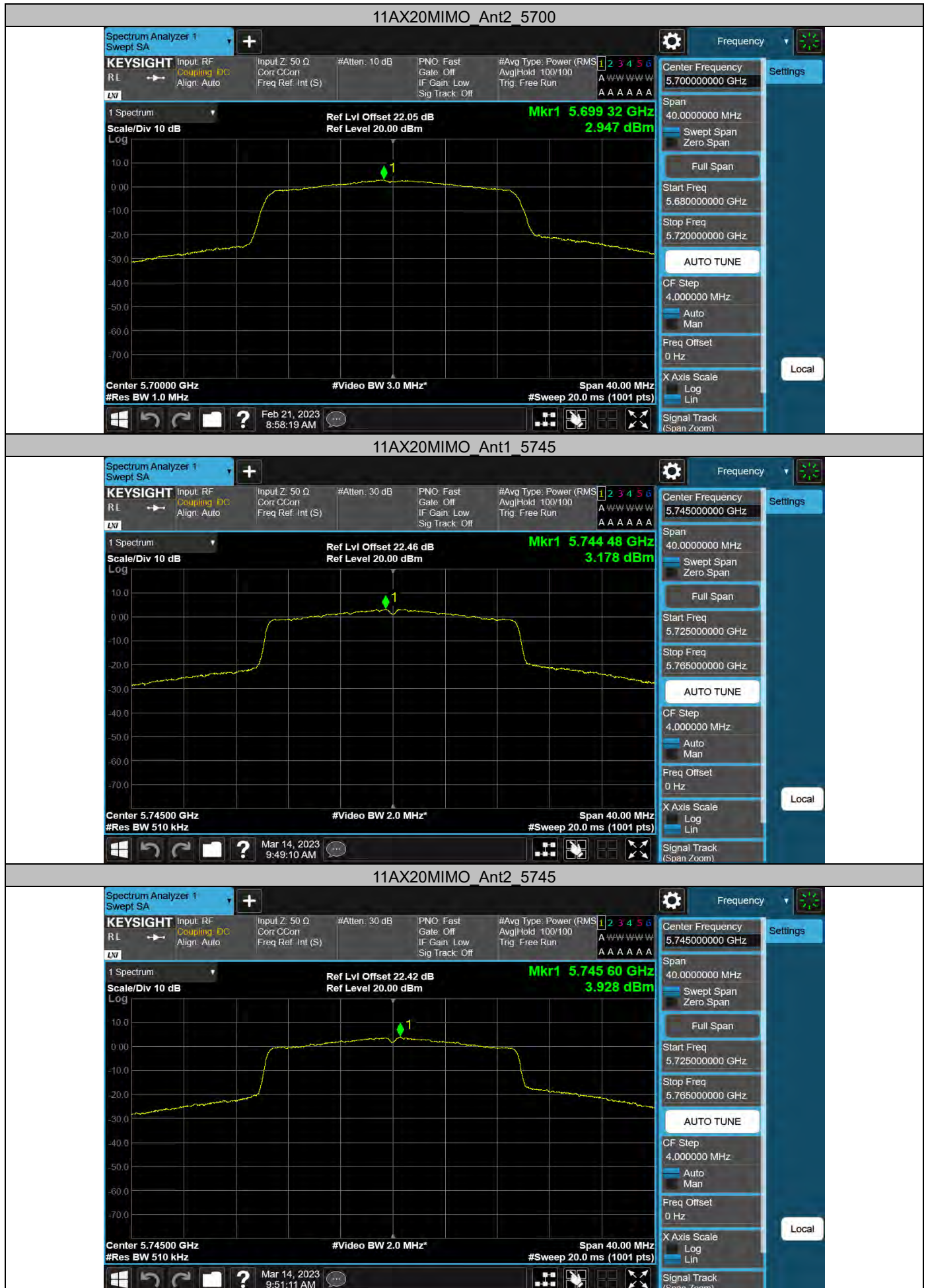
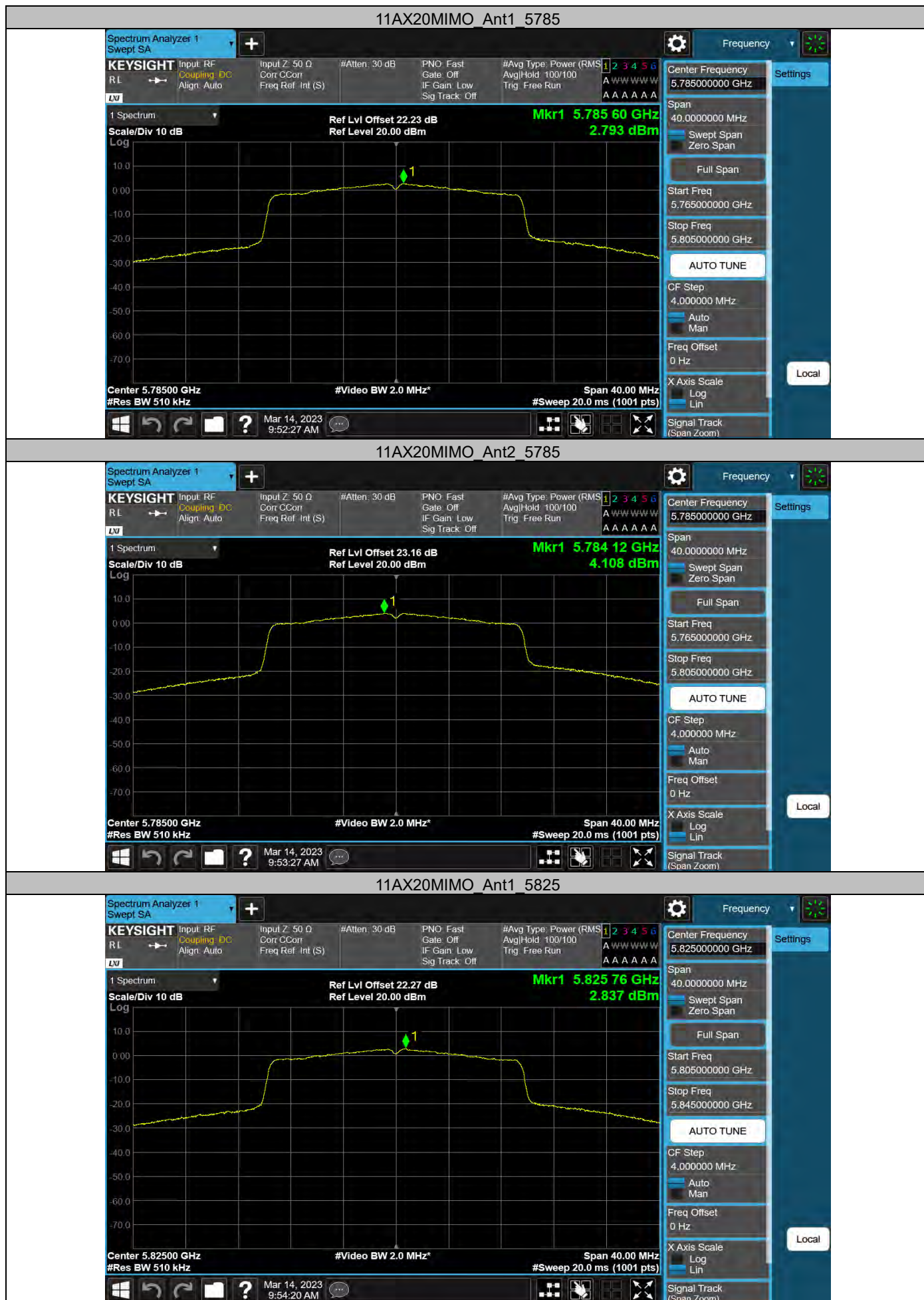






























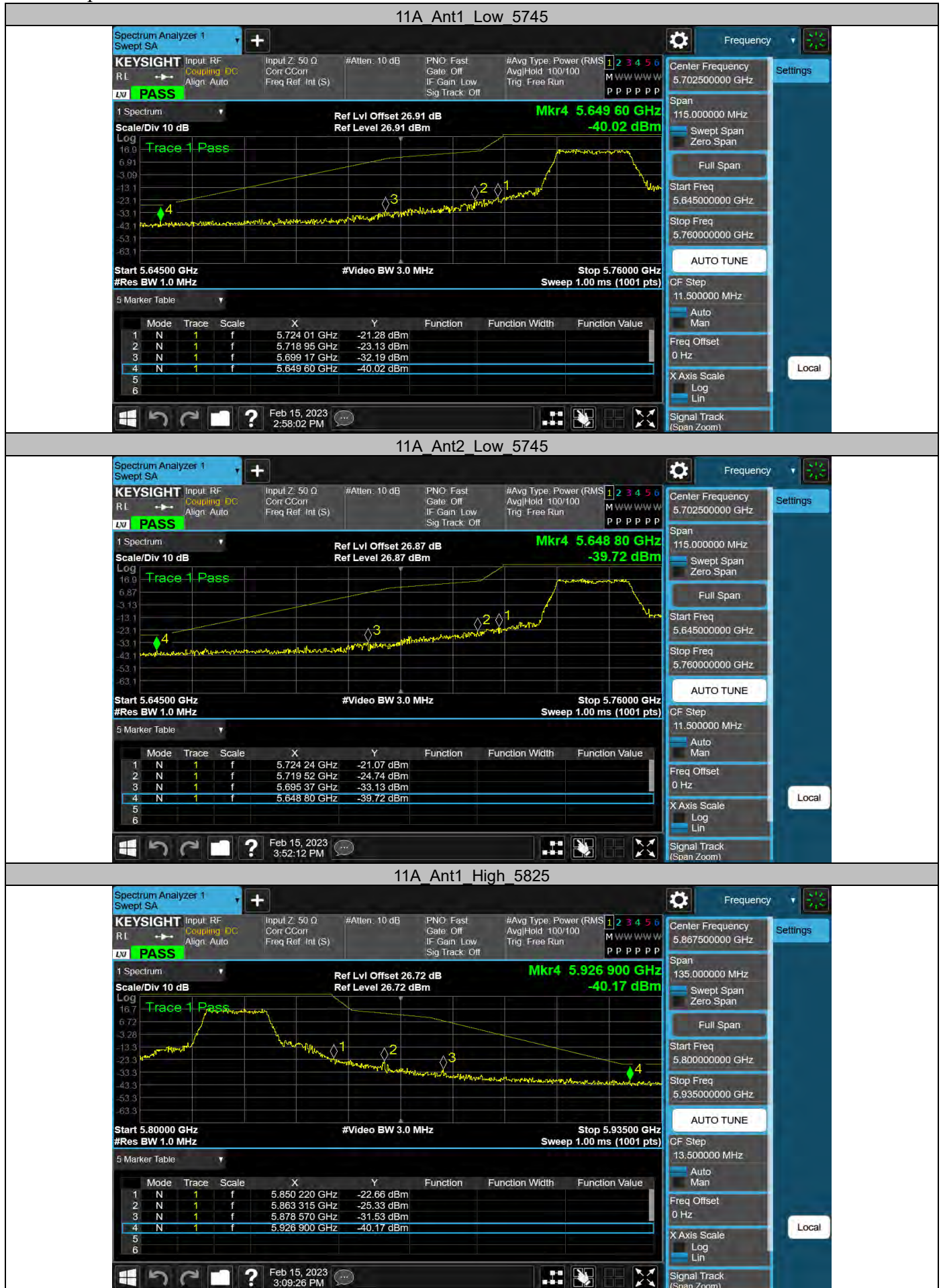
Appendix G: Band edge measurements  
Test Result B4

| Test Mode  | Antenna | Ch Name | Frequency [MHz] | Freq Range [MHz] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|---------|-----------------|------------------|--------------|-------------|---------|
| 11A        | Ant1    | Low     | 5745            | 5650~5700        | -32.19       | ≤9.38       | PASS    |
|            |         |         |                 | 5700~5720        | -23.13       | ≤15.30      | PASS    |
|            |         |         |                 | 5720~5725        | -21.28       | ≤24.73      | PASS    |
|            |         |         |                 | 5760~5650        | -40.02       | ≤-27        | PASS    |
|            | Ant2    | Low     | 5745            | 5650~5700        | -33.13       | ≤6.57       | PASS    |
|            |         |         |                 | 5700~5720        | -24.74       | ≤15.47      | PASS    |
|            |         |         |                 | 5720~5725        | -21.07       | ≤25.26      | PASS    |
|            |         |         |                 | 5760~5650        | -39.72       | ≤-27        | PASS    |
|            | Ant1    | High    | 5825            | 5850~5855        | -22.66       | ≤16.10      | PASS    |
|            |         |         |                 | 5855~5875        | -25.33       | ≤12.33      | PASS    |
|            |         |         |                 | 5875~5925        | -31.53       | ≤-24.36     | PASS    |
|            |         |         |                 | 5925~5935        | -40.17       | ≤-27        | PASS    |
|            | Ant2    | High    | 5825            | 5850~5855        | -24.46       | ≤21.33      | PASS    |
|            |         |         |                 | 5855~5875        | -26.61       | ≤10.25      | PASS    |
|            |         |         |                 | 5875~5925        | -35.29       | ≤-26.56     | PASS    |
|            |         |         |                 | 5925~5935        | -40.17       | ≤-27        | PASS    |
| 11N20MIMO  | Ant1    | Low     | 5745            | 5650~5700        | -28.52       | ≤9.89       | PASS    |
|            |         |         |                 | 5700~5720        | -15.28       | ≤15.50      | PASS    |
|            |         |         |                 | 5720~5725        | -9.13        | ≤26.83      | PASS    |
|            |         |         |                 | 5760~5650        | -39.79       | ≤-27        | PASS    |
|            | Ant2    | Low     | 5745            | 5650~5700        | -24.02       | ≤9.98       | PASS    |
|            |         |         |                 | 5700~5720        | -17.14       | ≤14.47      | PASS    |
|            |         |         |                 | 5720~5725        | -11.09       | ≤23.16      | PASS    |
|            |         |         |                 | 5760~5650        | -38.74       | ≤-27        | PASS    |
|            | Ant1    | High    | 5825            | 5850~5855        | -15.57       | ≤16.72      | PASS    |
|            |         |         |                 | 5855~5875        | -17.99       | ≤10.63      | PASS    |
|            |         |         |                 | 5875~5925        | -27.22       | ≤-26.56     | PASS    |
|            |         |         |                 | 5925~5935        | -38.61       | ≤-27        | PASS    |
|            | Ant2    | High    | 5825            | 5850~5855        | -14.22       | ≤19.18      | PASS    |
|            |         |         |                 | 5855~5875        | -17.22       | ≤10.36      | PASS    |
|            |         |         |                 | 5875~5925        | -26.38       | ≤-23.16     | PASS    |
|            |         |         |                 | 5925~5935        | -39.25       | ≤-27        | PASS    |
| 11N40MIMO  | Ant1    | Low     | 5755            | 5650~5700        | -19.51       | ≤9.56       | PASS    |
|            |         |         |                 | 5700~5720        | -11.5        | ≤14.86      | PASS    |
|            |         |         |                 | 5720~5725        | -11.83       | ≤17.89      | PASS    |
|            |         |         |                 | 5780~5650        | -32.83       | ≤-27        | PASS    |
|            | Ant2    | Low     | 5755            | 5650~5700        | -26.69       | ≤4.46       | PASS    |
|            |         |         |                 | 5700~5720        | -20.44       | ≤15.28      | PASS    |
|            |         |         |                 | 5720~5725        | -20.71       | ≤21.89      | PASS    |
|            |         |         |                 | 5780~5650        | -40.03       | ≤-27        | PASS    |
|            | Ant1    | High    | 5795            | 5850~5855        | -21.23       | ≤21.68      | PASS    |
|            |         |         |                 | 5855~5875        | -23.44       | ≤10.04      | PASS    |
|            |         |         |                 | 5875~5925        | -28.94       | ≤-25.70     | PASS    |
|            |         |         |                 | 5925~5935        | -38.31       | ≤-27        | PASS    |
|            | Ant2    | High    | 5795            | 5850~5855        | -16.71       | ≤19.42      | PASS    |
|            |         |         |                 | 5855~5875        | -19.61       | ≤10.64      | PASS    |
|            |         |         |                 | 5875~5925        | -28.57       | ≤-24.60     | PASS    |
|            |         |         |                 | 5925~5935        | -38.63       | ≤-27        | PASS    |
| 11AC20MIMO | Ant1    | Low     | 5745            | 5650~5700        | -25.63       | ≤8.45       | PASS    |
|            |         |         |                 | 5700~5720        | -13.92       | ≤15.56      | PASS    |
|            |         |         |                 | 5720~5725        | -5.33        | ≤25.26      | PASS    |
|            |         |         |                 | 5760~5650        | -39.43       | ≤-27        | PASS    |
|            | Ant2    | Low     | 5745            | 5650~5700        | -35.89       | ≤9.38       | PASS    |
|            |         |         |                 | 5700~5720        | -28.36       | ≤15.18      | PASS    |
|            |         |         |                 | 5720~5725        | -24.99       | ≤25.52      | PASS    |

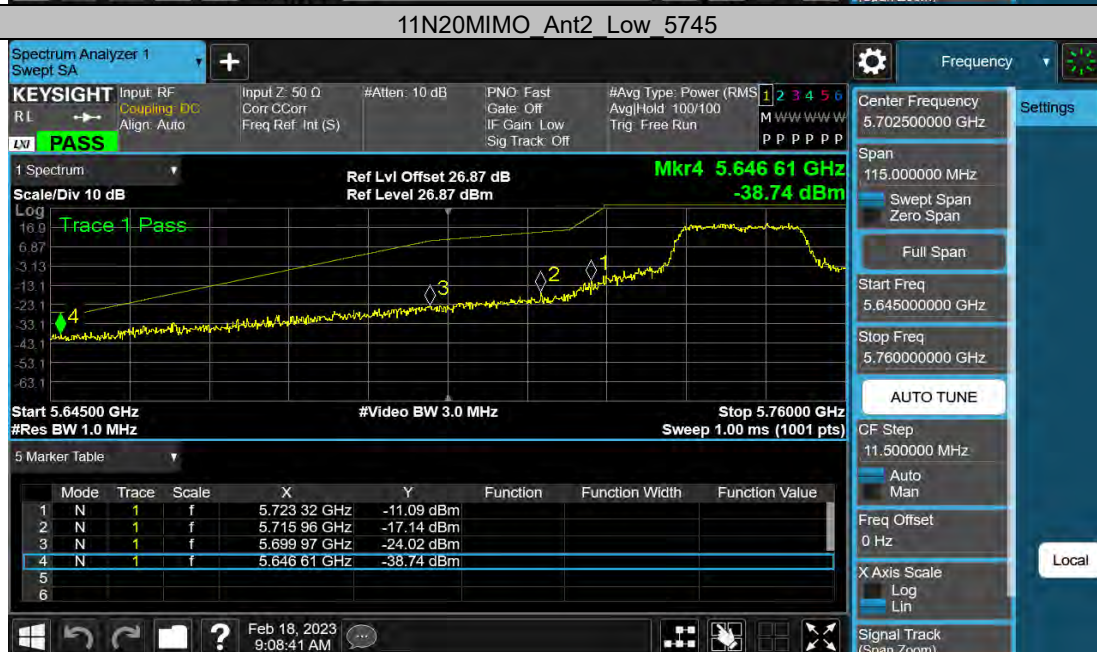
|                |      |      |      |           |        |               |      |
|----------------|------|------|------|-----------|--------|---------------|------|
|                | Ant1 | High | 5825 | 5760~5650 | -49.54 | $\leq -27$    | PASS |
|                |      |      |      | 5850~5855 | -14.34 | $\leq 15.79$  | PASS |
|                |      |      |      | 5855~5875 | -19.29 | $\leq 11.16$  | PASS |
|                |      |      |      | 5875~5925 | -28.9  | $\leq -26.16$ | PASS |
|                | Ant2 | High | 5825 | 5925~5935 | -39.03 | $\leq -27$    | PASS |
|                |      |      |      | 5850~5855 | -14.36 | $\leq 16.10$  | PASS |
|                |      |      |      | 5855~5875 | -19.21 | $\leq 10.06$  | PASS |
|                |      |      |      | 5875~5925 | -25.81 | $\leq -26.86$ | PASS |
| 11AC40MIM<br>O | Ant1 | Low  | 5755 | 5925~5935 | -39.34 | $\leq -27$    | PASS |
|                |      |      |      | 5650~5700 | -22.87 | $\leq 8.76$   | PASS |
|                |      |      |      | 5700~5720 | -12.87 | $\leq 14.67$  | PASS |
|                |      |      |      | 5720~5725 | -12.42 | $\leq 18.20$  | PASS |
|                | Ant2 | Low  | 5755 | 5780~5650 | -33.56 | $\leq -27$    | PASS |
|                |      |      |      | 5650~5700 | -21.88 | $\leq 9.16$   | PASS |
|                |      |      |      | 5700~5720 | -13.05 | $\leq 14.67$  | PASS |
|                |      |      |      | 5720~5725 | -12.43 | $\leq 18.81$  | PASS |
|                | Ant1 | High | 5795 | 5780~5650 | -32.34 | $\leq -27$    | PASS |
|                |      |      |      | 5850~5855 | -22.93 | $\leq 19.04$  | PASS |
|                |      |      |      | 5855~5875 | -21.11 | $\leq 10.36$  | PASS |
|                |      |      |      | 5875~5925 | -33.22 | $\leq -24.60$ | PASS |
|                | Ant2 | High | 5795 | 5925~5935 | -39.08 | $\leq -27$    | PASS |
|                |      |      |      | 5850~5855 | -18.56 | $\leq 24.31$  | PASS |
|                |      |      |      | 5855~5875 | -19.62 | $\leq 10.92$  | PASS |
|                |      |      |      | 5875~5925 | -27.91 | $\leq -22.16$ | PASS |
| 11AC80MIM<br>O | Ant1 | Low  | 5775 | 5925~5935 | -37.44 | $\leq -27$    | PASS |
|                |      |      |      | 5650~5700 | -14.56 | $\leq 9.90$   | PASS |
|                |      |      |      | 5700~5720 | -8.66  | $\leq 15.43$  | PASS |
|                |      |      |      | 5720~5725 | -8.35  | $\leq 15.65$  | PASS |
|                | Ant2 | High | 5775 | 5800~5650 | -42.96 | $\leq -27$    | PASS |
|                |      |      |      | 5850~5855 | -35.64 | $\leq 15.79$  | PASS |
|                |      |      |      | 5855~5875 | -36.02 | $\leq 11.21$  | PASS |
|                |      |      |      | 5875~5925 | -36.87 | $\leq -16.55$ | PASS |
|                | Ant2 | Low  | 5775 | 5925~5935 | -38.38 | $\leq -27$    | PASS |
|                |      |      |      | 5650~5700 | -15.92 | $\leq 0.15$   | PASS |
|                |      |      |      | 5700~5720 | -12.35 | $\leq 15.48$  | PASS |
|                |      |      |      | 5720~5725 | -12.13 | $\leq 18.12$  | PASS |
|                |      | High | 5775 | 5800~5650 | -29.05 | $\leq -27$    | PASS |
|                |      |      |      | 5850~5855 | -13.98 | $\leq 15.79$  | PASS |
|                |      |      |      | 5855~5875 | -14.75 | $\leq 10.18$  | PASS |
|                |      |      |      | 5875~5925 | -22.87 | $\leq -26.27$ | PASS |
| 11AX20MIM<br>O | Ant1 | Low  | 5745 | 5925~5935 | -28.45 | $\leq -27$    | PASS |
|                |      |      |      | 5650~5700 | -17.31 | $\leq 9.55$   | PASS |
|                |      |      |      | 5700~5720 | -10.36 | $\leq 15.21$  | PASS |
|                |      |      |      | 5720~5725 | -7.91  | $\leq 21.85$  | PASS |
|                | Ant2 | Low  | 5745 | 5760~5650 | -33.92 | $\leq -27$    | PASS |
|                |      |      |      | 5650~5700 | -34.84 | $\leq 8.79$   | PASS |
|                |      |      |      | 5700~5720 | -26.28 | $\leq 15.40$  | PASS |
|                |      |      |      | 5720~5725 | -19.19 | $\leq 26.30$  | PASS |
|                | Ant1 | High | 5825 | 5760~5650 | -44.63 | $\leq -27$    | PASS |
|                |      |      |      | 5850~5855 | -13.91 | $\leq 20.41$  | PASS |
|                |      |      |      | 5855~5875 | -15.93 | $\leq 10.89$  | PASS |
|                |      |      |      | 5875~5925 | -29.75 | $\leq -26.26$ | PASS |
|                | Ant2 | High | 5825 | 5925~5935 | -38.79 | $\leq -27$    | PASS |
|                |      |      |      | 5850~5855 | -11.9  | $\leq 16.41$  | PASS |
|                |      |      |      | 5855~5875 | -17.45 | $\leq 10.29$  | PASS |
|                |      |      |      | 5875~5925 | -26.21 | $\leq -25.96$ | PASS |
| 11AX40MIM<br>O | Ant1 | Low  | 5755 | 5925~5935 | -39.15 | $\leq -27$    | PASS |
|                |      |      |      | 5650~5700 | -24.06 | $\leq 7.26$   | PASS |
|                |      |      |      | 5700~5720 | -14.25 | $\leq 15.58$  | PASS |

|                |      |      |      |           |        |         |      |
|----------------|------|------|------|-----------|--------|---------|------|
|                | Ant2 | Low  | 5755 | 5720~5725 | -13.3  | ≤21.58  | PASS |
|                |      |      |      | 5780~5650 | -33.65 | ≤-27    | PASS |
|                |      |      |      | 5650~5700 | -31.26 | ≤9.66   | PASS |
|                |      |      |      | 5700~5720 | -22.11 | ≤15.01  | PASS |
|                |      |      |      | 5720~5725 | -19.46 | ≤21.28  | PASS |
|                | Ant1 | High | 5795 | 5780~5650 | -39.82 | ≤-27    | PASS |
|                |      |      |      | 5850~5855 | -25.11 | ≤17.16  | PASS |
|                |      |      |      | 5855~5875 | -26.58 | ≤12.07  | PASS |
|                |      |      |      | 5875~5925 | -31.55 | ≤-25.46 | PASS |
|                |      |      |      | 5925~5935 | -37.57 | ≤-27    | PASS |
|                | Ant2 | High | 5795 | 5850~5855 | -22.83 | ≤17.91  | PASS |
|                |      |      |      | 5855~5875 | -22.29 | ≤12.35  | PASS |
|                |      |      |      | 5875~5925 | -29.51 | ≤-25.21 | PASS |
|                |      |      |      | 5925~5935 | -38.62 | ≤-27    | PASS |
| 11AX80MIM<br>O | Ant1 | Low  | 5775 | 5650~5700 | -19.83 | ≤9.56   | PASS |
|                |      |      |      | 5700~5720 | -15.71 | ≤13.87  | PASS |
|                |      |      |      | 5720~5725 | -14.72 | ≤19.53  | PASS |
|                |      |      |      | 5800~5650 | -27.19 | ≤-27    | PASS |
|                |      | High | 5775 | 5850~5855 | -16.12 | ≤21.28  | PASS |
|                |      |      |      | 5855~5875 | -17.55 | ≤10.13  | PASS |
|                |      |      |      | 5875~5925 | -26.38 | ≤-26.68 | PASS |
|                |      |      |      | 5925~5935 | -28.31 | ≤-27    | PASS |
|                | Ant2 | Low  | 5775 | 5650~5700 | -21.57 | ≤5.09   | PASS |
|                |      |      |      | 5700~5720 | -15.75 | ≤15.17  | PASS |
|                |      |      |      | 5720~5725 | -15.51 | ≤20.59  | PASS |
|                |      |      |      | 5800~5650 | -32.86 | ≤-27    | PASS |
|                |      | High | 5775 | 5850~5855 | -17.06 | ≤22.96  | PASS |
|                |      |      |      | 5855~5875 | -18.83 | ≤10.44  | PASS |
|                |      |      |      | 5875~5925 | -26.36 | ≤-26.27 | PASS |
|                |      |      |      | 5925~5935 | -31.7  | ≤-27    | PASS |

## Test Graphs B4

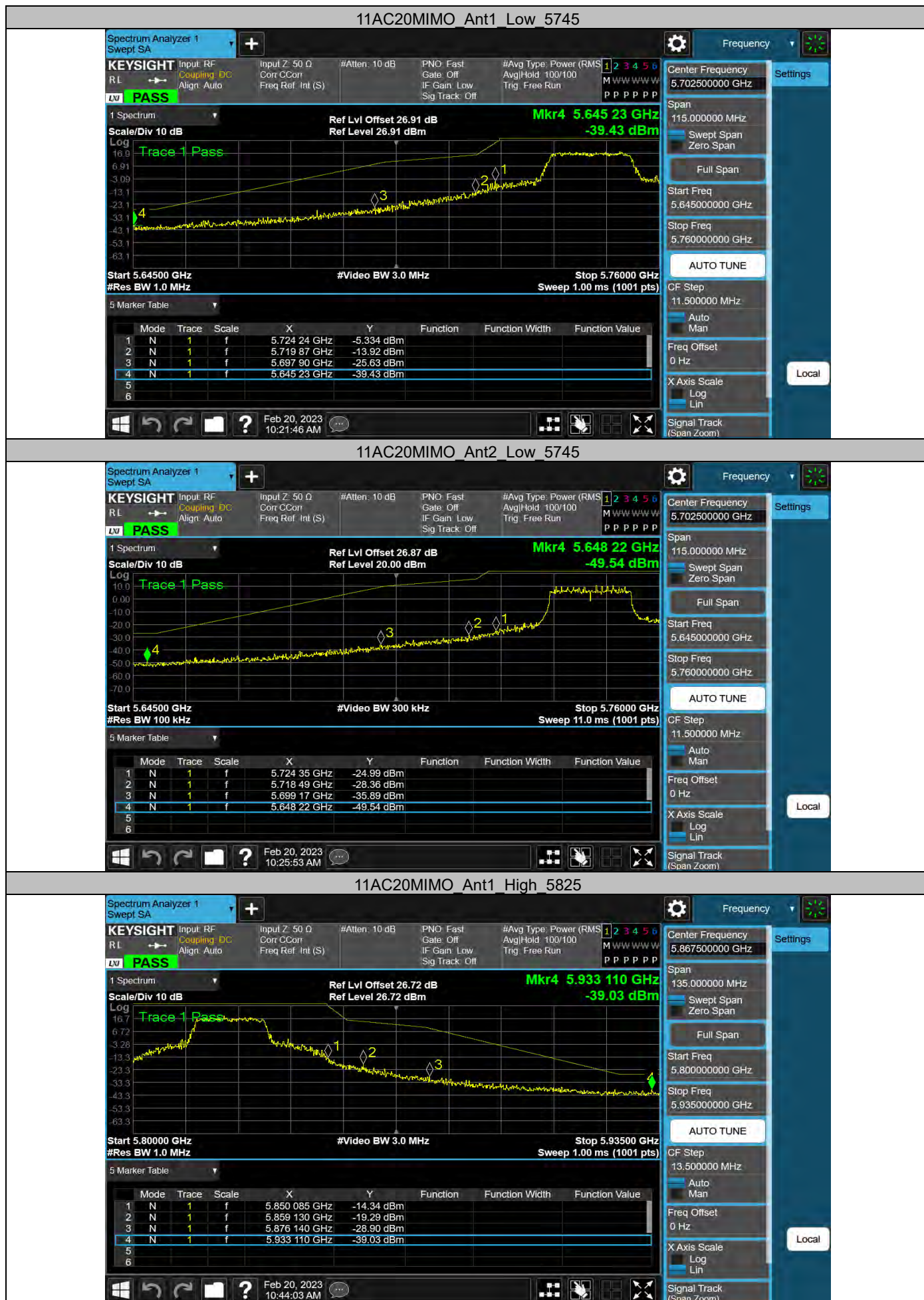


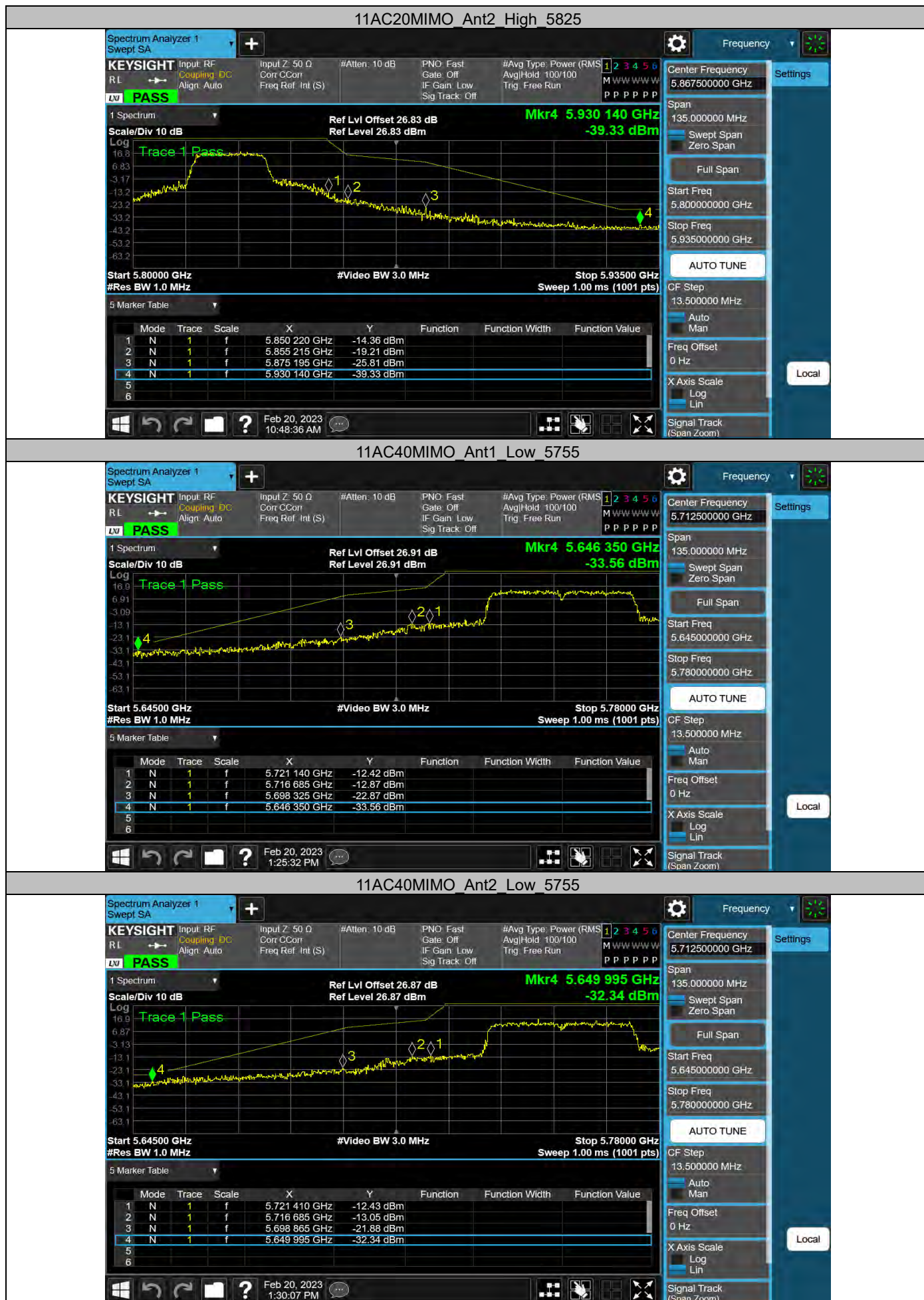
## 11A Ant2 High 5825

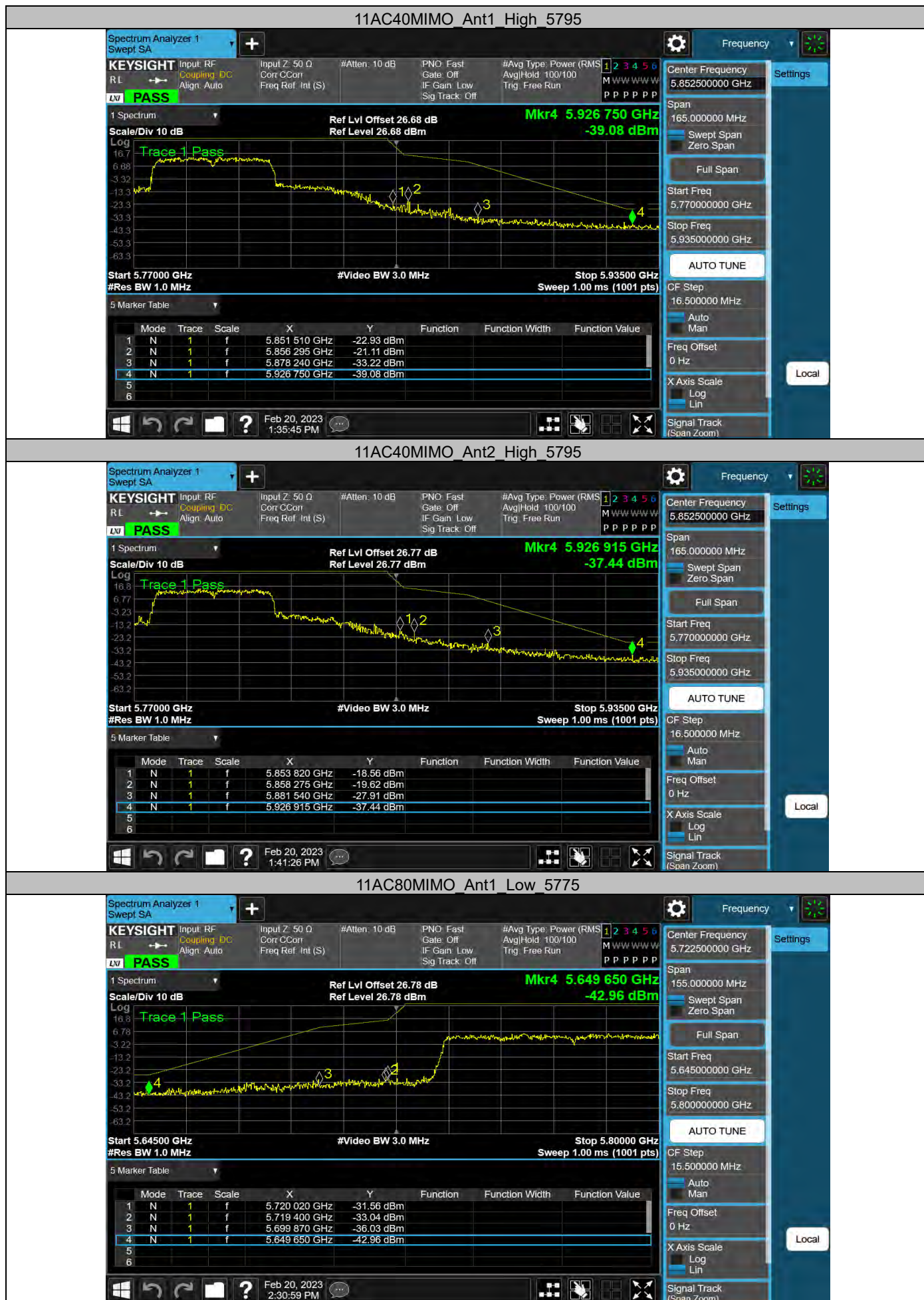


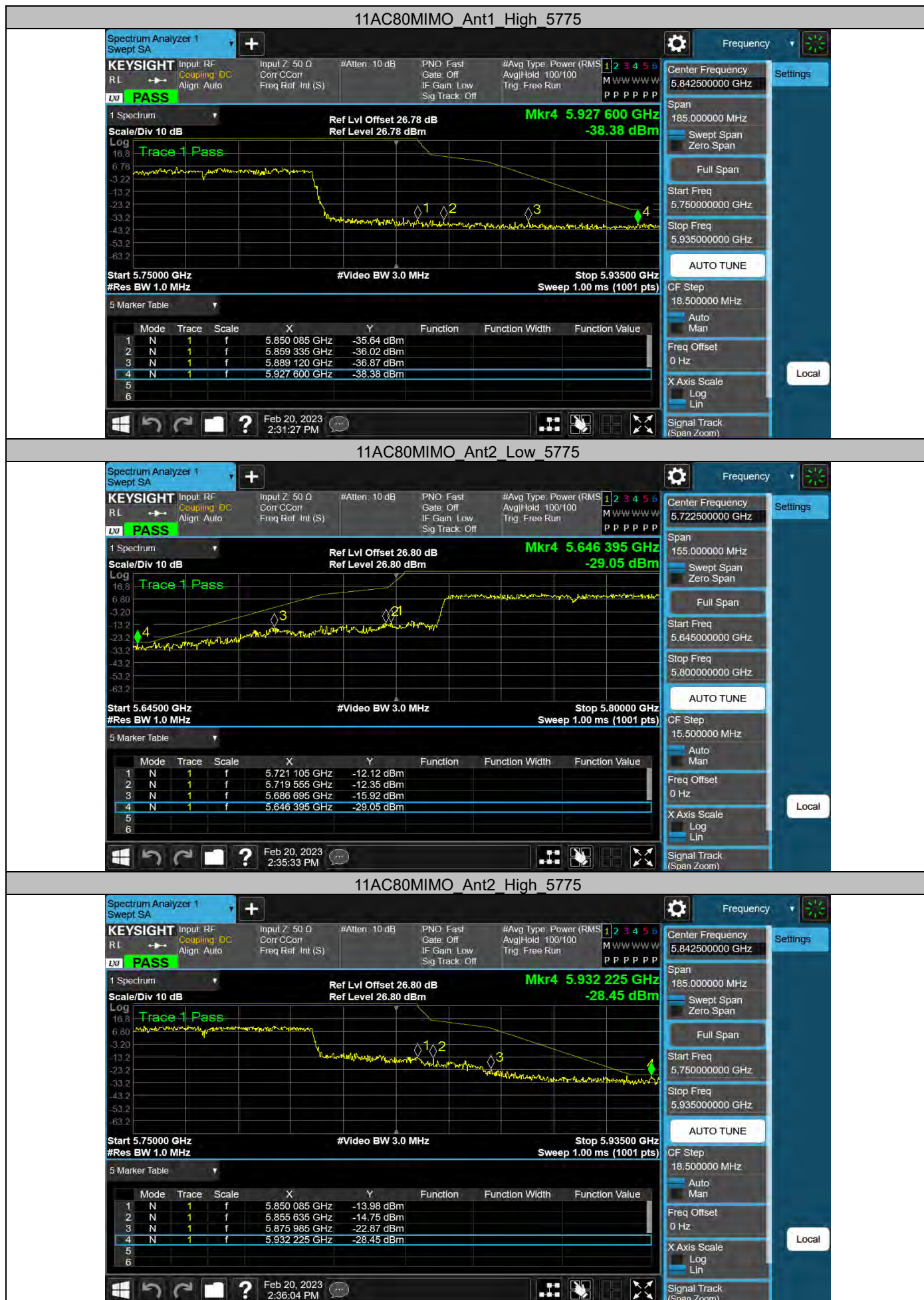




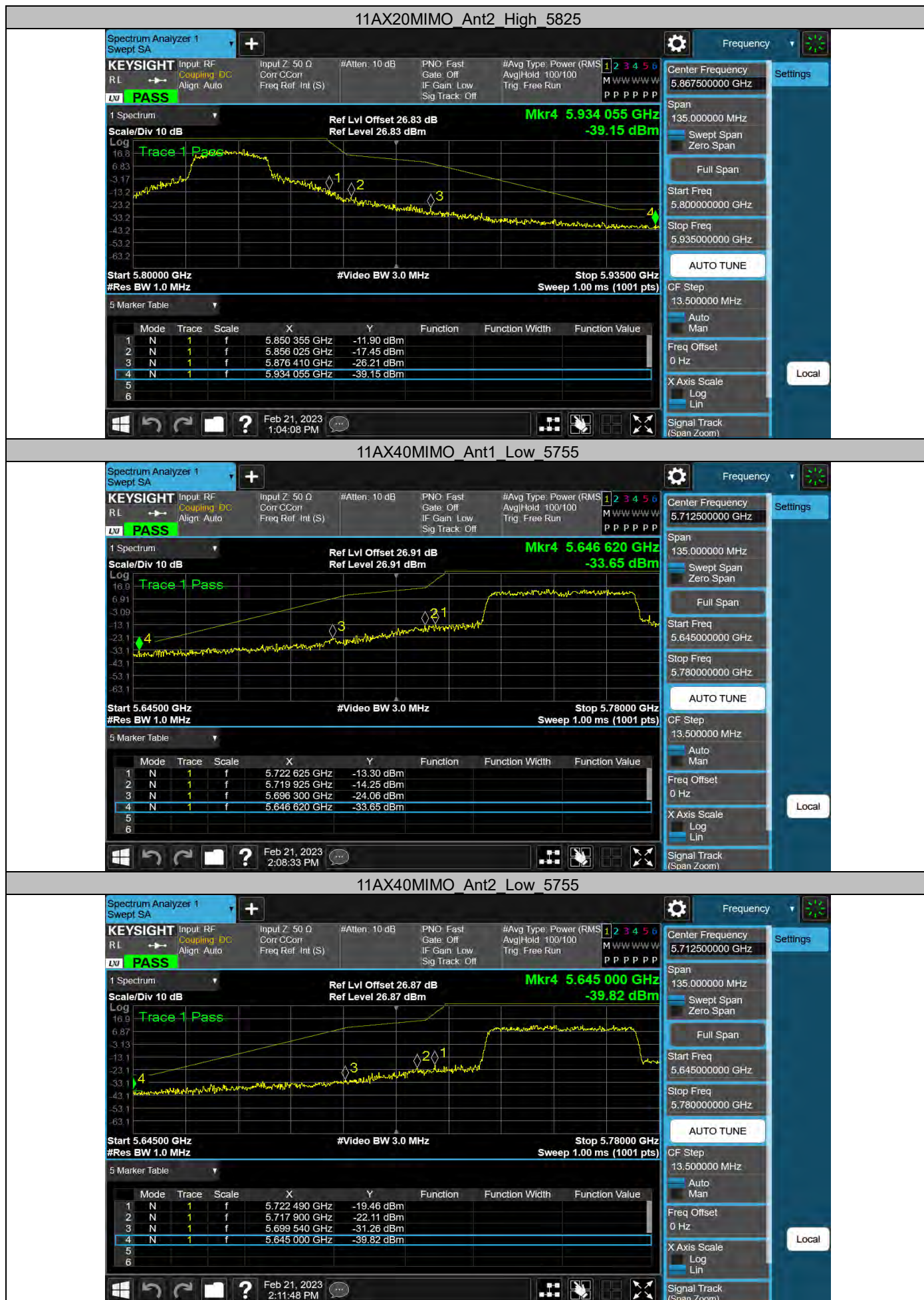


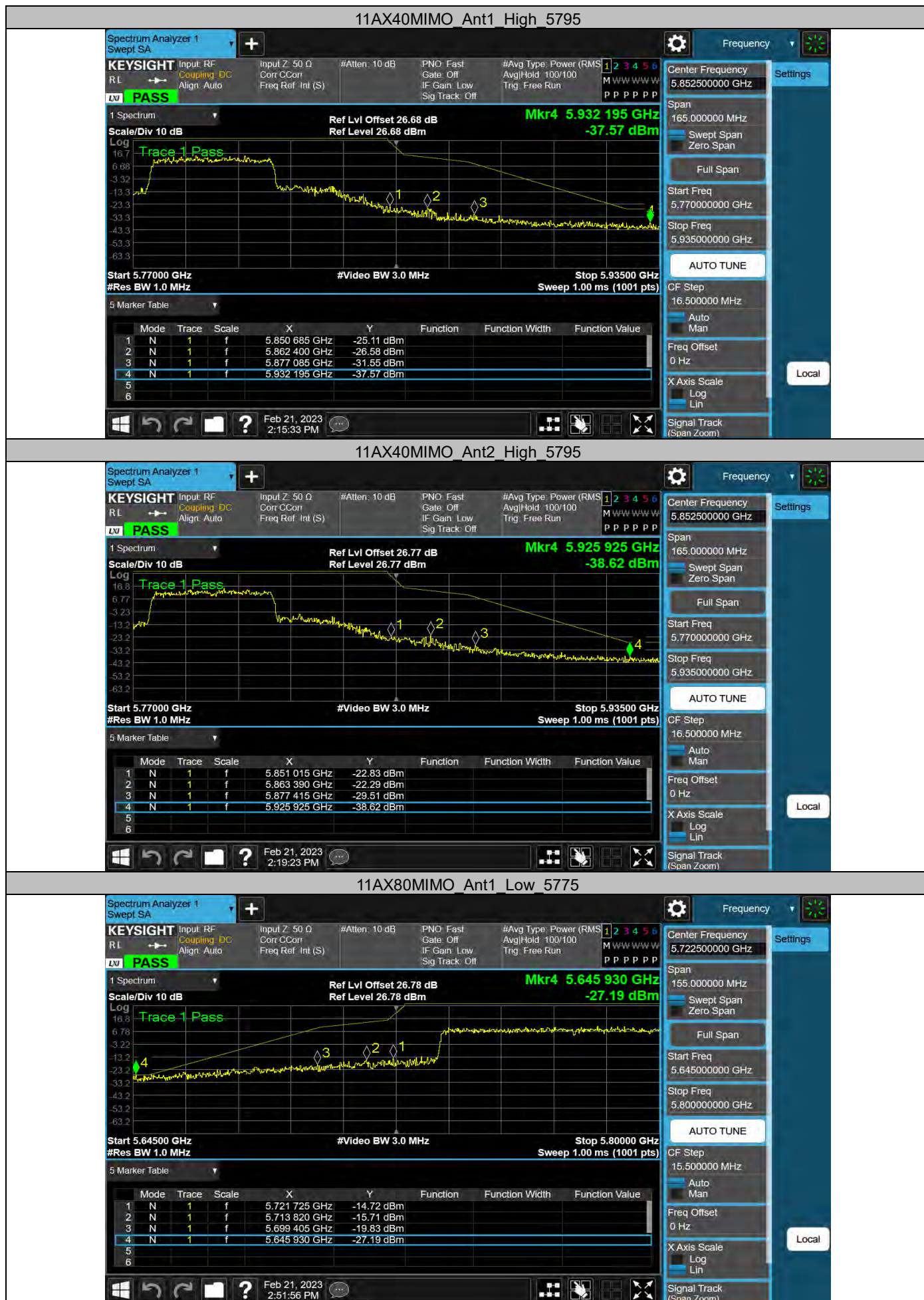


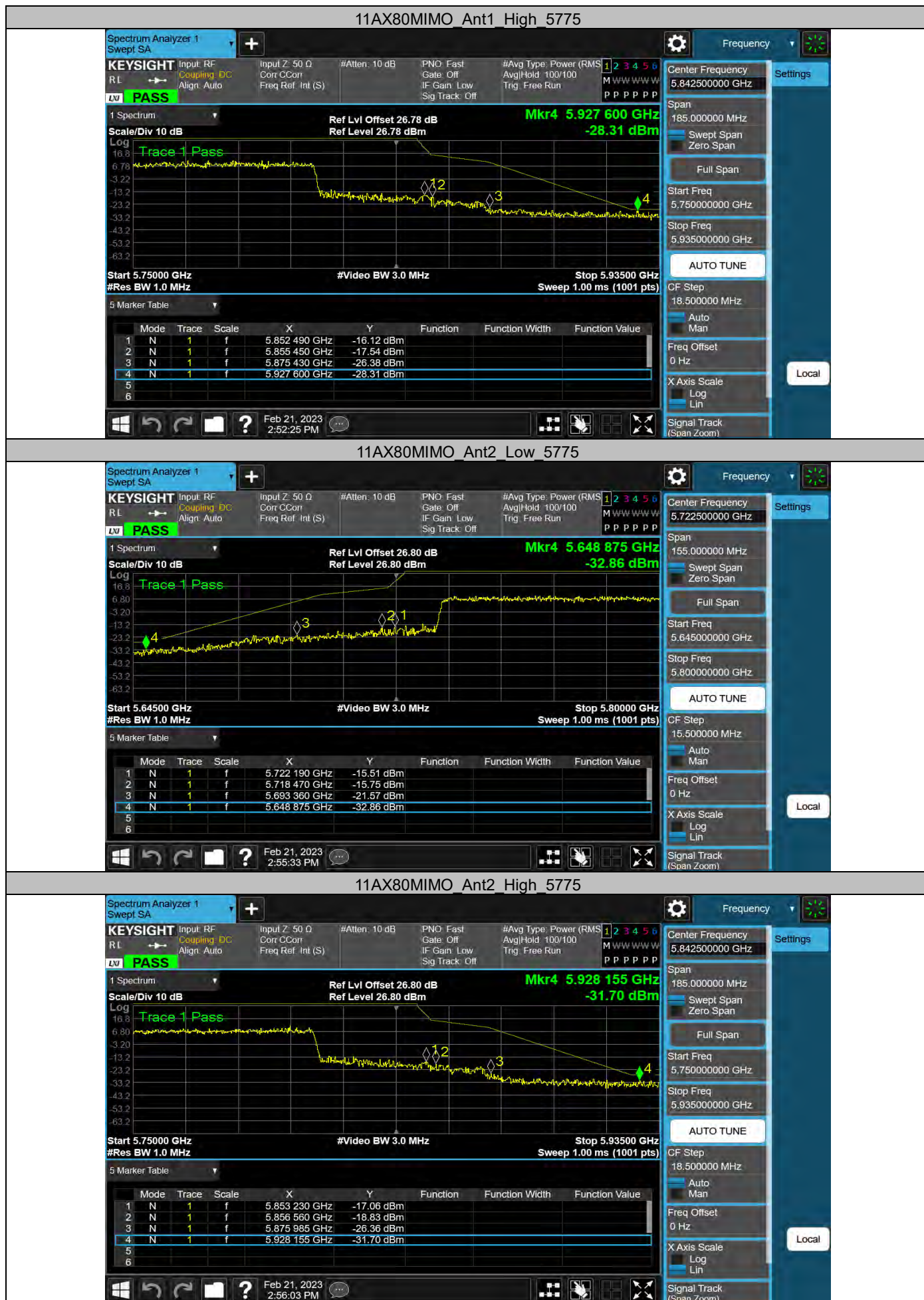












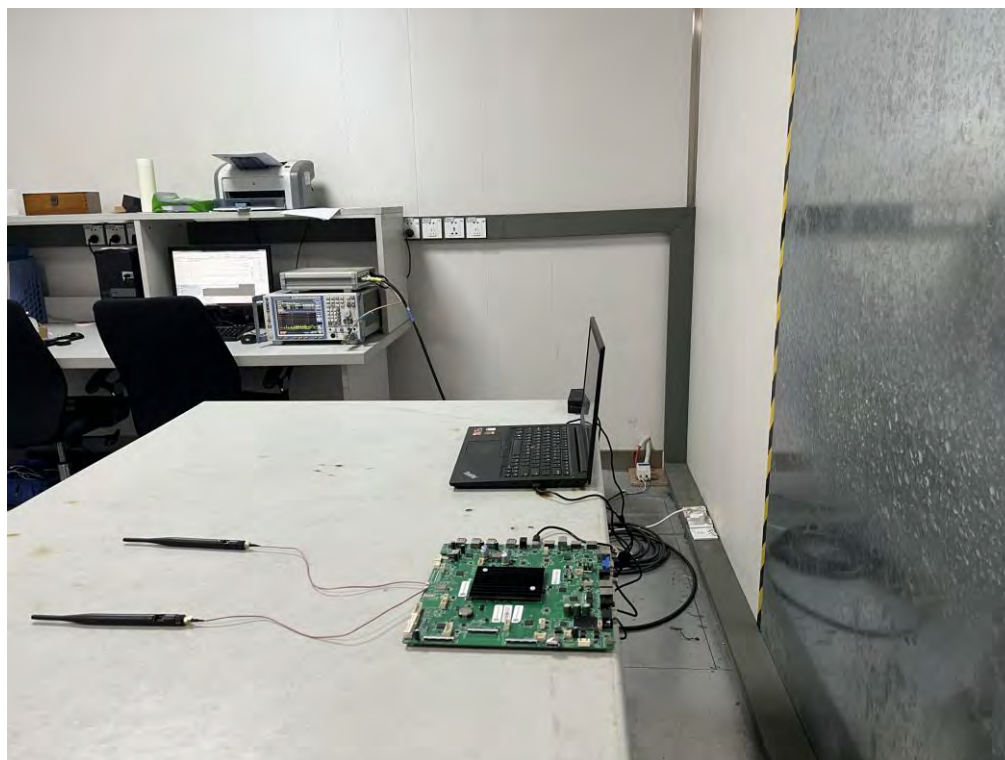
# Appendix H: Frequency Stability Test Result

| Voltage   |         |                 |               |                  |                |                 |             |         |
|-----------|---------|-----------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Test Mode | Antenna | Frequency[M Hz] | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A       | Ant1    | 5180            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         |                 | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         |                 | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         | 5260            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         |                 | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         |                 | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         | 5500            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         |                 | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         |                 | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         | 5745            | NV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         |                 | LV            | NT               | 0.00           | 0.000000        | 20          | PASS    |
|           |         |                 | HV            | NT               | 0.00           | 0.000000        | 20          | PASS    |

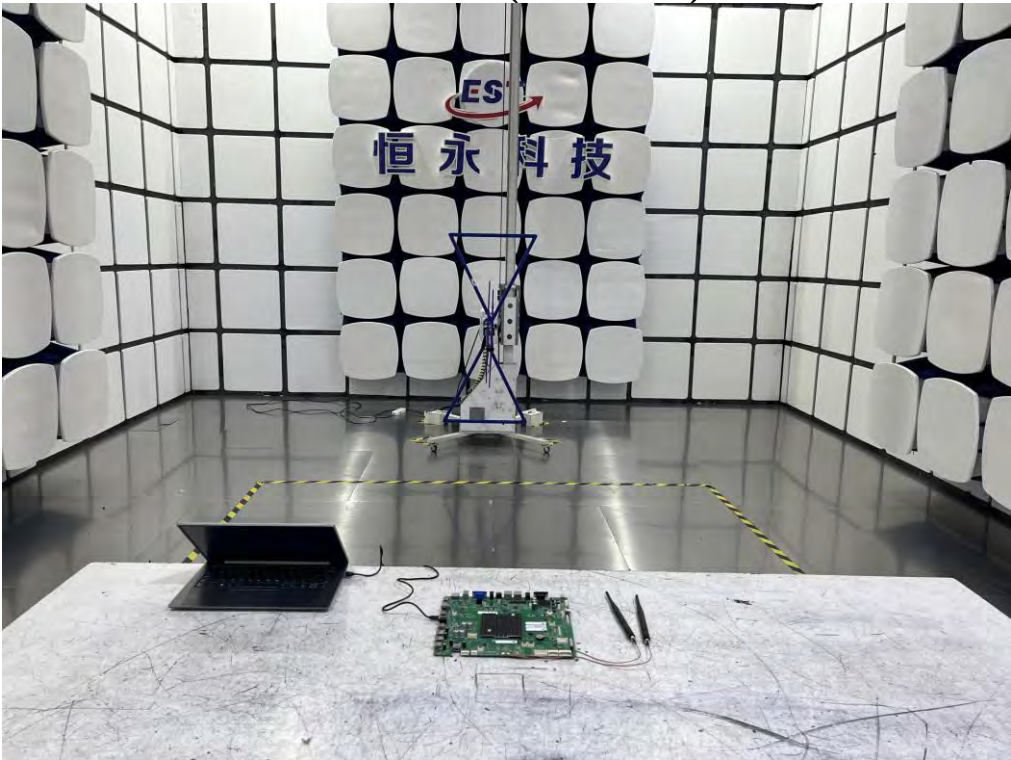
| Temperature |         |                 |               |                  |                |                 |             |         |
|-------------|---------|-----------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Test Mode   | Antenna | Frequency[M Hz] | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A         | Ant1    | 5180            | NV            | -30              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | -20              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | -10              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 0                | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 10               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 20               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 30               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 40               | 0.00           | 0.000000        | 20          | PASS    |
|             |         | 5260            | NV            | 50               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | -30              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | -20              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | -10              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 0                | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 10               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 20               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 30               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 40               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 50               | 0.00           | 0.000000        | 20          | PASS    |
|             |         | 5500            | NV            | -30              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | -20              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | -10              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 0                | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 10               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 20               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 30               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 40               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 50               | 0.00           | 0.000000        | 20          | PASS    |
|             |         | 5745            | NV            | -30              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | -20              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | -10              | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 0                | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 10               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 20               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 30               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 40               | 0.00           | 0.000000        | 20          | PASS    |
|             |         |                 | NV            | 50               | 0.00           | 0.000000        | 20          | PASS    |

## 11. TEST SETUP PHOTO

**Conducted Test**



Radiated Test (Below 1GHz)

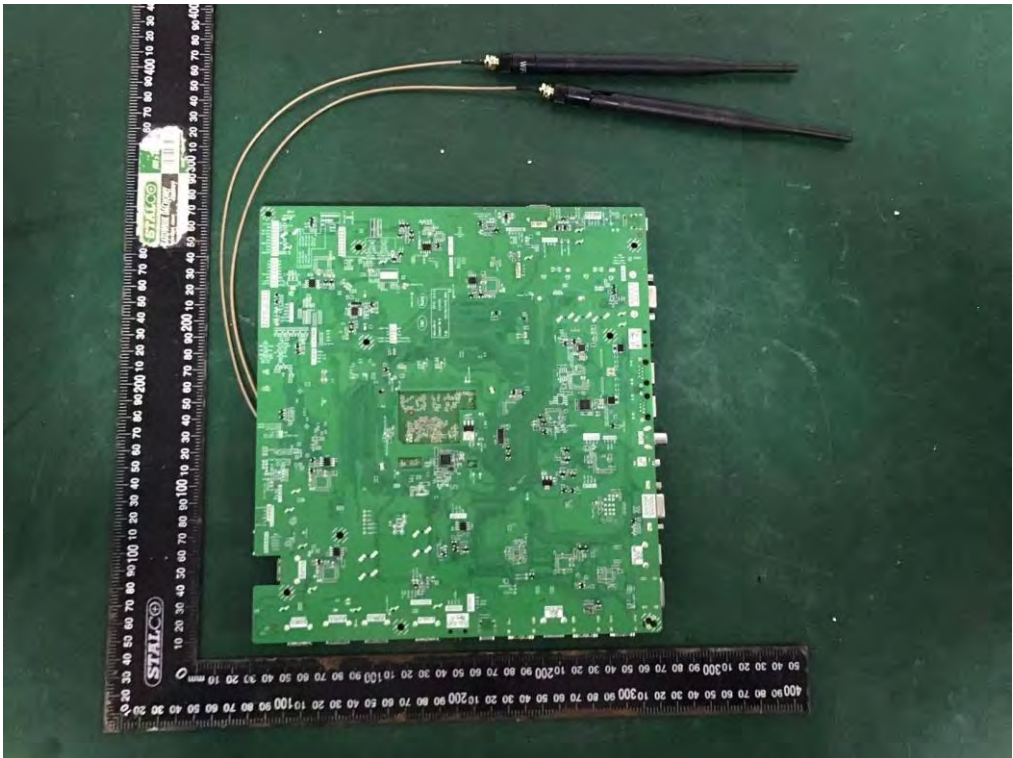
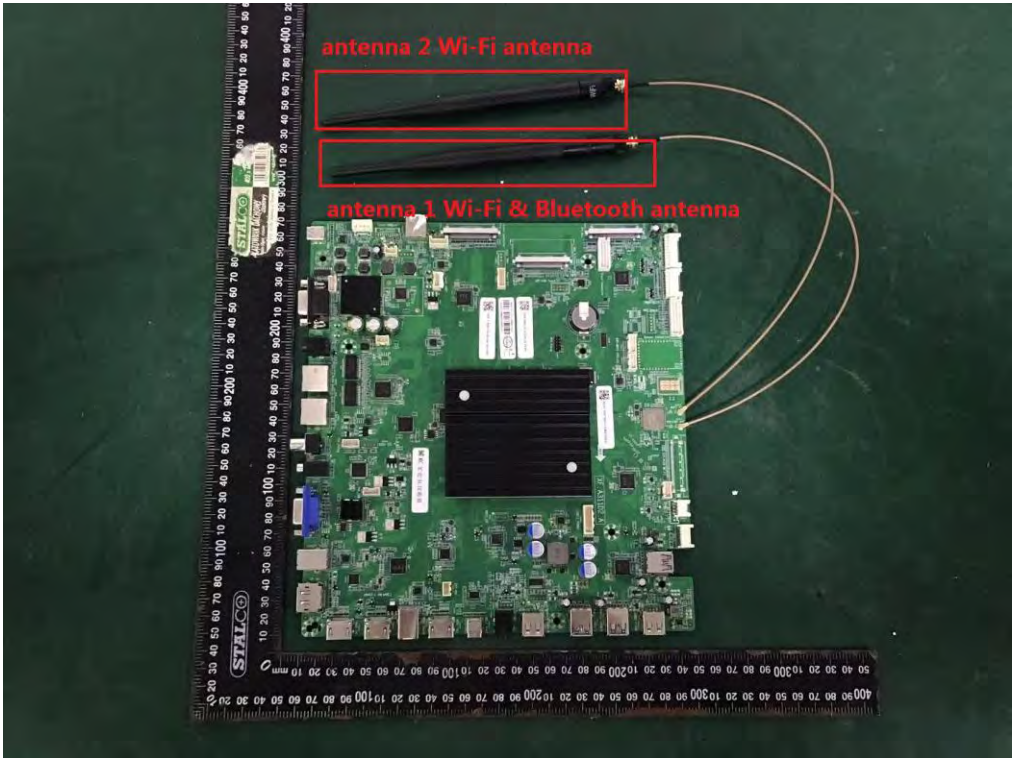


Radiated Test (Above 1GHz)



12. EUT PHOTO

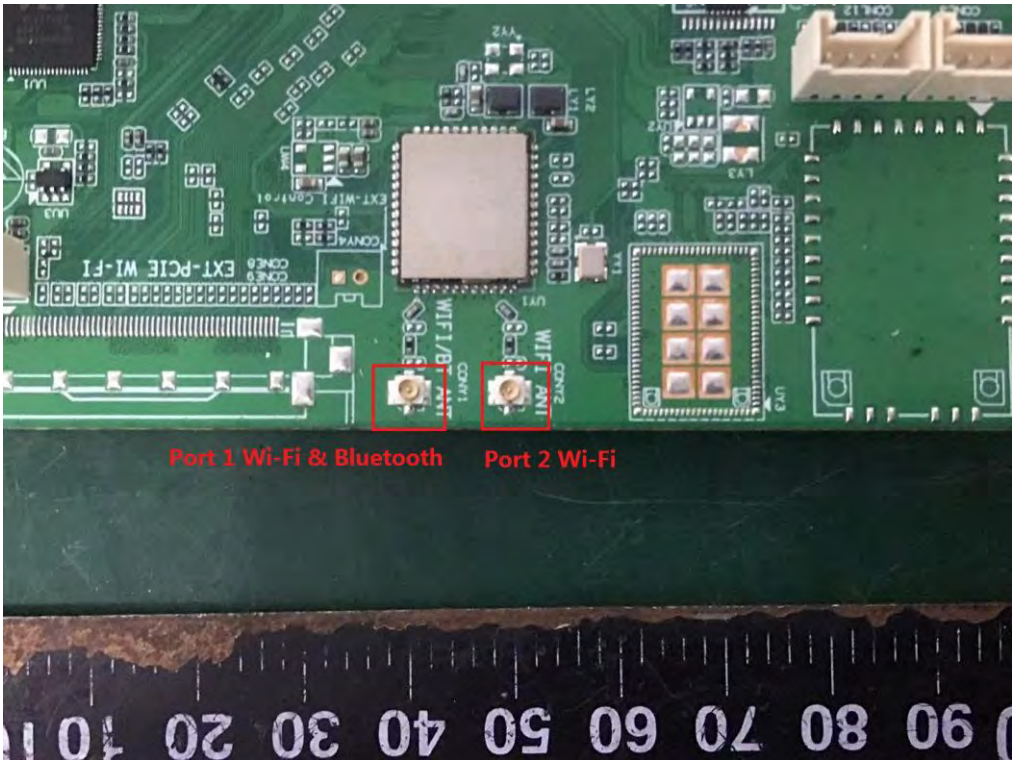
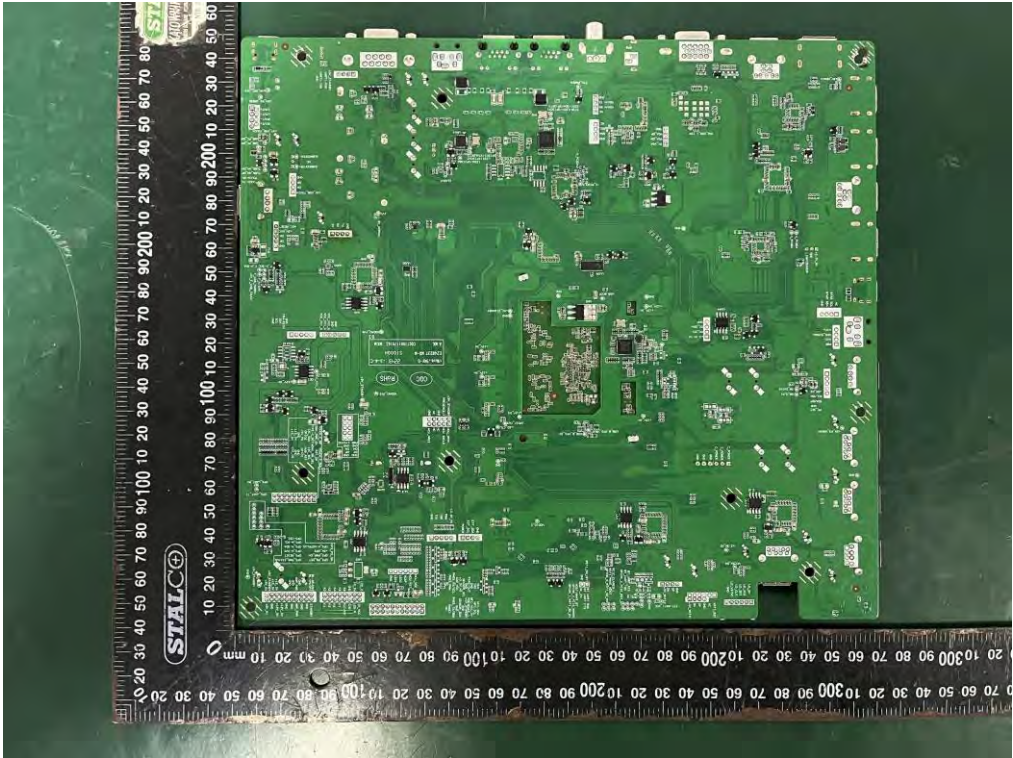
External Photos  
M/N: AP6575P



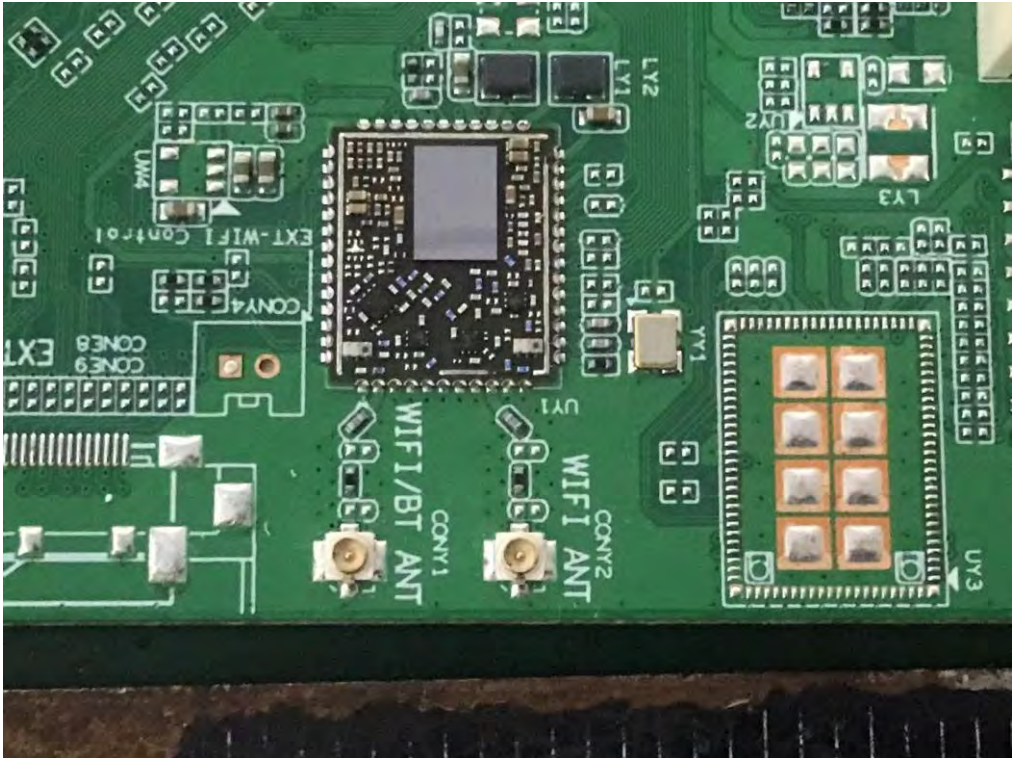
External Photos  
M/N: AP6575P



External Photos  
M/N: AP6575P



Internal Photos  
M/N: AP6575P



End of Test Report