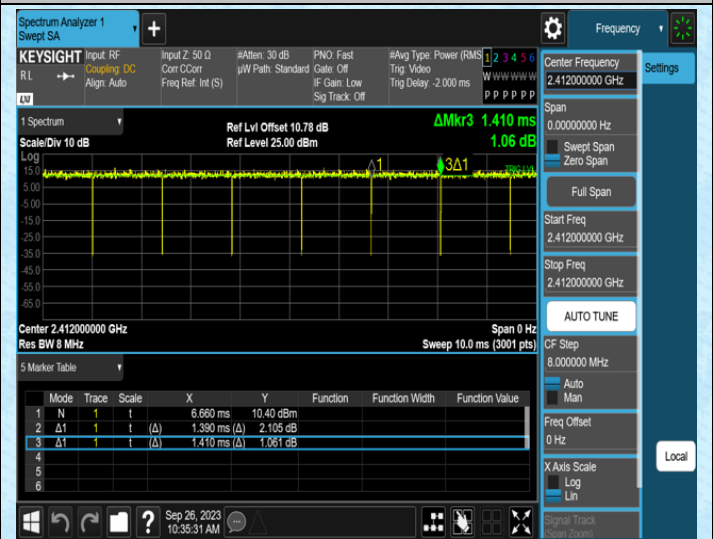
NTNV-11B-Ant1-2412



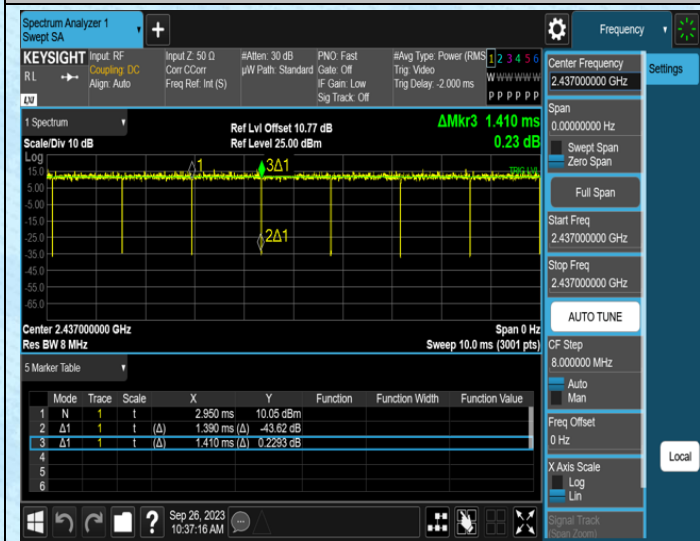
NTNV-11B-Ant1-2437



NTNV-11B-Ant1-2462



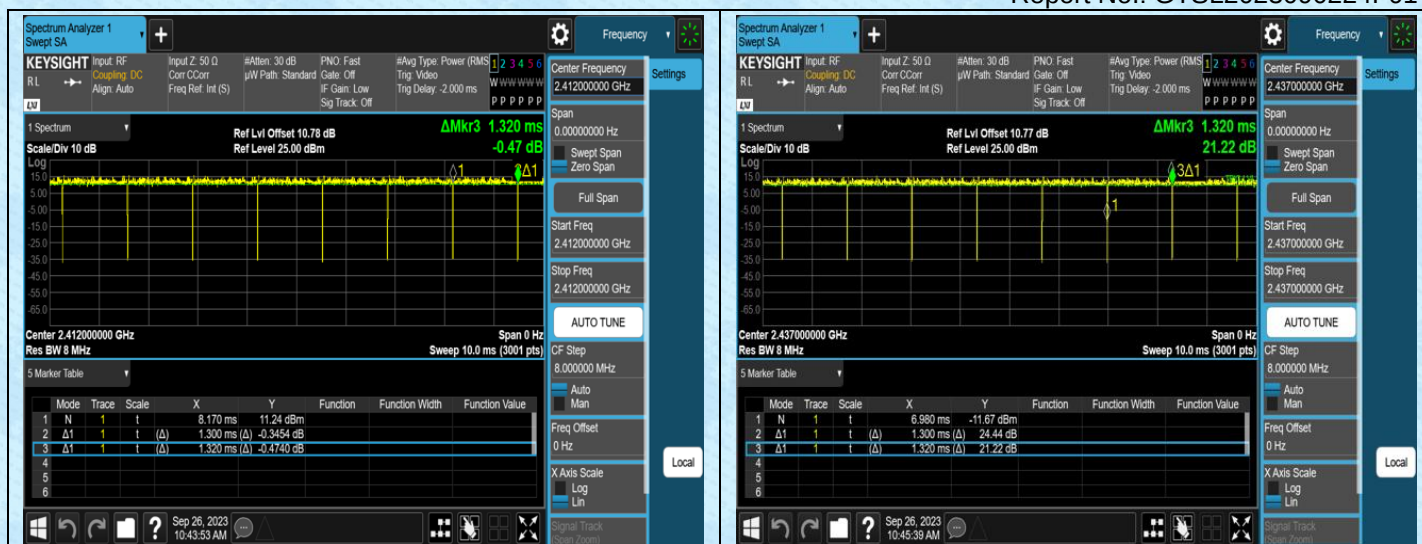
NTNV-11G-Ant1-2412



NTNV-11G-Ant1-2437

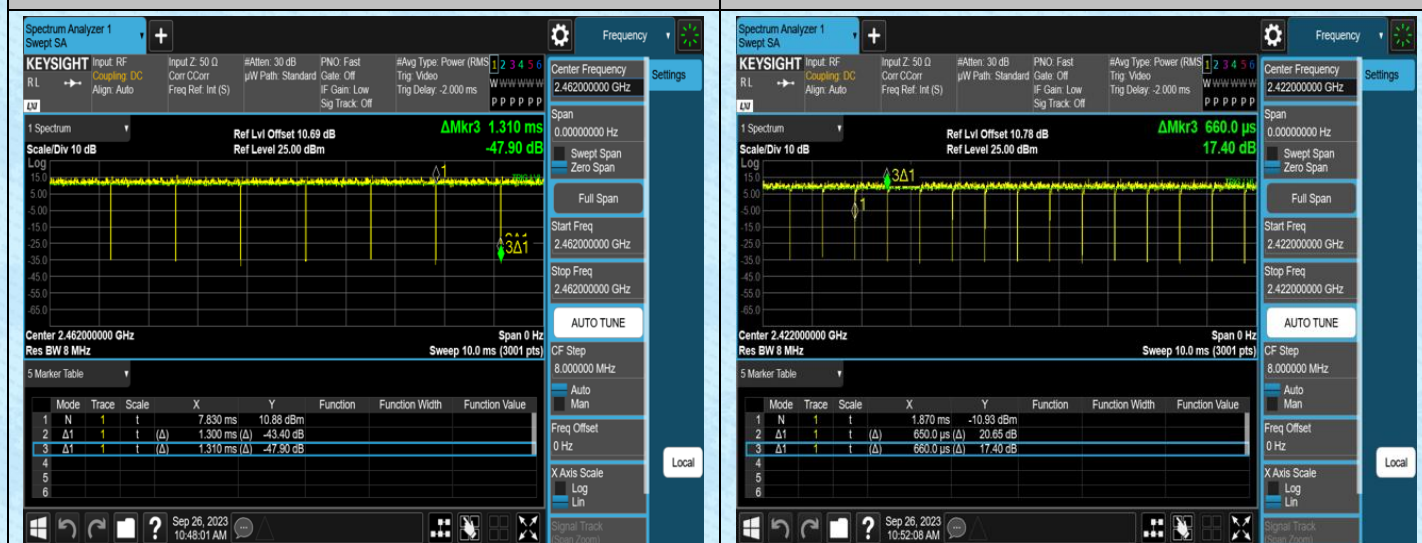


NTNV-11G-Ant1-2462



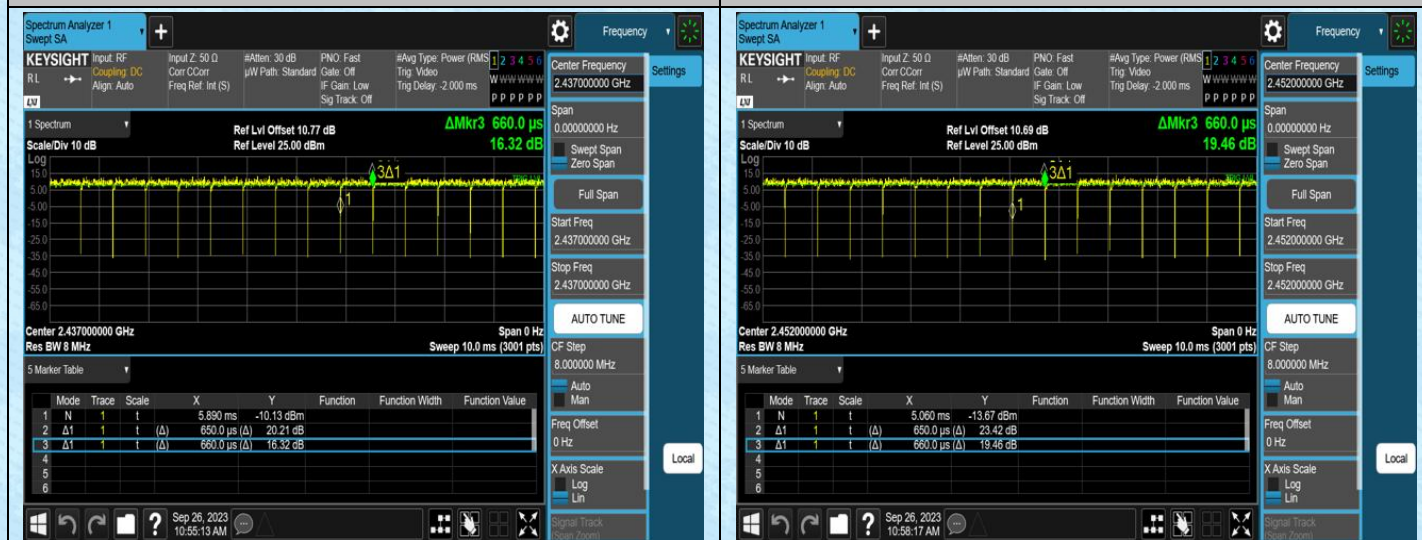
NTNV-11N20SISO-Ant1-2412

NTNV-11N20SISO-Ant1-2437



NTNV-11N20SISO-Ant1-2462

NTNV-11N40SISO-Ant1-2422



NTNV-11N40SISO-Ant1-2437

NTNV-11N40SISO-Ant1-2452

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