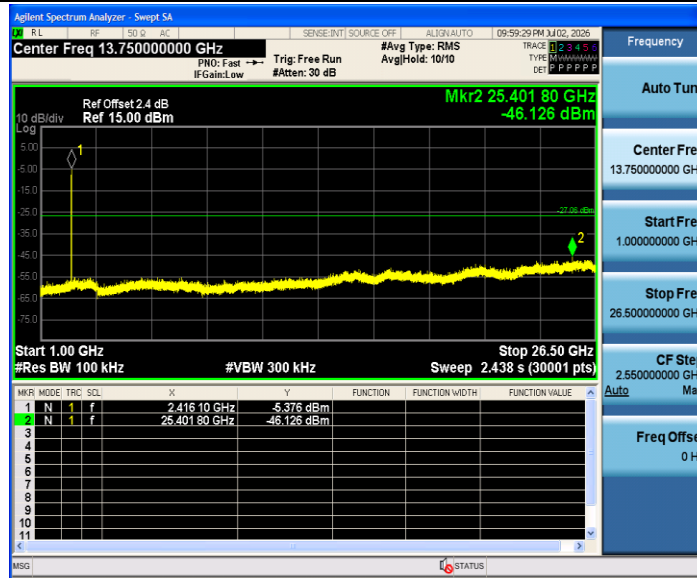


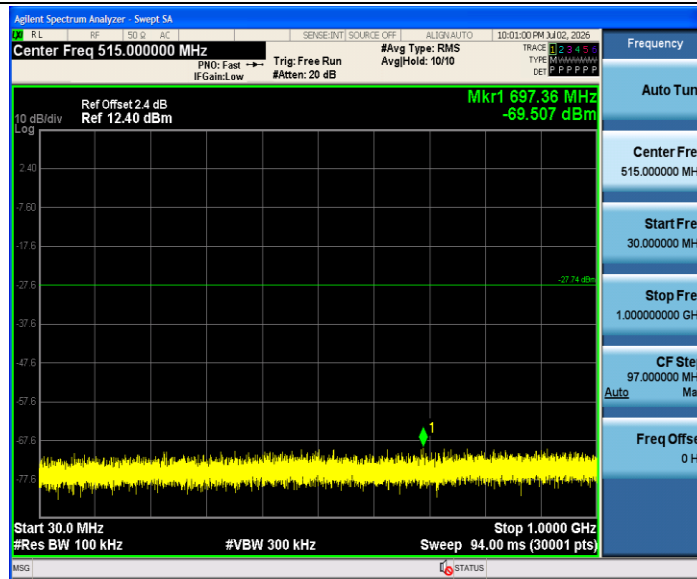
# 11N20SISO\_Ant1\_2412\_1000~26500



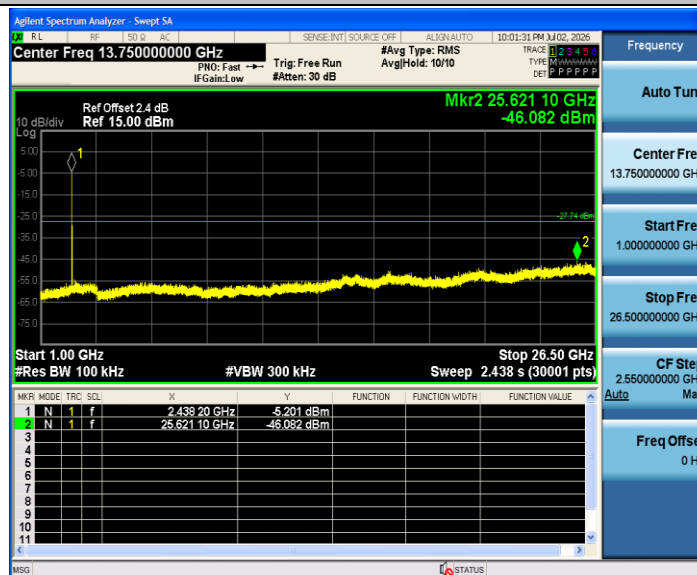
# 11N20SISO\_Ant1\_2437\_0~Reference



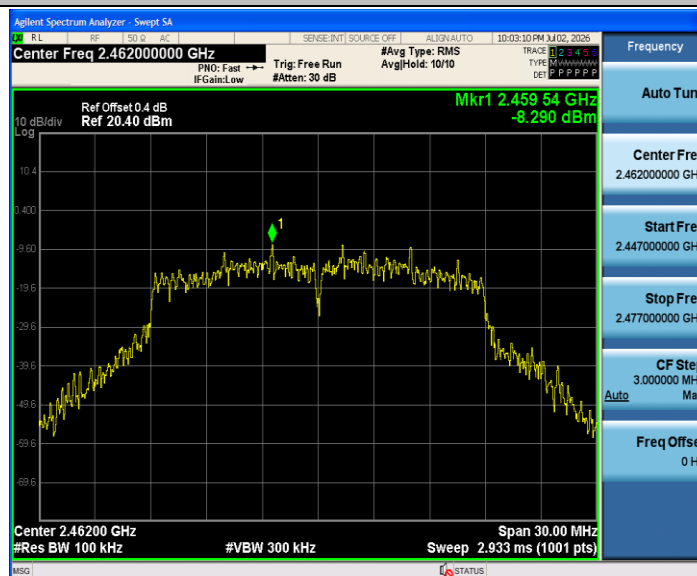
# 11N20SISO\_Ant1\_2437\_30~1000



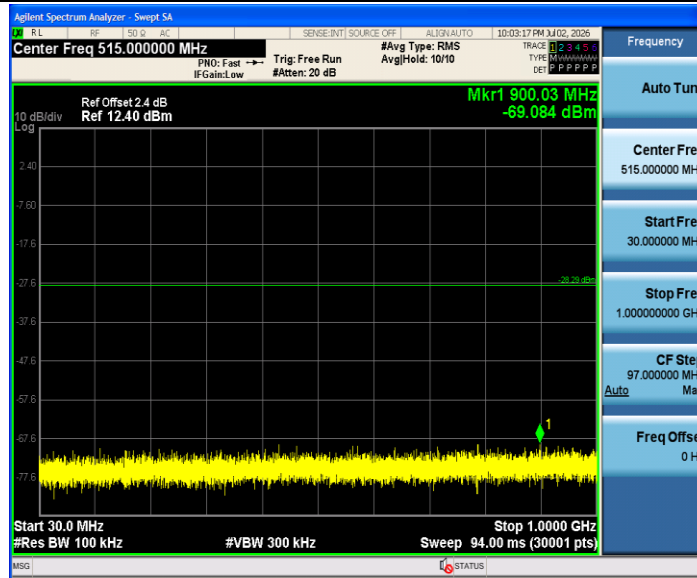
11N20SISO\_Ant1\_2437\_1000~26500



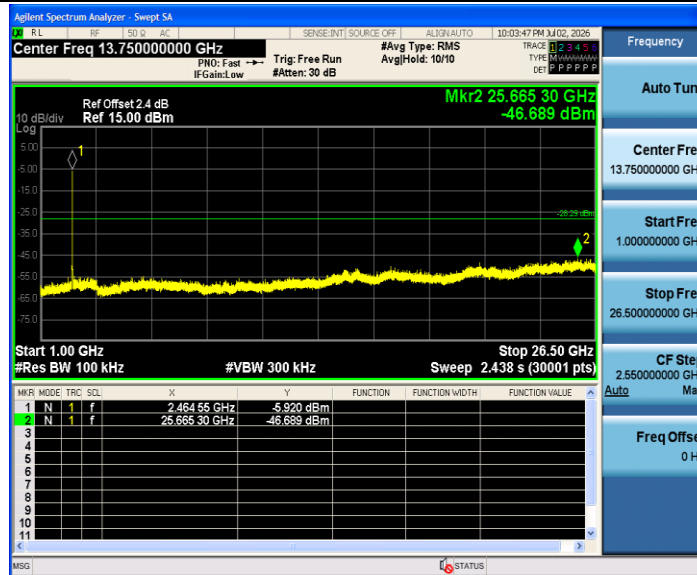
11N20SISO\_Ant1\_2462\_0~Reference



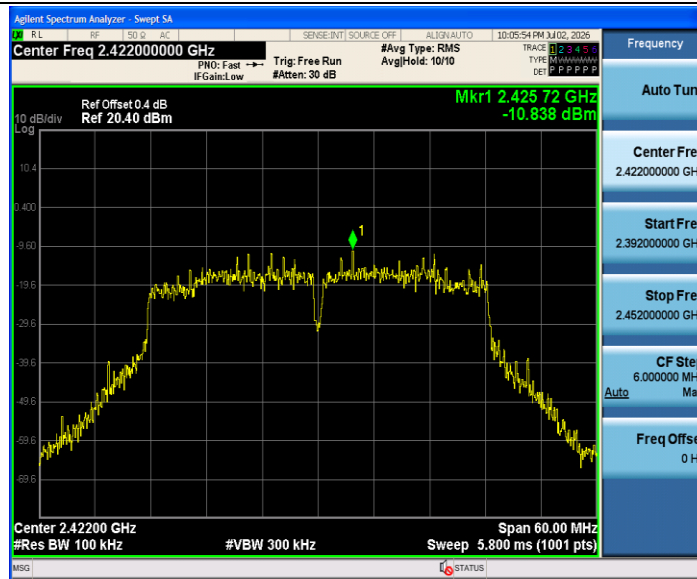
# 11N20SISO\_Ant1\_2462\_30~1000



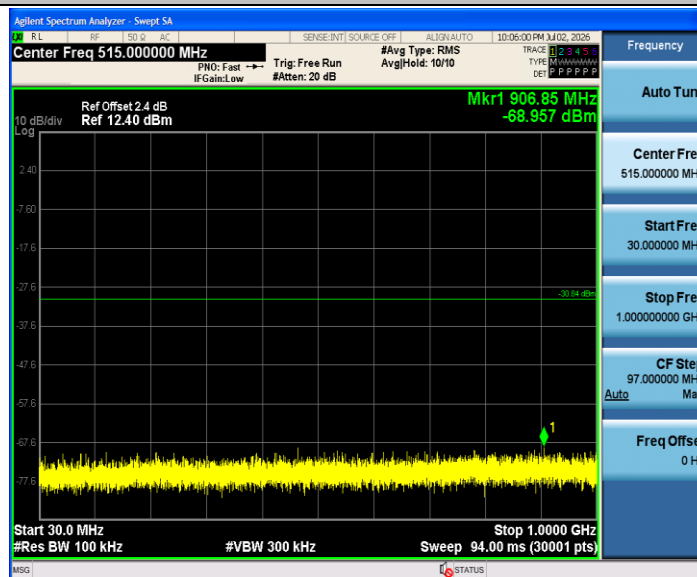
# 11N20SISO\_Ant1\_2462\_1000~26500



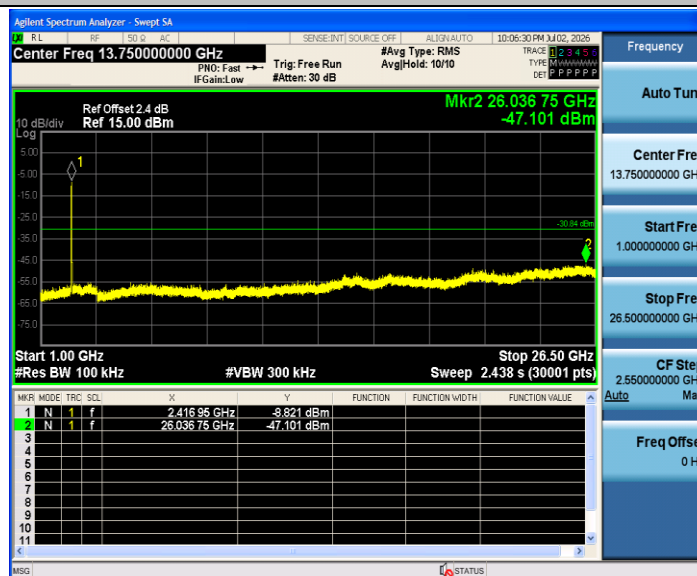
# 11N40SISO\_Ant1\_2422\_0~Reference



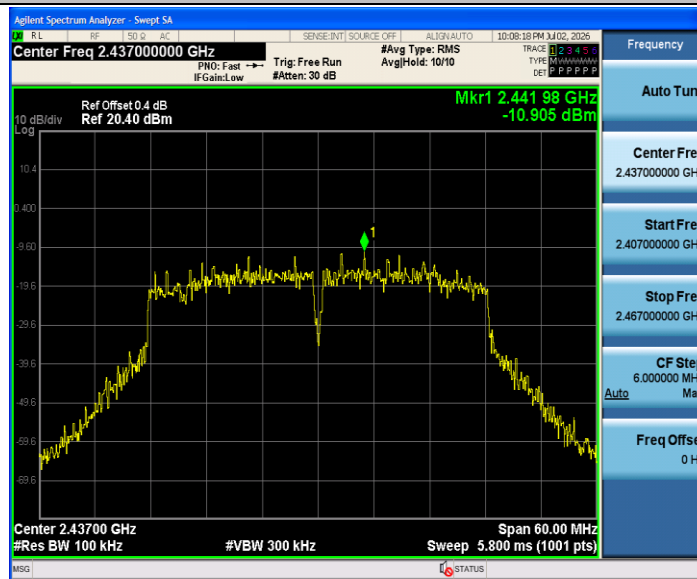
11N40SISO\_Ant1\_2422\_30~1000



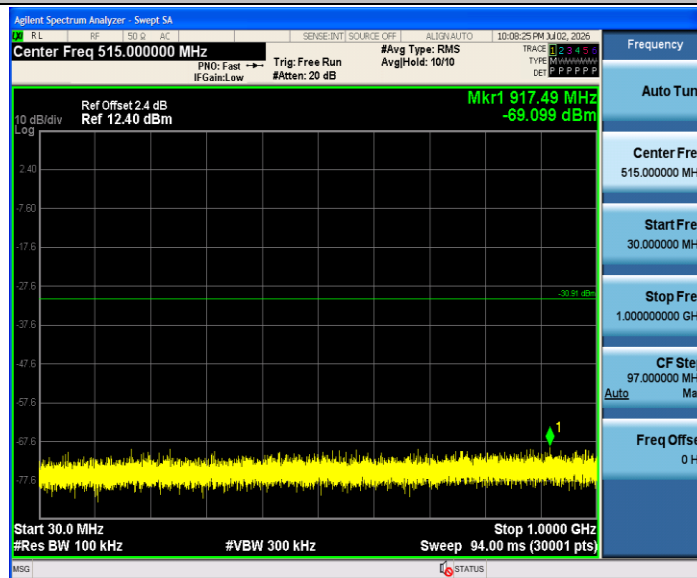
11N40SISO\_Ant1\_2422\_1000~26500



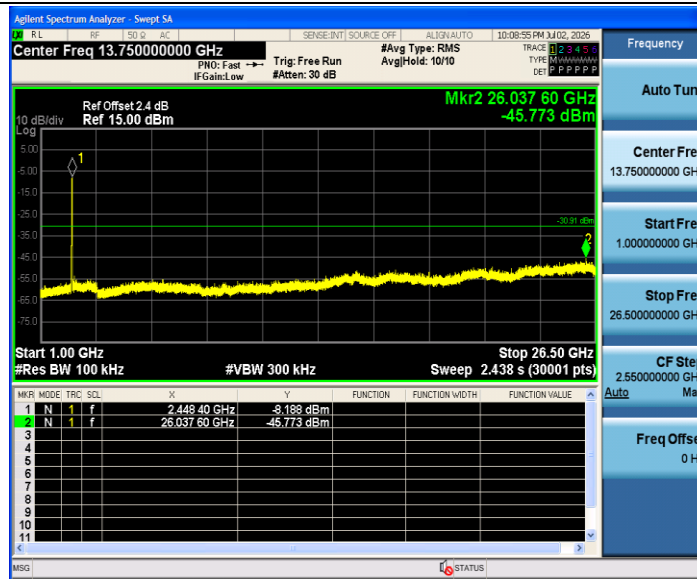
# 11N40SISO\_Ant1\_2437\_0~Reference



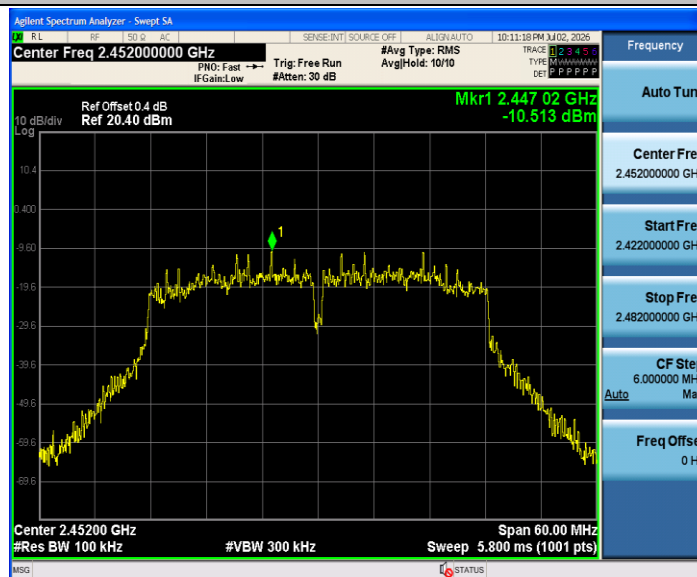
# 11N40SISO\_Ant1\_2437\_30~1000



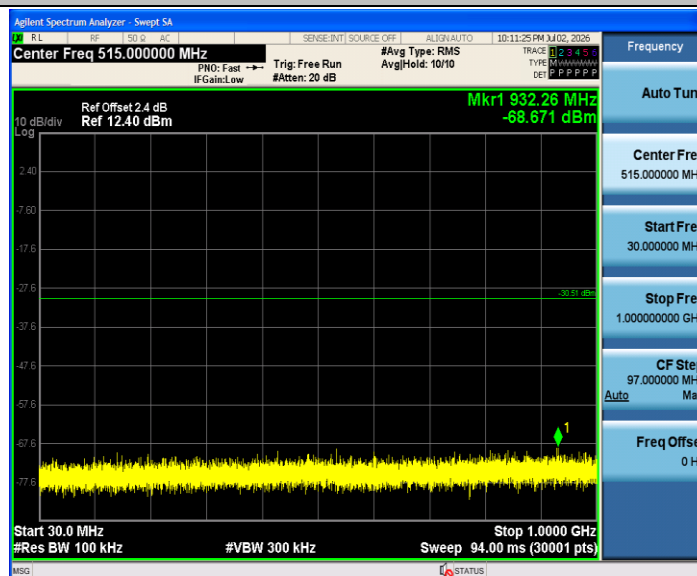
# 11N40SISO\_Ant1\_2437\_1000~26500



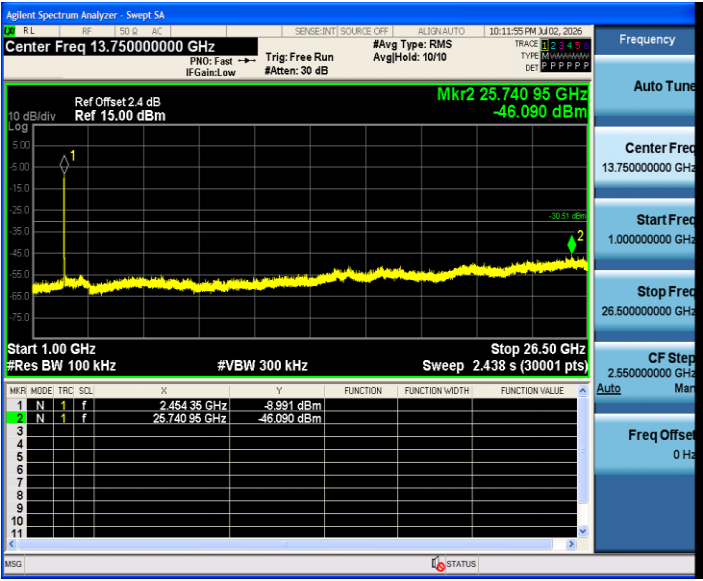
11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_30~1000



11N40SISO\_Ant1\_2452\_1000~26500



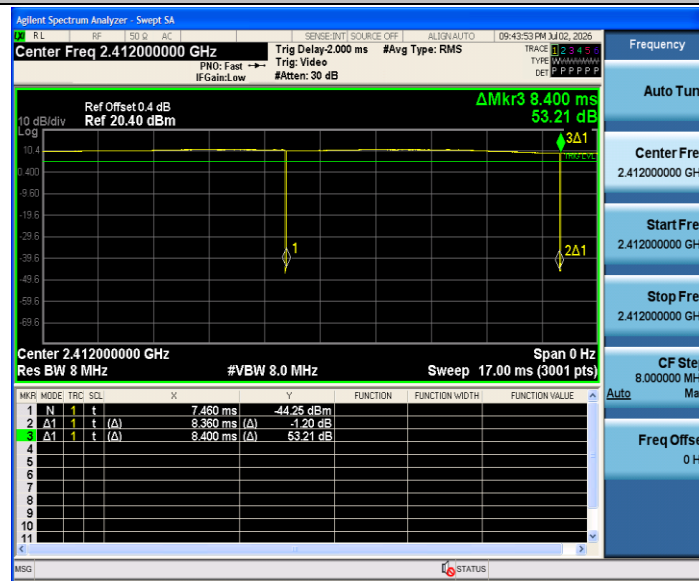
## Appendix G: Duty Cycle

### Test Result

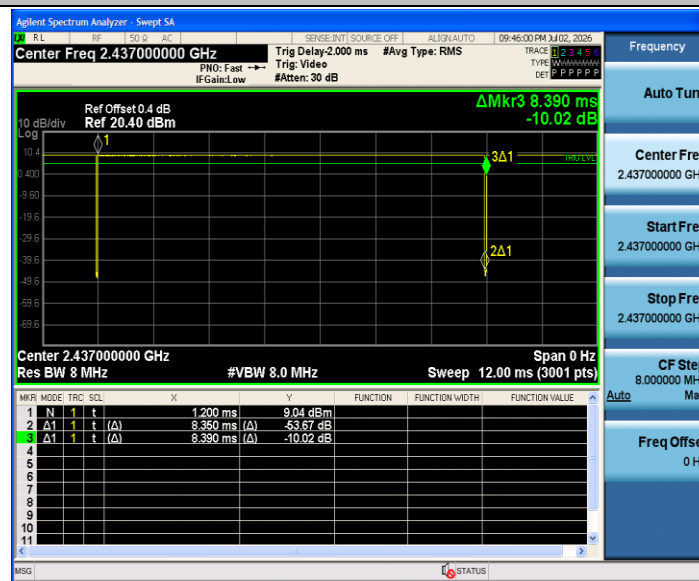
| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period [ms] | Duty<br>Cycle<br>[%] | DC Factor<br>[dB] | T Factor<br>[dB] |
|-----------|---------|----------------|----------------------------------|-----------------------------|----------------------|-------------------|------------------|
| 11B       | Ant1    | 2412           | 8.36                             | 8.40                        | 99.52                | 0.02              | 0.12             |
|           |         | 2437           | 8.35                             | 8.39                        | 99.52                | 0.02              | 0.12             |
|           |         | 2462           | 8.35                             | 8.40                        | 99.40                | 0.03              | 0.12             |
| 11G       | Ant1    | 2412           | 0.15                             | 0.19                        | 78.95                | 1.03              | 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           | 0.18                             | 0.23                        | 78.26                | 1.06              | 5.56             |
|           |         | 2437           | 0.17                             | 0.22                        | 77.27                | 1.12              | 5.88             |
|           |         | 2462           | 0.18                             | 0.23                        | 78.26                | 1.06              | 5.56             |
| 11N40SISO | Ant1    | 2422           | 0.18                             | 0.23                        | 78.26                | 1.06              | 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

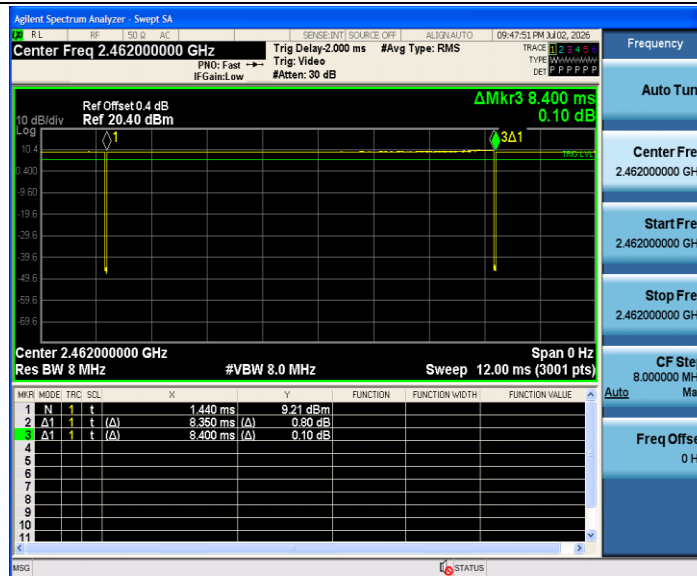
11B\_Ant1\_2412



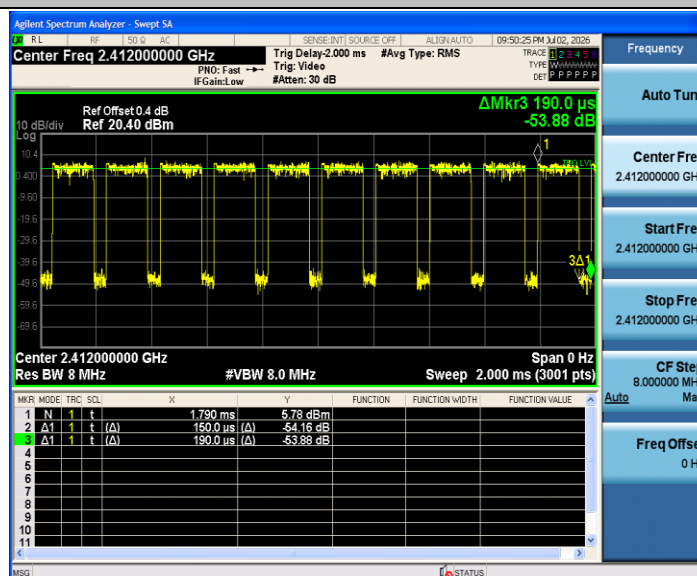
11B\_Ant1\_2437



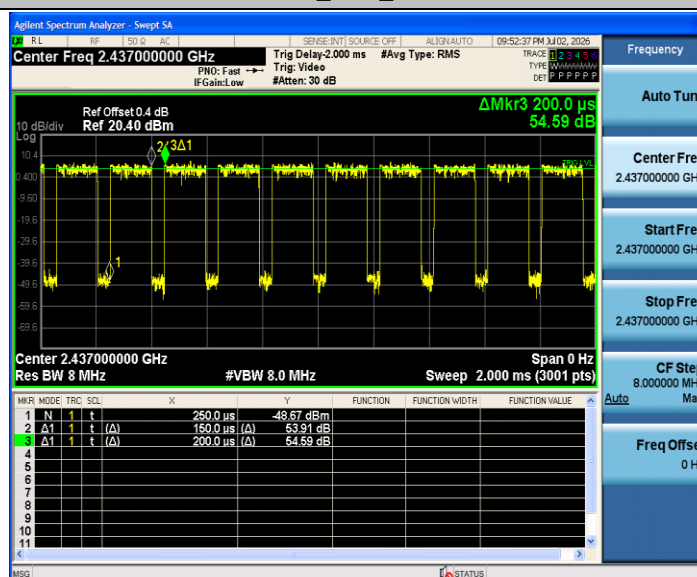
11B\_Ant1\_2462



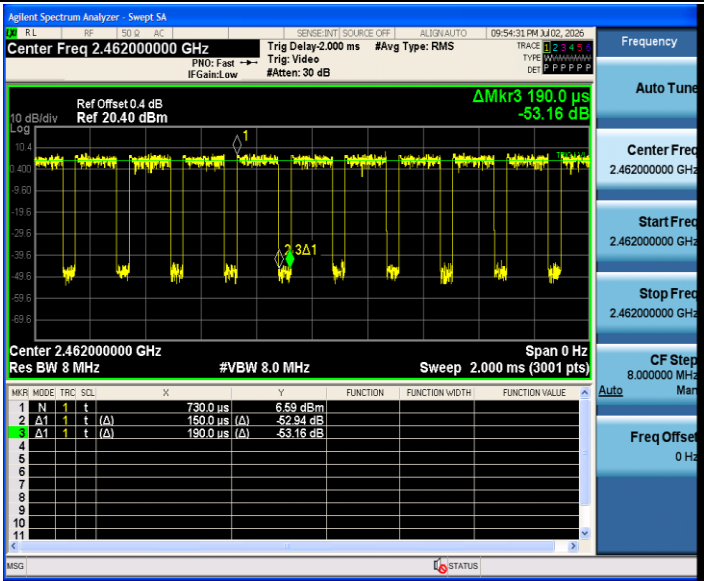
11G\_Ant1\_2412



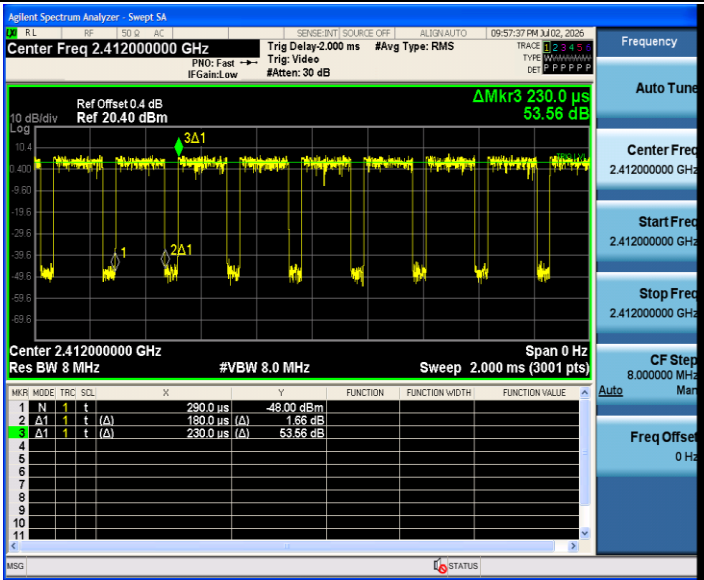
11G\_Ant1\_2437



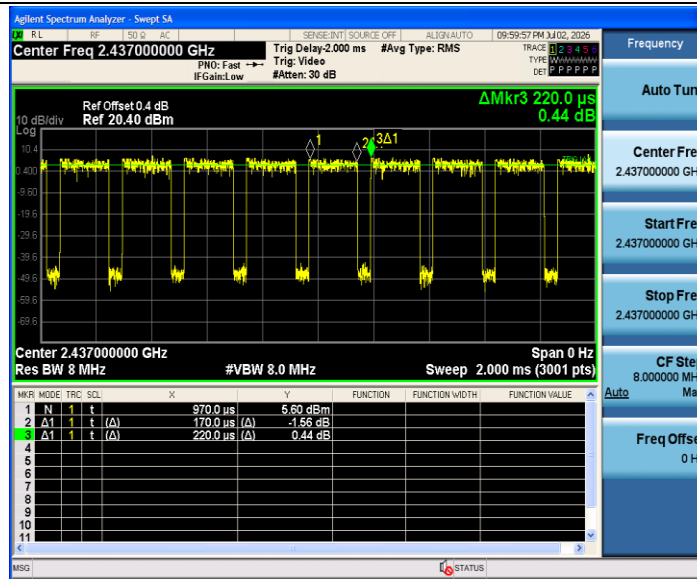
11G\_Ant1\_2462



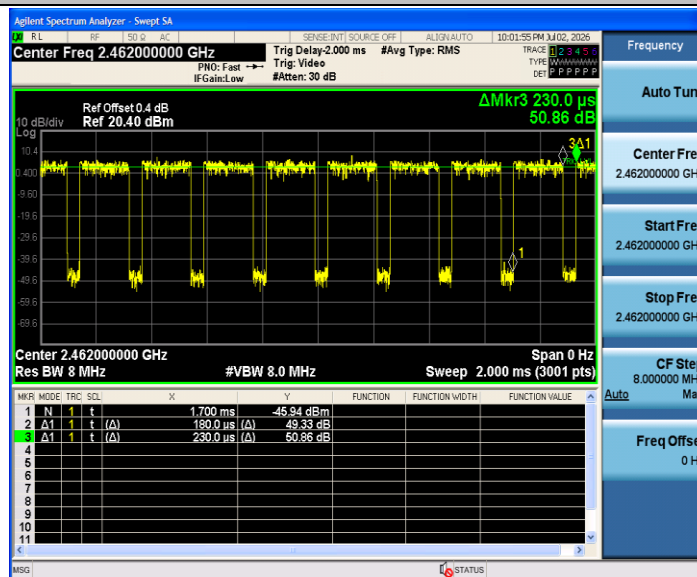
11N20SISO\_Ant1\_2412



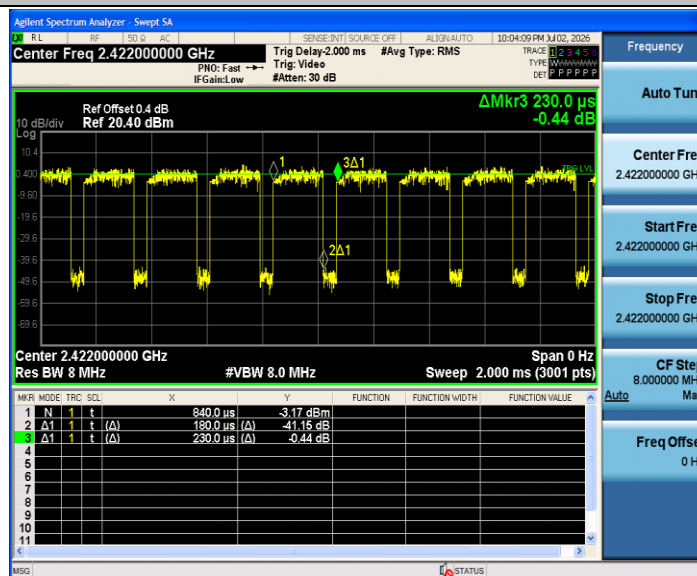
11N20SISO\_Ant1\_2437



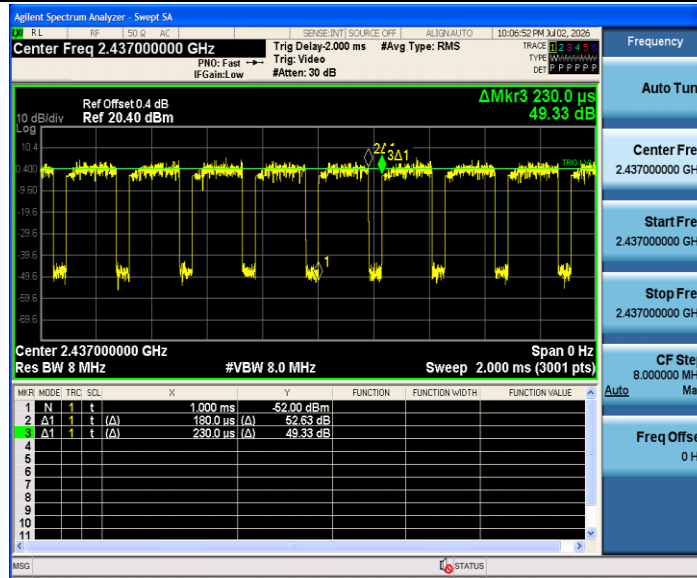
11N20SISO\_Ant1\_2462



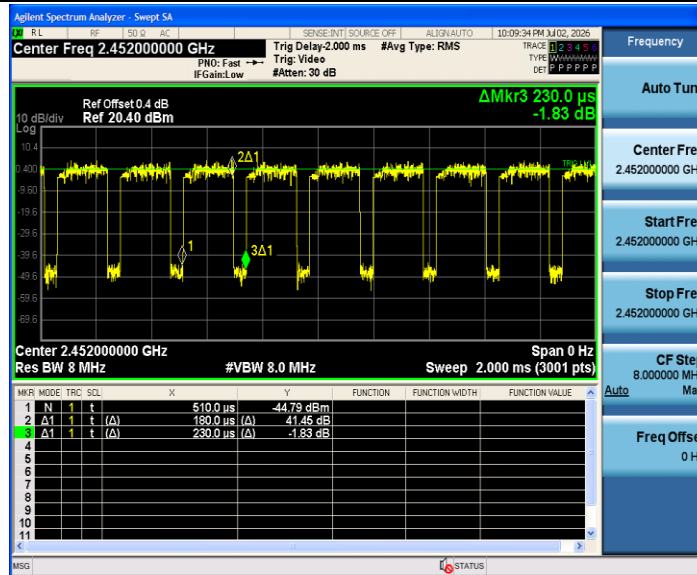
11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452



## Appendix H: Emissions in Restricted Bands

### Test Result

| TestMode      | Antenna | ChannelName | Frequency[MHz] | Detector | Freq [MHz] | Result [dBm] | Gain [dB] | DC Factor [dB] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|---------------|---------|-------------|----------------|----------|------------|--------------|-----------|----------------|-----------------|----------------|---------|
| 11B           | Ant1    | Low         | 2412           | AV       | 2310.000   | -60.44       | 3.8       | 0.02           | 38.58           | ≤54            | PASS    |
|               |         |             |                | AV       | 2387.360   | -58.26       | 3.8       | 0.02           | 40.76           | ≤54            | PASS    |
|               |         |             |                | AV       | 2390.000   | -59.72       | 3.8       | 0.02           | 39.3            | ≤54            | PASS    |
|               |         |             |                | Peak     | 2310.000   | -52.72       | 3.8       | 0.00           | 46.28           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2378.130   | -49.07       | 3.8       | 0.00           | 49.93           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2390.000   | -51.71       | 3.8       | 0.00           | 47.29           | ≤74            | PASS    |
|               |         | High        | 2462           | AV       | 2483.500   | -59.33       | 3.8       | 0.03           | 39.7            | ≤54            | PASS    |
|               |         |             |                | AV       | 2490.160   | -58.55       | 3.8       | 0.03           | 40.48           | ≤54            | PASS    |
|               |         |             |                | AV       | 2500.000   | -59.29       | 3.8       | 0.03           | 39.74           | ≤54            | PASS    |
|               |         |             |                | Peak     | 2483.500   | -52.57       | 3.8       | 0.00           | 46.43           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2483.890   | -49.3        | 3.8       | 0.00           | 49.7            | ≤74            | PASS    |
|               |         |             |                | Peak     | 2500.000   | -52.51       | 3.8       | 0.00           | 46.49           | ≤74            | PASS    |
| 11G           | Ant1    | Low         | 2412           | AV       | 2310.000   | -60.62       | 3.8       | 1.03           | 39.41           | ≤54            | PASS    |
|               |         |             |                | AV       | 2387.490   | -59.2        | 3.8       | 1.03           | 40.83           | ≤54            | PASS    |
|               |         |             |                | AV       | 2390.000   | -59.48       | 3.8       | 1.03           | 40.55           | ≤54            | PASS    |
|               |         |             |                | Peak     | 2310.000   | -52.07       | 3.8       | 0.00           | 46.93           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2328.210   | -49.09       | 3.8       | 0.00           | 49.91           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2390.000   | -51.76       | 3.8       | 0.00           | 47.24           | ≤74            | PASS    |
|               |         | High        | 2462           | AV       | 2483.500   | -59.69       | 3.8       | 1.03           | 40.34           | ≤54            | PASS    |
|               |         |             |                | AV       | 2484.000   | -58.7        | 3.8       | 1.03           | 41.33           | ≤54            | PASS    |
|               |         |             |                | AV       | 2500.000   | -59.63       | 3.8       | 1.03           | 40.4            | ≤54            | PASS    |
|               |         |             |                | Peak     | 2483.500   | -52.15       | 3.8       | 0.00           | 46.85           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2498.520   | -49.34       | 3.8       | 0.00           | 49.66           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2500.000   | -52.37       | 3.8       | 0.00           | 46.63           | ≤74            | PASS    |
| 11N20SI<br>SO | Ant1    | Low         | 2412           | AV       | 2310.000   | -60.51       | 3.8       | 1.06           | 39.55           | ≤54            | PASS    |
|               |         |             |                | AV       | 2388.400   | -59.11       | 3.8       | 1.06           | 40.95           | ≤54            | PASS    |
|               |         |             |                | AV       | 2390.000   | -59.28       | 3.8       | 1.06           | 40.78           | ≤54            | PASS    |
|               |         |             |                | Peak     | 2310.000   | -51.48       | 3.8       | 0.00           | 47.52           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2388.010   | -48.95       | 3.8       | 0.00           | 50.05           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2390.000   | -52.24       | 3.8       | 0.00           | 46.76           | ≤74            | PASS    |
|               |         | High        | 2462           | AV       | 2483.500   | -59.47       | 3.8       | 1.06           | 40.59           | ≤54            | PASS    |
|               |         |             |                | AV       | 2487.960   | -58.79       | 3.8       | 1.06           | 41.27           | ≤54            | PASS    |
|               |         |             |                | AV       | 2500.000   | -59.31       | 3.8       | 1.06           | 40.75           | ≤54            | PASS    |
|               |         |             |                | Peak     | 2483.500   | -51.85       | 3.8       | 0.00           | 47.15           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2485.320   | -48.63       | 3.8       | 0.00           | 50.37           | ≤74            | PASS    |
|               |         |             |                | Peak     | 2500.000   | -50.14       | 3.8       | 0.00           | 48.86           | ≤74            | PASS    |

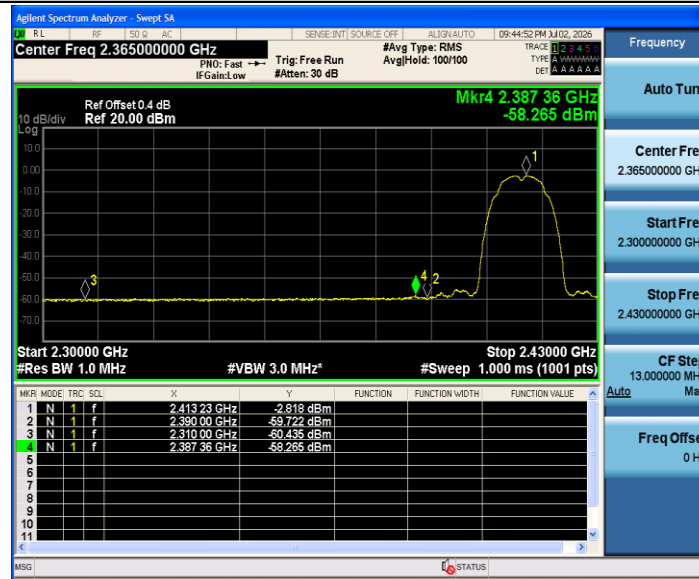
|               |      |      |      |      |          |        |     |      |       |     |      |
|---------------|------|------|------|------|----------|--------|-----|------|-------|-----|------|
| 11N40SI<br>SO | Ant1 | Low  | 2422 | AV   | 2310.000 | -60.95 | 3.8 | 1.06 | 39.11 | ≤54 | PASS |
|               |      |      |      | AV   | 2385.950 | -58.83 | 3.8 | 1.06 | 41.23 | ≤54 | PASS |
|               |      |      |      | AV   | 2390.000 | -60.08 | 3.8 | 1.06 | 39.98 | ≤54 | PASS |
|               |      |      |      | Peak | 2310.000 | -53.82 | 3.8 | 0.00 | 45.18 | ≤74 | PASS |
|               |      |      |      | Peak | 2384.000 | -49.00 | 3.8 | 0.00 | 50.00 | ≤74 | PASS |
|               |      |      |      | Peak | 2390.000 | -52.89 | 3.8 | 0.00 | 46.11 | ≤74 | PASS |
|               |      | High | 2452 | AV   | 2483.500 | -59.75 | 3.8 | 1.06 | 40.31 | ≤54 | PASS |
|               |      |      |      | AV   | 2484.000 | -58.78 | 3.8 | 1.06 | 41.28 | ≤54 | PASS |
|               |      |      |      | AV   | 2500.000 | -59.7  | 3.8 | 1.06 | 40.36 | ≤54 | PASS |
|               |      |      |      | Peak | 2483.500 | -51.84 | 3.8 | 0.00 | 47.16 | ≤74 | PASS |
|               |      |      |      | Peak | 2485.875 | -48.33 | 3.8 | 0.00 | 50.67 | ≤74 | PASS |
|               |      |      |      | Peak | 2500.000 | -51.89 | 3.8 | 0.00 | 47.11 | ≤74 | PASS |

Note:

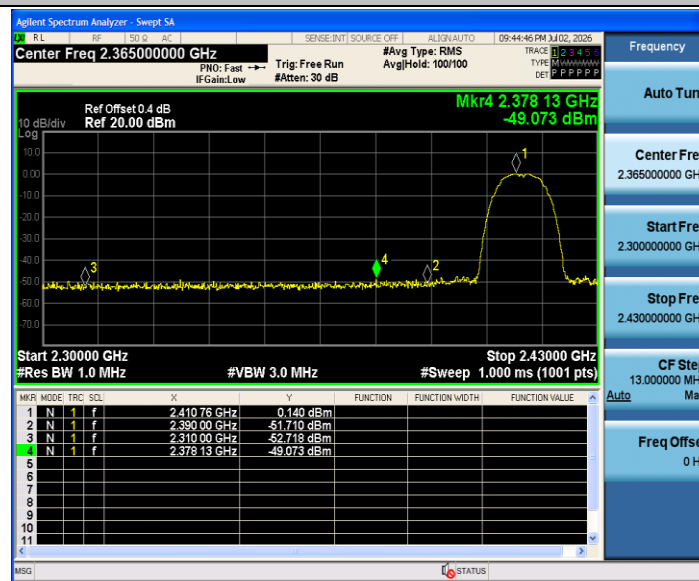
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

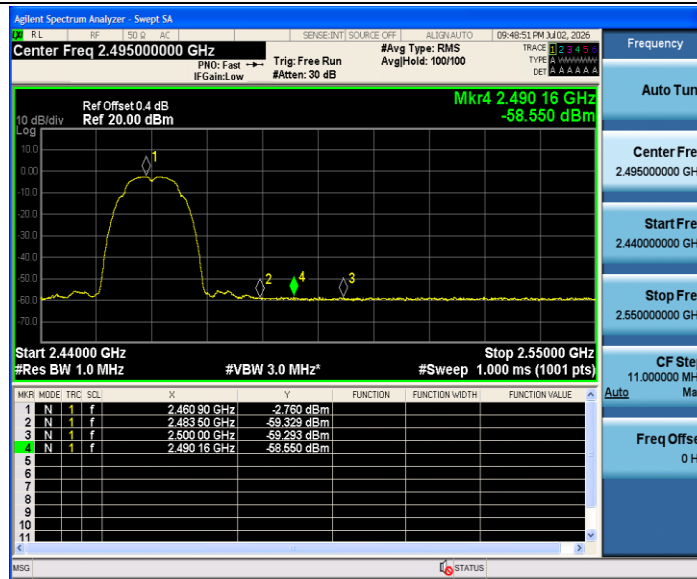
11B\_Ant1\_Low\_2412\_AV



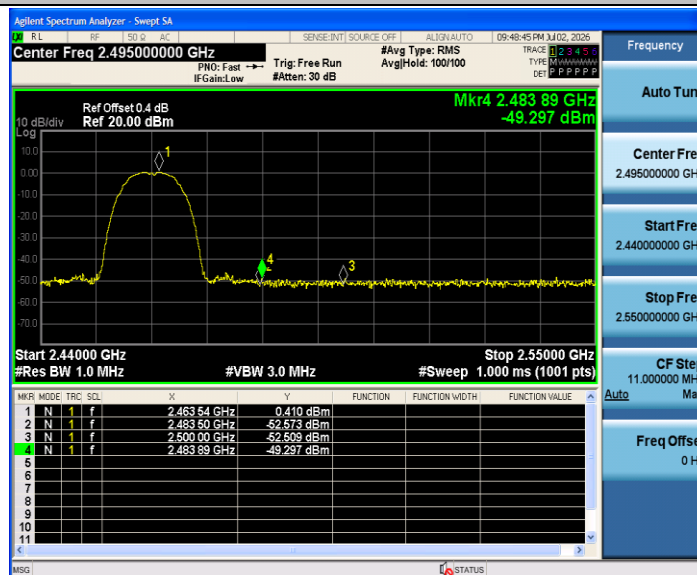
11B\_Ant1\_Low\_2412\_Peak



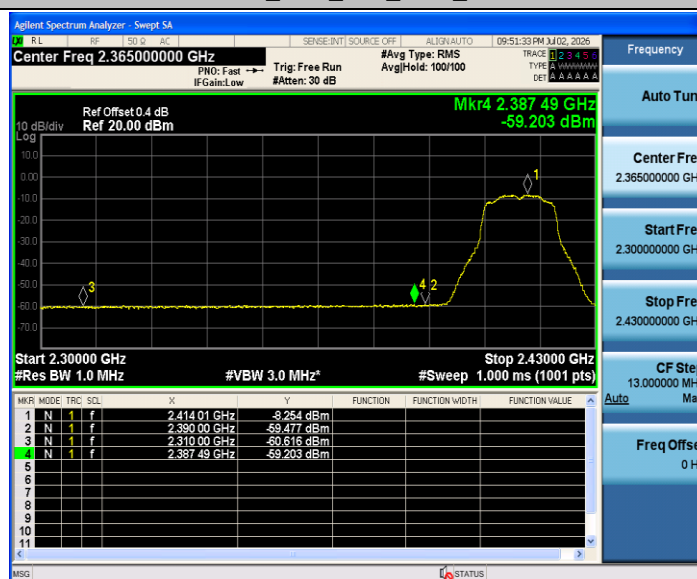
11B\_Ant1\_High\_2462\_AV



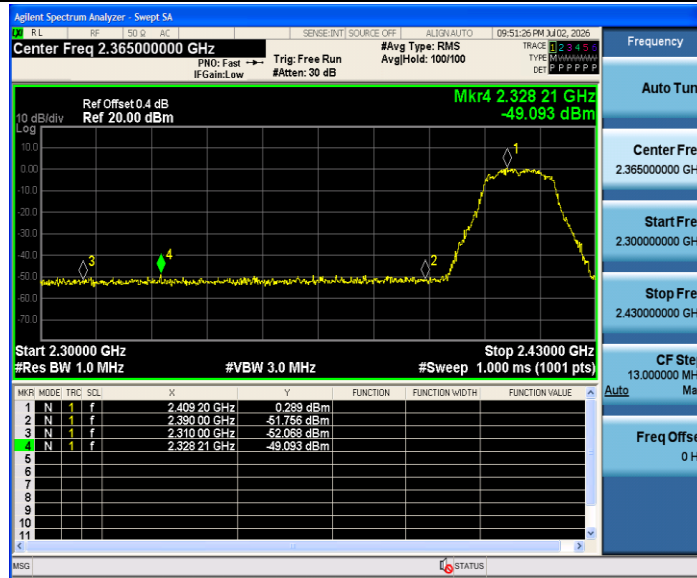
11B\_Ant1\_High\_2462\_Peak



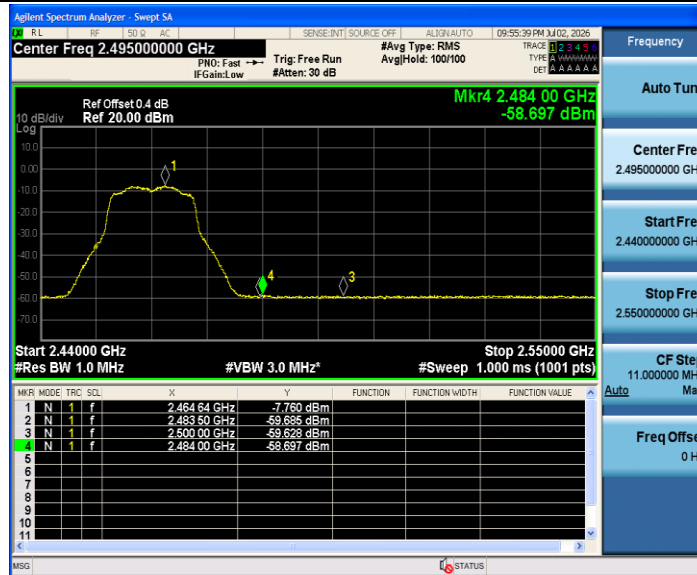
11G\_Ant1\_Low\_2412\_AV



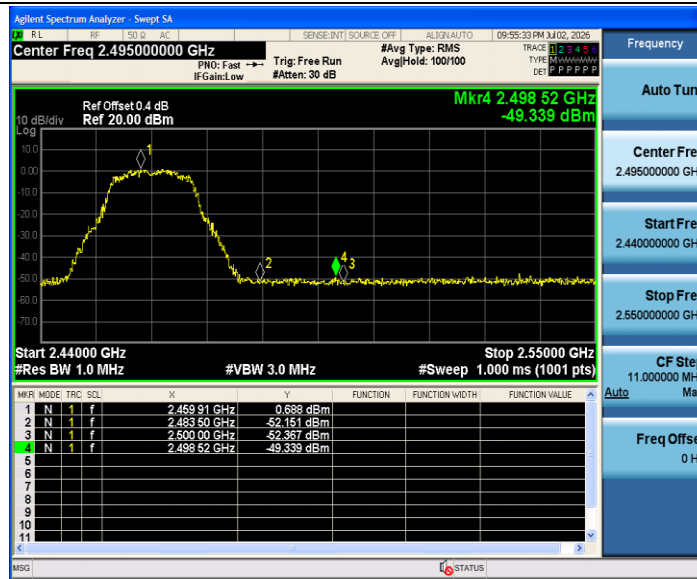
# 11G\_Ant1\_Low\_2412\_Peak



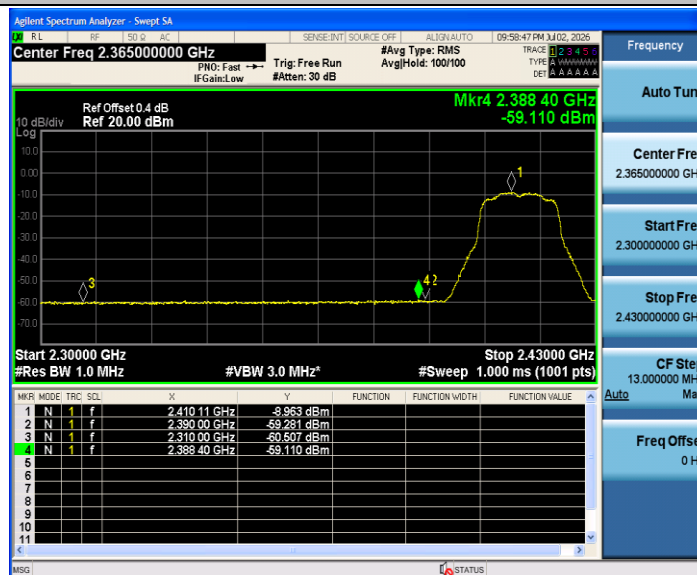
# 11G\_Ant1\_High\_2462\_AV



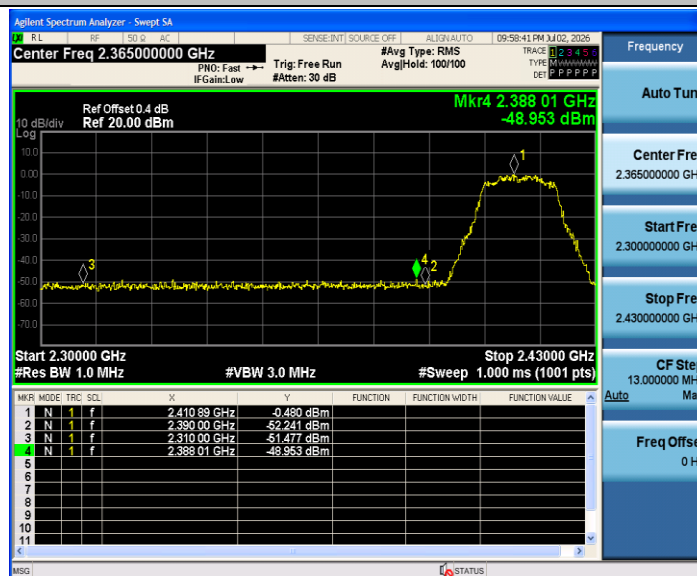
# 11G\_Ant1\_High\_2462\_Peak



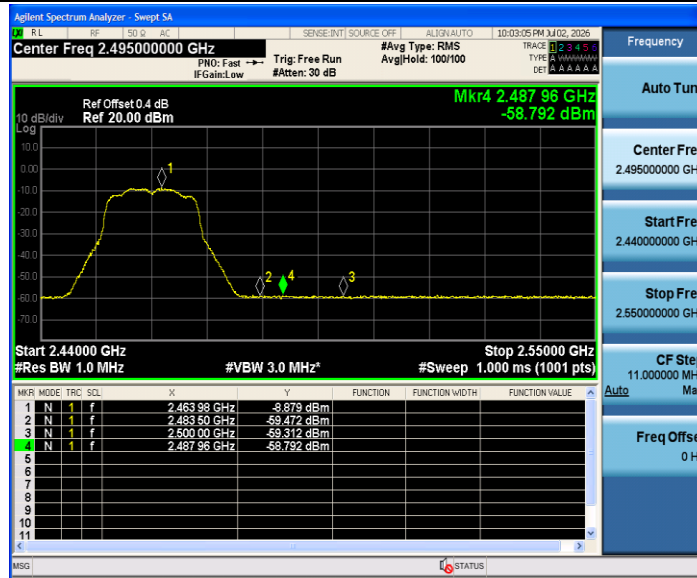
11N20SISO\_Ant1\_Low\_2412\_AV



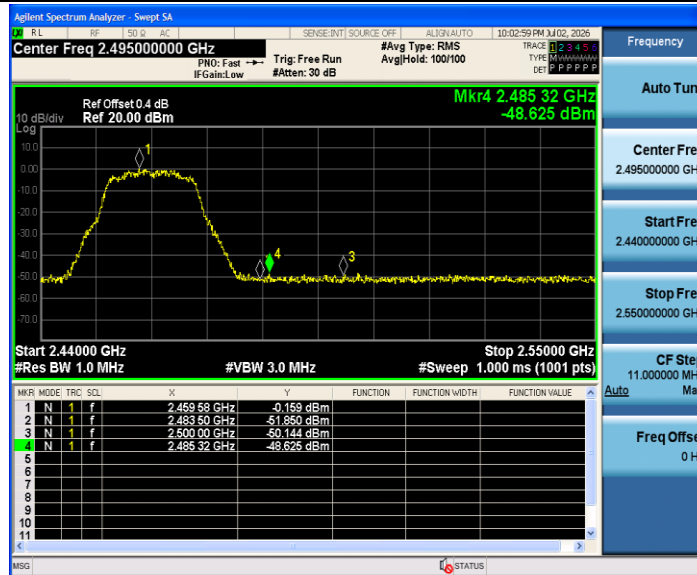
11N20SISO\_Ant1\_Low\_2412\_Peak



# 11N20SISO\_Ant1\_High\_2462\_AV



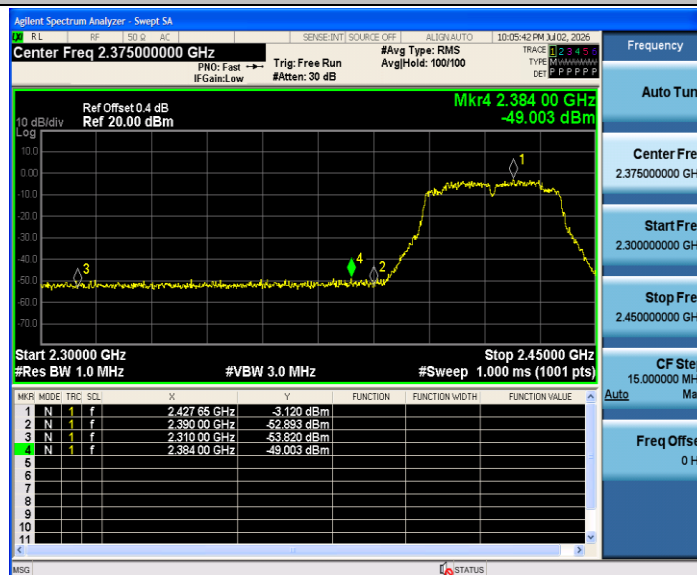
# 11N20SISO\_Ant1\_High\_2462\_Peak



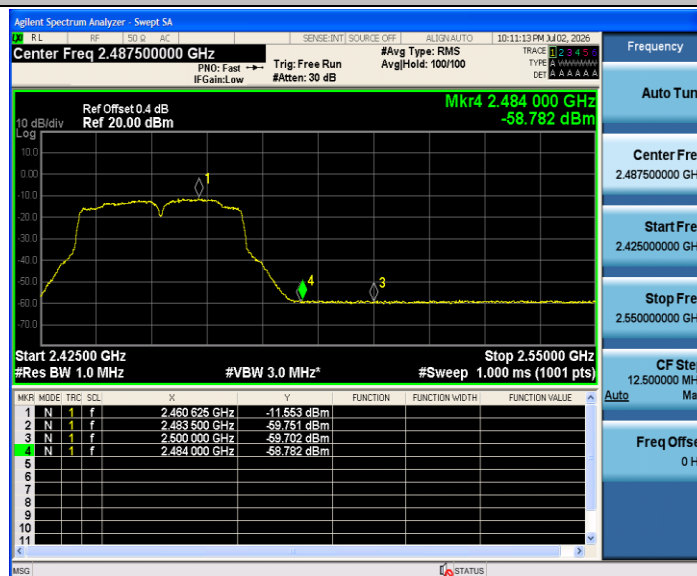
# 11N40SISO\_Ant1\_Low\_2422\_AV



11N40SISO\_Ant1\_Low\_2422\_Peak



11N40SISO\_Ant1\_High\_2452\_AV



# 11N40SISO\_Ant1\_High\_2452\_Peak

