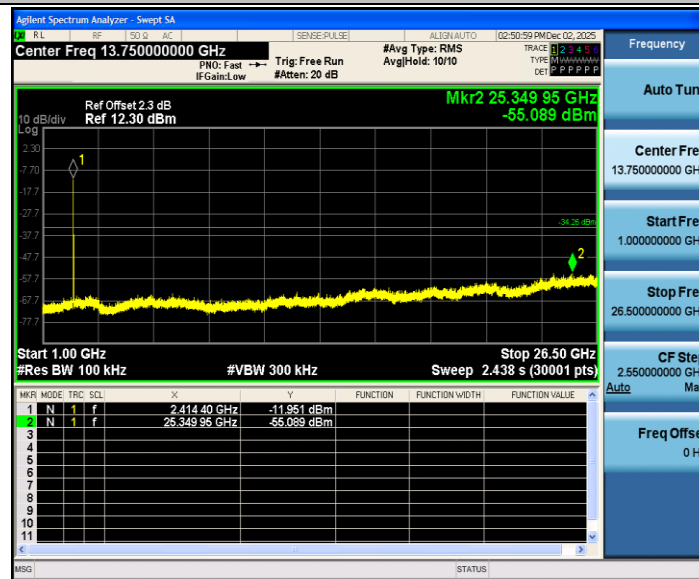


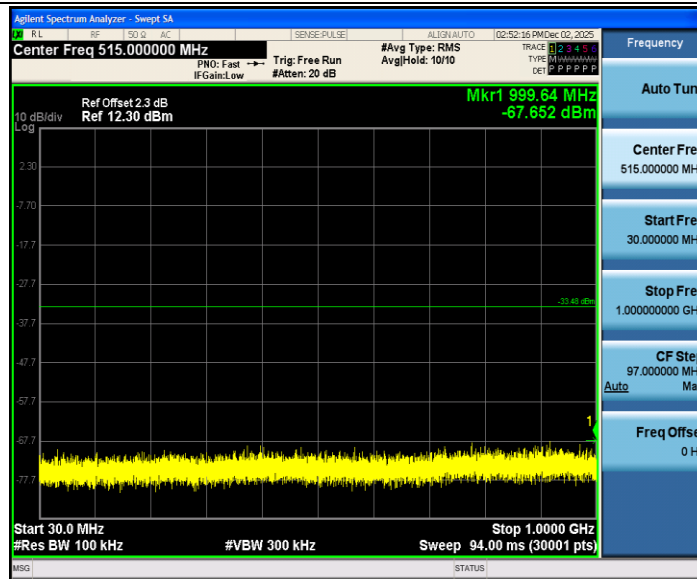
# 11N20SISO\_Ant1\_2412\_1000~26500



# 11N20SISO\_Ant1\_2437\_0~Reference



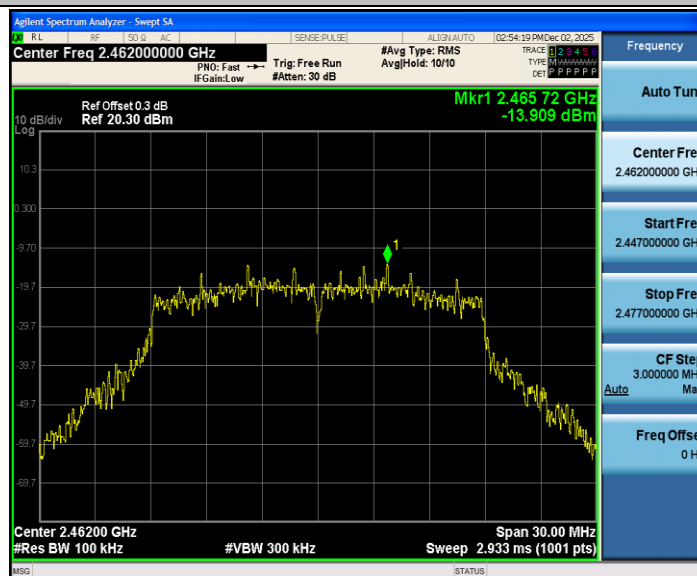
# 11N20SISO\_Ant1\_2437\_30~1000



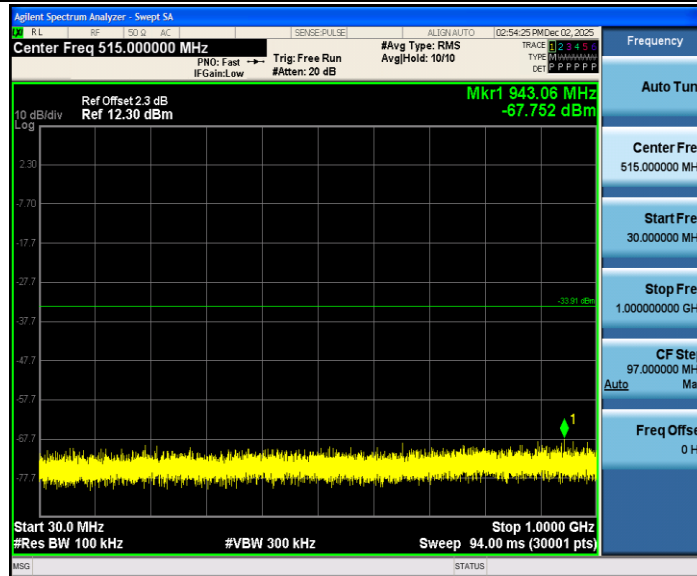
11N20SISO\_Ant1\_2437\_1000~26500



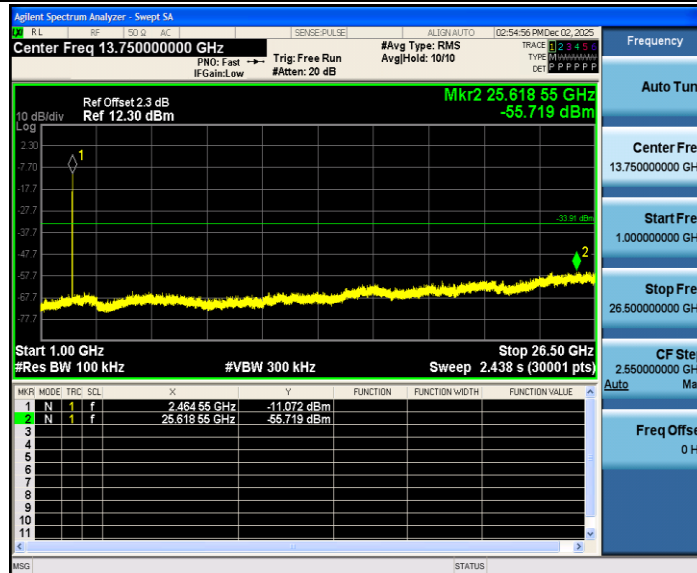
11N20SISO\_Ant1\_2462\_0~Reference



# 11N20SISO\_Ant1\_2462\_30~1000



# 11N20SISO\_Ant1\_2462\_1000~26500



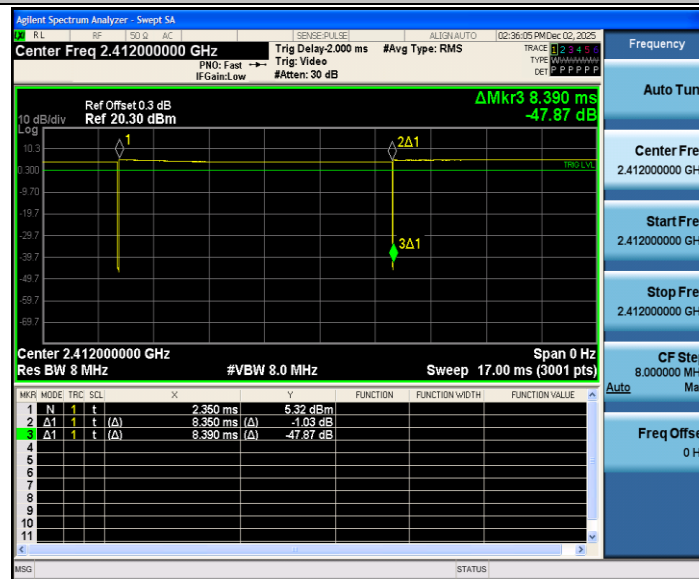
## Appendix G: Duty Cycle

### Test Result

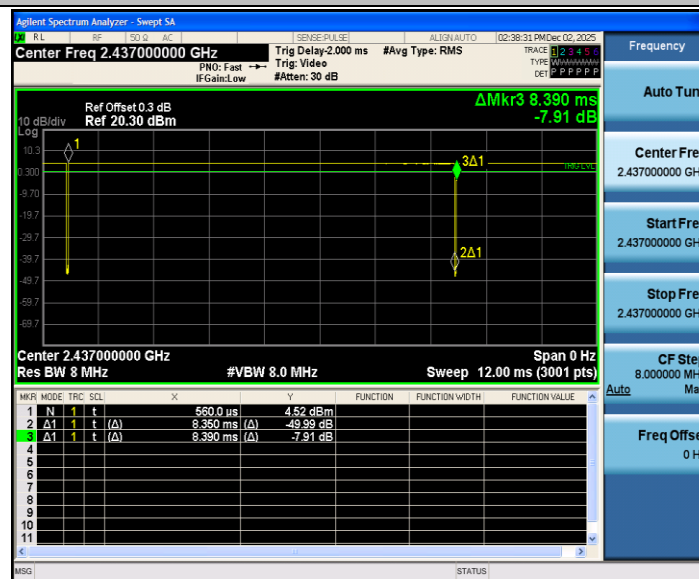
| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period [ms] | Duty<br>Cycle<br>[%] | DC Factor<br>[dB] | T Factor<br>[dB] |
|-----------|---------|----------------|----------------------------------|-----------------------------|----------------------|-------------------|------------------|
| 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           | 0.15                             | 0.20                        | 75.00                | 1.25              | 6.67             |
|           |         | 2437           | 0.15                             | 0.19                        | 78.95                | 1.03              | 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           | 0.18                             | 0.22                        | 81.82                | 0.87              | 5.56             |
|           |         | 2462           | 0.17                             | 0.22                        | 77.27                | 1.12              | 5.88             |

## Test Graphs

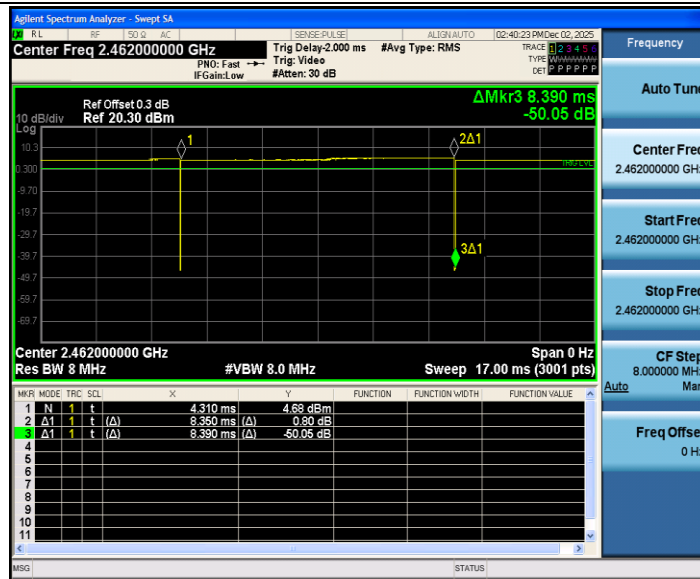
11B\_Ant1\_2412



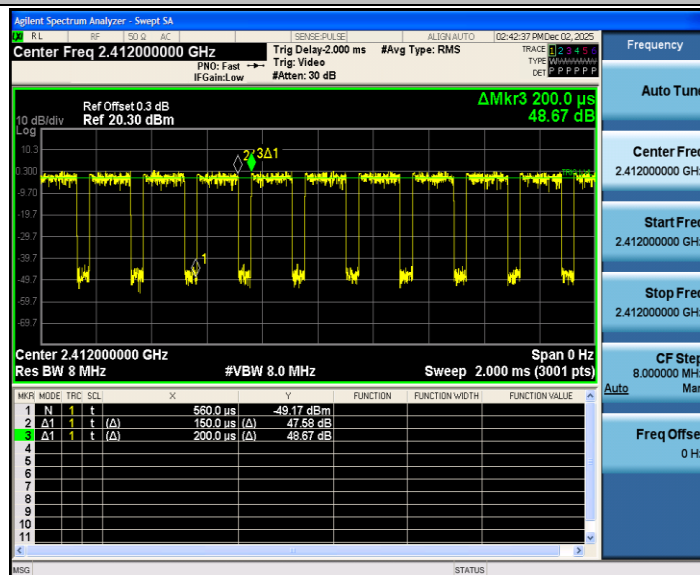
11B\_Ant1\_2437



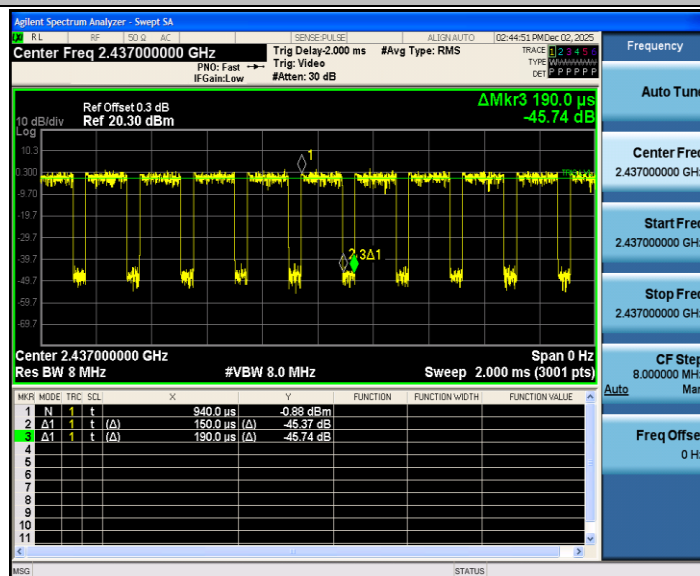
11B\_Ant1\_2462



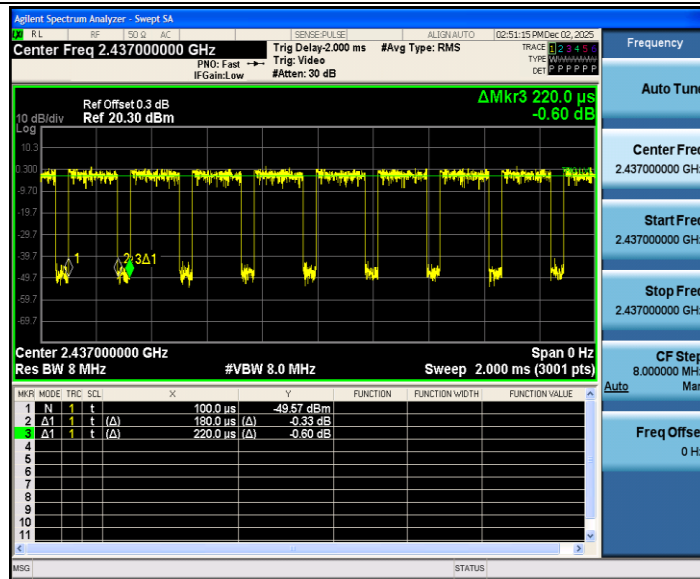
11G\_Ant1\_2412



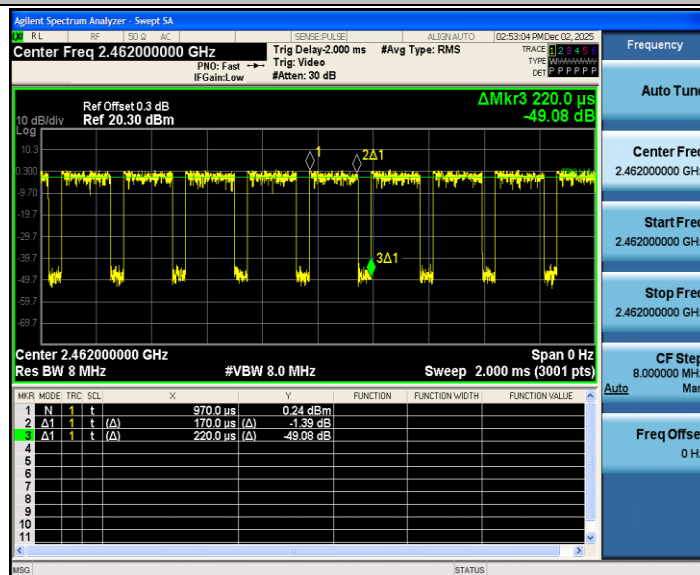
11G\_Ant1\_2437







11N20SISO\_Ant1\_2462



## Appendix H: Emissions in Restricted Bands

### Test Result

| TestMode | Antenna | Channel Name | Frequency [MHz] | Detector | Freq [MHz] | Result [dBm] | Gain [dB] | DC Factor [dB] | EIRP [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|----------|---------|--------------|-----------------|----------|------------|--------------|-----------|----------------|------------|-------------|-----------------|----------------|---------|
| 11B      | Ant1    | Low          | 2412            | AV       | 2310.000   | -60.56       | 2.00      | 0.02           | -58.54     | ≤-41.20     | 36.66           | ≤54            | PASS    |
|          |         |              |                 | AV       | 2368.770   | -59.1        | 2.00      | 0.02           | -57.08     | ≤-41.20     | 38.12           | ≤54            | PASS    |
|          |         |              |                 | AV       | 2390.000   | -59.83       | 2.00      | 0.02           | -57.81     | ≤-41.20     | 37.39           | ≤54            | PASS    |
|          |         |              |                 | Peak     | 2310.000   | -51.33       | 2.00      | 0.00           | -49.33     | ≤-21.20     | 45.87           | ≤74            | PASS    |
|          |         |              |                 | Peak     | 2378.910   | -47.47       | 2.00      | 0.00           | -45.47     | ≤-21.20     | 49.73           | ≤74            | PASS    |
|          |         |              |                 | Peak     | 2390.000   | -51.63       | 2.00      | 0.00           | -49.63     | ≤-21.20     | 45.57           | ≤74            | PASS    |
|          |         | High         | 2462            | AV       | 2483.500   | -59.65       | 2.00      | 0.02           | -57.63     | ≤-41.20     | 37.57           | ≤54            | PASS    |
|          |         |              |                 | AV       | 2492.690   | -58.98       | 2.00      | 0.02           | -56.96     | ≤-41.20     | 38.24           | ≤54            | PASS    |
|          |         |              |                 | AV       | 2500.000   | -59.78       | 2.00      | 0.02           | -57.76     | ≤-41.20     | 37.44           | ≤54            | PASS    |
|          |         |              |                 | Peak     | 2483.500   | -50.38       | 2.00      | 0.00           | -48.38     | ≤-21.20     | 46.82           | ≤74            | PASS    |
|          |         |              |                 | Peak     | 2485.760   | -49.29       | 2.00      | 0.00           | -47.29     | ≤-21.20     | 47.91           | ≤74            | PASS    |
|          |         |              |                 | Peak     | 2500.000   | -52.56       | 2.00      | 0.00           | -50.56     | ≤-21.20     | 44.64           | ≤74            | PASS    |
| 11G      | Ant1    | Low          | 2412            | AV       | 2310.000   | -60.38       | 2.00      | 1.25           | -57.13     | ≤-41.20     | 38.07           | ≤54            | PASS    |
|          |         |              |                 | AV       | 2328.860   | -59.35       | 2.00      | 1.25           | -56.1      | ≤-41.20     | 39.10           | ≤54            | PASS    |
|          |         |              |                 | AV       | 2390.000   | -60.57       | 2.00      | 1.25           | -57.32     | ≤-41.20     | 37.88           | ≤54            | PASS    |
|          |         |              |                 | Peak     | 2310.000   | -52.55       | 2.00      | 0.00           | -50.55     | ≤-21.20     | 44.65           | ≤74            | PASS    |
|          |         |              |                 | Peak     | 2317.550   | -49.73       | 2.00      | 0.00           | -47.73     | ≤-21.20     | 47.47           | ≤74            | PASS    |
|          |         |              |                 | Peak     | 2390.000   | -50.42       | 2.00      | 0.00           | -48.42     | ≤-21.20     | 46.78           | ≤74            | PASS    |

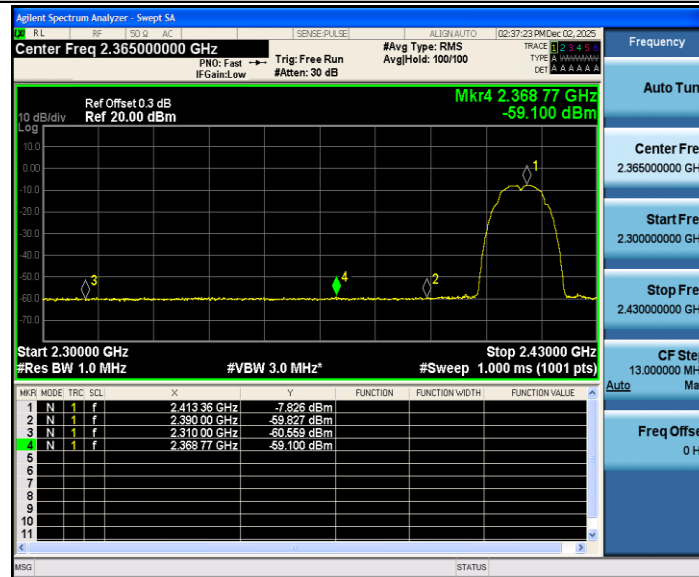
|               |      |      |      |      |          |            |      |      |            |             |       |     |      |
|---------------|------|------|------|------|----------|------------|------|------|------------|-------------|-------|-----|------|
|               |      | High | 2462 | AV   | 2483.500 | -59.8<br>2 | 2.00 | 1.03 | -56.7<br>9 | ≤-41.2<br>0 | 38.41 | ≤54 | PASS |
|               |      |      |      | AV   | 2498.520 | -59.0<br>2 | 2.00 | 1.03 | -55.9<br>9 | ≤-41.2<br>0 | 39.21 | ≤54 | PASS |
|               |      |      |      | AV   | 2500.000 | -59.7      | 2.00 | 1.03 | -56.6<br>7 | ≤-41.2<br>0 | 38.53 | ≤54 | PASS |
|               |      |      |      | Peak | 2483.500 | -51.4<br>2 | 2.00 | 0.00 | -49.4<br>2 | ≤-21.2<br>0 | 45.78 | ≤74 | PASS |
|               |      |      |      | Peak | 2498.410 | -47.7<br>6 | 2.00 | 0.00 | -45.7<br>6 | ≤-21.2<br>0 | 49.44 | ≤74 | PASS |
|               |      |      |      | Peak | 2500.000 | -50.8<br>3 | 2.00 | 0.00 | -48.8<br>3 | ≤-21.2<br>0 | 46.37 | ≤74 | PASS |
| 11N20S<br>ISO | Ant1 | Low  | 2412 | AV   | 2310.000 | -60.4<br>2 | 2.00 | 1.06 | -57.3<br>6 | ≤-41.2<br>0 | 37.84 | ≤54 | PASS |
|               |      |      |      | AV   | 2376.440 | -59.3<br>1 | 2.00 | 1.06 | -56.2<br>5 | ≤-41.2<br>0 | 38.95 | ≤54 | PASS |
|               |      |      |      | AV   | 2390.000 | -60.2<br>8 | 2.00 | 1.06 | -57.2<br>2 | ≤-41.2<br>0 | 37.98 | ≤54 | PASS |
|               |      |      |      | Peak | 2310.000 | -52.7<br>9 | 2.00 | 0.00 | -50.7<br>9 | ≤-21.2<br>0 | 44.41 | ≤74 | PASS |
|               |      |      |      | Peak | 2355.380 | -49.2<br>8 | 2.00 | 0.00 | -47.2<br>8 | ≤-21.2<br>0 | 47.92 | ≤74 | PASS |
|               |      |      |      | Peak | 2390.000 | -50.9<br>7 | 2.00 | 0.00 | -48.9<br>7 | ≤-21.2<br>0 | 46.23 | ≤74 | PASS |
|               |      | High | 2462 | AV   | 2483.500 | -60.1<br>5 | 2.00 | 1.12 | -57.0<br>3 | ≤-41.2<br>0 | 38.17 | ≤54 | PASS |
|               |      |      |      | AV   | 2497.970 | -59.0<br>4 | 2.00 | 1.12 | -55.9<br>2 | ≤-41.2<br>0 | 39.28 | ≤54 | PASS |
|               |      |      |      | AV   | 2500.000 | -59.9<br>1 | 2.00 | 1.12 | -56.7<br>9 | ≤-41.2<br>0 | 38.41 | ≤54 | PASS |
|               |      |      |      | Peak | 2483.500 | -50.5<br>2 | 2.00 | 0.00 | -48.5<br>2 | ≤-21.2<br>0 | 46.68 | ≤74 | PASS |
|               |      |      |      | Peak | 2496.540 | -48.5<br>5 | 2.00 | 0.00 | -46.5<br>5 | ≤-21.2<br>0 | 48.65 | ≤74 | PASS |
|               |      |      |      | Peak | 2500.000 | -51.8<br>4 | 2.00 | 0.00 | -49.8<br>4 | ≤-21.2<br>0 | 45.36 | ≤74 | PASS |

Note:

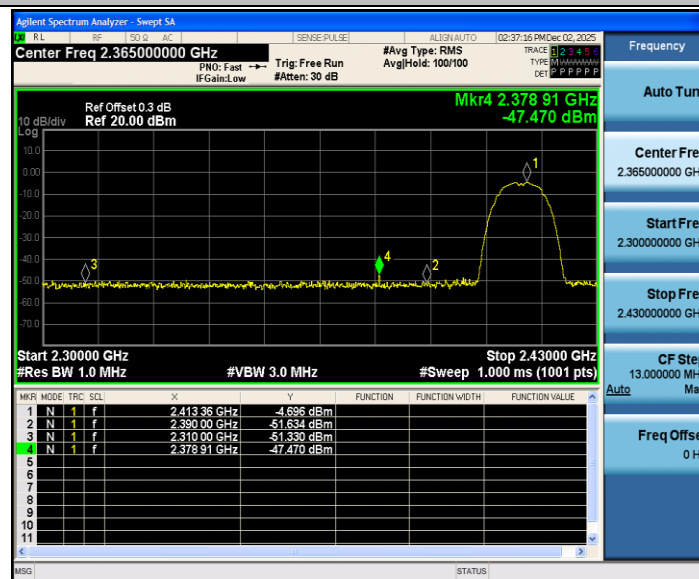
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

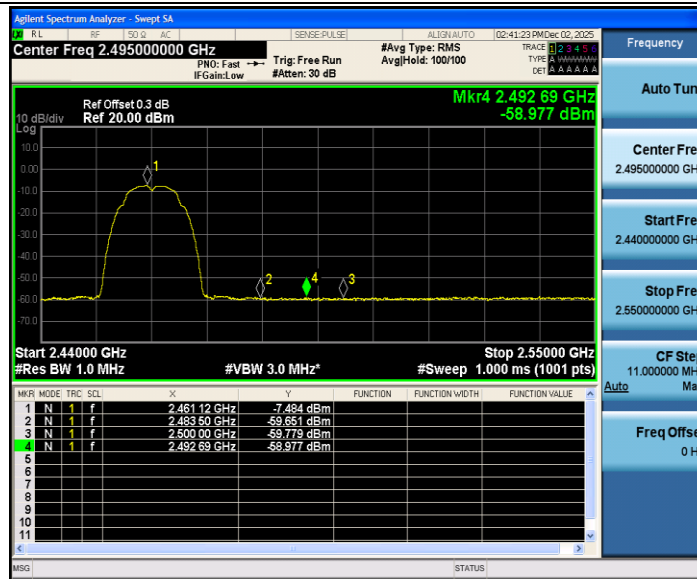
11B\_Ant1\_Low\_2412\_AV



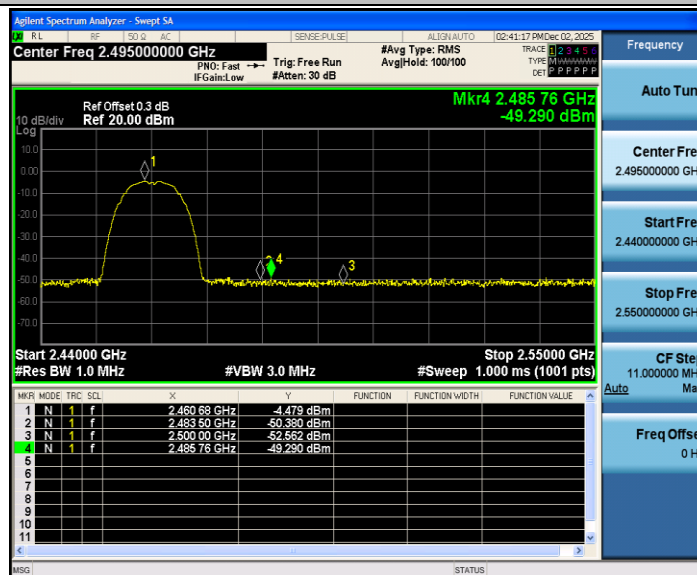
11B\_Ant1\_Low\_2412\_Peak



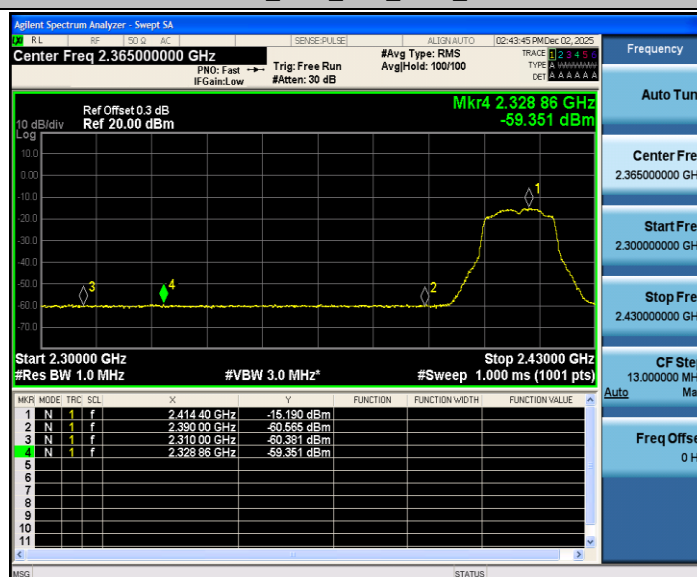
11B\_Ant1\_High\_2462\_AV



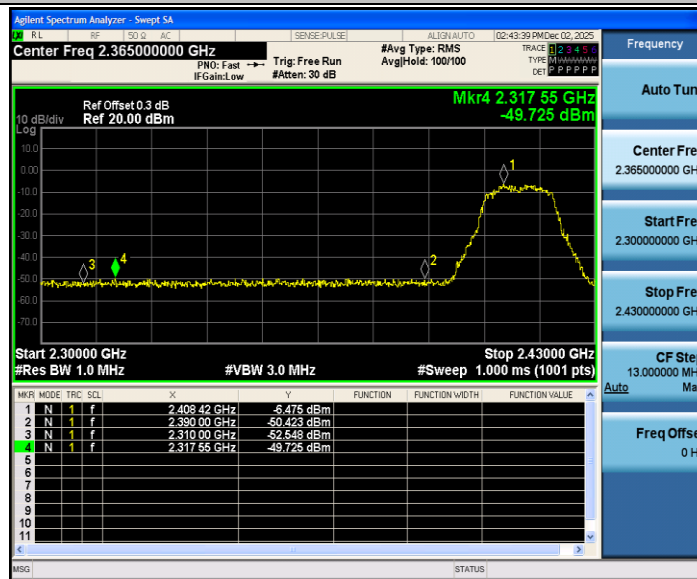
11B\_Ant1\_High\_2462\_Peak



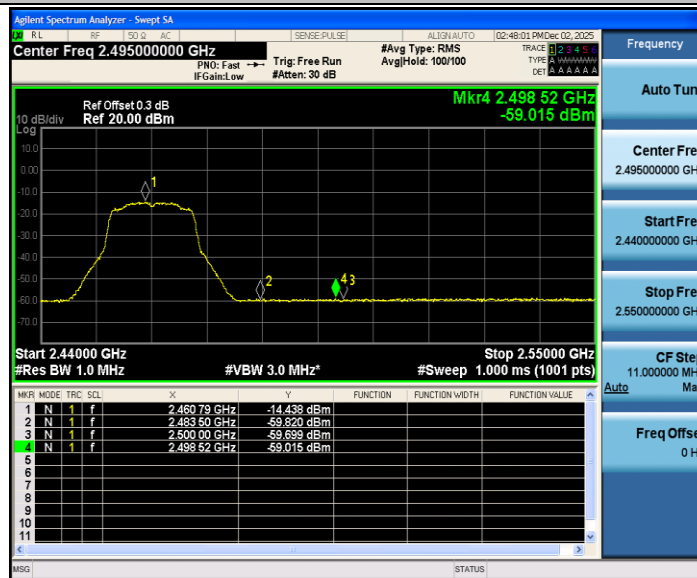
11G\_Ant1\_Low\_2412\_AV



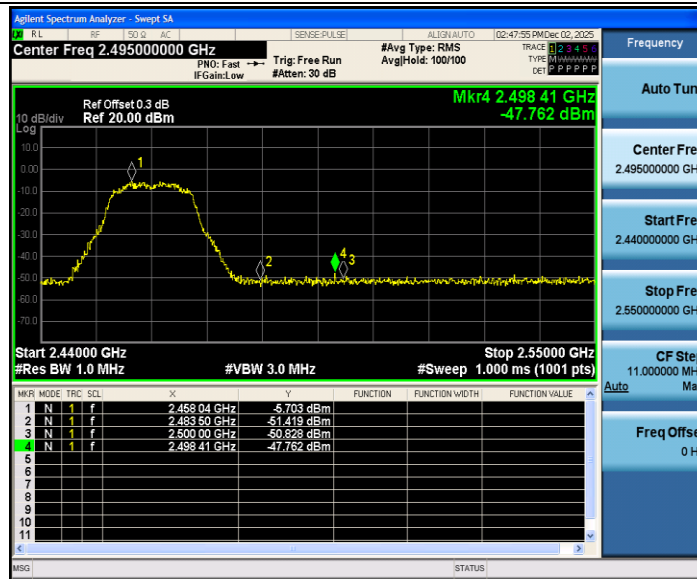
# 11G\_Ant1\_Low\_2412\_Peak



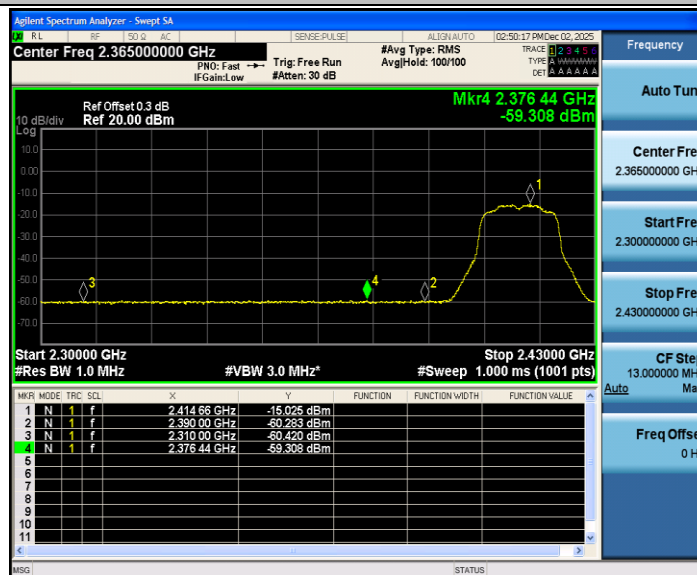
# 11G\_Ant1\_High\_2462\_AV



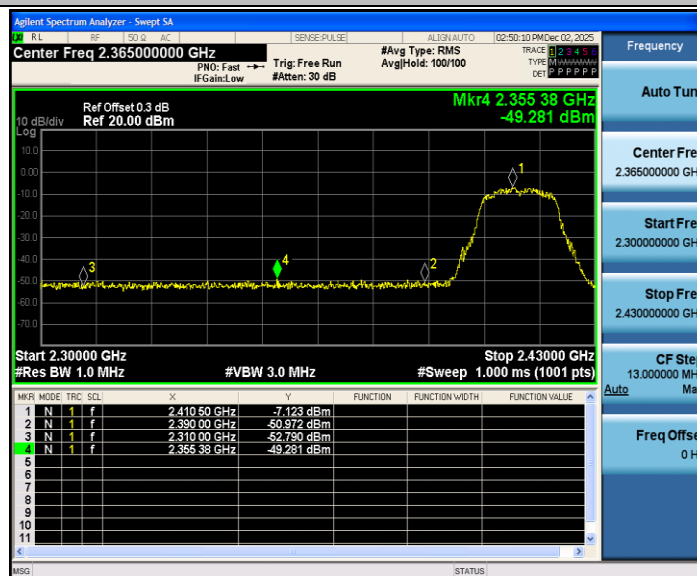
# 11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV



11N20SISO\_Ant1\_Low\_2412\_Peak



# 11N20SISO\_Ant1\_High\_2462\_AV



# 11N20SISO\_Ant1\_High\_2462\_Peak

