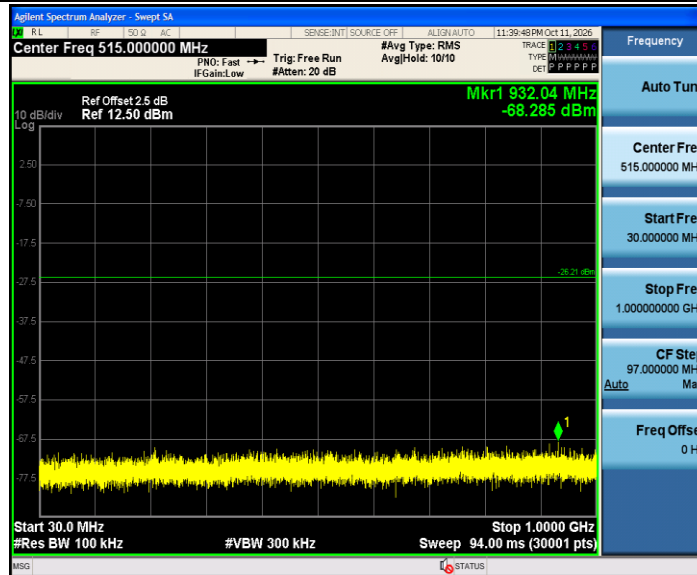


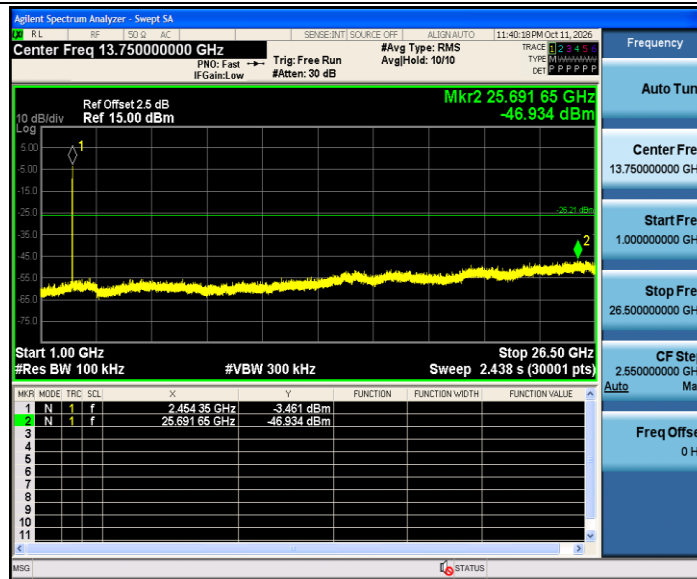
# 11G\_Ant1\_2462\_0~Reference



# 11G\_Ant1\_2462\_30~1000



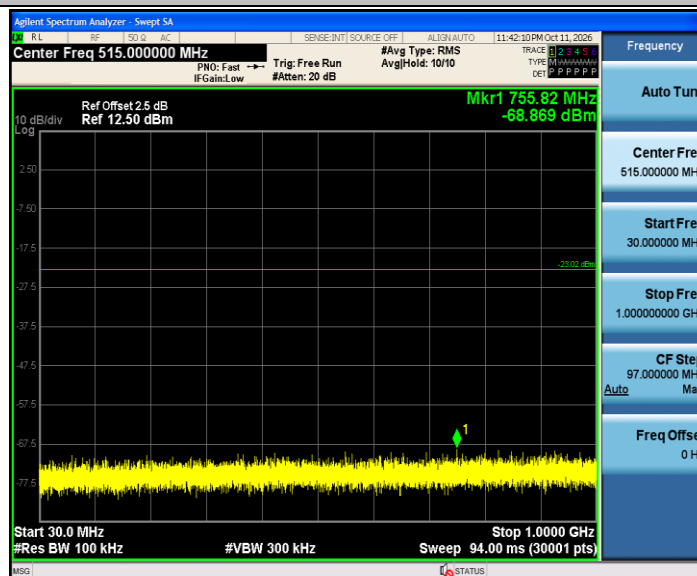
# 11G\_Ant1\_2462\_1000~26500



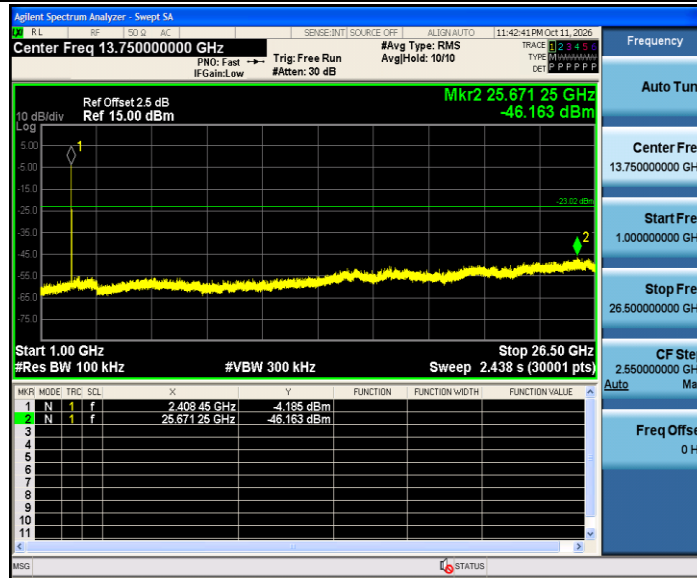
11N20SISO\_Ant1\_2412\_0~Reference



11N20SISO\_Ant1\_2412\_30~1000



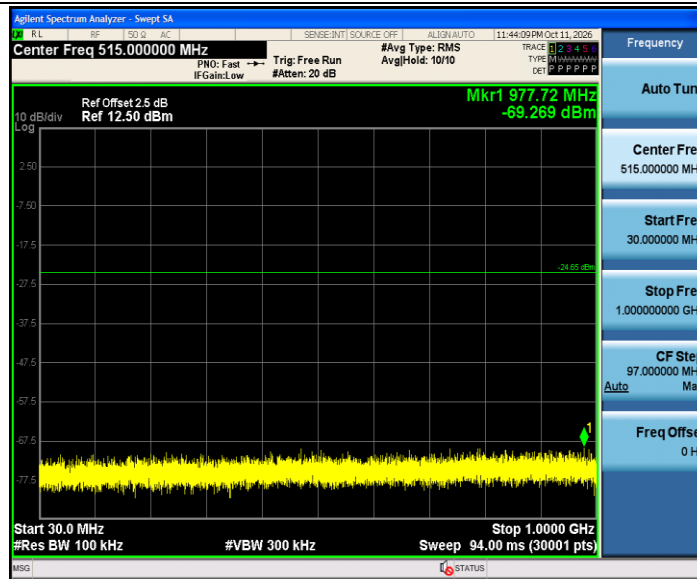
# 11N20SISO\_Ant1\_2412\_1000~26500



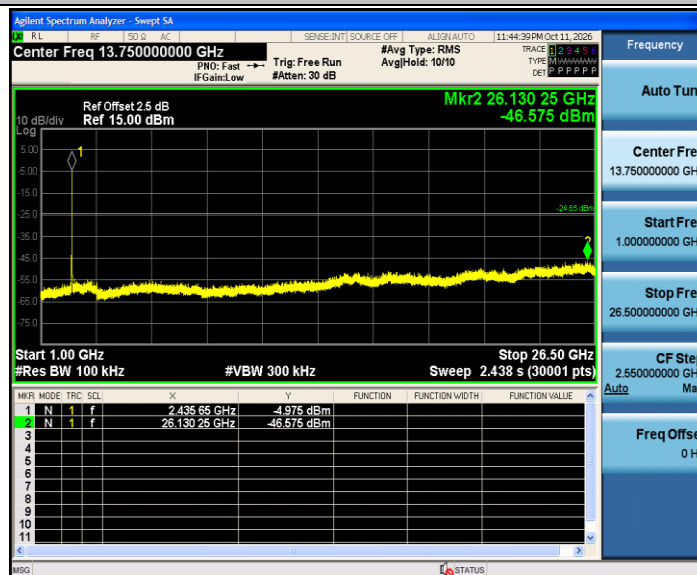
# 11N20SISO\_Ant1\_2437\_0~Reference



# 11N20SISO\_Ant1\_2437\_30~1000



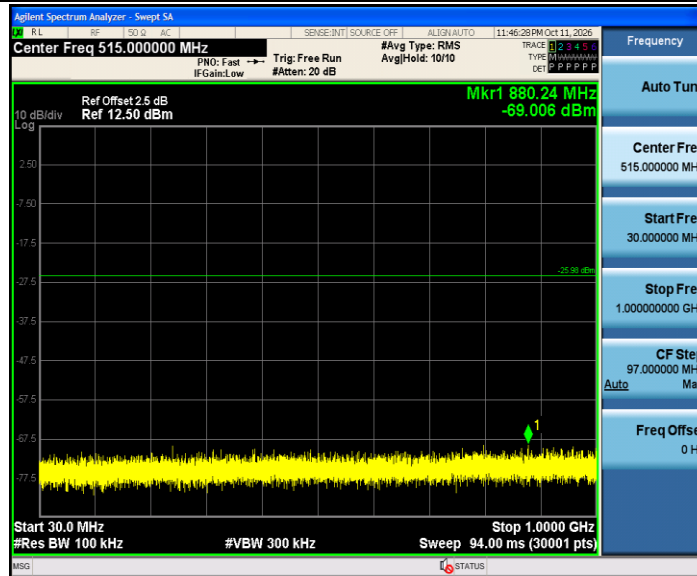
11N20SISO\_Ant1\_2437\_1000~26500



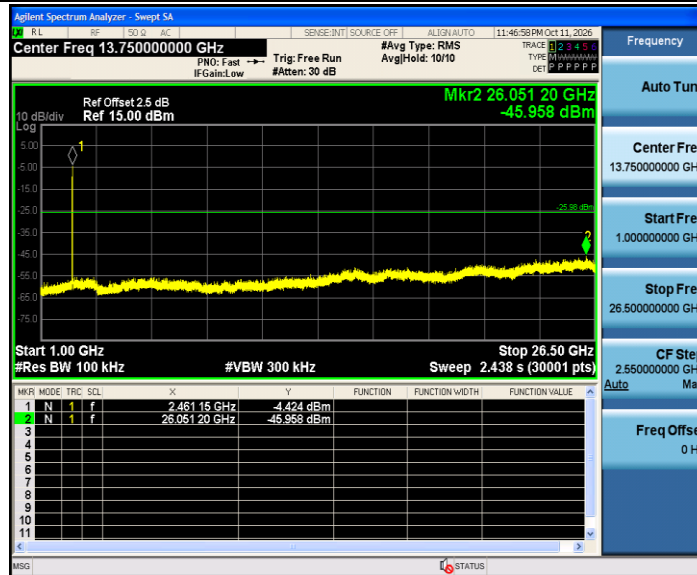
11N20SISO\_Ant1\_2462\_0~Reference



# 11N20SISO\_Ant1\_2462\_30~1000



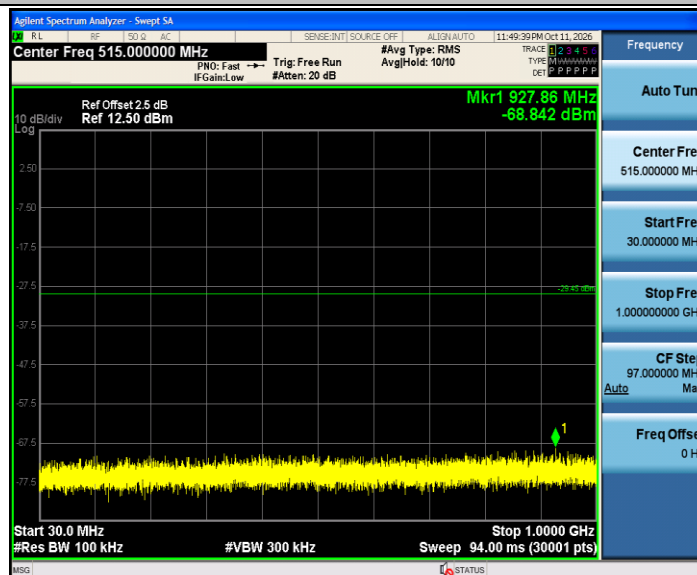
# 11N20SISO\_Ant1\_2462\_1000~26500



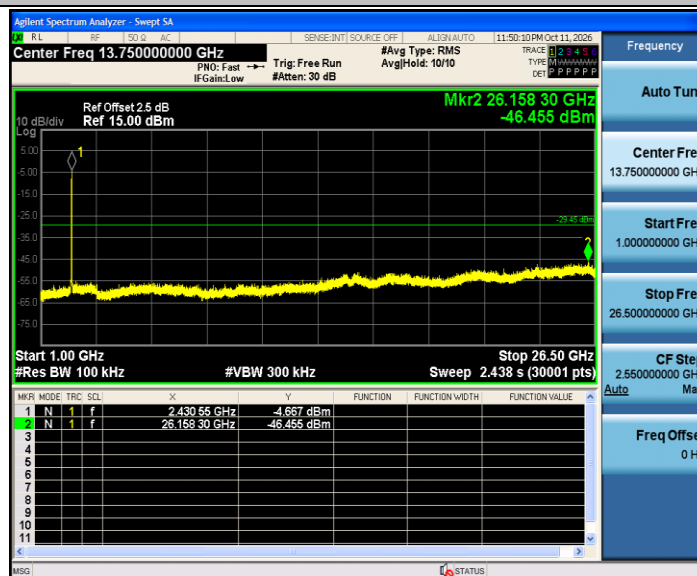
# 11N40SISO\_Ant1\_2422\_0~Reference



11N40SISO\_Ant1\_2422\_30~1000



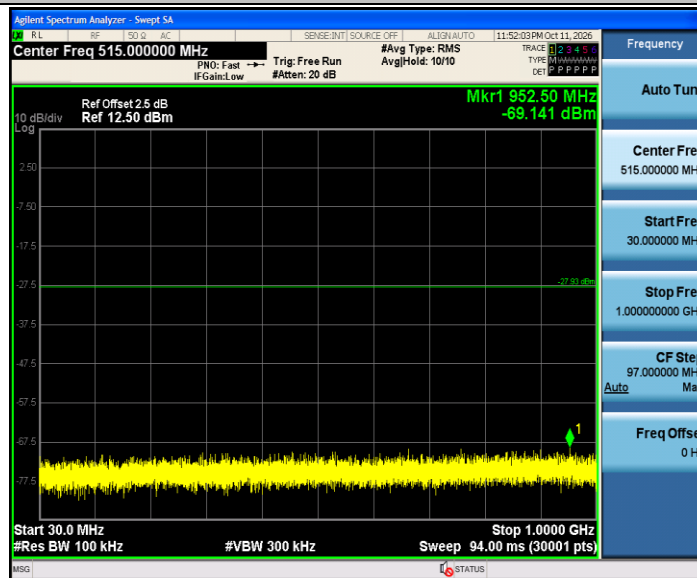
11N40SISO\_Ant1\_2422\_1000~26500



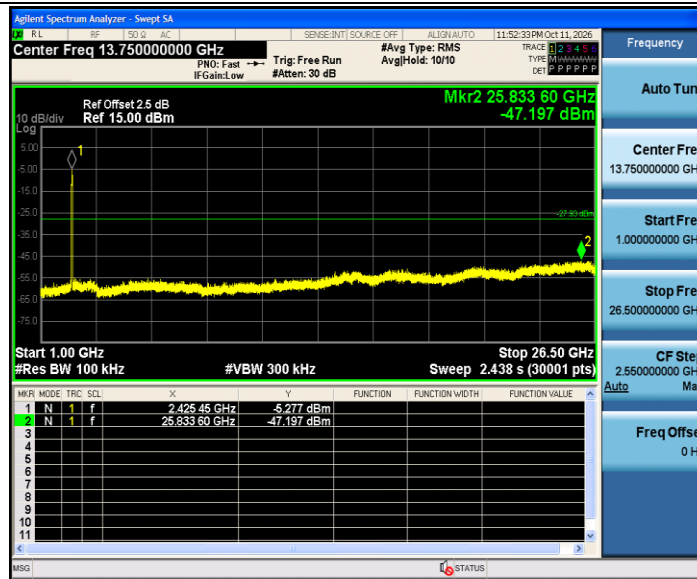
# 11N40SISO\_Ant1\_2437\_0~Reference



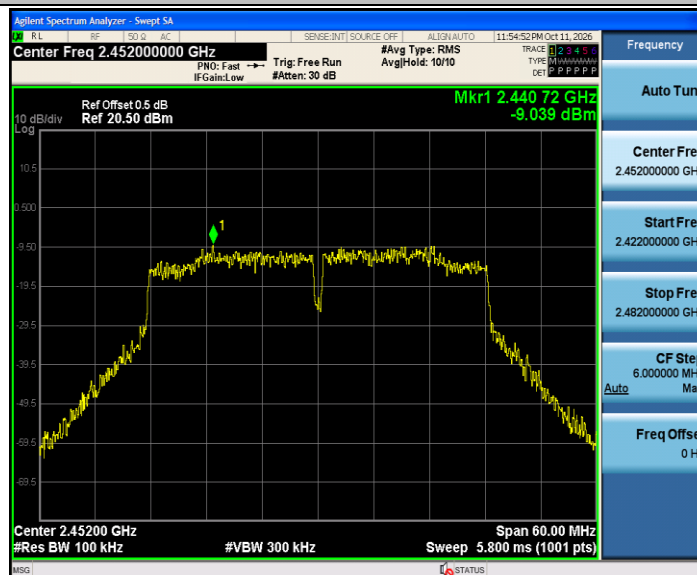
# 11N40SISO\_Ant1\_2437\_30~1000



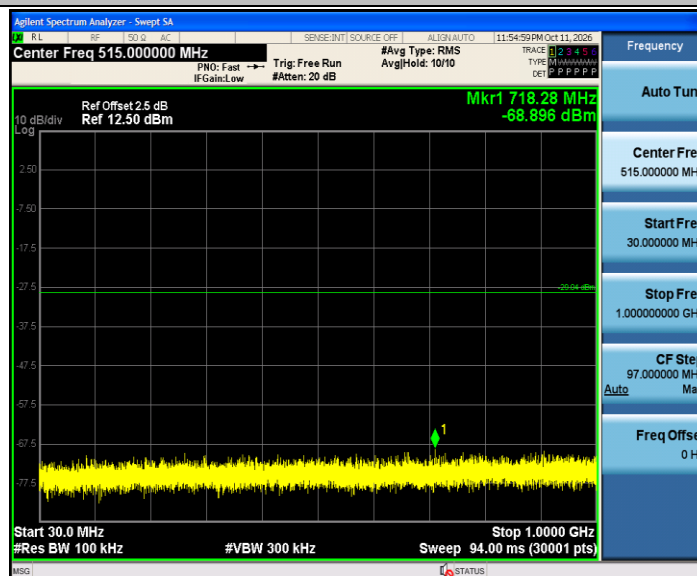
# 11N40SISO\_Ant1\_2437\_1000~26500



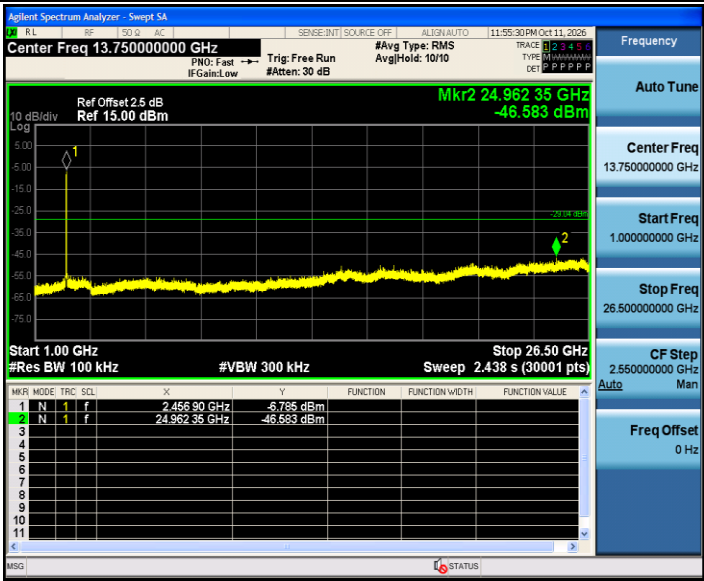
11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_30~1000



11N40SISO\_Ant1\_2452\_1000~26500

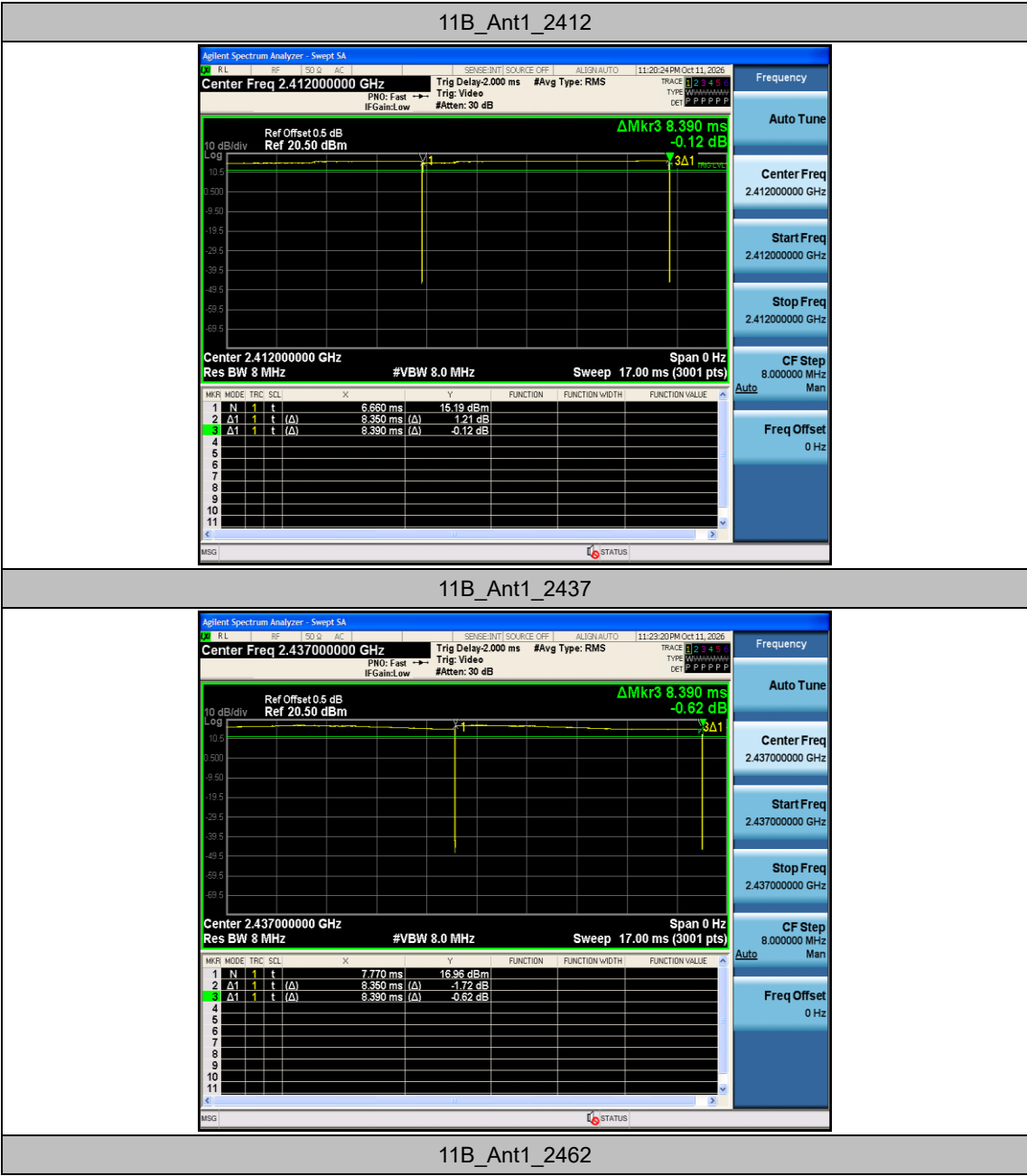


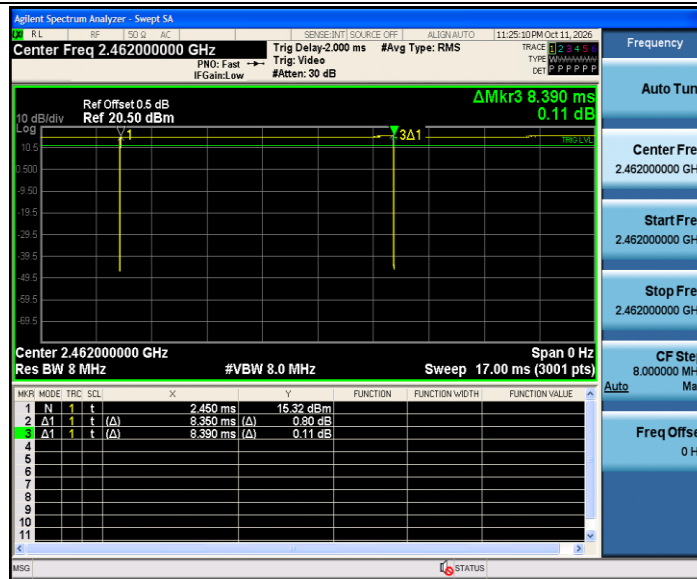
## Appendix G: Duty Cycle

### Test Result

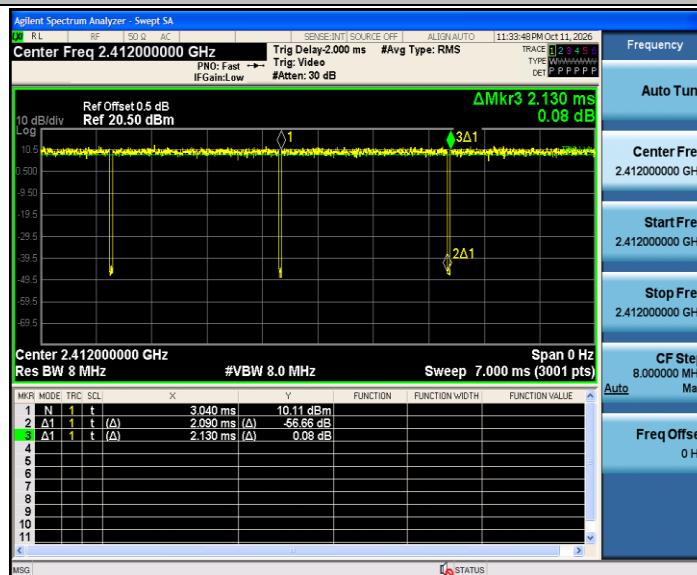
| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period [ms] | Duty<br>Cycle<br>[%] | DC Factor<br>[dB] | T Factor<br>[dB] |
|-----------|---------|----------------|----------------------------------|-----------------------------|----------------------|-------------------|------------------|
| 11B       | Ant1    | 2412           | 8.35                             | 8.39                        | 99.52                | 0.02              | 0.12             |
|           |         | 2437           | 8.35                             | 8.39                        | 99.52                | 0.02              | 0.12             |
|           |         | 2462           | 8.35                             | 8.39                        | 99.52                | 0.02              | 0.12             |
| 11G       | Ant1    | 2412           | 2.09                             | 2.13                        | 98.12                | 0.08              | 0.48             |
|           |         | 2437           | 2.09                             | 2.12                        | 98.58                | 0.06              | 0.48             |
|           |         | 2462           | 2.09                             | 2.13                        | 98.12                | 0.08              | 0.48             |
| 11N20SISO | Ant1    | 2412           | 2.58                             | 2.62                        | 98.47                | 0.07              | 0.39             |
|           |         | 2437           | 2.58                             | 2.61                        | 98.85                | 0.05              | 0.39             |
|           |         | 2462           | 2.57                             | 2.62                        | 98.09                | 0.08              | 0.39             |
| 11N40SISO | Ant1    | 2422           | 2.59                             | 2.63                        | 98.48                | 0.07              | 0.39             |
|           |         | 2437           | 2.59                             | 2.63                        | 98.48                | 0.07              | 0.39             |
|           |         | 2452           | 2.59                             | 2.63                        | 98.48                | 0.07              | 0.39             |

Test Graphs

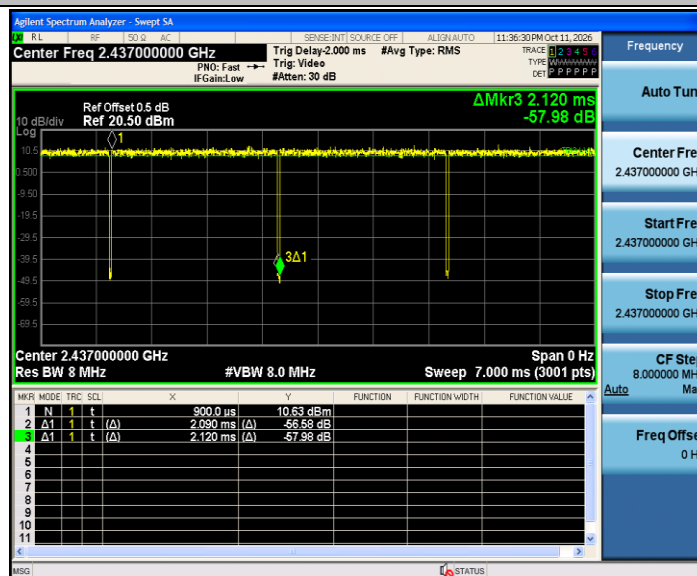




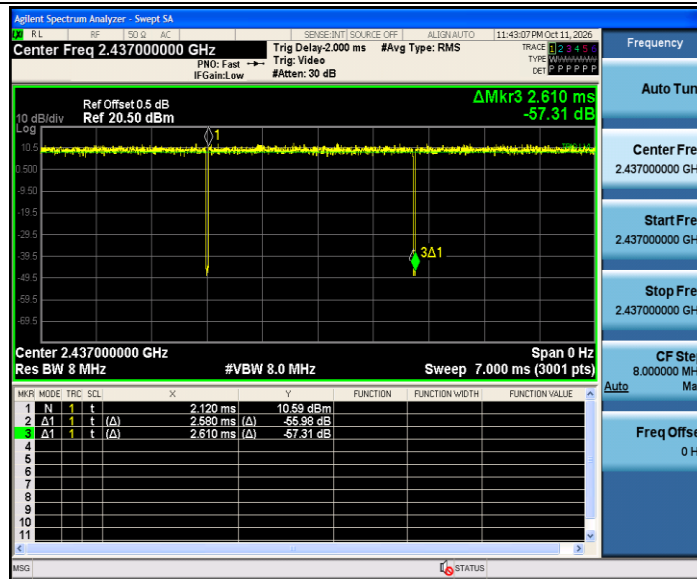
11G\_Ant1\_2412



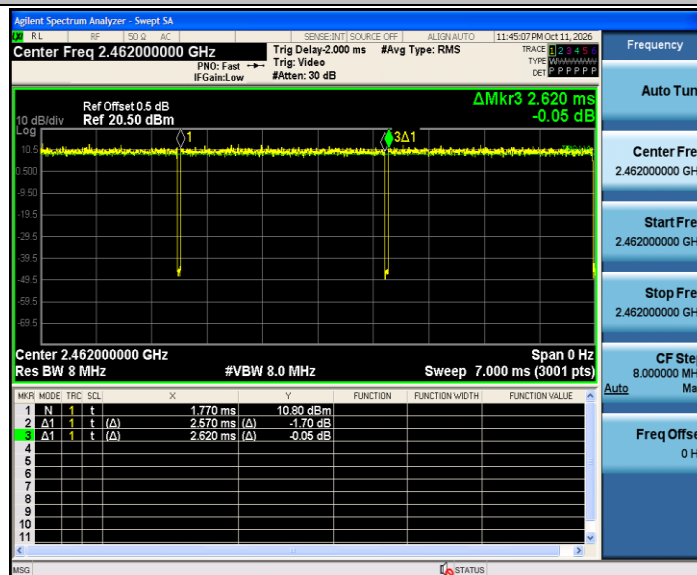
11G\_Ant1\_2437



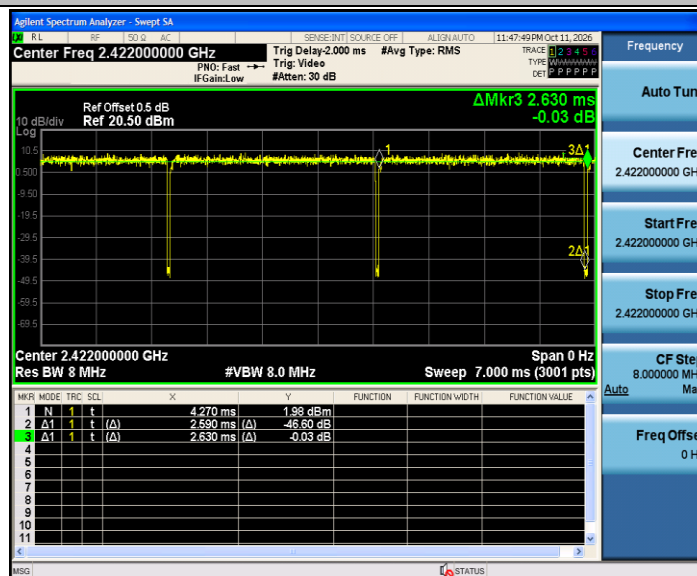




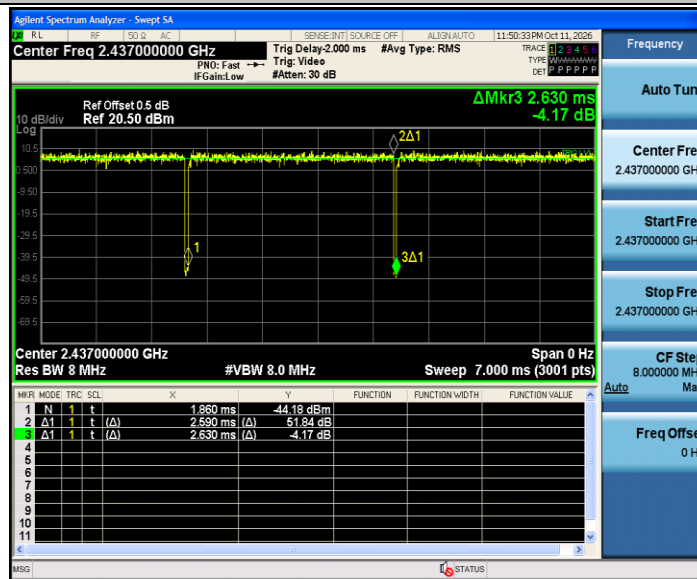
11N20SISO\_Ant1\_2462



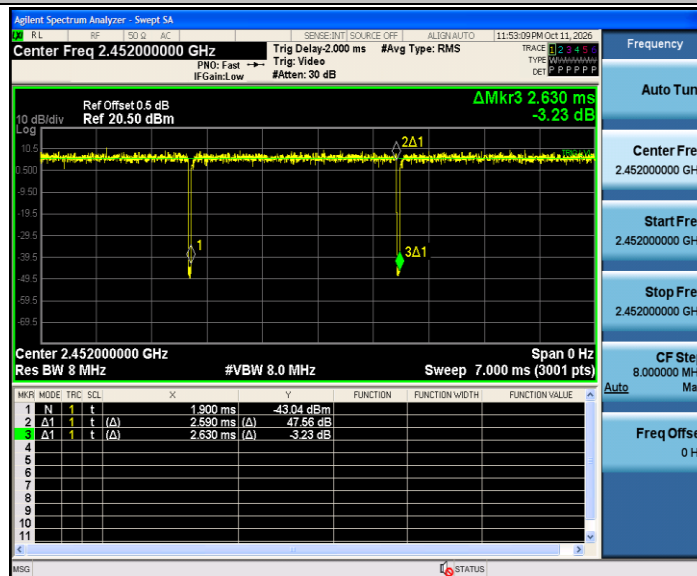
11N40SISO\_Ant1\_2422



# 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      | -60.44          | 2.00         | 0.02                 | 36.78              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2385.800      | -50.21          | 2.00         | 0.02                 | 47.01              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -54.58          | 2.00         | 0.02                 | 42.64              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -52.74          | 2.00         | 0.00                 | 44.46              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2386.580      | -43.82          | 2.00         | 0.00                 | 53.38              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -45.52          | 2.00         | 0.00                 | 51.68              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -54.21          | 2.00         | 0.02                 | 43.01              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2488.620      | -52.02          | 2.00         | 0.02                 | 45.20              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -57.48          | 2.00         | 0.02                 | 39.74              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -47.63          | 2.00         | 0.00                 | 49.57              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2488.180      | -44.65          | 2.00         | 0.00                 | 52.55              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -50.1           | 2.00         | 0.00                 | 47.10              | ≤74               | PASS    |
| 11G           | Ant1        | Low        | 2412               | AV       | 2310.000      | -60.5           | 2.00         | 0.08                 | 36.78              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2386.580      | -58.86          | 2.00         | 0.08                 | 38.42              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -59.14          | 2.00         | 0.08                 | 38.14              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -51.98          | 2.00         | 0.00                 | 45.22              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2387.360      | -49.19          | 2.00         | 0.00                 | 48.01              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -52.42          | 2.00         | 0.00                 | 44.78              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -59.36          | 2.00         | 0.08                 | 37.92              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2486.200      | -58.44          | 2.00         | 0.08                 | 38.84              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -59.25          | 2.00         | 0.08                 | 38.03              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -50.35          | 2.00         | 0.00                 | 46.85              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2485.210      | -48.74          | 2.00         | 0.00                 | 48.46              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -52.4           | 2.00         | 0.00                 | 44.80              | ≤74               | PASS    |
| 11N20SI<br>SO | Ant1        | Low        | 2412               | AV       | 2310.000      | -60.1           | 2.00         | 0.07                 | 37.17              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2388.920      | -58.25          | 2.00         | 0.07                 | 39.02              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -59.1           | 2.00         | 0.07                 | 38.17              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -52.99          | 2.00         | 0.00                 | 44.21              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2363.700      | -48.85          | 2.00         | 0.00                 | 48.35              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -51.01          | 2.00         | 0.00                 | 46.19              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -58.66          | 2.00         | 0.08                 | 38.62              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2484.330      | -58.41          | 2.00         | 0.08                 | 38.87              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -59.79          | 2.00         | 0.08                 | 37.49              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -50.5           | 2.00         | 0.00                 | 46.70              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2491.150      | -48.59          | 2.00         | 0.00                 | 48.61              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -51.98          | 2.00         | 0.00                 | 45.22              | ≤74               | PASS    |

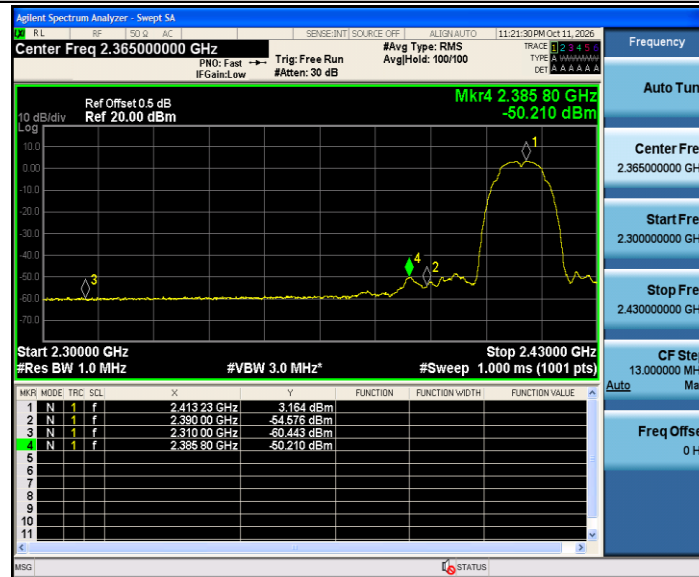
|               |      |      |      |      |          |        |      |      |       |     |      |
|---------------|------|------|------|------|----------|--------|------|------|-------|-----|------|
| 11N40SI<br>SO | Ant1 | Low  | 2422 | AV   | 2310.000 | -60.92 | 2.00 | 0.07 | 36.35 | ≤54 | PASS |
|               |      |      |      | AV   | 2388.800 | -56.64 | 2.00 | 0.07 | 40.63 | ≤54 | PASS |
|               |      |      |      | AV   | 2390.000 | -57.54 | 2.00 | 0.07 | 39.73 | ≤54 | PASS |
|               |      |      |      | Peak | 2310.000 | -52.69 | 2.00 | 0.00 | 44.51 | ≤74 | PASS |
|               |      |      |      | Peak | 2388.500 | -47.17 | 2.00 | 0.00 | 50.03 | ≤74 | PASS |
|               |      |      |      | Peak | 2390.000 | -49.22 | 2.00 | 0.00 | 47.98 | ≤74 | PASS |
|               |      | High | 2452 | AV   | 2483.500 | -55.58 | 2.00 | 0.07 | 41.69 | ≤54 | PASS |
|               |      |      |      | AV   | 2484.375 | -55.07 | 2.00 | 0.07 | 42.20 | ≤54 | PASS |
|               |      |      |      | AV   | 2500.000 | -58.4  | 2.00 | 0.07 | 38.87 | ≤54 | PASS |
|               |      |      |      | Peak | 2483.500 | -47.47 | 2.00 | 0.00 | 49.73 | ≤74 | PASS |
|               |      |      |      | Peak | 2486.000 | -46.09 | 2.00 | 0.00 | 51.11 | ≤74 | PASS |
|               |      |      |      | Peak | 2500.000 | -49.36 | 2.00 | 0.00 | 47.84 | ≤74 | PASS |

Note:

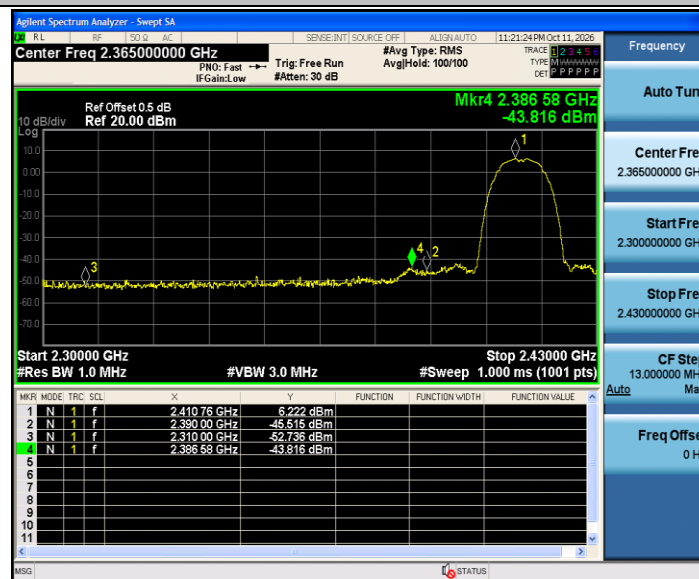
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

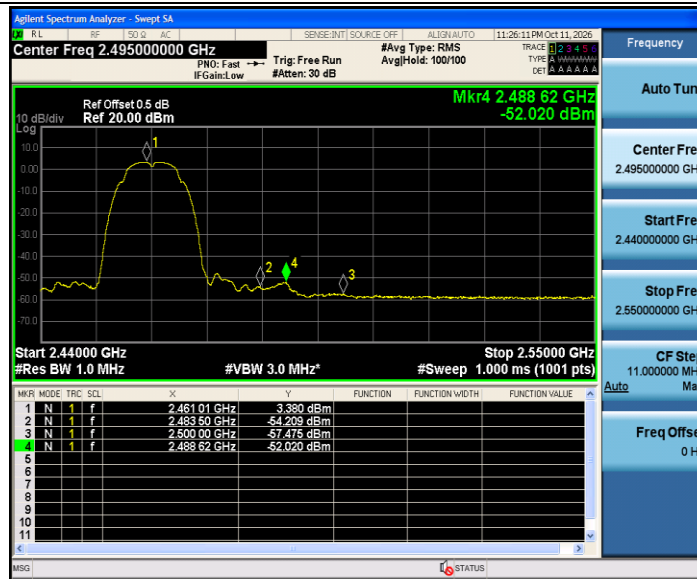
11B\_Ant1\_Low\_2412\_AV



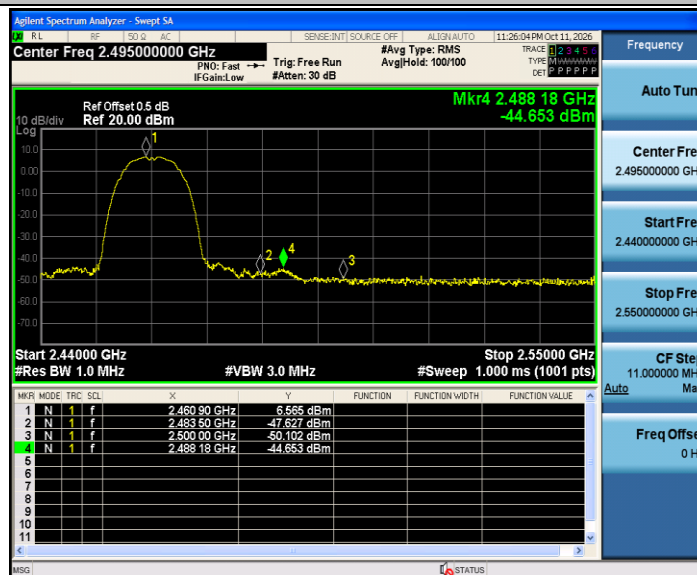
11B\_Ant1\_Low\_2412\_Peak



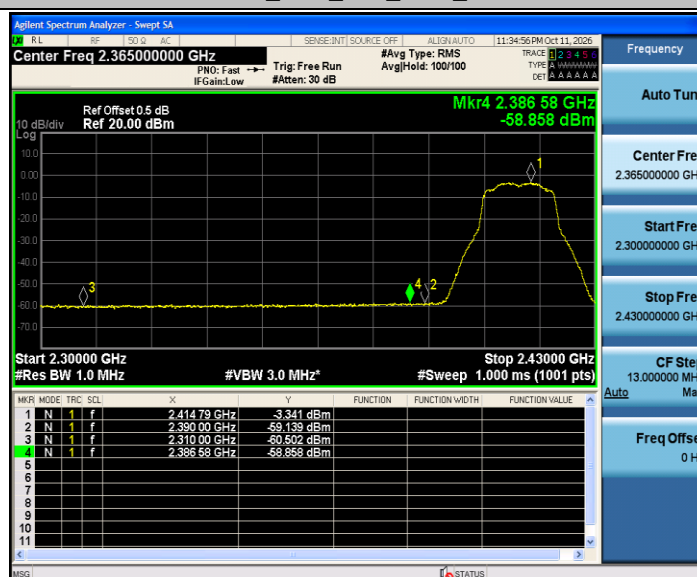
11B\_Ant1\_High\_2462\_AV



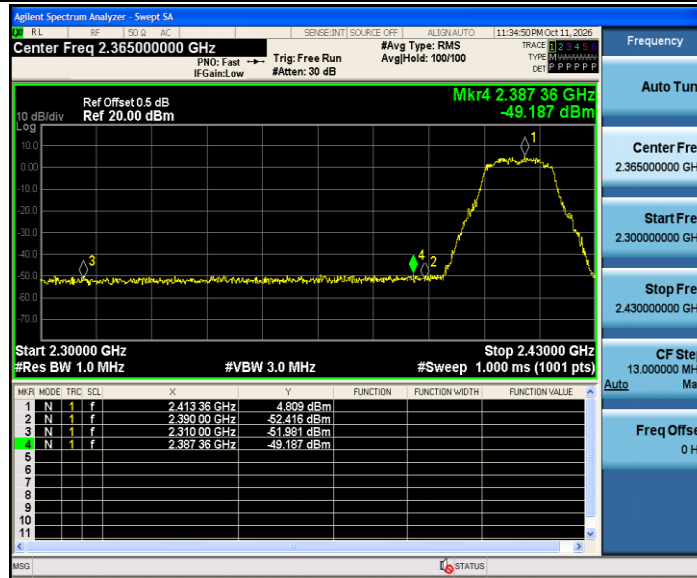
11B\_Ant1\_High\_2462\_Peak



11G\_Ant1\_Low\_2412\_AV



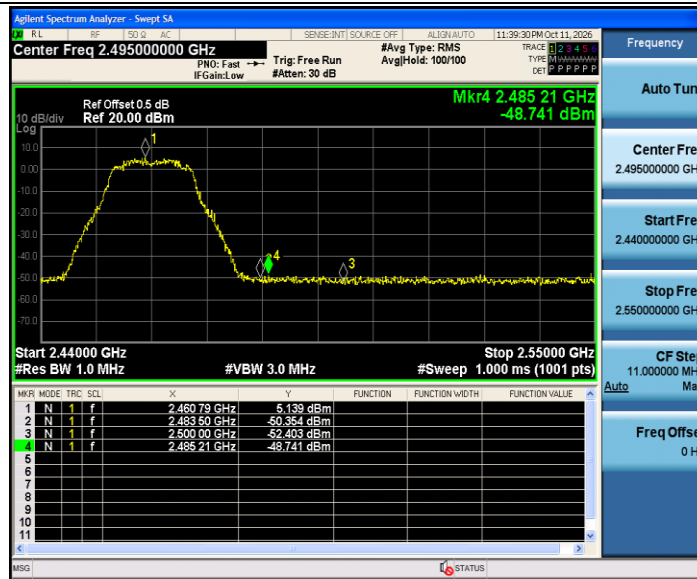
# 11G\_Ant1\_Low\_2412\_Peak



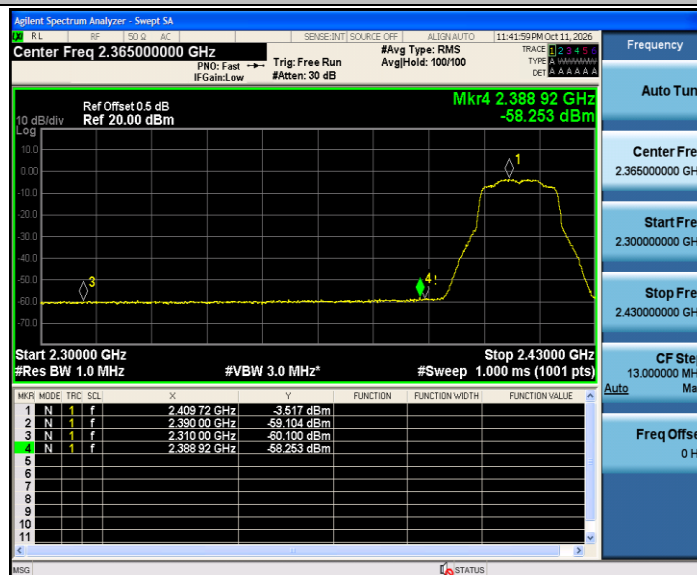
# 11G\_Ant1\_High\_2462\_AV



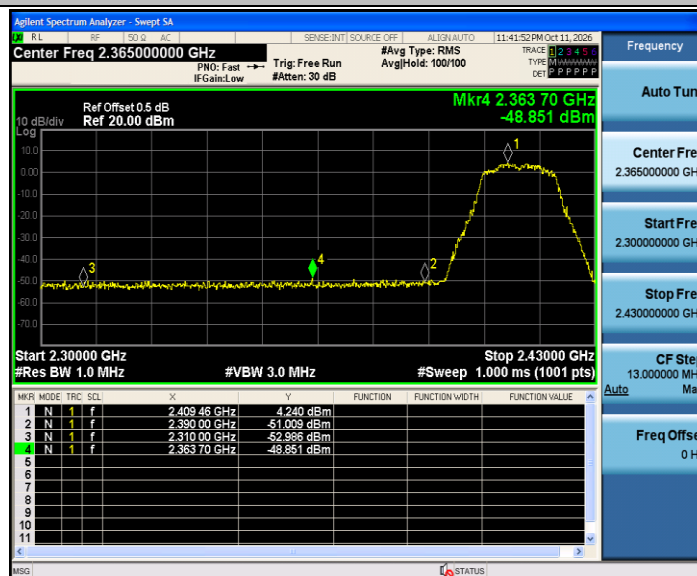
# 11G\_Ant1\_High\_2462\_Peak



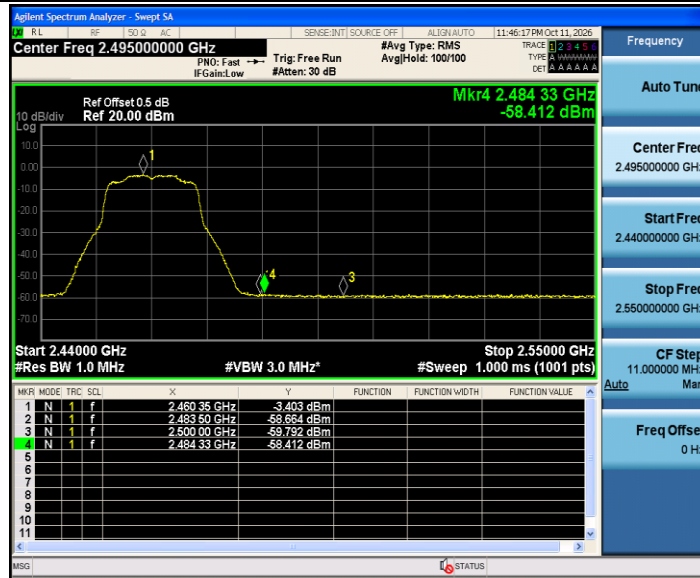
11N20SISO\_Ant1\_Low\_2412\_AV



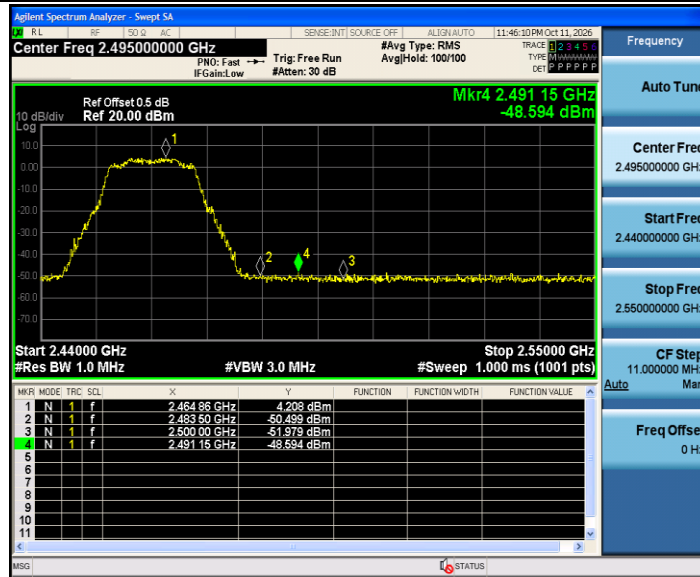
11N20SISO\_Ant1\_Low\_2412\_Peak



# 11N20SISO\_Ant1\_High\_2462\_AV



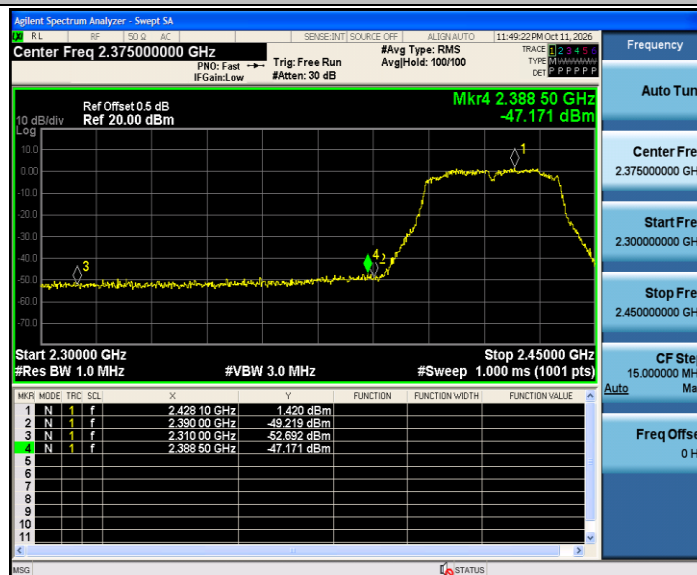
# 11N20SISO\_Ant1\_High\_2462\_Peak



# 11N40SISO\_Ant1\_Low\_2422\_AV



11N40SISO\_Ant1\_Low\_2422\_Peak



11N40SISO\_Ant1\_High\_2452\_AV



# 11N40SISO\_Ant1\_High\_2452\_Peak

