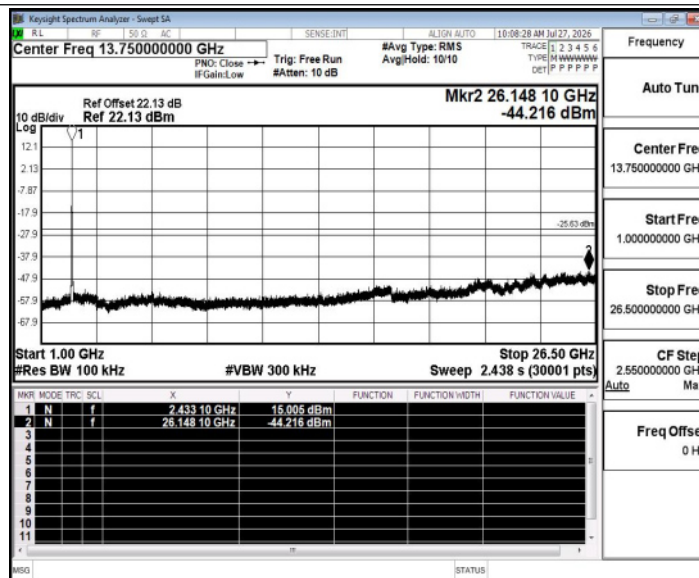
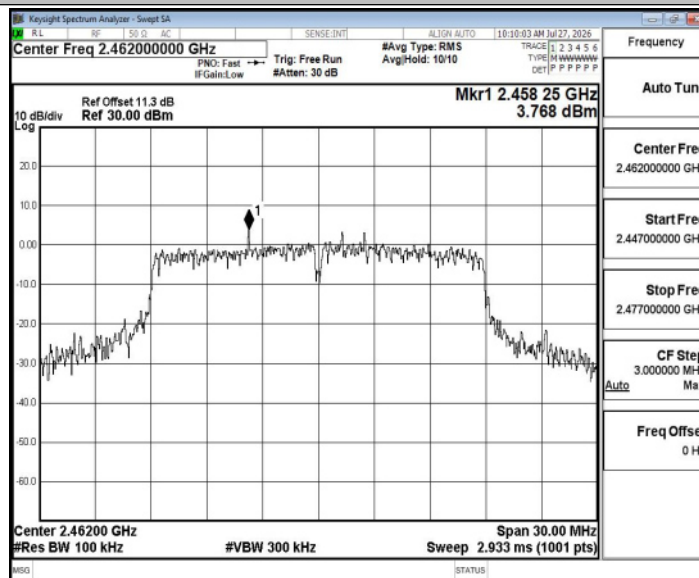
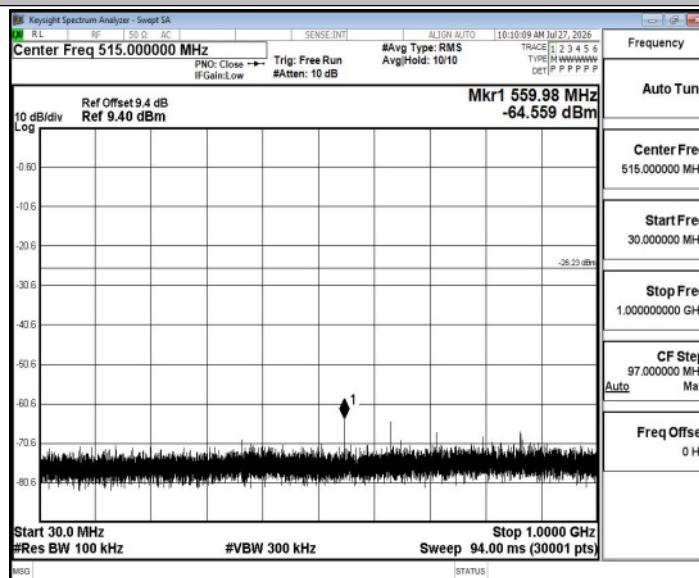




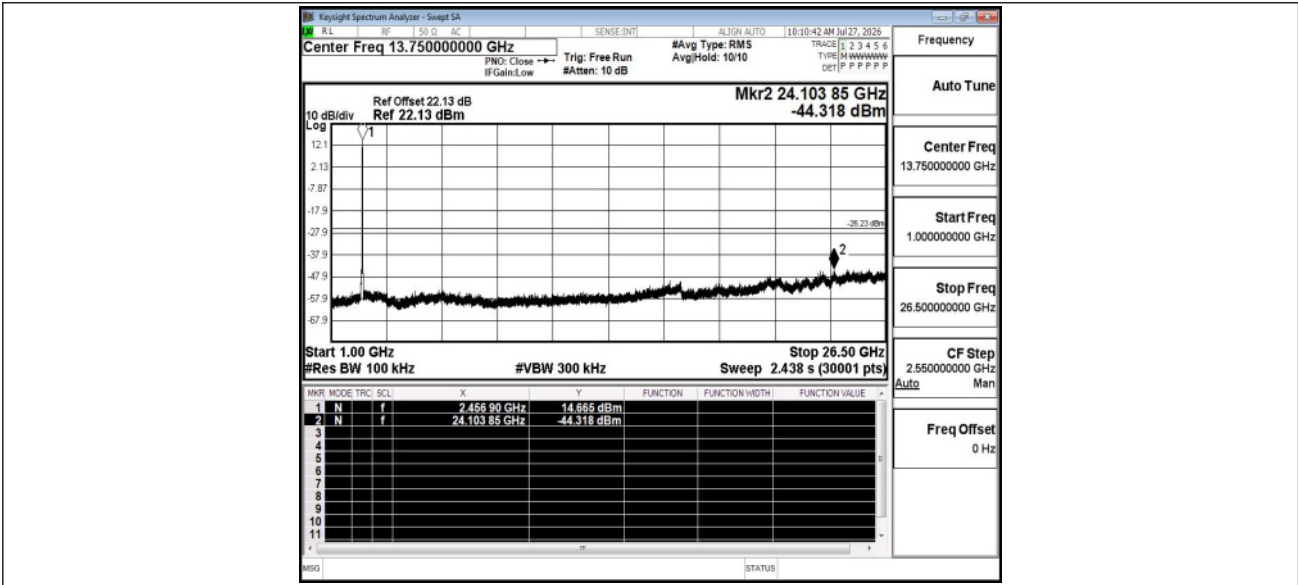
11N20SISO\_Ant1\_2462\_0~Reference



11N20SISO\_Ant1\_2462\_30~1000



11N20SISO\_Ant1\_2462\_1000~26500



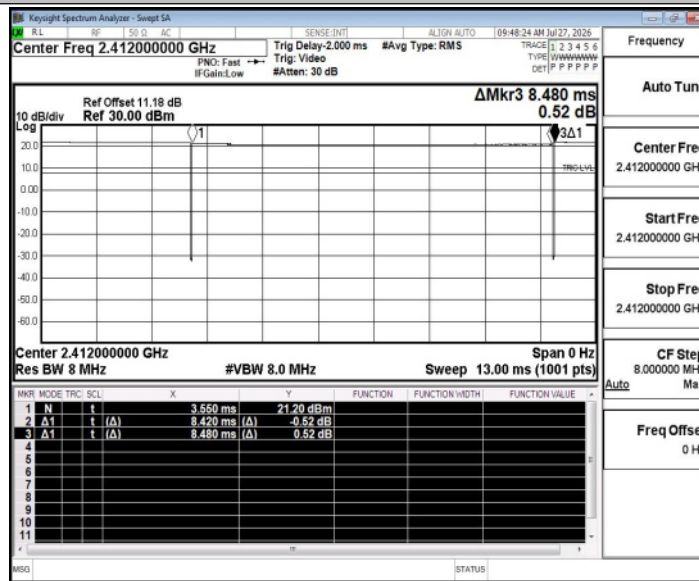
## B.6 Duty Cycle

### Test Result

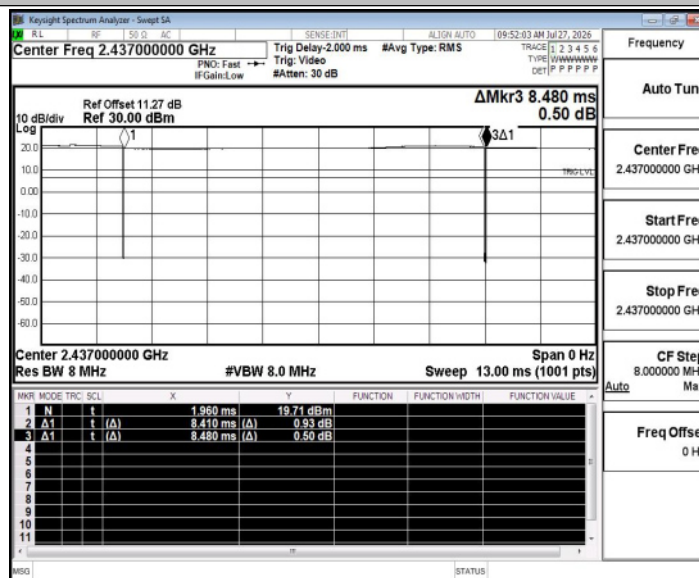
| TestMode  | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | xFactor |
|-----------|---------|----------------|----------------------------|--------------------------|----------------|---------|
| 11B       | Ant1    | 2412           | 8.42                       | 8.48                     | 99.29          | 0.03    |
|           |         | 2437           | 8.41                       | 8.48                     | 99.17          | 0.04    |
|           |         | 2462           | 8.43                       | 8.47                     | 99.53          | 0.02    |
| 11G       | Ant1    | 2412           | 1.39                       | 1.45                     | 95.86          | 0.18    |
|           |         | 2437           | 1.40                       | 1.46                     | 95.89          | 0.18    |
|           |         | 2462           | 1.39                       | 1.45                     | 95.86          | 0.18    |
| 11N20SISO | Ant1    | 2412           | 1.31                       | 1.37                     | 95.62          | 0.19    |
|           |         | 2437           | 1.30                       | 1.36                     | 95.59          | 0.20    |
|           |         | 2462           | 1.31                       | 1.37                     | 95.62          | 0.19    |

## Test Graphs

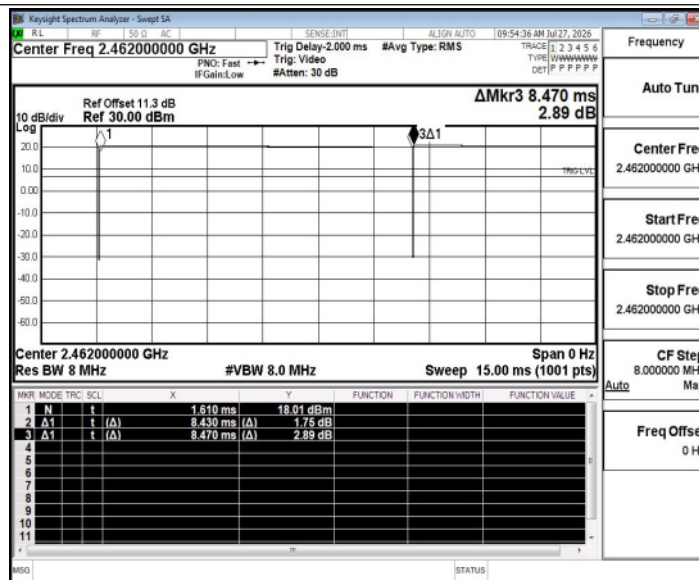
11B\_Ant1\_2412



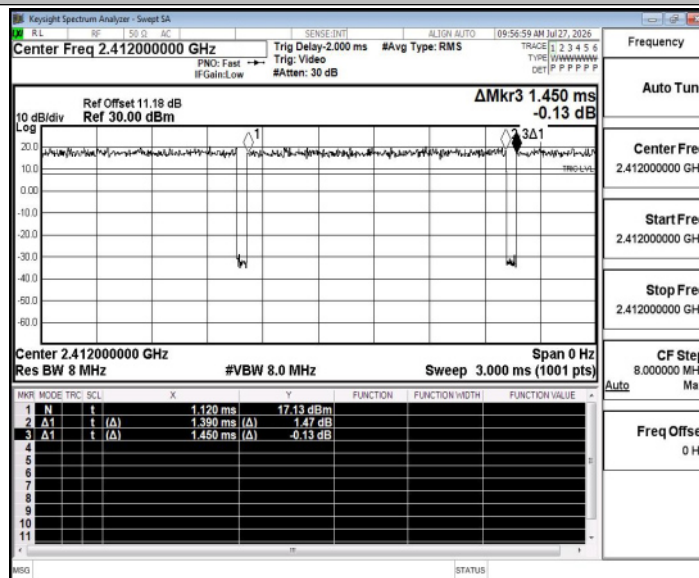
11B\_Ant1\_2437



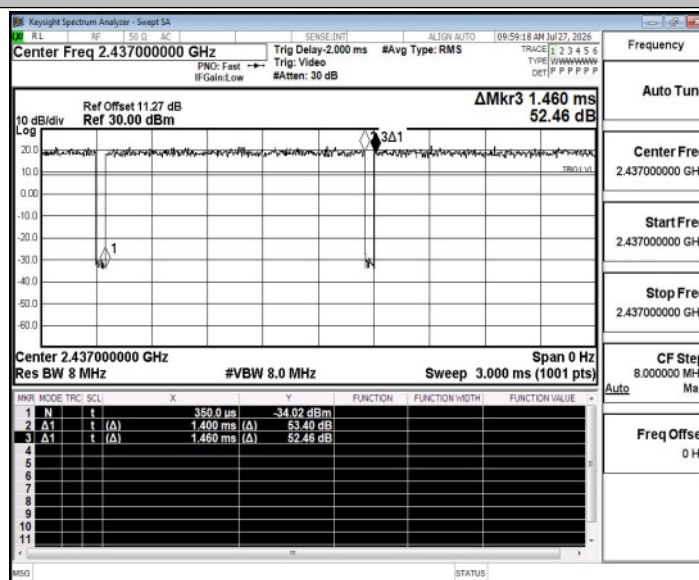
11B\_Ant1\_2462



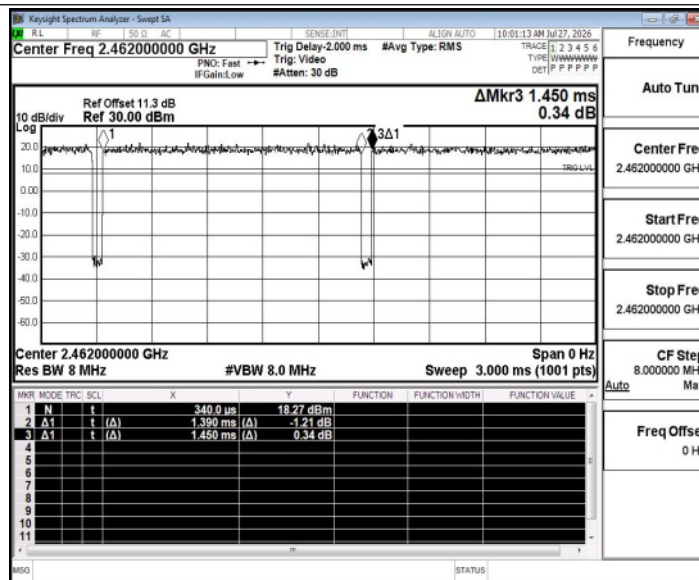
11G\_Ant1\_2412



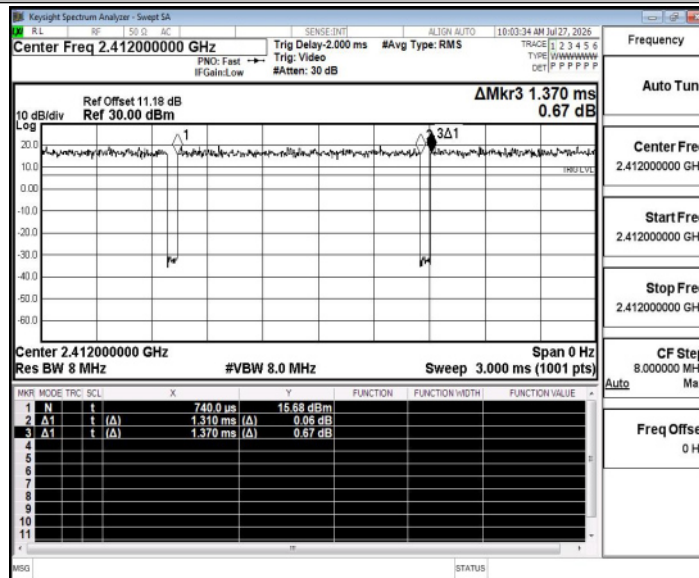
11G\_Ant1\_2437



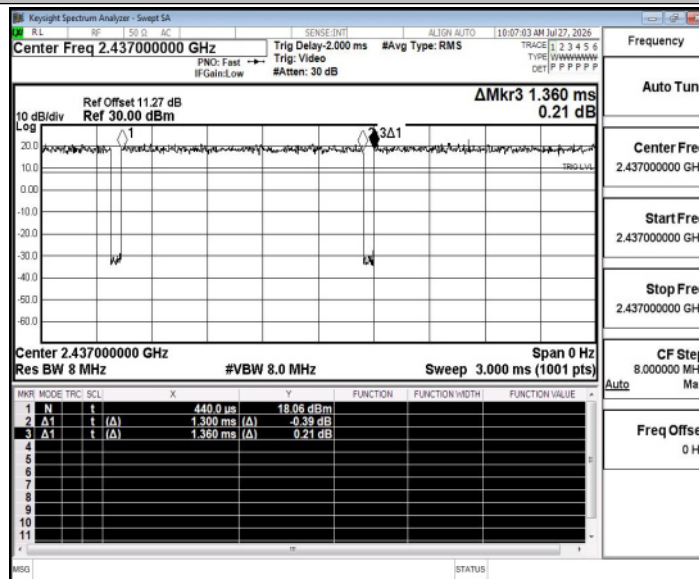
11G\_Ant1\_2462



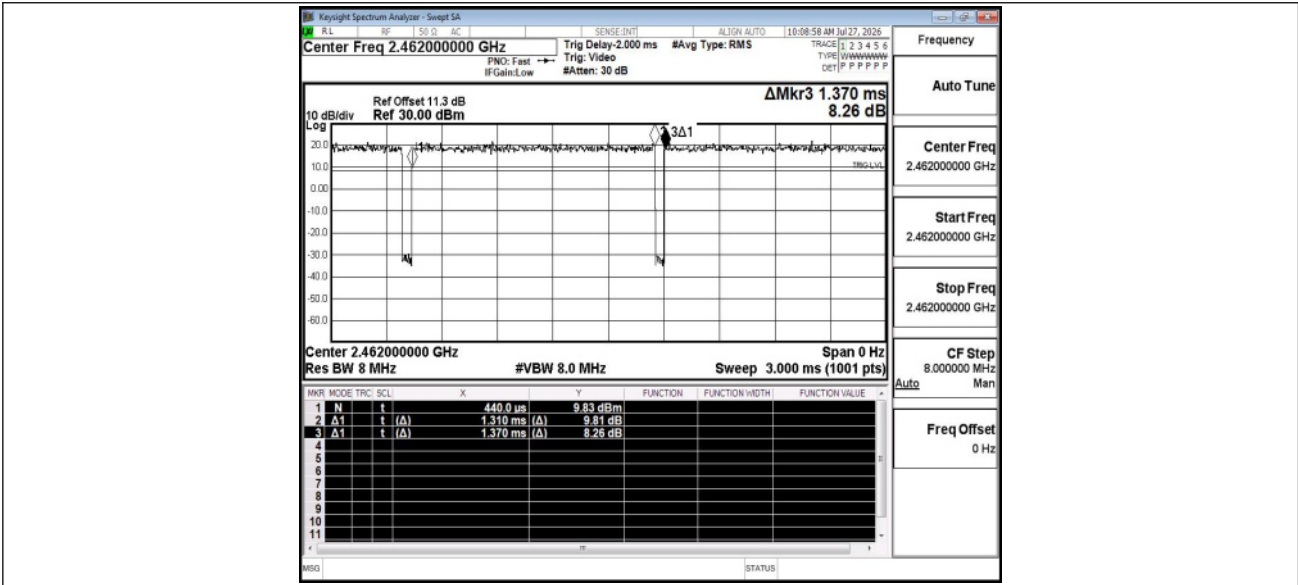
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



## B.7 Emissions in Restricted Bands

### Test Result

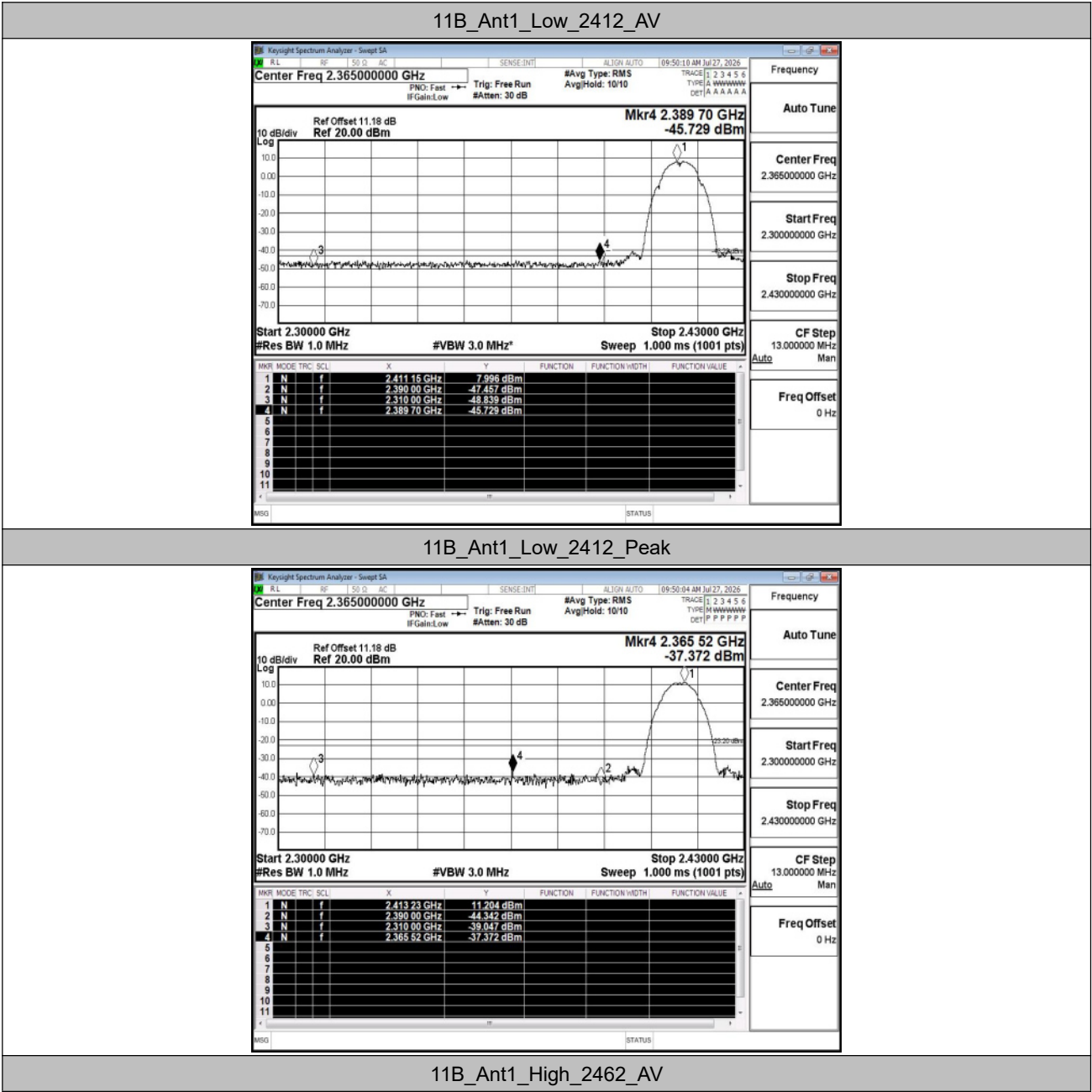
| Test Mode  | Antenna | Channel Name | Frequency [MHz] | Detect or | Freq [MHz] | Result [dBm] | Limit [dBm] | Gain [dBi] | DC Factor [dB] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|------------|---------|--------------|-----------------|-----------|------------|--------------|-------------|------------|----------------|-----------------|----------------|---------|
| 11B        | Ant1    | Low          | 2412            | AV        | 2310.000   | -48.84       | ≤-43.23     | 3.21       | 0.03           | 49.63           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2389.700   | -45.73       | ≤-43.23     | 3.21       | 0.03           | 52.77           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2390.000   | -47.46       | ≤-43.23     | 3.21       | 0.03           | 51.01           | ≤54            | PASS    |
|            |         |              |                 | Peak      | 2310.000   | -39.05       | ≤-23.20     | 3.21       | 0.00           | 59.42           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2365.520   | -37.37       | ≤-23.20     | 3.21       | 0.00           | 61.10           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2390.000   | -44.34       | ≤-23.20     | 3.21       | 0.00           | 54.13           | ≤74            | PASS    |
|            |         | High         | 2462            | AV        | 2483.500   | -46.1        | ≤-43.22     | 3.21       | 0.02           | 52.37           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2484.220   | -45.27       | ≤-43.22     | 3.21       | 0.02           | 53.22           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2500.000   | -45.46       | ≤-43.22     | 3.21       | 0.02           | 53.01           | ≤54            | PASS    |
|            |         |              |                 | Peak      | 2483.500   | -39.95       | ≤-23.20     | 3.21       | 0.00           | 58.52           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2488.290   | -38.34       | ≤-23.20     | 3.21       | 0.00           | 60.13           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2500.000   | -41.85       | ≤-23.20     | 3.21       | 0.00           | 56.62           | ≤74            | PASS    |
| 11G        | Ant1    | Low          | 2412            | AV        | 2310.000   | -47.86       | ≤-43.38     | 3.21       | 0.18           | 50.61           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2389.830   | -46.9        | ≤-43.38     | 3.21       | 0.18           | 51.75           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2390.000   | -47.15       | ≤-43.38     | 3.21       | 0.18           | 51.32           | ≤54            | PASS    |
|            |         |              |                 | Peak      | 2310.000   | -40          | ≤-23.20     | 3.21       | 0.00           | 58.47           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2318.720   | -36.12       | ≤-23.20     | 3.21       | 0.00           | 62.35           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2390.000   | -38.63       | ≤-23.20     | 3.21       | 0.00           | 59.84           | ≤74            | PASS    |
|            |         | High         | 2462            | AV        | 2483.500   | -45.51       | ≤-43.38     | 3.21       | 0.18           | 52.96           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2483.670   | -45.58       | ≤-43.38     | 3.21       | 0.18           | 53.07           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2500.000   | -47.67       | ≤-43.38     | 3.21       | 0.18           | 50.80           | ≤54            | PASS    |
|            |         |              |                 | Peak      | 2483.500   | -34.75       | ≤-23.20     | 3.21       | 0.00           | 63.72           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2487.300   | -36.6        | ≤-23.20     | 3.21       | 0.00           | 61.87           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2500.000   | -40.26       | ≤-23.20     | 3.21       | 0.00           | 58.21           | ≤74            | PASS    |
| 11N20 SISO | Ant1    | Low          | 2412            | AV        | 2310.000   | -47.82       | ≤-43.39     | 3.21       | 0.19           | 50.65           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2389.960   | -46.25       | ≤-43.39     | 3.21       | 0.19           | 52.41           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2390.000   | -46.25       | ≤-43.39     | 3.21       | 0.19           | 52.22           | ≤54            | PASS    |
|            |         |              |                 | Peak      | 2310.000   | -38.76       | ≤-23.20     | 3.21       | 0.00           | 59.71           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2364.870   | -36.98       | ≤-23.20     | 3.21       | 0.00           | 61.49           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2390.000   | -37.06       | ≤-23.20     | 3.21       | 0.00           | 61.41           | ≤74            | PASS    |
|            |         | High         | 2462            | AV        | 2483.500   | -45.6        | ≤-43.39     | 3.21       | 0.19           | 52.87           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2483.560   | -45.07       | ≤-43.39     | 3.21       | 0.19           | 53.59           | ≤54            | PASS    |
|            |         |              |                 | AV        | 2500.000   | -47.87       | ≤-43.39     | 3.21       | 0.19           | 50.60           | ≤54            | PASS    |
|            |         |              |                 | Peak      | 2483.500   | -33.13       | ≤-23.20     | 3.21       | 0.00           | 65.34           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2483.560   | -36.74       | ≤-23.20     | 3.21       | 0.00           | 61.73           | ≤74            | PASS    |
|            |         |              |                 | Peak      | 2500.000   | -39.87       | ≤-23.20     | 3.21       | 0.00           | 58.60           | ≤74            | PASS    |

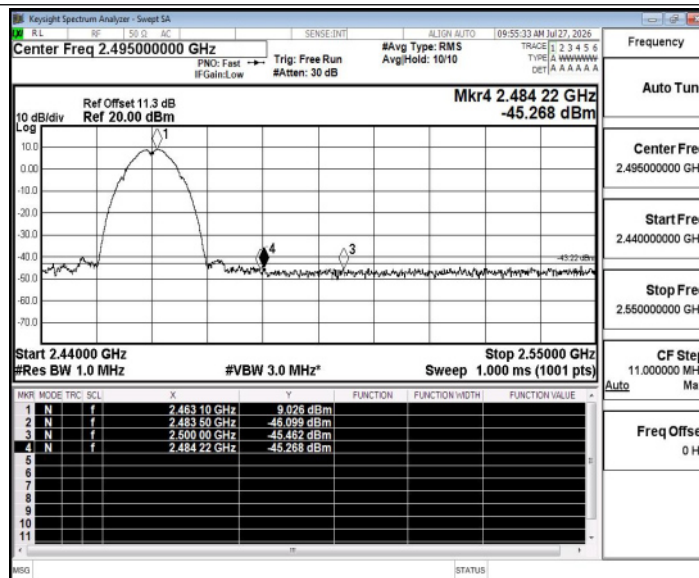
Note :offset=System attenuation +cable loss

**Note:**

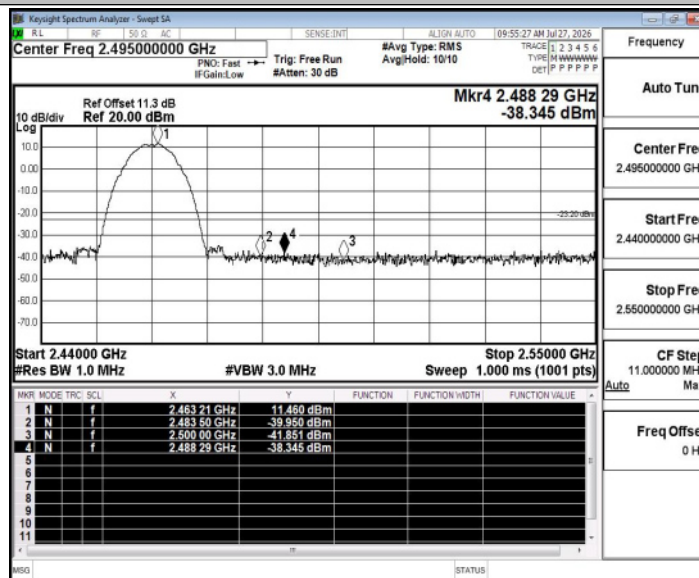
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

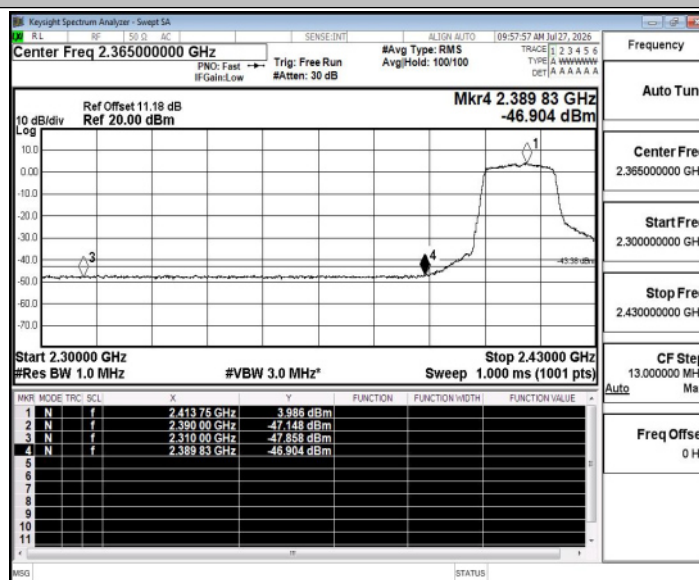




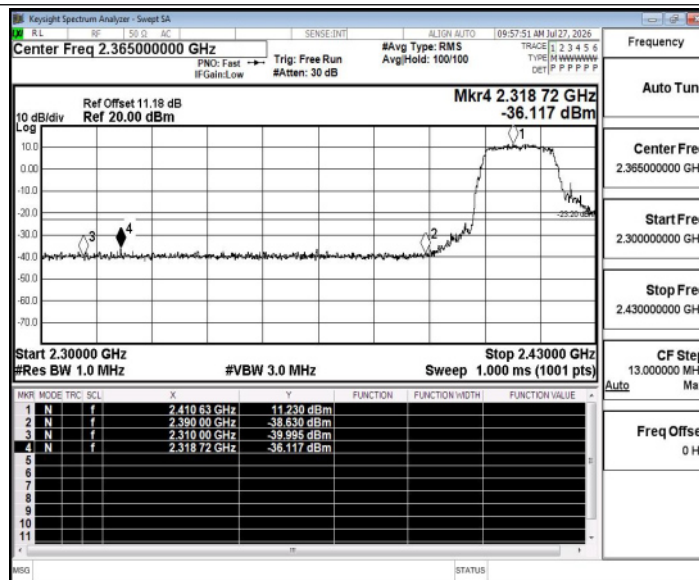
11B\_Ant1\_High\_2462\_Peak



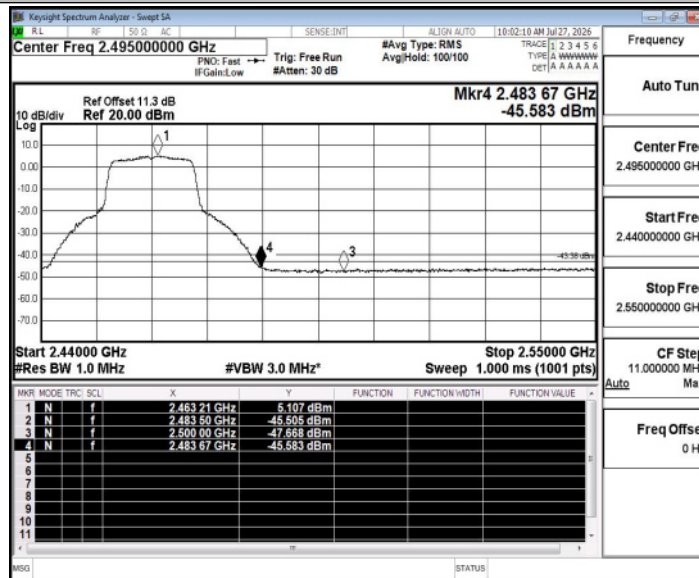
11G\_Ant1\_Low\_2412\_AV



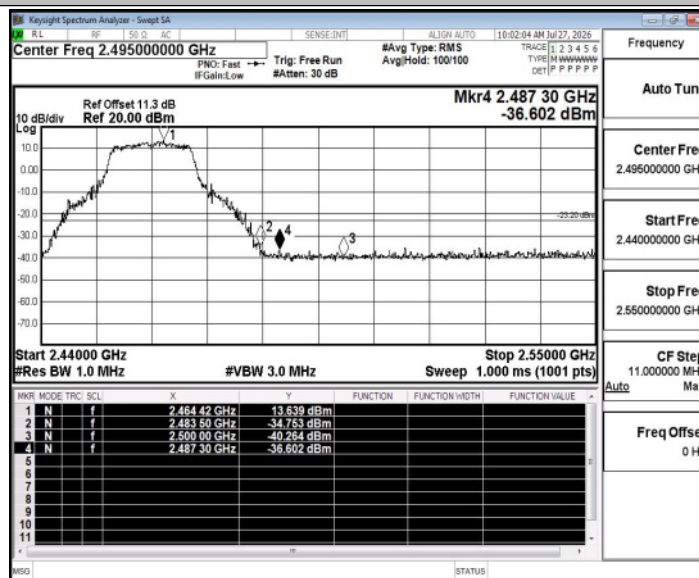
11G\_Ant1\_Low\_2412\_Peak



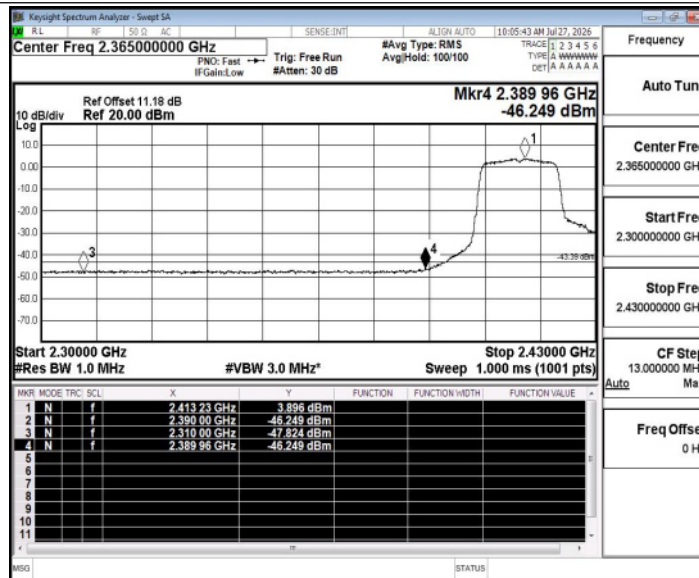
11G\_Ant1\_High\_2462\_AV



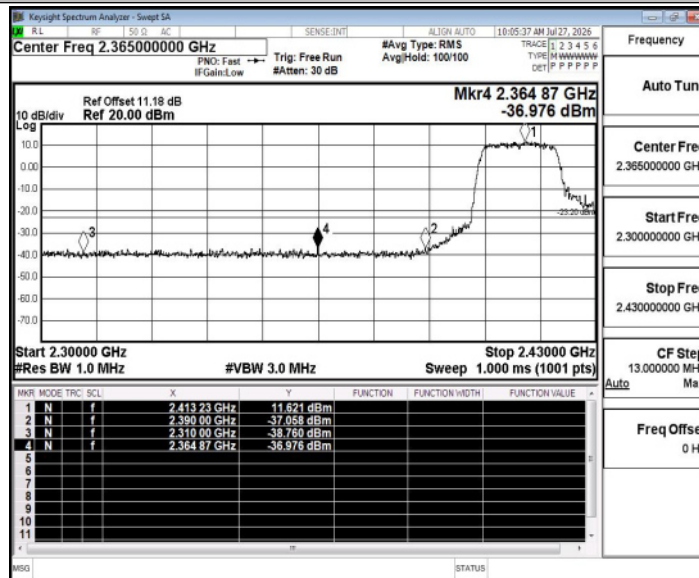
11G\_Ant1\_High\_2462\_Peak



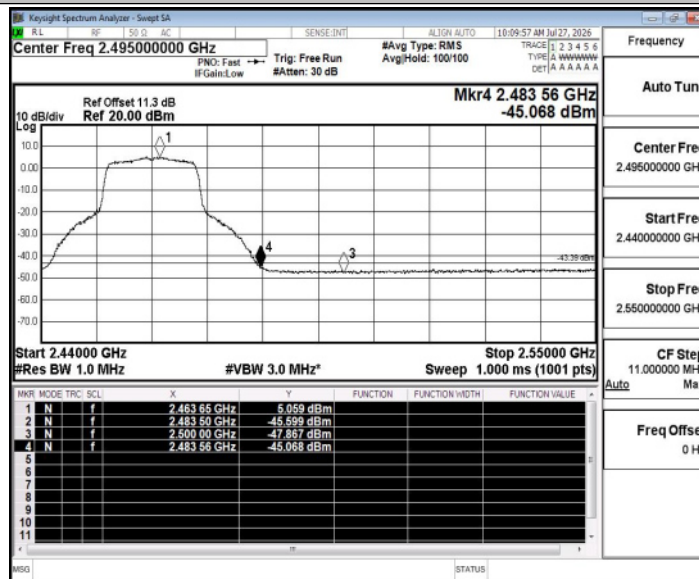
11N20SISO\_Ant1\_Low\_2412\_AV



11N20SISO\_Ant1\_Low\_2412\_Peak



11N20SISO\_Ant1\_High\_2462\_AV



11N20SISO\_Ant1\_High\_2462\_Peak

