



## Appendix C

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

Product Name: Mini PC

Test Model: CK10

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 22.3° C   |
| Relative Humidity: | 53.1%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Kay Hu    |
| Supervised by:     | Li Huan   |

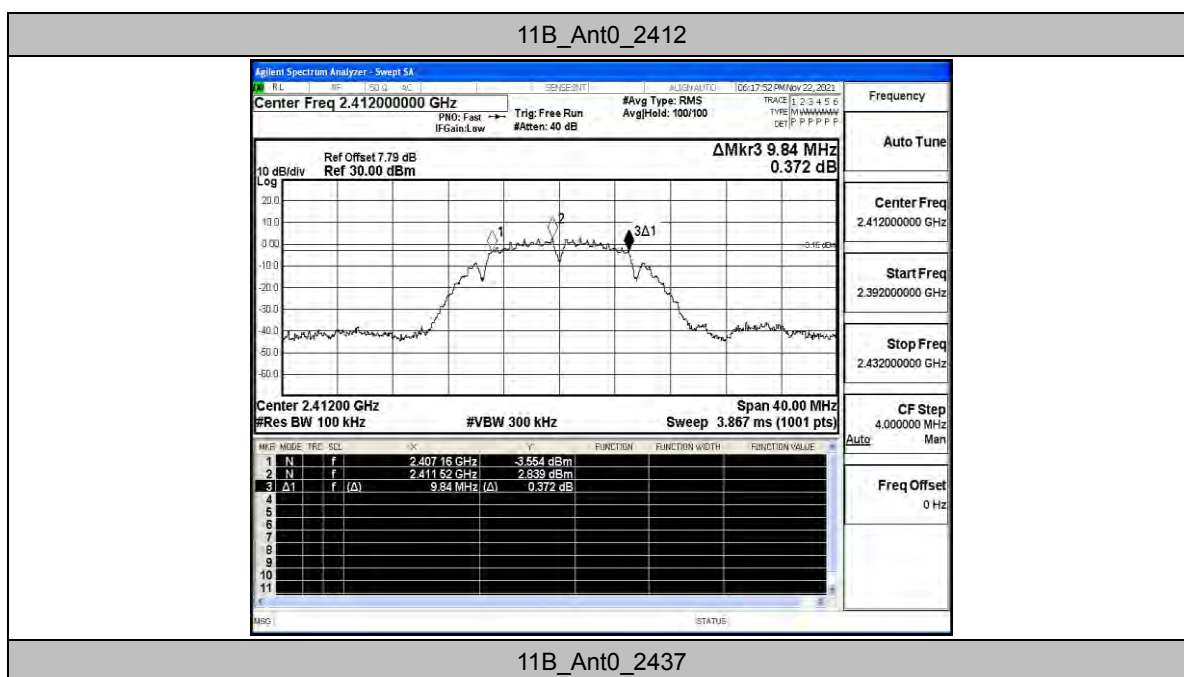


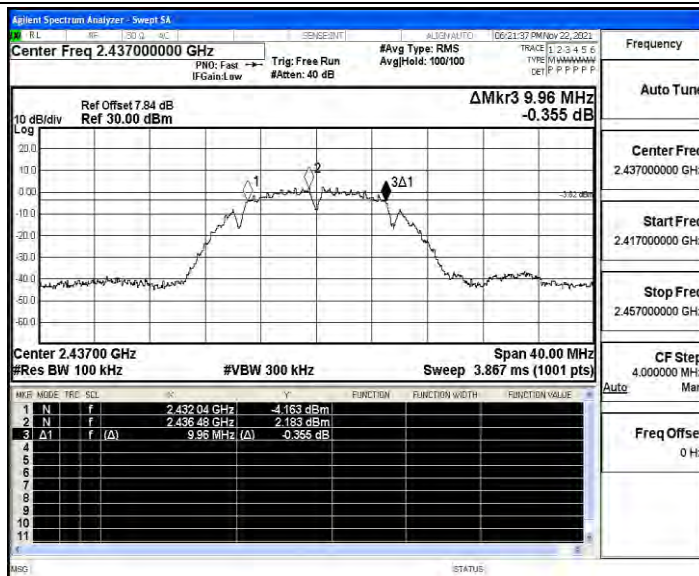
## C.1 6dB Bandwidth

### Test Result

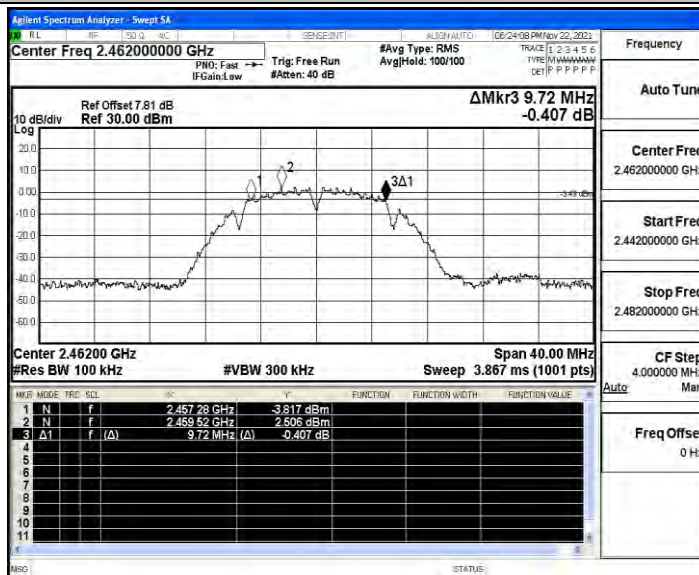
| TestMode  | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B       | Ant0    | 2412    | 9.840        | 2407.160 | 2417.000 | 0.5        | PASS    |
|           |         | 2437    | 9.960        | 2432.040 | 2442.000 | 0.5        | PASS    |
|           |         | 2462    | 9.720        | 2457.280 | 2467.000 | 0.5        | PASS    |
| 11G       | Ant0    | 2412    | 13.960       | 2404.400 | 2418.360 | 0.5        | PASS    |
|           |         | 2437    | 15.160       | 2429.440 | 2444.600 | 0.5        | PASS    |
|           |         | 2462    | 13.640       | 2454.400 | 2468.040 | 0.5        | PASS    |
| 11N20SISO | Ant0    | 2412    | 13.000       | 2406.560 | 2419.560 | 0.5        | PASS    |
|           |         | 2437    | 15.280       | 2429.480 | 2444.760 | 0.5        | PASS    |
|           |         | 2462    | 13.880       | 2455.640 | 2469.520 | 0.5        | PASS    |
| 11N40SISO | Ant0    | 2422    | 32.800       | 2405.600 | 2438.400 | 0.5        | PASS    |
|           |         | 2437    | 34.000       | 2420.600 | 2454.600 | 0.5        | PASS    |
|           |         | 2452    | 35.280       | 2434.320 | 2469.600 | 0.5        | PASS    |

### Test Graphs

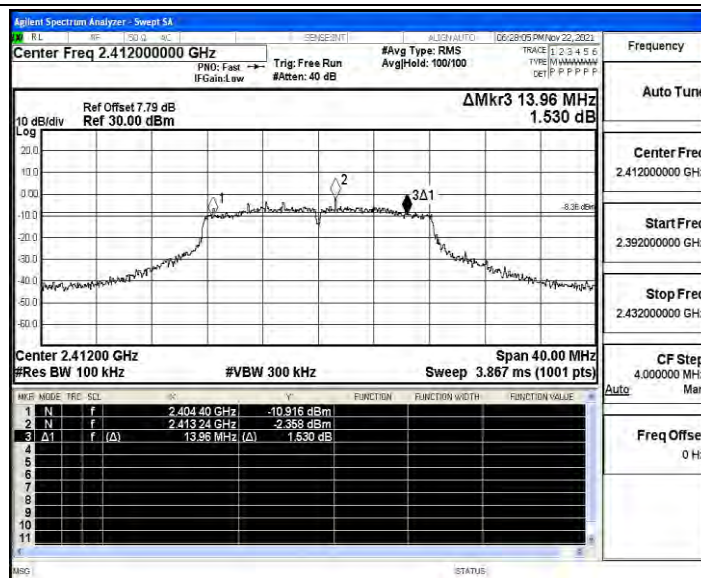




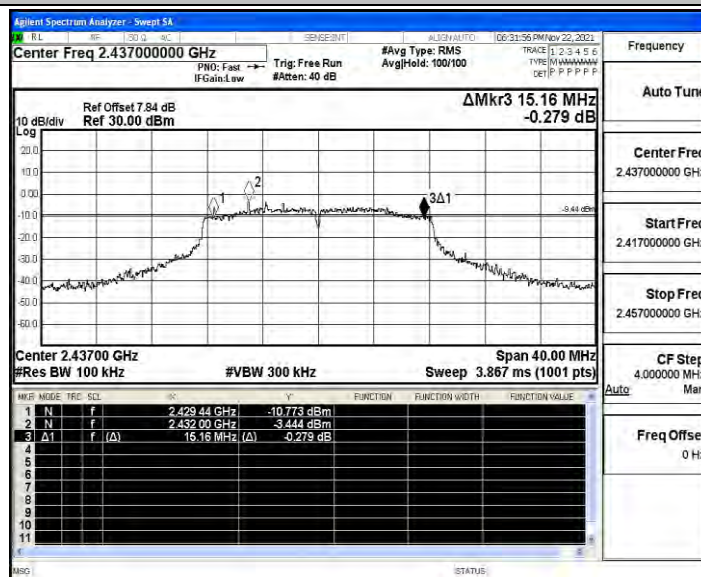
11B\_Ant0\_2462



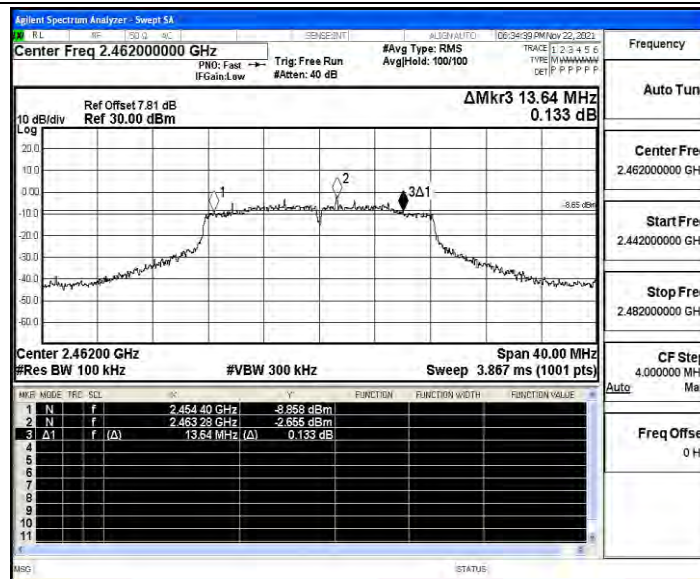
11G\_Ant0\_2412



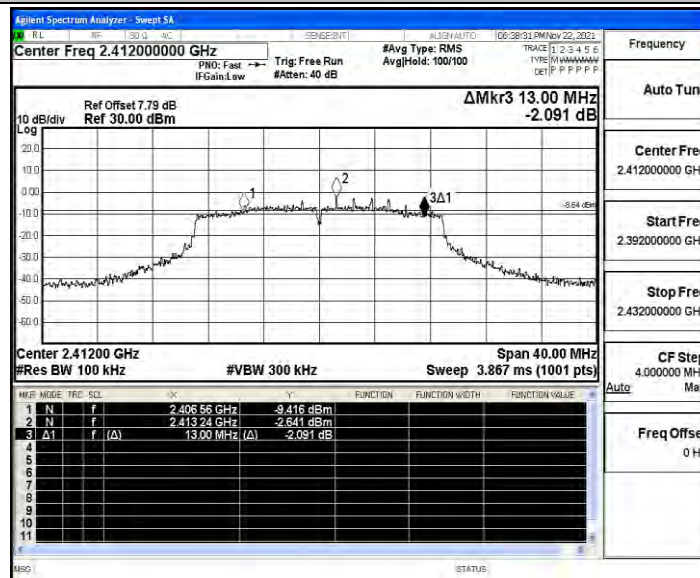
11G\_Ant0\_2437



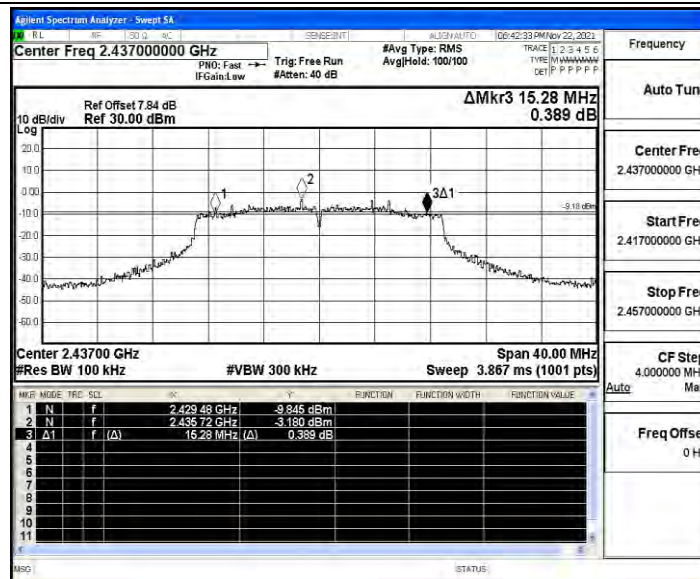
11G\_Ant0\_2462



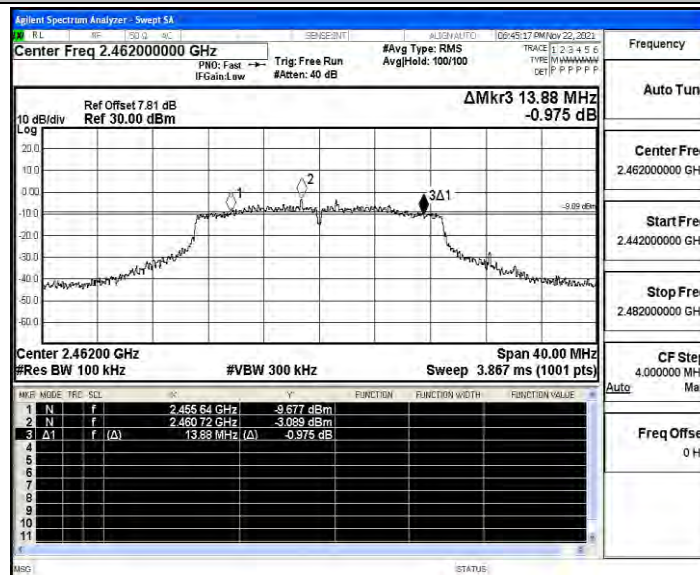
11N20SISO\_Ant0\_2412



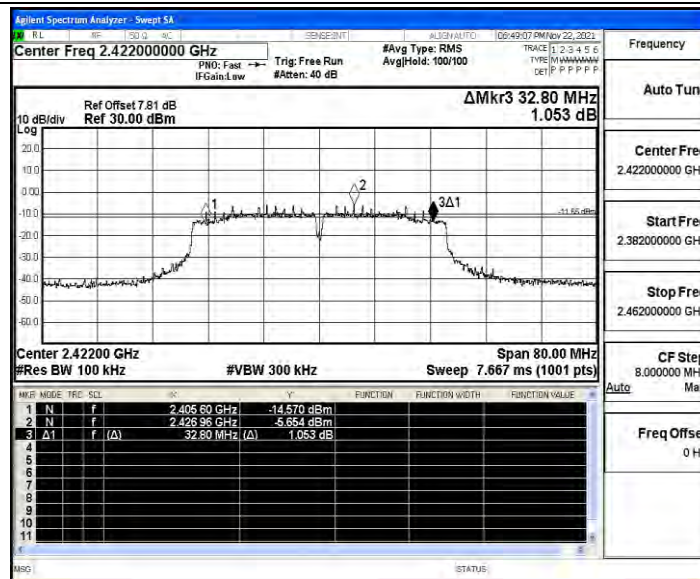
11N20SISO\_Ant0\_2437



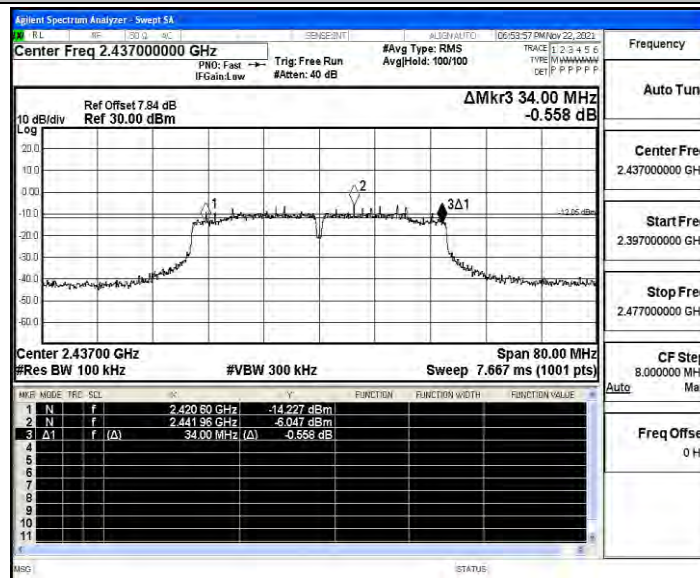
11N20SISO\_Ant0\_2462



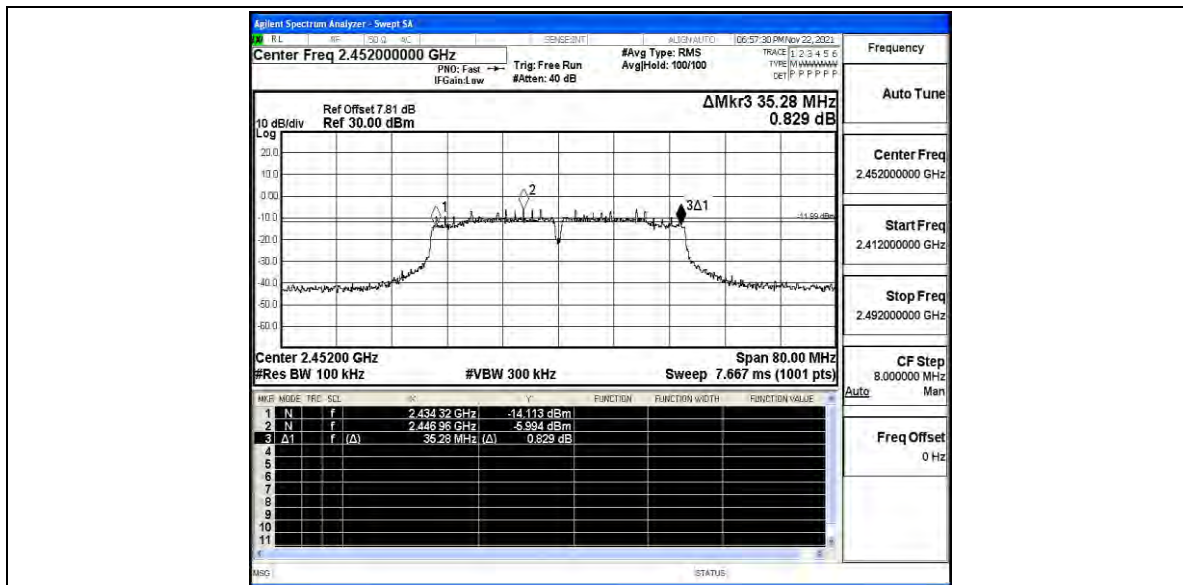
11N40SISO\_Ant0\_2422



11N40SISO\_Ant0\_2437



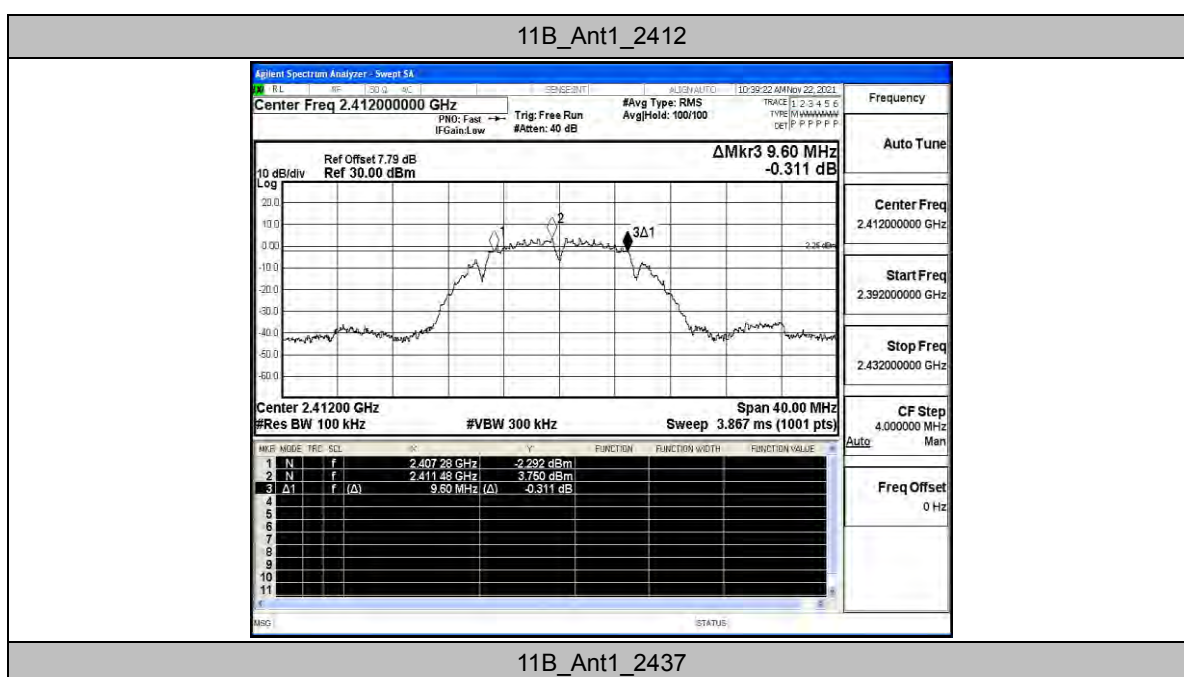
11N40SISO\_Ant0\_2452

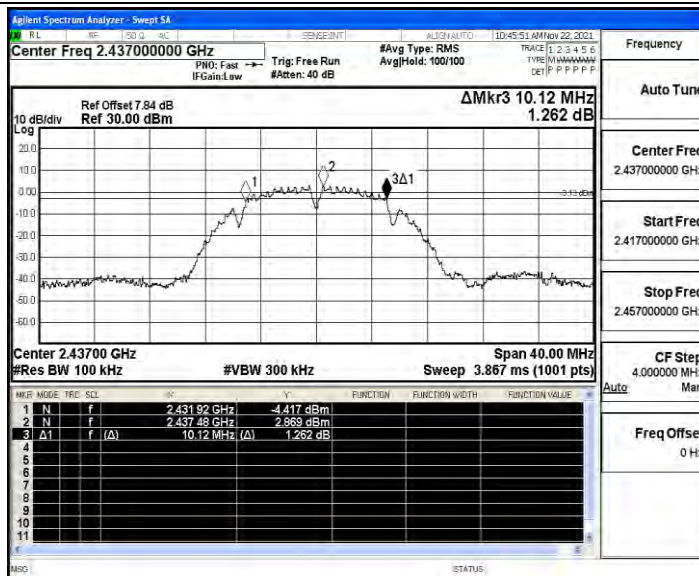




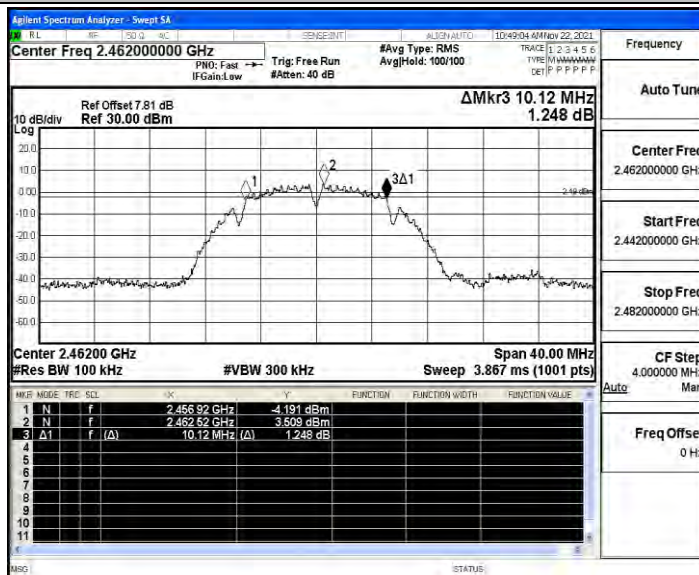
| TestMode  | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 9.600        | 2407.280 | 2416.880 | 0.5        | PASS    |
|           |         | 2437    | 10.120       | 2431.920 | 2442.040 | 0.5        | PASS    |
|           |         | 2462    | 10.120       | 2456.920 | 2467.040 | 0.5        | PASS    |
| 11G       | Ant1    | 2412    | 15.160       | 2404.440 | 2419.600 | 0.5        | PASS    |
|           |         | 2437    | 15.400       | 2429.400 | 2444.800 | 0.5        | PASS    |
|           |         | 2462    | 13.240       | 2455.360 | 2468.600 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412    | 15.200       | 2404.400 | 2419.600 | 0.5        | PASS    |
|           |         | 2437    | 13.160       | 2431.320 | 2444.480 | 0.5        | PASS    |
|           |         | 2462    | 15.080       | 2454.440 | 2469.520 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2422    | 35.280       | 2404.320 | 2439.600 | 0.5        | PASS    |
|           |         | 2437    | 35.200       | 2419.400 | 2454.600 | 0.5        | PASS    |
|           |         | 2452    | 35.200       | 2434.400 | 2469.600 | 0.5        | PASS    |

## Test Graphs

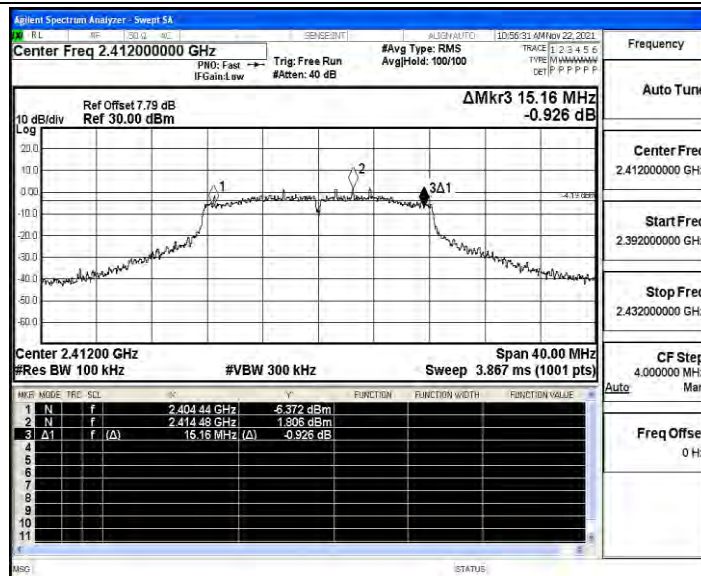




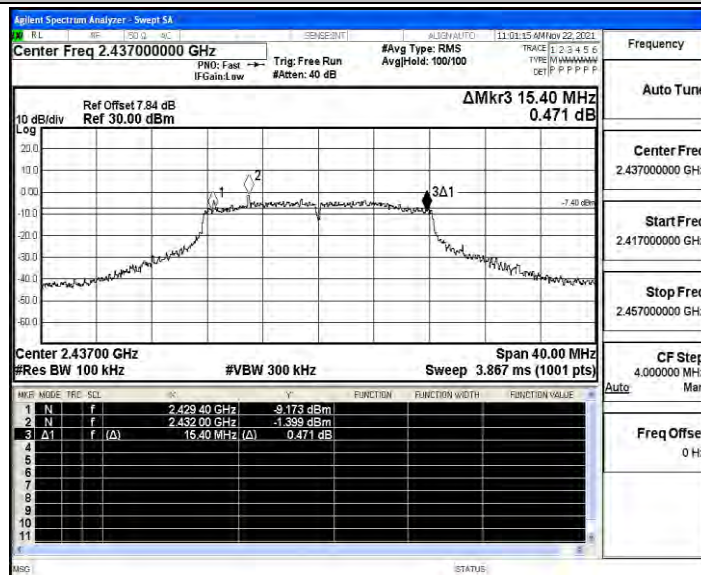
11B\_Ant1\_2462



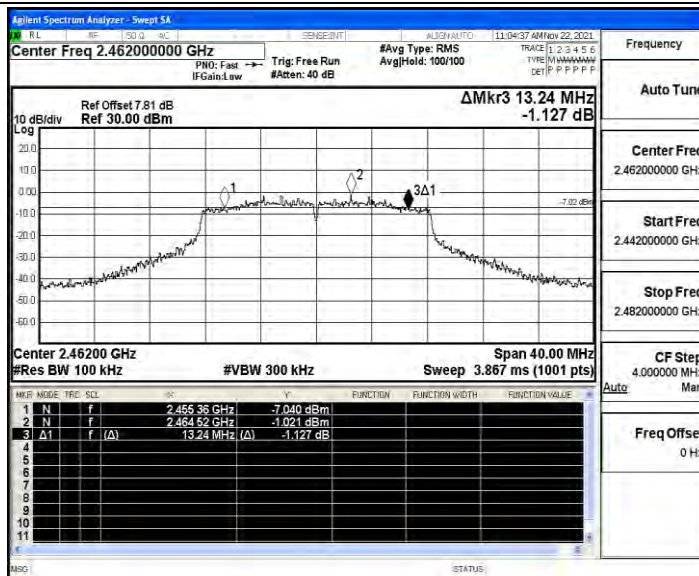
11G\_Ant1\_2412



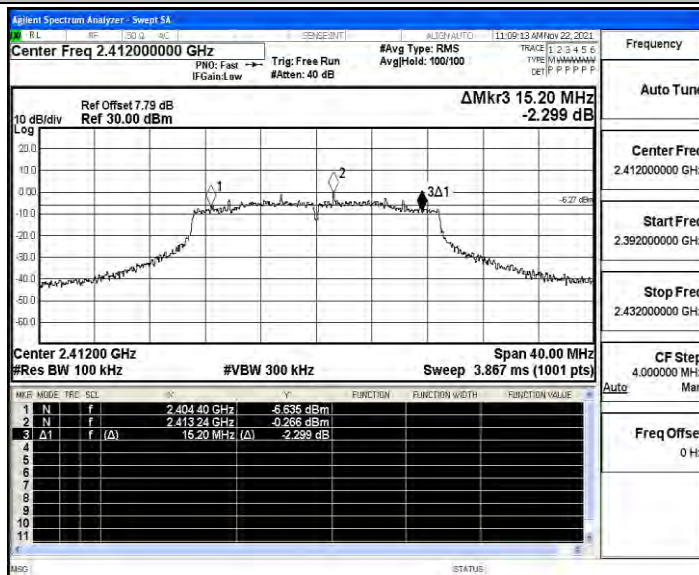
11G\_Ant1\_2437



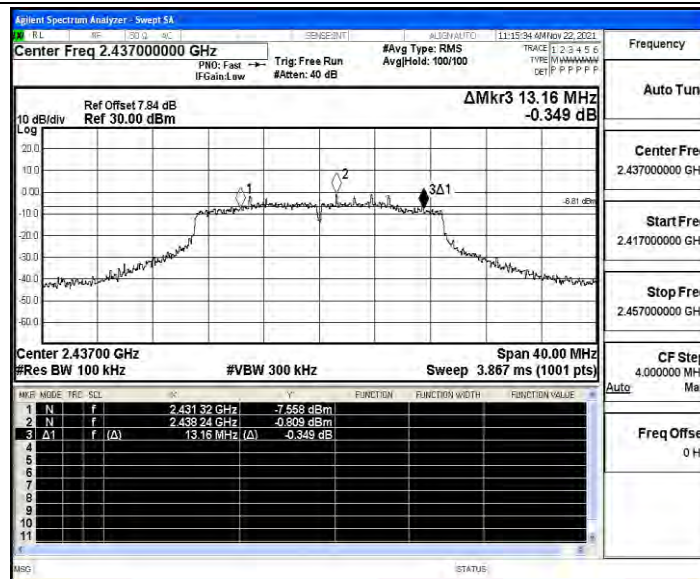
11G\_Ant1\_2462



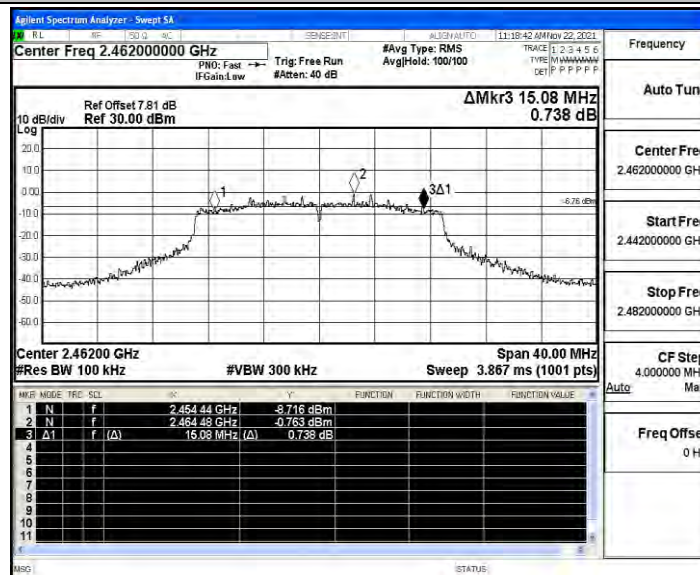
11N20SISO\_Ant1\_2412



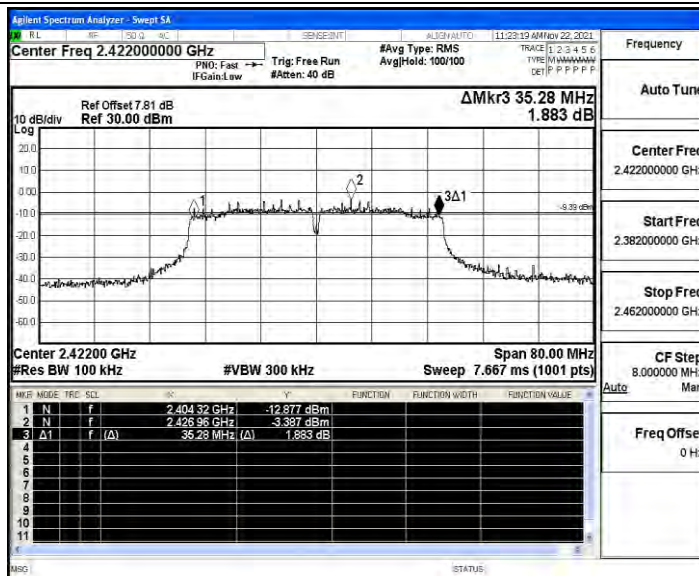
11N20SISO\_Ant1\_2437



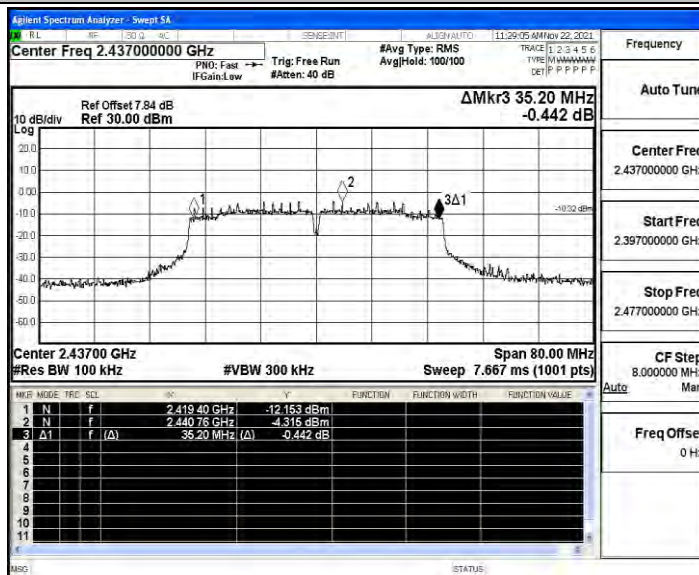
11N20SISO\_Ant1\_2462



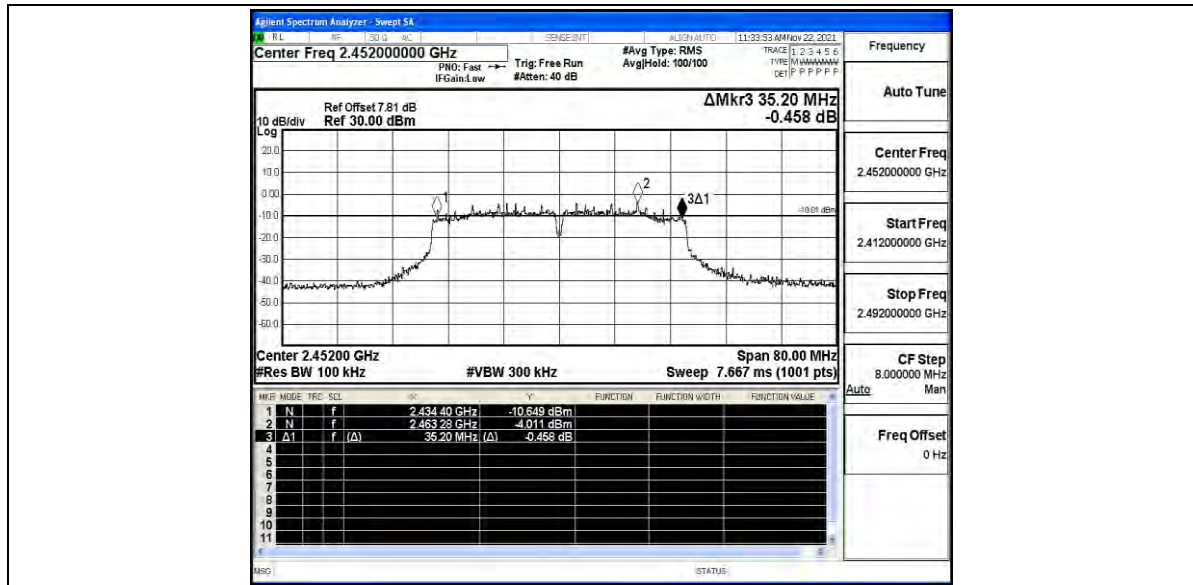
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452





## C.2 Maximum conducted output power

### Test Result

| TestMode  | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 11B       | Ant0    | 2412    | 15.73       | ≤30        | PASS    |
|           |         | 2437    | 14.95       | ≤30        | PASS    |
|           |         | 2462    | 15.47       | ≤30        | PASS    |
| 11G       | Ant0    | 2412    | 14.94       | ≤30        | PASS    |
|           |         | 2437    | 14.36       | ≤30        | PASS    |
|           |         | 2462    | 14.21       | ≤30        | PASS    |
| 11N20SISO | Ant0    | 2412    | 13.95       | ≤30        | PASS    |
|           |         | 2437    | 14.05       | ≤30        | PASS    |
|           |         | 2462    | 14.08       | ≤30        | PASS    |
| 11N40SISO | Ant0    | 2422    | 14.61       | ≤30        | PASS    |
|           |         | 2437    | 14.31       | ≤30        | PASS    |
|           |         | 2452    | 14.45       | ≤30        | PASS    |

| TestMode  | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 11B       | Ant1    | 2412    | 17.21       | ≤30        | PASS    |
|           |         | 2437    | 16.01       | ≤30        | PASS    |
|           |         | 2462    | 16.61       | ≤30        | PASS    |
| 11G       | Ant1    | 2412    | 17.57       | ≤30        | PASS    |
|           |         | 2437    | 16.66       | ≤30        | PASS    |
|           |         | 2462    | 16.73       | ≤30        | PASS    |
| 11N20SISO | Ant1    | 2412    | 17.02       | ≤30        | PASS    |
|           |         | 2437    | 16.50       | ≤30        | PASS    |
|           |         | 2462    | 16.73       | ≤30        | PASS    |
| 11N40SISO | Ant1    | 2422    | 17.05       | ≤30        | PASS    |
|           |         | 2437    | 16.61       | ≤30        | PASS    |
|           |         | 2452    | 16.71       | ≤30        | PASS    |

### MIMO

| Mode  | Channel | ANT 0 [dBm] | ANT 1 [dBm] | MIMO [dBm] | Limit [dBm] | Verdict |
|-------|---------|-------------|-------------|------------|-------------|---------|
| 11N20 | LCH     | 13.95       | 17.02       | 18.76      | 30          | PASS    |
|       | MCH     | 14.05       | 16.50       | 18.46      | 30          | PASS    |
|       | HCH     | 14.08       | 16.73       | 18.61      | 30          | PASS    |
| 11N40 | LCH     | 14.61       | 17.05       | 19.01      | 30          | PASS    |
|       | MCH     | 14.31       | 16.61       | 18.62      | 30          | PASS    |
|       | HCH     | 14.45       | 16.71       | 18.74      | 30          | PASS    |



### C.3 Maximum power spectral density

#### Test Result

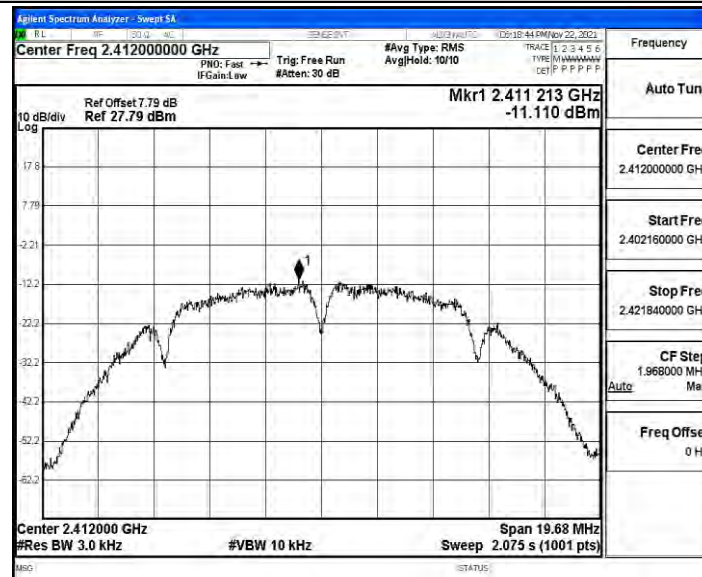
| Mode  | Channel | PSD Level<br>[dBm/3KHz] |        | Limit<br>[dBm/3KHz] | Verdict |
|-------|---------|-------------------------|--------|---------------------|---------|
|       |         | Ant 0                   | Ant 1  |                     |         |
| 11B   | 2412    | -11.11                  | -10.17 | 8                   | PASS    |
|       | 2437    | -11.9                   | -11.85 | 8                   | PASS    |
|       | 2462    | -11.36                  | -11.08 | 8                   | PASS    |
| 11G   | 2412    | -16.8                   | -13.66 | 8                   | PASS    |
|       | 2437    | -17.59                  | -15.58 | 8                   | PASS    |
|       | 2462    | -17.55                  | -15.41 | 8                   | PASS    |
| 11N20 | 2412    | -17.5                   | -14.51 | 8                   | PASS    |
|       | 2437    | -17.44                  | -14.36 | 8                   | PASS    |
|       | 2462    | -16.3                   | -15.92 | 8                   | PASS    |
| 11N40 | 2422    | -19.74                  | -17.06 | 8                   | PASS    |
|       | 2437    | -19.37                  | -17.87 | 8                   | PASS    |
|       | 2452    | -19.37                  | -17.89 | 8                   | PASS    |

| Mode  | Channel | MIMO PSD<br>[dBm/3KHz] |        |        | Limit<br>[dBm/3KHz] | Verdict |
|-------|---------|------------------------|--------|--------|---------------------|---------|
|       |         | Ant 0                  | Ant 1  | Sum    |                     |         |
| 11N20 | LCH     | -17.5                  | -14.51 | -12.74 | 8                   | PASS    |
|       | MCH     | -17.44                 | -14.36 | -12.62 | 8                   | PASS    |
|       | HCH     | -16.3                  | -15.92 | -13.10 | 8                   | PASS    |
| 11N40 | LCH     | -19.74                 | -17.06 | -15.19 | 8                   | PASS    |
|       | MCH     | -19.37                 | -17.87 | -15.55 | 8                   | PASS    |
|       | HCH     | -19.37                 | -17.89 | -15.56 | 8                   | PASS    |

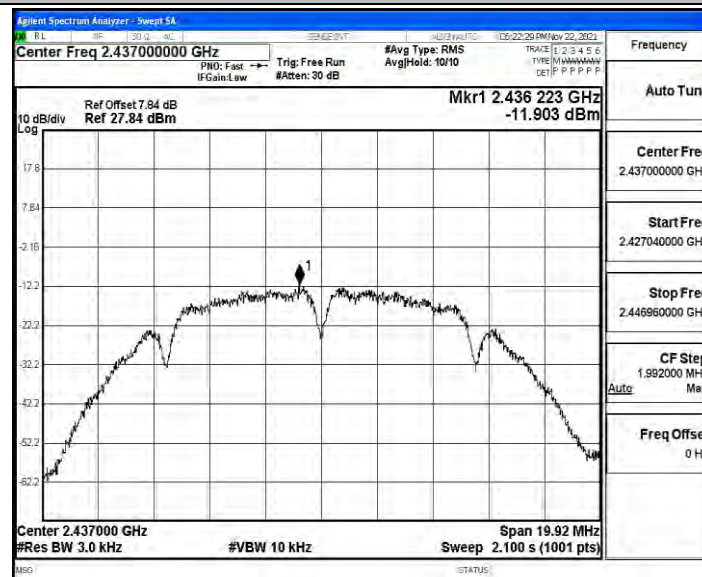


## Test Graphs

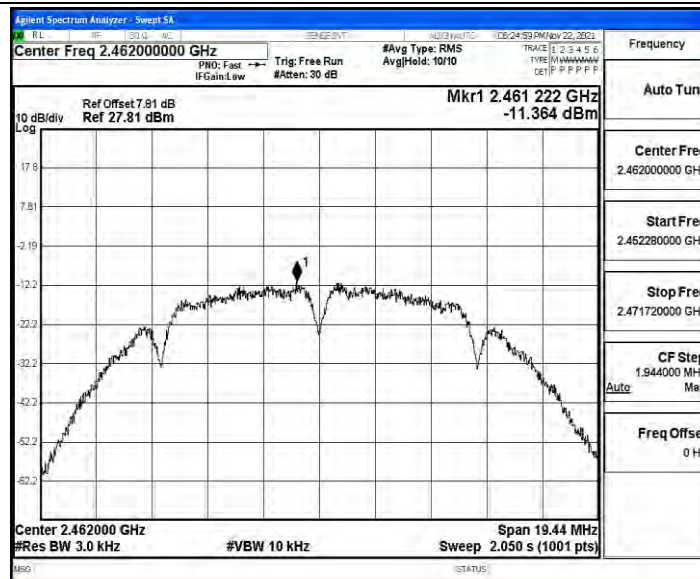
11B\_Ant0\_2412



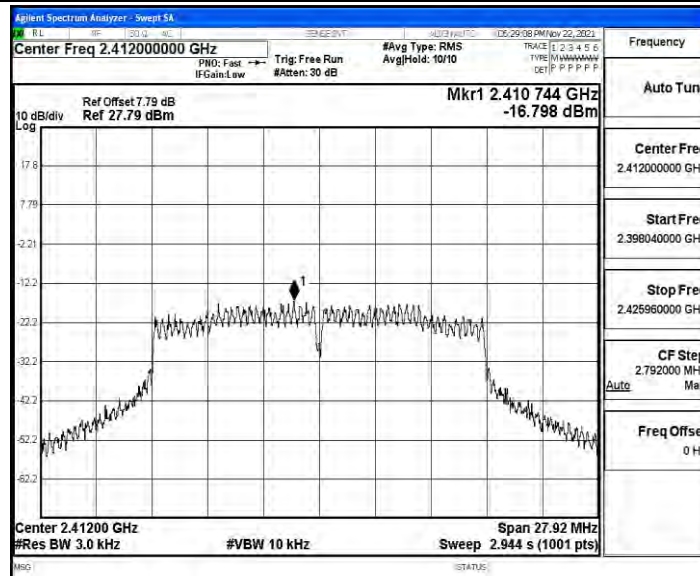
11B\_Ant0\_2437



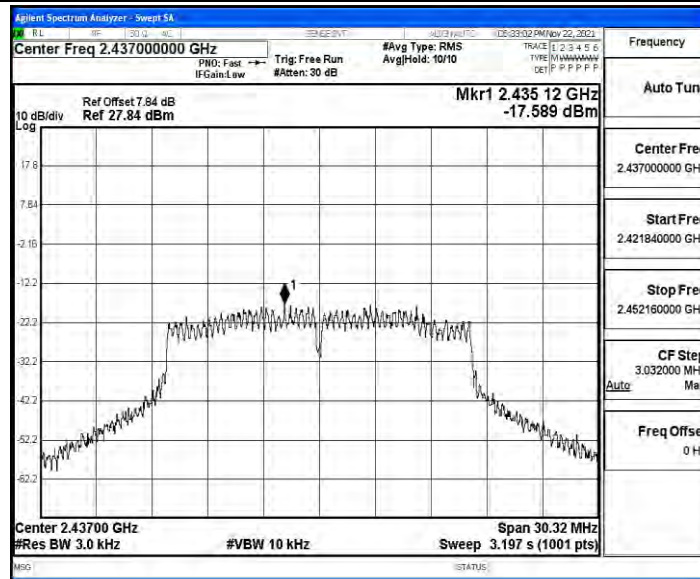
11B\_Ant0\_2462



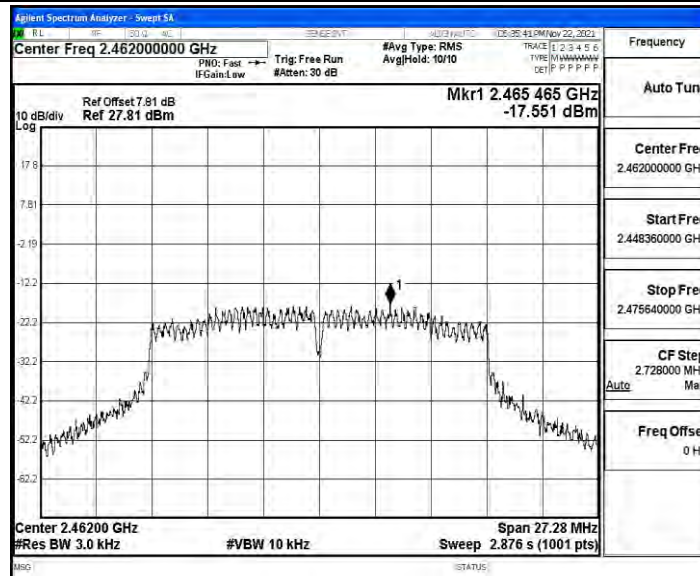
11G\_Ant0\_2412



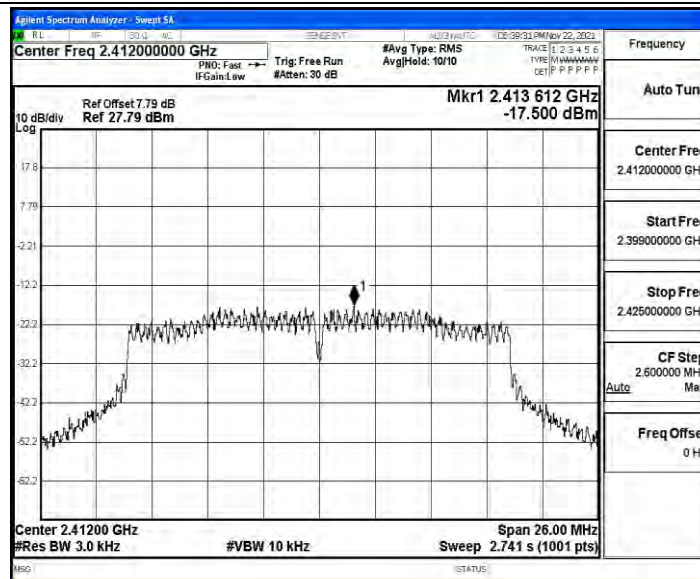
11G\_Ant0\_2437



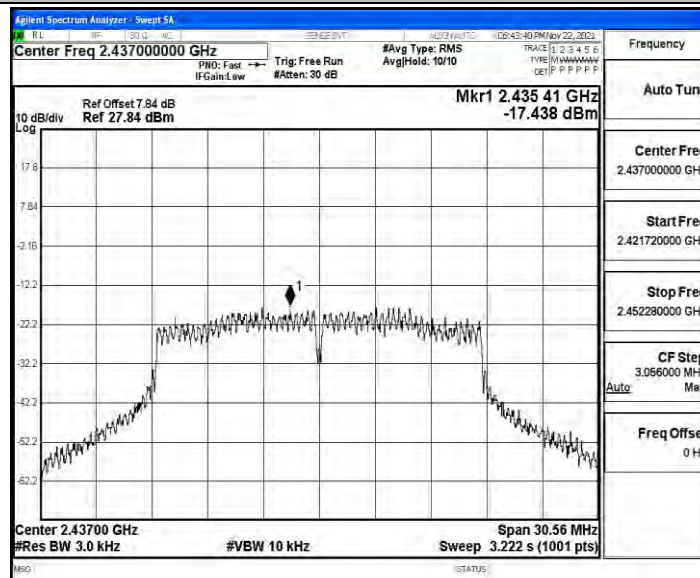
11G\_Ant0\_2462



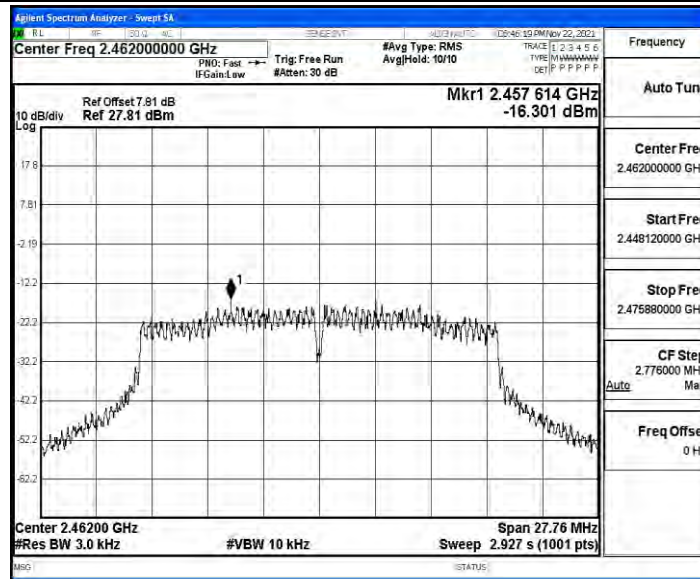
11N20SISO\_Ant0\_2412



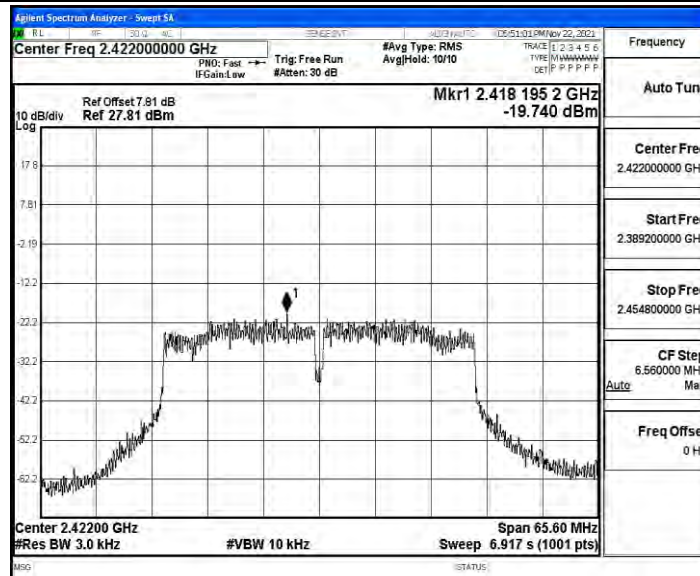
11N20SISO\_Ant0\_2437



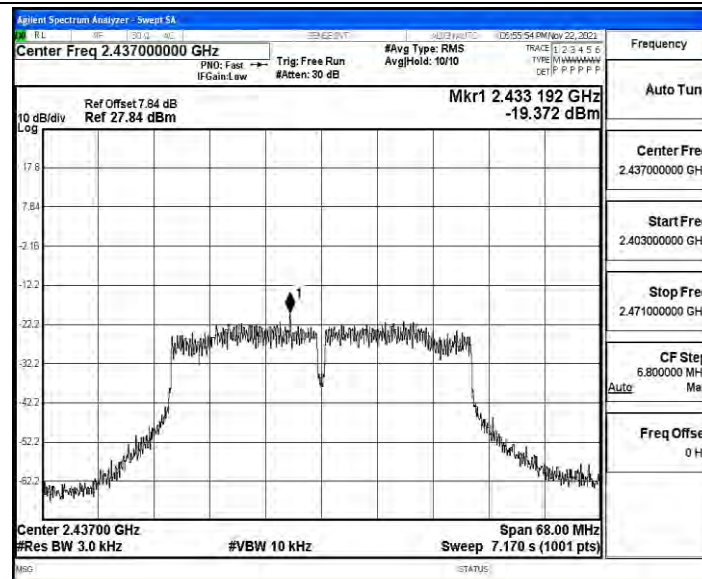
11N20SISO\_Ant0\_2462



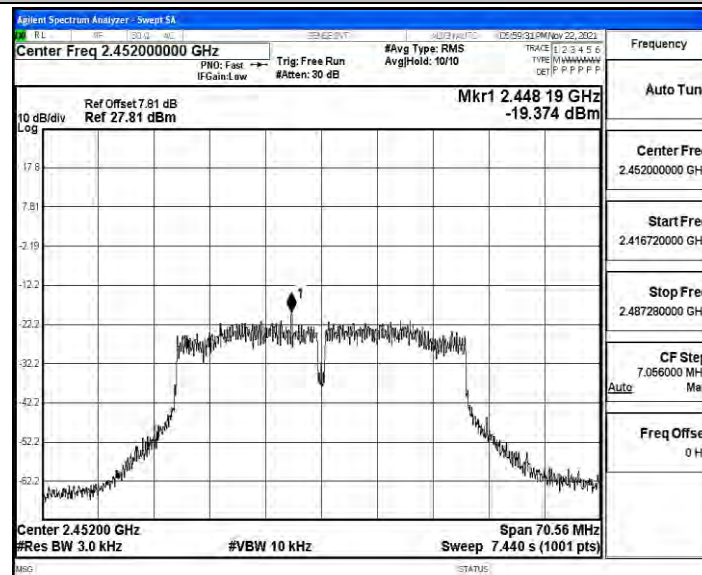
11N40SISO\_Ant0\_2422



11N40SISO\_Ant0\_2437



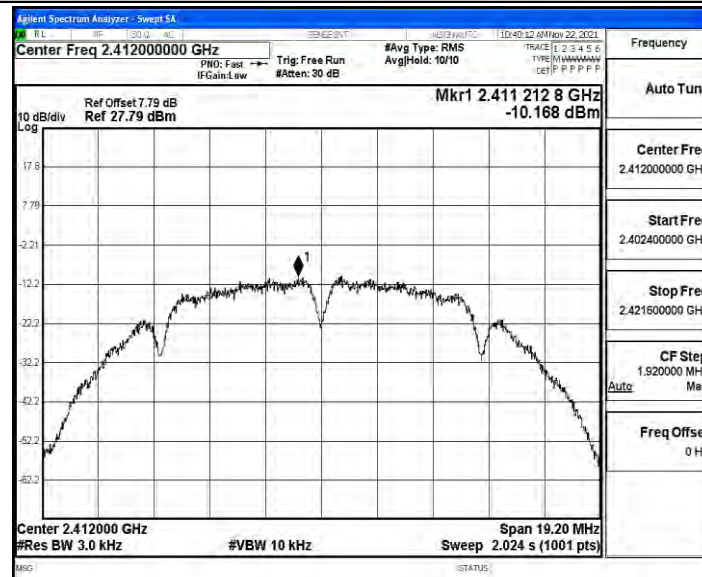
11N40SISO\_Ant0\_2452



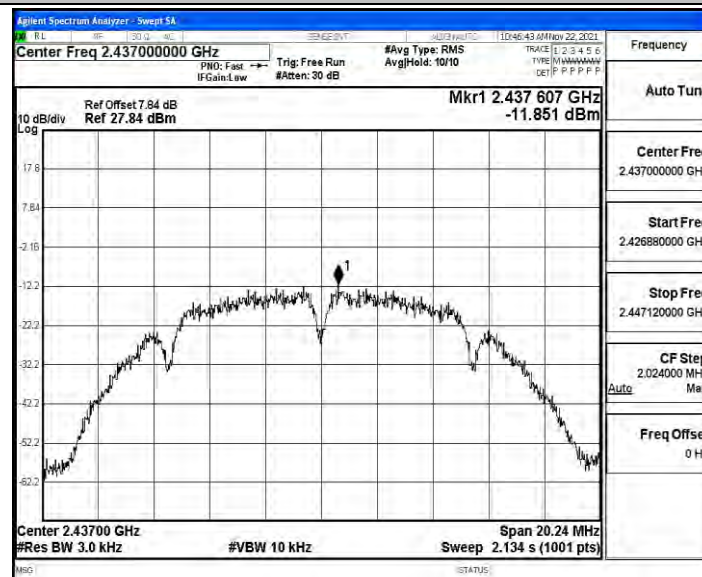


## Test Graphs

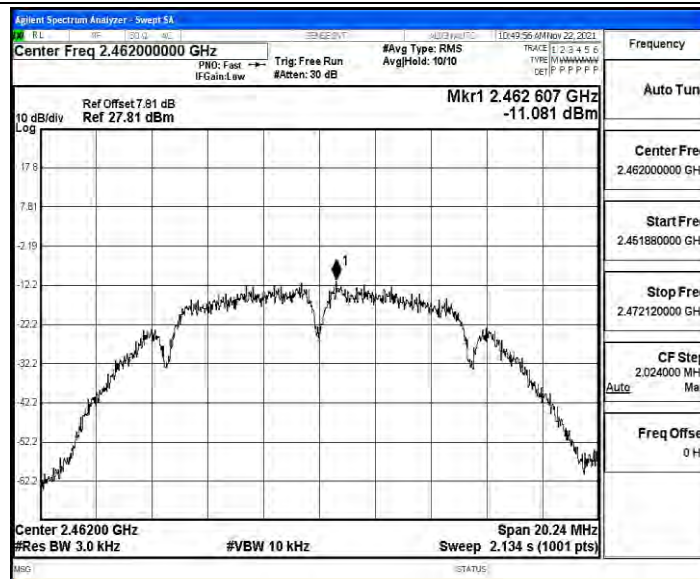
11B\_Ant1\_2412



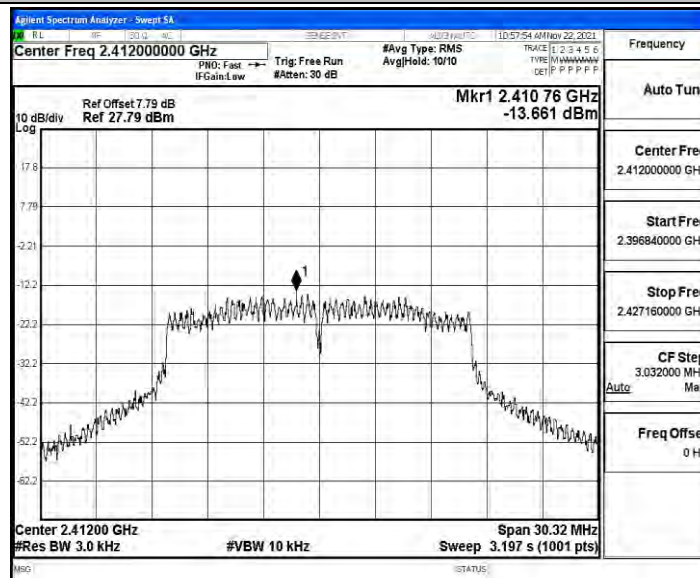
11B\_Ant1\_2437



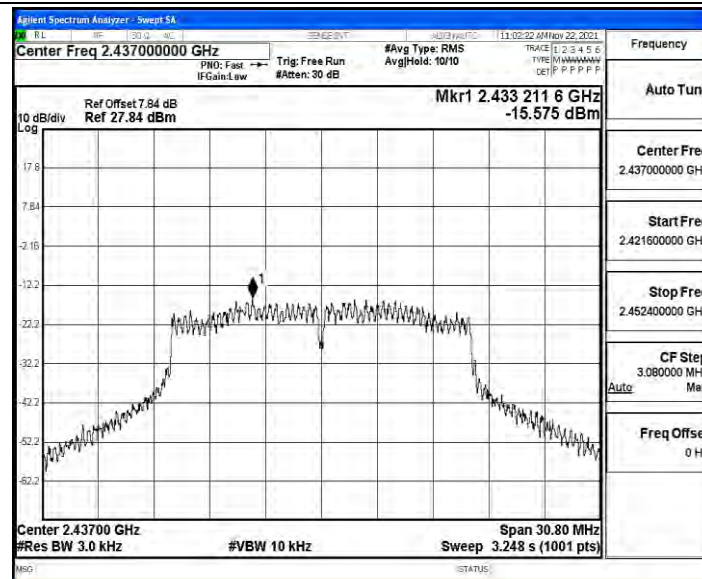
11B\_Ant1\_2462



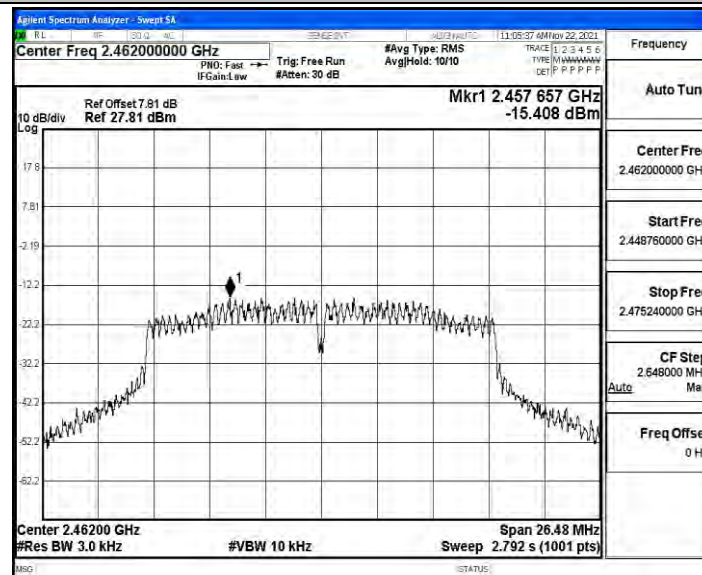
11G\_Ant1\_2412



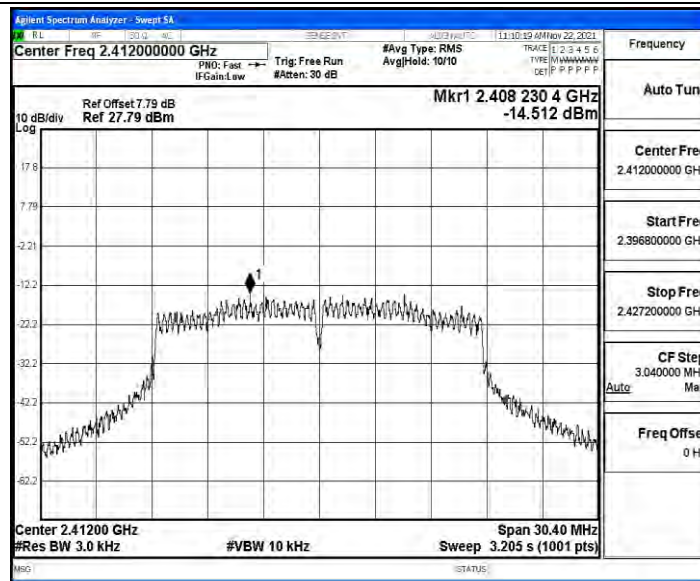
11G\_Ant1\_2437



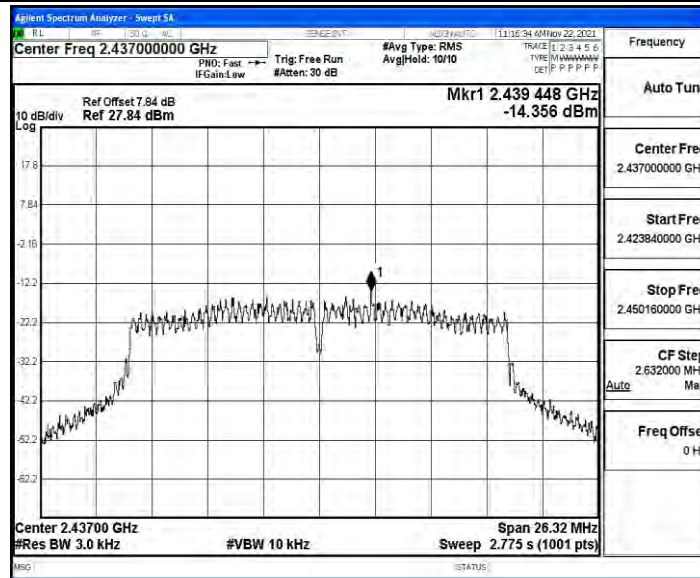
11G\_Ant1\_2462



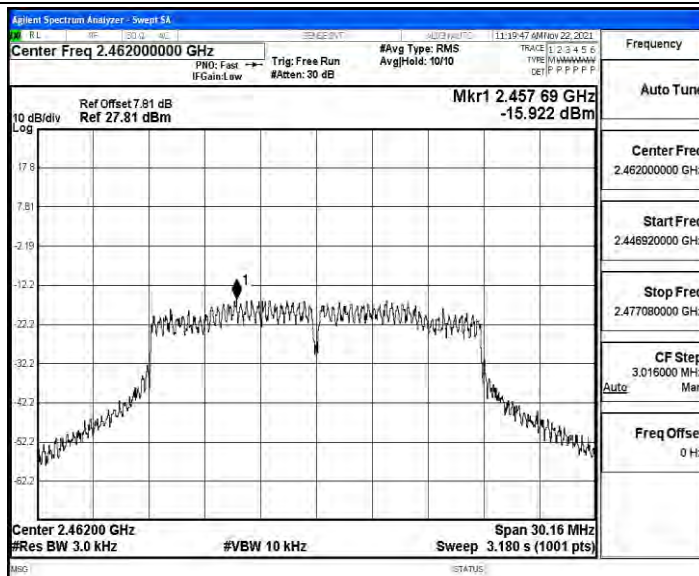
11N20SISO\_Ant1\_2412



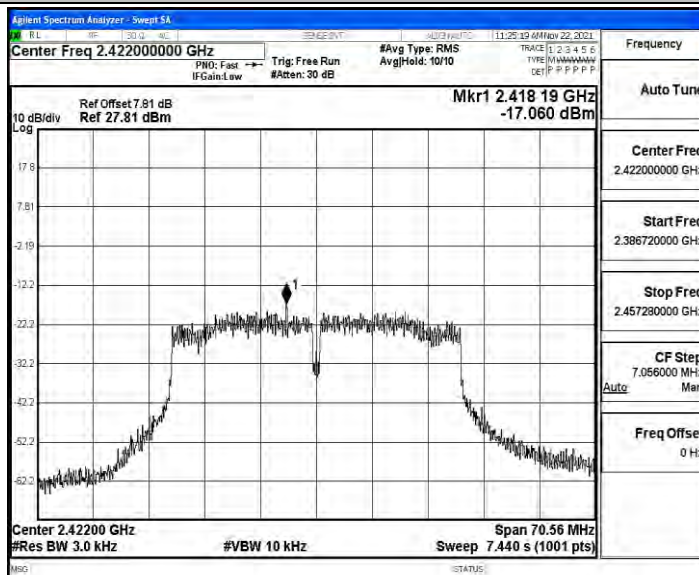
11N20SISO\_Ant1\_2437



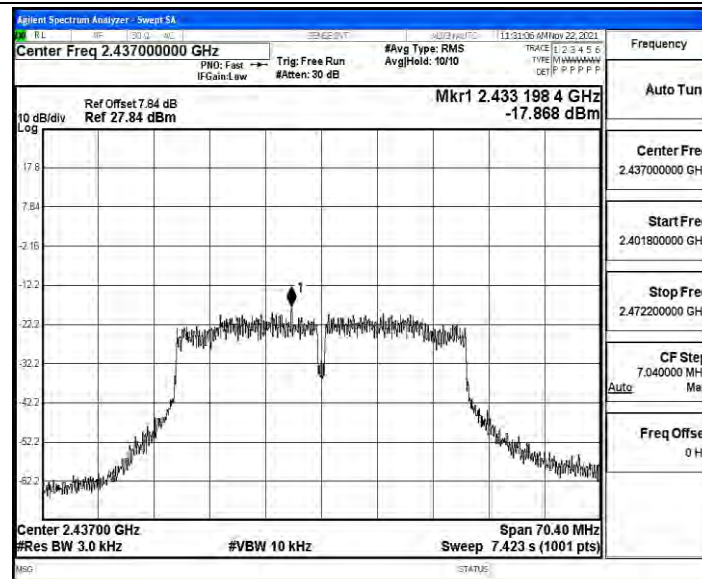
11N20SISO\_Ant1\_2462



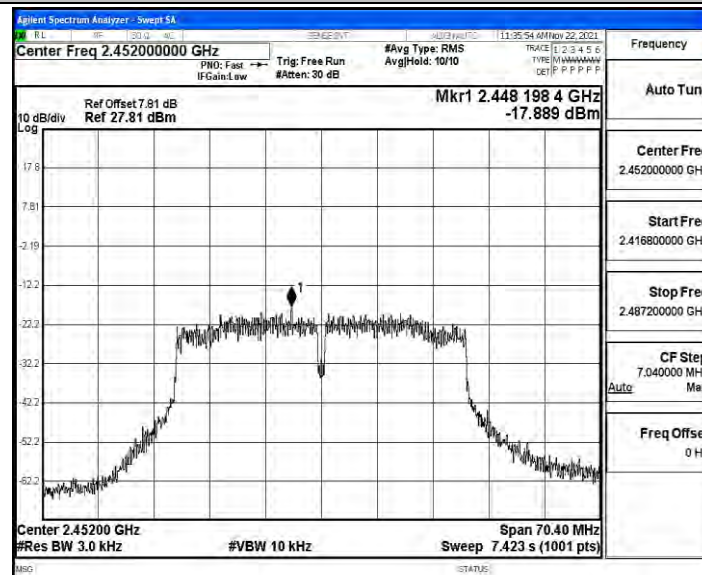
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452





## C.4 Band edge measurements

### Test Result

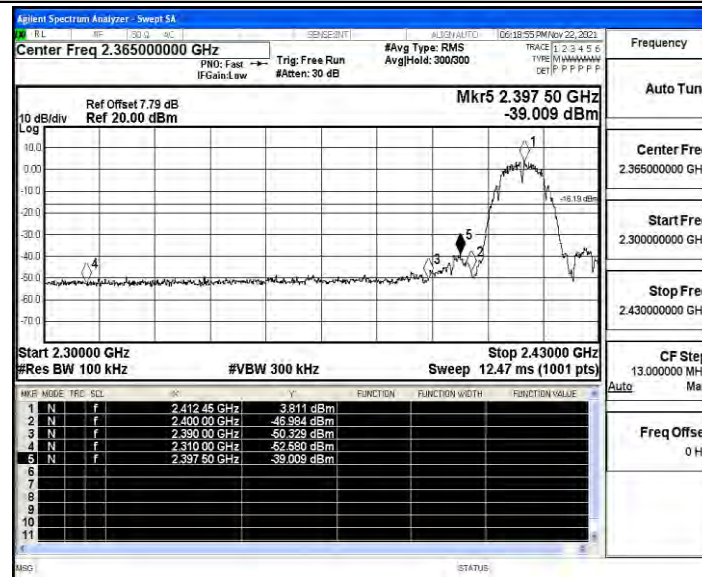
| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|-----------|---------|--------|---------|---------------|-------------|---------------|---------|
| 11B       | Ant0    | Low    | 2412    | 3.81          | -39.01      | $\leq -16.19$ | PASS    |
|           |         | High   | 2462    | 3.67          | -47.71      | $\leq -16.33$ | PASS    |
| 11G       | Ant0    | Low    | 2412    | -2.29         | -31.46      | $\leq -22.29$ | PASS    |
|           |         | High   | 2462    | -2.45         | -47.86      | $\leq -22.45$ | PASS    |
| 11N20SISO | Ant0    | Low    | 2412    | -2.65         | -30.51      | $\leq -22.65$ | PASS    |
|           |         | High   | 2462    | -1.97         | -46.31      | $\leq -21.97$ | PASS    |
| 11N40SISO | Ant0    | Low    | 2422    | -5.77         | -35.75      | $\leq -25.77$ | PASS    |
|           |         | High   | 2452    | -5.99         | -40.31      | $\leq -25.99$ | PASS    |

| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|-----------|---------|--------|---------|---------------|-------------|---------------|---------|
| 11B       | Ant1    | Low    | 2412    | 4.71          | -37.01      | $\leq -15.29$ | PASS    |
|           |         | High   | 2462    | 3.57          | -45.88      | $\leq -16.43$ | PASS    |
| 11G       | Ant1    | Low    | 2412    | -0.21         | -29.75      | $\leq -20.21$ | PASS    |
|           |         | High   | 2462    | -1.24         | -46.85      | $\leq -21.24$ | PASS    |
| 11N20SISO | Ant1    | Low    | 2412    | -0.05         | -30.27      | $\leq -20.05$ | PASS    |
|           |         | High   | 2462    | -0.91         | -45.99      | $\leq -20.91$ | PASS    |
| 11N40SISO | Ant1    | Low    | 2422    | -3.56         | -34.54      | $\leq -23.56$ | PASS    |
|           |         | High   | 2452    | -3.76         | -38.77      | $\leq -23.76$ | PASS    |

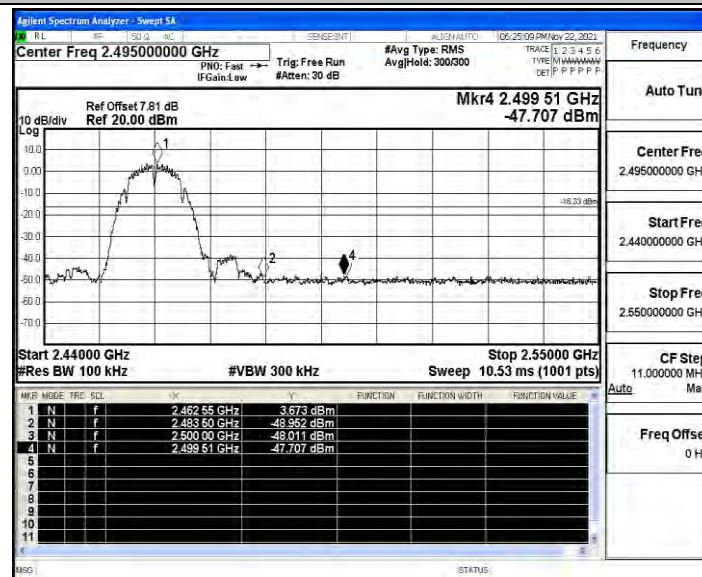


## Test Graphs

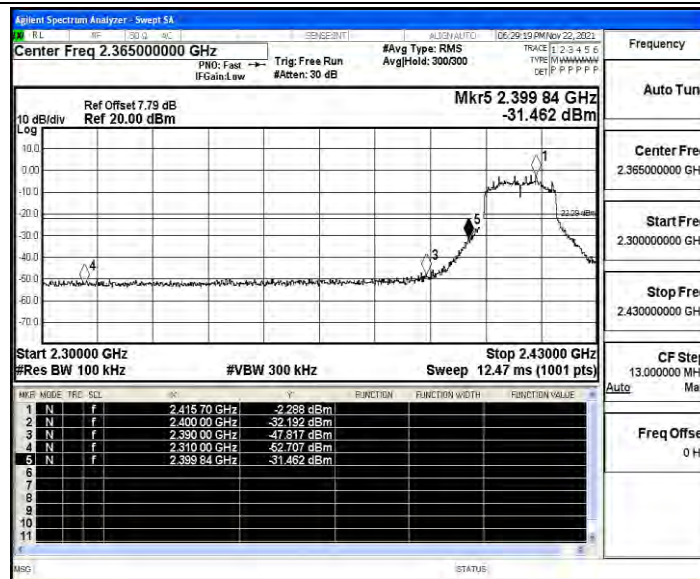
11B\_Ant0\_Low\_2412



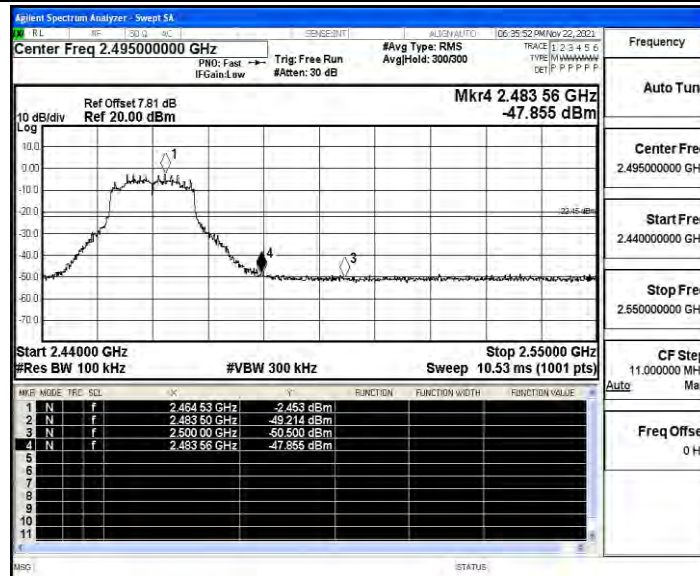
11B\_Ant0\_High\_2462



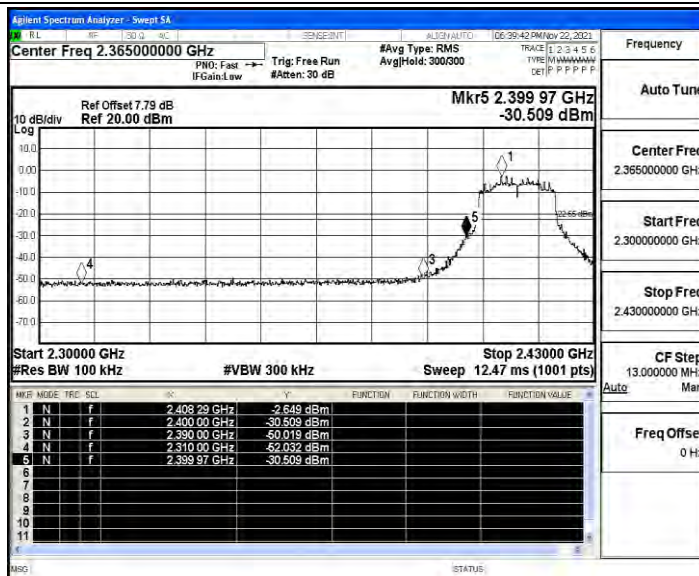
11G\_Ant0\_Low\_2412



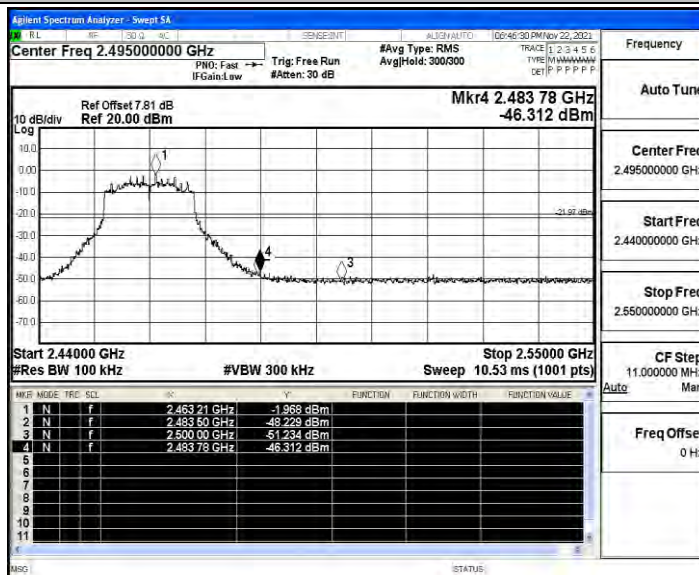
11G\_Ant0\_High\_2462



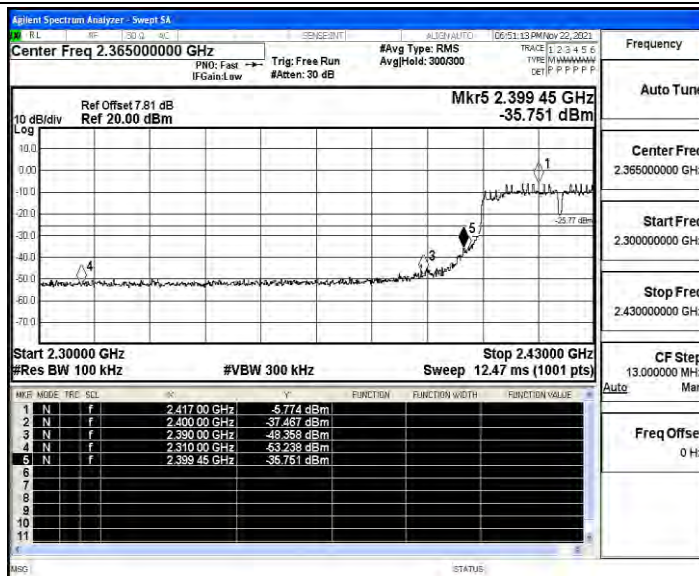
11N20SISO\_Ant0\_Low\_2412



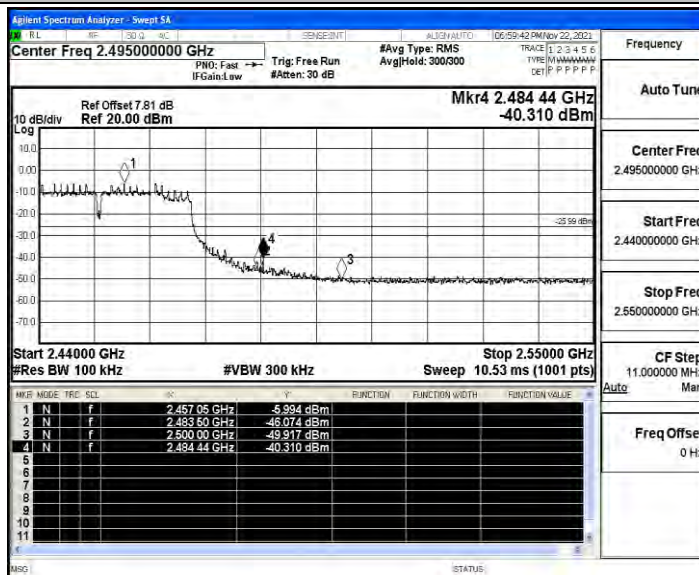
11N20SISO\_Ant0\_High\_2462



11N40SISO\_Ant0\_Low\_2422



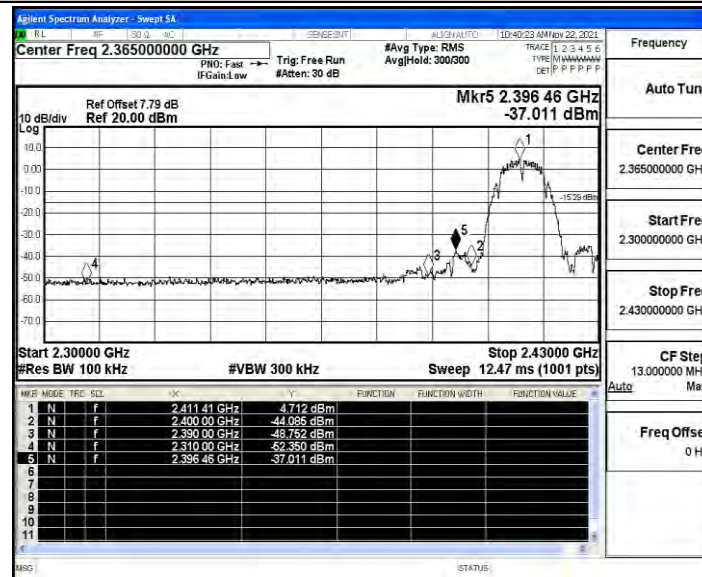
11N40SISO\_Ant0\_High\_2452



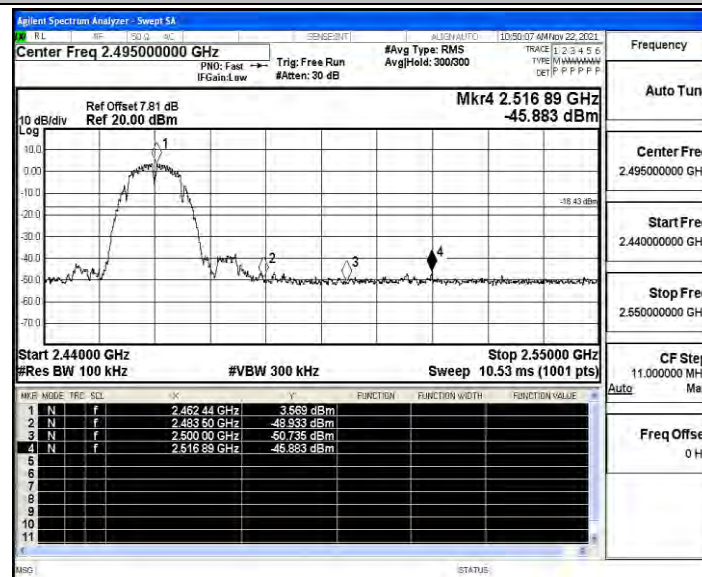


## Test Graphs

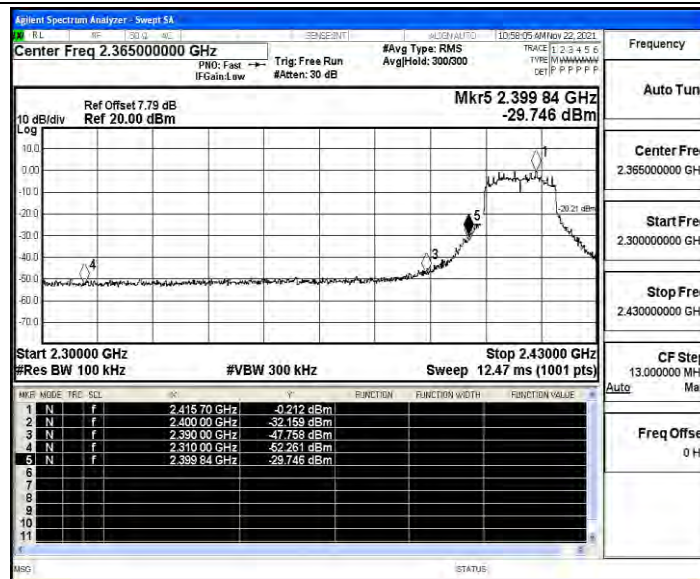
11B\_Ant1\_Low\_2412



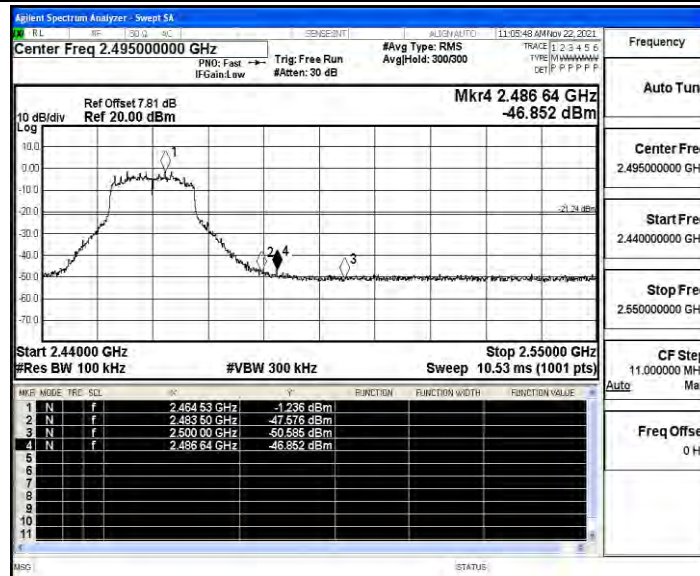
11B\_Ant1\_High\_2462



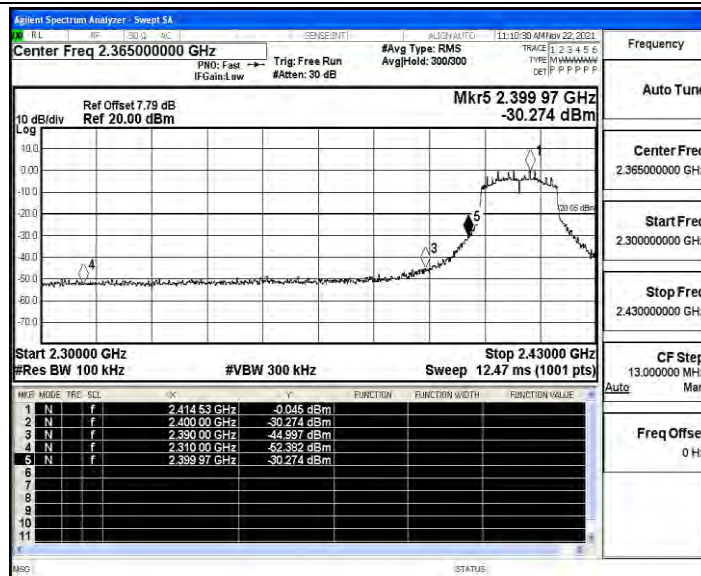
11G\_Ant1\_Low\_2412



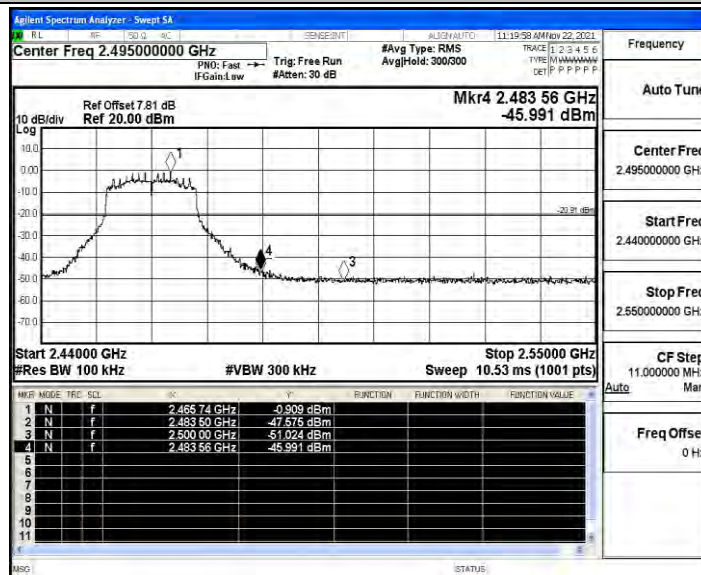
11G\_Ant1\_High\_2462



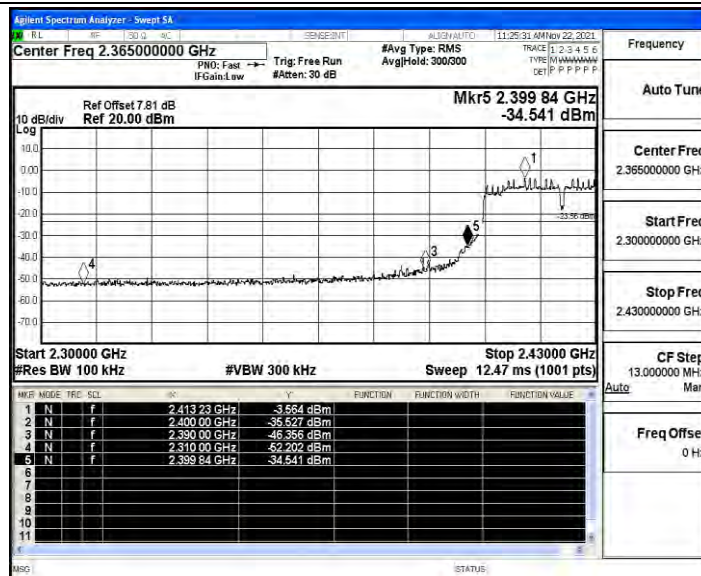
11N20SISO\_Ant1\_Low\_2412



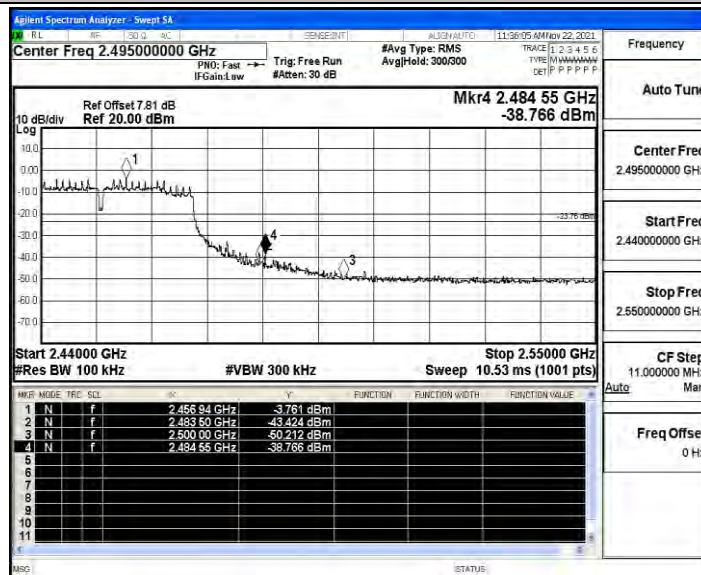
11N20SISO\_Ant1\_High\_2462



11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant1\_High\_2452





## C.5 Conducted Spurious Emission

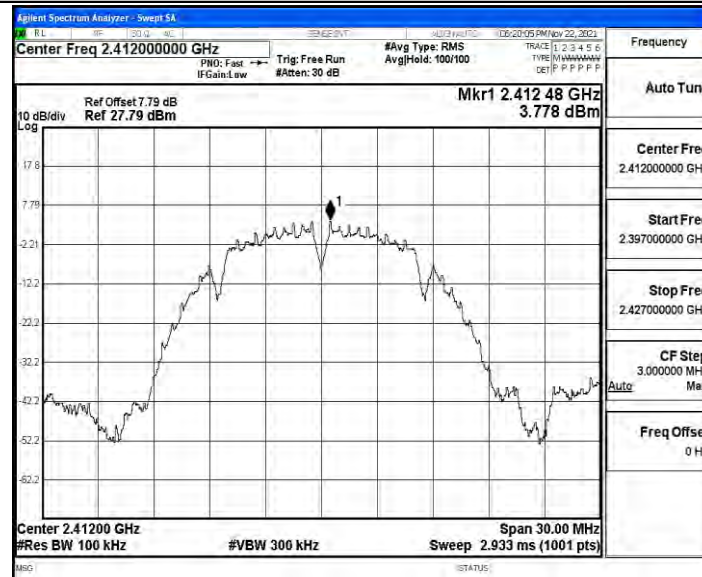
### Test Result

| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant0    | 2412    | Reference          | 3.78              | 3.78            | ---            | PASS    |
|           |         |         | 30~1000            | 3.78              | -61.93          | $\leq -16.22$  | PASS    |
|           |         |         | 1000~26500         | 3.78              | -47.26          | $\leq -16.22$  | PASS    |
|           |         | 2437    | Reference          | 2.95              | 2.95            | ---            | PASS    |
|           |         |         | 30~1000            | 2.95              | -61.6           | $\leq -17.05$  | PASS    |
|           |         |         | 1000~26500         | 2.95              | -47.64          | $\leq -17.05$  | PASS    |
|           |         | 2462    | Reference          | 2.68              | 2.68            | ---            | PASS    |
|           |         |         | 30~1000            | 2.68              | -61.8           | $\leq -17.32$  | PASS    |
|           |         |         | 1000~26500         | 2.68              | -46.56          | $\leq -17.32$  | PASS    |
| 11G       | Ant0    | 2412    | Reference          | -2.82             | -2.82           | ---            | PASS    |
|           |         |         | 30~1000            | -2.82             | -61.02          | $\leq -22.82$  | PASS    |
|           |         |         | 1000~26500         | -2.82             | -47.37          | $\leq -22.82$  | PASS    |
|           |         | 2437    | Reference          | -2.64             | -2.64           | ---            | PASS    |
|           |         |         | 30~1000            | -2.64             | -60.94          | $\leq -22.64$  | PASS    |
|           |         |         | 1000~26500         | -2.64             | -47.23          | $\leq -22.64$  | PASS    |
|           |         | 2462    | Reference          | -2.45             | -2.45           | ---            | PASS    |
|           |         |         | 30~1000            | -2.45             | -61.6           | $\leq -22.45$  | PASS    |
|           |         |         | 1000~26500         | -2.45             | -46.53          | $\leq -22.45$  | PASS    |
| 11N20SISO | Ant0    | 2412    | Reference          | -2.33             | -2.33           | ---            | PASS    |
|           |         |         | 30~1000            | -2.33             | -61.47          | $\leq -22.33$  | PASS    |
|           |         |         | 1000~26500         | -2.33             | -47.04          | $\leq -22.33$  | PASS    |
|           |         | 2437    | Reference          | -3.07             | -3.07           | ---            | PASS    |
|           |         |         | 30~1000            | -3.07             | -61.82          | $\leq -23.07$  | PASS    |
|           |         |         | 1000~26500         | -3.07             | -47.48          | $\leq -23.07$  | PASS    |
|           |         | 2462    | Reference          | -2.74             | -2.74           | ---            | PASS    |
|           |         |         | 30~1000            | -2.74             | -61.52          | $\leq -22.74$  | PASS    |
|           |         |         | 1000~26500         | -2.74             | -47.55          | $\leq -22.74$  | PASS    |
| 11N40SISO | Ant0    | 2422    | Reference          | -5.65             | -5.65           | ---            | PASS    |
|           |         |         | 30~1000            | -5.65             | -61.06          | $\leq -25.65$  | PASS    |
|           |         |         | 1000~26500         | -5.65             | -46.79          | $\leq -25.65$  | PASS    |
|           |         | 2437    | Reference          | -6.09             | -6.09           | ---            | PASS    |
|           |         |         | 30~1000            | -6.09             | -61.02          | $\leq -26.09$  | PASS    |
|           |         |         | 1000~26500         | -6.09             | -47.22          | $\leq -26.09$  | PASS    |
|           |         | 2452    | Reference          | -6.17             | -6.17           | ---            | PASS    |
|           |         |         | 30~1000            | -6.17             | -61.68          | $\leq -26.17$  | PASS    |
|           |         |         | 1000~26500         | -6.17             | -47.53          | $\leq -26.17$  | PASS    |

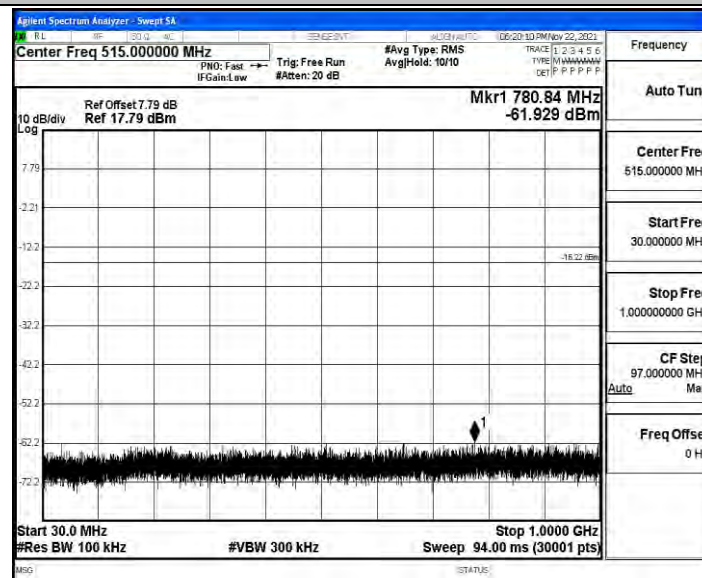


## Test Graphs

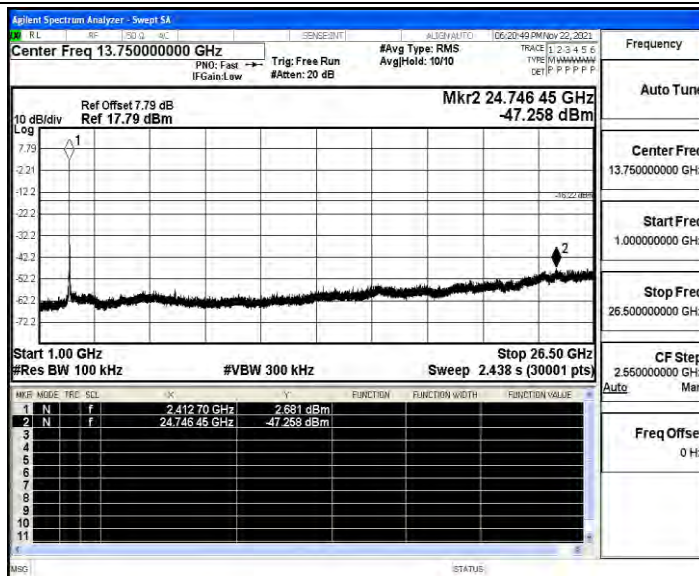
11B\_Ant0\_2412\_0~Reference



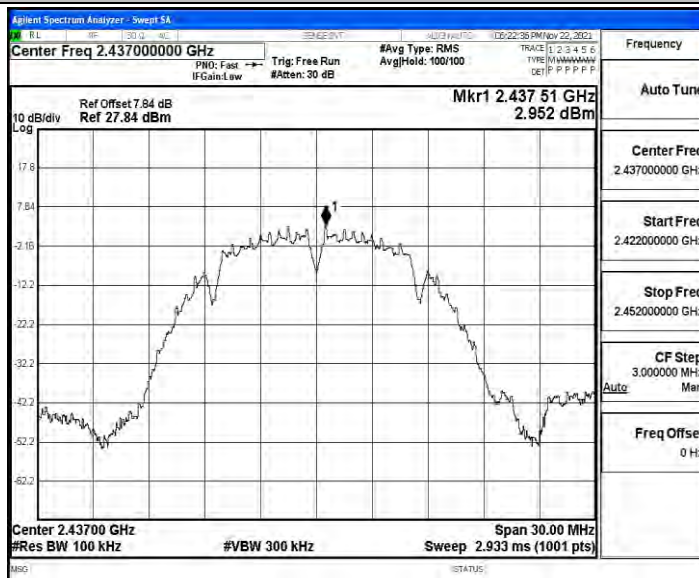
11B\_Ant0\_2412\_30~1000



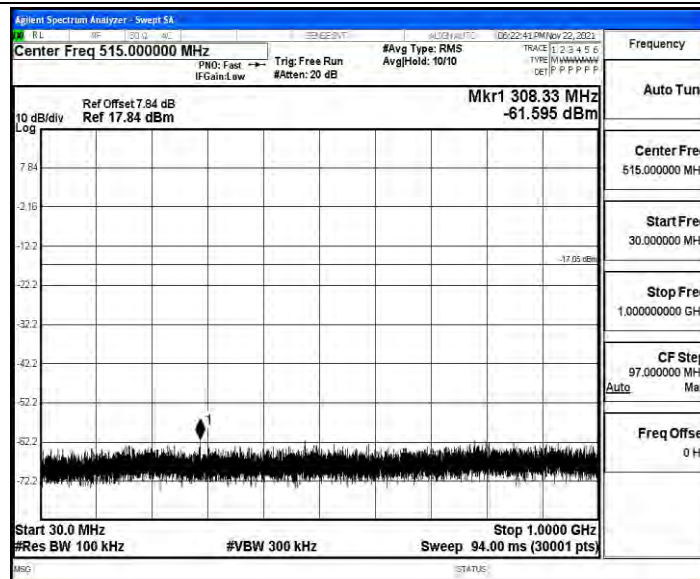
11B\_Ant0\_2412\_1000~26500



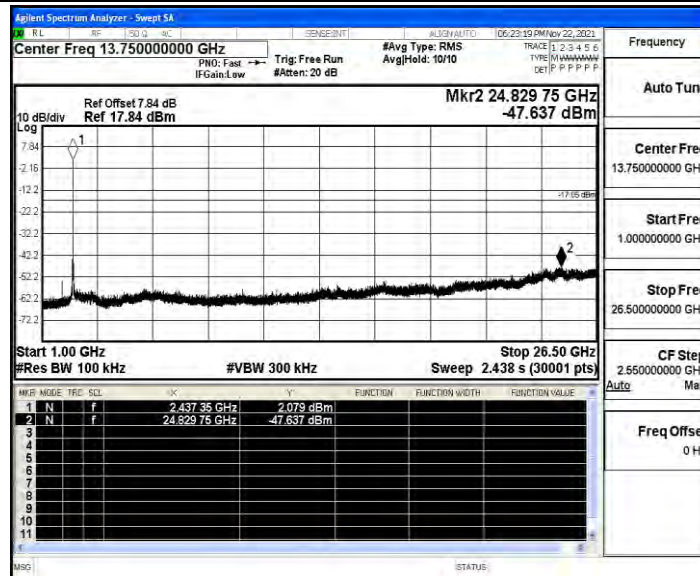
11B\_Ant0\_2437\_0~Reference



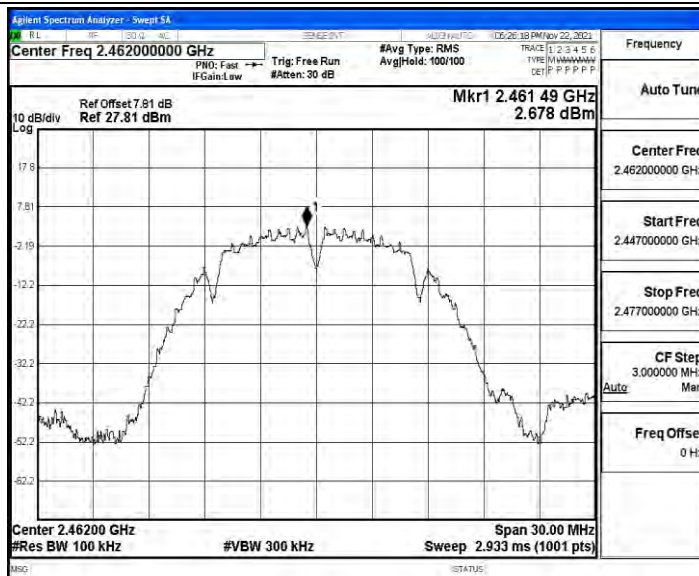
11B\_Ant0\_2437\_30~1000



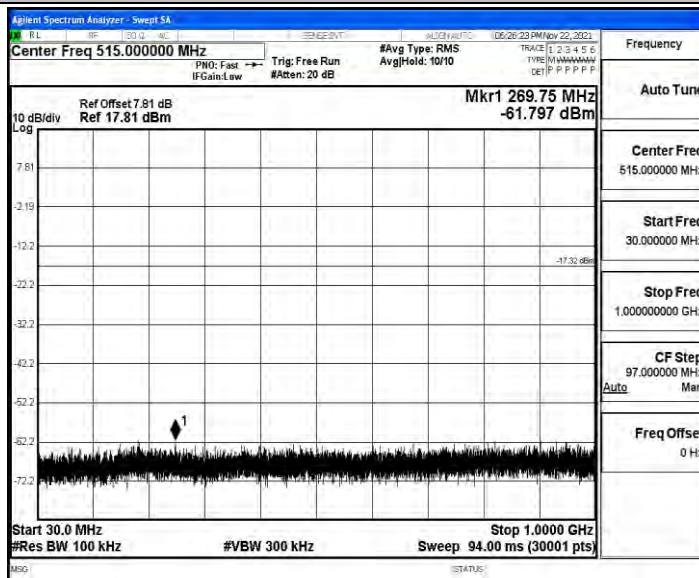
11B\_Ant0\_2437\_1000~26500



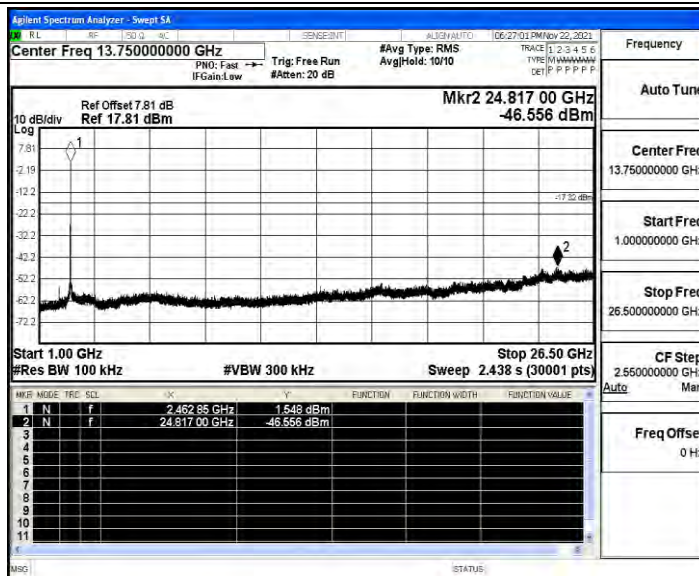
11B\_Ant0\_2462\_0~Reference



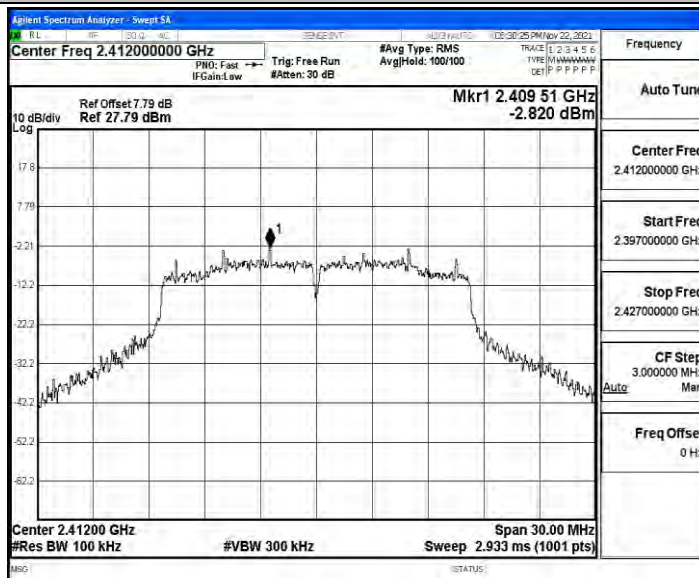
11B\_Ant0\_2462\_30~1000



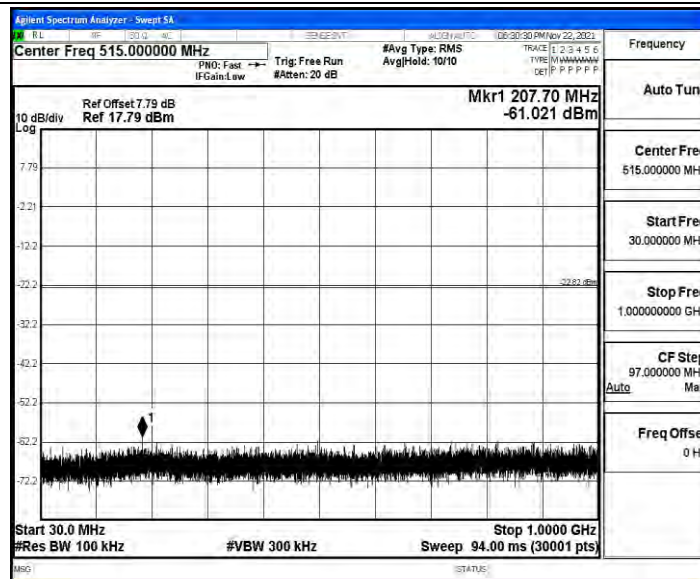
11B\_Ant0\_2462\_1000~26500



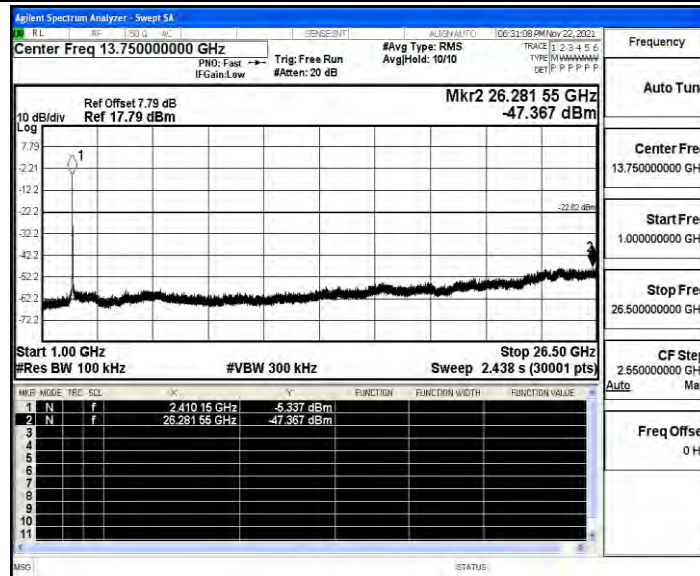
11G\_Ant0\_2412\_0~Reference



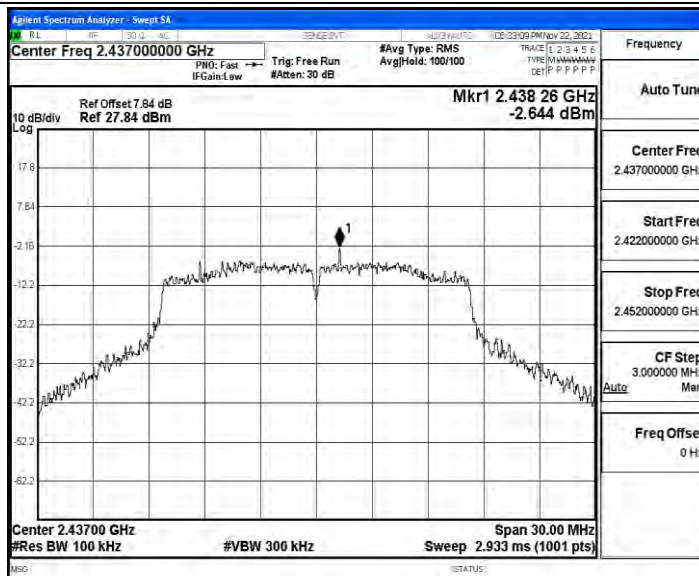
11G\_Ant0\_2412\_30~1000



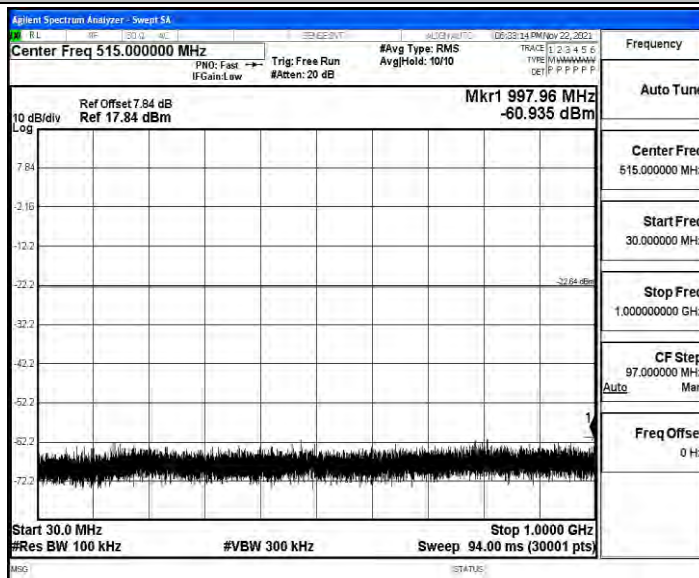
11G\_Ant0\_2412\_1000~26500



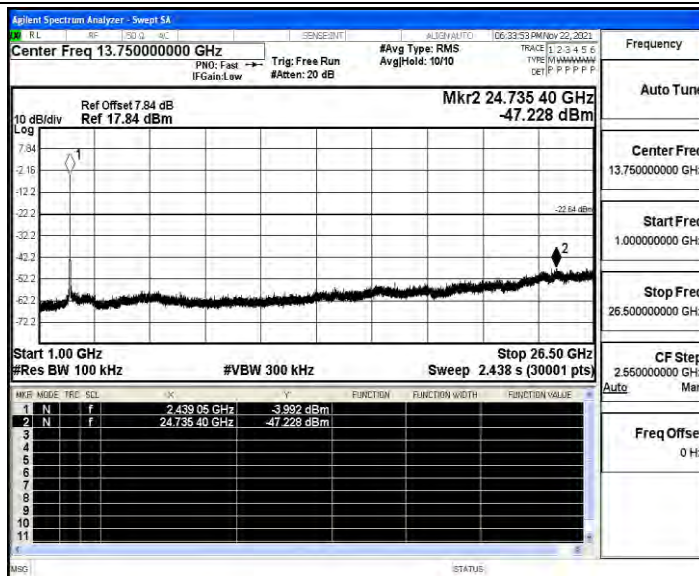
11G\_Ant0\_2437\_0~Reference



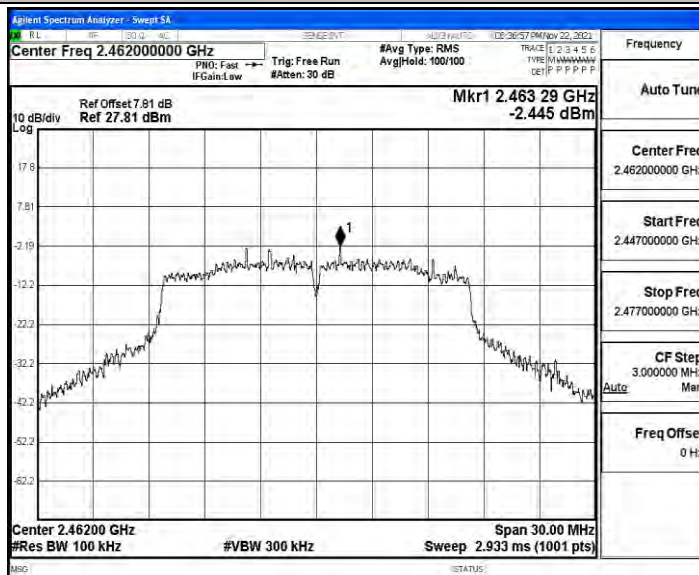
11G\_Ant0\_2437\_30~1000



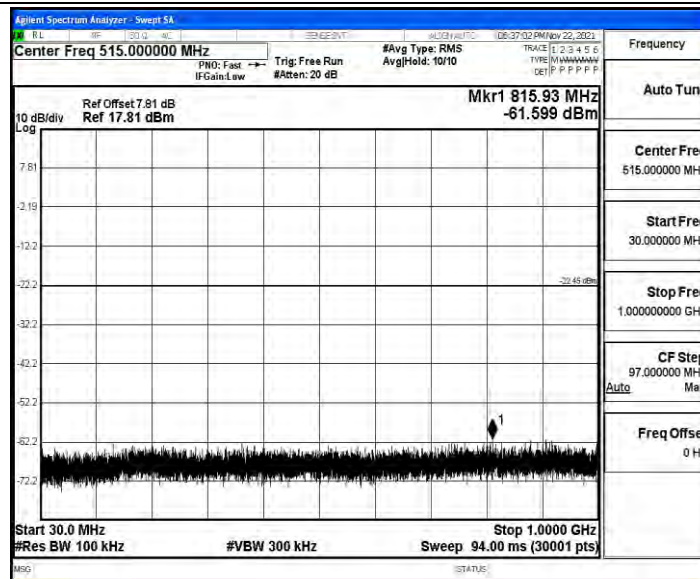
11G\_Ant0\_2437\_1000~26500



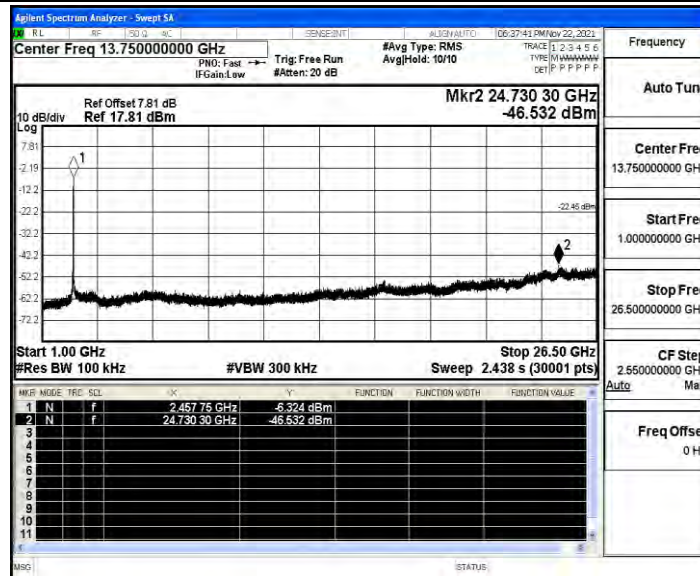
11G\_Ant0\_2462\_0~Reference



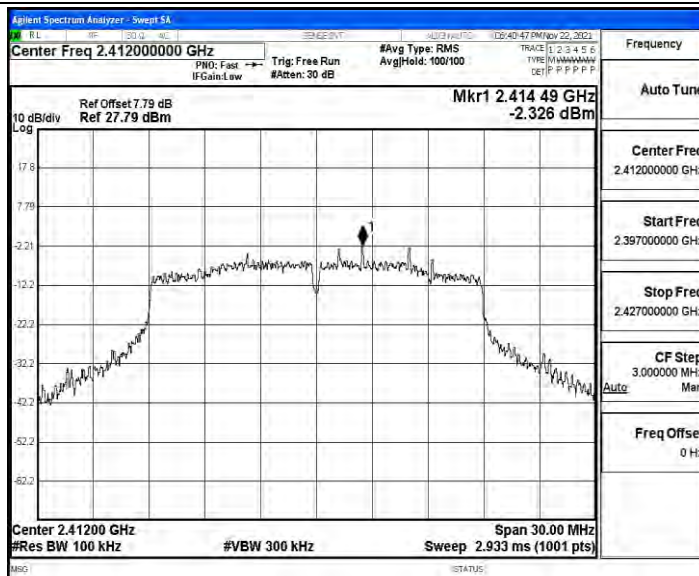
11G\_Ant0\_2462\_30~1000



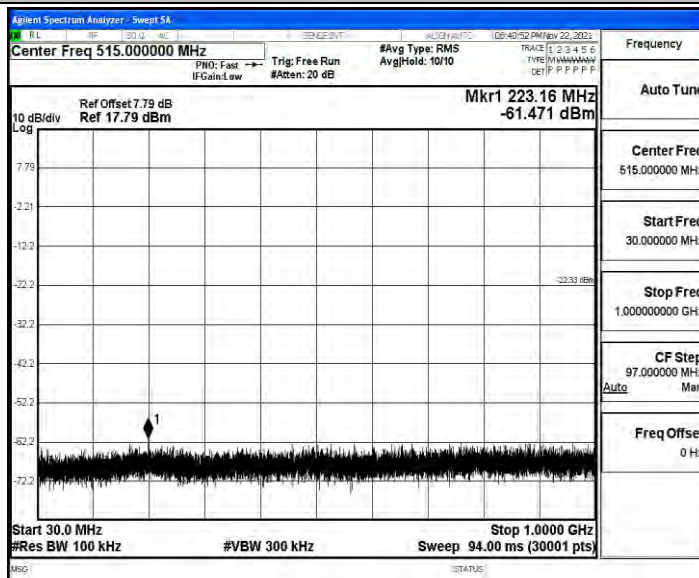
11G\_Ant0\_2462\_1000~26500



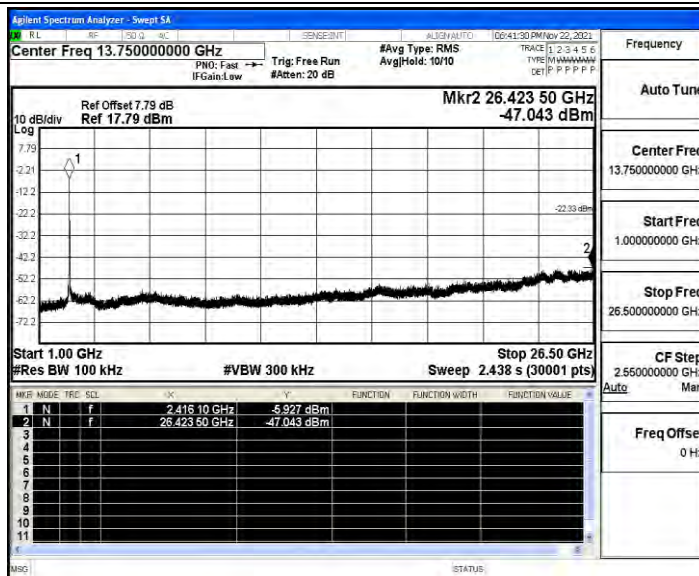
11N20SISO\_Ant0\_2412\_0~Reference



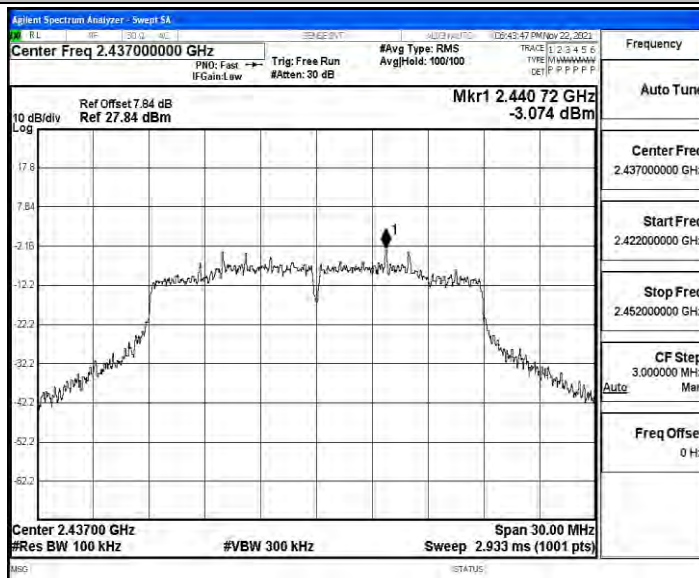
11N20SISO\_Ant0\_2412\_30~1000



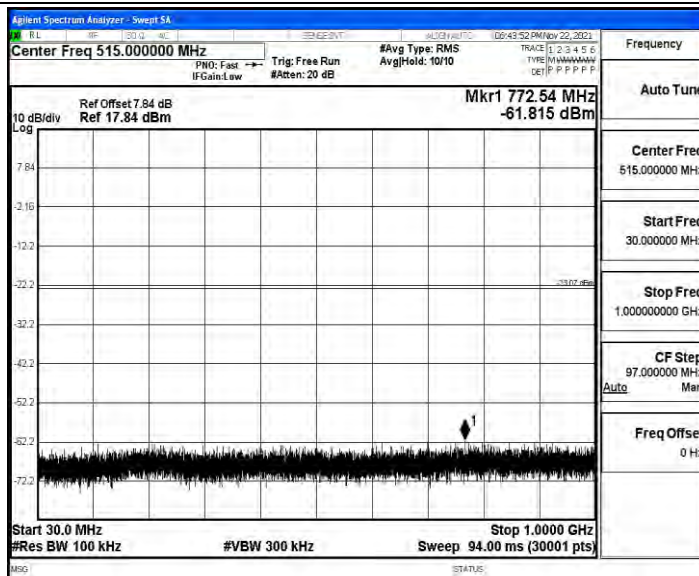
11N20SISO\_Ant0\_2412\_1000~26500



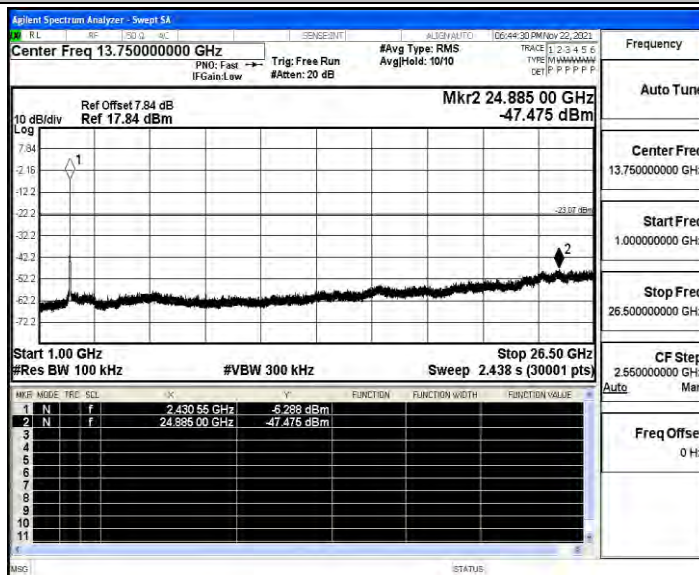
11N20SISO\_Ant0\_2437\_0~Reference



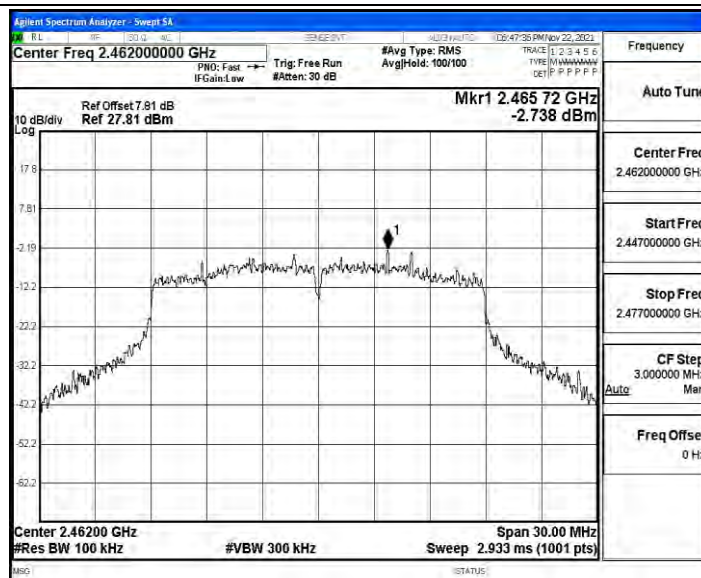
11N20SISO\_Ant0\_2437\_30~1000



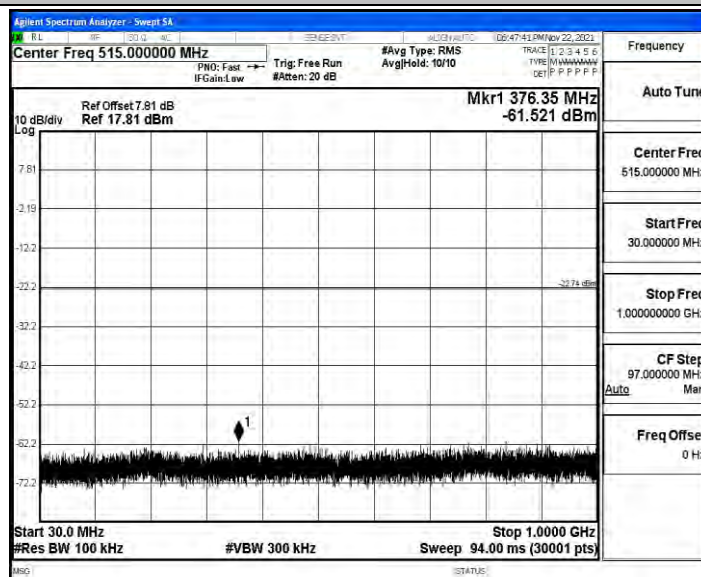
11N20SISO\_Ant0\_2437\_1000~26500



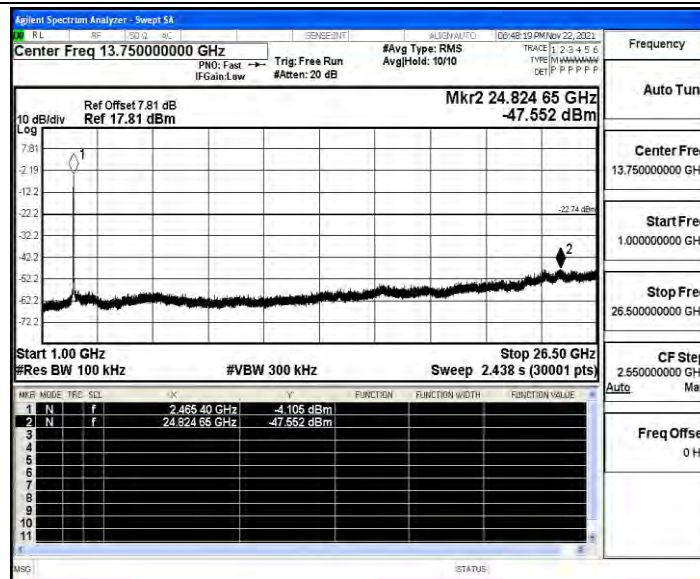
11N20SISO\_Ant0\_2462\_0~Reference



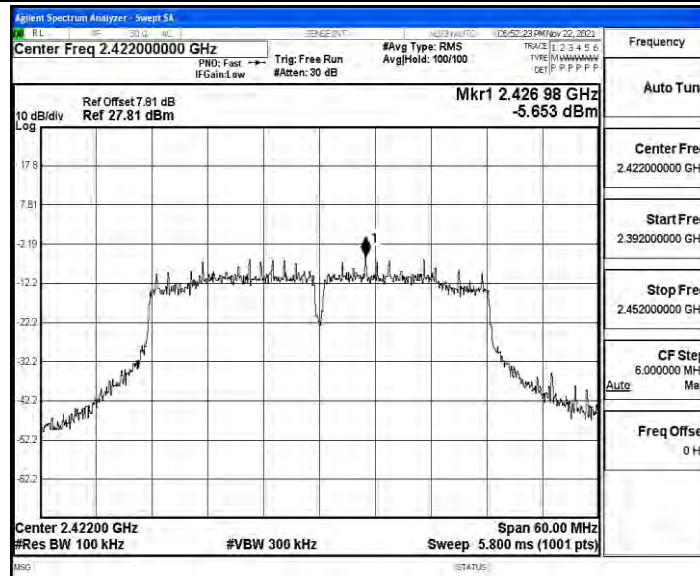
11N20SISO\_Ant0\_2462\_30~1000



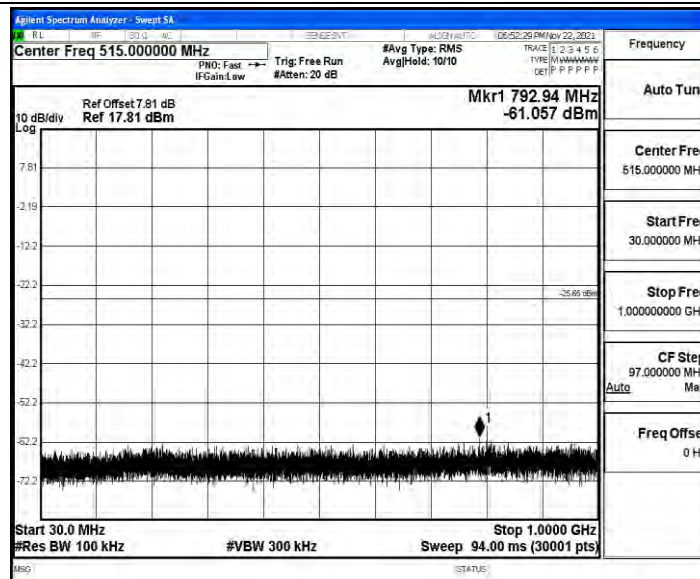
11N20SISO\_Ant0\_2462\_1000~26500



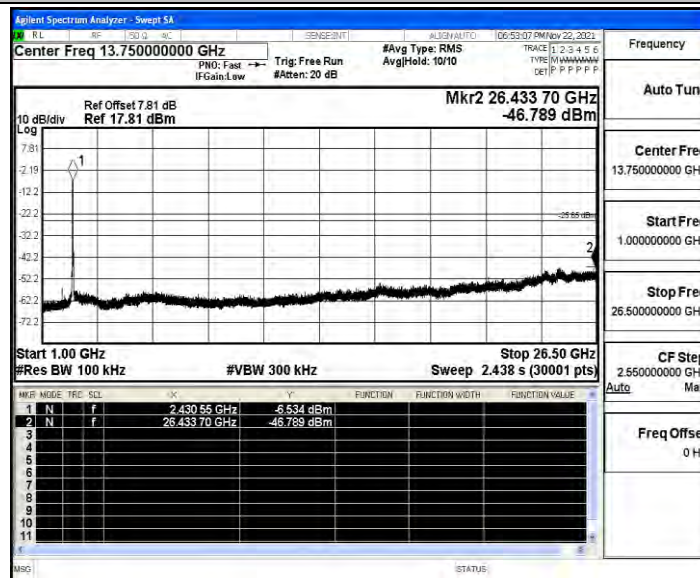
11N40SISO\_Ant0\_2422\_0~Reference



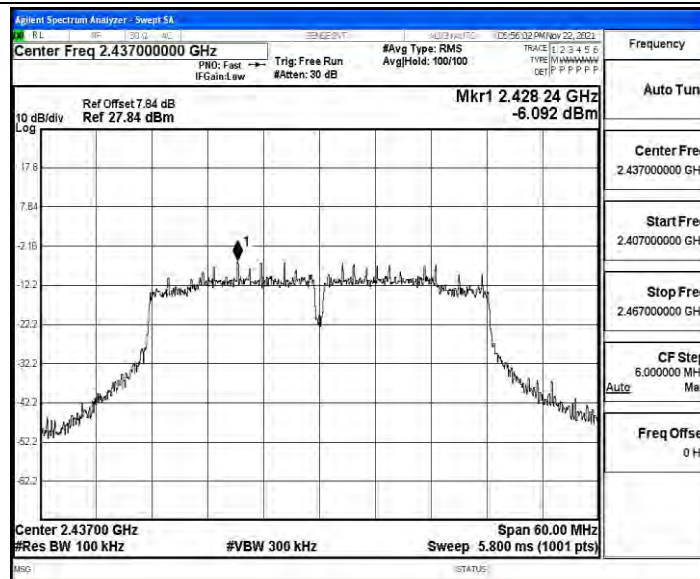
11N40SISO\_Ant0\_2422\_30~1000



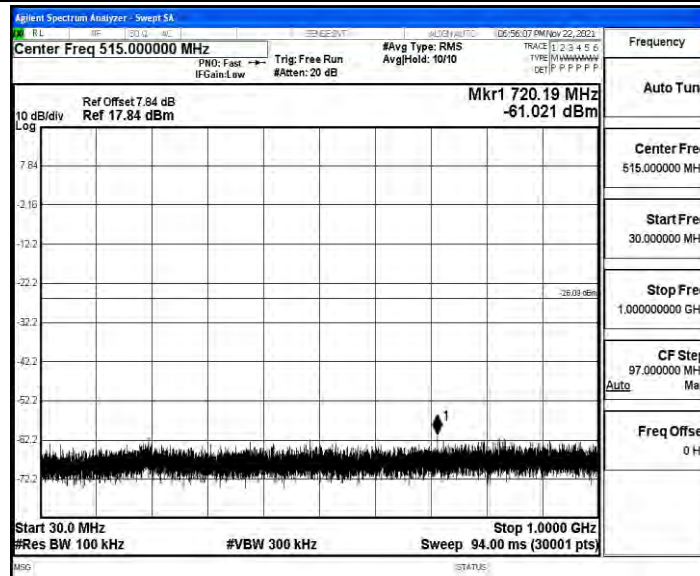
11N40SISO\_Ant0\_2422\_1000~26500



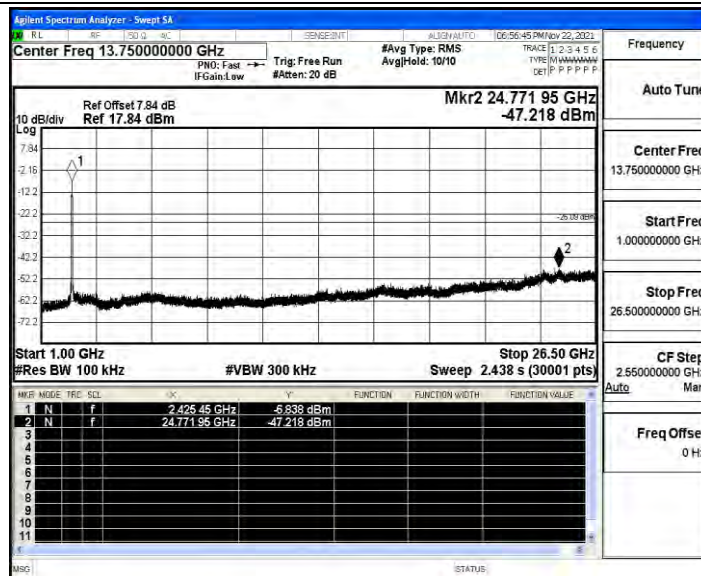
11N40SISO\_Ant0\_2437\_0~Reference



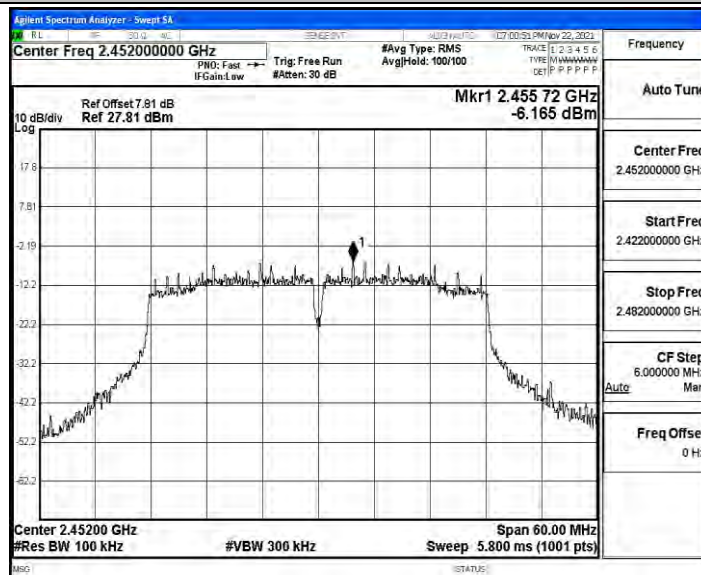
11N40SISO\_Ant0\_2437\_30~1000



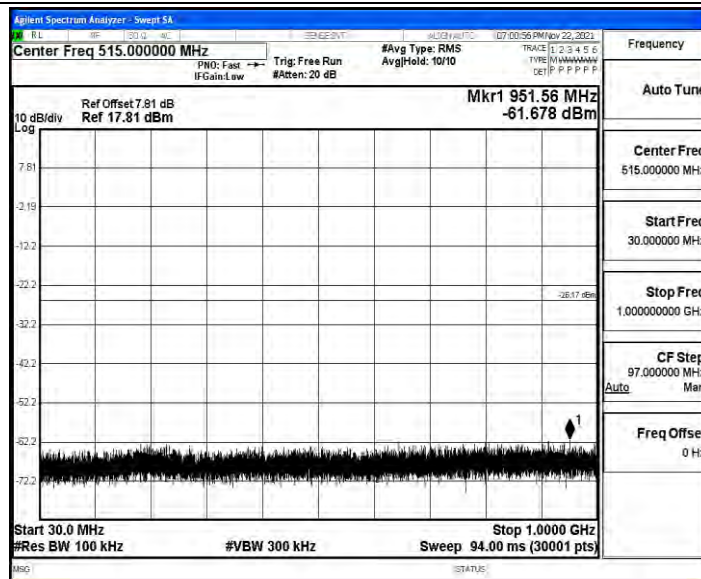
11N40SISO\_Ant0\_2437\_1000~26500



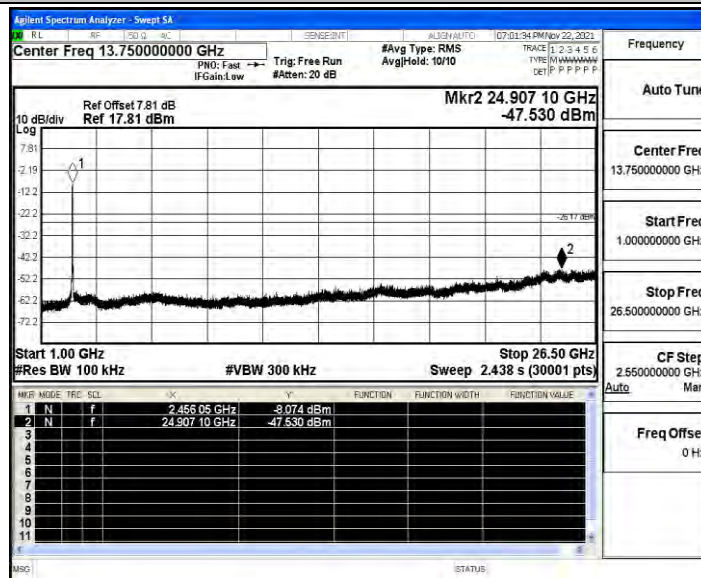
11N40SISO\_Ant0\_2452\_0~Reference



11N40SISO\_Ant0\_2452\_30~1000



11N40SISO\_Ant0\_2452\_1000~26500



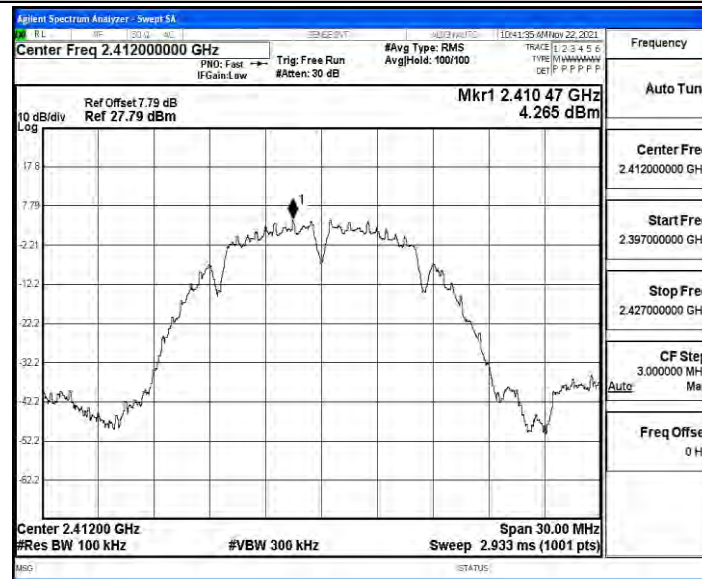


| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant1    | 2412    | Reference          | 4.27              | 4.27            | ---            | PASS    |
|           |         |         | 30~1000            | 4.27              | -61.34          | ≤-15.74        | PASS    |
|           |         |         | 1000~26500         | 4.27              | -46.9           | ≤-15.74        | PASS    |
|           |         | 2437    | Reference          | 2.85              | 2.85            | ---            | PASS    |
|           |         |         | 30~1000            | 2.85              | -61.45          | ≤-17.15        | PASS    |
|           |         |         | 1000~26500         | 2.85              | -46.52          | ≤-17.15        | PASS    |
|           |         | 2462    | Reference          | 3.50              | 3.50            | ---            | PASS    |
|           |         |         | 30~1000            | 3.50              | -61.43          | ≤-16.5         | PASS    |
|           |         |         | 1000~26500         | 3.50              | -47.23          | ≤-16.5         | PASS    |
| 11G       | Ant1    | 2412    | Reference          | -0.42             | -0.42           | ---            | PASS    |
|           |         |         | 30~1000            | -0.42             | -60.06          | ≤-20.42        | PASS    |
|           |         |         | 1000~26500         | -0.42             | -47.18          | ≤-20.42        | PASS    |
|           |         | 2437    | Reference          | -1.06             | -1.06           | ---            | PASS    |
|           |         |         | 30~1000            | -1.06             | -61.52          | ≤-21.06        | PASS    |
|           |         |         | 1000~26500         | -1.06             | -46.8           | ≤-21.06        | PASS    |
|           |         | 2462    | Reference          | -1.14             | -1.14           | ---            | PASS    |
|           |         |         | 30~1000            | -1.14             | -61.68          | ≤-21.14        | PASS    |
|           |         |         | 1000~26500         | -1.14             | -46.81          | ≤-21.14        | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference          | -0.20             | -0.20           | ---            | PASS    |
|           |         |         | 30~1000            | -0.20             | -61.04          | ≤-20.2         | PASS    |
|           |         |         | 1000~26500         | -0.20             | -46.94          | ≤-20.2         | PASS    |
|           |         | 2437    | Reference          | -1.33             | -1.33           | ---            | PASS    |
|           |         |         | 30~1000            | -1.33             | -61.79          | ≤-21.33        | PASS    |
|           |         |         | 1000~26500         | -1.33             | -47.18          | ≤-21.33        | PASS    |
|           |         | 2462    | Reference          | -1.32             | -1.32           | ---            | PASS    |
|           |         |         | 30~1000            | -1.32             | -62             | ≤-21.32        | PASS    |
|           |         |         | 1000~26500         | -1.32             | -47.41          | ≤-21.32        | PASS    |
| 11N40SISO | Ant1    | 2422    | Reference          | -3.88             | -3.88           | ---            | PASS    |
|           |         |         | 30~1000            | -3.88             | -60.95          | ≤-23.88        | PASS    |
|           |         |         | 1000~26500         | -3.88             | -47.18          | ≤-23.88        | PASS    |
|           |         | 2437    | Reference          | -3.96             | -3.96           | ---            | PASS    |
|           |         |         | 30~1000            | -3.96             | -61.78          | ≤-23.96        | PASS    |
|           |         |         | 1000~26500         | -3.96             | -47.09          | ≤-23.96        | PASS    |
|           |         | 2452    | Reference          | -3.99             | -3.99           | ---            | PASS    |
|           |         |         | 30~1000            | -3.99             | -61.16          | ≤-23.99        | PASS    |
|           |         |         | 1000~26500         | -3.99             | -46.74          | ≤-23.99        | PASS    |

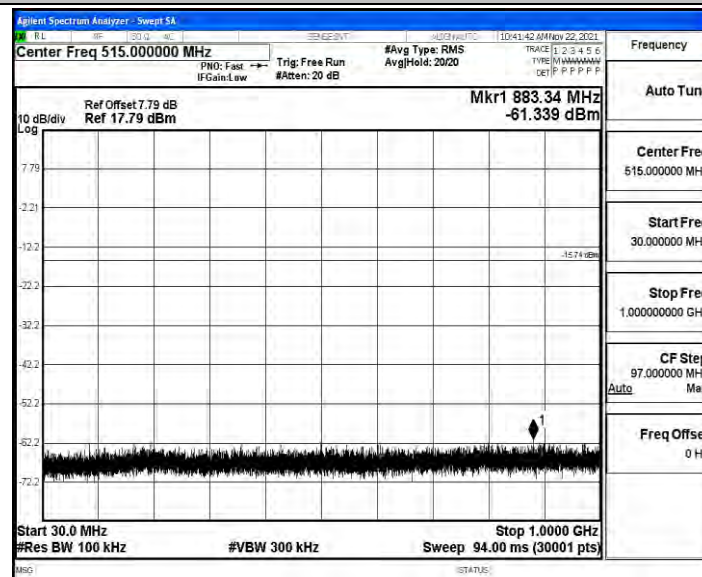


## Test Graphs

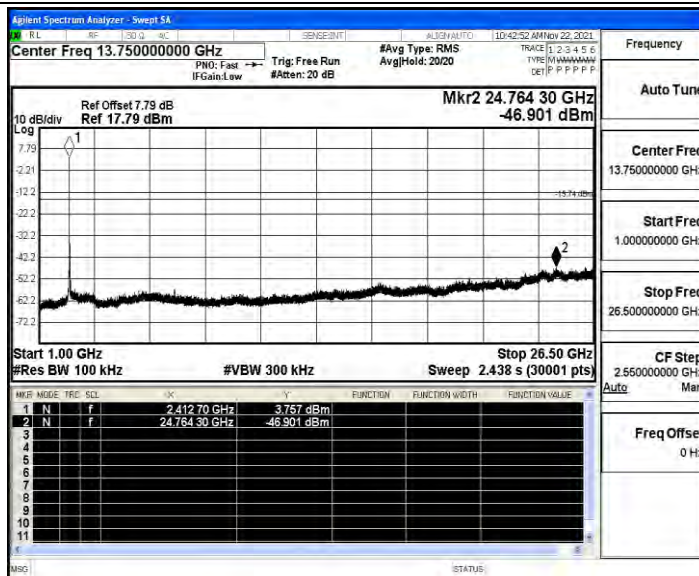
11B\_Ant1\_2412\_0~Reference



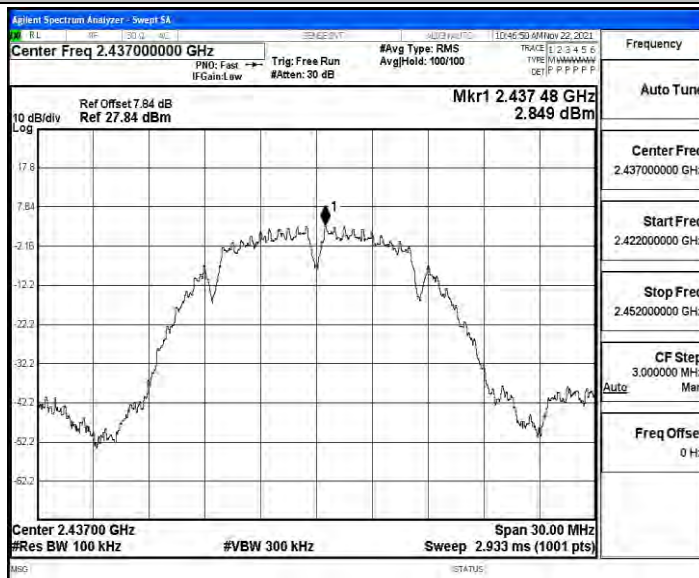
11B\_Ant1\_2412\_30~1000



11B\_Ant1\_2412\_1000~26500



11B\_Ant1\_2437\_0~Reference



11B\_Ant1\_2437\_30~1000