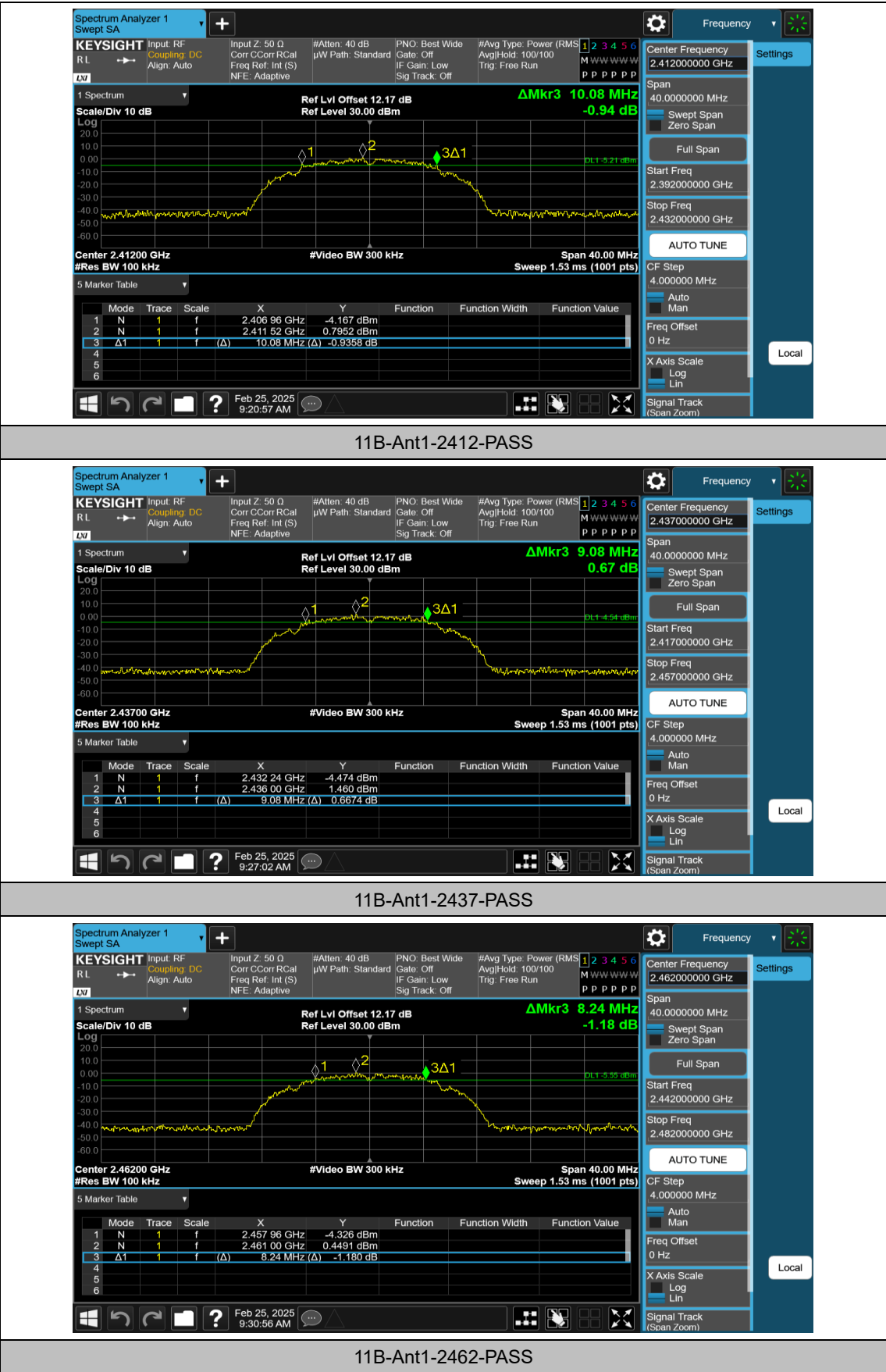


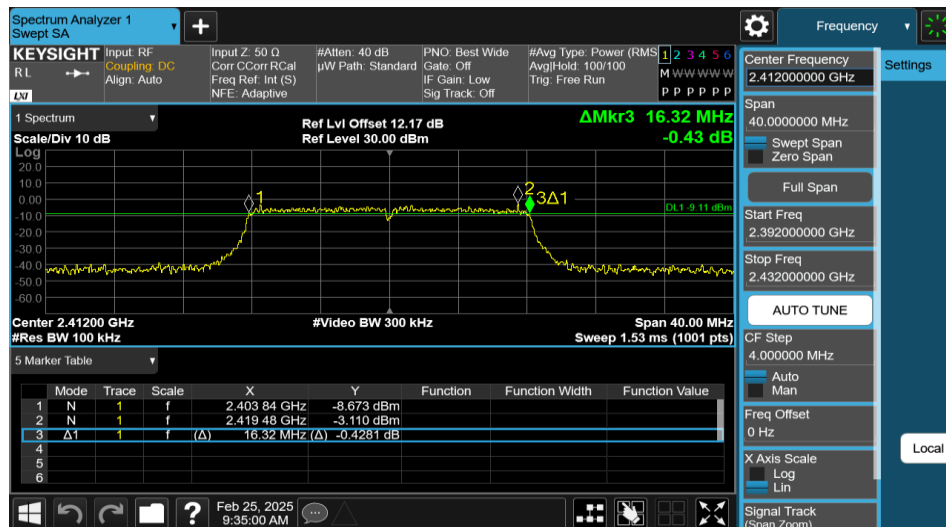
## Appendix A: DTS Bandwidth

### Test Result

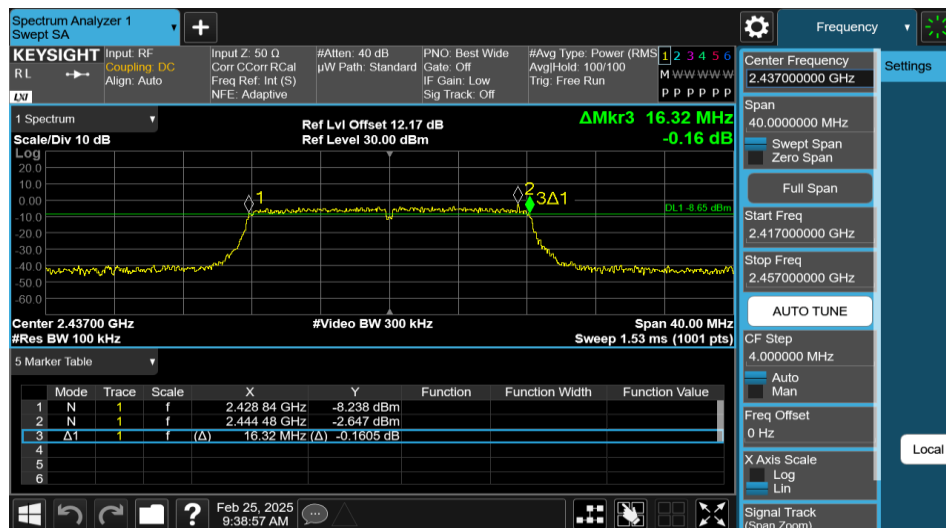
| TestMode  | Antenna | Frequency[MHz] | DTS BW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|-----------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412           | 10.080          | 2406.960 | 2417.040 | 0.5        | PASS    |
| 11B       | Ant1    | 2437           | 9.080           | 2432.240 | 2441.320 | 0.5        | PASS    |
| 11B       | Ant1    | 2462           | 8.240           | 2457.960 | 2466.200 | 0.5        | PASS    |
| 11G       | Ant1    | 2412           | 16.320          | 2403.840 | 2420.160 | 0.5        | PASS    |
| 11G       | Ant1    | 2437           | 16.320          | 2428.840 | 2445.160 | 0.5        | PASS    |
| 11G       | Ant1    | 2462           | 16.320          | 2453.840 | 2470.160 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412           | 16.280          | 2403.840 | 2420.120 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2437           | 16.320          | 2428.840 | 2445.160 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2462           | 15.800          | 2454.080 | 2469.880 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2422           | 34.400          | 2404.480 | 2438.880 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2437           | 34.400          | 2420.120 | 2454.520 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2452           | 30.080          | 2437.840 | 2467.920 | 0.5        | PASS    |

Test Graphs

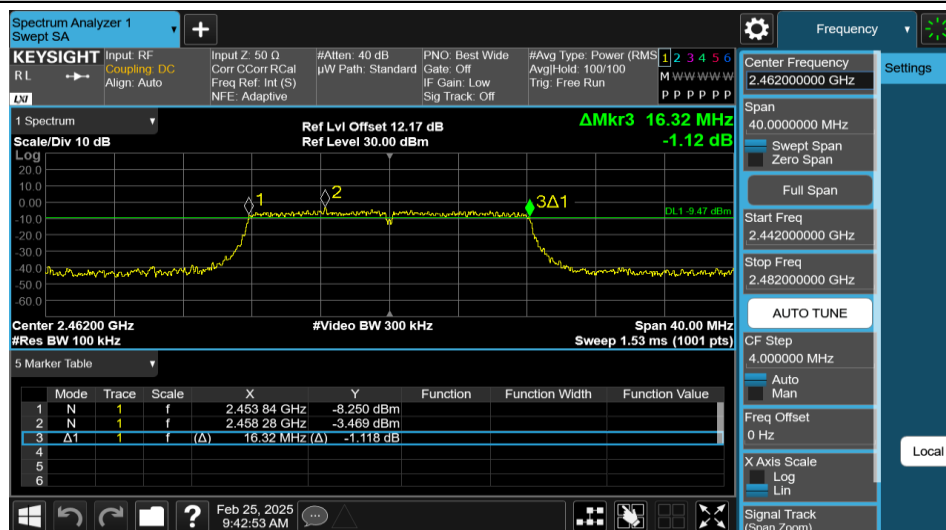




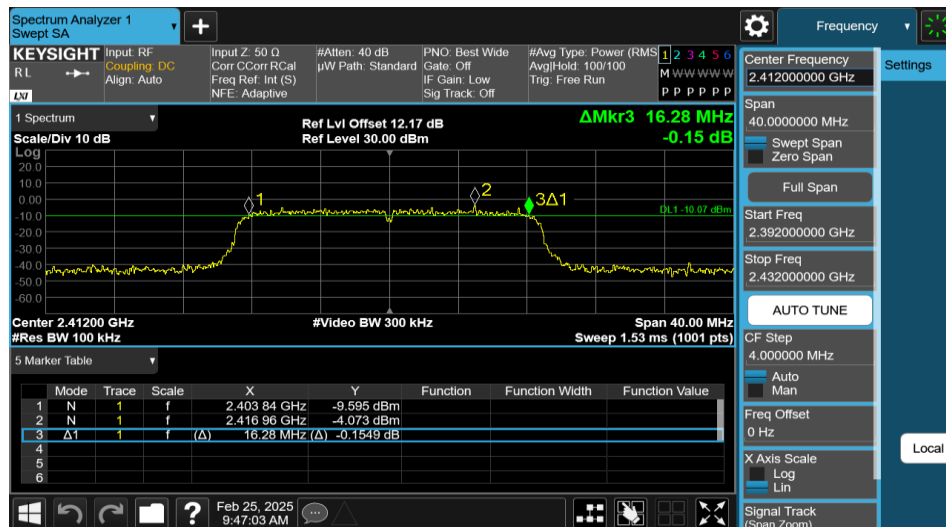
11G-Ant1-2412-PASS



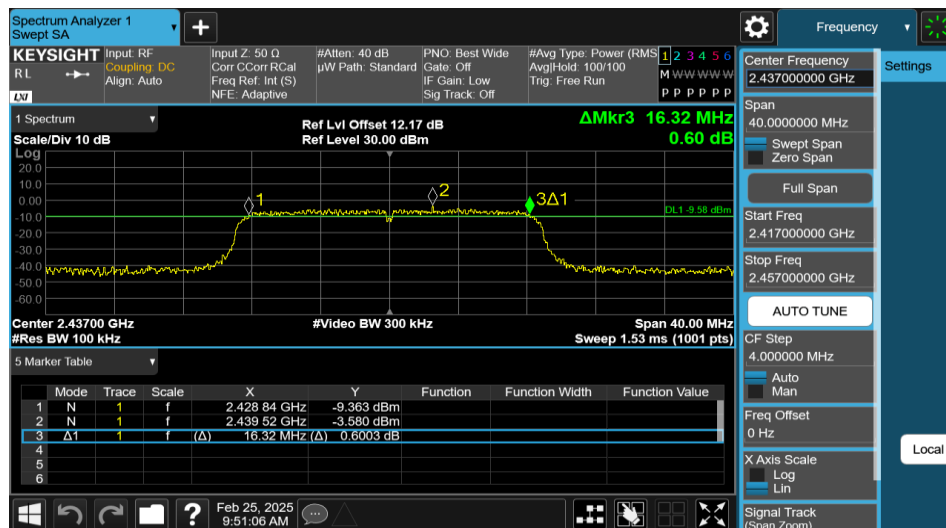
11G-Ant1-2437-PASS



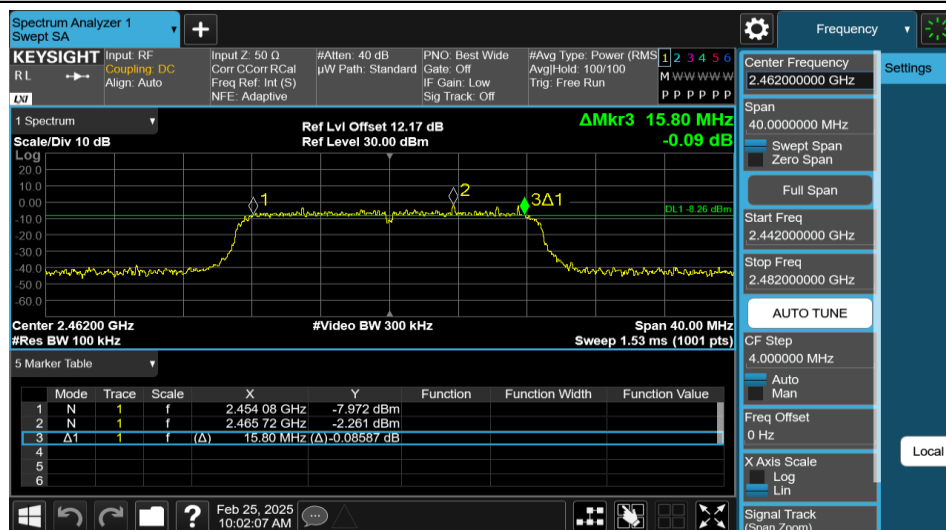
11G-Ant1-2462-PASS



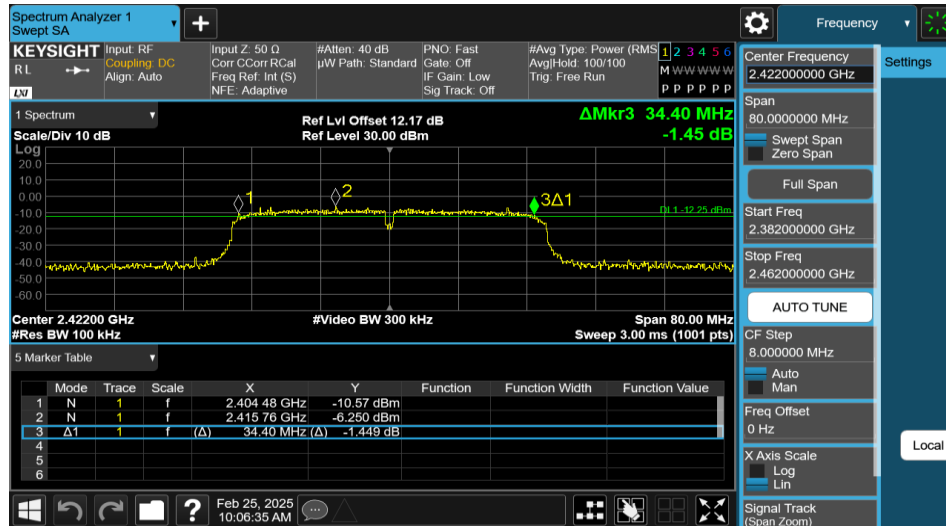
11N20SISO-Ant1-2412-PASS



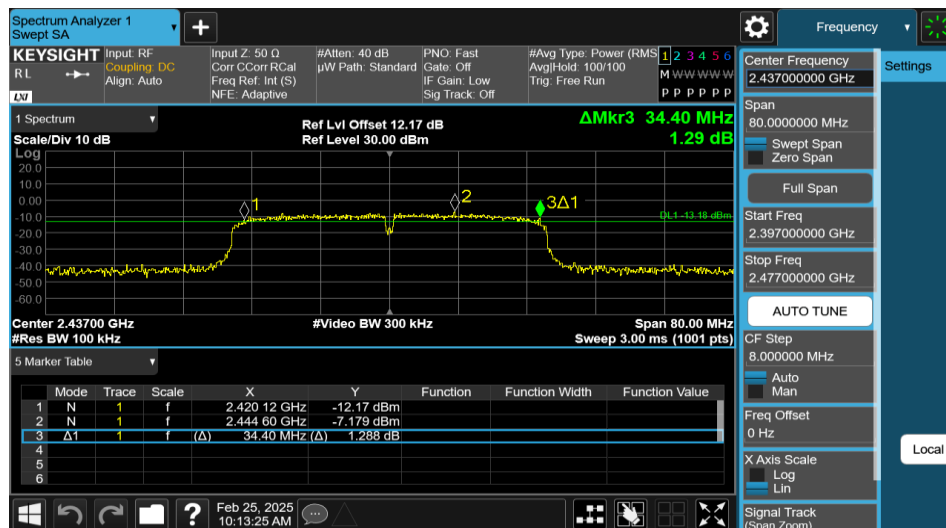
11N20SISO-Ant1-2437-PASS



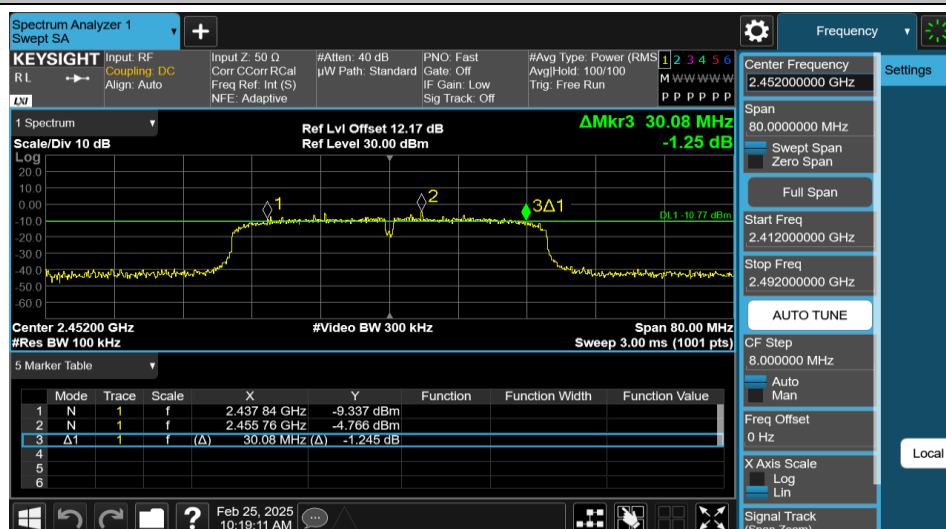
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



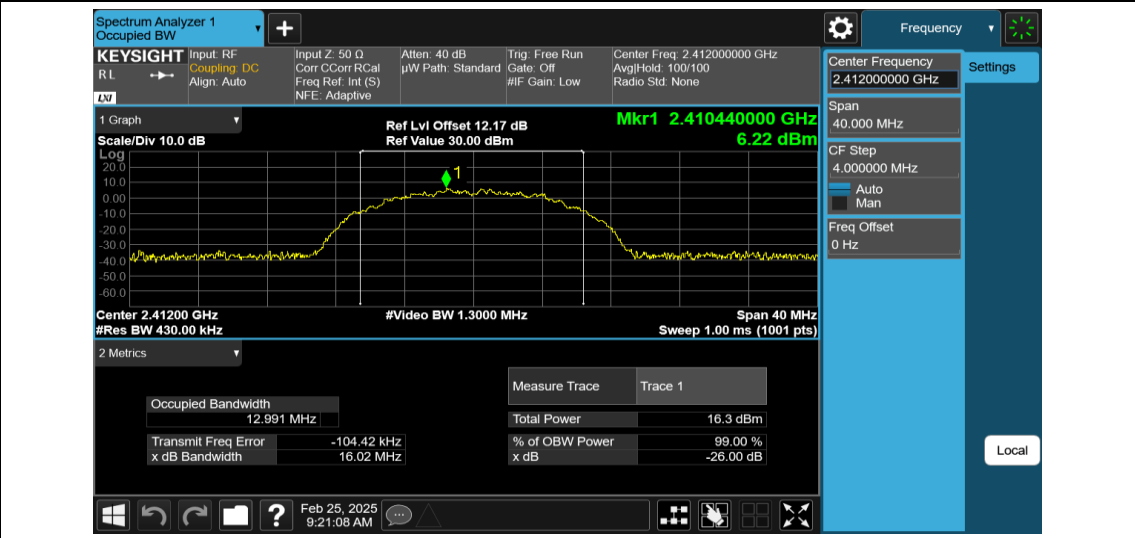
11N40SISO-Ant1-2452-PASS

## Appendix B: Occupied Channel Bandwidth

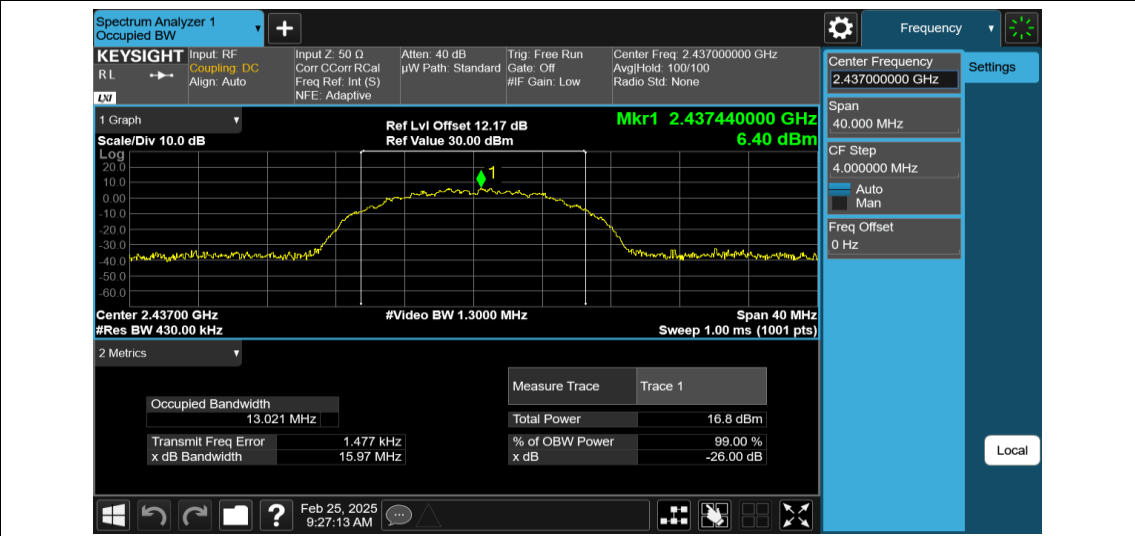
### Test Result

| TestMode  | Antenna | Channel<br>Frequency[MHz] | OCB<br>[MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|---------------------------|--------------|-----------|-----------|------------|---------|
| 11B       | Ant1    | 2412                      | 12.991       | 2405.4001 | 2418.3911 | ---        | ---     |
| 11B       | Ant1    | 2437                      | 13.021       | 2430.4910 | 2443.5120 | ---        | ---     |
| 11B       | Ant1    | 2462                      | 13.062       | 2455.4152 | 2468.4772 | ---        | ---     |
| 11G       | Ant1    | 2412                      | 16.429       | 2403.7777 | 2420.2067 | ---        | ---     |
| 11G       | Ant1    | 2437                      | 16.397       | 2428.8114 | 2445.2084 | ---        | ---     |
| 11G       | Ant1    | 2462                      | 16.447       | 2453.7658 | 2470.2128 | ---        | ---     |
| 11N20SISO | Ant1    | 2412                      | 17.147       | 2403.4061 | 2420.5531 | ---        | ---     |
| 11N20SISO | Ant1    | 2437                      | 17.171       | 2428.4210 | 2445.5920 | ---        | ---     |
| 11N20SISO | Ant1    | 2462                      | 17.219       | 2453.3874 | 2470.6064 | ---        | ---     |
| 11N40SISO | Ant1    | 2422                      | 35.415       | 2404.2390 | 2439.6540 | ---        | ---     |
| 11N40SISO | Ant1    | 2437                      | 35.360       | 2419.3219 | 2454.6819 | ---        | ---     |
| 11N40SISO | Ant1    | 2452                      | 35.332       | 2434.3931 | 2469.7251 | ---        | ---     |

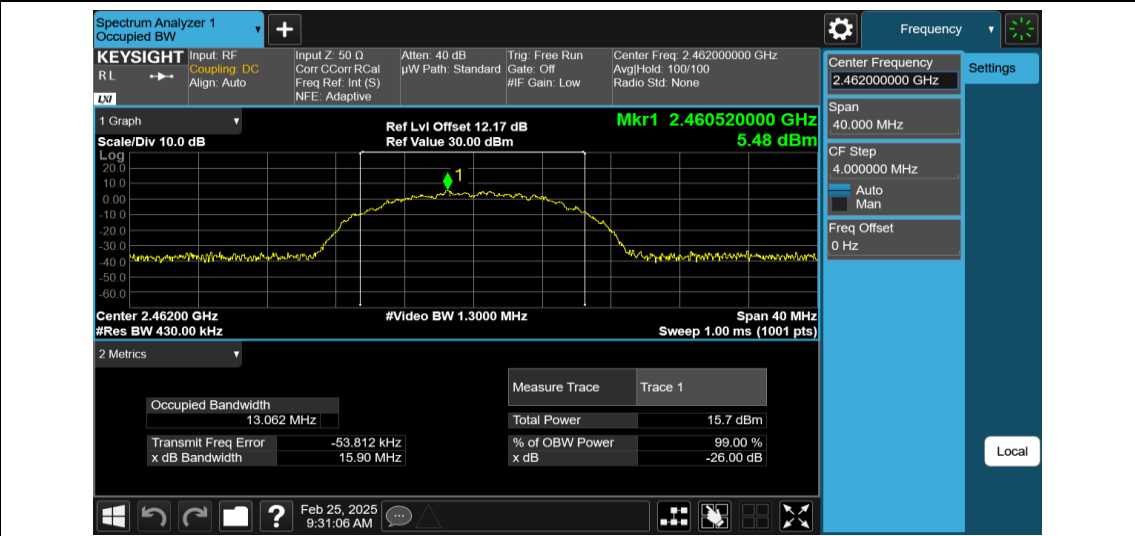
Test Graphs



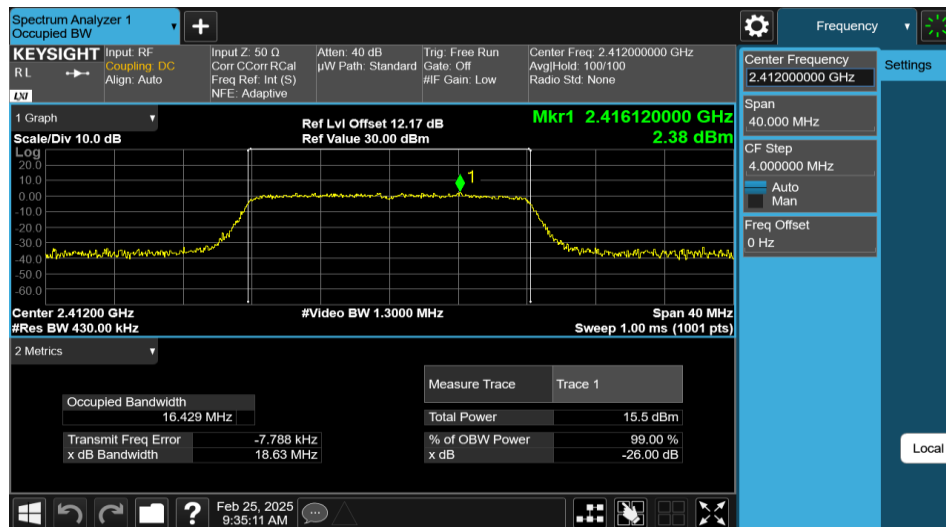
11B-Ant1-2412



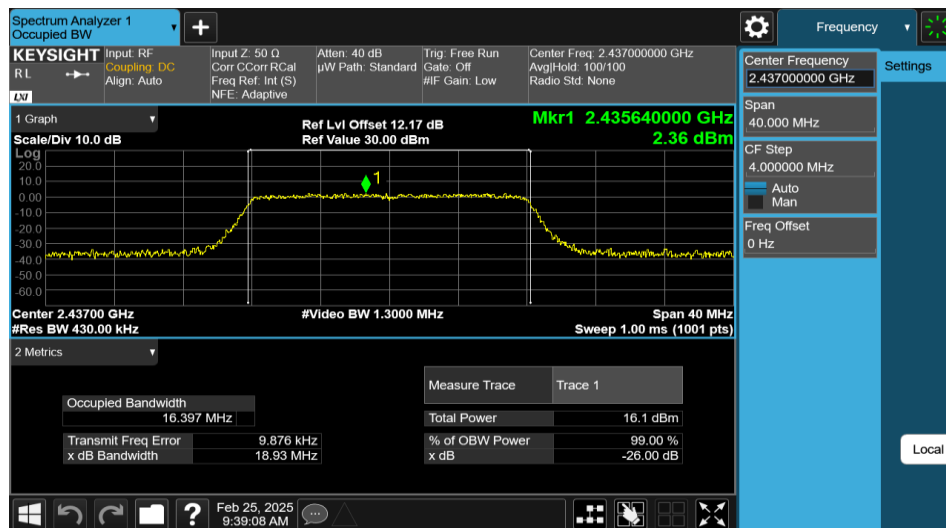
11B-Ant1-2437



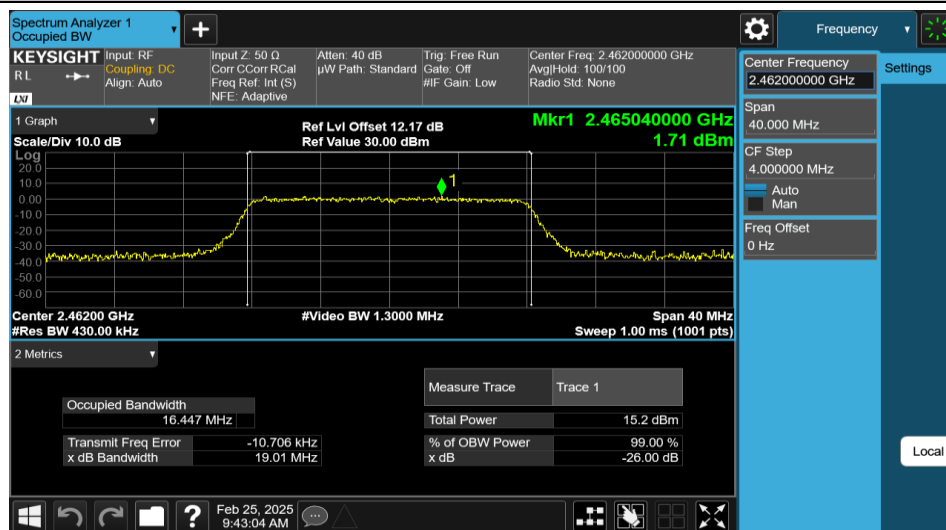
11B-Ant1-2462



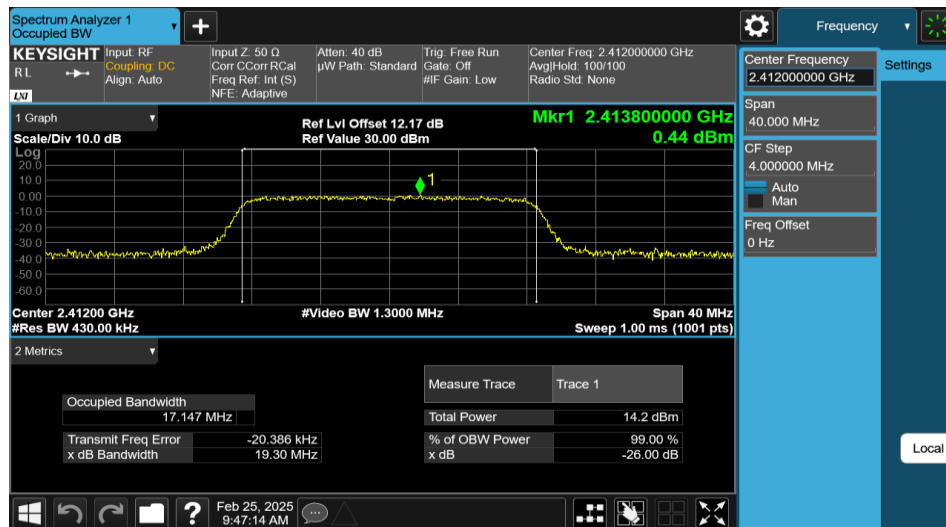
11G-Ant1-2412



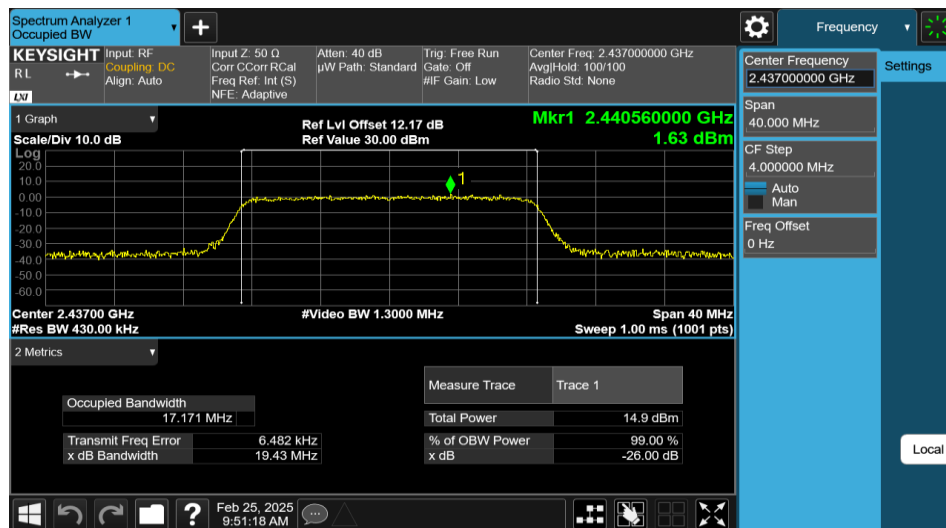
11G-Ant1-2437



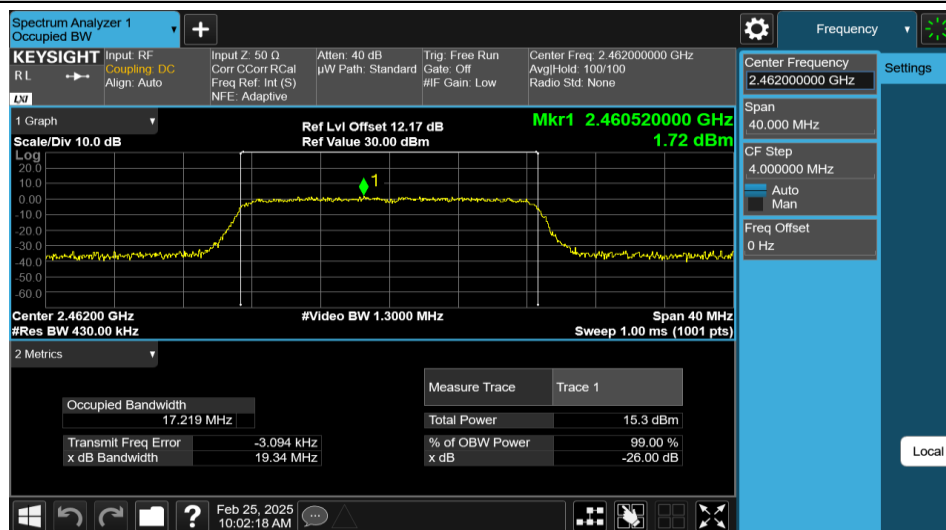
11G-Ant1-2462



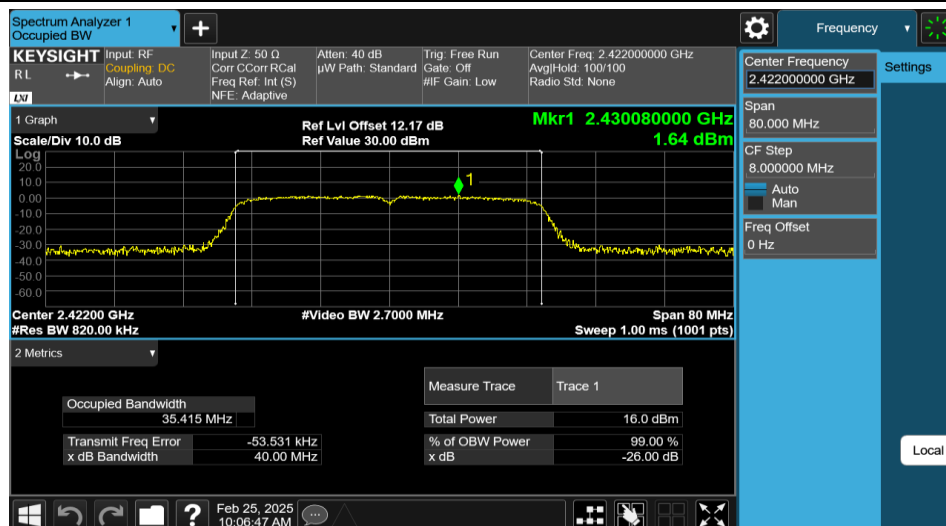
11N20SISO-Ant1-2412



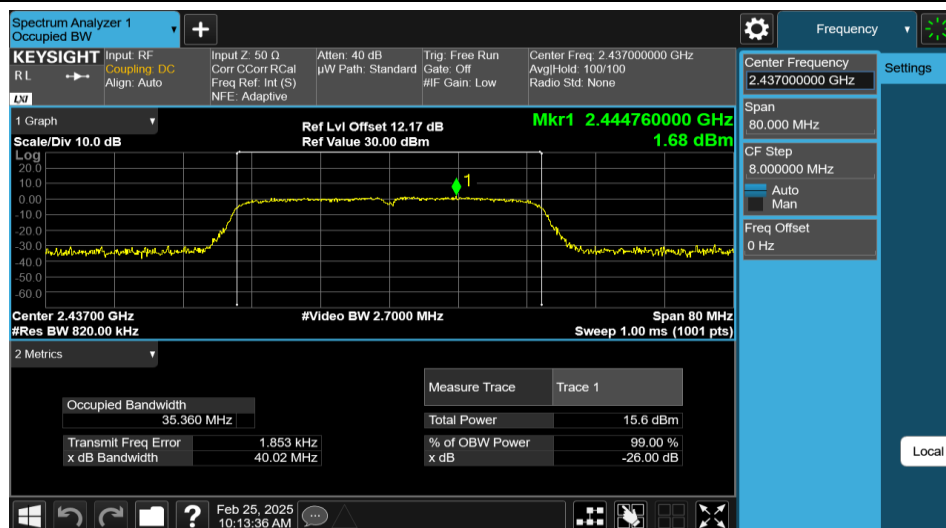
11N20SISO-Ant1-2437



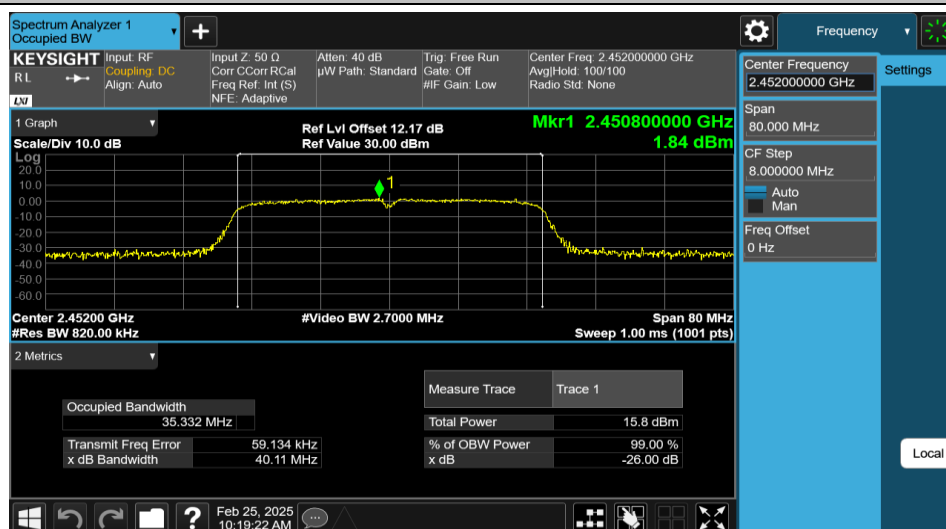
11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437



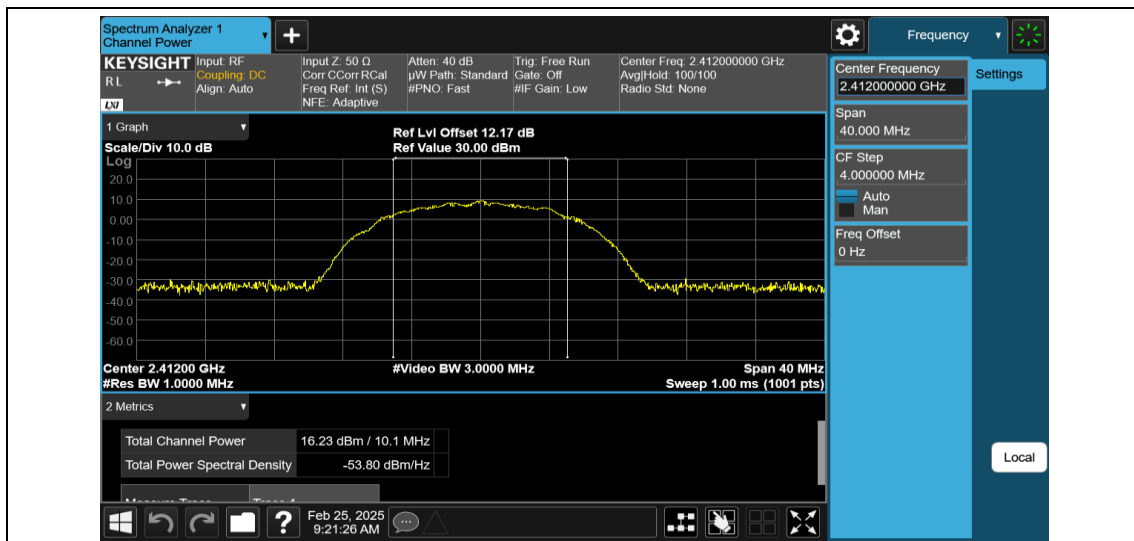
11N40SISO-Ant1-2452

## Appendix C: Maximum conducted output power

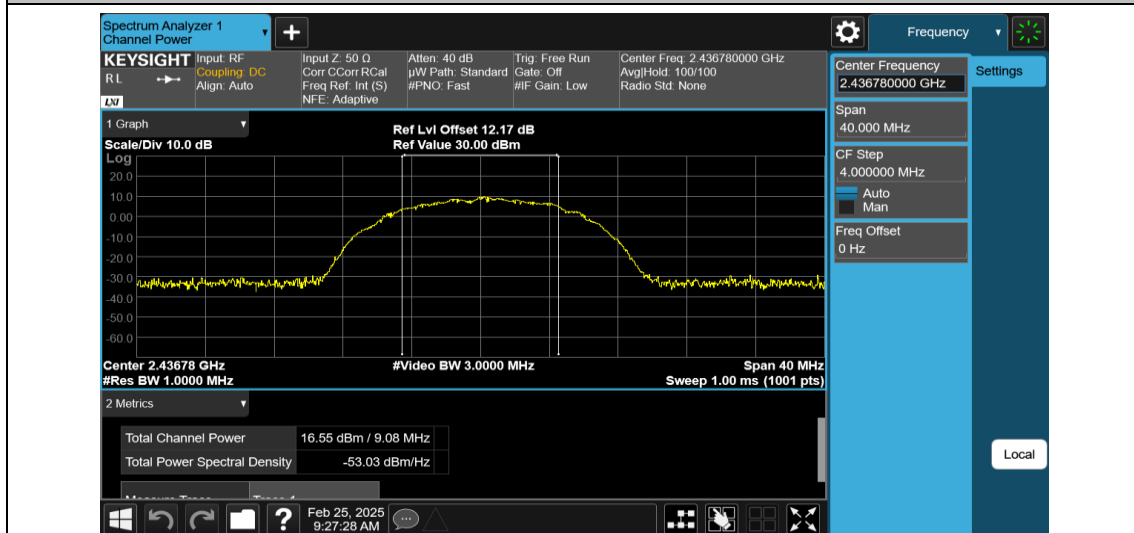
### Test Result Average

| Test Mode     | Frequency [MHz] | Average power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm]      | Gain [dBi] | EIRP [dBm] | EIRP Limit [dBm] | Verdict |
|---------------|-----------------|---------------------|----------------|-----------------|--------------|------------------|------------|------------|------------------|---------|
| 11B           | 2412            | 16.23               | 0              | 0               | 16.23        | $\leq 30.0$<br>0 | 3.00       | 19.23      | $\leq 36.00$     | PASS    |
| 11B           | 2437            | 16.55               | 0              | 0               | 16.55        | $\leq 30.0$<br>0 | 3.00       | 19.55      | $\leq 36.00$     | PASS    |
| 11B           | 2462            | 15.29               | 0              | 0               | 15.29        | $\leq 30.0$<br>0 | 3.00       | 18.29      | $\leq 36.00$     | PASS    |
| 11G           | 2412            | 16.60               | 0              | 0               | 16.60        | $\leq 30.0$<br>0 | 3.00       | 19.60      | $\leq 36.00$     | PASS    |
| 11G           | 2437            | 17.23               | 0              | 0               | 17.23        | $\leq 30.0$<br>0 | 3.00       | 20.23      | $\leq 36.00$     | PASS    |
| 11G           | 2462            | 16.28               | 0              | 0               | 16.28        | $\leq 30.0$<br>0 | 3.00       | 19.28      | $\leq 36.00$     | PASS    |
| 11N20SI<br>SO | 2412            | 15.18               | 0              | 0               | 15.18        | $\leq 30.0$<br>0 | 3.00       | 18.18      | $\leq 36.00$     | PASS    |
| 11N20SI<br>SO | 2437            | 15.85               | 0              | 0               | 15.85        | $\leq 30.0$<br>0 | 3.00       | 18.85      | $\leq 36.00$     | PASS    |
| 11N20SI<br>SO | 2462            | 16.08               | 0              | 0               | 16.08        | $\leq 30.0$<br>0 | 3.00       | 19.08      | $\leq 36.00$     | PASS    |
| 11N40SI<br>SO | 2422            | 16.31               | 0              | 0               | 16.31        | $\leq 30.0$<br>0 | 3.00       | 19.31      | $\leq 36.00$     | PASS    |
| 11N40SI<br>SO | 2437            | 15.86               | 0              | 0               | 15.86        | $\leq 30.0$<br>0 | 3.00       | 18.86      | $\leq 36.00$     | PASS    |
| 11N40SI<br>SO | 2452            | 15.63               | 0              | 0               | 15.63        | $\leq 30.0$<br>0 | 3.00       | 18.63      | $\leq 36.00$     | PASS    |

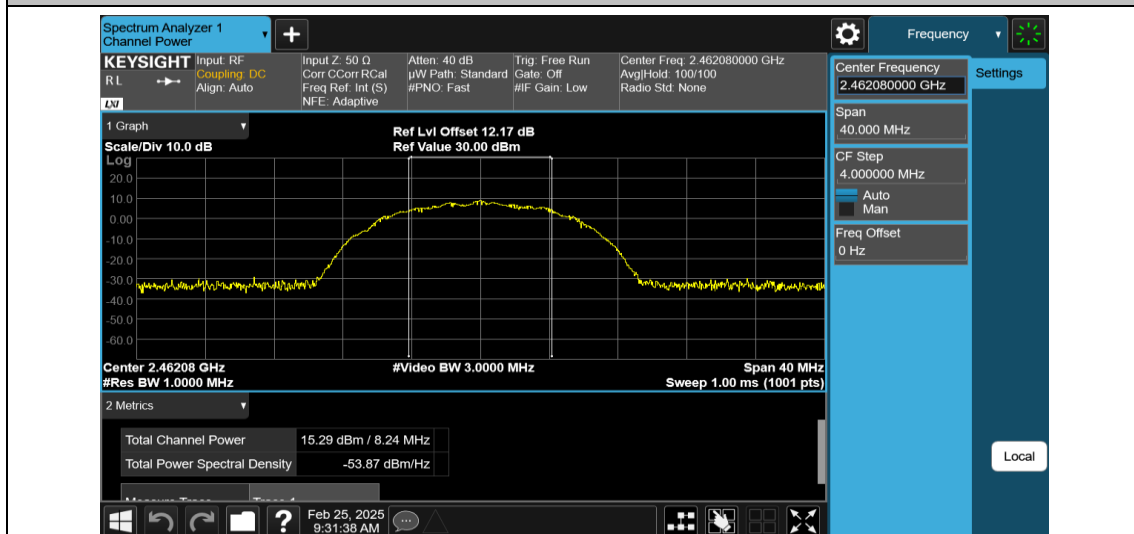
## Test Graphs Average



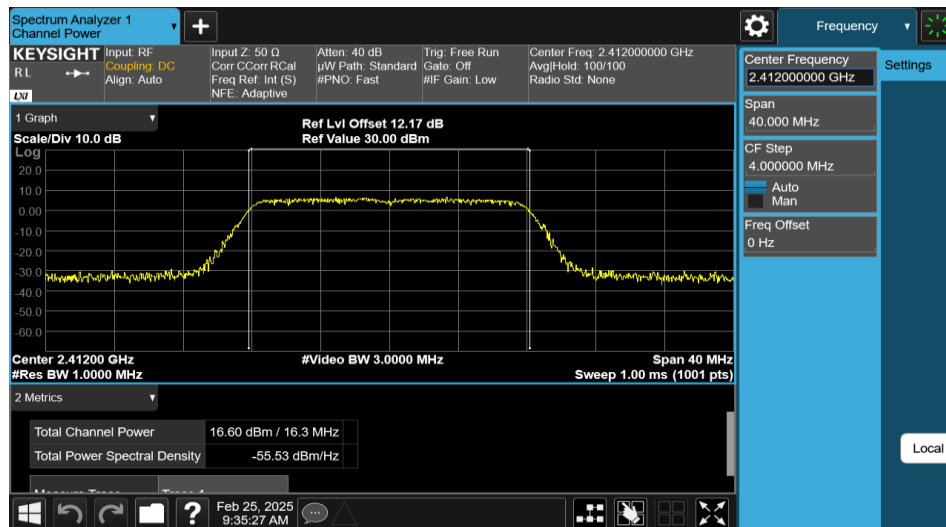
11B-Ant1-2412-PASS



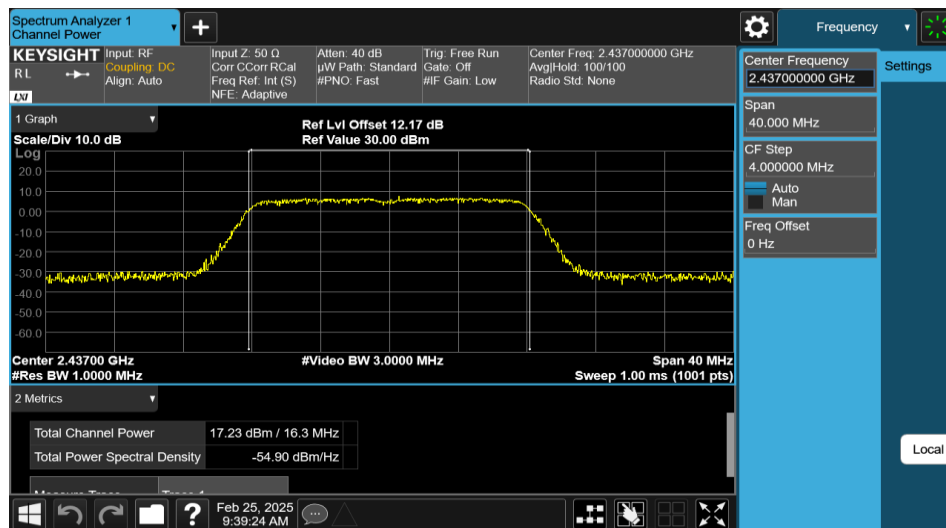
11B-Ant1-2437-PASS



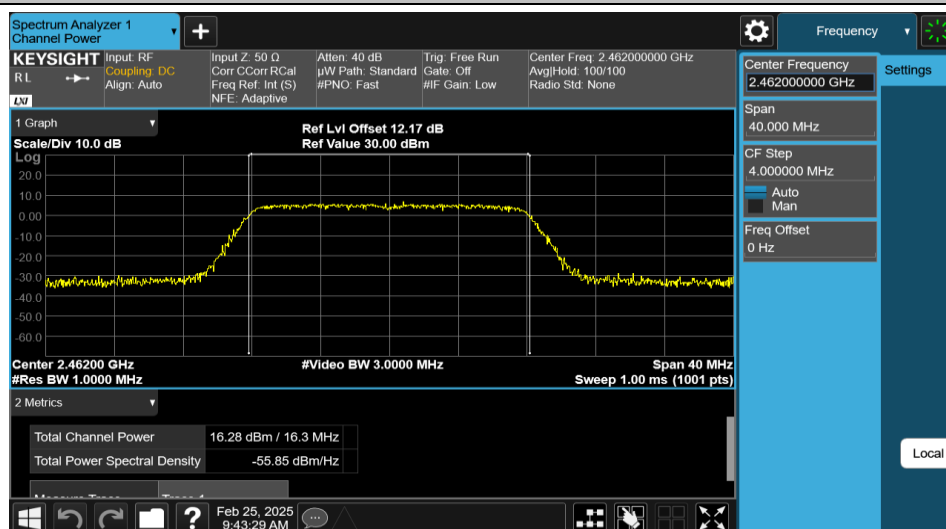
11B-Ant1-2462-PASS



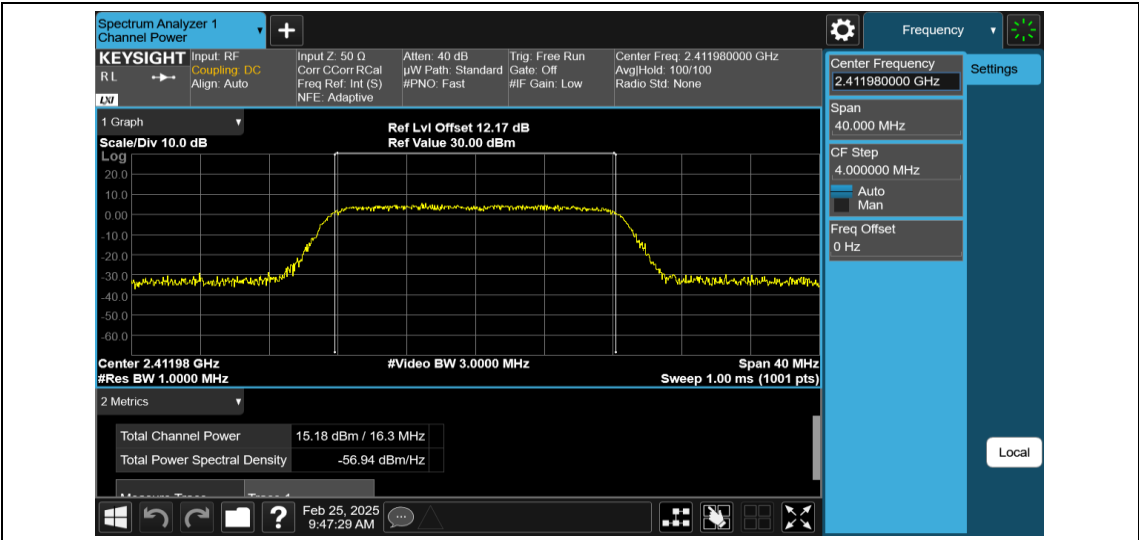
11G-Ant1-2412-PASS



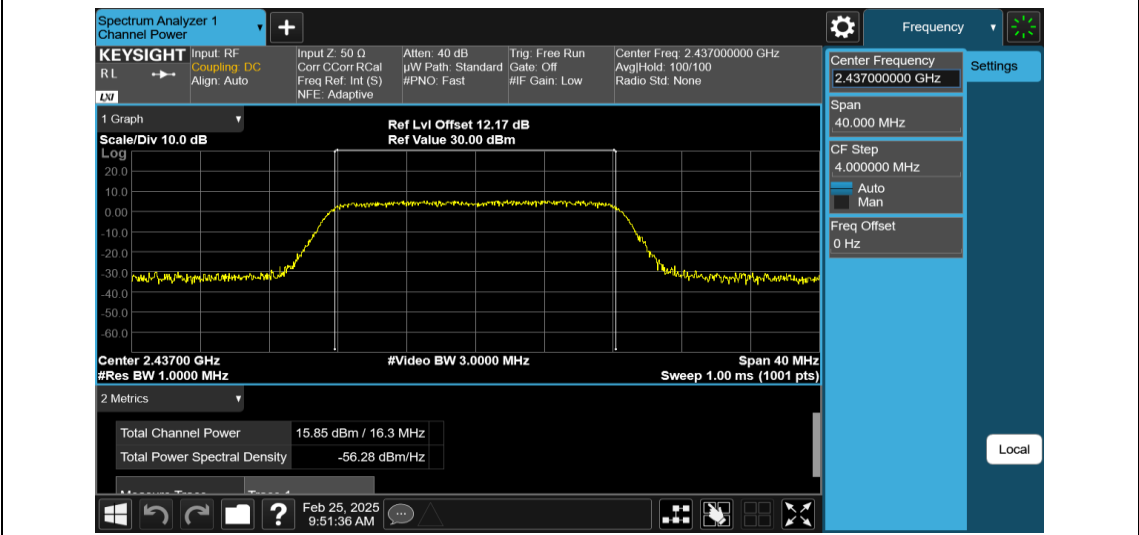
11G-Ant1-2437-PASS



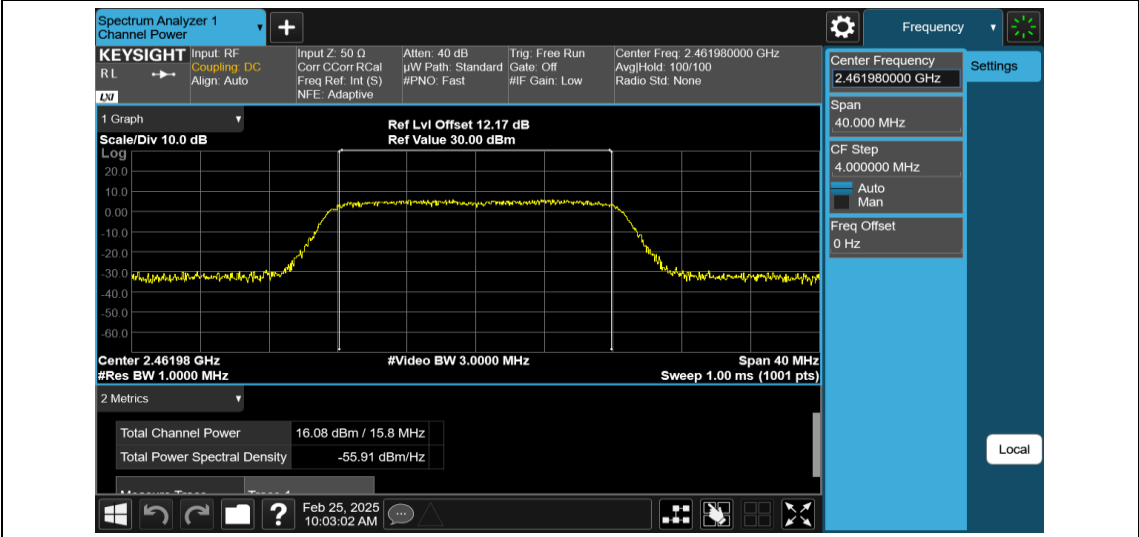
11G-Ant1-2462-PASS



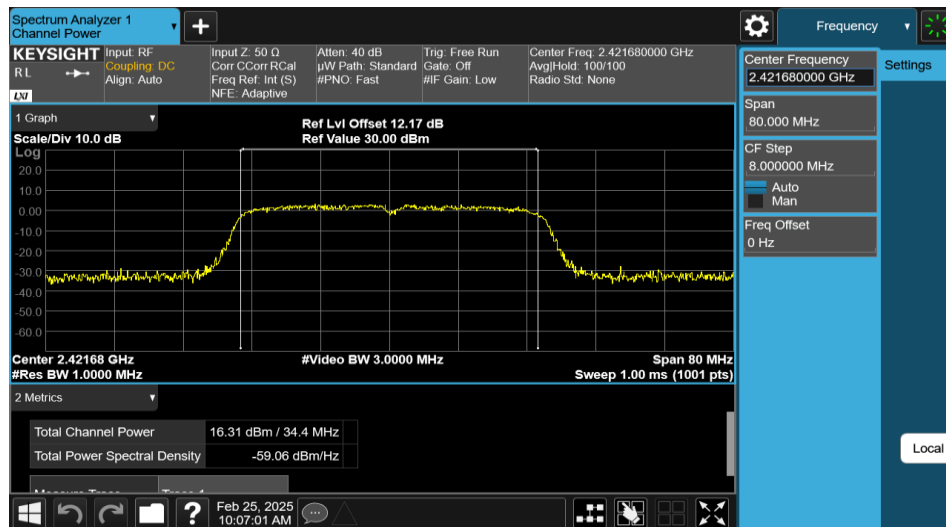
11N20SISO-Ant1-2412-PASS



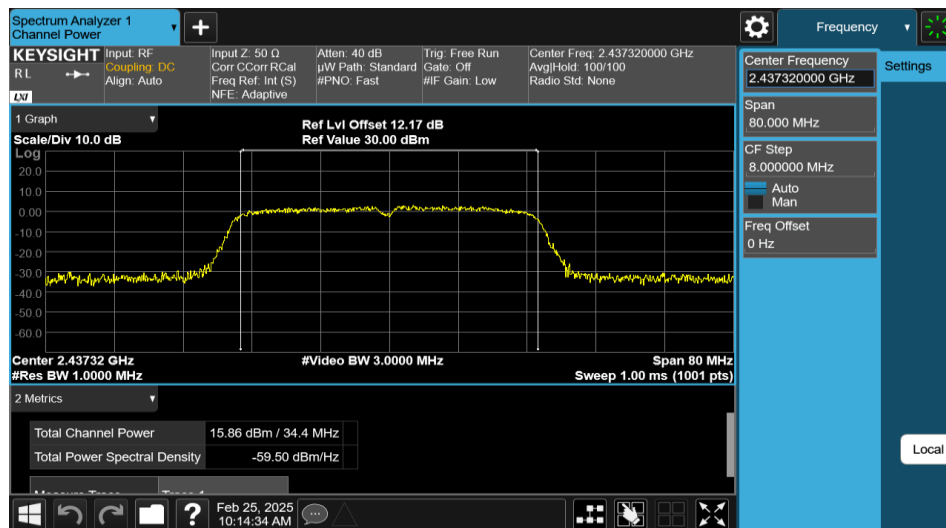
11N20SISO-Ant1-2437-PASS



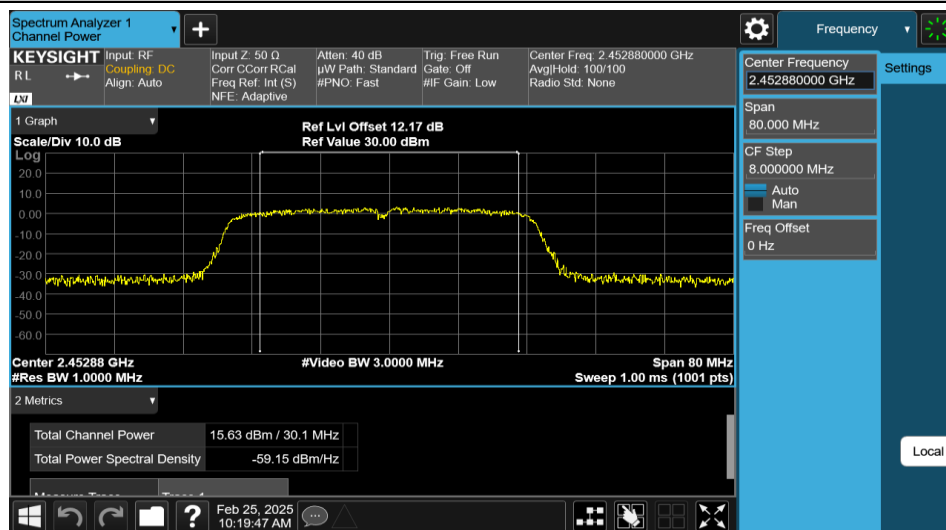
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



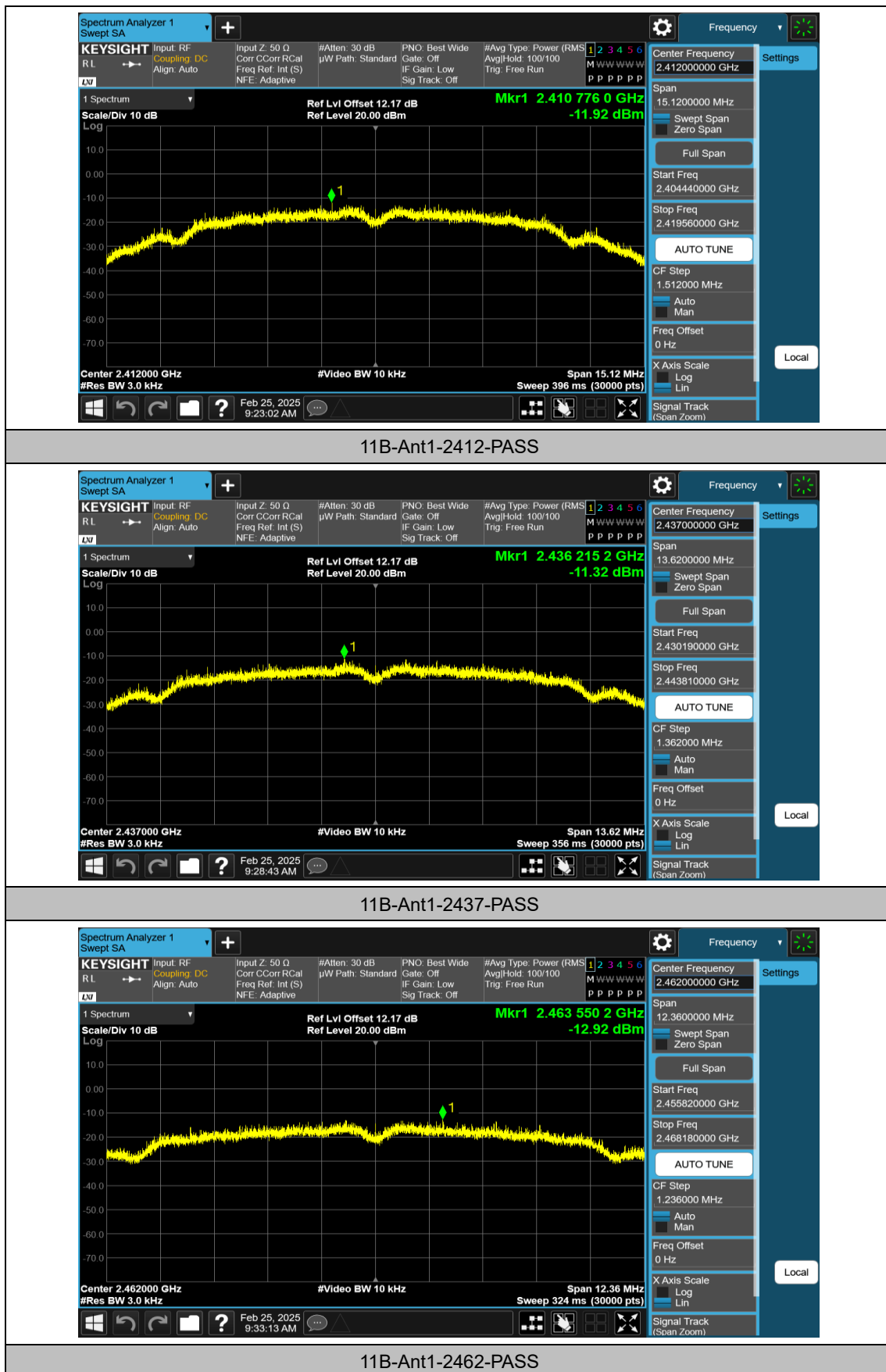
11N40SISO-Ant1-2452-PASS

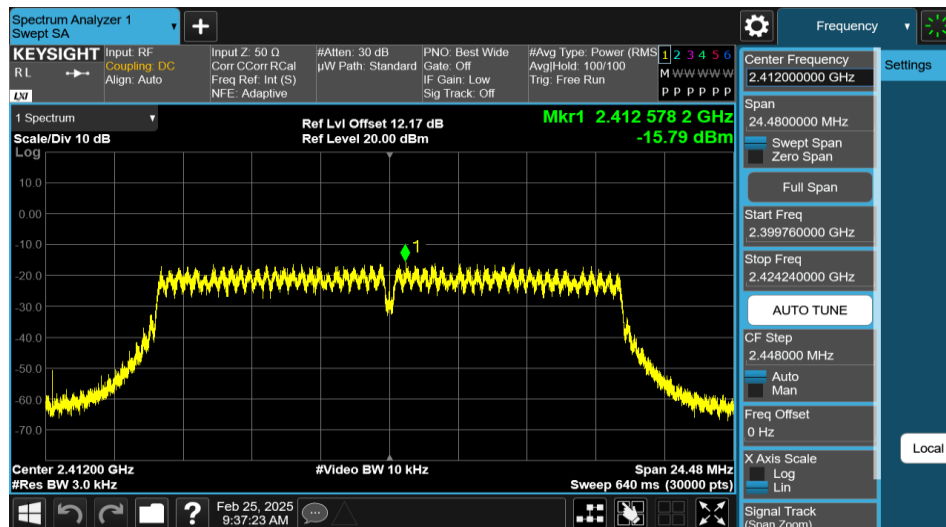
## Appendix D: Maximum power spectral density

### Test Result

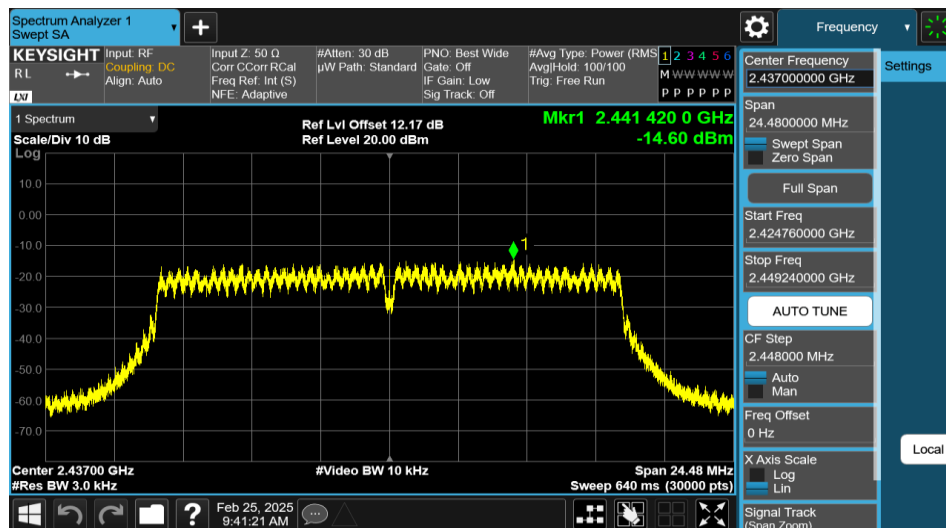
| TestMode  | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412           | -11.92               | ≤8.00           | PASS    |
| 11B       | Ant1    | 2437           | -11.32               | ≤8.00           | PASS    |
| 11B       | Ant1    | 2462           | -12.92               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412           | -15.79               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2437           | -14.60               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2462           | -16.15               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412           | -15.99               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2437           | -15.35               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2462           | -15.00               | ≤8.00           | PASS    |
| 11N40SISO | Ant1    | 2422           | -18.33               | ≤8.00           | PASS    |
| 11N40SISO | Ant1    | 2437           | -18.37               | ≤8.00           | PASS    |
| 11N40SISO | Ant1    | 2452           | -18.20               | ≤8.00           | PASS    |

## Test Graphs

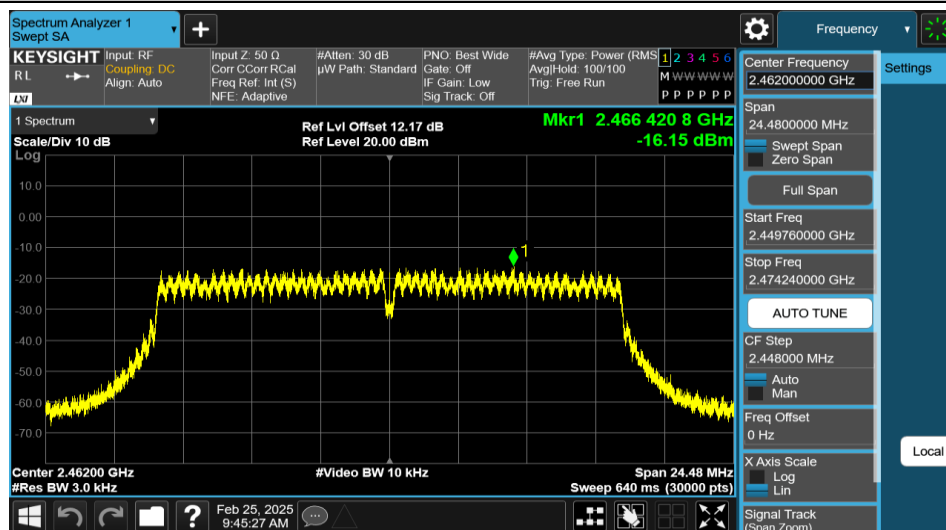




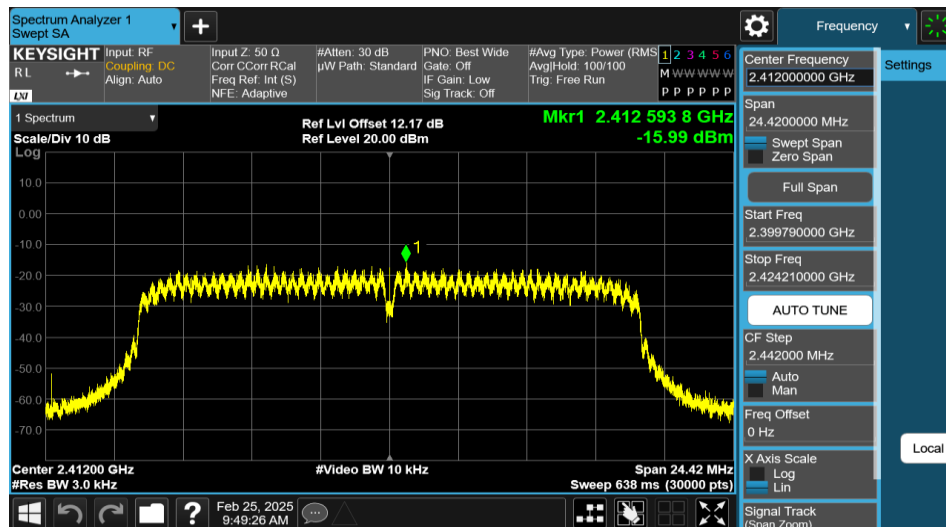
11G-Ant1-2412-PASS



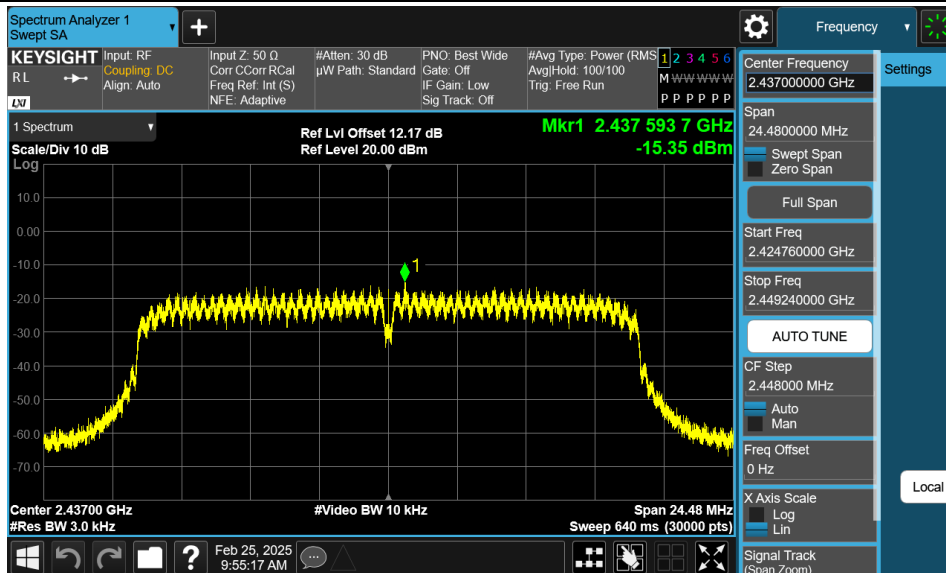
11G-Ant1-2437-PASS



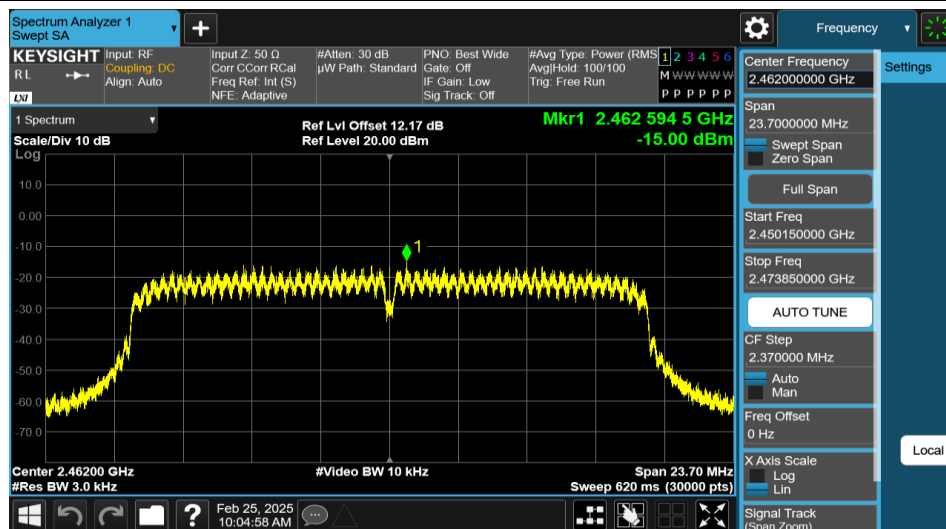
11G-Ant1-2462-PASS



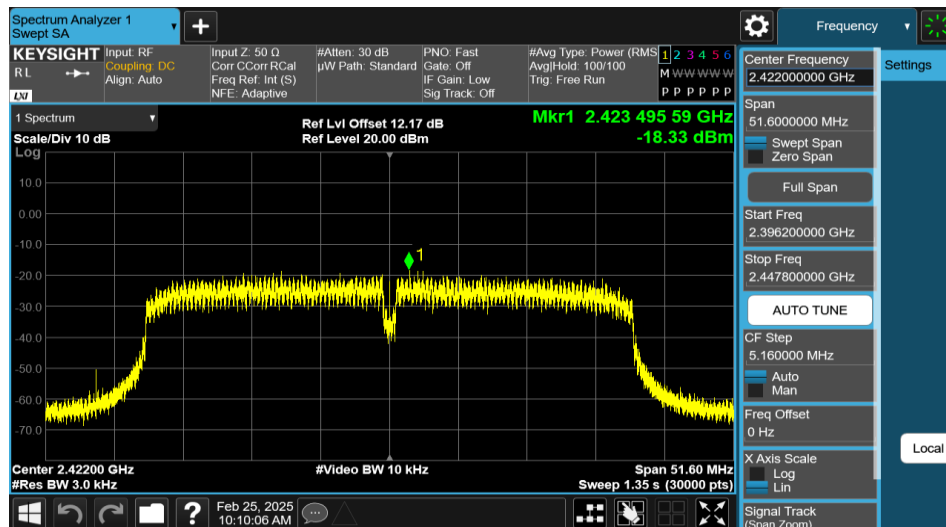
11N20SISO-Ant1-2412-PASS



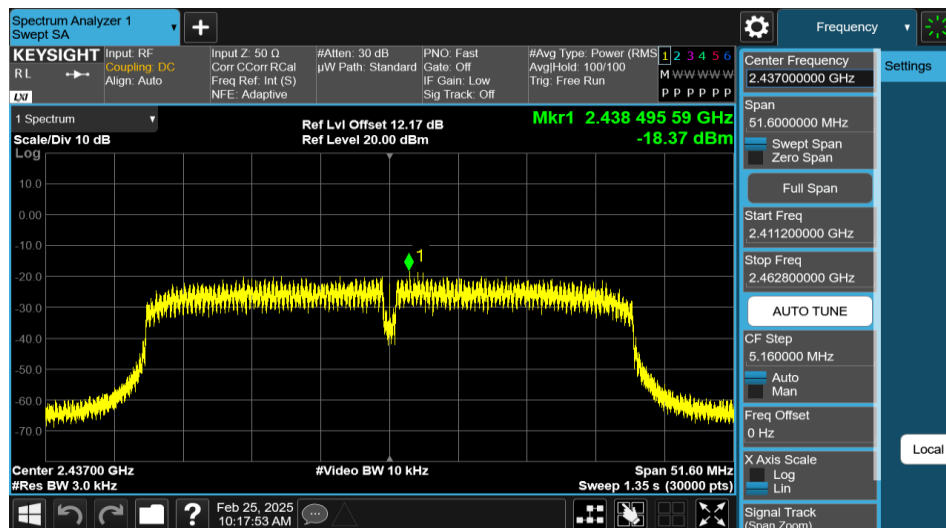
11N20SISO-Ant1-2437-PASS



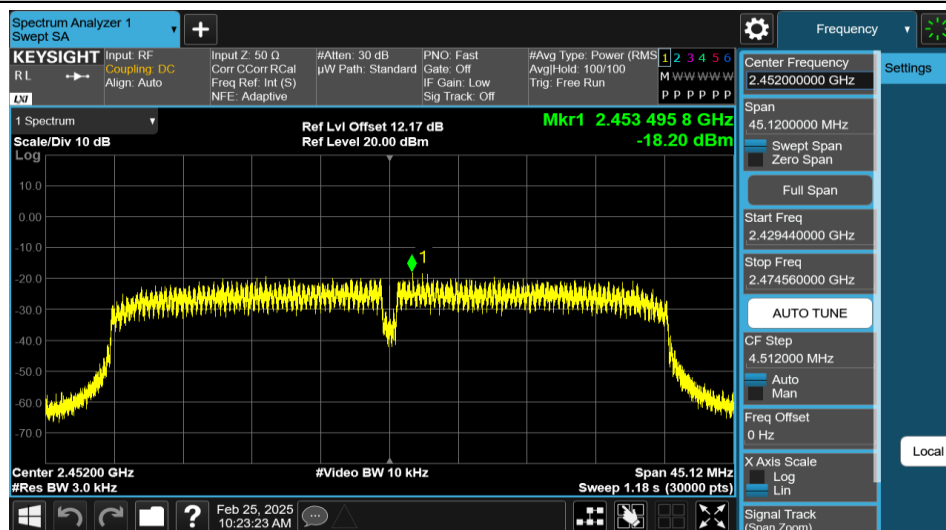
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

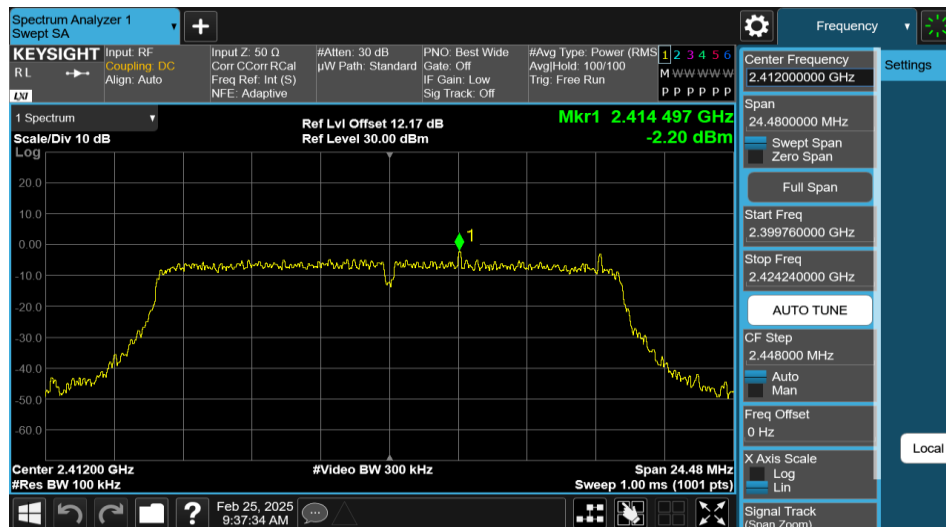
## Appendix E: Reference level measurement

### Test Result

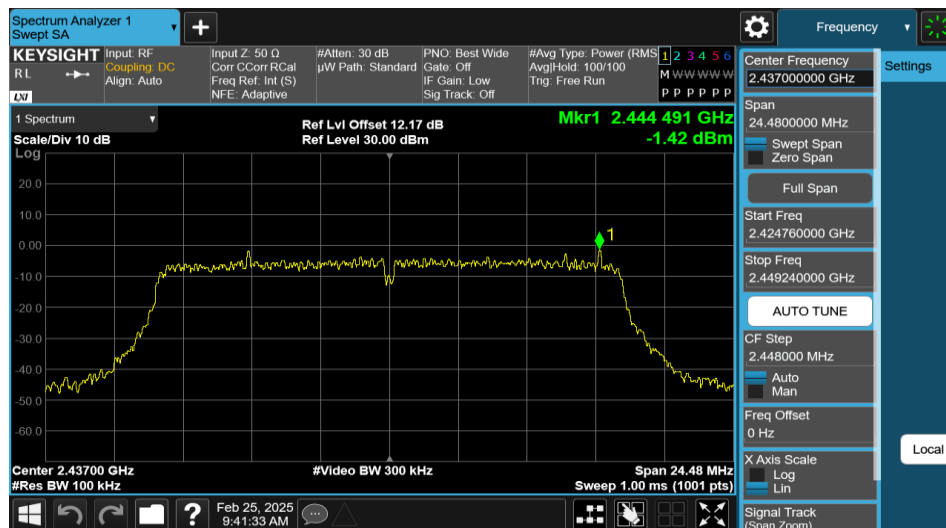
| TestMode  | Antenna | Freq(MHz) | Max.Point[MHz] | Result[dBm] |
|-----------|---------|-----------|----------------|-------------|
| 11B       | Ant1    | 2412      | 2411.50        | 1.80        |
| 11B       | Ant1    | 2437      | 2436.50        | 1.68        |
| 11B       | Ant1    | 2462      | 2462.48        | 0.55        |
| 11G       | Ant1    | 2412      | 2414.50        | -2.20       |
| 11G       | Ant1    | 2437      | 2444.49        | -1.42       |
| 11G       | Ant1    | 2462      | 2457.89        | -4.77       |
| 11N20SISO | Ant1    | 2412      | 2410.73        | -2.84       |
| 11N20SISO | Ant1    | 2437      | 2430.73        | -2.53       |
| 11N20SISO | Ant1    | 2462      | 2461.00        | -4.86       |
| 11N40SISO | Ant1    | 2422      | 2410.75        | -5.16       |
| 11N40SISO | Ant1    | 2437      | 2440.77        | -5.35       |
| 11N40SISO | Ant1    | 2452      | 2455.74        | -4.60       |

## Test Graphs

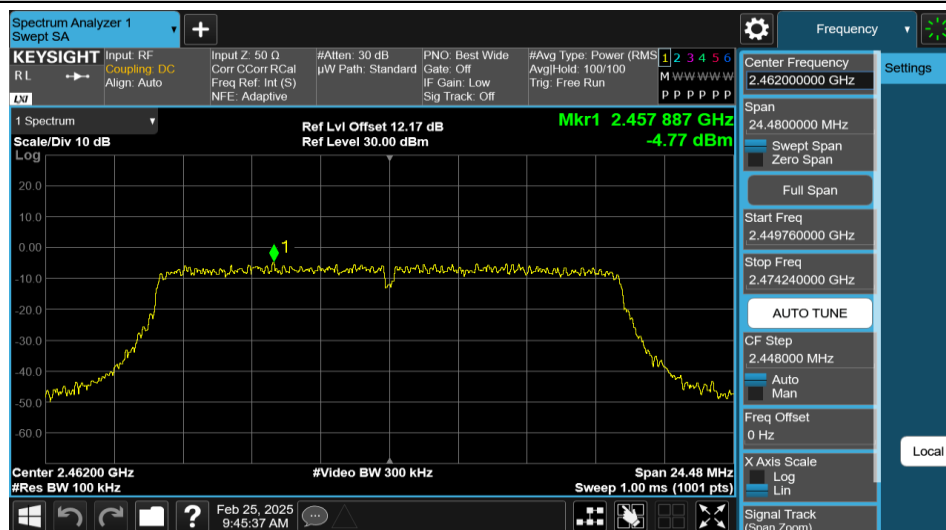




11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS