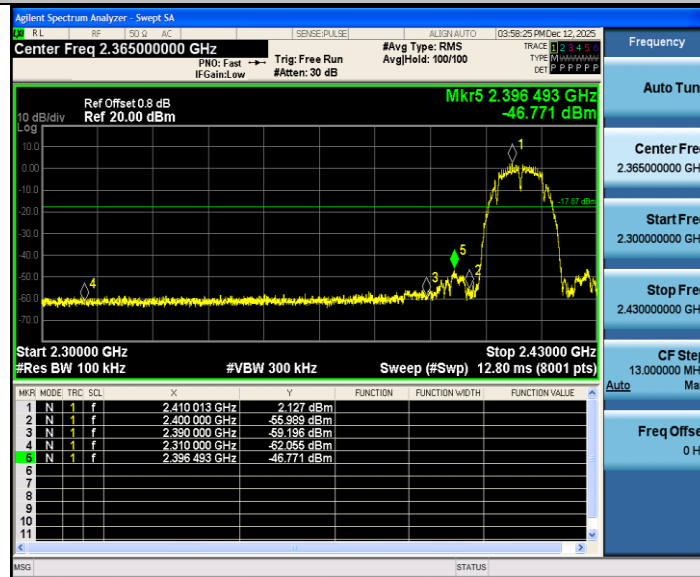
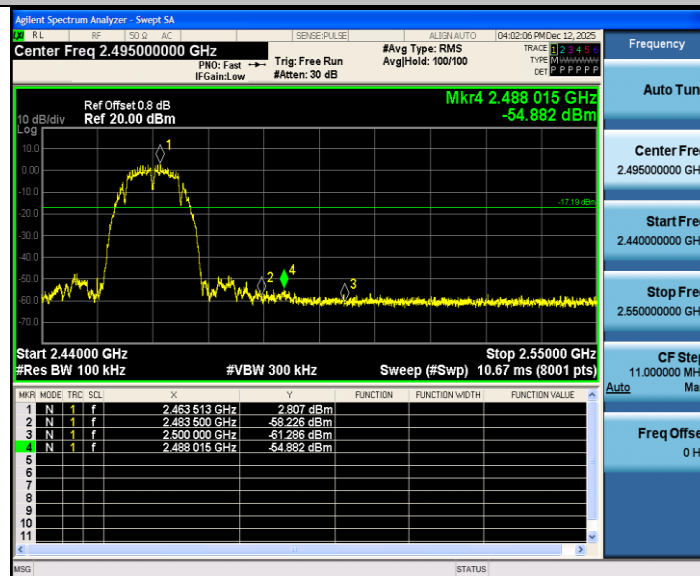


## Test Graphs

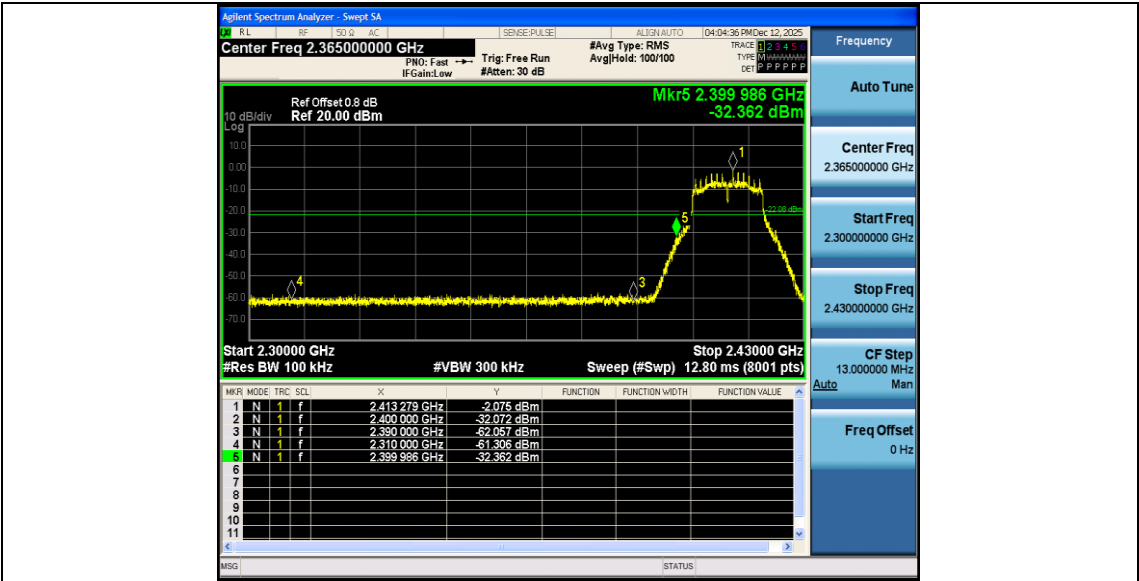
11B\_Ant1\_Low\_2412



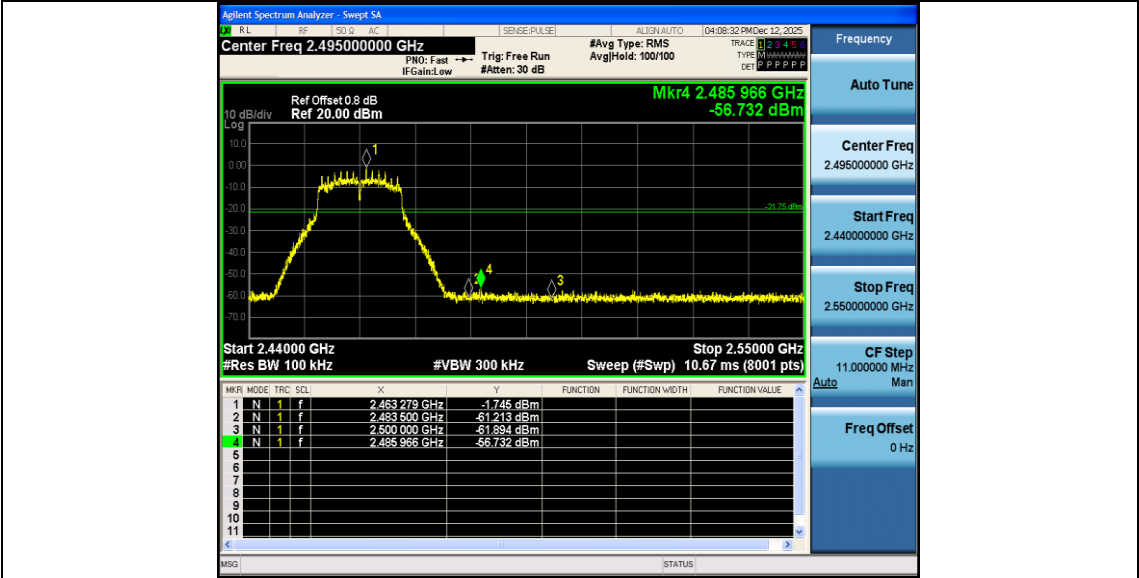
11B\_Ant1\_High\_2462



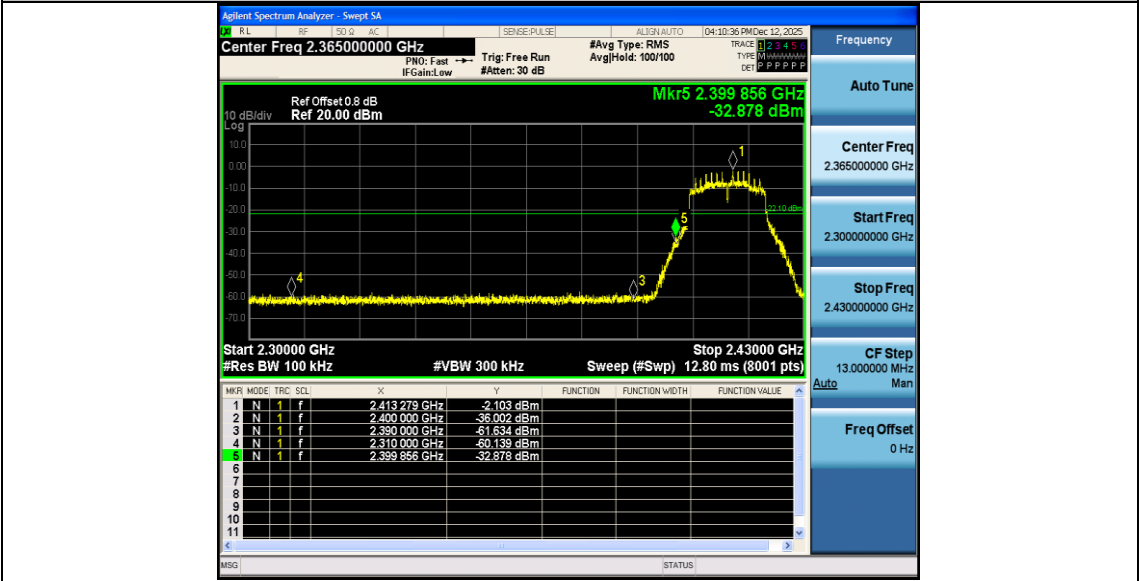
11G\_Ant1\_Low\_2412



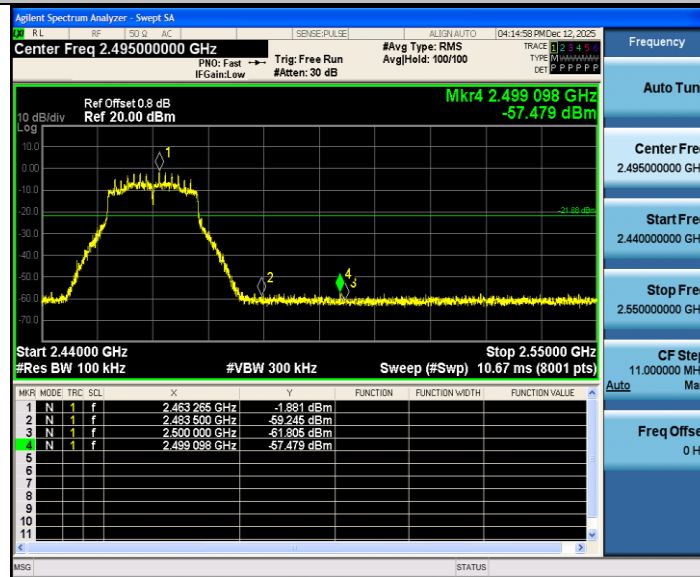
11G\_Ant1\_High\_2462



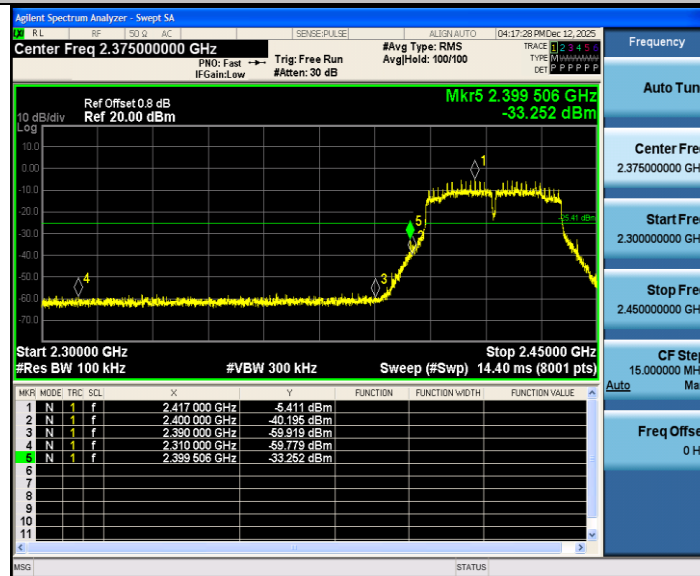
11N20SISO\_Ant1\_Low\_2412



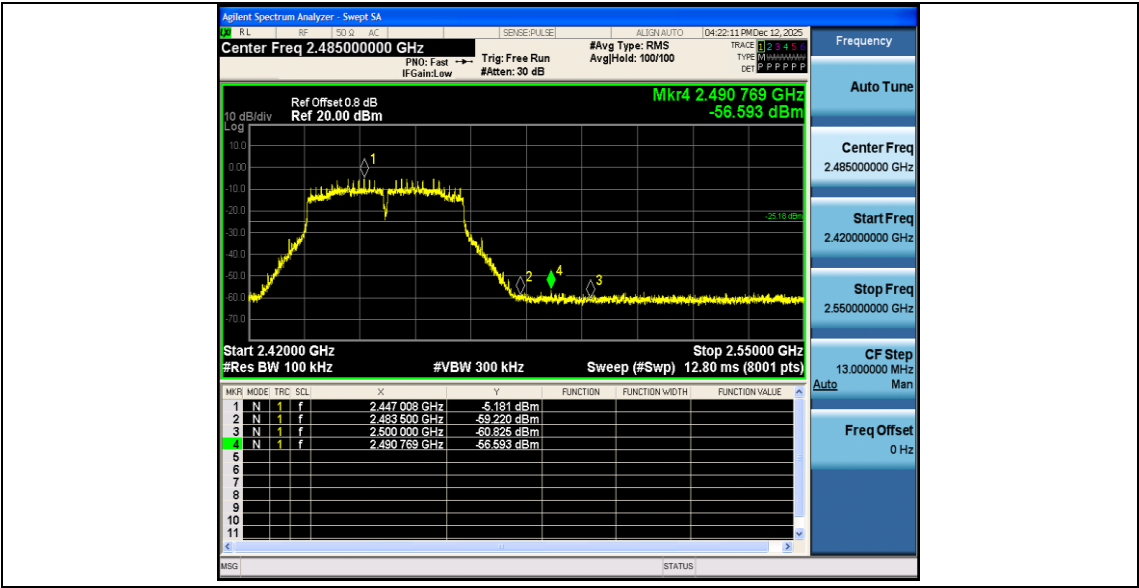
# 11N20SISO\_Ant1\_High\_2462



# 11N40SISO\_Ant1\_Low\_2422



# 11N40SISO\_Ant1\_High\_2452



## Appendix F: Conducted Spurious Emission

### Test Result

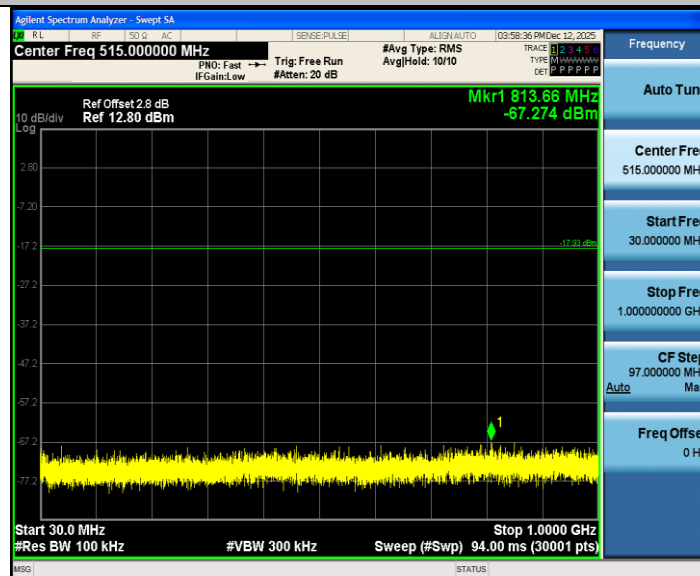
| TestMode  | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant2    | 2412           | Reference       | 2.07           | 2.07         | ---         | PASS    |
|           |         |                | 30~1000         | 2.07           | -67.27       | ≤-17.93     | PASS    |
|           |         |                | 1000~26500      | 2.07           | -54.44       | ≤-17.93     | PASS    |
|           |         | 2437           | Reference       | 2.36           | 2.36         | ---         | PASS    |
|           |         |                | 30~1000         | 2.36           | -66.87       | ≤-17.64     | PASS    |
|           |         |                | 1000~26500      | 2.36           | -54.12       | ≤-17.64     | PASS    |
|           |         | 2462           | Reference       | 1.65           | 1.65         | ---         | PASS    |
|           |         |                | 30~1000         | 1.65           | -66.31       | ≤-18.35     | PASS    |
|           |         |                | 1000~26500      | 1.65           | -54.86       | ≤-18.35     | PASS    |
| 11G       | Ant2    | 2412           | Reference       | -2.83          | -2.83        | ---         | PASS    |
|           |         |                | 30~1000         | -2.83          | -66.95       | ≤-22.83     | PASS    |
|           |         |                | 1000~26500      | -2.83          | -54.94       | ≤-22.83     | PASS    |
|           |         | 2437           | Reference       | -2.95          | -2.95        | ---         | PASS    |
|           |         |                | 30~1000         | -2.95          | -67.38       | ≤-22.95     | PASS    |
|           |         |                | 1000~26500      | -2.95          | -54.05       | ≤-22.95     | PASS    |
|           |         | 2462           | Reference       | -2.13          | -2.13        | ---         | PASS    |
|           |         |                | 30~1000         | -2.13          | -67.22       | ≤-22.13     | PASS    |
|           |         |                | 1000~26500      | -2.13          | -55.17       | ≤-22.13     | PASS    |
| 11N20SISO | Ant2    | 2412           | Reference       | -3.48          | -3.48        | ---         | PASS    |
|           |         |                | 30~1000         | -3.48          | -67.88       | ≤-23.48     | PASS    |
|           |         |                | 1000~26500      | -3.48          | -55.14       | ≤-23.48     | PASS    |
|           |         | 2437           | Reference       | -2.49          | -2.49        | ---         | PASS    |
|           |         |                | 30~1000         | -2.49          | -67.92       | ≤-22.49     | PASS    |
|           |         |                | 1000~26500      | -2.49          | -54.73       | ≤-22.49     | PASS    |
|           |         | 2462           | Reference       | -2.21          | -2.21        | ---         | PASS    |
|           |         |                | 30~1000         | -2.21          | -67.97       | ≤-22.21     | PASS    |
|           |         |                | 1000~26500      | -2.21          | -54.76       | ≤-22.21     | PASS    |
| 11N40SISO | Ant2    | 2422           | Reference       | -6.20          | -6.20        | ---         | PASS    |
|           |         |                | 30~1000         | -6.20          | -67.97       | ≤-26.2      | PASS    |
|           |         |                | 1000~26500      | -6.20          | -54.46       | ≤-26.2      | PASS    |
|           |         | 2437           | Reference       | -5.88          | -5.88        | ---         | PASS    |
|           |         |                | 30~1000         | -5.88          | -67.72       | ≤-25.88     | PASS    |
|           |         |                | 1000~26500      | -5.88          | -54.23       | ≤-25.88     | PASS    |
|           |         | 2452           | Reference       | -5.14          | -5.14        | ---         | PASS    |
|           |         |                | 30~1000         | -5.14          | -67.86       | ≤-25.14     | PASS    |
|           |         |                | 1000~26500      | -5.14          | -54.65       | ≤-25.14     | PASS    |

## Test Graphs

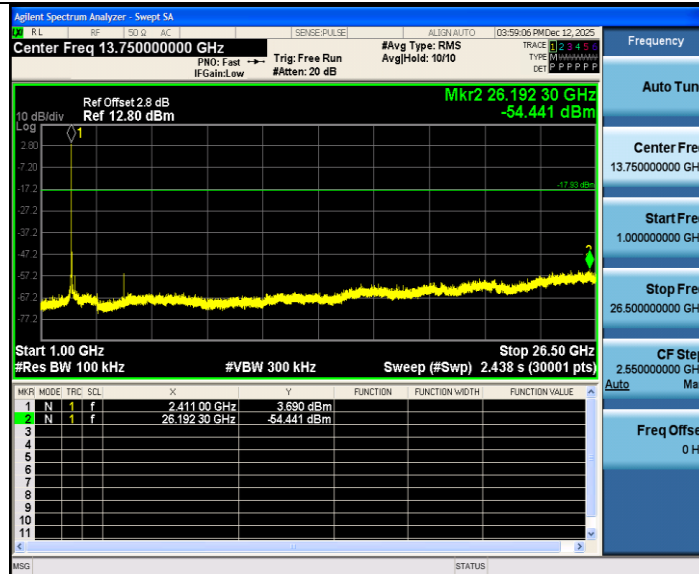
11B\_Ant1\_2412\_0~Reference



11B\_Ant1\_2412\_30~1000



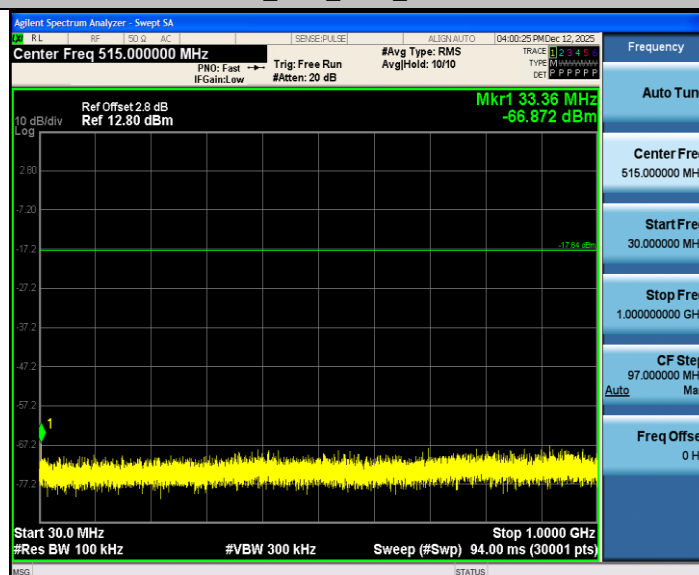
11B\_Ant1\_2412\_1000~26500



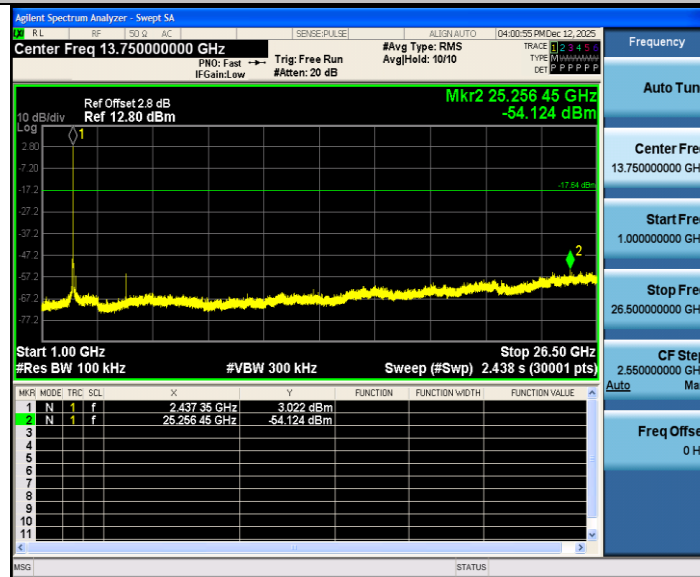
11B\_Ant1\_2437\_0~Reference



11B\_Ant1\_2437\_30~1000



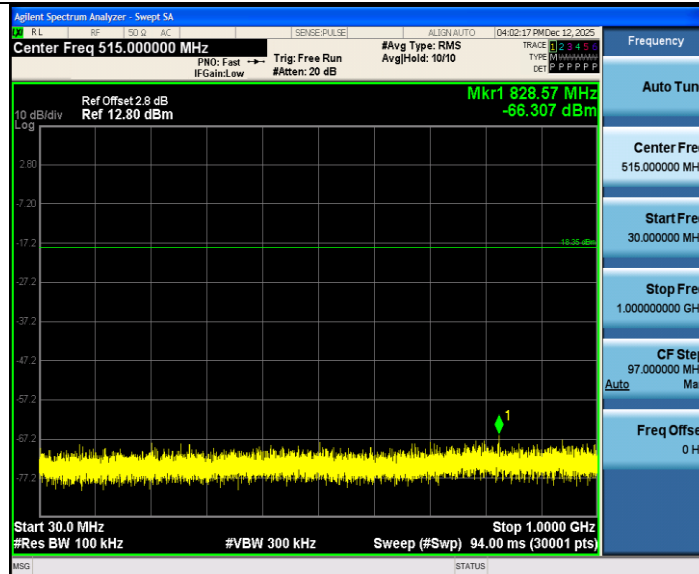
# 11B\_Ant1\_2437\_1000~26500



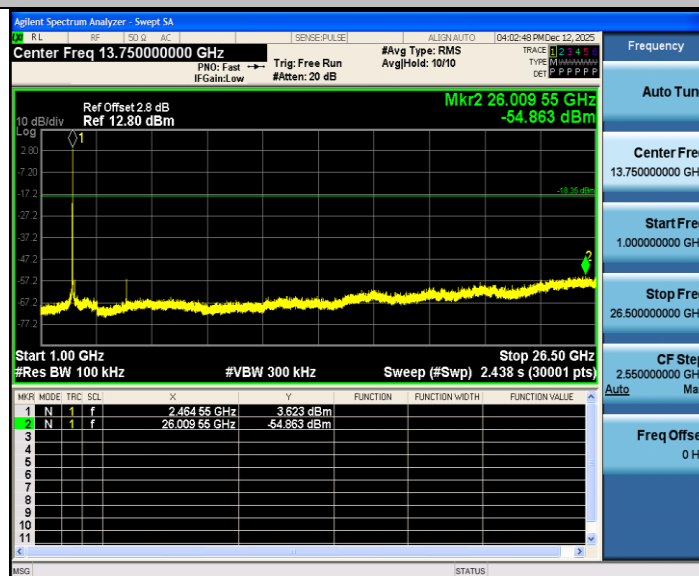
# 11B\_Ant1\_2462\_0~Reference



# 11B\_Ant1\_2462\_30~1000



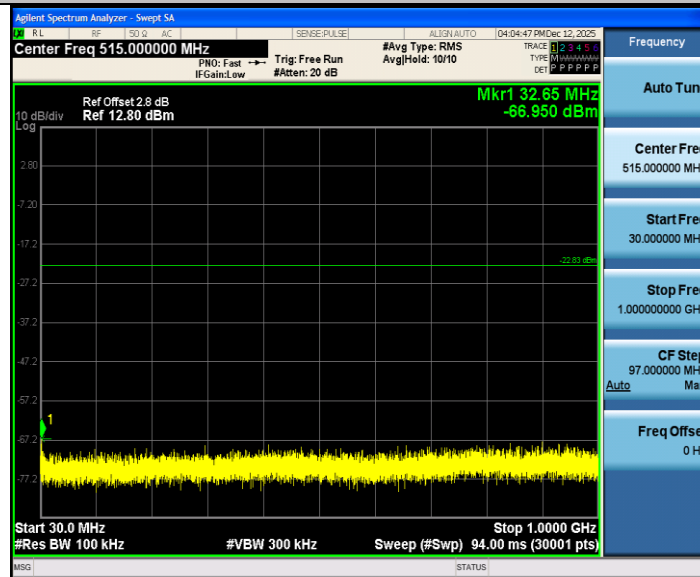
11B\_Ant1\_2462\_1000~26500



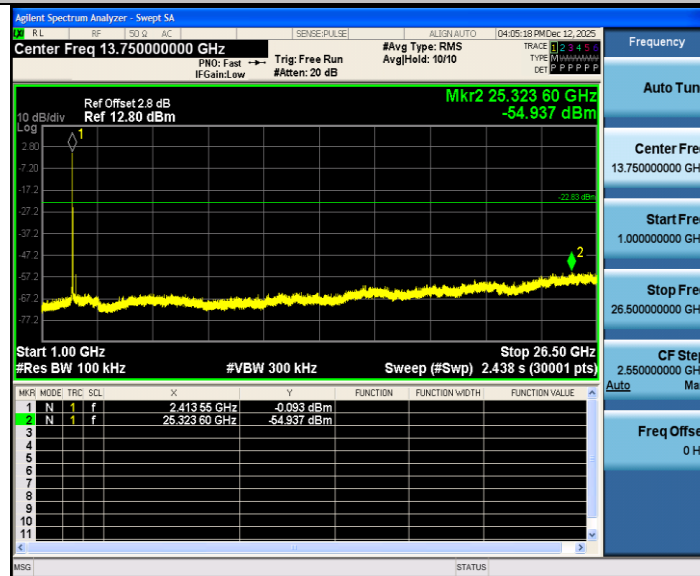
11G\_Ant1\_2412\_0~Reference



# 11G\_Ant1\_2412\_30~1000



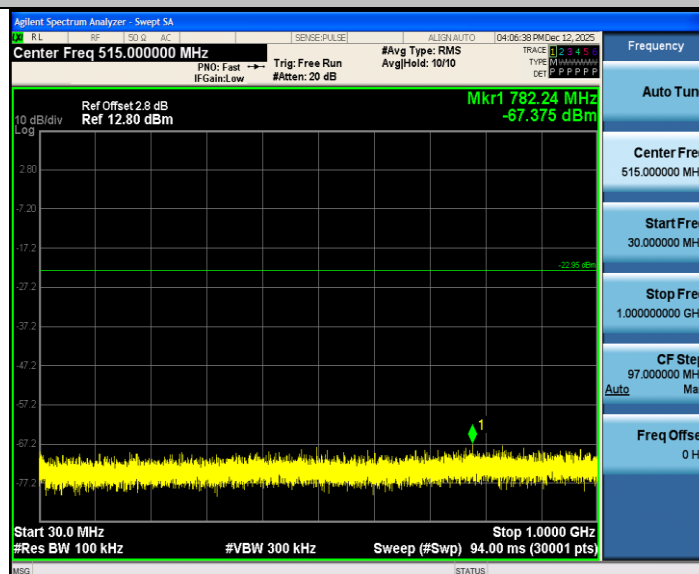
# 11G\_Ant1\_2412\_1000~26500



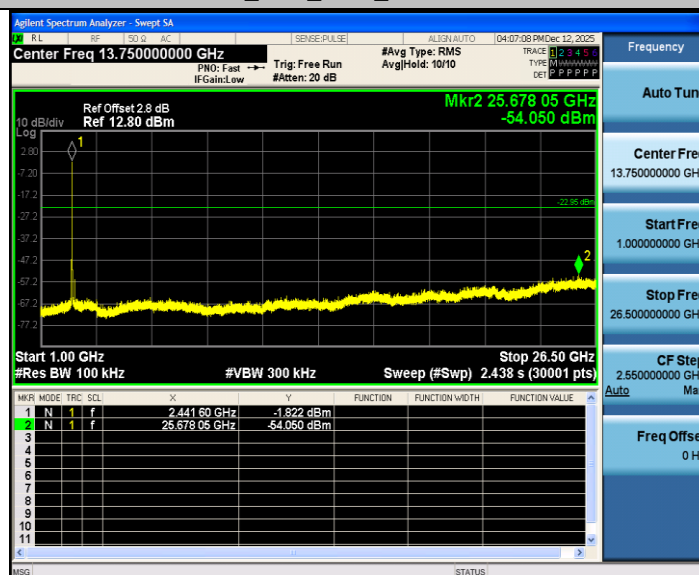
# 11G\_Ant1\_2437\_0~Reference



11G\_Ant1\_2437\_30~1000



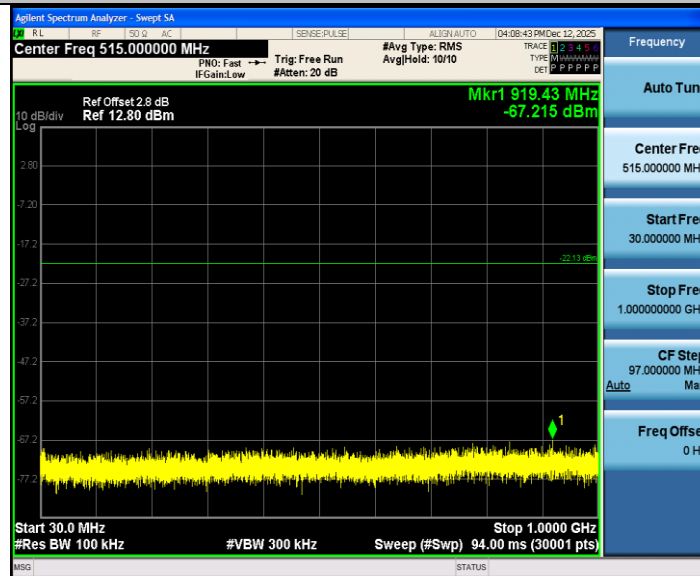
11G\_Ant1\_2437\_1000~26500



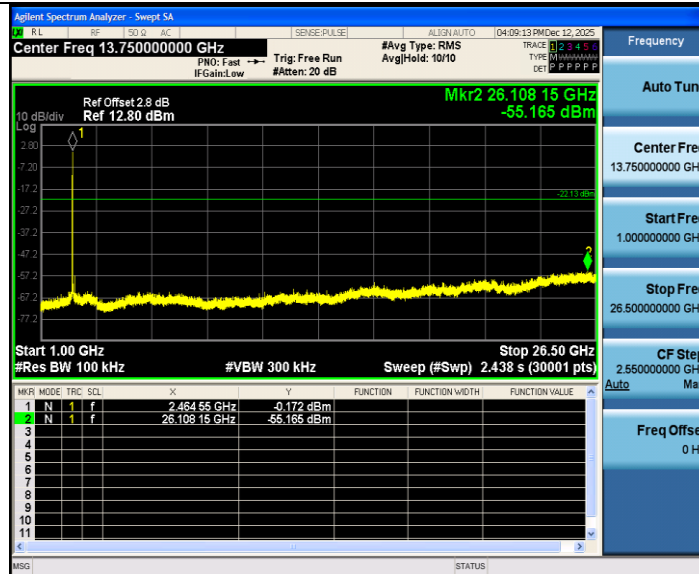
# 11G\_Ant1\_2462\_0~Reference



# 11G\_Ant1\_2462\_30~1000



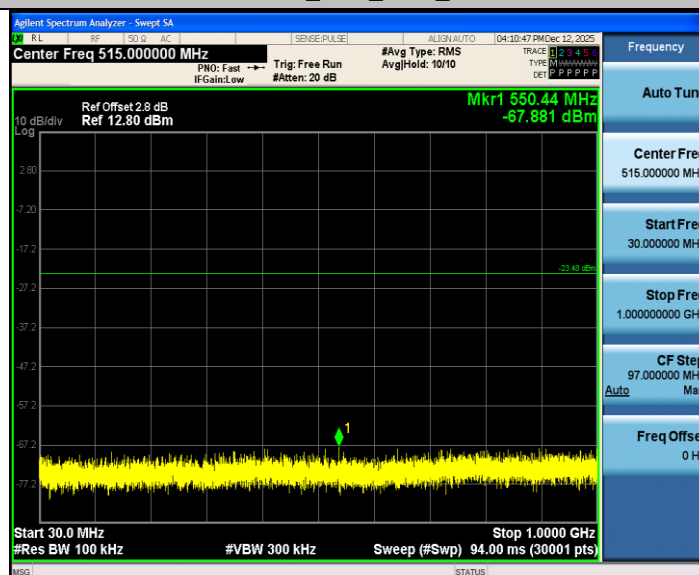
# 11G\_Ant1\_2462\_1000~26500



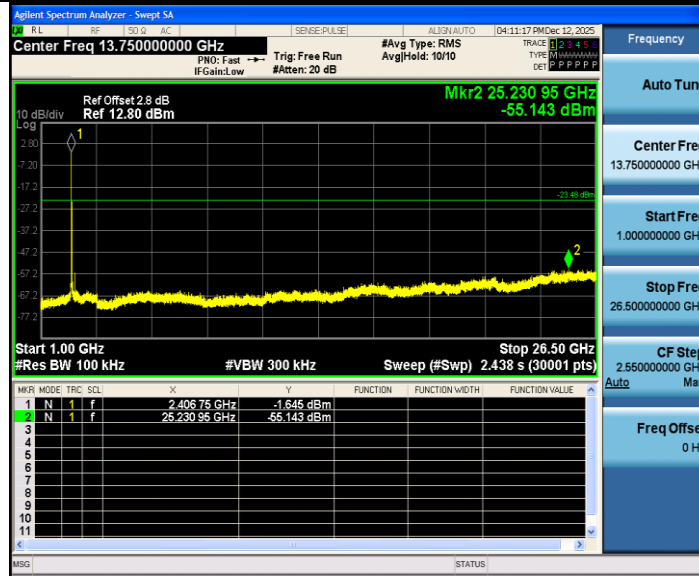
11N20SISO\_Ant1\_2412\_0~Reference



11N20SISO\_Ant1\_2412\_30~1000



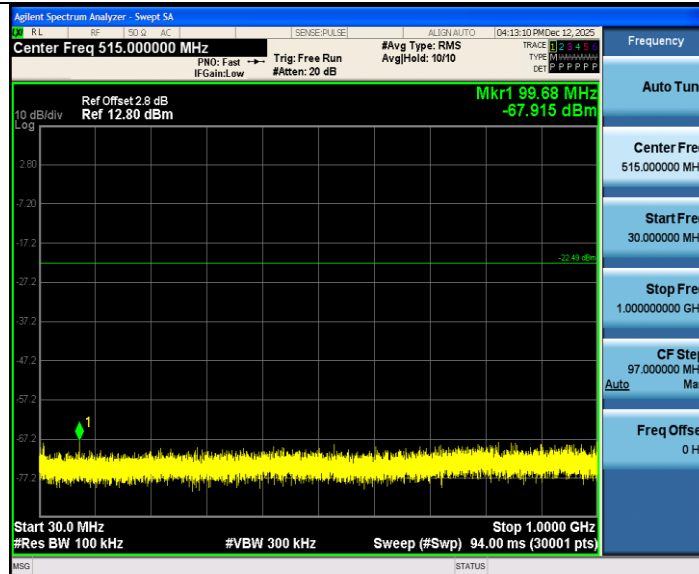
# 11N20SISO\_Ant1\_2412\_1000~26500



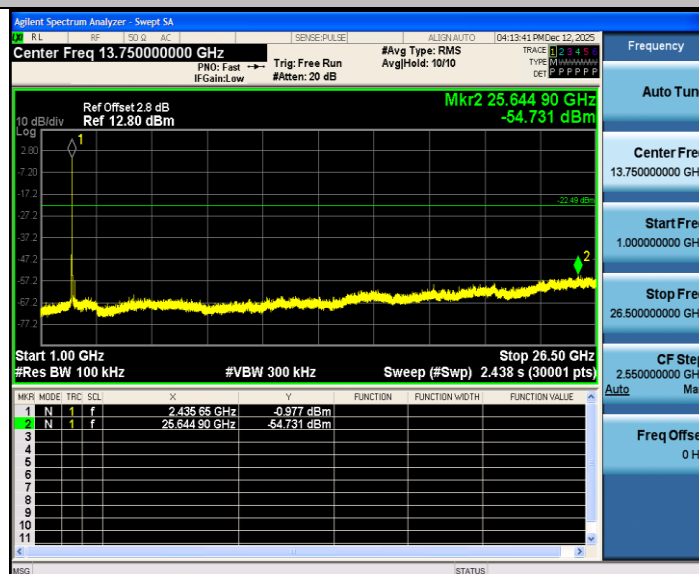
# 11N20SISO\_Ant1\_2437\_0~Reference



# 11N20SISO\_Ant1\_2437\_30~1000



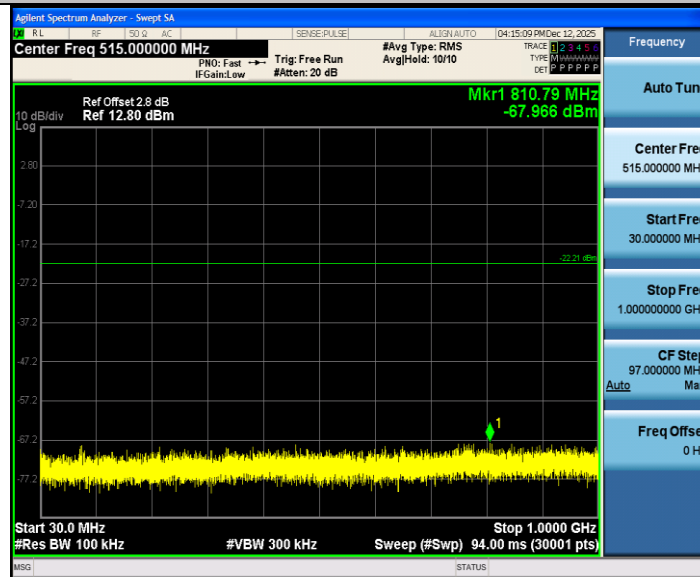
11N20SISO\_Ant1\_2437\_1000~26500



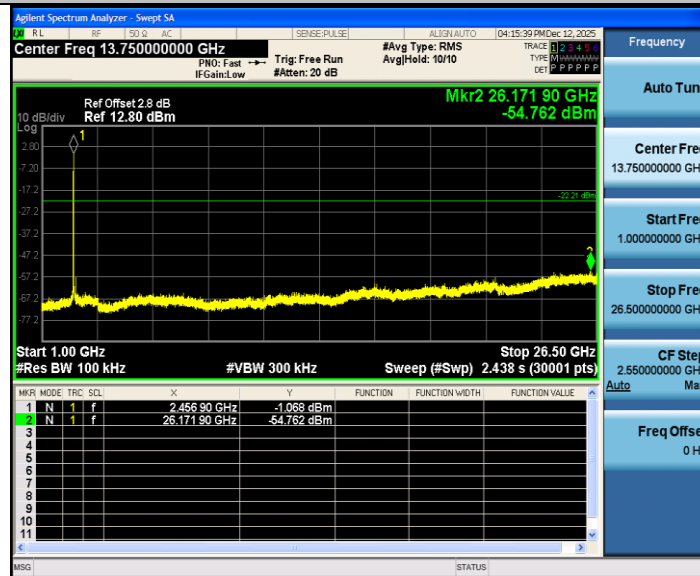
11N20SISO\_Ant1\_2462\_0~Reference



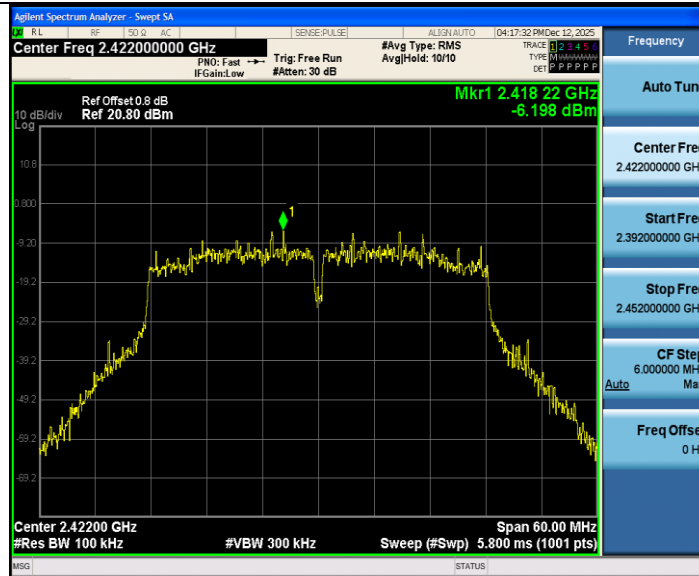
# 11N20SISO\_Ant1\_2462\_30~1000



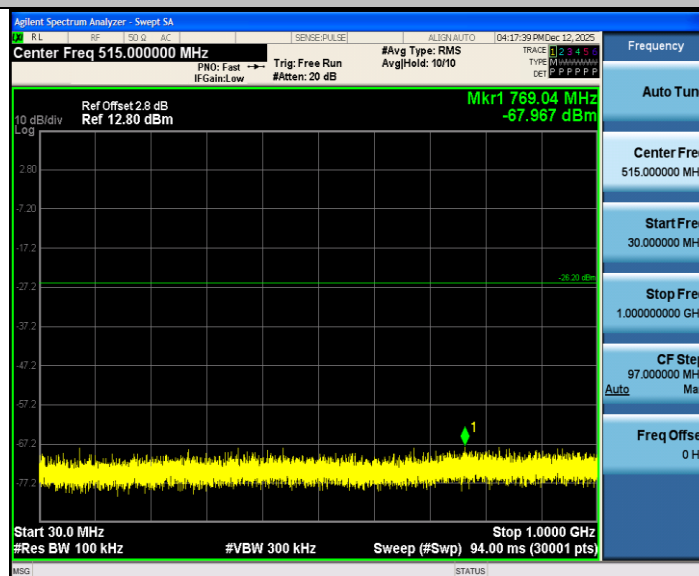
# 11N20SISO\_Ant1\_2462\_1000~26500



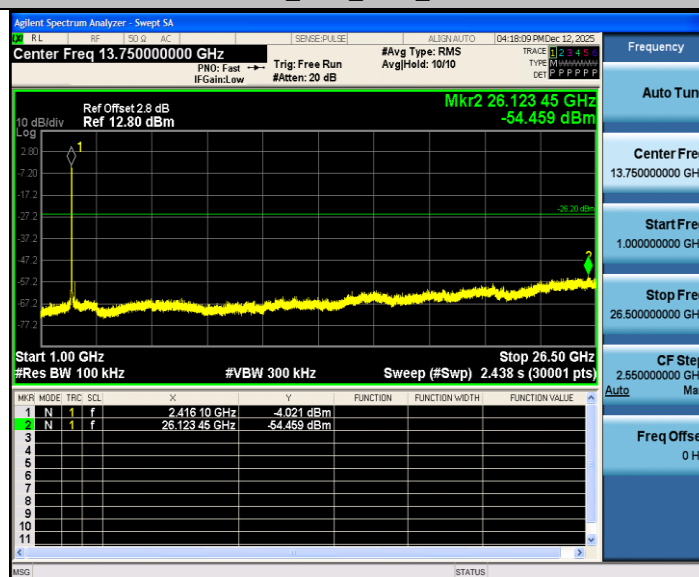
# 11N40SISO\_Ant1\_2422\_0~Reference



11N40SISO\_Ant1\_2422\_30~1000



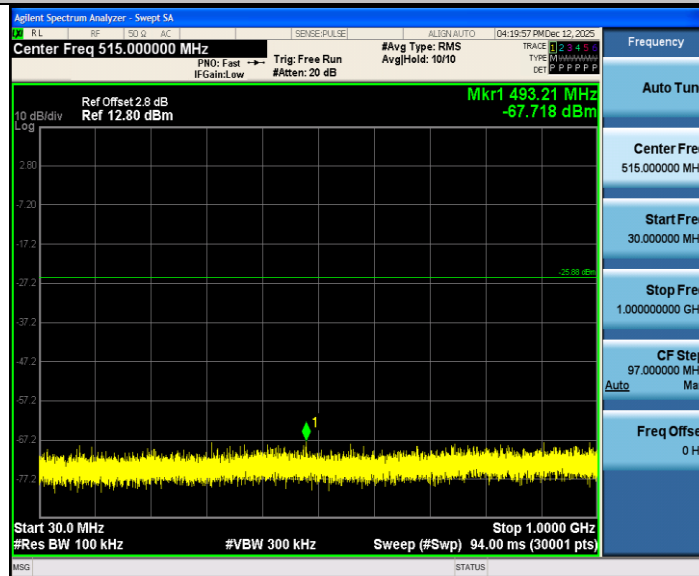
11N40SISO\_Ant1\_2422\_1000~26500



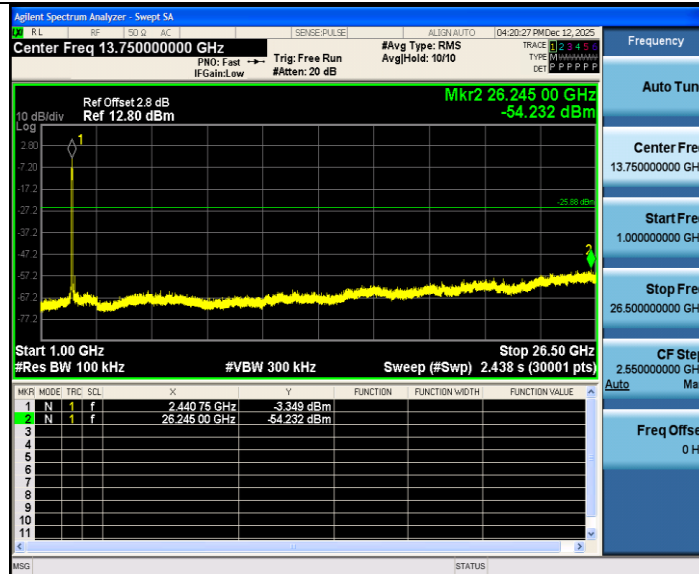
# 11N40SISO\_Ant1\_2437\_0~Reference



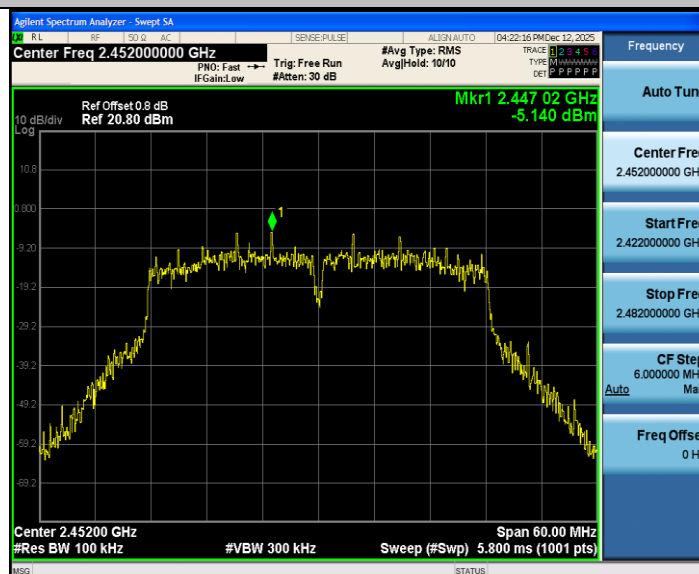
# 11N40SISO\_Ant1\_2437\_30~1000



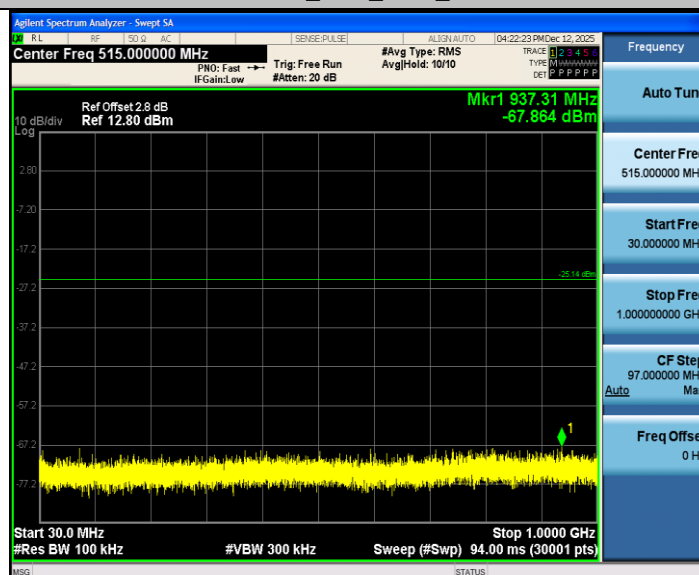
# 11N40SISO\_Ant1\_2437\_1000~26500



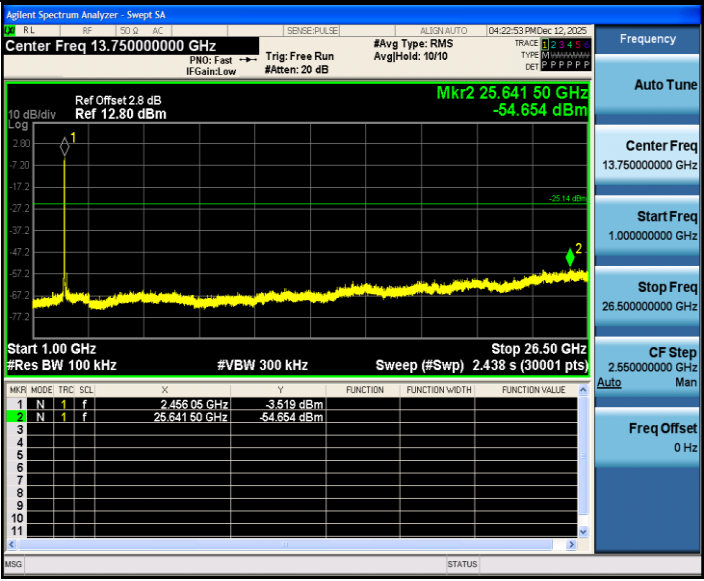
11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_30~1000



11N40SISO\_Ant1\_2452\_1000~26500



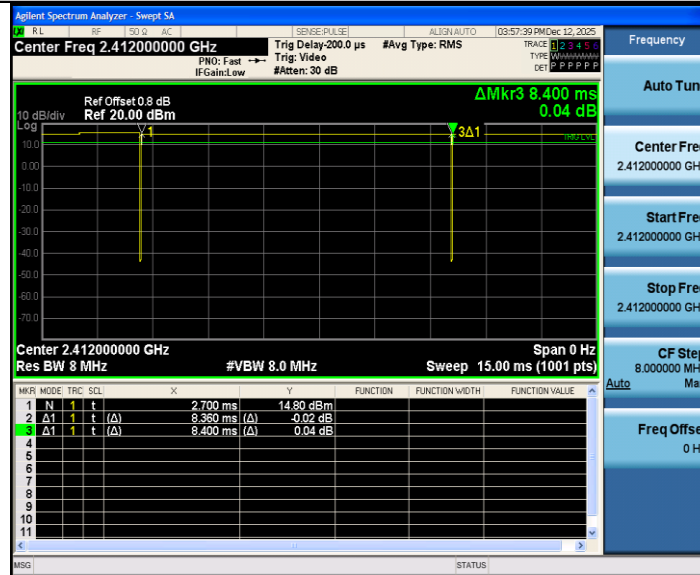
## Appendix G: Duty Cycle

### Test Result

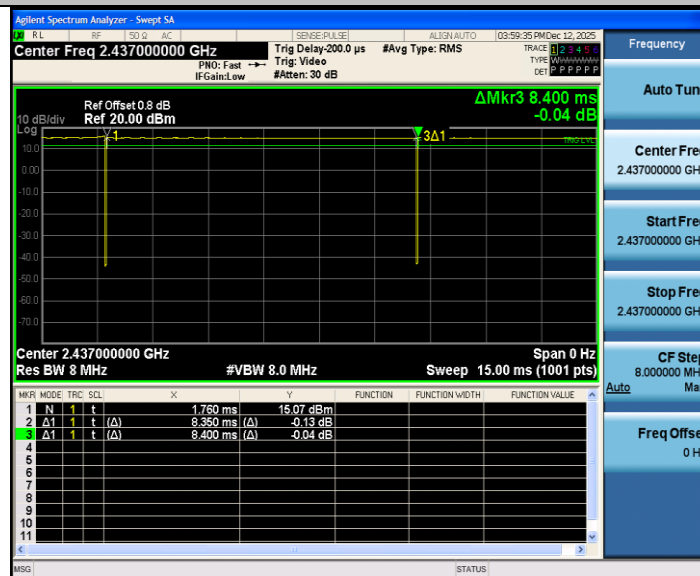
| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration [ms] | Transmission<br>Period [ms] | Duty Cycle<br>[%] |
|-----------|---------|----------------|-------------------------------|-----------------------------|-------------------|
| 11B       | Ant2    | 2412           | 8.36                          | 8.40                        | 99.52             |
|           |         | 2437           | 8.35                          | 8.40                        | 99.40             |
|           |         | 2462           | 8.36                          | 8.40                        | 99.52             |
| 11G       | Ant2    | 2412           | 0.15                          | 0.20                        | 75.00             |
|           |         | 2437           | 0.14                          | 0.19                        | 73.68             |
|           |         | 2462           | 0.15                          | 0.20                        | 75.00             |
| 11N20SISO | Ant2    | 2412           | 0.18                          | 0.23                        | 78.26             |
|           |         | 2437           | 0.17                          | 0.22                        | 77.27             |
|           |         | 2462           | 0.17                          | 0.22                        | 77.27             |
| 11N40SISO | Ant2    | 2422           | 0.18                          | 0.23                        | 78.26             |
|           |         | 2437           | 0.18                          | 0.23                        | 78.26             |
|           |         | 2452           | 0.18                          | 0.23                        | 78.26             |

## Test Graphs

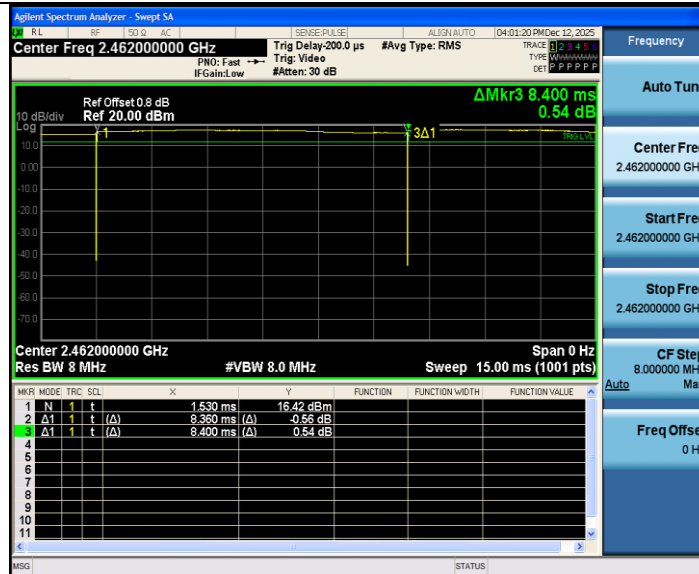
11B\_Ant1\_2412



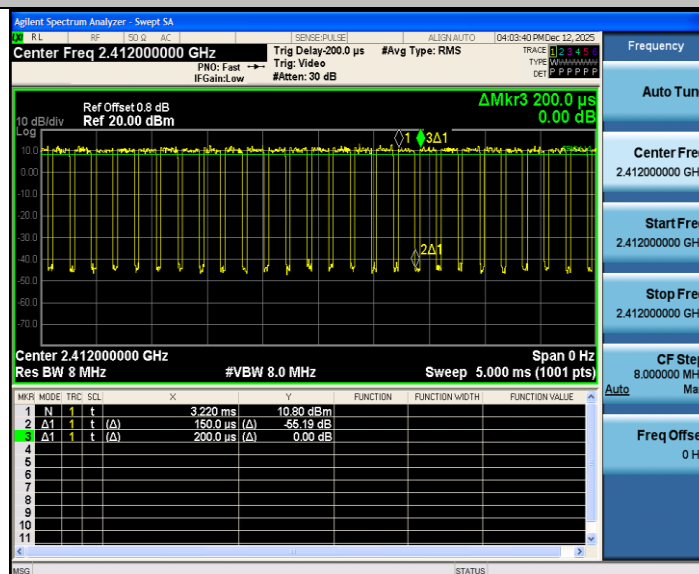
11B\_Ant1\_2437



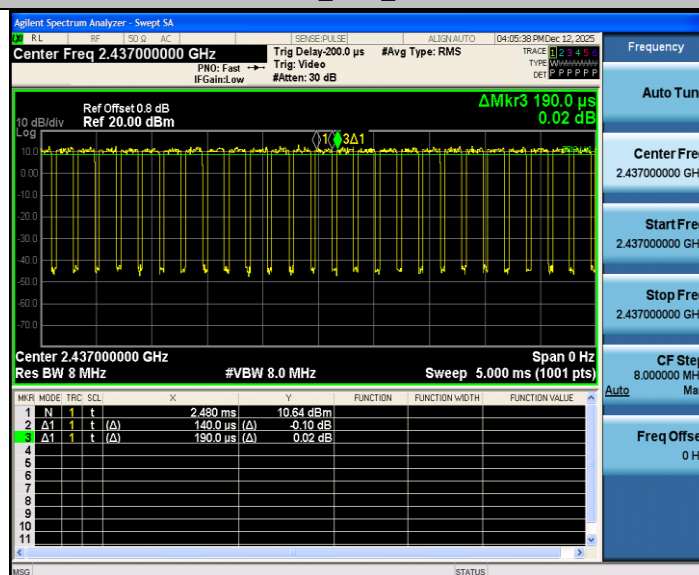
11B\_Ant1\_2462



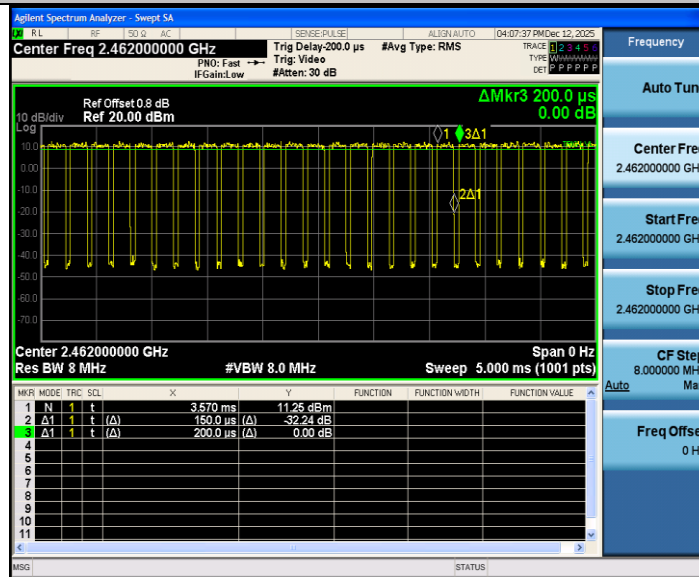
11G\_Ant1\_2412



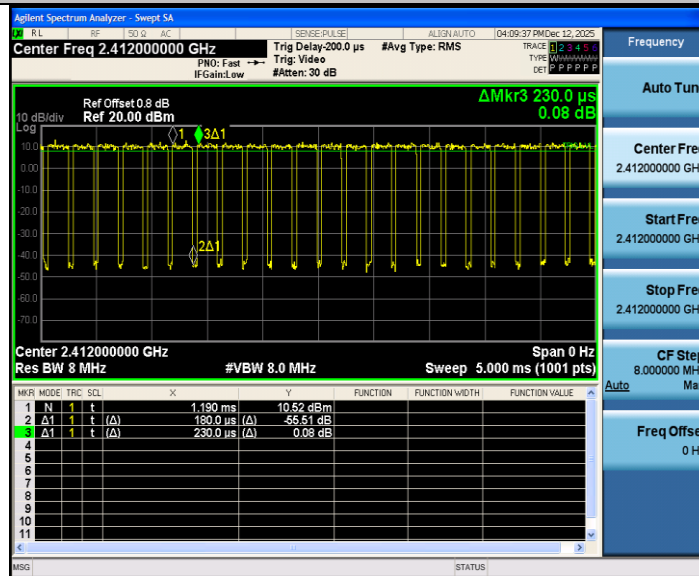
11G\_Ant1\_2437



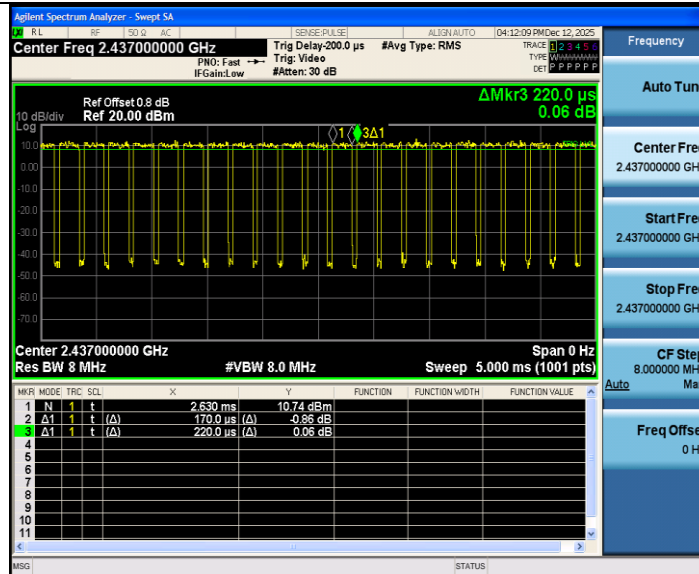
# 11G\_Ant1\_2462



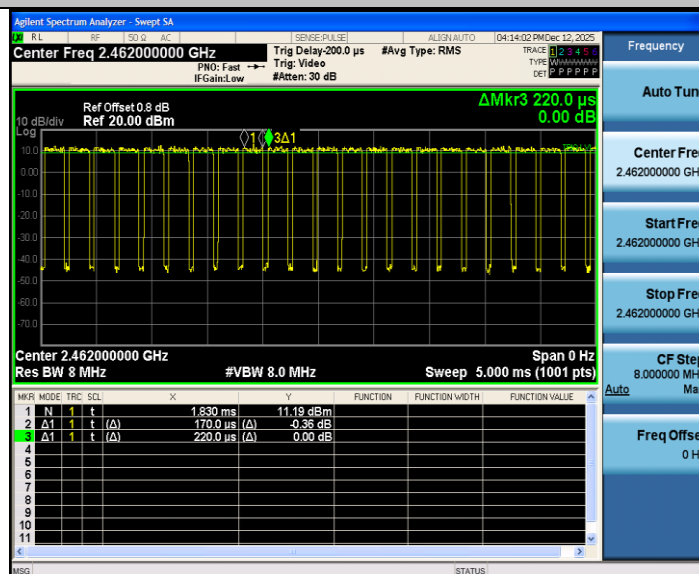
# 11N20SISO\_Ant1\_2412



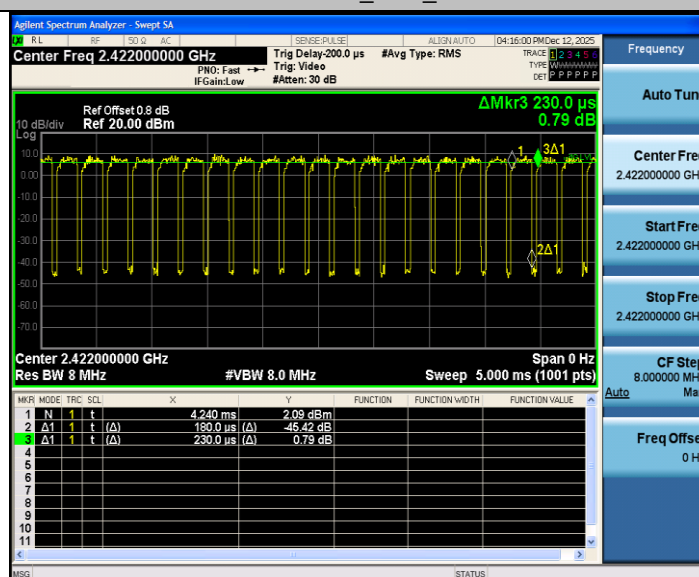
# 11N20SISO\_Ant1\_2437



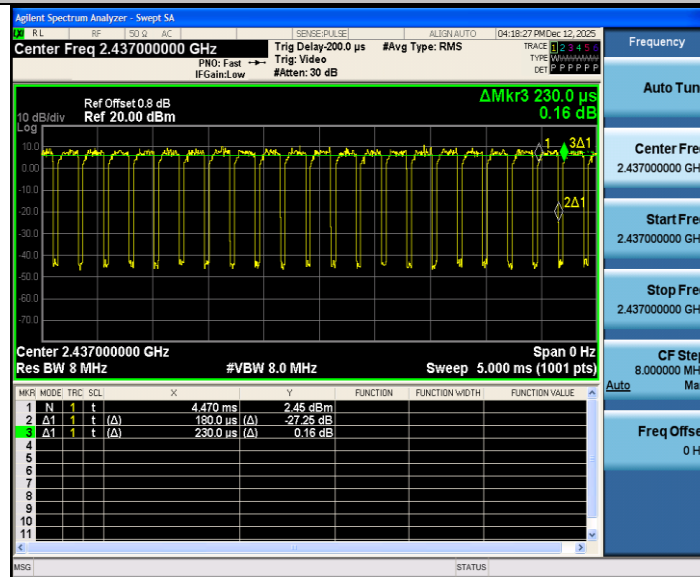
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452

