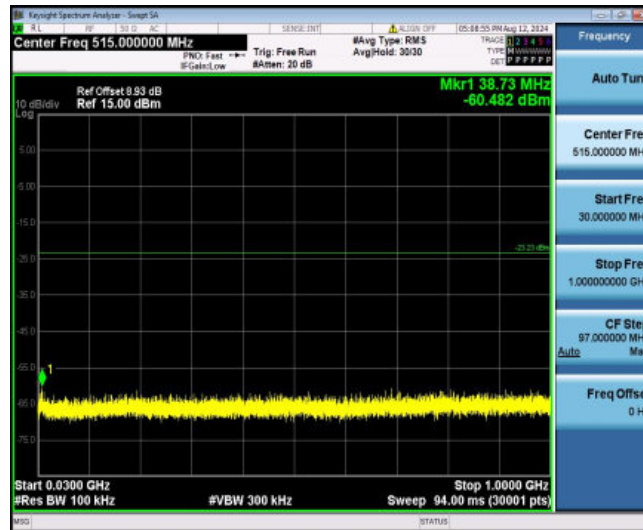
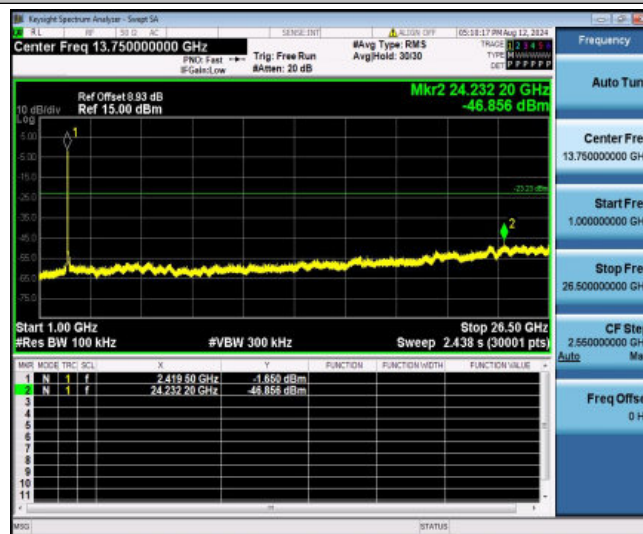




11N40SISO\_Ant1\_2422\_30~1000



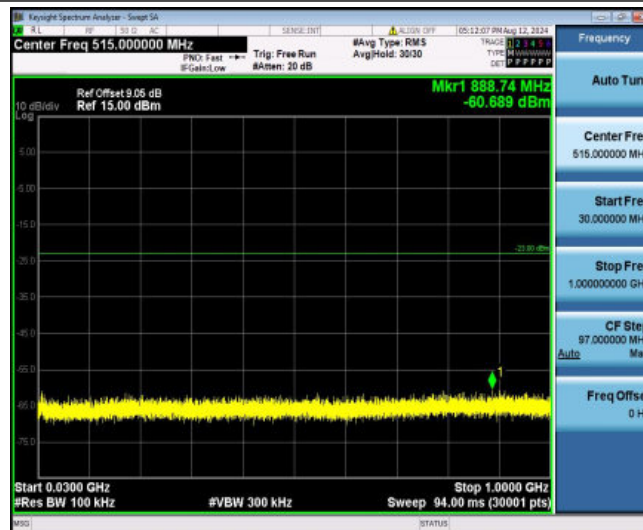
11N40SISO\_Ant1\_2422\_1000~26500



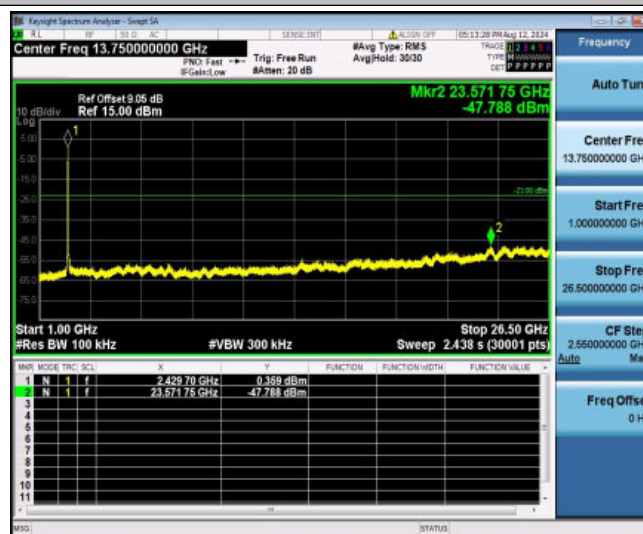
11N40SISO\_Ant1\_2437\_0~Reference



11N40SISO\_Ant1\_2437\_30~1000



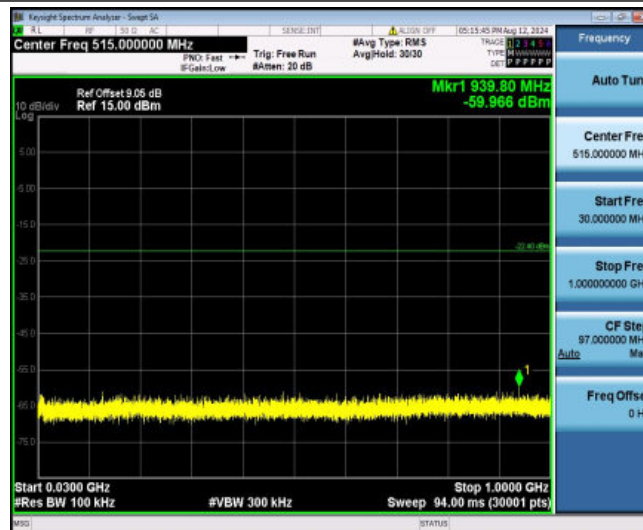
11N40SISO\_Ant1\_2437\_1000~26500



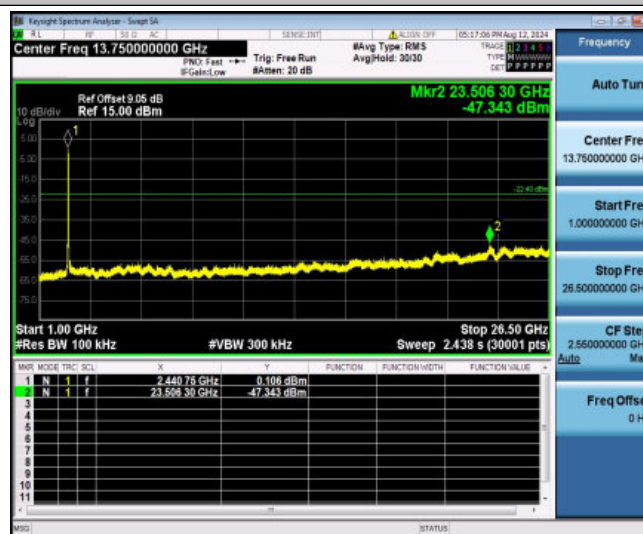
11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_30~1000



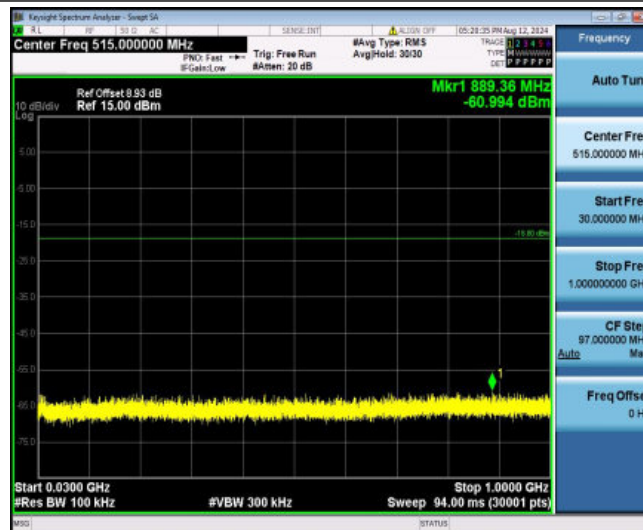
11N40SISO\_Ant1\_2452\_1000~26500



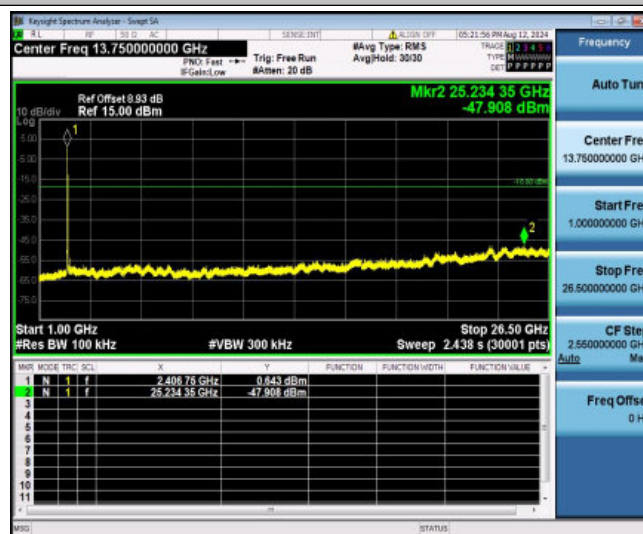
11AX20SISO\_Ant1\_2412\_0~Reference



11AX20SISO\_Ant1\_2412\_30~1000



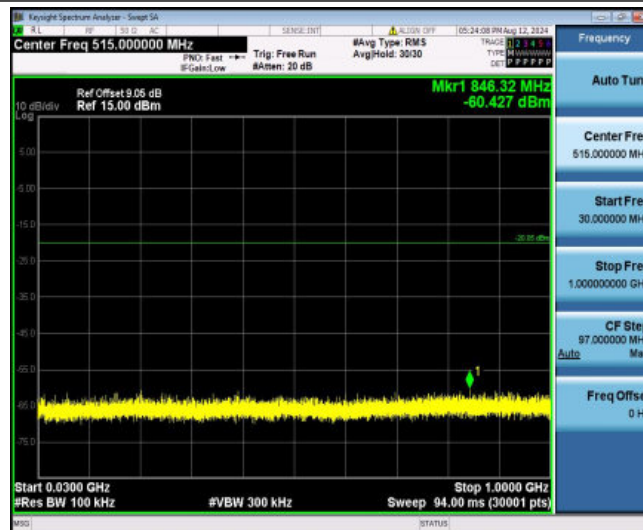
11AX20SISO\_Ant1\_2412\_1000~26500



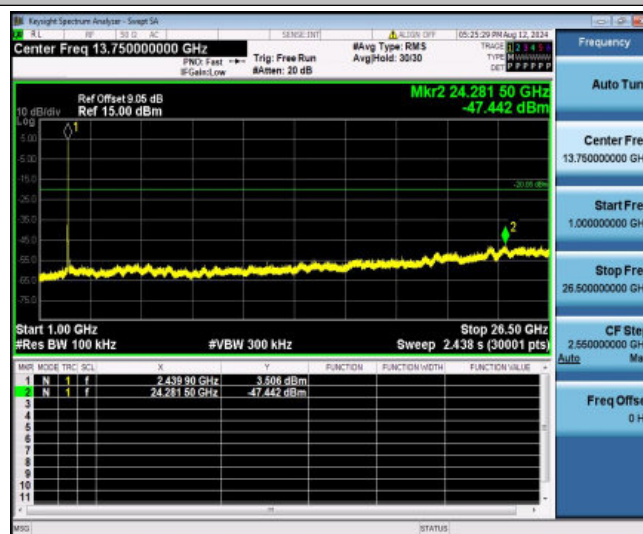
11AX20SISO\_Ant1\_2437\_0~Reference



11AX20SISO\_Ant1\_2437\_30~1000



11AX20SISO\_Ant1\_2437\_1000~26500

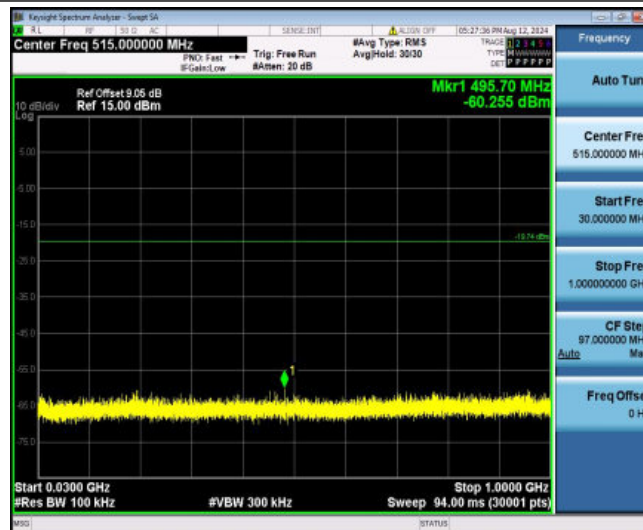


11AX20SISO\_Ant1\_2462\_0~Reference

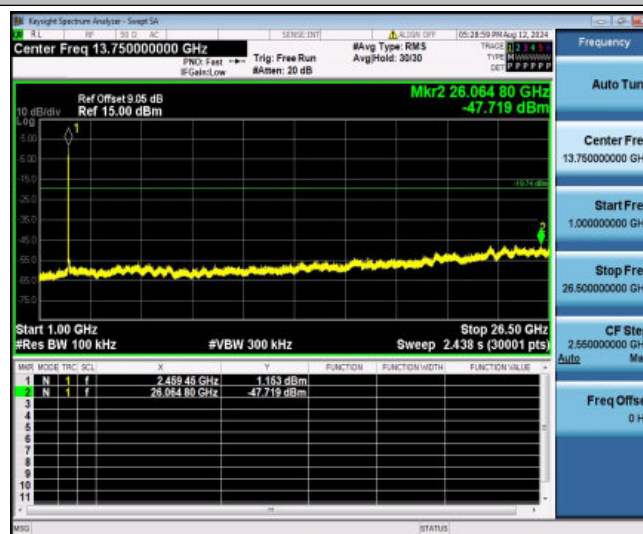




11AX20SISO\_Ant1\_2462\_30~1000



11AX20SISO\_Ant1\_2462\_1000~26500



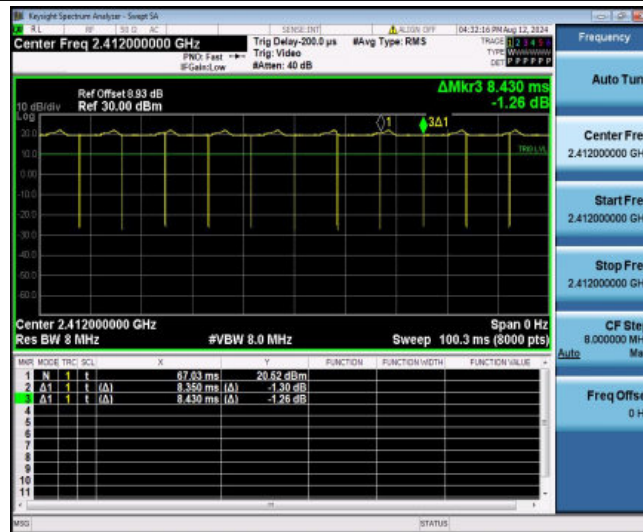
## Appendix B.7: Duty Cycle

### Test Result

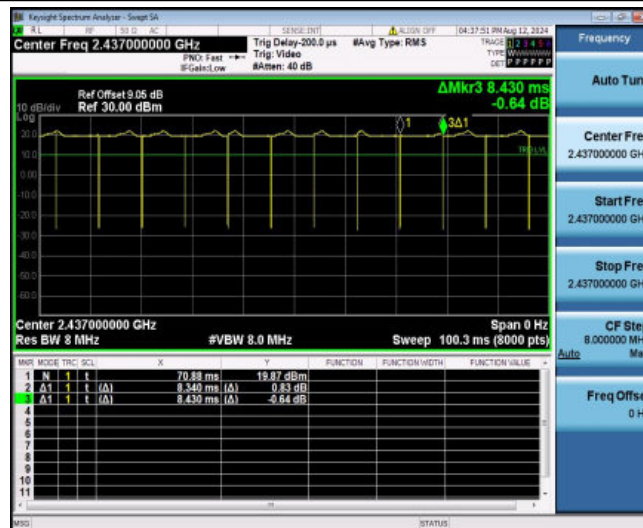
| TestMode   | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor[KHz] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|-----------------------|-----------------|
| 11B        | Ant1    | 2412           | 8.35                       | 8.43                     | 99.05          | 0.04                  | 0.12            |
|            |         | 2437           | 8.34                       | 8.43                     | 98.93          | 0.05                  | 0.12            |
|            |         | 2462           | 8.35                       | 8.44                     | 98.93          | 0.05                  | 0.12            |
| 11G        | Ant1    | 2412           | 2.08                       | 2.17                     | 95.85          | 0.18                  | 0.48            |
|            |         | 2437           | 2.08                       | 2.17                     | 95.85          | 0.18                  | 0.48            |
|            |         | 2462           | 2.08                       | 2.16                     | 96.30          | 0.16                  | 0.48            |
| 11N20SISO  | Ant1    | 2412           | 7.93                       | 8.01                     | 99.00          | 0.04                  | 0.13            |
|            |         | 2437           | 7.93                       | 8.02                     | 98.88          | 0.05                  | 0.13            |
|            |         | 2462           | 7.92                       | 8.03                     | 98.63          | 0.06                  | 0.13            |
| 11N40SISO  | Ant1    | 2422           | 7.93                       | 8.02                     | 98.88          | 0.05                  | 0.13            |
|            |         | 2437           | 7.94                       | 8.03                     | 98.88          | 0.05                  | 0.13            |
|            |         | 2452           | 7.93                       | 8.02                     | 98.88          | 0.05                  | 0.13            |
| 11AX20SISO | Ant1    | 2412           | 7.94                       | 8.03                     | 98.88          | 0.05                  | 0.13            |
|            |         | 2437           | 7.93                       | 8.02                     | 98.88          | 0.05                  | 0.13            |
|            |         | 2462           | 7.94                       | 8.03                     | 98.88          | 0.05                  | 0.13            |

## Test Graphs

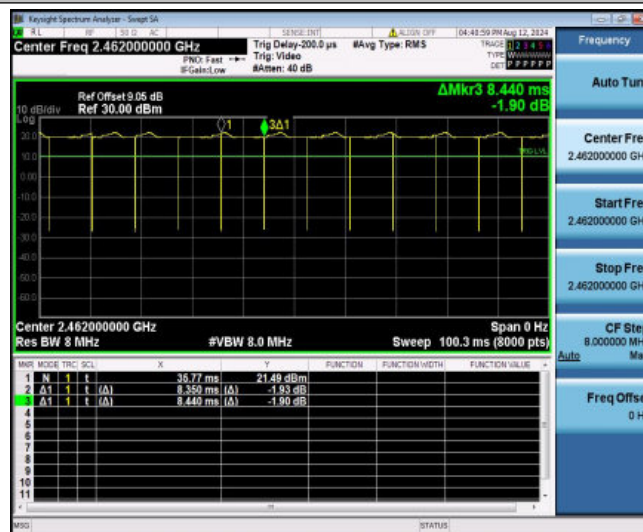
11B\_Ant1\_2412



11B\_Ant1\_2437

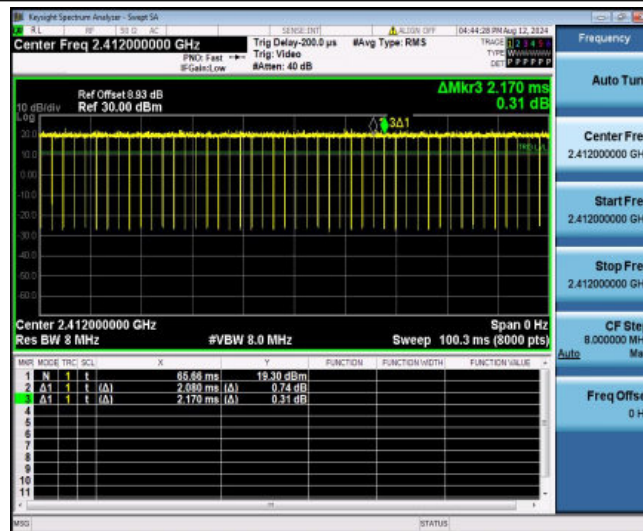


11B\_Ant1\_2462

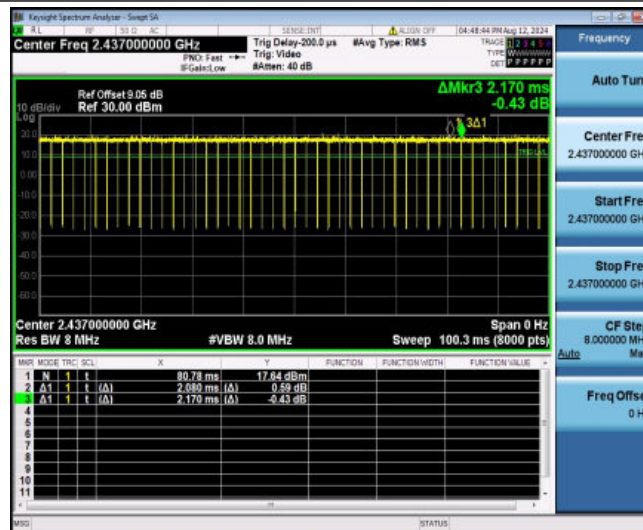


11G\_Ant1\_2412

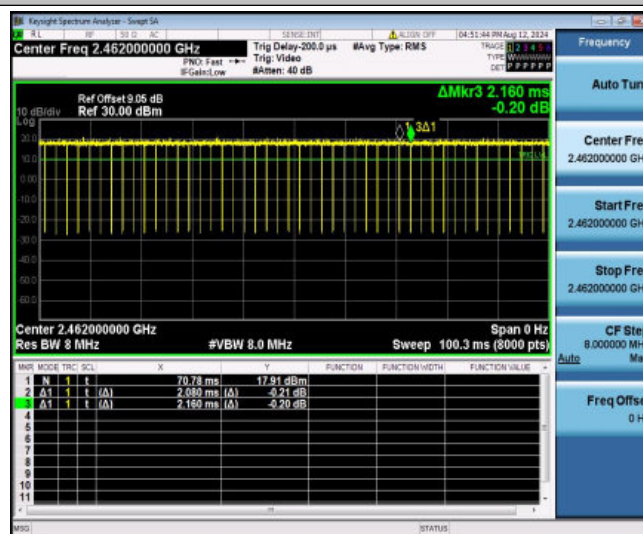




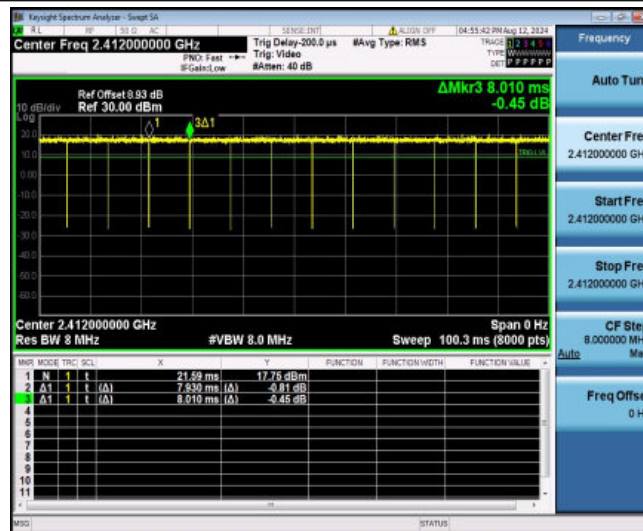
11G\_Ant1\_2437



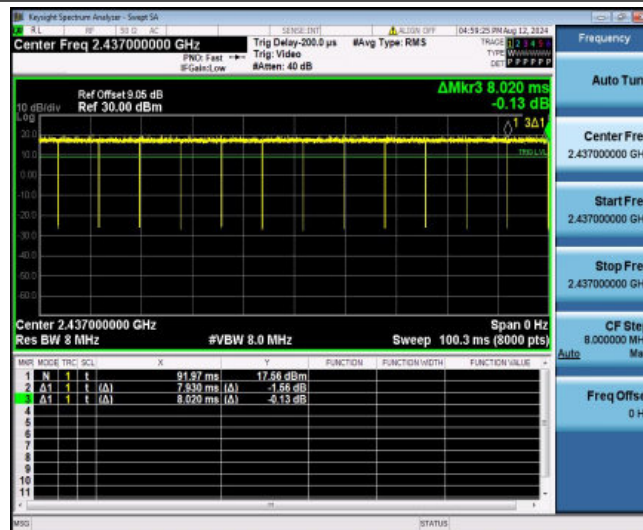
11G\_Ant1\_2462



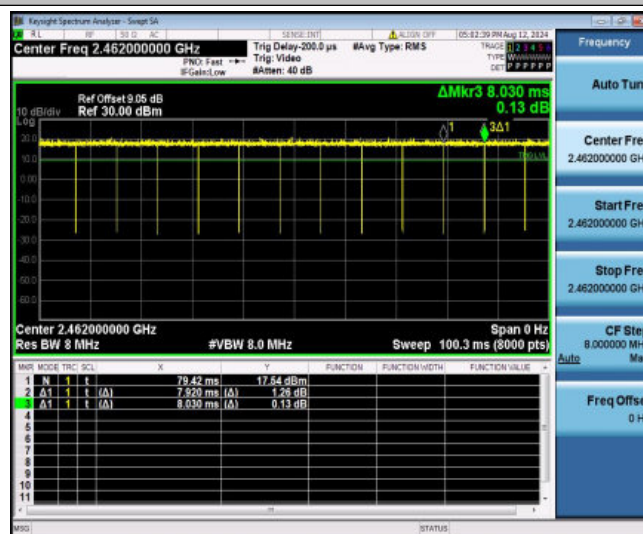
11N20SISO\_Ant1\_2412



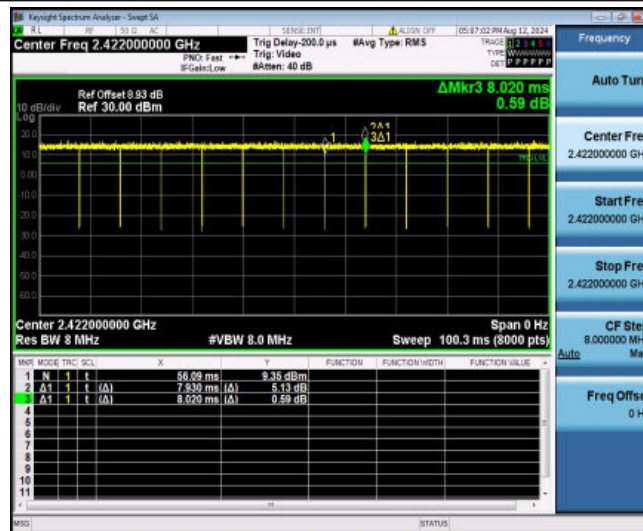
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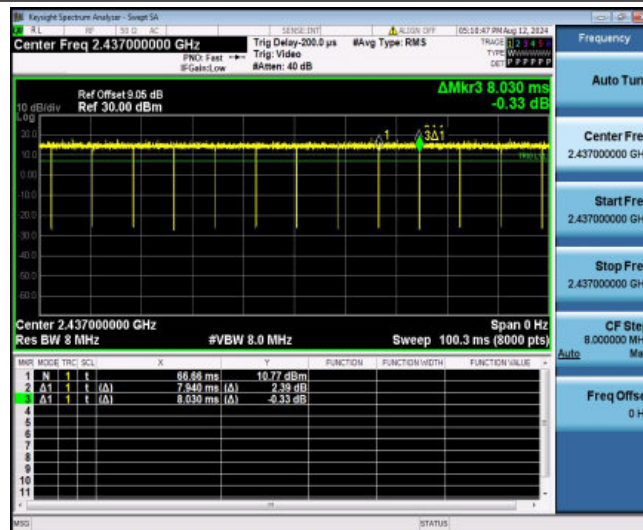
11N20SISO\_Ant1\_2462



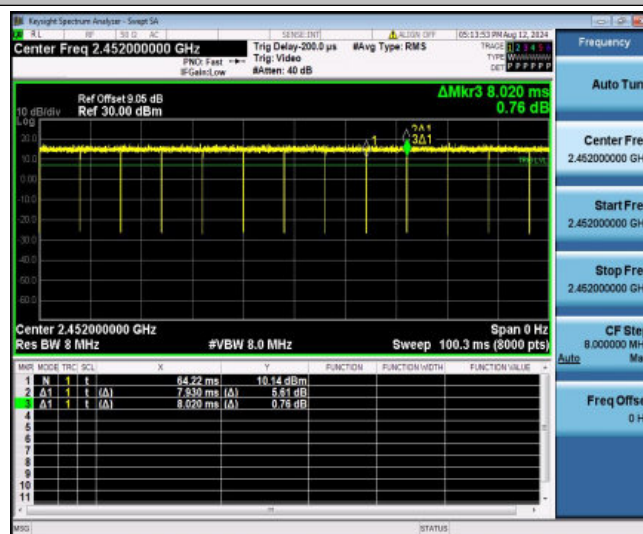
11N40SISO\_Ant1\_2422



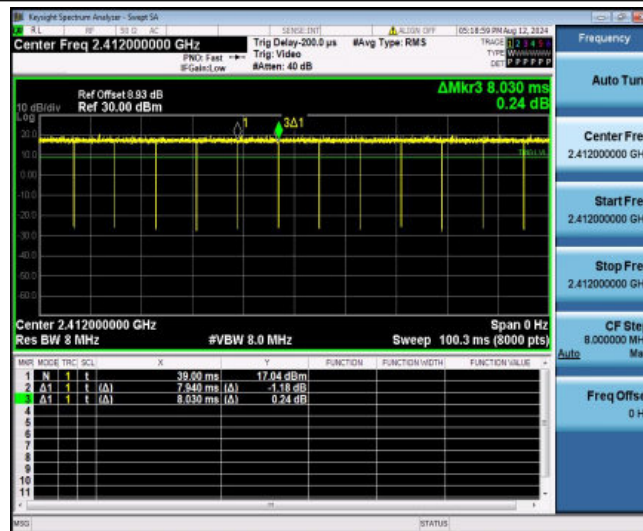
11N40SISO\_Ant1\_2437



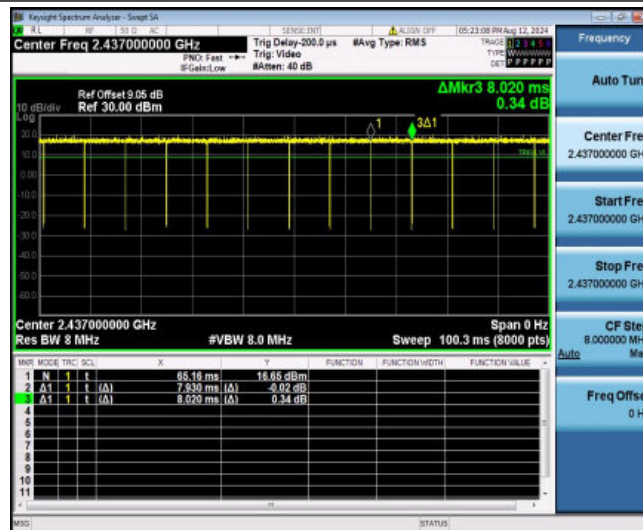
11N40SISO\_Ant1\_2452



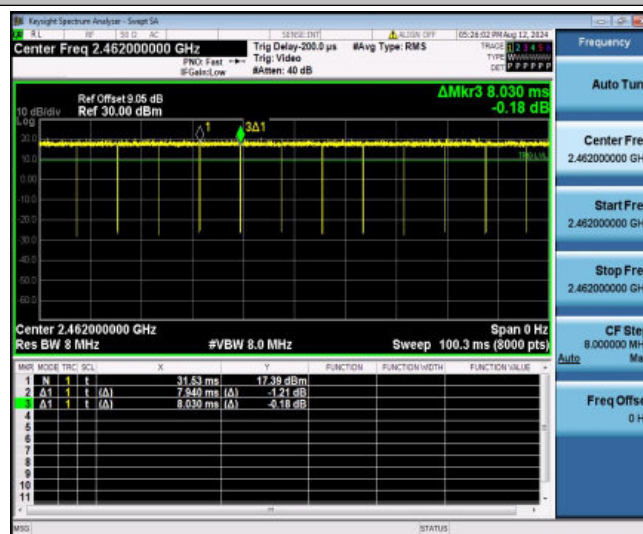
11AX20SISO\_Ant1\_2412



11AX20SISO\_Ant1\_2437



11AX20SISO\_Ant1\_2462



## Appendix B.8: Emissions in Restricted Bands

### Test Result

| TestMode      | Antenna | ChName | Frequenc<br>y[MHz] | Detector | Freq<br>[MHz] | Result<br>[dBm] | Limit<br>[dBm] | Result<br>[dBuV/m] | Limit<br>[dBuV/m] | Verdict |
|---------------|---------|--------|--------------------|----------|---------------|-----------------|----------------|--------------------|-------------------|---------|
| 11B           | Ant1    | Low    | 2412               | AV       | 2310.000      | -49.69          | ≤-41.20        | 45.51              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2386.840      | -47.02          | ≤-41.20        | 48.18              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2390.000      | -48.13          | ≤-41.20        | 47.07              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2310.000      | -44.18          | ≤-21.20        | 51.02              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2387.490      | -39.22          | ≤-21.20        | 55.98              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2390.000      | -47.06          | ≤-21.20        | 48.14              | ≤74               | PASS    |
|               |         | High   | 2462               | AV       | 2483.500      | -48.07          | ≤-41.20        | 47.13              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2483.780      | -48.04          | ≤-41.20        | 47.16              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2500.000      | -48.2           | ≤-41.20        | 47.00              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2483.500      | -44.91          | ≤-21.20        | 50.29              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2498.190      | -38.16          | ≤-21.20        | 57.04              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2500.000      | -42.65          | ≤-21.20        | 52.55              | ≤74               | PASS    |
| 11G           | Ant1    | Low    | 2412               | AV       | 2310.000      | -49.69          | ≤-41.20        | 45.51              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2389.960      | -45.61          | ≤-41.20        | 49.59              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2390.000      | -45.61          | ≤-41.20        | 49.59              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2310.000      | -46.6           | ≤-21.20        | 48.60              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2389.700      | -38.96          | ≤-21.20        | 56.24              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2390.000      | -44.27          | ≤-21.20        | 50.93              | ≤74               | PASS    |
|               |         | High   | 2462               | AV       | 2483.500      | -47.68          | ≤-41.20        | 47.52              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2483.560      | -47.69          | ≤-41.20        | 47.51              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2500.000      | -48.55          | ≤-41.20        | 46.65              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2483.500      | -45.64          | ≤-21.20        | 49.56              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2494.010      | -38.62          | ≤-21.20        | 56.58              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2500.000      | -44.85          | ≤-21.20        | 50.35              | ≤74               | PASS    |
| 11N20SIS<br>O | Ant1    | Low    | 2412               | AV       | 2310.000      | -49.69          | ≤-41.20        | 45.51              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2389.960      | -46.46          | ≤-41.20        | 48.74              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2390.000      | -46.47          | ≤-41.20        | 48.73              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2310.000      | -43.75          | ≤-21.20        | 51.45              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2388.270      | -40.25          | ≤-21.20        | 54.95              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2390.000      | -40.5           | ≤-21.20        | 54.70              | ≤74               | PASS    |
|               |         | High   | 2462               | AV       | 2483.500      | -47.58          | ≤-41.20        | 47.62              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2483.560      | -47.59          | ≤-41.20        | 47.61              | ≤54               | PASS    |
|               |         |        |                    | AV       | 2500.000      | -48.54          | ≤-41.20        | 46.66              | ≤54               | PASS    |
|               |         |        |                    | Peak     | 2483.500      | -44.78          | ≤-21.20        | 50.42              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2498.410      | -39.37          | ≤-21.20        | 55.83              | ≤74               | PASS    |
|               |         |        |                    | Peak     | 2500.000      | -45.33          | ≤-21.20        | 49.87              | ≤74               | PASS    |
| 11N40SIS      | Ant1    | Low    | 2422               | AV       | 2310.000      | -49.68          | ≤-41.20        | 45.52              | ≤54               | PASS    |

|                |      |      |      |      |          |        |               |       |           |      |
|----------------|------|------|------|------|----------|--------|---------------|-------|-----------|------|
| O              |      |      |      | AV   | 2384.890 | -47.05 | $\leq -41.20$ | 48.15 | $\leq 54$ | PASS |
|                |      |      |      | AV   | 2390.000 | -47.09 | $\leq -41.20$ | 48.11 | $\leq 54$ | PASS |
|                |      |      |      | Peak | 2310.000 | -44.83 | $\leq -21.20$ | 50.37 | $\leq 74$ | PASS |
|                |      |      |      | Peak | 2376.830 | -39.51 | $\leq -21.20$ | 55.69 | $\leq 74$ | PASS |
|                |      |      |      | Peak | 2390.000 | -44.34 | $\leq -21.20$ | 50.86 | $\leq 74$ | PASS |
|                |      | High | 2452 | AV   | 2483.500 | -43.7  | $\leq -41.20$ | 51.50 | $\leq 54$ | PASS |
|                |      |      |      | AV   | 2483.560 | -43.73 | $\leq -41.20$ | 51.47 | $\leq 54$ | PASS |
|                |      |      |      | AV   | 2500.000 | -47.33 | $\leq -41.20$ | 47.87 | $\leq 54$ | PASS |
|                |      |      |      | Peak | 2483.500 | -42.07 | $\leq -21.20$ | 53.13 | $\leq 74$ | PASS |
|                |      |      |      | Peak | 2489.940 | -36.79 | $\leq -21.20$ | 58.41 | $\leq 74$ | PASS |
|                |      |      |      | Peak | 2500.000 | -46.66 | $\leq -21.20$ | 48.54 | $\leq 74$ | PASS |
| 11AX20SI<br>SO | Ant1 | Low  | 2412 | AV   | 2310.000 | -49.7  | $\leq -41.20$ | 45.50 | $\leq 54$ | PASS |
|                |      |      |      | AV   | 2389.960 | -46.25 | $\leq -41.20$ | 48.95 | $\leq 54$ | PASS |
|                |      |      |      | AV   | 2390.000 | -46.25 | $\leq -41.20$ | 48.95 | $\leq 54$ | PASS |
|                |      |      |      | Peak | 2310.000 | -45.5  | $\leq -21.20$ | 49.70 | $\leq 74$ | PASS |
|                |      |      |      | Peak | 2384.500 | -39.31 | $\leq -21.20$ | 55.89 | $\leq 74$ | PASS |
|                |      |      |      | Peak | 2390.000 | -45.8  | $\leq -21.20$ | 49.40 | $\leq 74$ | PASS |
|                |      | High | 2462 | AV   | 2483.500 | -47.42 | $\leq -41.20$ | 47.78 | $\leq 54$ | PASS |
|                |      |      |      | AV   | 2483.560 | -47.42 | $\leq -41.20$ | 47.78 | $\leq 54$ | PASS |
|                |      |      |      | AV   | 2500.000 | -48.52 | $\leq -41.20$ | 46.68 | $\leq 54$ | PASS |
|                |      |      |      | Peak | 2483.500 | -45.38 | $\leq -21.20$ | 49.82 | $\leq 74$ | PASS |
|                |      |      |      | Peak | 2485.320 | -40.27 | $\leq -21.20$ | 54.93 | $\leq 74$ | PASS |
|                |      |      |      | Peak | 2500.000 | -45.96 | $\leq -21.20$ | 49.24 | $\leq 74$ | PASS |

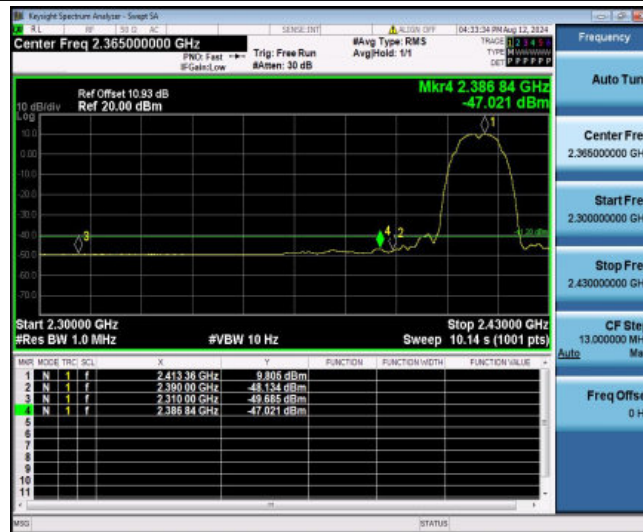
## Note:

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. 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.

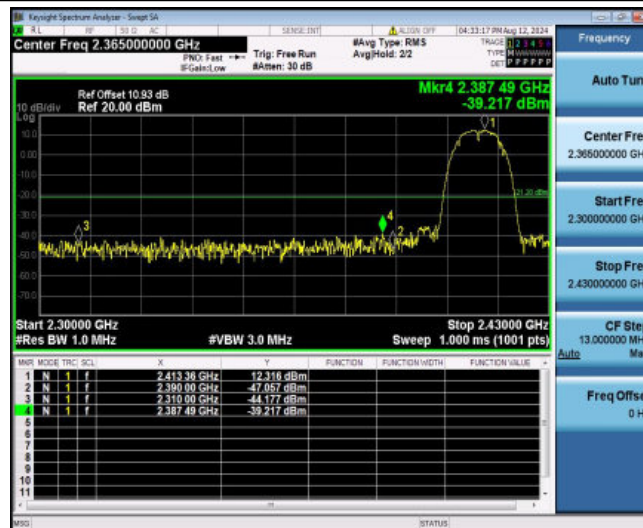


## Test Graphs

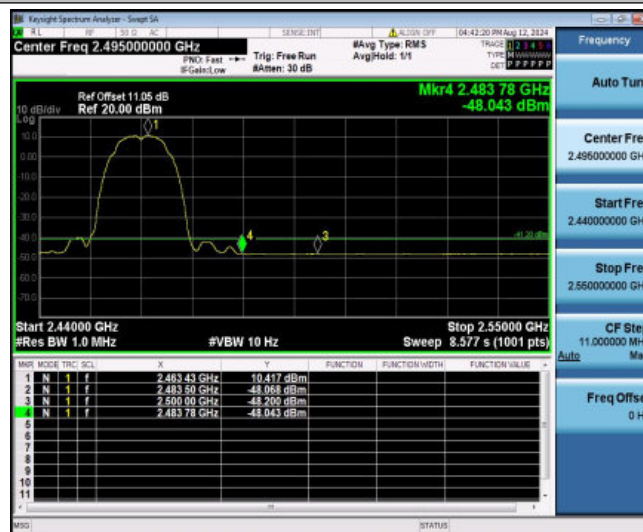
11B\_Ant1\_Low\_2412\_AV



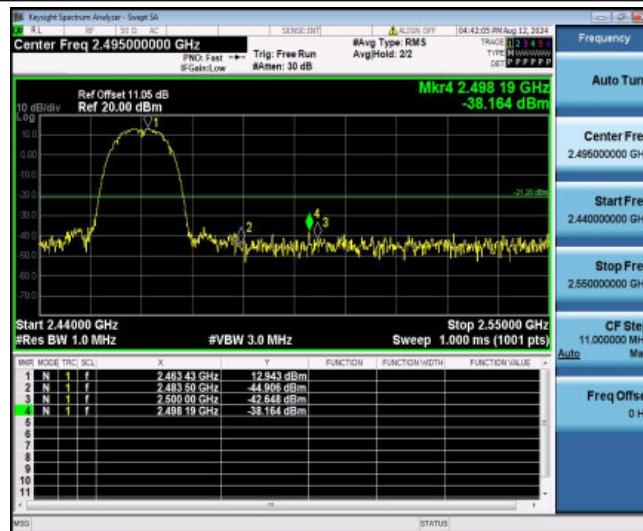
11B\_Ant1\_Low\_2412\_Peak



11B\_Ant1\_High\_2462\_AV



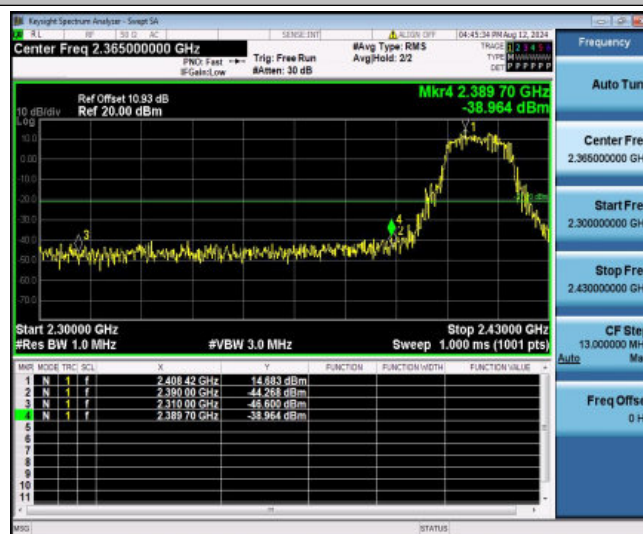
11B\_Ant1\_High\_2462\_Peak



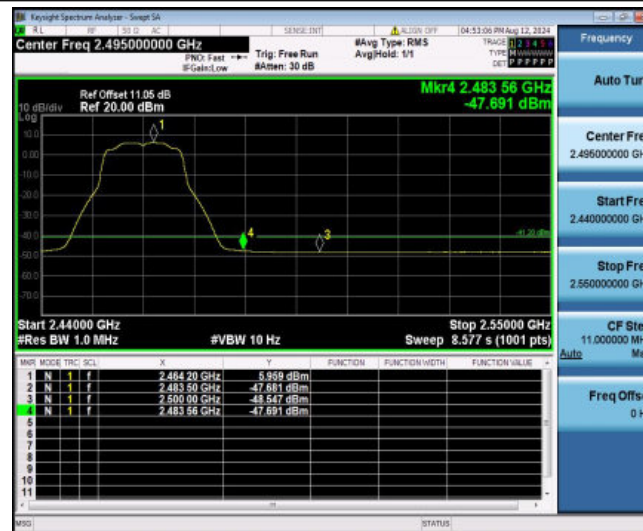
11G\_Ant1\_Low\_2412\_AV



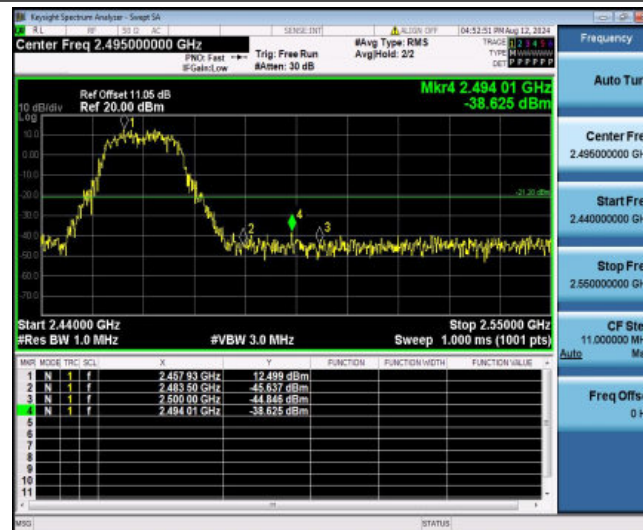
11G\_Ant1\_Low\_2412\_Peak



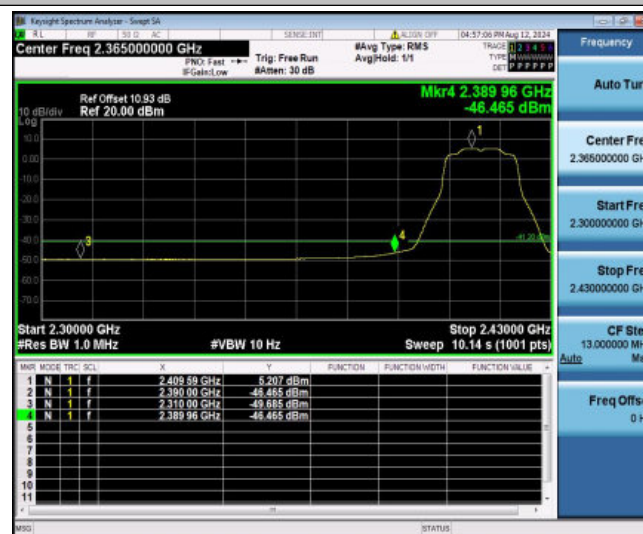
11G\_Ant1\_High\_2462\_AV



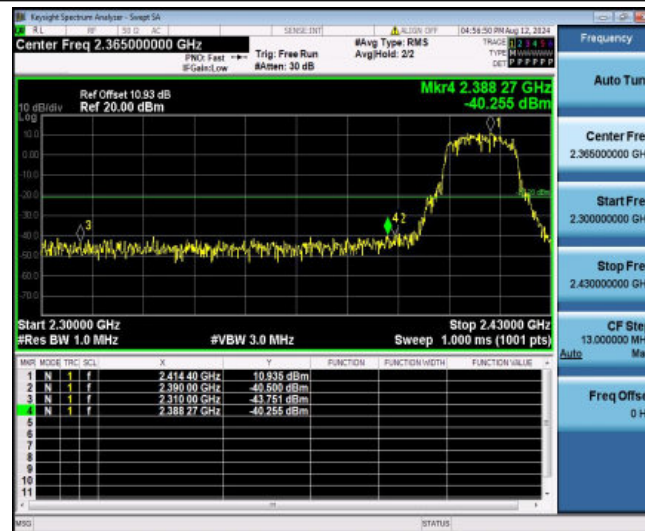
11G\_Ant1\_High\_2462\_Peak



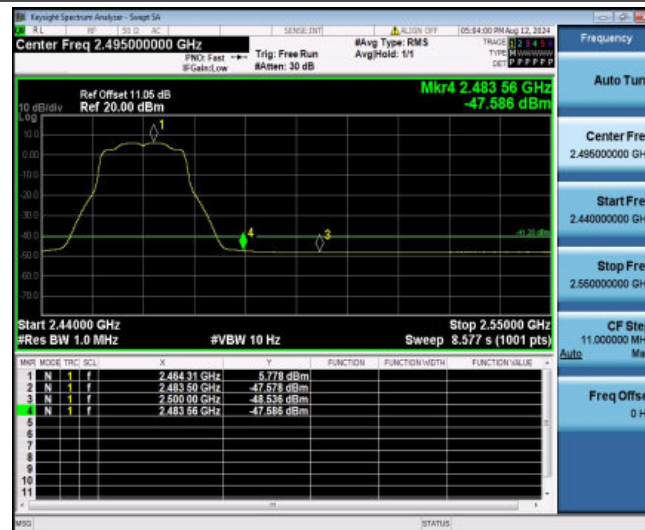
11N20SISO\_Ant1\_Low\_2412\_AV



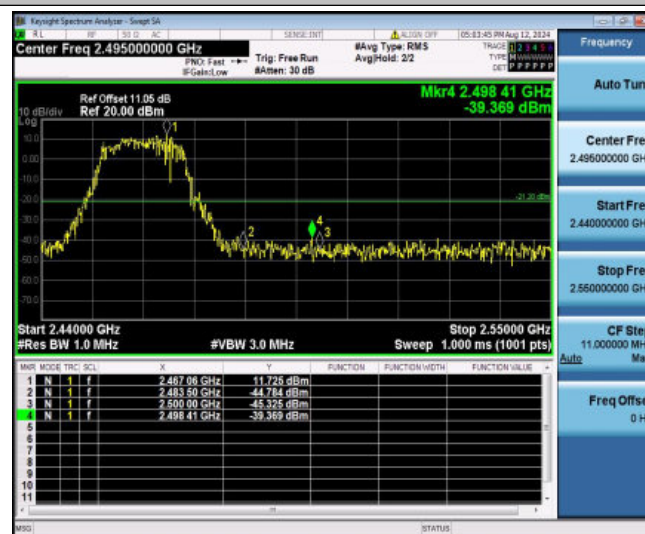
11N20SISO\_Ant1\_Low\_2412\_Peak



11N20SISO\_Ant1\_High\_2462\_AV



11N20SISO\_Ant1\_High\_2462\_Peak

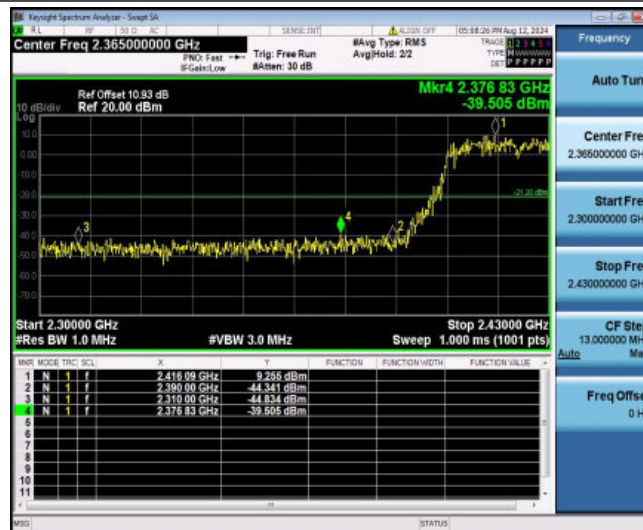


11N40SISO\_Ant1\_Low\_2422\_AV





11N40SISO\_Ant1\_Low\_2422\_Peak



11N40SISO\_Ant1\_High\_2452\_AV



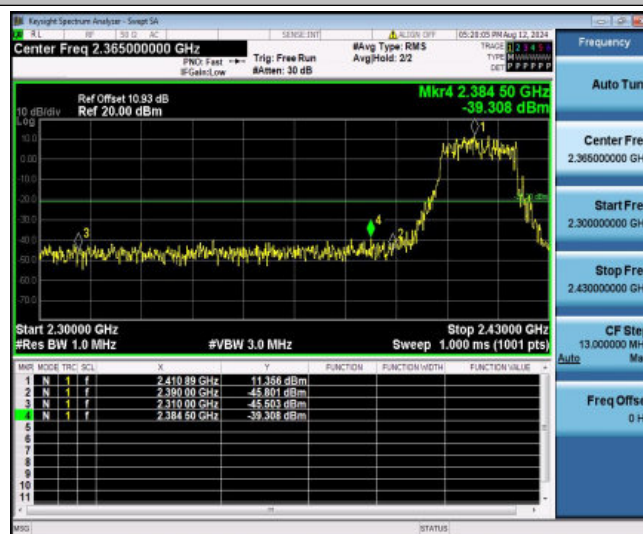
11N40SISO\_Ant1\_High\_2452\_Peak



11AX20SISO\_Ant1\_Low\_2412\_AV

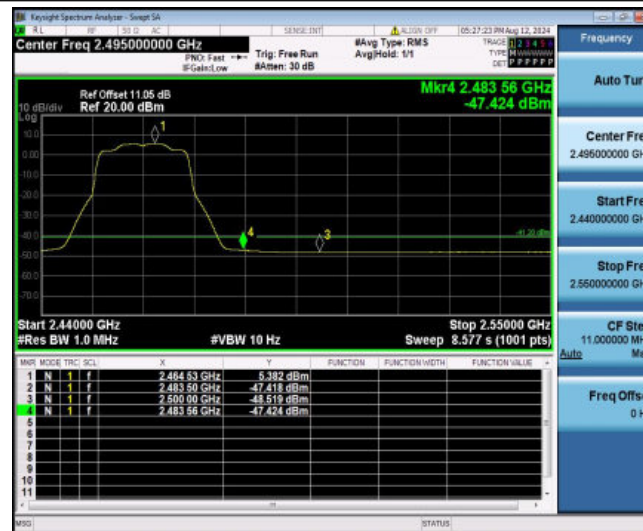


11AX20SISO\_Ant1\_Low\_2412\_Peak



11AX20SISO\_Ant1\_High\_2462\_AV





11AX20SISO\_Ant1\_High\_2462\_Peak

