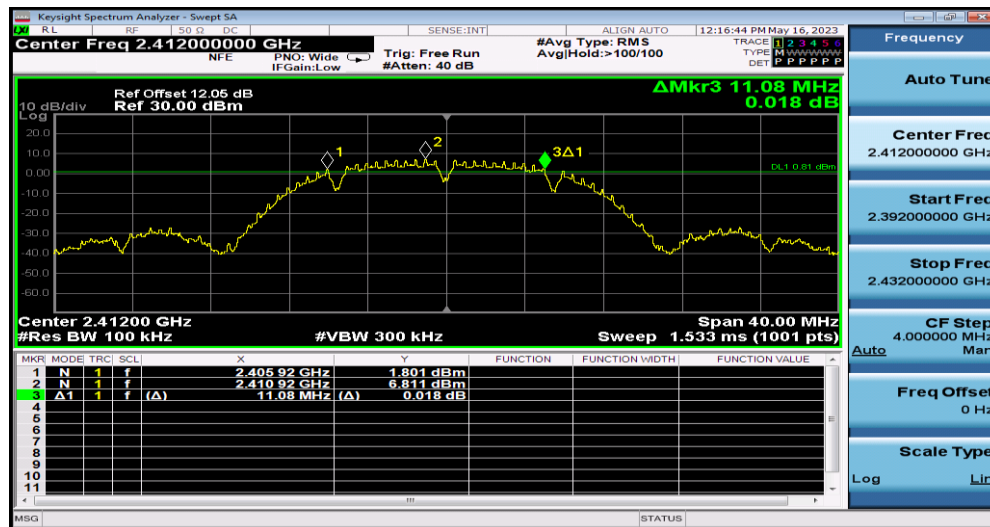


Appendix A: DTS Bandwidth

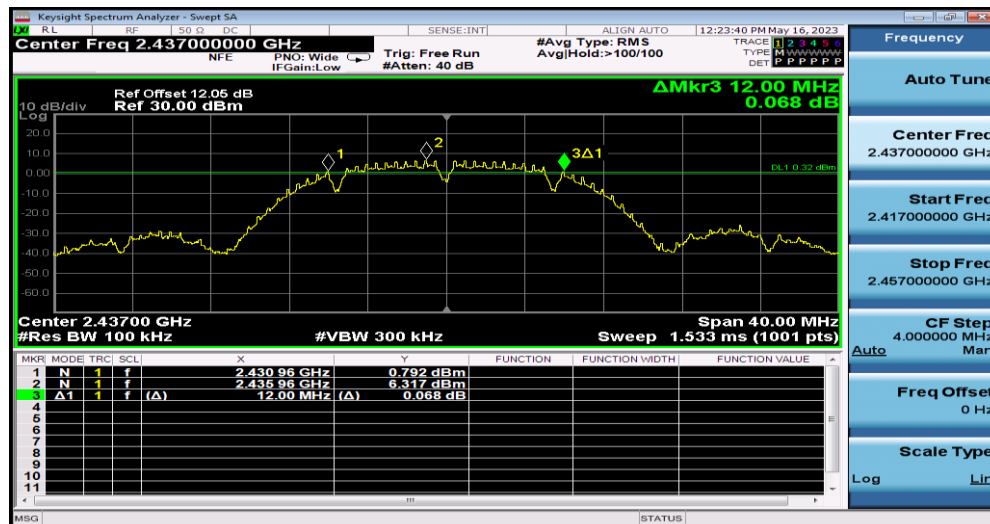
Test Result

| TestMode  | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412           | 11.080       | 2405.920 | 2417.000 | 0.5        | PASS    |
|           |         | 2437           | 12.000       | 2430.960 | 2442.960 | 0.5        | PASS    |
|           |         | 2462           | 12.040       | 2455.920 | 2467.960 | 0.5        | PASS    |
| 11G       | Ant1    | 2412           | 15.080       | 2404.400 | 2419.480 | 0.5        | PASS    |
|           |         | 2437           | 15.080       | 2429.400 | 2444.480 | 0.5        | PASS    |
|           |         | 2462           | 15.040       | 2454.440 | 2469.480 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412           | 12.520       | 2404.440 | 2416.960 | 0.5        | PASS    |
|           |         | 2437           | 13.800       | 2430.640 | 2444.440 | 0.5        | PASS    |
|           |         | 2462           | 12.560       | 2455.640 | 2468.200 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2422           | 32.560       | 2404.400 | 2436.960 | 0.5        | PASS    |
|           |         | 2437           | 33.760       | 2420.680 | 2454.440 | 0.5        | PASS    |
|           |         | 2452           | 31.280       | 2435.680 | 2466.960 | 0.5        | PASS    |

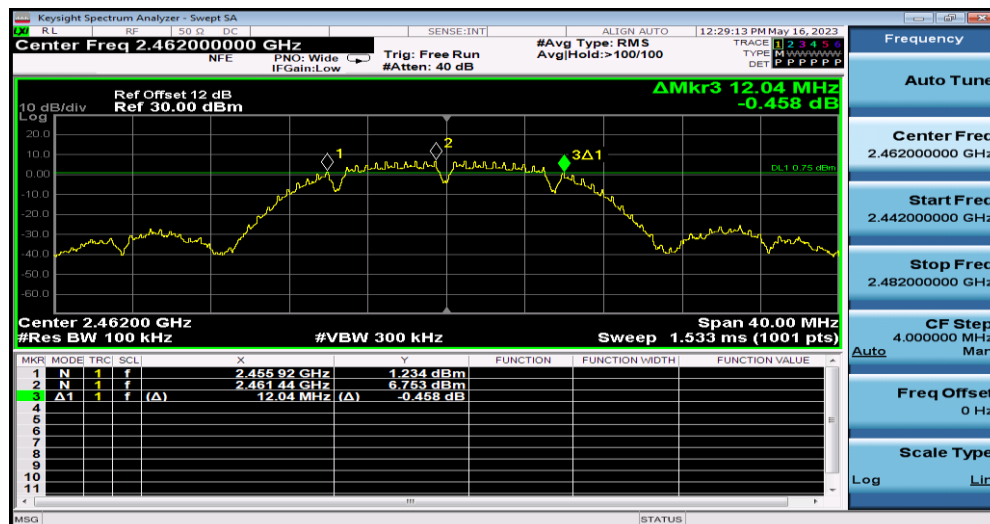
## Test Graphs



11B\_Ant1\_2412



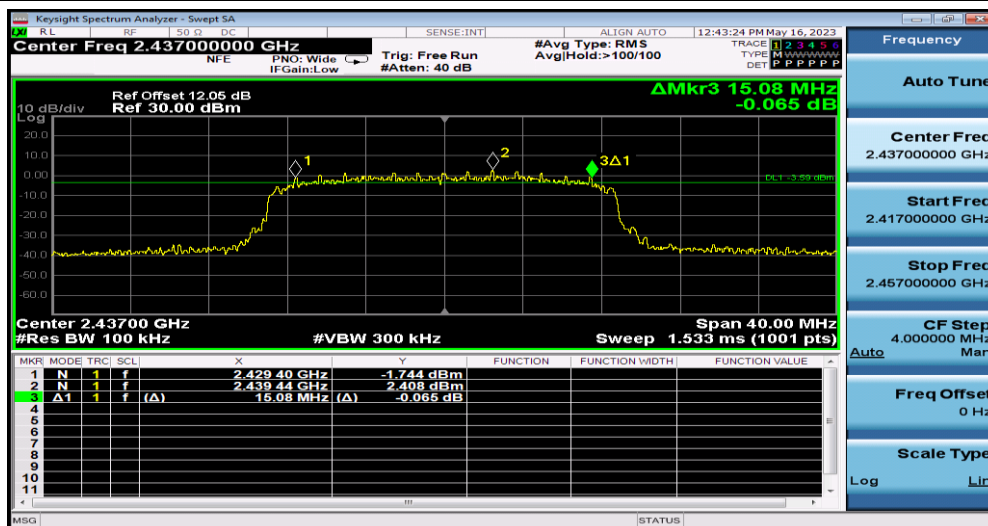
11B\_Ant1\_2437



11B\_Ant1\_2462



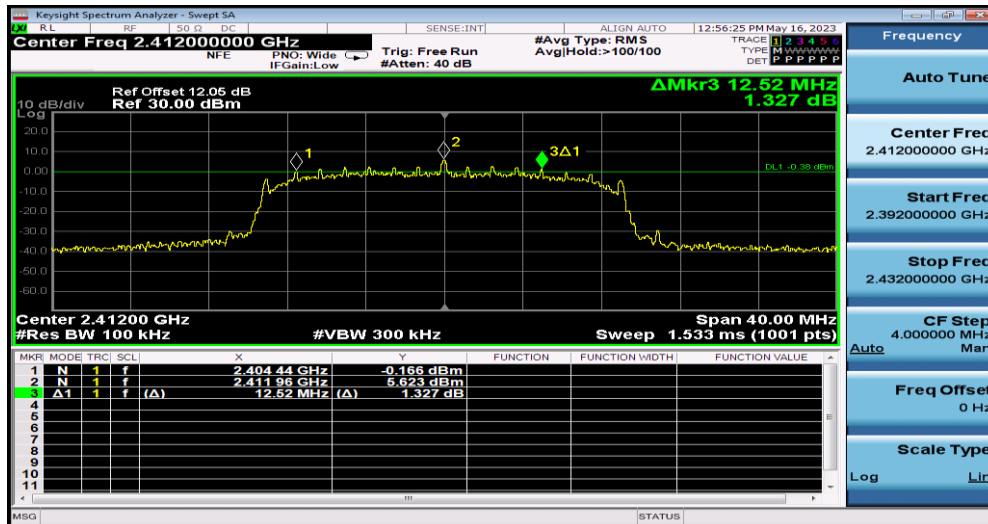
11G\_Ant1\_2412



11G\_Ant1\_2437



11G\_Ant1\_2462



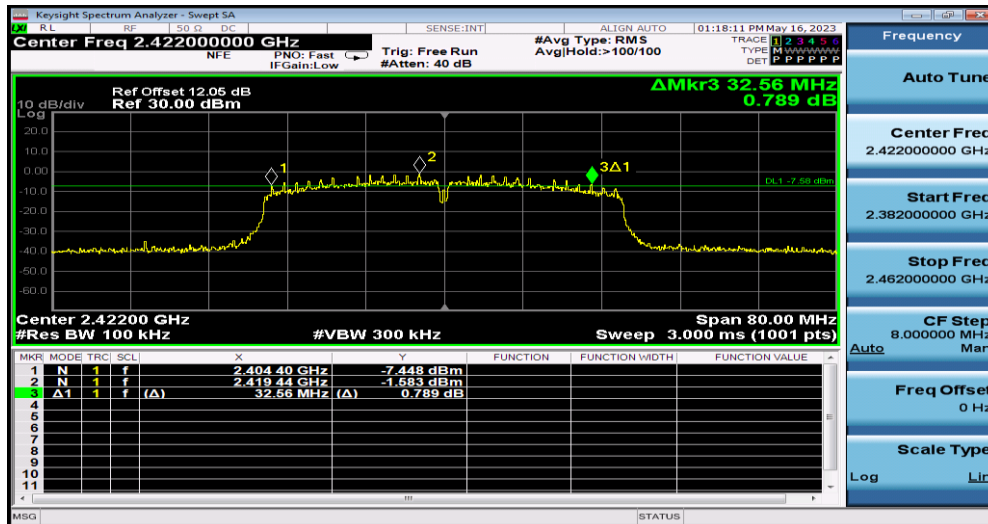
11N20SISO\_Ant1\_2412



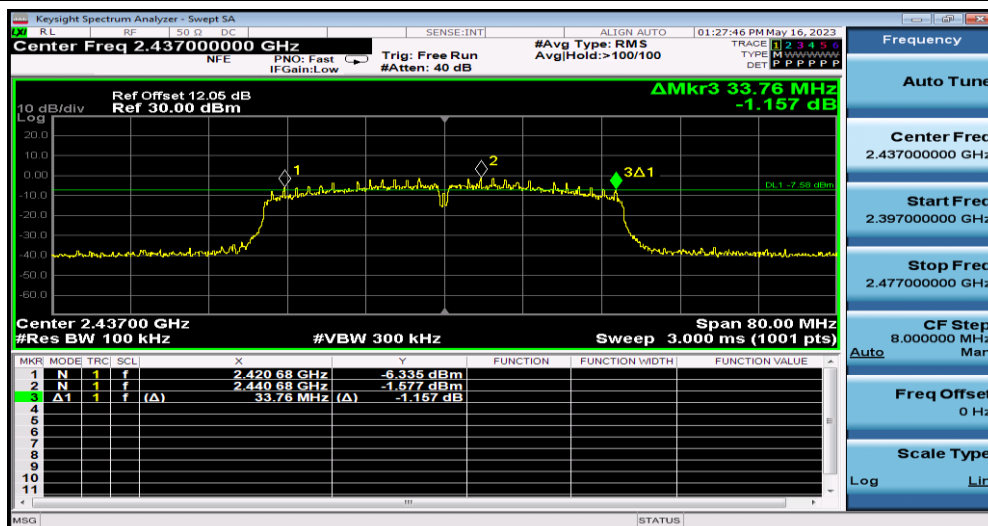
11N20SISO\_Ant1\_2437



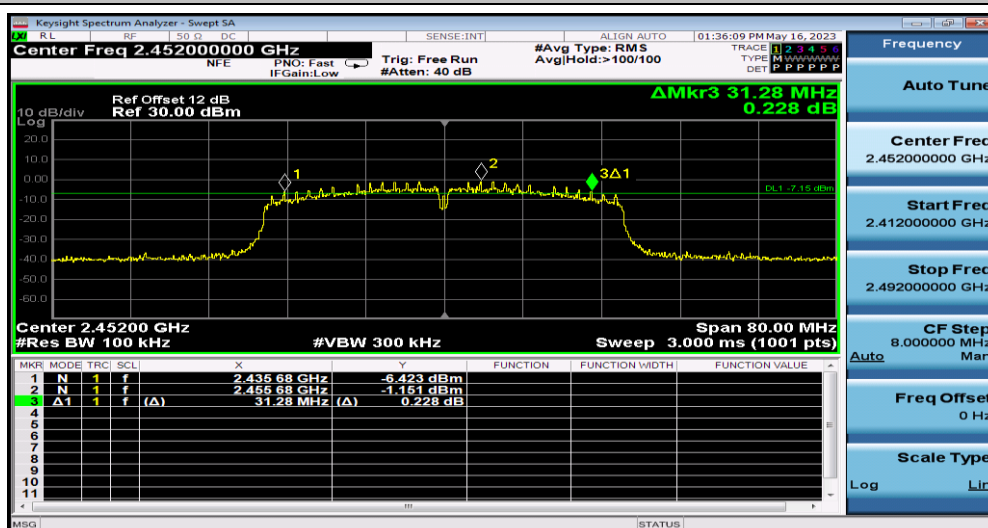
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



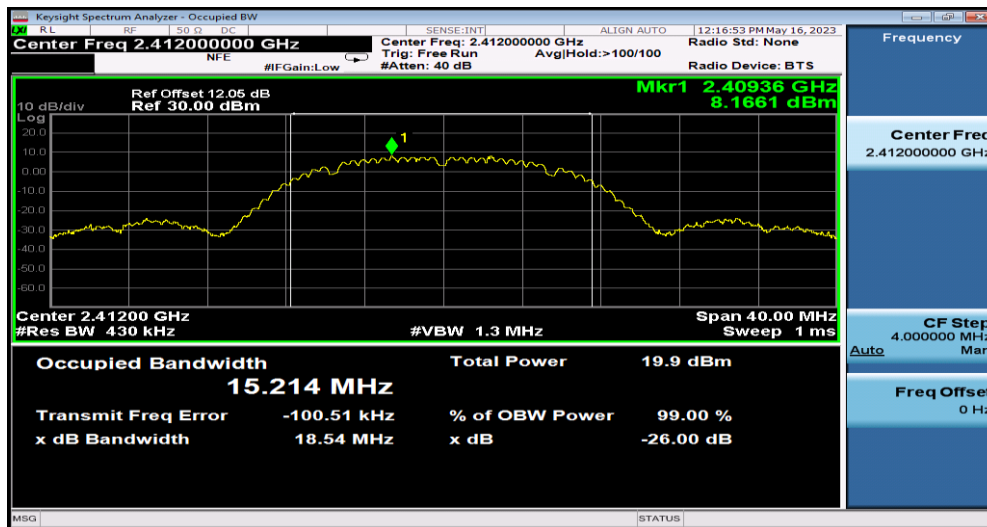
11N40SISO\_Ant1\_2452

## Appendix B: Occupied Channel Bandwidth

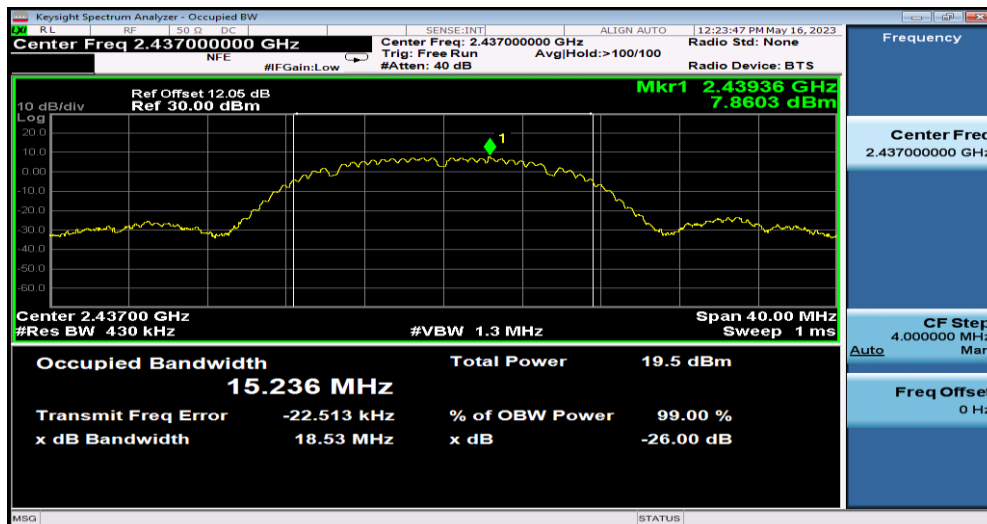
### Test Result

| TestMode  | Antenna | Channel<br>Frequency[MHz] | OCB<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------------------------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412                      | 15.205       | 2404.296 | 2419.501 | ---        | ---     |
|           |         | 2437                      | 15.238       | 2429.359 | 2444.597 | ---        | ---     |
|           |         | 2462                      | 15.215       | 2454.318 | 2469.533 | ---        | ---     |
| 11G       | Ant1    | 2412                      | 17.417       | 2403.196 | 2420.613 | ---        | ---     |
|           |         | 2437                      | 17.425       | 2428.221 | 2445.646 | ---        | ---     |
|           |         | 2462                      | 17.357       | 2453.239 | 2470.596 | ---        | ---     |
| 11N20SISO | Ant1    | 2412                      | 18.142       | 2402.865 | 2421.007 | ---        | ---     |
|           |         | 2437                      | 18.253       | 2427.820 | 2446.073 | ---        | ---     |
|           |         | 2462                      | 18.196       | 2452.844 | 2471.040 | ---        | ---     |
| 11N40SISO | Ant1    | 2422                      | 35.627       | 2404.036 | 2439.663 | ---        | ---     |
|           |         | 2437                      | 35.562       | 2419.166 | 2454.728 | ---        | ---     |
|           |         | 2452                      | 35.399       | 2434.240 | 2469.639 | ---        | ---     |

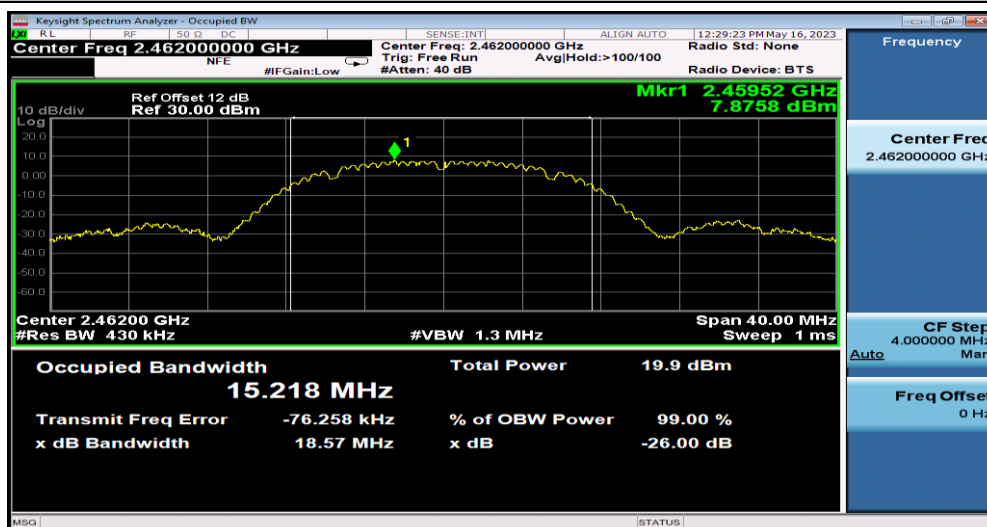
## Test Graphs



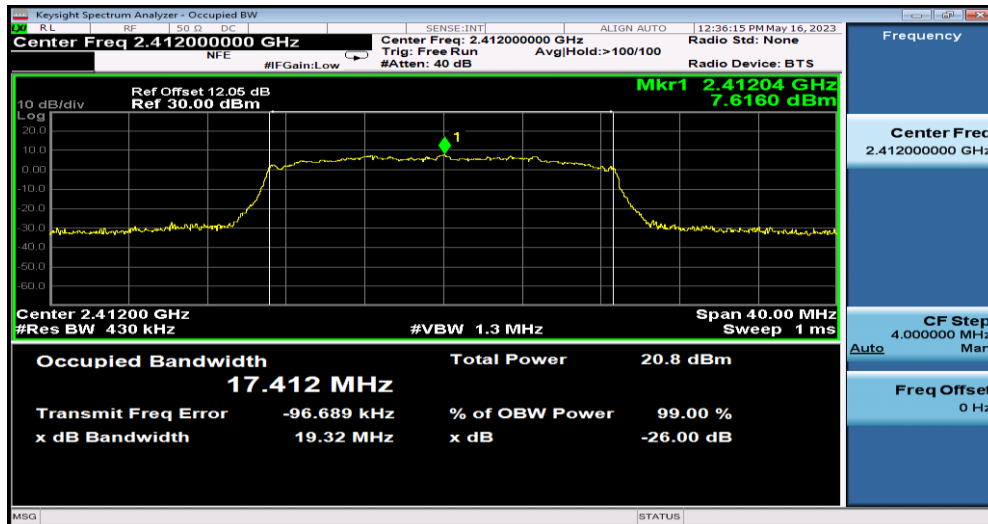
11B\_Ant1\_2412



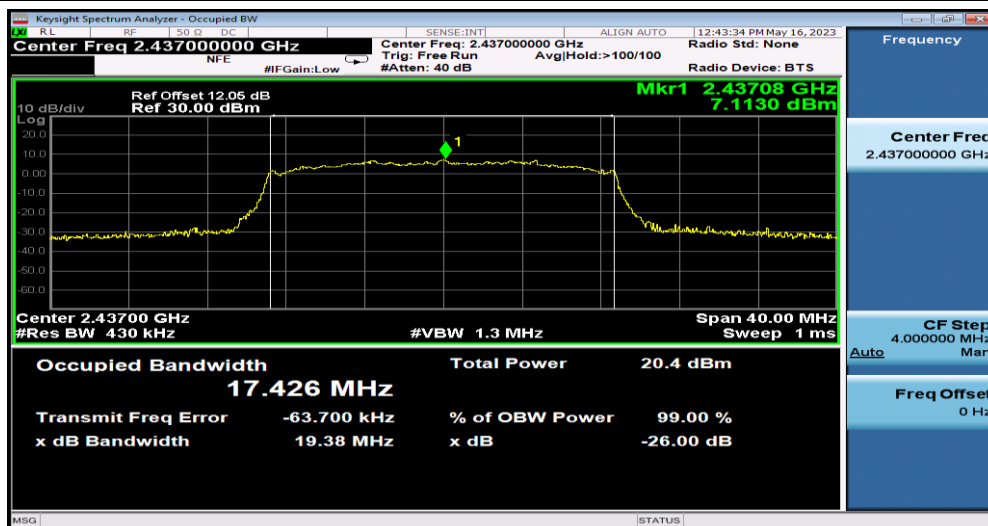
11B\_Ant1\_2437



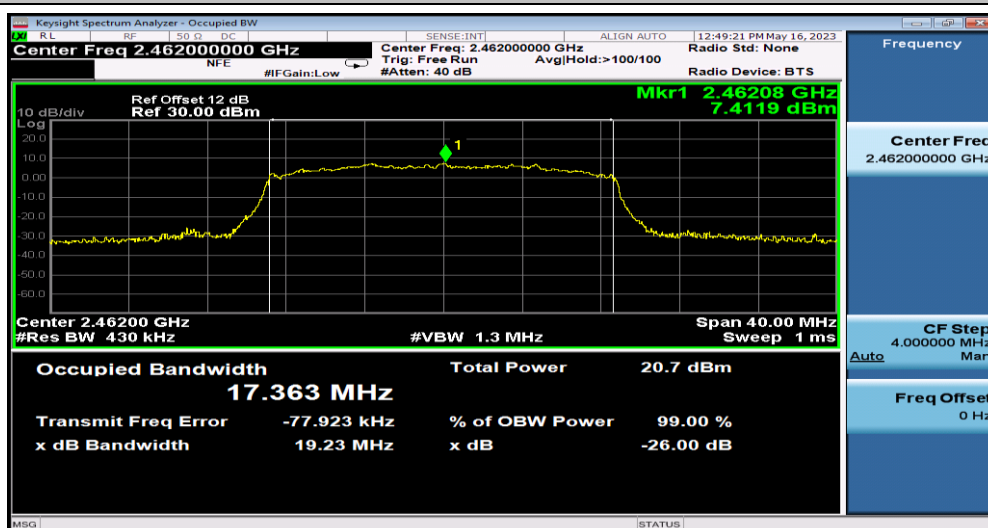
11B\_Ant1\_2462



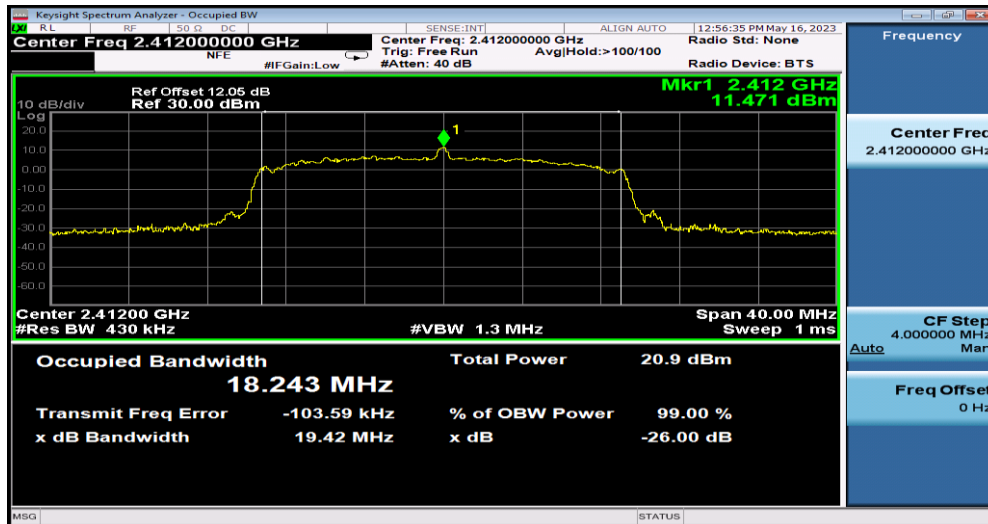
11G\_Ant1\_2412



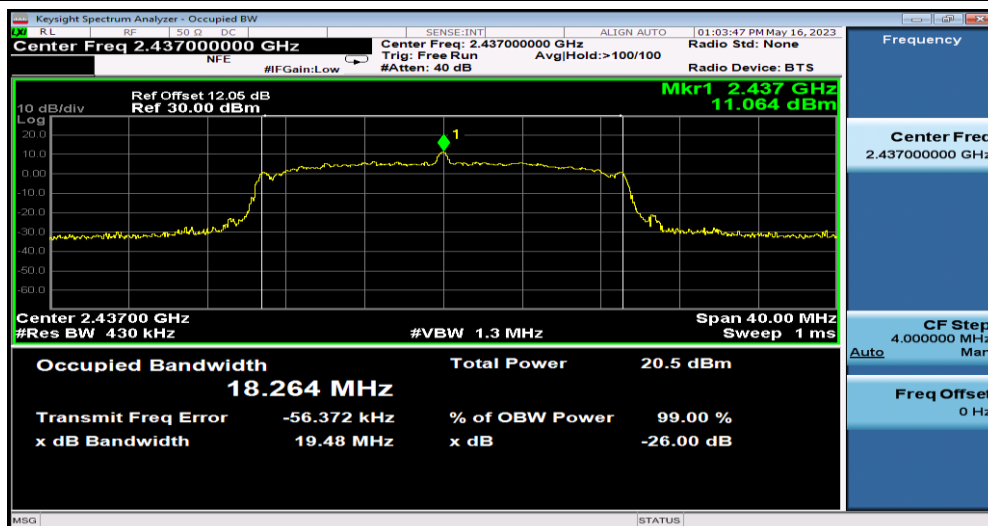
11G\_Ant1\_2437



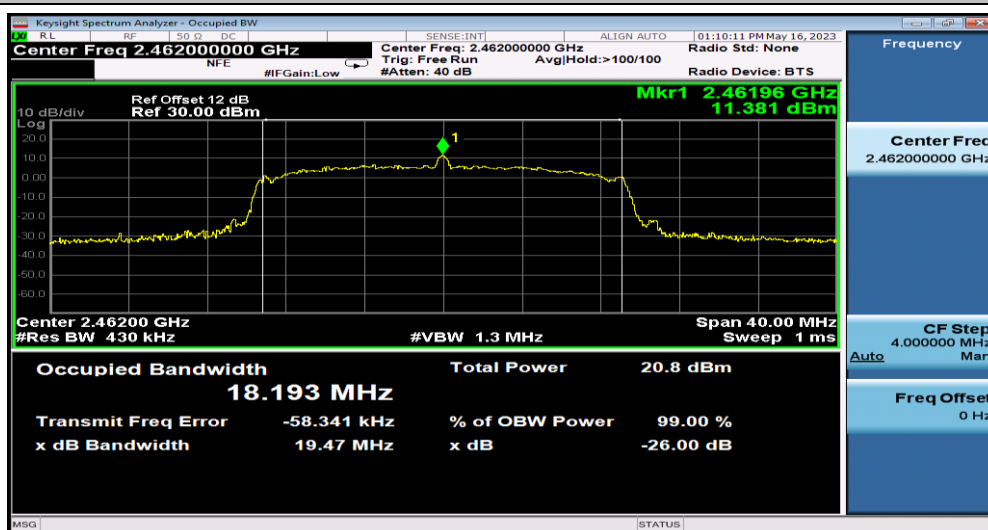
11G\_Ant1\_2462



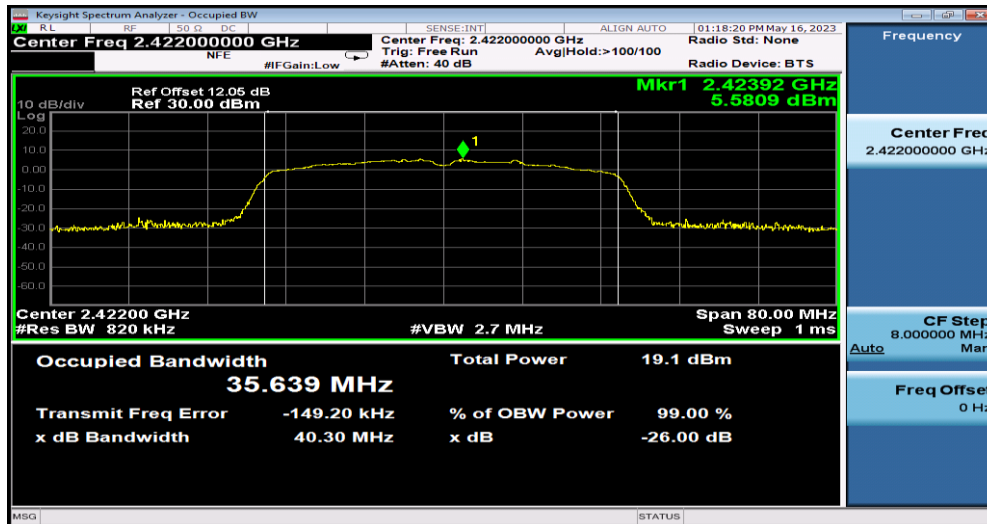
11N20SISO\_Ant1\_2412



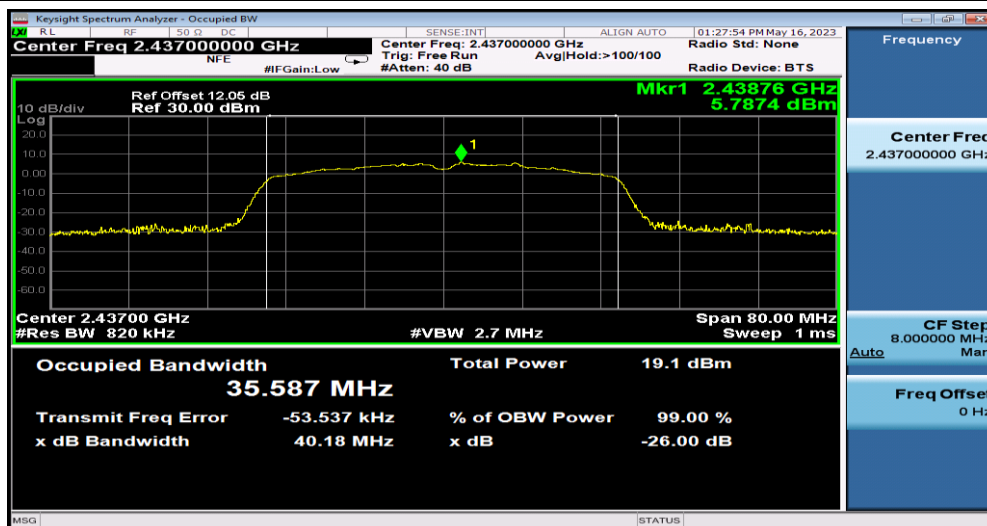
11N20SISO\_Ant1\_2437



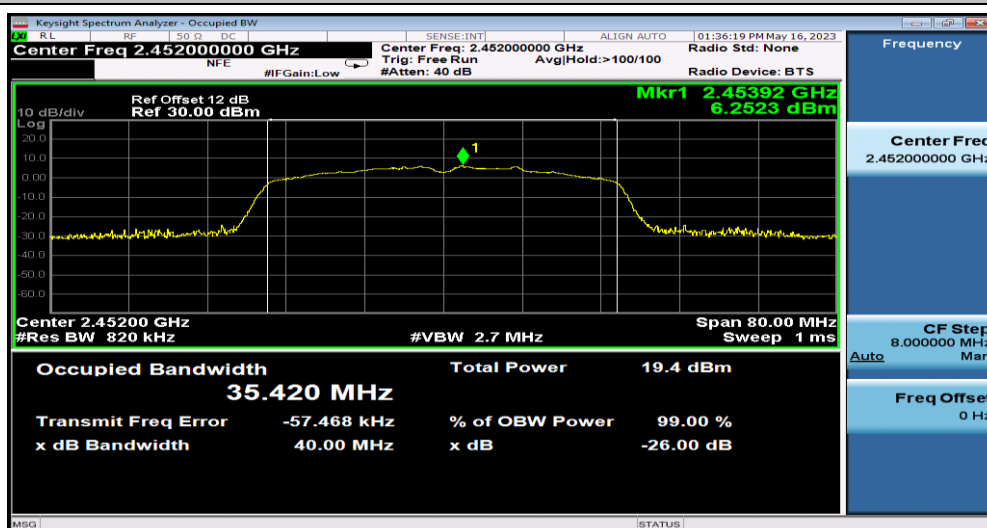
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



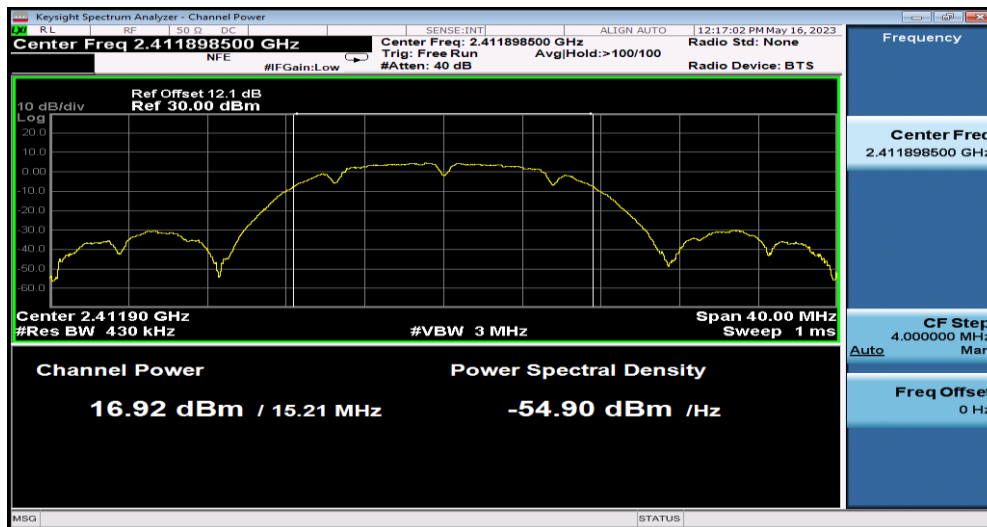
11N40SISO\_Ant1\_2452

## Appendix C: Maximum conducted output power

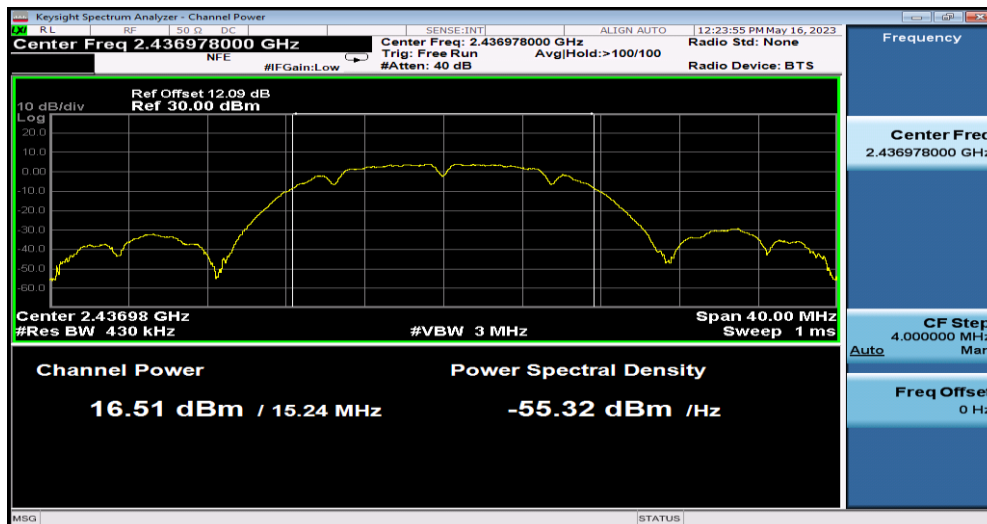
### Test Result Peak

| TestMode      | Antenna | Frequen<br>cy[MHz] | Set<br>Power | Peak<br>Power[dBm] | Conducted<br>Limit[dBm] | EIRP<br>[dBm] | EIRP<br>Limit[dBm] | Verdict |
|---------------|---------|--------------------|--------------|--------------------|-------------------------|---------------|--------------------|---------|
| 11B           | Ant1    | 2412               | 35           | 16.92              | ≤30.00                  | 18.79         | ≤36.00             | PASS    |
|               |         | 2437               | 35           | 16.53              | ≤30.00                  | 18.40         | ≤36.00             | PASS    |
|               |         | 2462               | 35           | 16.85              | ≤30.00                  | 18.72         | ≤36.00             | PASS    |
| 11G           | Ant1    | 2412               | 70           | 13.56              | ≤30.00                  | 15.43         | ≤36.00             | PASS    |
|               |         | 2437               | 70           | 13.18              | ≤30.00                  | 15.05         | ≤36.00             | PASS    |
|               |         | 2462               | 70           | 13.45              | ≤30.00                  | 15.32         | ≤36.00             | PASS    |
| 11N20SIS<br>O | Ant1    | 2412               | 70           | 13.36              | ≤30.00                  | 15.23         | ≤36.00             | PASS    |
|               |         | 2437               | 70           | 12.95              | ≤30.00                  | 14.82         | ≤36.00             | PASS    |
|               |         | 2462               | 70           | 13.25              | ≤30.00                  | 15.12         | ≤36.00             | PASS    |
| 11N40SIS<br>O | Ant1    | 2422               | 70           | 11.59              | ≤30.00                  | 13.46         | ≤36.00             | PASS    |
|               |         | 2437               | 70           | 11.59              | ≤30.00                  | 13.46         | ≤36.00             | PASS    |
|               |         | 2452               | 70           | 11.93              | ≤30.00                  | 13.80         | ≤36.00             | PASS    |

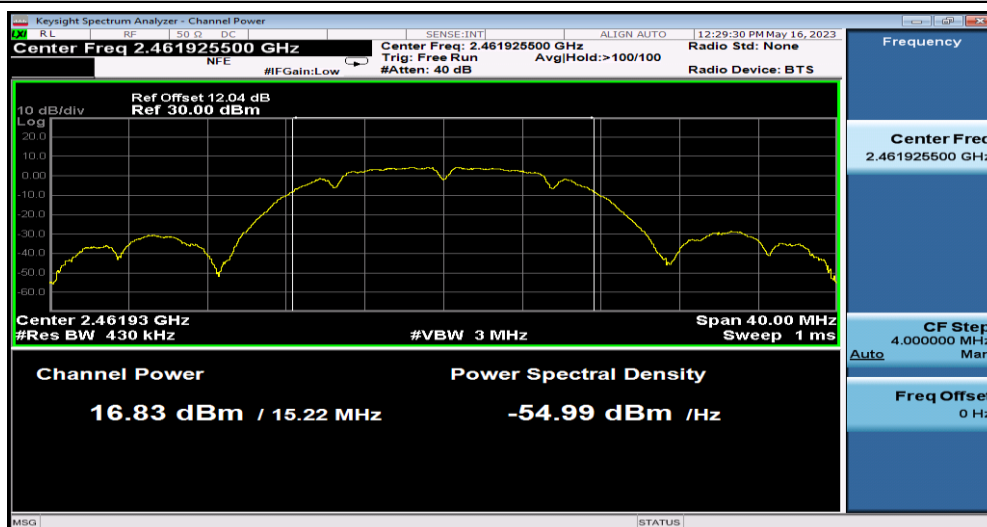
## Test Graphs Peak



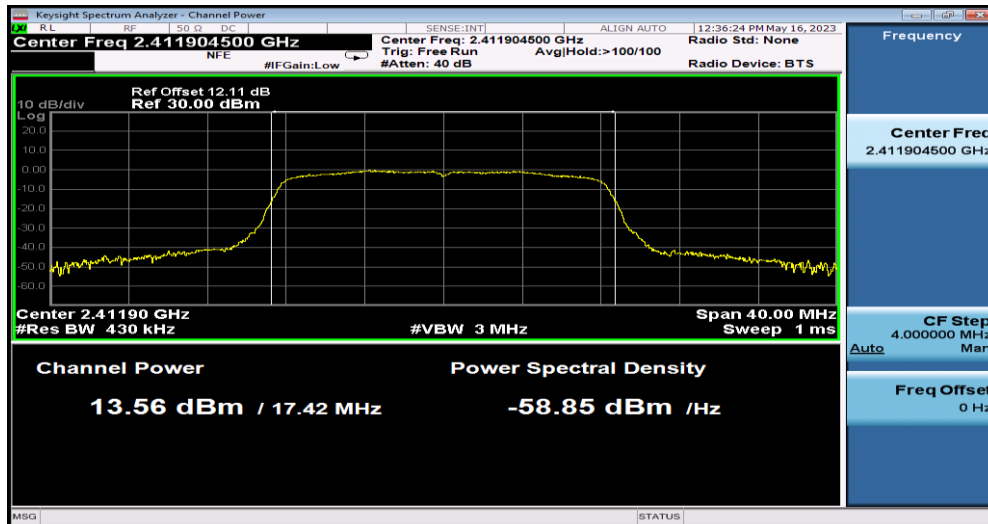
11B\_Ant1\_2412



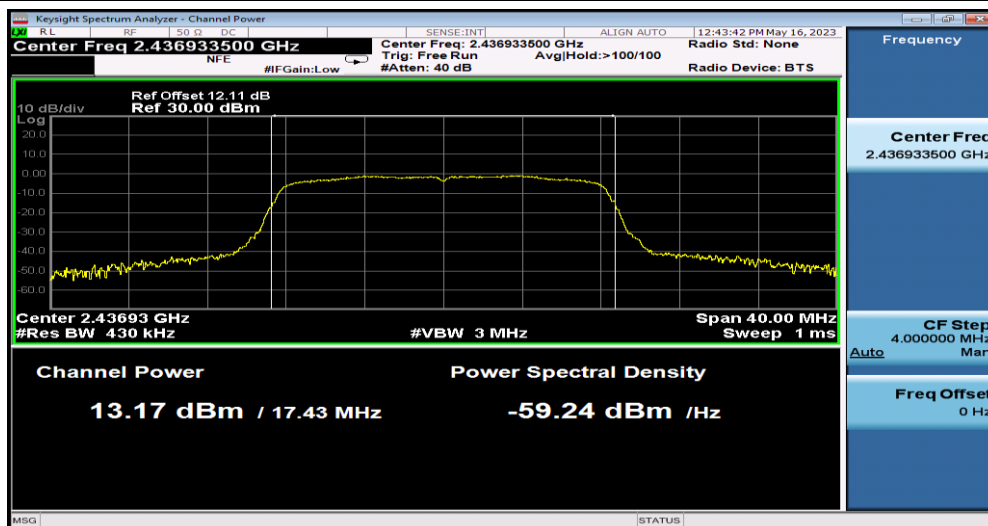
11B\_Ant1\_2437



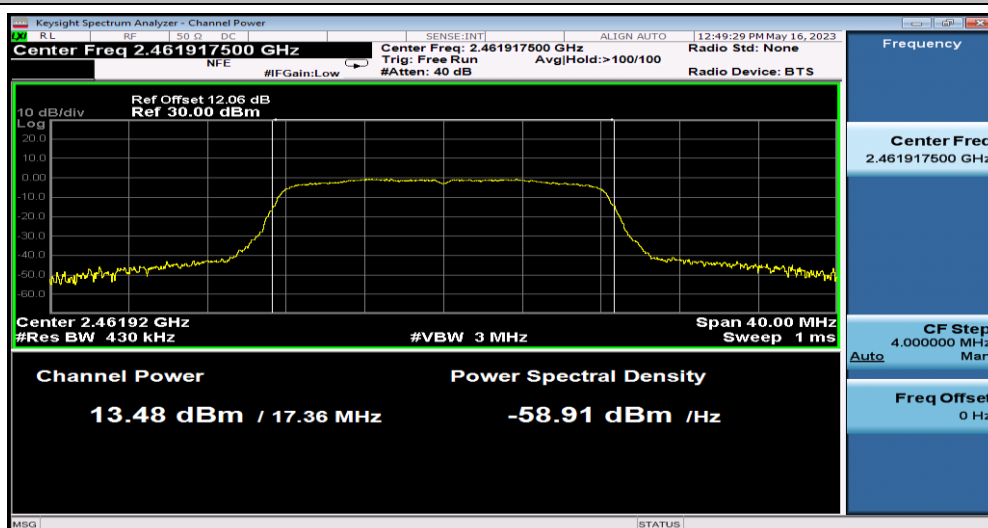
11B\_Ant1\_2462



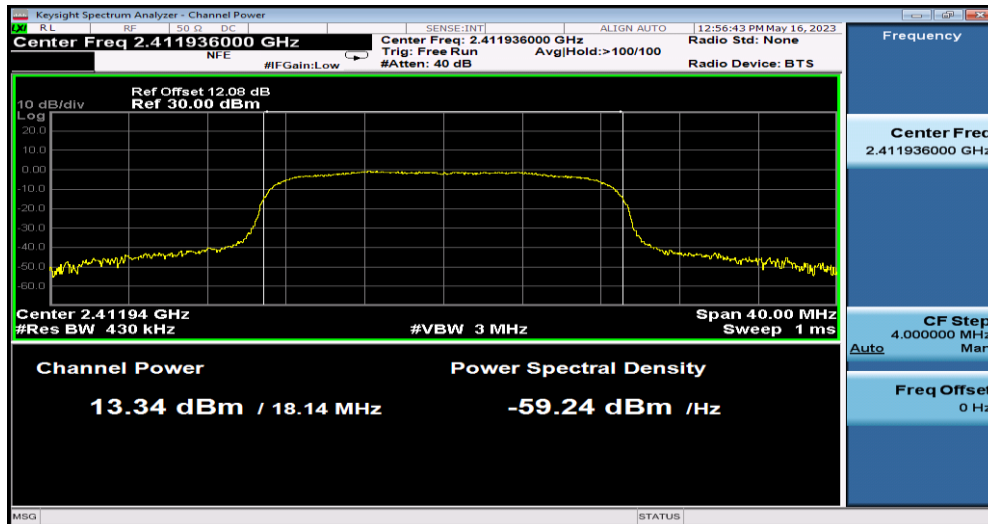
11G\_Ant1\_2412



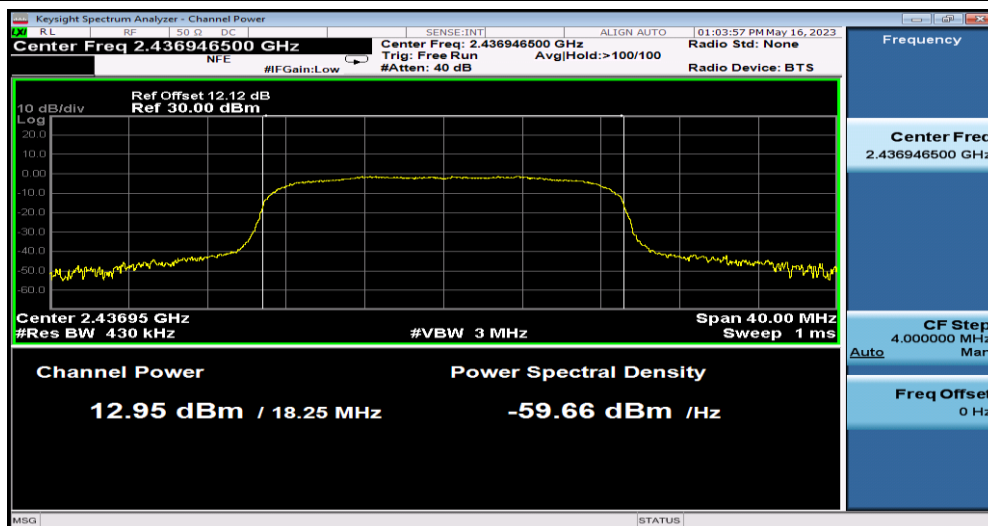
11G\_Ant1\_2437



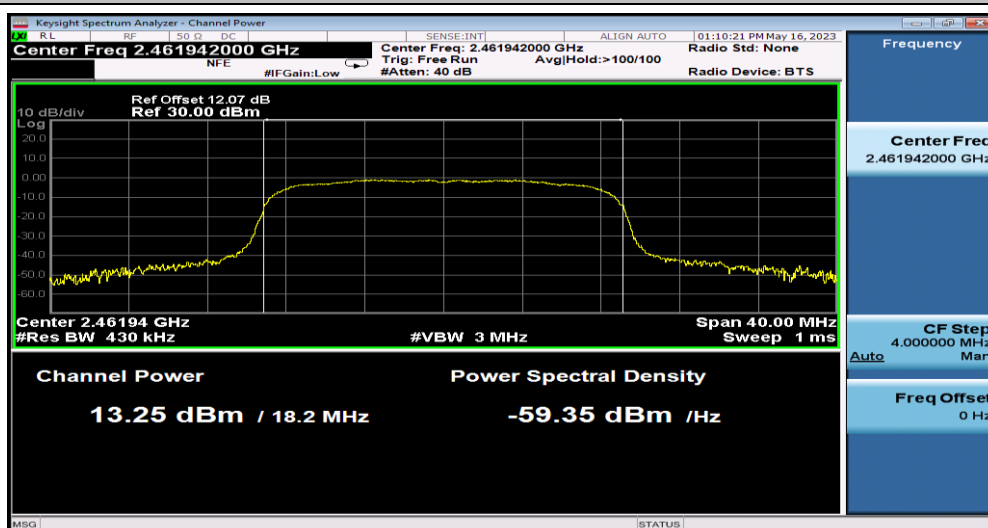
11G\_Ant1\_2462



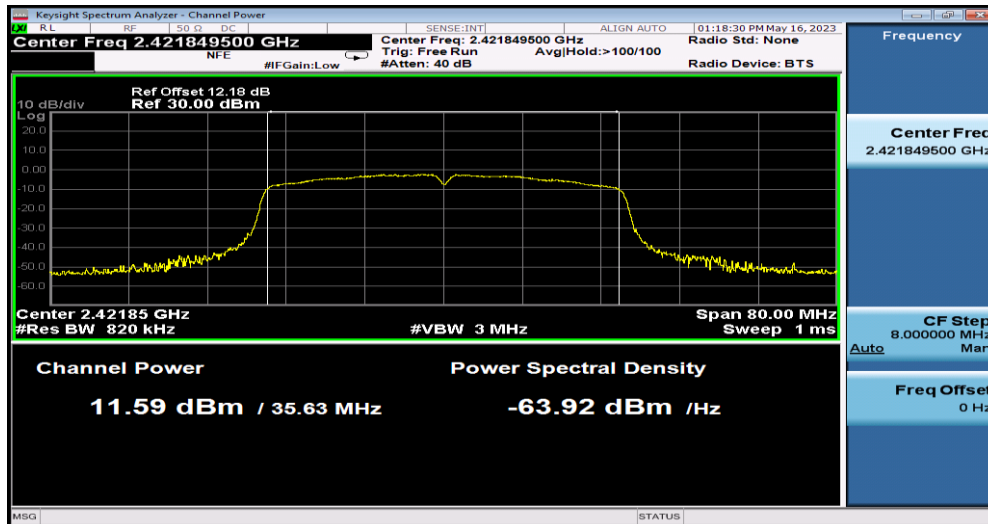
11N20SISO\_Ant1\_2412



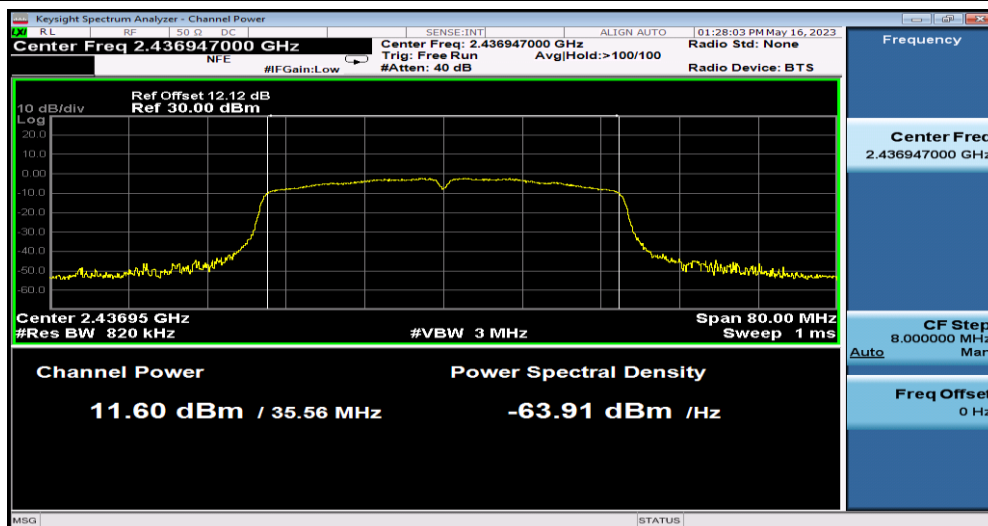
11N20SISO\_Ant1\_2437



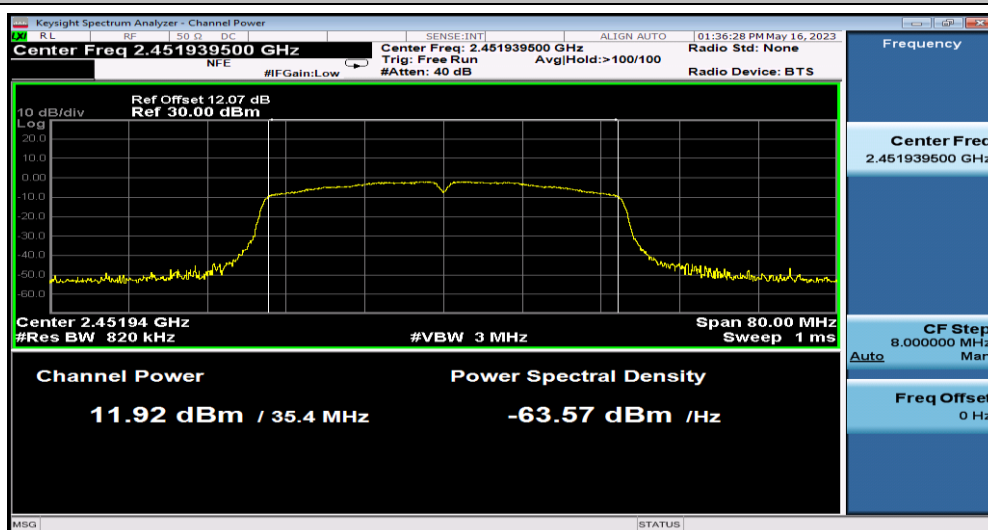
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452

## Appendix D: Maximum power spectral density

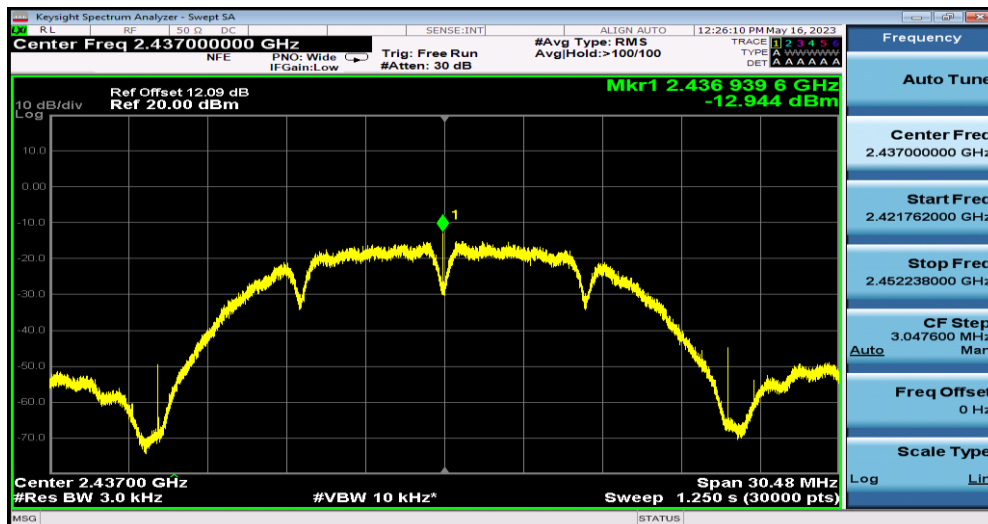
### Test Result

| TestMode  | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412           | -12.4                | ≤8.00           | PASS    |
|           |         | 2437           | -12.95               | ≤8.00           | PASS    |
|           |         | 2462           | -12.77               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412           | -12.76               | ≤8.00           | PASS    |
|           |         | 2437           | -13.12               | ≤8.00           | PASS    |
|           |         | 2462           | -13.14               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412           | -11.53               | ≤8.00           | PASS    |
|           |         | 2437           | -11.89               | ≤8.00           | PASS    |
|           |         | 2462           | -11.73               | ≤8.00           | PASS    |
| 11N40SISO | Ant1    | 2422           | -14.28               | ≤8.00           | PASS    |
|           |         | 2437           | -14.13               | ≤8.00           | PASS    |
|           |         | 2452           | -14.25               | ≤8.00           | PASS    |

## Test Graphs



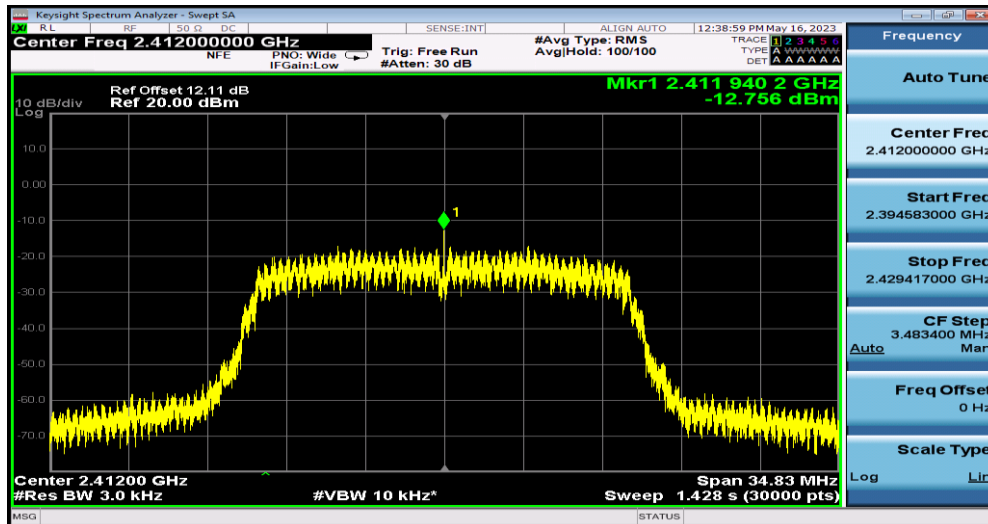
11B\_Ant1\_2412



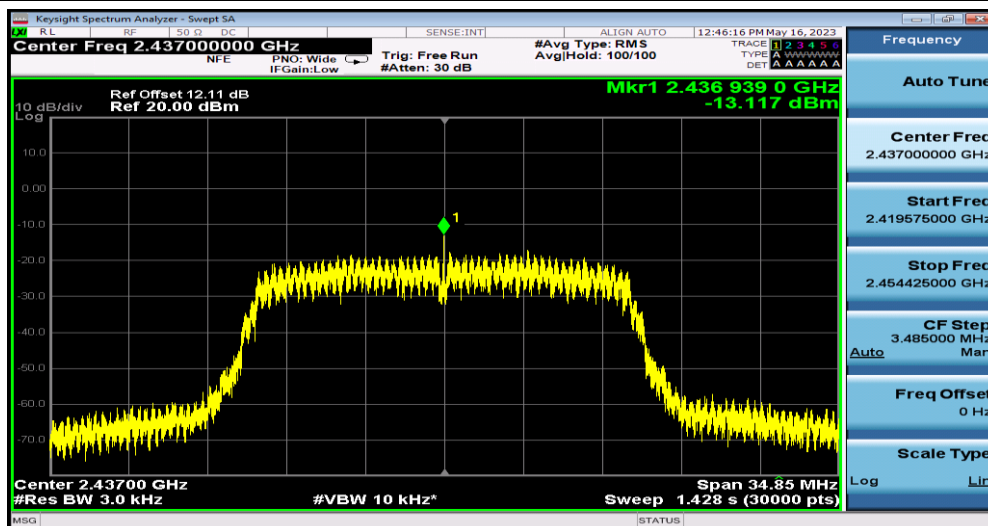
11B\_Ant1\_2437



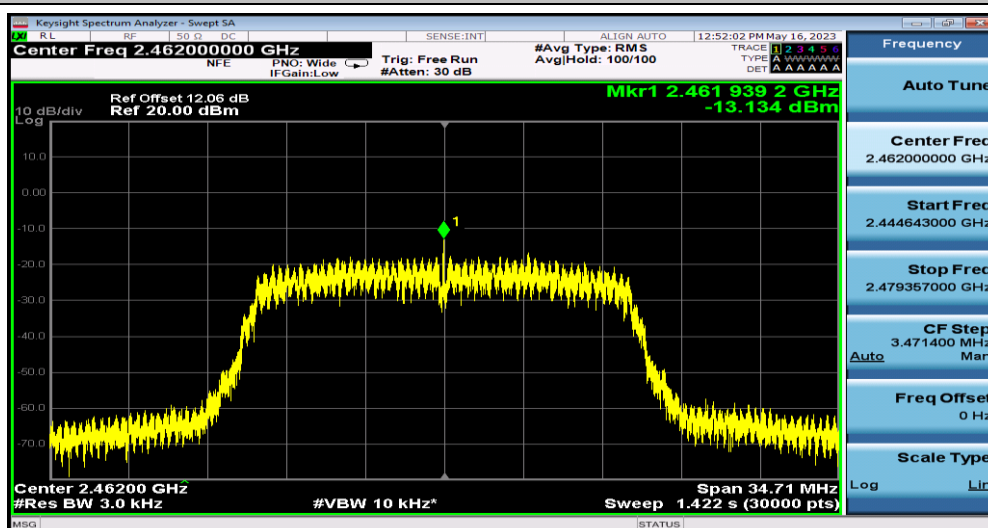
11B\_Ant1\_2462



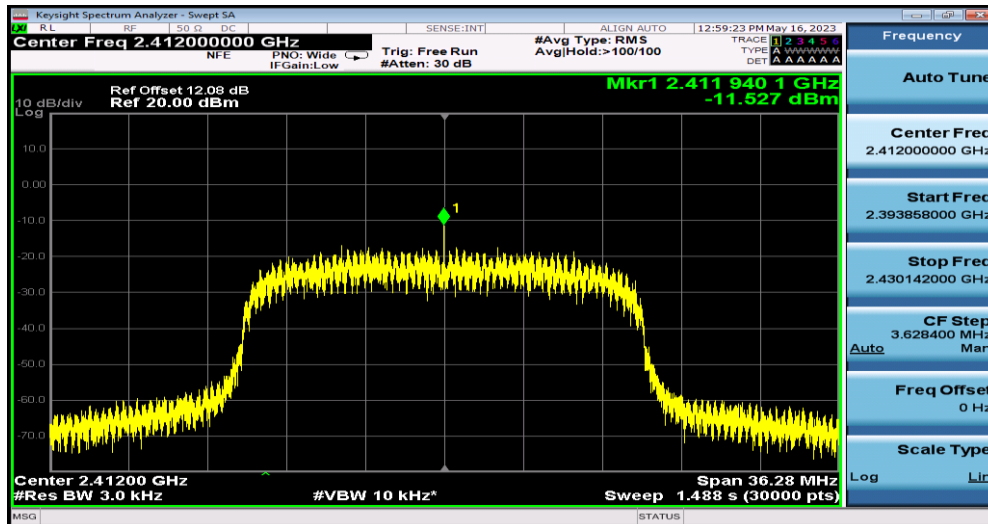
11G\_Ant1\_2412



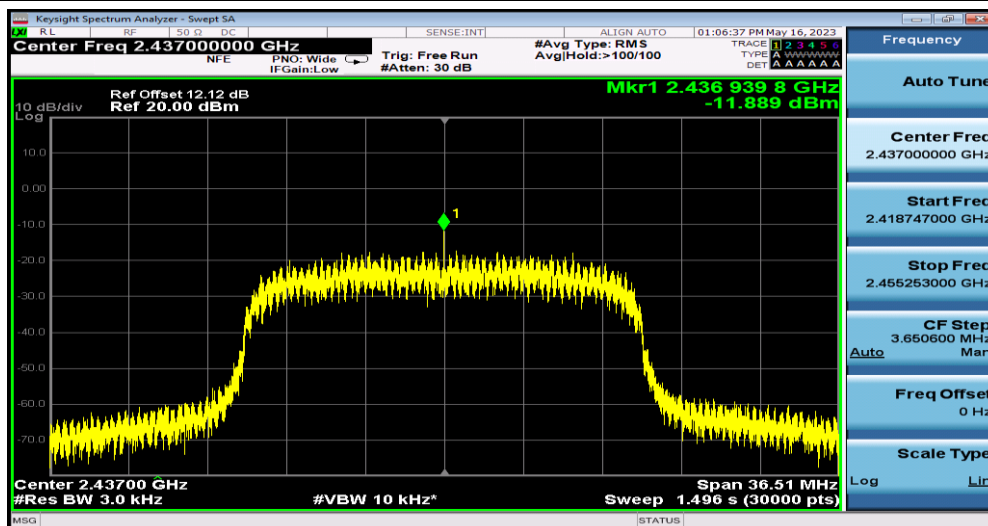
11G\_Ant1\_2437



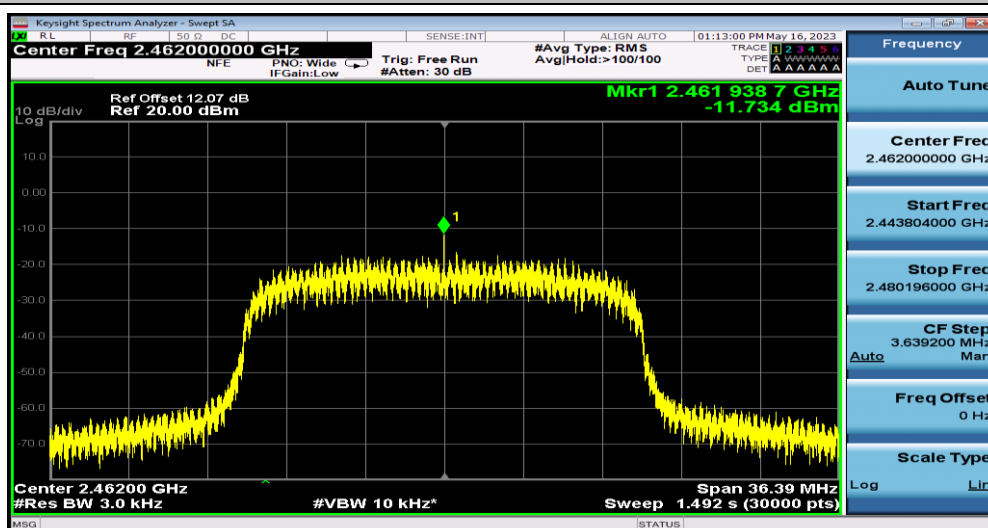
11G\_Ant1\_2462



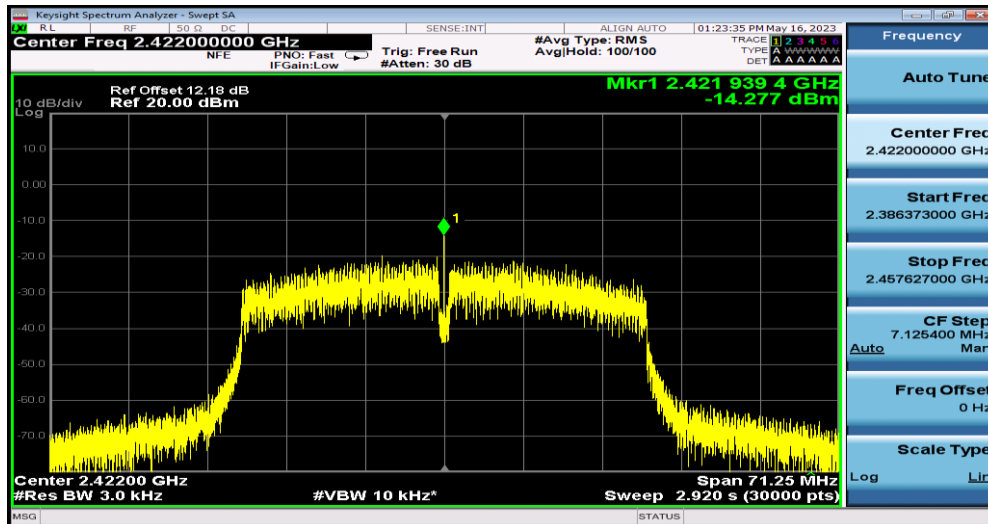
11N20SISO\_Ant1\_2412



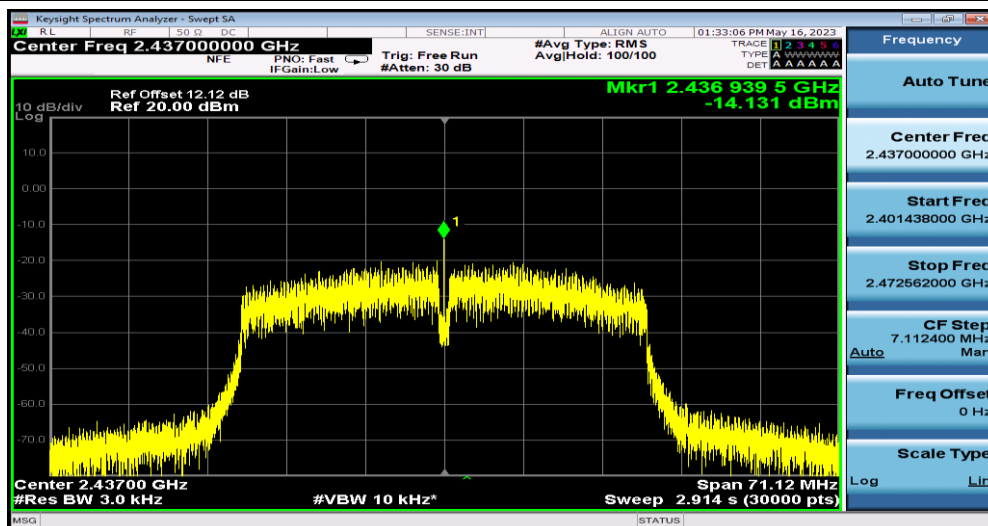
11N20SISO\_Ant1\_2437



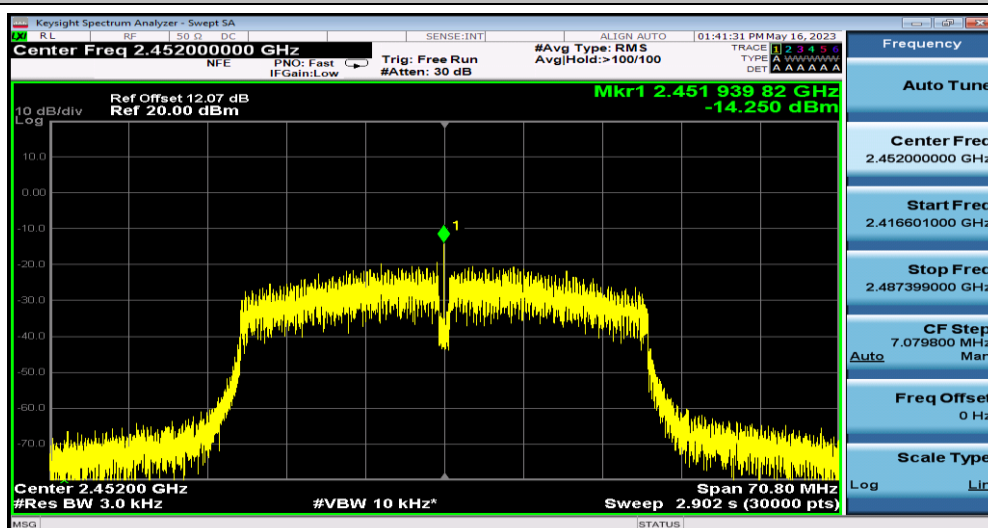
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



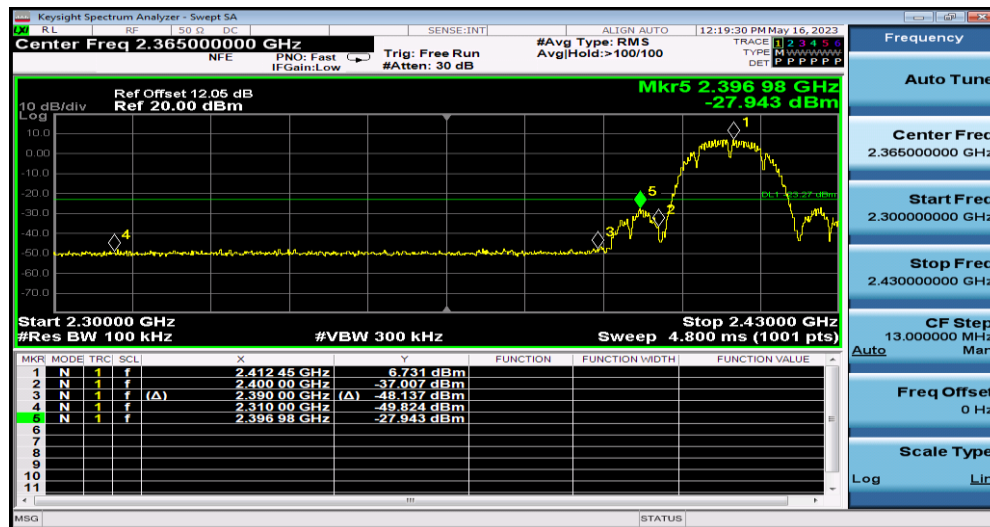
11N40SISO\_Ant1\_2452

## Appendix E: Band edge measurements

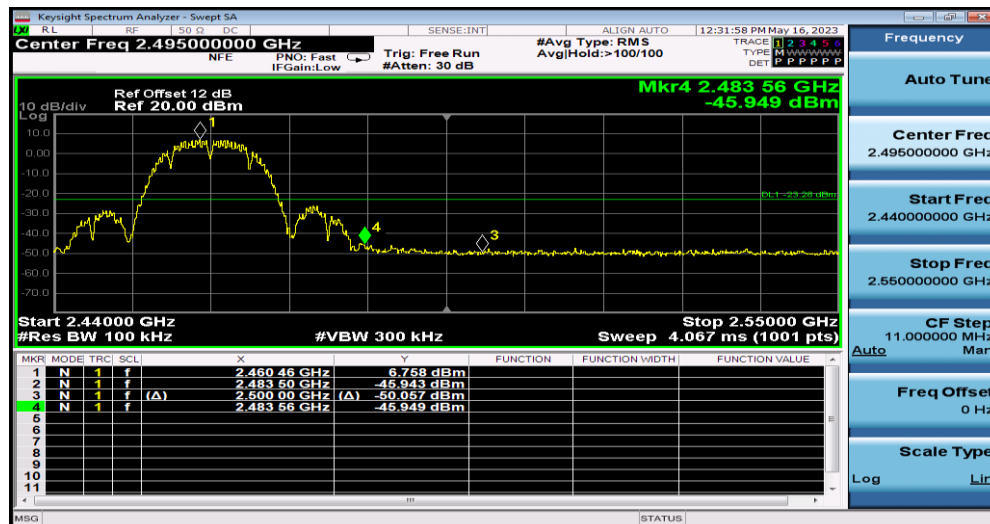
### Test Result

| TestMode  | Antenna | Channel Name | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------------|----------------|---------------|-------------|------------|---------|
| 11B       | Ant1    | Low          | 2412           | 6.73          | -27.94      | ≤-23.27    | PASS    |
|           |         | High         | 2462           | 6.72          | -45.95      | ≤-23.28    | PASS    |
| 11G       | Ant1    | Low          | 2412           | 2.60          | -36.21      | ≤-27.4     | PASS    |
|           |         | High         | 2462           | 2.55          | -43.65      | ≤-27.45    | PASS    |
| 11N20SISO | Ant1    | Low          | 2412           | 5.31          | -36.22      | ≤-24.69    | PASS    |
|           |         | High         | 2462           | 5.33          | -44.01      | ≤-24.67    | PASS    |
| 11N40SISO | Ant1    | Low          | 2422           | -1.60         | -37.58      | ≤-31.6     | PASS    |
|           |         | High         | 2452           | -1.04         | -41.24      | ≤-31.04    | PASS    |

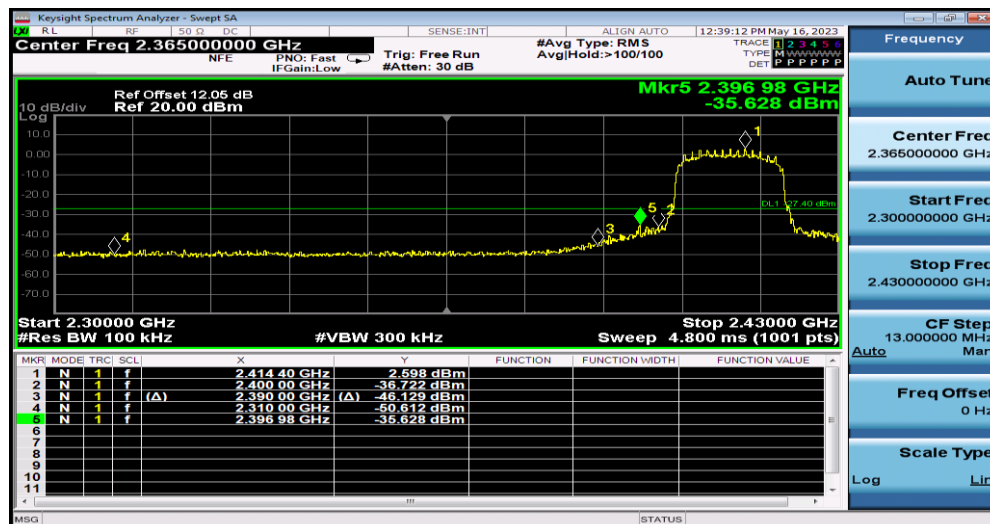
## Test Graphs



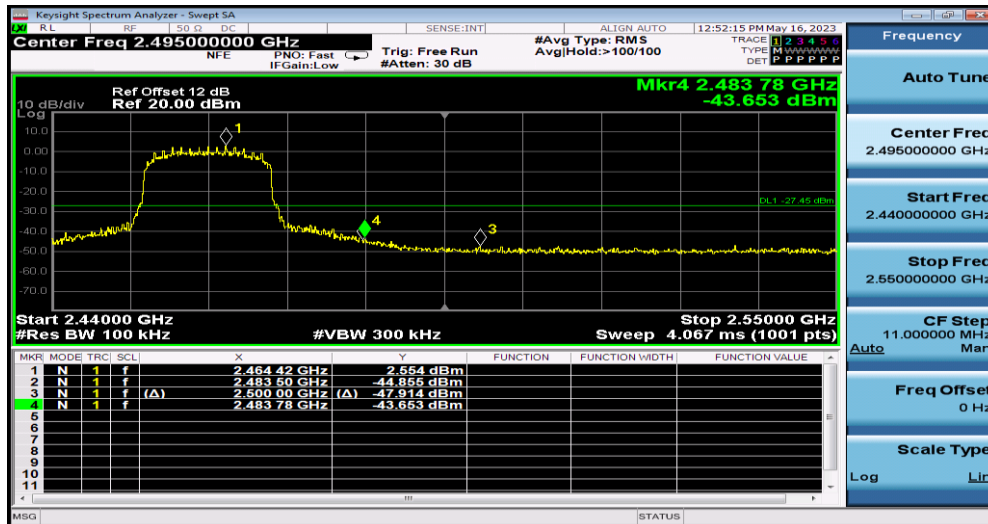
11B\_Ant1\_Low\_2412



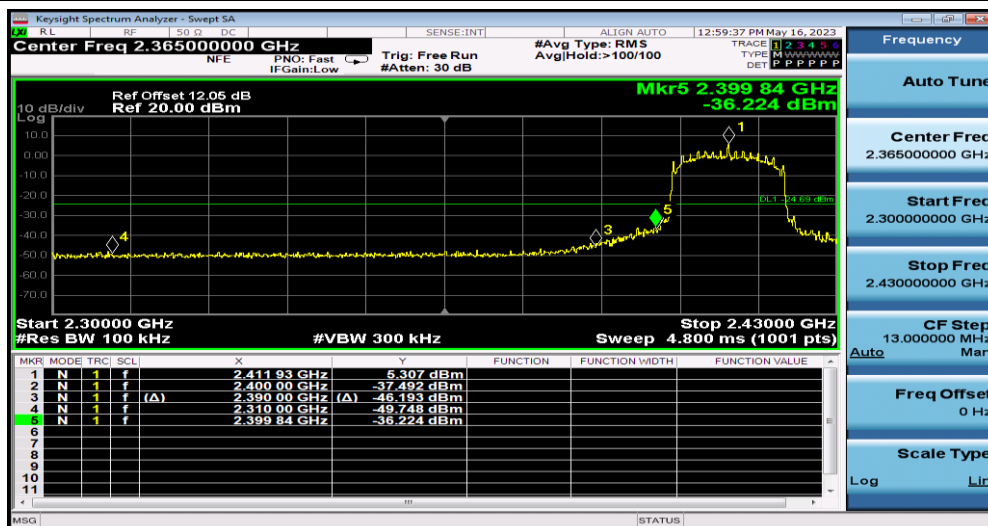
11B\_Ant1\_High\_2462



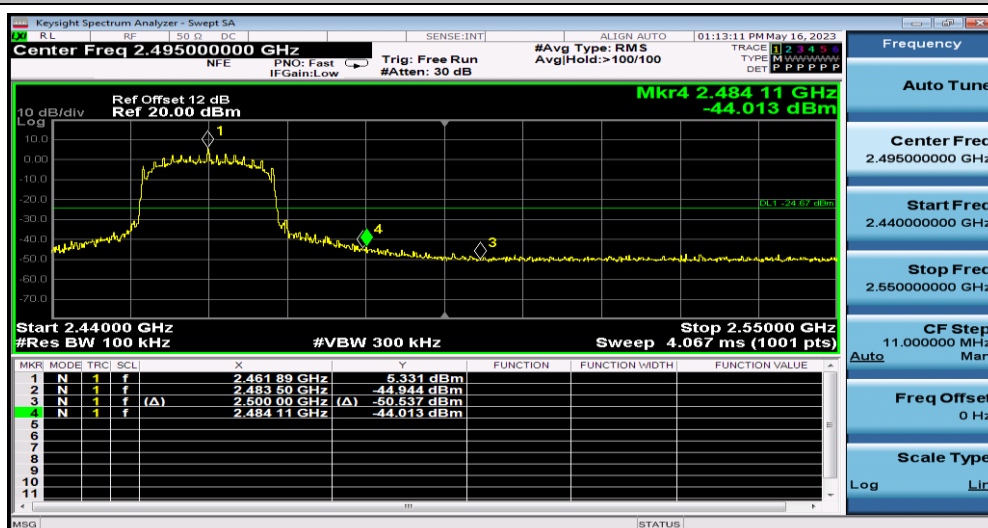
11G\_Ant1\_Low\_2412



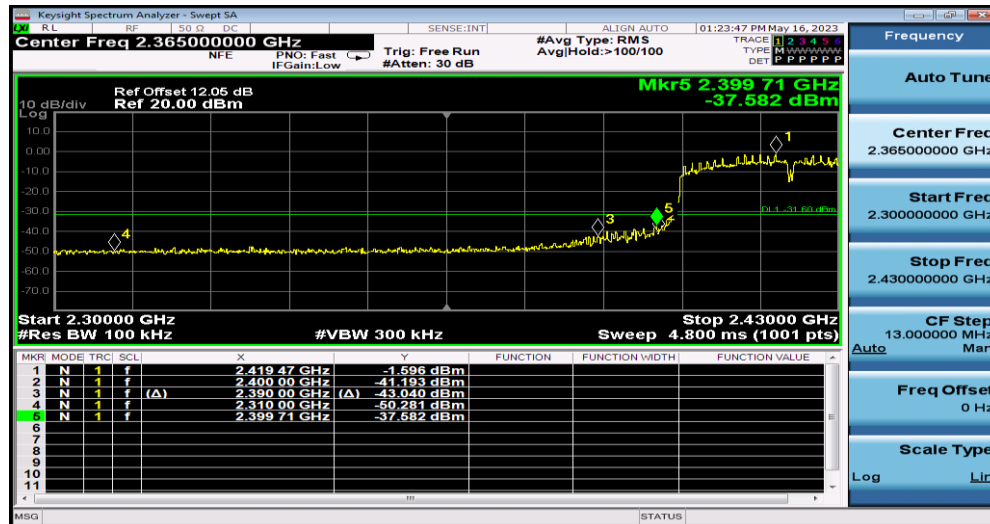
11G\_Ant1\_High\_2462



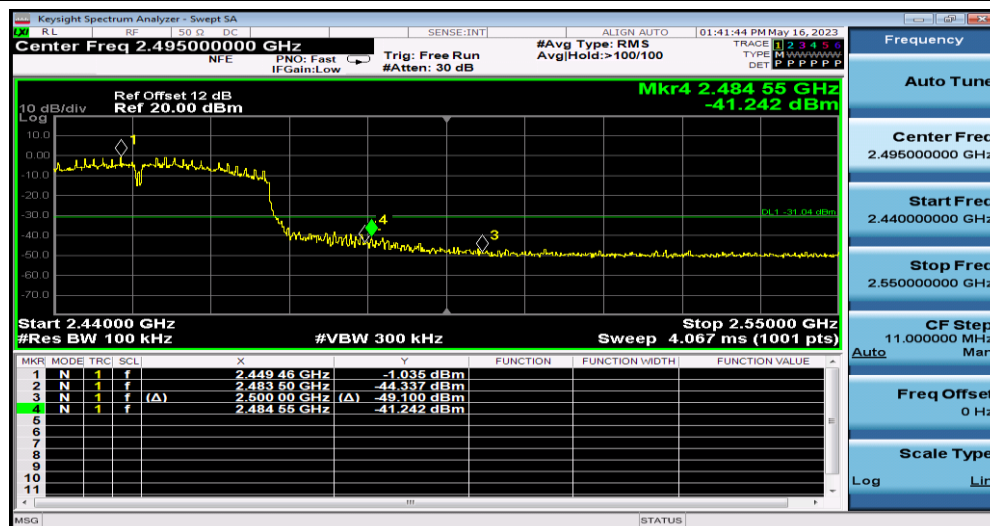
11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant1\_High\_2462



11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant1\_High\_2452

## Appendix F: Conducted Spurious Emission

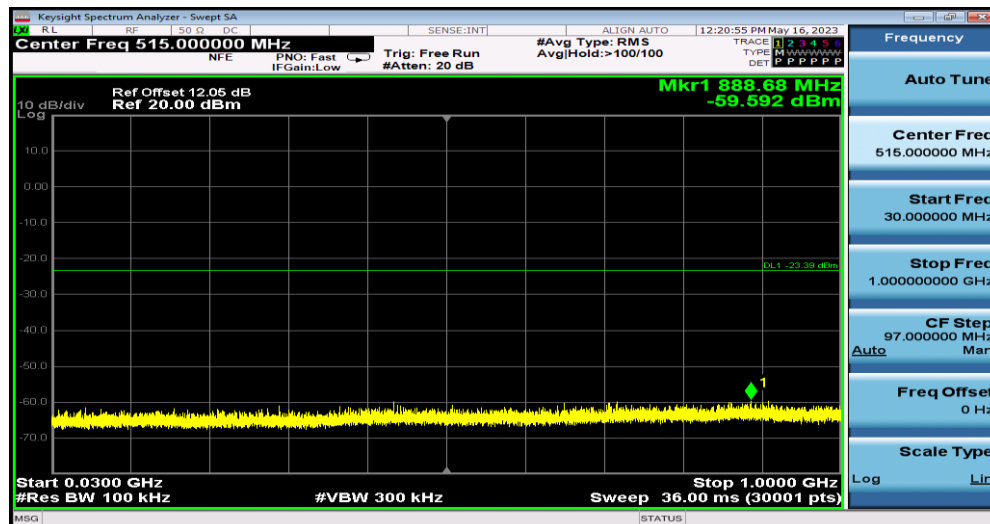
### Test Result

| TestMode  | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412           | Reference       | 6.61           | 6.61         | ---         | PASS    |
|           |         |                | 30~1000         | 6.61           | -59.59       | ≤-23.39     | PASS    |
|           |         |                | 1000~26500      | 6.61           | -44.94       | ≤-23.39     | PASS    |
|           |         | 2437           | Reference       | 6.39           | 6.39         | ---         | PASS    |
|           |         |                | 30~1000         | 6.39           | -59.55       | ≤-23.61     | PASS    |
|           |         |                | 1000~26500      | 6.39           | -46.21       | ≤-23.61     | PASS    |
|           |         | 2462           | Reference       | 6.77           | 6.77         | ---         | PASS    |
|           |         |                | 30~1000         | 6.77           | -59.43       | ≤-23.23     | PASS    |
|           |         |                | 1000~26500      | 6.77           | -45.69       | ≤-23.23     | PASS    |
| 11G       | Ant1    | 2412           | Reference       | 2.51           | 2.51         | ---         | PASS    |
|           |         |                | 30~1000         | 2.51           | -58.87       | ≤-27.49     | PASS    |
|           |         |                | 1000~26500      | 2.51           | -51.14       | ≤-27.49     | PASS    |
|           |         | 2437           | Reference       | 2.47           | 2.47         | ---         | PASS    |
|           |         |                | 30~1000         | 2.47           | -59.3        | ≤-27.53     | PASS    |
|           |         |                | 1000~26500      | 2.47           | -50.72       | ≤-27.53     | PASS    |
|           |         | 2462           | Reference       | 2.52           | 2.52         | ---         | PASS    |
|           |         |                | 30~1000         | 2.52           | -59.32       | ≤-27.48     | PASS    |
|           |         |                | 1000~26500      | 2.52           | -50.73       | ≤-27.48     | PASS    |
| 11N20SISO | Ant1    | 2412           | Reference       | 5.52           | 5.52         | ---         | PASS    |
|           |         |                | 30~1000         | 5.52           | -59.97       | ≤-24.48     | PASS    |
|           |         |                | 1000~26500      | 5.52           | -50.68       | ≤-24.48     | PASS    |
|           |         | 2437           | Reference       | 5.16           | 5.16         | ---         | PASS    |
|           |         |                | 30~1000         | 5.16           | -59.47       | ≤-24.84     | PASS    |
|           |         |                | 1000~26500      | 5.16           | -51.36       | ≤-24.84     | PASS    |
|           |         | 2462           | Reference       | 5.45           | 5.45         | ---         | PASS    |
|           |         |                | 30~1000         | 5.45           | -59.84       | ≤-24.55     | PASS    |
|           |         |                | 1000~26500      | 5.45           | -50.82       | ≤-24.55     | PASS    |
| 11N40SISO | Ant1    | 2422           | Reference       | -1.63          | -1.63        | ---         | PASS    |
|           |         |                | 30~1000         | -1.63          | -59.68       | ≤-31.63     | PASS    |
|           |         |                | 1000~26500      | -1.63          | -50.01       | ≤-31.63     | PASS    |
|           |         | 2437           | Reference       | -1.47          | -1.47        | ---         | PASS    |
|           |         |                | 30~1000         | -1.47          | -59.76       | ≤-31.47     | PASS    |
|           |         |                | 1000~26500      | -1.47          | -51.13       | ≤-31.47     | PASS    |
|           |         | 2452           | Reference       | -1.05          | -1.05        | ---         | PASS    |
|           |         |                | 30~1000         | -1.05          | -59.98       | ≤-31.05     | PASS    |
|           |         |                | 1000~26500      | -1.05          | -51.17       | ≤-31.05     | PASS    |

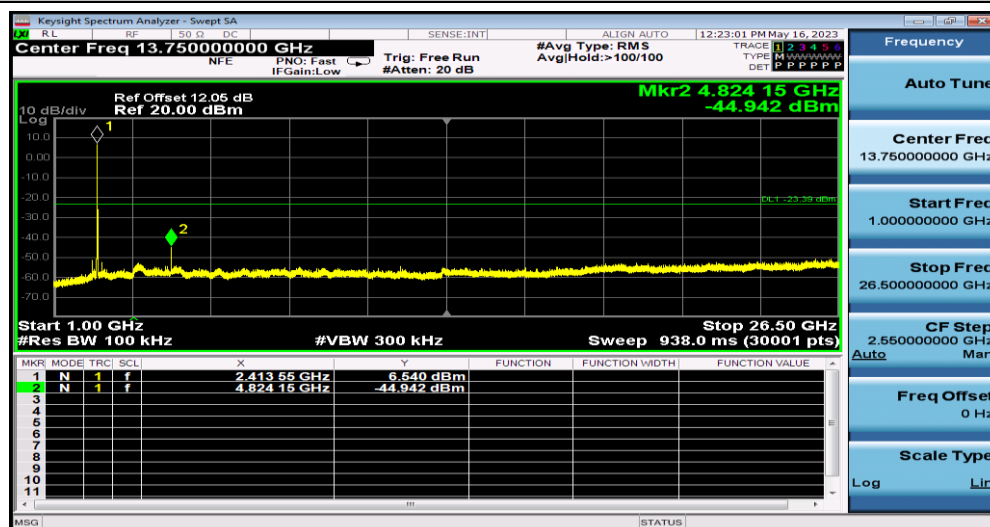
## Test Graphs



11B\_Ant1\_2412\_0~Reference



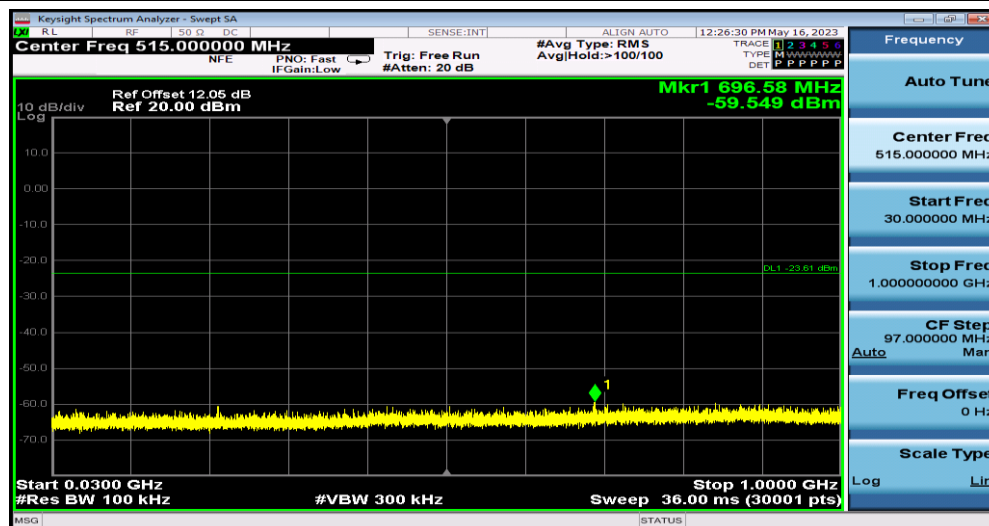
11B\_Ant1\_2412\_30~1000



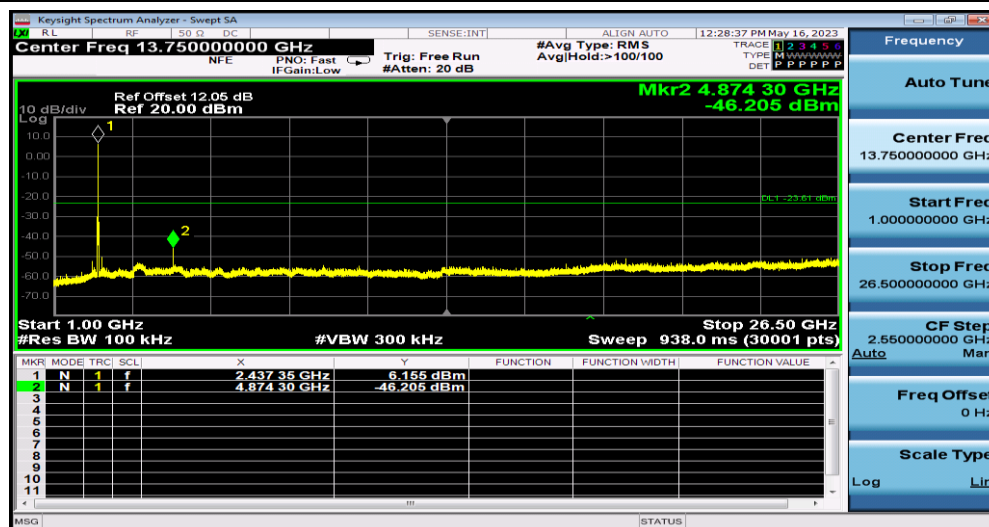
11B\_Ant1\_2412\_1000~26500



11B\_Ant1\_2437\_0~Reference



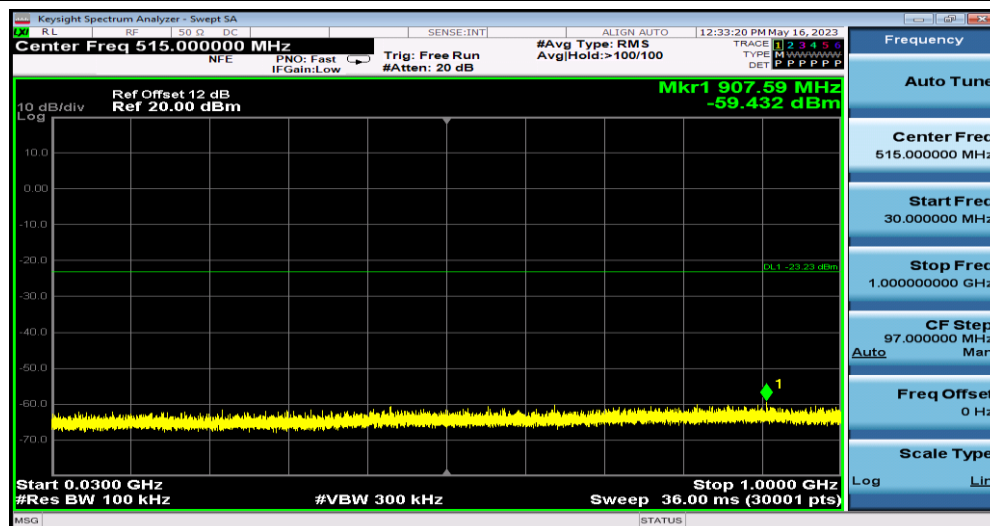
11B\_Ant1\_2437\_30~1000



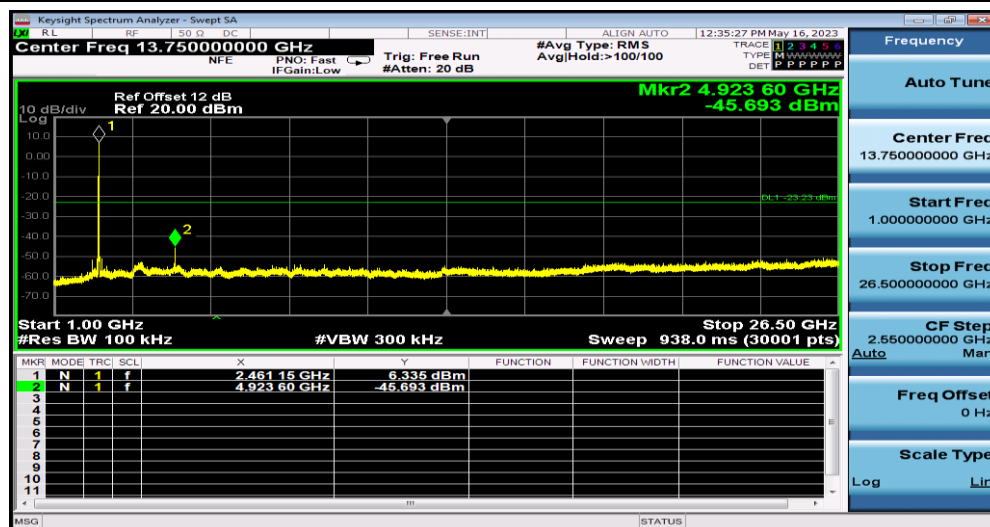
11B\_Ant1\_2437\_1000~26500



11B\_Ant1\_2462\_0~Reference



11B\_Ant1\_2462\_30~1000



11B\_Ant1\_2462\_1000~26500