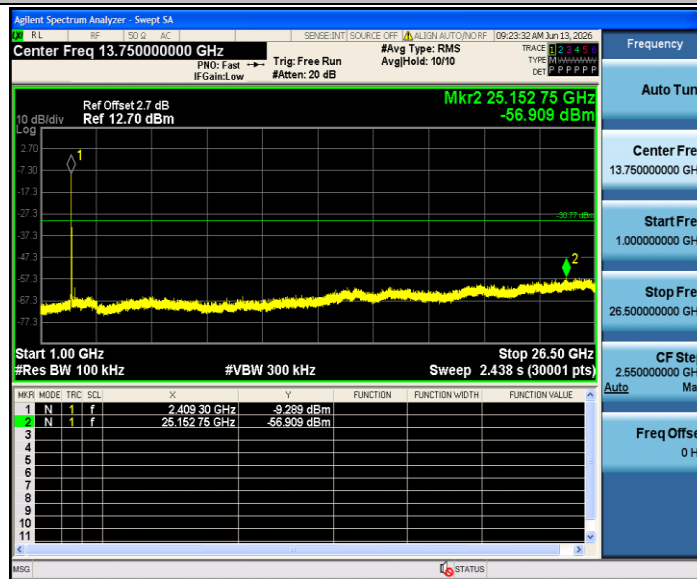
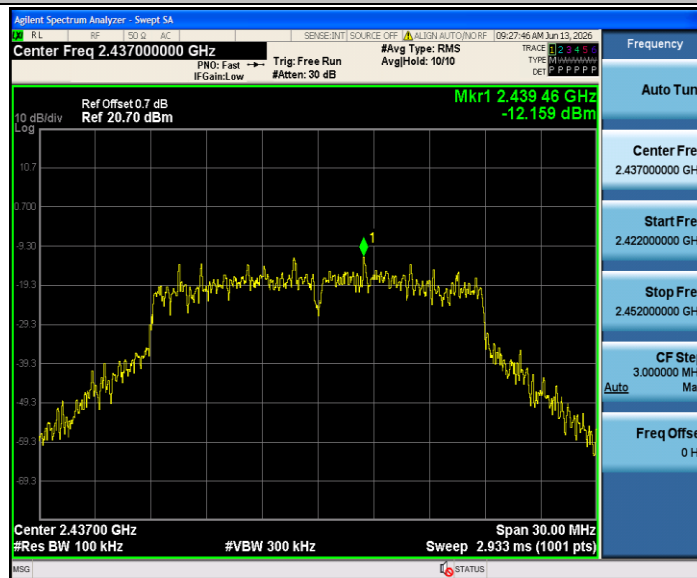


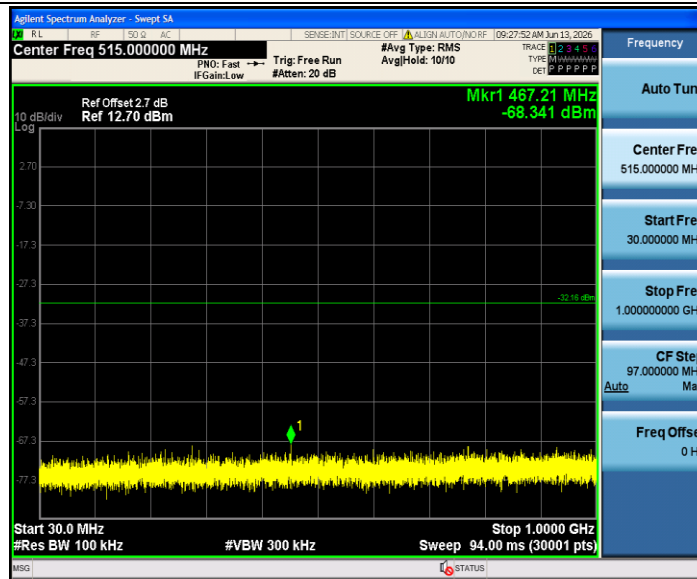
# 11N20SISO\_Ant1\_2412\_1000~26500



# 11N20SISO\_Ant1\_2437\_0~Reference



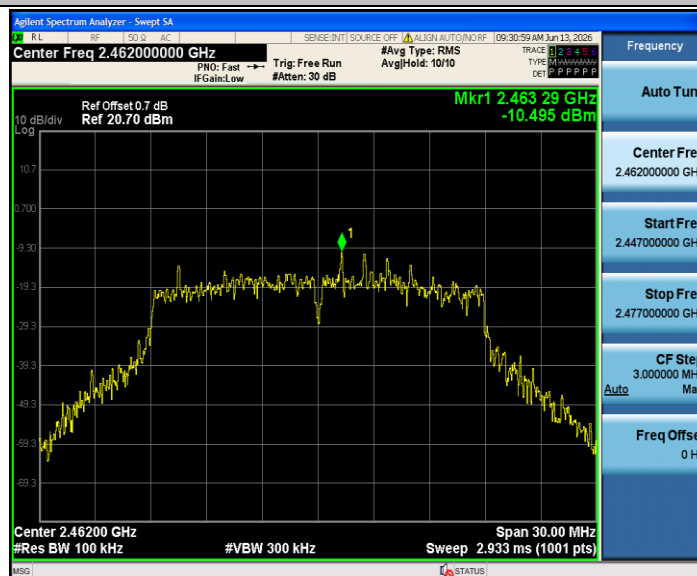
# 11N20SISO\_Ant1\_2437\_30~1000



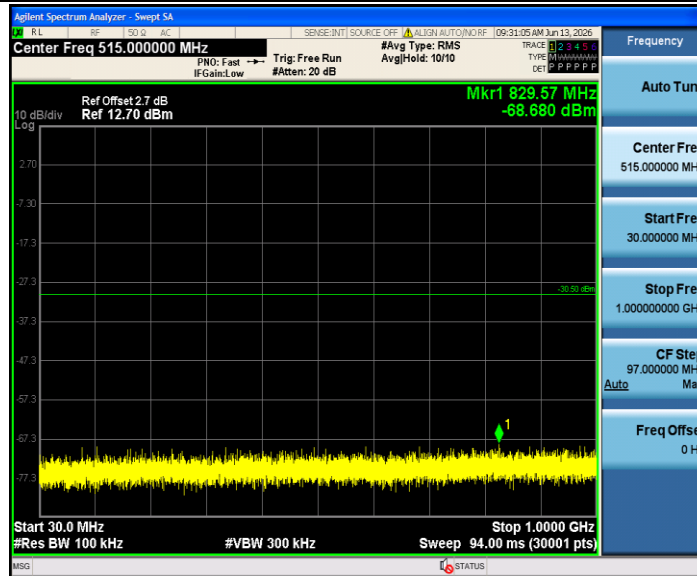
11N20SISO\_Ant1\_2437\_1000~26500



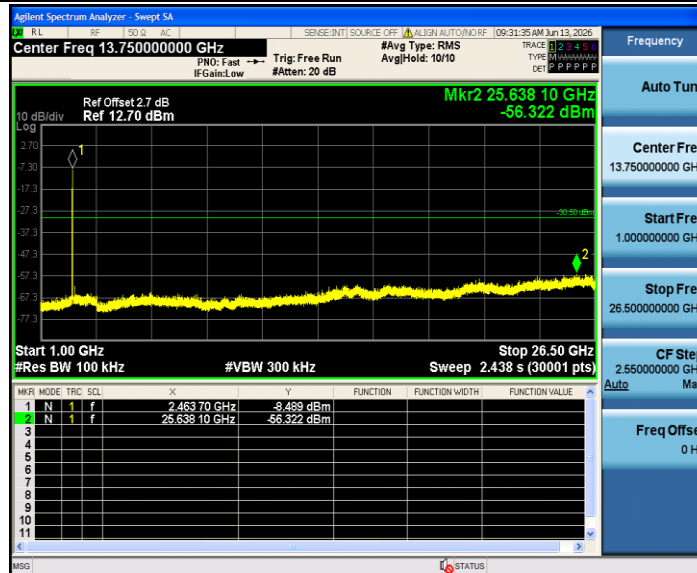
11N20SISO\_Ant1\_2462\_0~Reference



# 11N20SISO\_Ant1\_2462\_30~1000



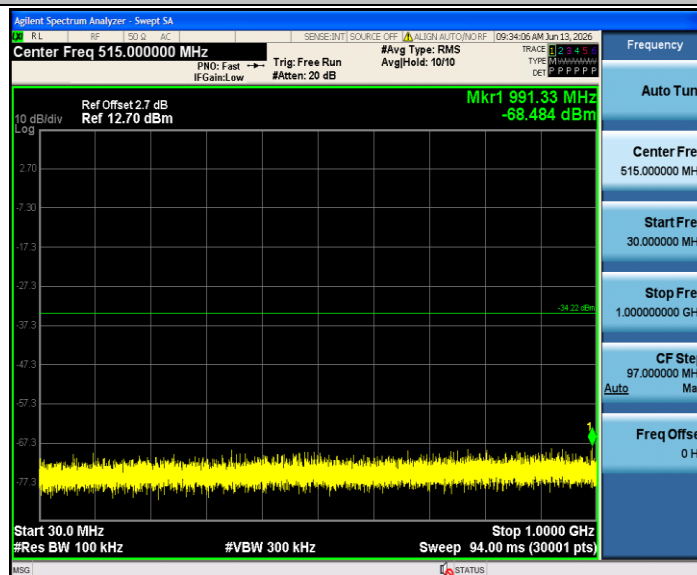
# 11N20SISO\_Ant1\_2462\_1000~26500



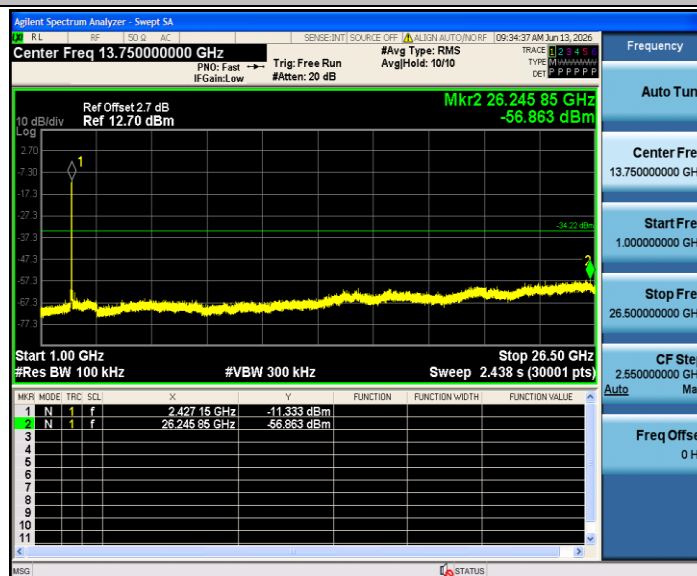
# 11N40SISO\_Ant1\_2422\_0~Reference



11N40SISO\_Ant1\_2422\_30~1000



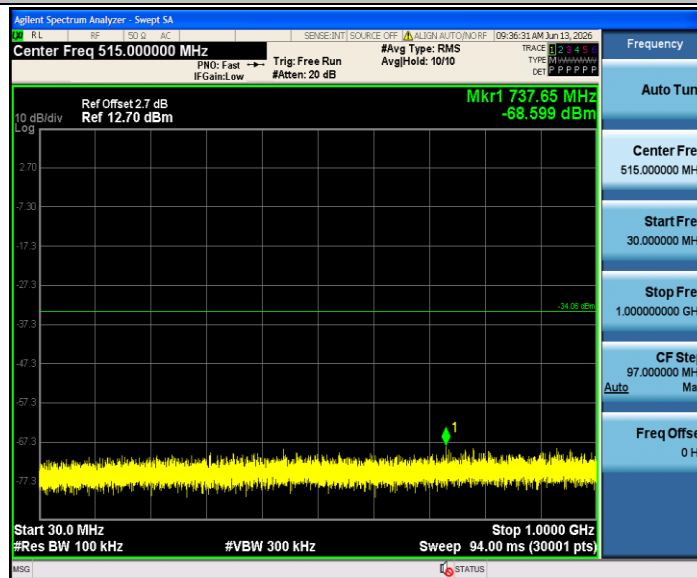
11N40SISO\_Ant1\_2422\_1000~26500



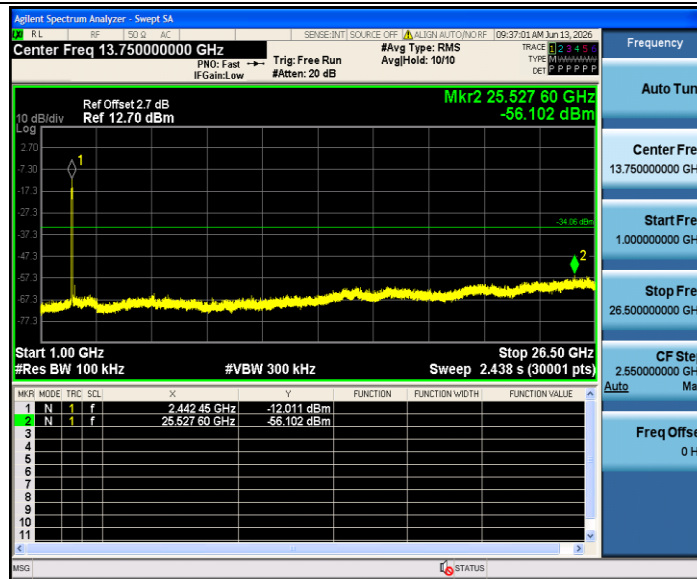
# 11N40SISO\_Ant1\_2437\_0~Reference



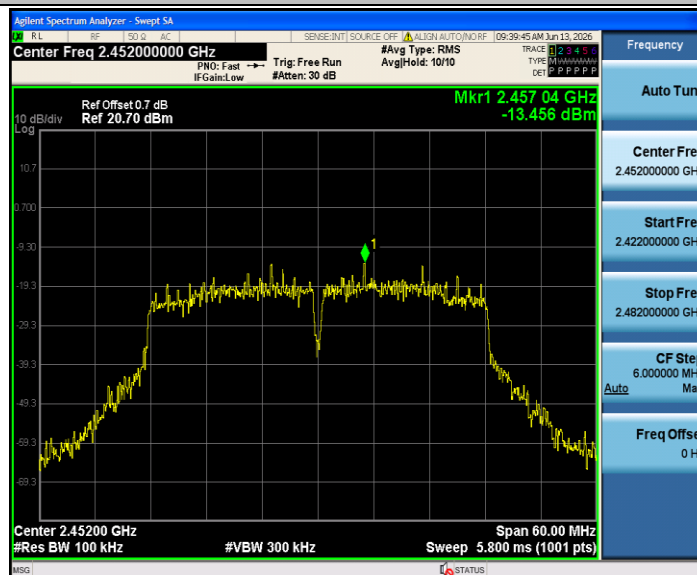
# 11N40SISO\_Ant1\_2437\_30~1000



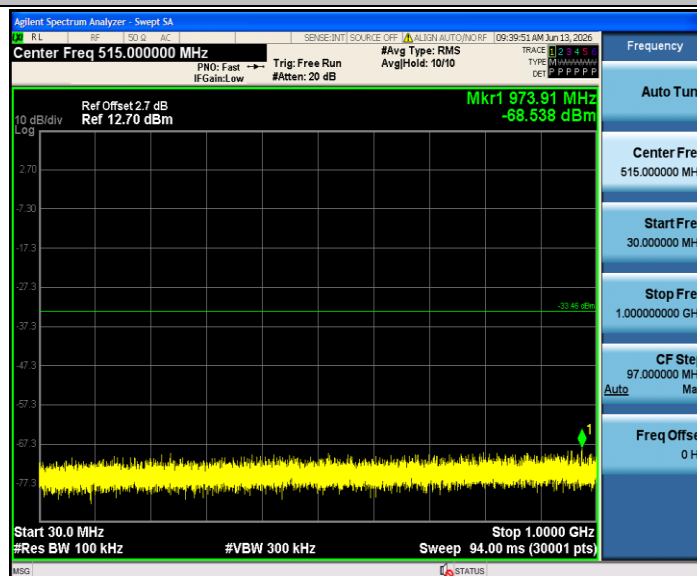
# 11N40SISO\_Ant1\_2437\_1000~26500



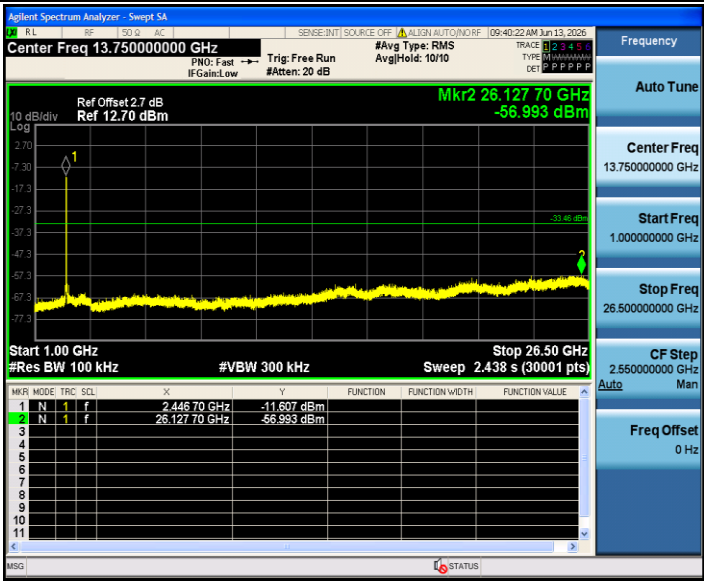
11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_30~1000



11N40SISO\_Ant1\_2452\_1000~26500

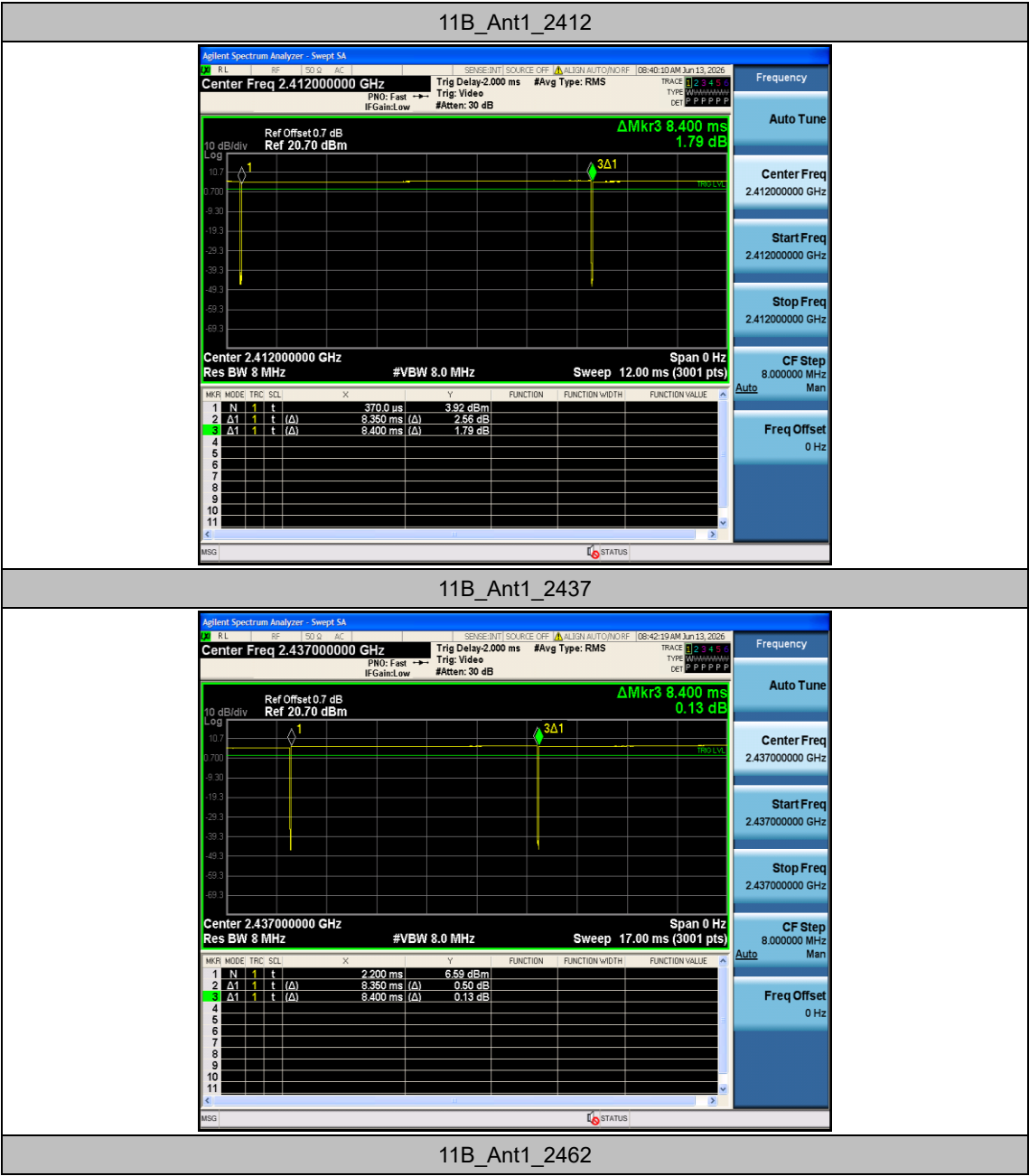


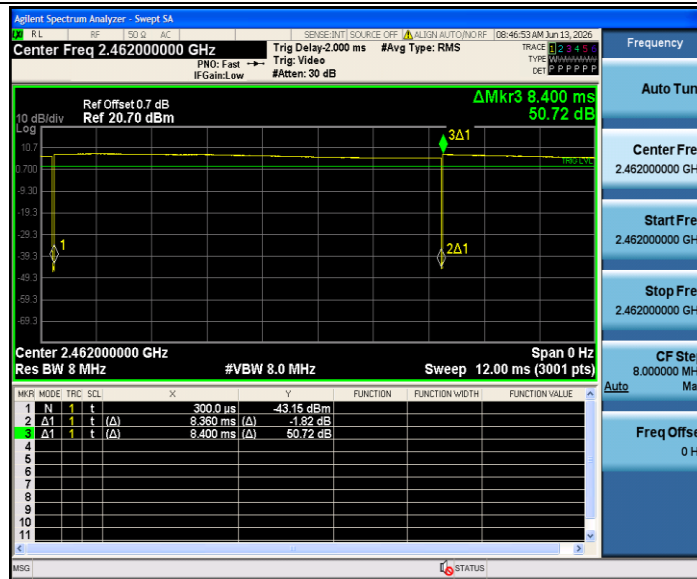
## Appendix G: Duty Cycle

### Test Result

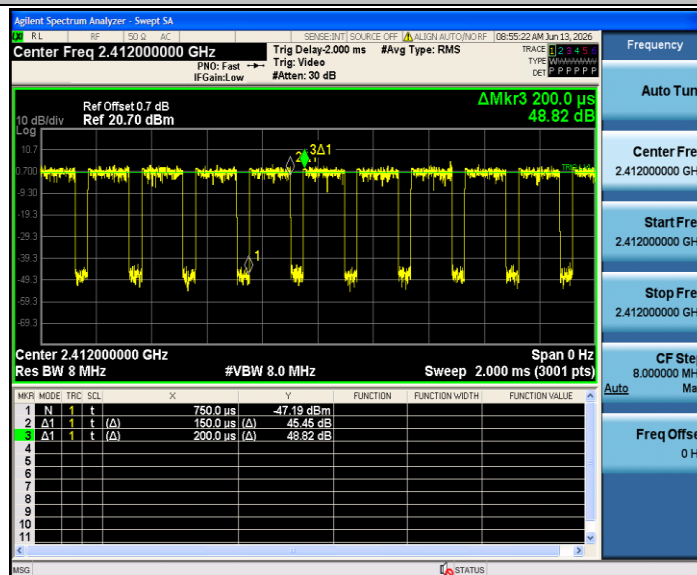
| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period [ms] | Duty<br>Cycle<br>[%] | DC Factor<br>[dB] | T Factor<br>[dB] |
|-----------|---------|----------------|----------------------------------|-----------------------------|----------------------|-------------------|------------------|
| 11B       | Ant1    | 2412           | 8.35                             | 8.40                        | 99.40                | 0.03              | 0.12             |
|           |         | 2437           | 8.35                             | 8.40                        | 99.40                | 0.03              | 0.12             |
|           |         | 2462           | 8.36                             | 8.40                        | 99.52                | 0.02              | 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                             | 0.19                        | 78.95                | 1.03              | 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           | 0.18                             | 0.22                        | 81.82                | 0.87              | 5.56             |
| 11N40SISO | Ant1    | 2422           | 0.18                             | 0.23                        | 78.26                | 1.06              | 5.56             |
|           |         | 2437           | 0.18                             | 0.22                        | 81.82                | 0.87              | 5.56             |
|           |         | 2452           | 0.18                             | 0.23                        | 78.26                | 1.06              | 5.56             |

Test Graphs

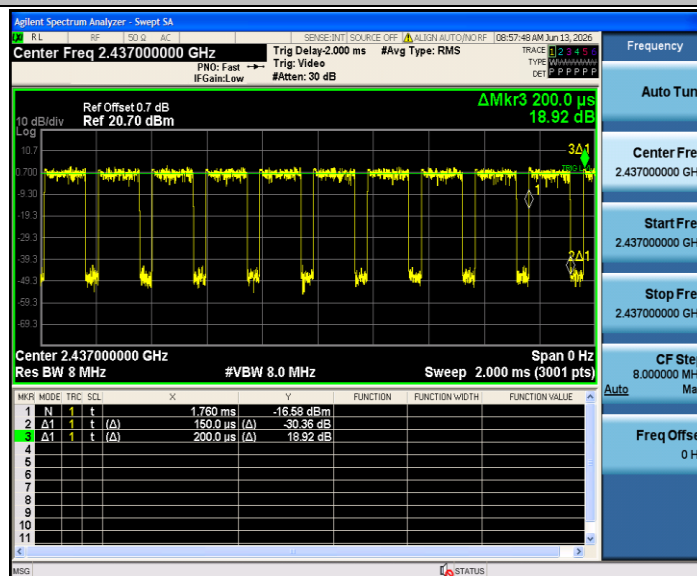




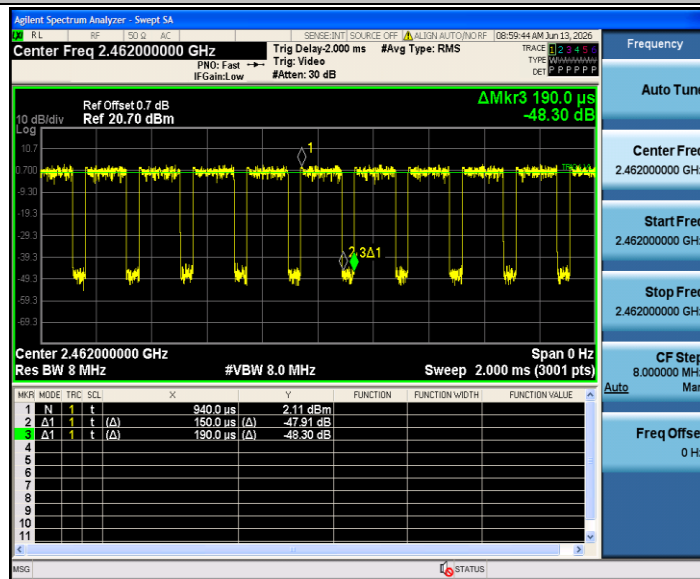
11G\_Ant1\_2412



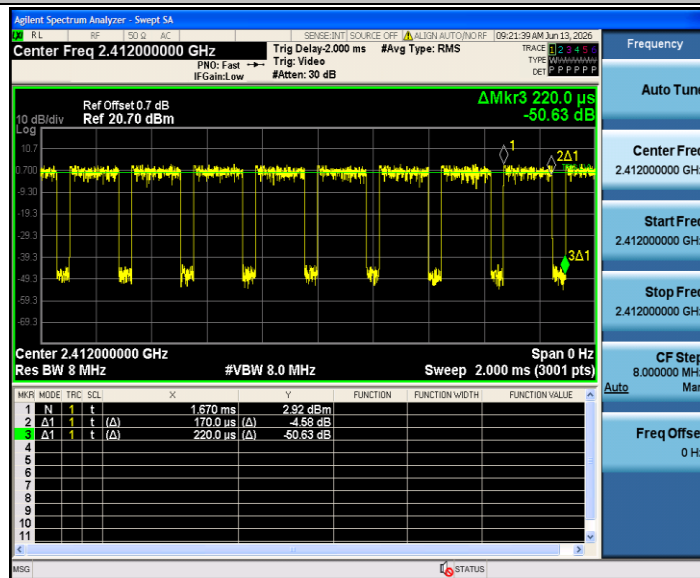
11G\_Ant1\_2437



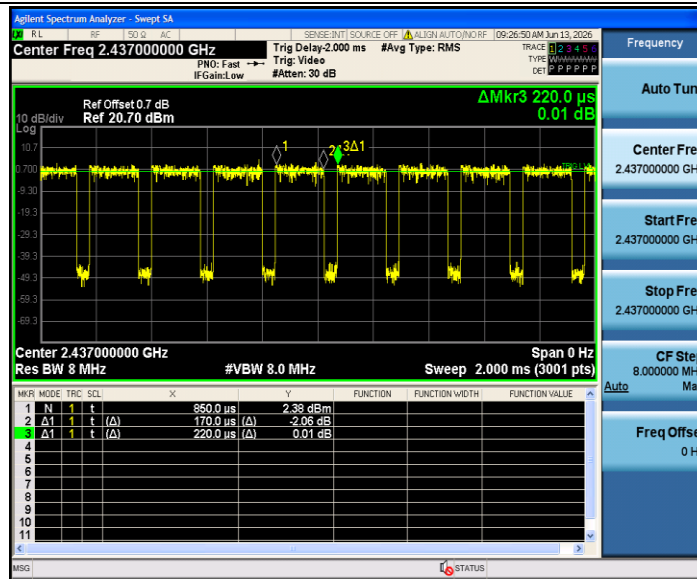
# 11G\_Ant1\_2462



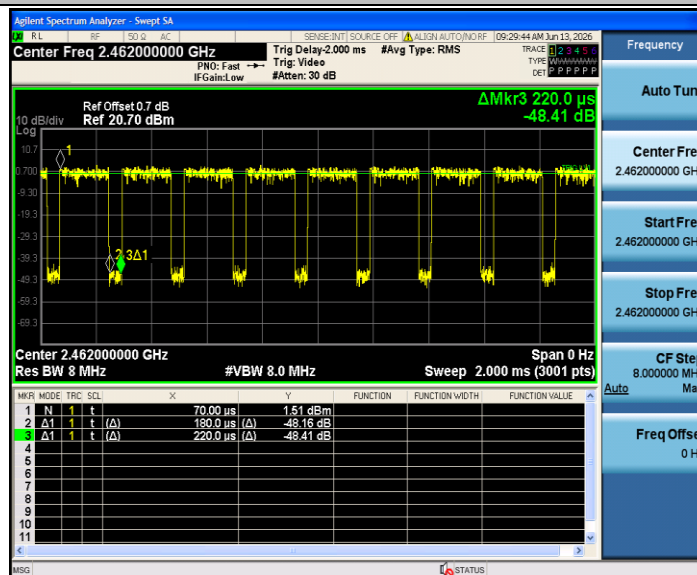
# 11N20SISO\_Ant1\_2412



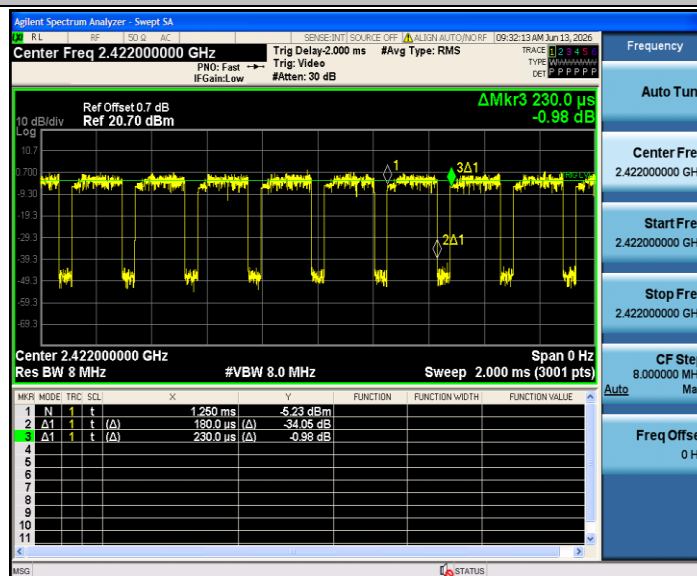
# 11N20SISO\_Ant1\_2437



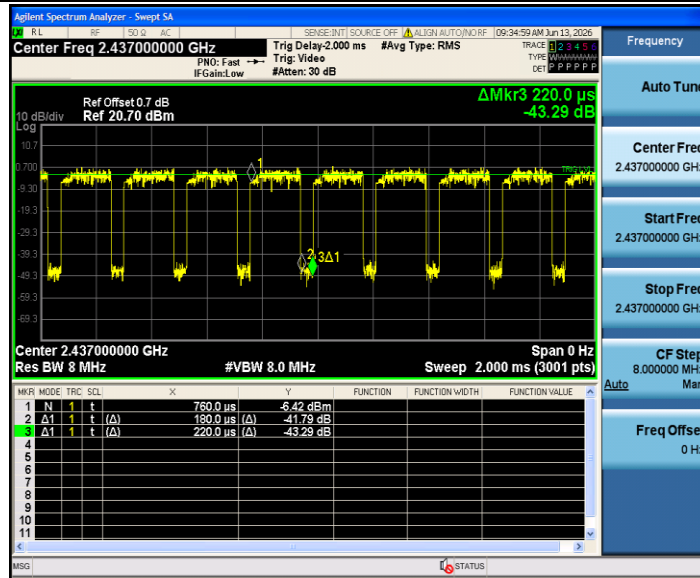
11N20SISO\_Ant1\_2462



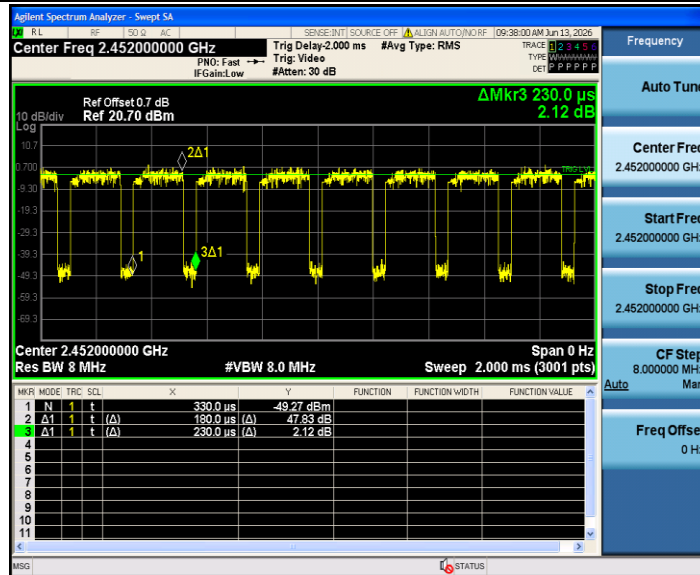
11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452



## Appendix H: Emissions in Restricted Bands

### Test Result

| TestMod<br>e  | Antenn<br>a | ChNam<br>e | Frequenc<br>y[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      | -60.32          | 2.80         | 0.03                 | 37.71              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2389.830      | -58.8           | 2.80         | 0.03                 | 39.23              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -58.81          | 2.80         | 0.03                 | 39.22              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -52.24          | 2.80         | 0.00                 | 45.76              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2324.310      | -48.7           | 2.80         | 0.00                 | 49.3               | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -52.2           | 2.80         | 0.00                 | 45.8               | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -59.15          | 2.80         | 0.02                 | 38.87              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2486.640      | -58.51          | 2.80         | 0.02                 | 39.51              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -59.72          | 2.80         | 0.02                 | 38.3               | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -51.42          | 2.80         | 0.00                 | 46.58              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2498.080      | -48.39          | 2.80         | 0.00                 | 49.61              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -51.77          | 2.80         | 0.00                 | 46.23              | ≤74               | PASS    |
| 11G           | Ant1        | Low        | 2412               | AV       | 2310.000      | -59.84          | 2.80         | 1.25                 | 39.41              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2383.980      | -59.11          | 2.80         | 1.25                 | 40.14              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -59.3           | 2.80         | 1.25                 | 39.95              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -52.2           | 2.80         | 0.00                 | 45.8               | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2378.780      | -48.95          | 2.80         | 0.00                 | 49.05              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -51.38          | 2.80         | 0.00                 | 46.62              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -59.19          | 2.80         | 1.03                 | 39.84              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2497.640      | -58.63          | 2.80         | 1.03                 | 40.4               | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -60.07          | 2.80         | 1.03                 | 38.96              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -50.89          | 2.80         | 0.00                 | 47.11              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2486.090      | -49.09          | 2.80         | 0.00                 | 48.91              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -50.38          | 2.80         | 0.00                 | 47.62              | ≤74               | PASS    |
| 11N20SI<br>SO | Ant1        | Low        | 2412               | AV       | 2310.000      | -60.05          | 2.80         | 1.12                 | 39.07              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2384.500      | -59.08          | 2.80         | 1.12                 | 40.04              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -59.68          | 2.80         | 1.12                 | 39.44              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -52.65          | 2.80         | 0.00                 | 45.35              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2317.290      | -48.96          | 2.80         | 0.00                 | 49.04              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -51.41          | 2.80         | 0.00                 | 46.59              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -59.23          | 2.80         | 0.87                 | 39.64              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2489.830      | -58.42          | 2.80         | 0.87                 | 40.45              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -59.06          | 2.80         | 0.87                 | 39.81              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -50.73          | 2.80         | 0.00                 | 47.27              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2487.740      | -48.71          | 2.80         | 0.00                 | 49.29              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -50.55          | 2.80         | 0.00                 | 47.45              | ≤74               | PASS    |

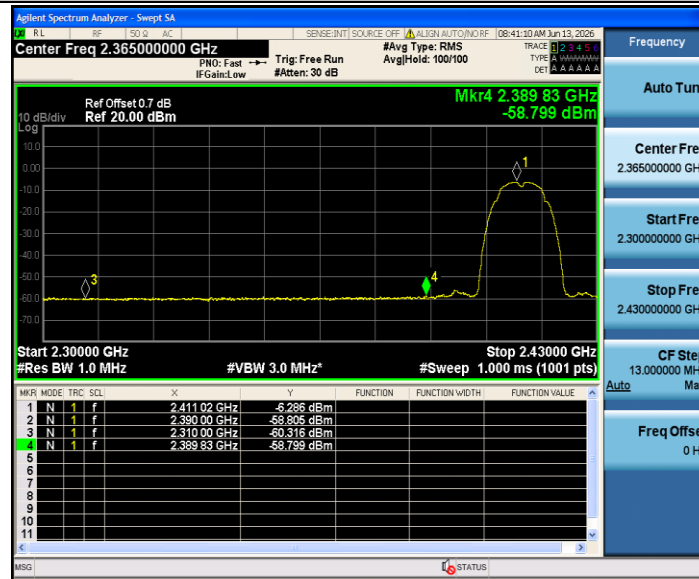
|               |      |      |      |      |          |        |      |      |       |     |      |
|---------------|------|------|------|------|----------|--------|------|------|-------|-----|------|
| 11N40SI<br>SO | Ant1 | Low  | 2422 | AV   | 2310.000 | -60.21 | 2.80 | 1.06 | 38.85 | ≤54 | PASS |
|               |      |      |      | AV   | 2387.450 | -58.95 | 2.80 | 1.06 | 40.11 | ≤54 | PASS |
|               |      |      |      | AV   | 2390.000 | -59.42 | 2.80 | 1.06 | 39.64 | ≤54 | PASS |
|               |      |      |      | Peak | 2310.000 | -52.22 | 2.80 | 0.00 | 45.78 | ≤74 | PASS |
|               |      |      |      | Peak | 2368.100 | -48.5  | 2.80 | 0.00 | 49.5  | ≤74 | PASS |
|               |      |      |      | Peak | 2390.000 | -51.24 | 2.80 | 0.00 | 46.76 | ≤74 | PASS |
|               |      | High | 2452 | AV   | 2483.500 | -58.69 | 2.80 | 1.06 | 40.37 | ≤54 | PASS |
|               |      |      |      | AV   | 2484.250 | -58.17 | 2.80 | 1.06 | 40.89 | ≤54 | PASS |
|               |      |      |      | AV   | 2500.000 | -59.46 | 2.80 | 1.06 | 39.6  | ≤54 | PASS |
|               |      |      |      | Peak | 2483.500 | -49.94 | 2.80 | 0.00 | 48.06 | ≤74 | PASS |
|               |      |      |      | Peak | 2494.500 | -47.99 | 2.80 | 0.00 | 50.01 | ≤74 | PASS |
|               |      |      |      | Peak | 2500.000 | -51.84 | 2.80 | 0.00 | 46.16 | ≤74 | PASS |

Note:

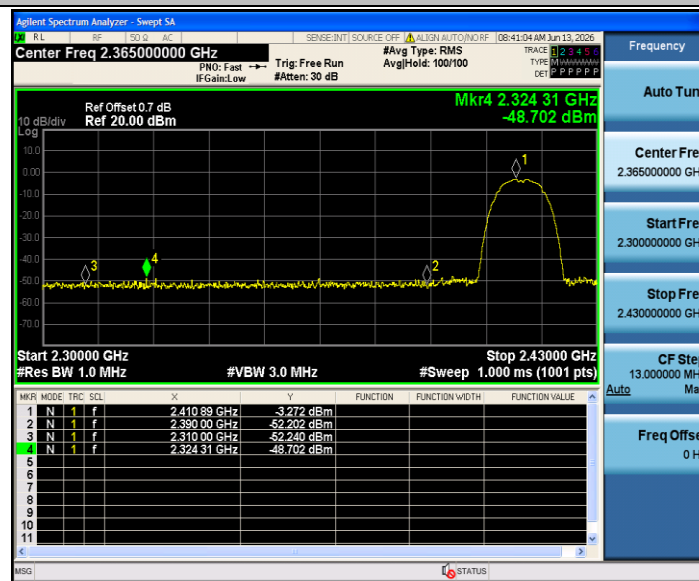
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

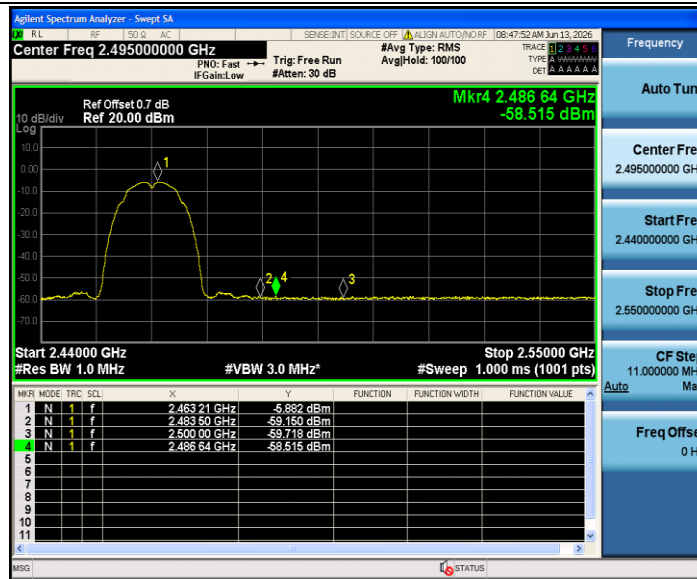
11B\_Ant1\_Low\_2412\_AV



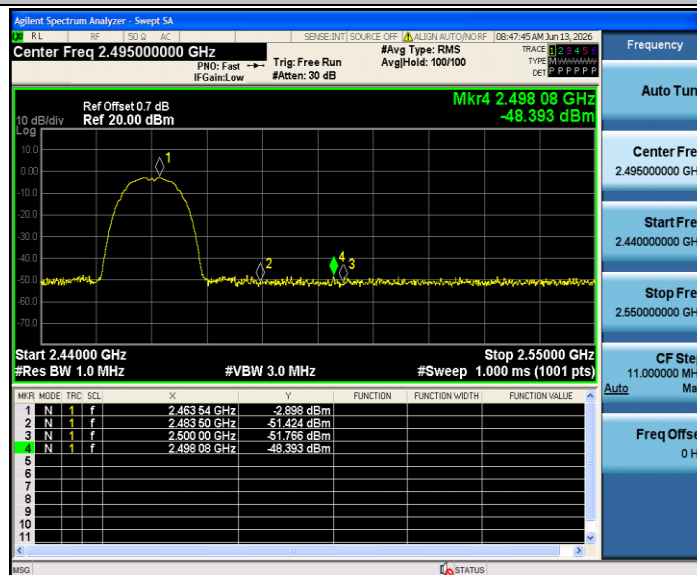
11B\_Ant1\_Low\_2412\_Peak



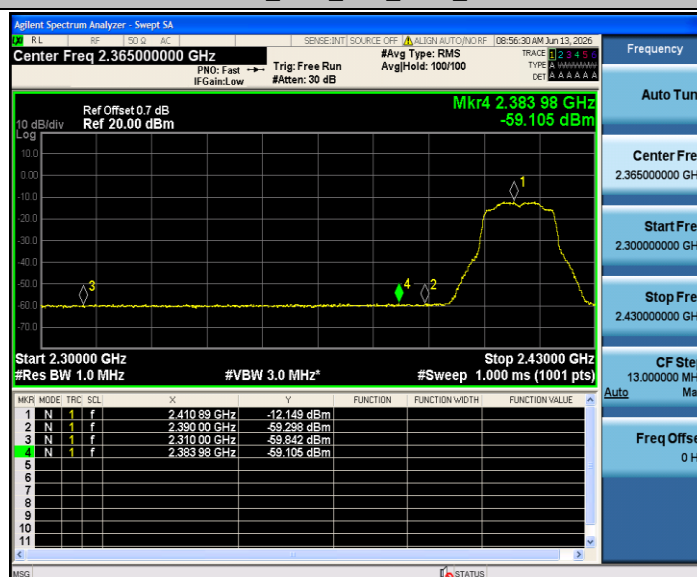
11B\_Ant1\_High\_2462\_AV



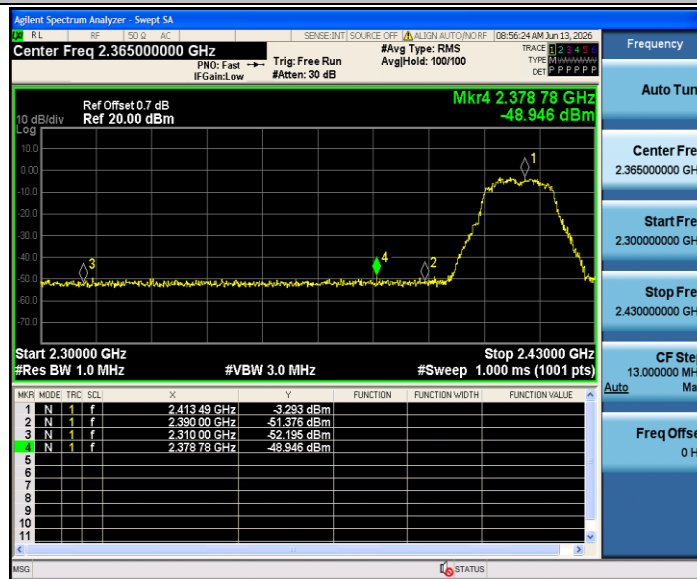
11B\_Ant1\_High\_2462\_Peak



11G\_Ant1\_Low\_2412\_AV



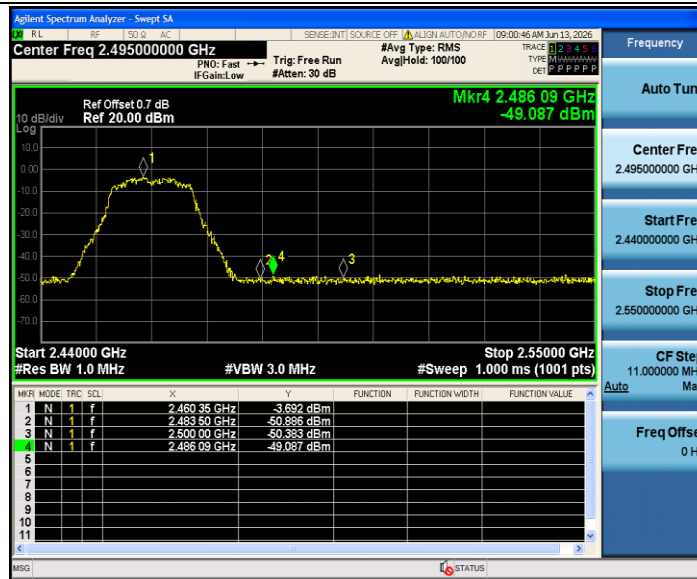
# 11G\_Ant1\_Low\_2412\_Peak



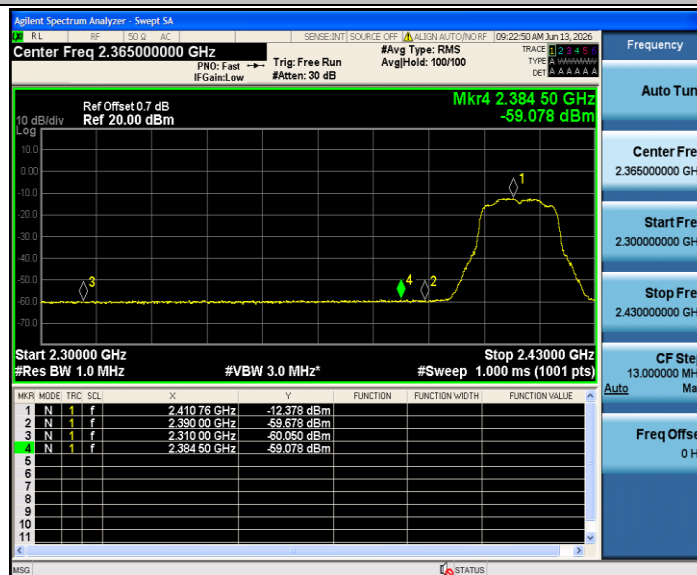
# 11G\_Ant1\_High\_2462\_AV



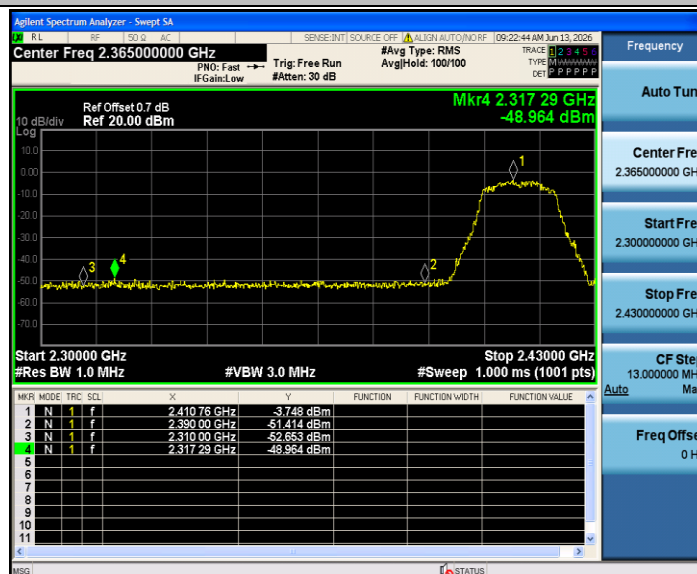
# 11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV



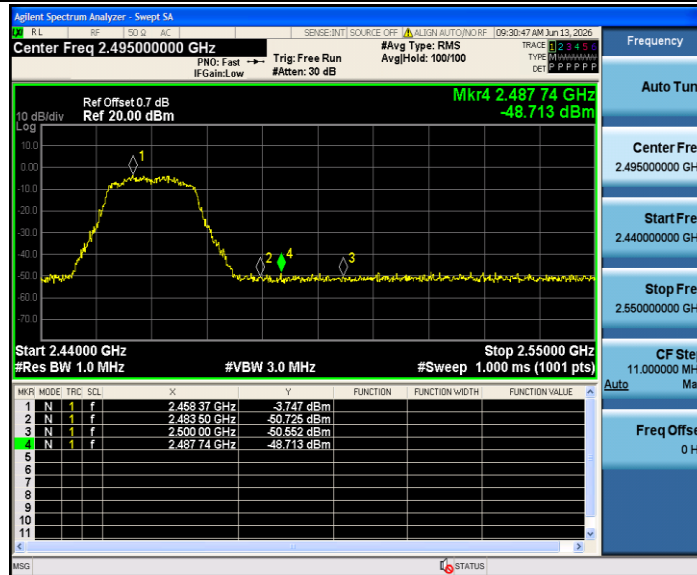
11N20SISO\_Ant1\_Low\_2412\_Peak



# 11N20SISO\_Ant1\_High\_2462\_AV



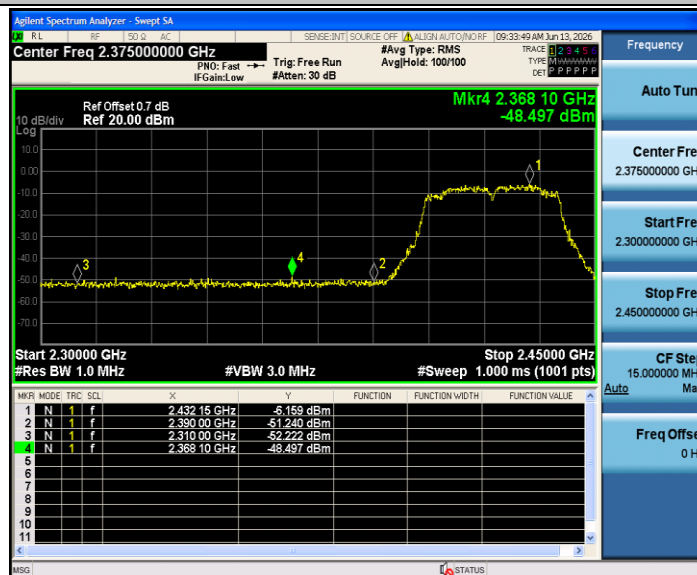
# 11N20SISO\_Ant1\_High\_2462\_Peak



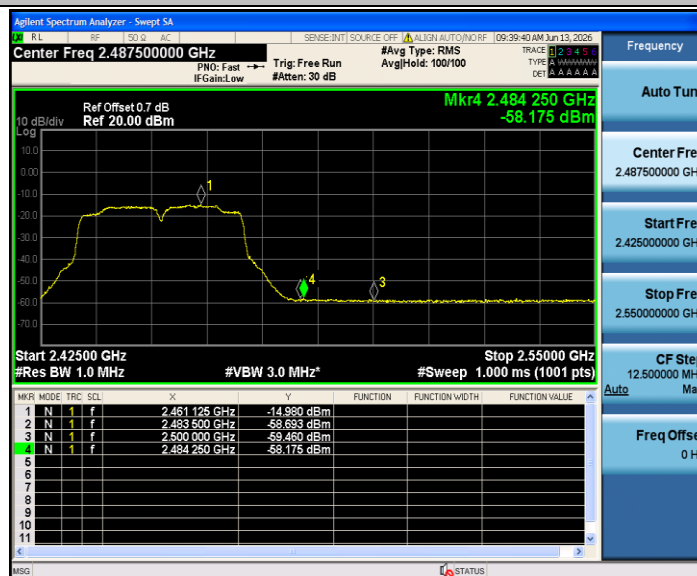
# 11N40SISO\_Ant1\_Low\_2422\_AV



11N40SISO\_Ant1\_Low\_2422\_Peak



11N40SISO\_Ant1\_High\_2452\_AV



# 11N40SISO\_Ant1\_High\_2452\_Peak

