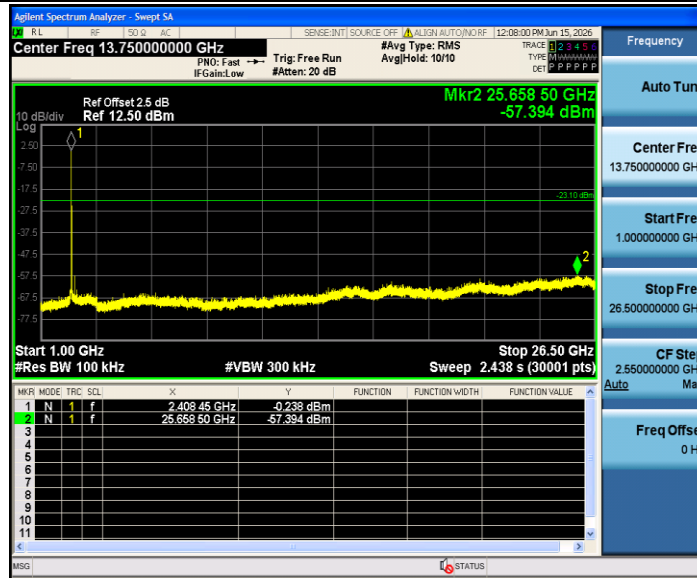


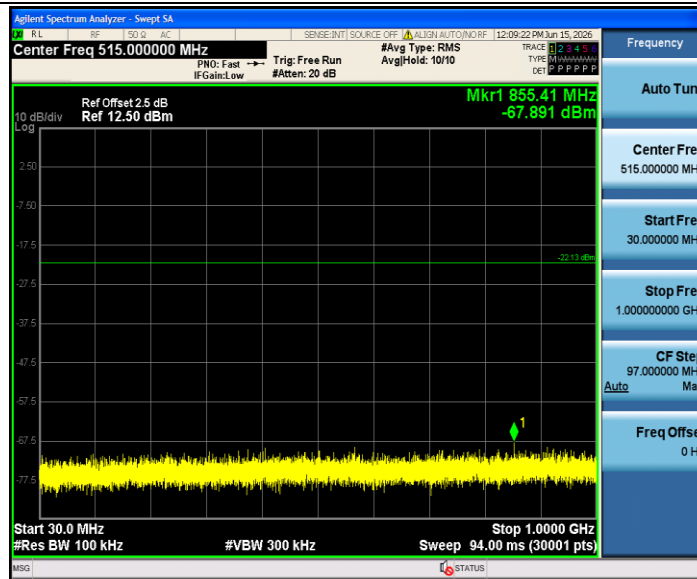
# 11N20SISO\_Ant1\_2412\_1000~26500



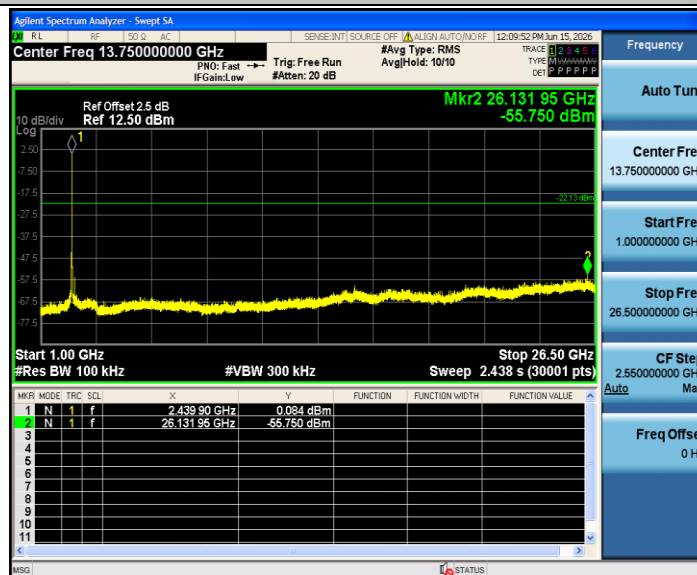
# 11N20SISO\_Ant1\_2437\_0~Reference



# 11N20SISO\_Ant1\_2437\_30~1000



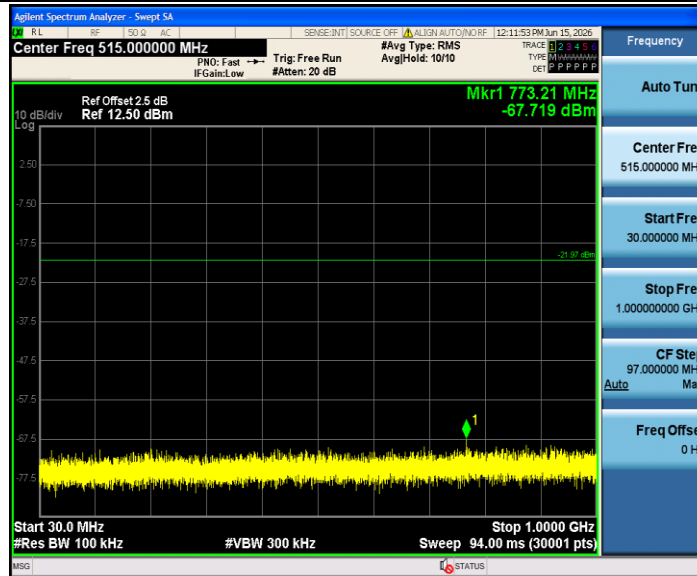
11N20SISO\_Ant1\_2437\_1000~26500



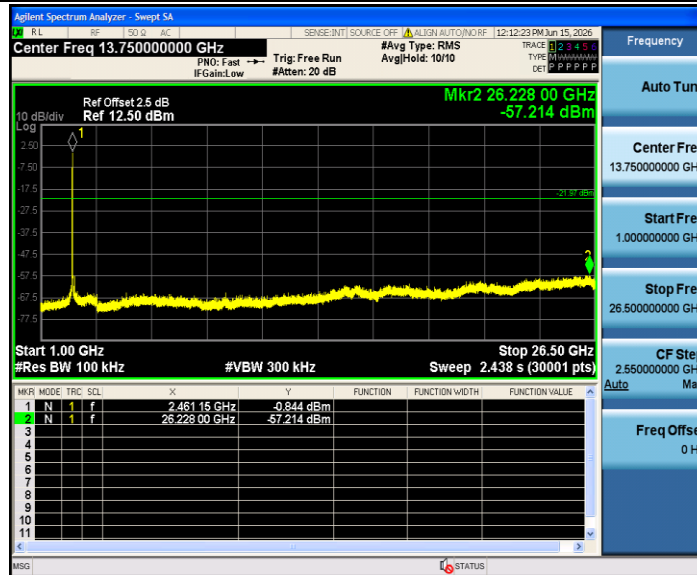
11N20SISO\_Ant1\_2462\_0~Reference



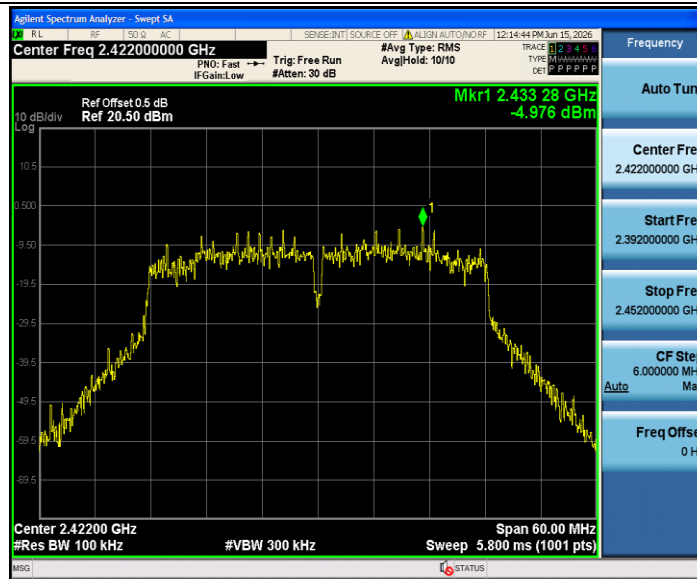
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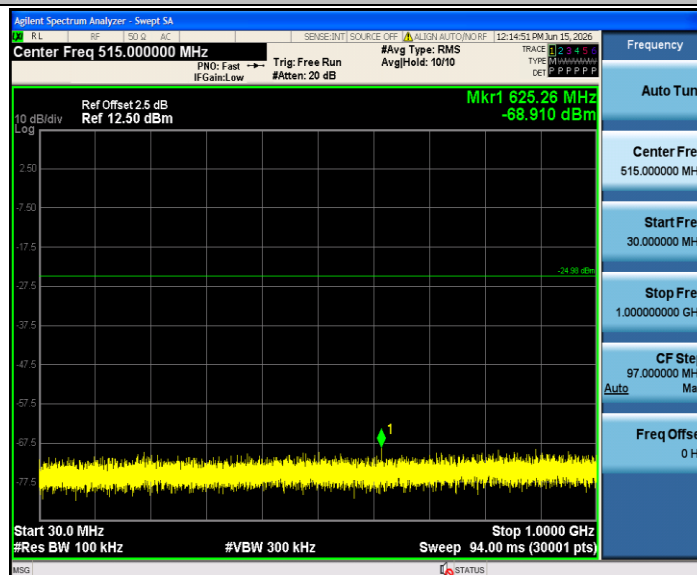
# 11N20SISO\_Ant1\_2462\_1000~26500



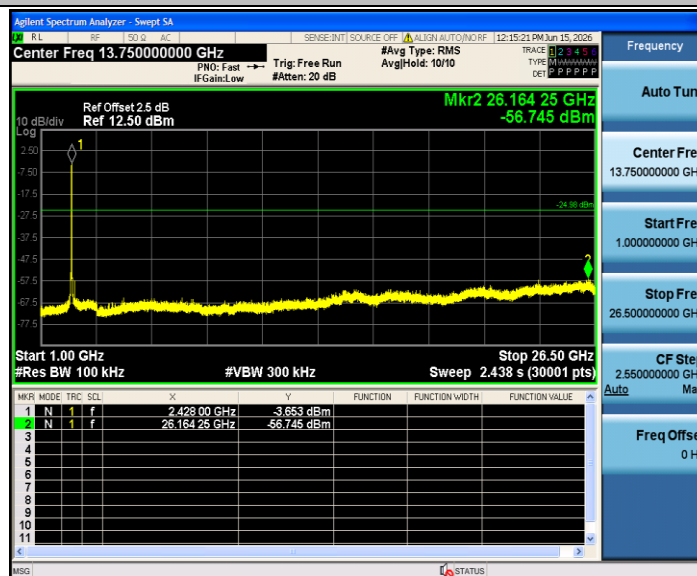
# 11N40SISO\_Ant1\_2422\_0~Reference



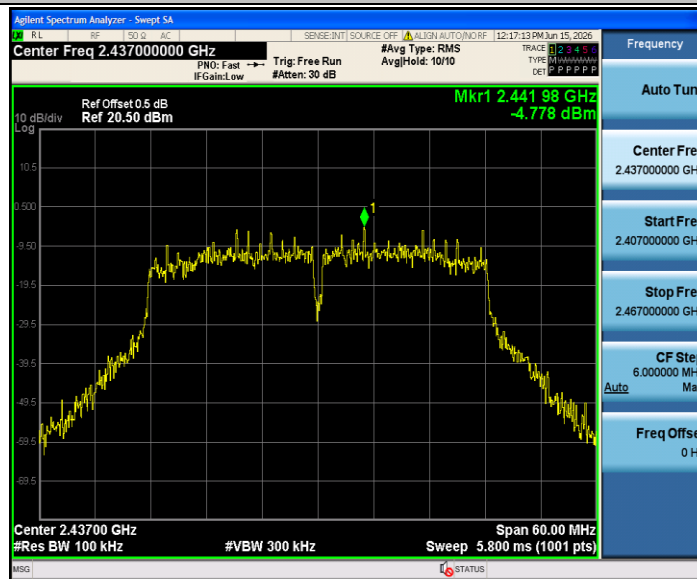
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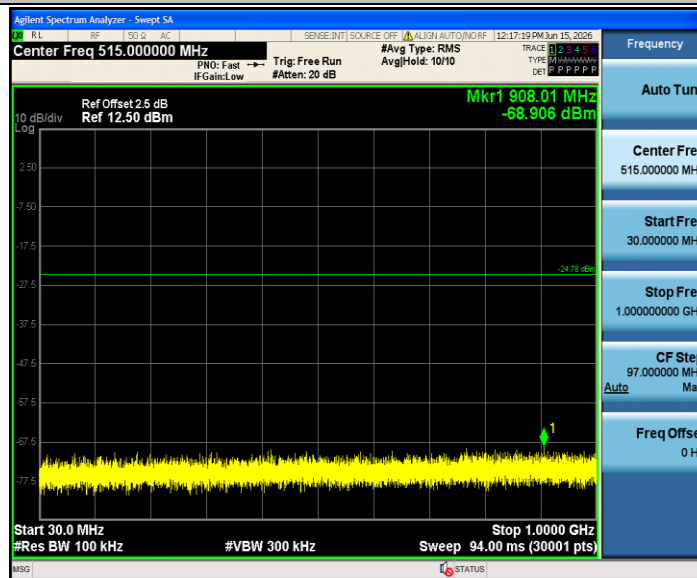
11N40SISO\_Ant1\_2422\_1000~26500



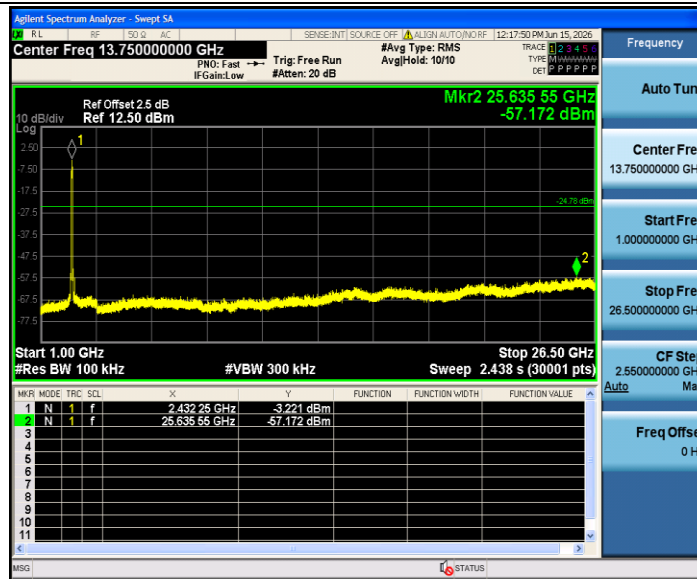
# 11N40SISO\_Ant1\_2437\_0~Reference



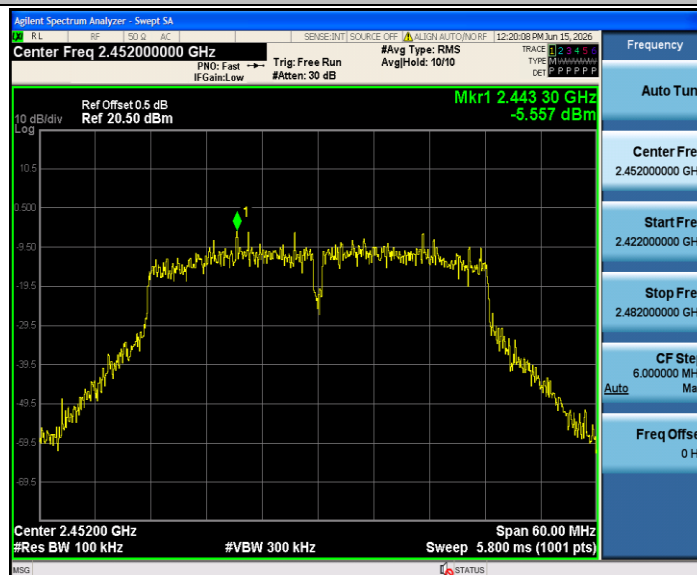
# 11N40SISO\_Ant1\_2437\_30~1000



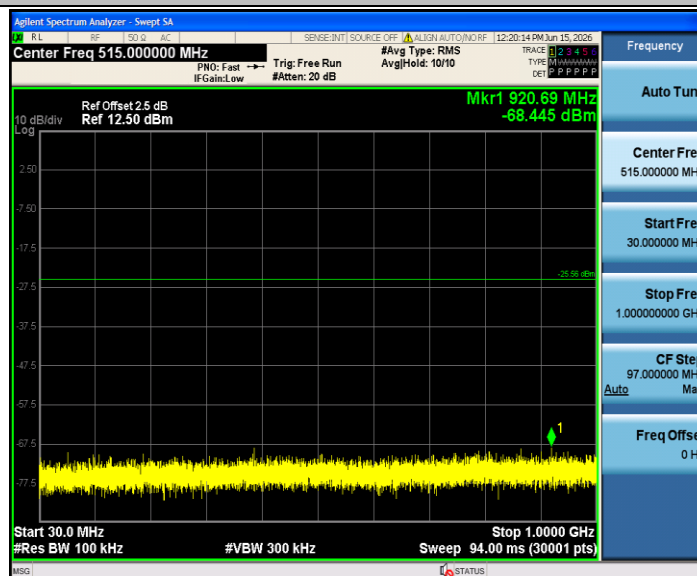
# 11N40SISO\_Ant1\_2437\_1000~26500



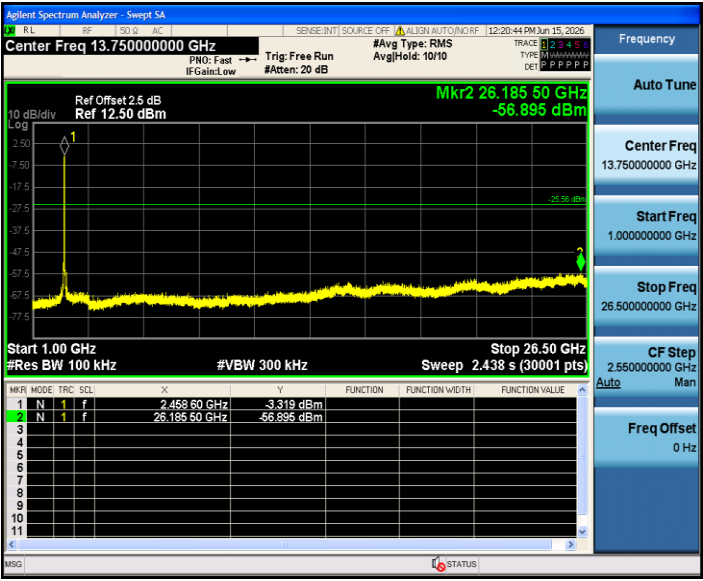
11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_30~1000



11N40SISO\_Ant1\_2452\_1000~26500

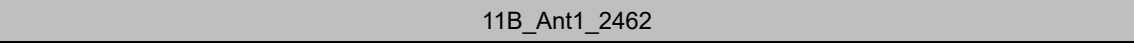
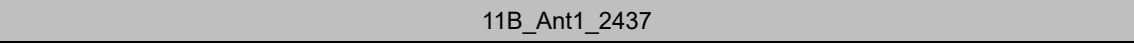


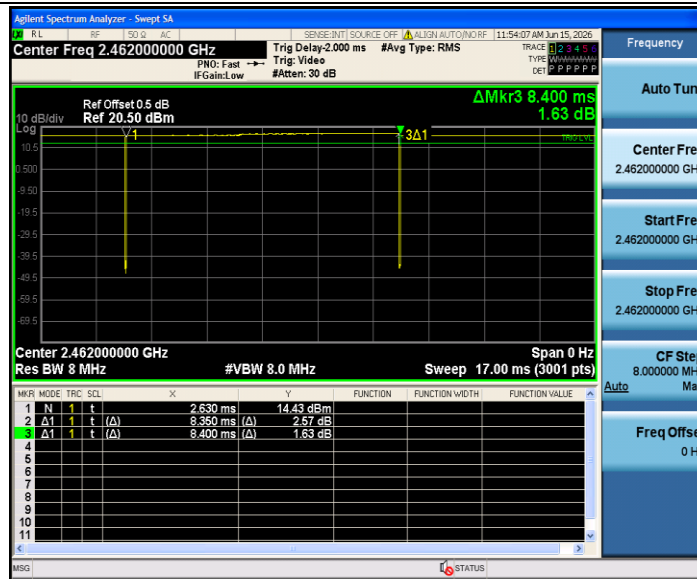
## Appendix G: Duty Cycle

### Test Result

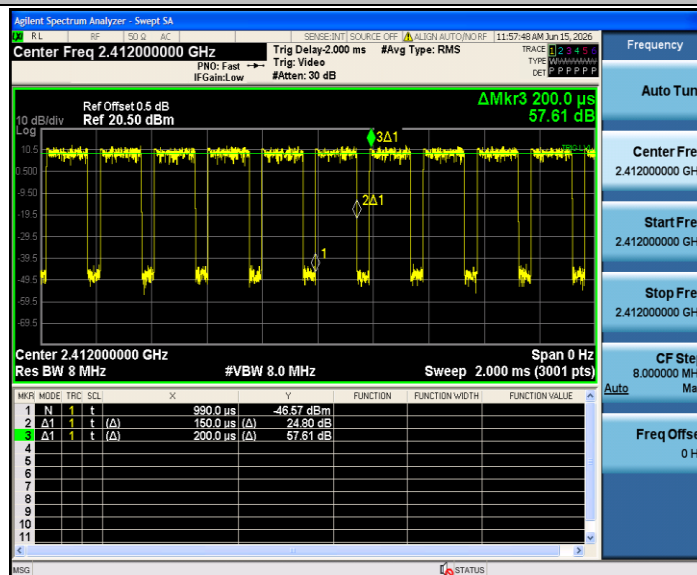
| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period [ms] | Duty<br>Cycle<br>[%] | DC Factor<br>[dB] | T Factor<br>[dB] |
|-----------|---------|----------------|----------------------------------|-----------------------------|----------------------|-------------------|------------------|
| 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           | 8.35                             | 8.40                        | 99.40                | 0.03              | 0.12             |
| 11G       | Ant1    | 2412           | 0.15                             | 0.20                        | 75.00                | 1.25              | 6.67             |
|           |         | 2437           | 0.14                             | 0.19                        | 73.68                | 1.33              | 7.14             |
|           |         | 2462           | 0.15                             | 0.20                        | 75.00                | 1.25              | 6.67             |
| 11N20SISO | Ant1    | 2412           | 0.18                             | 0.23                        | 78.26                | 1.06              | 5.56             |
|           |         | 2437           | 0.18                             | 0.22                        | 81.82                | 0.87              | 5.56             |
|           |         | 2462           | 0.18                             | 0.23                        | 78.26                | 1.06              | 5.56             |
| 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             |

11B\_Ant1\_2412

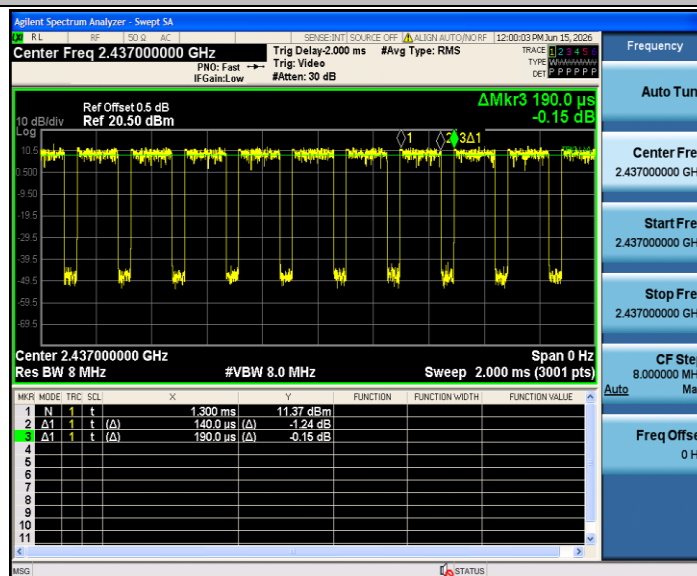




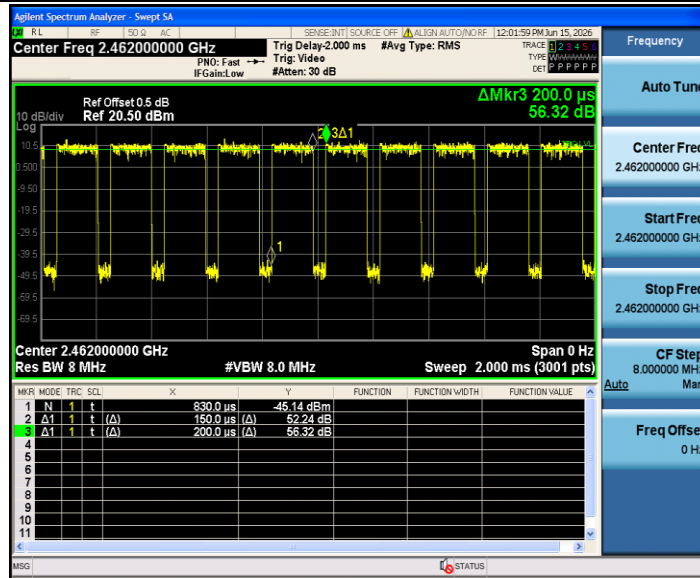
11G\_Ant1\_2412



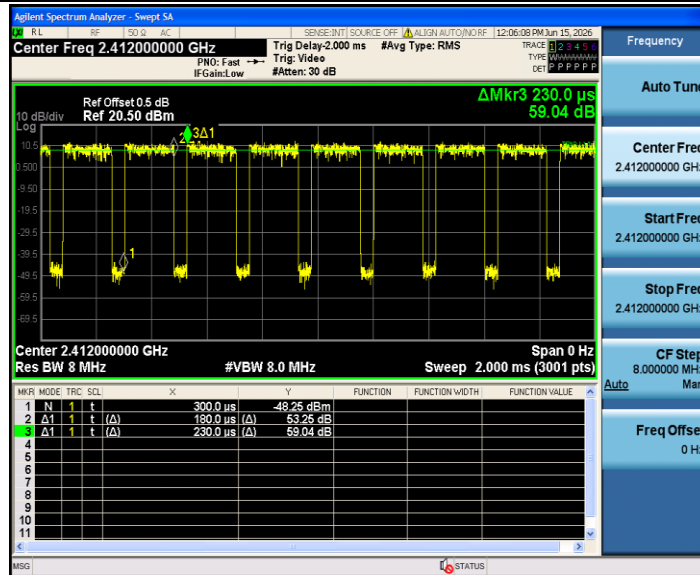
11G\_Ant1\_2437



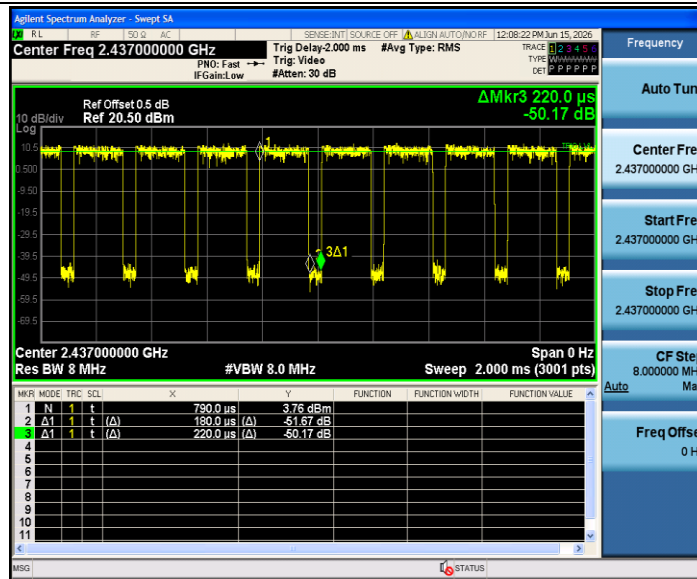
# 11G\_Ant1\_2462



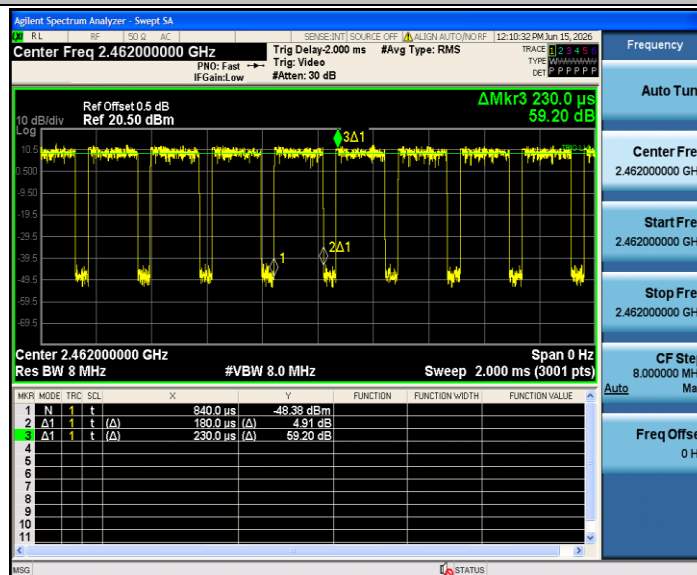
# 11N20SISO\_Ant1\_2412



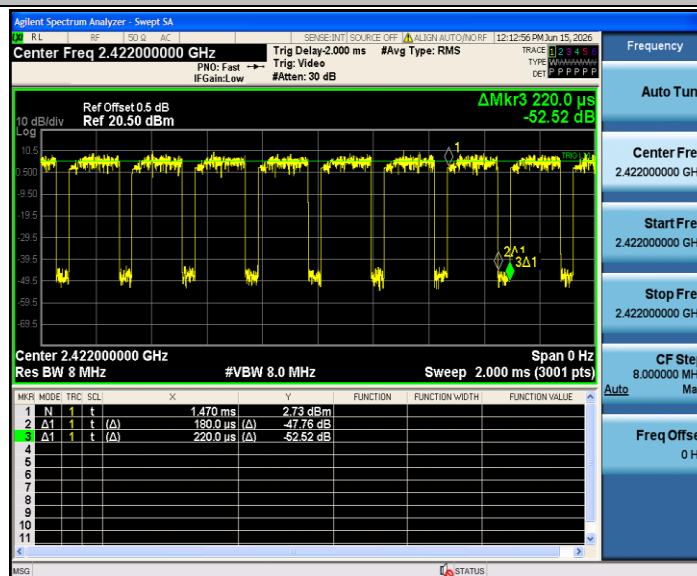
# 11N20SISO\_Ant1\_2437



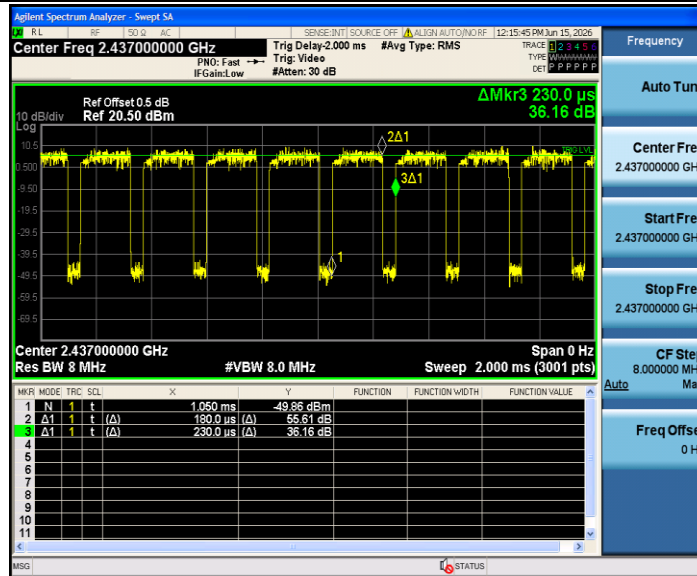
11N20SISO\_Ant1\_2462



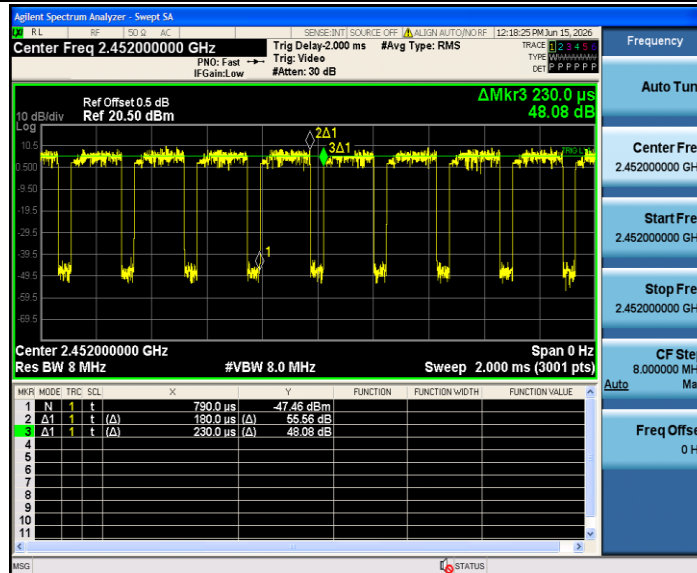
11N40SISO\_Ant1\_2422



# 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      | -60.2           | 2.00         | 0.03                 | 37.03              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2386.060      | -49.62          | 2.00         | 0.03                 | 47.61              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -54.52          | 2.00         | 0.03                 | 42.71              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -52.6           | 2.00         | 0.00                 | 44.60              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2386.320      | -43.3           | 2.00         | 0.00                 | 53.90              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -45.66          | 2.00         | 0.00                 | 51.54              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -55.35          | 2.00         | 0.03                 | 41.88              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2488.510      | -51.29          | 2.00         | 0.03                 | 45.94              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -56.43          | 2.00         | 0.03                 | 40.80              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -48.21          | 2.00         | 0.00                 | 48.99              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2487.520      | -44.07          | 2.00         | 0.00                 | 53.13              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -49.81          | 2.00         | 0.00                 | 47.39              | ≤74               | PASS    |
| 11G           | Ant1        | Low        | 2412               | AV       | 2310.000      | -60.65          | 2.00         | 1.25                 | 37.80              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2387.880      | -58.75          | 2.00         | 1.25                 | 39.70              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -59.06          | 2.00         | 1.25                 | 39.39              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -53.47          | 2.00         | 0.00                 | 43.73              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2377.350      | -49.06          | 2.00         | 0.00                 | 48.14              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -51.28          | 2.00         | 0.00                 | 45.92              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -56.6           | 2.00         | 1.25                 | 41.85              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2485.650      | -56.77          | 2.00         | 1.25                 | 41.68              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -59.05          | 2.00         | 1.25                 | 39.40              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -47.68          | 2.00         | 0.00                 | 49.52              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2489.720      | -46.12          | 2.00         | 0.00                 | 51.08              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -49.53          | 2.00         | 0.00                 | 47.67              | ≤74               | PASS    |
| 11N20SI<br>SO | Ant1        | Low        | 2412               | AV       | 2310.000      | -59.74          | 2.00         | 1.06                 | 38.52              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2389.180      | -58.68          | 2.00         | 1.06                 | 39.58              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -59.12          | 2.00         | 1.06                 | 39.14              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -53.65          | 2.00         | 0.00                 | 43.55              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2349.270      | -49.14          | 2.00         | 0.00                 | 48.06              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -51.7           | 2.00         | 0.00                 | 45.50              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -55.65          | 2.00         | 1.06                 | 42.61              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2483.560      | -55.93          | 2.00         | 1.06                 | 42.33              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -58.29          | 2.00         | 1.06                 | 39.97              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -47.04          | 2.00         | 0.00                 | 50.16              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2489.390      | -46.75          | 2.00         | 0.00                 | 50.45              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -51.77          | 2.00         | 0.00                 | 45.43              | ≤74               | PASS    |

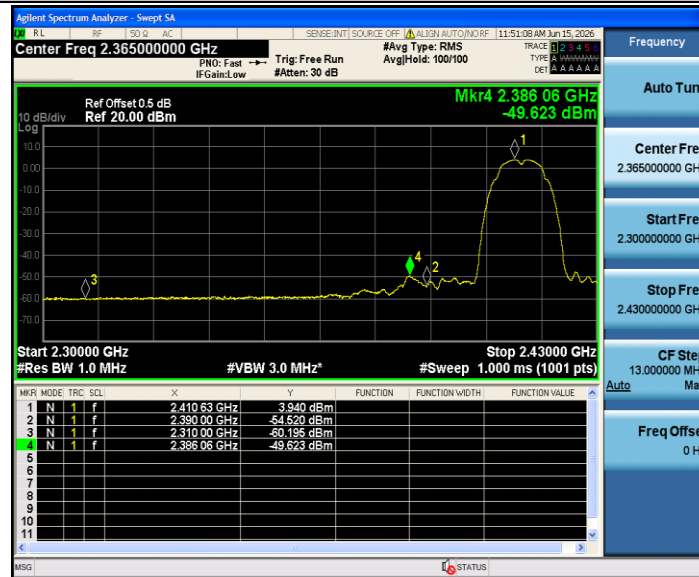
|               |      |      |      |      |          |        |      |      |       |     |      |
|---------------|------|------|------|------|----------|--------|------|------|-------|-----|------|
| 11N40SI<br>SO | Ant1 | Low  | 2422 | AV   | 2310.000 | -60.39 | 2.00 | 0.87 | 37.68 | ≤54 | PASS |
|               |      |      |      | AV   | 2389.550 | -55.9  | 2.00 | 0.87 | 42.17 | ≤54 | PASS |
|               |      |      |      | AV   | 2390.000 | -56.13 | 2.00 | 0.87 | 41.94 | ≤54 | PASS |
|               |      |      |      | Peak | 2310.000 | -50.47 | 2.00 | 0.00 | 46.73 | ≤74 | PASS |
|               |      |      |      | Peak | 2386.550 | -45.93 | 2.00 | 0.00 | 51.27 | ≤74 | PASS |
|               |      |      |      | Peak | 2390.000 | -47.72 | 2.00 | 0.00 | 49.48 | ≤74 | PASS |
|               |      | High | 2452 | AV   | 2483.500 | -56.64 | 2.00 | 1.06 | 41.62 | ≤54 | PASS |
|               |      |      |      | AV   | 2483.875 | -56.08 | 2.00 | 1.06 | 42.18 | ≤54 | PASS |
|               |      |      |      | AV   | 2500.000 | -58.4  | 2.00 | 1.06 | 39.86 | ≤54 | PASS |
|               |      |      |      | Peak | 2483.500 | -45.85 | 2.00 | 0.00 | 51.35 | ≤74 | PASS |
|               |      |      |      | Peak | 2485.125 | -46.28 | 2.00 | 0.00 | 50.92 | ≤74 | PASS |
|               |      |      |      | Peak | 2500.000 | -48.63 | 2.00 | 0.00 | 48.57 | ≤74 | PASS |

Note:

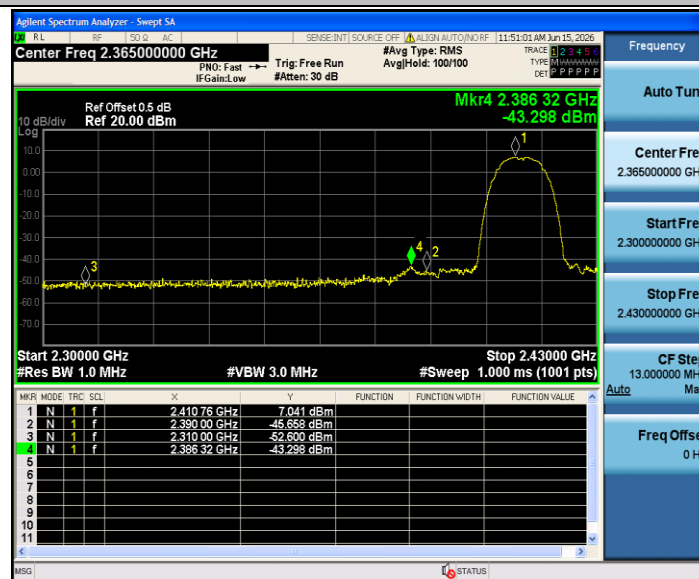
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

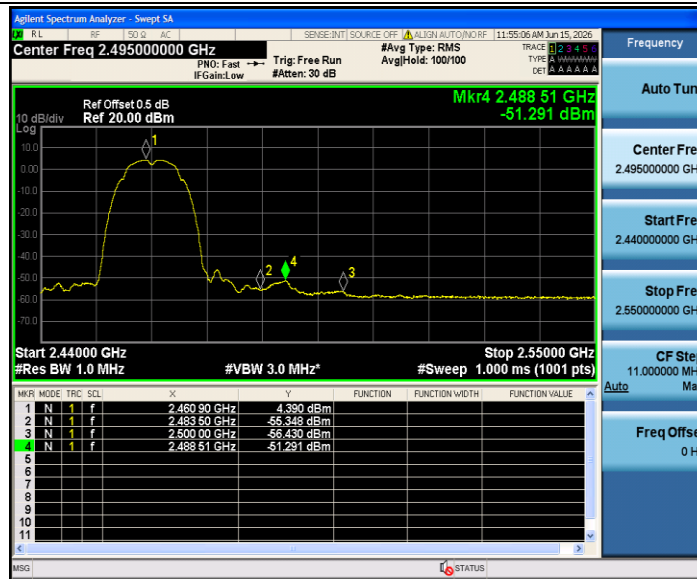
11B\_Ant1\_Low\_2412\_AV



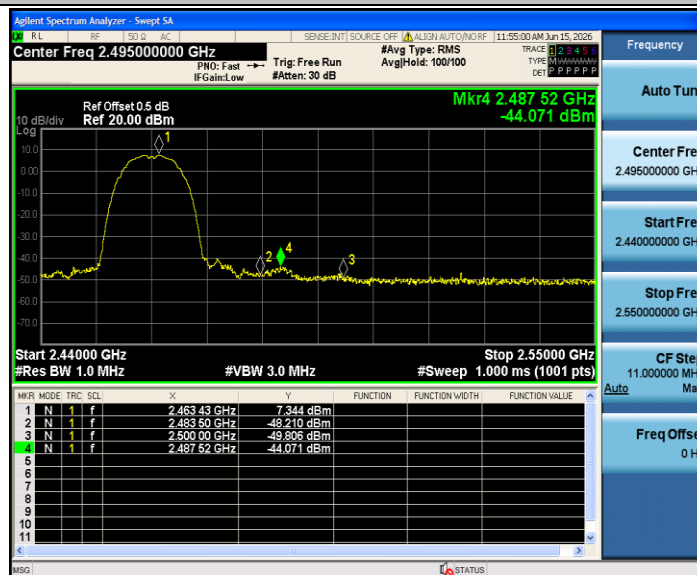
11B\_Ant1\_Low\_2412\_Peak



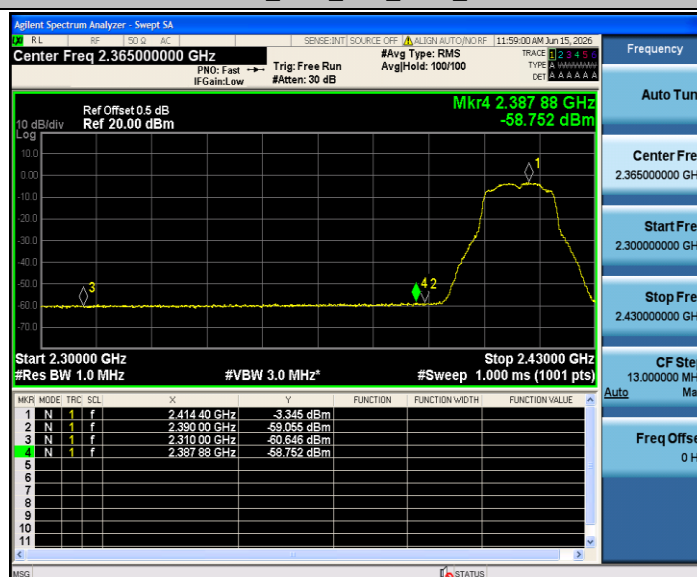
11B\_Ant1\_High\_2462\_AV



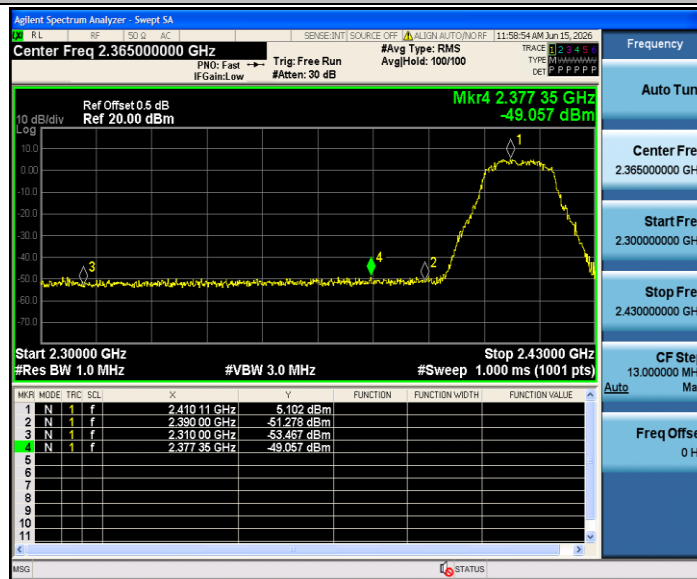
11B\_Ant1\_High\_2462\_Peak



11G\_Ant1\_Low\_2412\_AV



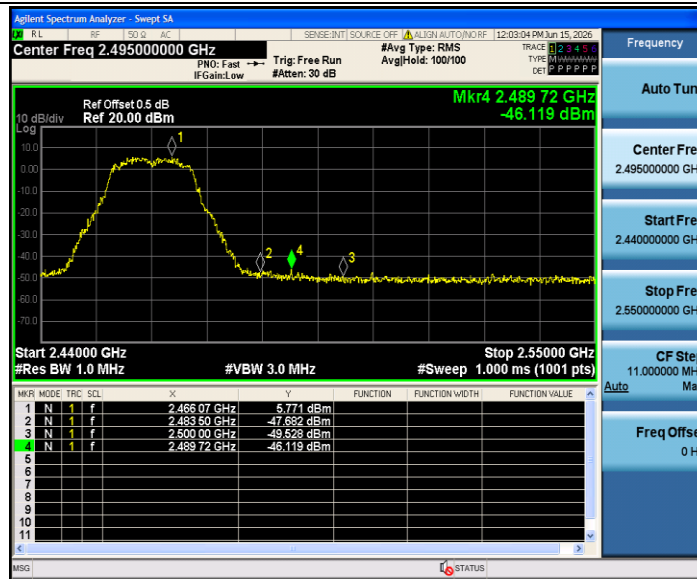
# 11G\_Ant1\_Low\_2412\_Peak



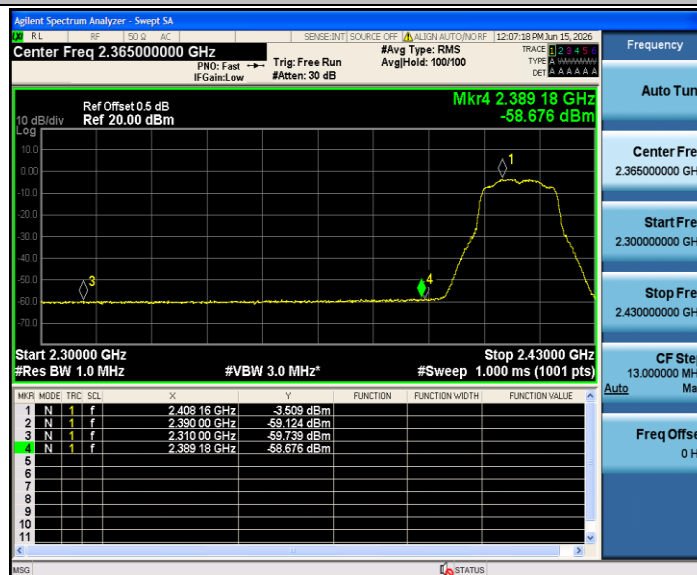
# 11G\_Ant1\_High\_2462\_AV



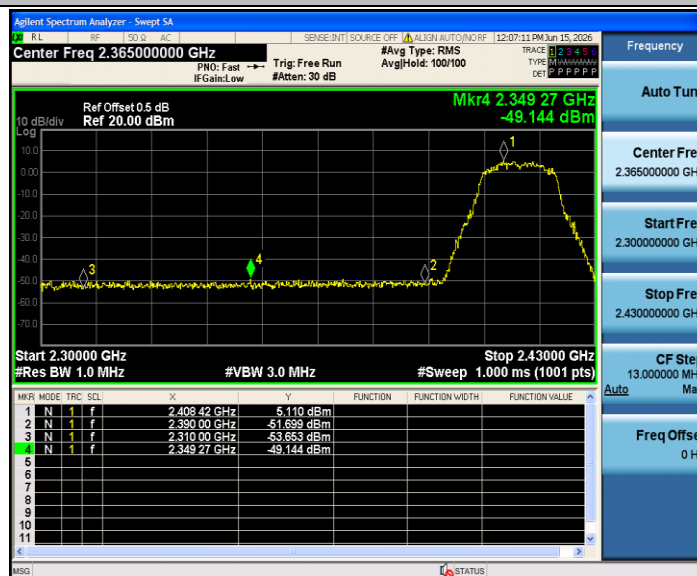
# 11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV



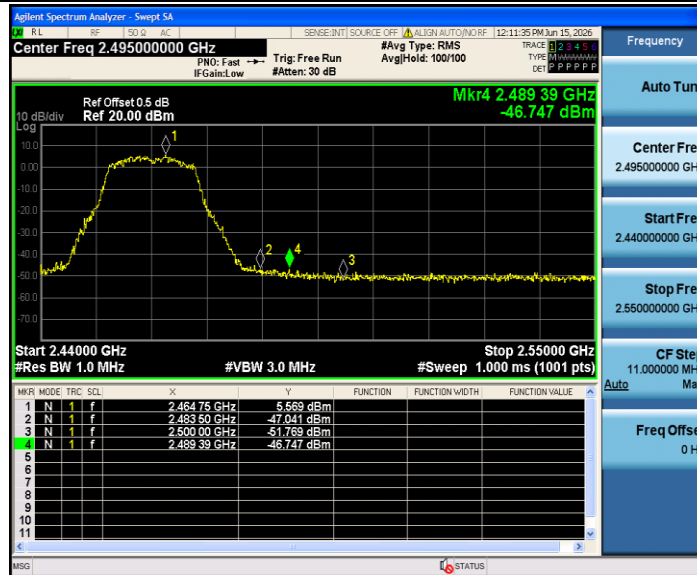
11N20SISO\_Ant1\_Low\_2412\_Peak



# 11N20SISO\_Ant1\_High\_2462\_AV



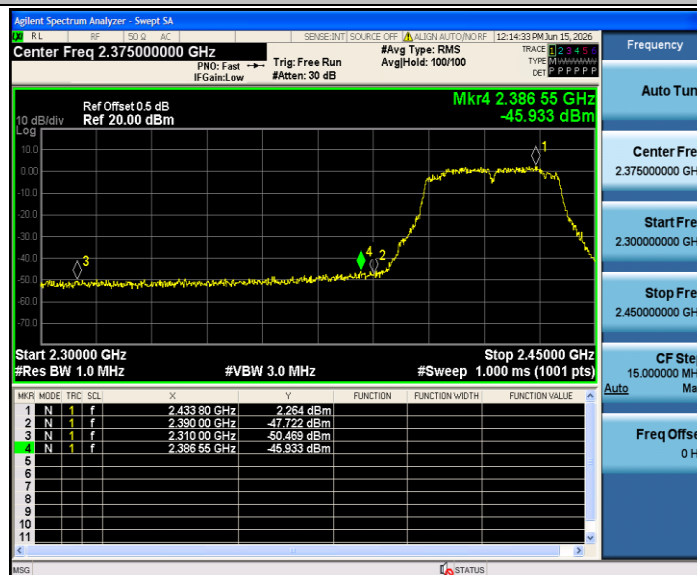
# 11N20SISO\_Ant1\_High\_2462\_Peak



# 11N40SISO\_Ant1\_Low\_2422\_AV



11N40SISO\_Ant1\_Low\_2422\_Peak



11N40SISO\_Ant1\_High\_2452\_AV



# 11N40SISO\_Ant1\_High\_2452\_Peak

