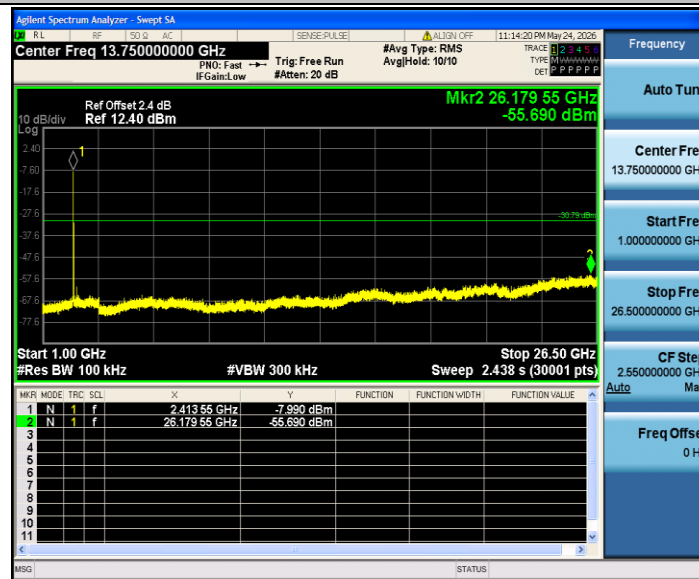


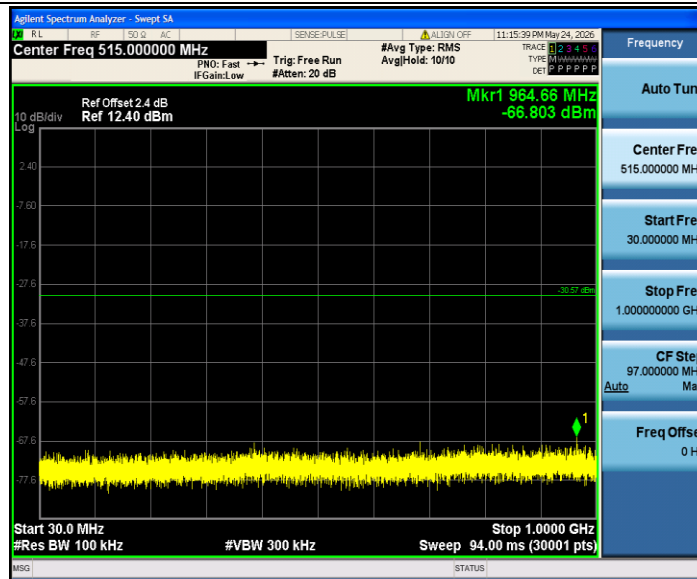
# 11N20SISO\_Ant1\_2412\_1000~26500



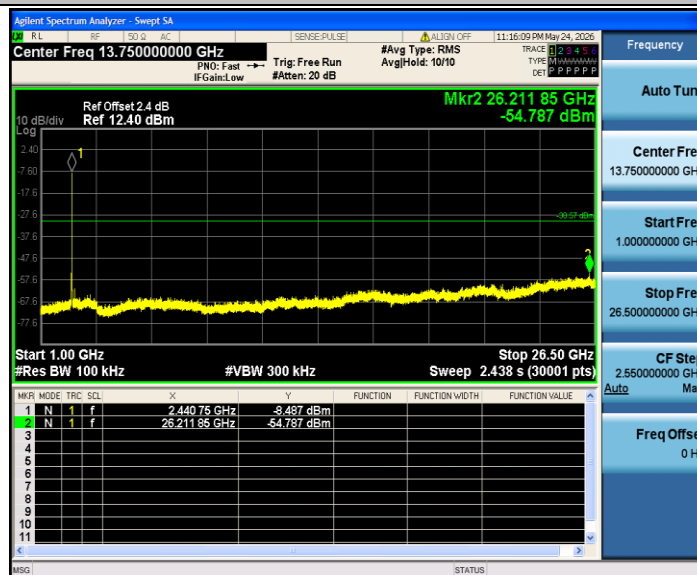
# 11N20SISO\_Ant1\_2437\_0~Reference



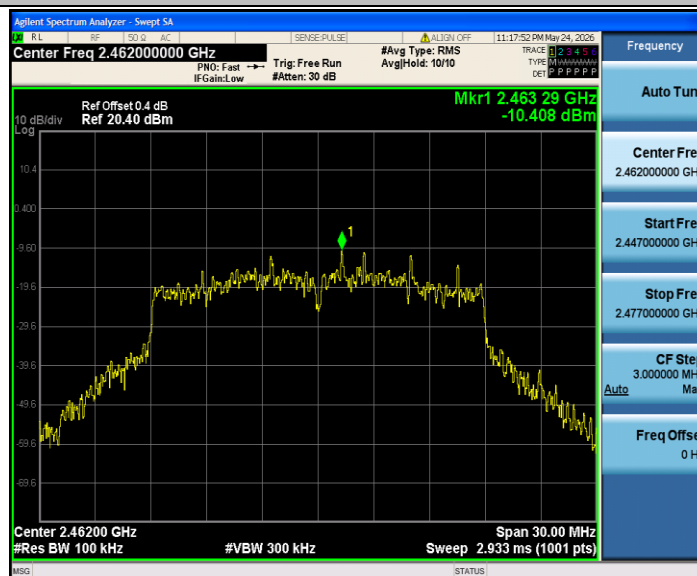
# 11N20SISO\_Ant1\_2437\_30~1000



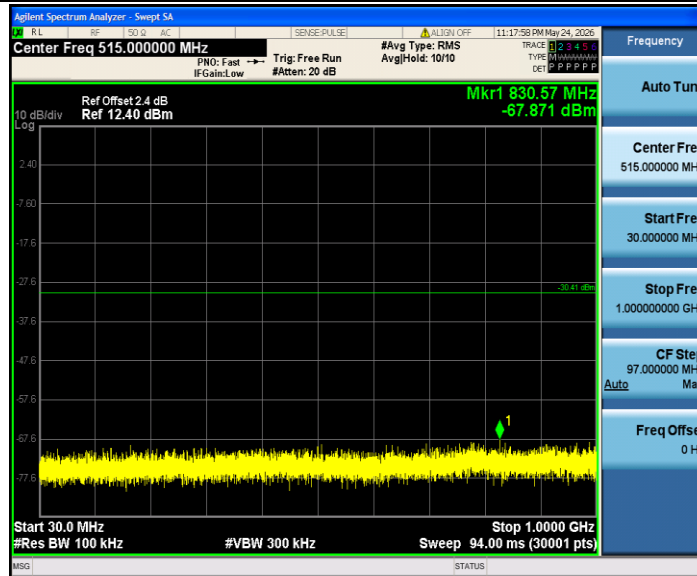
11N20SISO\_Ant1\_2437\_1000~26500



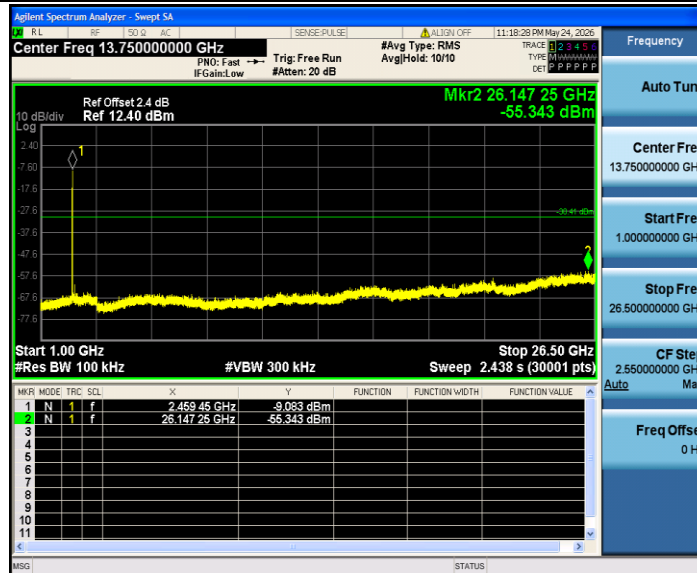
11N20SISO\_Ant1\_2462\_0~Reference



# 11N20SISO\_Ant1\_2462\_30~1000



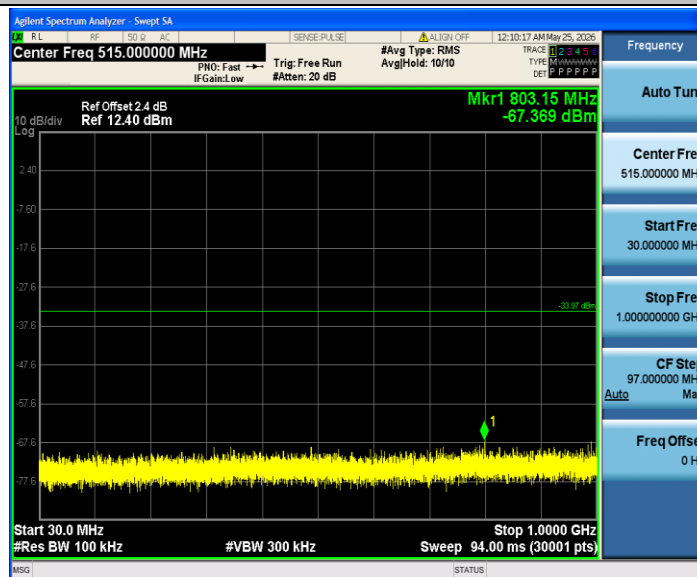
# 11N20SISO\_Ant1\_2462\_1000~26500



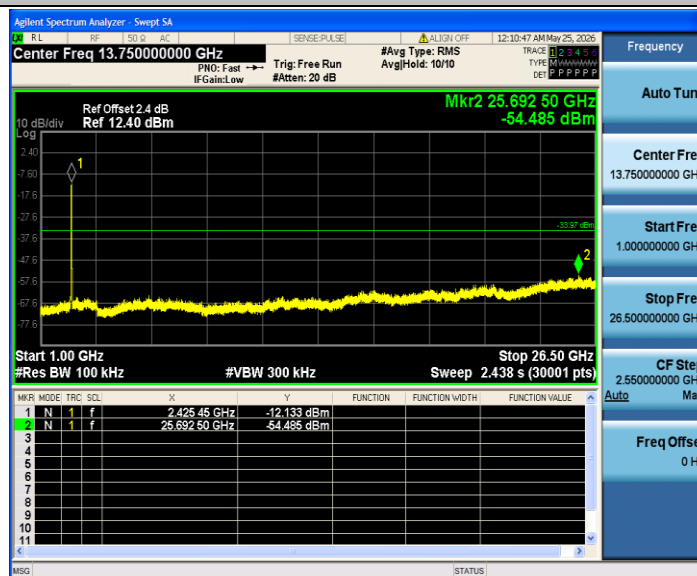
# 11N40SISO\_Ant1\_2422\_0~Reference



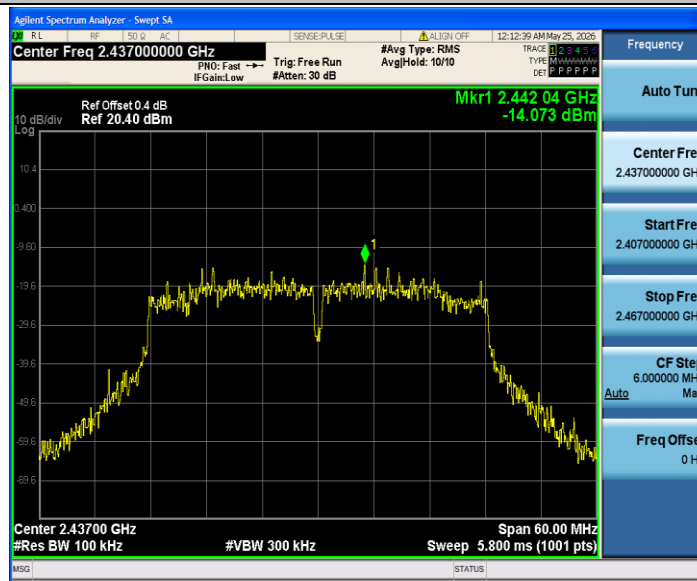
11N40SISO\_Ant1\_2422\_30~1000



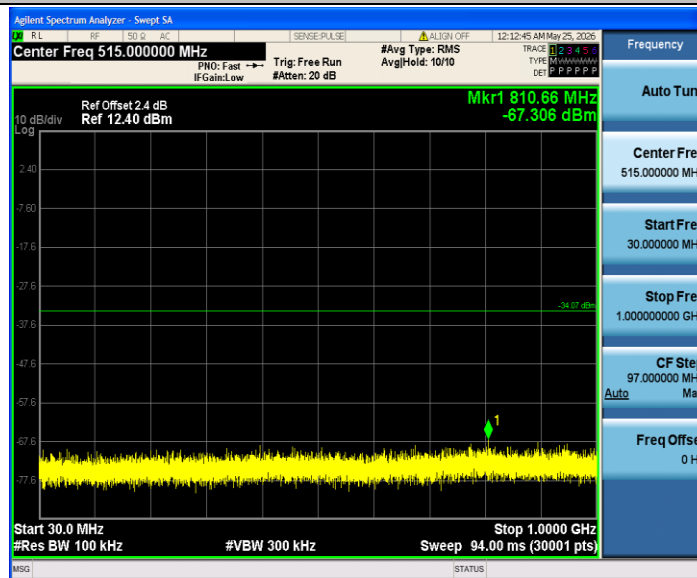
11N40SISO\_Ant1\_2422\_1000~26500



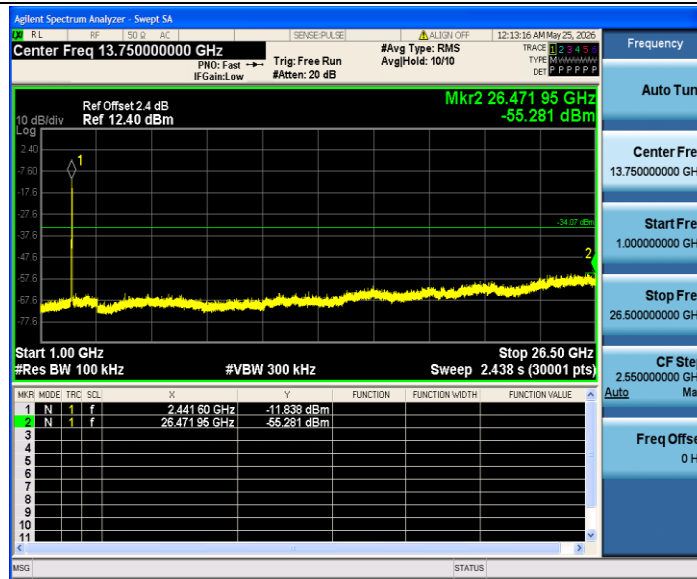
# 11N40SISO\_Ant1\_2437\_0~Reference



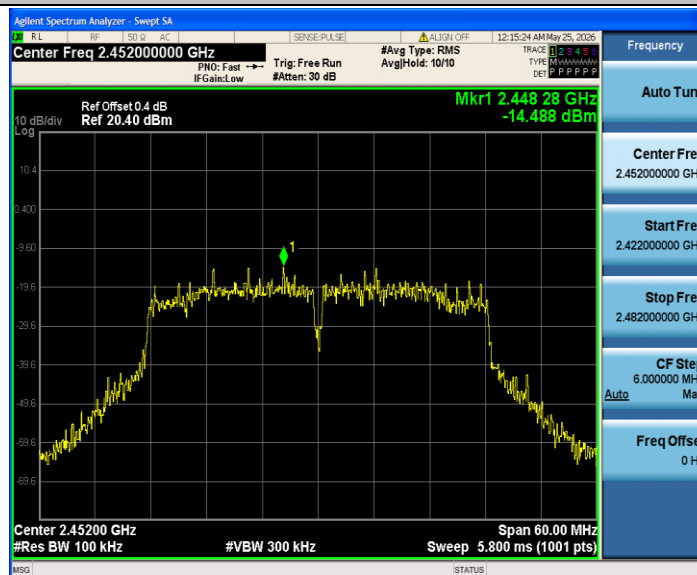
# 11N40SISO\_Ant1\_2437\_30~1000



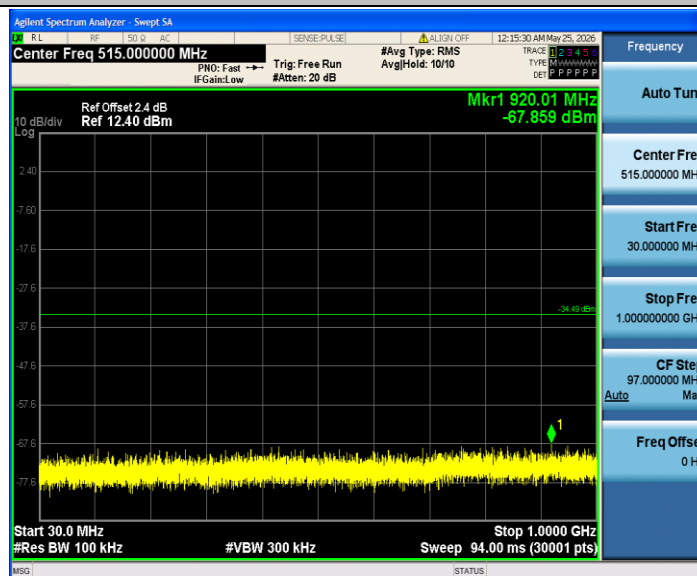
# 11N40SISO\_Ant1\_2437\_1000~26500



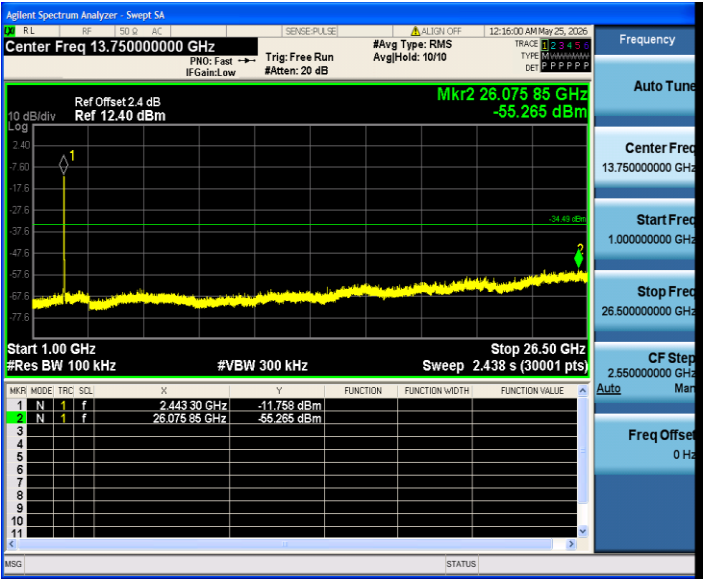
11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_30~1000



11N40SISO\_Ant1\_2452\_1000~26500



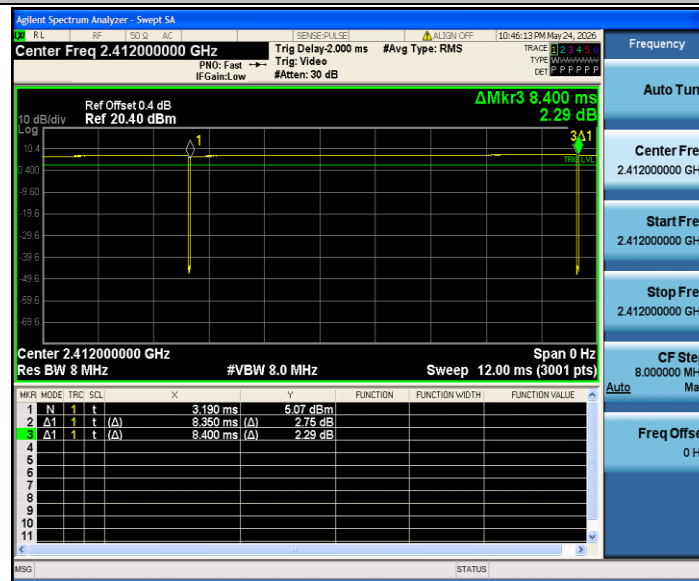
## Appendix G: Duty Cycle

### Test Result

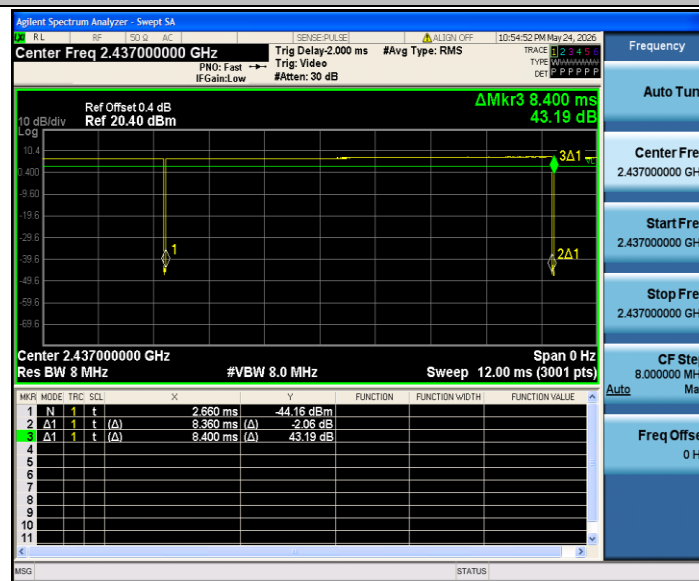
| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period [ms] | Duty<br>Cycle<br>[%] | DC Factor<br>[dB] | T Factor<br>[dB] |
|-----------|---------|----------------|----------------------------------|-----------------------------|----------------------|-------------------|------------------|
| 11B       | Ant1    | 2412           | 8.35                             | 8.40                        | 99.40                | 0.03              | 0.12             |
|           |         | 2437           | 8.36                             | 8.40                        | 99.52                | 0.02              | 0.12             |
|           |         | 2462           | 8.35                             | 8.40                        | 99.40                | 0.03              | 0.12             |
| 11G       | Ant1    | 2412           | 0.15                             | 0.20                        | 75.00                | 1.25              | 6.67             |
|           |         | 2437           | 0.15                             | 0.20                        | 75.00                | 1.25              | 6.67             |
|           |         | 2462           | 0.15                             | 0.20                        | 75.00                | 1.25              | 6.67             |
| 11N20SISO | Ant1    | 2412           | 0.17                             | 0.22                        | 77.27                | 1.12              | 5.88             |
|           |         | 2437           | 0.17                             | 0.22                        | 77.27                | 1.12              | 5.88             |
|           |         | 2462           | 0.17                             | 0.22                        | 77.27                | 1.12              | 5.88             |
| 11N40SISO | Ant1    | 2422           | 0.18                             | 0.22                        | 81.82                | 0.87              | 5.56             |
|           |         | 2437           | 0.18                             | 0.23                        | 78.26                | 1.06              | 5.56             |
|           |         | 2452           | 0.18                             | 0.23                        | 78.26                | 1.06              | 5.56             |

## Test Graphs

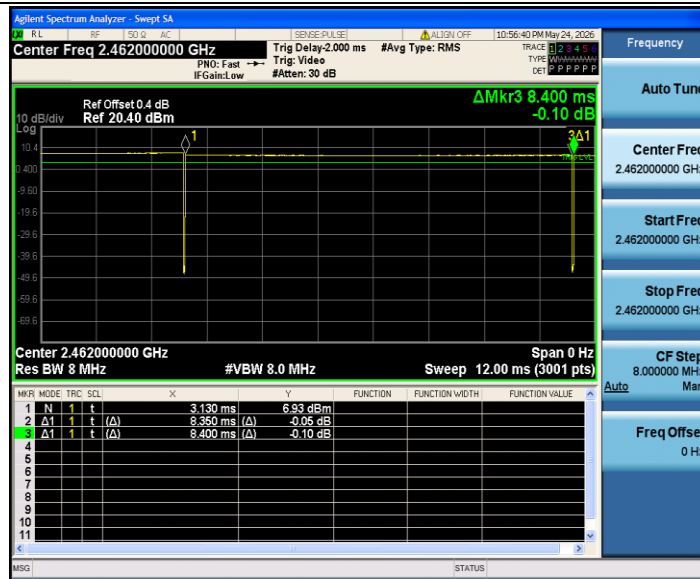
11B\_Ant1\_2412



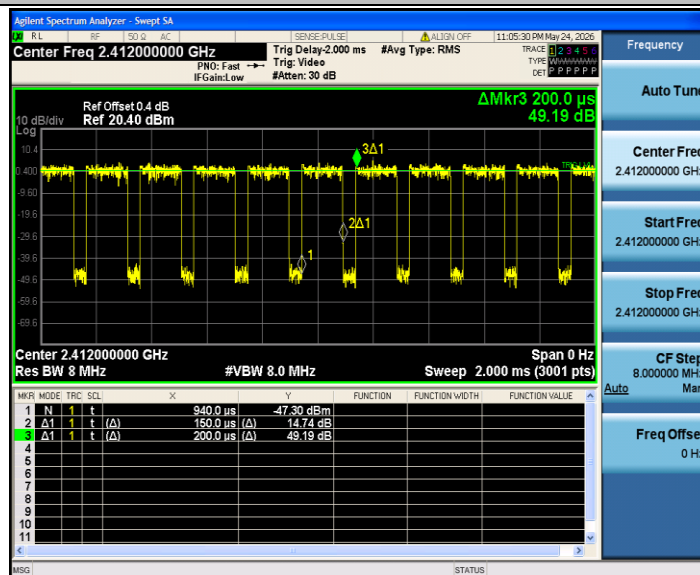
11B\_Ant1\_2437



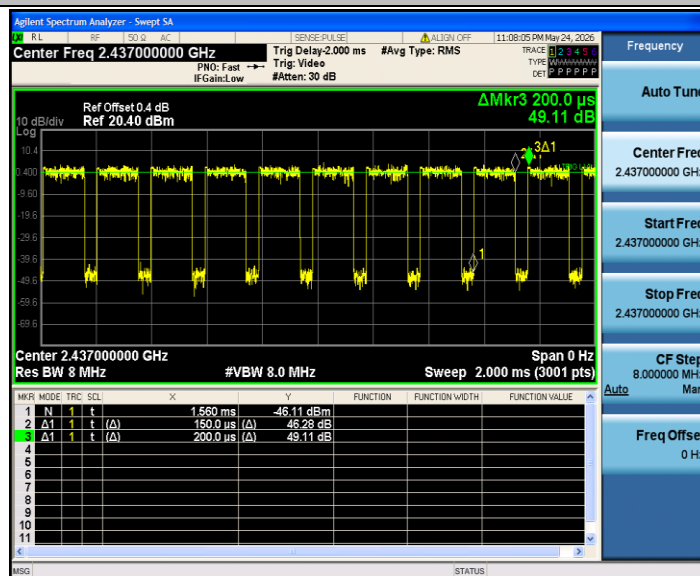
11B\_Ant1\_2462



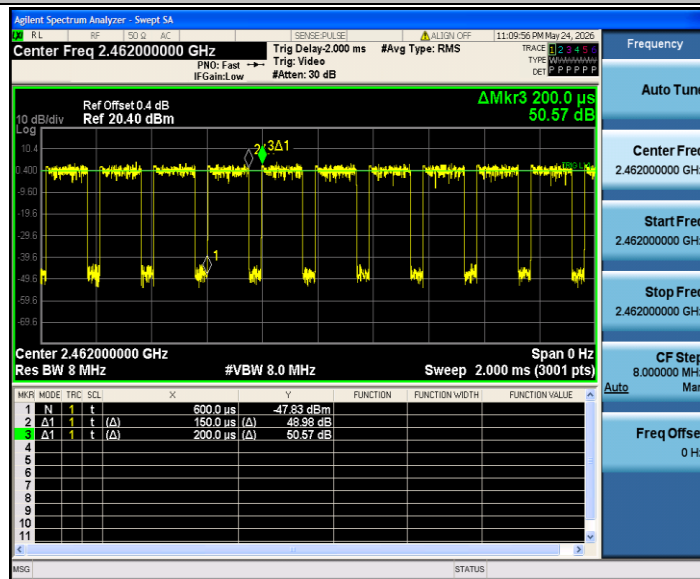
11G\_Ant1\_2412



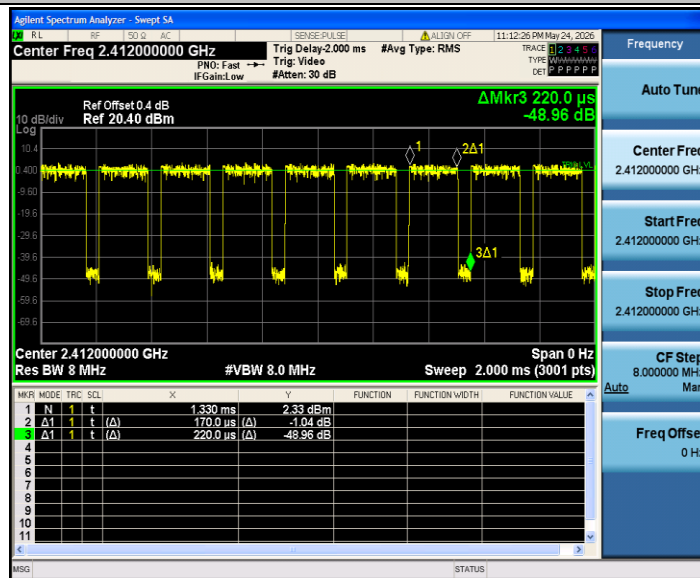
11G\_Ant1\_2437



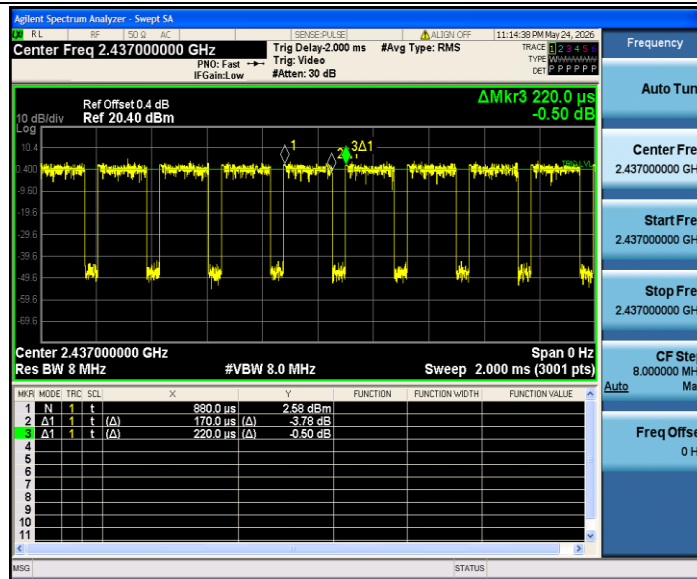
# 11G\_Ant1\_2462



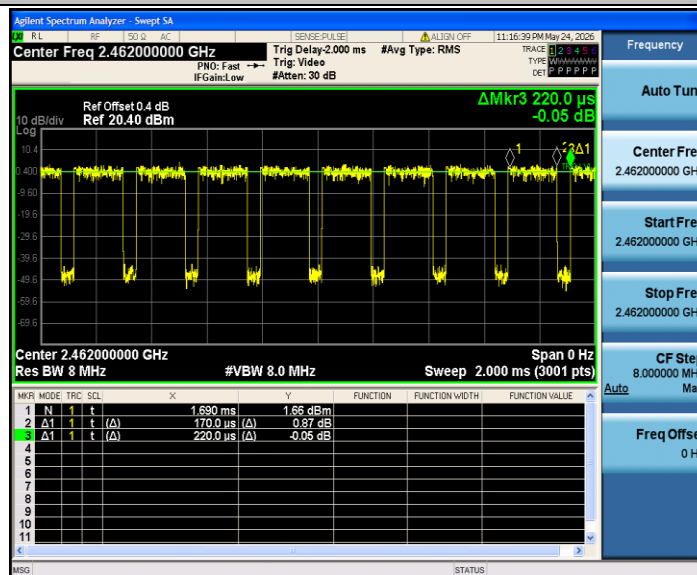
# 11N20SISO\_Ant1\_2412



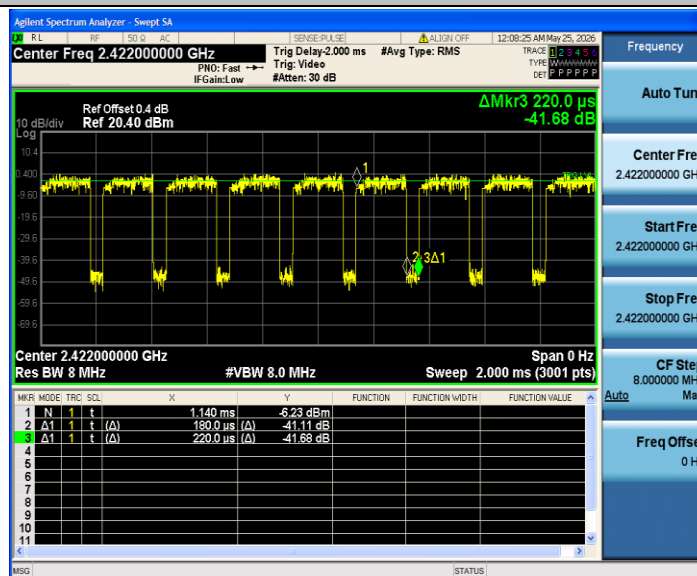
# 11N20SISO\_Ant1\_2437



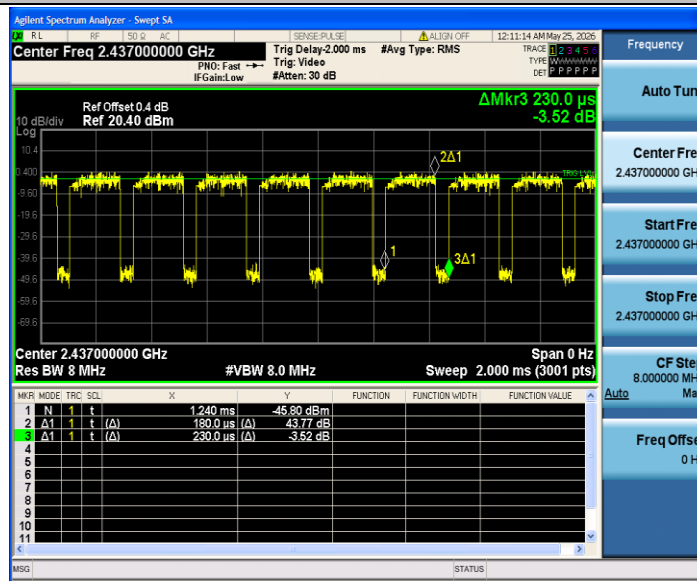
11N20SISO\_Ant1\_2462



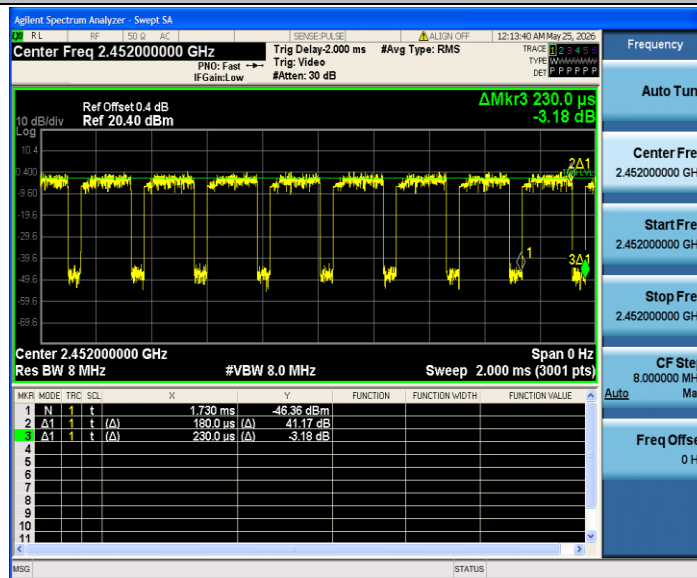
11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452



## Appendix H: Emissions in Restricted Bands

### Test Result

| TestMod<br>e  | Antenn<br>a | ChNam<br>e | Frequen<br>cy[MHz] | Detector | Freq<br>[MHz] | Result<br>[dBm] | Gain<br>[dB] | DC<br>Factor<br>[dB] | Result<br>[dBuV/m] | Limit<br>[dBuV/m] | Verdict |
|---------------|-------------|------------|--------------------|----------|---------------|-----------------|--------------|----------------------|--------------------|-------------------|---------|
| 11B           | Ant1        | Low        | 2412               | AV       | 2310.000      | -60.15          | 4.21         | 0.03                 | 39.29              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2389.960      | -58.54          | 4.21         | 0.03                 | 40.9               | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -58.54          | 4.21         | 0.03                 | 40.9               | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -51.67          | 4.21         | 0.00                 | 47.74              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2334.970      | -48.46          | 4.21         | 0.00                 | 50.95              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -51.59          | 4.21         | 0.00                 | 47.82              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -59.3           | 4.21         | 0.03                 | 40.14              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2493.130      | -58.63          | 4.21         | 0.03                 | 40.81              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -58.88          | 4.21         | 0.03                 | 40.56              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -51.16          | 4.21         | 0.00                 | 48.25              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2490.380      | -49.21          | 4.21         | 0.00                 | 50.2               | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -51             | 4.21         | 0.00                 | 48.41              | ≤74               | PASS    |
| 11G           | Ant1        | Low        | 2412               | AV       | 2310.000      | -60.03          | 4.21         | 1.25                 | 40.63              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2379.950      | -59.12          | 4.21         | 1.25                 | 41.54              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -59.82          | 4.21         | 1.25                 | 40.84              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -51.12          | 4.21         | 0.00                 | 48.29              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2384.500      | -48.92          | 4.21         | 0.00                 | 50.49              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -52.34          | 4.21         | 0.00                 | 47.07              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -59.5           | 4.21         | 1.25                 | 41.16              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2490.710      | -58.6           | 4.21         | 1.25                 | 42.06              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -58.99          | 4.21         | 1.25                 | 41.67              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -51.34          | 4.21         | 0.00                 | 48.07              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2496.540      | -48.3           | 4.21         | 0.00                 | 51.11              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -50.86          | 4.21         | 0.00                 | 48.55              | ≤74               | PASS    |
| 11N20SI<br>SO | Ant1        | Low        | 2412               | AV       | 2310.000      | -59.92          | 4.21         | 1.12                 | 40.61              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2385.800      | -59.06          | 4.21         | 1.12                 | 41.47              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -60.12          | 4.21         | 1.12                 | 40.41              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -51.2           | 4.21         | 0.00                 | 48.21              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2345.110      | -48.3           | 4.21         | 0.00                 | 51.11              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -51.96          | 4.21         | 0.00                 | 47.45              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -59.25          | 4.21         | 1.12                 | 41.28              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2493.790      | -58.67          | 4.21         | 1.12                 | 41.86              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -58.77          | 4.21         | 1.12                 | 41.76              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -51.06          | 4.21         | 0.00                 | 48.35              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2495.880      | -49.26          | 4.21         | 0.00                 | 50.15              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -51.84          | 4.21         | 0.00                 | 47.57              | ≤74               | PASS    |

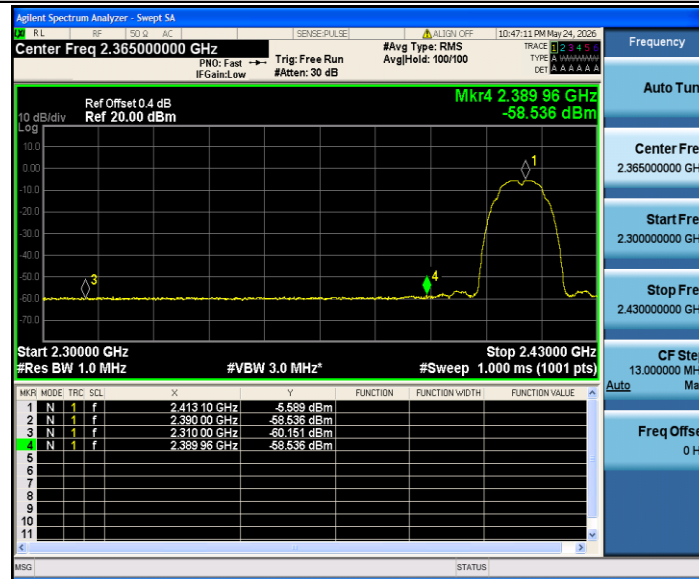
|               |      |      |      |      |          |        |      |      |       |     |      |
|---------------|------|------|------|------|----------|--------|------|------|-------|-----|------|
| 11N40SI<br>SO | Ant1 | Low  | 2422 | AV   | 2310.000 | -59.66 | 4.21 | 0.87 | 40.62 | ≤54 | PASS |
|               |      |      |      | AV   | 2386.850 | -58.65 | 4.21 | 0.87 | 41.63 | ≤54 | PASS |
|               |      |      |      | AV   | 2390.000 | -59.19 | 4.21 | 0.87 | 41.09 | ≤54 | PASS |
|               |      |      |      | Peak | 2310.000 | -52.97 | 4.21 | 0.00 | 46.44 | ≤74 | PASS |
|               |      |      |      | Peak | 2388.950 | -48.76 | 4.21 | 0.00 | 50.65 | ≤74 | PASS |
|               |      |      |      | Peak | 2390.000 | -51.83 | 4.21 | 0.00 | 47.58 | ≤74 | PASS |
|               |      | High | 2452 | AV   | 2483.500 | -58.44 | 4.21 | 1.06 | 42.03 | ≤54 | PASS |
|               |      |      |      | AV   | 2489.250 | -58.35 | 4.21 | 1.06 | 42.12 | ≤54 | PASS |
|               |      |      |      | AV   | 2500.000 | -59.1  | 4.21 | 1.06 | 41.37 | ≤54 | PASS |
|               |      |      |      | Peak | 2483.500 | -50.26 | 4.21 | 0.00 | 49.15 | ≤74 | PASS |
|               |      |      |      | Peak | 2490.000 | -48.21 | 4.21 | 0.00 | 51.2  | ≤74 | PASS |
|               |      |      |      | Peak | 2500.000 | -50.78 | 4.21 | 0.00 | 48.63 | ≤74 | PASS |

Note:

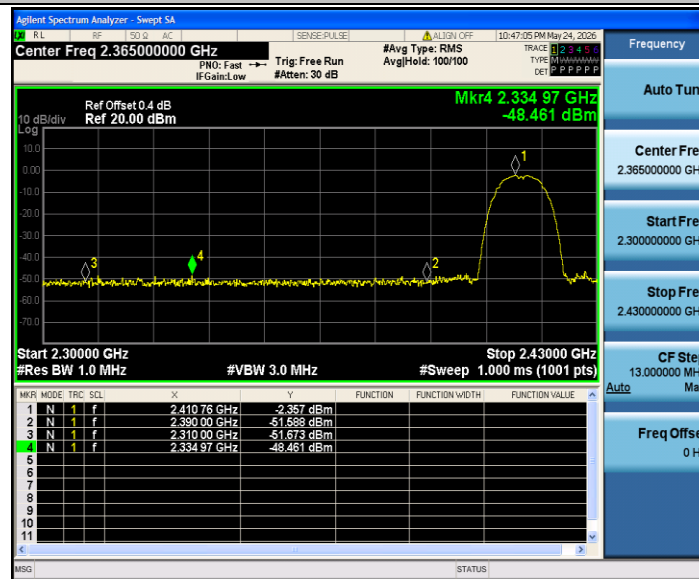
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

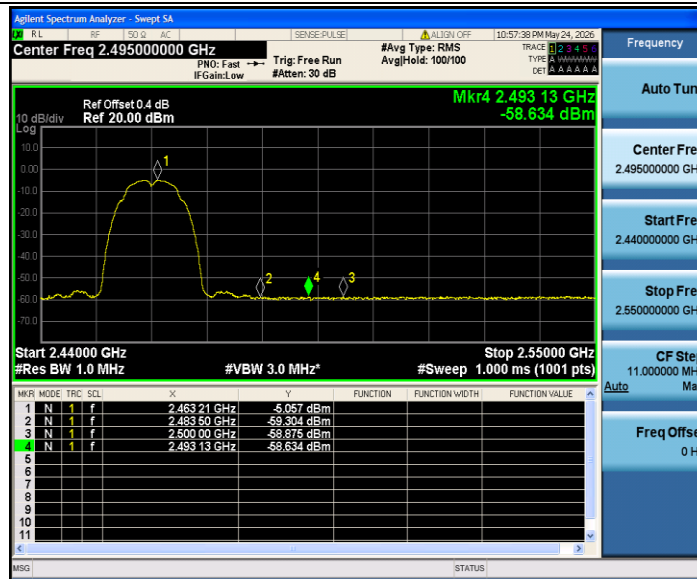
11B\_Ant1\_Low\_2412\_AV



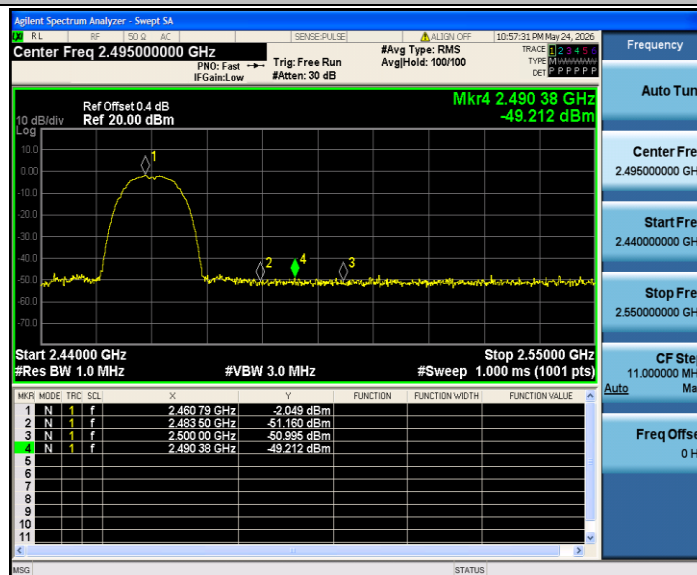
11B\_Ant1\_Low\_2412\_Peak



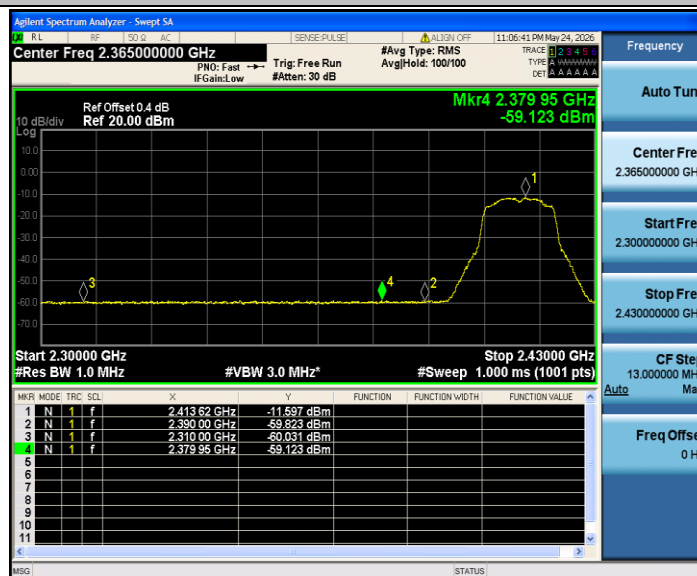
11B\_Ant1\_High\_2462\_AV



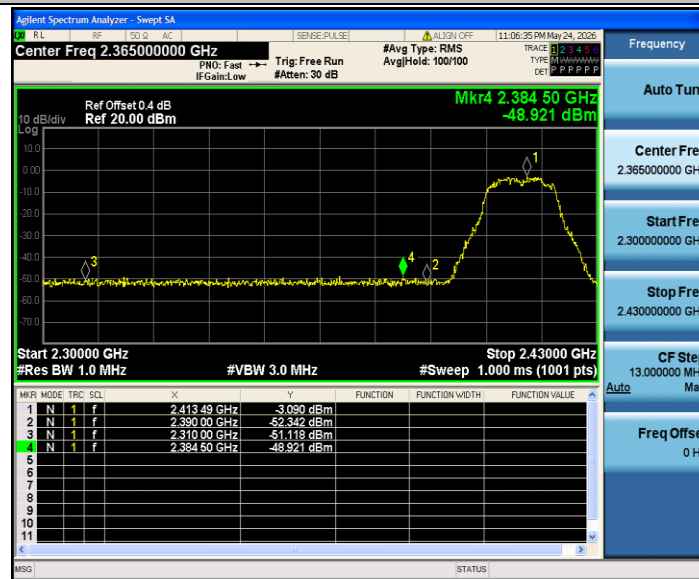
11B\_Ant1\_High\_2462\_Peak



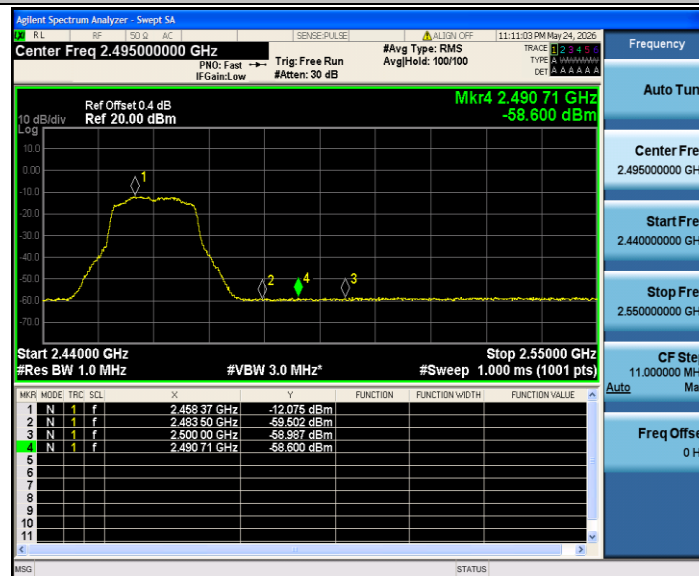
11G\_Ant1\_Low\_2412\_AV



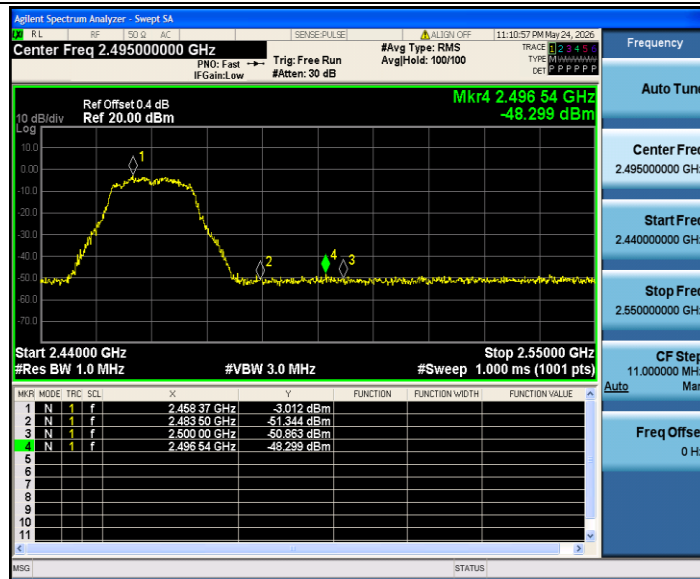
# 11G\_Ant1\_Low\_2412\_Peak



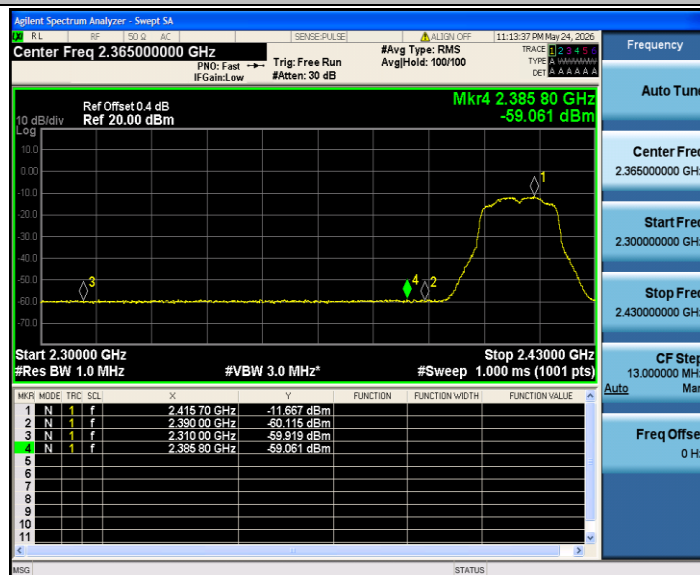
# 11G\_Ant1\_High\_2462\_AV



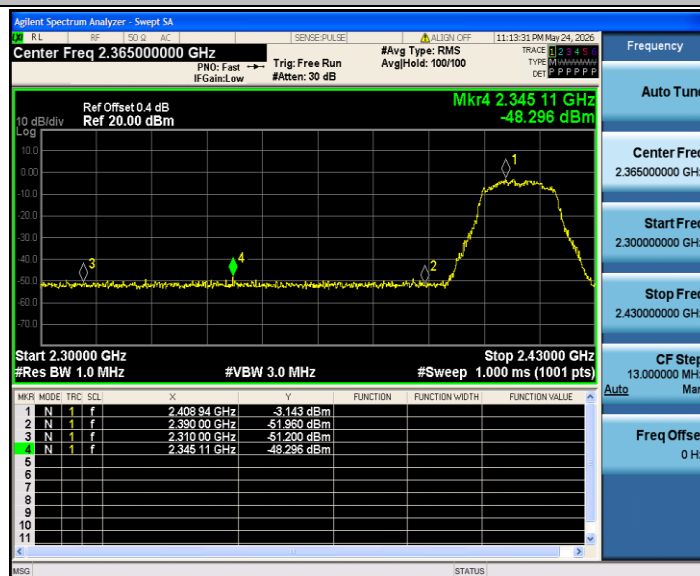
# 11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV



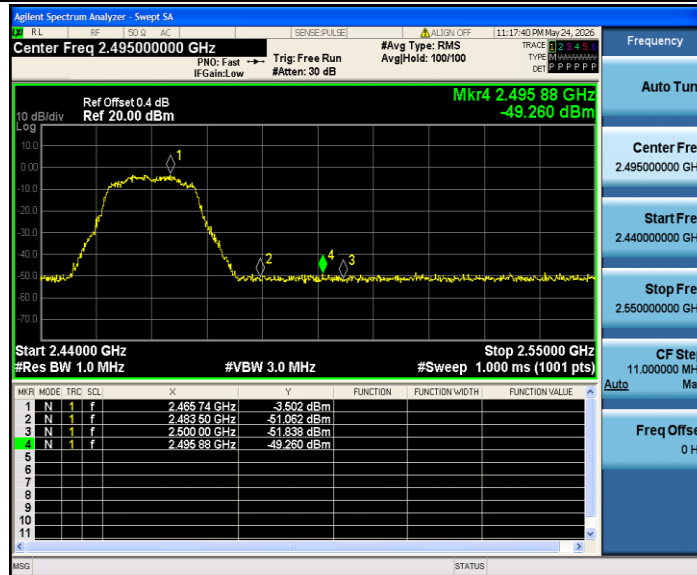
11N20SISO\_Ant1\_Low\_2412\_Peak



# 11N20SISO\_Ant1\_High\_2462\_AV



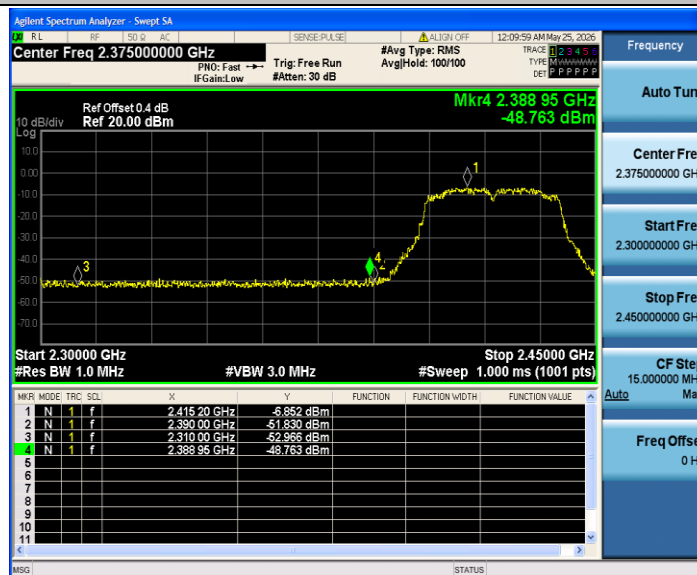
# 11N20SISO\_Ant1\_High\_2462\_Peak



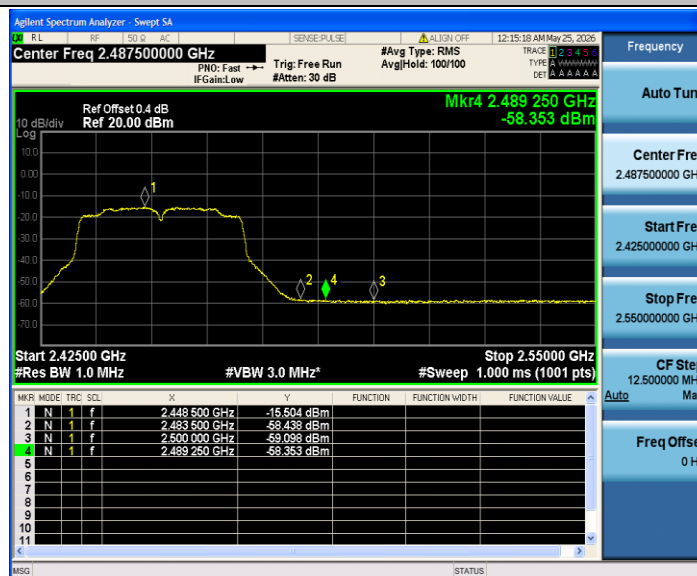
# 11N40SISO\_Ant1\_Low\_2422\_AV



11N40SISO\_Ant1\_Low\_2422\_Peak



11N40SISO\_Ant1\_High\_2452\_AV



# 11N40SISO\_Ant1\_High\_2452\_Peak

