



## Appendix A

### RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Smart visual ear-clean Rod

Test Model: X3

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 22.5℃     |
| Relative Humidity: | 53.1%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Kay Hu    |
| Supervised by:     | Li Huan   |



## A.1 DTS Bandwidth

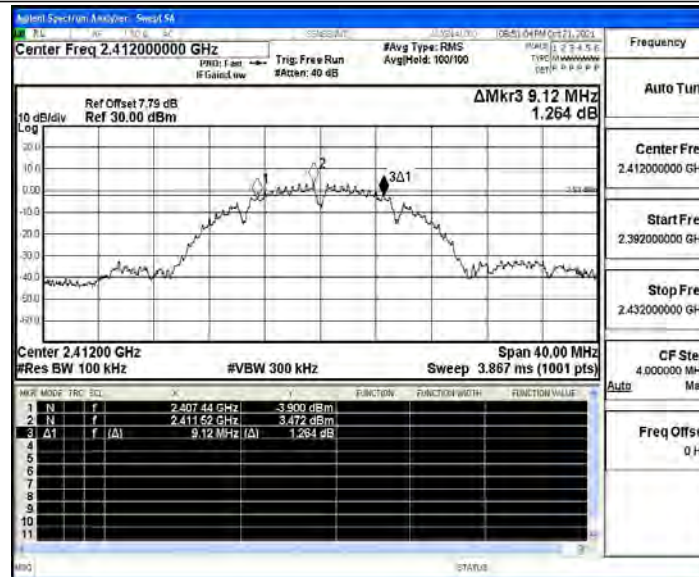
### Test Result

| TestMode  | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 9.120        | 2407.440 | 2416.560 | 0.5        | PASS    |
|           |         | 2437    | 9.680        | 2431.960 | 2441.640 | 0.5        | PASS    |
|           |         | 2462    | 9.160        | 2456.960 | 2466.120 | 0.5        | PASS    |
| 11G       | Ant1    | 2412    | 15.600       | 2404.200 | 2419.800 | 0.5        | PASS    |
|           |         | 2437    | 15.760       | 2428.840 | 2444.600 | 0.5        | PASS    |
|           |         | 2462    | 15.560       | 2454.040 | 2469.600 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412    | 15.360       | 2404.440 | 2419.800 | 0.5        | PASS    |
|           |         | 2437    | 15.840       | 2429.120 | 2444.960 | 0.5        | PASS    |
|           |         | 2462    | 15.680       | 2453.840 | 2469.520 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2422    | 35.200       | 2404.400 | 2439.600 | 0.5        | PASS    |
|           |         | 2437    | 34.000       | 2419.400 | 2453.400 | 0.5        | PASS    |
|           |         | 2452    | 35.600       | 2434.080 | 2469.680 | 0.5        | PASS    |

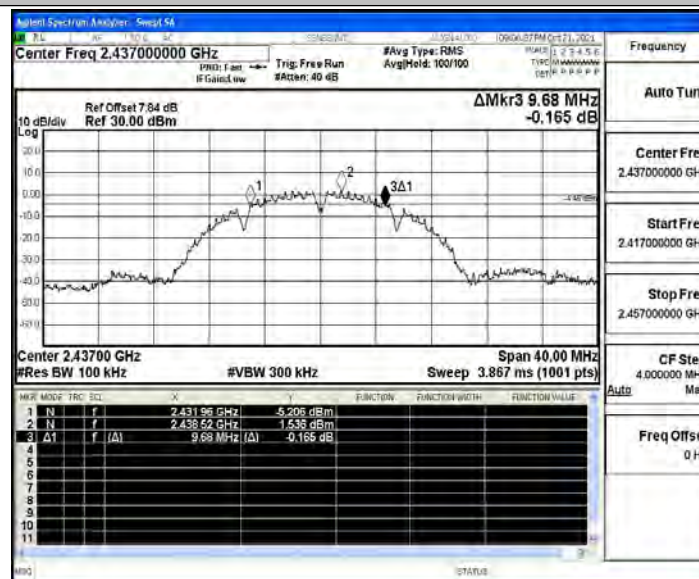


## Test Graphs

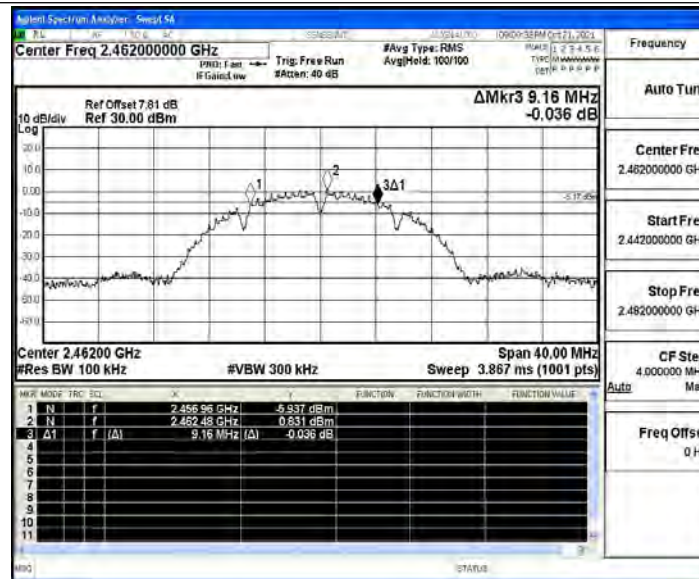
11B\_Ant1\_2412



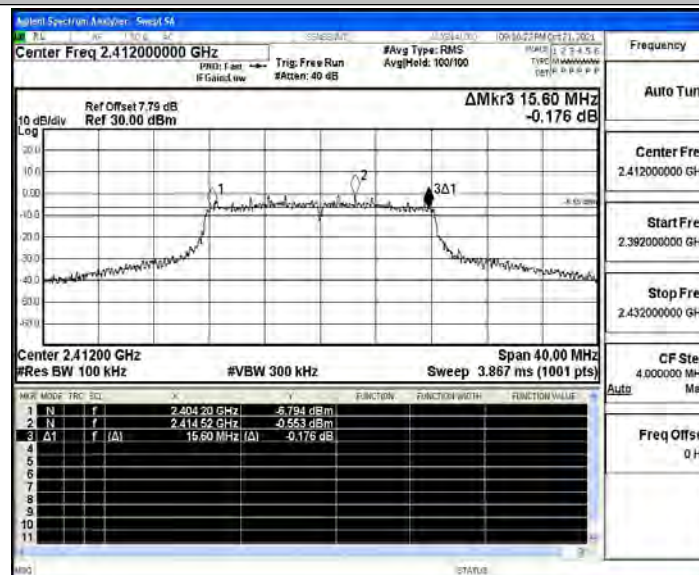
11B\_Ant1\_2437



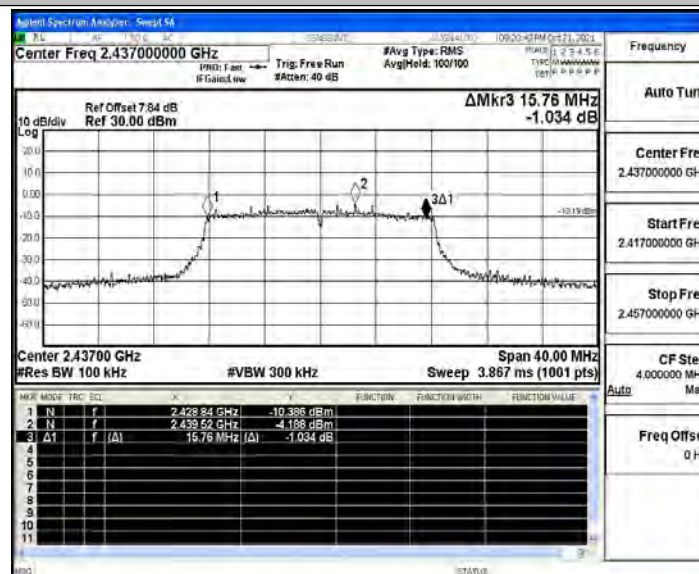
11B\_Ant1\_2462



11G\_Ant1\_2412

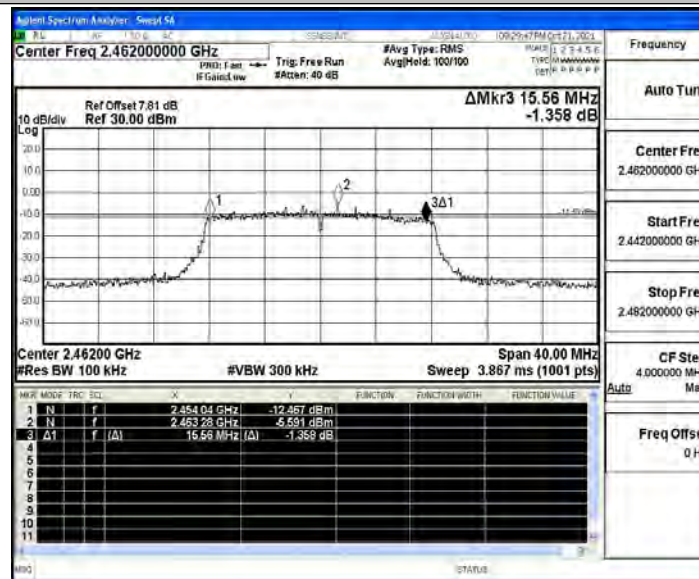


11G\_Ant1\_2437

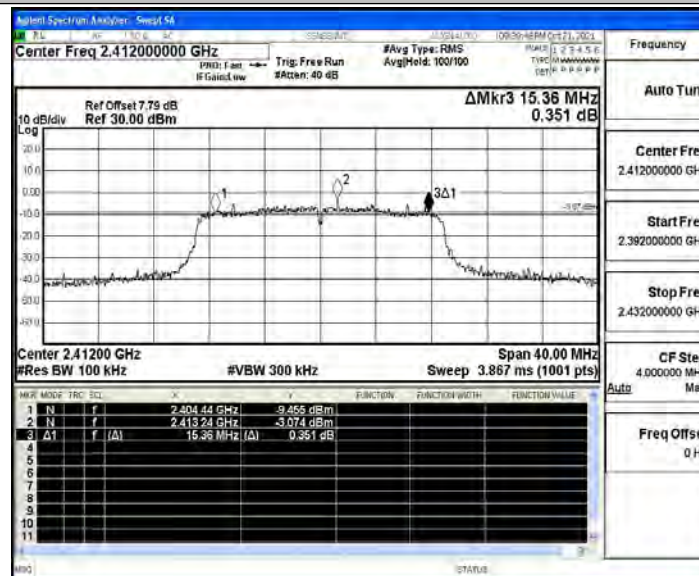




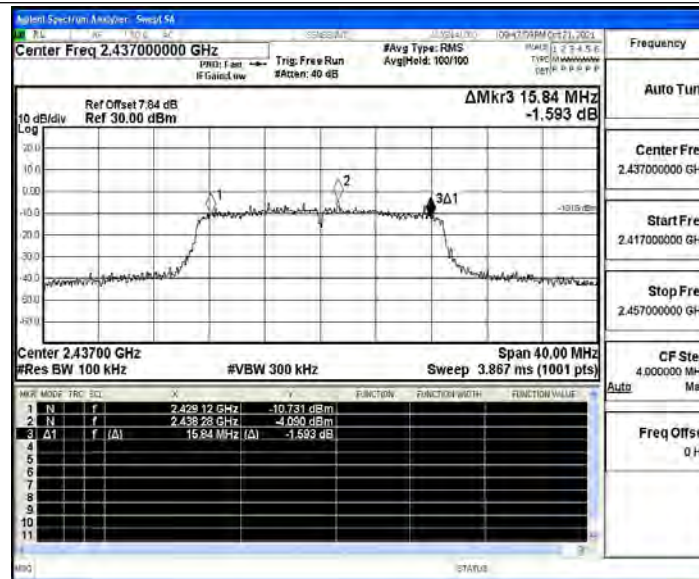
## 11G\_Ant1\_2462



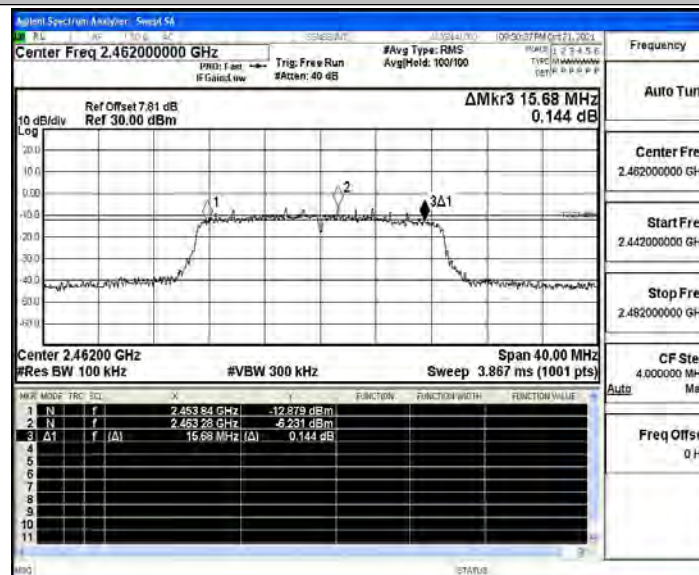
## 11N20SISO\_Ant1\_2412



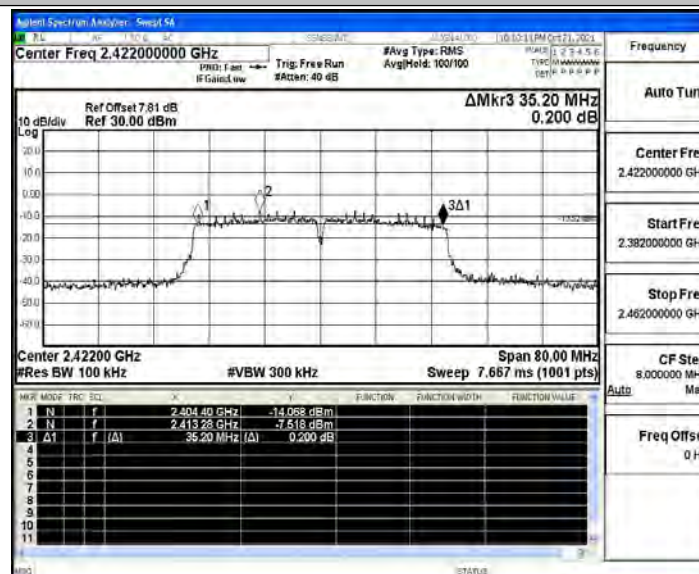
## 11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

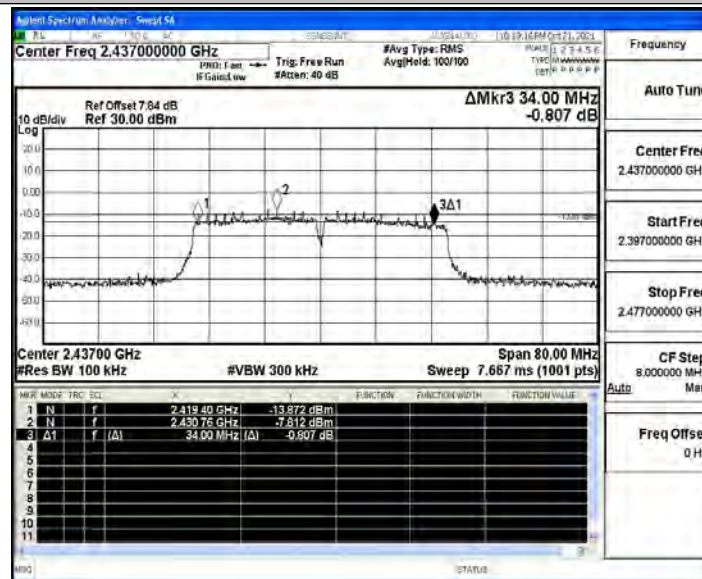


11N40SISO\_Ant1\_2422

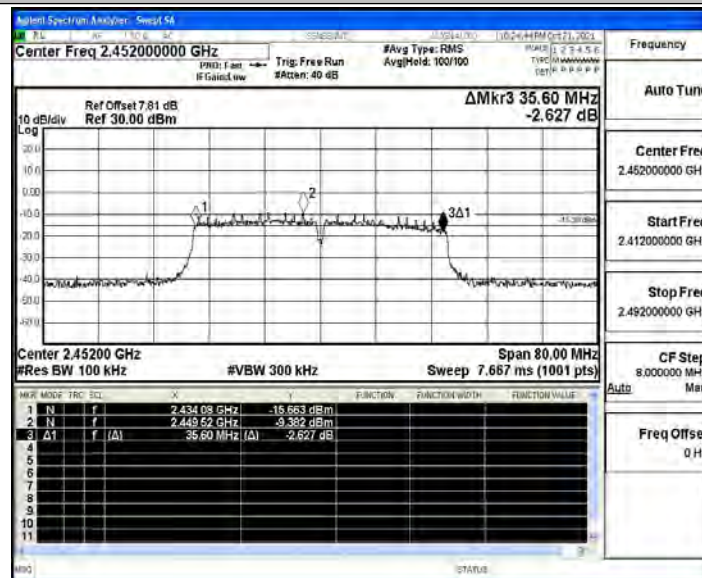




## 11N40SISO\_Ant1\_2437



## 11N40SISO\_Ant1\_2452





## A.2 Maximum peak conducted output power

### Test Result

| TestMode  | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 11B       | Ant1    | 2412    | 8.07        | ≤30        | PASS    |
|           |         | 2437    | 6.83        | ≤30        | PASS    |
|           |         | 2462    | 6.27        | ≤30        | PASS    |
| 11G       | Ant1    | 2412    | 8.58        | ≤30        | PASS    |
|           |         | 2437    | 8.45        | ≤30        | PASS    |
|           |         | 2462    | 7.74        | ≤30        | PASS    |
| 11N20SISO | Ant1    | 2412    | 8.55        | ≤30        | PASS    |
|           |         | 2437    | 8.86        | ≤30        | PASS    |
|           |         | 2462    | 7.59        | ≤30        | PASS    |
| 11N40SISO | Ant1    | 2422    | 8.12        | ≤30        | PASS    |
|           |         | 2437    | 8.54        | ≤30        | PASS    |
|           |         | 2452    | 7.50        | ≤30        | PASS    |



## A.3 Maximum power spectral density

### Test Result

| TestMode  | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | -16.83               | ≤8              | PASS    |
|           |         | 2437    | -18.45               | ≤8              | PASS    |
|           |         | 2462    | -18.82               | ≤8              | PASS    |
| 11G       | Ant1    | 2412    | -23.03               | ≤8              | PASS    |
|           |         | 2437    | -23.21               | ≤8              | PASS    |
|           |         | 2462    | -23.74               | ≤8              | PASS    |
| 11N20SISO | Ant1    | 2412    | -23.28               | ≤8              | PASS    |
|           |         | 2437    | -22.83               | ≤8              | PASS    |
|           |         | 2462    | -24                  | ≤8              | PASS    |
| 11N40SISO | Ant1    | 2422    | -25.24               | ≤8              | PASS    |
|           |         | 2437    | -25.39               | ≤8              | PASS    |
|           |         | 2452    | -25.83               | ≤8              | PASS    |

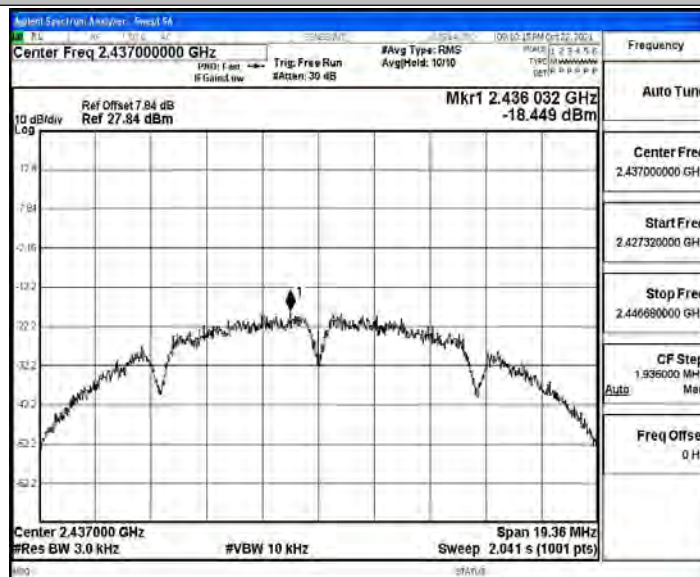


## Test Graphs

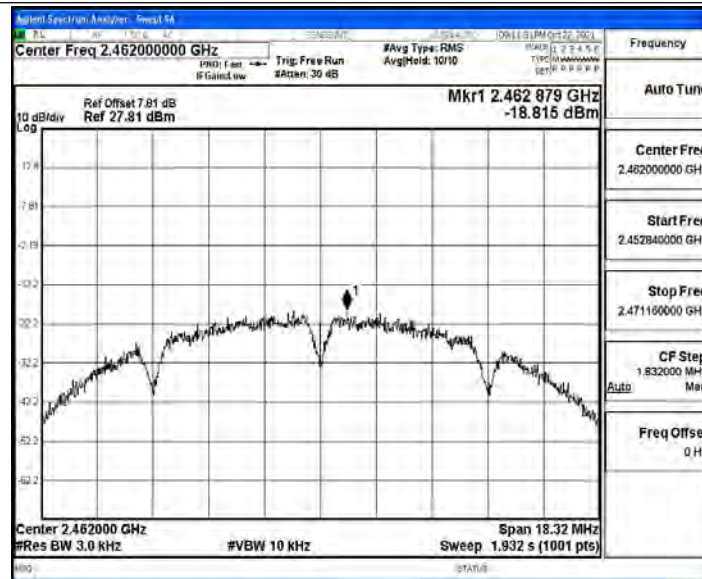
11B\_Ant1\_2412



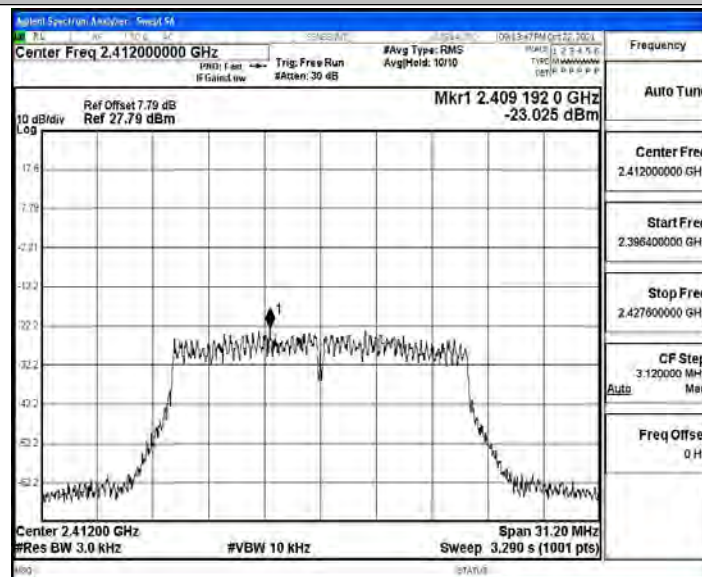
11B\_Ant1\_2437



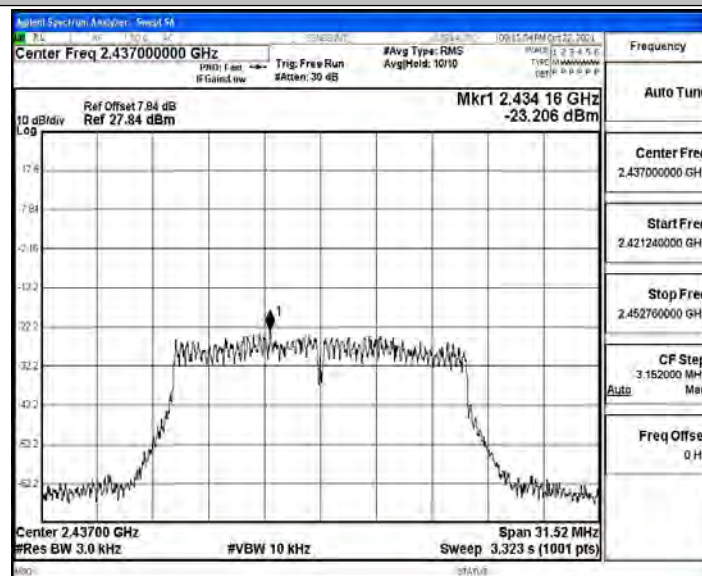
11B\_Ant1\_2462



11G\_Ant1\_2412

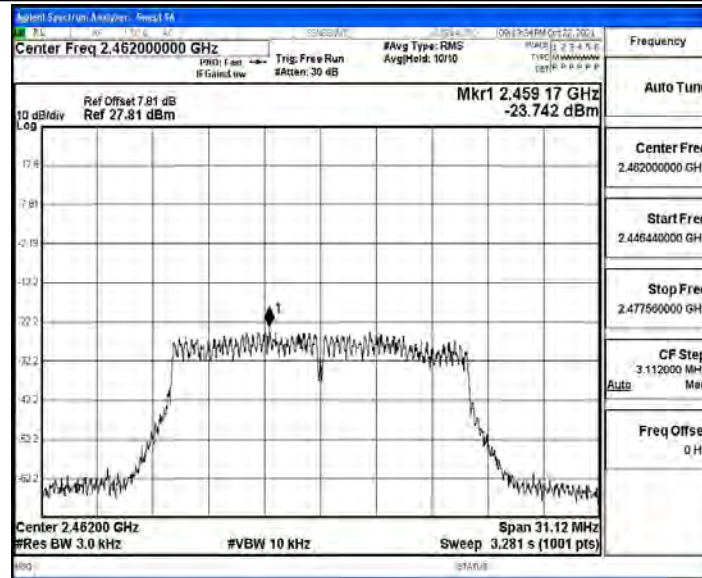


11G\_Ant1\_2437

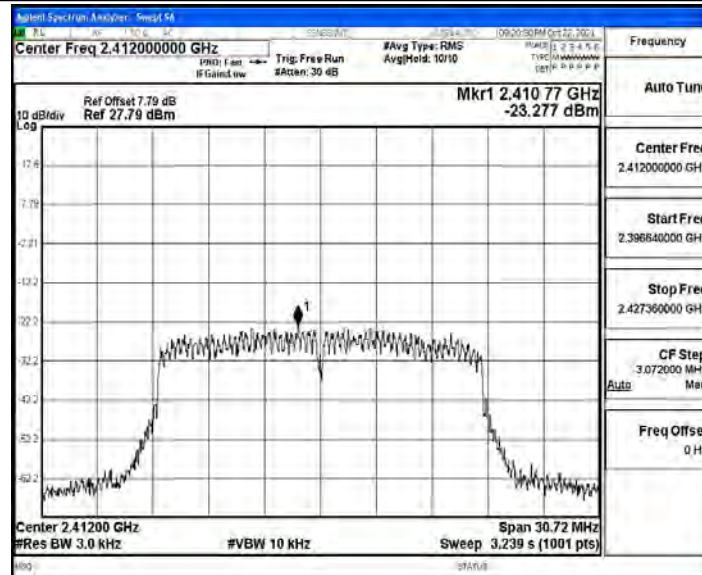




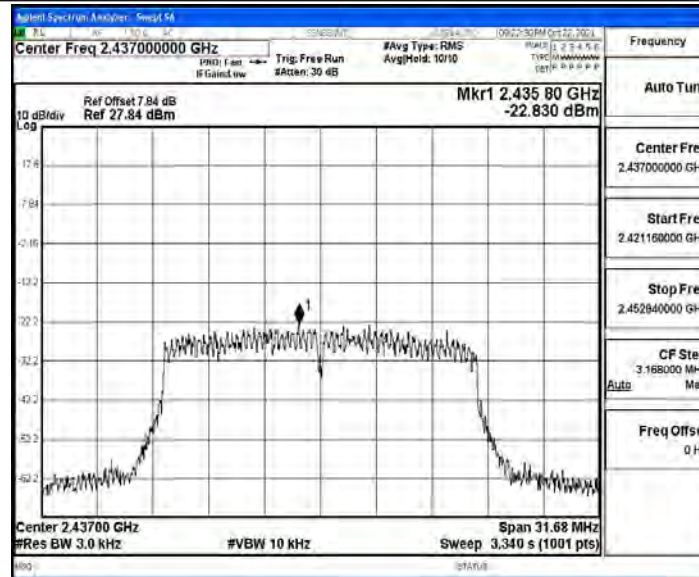
## 11G\_Ant1\_2462



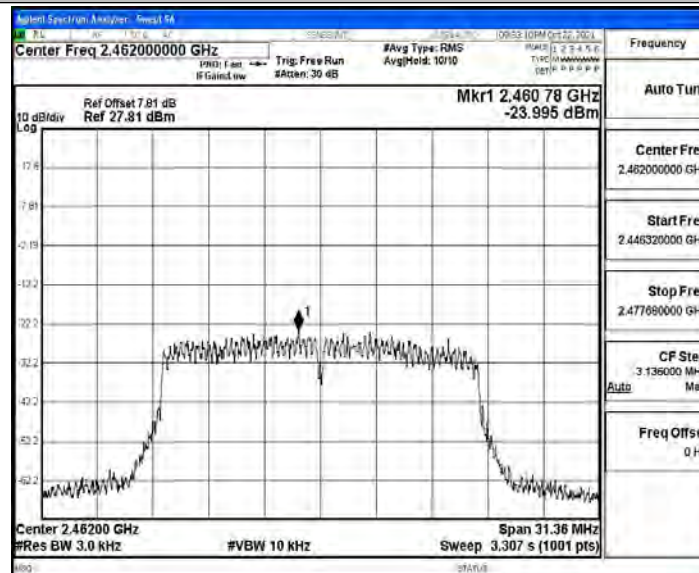
## 11N20SISO\_Ant1\_2412



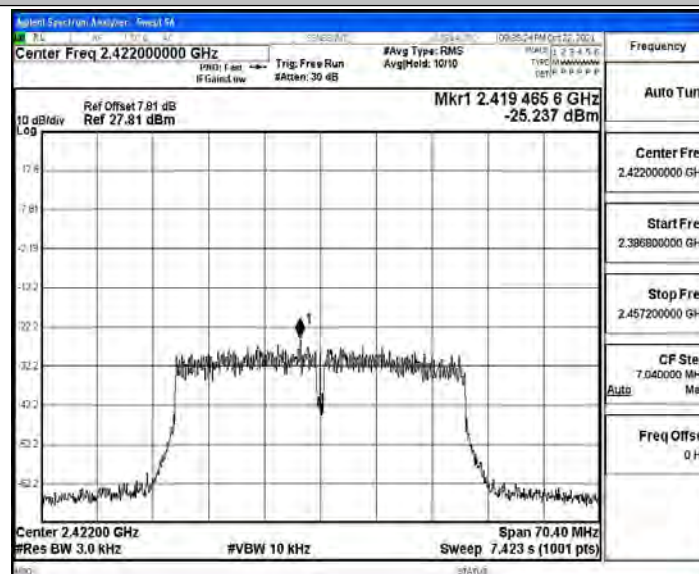
## 11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

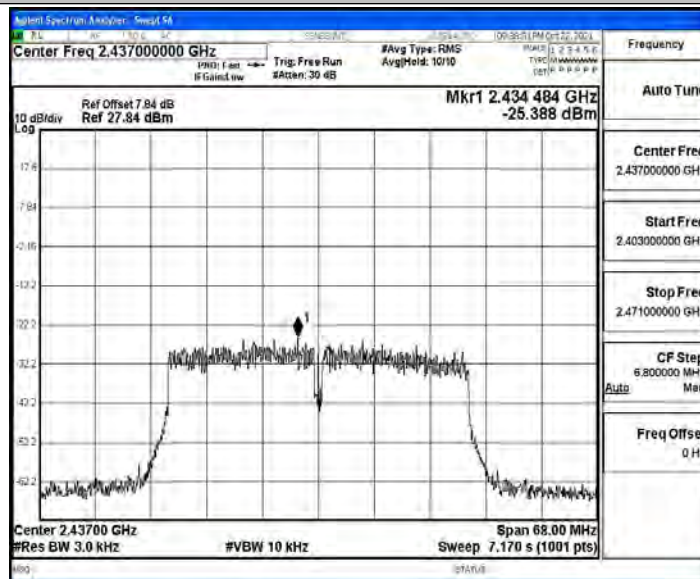


11N40SISO\_Ant1\_2422

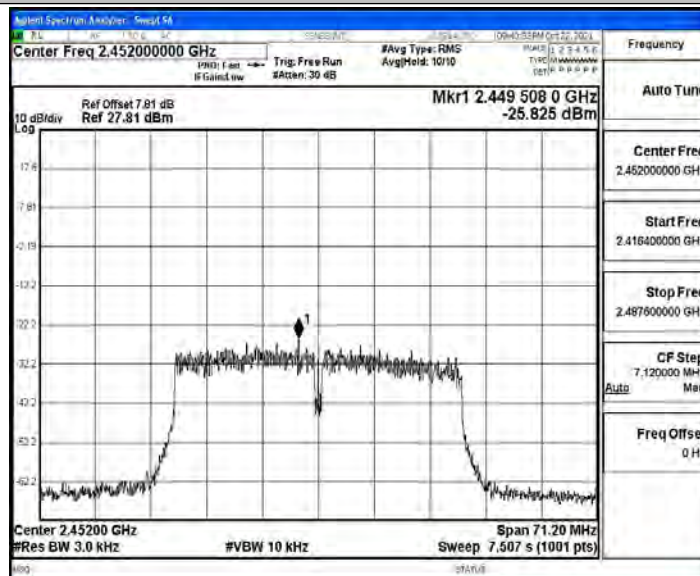




## 11N40SISO\_Ant1\_2437



## 11N40SISO\_Ant1\_2452





## A.4 Band edge measurements

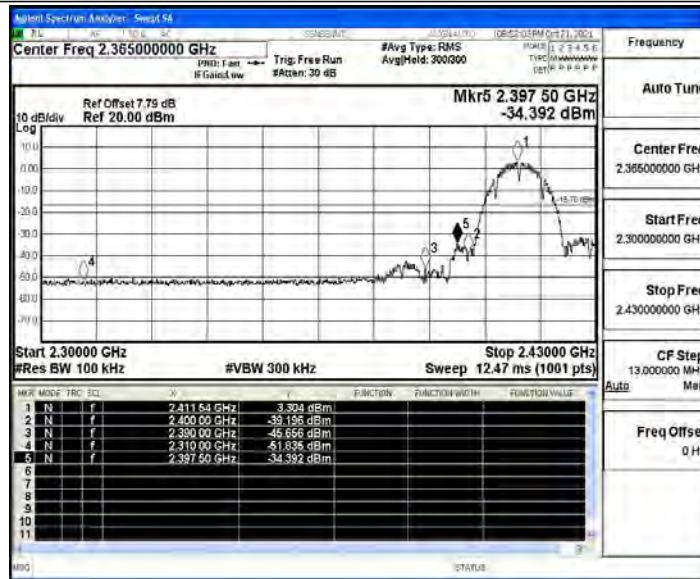
### Test Result

| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|-----------|---------|--------|---------|---------------|-------------|---------------|---------|
| 11B       | Ant1    | Low    | 2412    | 3.30          | -34.39      | $\leq -16.7$  | PASS    |
|           |         | High   | 2462    | 1.04          | -47.76      | $\leq -18.96$ | PASS    |
| 11G       | Ant1    | Low    | 2412    | -3.53         | -36.69      | $\leq -23.53$ | PASS    |
|           |         | High   | 2462    | -2.79         | -46.95      | $\leq -22.79$ | PASS    |
| 11N20SISO | Ant1    | Low    | 2412    | -3.05         | -36.23      | $\leq -23.05$ | PASS    |
|           |         | High   | 2462    | -4.90         | -48.2       | $\leq -24.9$  | PASS    |
| 11N40SISO | Ant1    | Low    | 2422    | -7.37         | -38.74      | $\leq -27.37$ | PASS    |
|           |         | High   | 2452    | -7.75         | -44.52      | $\leq -27.75$ | PASS    |

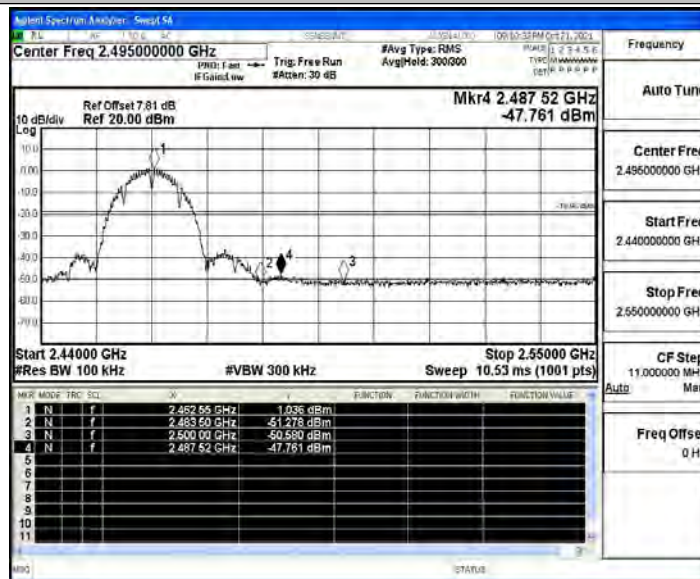


## Test Graphs

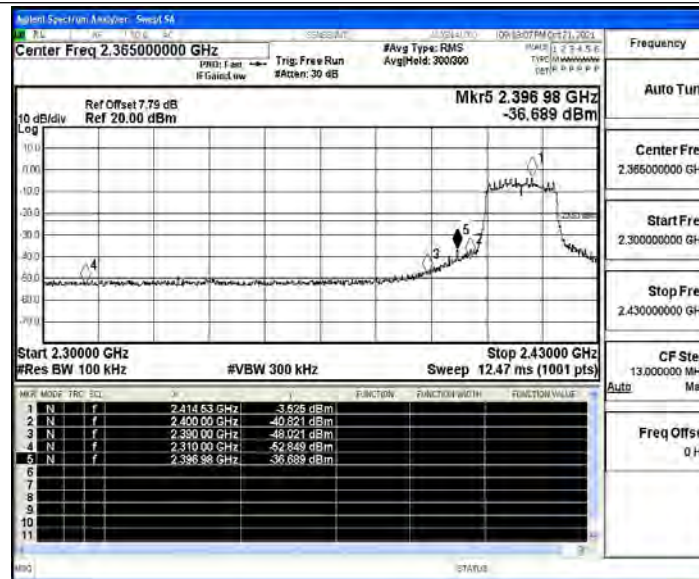
11B\_Ant1\_Low\_2412



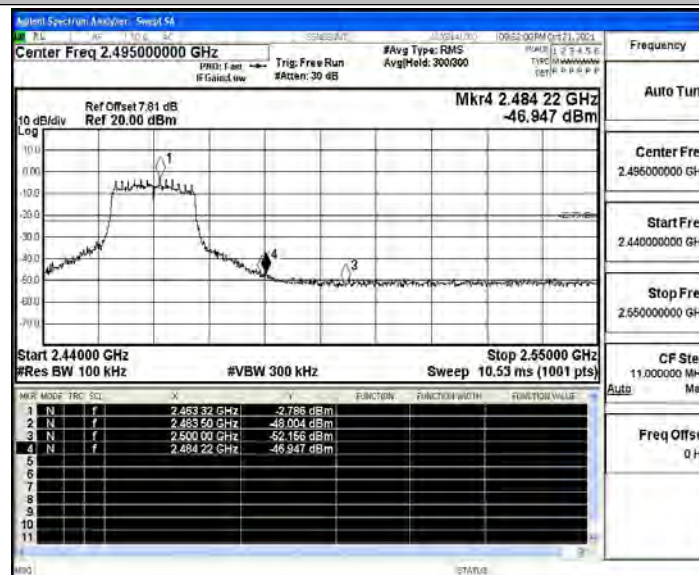
11B\_Ant1\_High\_2462



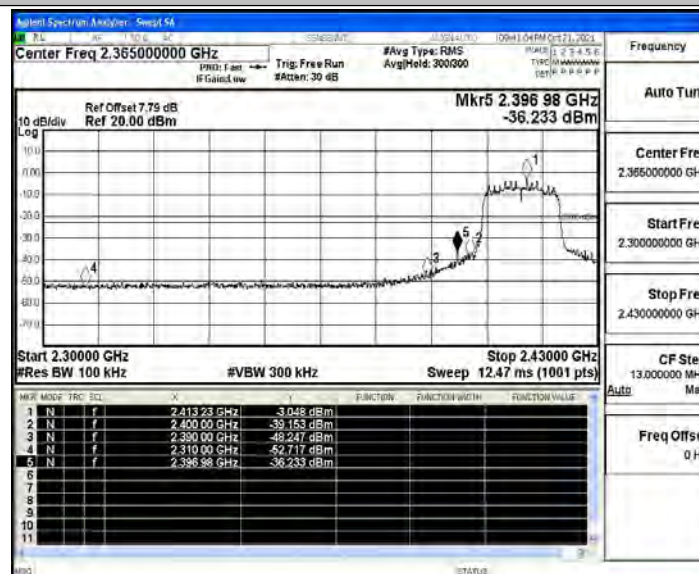
11G\_Ant1\_Low\_2412



11G\_Ant1\_High\_2462

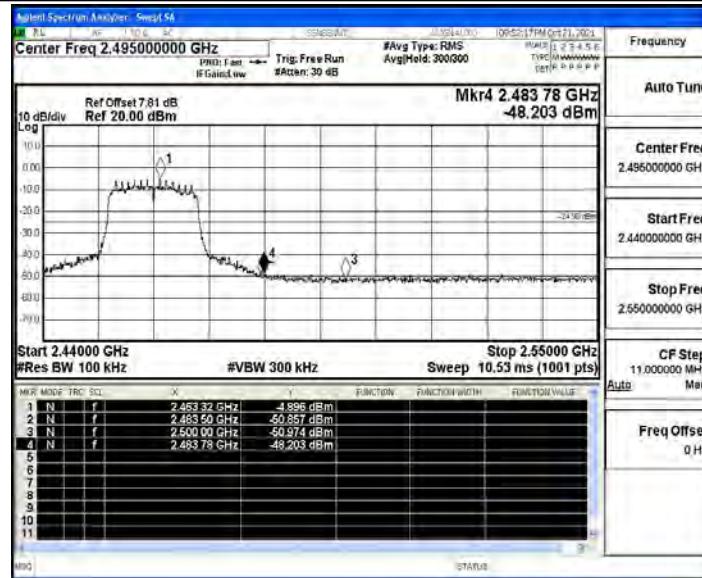


11N20SISO\_Ant1\_Low\_2412

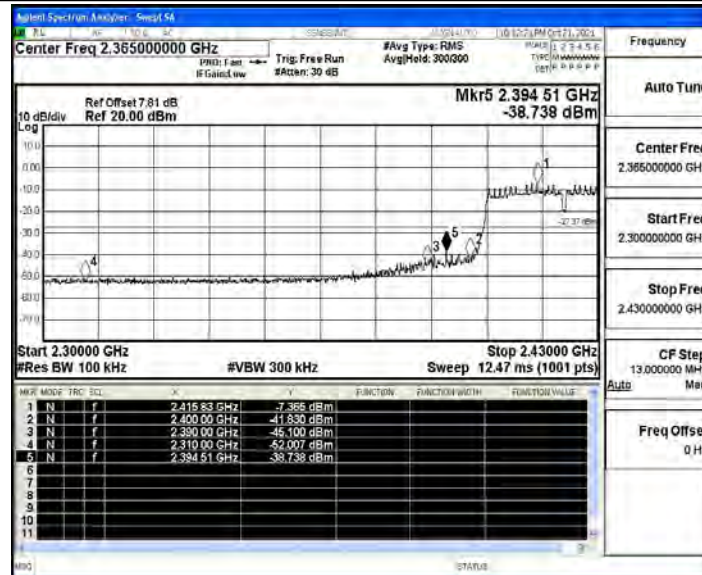




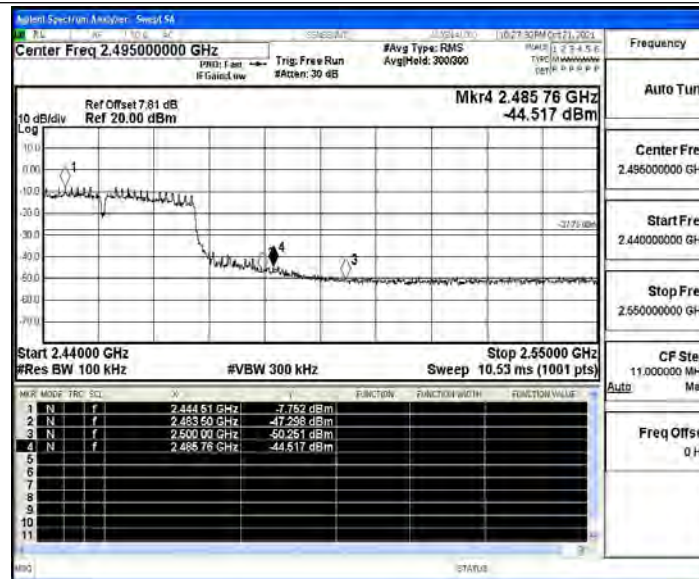
## 11N20SISO\_Ant1\_High\_2462



## 11N40SISO\_Ant1\_Low\_2422



## 11N40SISO\_Ant1\_High\_2452





## A.5 Conducted Spurious Emission

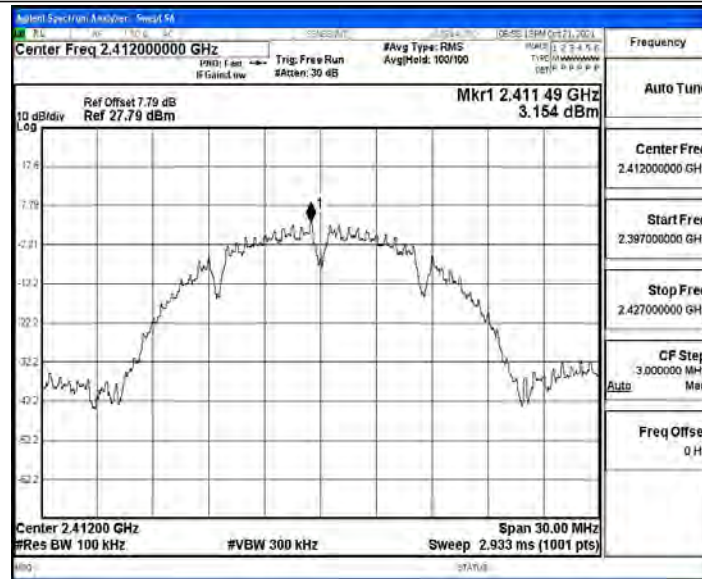
### Test Result

| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant1    | 2412    | Reference          | 3.15              | 3.15            | ---            | PASS    |
|           |         |         | 30~1000            | 3.15              | -61.7           | ≤-16.85        | PASS    |
|           |         |         | 1000~26500         | 3.15              | -46.52          | ≤-16.85        | PASS    |
|           |         | 2437    | Reference          | 2.34              | 2.34            | ---            | PASS    |
|           |         |         | 30~1000            | 2.34              | -62.13          | ≤-17.66        | PASS    |
|           |         |         | 1000~26500         | 2.34              | -47.57          | ≤-17.66        | PASS    |
|           |         | 2462    | Reference          | 1.88              | 1.88            | ---            | PASS    |
|           |         |         | 30~1000            | 1.88              | -61.92          | ≤-18.12        | PASS    |
|           |         |         | 1000~26500         | 0.33              | -47.35          | ≤-19.67        | PASS    |
| 11G       | Ant1    | 2412    | Reference          | -3.83             | -3.83           | ---            | PASS    |
|           |         |         | 30~1000            | -3.83             | -61.82          | ≤-23.83        | PASS    |
|           |         |         | 1000~26500         | -3.83             | -47.98          | ≤-23.83        | PASS    |
|           |         | 2437    | Reference          | -5.07             | -5.07           | ---            | PASS    |
|           |         |         | 30~1000            | -5.07             | -62.16          | ≤-25.07        | PASS    |
|           |         |         | 1000~26500         | -5.07             | -47.67          | ≤-25.07        | PASS    |
|           |         | 2462    | Reference          | -3.51             | -3.51           | ---            | PASS    |
|           |         |         | 30~1000            | -3.51             | -61.4           | ≤-23.51        | PASS    |
|           |         |         | 1000~26500         | -3.51             | -47.98          | ≤-23.51        | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference          | -3.08             | -3.08           | ---            | PASS    |
|           |         |         | 30~1000            | -3.08             | -62.23          | ≤-23.08        | PASS    |
|           |         |         | 1000~26500         | -3.08             | -47.91          | ≤-23.08        | PASS    |
|           |         | 2437    | Reference          | -4.48             | -4.48           | ---            | PASS    |
|           |         |         | 30~1000            | -4.48             | -61.09          | ≤-24.48        | PASS    |
|           |         |         | 1000~26500         | -4.48             | -47.37          | ≤-24.48        | PASS    |
|           |         | 2462    | Reference          | -5.80             | -5.80           | ---            | PASS    |
|           |         |         | 30~1000            | -5.80             | -61.64          | ≤-25.8         | PASS    |
|           |         |         | 1000~26500         | -5.80             | -47.57          | ≤-25.8         | PASS    |
| 11N40SISO | Ant1    | 2422    | Reference          | -7.39             | -7.39           | ---            | PASS    |
|           |         |         | 30~1000            | -7.39             | -61.79          | ≤-27.39        | PASS    |
|           |         |         | 1000~26500         | -7.39             | -47.96          | ≤-27.39        | PASS    |
|           |         | 2437    | Reference          | -8.19             | -8.19           | ---            | PASS    |
|           |         |         | 30~1000            | -8.19             | -61.71          | ≤-28.19        | PASS    |
|           |         |         | 1000~26500         | -8.19             | -47.91          | ≤-28.19        | PASS    |
|           |         | 2452    | Reference          | -7.68             | -7.68           | ---            | PASS    |
|           |         |         | 30~1000            | -7.68             | -61.87          | ≤-27.68        | PASS    |
|           |         |         | 1000~26500         | -7.68             | -47.71          | ≤-27.68        | PASS    |

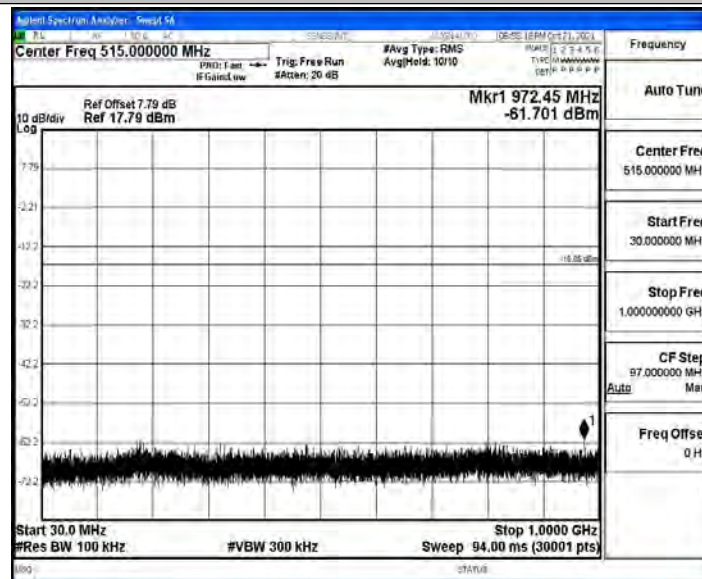


## Test Graphs

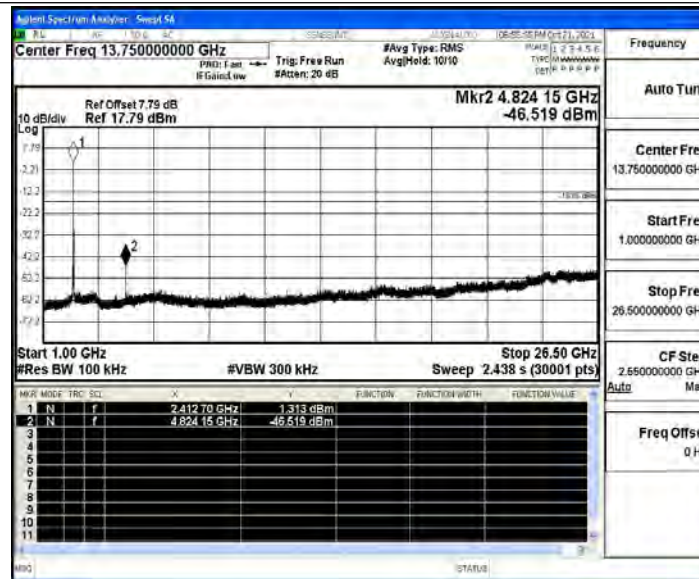
11B\_Ant1\_2412\_0~Reference



11B\_Ant1\_2412\_30~1000



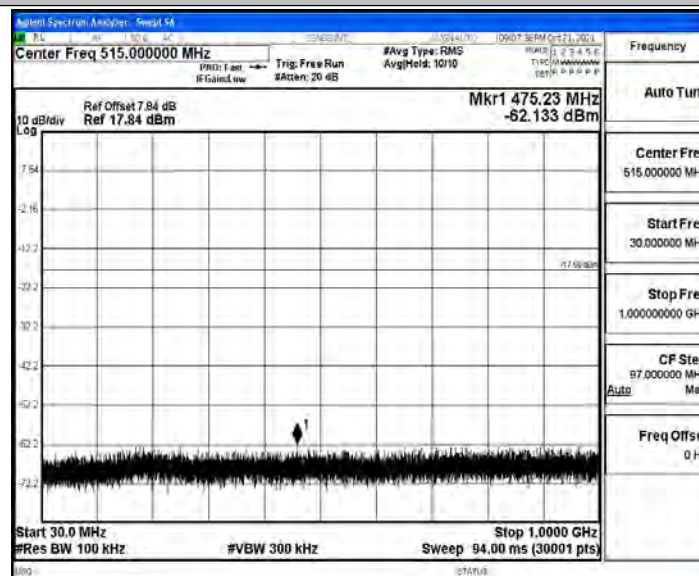
11B\_Ant1\_2412\_1000~26500



11B\_Ant1\_2437\_0~Reference

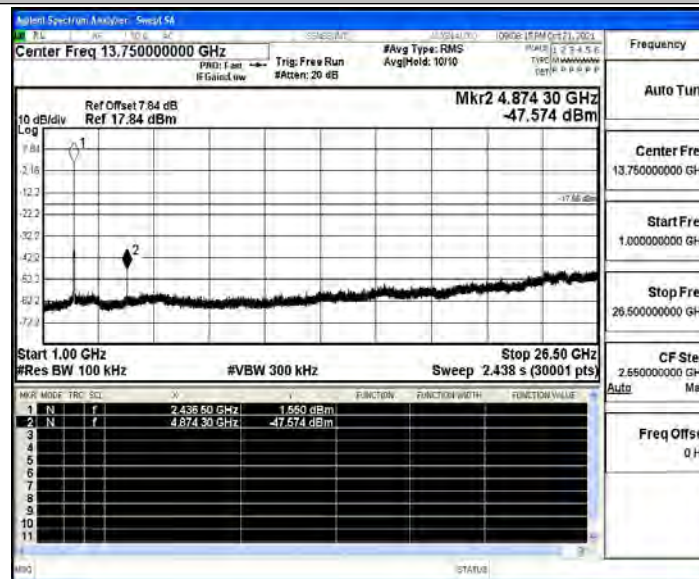


11B\_Ant1\_2437\_30~1000

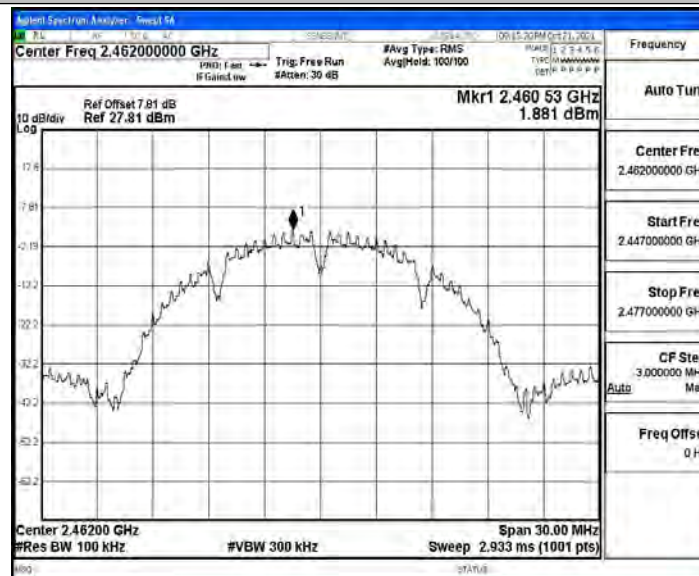




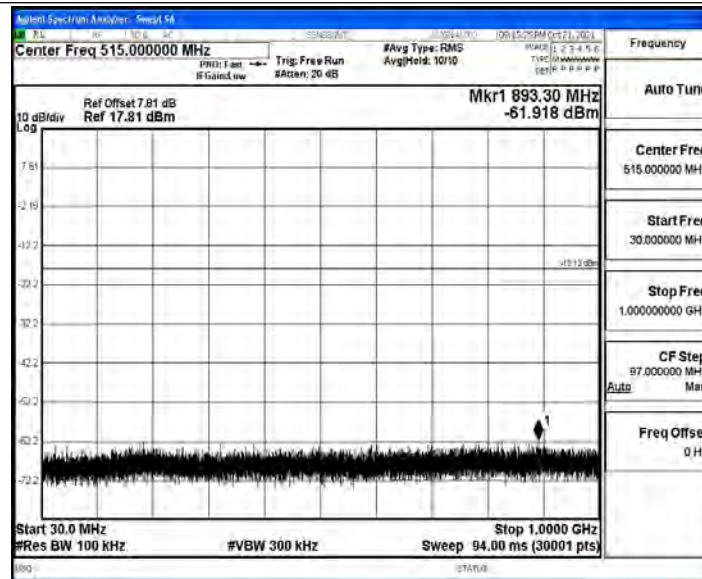
## 11B\_Ant1\_2437\_1000~26500



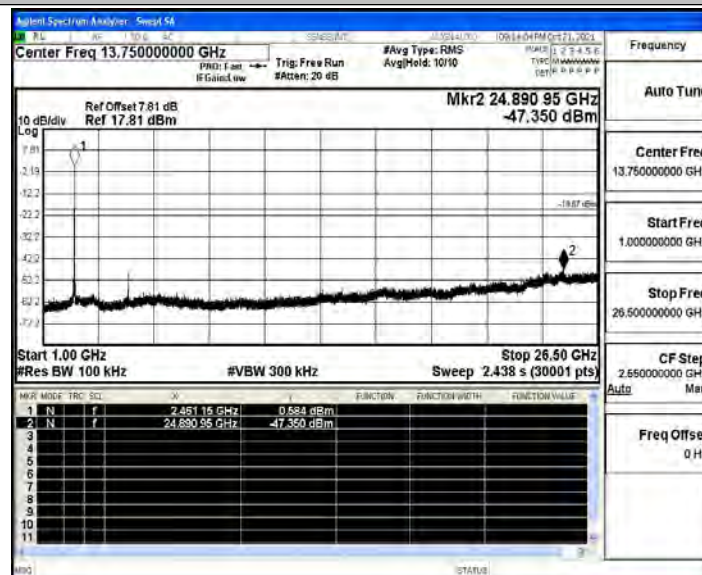
## 11B\_Ant1\_2462\_0~Reference



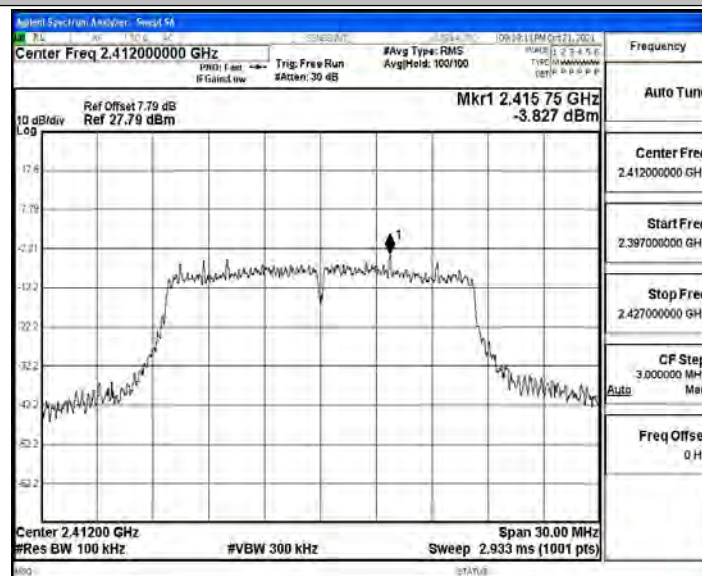
## 11B\_Ant1\_2462\_30~1000



11B\_Ant1\_2462\_1000~26500

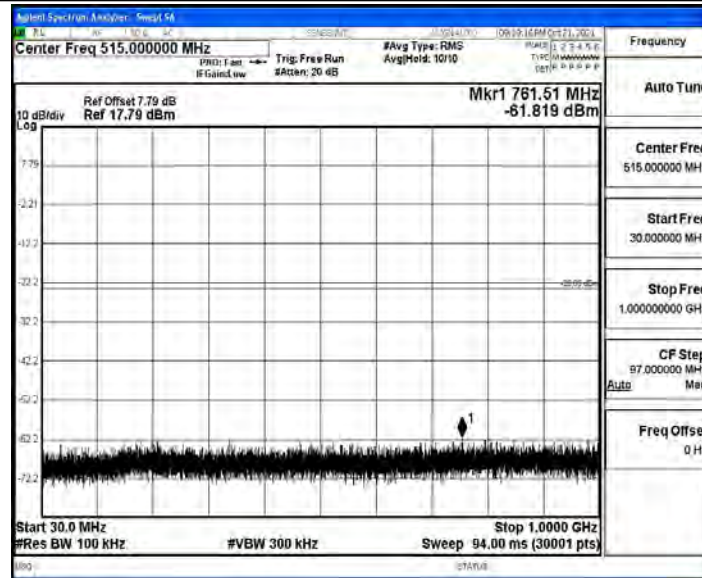


11G\_Ant1\_2412\_0~Reference

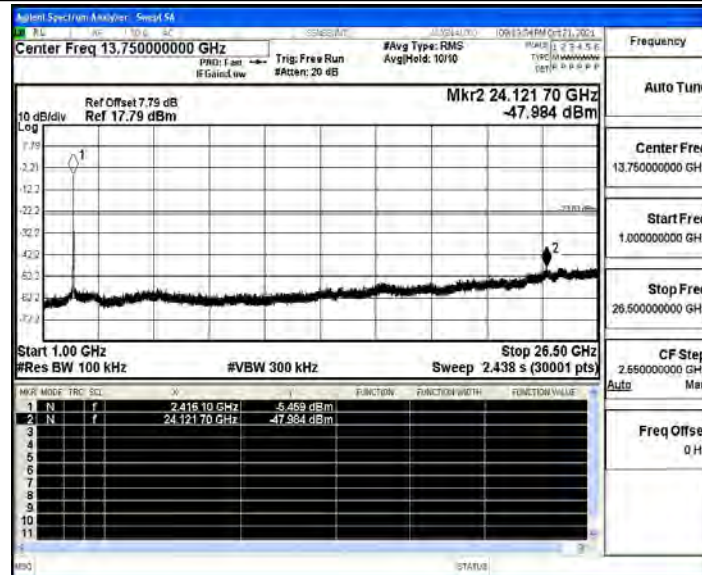




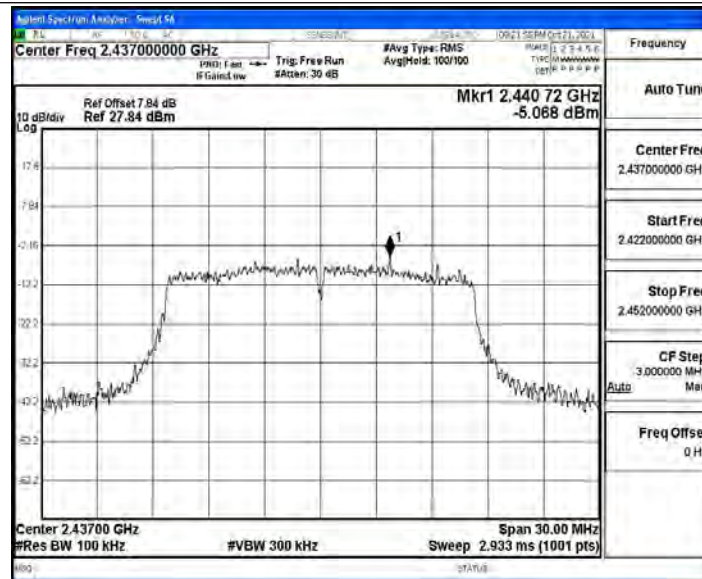
## 11G\_Ant1\_2412\_30~1000



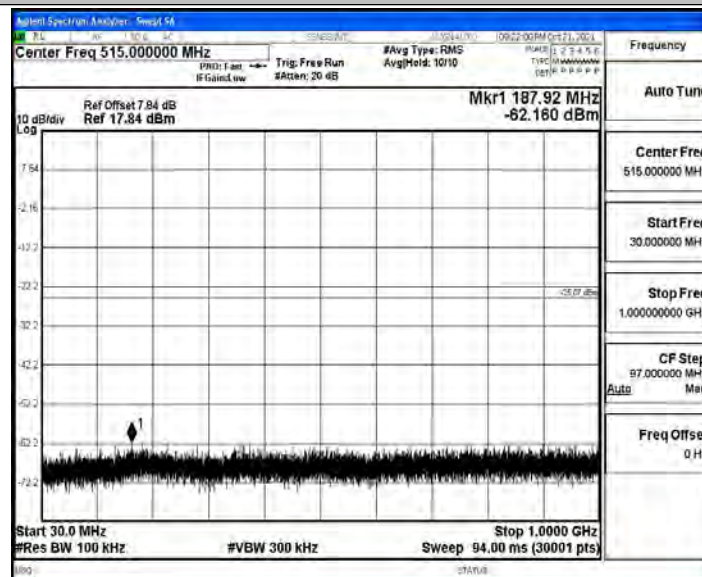
## 11G\_Ant1\_2412\_1000~26500



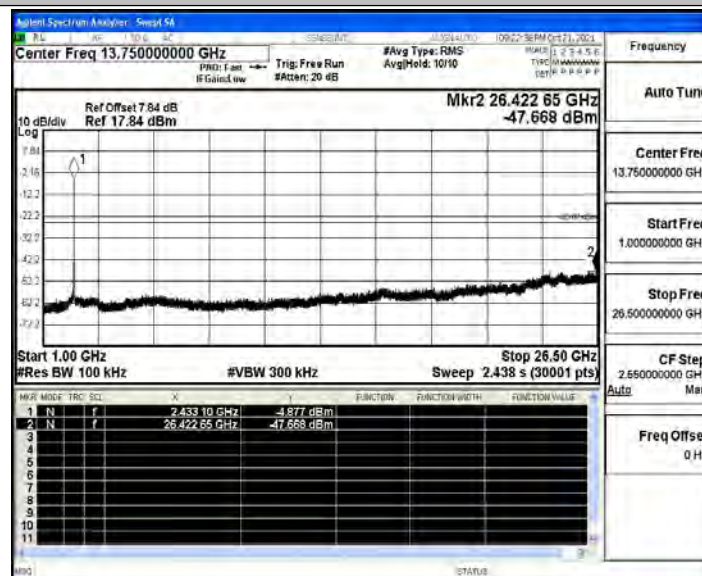
## 11G\_Ant1\_2437\_0~Reference



11G\_Ant1\_2437\_30~1000

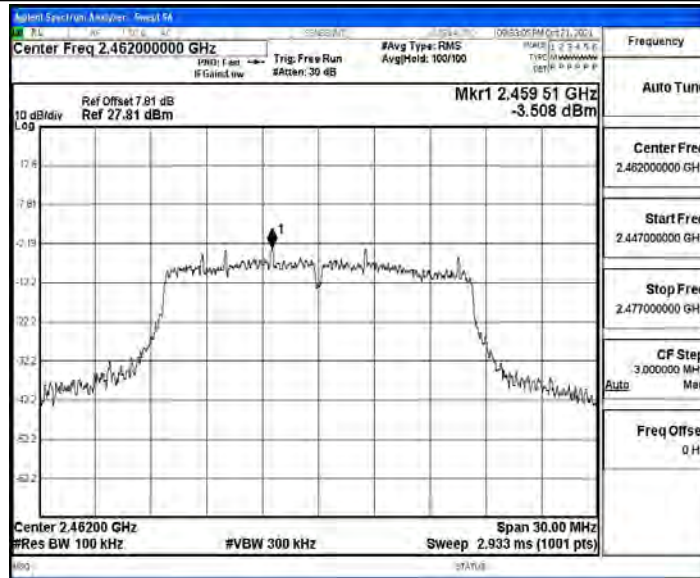


11G\_Ant1\_2437\_1000~26500

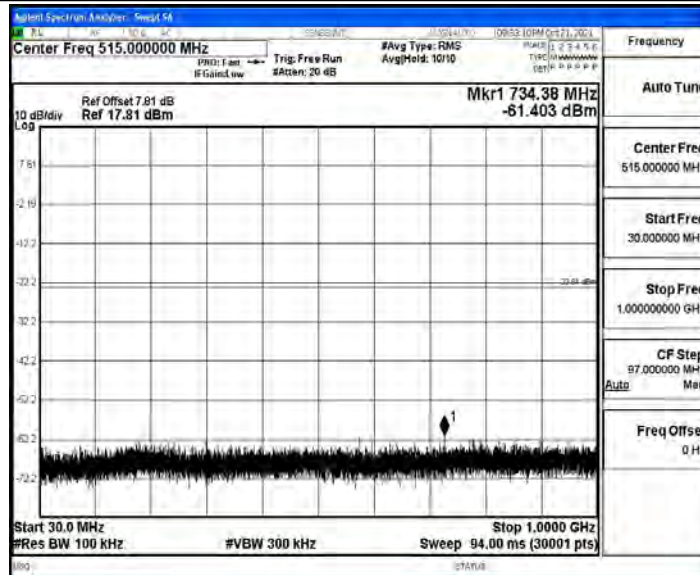




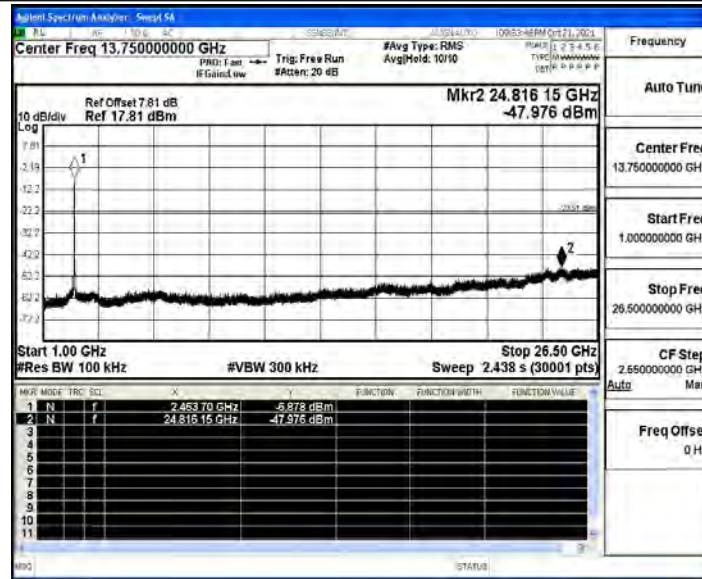
## 11G\_Ant1\_2462\_0~Reference



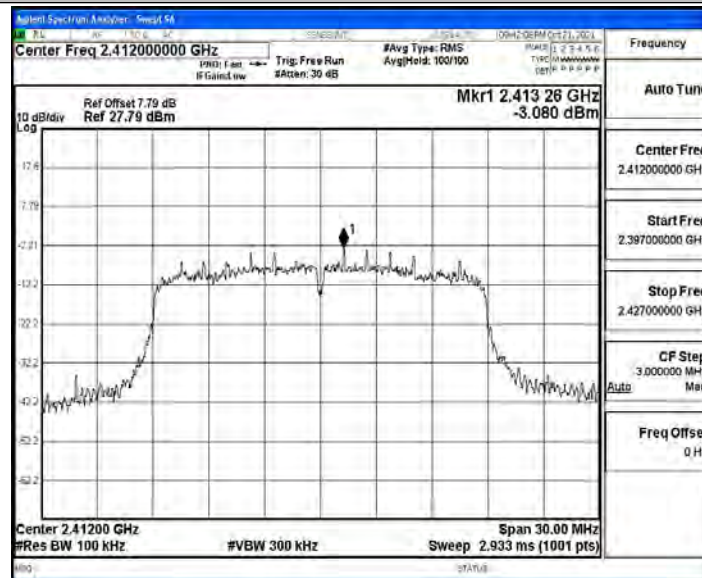
## 11G\_Ant1\_2462\_30~1000



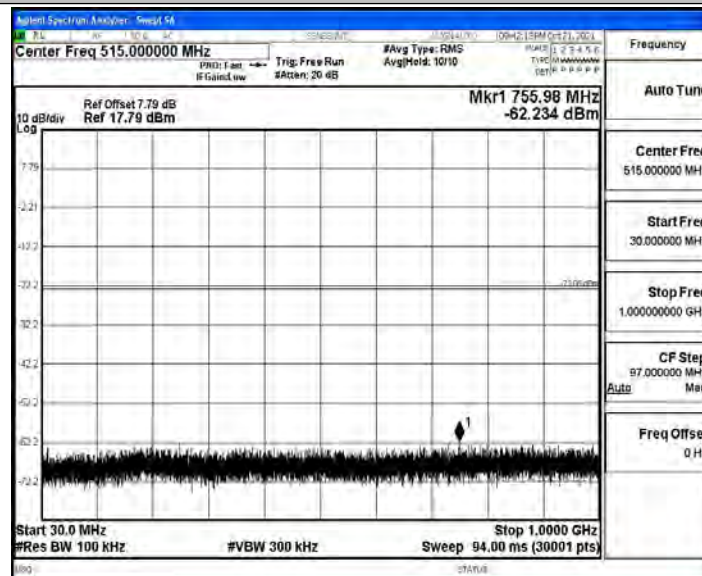
## 11G\_Ant1\_2462\_1000~26500



11N20SISO\_Ant1\_2412\_0~Reference

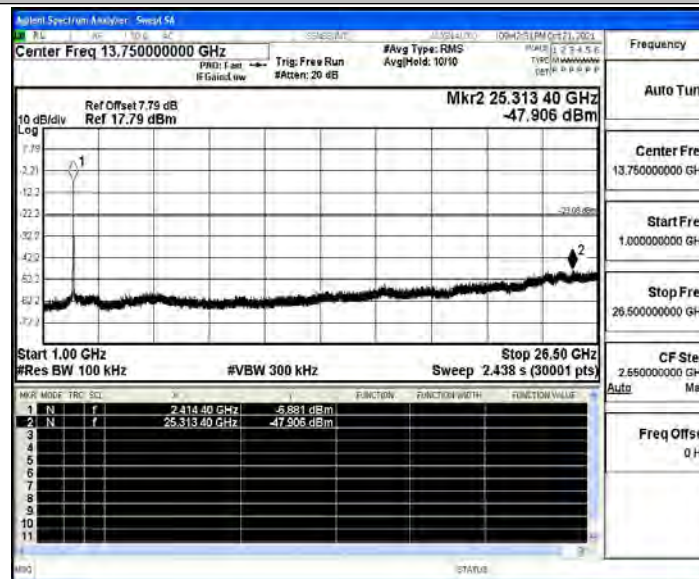


11N20SISO\_Ant1\_2412\_30~1000

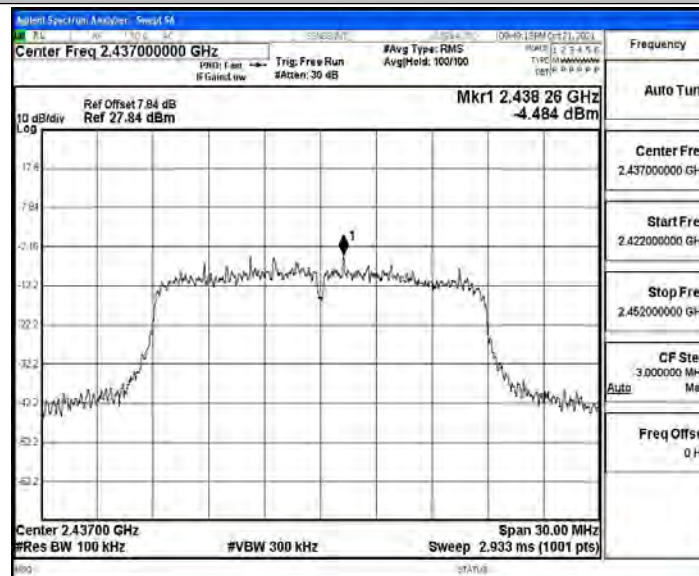




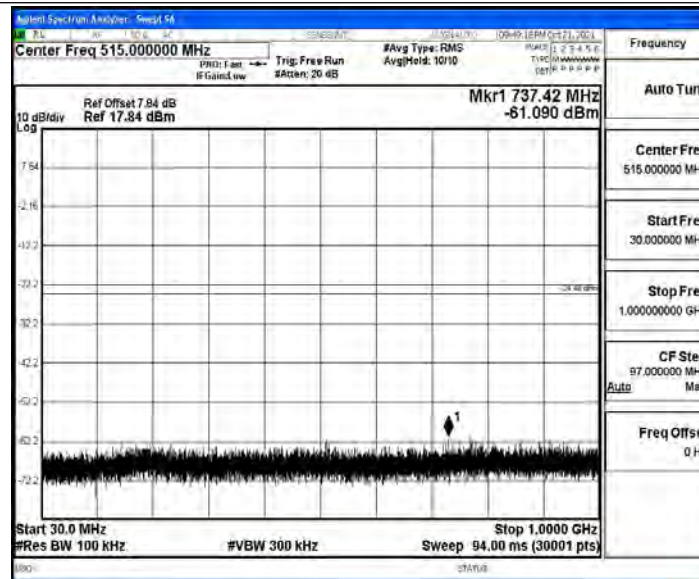
## 11N20SISO\_Ant1\_2412\_1000~26500



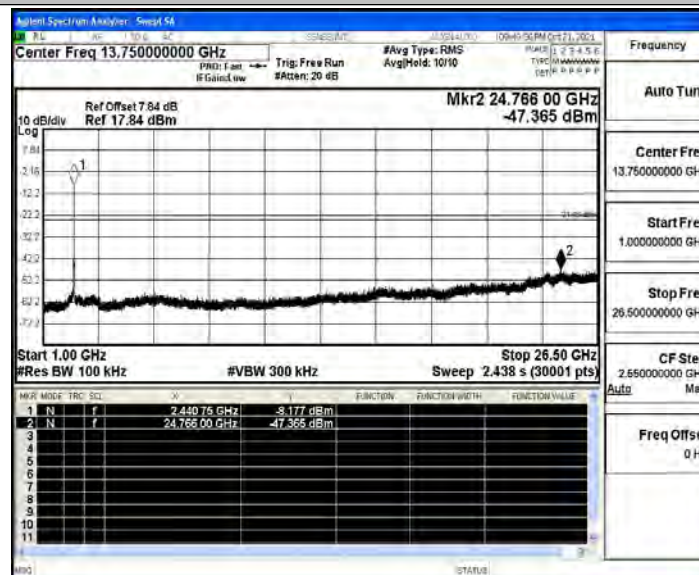
## 11N20SISO\_Ant1\_2437\_0~Reference



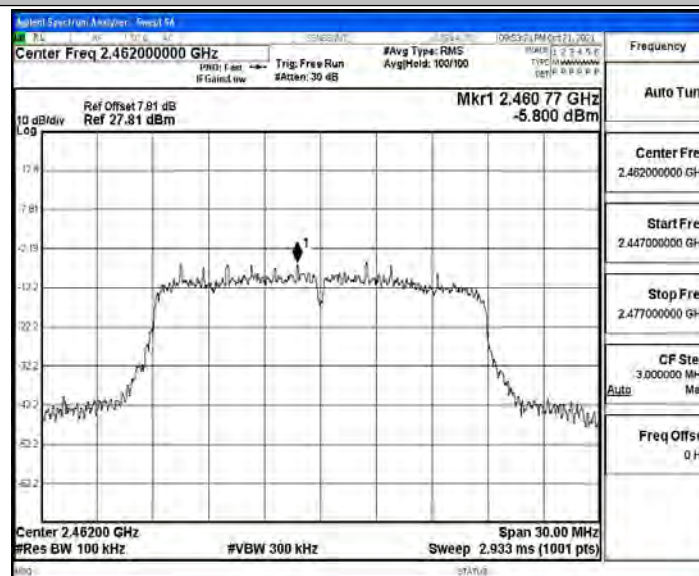
## 11N20SISO\_Ant1\_2437\_30~1000



11N20SISO\_Ant1\_2437\_1000~26500

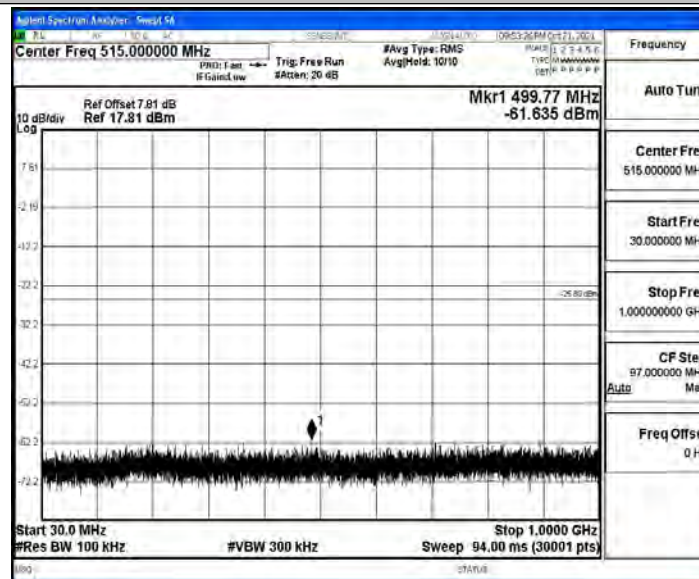


11N20SISO\_Ant1\_2462\_0~Reference

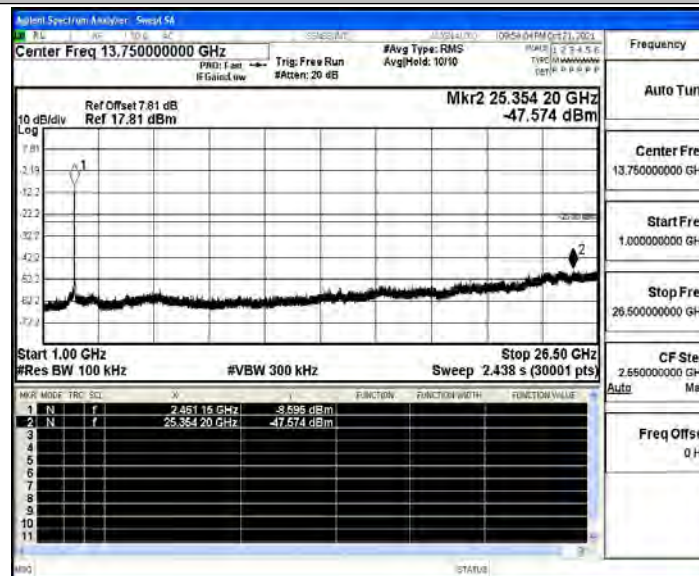




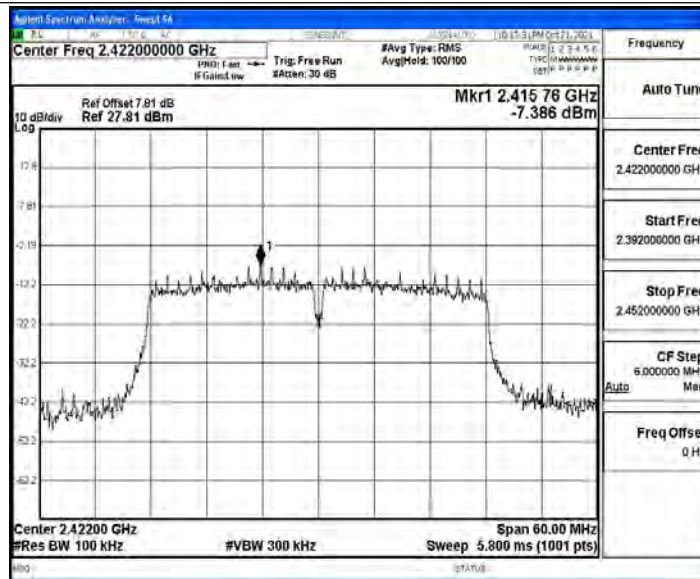
## 11N20SISO\_Ant1\_2462\_30~1000



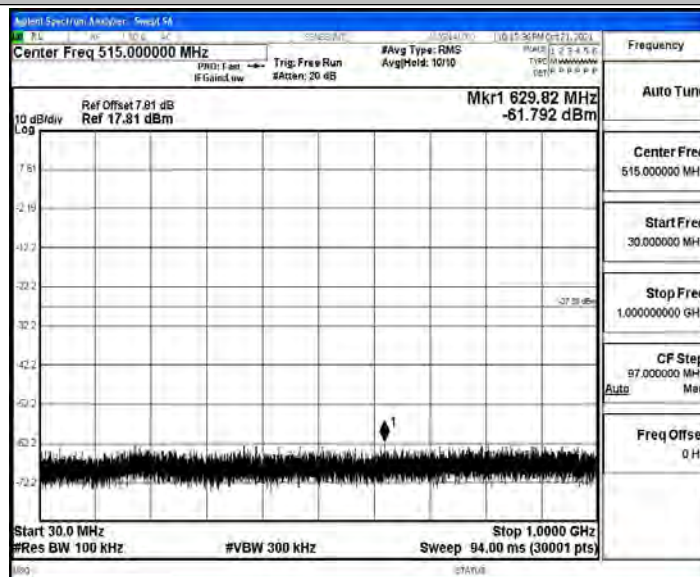
## 11N20SISO\_Ant1\_2462\_1000~26500



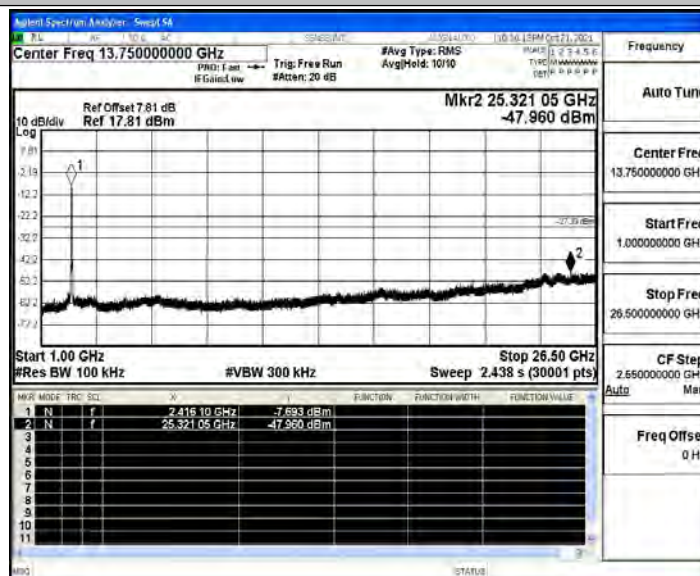
## 11N40SISO\_Ant1\_2422\_0~Reference



11N40SISO\_Ant1\_2422\_30~1000

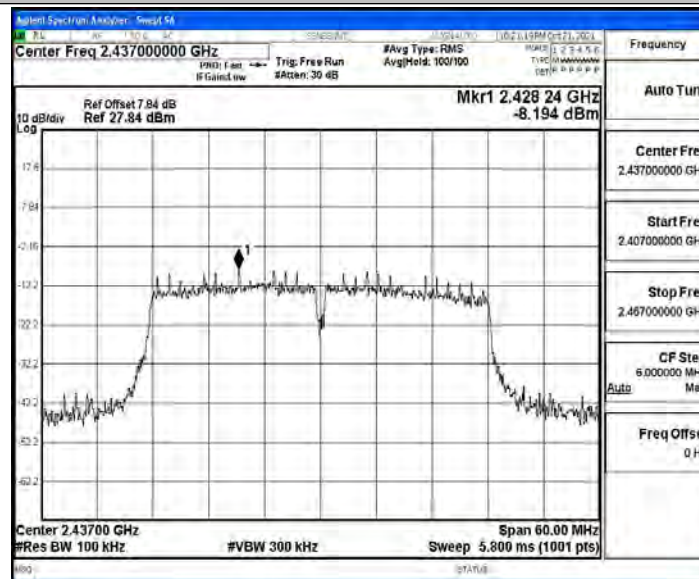


11N40SISO\_Ant1\_2422\_1000~26500

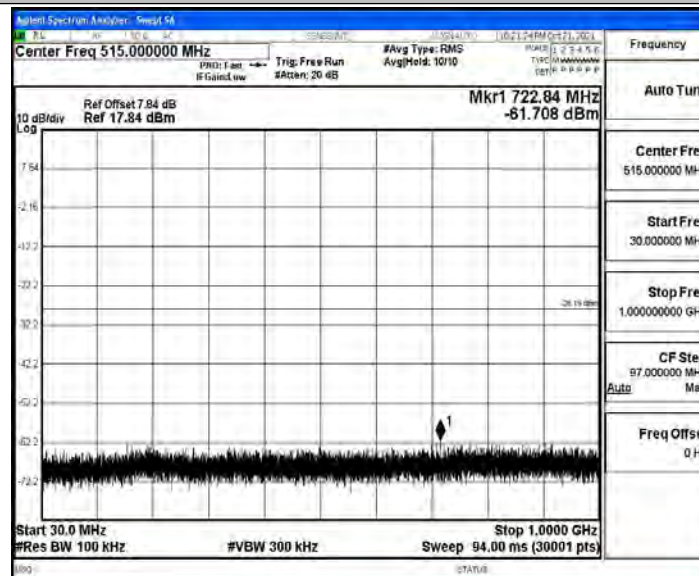




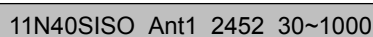
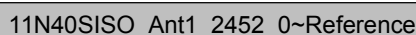
## 11N40SISO\_Ant1\_2437\_0~Reference



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

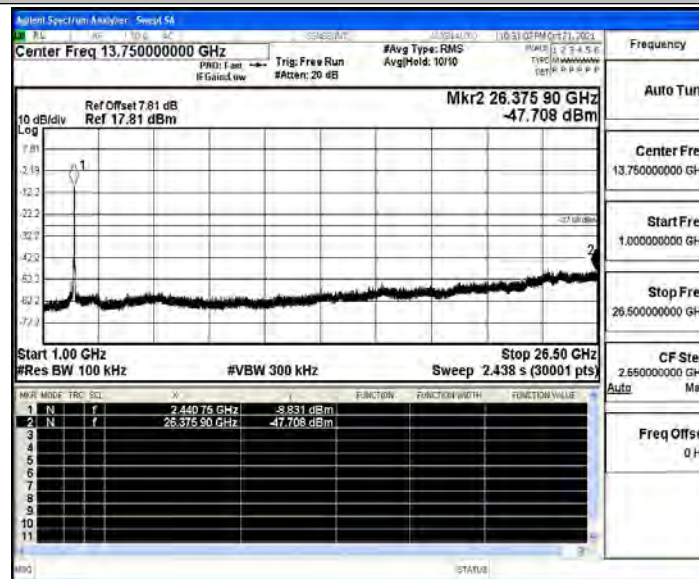


## 11N40SISO\_Ant1\_2437\_1000~26500





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





## A.6 Duty Cycle

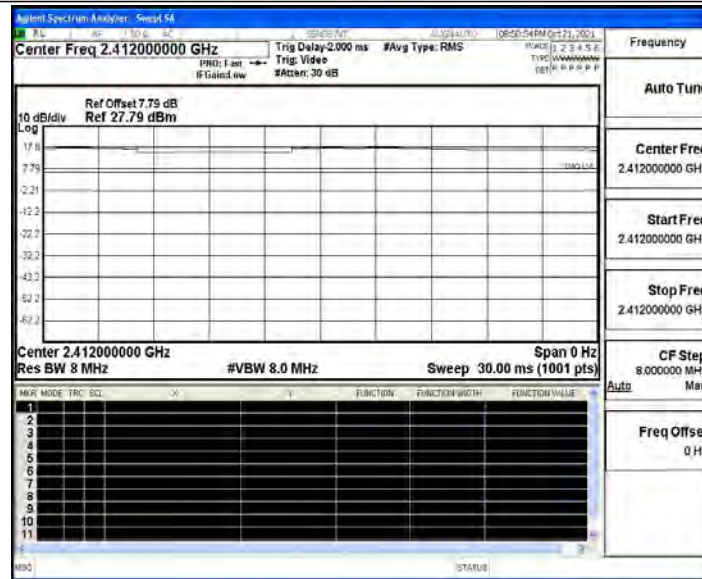
### Test Result

| 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    | 2.79                       | 2.81                     | 99.29          | ---   | PASS    |
|           |         | 2437    | 2.79                       | 2.81                     | 99.29          | ---   | PASS    |
|           |         | 2462    | 7.01                       | 7.03                     | 99.72          | ---   | PASS    |
| 11N20SISO | Ant1    | 2412    | 2.61                       | 2.63                     | 99.24          | ---   | PASS    |
|           |         | 2437    | 2.61                       | 2.63                     | 99.24          | ---   | PASS    |
|           |         | 2462    | 3.92                       | 3.94                     | 99.49          | ---   | PASS    |
| 11N40SISO | Ant1    | 2422    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2437    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |
|           |         | 2452    | 30.00                      | 30.00                    | 100.00         | ---   | PASS    |

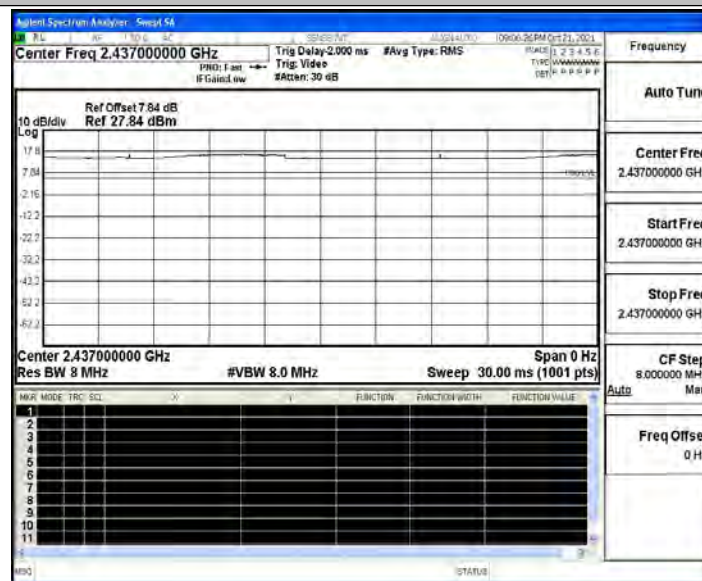


## Test Graphs

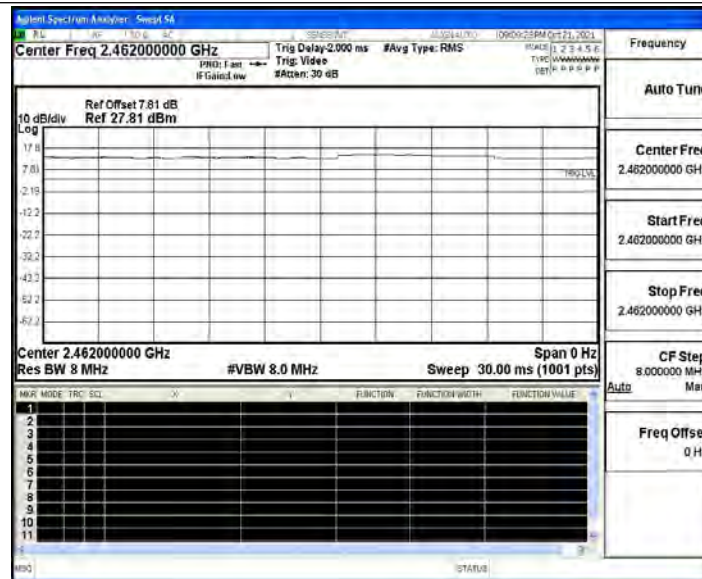
11B\_Ant1\_2412



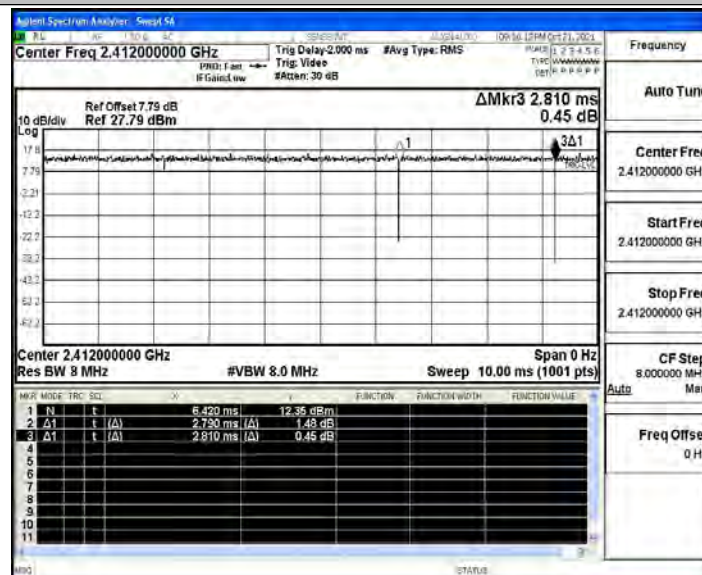
11B\_Ant1\_2437



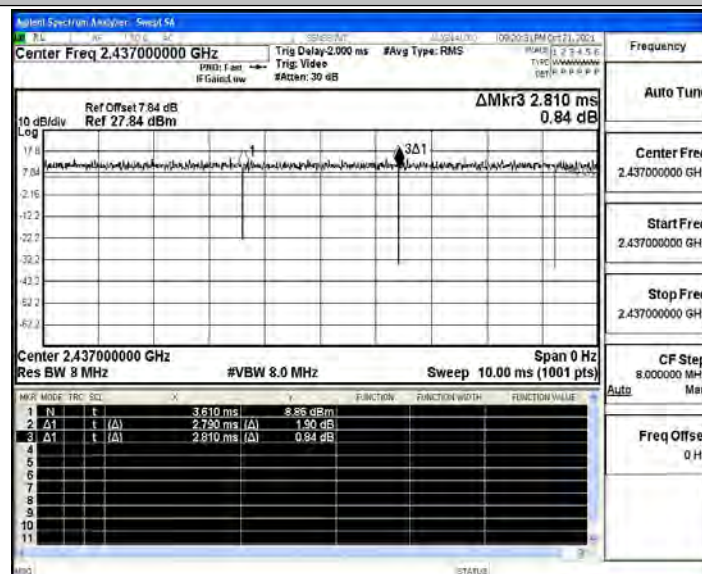
11B\_Ant1\_2462



11G\_Ant1\_2412

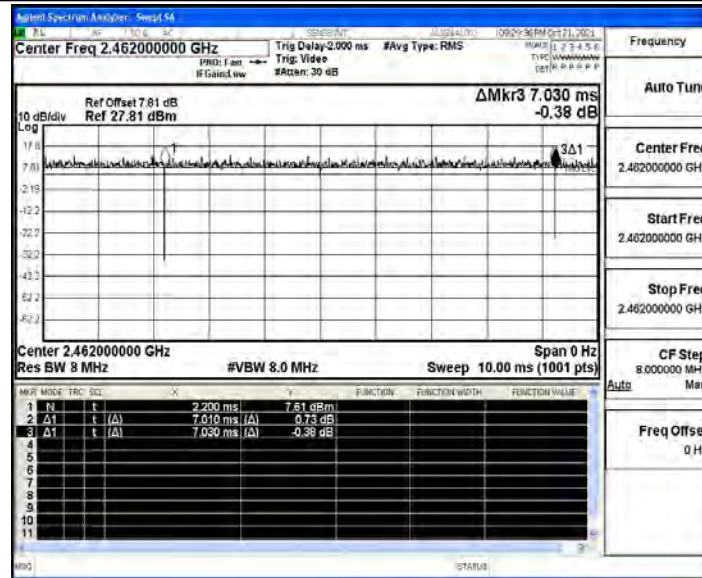


11G\_Ant1\_2437

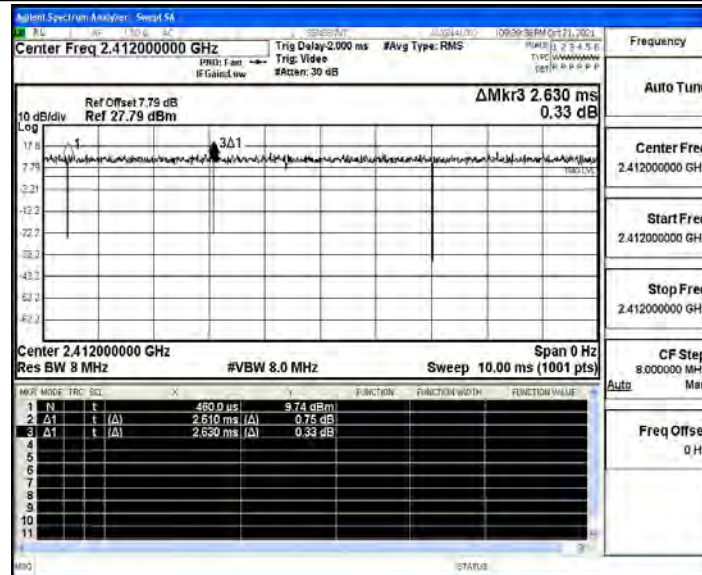




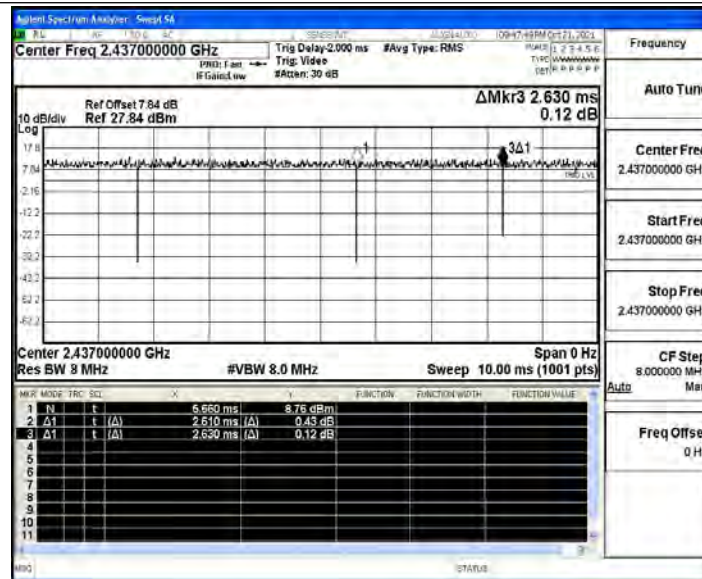
## 11G\_Ant1\_2462



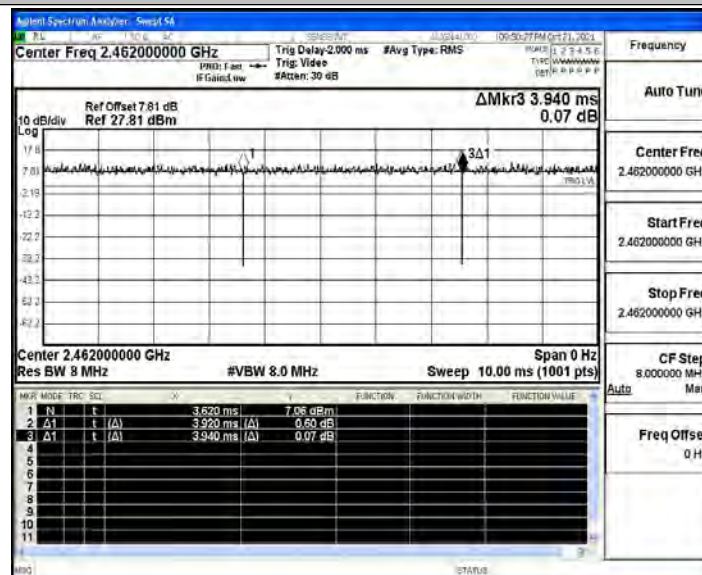
## 11N20SISO\_Ant1\_2412



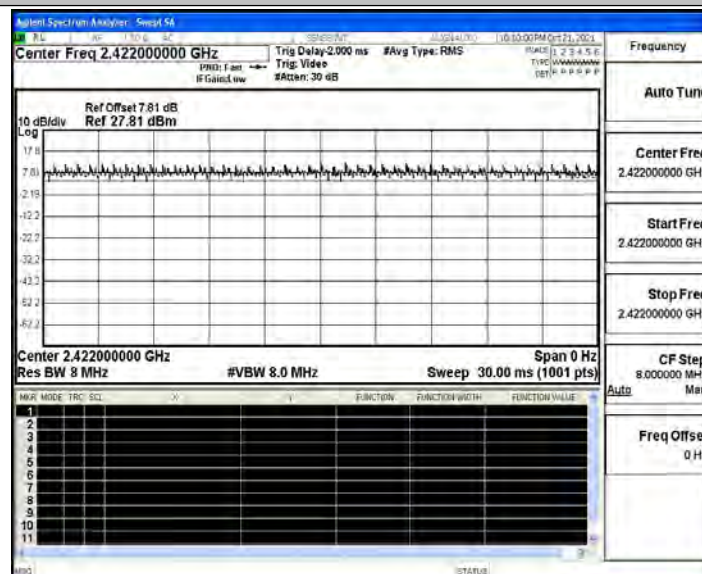
## 11N20SISO\_Ant1\_2437

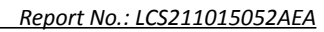


11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422





The screenshot displays a Vector Signal Analyzer (VSA) interface with the following components:

- Top Bar:** Instrument: Spectrum Analyzer; Serial: 54
- Frequency Section:**
  - Center Freq: 2.437000000 GHz
  - Span: 0 Hz
  - Res BW: 8 MHz
  - #VBW: 8.0 MHz
  - Sweep: 30.00 ms (1001 pts)
- Measurement Parameters:**
  - Trig Delay: 2.000 ms
  - #Avg Type: RMS
  - Trig: Video
  - IF Gain: 1.00
  - #Actn: 30 dB
  - Ref Offset: 7.84 dB
  - Ref: 27.84 dBm
- Plot Area:** A spectrum plot showing a flat noise floor at approximately -120 dBm across the entire span.
- Right Panel:**
  - Frequency: (blank)
  - Auto Tun: (blank)
  - Center Freq: 2.437000000 GHz
  - Start Freq: 2.437000000 GHz
  - Stop Freq: 2.437000000 GHz
  - CF Step: 8.000000 MHz
  - Auto: (checked)
  - Me: (blank)
  - Freq Offset: 0 Hz
- Bottom Panel:** A table with columns: MNR, MODE, TRG, SCL, FUNCTION, FUNCTION WIDTH, and FUNCTION VALUE. The table contains 11 rows of data, all of which are empty.

[illegible]



## 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       | -49.37          | ≤-41.20        | 45.83              | ≤54               | PASS    |
|               |         |        |         | AV       | 2386.190       | -44.97          | ≤-41.20        | 50.23              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -47.4           | ≤-41.20        | 47.80              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -44.31          | ≤-21.20        | 50.89              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2386.060       | -38.04          | ≤-21.20        | 57.16              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -41.31          | ≤-21.20        | 53.89              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -47.51          | ≤-41.20        | 47.69              | ≤54               | PASS    |
|               |         |        |         | AV       | 2487.520       | -45.58          | ≤-41.20        | 49.62              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -48.33          | ≤-41.20        | 46.87              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -44.19          | ≤-21.20        | 51.01              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2492.690       | -38.71          | ≤-21.20        | 56.49              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -42.71          | ≤-21.20        | 52.49              | ≤74               | PASS    |
| 11G           | Ant1    | Low    | 2412    | AV       | 2310.000       | -48.94          | ≤-41.20        | 46.26              | ≤54               | PASS    |
|               |         |        |         | AV       | 2389.960       | -44.31          | ≤-41.20        | 50.89              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -44.31          | ≤-41.20        | 50.89              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -43.59          | ≤-21.20        | 51.61              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2389.830       | -35.3           | ≤-21.20        | 59.90              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -39.52          | ≤-21.20        | 55.68              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -44.09          | ≤-41.20        | 51.11              | ≤54               | PASS    |
|               |         |        |         | AV       | 2483.560       | -44.15          | ≤-41.20        | 51.05              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -48.03          | ≤-41.20        | 47.17              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -39.24          | ≤-21.20        | 55.96              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2483.560       | -32.53          | ≤-21.20        | 62.67              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -42.91          | ≤-21.20        | 52.29              | ≤74               | PASS    |
| 11N20SI<br>SO | Ant1    | Low    | 2412    | AV       | 2310.000       | -48.88          | ≤-41.20        | 46.32              | ≤54               | PASS    |
|               |         |        |         | AV       | 2389.960       | -44.09          | ≤-41.20        | 51.11              | ≤54               | PASS    |
|               |         |        |         | AV       | 2390.000       | -44.09          | ≤-41.20        | 51.11              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2310.000       | -41.82          | ≤-21.20        | 53.38              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2388.660       | -34.11          | ≤-21.20        | 61.09              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2390.000       | -36.05          | ≤-21.20        | 59.15              | ≤74               | PASS    |
|               |         | High   | 2462    | AV       | 2483.500       | -46.05          | ≤-41.20        | 49.15              | ≤54               | PASS    |
|               |         |        |         | AV       | 2483.560       | -46.14          | ≤-41.20        | 49.06              | ≤54               | PASS    |
|               |         |        |         | AV       | 2500.000       | -48.13          | ≤-41.20        | 47.07              | ≤54               | PASS    |
|               |         |        |         | Peak     | 2483.500       | -40.59          | ≤-21.20        | 54.61              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2486.420       | -37.78          | ≤-21.20        | 57.42              | ≤74               | PASS    |
|               |         |        |         | Peak     | 2500.000       | -43.25          | ≤-21.20        | 51.95              | ≤74               | PASS    |
| 11N40SI       | Ant1    | Low    | 2422    | AV       | 2310.000       | -49.15          | ≤-41.20        | 46.05              | ≤54               | PASS    |



|    |  |      |      |      |          |        |               |       |           |      |
|----|--|------|------|------|----------|--------|---------------|-------|-----------|------|
| SO |  |      |      | AV   | 2389.960 | -42.43 | $\leq -41.20$ | 52.77 | $\leq 54$ | PASS |
|    |  |      |      | AV   | 2390.000 | -42.43 | $\leq -41.20$ | 52.77 | $\leq 54$ | PASS |
|    |  |      |      | Peak | 2310.000 | -44.47 | $\leq -21.20$ | 50.73 | $\leq 74$ | PASS |
|    |  |      |      | Peak | 2385.540 | -30.54 | $\leq -21.20$ | 64.66 | $\leq 74$ | PASS |
|    |  |      |      | Peak | 2390.000 | -37.05 | $\leq -21.20$ | 58.15 | $\leq 74$ | PASS |
|    |  | High | 2452 | AV   | 2483.500 | -42.93 | $\leq -41.20$ | 52.27 | $\leq 54$ | PASS |
|    |  |      |      | AV   | 2483.560 | -42.94 | $\leq -41.20$ | 52.26 | $\leq 54$ | PASS |
|    |  |      |      | AV   | 2500.000 | -47.63 | $\leq -41.20$ | 47.57 | $\leq 54$ | PASS |
|    |  |      |      | Peak | 2483.500 | -39.24 | $\leq -21.20$ | 55.96 | $\leq 74$ | PASS |
|    |  |      |      | Peak | 2484.440 | -35.35 | $\leq -21.20$ | 59.85 | $\leq 74$ | PASS |
|    |  |      |      | Peak | 2500.000 | -42.48 | $\leq -21.20$ | 52.72 | $\leq 74$ | PASS |

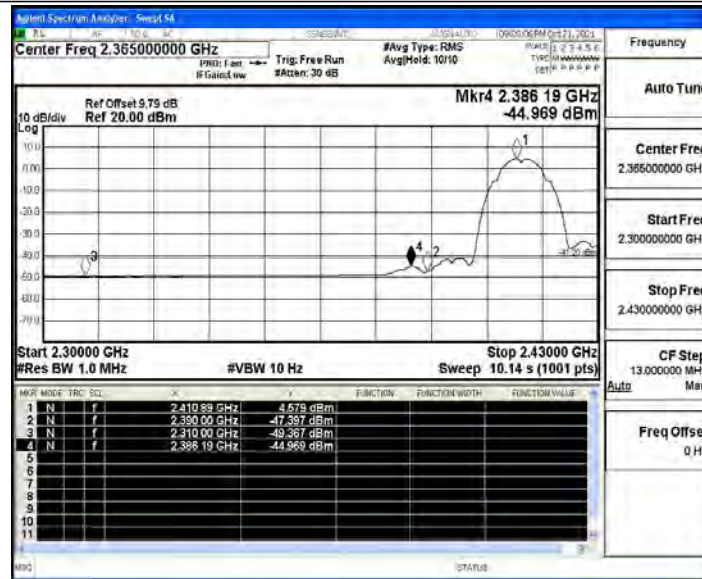
## Note:

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.

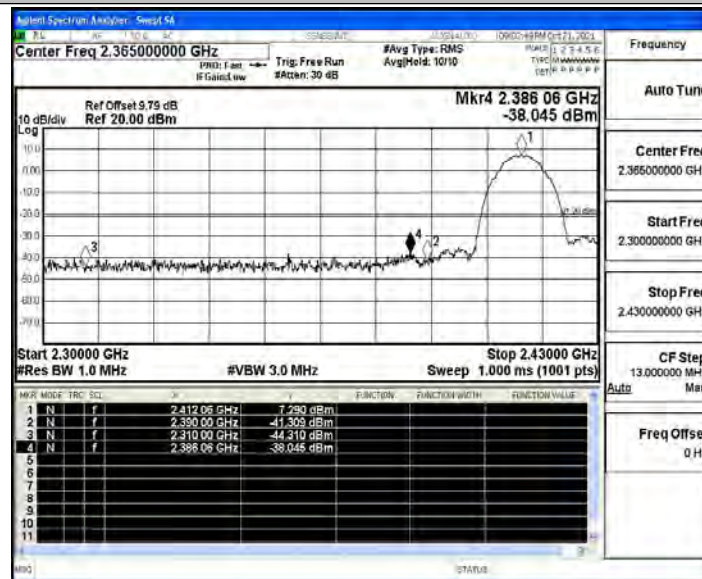


## Test Graphs

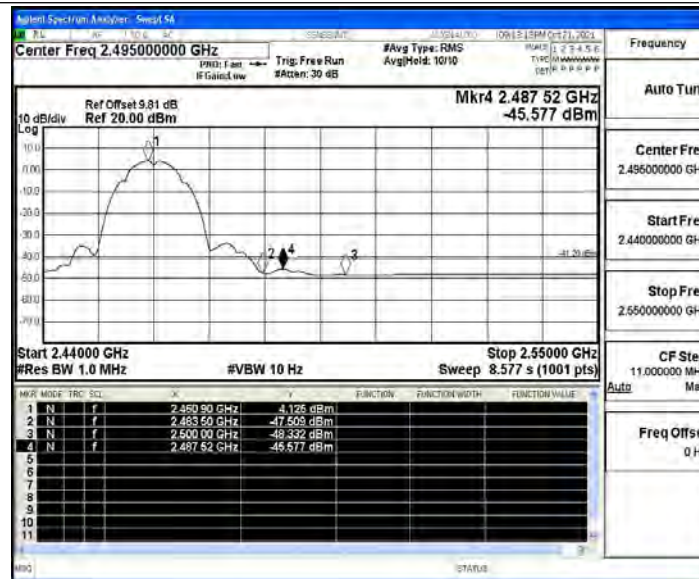
11B\_Ant1\_Low\_2412\_AV



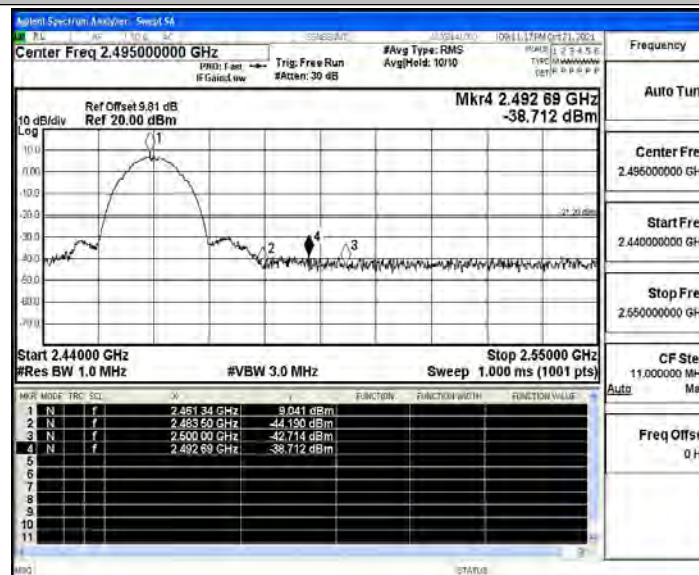
11B\_Ant1\_Low\_2412\_Peak



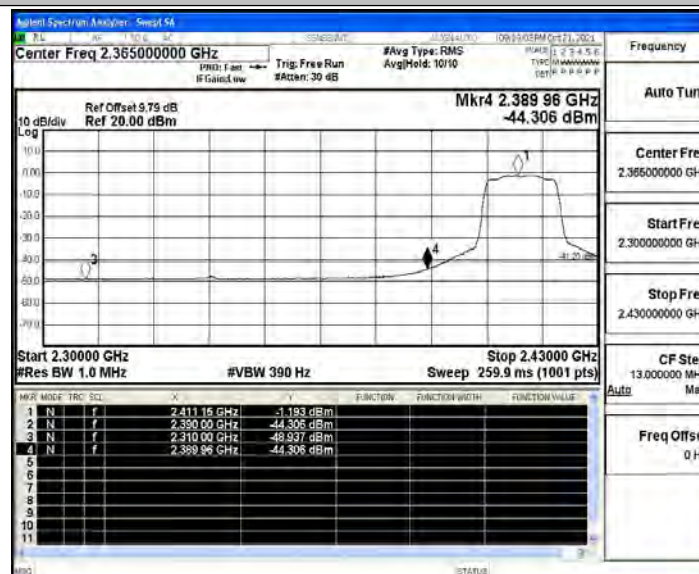
11B\_Ant1\_High\_2462\_AV



11B\_Ant1\_High\_2462\_Peak

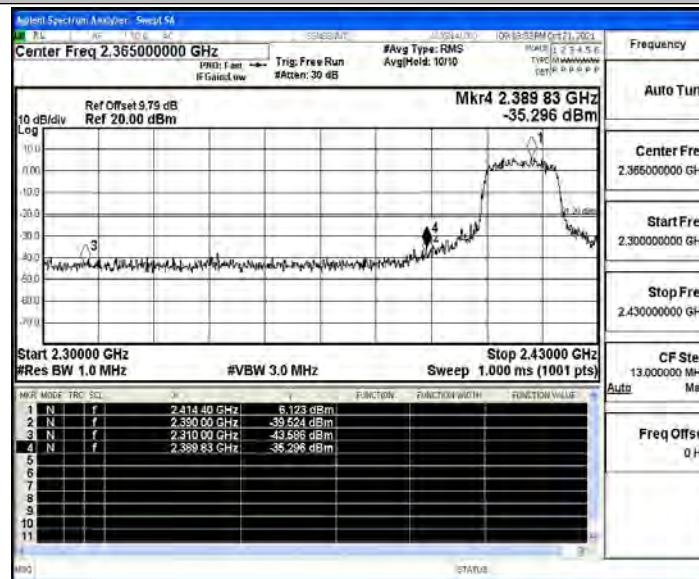


11G\_Ant1\_Low\_2412\_AV

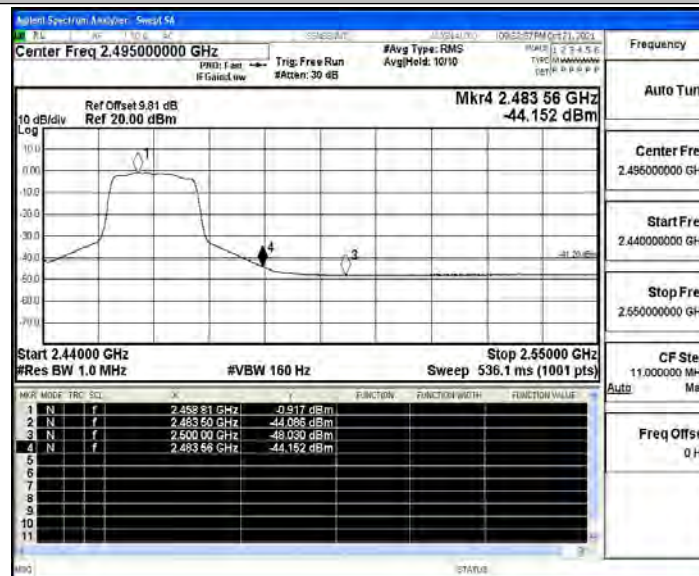




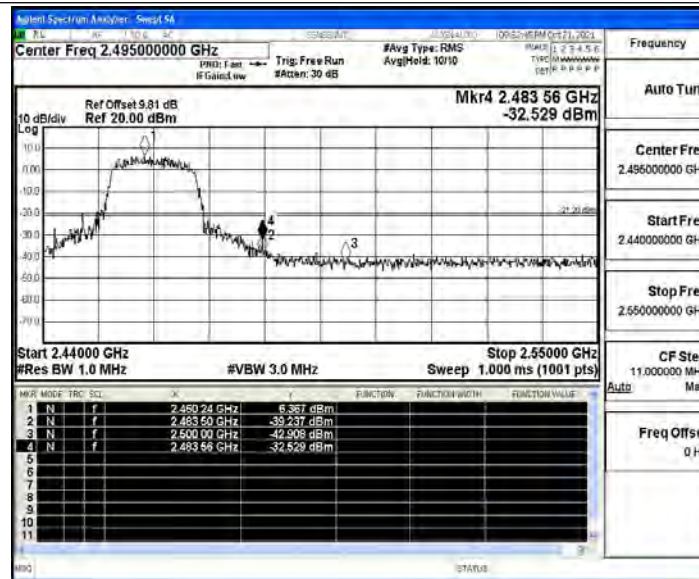
## 11G\_Ant1\_Low\_2412\_Peak



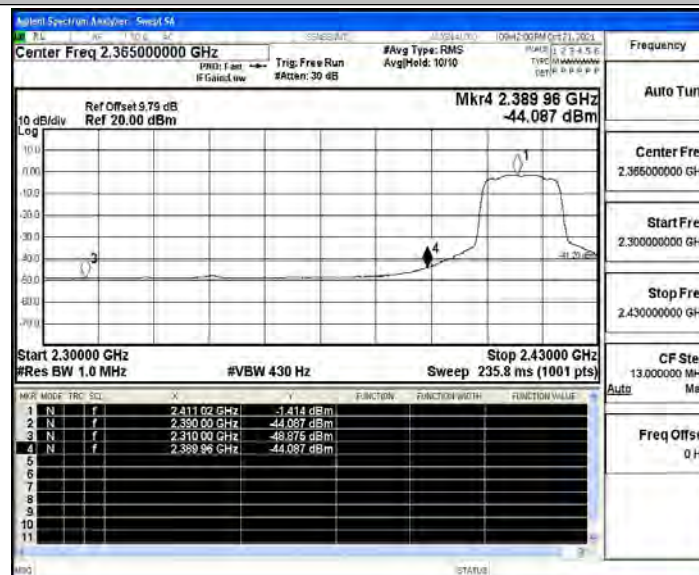
## 11G\_Ant1\_High\_2462\_AV



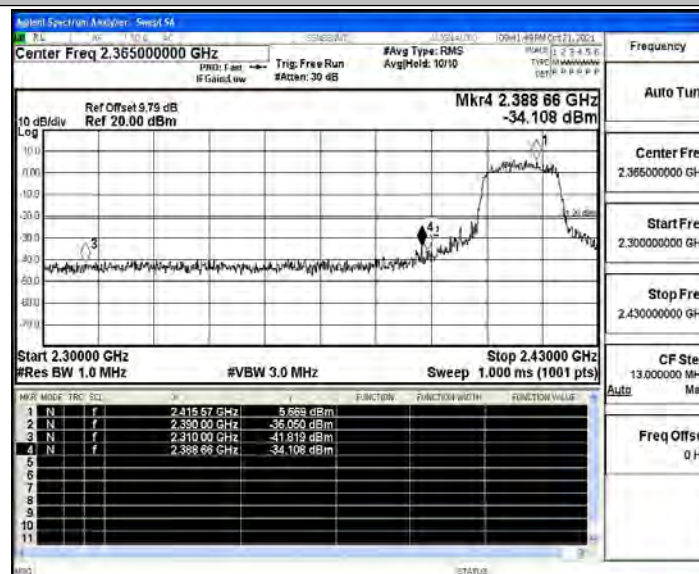
## 11G\_Ant1\_High\_2462\_Peak



11N20SISO\_Ant1\_Low\_2412\_AV

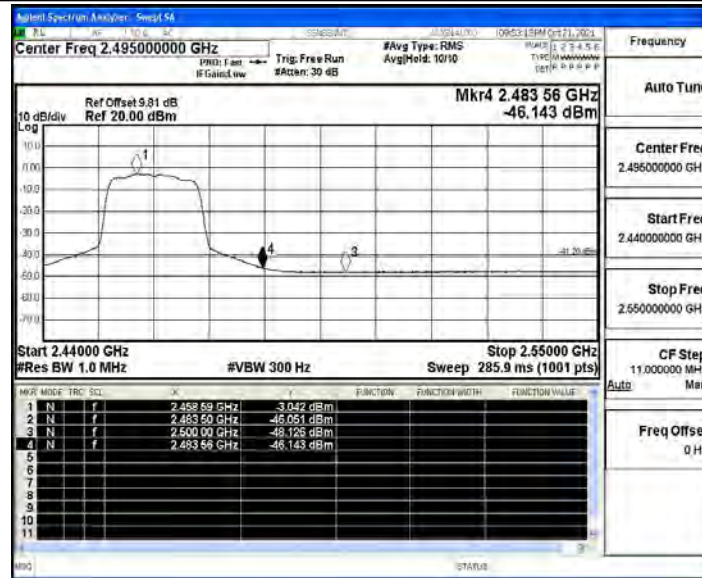


11N20SISO\_Ant1\_Low\_2412\_Peak

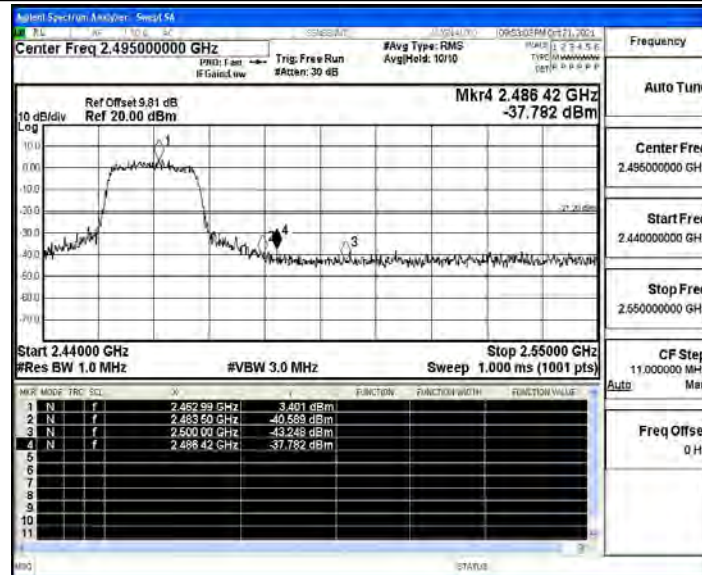




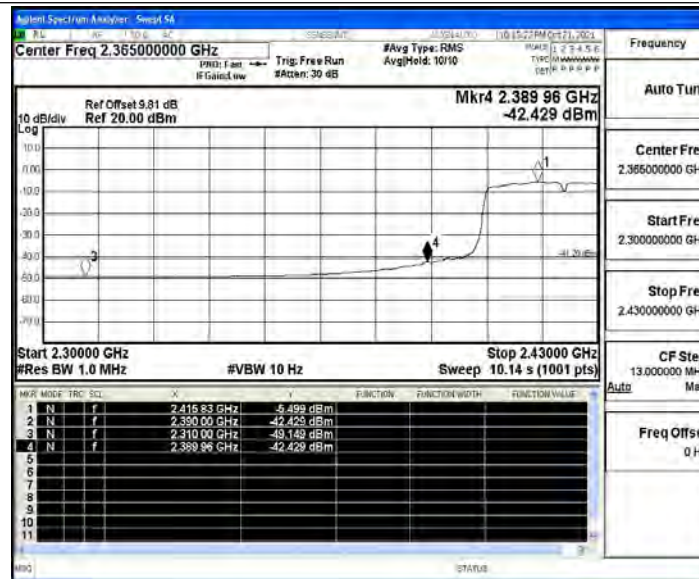
## 11N20SISO\_Ant1\_High\_2462\_AV



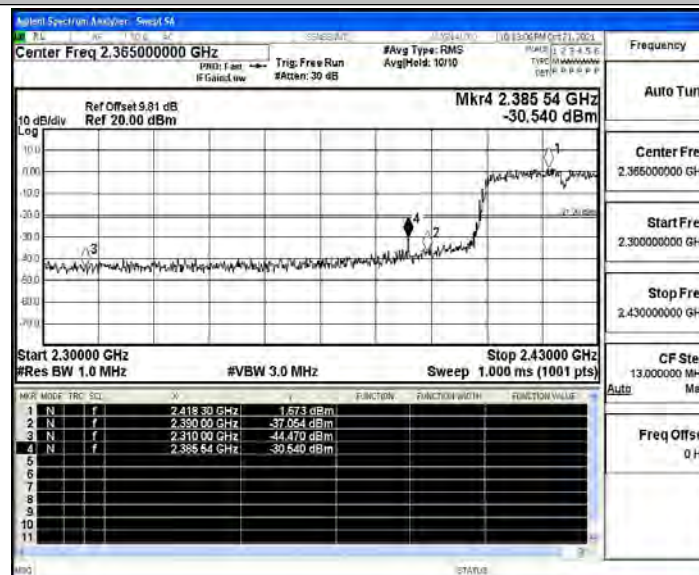
## 11N20SISO\_Ant1\_High\_2462\_Peak



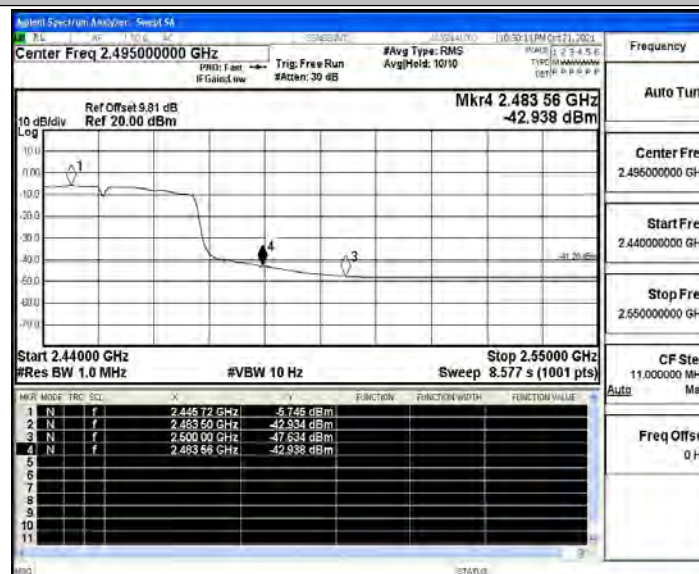
## 11N40SISO\_Ant1\_Low\_2422\_AV



11N40SISO\_Ant1\_Low\_2422\_Peak



11N40SISO\_Ant1\_High\_2452\_AV





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

