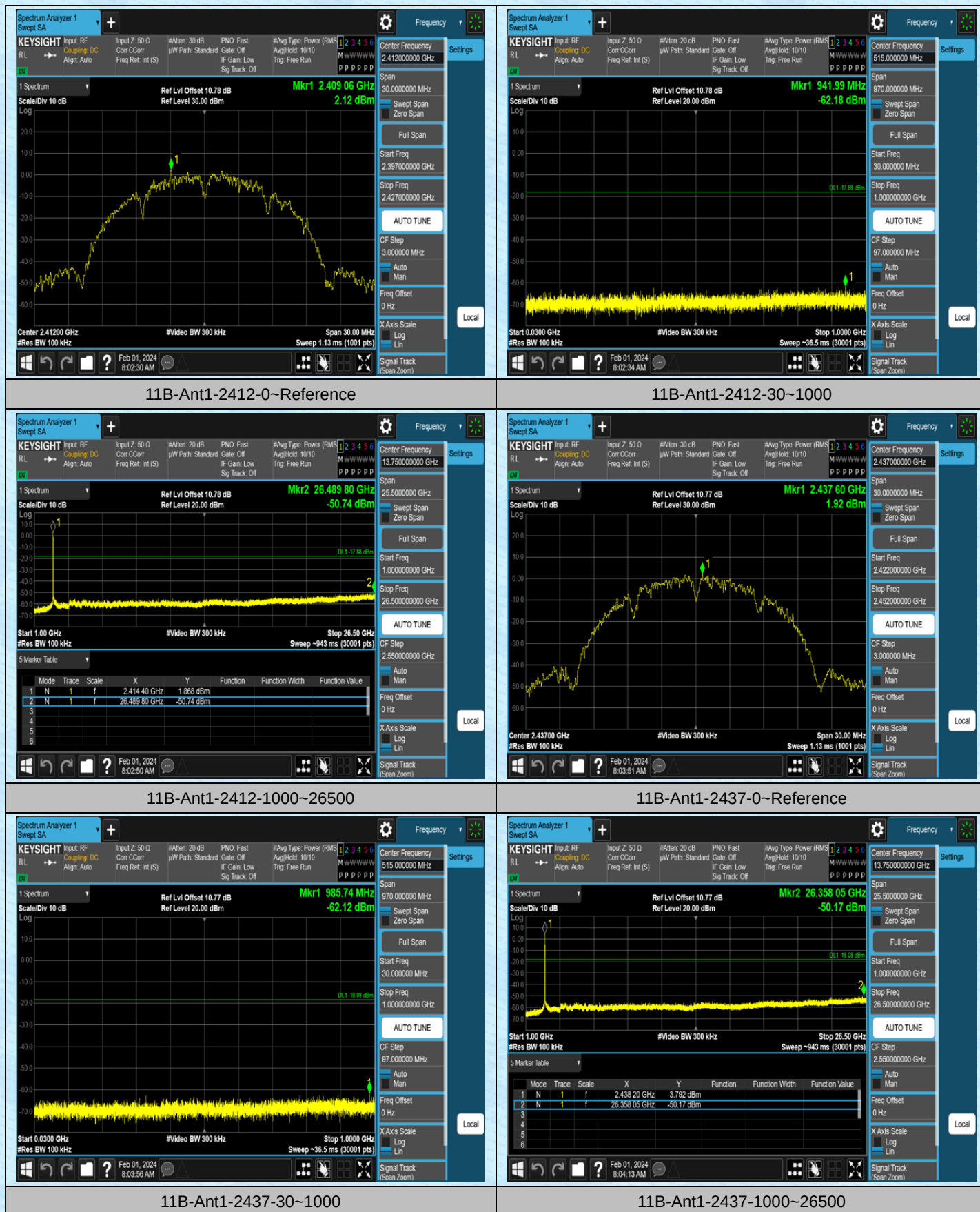


## AppendixF:Conducted Spurious Emission

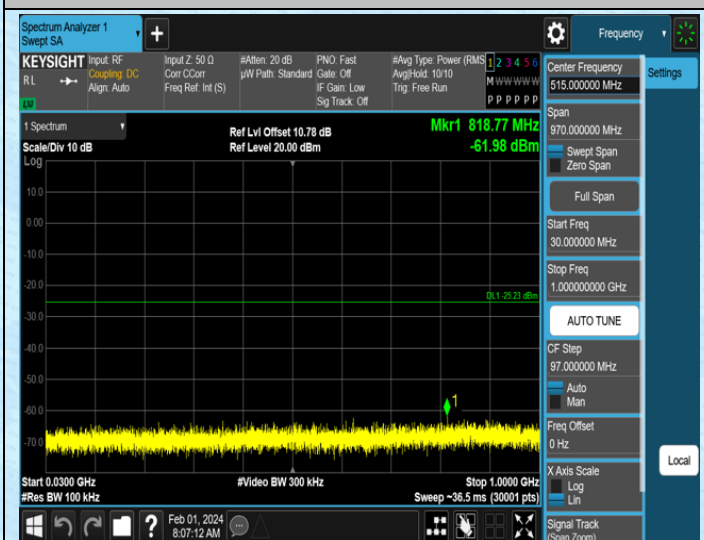
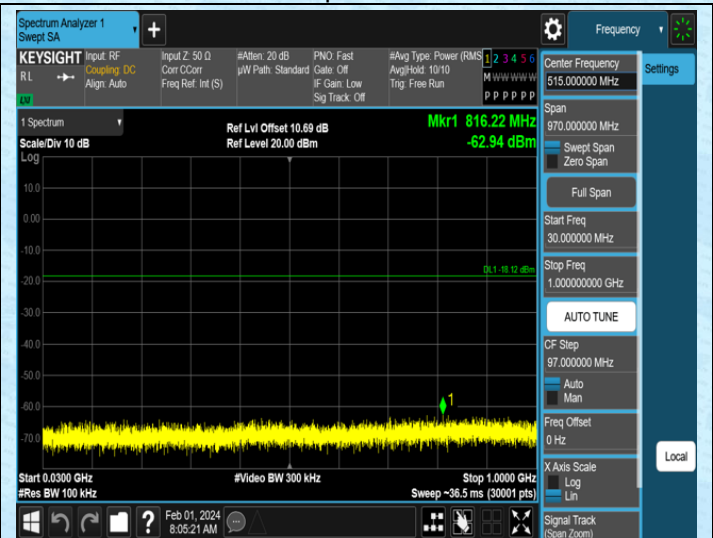
### Test Result

| Test Mode | Antenna | Frequency[MHz] | Rate  | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412           | 1Mbps | 0~Reference     | 2.12           | 2.12         | ---         | PASS    |
| 11B       | Ant1    | 2412           | 1Mbps | 30~1000         | 2.12           | -62.18       | ≤-17.88     | PASS    |
| 11B       | Ant1    | 2412           | 1Mbps | 1000~26500      | 2.12           | -50.74       | ≤-17.88     | PASS    |
| 11B       | Ant1    | 2437           | 1Mbps | 0~Reference     | 1.92           | 1.92         | ---         | PASS    |
| 11B       | Ant1    | 2437           | 1Mbps | 30~1000         | 1.92           | -62.12       | ≤-18.08     | PASS    |
| 11B       | Ant1    | 2437           | 1Mbps | 1000~26500      | 1.92           | -50.17       | ≤-18.08     | PASS    |
| 11B       | Ant1    | 2462           | 1Mbps | 0~Reference     | 1.88           | 1.88         | ---         | PASS    |
| 11B       | Ant1    | 2462           | 1Mbps | 30~1000         | 1.88           | -62.94       | ≤-18.12     | PASS    |
| 11B       | Ant1    | 2462           | 1Mbps | 1000~26500      | 1.88           | -49.9        | ≤-18.12     | PASS    |
| 11G       | Ant1    | 2412           | 6Mbps | 0~Reference     | -5.23          | -5.23        | ---         | PASS    |
| 11G       | Ant1    | 2412           | 6Mbps | 30~1000         | -5.23          | -61.98       | ≤-25.23     | PASS    |
| 11G       | Ant1    | 2412           | 6Mbps | 1000~26500      | -5.23          | -50.8        | ≤-25.23     | PASS    |
| 11G       | Ant1    | 2437           | 6Mbps | 0~Reference     | -3.31          | -3.31        | ---         | PASS    |
| 11G       | Ant1    | 2437           | 6Mbps | 30~1000         | -3.31          | -61.74       | ≤-23.31     | PASS    |
| 11G       | Ant1    | 2437           | 6Mbps | 1000~26500      | -3.31          | -50.45       | ≤-23.31     | PASS    |
| 11G       | Ant1    | 2462           | 6Mbps | 0~Reference     | -5.76          | -5.76        | ---         | PASS    |
| 11G       | Ant1    | 2462           | 6Mbps | 30~1000         | -5.76          | -62.48       | ≤-25.76     | PASS    |
| 11G       | Ant1    | 2462           | 6Mbps | 1000~26500      | -5.76          | -51.29       | ≤-25.76     | PASS    |
| 11N20SISO | Ant1    | 2412           | MCS0  | 0~Reference     | -4.92          | -4.92        | ---         | PASS    |
| 11N20SISO | Ant1    | 2412           | MCS0  | 30~1000         | -4.92          | -62.43       | ≤-24.92     | PASS    |
| 11N20SISO | Ant1    | 2412           | MCS0  | 1000~26500      | -4.92          | -50.63       | ≤-24.92     | PASS    |
| 11N20SISO | Ant1    | 2437           | MCS0  | 0~Reference     | -6.68          | -6.68        | ---         | PASS    |
| 11N20SISO | Ant1    | 2437           | MCS0  | 30~1000         | -6.68          | -61.85       | ≤-26.68     | PASS    |
| 11N20SISO | Ant1    | 2437           | MCS0  | 1000~26500      | -6.68          | -50.5        | ≤-26.68     | PASS    |
| 11N20SISO | Ant1    | 2462           | MCS0  | 0~Reference     | -5.42          | -5.42        | ---         | PASS    |
| 11N20SISO | Ant1    | 2462           | MCS0  | 30~1000         | -5.42          | -62.34       | ≤-25.42     | PASS    |
| 11N20SISO | Ant1    | 2462           | MCS0  | 1000~26500      | -5.42          | -50.86       | ≤-25.42     | PASS    |
| 11N40SISO | Ant1    | 2422           | MCS0  | 0~Reference     | -8.19          | -8.19        | ---         | PASS    |
| 11N40SISO | Ant1    | 2422           | MCS0  | 30~1000         | -8.19          | -62.37       | ≤-28.19     | PASS    |
| 11N40SISO | Ant1    | 2422           | MCS0  | 1000~26500      | -8.19          | -50.75       | ≤-28.19     | PASS    |
| 11N40SISO | Ant1    | 2437           | MCS0  | 0~Reference     | -7.62          | -7.62        | ---         | PASS    |
| 11N40SISO | Ant1    | 2437           | MCS0  | 30~1000         | -7.62          | -62.22       | ≤-27.62     | PASS    |
| 11N40SISO | Ant1    | 2437           | MCS0  | 1000~26500      | -7.62          | -50.31       | ≤-27.62     | PASS    |
| 11N40SISO | Ant1    | 2452           | MCS0  | 0~Reference     | -9.33          | -9.33        | ---         | PASS    |
| 11N40SISO | Ant1    | 2452           | MCS0  | 30~1000         | -9.33          | -61.84       | ≤-29.33     | PASS    |
| 11N40SISO | Ant1    | 2452           | MCS0  | 1000~26500      | -9.33          | -50.66       | ≤-29.33     | PASS    |

## Test Graphs

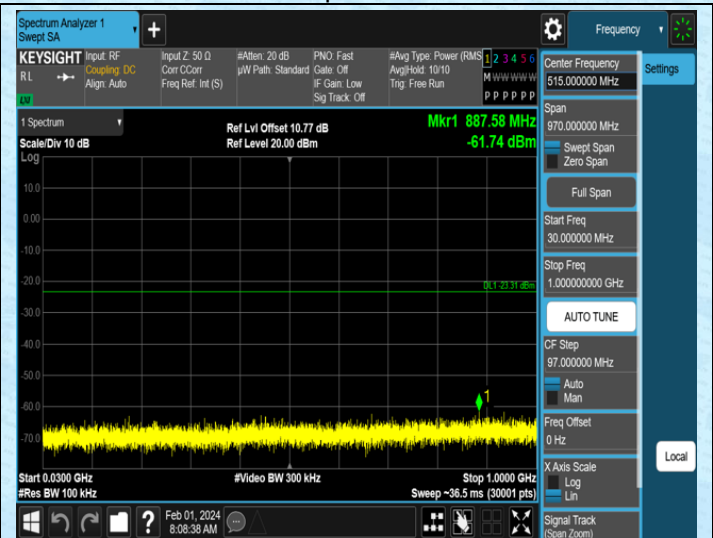








11G-Ant1-2437-0-Reference



11G-Ant1-2437-30~1000



11G-Ant1-2437-1000~26500



11G-Ant1-2462-0-Reference

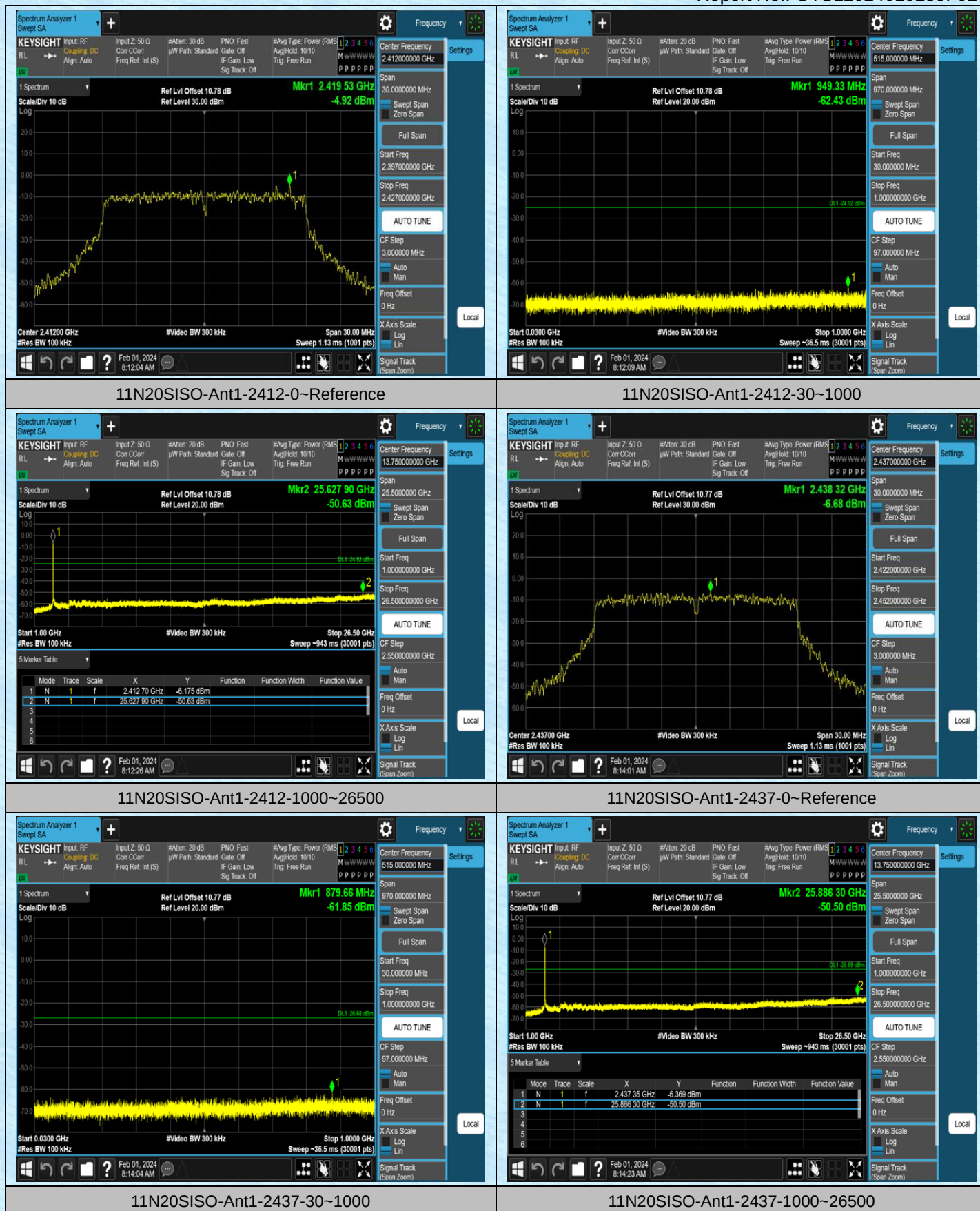


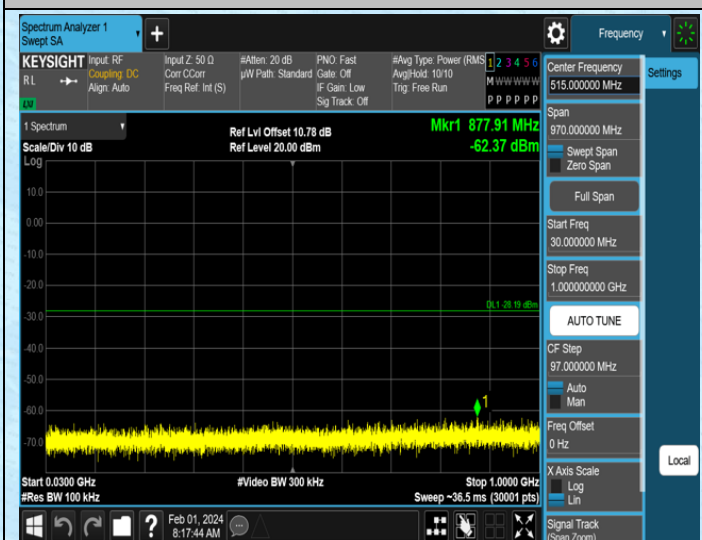
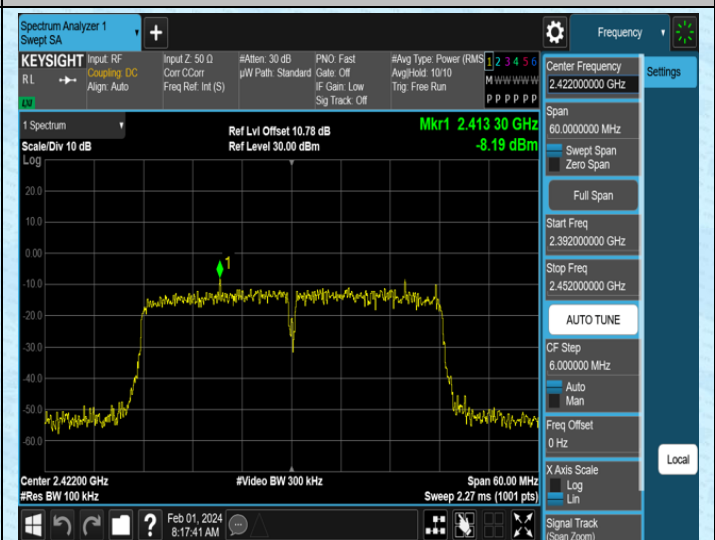
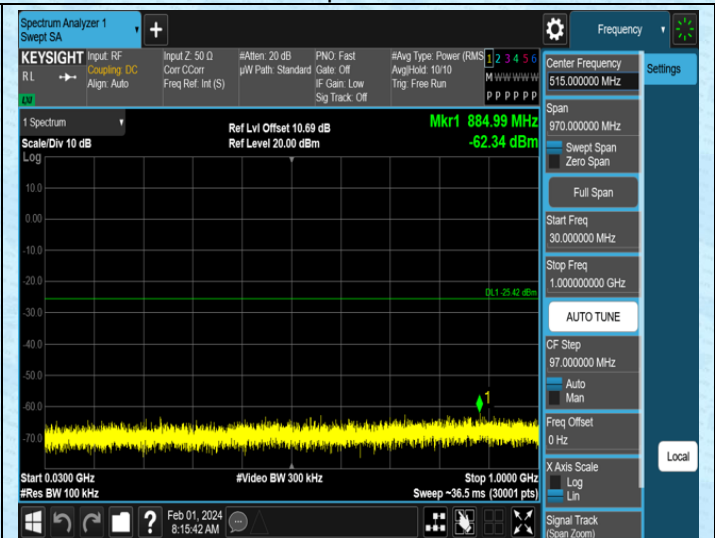
11G-Ant1-2462-30~1000



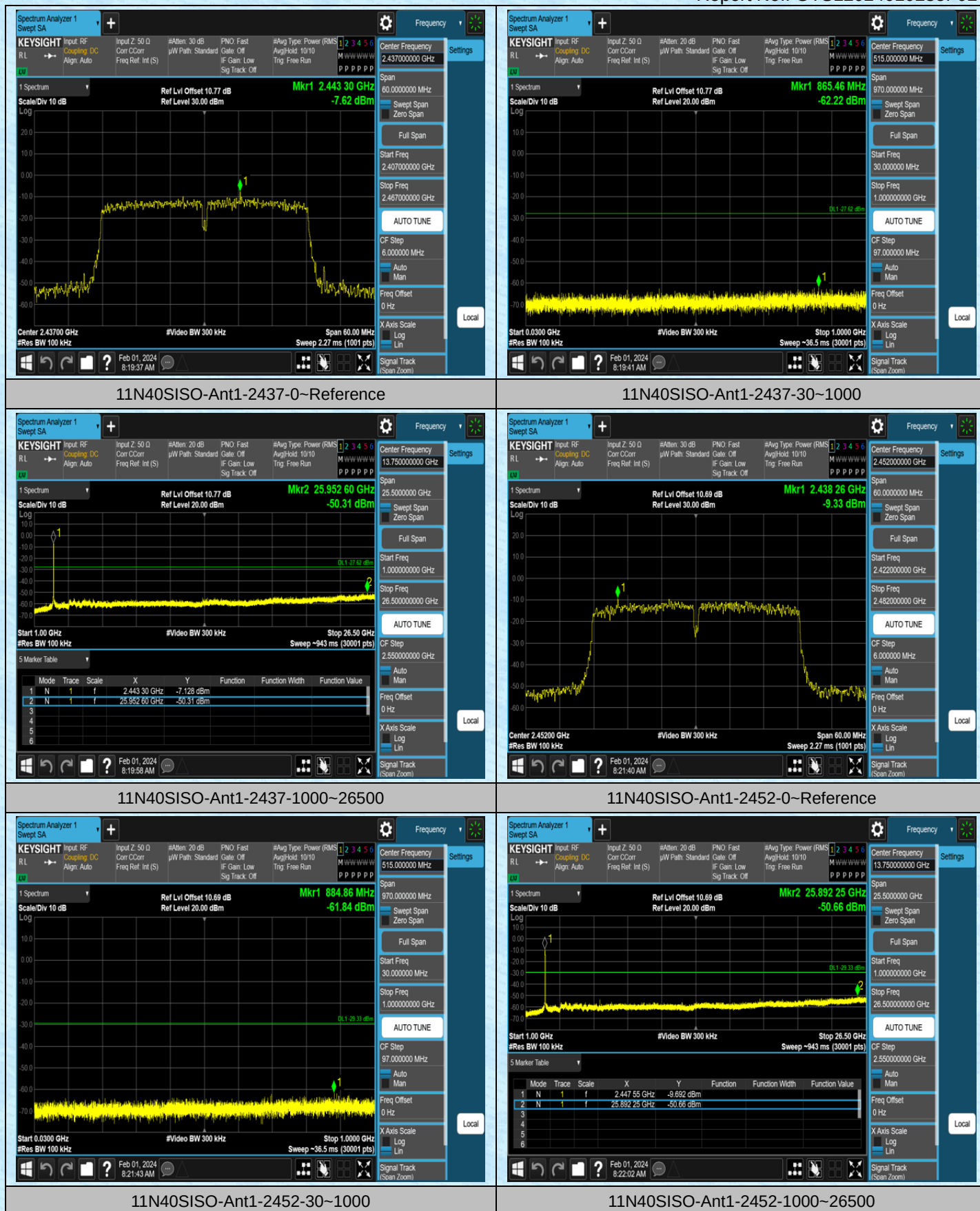
11G-Ant1-2462-1000~26500











## AppendixG: Duty Cycle

### Test Result

| Test Mode | Antenna | Frequency[MHz] | Rate  | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Factor |
|-----------|---------|----------------|-------|----------------------------|--------------------------|----------------|--------|
| 11B       | Ant1    | 2412           | 1Mbps | 12.42                      | 12.55                    | 98.96          | 0.05   |
| 11B       | Ant1    | 2437           | 1Mbps | 12.42                      | 12.55                    | 98.96          | 0.05   |
| 11B       | Ant1    | 2462           | 1Mbps | 12.42                      | 12.55                    | 98.96          | 0.05   |
| 11G       | Ant1    | 2412           | 6Mbps | 2.06                       | 2.19                     | 94.06          | 0.27   |
| 11G       | Ant1    | 2437           | 6Mbps | 2.06                       | 2.19                     | 94.06          | 0.27   |
| 11G       | Ant1    | 2462           | 6Mbps | 2.06                       | 2.19                     | 94.06          | 0.27   |
| 11N20SISO | Ant1    | 2412           | MCS0  | 1.92                       | 2.05                     | 93.66          | 0.28   |
| 11N20SISO | Ant1    | 2437           | MCS0  | 1.92                       | 2.05                     | 93.66          | 0.28   |
| 11N20SISO | Ant1    | 2462           | MCS0  | 1.92                       | 2.05                     | 93.66          | 0.28   |
| 11N40SISO | Ant1    | 2422           | MCS0  | 0.94                       | 1.07                     | 87.85          | 0.56   |
| 11N40SISO | Ant1    | 2437           | MCS0  | 0.95                       | 1.08                     | 87.96          | 0.56   |
| 11N40SISO | Ant1    | 2452           | MCS0  | 0.95                       | 1.08                     | 87.96          | 0.56   |

### Test Graphs

