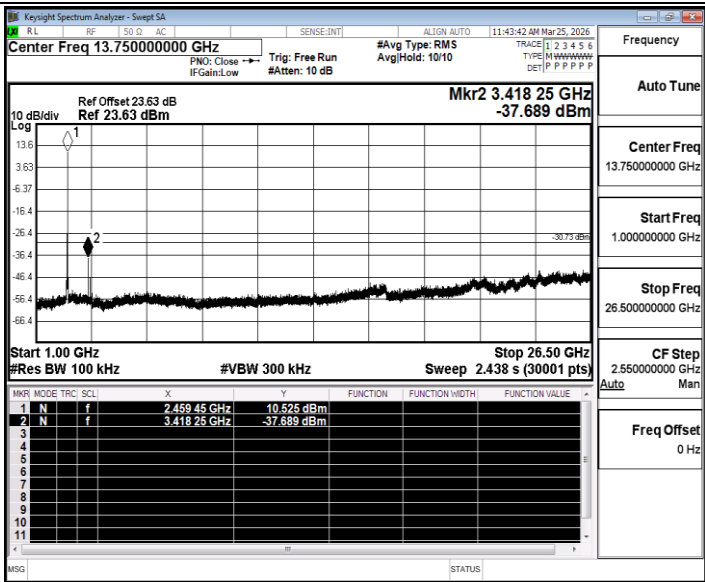
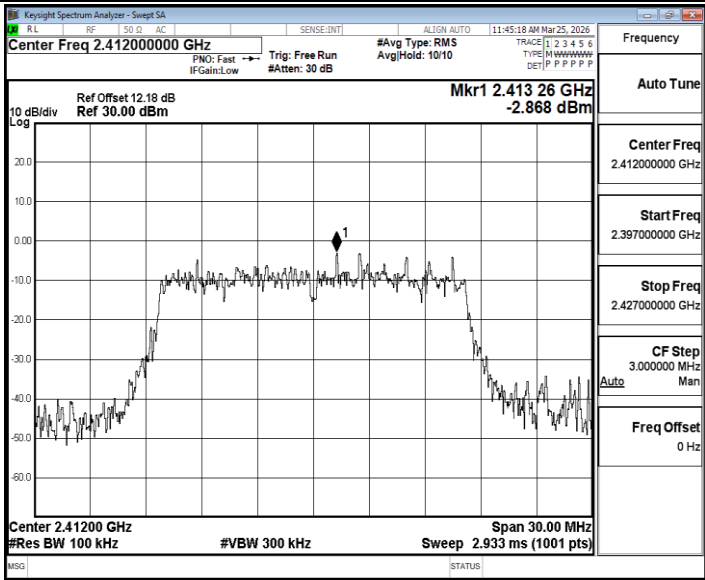
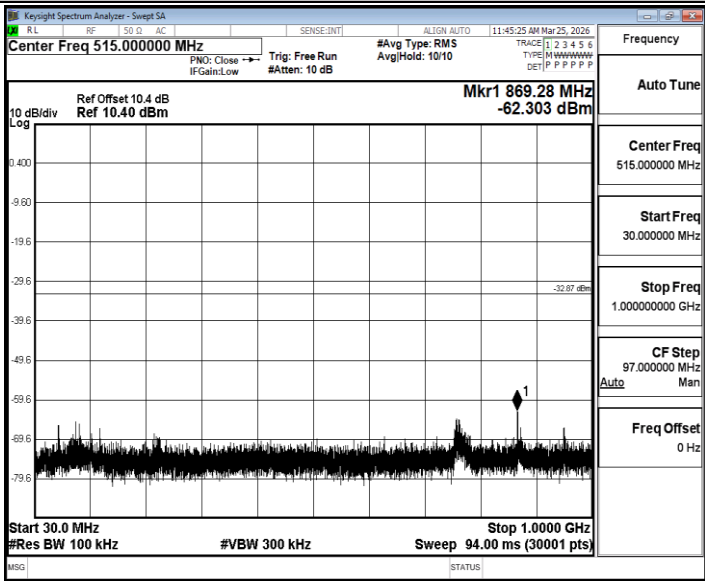




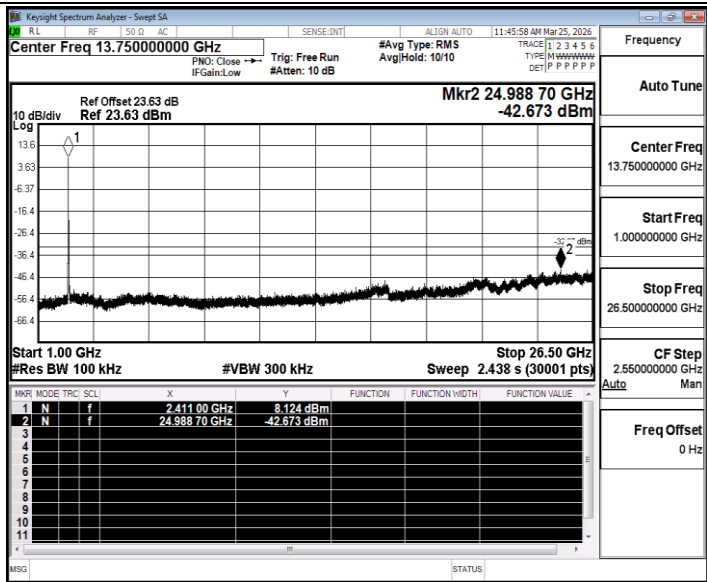
11G\_Ant1\_2412\_0~Reference



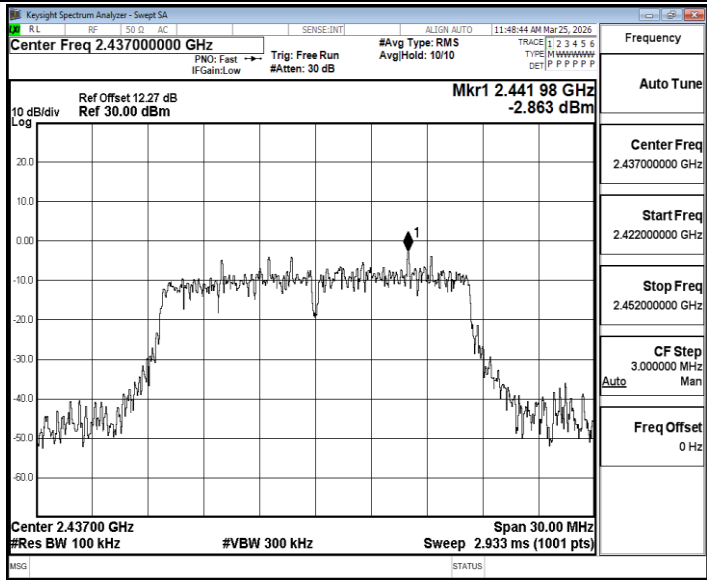
11G\_Ant1\_2412\_30~1000



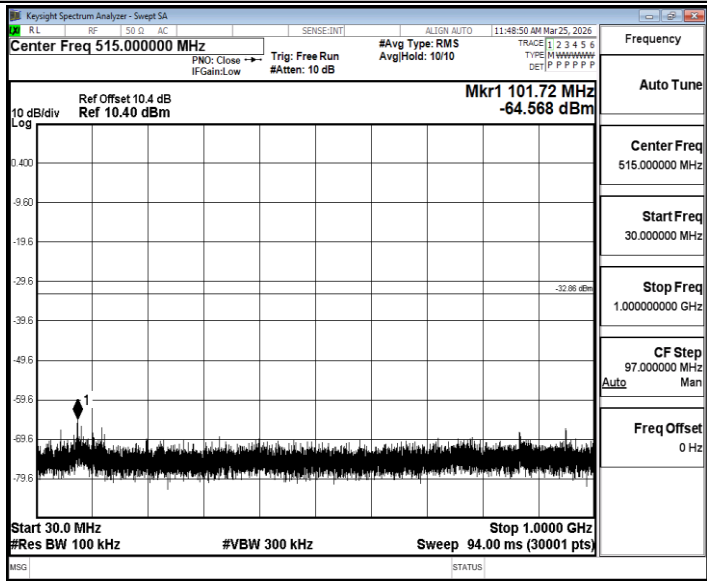
11G\_Ant1\_2412\_1000~26500



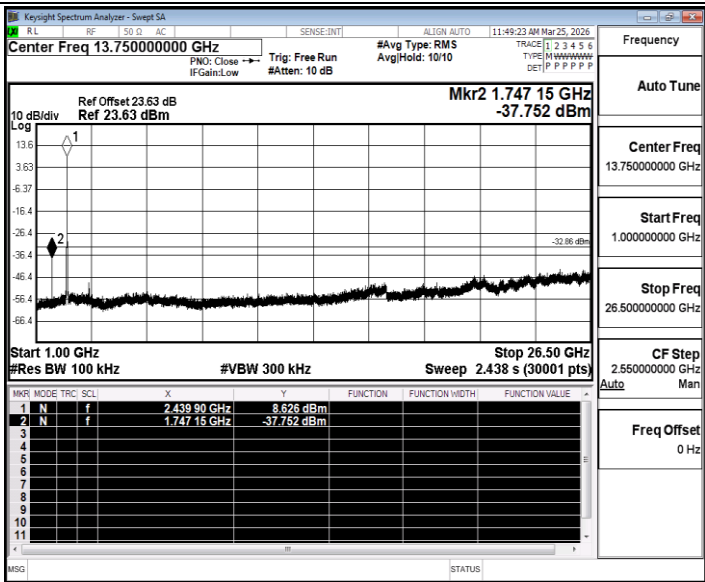
11G\_Ant1\_2437\_0~Reference



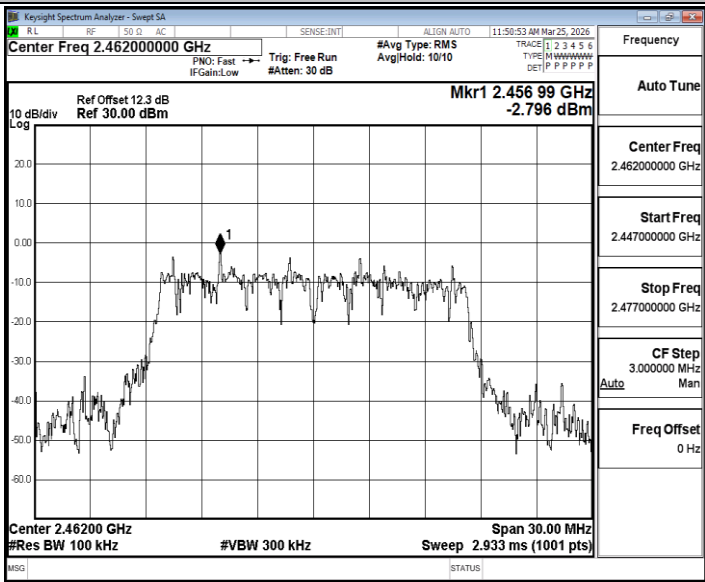
11G\_Ant1\_2437\_30~1000



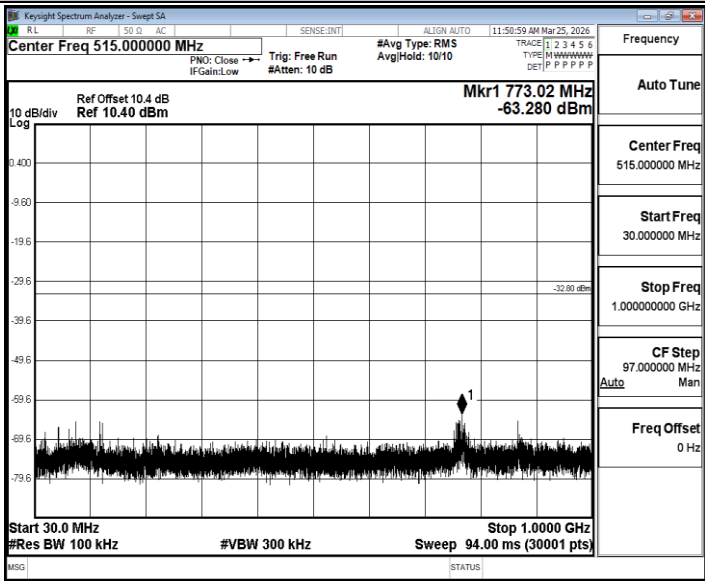
11G\_Ant1\_2437\_1000~26500



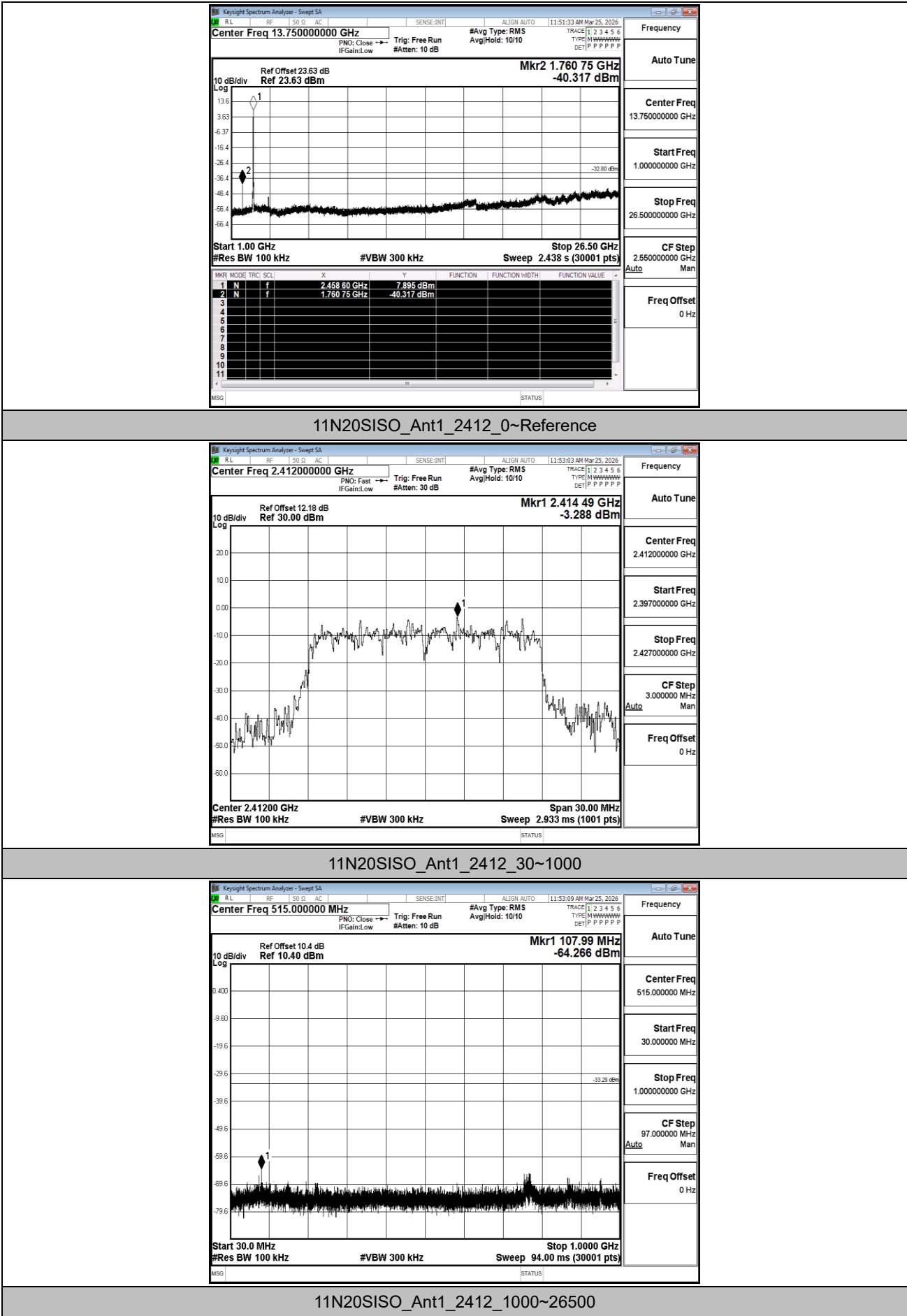
11G\_Ant1\_2462\_0~Reference

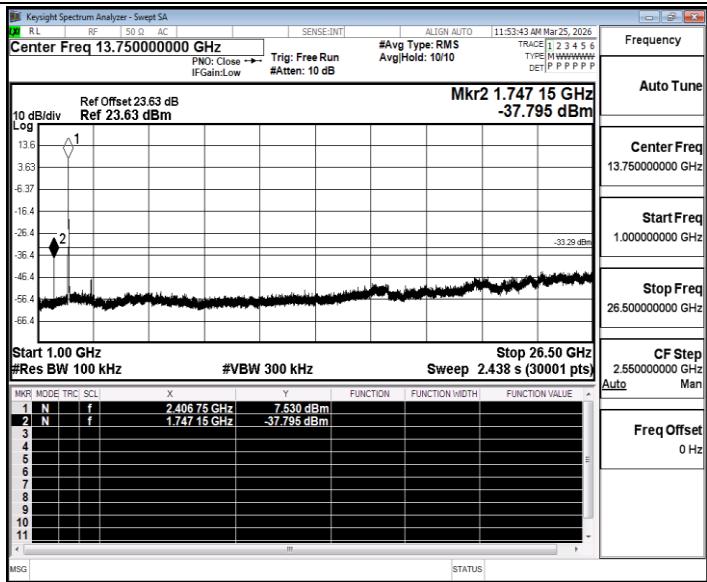


11G\_Ant1\_2462\_30~1000

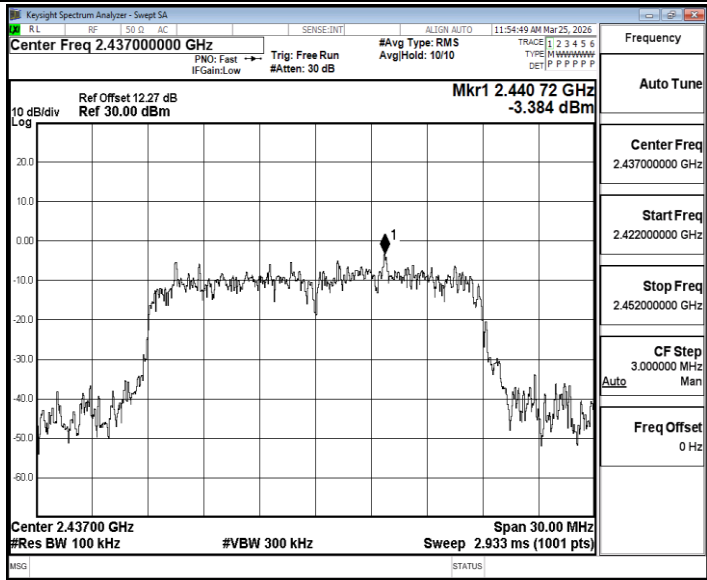


11G\_Ant1\_2462\_1000~26500

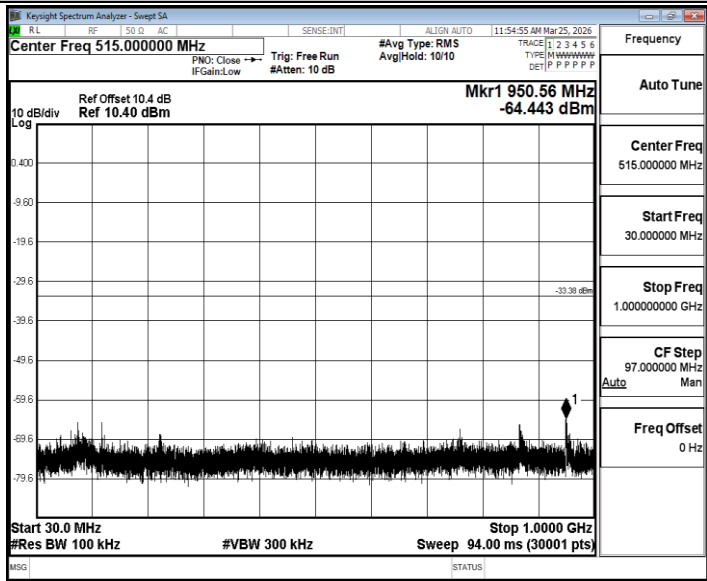




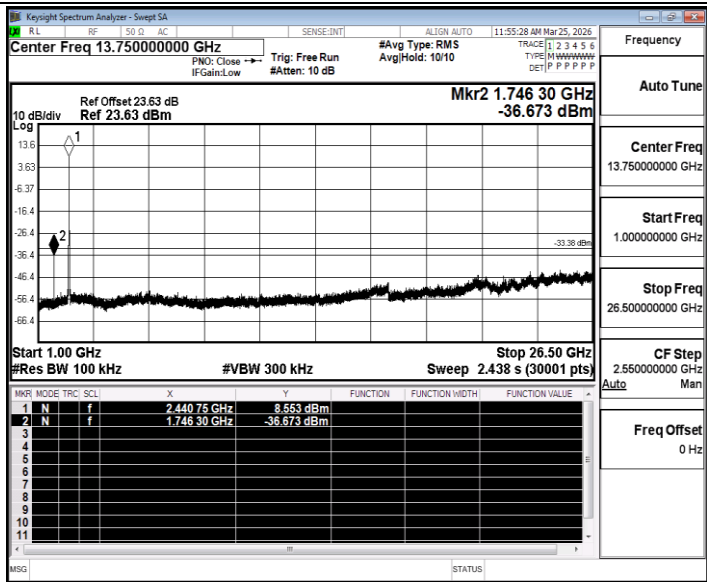
11N20SISO\_Ant1\_2437\_0~Reference



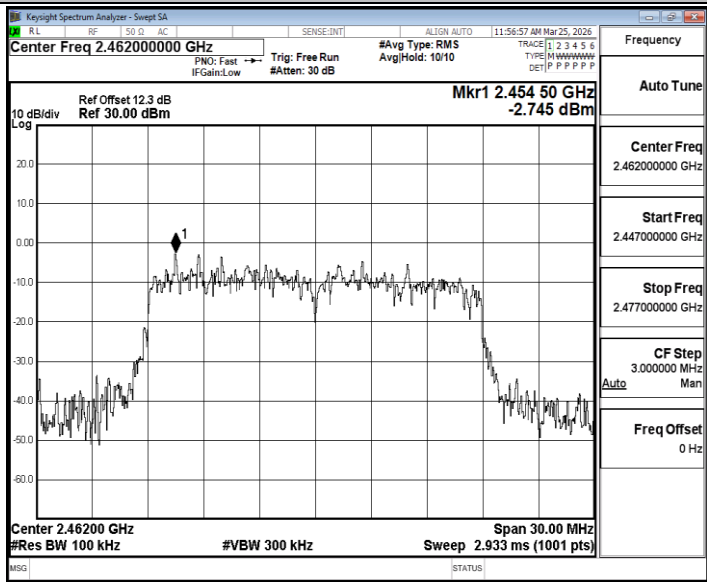
11N20SISO\_Ant1\_2437\_30~1000



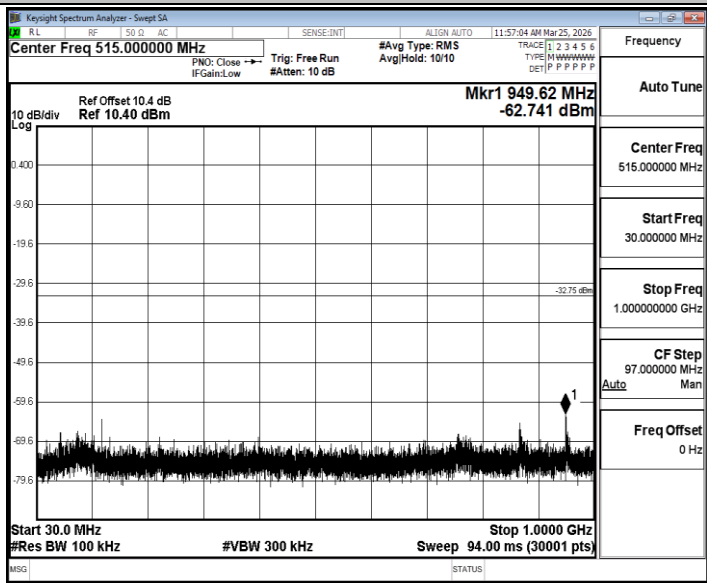
11N20SISO\_Ant1\_2437\_1000~26500



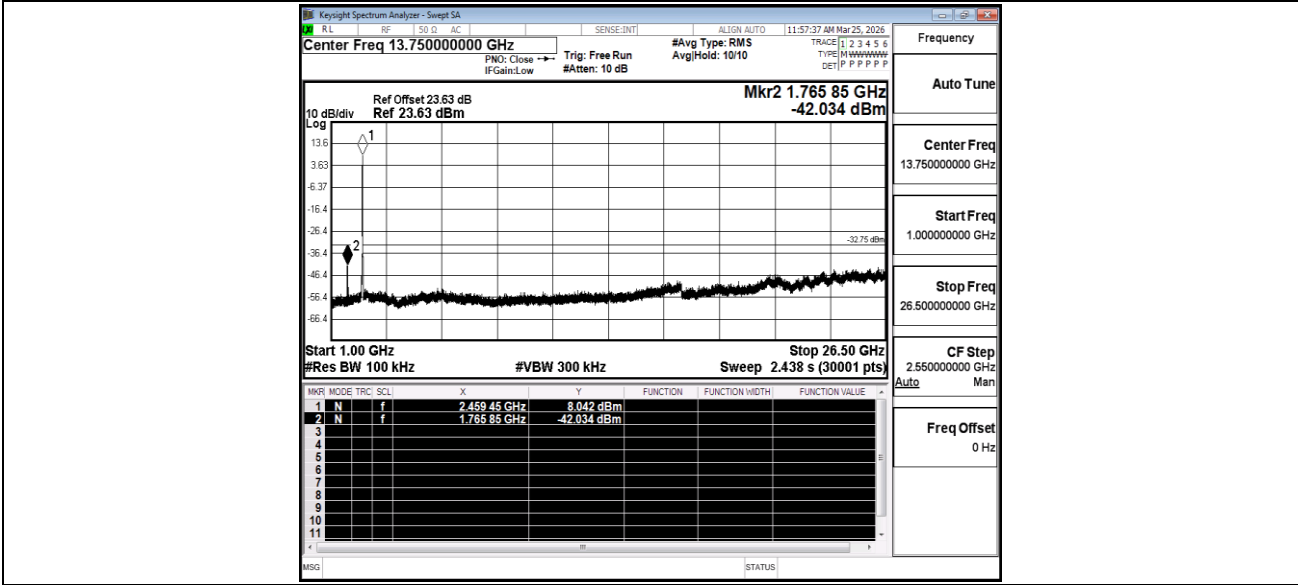
11N20SISO\_Ant1\_2462\_0~Reference



11N20SISO\_Ant1\_2462\_30~1000



11N20SISO\_Ant1\_2462\_1000~26500



## B.6 Duty Cycle

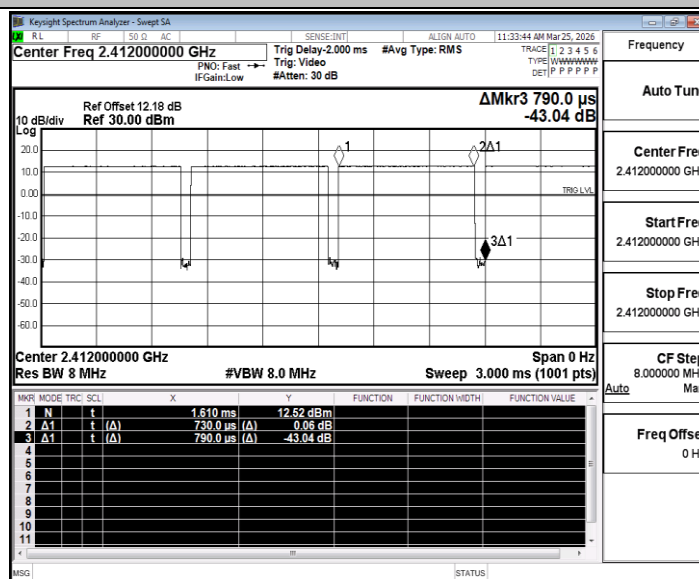
### Test Result

| TestMode  | Antenna | Frequency [MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | xFactor |
|-----------|---------|-----------------|----------------------------|--------------------------|----------------|---------|
| 11B       | Ant1    | 2412            | 0.73                       | 0.79                     | 92.41          | 0.34    |
|           |         | 2437            | 0.74                       | 0.79                     | 93.67          | 0.28    |
|           |         | 2462            | 0.73                       | 0.79                     | 92.41          | 0.34    |
| 11G       | Ant1    | 2412            | 0.12                       | 0.18                     | 66.67          | 1.76    |
|           |         | 2437            | 0.12                       | 0.18                     | 66.67          | 1.76    |
|           |         | 2462            | 0.11                       | 0.18                     | 61.11          | 2.14    |
| 11N20SISO | Ant1    | 2412            | 0.11                       | 0.17                     | 64.71          | 1.89    |
|           |         | 2437            | 0.12                       | 0.18                     | 66.67          | 1.76    |
|           |         | 2462            | 0.11                       | 0.18                     | 61.11          | 2.14    |

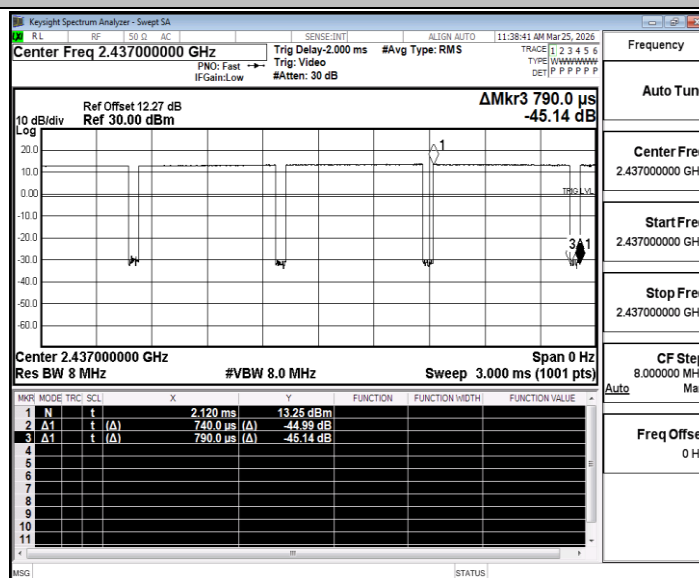
Note: offset=System attenuation +cabel loss

## Test Graphs

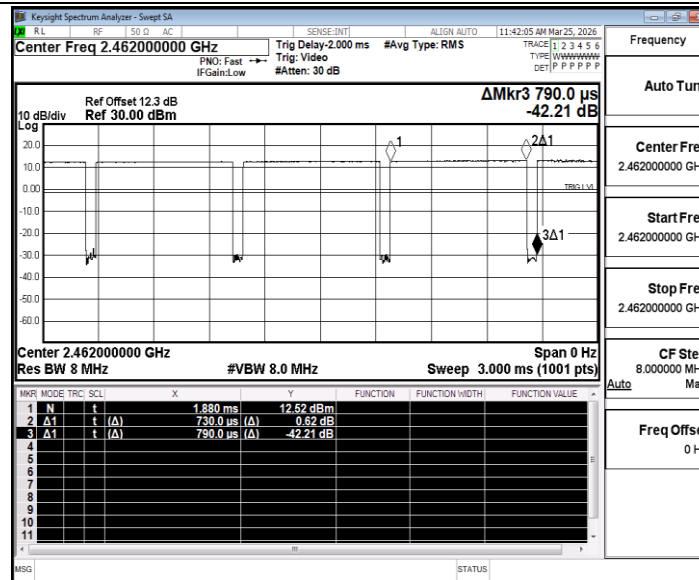
11B\_Ant1\_2412



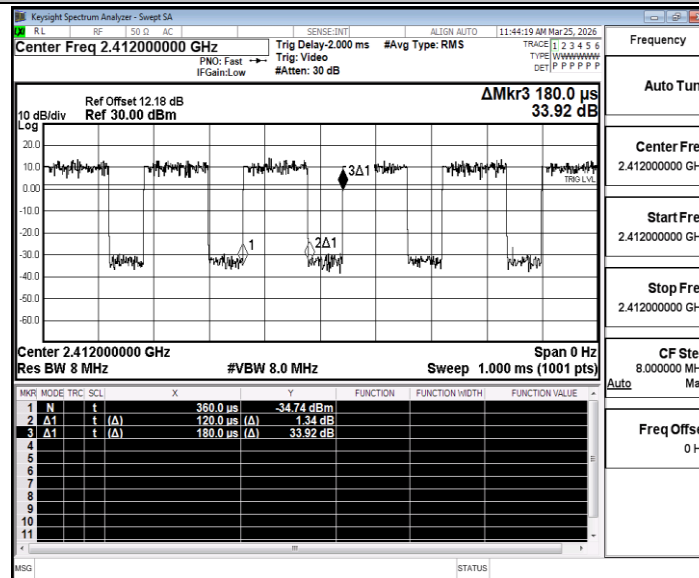
11B\_Ant1\_2437



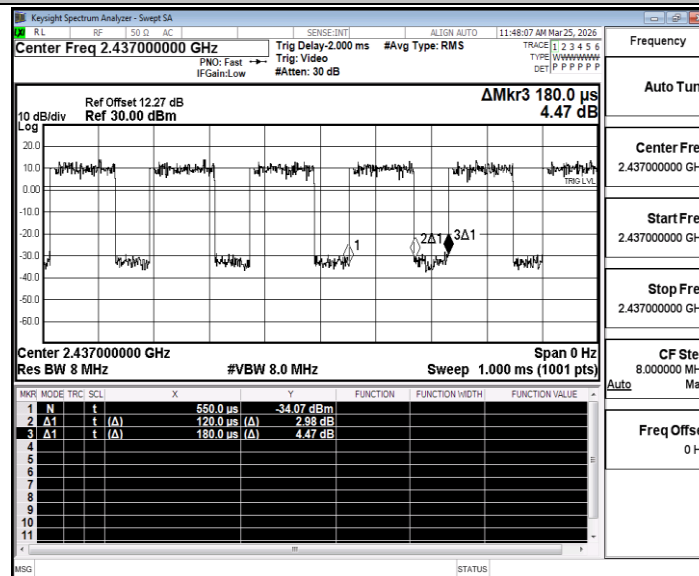
11B Ant1 2462



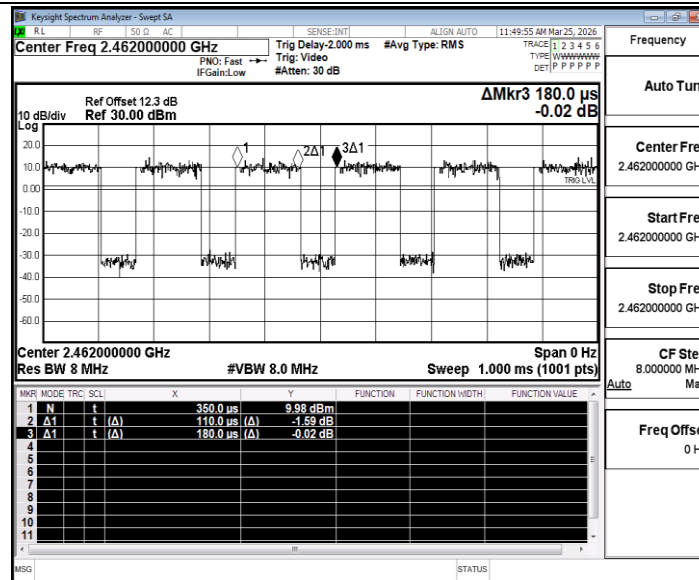
11G\_Ant1\_2412



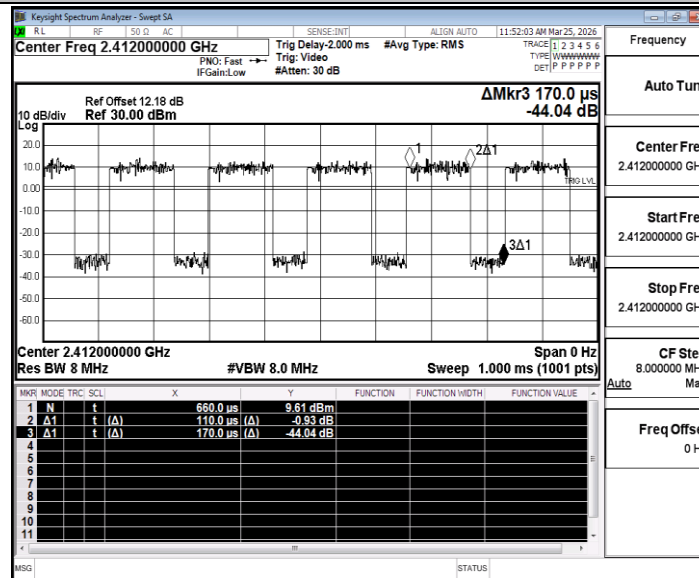
11G\_Ant1\_2437



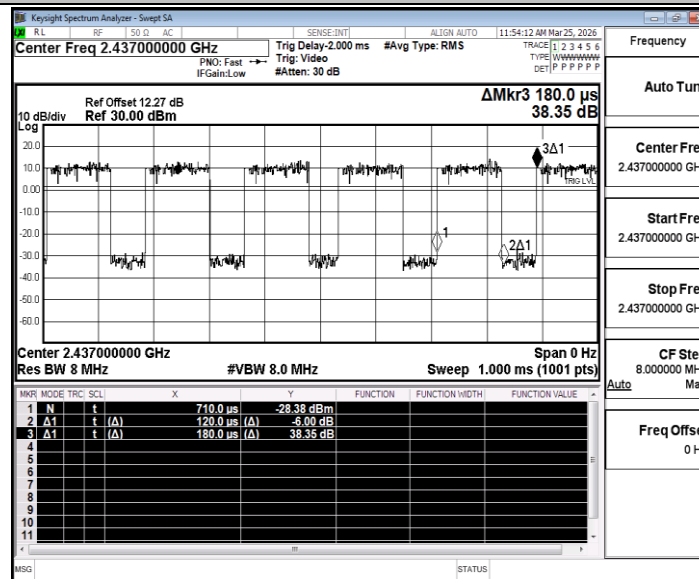
11G\_Ant1\_2462



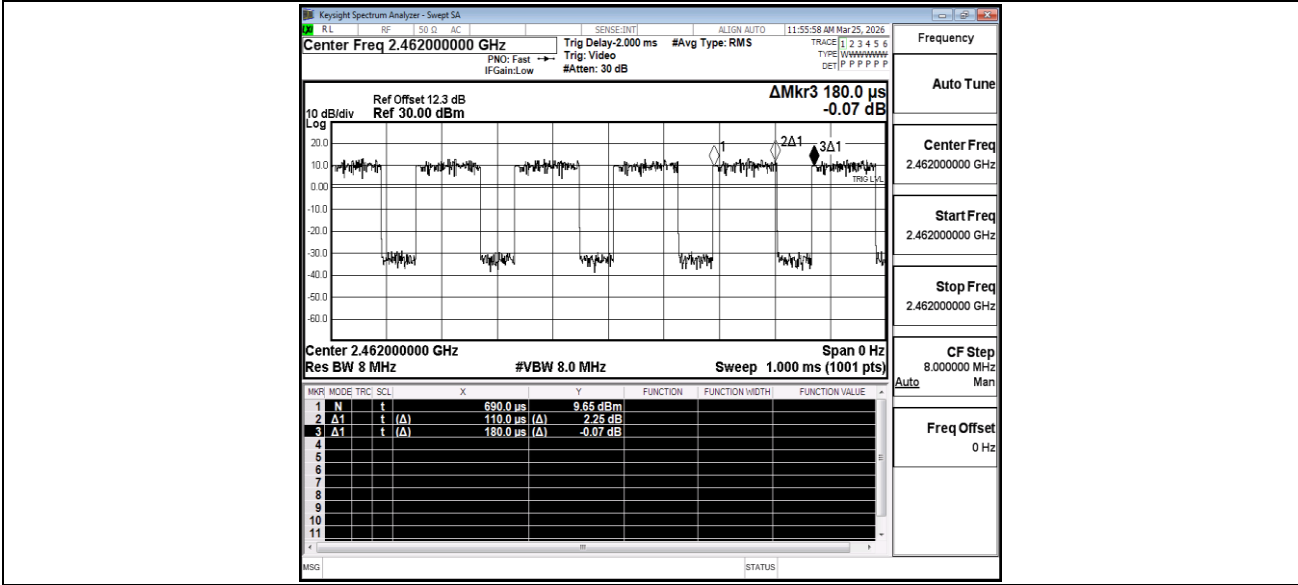
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



## B.7 Emissions in Restricted Bands

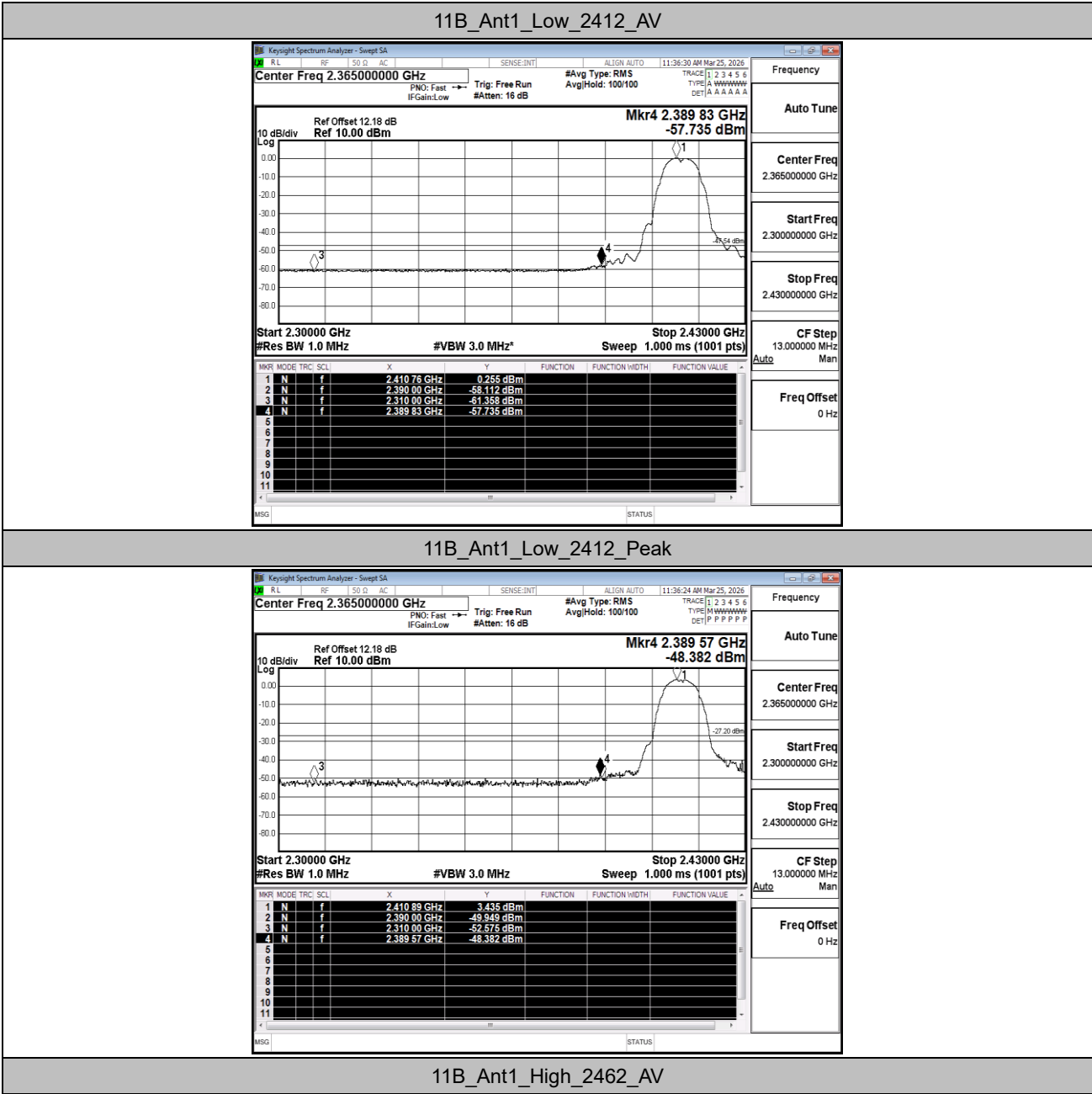
### Test Result

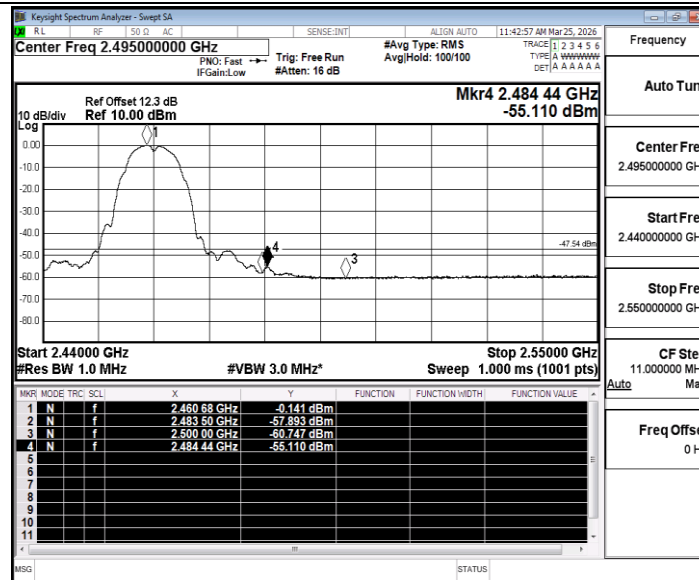
| Test Mode         | Antenna | ChName | Frequency [MHz] | Dete ctor | Freq [MHz] | Result [dBm] | Limit [dBm] | Gain [dBi] | DC Factor [dB] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|-------------------|---------|--------|-----------------|-----------|------------|--------------|-------------|------------|----------------|-----------------|----------------|---------|
| 11B               | Ant1    | Low    | 2412            | AV        | 2310.000   | -61.36       | ≤-47.54     | 2.26       | 0.34           | 36.44           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2389.830   | -57.73       | ≤-47.54     | 2.26       | 0.34           | 40.07           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2390.000   | -58.11       | ≤-47.54     | 2.26       | 0.34           | 39.69           | ≤54            | PASS    |
|                   |         |        |                 | Peak      | 2310.000   | -52.58       | ≤-27.20     | 2.26       | 0.00           | 44.88           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2389.570   | -48.38       | ≤-27.20     | 2.26       | 0.00           | 49.08           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2390.000   | -49.95       | ≤-27.20     | 2.26       | 0.00           | 47.51           | ≤74            | PASS    |
|                   |         | High   | 2462            | AV        | 2483.500   | -57.89       | ≤-47.54     | 2.26       | 0.34           | 39.91           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2484.440   | -55.11       | ≤-47.54     | 2.26       | 0.34           | 42.69           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2500.000   | -60.75       | ≤-47.54     | 2.26       | 0.34           | 37.05           | ≤54            | PASS    |
|                   |         |        |                 | Peak      | 2483.500   | -45.51       | ≤-27.20     | 2.26       | 0.00           | 51.95           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2486.200   | -46.6        | ≤-27.20     | 2.26       | 0.00           | 50.86           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2500.000   | -53.18       | ≤-27.20     | 2.26       | 0.00           | 44.28           | ≤74            | PASS    |
| 11G               | Ant1    | Low    | 2412            | AV        | 2310.000   | -61.03       | ≤-48.96     | 2.26       | 1.76           | 38.19           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2389.310   | -53.44       | ≤-48.96     | 2.26       | 1.76           | 45.78           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2390.000   | -54.06       | ≤-48.96     | 2.26       | 1.76           | 45.16           | ≤54            | PASS    |
|                   |         |        |                 | Peak      | 2310.000   | -54.58       | ≤-27.20     | 2.26       | 0.00           | 42.88           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2388.660   | -33.9        | ≤-27.20     | 2.26       | 0.00           | 63.56           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2390.000   | -43.47       | ≤-27.20     | 2.26       | 0.00           | 53.99           | ≤74            | PASS    |
|                   |         | High   | 2462            | AV        | 2483.500   | -50.95       | ≤-49.34     | 2.26       | 2.14           | 48.65           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2483.560   | -50.43       | ≤-49.34     | 2.26       | 2.14           | 49.17           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2500.000   | -60.26       | ≤-49.34     | 2.26       | 2.14           | 39.34           | ≤54            | PASS    |
|                   |         |        |                 | Peak      | 2483.500   | -38.21       | ≤-27.20     | 2.26       | 0.00           | 59.25           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2483.890   | -33          | ≤-27.20     | 2.26       | 0.00           | 64.46           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2500.000   | -53.56       | ≤-27.20     | 2.26       | 0.00           | 43.9            | ≤74            | PASS    |
| 11N2<br>OSIS<br>O | Ant1    | Low    | 2412            | AV        | 2310.000   | -60.8        | ≤-49.09     | 2.26       | 1.89           | 38.55           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2389.180   | -50.72       | ≤-49.09     | 2.26       | 1.89           | 48.63           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2390.000   | -54.36       | ≤-49.09     | 2.26       | 1.89           | 44.99           | ≤54            | PASS    |
|                   |         |        |                 | Peak      | 2310.000   | -52.37       | ≤-27.20     | 2.26       | 0.00           | 45.09           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2387.230   | -36.64       | ≤-27.20     | 2.26       | 0.00           | 60.82           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2390.000   | -39.61       | ≤-27.20     | 2.26       | 0.00           | 57.85           | ≤74            | PASS    |
|                   |         | High   | 2462            | AV        | 2483.500   | -53.41       | ≤-49.34     | 2.26       | 2.14           | 46.19           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2484.000   | -51.74       | ≤-49.34     | 2.26       | 2.14           | 47.86           | ≤54            | PASS    |
|                   |         |        |                 | AV        | 2500.000   | -60.01       | ≤-49.34     | 2.26       | 2.14           | 39.59           | ≤54            | PASS    |
|                   |         |        |                 | Peak      | 2483.500   | -37          | ≤-27.20     | 2.26       | 0.00           | 60.46           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2484.550   | -35.45       | ≤-27.20     | 2.26       | 0.00           | 62.01           | ≤74            | PASS    |
|                   |         |        |                 | Peak      | 2500.000   | -52.77       | ≤-27.20     | 2.26       | 0.00           | 44.69           | ≤74            | PASS    |

**Note:**

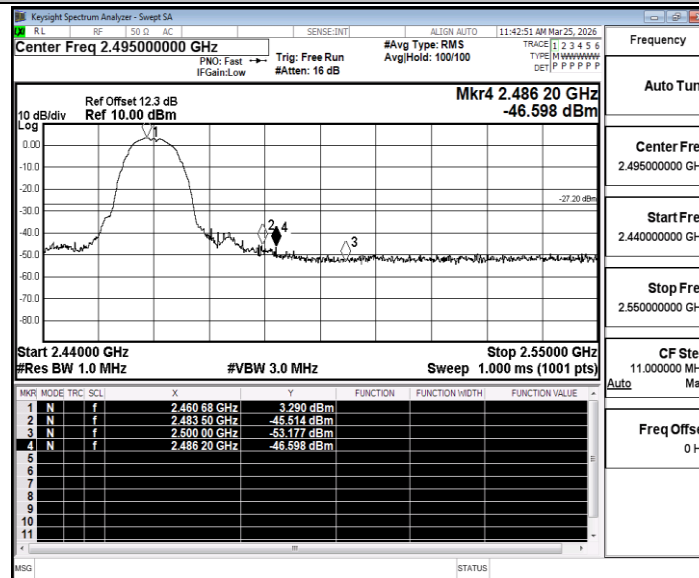
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

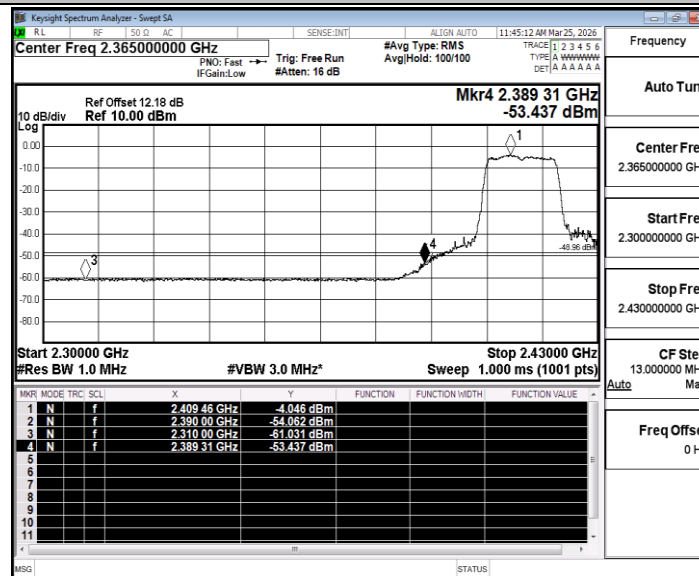




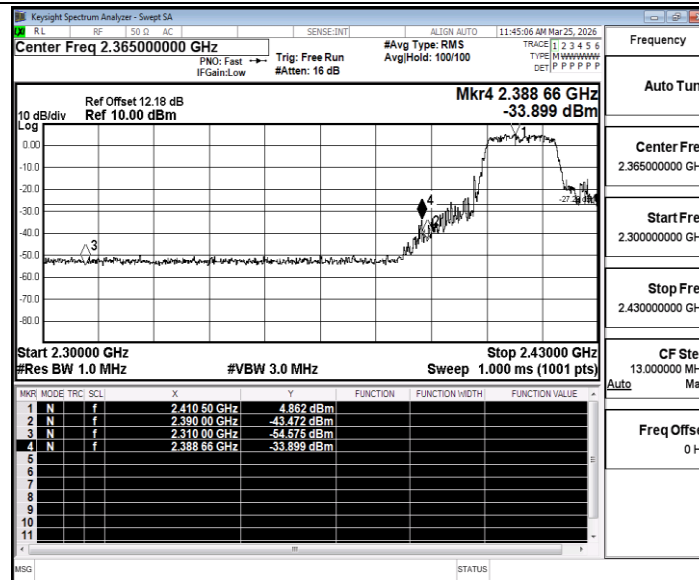
11B\_Ant1\_High\_2462\_Peak



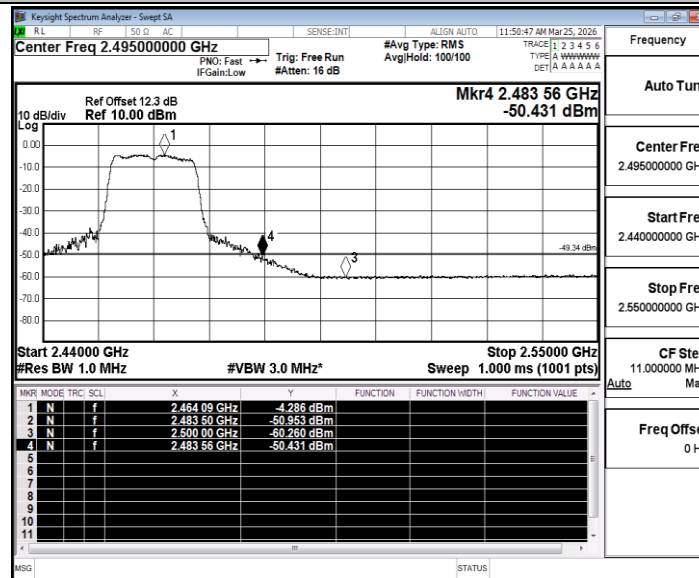
11G\_Ant1\_Low\_2412\_AV



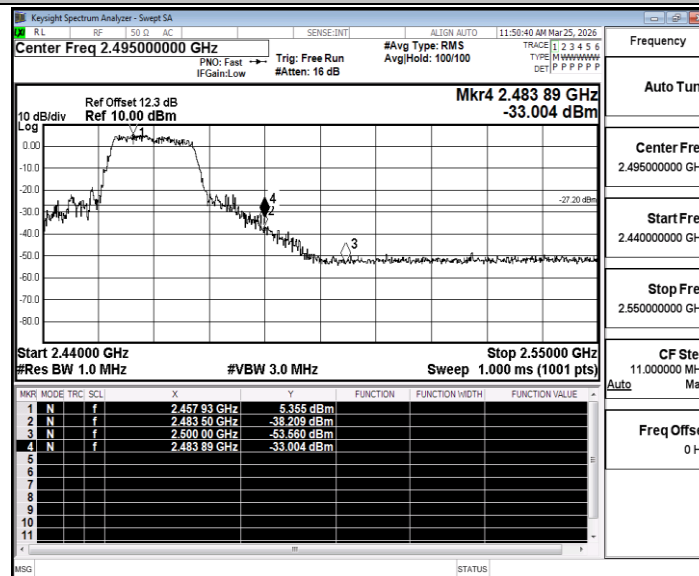
11G\_Ant1\_Low\_2412\_Peak



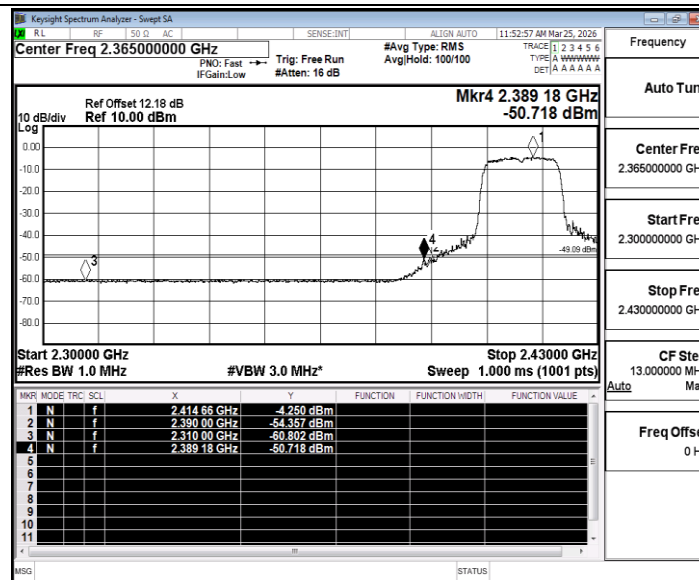
11G\_Ant1\_High\_2462\_AV



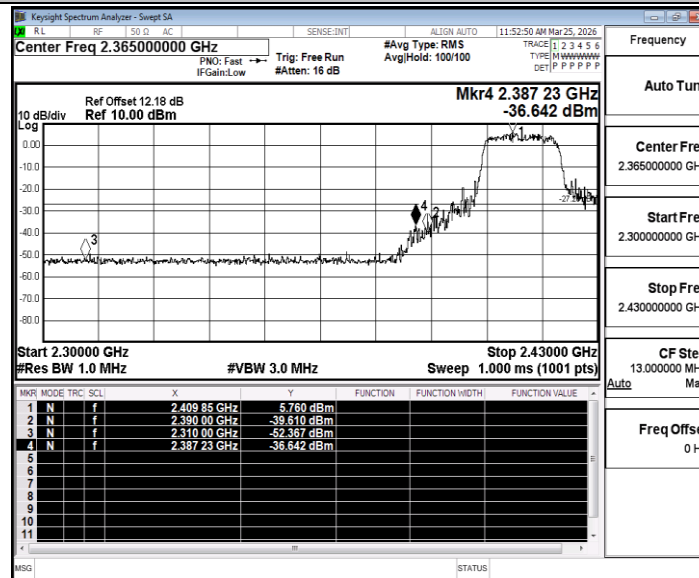
11G\_Ant1\_High\_2462\_Peak



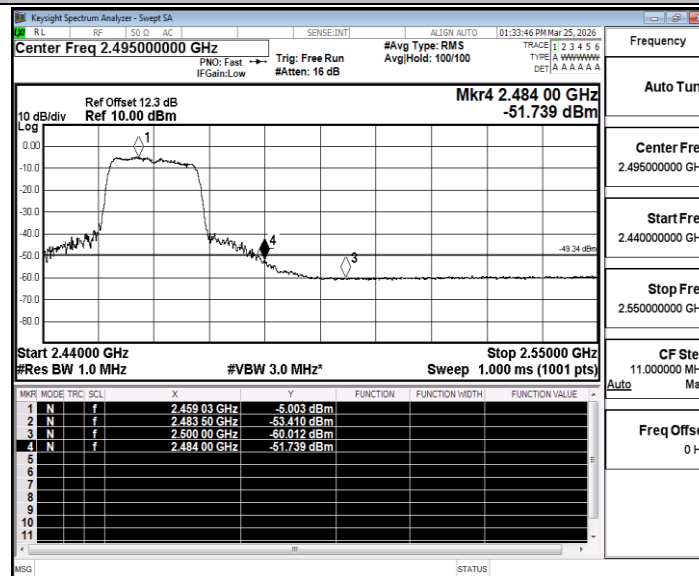
11N20SISO\_Ant1\_Low\_2412\_AV



11N20SISO\_Ant1\_Low\_2412\_Peak



11N20SISO\_Ant1\_High\_2462\_AV



11N20SISO\_Ant1\_High\_2462\_Peak

