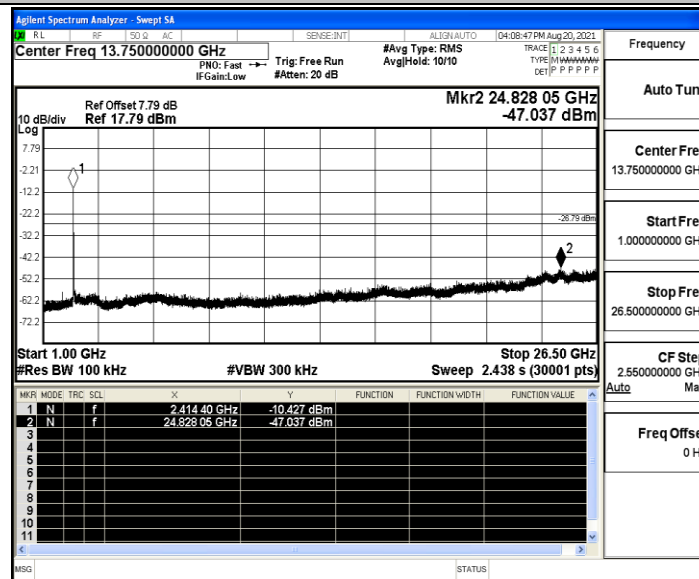
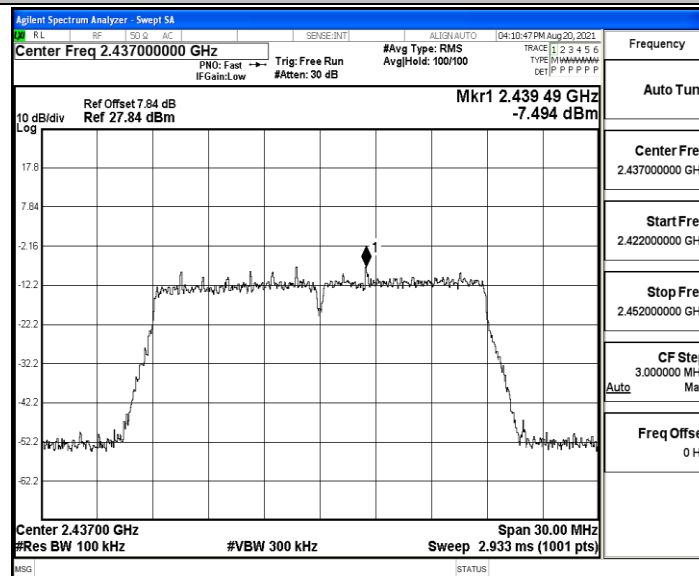




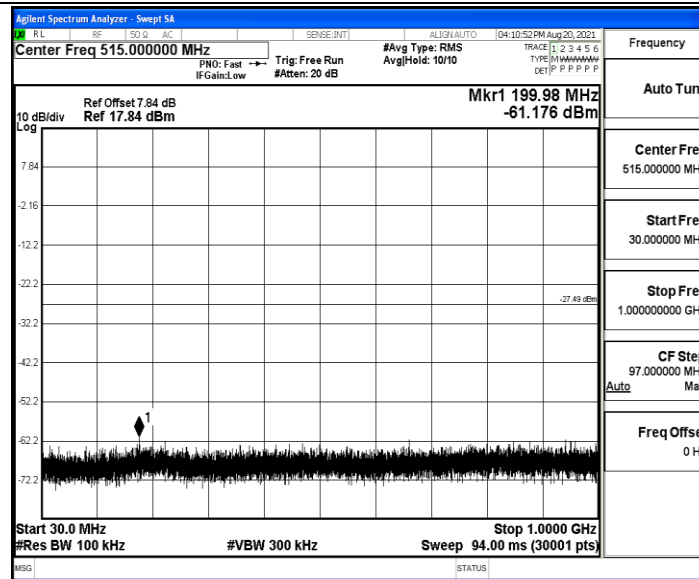
## 11N20SISO\_Ant1\_2412\_1000~26500



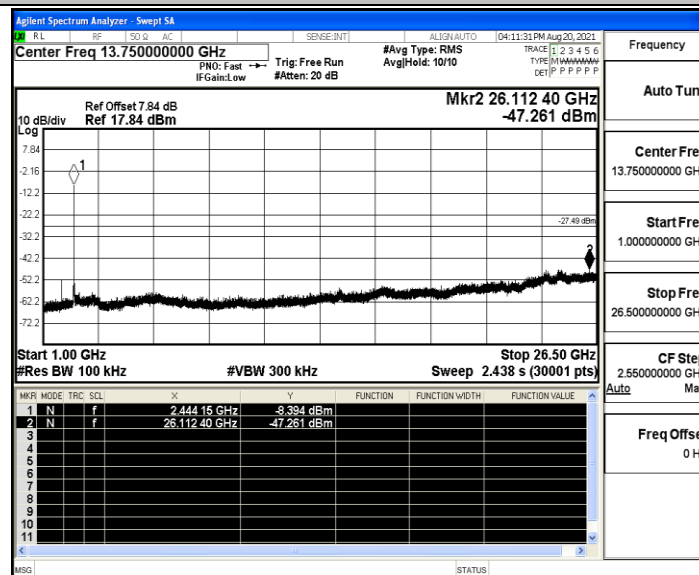
## 11N20SISO\_Ant1\_2437\_0~Reference



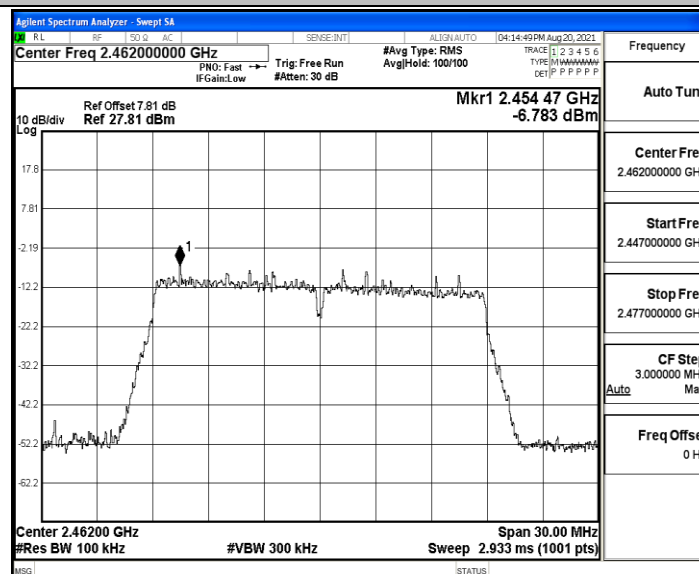
## 11N20SISO\_Ant1\_2437\_30~1000



11N20SISO\_Ant1\_2437\_1000~26500

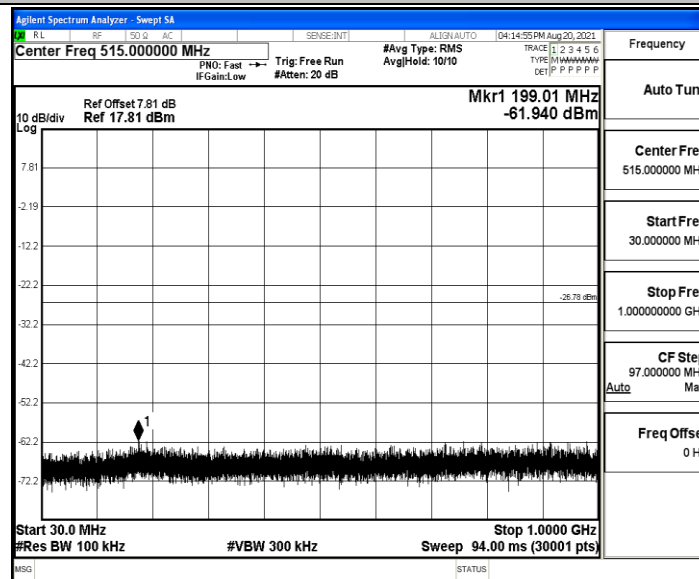


11N20SISO\_Ant1\_2462\_0~Reference

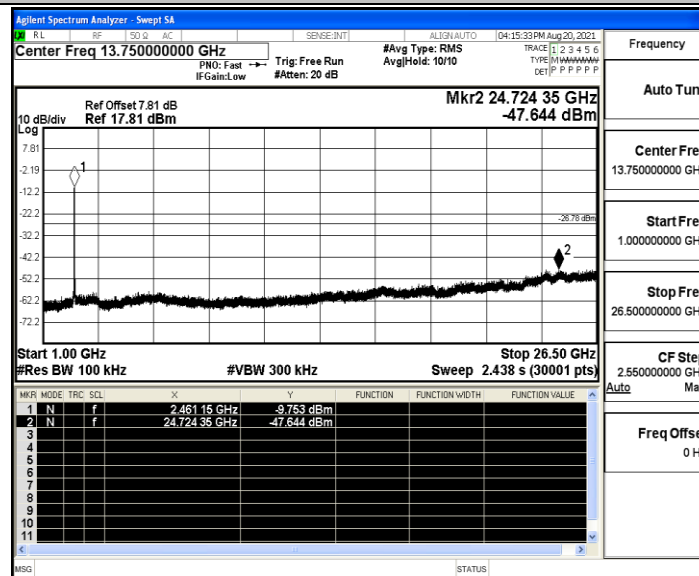




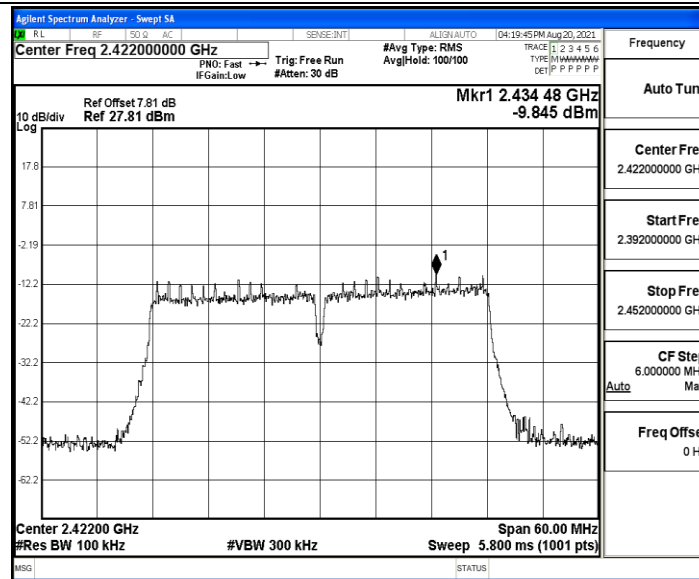
## 11N20SISO\_Ant1\_2462\_30~1000



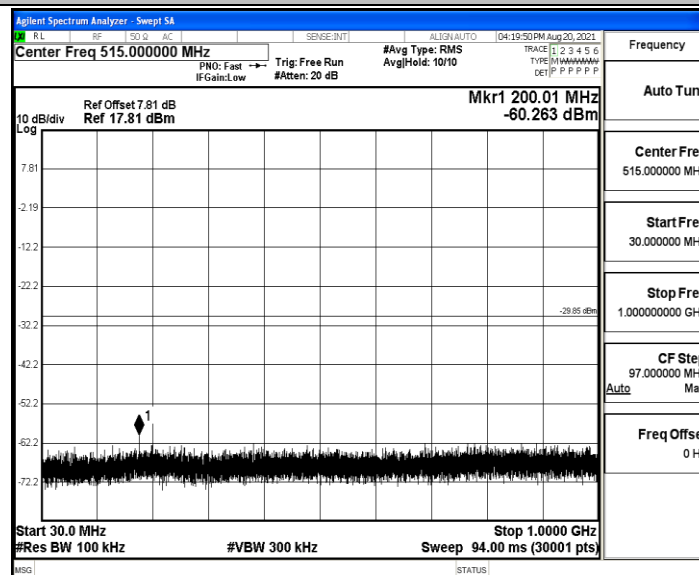
## 11N20SISO\_Ant1\_2462\_1000~26500



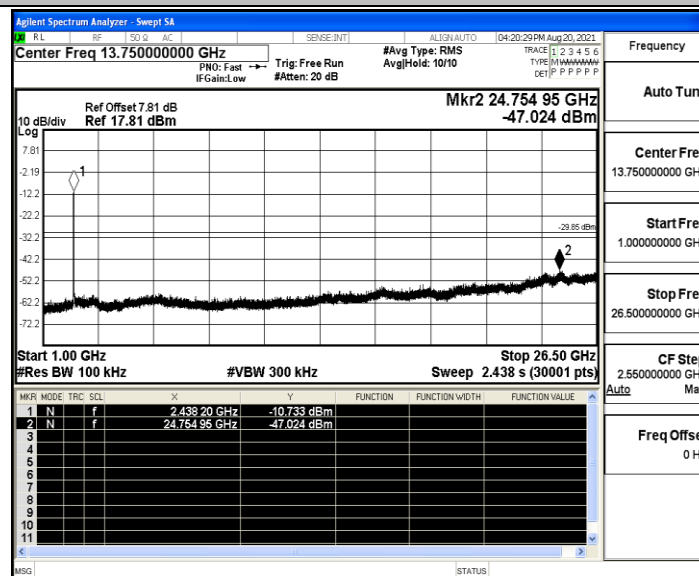
## 11N40SISO\_Ant1\_2422\_0~Reference



11N40SISO\_Ant1\_2422\_30~1000

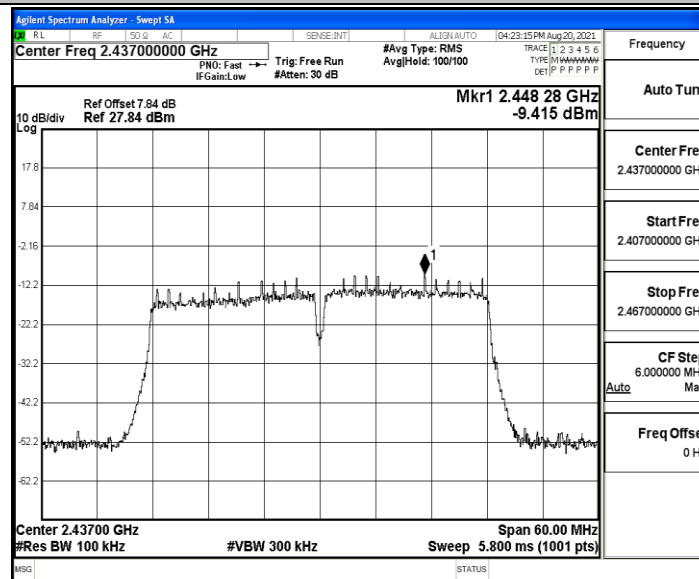


11N40SISO\_Ant1\_2422\_1000~26500

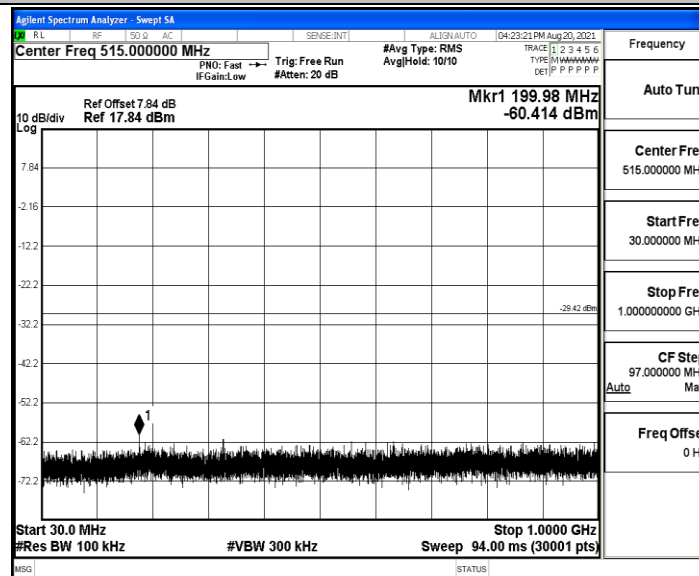




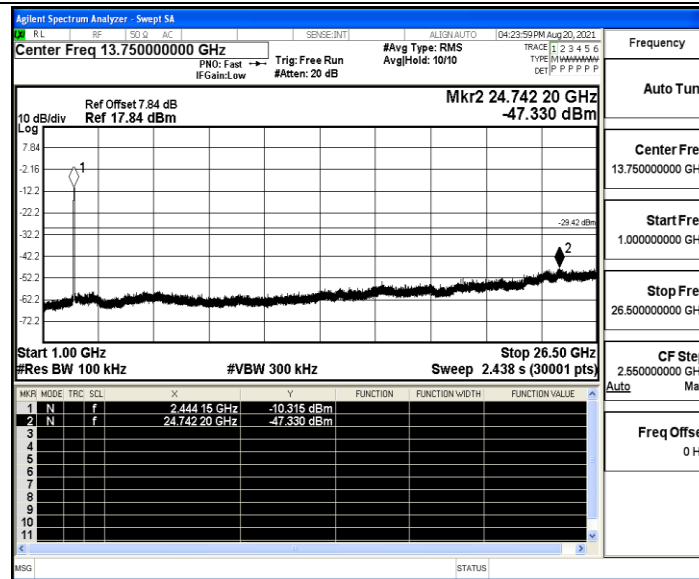
## 11N40SISO\_Ant1\_2437\_0~Reference



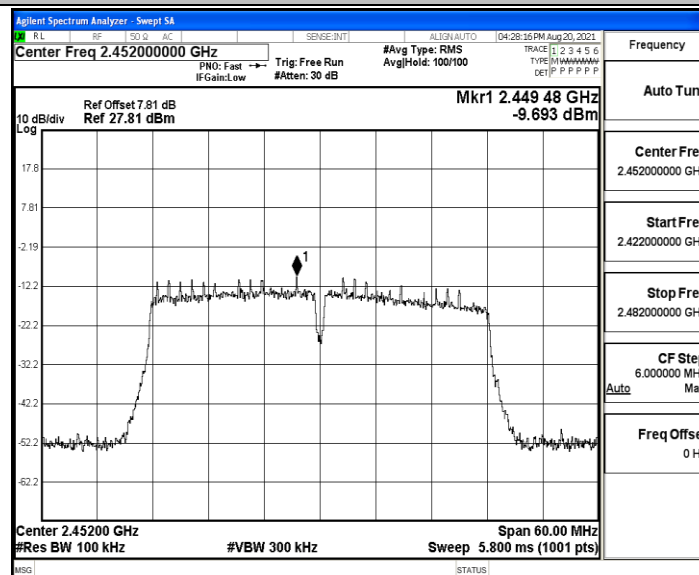
## 11N40SISO\_Ant1\_2437\_30~1000



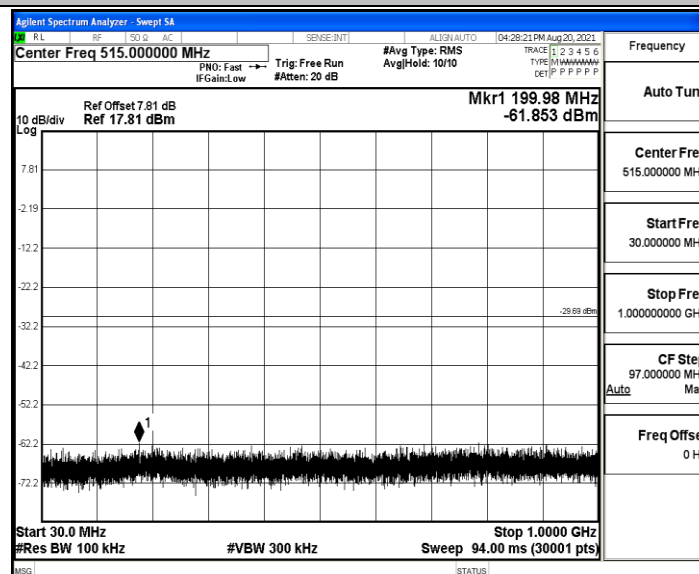
## 11N40SISO\_Ant1\_2437\_1000~26500



11N40SISO\_Ant1\_2452\_0~Reference

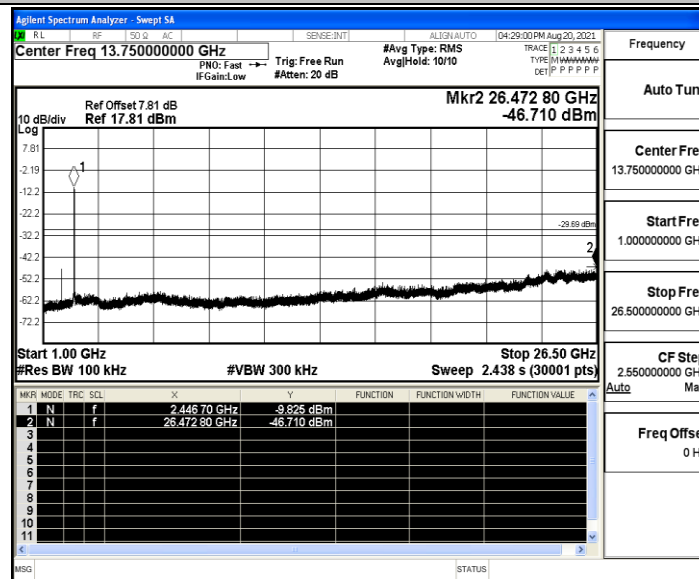


11N40SISO\_Ant1\_2452\_30~1000





## 11N40SISO\_Ant1\_2452\_1000-26500





## A.6 Duty Cycle

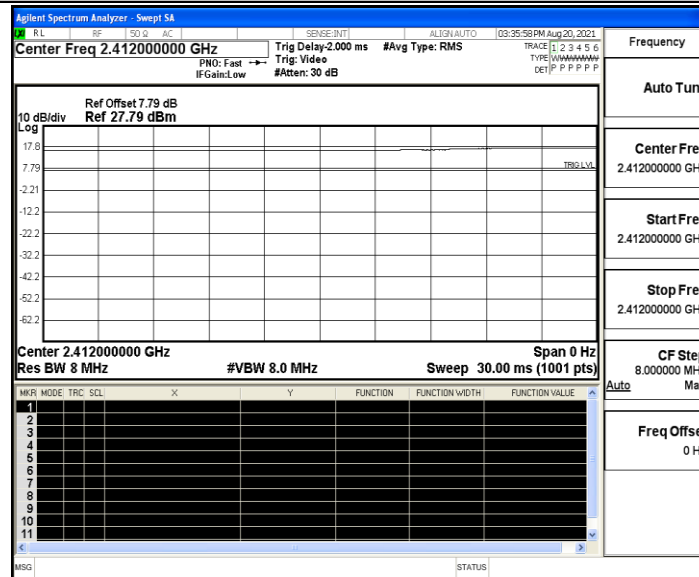
### Test Result

| TestMode  | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|-----------|---------|---------|----------------------------|--------------------------|----------------|-------|---------|
| 11B       | Ant1    | 2412    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2437    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2462    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
| 11G       | Ant1    | 2412    | 1.39                       | 1.43                     | 97.20          | ---   | PASS    |
|           |         | 2437    | 1.39                       | 1.43                     | 97.20          | ---   | PASS    |
|           |         | 2462    | 1.39                       | 1.43                     | 97.20          | ---   | PASS    |
| 11N20SISO | Ant1    | 2412    | 1.30                       | 1.34                     | 97.01          | ---   | PASS    |
|           |         | 2437    | 1.30                       | 1.34                     | 97.01          | ---   | PASS    |
|           |         | 2462    | 1.30                       | 1.34                     | 97.01          | ---   | PASS    |
| 11N40SISO | Ant1    | 2422    | 0.64                       | 0.68                     | 94.12          | ---   | PASS    |
|           |         | 2437    | 0.64                       | 0.68                     | 94.12          | ---   | PASS    |
|           |         | 2452    | 0.64                       | 0.68                     | 94.12          | ---   | PASS    |

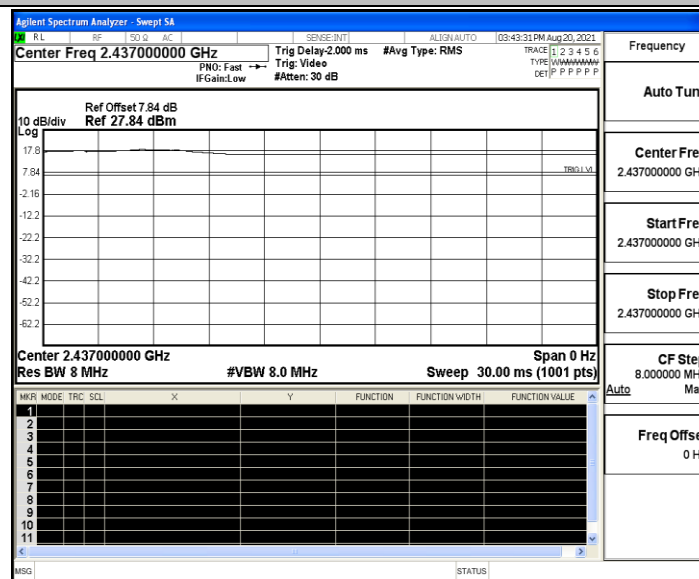


## Test Graphs

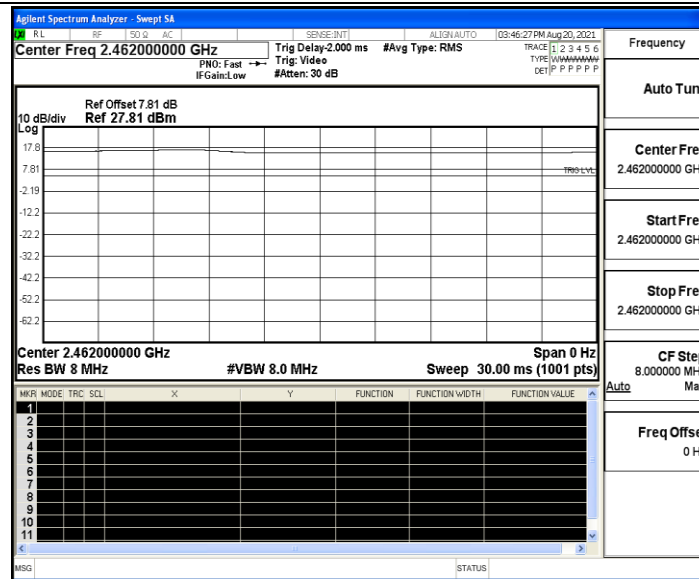
11B\_Ant1\_2412



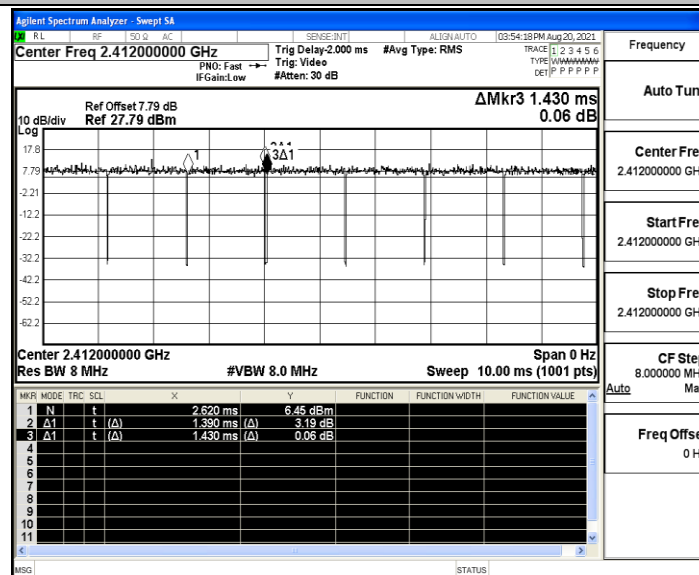
11B\_Ant1\_2437



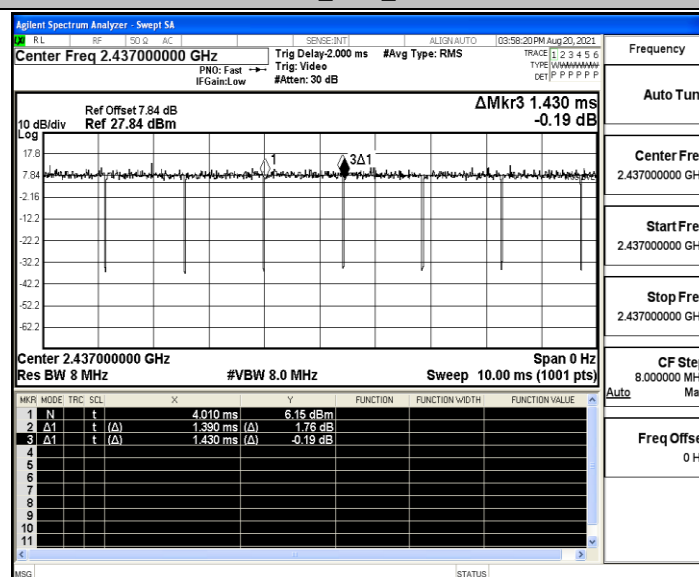
11B\_Ant1\_2462



11G\_Ant1\_2412

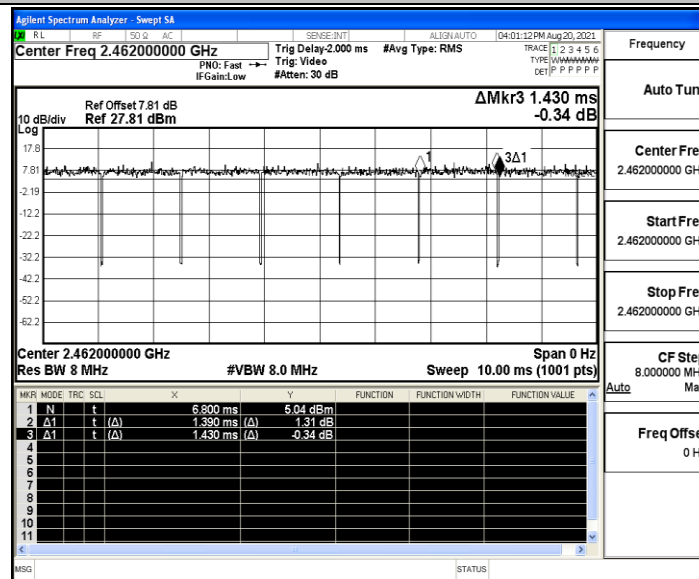


11G\_Ant1\_2437

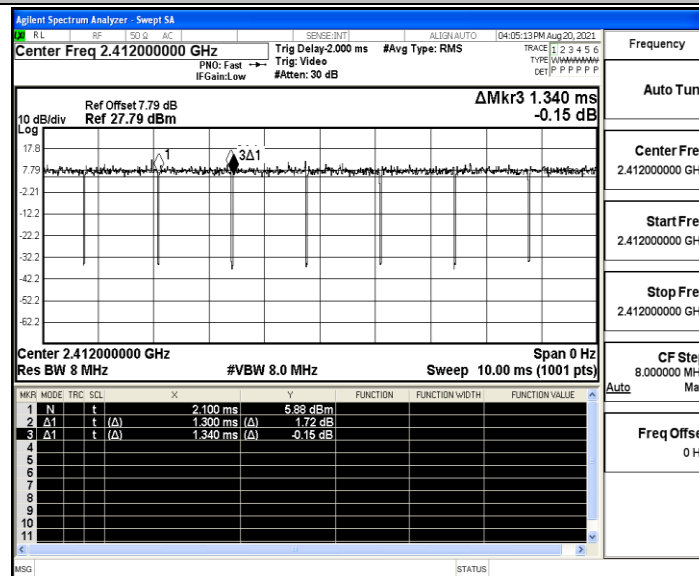




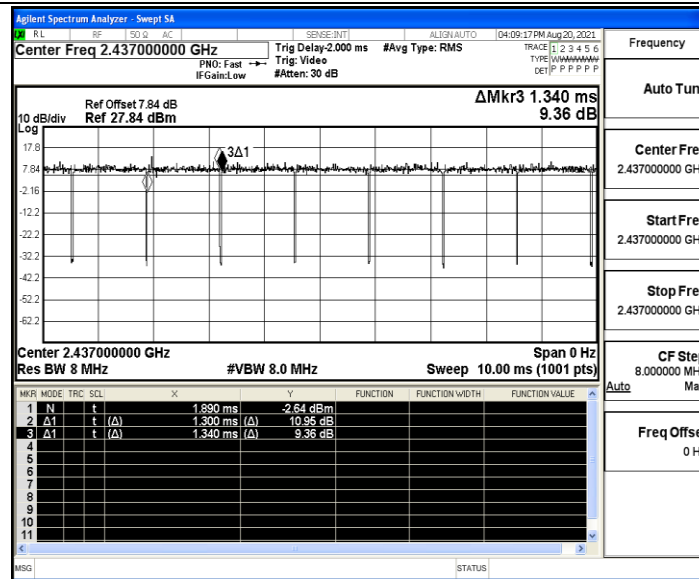
## 11G\_Ant1\_2462



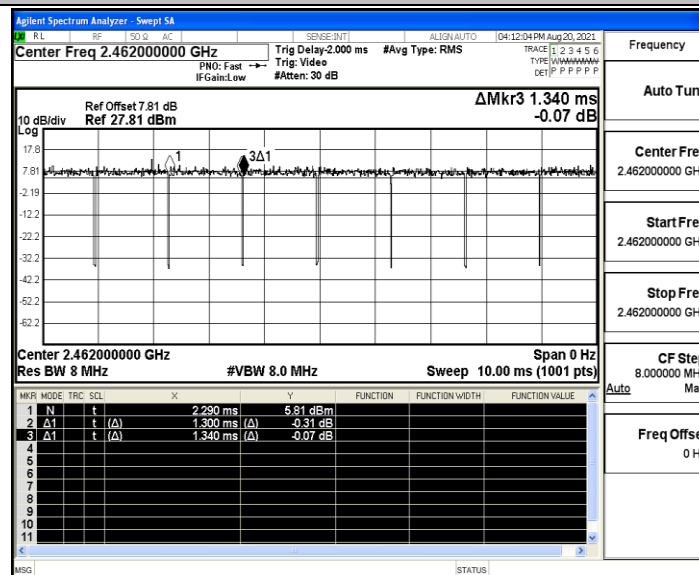
## 11N20SISO\_Ant1\_2412



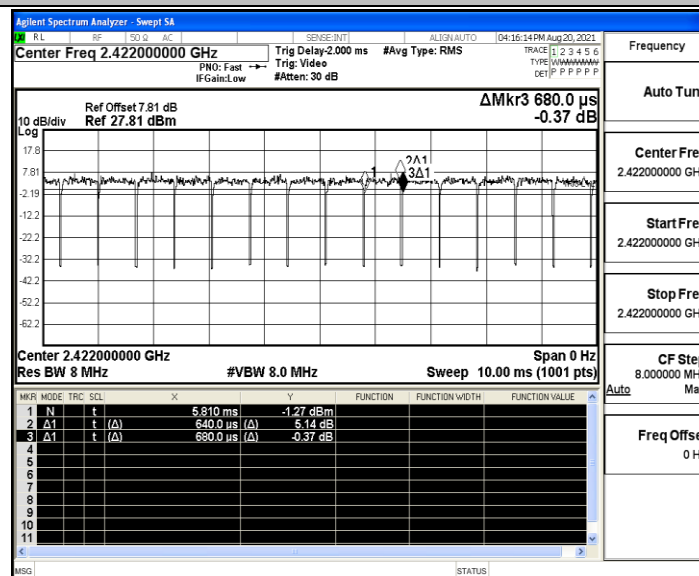
## 11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

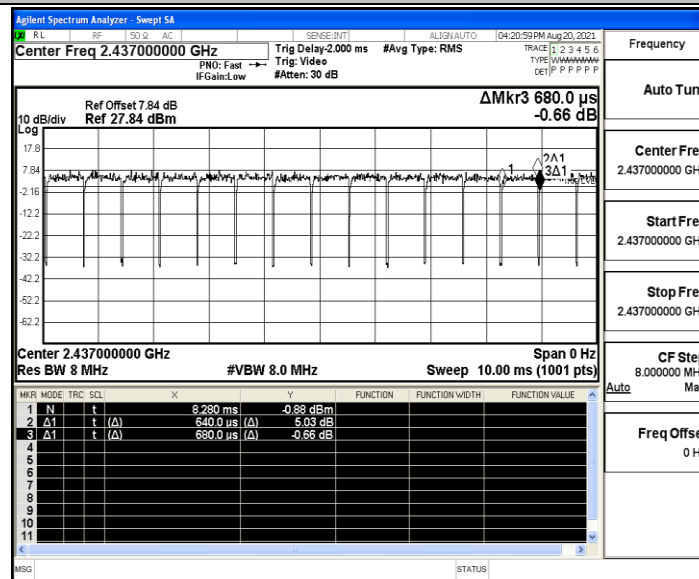


11N40SISO\_Ant1\_2422

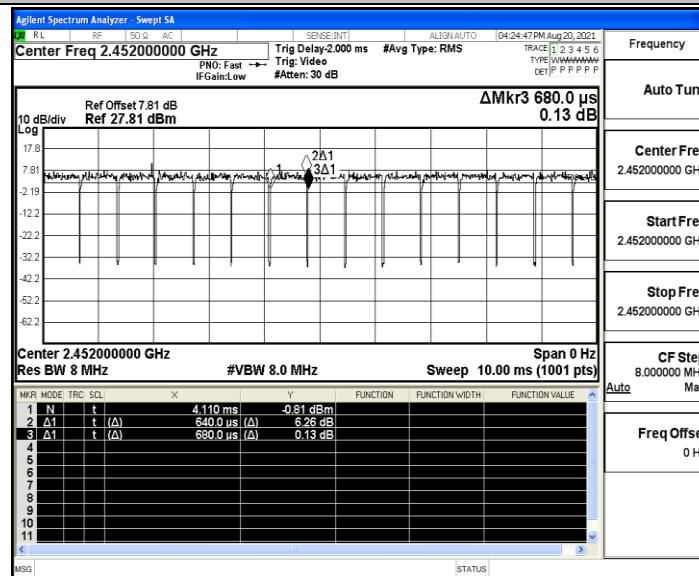




## 11N40SISO\_Ant1\_2437



## 11N40SISO\_Ant1\_2452





## 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       | -49.46          | ≤-41.20        | 45.74              | ≤54               | PASS    |
|               |         |        |         | AV       | 2389.440       | -48.96          | ≤-41.20        | 46.24              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -49             | ≤-41.20        | 46.20              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -45.79          | ≤-21.20        | 49.41              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2333.280       | -38.58          | ≤-21.20        | 56.62              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -43.83          | ≤-21.20        | 51.37              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -48.16          | ≤-41.20        | 47.04              | ≤54               | PASS    |
|               |         |        |         | AV       | 2487.850       | -47.05          | ≤-41.20        | 48.15              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -48.48          | ≤-41.20        | 46.72              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -43.7           | ≤-21.20        | 51.50              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2492.690       | -40.48          | ≤-21.20        | 54.72              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -42.68          | ≤-21.20        | 52.52              | ≤74               | PASS    |
| 11G           | Ant1    | Low    | 2412    | AV       | 2310.000       | -48.84          | ≤-41.20        | 46.36              | ≤54               | PASS    |
|               |         |        |         | AV       | 2388.790       | -48.27          | ≤-41.20        | 46.93              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -48.34          | ≤-41.20        | 46.86              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -42.92          | ≤-21.20        | 52.28              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2378.000       | -39.32          | ≤-21.20        | 55.88              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -41.45          | ≤-21.20        | 53.75              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -47.83          | ≤-41.20        | 47.37              | ≤54               | PASS    |
|               |         |        |         | AV       | 2487.960       | -46.54          | ≤-41.20        | 48.66              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -47.86          | ≤-41.20        | 47.34              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -39.91          | ≤-21.20        | 55.29              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2488.070       | -37.23          | ≤-21.20        | 57.97              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -40.43          | ≤-21.20        | 54.77              | ≤74               | PASS    |
| 11N20SIS<br>O | Ant1    | Low    | 2412    | AV       | 2310.000       | -48.99          | ≤-41.20        | 46.21              | ≤54               | PASS    |
|               |         |        |         | AV       | 2389.050       | -48.28          | ≤-41.20        | 46.92              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -48.5           | ≤-41.20        | 46.70              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -42.06          | ≤-21.20        | 53.14              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2384.760       | -38.17          | ≤-21.20        | 57.03              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -42.26          | ≤-21.20        | 52.94              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -47.76          | ≤-41.20        | 47.44              | ≤54               | PASS    |
|               |         |        |         | AV       | 2487.960       | -46.59          | ≤-41.20        | 48.61              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -47.81          | ≤-41.20        | 47.39              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -40.34          | ≤-21.20        | 54.86              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2487.960       | -37.26          | ≤-21.20        | 57.94              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -40.75          | ≤-21.20        | 54.45              | ≤74               | PASS    |
| 11N40SIS      | Ant1    | Low    | 2422    | AV       | 2310.000       | -48.66          | ≤-41.20        | 46.54              | ≤54               | PASS    |



|   |  |      |      |      |          |        |         |       |     |      |
|---|--|------|------|------|----------|--------|---------|-------|-----|------|
| O |  |      |      | AV   | 2375.400 | -47.93 | ≤-41.20 | 47.27 | ≤54 | PASS |
|   |  |      |      | AV   | 2390.000 | -48.07 | ≤-41.20 | 47.13 | ≤54 | PASS |
|   |  |      |      | Peak | 2310.000 | -42.69 | ≤-21.20 | 52.51 | ≤74 | PASS |
|   |  |      |      | Peak | 2388.010 | -38.9  | ≤-21.20 | 56.30 | ≤74 | PASS |
|   |  |      |      | Peak | 2390.000 | -41.87 | ≤-21.20 | 53.33 | ≤74 | PASS |
|   |  | High | 2452 | AV   | 2483.500 | -47.49 | ≤-41.20 | 47.71 | ≤54 | PASS |
|   |  |      |      | AV   | 2487.740 | -47.2  | ≤-41.20 | 48.00 | ≤54 | PASS |
|   |  |      |      | AV   | 2500.000 | -47.54 | ≤-41.20 | 47.66 | ≤54 | PASS |
|   |  |      |      | Peak | 2483.500 | -38.05 | ≤-21.20 | 57.15 | ≤74 | PASS |
|   |  |      |      | Peak | 2490.600 | -38.29 | ≤-21.20 | 56.91 | ≤74 | PASS |
|   |  |      |      | Peak | 2500.000 | -40.33 | ≤-21.20 | 54.87 | ≤74 | PASS |

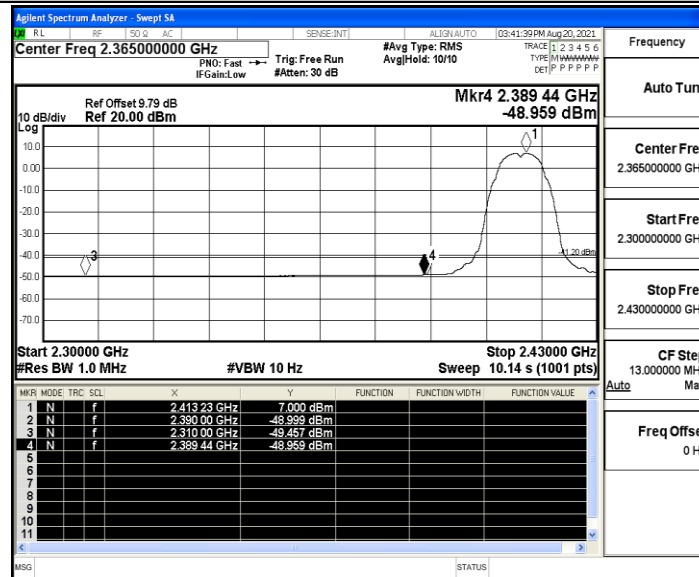
Note:

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.

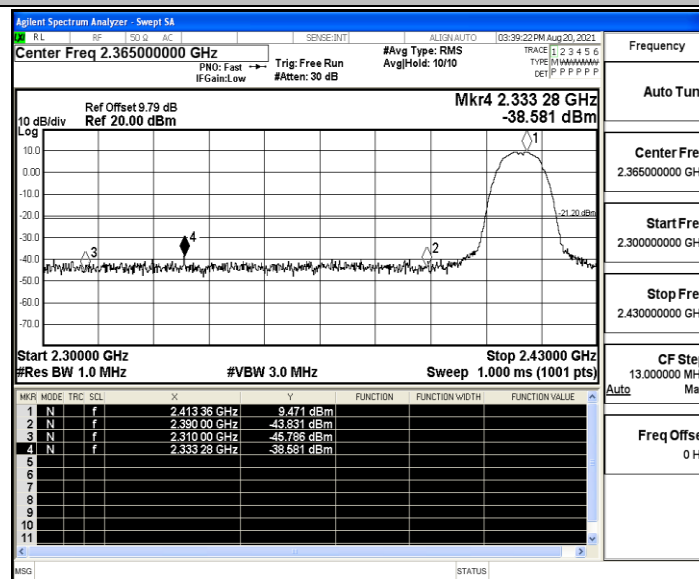


## Test Graphs

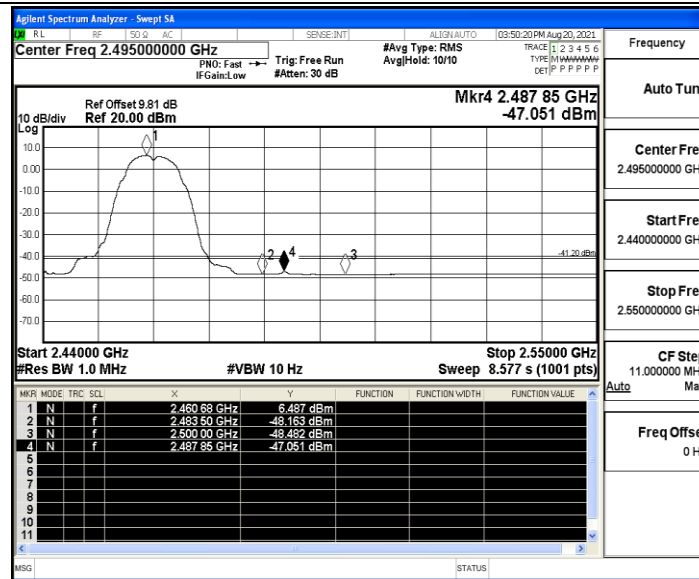
11B\_Ant1\_Low\_2412\_AV



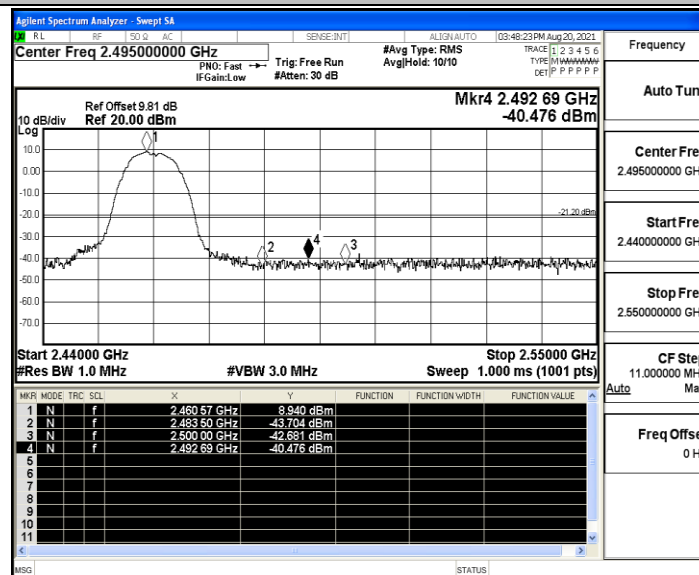
11B\_Ant1\_Low\_2412\_Peak



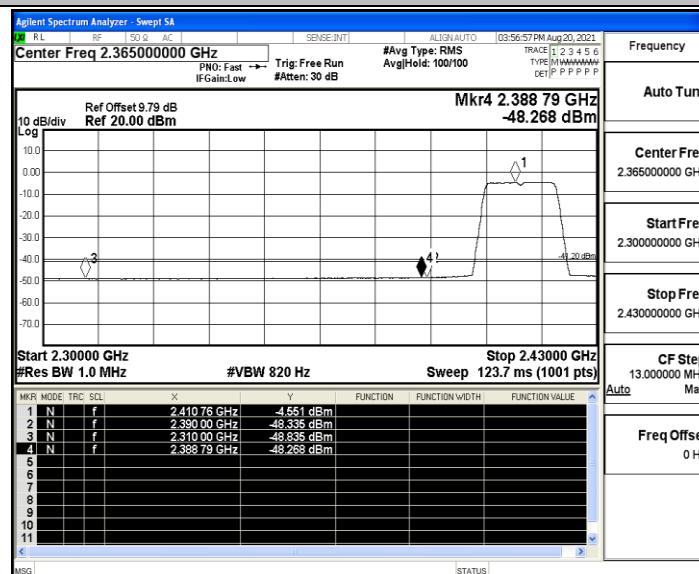
11B\_Ant1\_High\_2462\_AV



11B\_Ant1\_High\_2462\_Peak

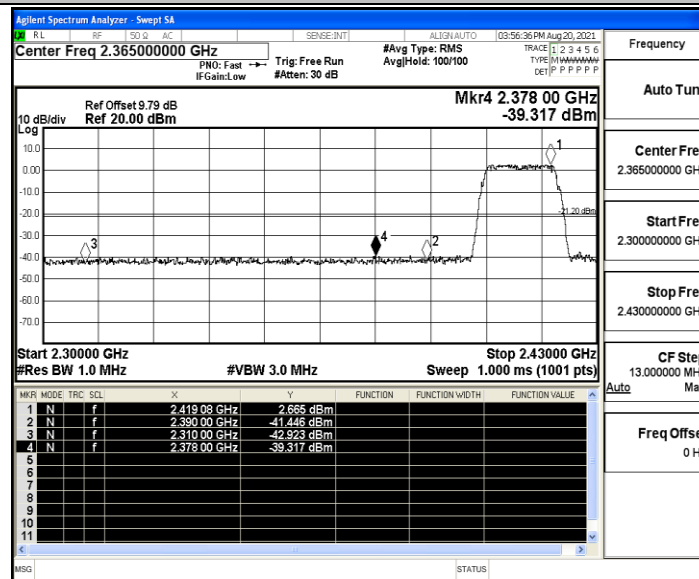


11G\_Ant1\_Low\_2412\_AV

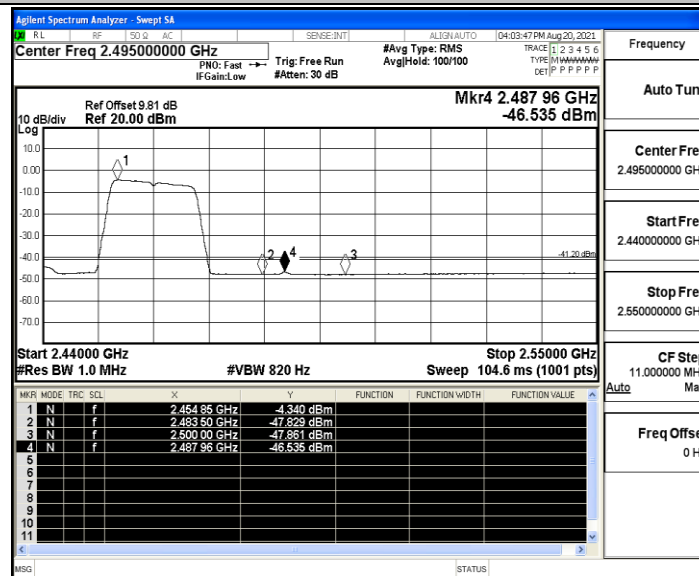




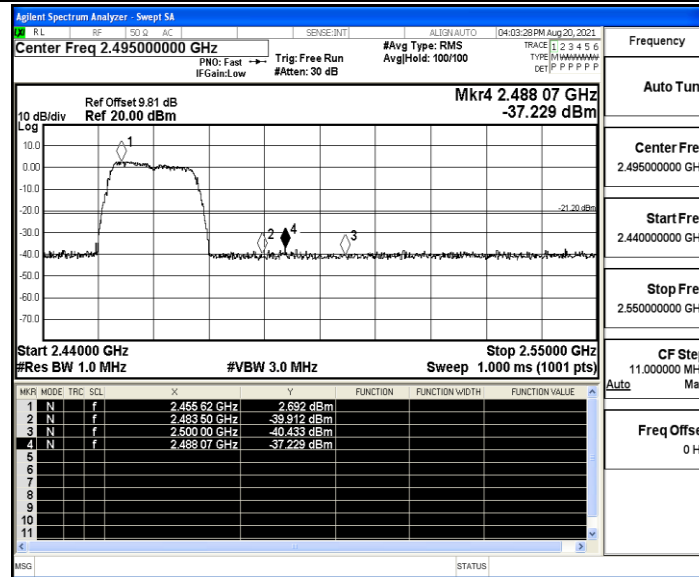
## 11G\_Ant1\_Low\_2412\_Peak



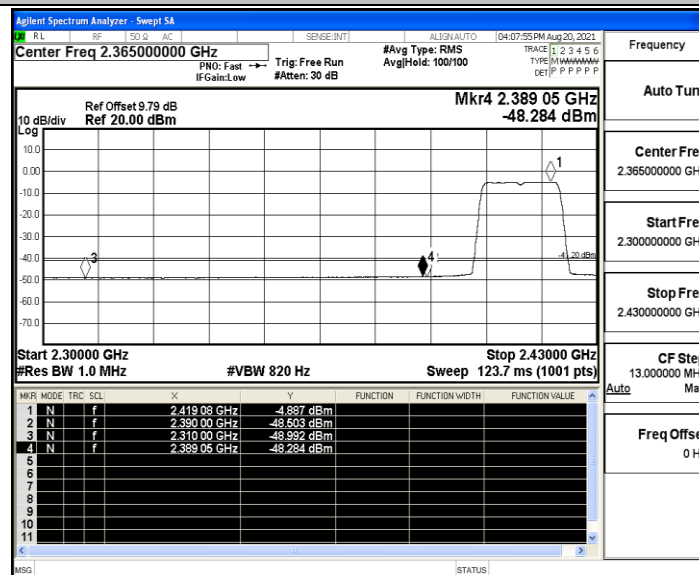
## 11G\_Ant1\_High\_2462\_AV



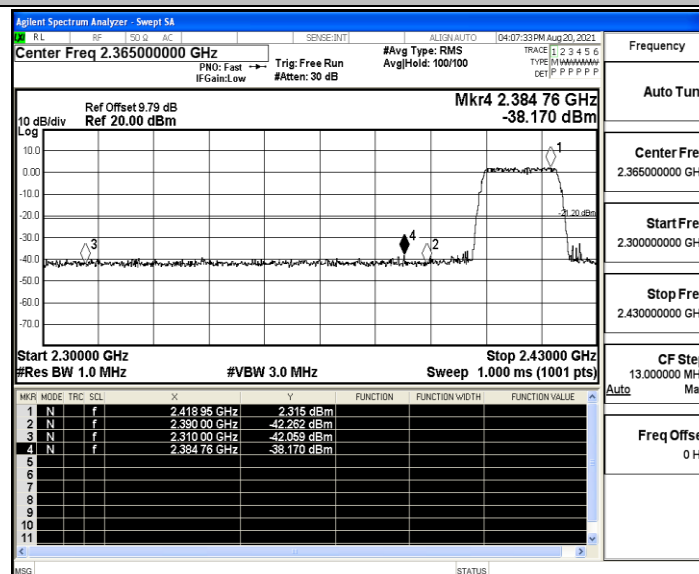
## 11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV

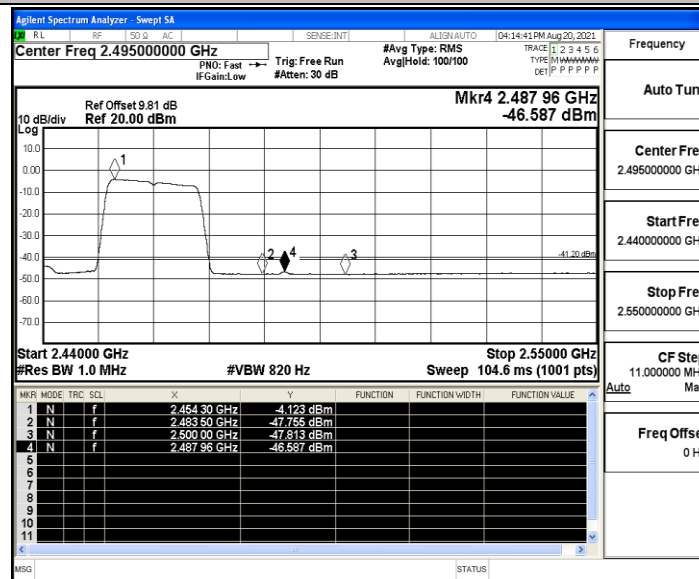


11N20SISO\_Ant1\_Low\_2412\_Peak

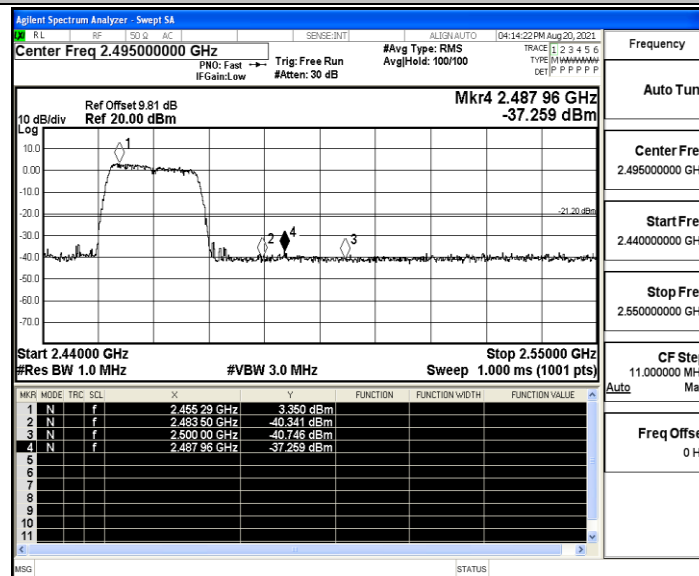




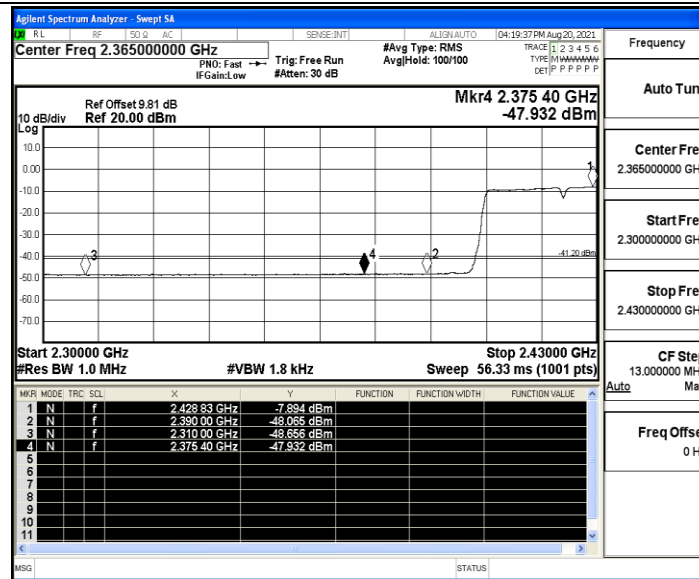
## 11N20SISO\_Ant1\_High\_2462\_AV



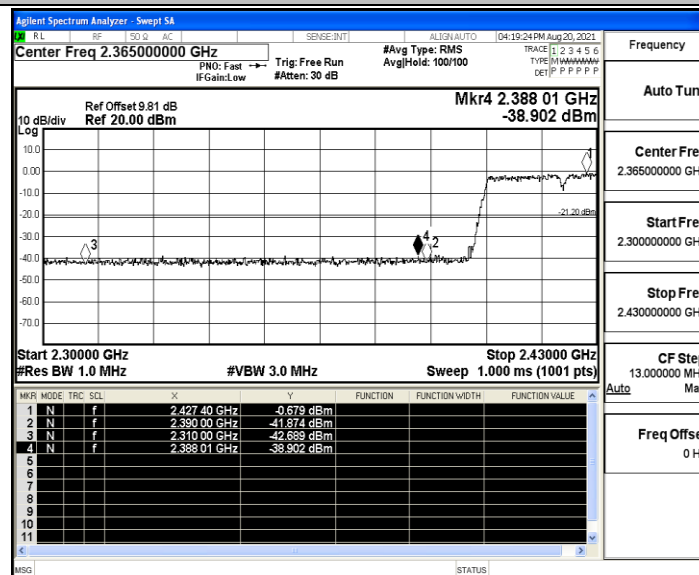
## 11N20SISO\_Ant1\_High\_2462\_Peak



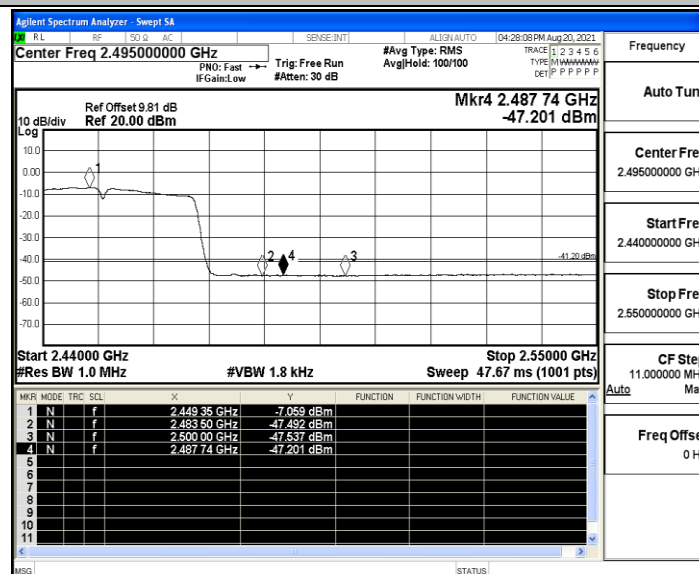
## 11N40SISO\_Ant1\_Low\_2422\_AV



11N40SISO\_Ant1\_Low\_2422\_Peak



11N40SISO\_Ant1\_High\_2452\_AV





## 11N40SISO\_Ant1\_High\_2452\_Peak

