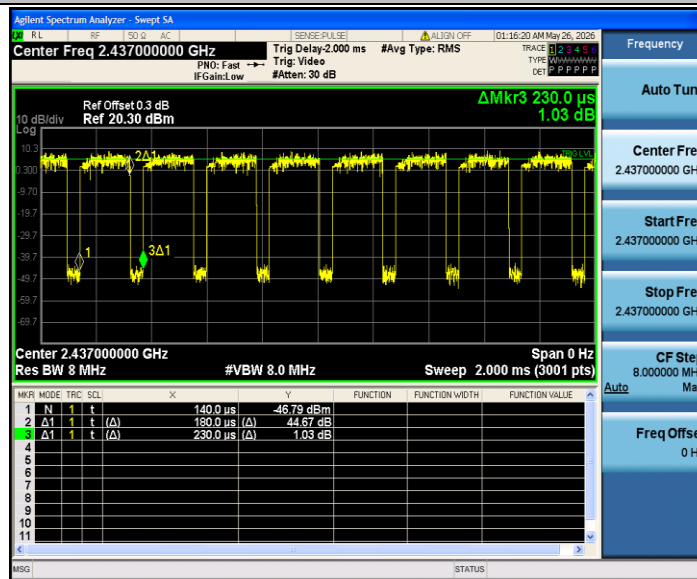
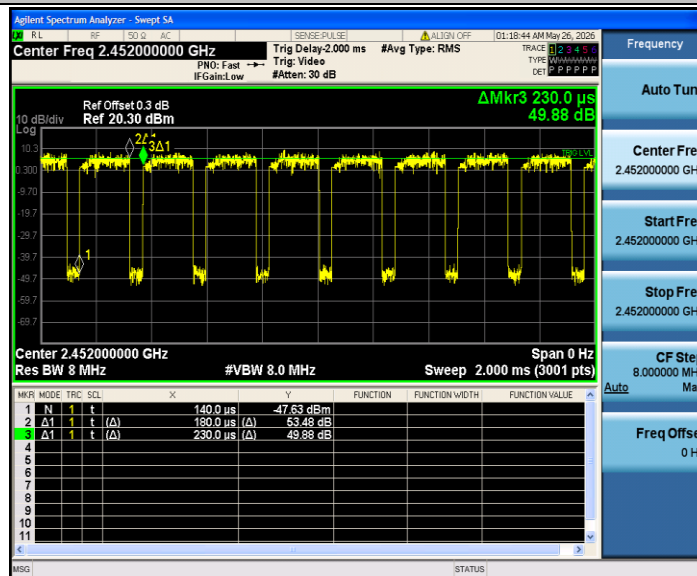


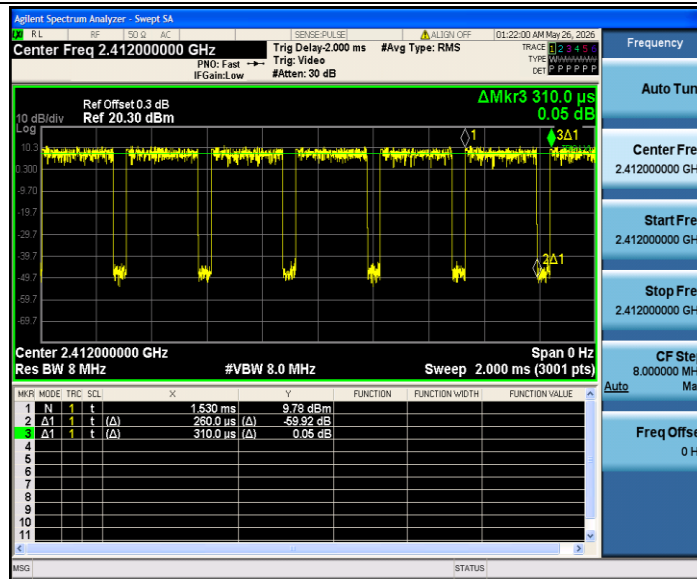
# 11N40SISO\_Ant1\_2437



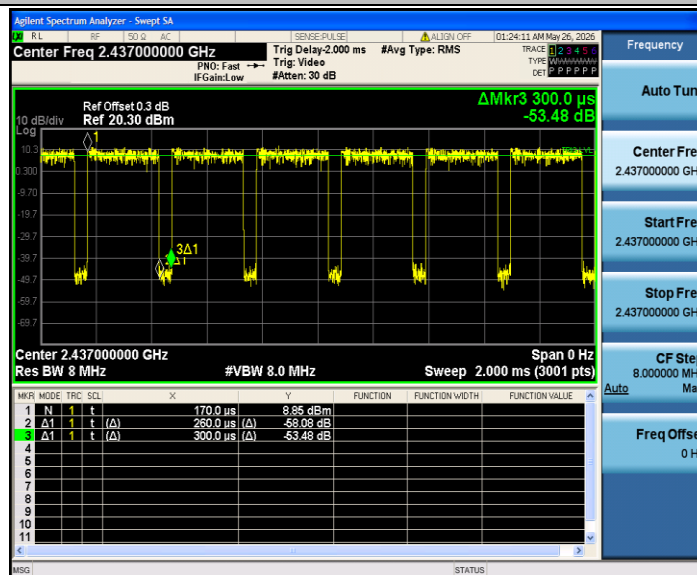
# 11N40SISO\_Ant1\_2452



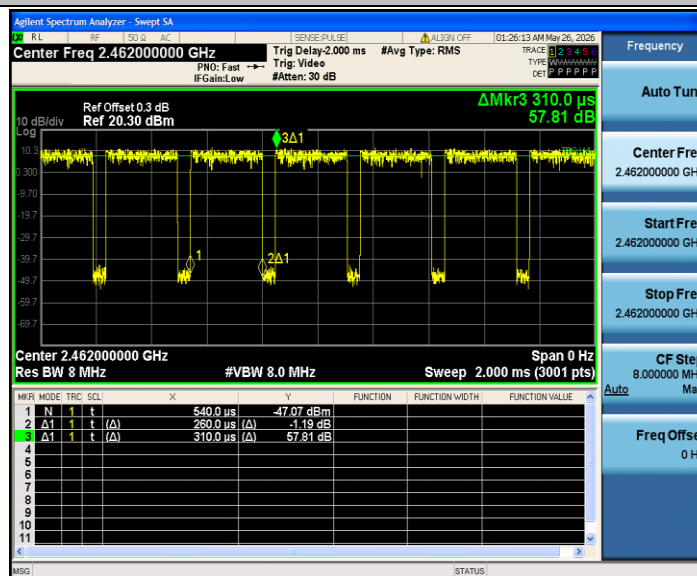
# 11AX20SISO\_Ant1\_2412



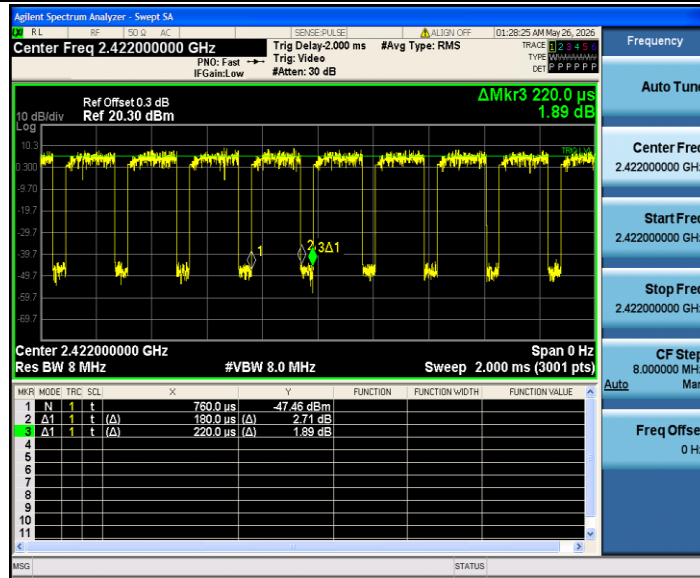
11AX20SISO\_Ant1\_2437



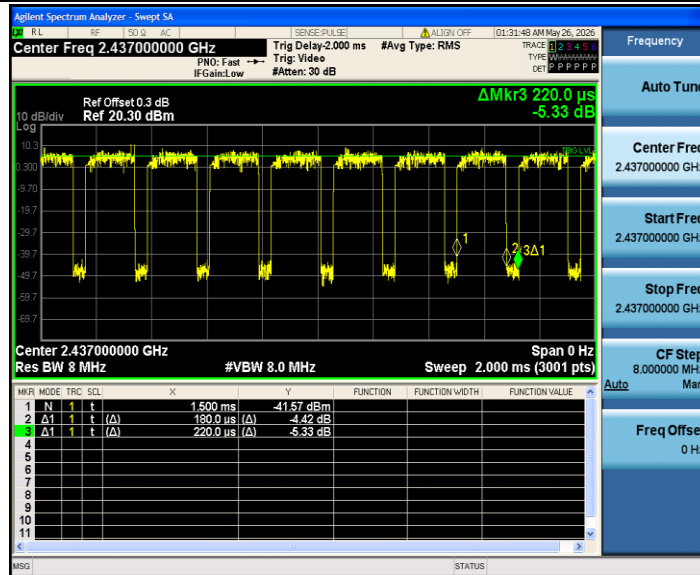
11AX20SISO\_Ant1\_2462



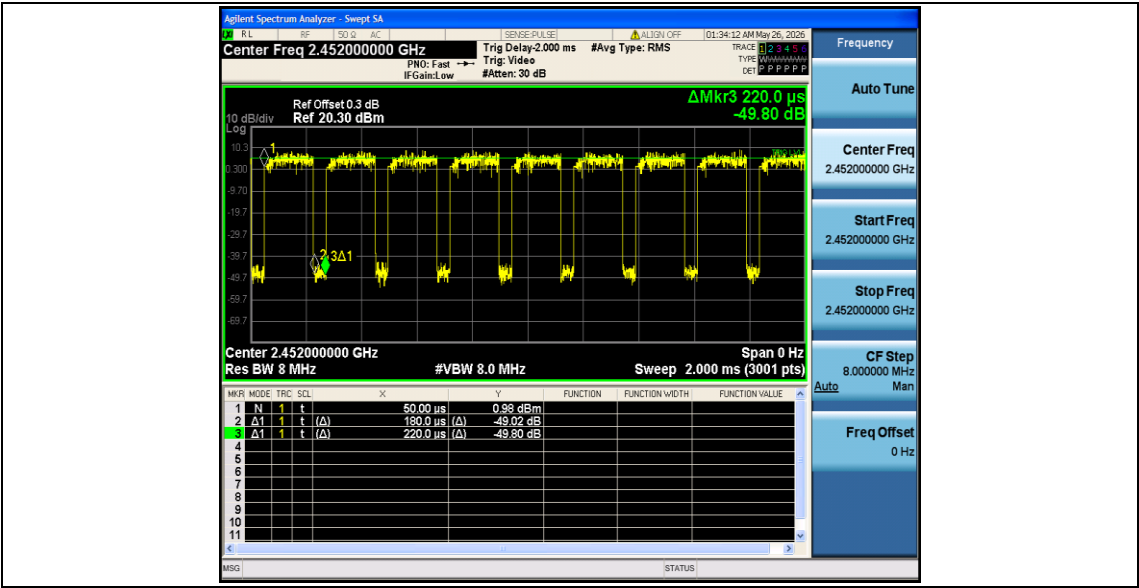
# 11AX40SISO\_Ant1\_2422



# 11AX40SISO\_Ant1\_2437



# 11AX40SISO\_Ant1\_2452



## Appendix H: Emissions in Restricted Bands

### Test Result

| TestMod<br>e  | Antenn<br>a | ChNam<br>e | Frequenc<br>y[MHz] | Detector | Freq<br>[MHz] | Result<br>[dBm] | Gain<br>[dB] | DC<br>Factor<br>[dB] | Result<br>[dBuV/m] | Limit<br>[dBuV/m] | Verdict |
|---------------|-------------|------------|--------------------|----------|---------------|-----------------|--------------|----------------------|--------------------|-------------------|---------|
| 11B           | Ant1        | Low        | 2412               | AV       | 2310.000      | -59.55          | 2.00         | 0.03                 | 37.68              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2386.190      | -53.37          | 2.00         | 0.03                 | 43.86              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -56.54          | 2.00         | 0.03                 | 40.69              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -51.39          | 2.00         | 0.00                 | 45.81              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2385.410      | -46.38          | 2.00         | 0.00                 | 50.82              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -48.44          | 2.00         | 0.00                 | 48.76              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -56.13          | 2.00         | 0.03                 | 41.10              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2487.850      | -54.68          | 2.00         | 0.03                 | 42.55              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -58.15          | 2.00         | 0.03                 | 39.08              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -47.54          | 2.00         | 0.00                 | 49.66              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2484.000      | -46.85          | 2.00         | 0.00                 | 50.35              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -50.51          | 2.00         | 0.00                 | 46.69              | ≤74               | PASS    |
| 11G           | Ant1        | Low        | 2412               | AV       | 2310.000      | -59.91          | 2.00         | 1.25                 | 38.54              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2389.310      | -58.8           | 2.00         | 1.25                 | 39.65              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -59.23          | 2.00         | 1.25                 | 39.22              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -52.08          | 2.00         | 0.00                 | 45.12              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2346.280      | -48.2           | 2.00         | 0.00                 | 49.00              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -49.14          | 2.00         | 0.00                 | 48.06              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -58.34          | 2.00         | 1.33                 | 40.19              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2484.880      | -58.48          | 2.00         | 1.33                 | 40.05              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -58.94          | 2.00         | 1.33                 | 39.59              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -50.82          | 2.00         | 0.00                 | 46.38              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2494.450      | -47.56          | 2.00         | 0.00                 | 49.64              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -48.41          | 2.00         | 0.00                 | 48.79              | ≤74               | PASS    |
| 11N20SI<br>SO | Ant1        | Low        | 2412               | AV       | 2310.000      | -60.09          | 2.00         | 1.06                 | 38.17              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2387.750      | -58.71          | 2.00         | 1.06                 | 39.55              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2390.000      | -59.41          | 2.00         | 1.06                 | 38.85              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2310.000      | -51.44          | 2.00         | 0.00                 | 45.76              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2379.820      | -48.46          | 2.00         | 0.00                 | 48.74              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2390.000      | -51.22          | 2.00         | 0.00                 | 45.98              | ≤74               | PASS    |
|               |             | High       | 2462               | AV       | 2483.500      | -58.56          | 2.00         | 1.06                 | 39.70              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2485.760      | -58.51          | 2.00         | 1.06                 | 39.75              | ≤54               | PASS    |
|               |             |            |                    | AV       | 2500.000      | -59.43          | 2.00         | 1.06                 | 38.83              | ≤54               | PASS    |
|               |             |            |                    | Peak     | 2483.500      | -50.67          | 2.00         | 0.00                 | 46.53              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2493.460      | -49.01          | 2.00         | 0.00                 | 48.19              | ≤74               | PASS    |
|               |             |            |                    | Peak     | 2500.000      | -51.05          | 2.00         | 0.00                 | 46.15              | ≤74               | PASS    |

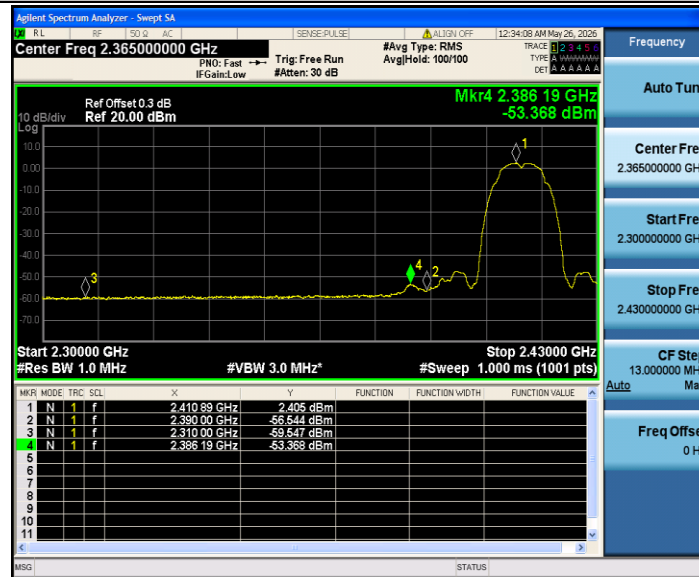
|                |      |      |      |      |          |        |      |      |       |     |      |
|----------------|------|------|------|------|----------|--------|------|------|-------|-----|------|
| 11N40SI<br>SO  | Ant1 | Low  | 2422 | AV   | 2310.000 | -60.03 | 2.00 | 0.87 | 38.04 | ≤54 | PASS |
|                |      |      |      | AV   | 2388.800 | -58.05 | 2.00 | 0.87 | 40.02 | ≤54 | PASS |
|                |      |      |      | AV   | 2390.000 | -58.04 | 2.00 | 0.87 | 40.03 | ≤54 | PASS |
|                |      |      |      | Peak | 2310.000 | -53.18 | 2.00 | 0.00 | 44.02 | ≤74 | PASS |
|                |      |      |      | Peak | 2388.650 | -47.94 | 2.00 | 0.00 | 49.26 | ≤74 | PASS |
|                |      |      |      | Peak | 2390.000 | -51.42 | 2.00 | 0.00 | 45.78 | ≤74 | PASS |
|                |      | High | 2452 | AV   | 2483.500 | -58.59 | 2.00 | 1.06 | 39.67 | ≤54 | PASS |
|                |      |      |      | AV   | 2494.750 | -58.01 | 2.00 | 1.06 | 40.25 | ≤54 | PASS |
|                |      |      |      | AV   | 2500.000 | -58.76 | 2.00 | 1.06 | 39.50 | ≤54 | PASS |
|                |      |      |      | Peak | 2483.500 | -49.94 | 2.00 | 0.00 | 47.26 | ≤74 | PASS |
|                |      |      |      | Peak | 2498.500 | -48.21 | 2.00 | 0.00 | 48.99 | ≤74 | PASS |
|                |      |      |      | Peak | 2500.000 | -50.14 | 2.00 | 0.00 | 47.06 | ≤74 | PASS |
| 11AX20S<br>ISO | Ant1 | Low  | 2412 | AV   | 2310.000 | -59.28 | 2.00 | 0.76 | 38.68 | ≤54 | PASS |
|                |      |      |      | AV   | 2389.180 | -58.37 | 2.00 | 0.76 | 39.59 | ≤54 | PASS |
|                |      |      |      | AV   | 2390.000 | -59.46 | 2.00 | 0.76 | 38.50 | ≤54 | PASS |
|                |      |      |      | Peak | 2310.000 | -52.13 | 2.00 | 0.00 | 45.07 | ≤74 | PASS |
|                |      |      |      | Peak | 2366.300 | -48.61 | 2.00 | 0.00 | 48.59 | ≤74 | PASS |
|                |      |      |      | Peak | 2390.000 | -50.73 | 2.00 | 0.00 | 46.47 | ≤74 | PASS |
|                |      | High | 2462 | AV   | 2483.500 | -58.2  | 2.00 | 0.76 | 39.76 | ≤54 | PASS |
|                |      |      |      | AV   | 2485.870 | -58.28 | 2.00 | 0.76 | 39.68 | ≤54 | PASS |
|                |      |      |      | AV   | 2500.000 | -59.44 | 2.00 | 0.76 | 38.52 | ≤54 | PASS |
|                |      |      |      | Peak | 2483.500 | -50.98 | 2.00 | 0.00 | 46.22 | ≤74 | PASS |
|                |      |      |      | Peak | 2490.820 | -48.87 | 2.00 | 0.00 | 48.33 | ≤74 | PASS |
|                |      |      |      | Peak | 2500.000 | -50.05 | 2.00 | 0.00 | 47.15 | ≤74 | PASS |
| 11AX40S<br>ISO | Ant1 | Low  | 2422 | AV   | 2310.000 | -59.96 | 2.00 | 0.87 | 38.11 | ≤54 | PASS |
|                |      |      |      | AV   | 2389.850 | -56.98 | 2.00 | 0.87 | 41.09 | ≤54 | PASS |
|                |      |      |      | AV   | 2390.000 | -57.18 | 2.00 | 0.87 | 40.89 | ≤54 | PASS |
|                |      |      |      | Peak | 2310.000 | -50.45 | 2.00 | 0.00 | 46.75 | ≤74 | PASS |
|                |      |      |      | Peak | 2386.100 | -47.64 | 2.00 | 0.00 | 49.56 | ≤74 | PASS |
|                |      |      |      | Peak | 2390.000 | -49.99 | 2.00 | 0.00 | 47.21 | ≤74 | PASS |
|                |      | High | 2452 | AV   | 2483.500 | -58.47 | 2.00 | 0.87 | 39.60 | ≤54 | PASS |
|                |      |      |      | AV   | 2483.750 | -58.17 | 2.00 | 0.87 | 39.90 | ≤54 | PASS |
|                |      |      |      | AV   | 2500.000 | -59.79 | 2.00 | 0.87 | 38.28 | ≤54 | PASS |
|                |      |      |      | Peak | 2483.500 | -51.87 | 2.00 | 0.00 | 45.33 | ≤74 | PASS |
|                |      |      |      | Peak | 2497.125 | -48.59 | 2.00 | 0.00 | 48.61 | ≤74 | PASS |
|                |      |      |      | Peak | 2500.000 | -50.02 | 2.00 | 0.00 | 47.18 | ≤74 | PASS |

Note:

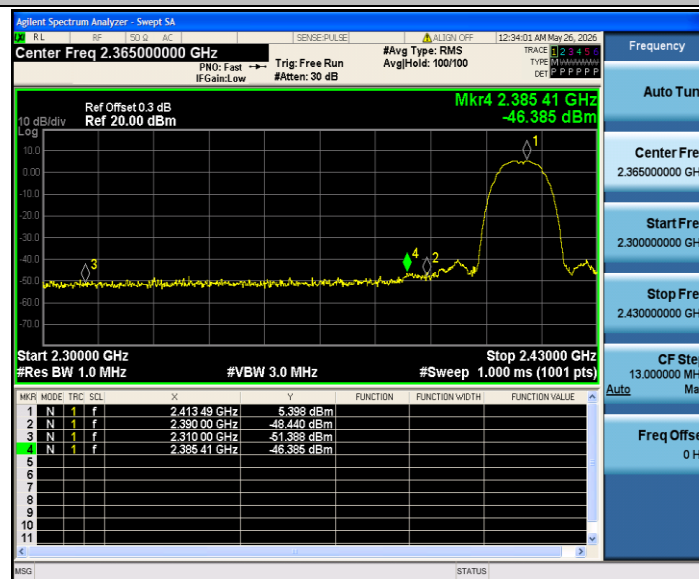
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

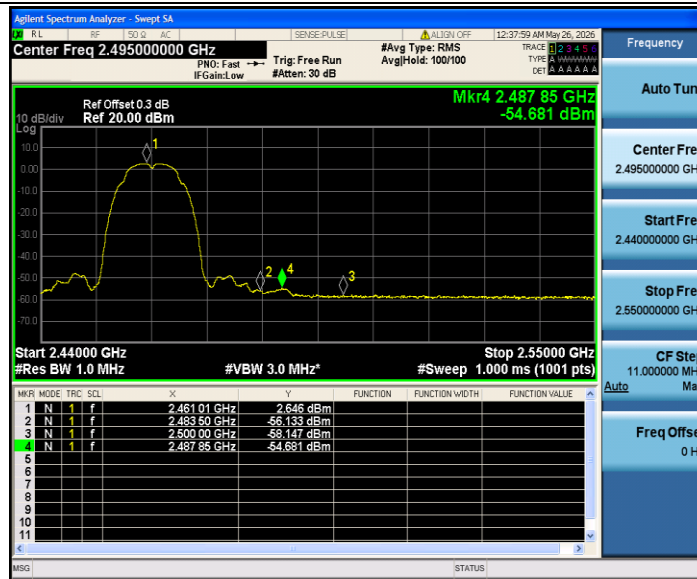
11B\_Ant1\_Low\_2412\_AV



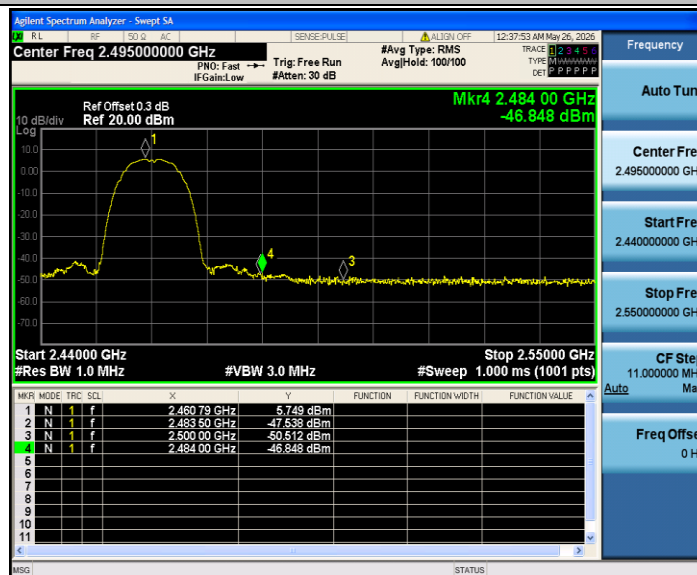
11B\_Ant1\_Low\_2412\_Peak



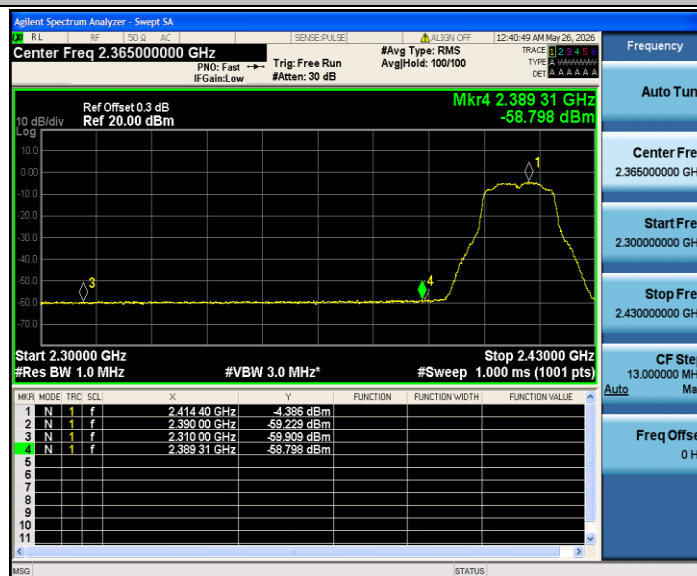
11B\_Ant1\_High\_2462\_AV



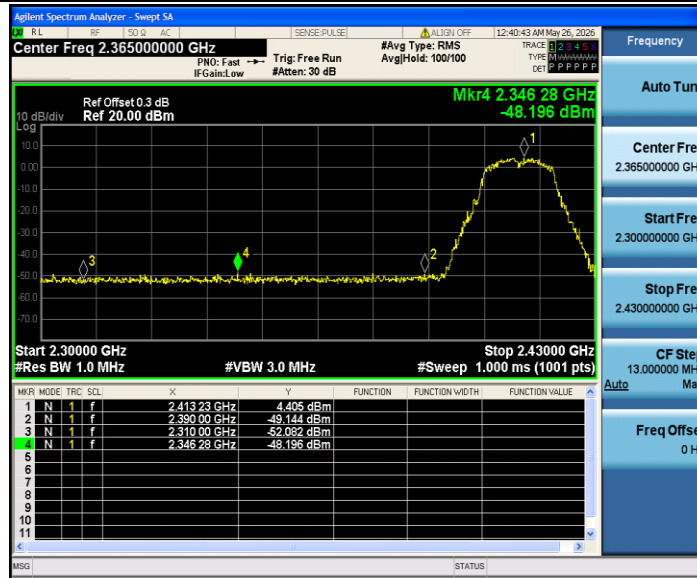
11B\_Ant1\_High\_2462\_Peak



11G\_Ant1\_Low\_2412\_AV



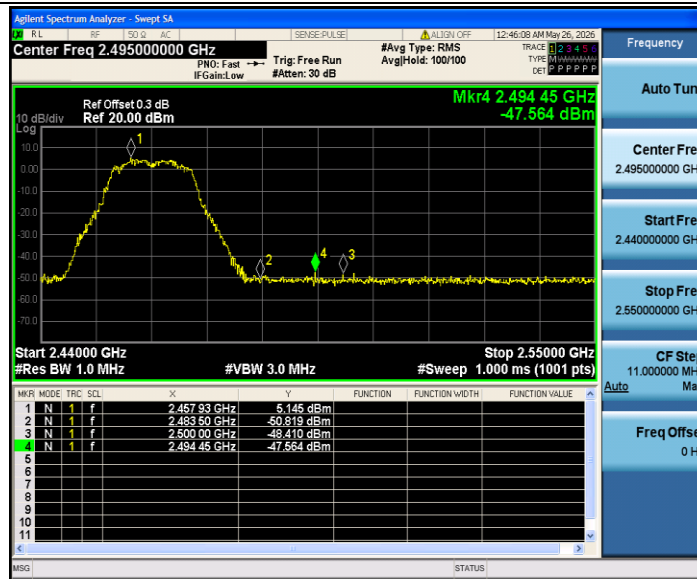
# 11G\_Ant1\_Low\_2412\_Peak



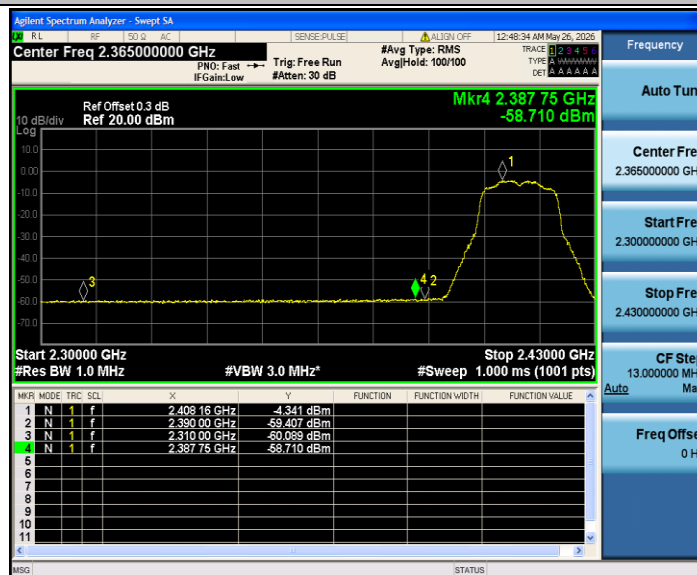
# 11G\_Ant1\_High\_2462\_AV



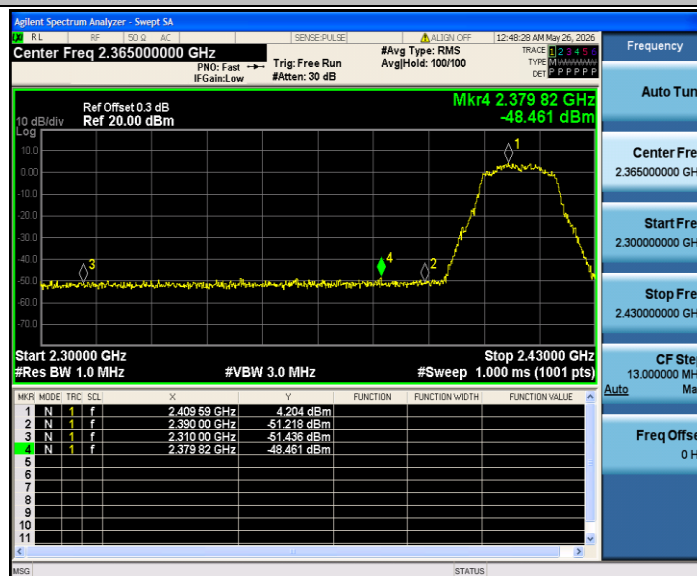
# 11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV



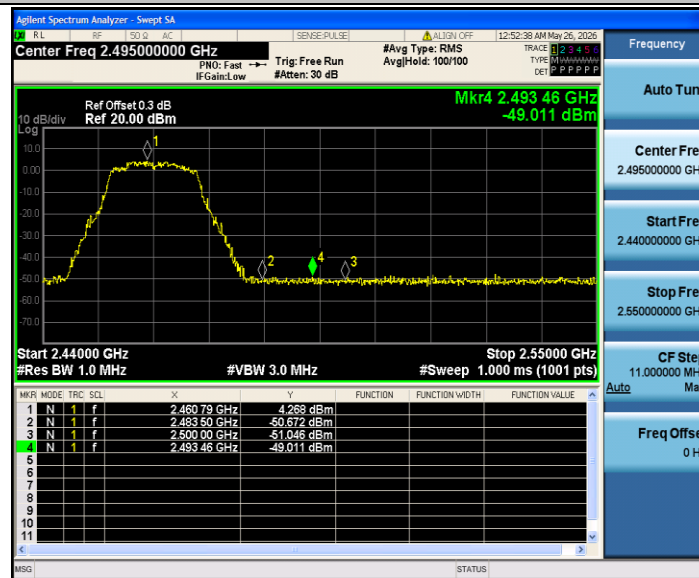
11N20SISO\_Ant1\_Low\_2412\_Peak



# 11N20SISO\_Ant1\_High\_2462\_AV



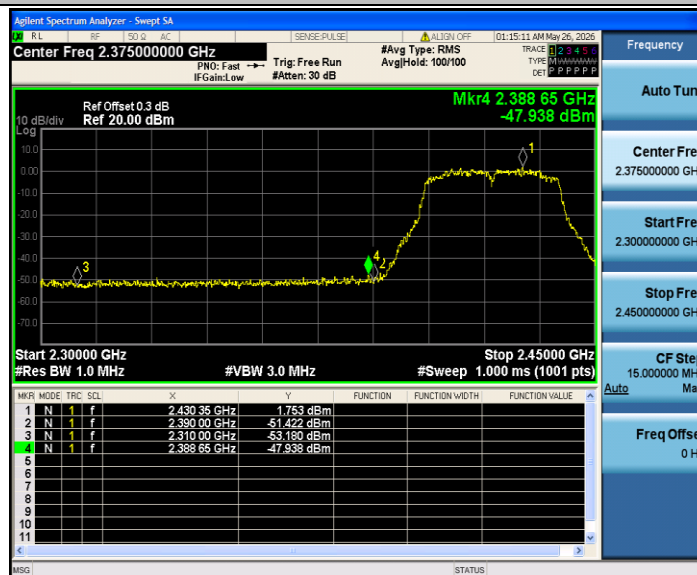
# 11N20SISO\_Ant1\_High\_2462\_Peak



# 11N40SISO\_Ant1\_Low\_2422\_AV



11N40SISO\_Ant1\_Low\_2422\_Peak



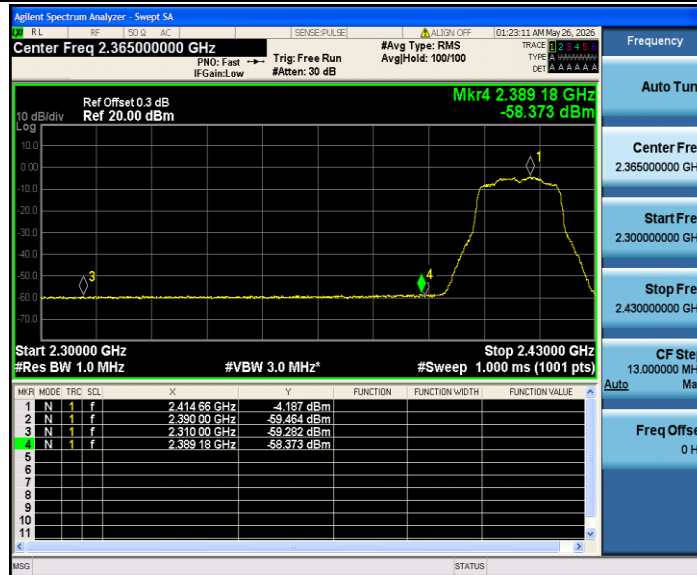
11N40SISO\_Ant1\_High\_2452\_AV



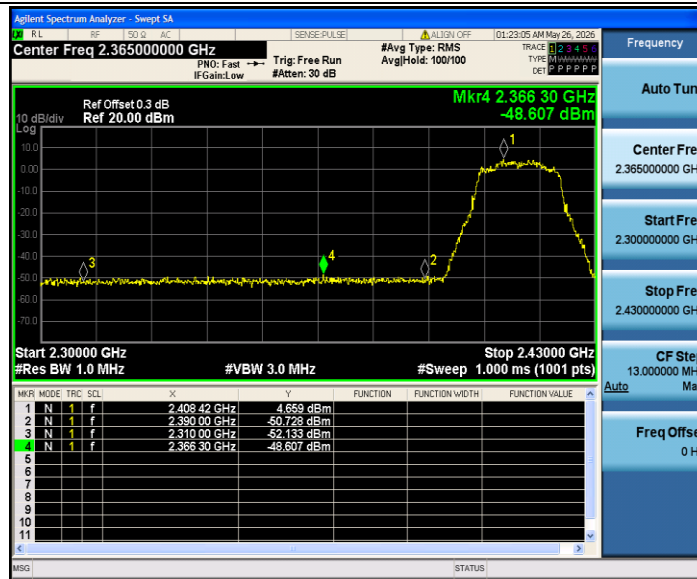
# 11N40SISO\_Ant1\_High\_2452\_Peak



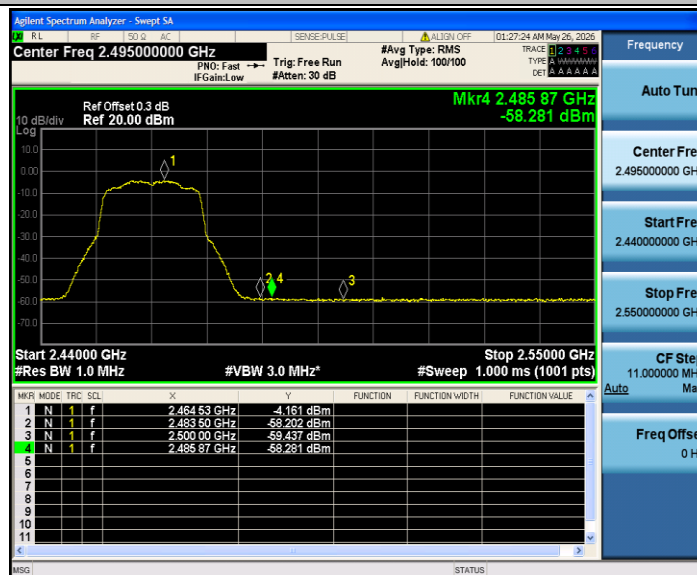
# 11AX20SISO\_Ant1\_Low\_2412\_AV



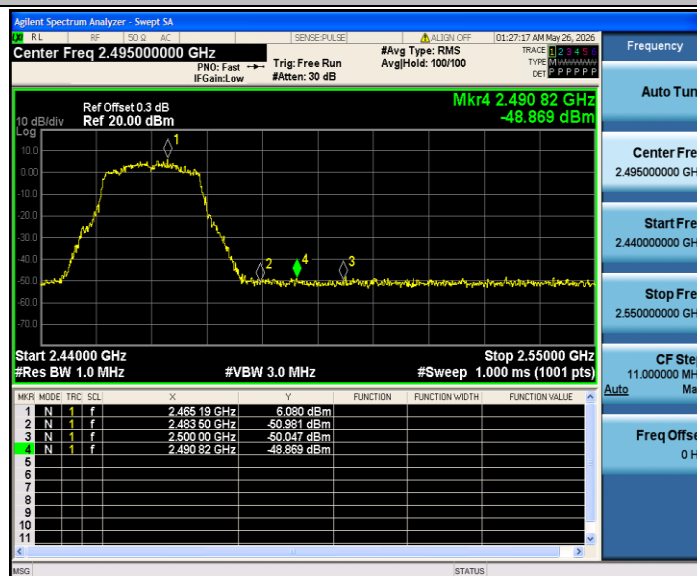
# 11AX20SISO\_Ant1\_Low\_2412\_Peak



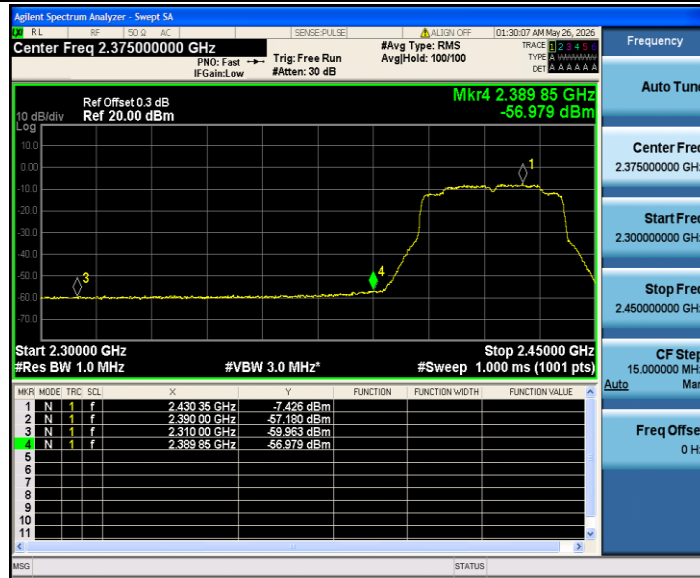
11AX20SISO\_Ant1\_High\_2462\_AV



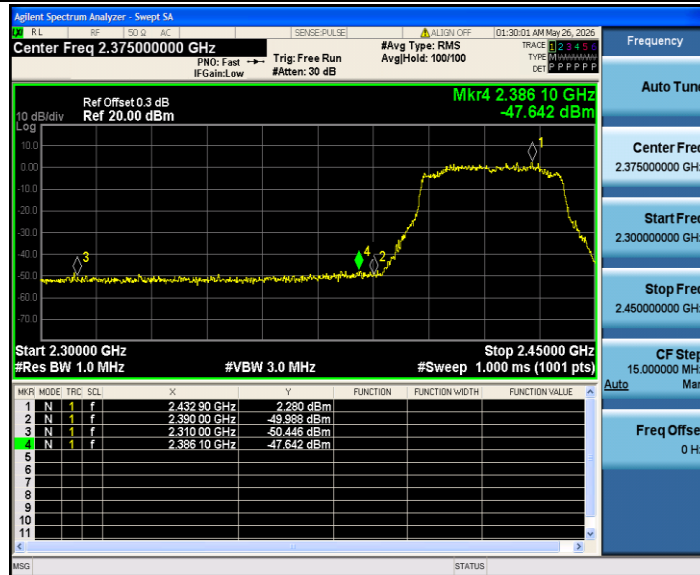
11AX20SISO\_Ant1\_High\_2462\_Peak



# 11AX40SISO\_Ant1\_Low\_2422\_AV



# 11AX40SISO\_Ant1\_Low\_2422\_Peak



# 11AX40SISO\_Ant1\_High\_2452\_AV



11AX40ISO\_Ant1\_High\_2452\_Peak

