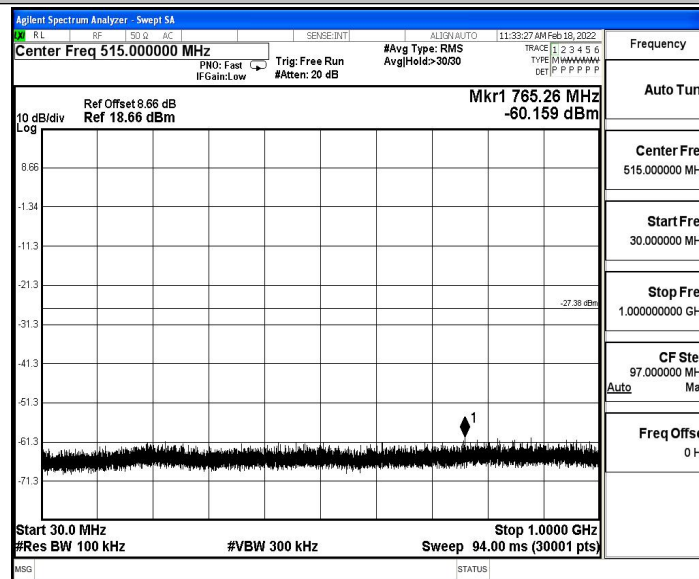
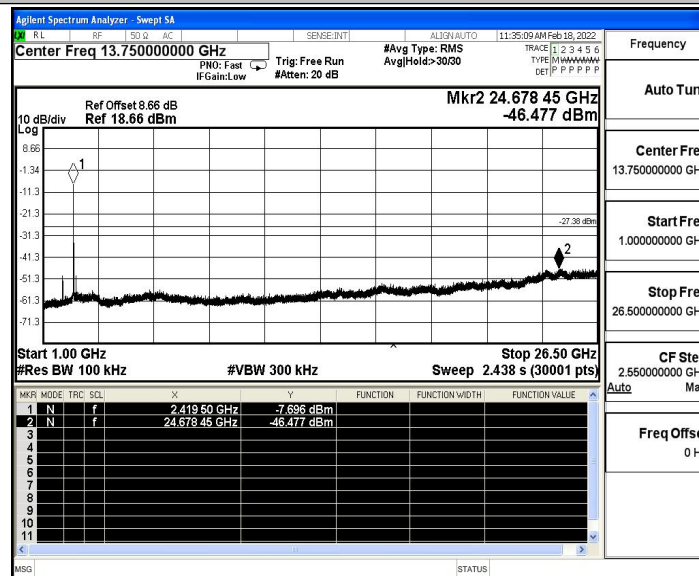




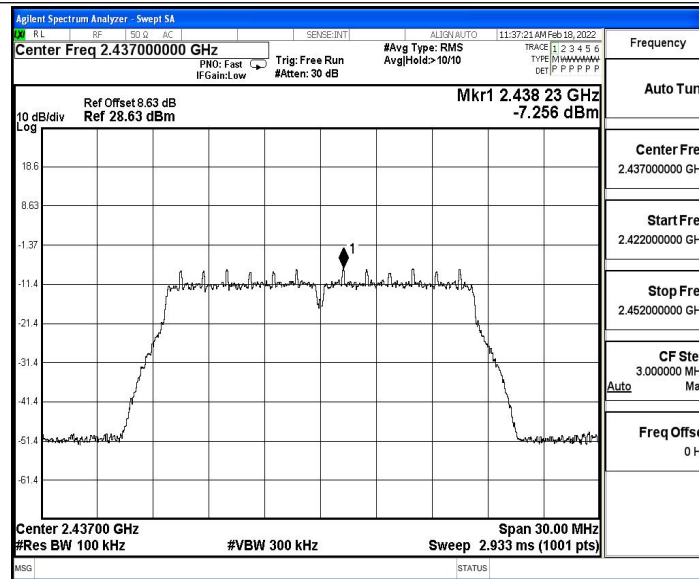
## 11G\_Ant1\_2412\_30~1000



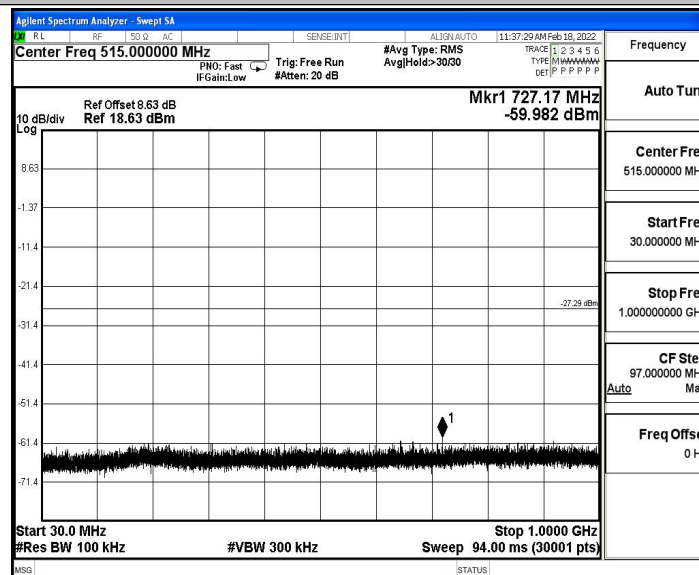
## 11G\_Ant1\_2412\_1000~26500



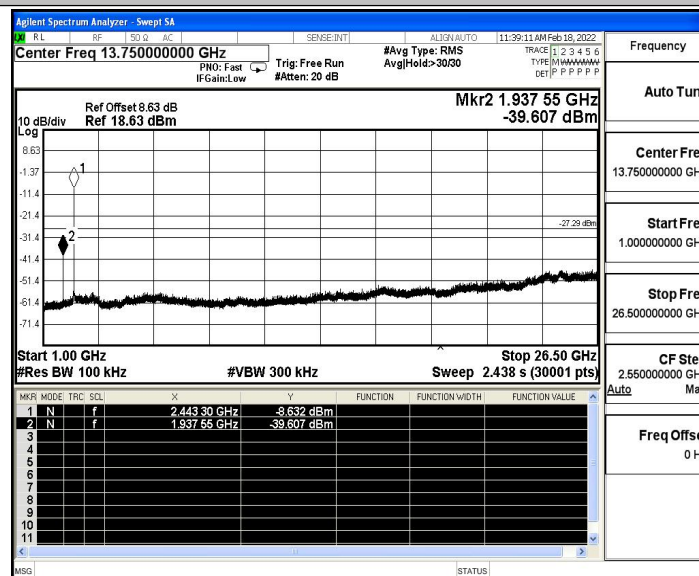
## 11G\_Ant1\_2437\_0~Reference



11G\_Ant1\_2437\_30~1000

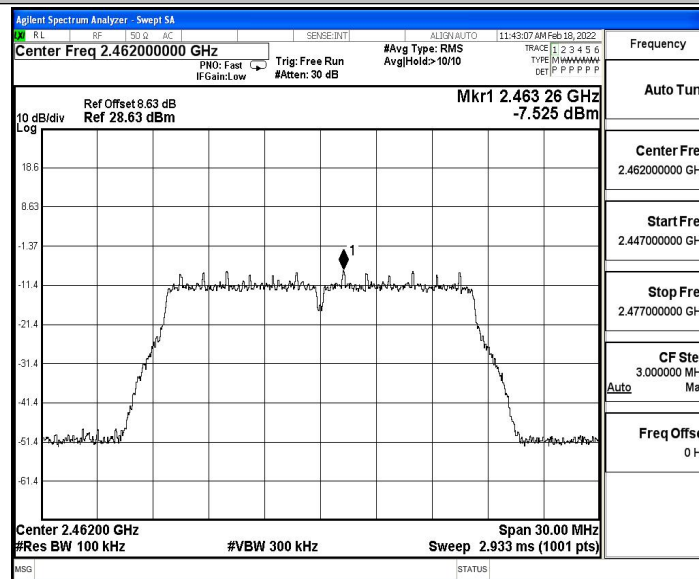


11G\_Ant1\_2437\_1000~26500

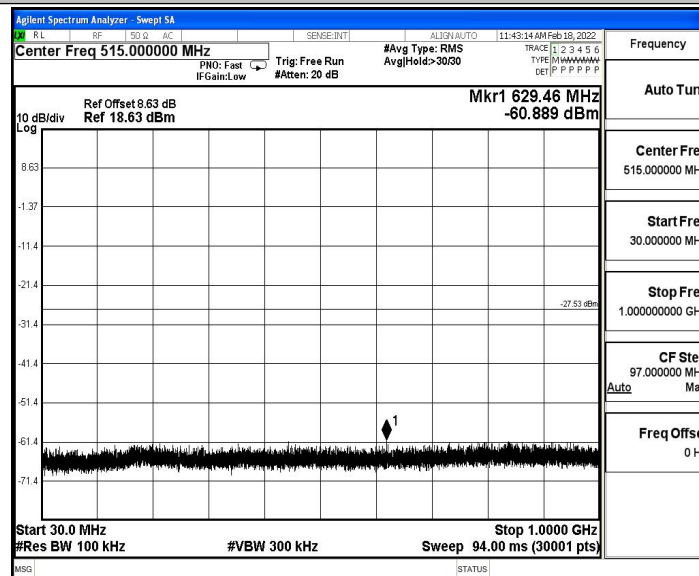




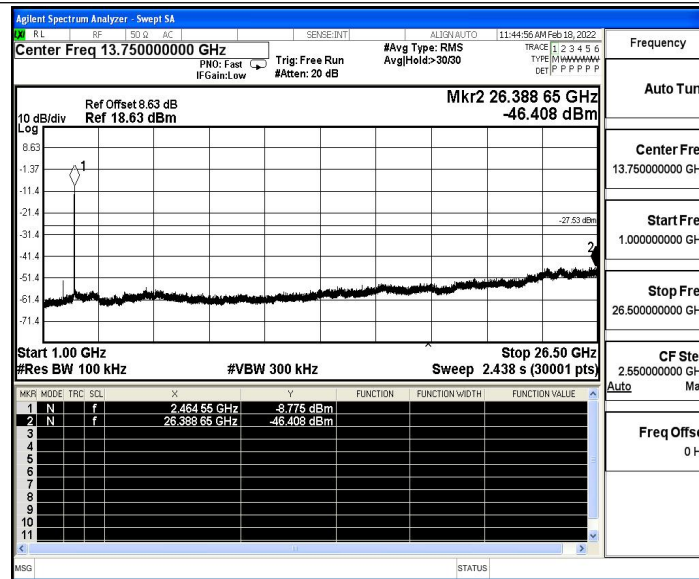
## 11G\_Ant1\_2462\_0~Reference



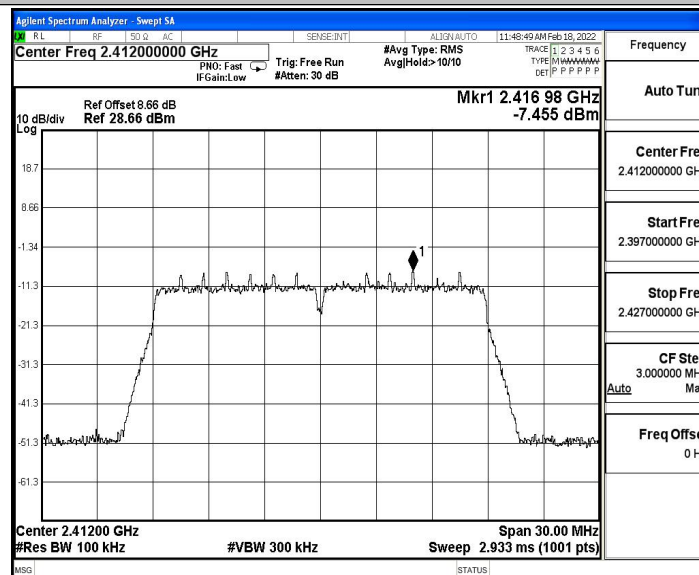
## 11G\_Ant1\_2462\_30~1000



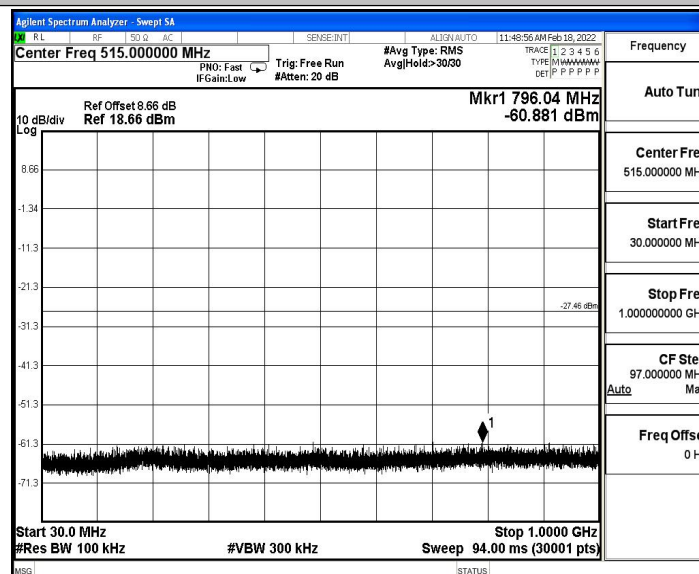
## 11G\_Ant1\_2462\_1000~26500



11N20SISO\_Ant1\_2412\_0~Reference

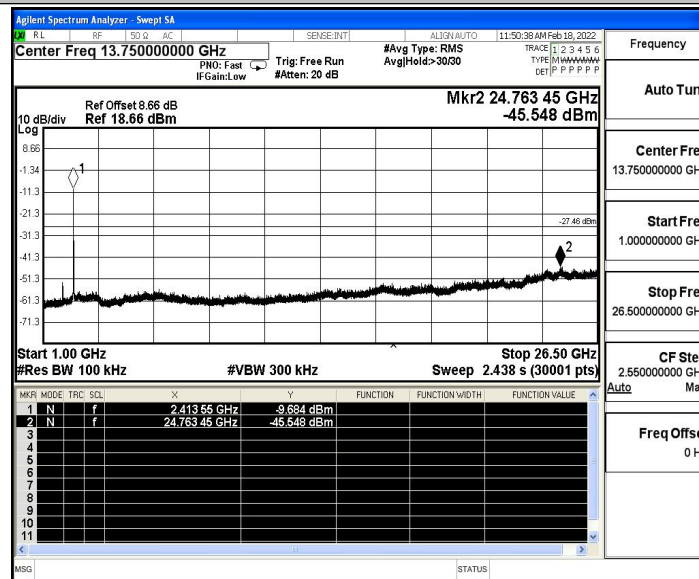


11N20SISO\_Ant1\_2412\_30~1000

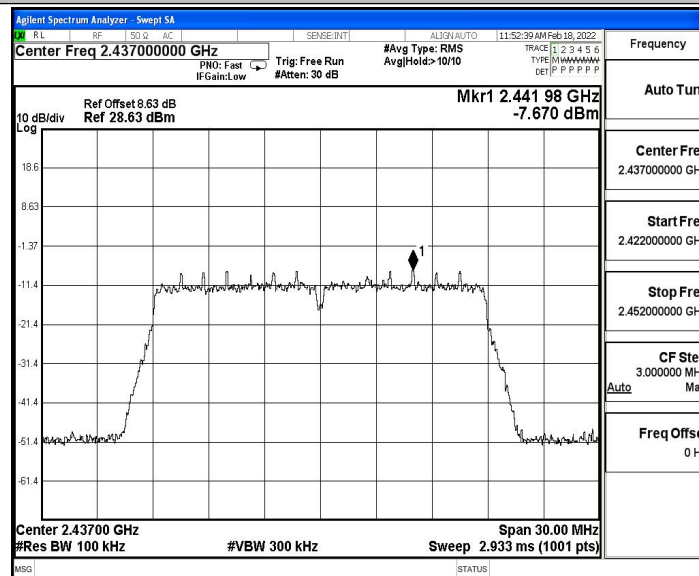




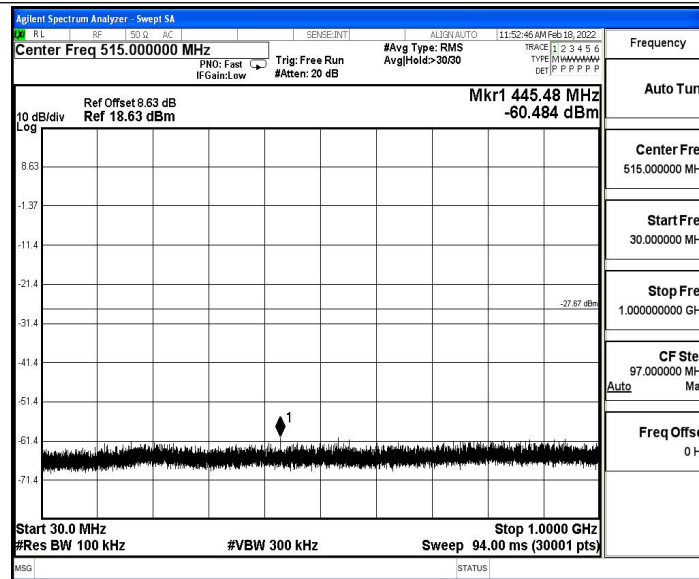
## 11N20SISO\_Ant1\_2412\_1000~26500



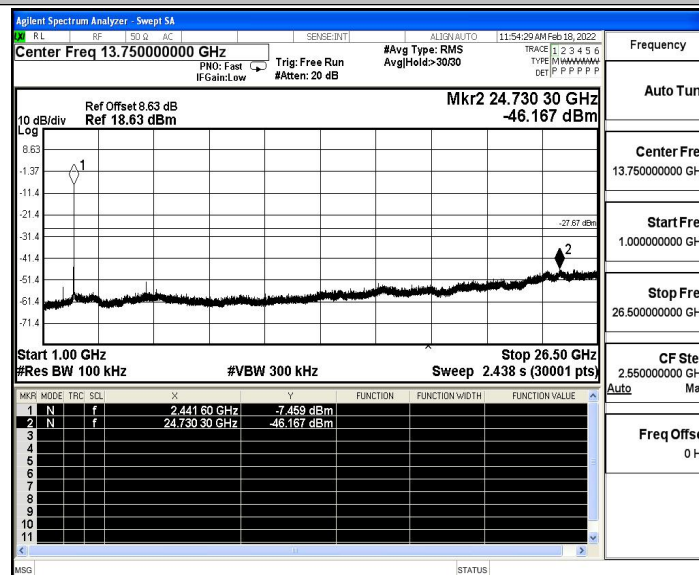
## 11N20SISO\_Ant1\_2437\_0~Reference



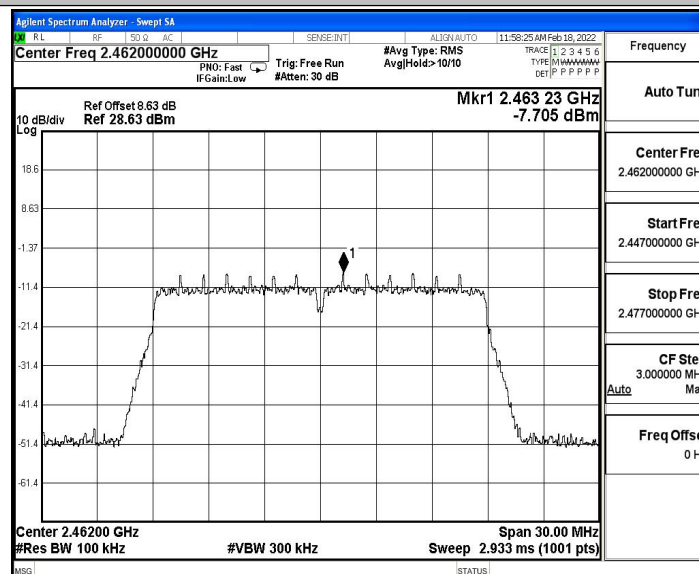
## 11N20SISO\_Ant1\_2437\_30~1000



11N20SISO\_Ant1\_2437\_1000~26500

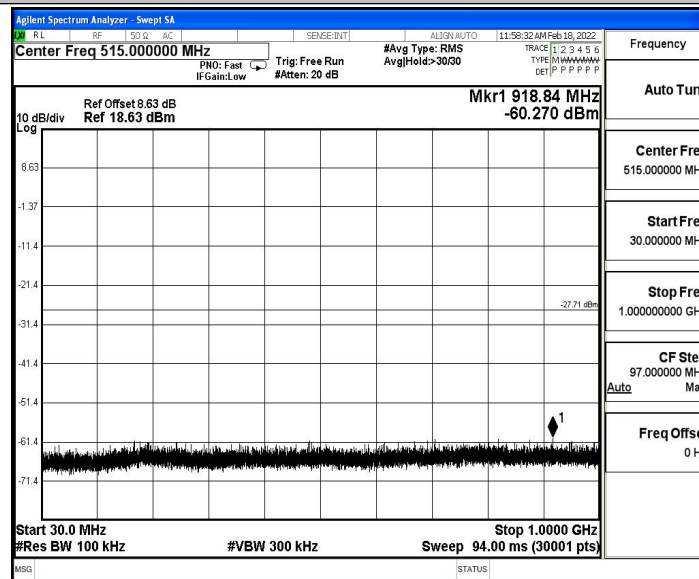


11N20SISO\_Ant1\_2462\_0~Reference

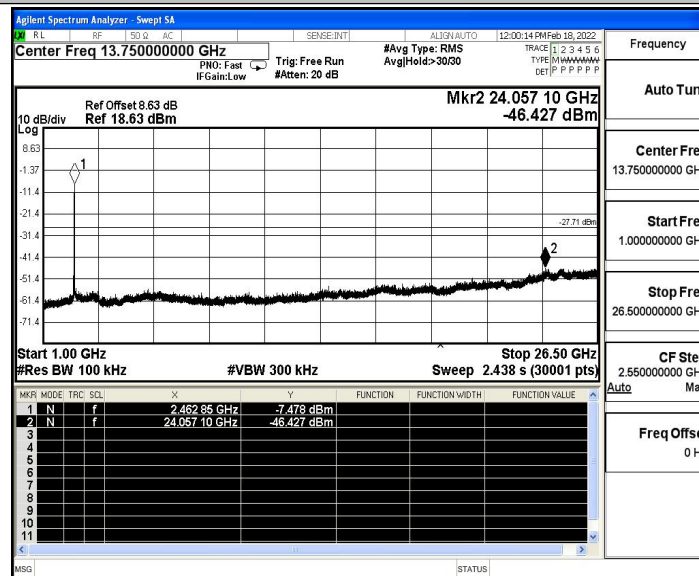




## 11N20SISO\_Ant1\_2462\_30~1000



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



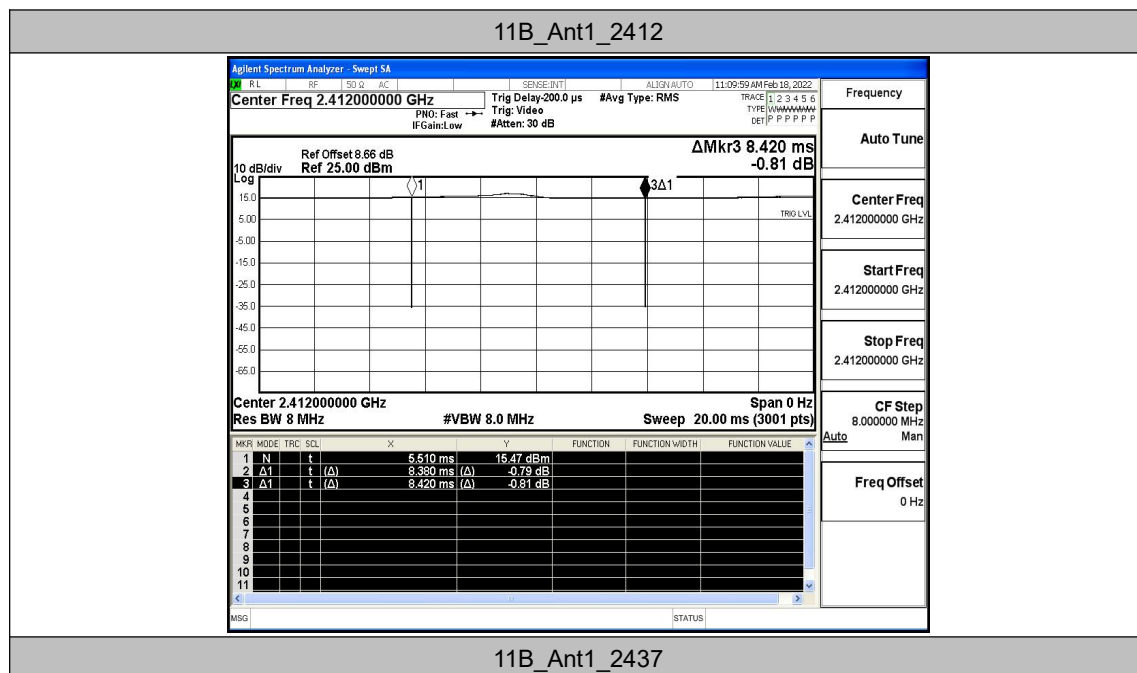


## A.6 Duty Cycle

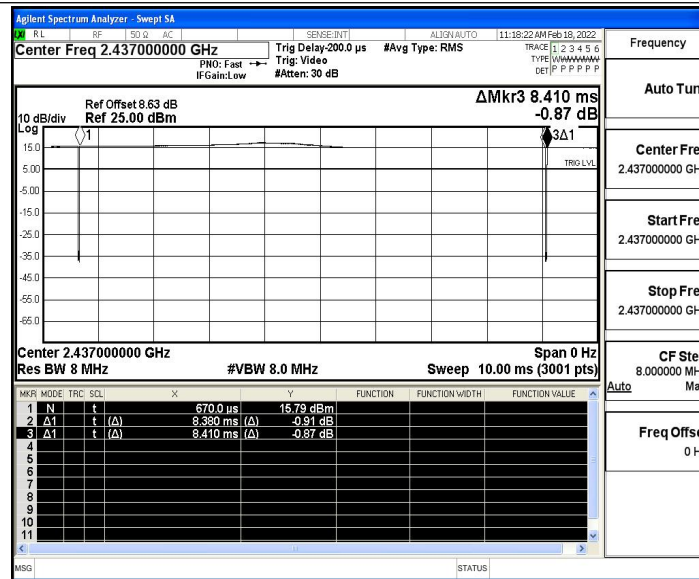
### Test Result

| TestMode  | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|-----------|---------|---------|----------------------------|--------------------------|----------------|-------|---------|
| 11B       | Ant1    | 2412    | 8.38                       | 8.42                     | 99.52          | ---   | ---     |
|           |         | 2437    | 8.38                       | 8.41                     | 99.64          | ---   | ---     |
|           |         | 2462    | 8.39                       | 8.42                     | 99.64          | ---   | ---     |
| 11G       | Ant1    | 2412    | 1.39                       | 1.43                     | 97.20          | ---   | ---     |
|           |         | 2437    | 1.39                       | 1.43                     | 97.20          | ---   | ---     |
|           |         | 2462    | 1.39                       | 1.42                     | 97.89          | ---   | ---     |
| 11N20SISO | Ant1    | 2412    | 1.30                       | 1.34                     | 97.01          | ---   | ---     |
|           |         | 2437    | 1.30                       | 1.34                     | 97.01          | ---   | ---     |
|           |         | 2462    | 1.30                       | 1.33                     | 97.74          | ---   | ---     |

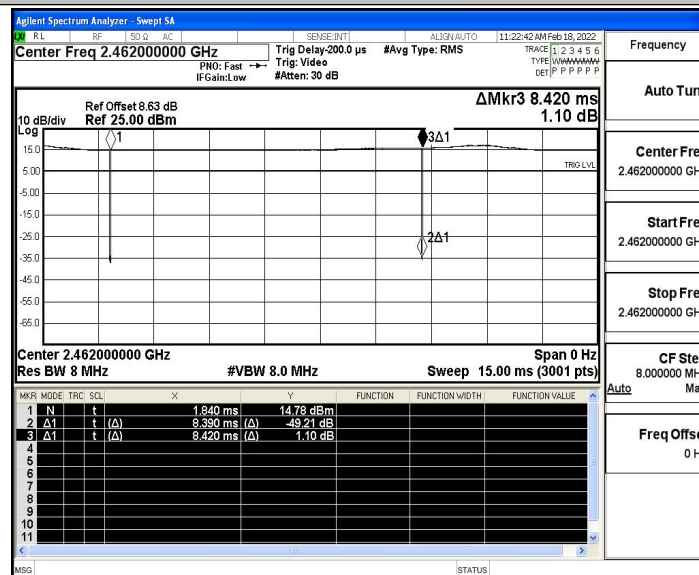
### Test Graphs



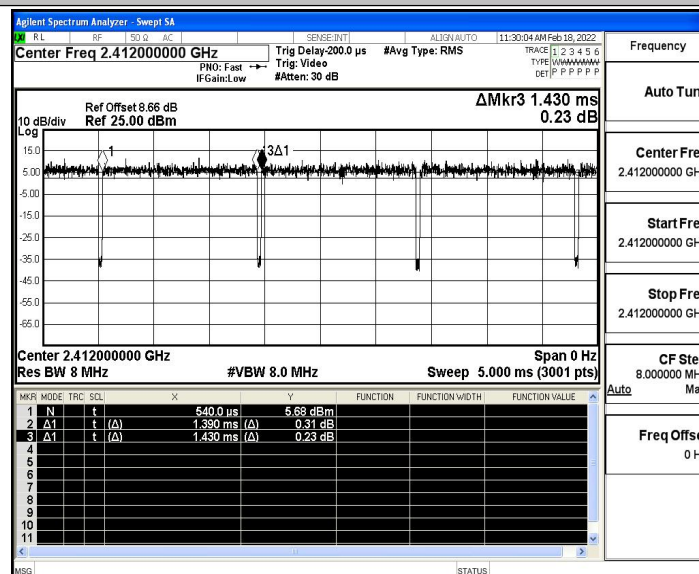




11B\_Ant1\_2462

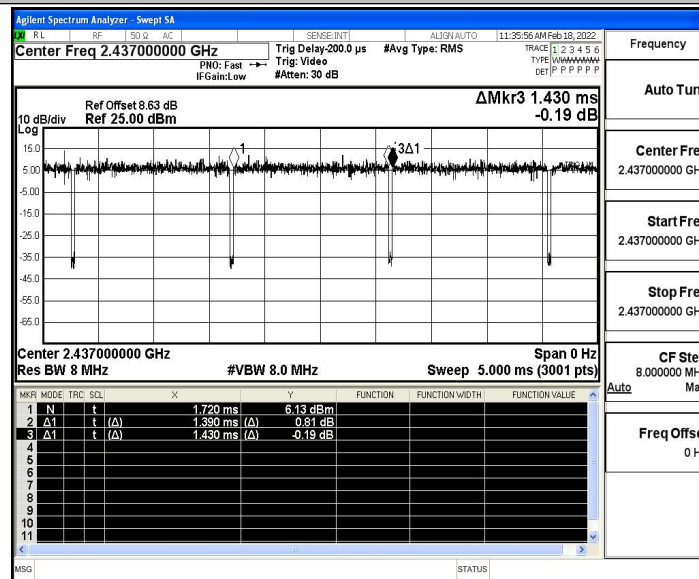


11G\_Ant1\_2412

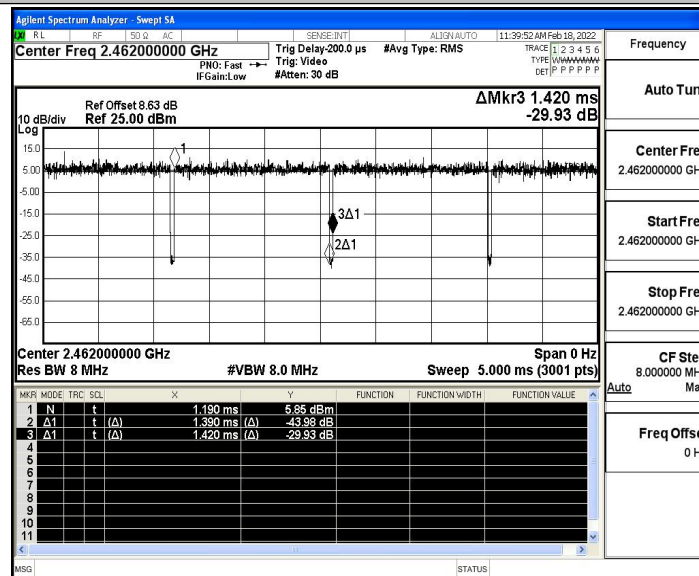




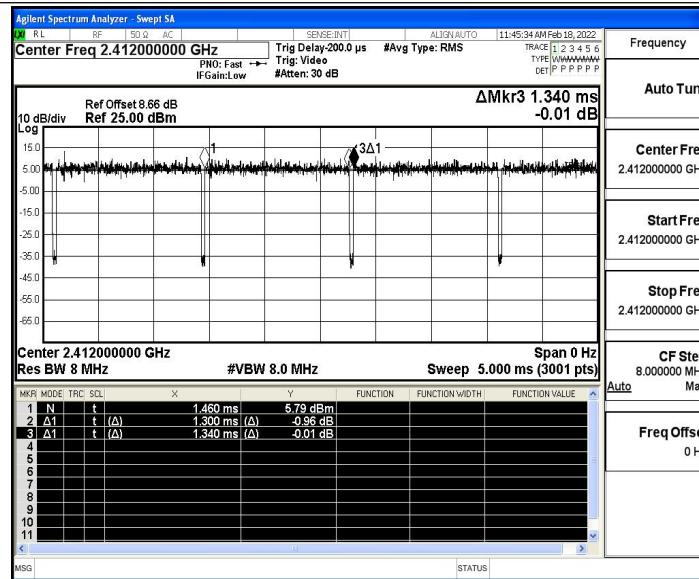
## 11G\_Ant1\_2437



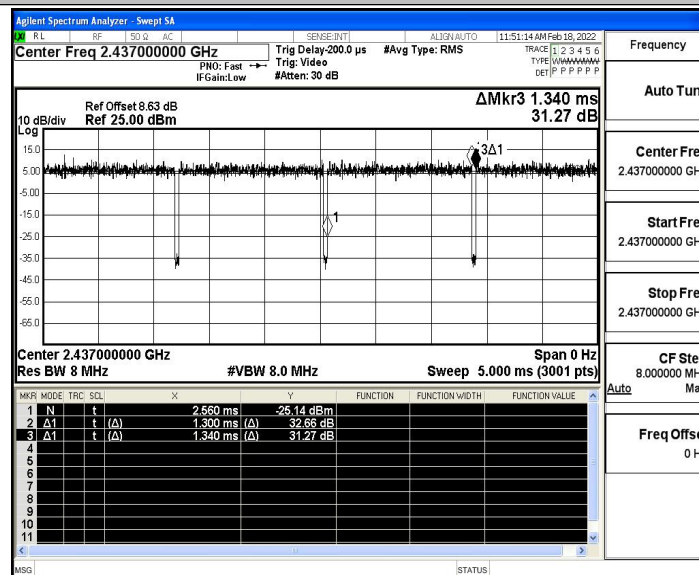
## 11G\_Ant1\_2462



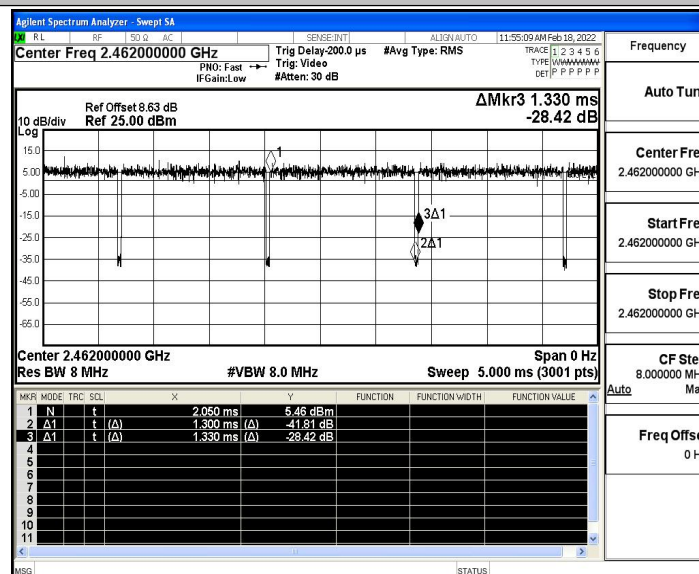
## 11N20SISO\_Ant1\_2412



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       | -48.89          | ≤-41.20        | 46.31              | ≤54               | PASS    |
|               |         |        |         | AV       | 2388.920       | -48.22          | ≤-41.20        | 46.98              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -48.31          | ≤-41.20        | 46.89              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -38.02          | ≤-21.20        | 57.18              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2388.790       | -36.22          | ≤-21.20        | 58.98              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -37.68          | ≤-21.20        | 57.52              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -47.91          | ≤-41.20        | 47.29              | ≤54               | PASS    |
|               |         |        |         | AV       | 2499.950       | -47.71          | ≤-41.20        | 47.49              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -47.71          | ≤-41.20        | 47.49              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -37.05          | ≤-21.20        | 58.15              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2489.720       | -35.46          | ≤-21.20        | 59.74              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -36.58          | ≤-21.20        | 58.62              | ≤74               | PASS    |
| 11G           | Ant1    | Low    | 2412    | AV       | 2310.000       | -48.41          | ≤-41.20        | 46.79              | ≤54               | PASS    |
|               |         |        |         | AV       | 2388.660       | -47.66          | ≤-41.20        | 47.54              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -47.75          | ≤-41.20        | 47.45              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -38.03          | ≤-21.20        | 57.17              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2388.010       | -35.95          | ≤-21.20        | 59.25              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -37.83          | ≤-21.20        | 57.37              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -47.41          | ≤-41.20        | 47.79              | ≤54               | PASS    |
|               |         |        |         | AV       | 2492.800       | -47.12          | ≤-41.20        | 48.08              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -47.34          | ≤-41.20        | 47.86              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -38.03          | ≤-21.20        | 57.17              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2495.770       | -35.56          | ≤-21.20        | 59.64              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -37.3           | ≤-21.20        | 57.90              | ≤74               | PASS    |
| 11N20SIS<br>O | Ant1    | Low    | 2412    | AV       | 2310.000       | -48.27          | ≤-41.20        | 46.93              | ≤54               | PASS    |
|               |         |        |         | AV       | 2389.050       | -47.58          | ≤-41.20        | 47.62              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -47.8           | ≤-41.20        | 47.40              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -38.26          | ≤-21.20        | 56.94              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2318.200       | -36.23          | ≤-21.20        | 58.97              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -38.1           | ≤-21.20        | 57.10              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -47.45          | ≤-41.20        | 47.75              | ≤54               | PASS    |
|               |         |        |         | AV       | 2494.120       | -47.01          | ≤-41.20        | 48.19              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -47.33          | ≤-41.20        | 47.87              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -37.45          | ≤-21.20        | 57.75              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2492.690       | -35.24          | ≤-21.20        | 59.96              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -37.34          | ≤-21.20        | 57.86              | ≤74               | PASS    |



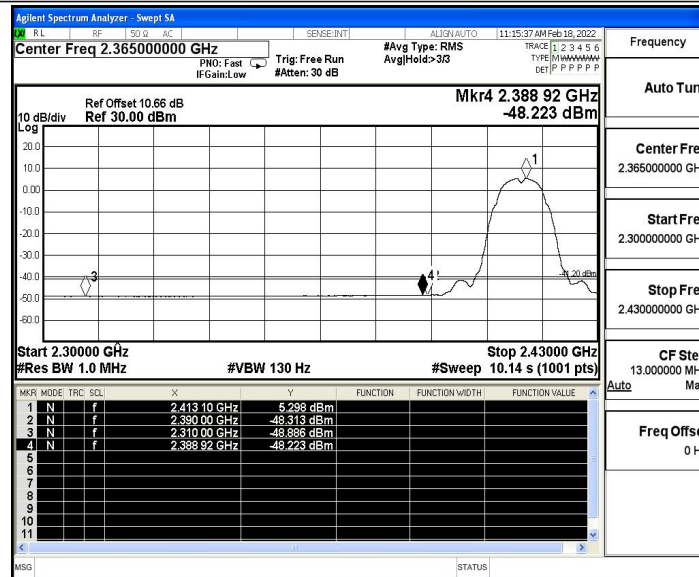
Note:

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.

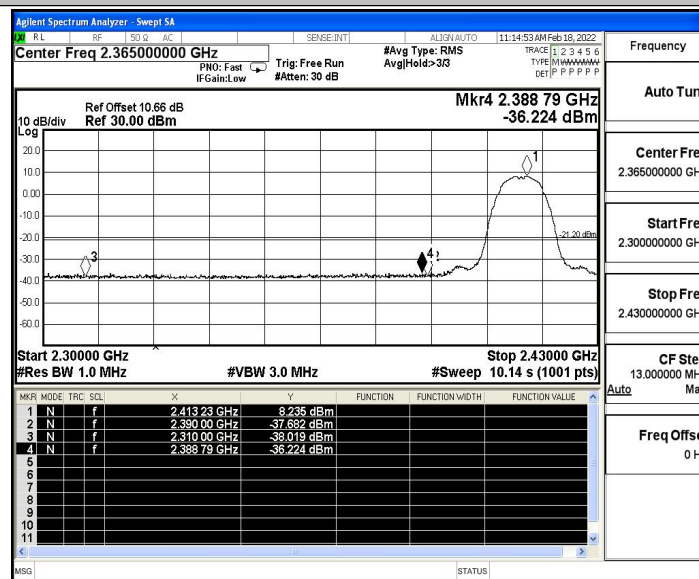


## Test Graphs

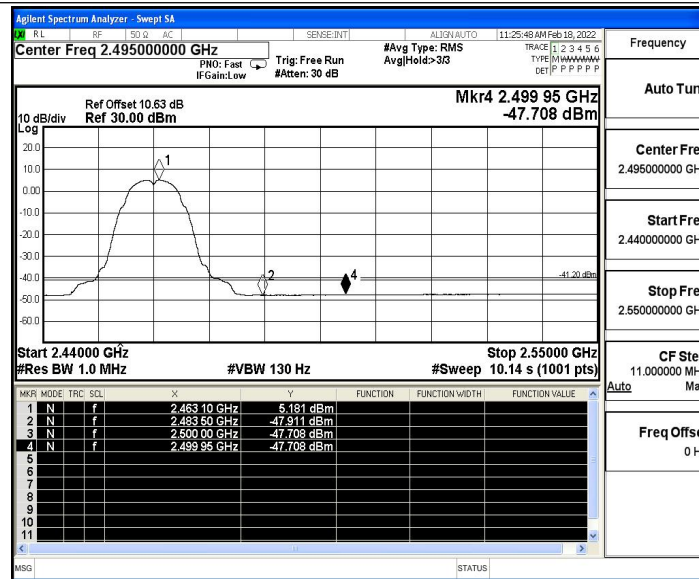
11B\_Ant1\_Low\_2412\_AV



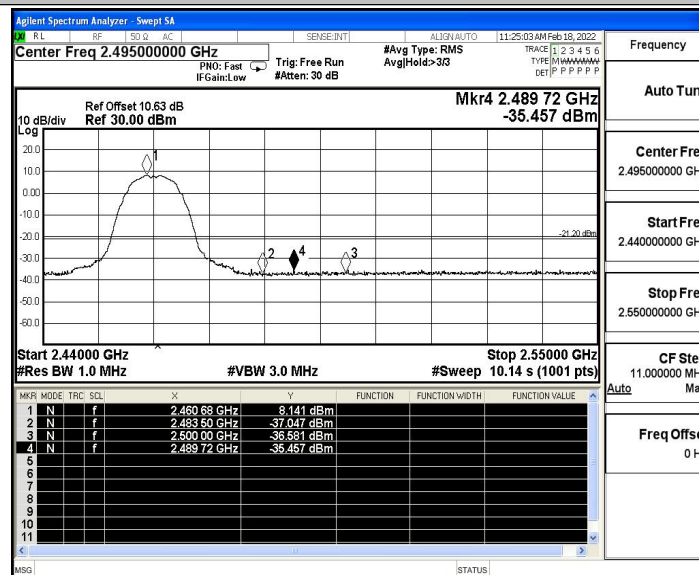
11B\_Ant1\_Low\_2412\_Peak



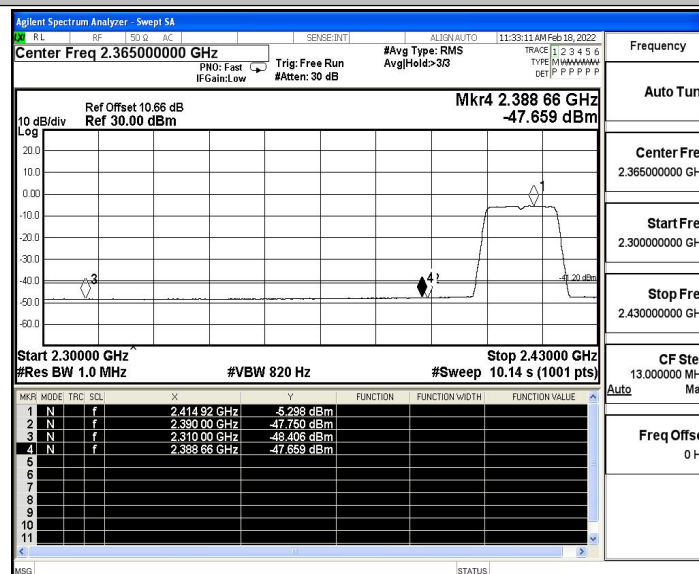
11B\_Ant1\_High\_2462\_AV



11B\_Ant1\_High\_2462\_Peak

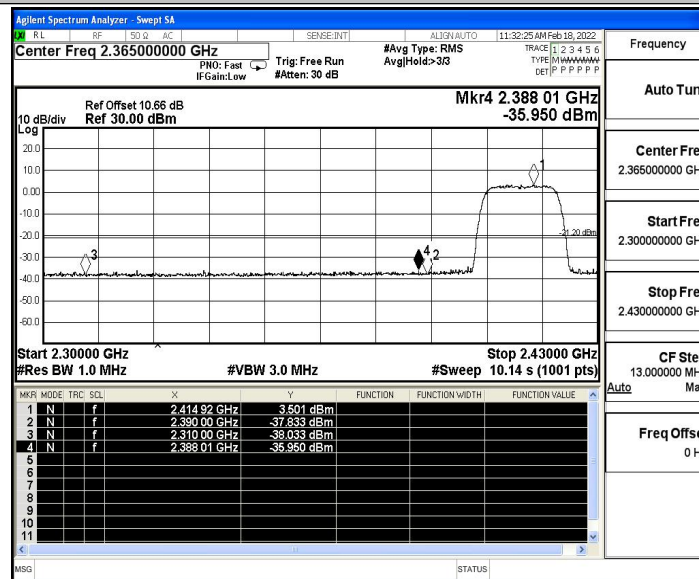


11G\_Ant1\_Low\_2412\_AV

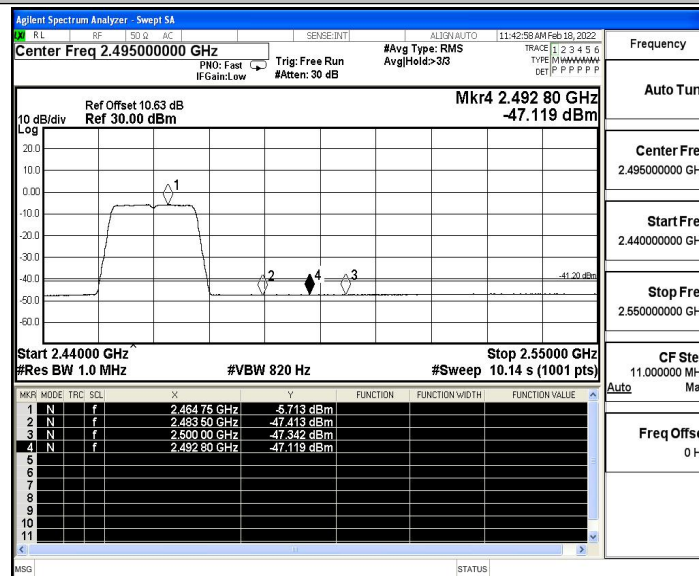




## 11G\_Ant1\_Low\_2412\_Peak



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



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