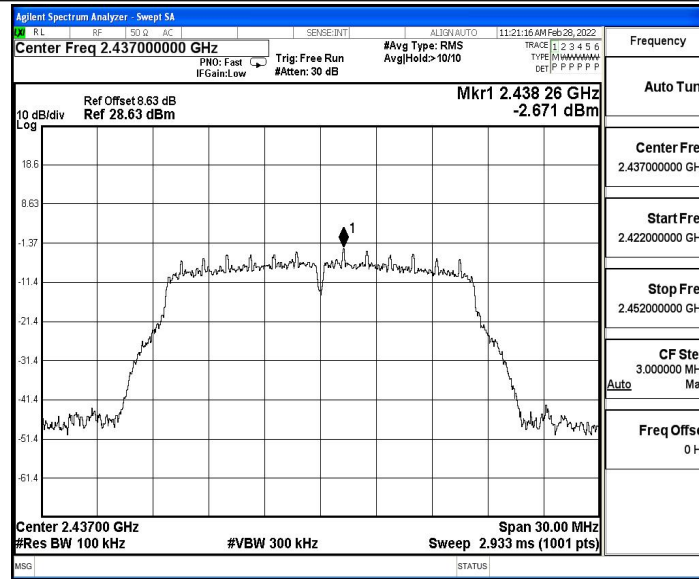
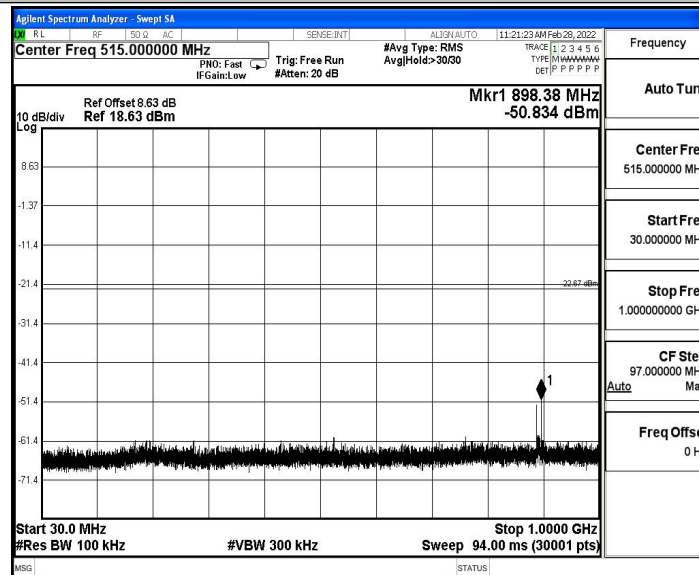
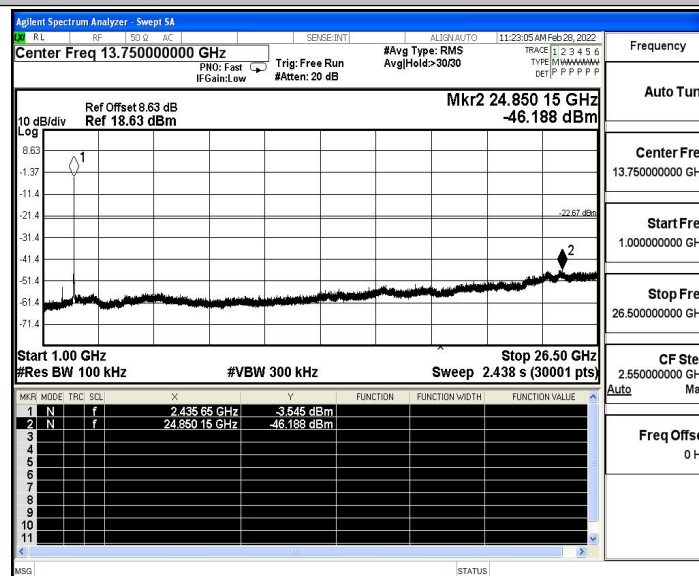




11G\_Ant1\_2437\_30~1000

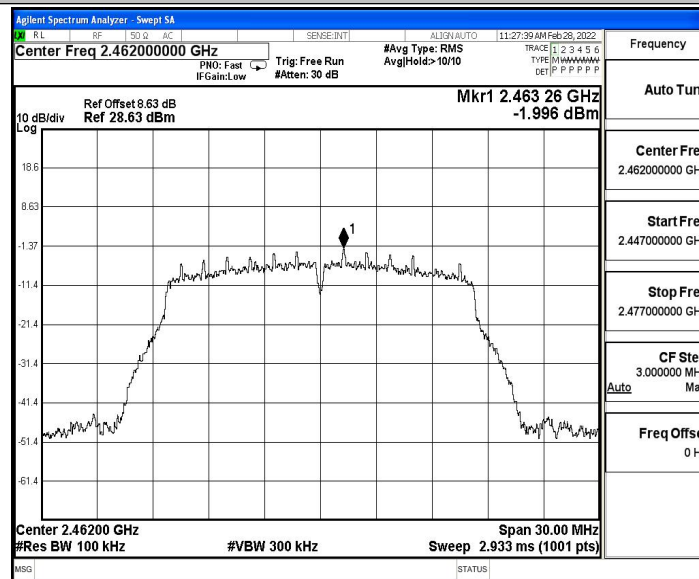


11G\_Ant1\_2437\_1000~26500

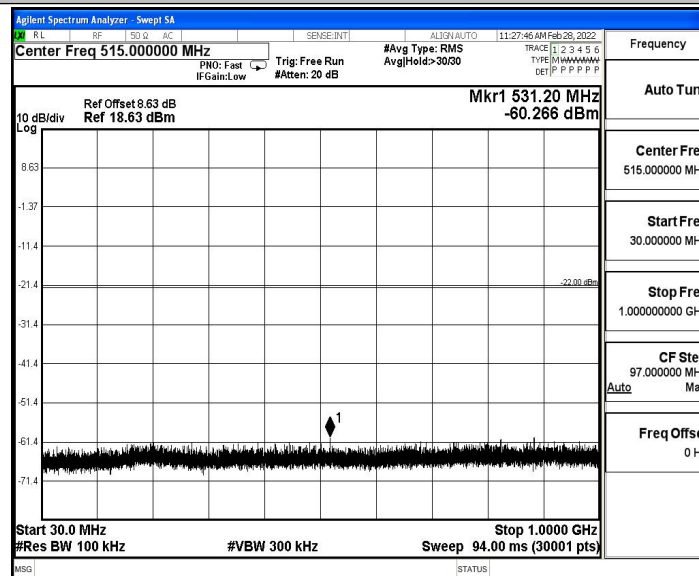




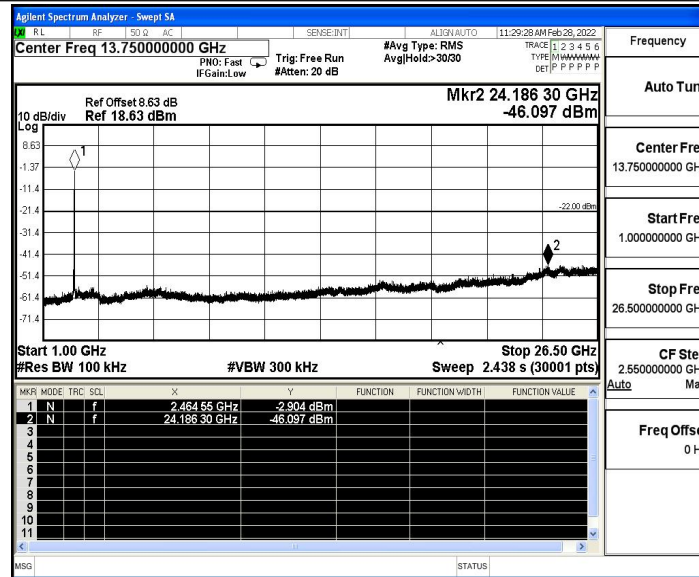
## 11G\_Ant1\_2462\_0~Reference



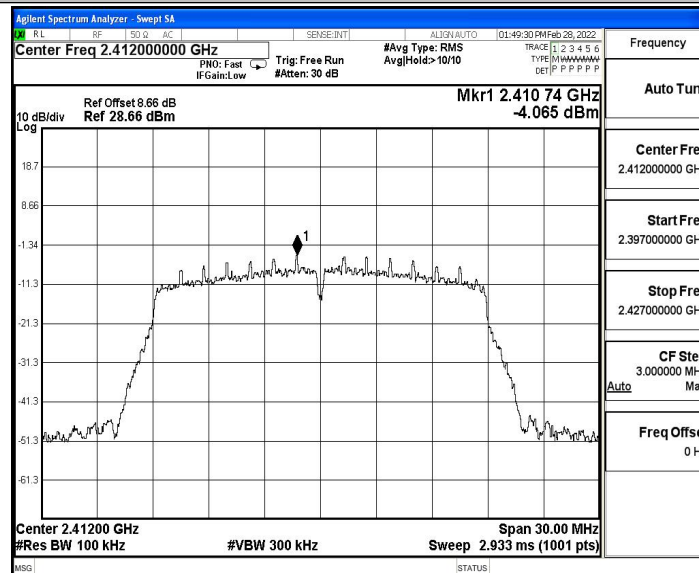
## 11G\_Ant1\_2462\_30~1000



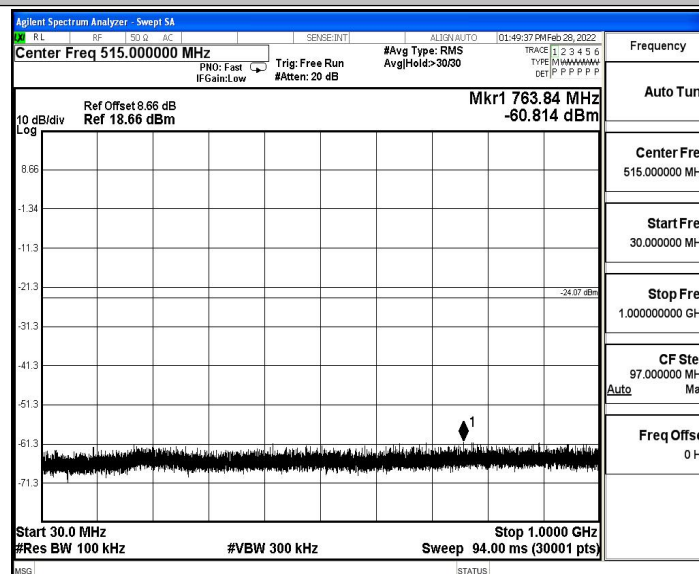
## 11G\_Ant1\_2462\_1000~26500



11N20SISO\_Ant1\_2412\_0~Reference

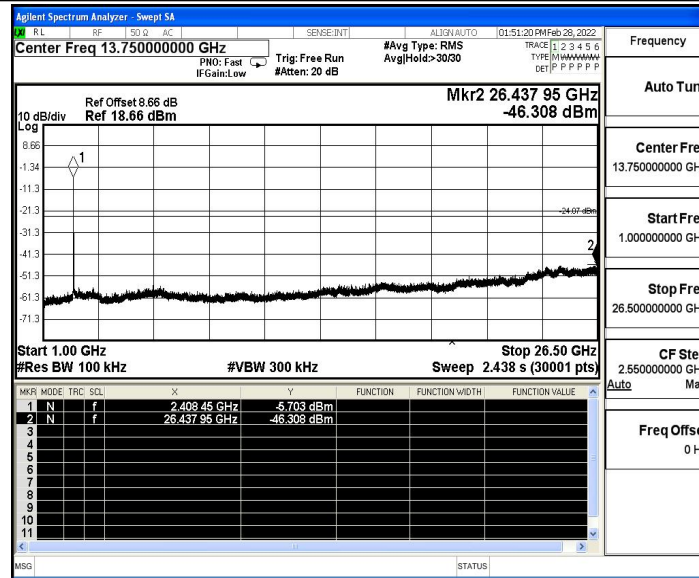


11N20SISO\_Ant1\_2412\_30~1000

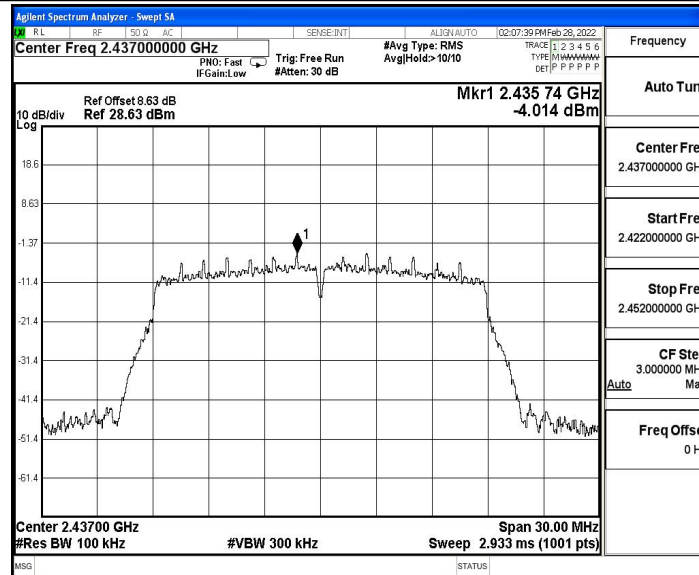




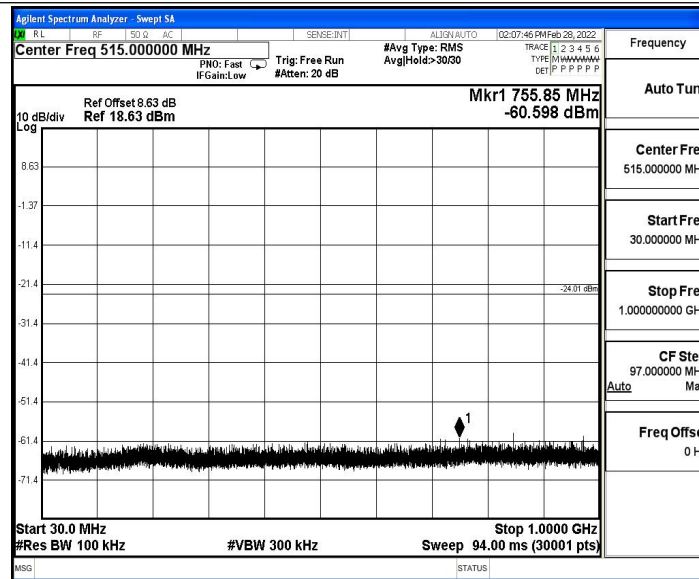
## 11N20SISO\_Ant1\_2412\_1000~26500



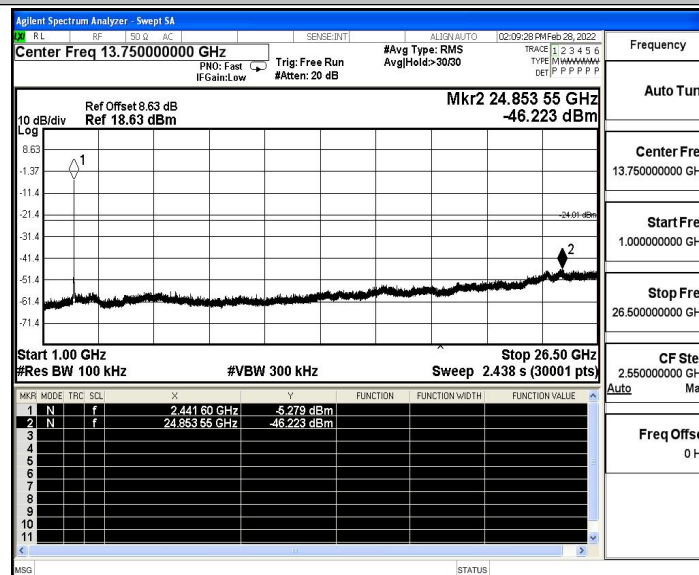
## 11N20SISO\_Ant1\_2437\_0~Reference



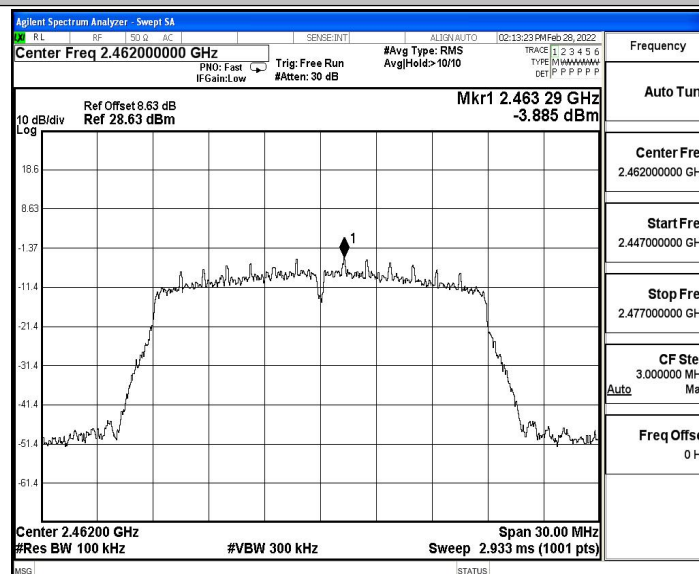
## 11N20SISO\_Ant1\_2437\_30~1000



11N20SISO\_Ant1\_2437\_1000~26500

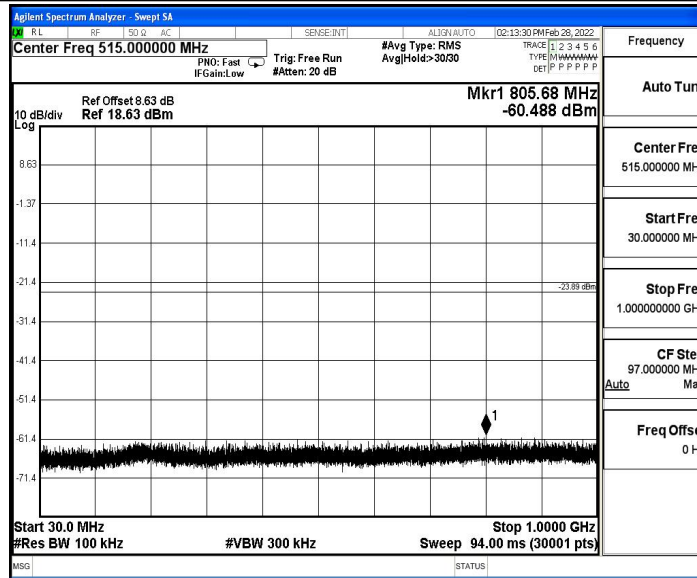


11N20SISO\_Ant1\_2462\_0~Reference

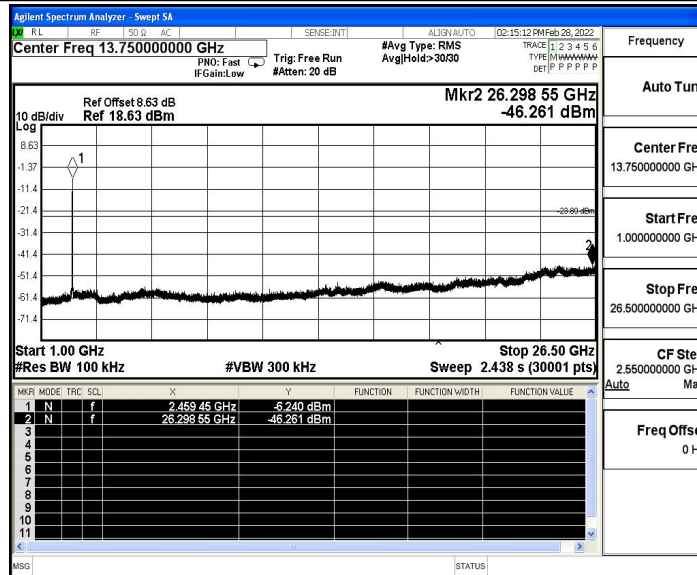




## 11N20SISO\_Ant1\_2462\_30~1000



## 11N20SISO\_Ant1\_2462\_1000~26500





## A.6 Duty Cycle

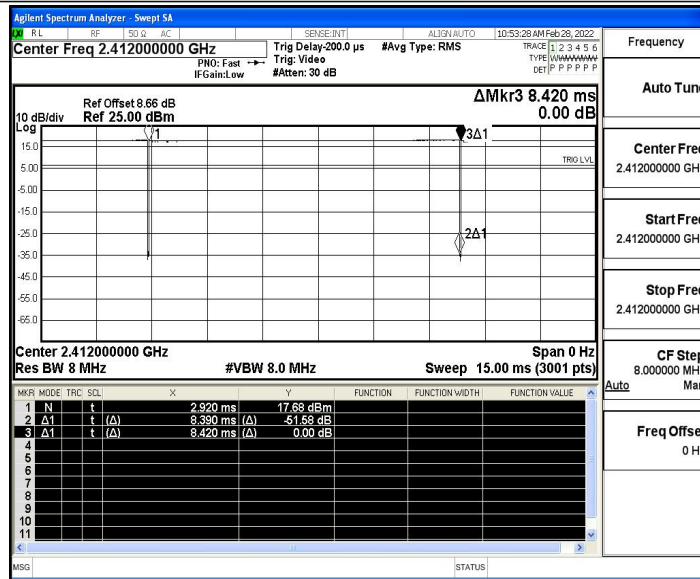
### Test Result

| TestMode  | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | 1/T[kHz] |
|-----------|---------|---------|----------------------------|--------------------------|----------------|----------|
| 11B       | Ant1    | 2412    | 8.39                       | 8.42                     | 99.64          | ---      |
|           |         | 2437    | 8.38                       | 8.42                     | 99.52          | ---      |
|           |         | 2462    | 8.39                       | 8.43                     | 99.53          | ---      |
| 11G       | Ant1    | 2412    | 1.40                       | 1.44                     | 97.22          | 0.72     |
|           |         | 2437    | 1.39                       | 1.43                     | 97.20          | 0.72     |
|           |         | 2462    | 1.39                       | 1.44                     | 96.53          | 0.72     |
| 11N20SISO | Ant1    | 2412    | 1.30                       | 1.34                     | 97.01          | 0.77     |
|           |         | 2437    | 1.30                       | 1.34                     | 97.01          | 0.77     |
|           |         | 2462    | 1.30                       | 1.34                     | 97.01          | 0.77     |

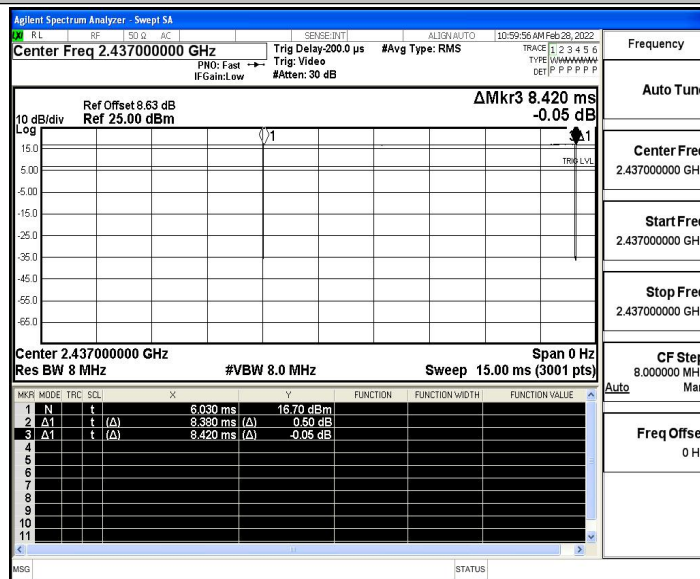


## Test Graphs

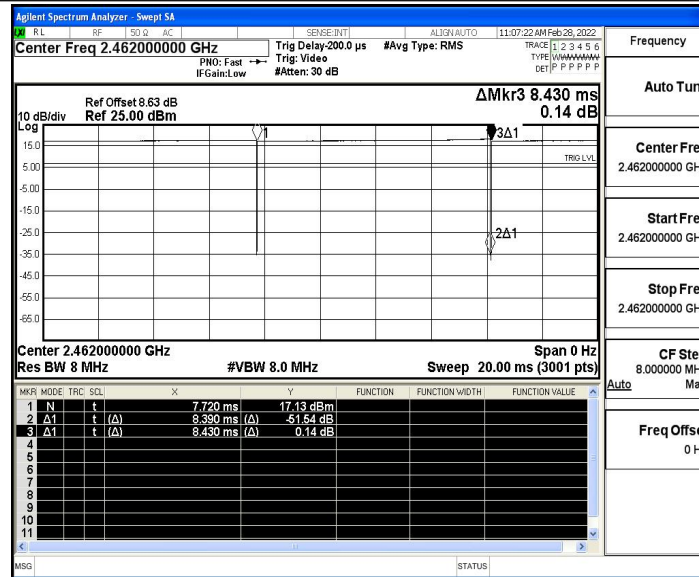
11B\_Ant1\_2412



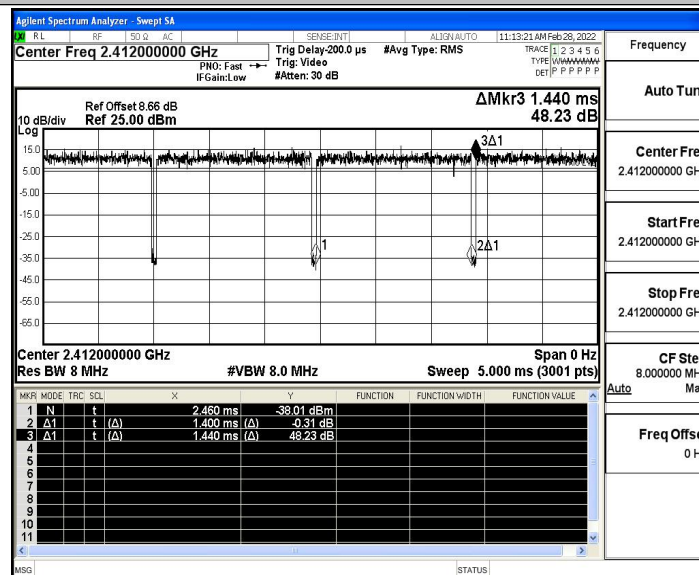
11B\_Ant1\_2437



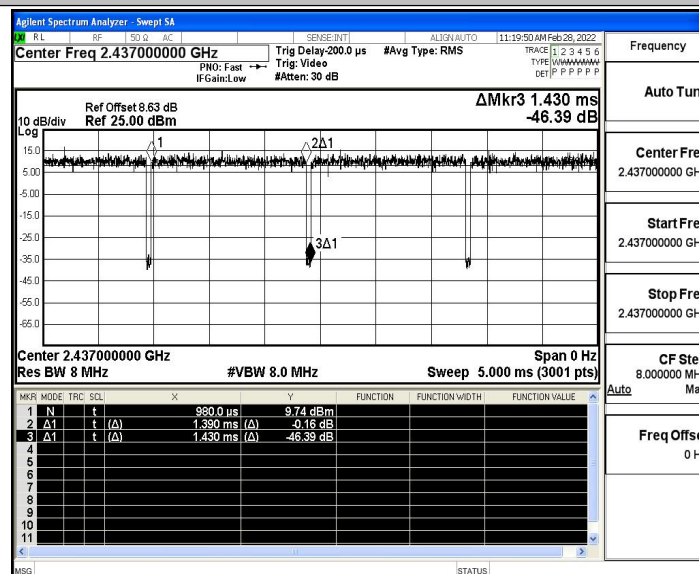
11B\_Ant1\_2462



11G\_Ant1\_2412

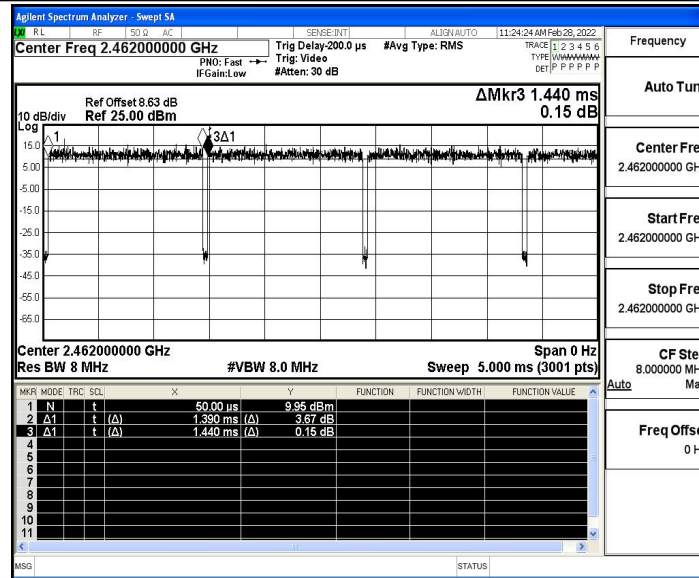


11G\_Ant1\_2437

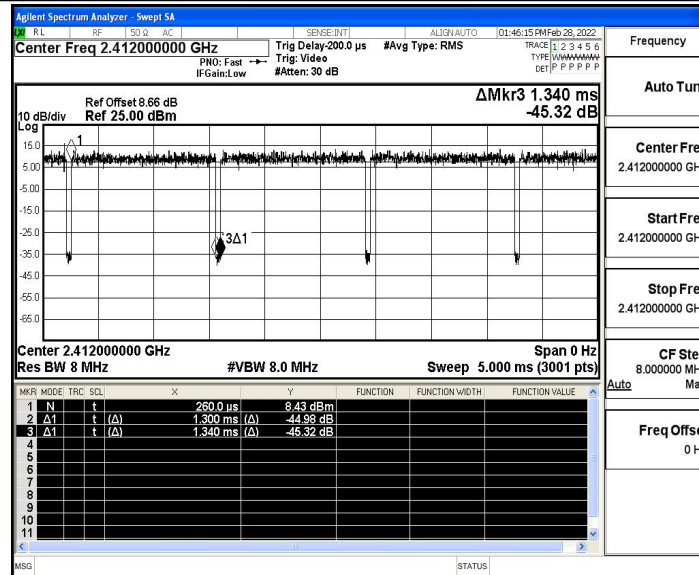




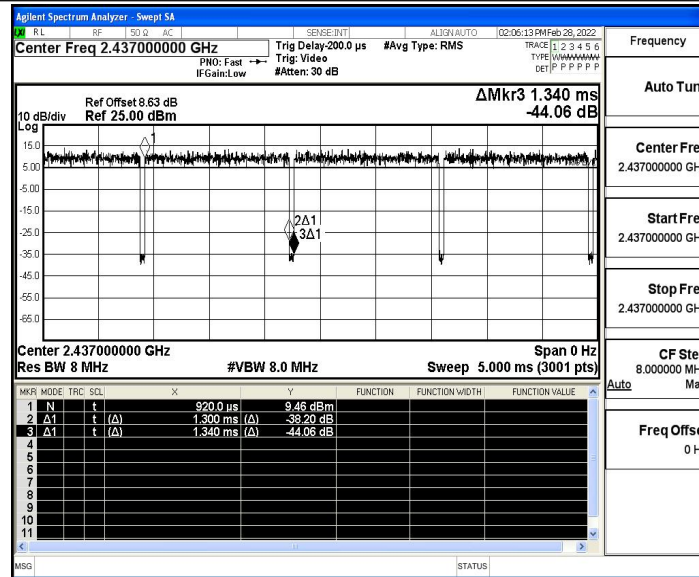
## 11G\_Ant1\_2462



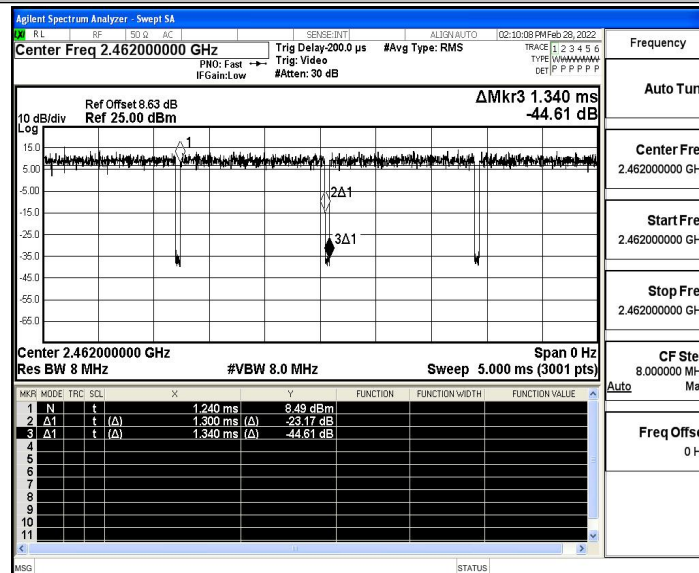
## 11N20SISO\_Ant1\_2412



## 11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462





## A.7 Emissions in Restricted Bands

### Test Result

| TestMode      | Antenna | ChName | Channel | 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       | -48.95          | ≤-41.20        | 46.25              | ≤54               | PASS    |
|               |         |        |         | AV       | 2386.970       | -48.03          | ≤-41.20        | 47.17              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -48.11          | ≤-41.20        | 47.09              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -38.72          | ≤-21.20        | 56.48              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2388.530       | -35.38          | ≤-21.20        | 59.82              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -36.99          | ≤-21.20        | 58.21              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -47.65          | ≤-41.20        | 47.55              | ≤54               | PASS    |
|               |         |        |         | AV       | 2484.110       | -47.65          | ≤-41.20        | 47.55              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -48.02          | ≤-41.20        | 47.18              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -36.34          | ≤-21.20        | 58.86              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2488.840       | -36.08          | ≤-21.20        | 59.12              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -37.3           | ≤-21.20        | 57.90              | ≤74               | PASS    |
| 11G           | Ant1    | Low    | 2412    | AV       | 2310.000       | -48.59          | ≤-41.20        | 46.61              | ≤54               | PASS    |
|               |         |        |         | AV       | 2389.830       | -47.65          | ≤-41.20        | 47.55              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -47.74          | ≤-41.20        | 47.46              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -38.01          | ≤-21.20        | 57.19              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2367.340       | -36.22          | ≤-21.20        | 58.98              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -37.47          | ≤-21.20        | 57.73              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -47.26          | ≤-41.20        | 47.94              | ≤54               | PASS    |
|               |         |        |         | AV       | 2486.750       | -47.1           | ≤-41.20        | 48.10              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -47.57          | ≤-41.20        | 47.63              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -36.03          | ≤-21.20        | 59.17              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2499.400       | -35.75          | ≤-21.20        | 59.45              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -37.19          | ≤-21.20        | 58.01              | ≤74               | PASS    |
| 11N20SI<br>SO | Ant1    | Low    | 2412    | AV       | 2310.000       | -48.54          | ≤-41.20        | 46.66              | ≤54               | PASS    |
|               |         |        |         | AV       | 2387.360       | -47.89          | ≤-41.20        | 47.31              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -47.92          | ≤-41.20        | 47.28              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -37.47          | ≤-21.20        | 57.73              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2388.920       | -36.11          | ≤-21.20        | 59.09              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -36.66          | ≤-21.20        | 58.54              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -47.51          | ≤-41.20        | 47.69              | ≤54               | PASS    |
|               |         |        |         | AV       | 2487.740       | -47.36          | ≤-41.20        | 47.84              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -47.52          | ≤-41.20        | 47.68              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -37.56          | ≤-21.20        | 57.64              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2493.680       | -35.26          | ≤-21.20        | 59.94              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -37.7           | ≤-21.20        | 57.50              | ≤74               | PASS    |



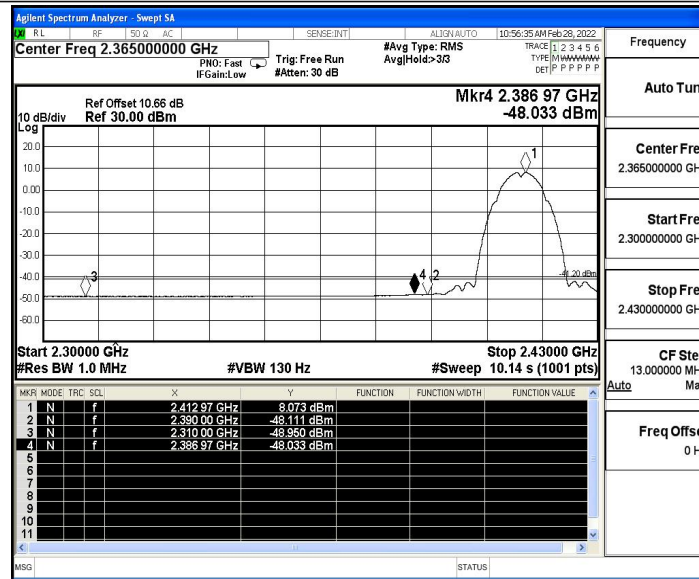
Note:

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.

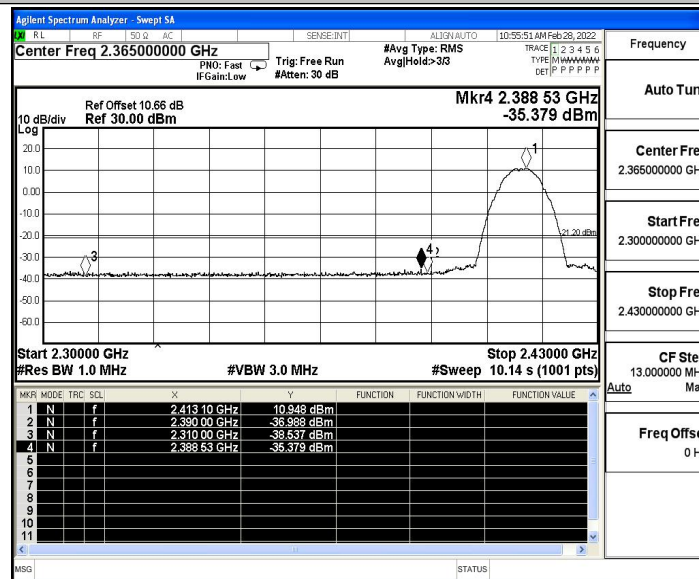


## Test Graphs

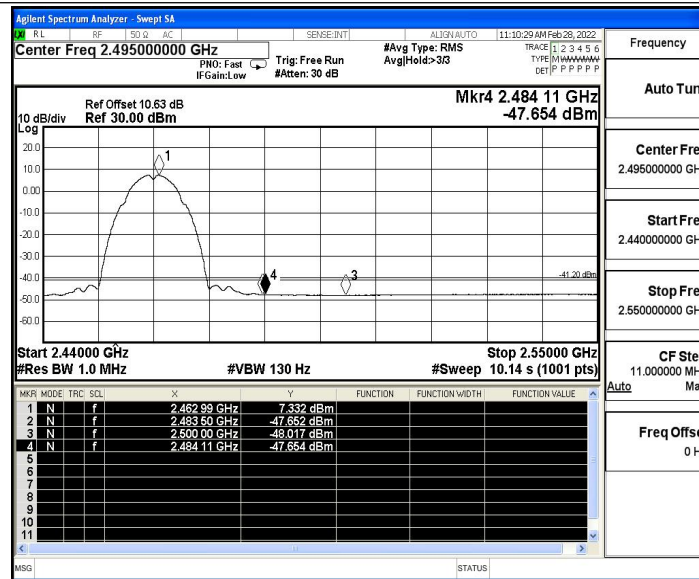
11B\_Ant1\_Low\_2412\_AV



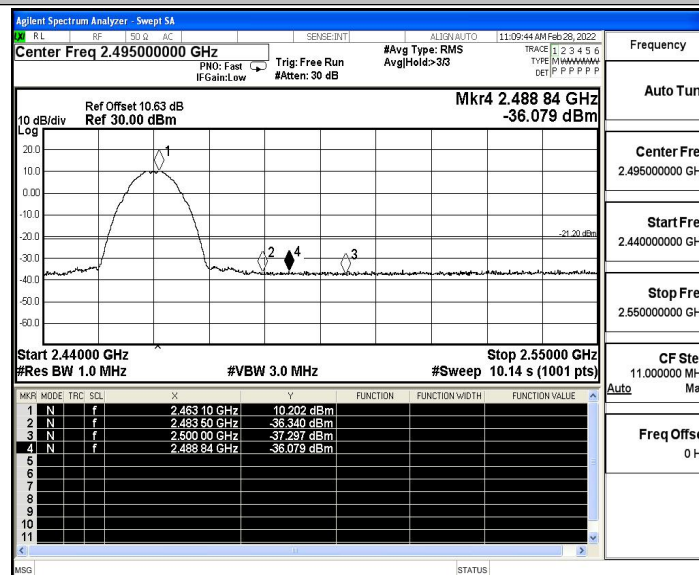
11B\_Ant1\_Low\_2412\_Peak



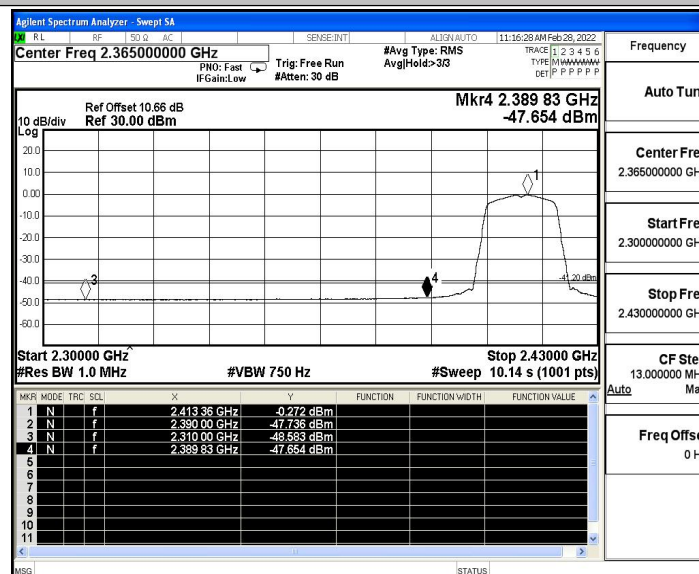
11B\_Ant1\_High\_2462\_AV



11B\_Ant1\_High\_2462\_Peak

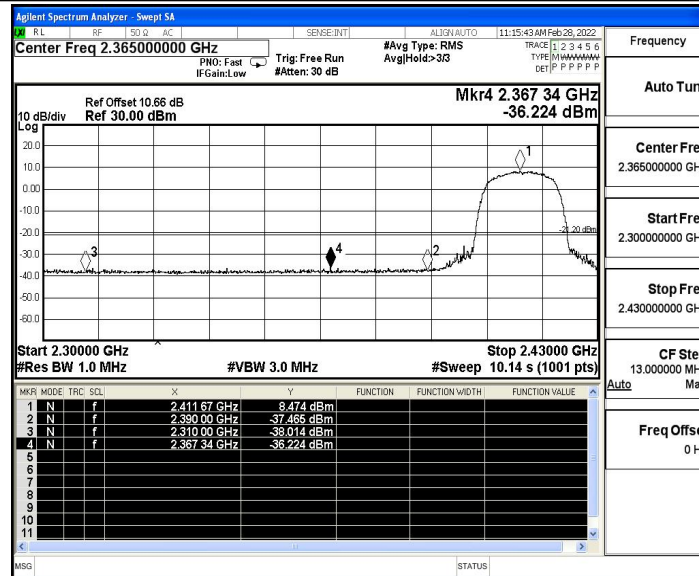


11G\_Ant1\_Low\_2412\_AV

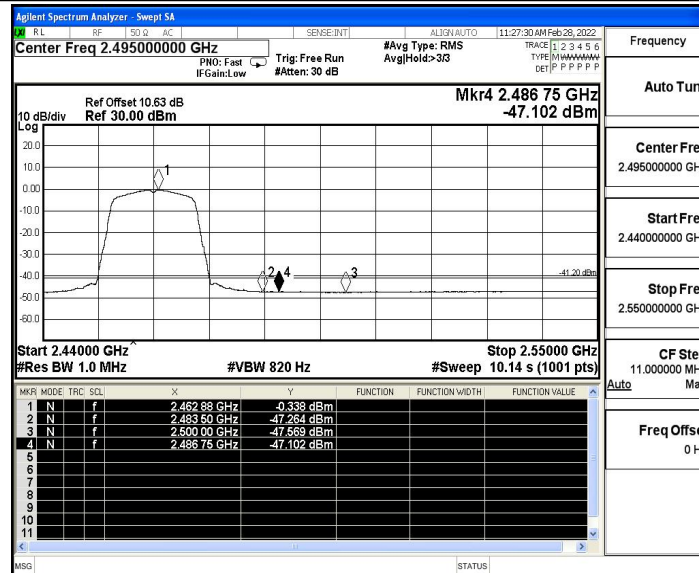




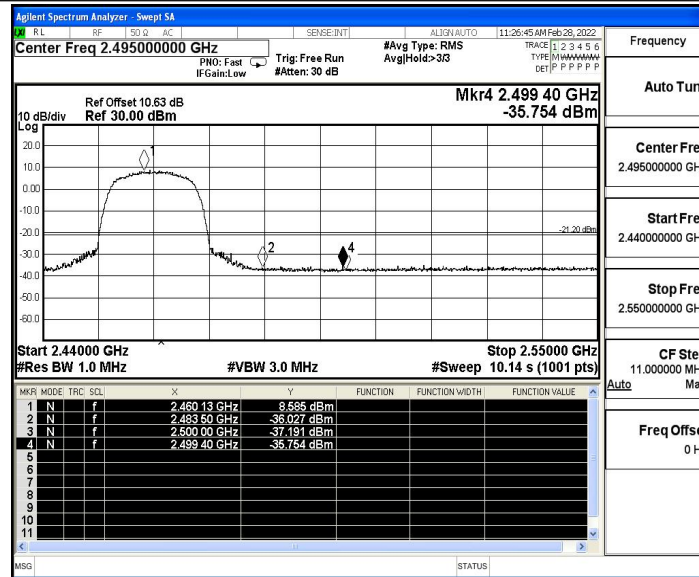
## 11G\_Ant1\_Low\_2412\_Peak



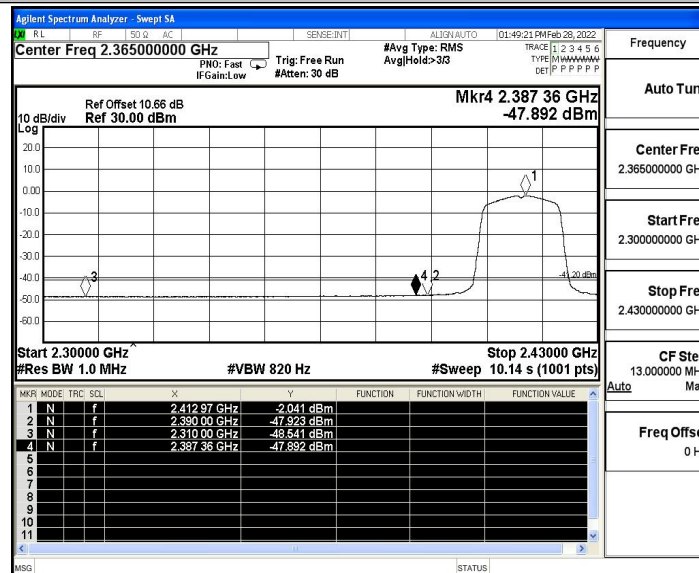
## 11G\_Ant1\_High\_2462\_AV



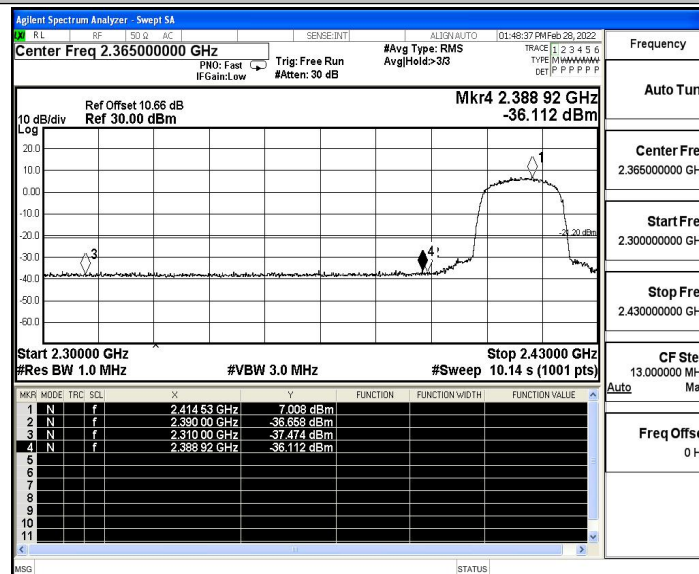
## 11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV

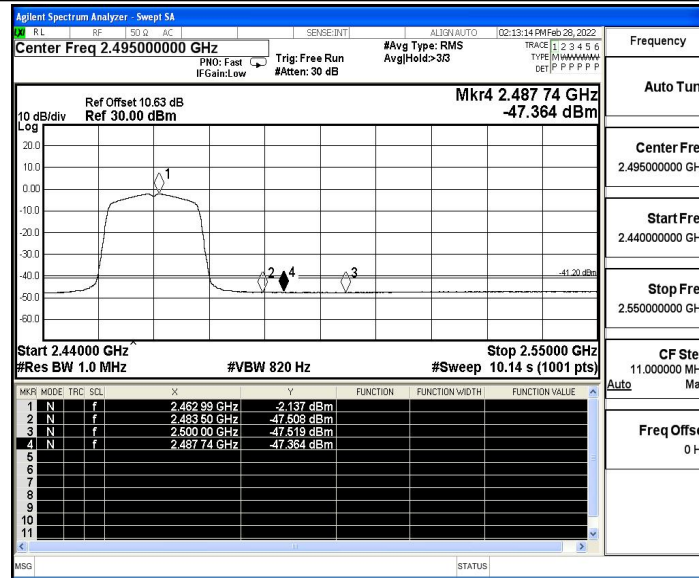


11N20SISO\_Ant1\_Low\_2412\_Peak





## 11N20SISO\_Ant1\_High\_2462\_AV



## 11N20SISO\_Ant1\_High\_2462\_Peak

