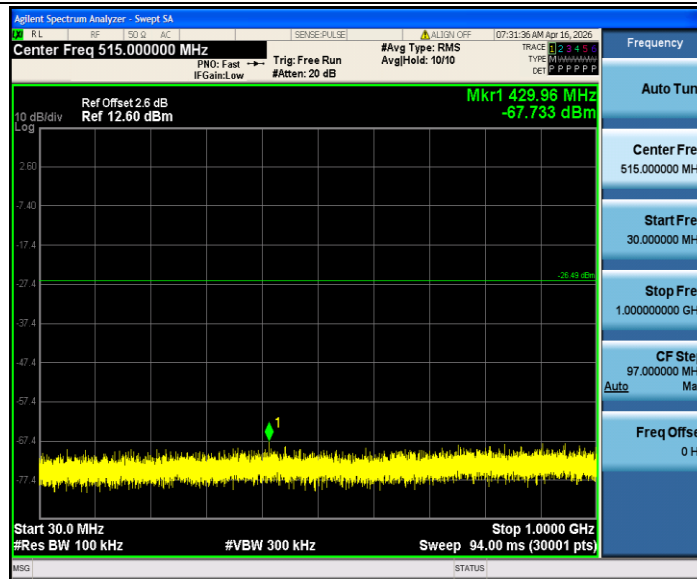
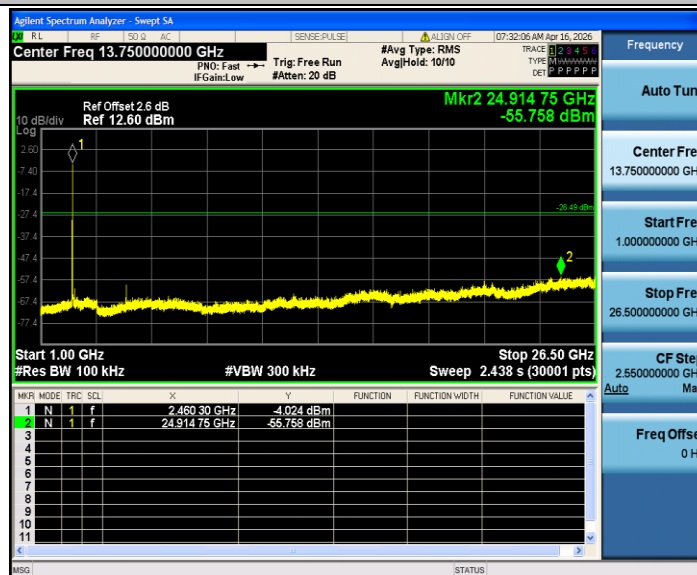
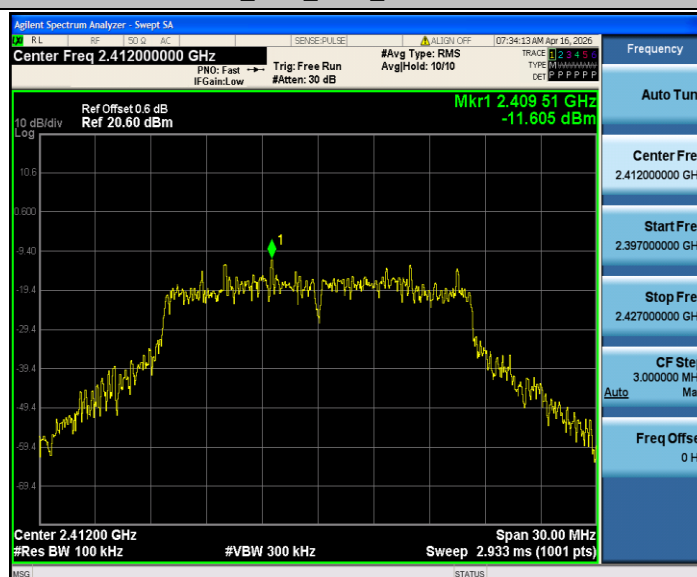




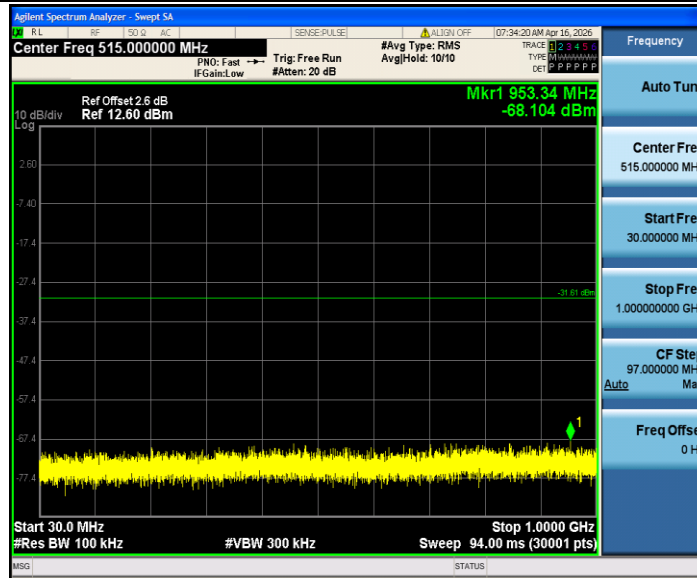
11B\_Ant1\_2462\_1000~26500



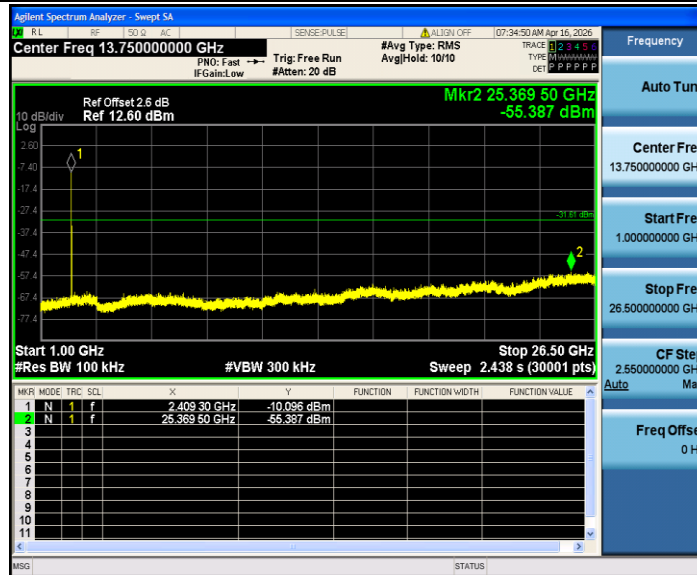
11G\_Ant1\_2412\_0~Reference



# 11G\_Ant1\_2412\_30~1000



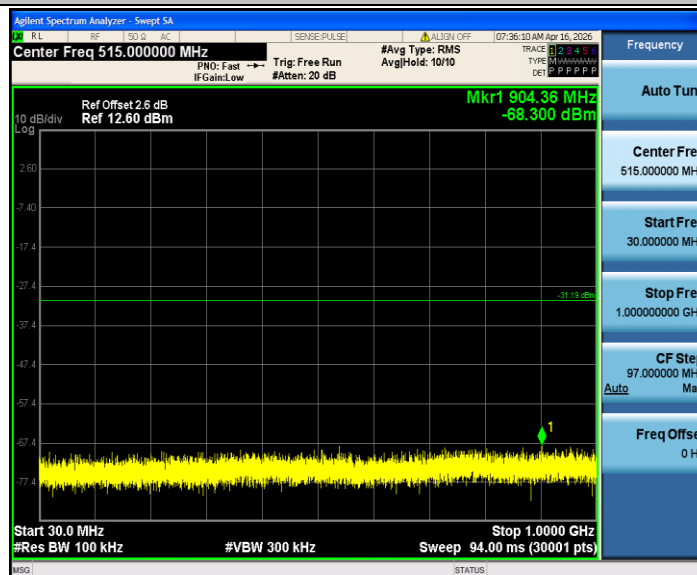
# 11G\_Ant1\_2412\_1000~26500



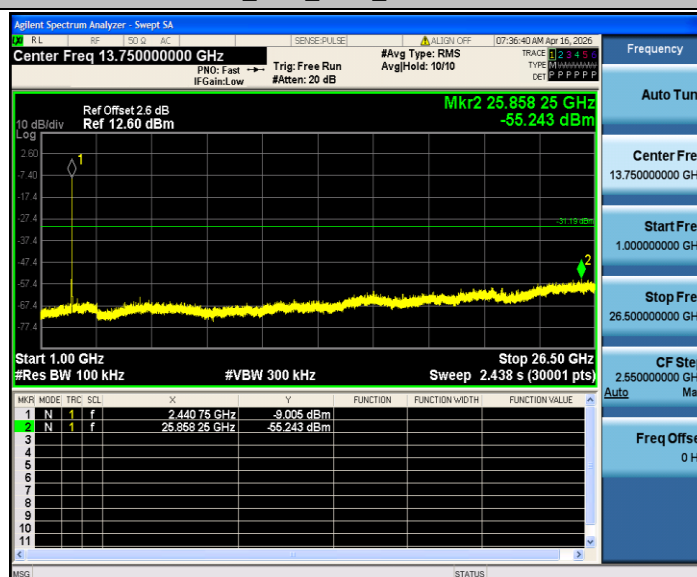
# 11G\_Ant1\_2437\_0~Reference



11G\_Ant1\_2437\_30~1000



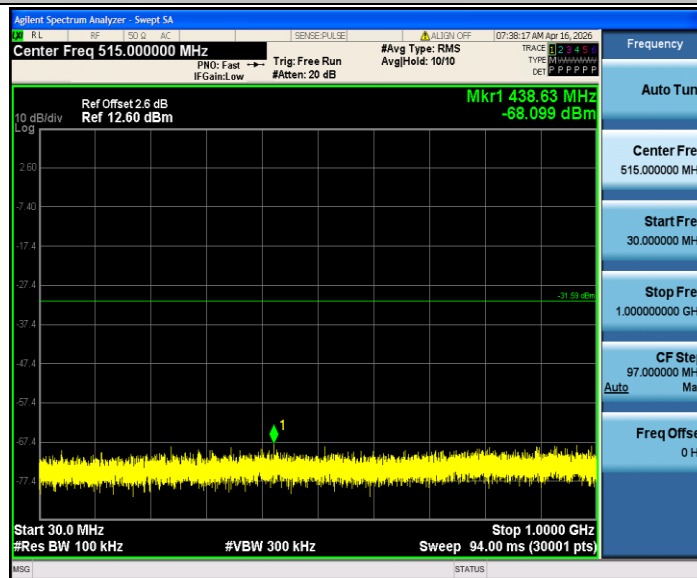
11G\_Ant1\_2437\_1000~26500



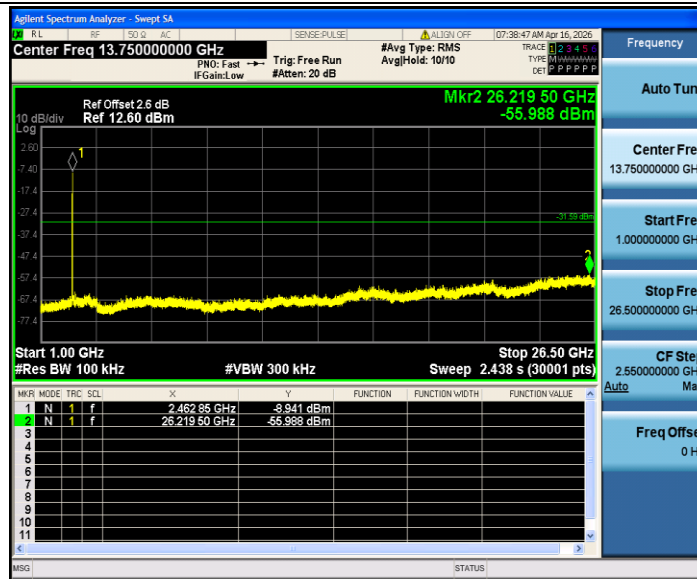
# 11G\_Ant1\_2462\_0~Reference



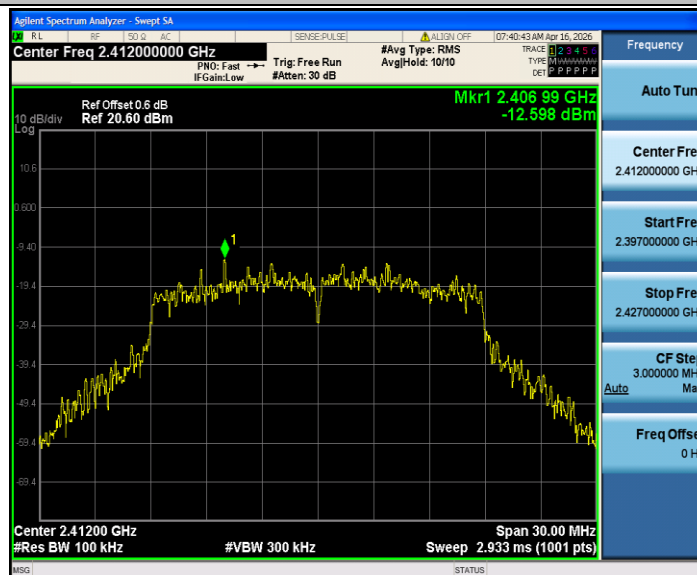
# 11G\_Ant1\_2462\_30~1000



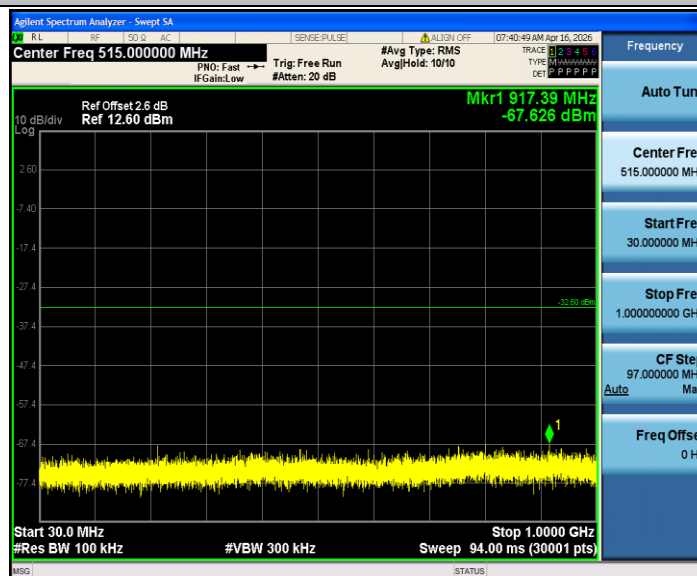
# 11G\_Ant1\_2462\_1000~26500



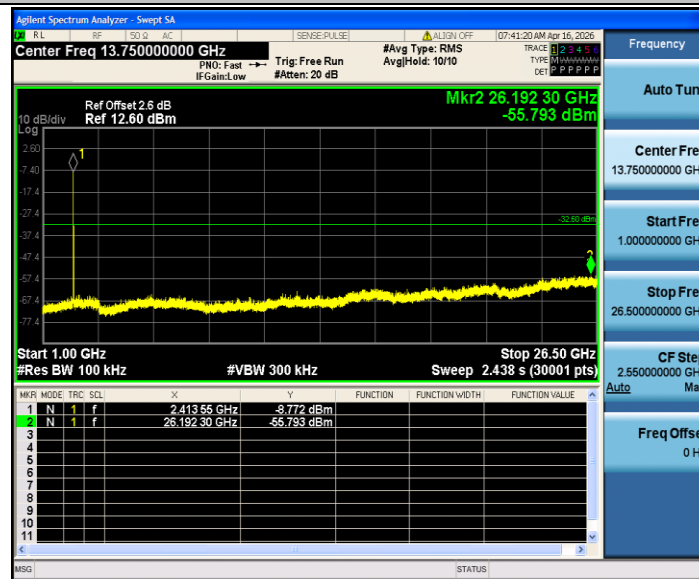
11N20SISO\_Ant1\_2412\_0~Reference



11N20SISO\_Ant1\_2412\_30~1000



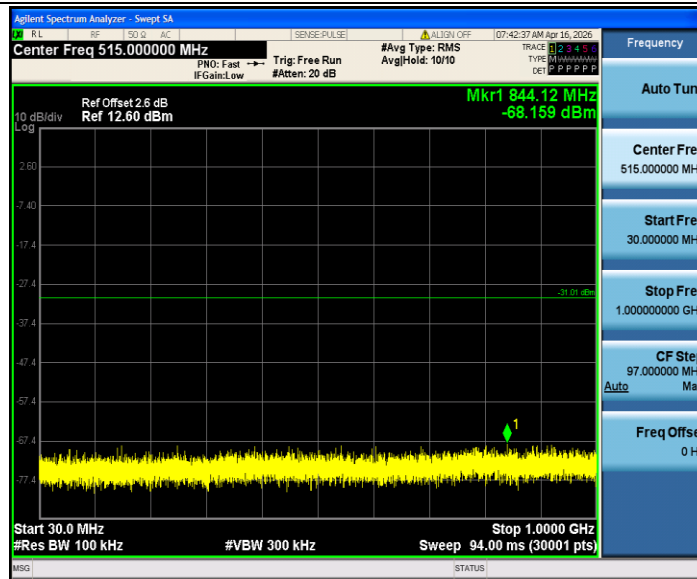
# 11N20SISO\_Ant1\_2412\_1000~26500



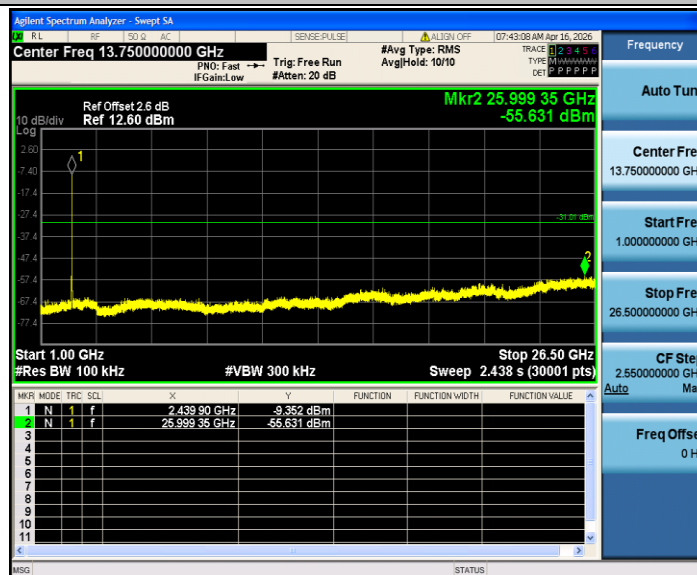
# 11N20SISO\_Ant1\_2437\_0~Reference



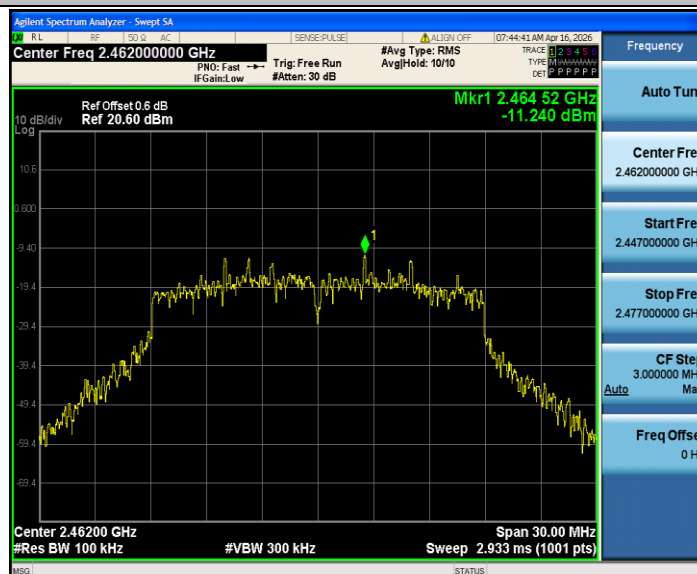
# 11N20SISO\_Ant1\_2437\_30~1000



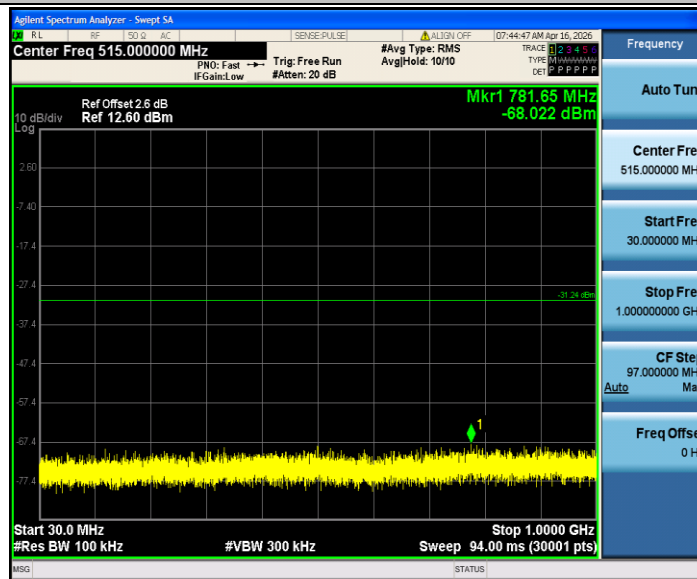
11N20SISO\_Ant1\_2437\_1000~26500



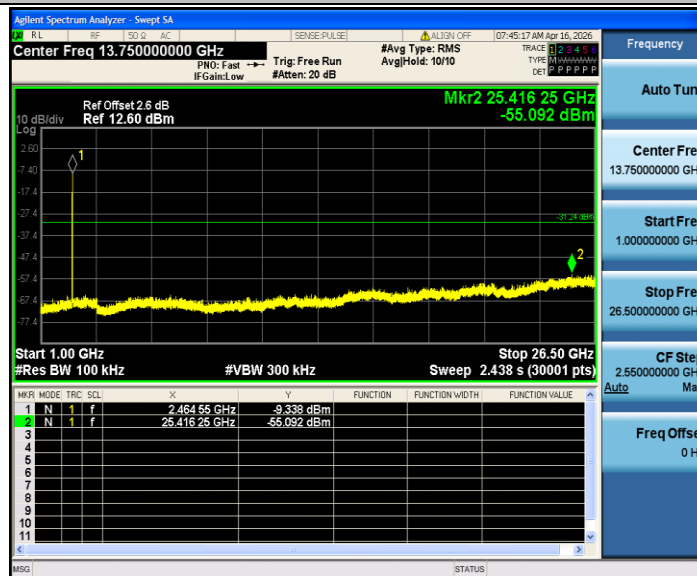
11N20SISO\_Ant1\_2462\_0~Reference



# 11N20SISO\_Ant1\_2462\_30~1000



# 11N20SISO\_Ant1\_2462\_1000~26500



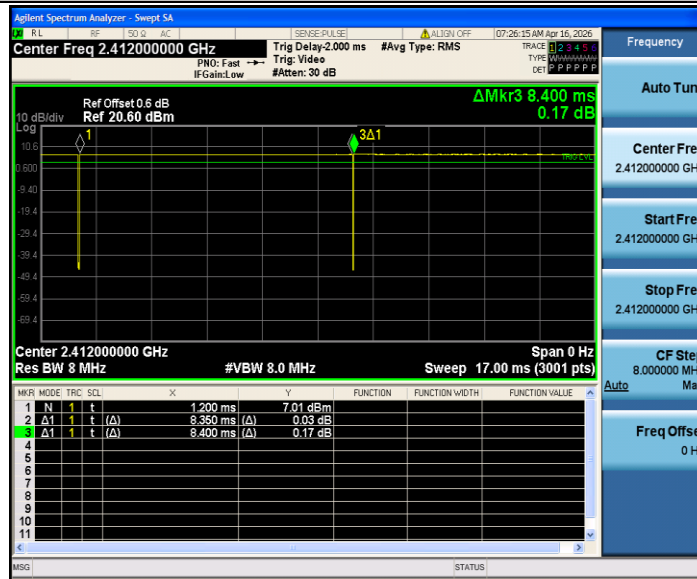
## Appendix G: Duty Cycle

### Test Result

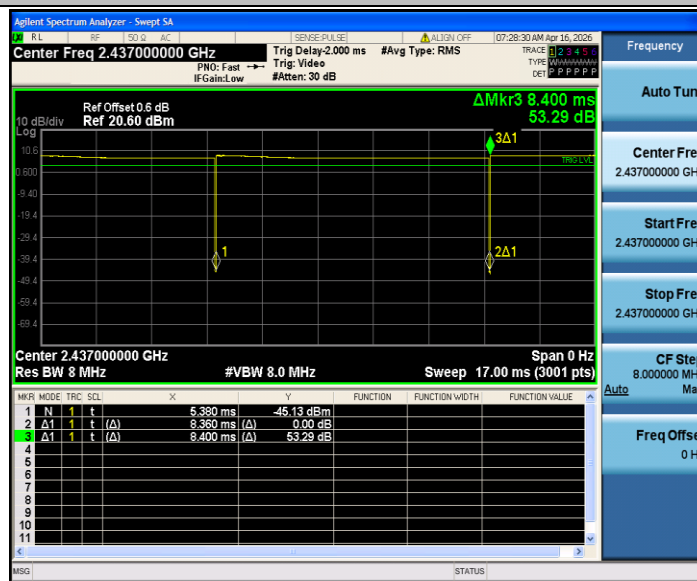
| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period [ms] | Duty<br>Cycle<br>[%] | DC Factor<br>[dB] | T Factor<br>[dB] |
|-----------|---------|----------------|----------------------------------|-----------------------------|----------------------|-------------------|------------------|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

## Test Graphs

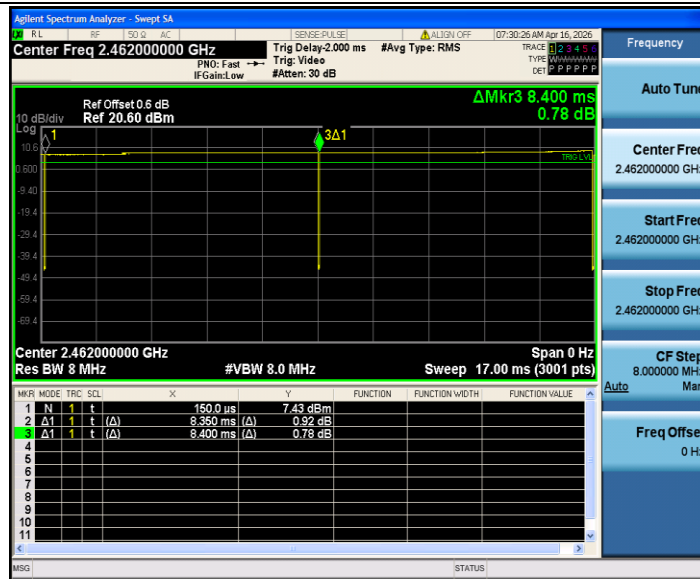
11B\_Ant1\_2412



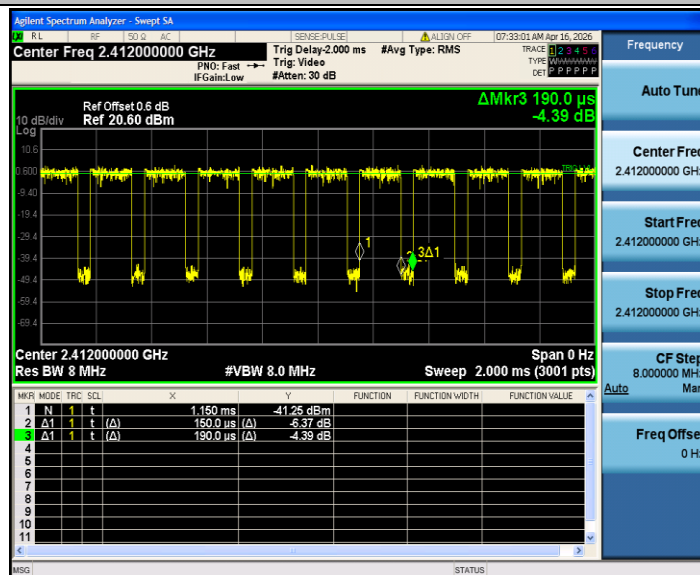
11B\_Ant1\_2437



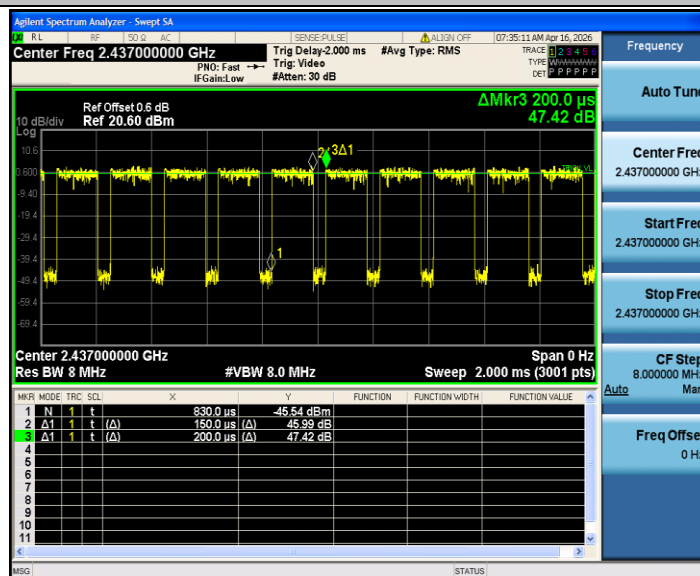
11B\_Ant1\_2462



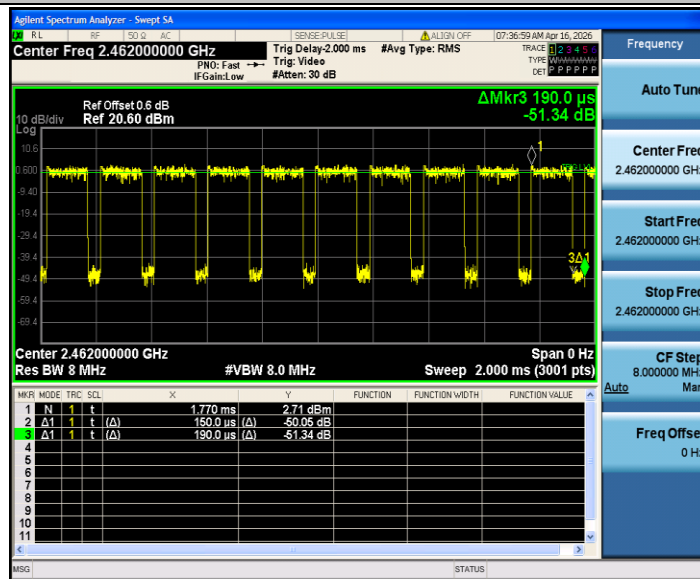
11G\_Ant1\_2412



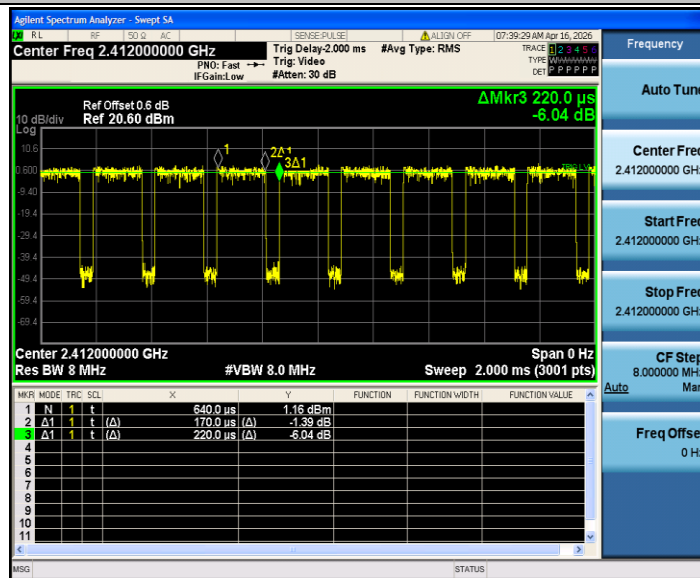
11G\_Ant1\_2437



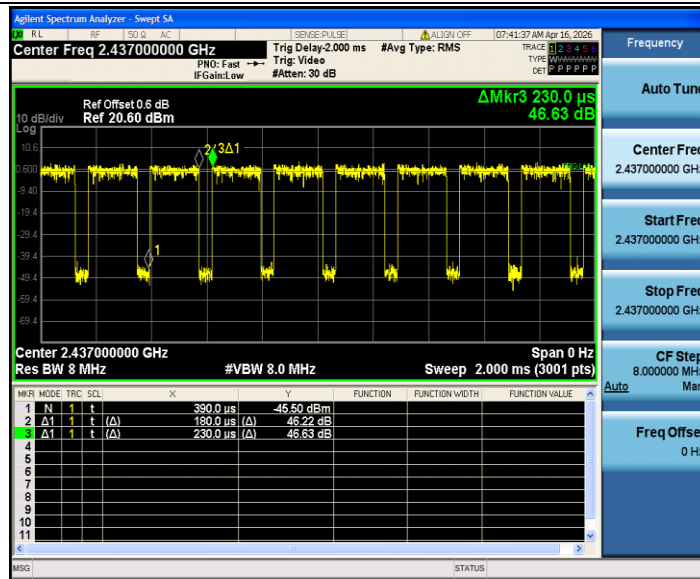
# 11G\_Ant1\_2462



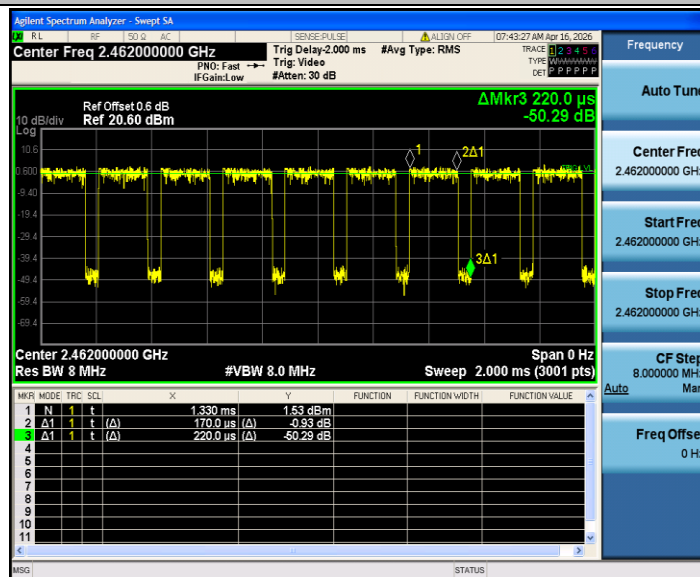
# 11N20SISO\_Ant1\_2412



# 11N20SISO\_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] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|-----------|---------|--------------|-----------------|----------|------------|--------------|-----------|----------------|-----------------|----------------|---------|
| 11B       | Ant1    | Low          | 2412            | AV       | 2310.000   | -59.83       | 3.71      | 0.03           | 39.11           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2381.120   | -58.87       | 3.71      | 0.03           | 40.07           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2390.000   | -59.29       | 3.71      | 0.03           | 39.65           | ≤54            | PASS    |
|           |         |              |                 | Peak     | 2310.000   | -52.26       | 3.71      | 0.00           | 46.65           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2341.990   | -47.99       | 3.71      | 0.00           | 50.92           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2390.000   | -50.35       | 3.71      | 0.00           | 48.56           | ≤74            | PASS    |
|           |         | High         | 2462            | AV       | 2483.500   | -59.38       | 3.71      | 0.03           | 39.56           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2485.210   | -58.38       | 3.71      | 0.03           | 40.56           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2500.000   | -59.74       | 3.71      | 0.03           | 39.2            | ≤54            | PASS    |
|           |         |              |                 | Peak     | 2483.500   | -51.44       | 3.71      | 0.00           | 47.47           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2495.990   | -48.1        | 3.71      | 0.00           | 50.81           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2500.000   | -50.58       | 3.71      | 0.00           | 48.33           | ≤74            | PASS    |
| 11G       | Ant1    | Low          | 2412            | AV       | 2310.000   | -59.79       | 3.71      | 1.03           | 40.15           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2367.860   | -58.92       | 3.71      | 1.03           | 41.02           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2390.000   | -60.69       | 3.71      | 1.03           | 39.25           | ≤54            | PASS    |
|           |         |              |                 | Peak     | 2310.000   | -52.17       | 3.71      | 0.00           | 46.74           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2363.830   | -47.58       | 3.71      | 0.00           | 51.33           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2390.000   | -51.55       | 3.71      | 0.00           | 47.36           | ≤74            | PASS    |
|           |         | High         | 2462            | AV       | 2483.500   | -59.11       | 3.71      | 1.03           | 40.83           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2483.890   | -58.59       | 3.71      | 1.03           | 41.35           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2500.000   | -59.23       | 3.71      | 1.03           | 40.71           | ≤54            | PASS    |
|           |         |              |                 | Peak     | 2483.500   | -50.73       | 3.71      | 0.00           | 48.18           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2494.890   | -48.33       | 3.71      | 0.00           | 50.58           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2500.000   | -49.6        | 3.71      | 0.00           | 49.31           | ≤74            | PASS    |
| 11N20SISO | Ant1    | Low          | 2412            | AV       | 2310.000   | -59.67       | 3.71      | 1.12           | 40.36           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2383.070   | -59.05       | 3.71      | 1.12           | 40.98           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2390.000   | -60.04       | 3.71      | 1.12           | 39.99           | ≤54            | PASS    |
|           |         |              |                 | Peak     | 2310.000   | -51.32       | 3.71      | 0.00           | 47.59           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2339.260   | -48.99       | 3.71      | 0.00           | 49.92           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2390.000   | -52.2        | 3.71      | 0.00           | 46.71           | ≤74            | PASS    |
|           |         | High         | 2462            | AV       | 2483.500   | -59.35       | 3.71      | 1.12           | 40.68           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2489.500   | -58.75       | 3.71      | 1.12           | 41.28           | ≤54            | PASS    |
|           |         |              |                 | AV       | 2500.000   | -59.27       | 3.71      | 1.12           | 40.76           | ≤54            | PASS    |
|           |         |              |                 | Peak     | 2483.500   | -51.39       | 3.71      | 0.00           | 47.52           | ≤74            | PASS    |
|           |         |              |                 | Peak     | 2492.360   | -49.26       | 3.71      | 0.00           | 49.65           | ≤74            | PASS    |

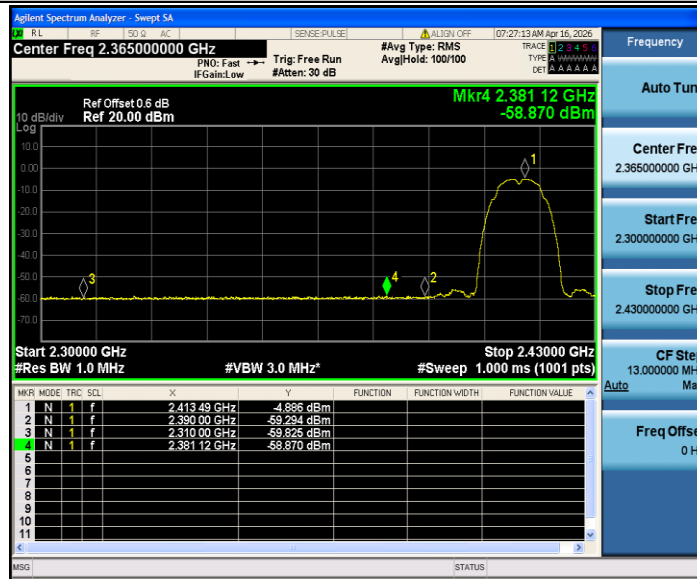
|  |  |  |  |      |          |        |      |      |      |     |      |
|--|--|--|--|------|----------|--------|------|------|------|-----|------|
|  |  |  |  | Peak | 2500.000 | -52.41 | 3.71 | 0.00 | 46.5 | ≤74 | PASS |
|--|--|--|--|------|----------|--------|------|------|------|-----|------|

**Note:**

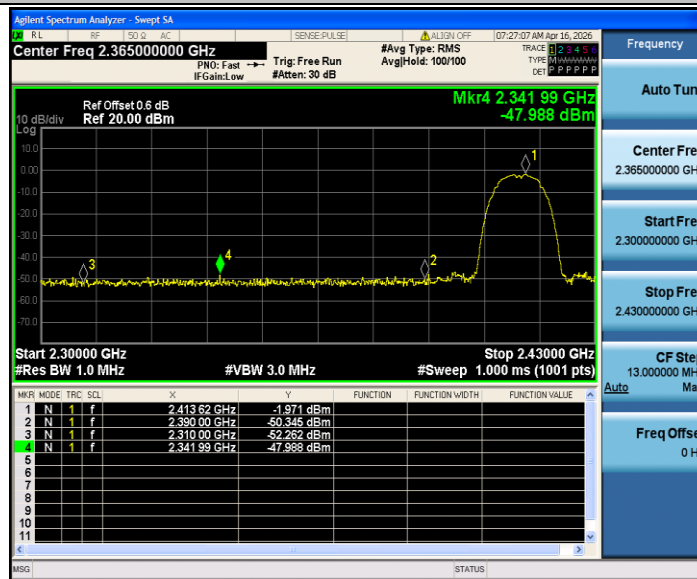
The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

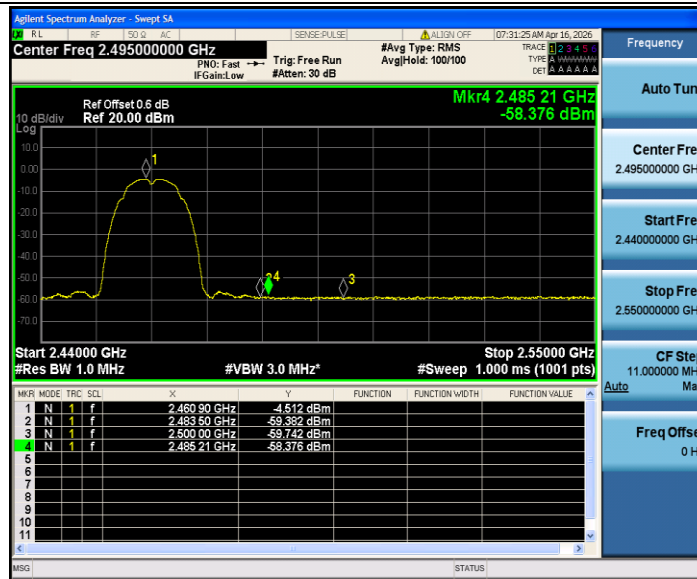
11B\_Ant1\_Low\_2412\_AV



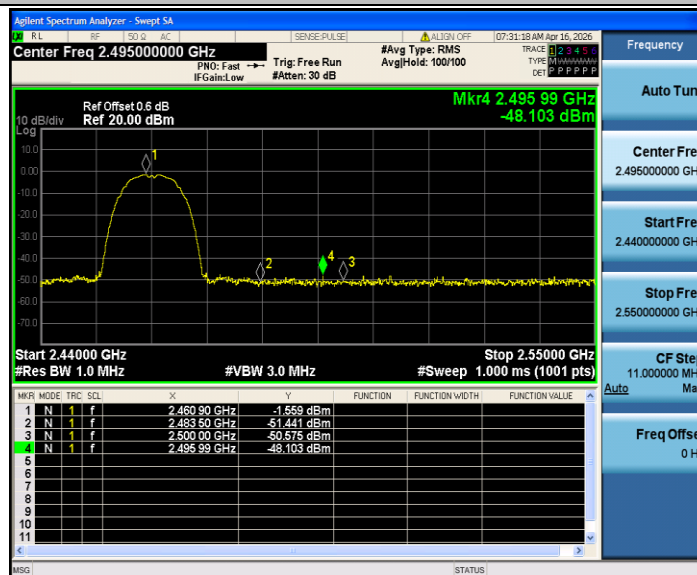
11B\_Ant1\_Low\_2412\_Peak



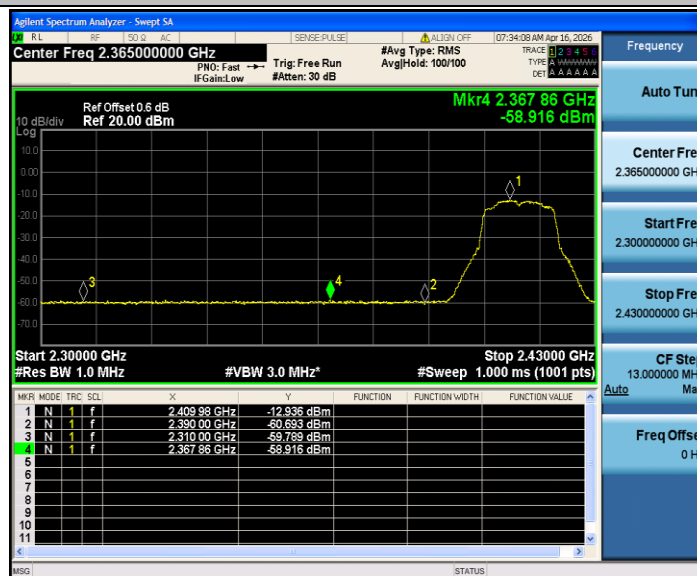
11B\_Ant1\_High\_2462\_AV



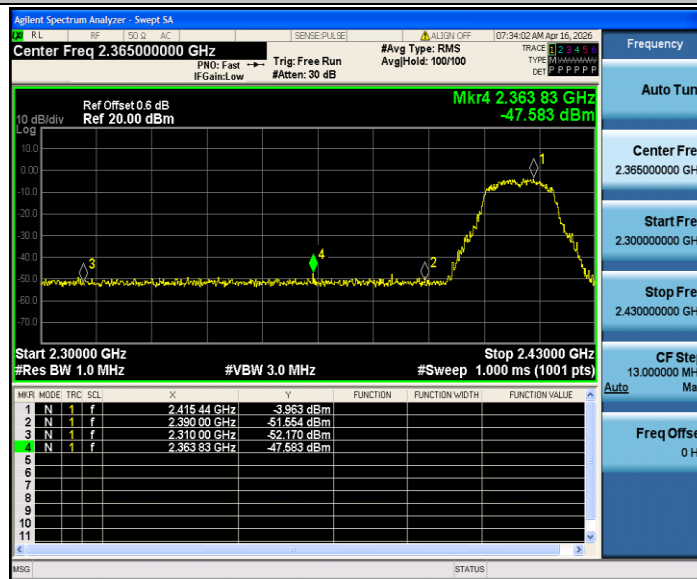
11B\_Ant1\_High\_2462\_Peak



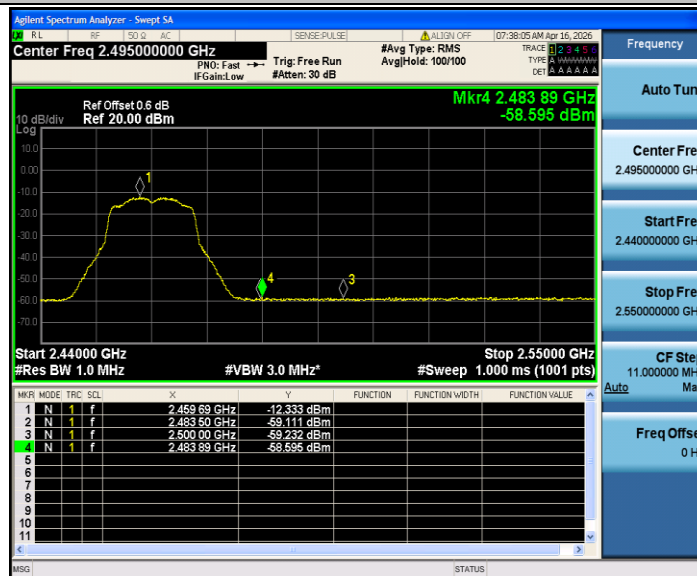
11G\_Ant1\_Low\_2412\_AV



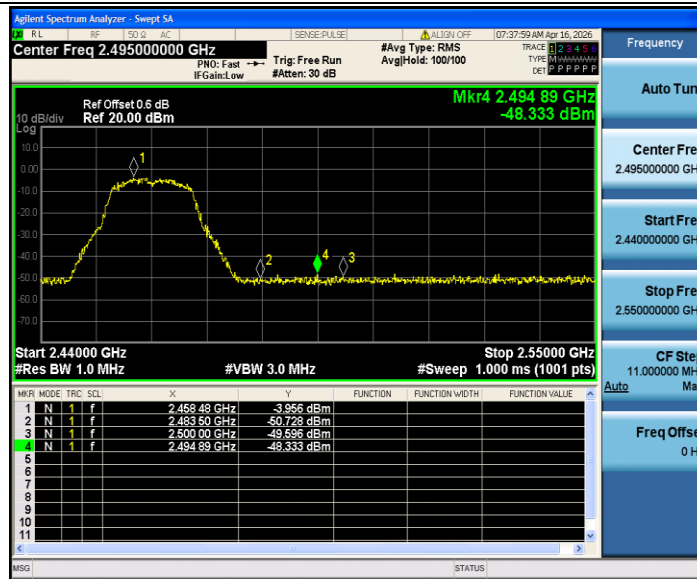
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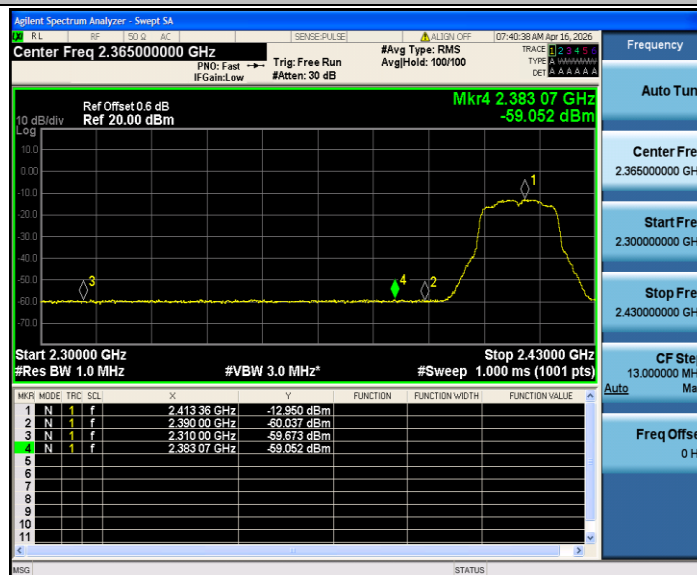
# 11G\_Ant1\_High\_2462\_AV



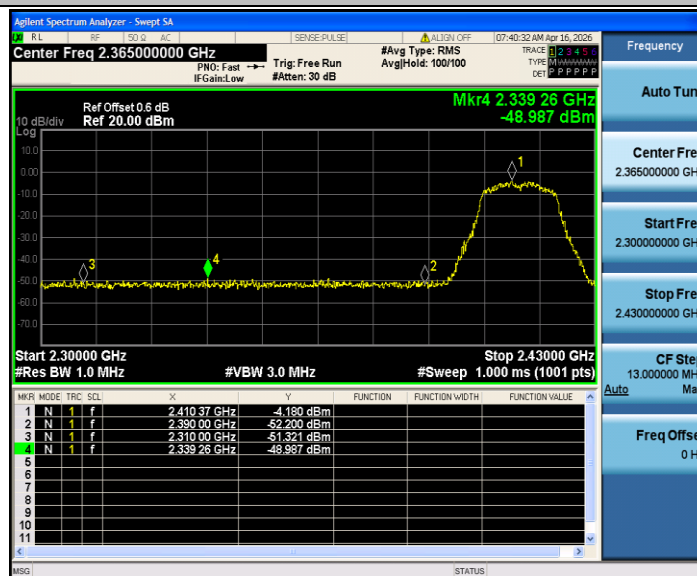
# 11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV



11N20SISO\_Ant1\_Low\_2412\_Peak



# 11N20SISO\_Ant1\_High\_2462\_AV



# 11N20SISO\_Ant1\_High\_2462\_Peak

