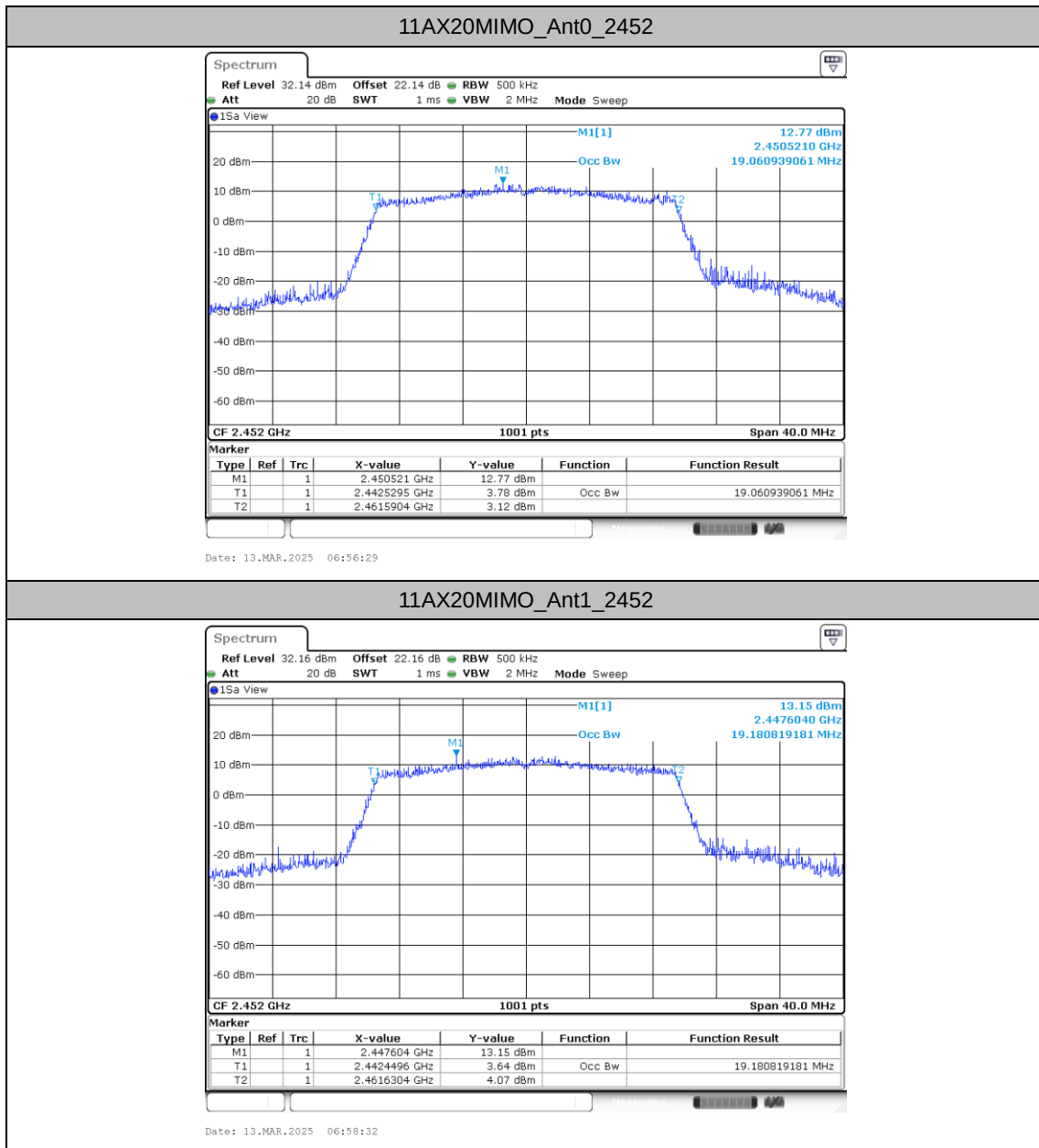
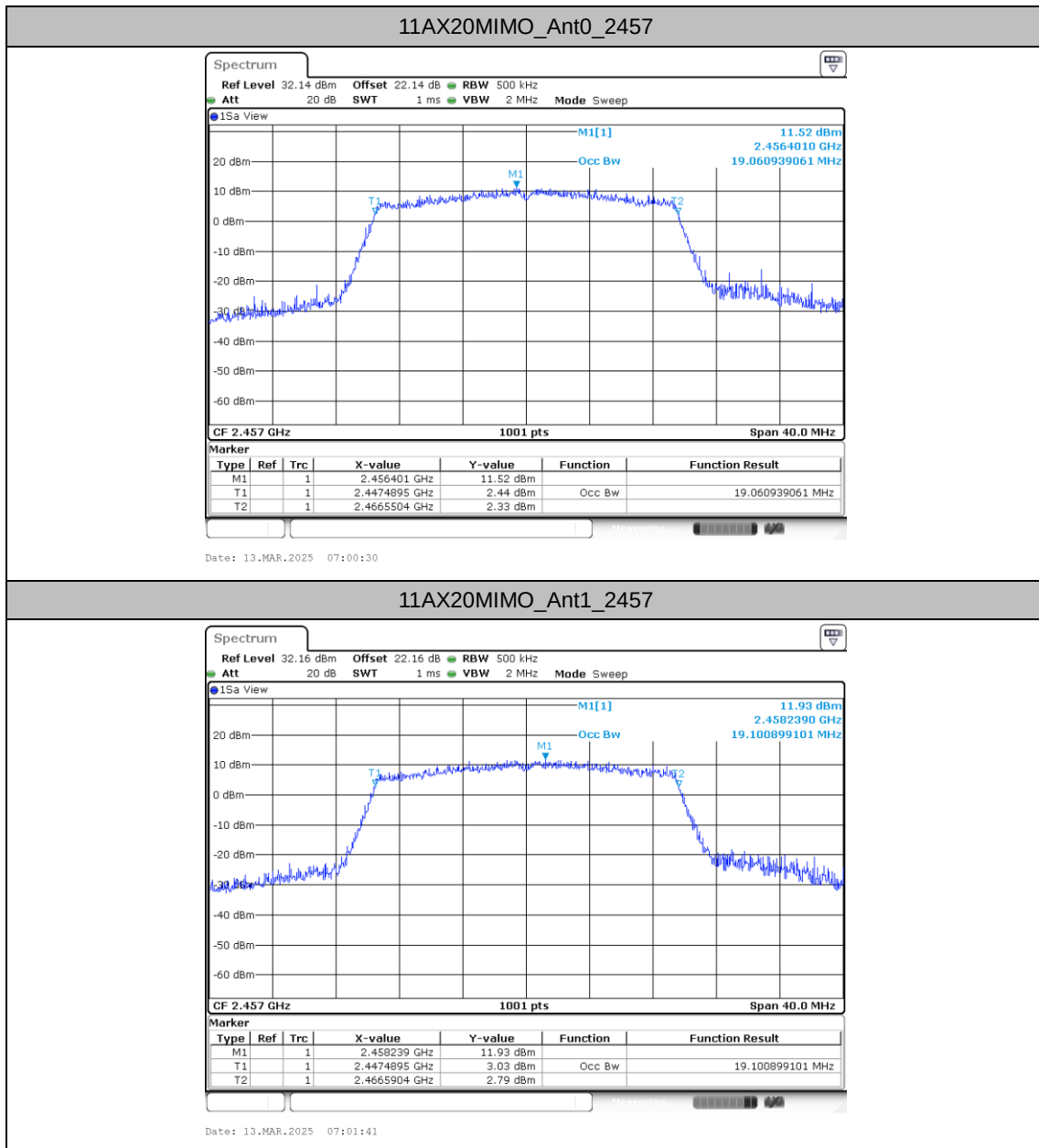
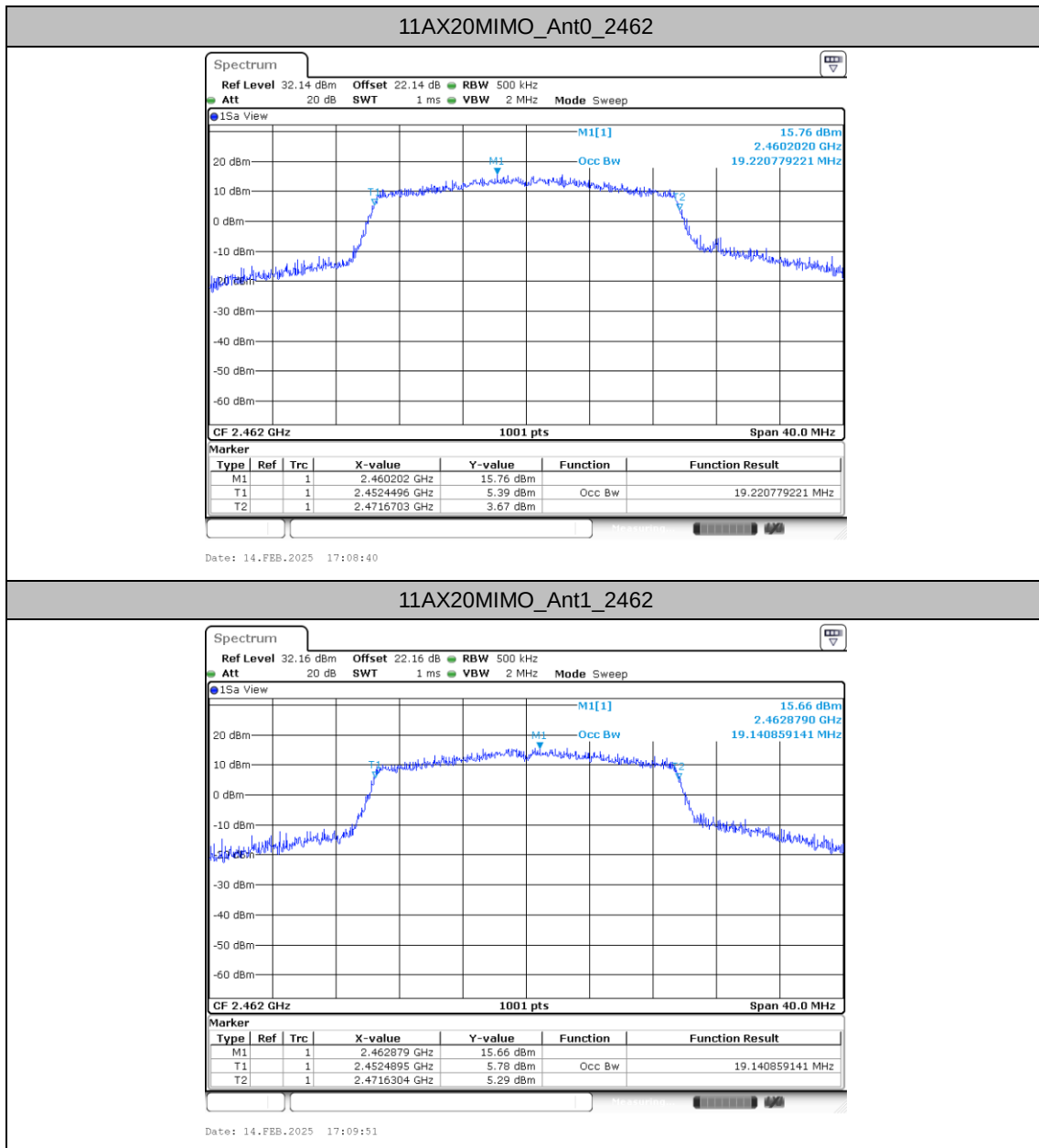










## Maximum power spectral density

### Test Result

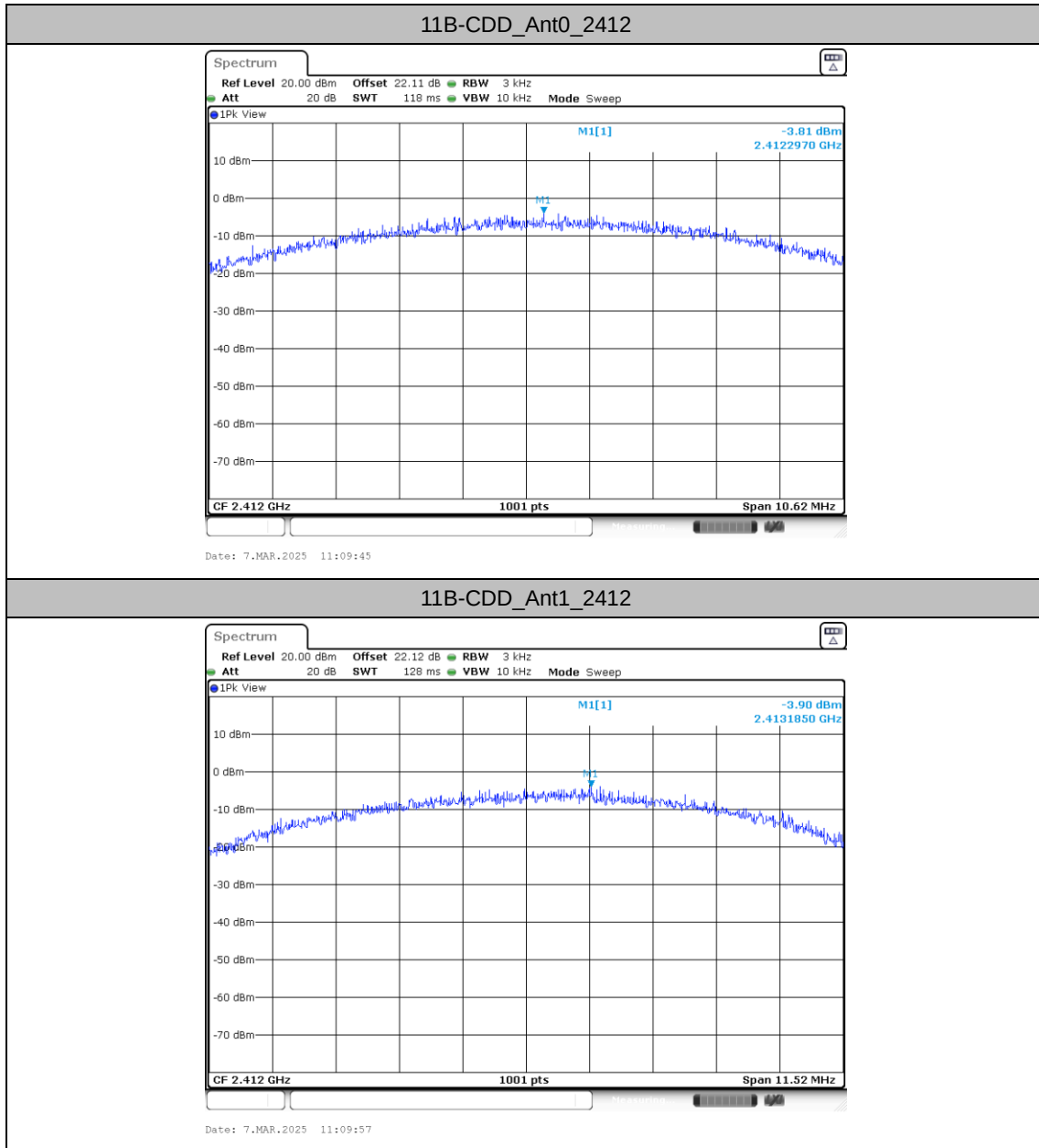
| TestMode   | Antenna | Freq(MHz) | Result [dBm/3kHz] | Limit [dBm/3kHz] | Verdict |
|------------|---------|-----------|-------------------|------------------|---------|
| 11B-CDD    | Ant0    | 2412      | -3.81             | ≤8.00            | PASS    |
|            | Ant1    | 2412      | -3.9              | ≤8.00            | PASS    |
|            | total   | 2412      | -0.84             | ≤8.00            | PASS    |
|            | Ant0    | 2437      | -2.63             | ≤8.00            | PASS    |
|            | Ant1    | 2437      | -2                | ≤8.00            | PASS    |
|            | total   | 2437      | 0.71              | ≤8.00            | PASS    |
|            | Ant0    | 2462      | -4.07             | ≤8.00            | PASS    |
|            | Ant1    | 2462      | -3.21             | ≤8.00            | PASS    |
|            | total   | 2462      | -0.61             | ≤8.00            | PASS    |
| 11G-CDD    | Ant0    | 2412      | -9.7              | ≤8.00            | PASS    |
|            | Ant1    | 2412      | -9.28             | ≤8.00            | PASS    |
|            | total   | 2412      | -6.47             | ≤8.00            | PASS    |
|            | Ant0    | 2417      | -8.31             | ≤8.00            | PASS    |
|            | Ant1    | 2417      | -7.7              | ≤8.00            | PASS    |
|            | total   | 2417      | -4.98             | ≤8.00            | PASS    |
|            | Ant0    | 2437      | -5.79             | ≤8.00            | PASS    |
|            | Ant1    | 2437      | -5.25             | ≤8.00            | PASS    |
|            | total   | 2437      | -2.50             | ≤8.00            | PASS    |
|            | Ant0    | 2452      | -8.17             | ≤8.00            | PASS    |
|            | Ant1    | 2452      | -8.17             | ≤8.00            | PASS    |
|            | total   | 2452      | -5.16             | ≤8.00            | PASS    |
|            | Ant0    | 2457      | -9.24             | ≤8.00            | PASS    |
|            | Ant1    | 2457      | -9.26             | ≤8.00            | PASS    |
|            | total   | 2457      | -6.24             | ≤8.00            | PASS    |
|            | Ant0    | 2462      | -9.96             | ≤8.00            | PASS    |
|            | Ant1    | 2462      | -9.07             | ≤8.00            | PASS    |
|            | total   | 2462      | -6.48             | ≤8.00            | PASS    |
| 11AC20MIMO | Ant0    | 2412      | -9.73             | ≤8.00            | PASS    |
|            | Ant1    | 2412      | -9.2              | ≤8.00            | PASS    |
|            | total   | 2412      | -6.45             | ≤8.00            | PASS    |
|            | Ant0    | 2417      | -8.81             | ≤8.00            | PASS    |
|            | Ant1    | 2417      | -8.28             | ≤8.00            | PASS    |
|            | total   | 2417      | -5.53             | ≤8.00            | PASS    |
|            | Ant0    | 2437      | -6.81             | ≤8.00            | PASS    |
|            | Ant1    | 2437      | -6.06             | ≤8.00            | PASS    |
|            | total   | 2437      | -3.41             | ≤8.00            | PASS    |
|            | Ant0    | 2452      | -8.7              | ≤8.00            | PASS    |
|            | Ant1    | 2452      | -8.63             | ≤8.00            | PASS    |
|            | total   | 2452      | -5.65             | ≤8.00            | PASS    |
|            | Ant0    | 2457      | -8.88             | ≤8.00            | PASS    |
|            | Ant1    | 2457      | -8.92             | ≤8.00            | PASS    |
|            | total   | 2457      | -5.89             | ≤8.00            | PASS    |
|            | Ant0    | 2462      | -9.4              | ≤8.00            | PASS    |
|            | Ant1    | 2462      | -9.57             | ≤8.00            | PASS    |
|            | total   | 2462      | -6.47             | ≤8.00            | PASS    |

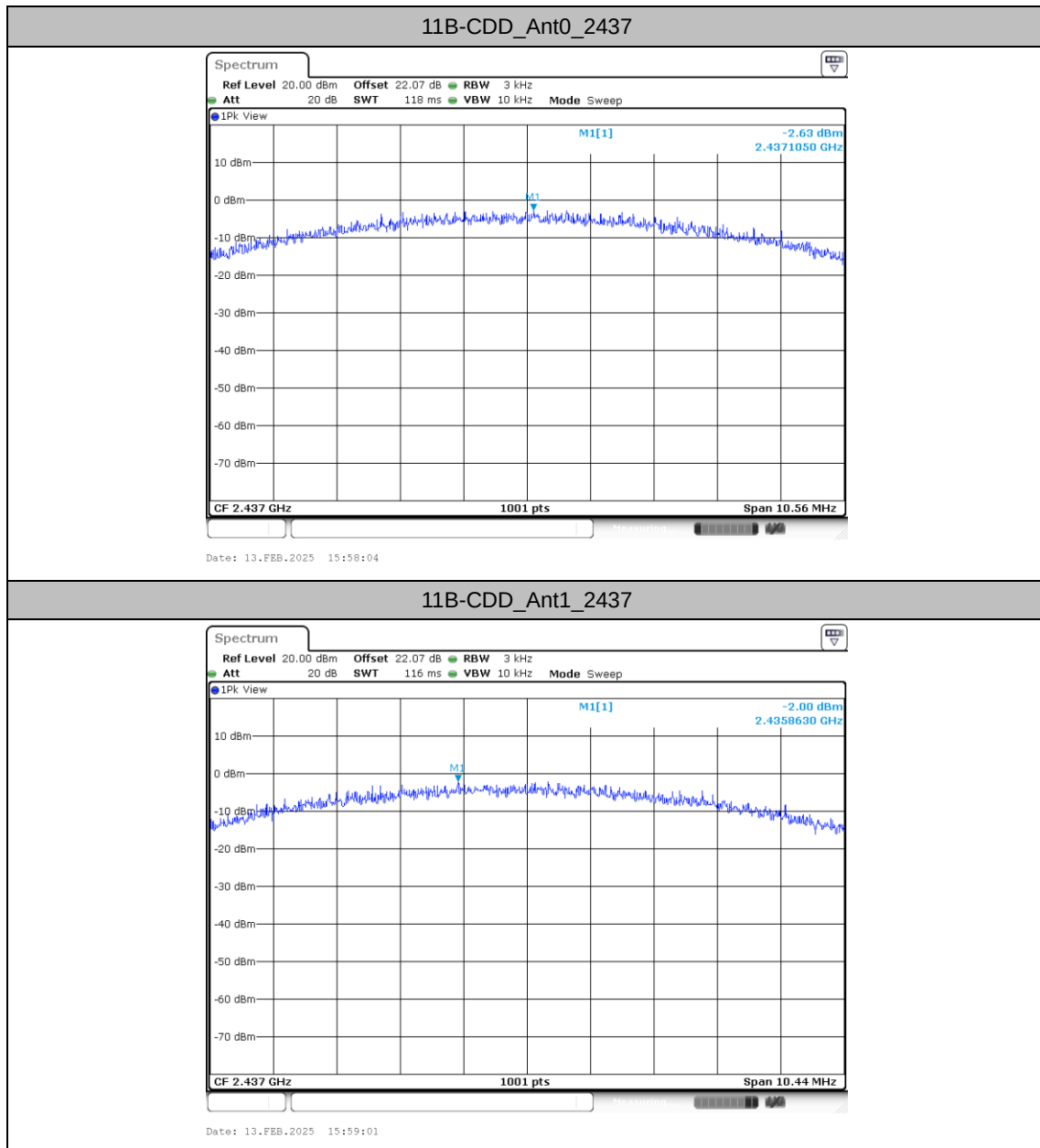


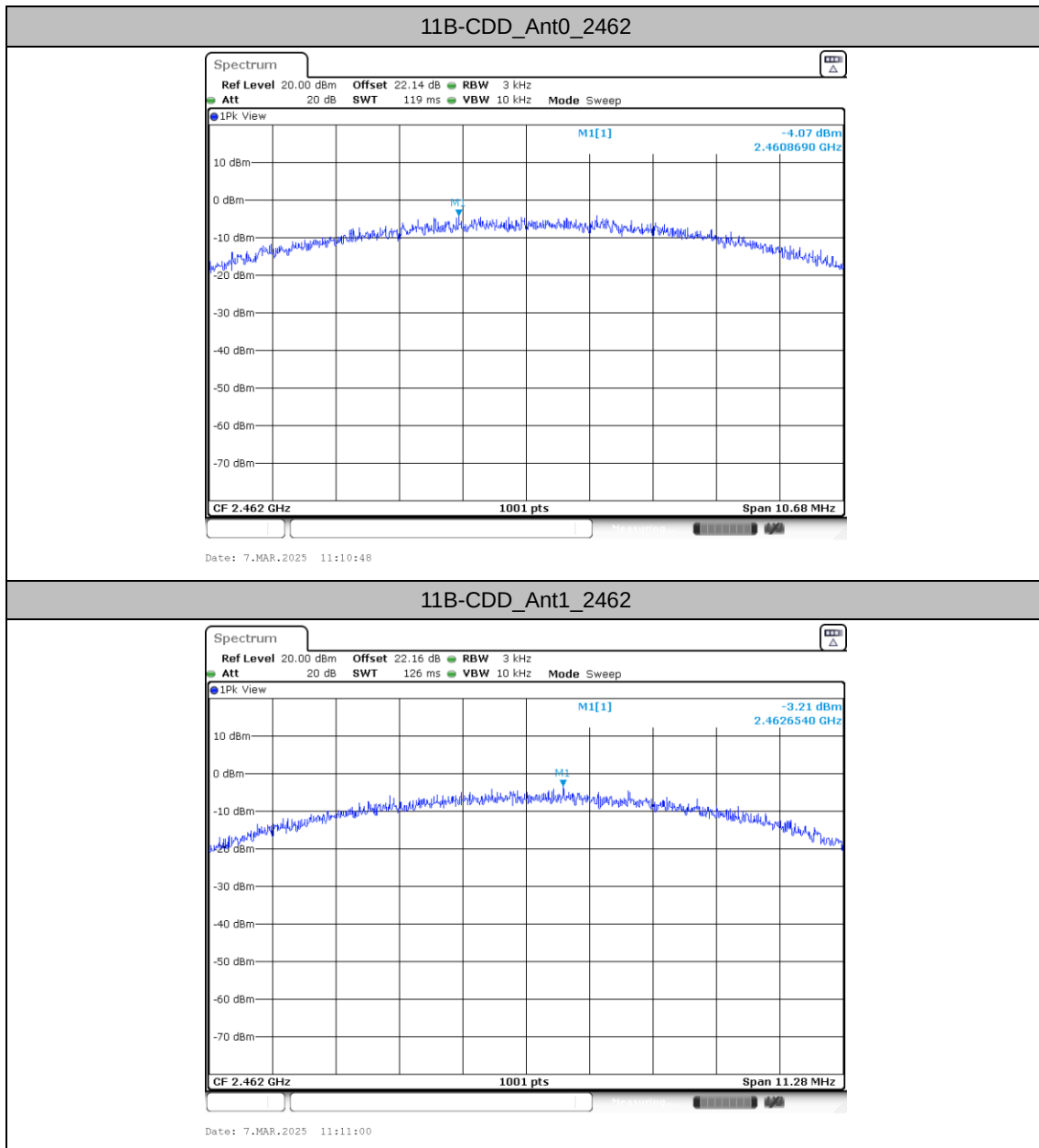
| TestMode   | Antenna | Freq(MHz) | Result<br>[dBm/3kHz] | Limit<br>[dBm/3kHz] | Verdict |
|------------|---------|-----------|----------------------|---------------------|---------|
| 11AX20MIMO | Ant0    | 2412      | -9.65                | ≤8.00               | PASS    |
|            | Ant1    | 2412      | -9.6                 | ≤8.00               | PASS    |
|            | total   | 2412      | -6.61                | ≤8.00               | PASS    |
|            | Ant0    | 2417      | -9.31                | ≤8.00               | PASS    |
|            | Ant1    | 2417      | -9.15                | ≤8.00               | PASS    |
|            | total   | 2417      | -6.22                | ≤8.00               | PASS    |
|            | Ant0    | 2437      | -7.26                | ≤8.00               | PASS    |
|            | Ant1    | 2437      | -6.72                | ≤8.00               | PASS    |
|            | total   | 2437      | -3.97                | ≤8.00               | PASS    |
|            | Ant0    | 2452      | -8.62                | ≤8.00               | PASS    |
|            | Ant1    | 2452      | -8.83                | ≤8.00               | PASS    |
|            | total   | 2452      | -5.71                | ≤8.00               | PASS    |
|            | Ant0    | 2457      | -10.34               | ≤8.00               | PASS    |
|            | Ant1    | 2457      | -9.75                | ≤8.00               | PASS    |
|            | total   | 2457      | -7.02                | ≤8.00               | PASS    |
|            | Ant0    | 2462      | -11.26               | ≤8.00               | PASS    |
|            | Ant1    | 2462      | -10.23               | ≤8.00               | PASS    |
|            | total   | 2462      | -7.70                | ≤8.00               | PASS    |



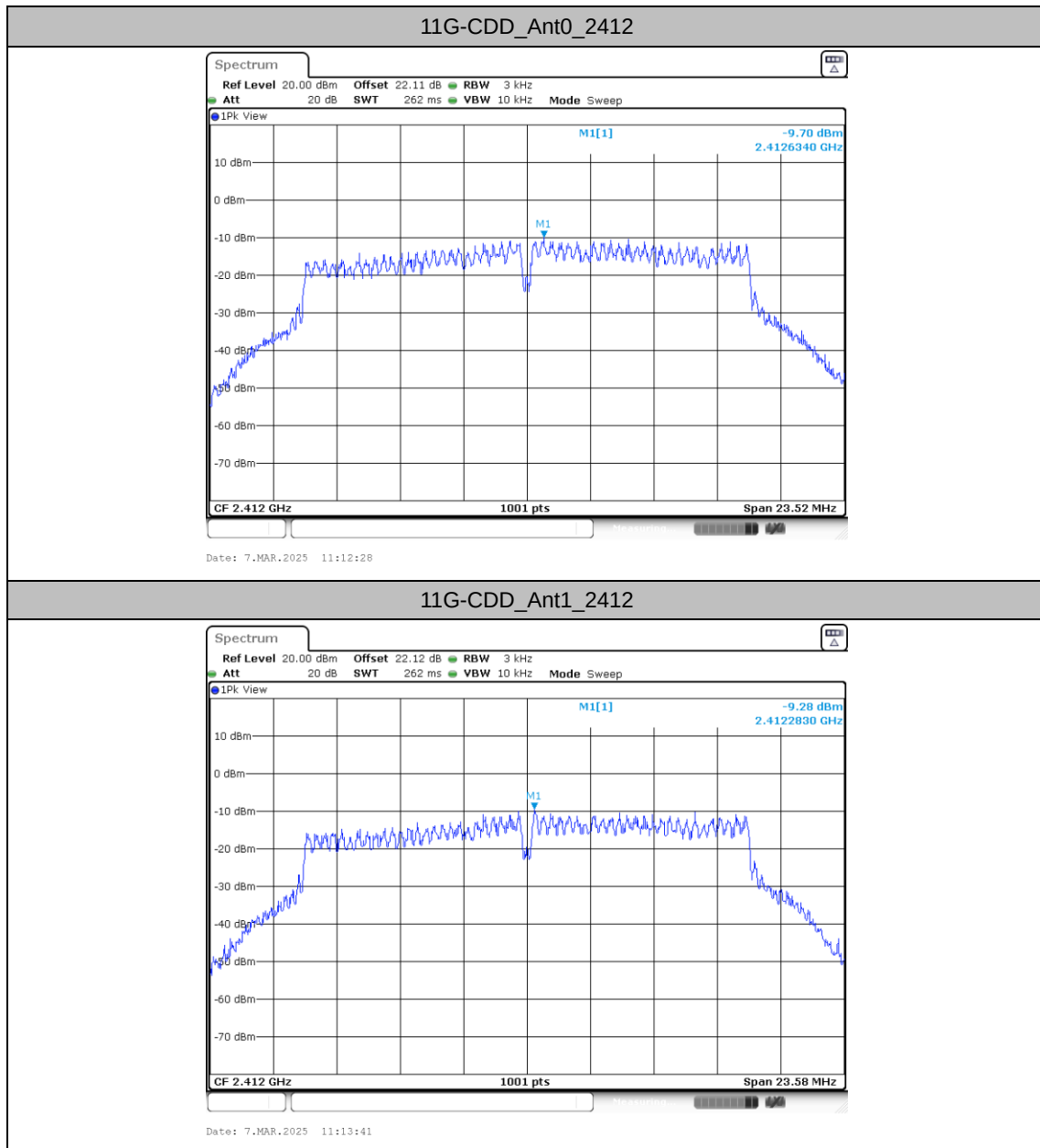
## Test Graphs



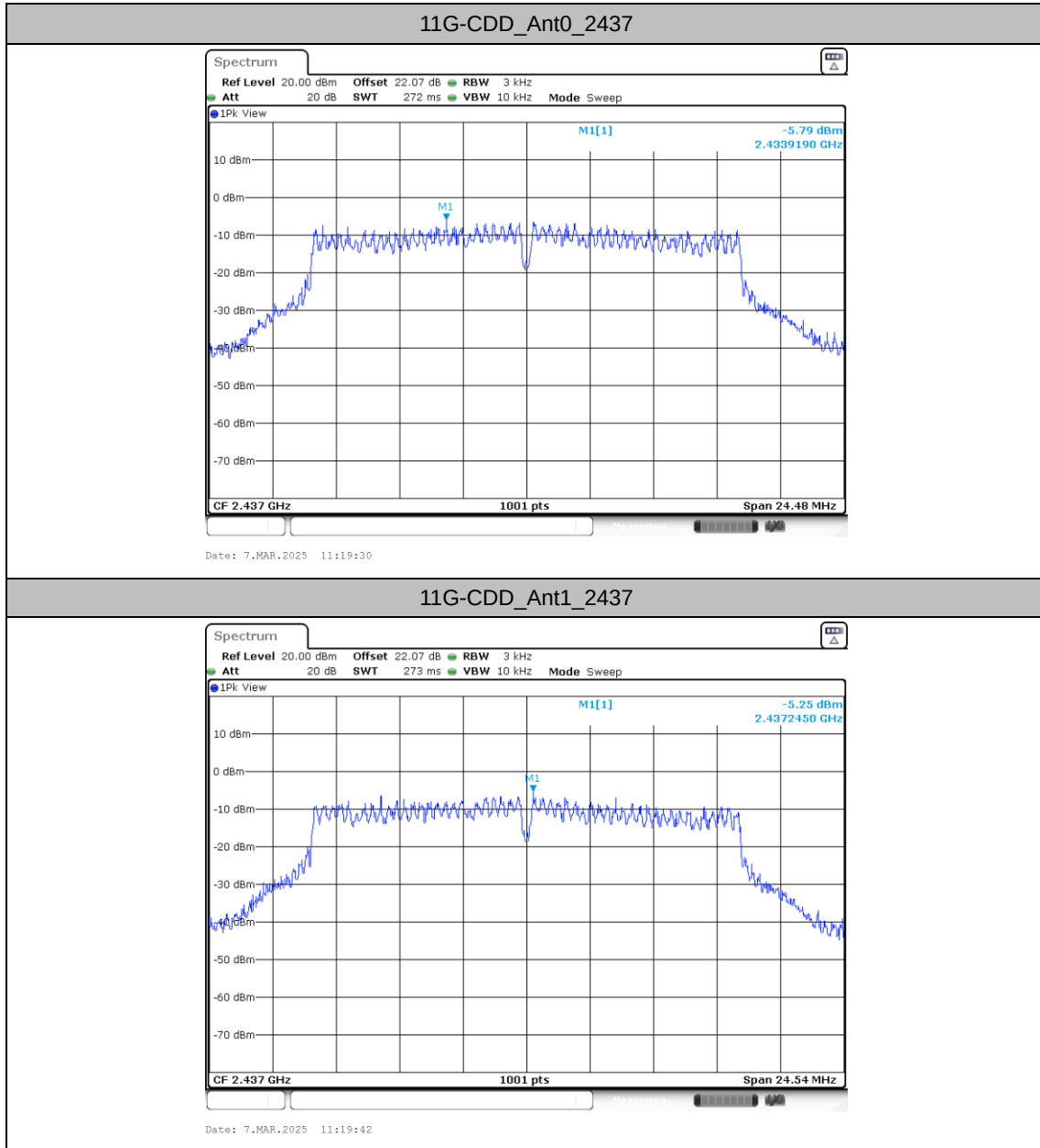


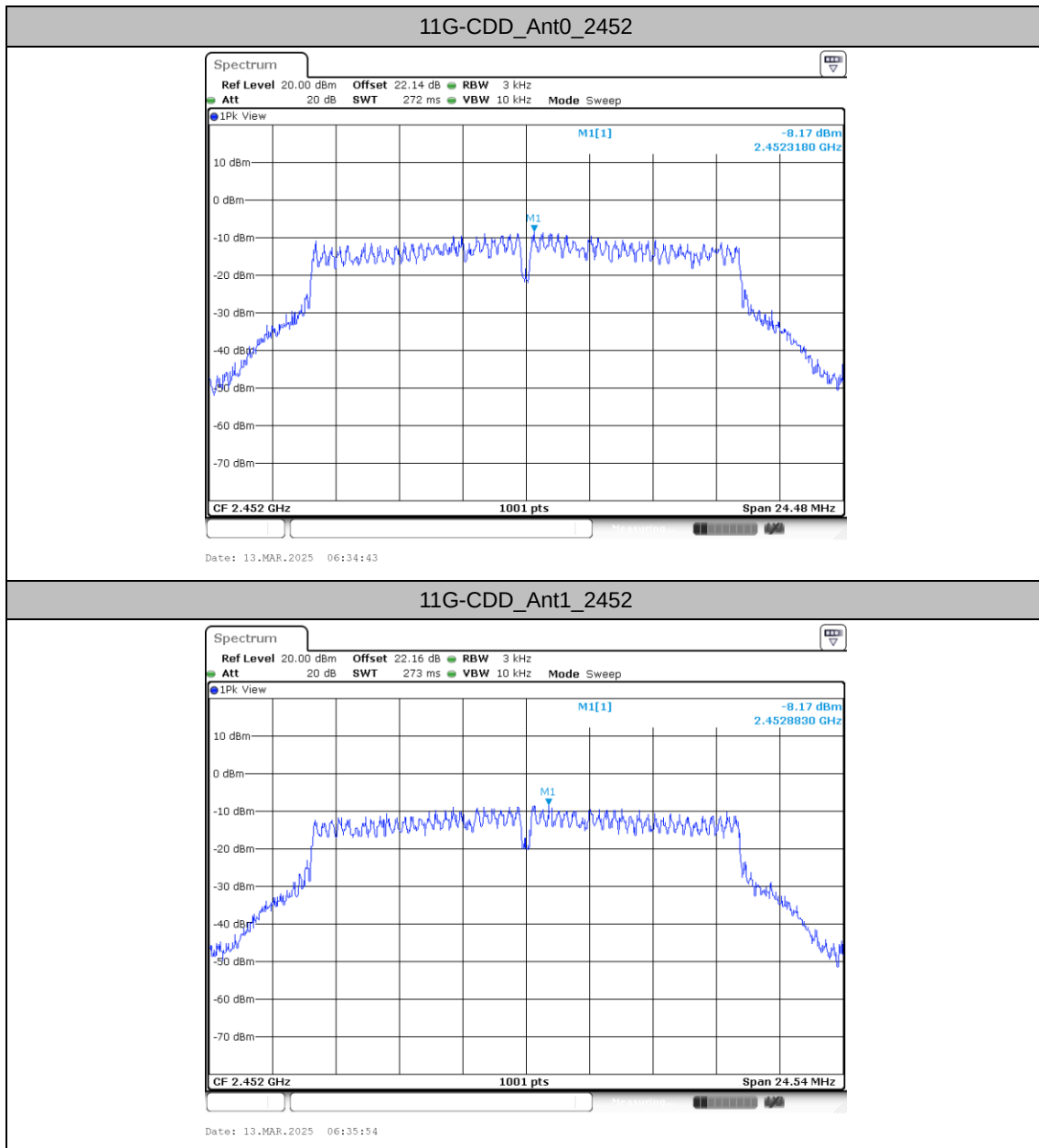


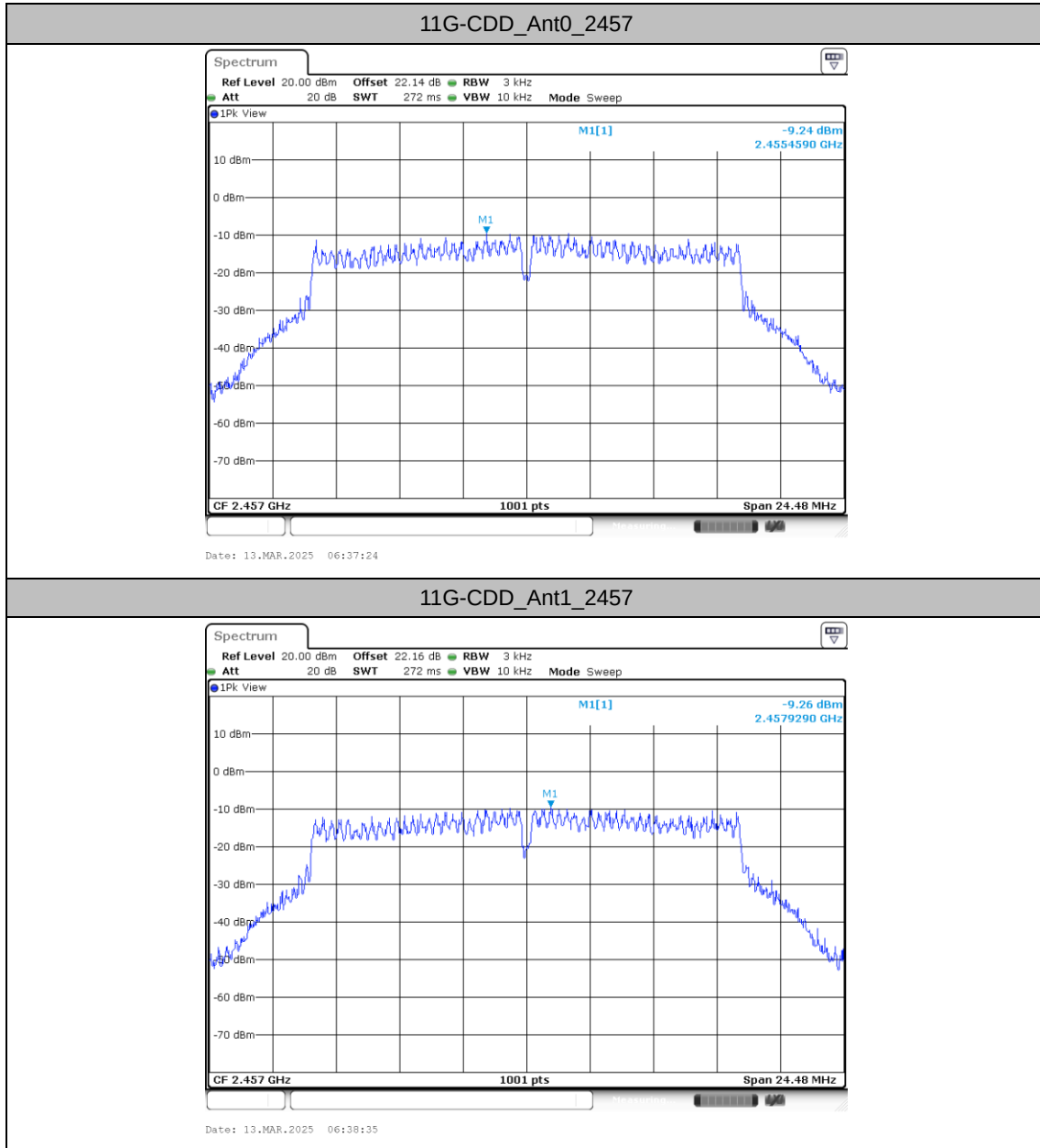


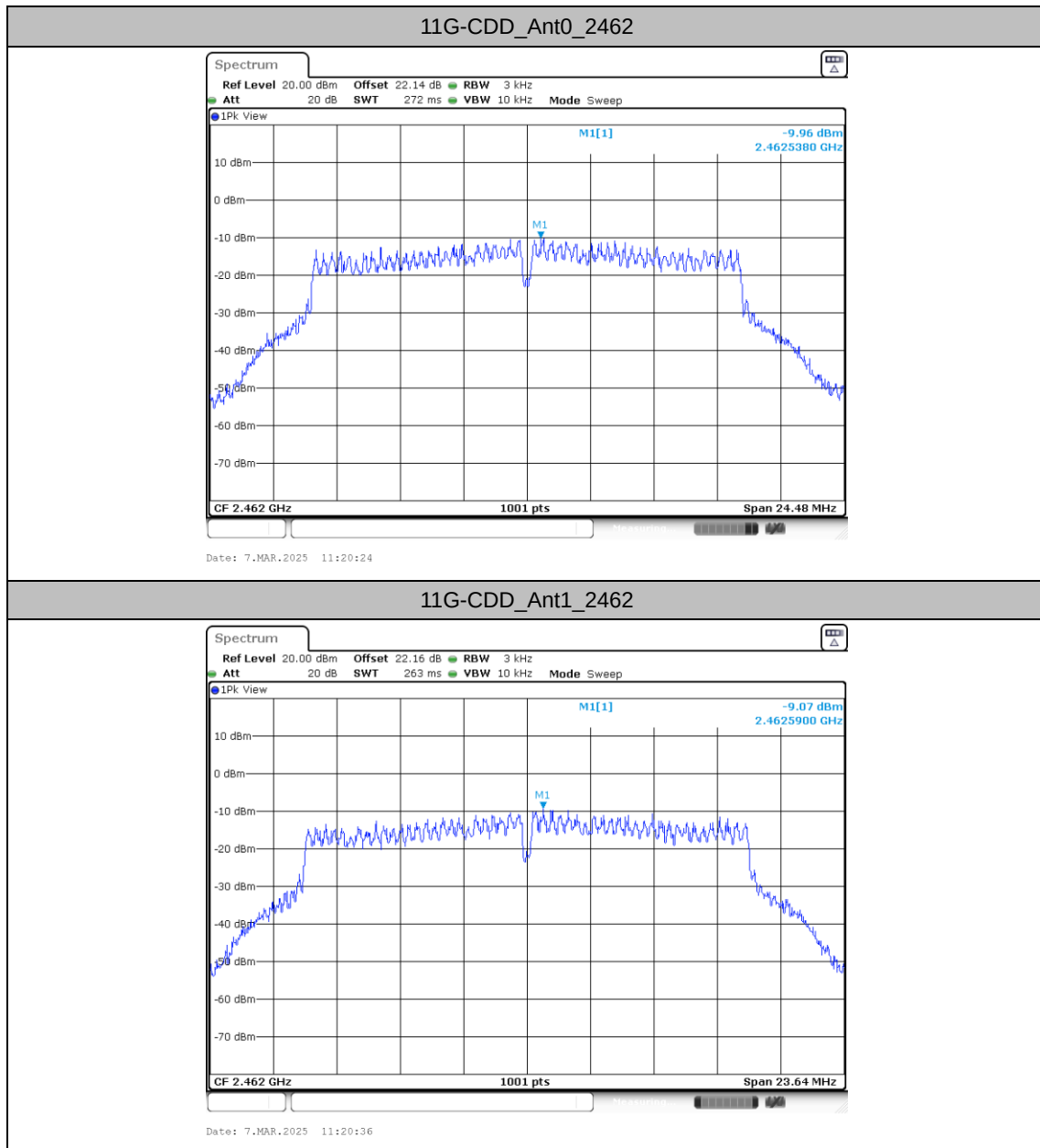


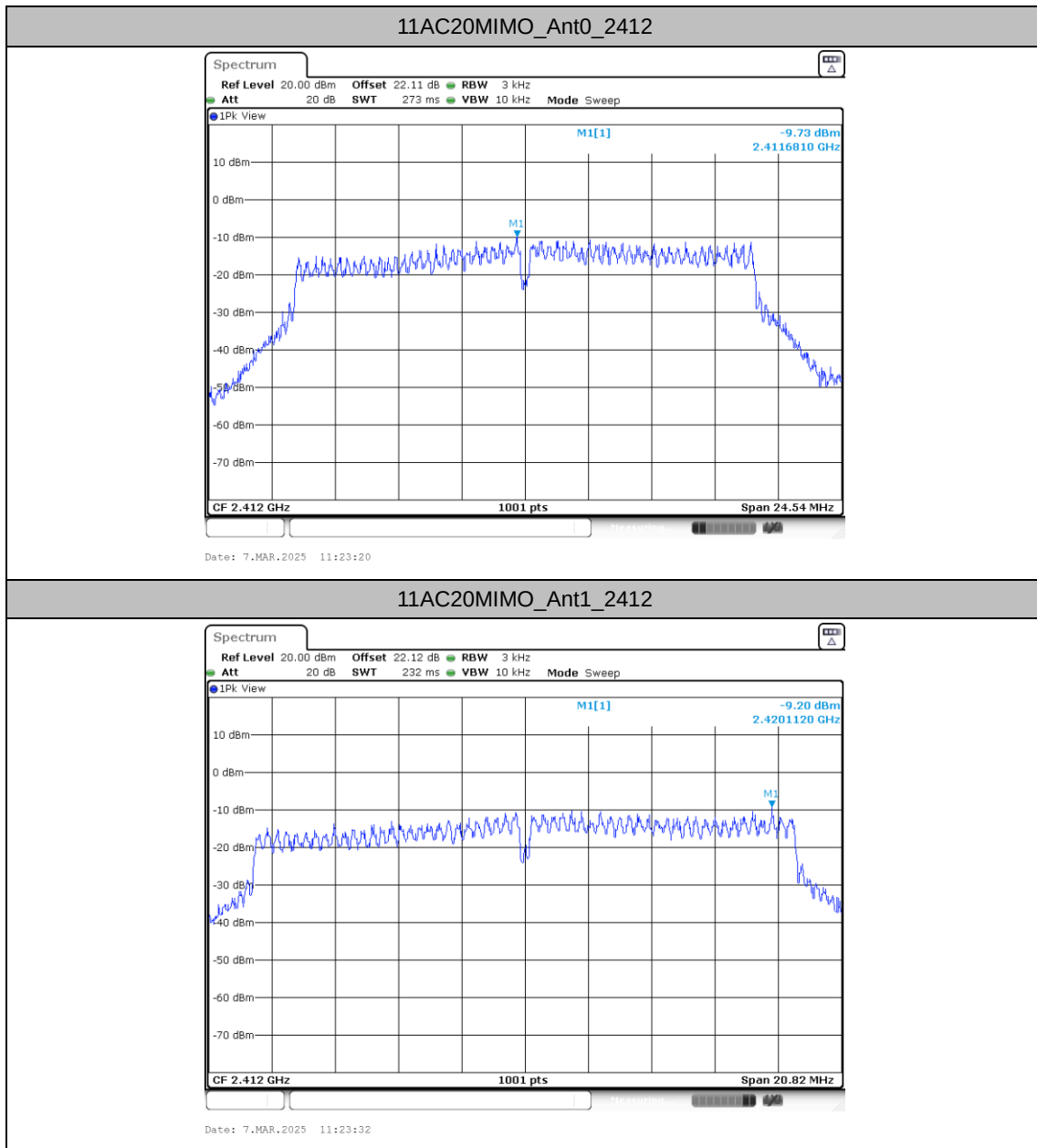


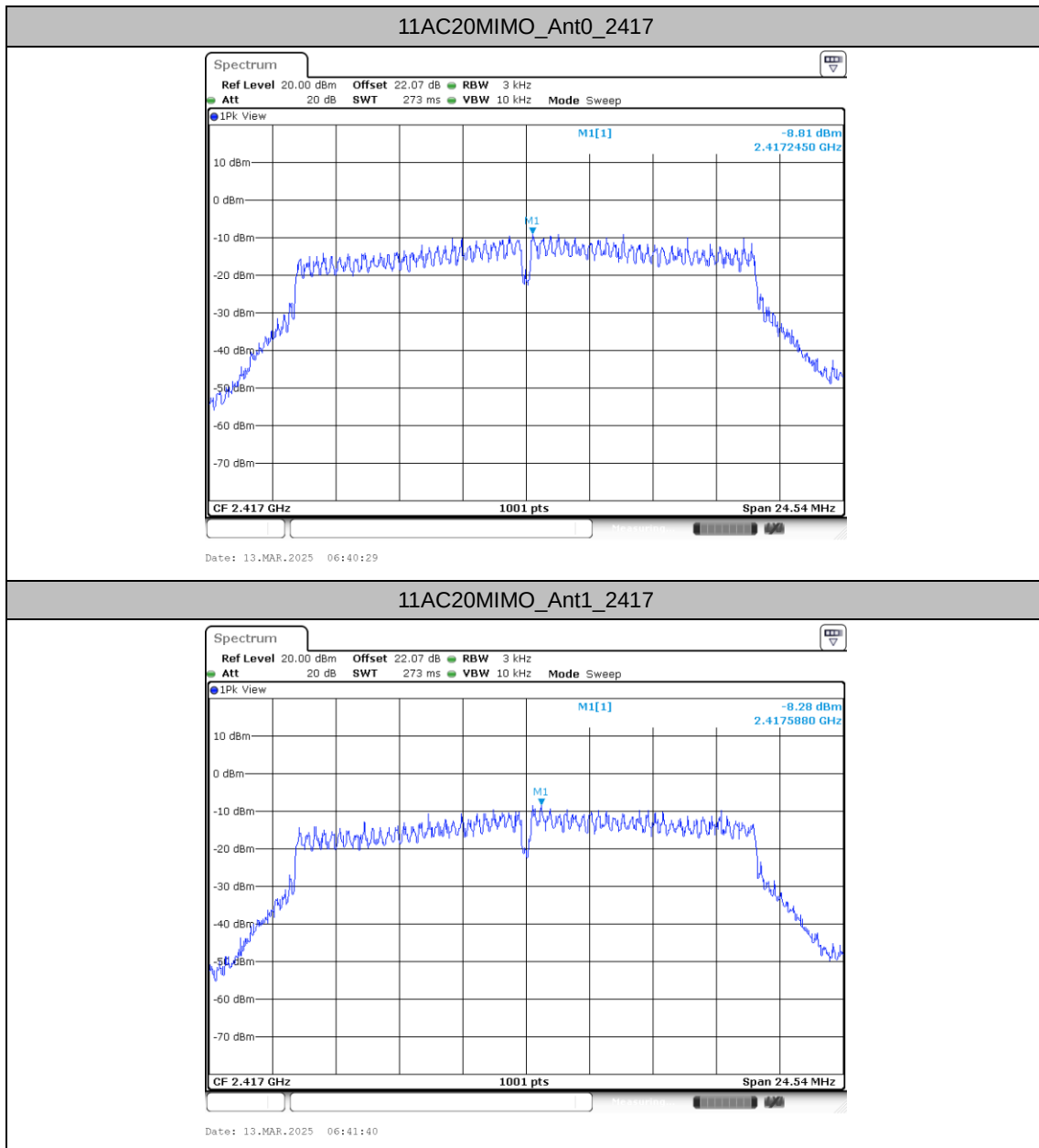




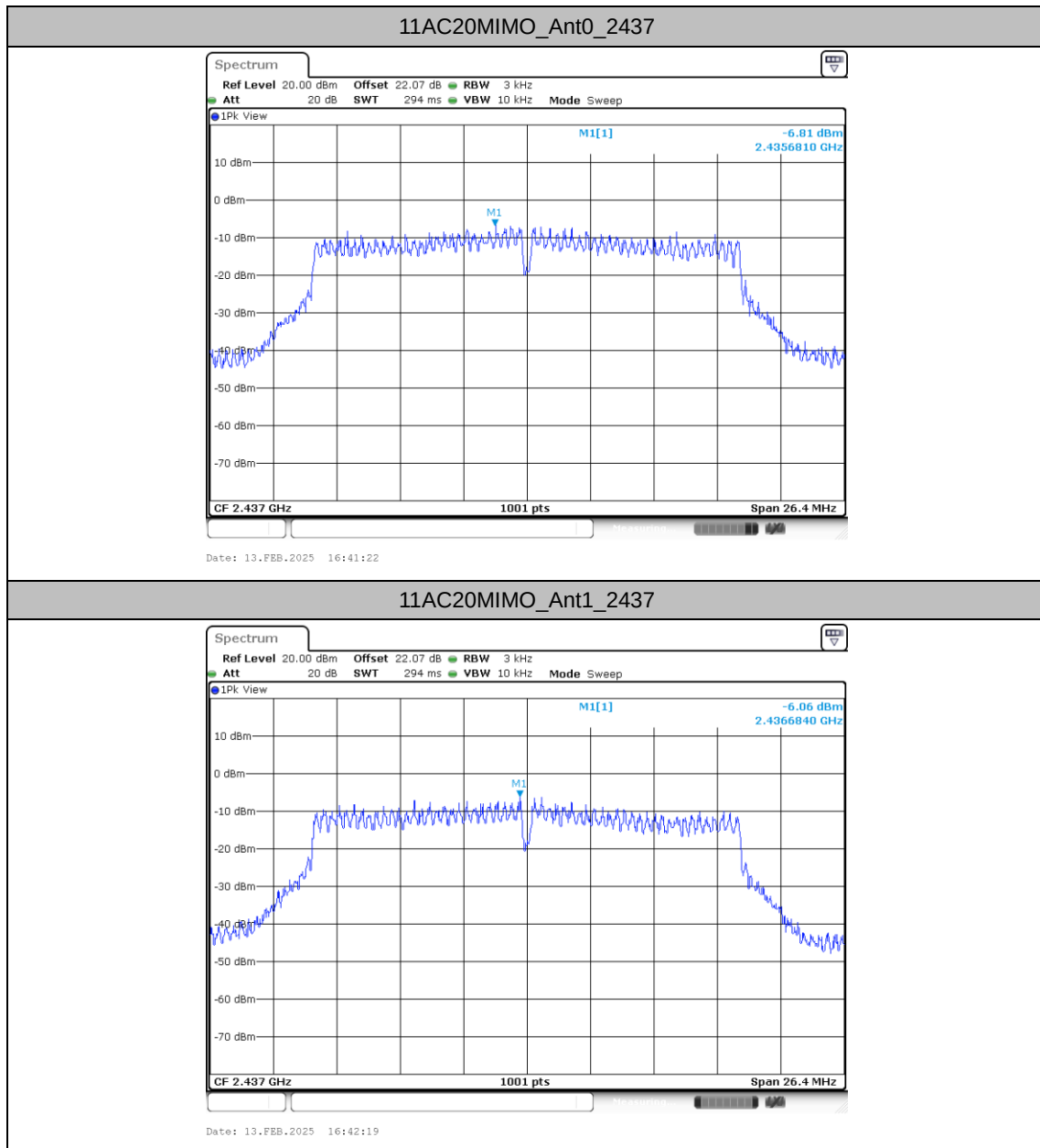


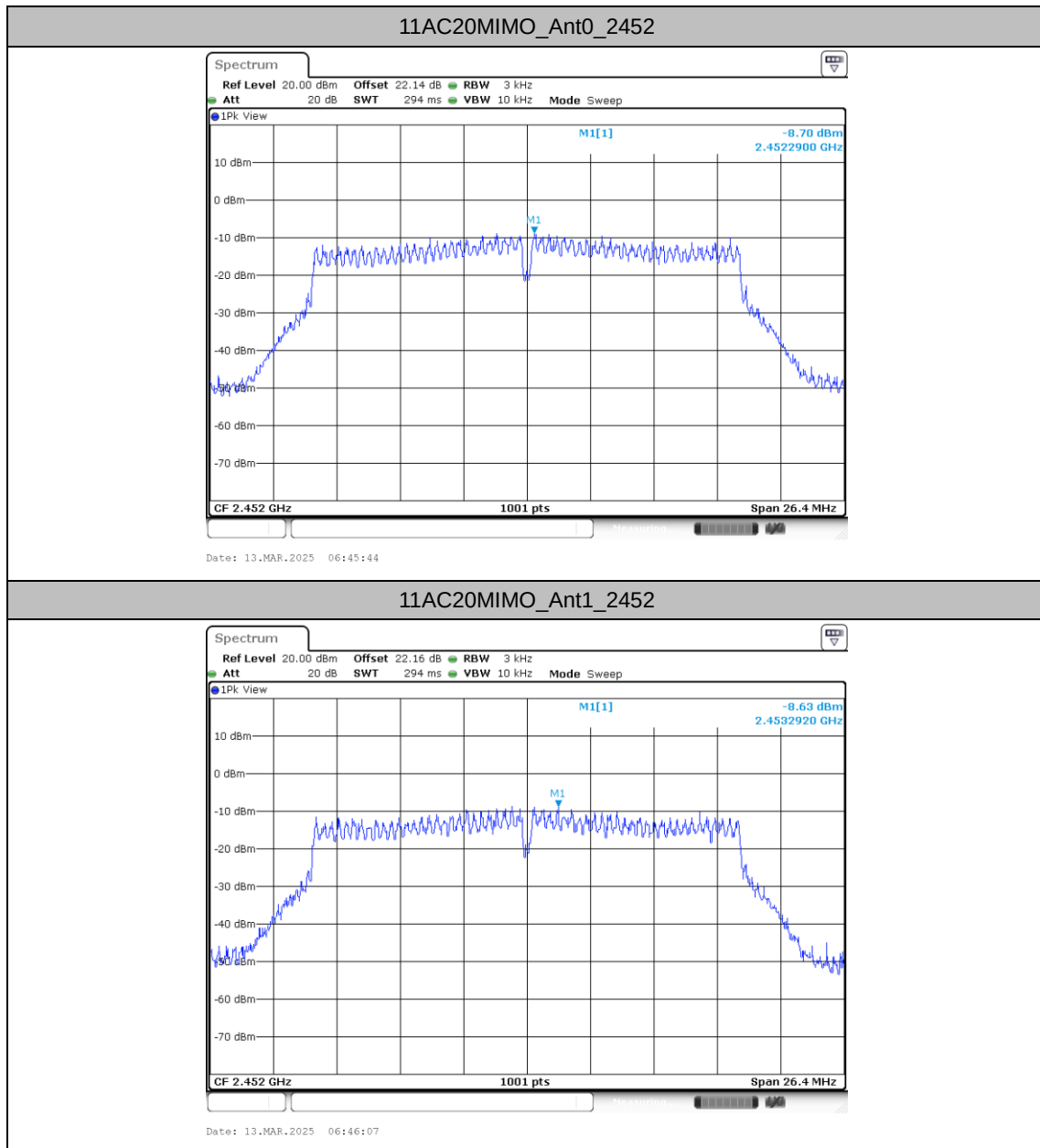


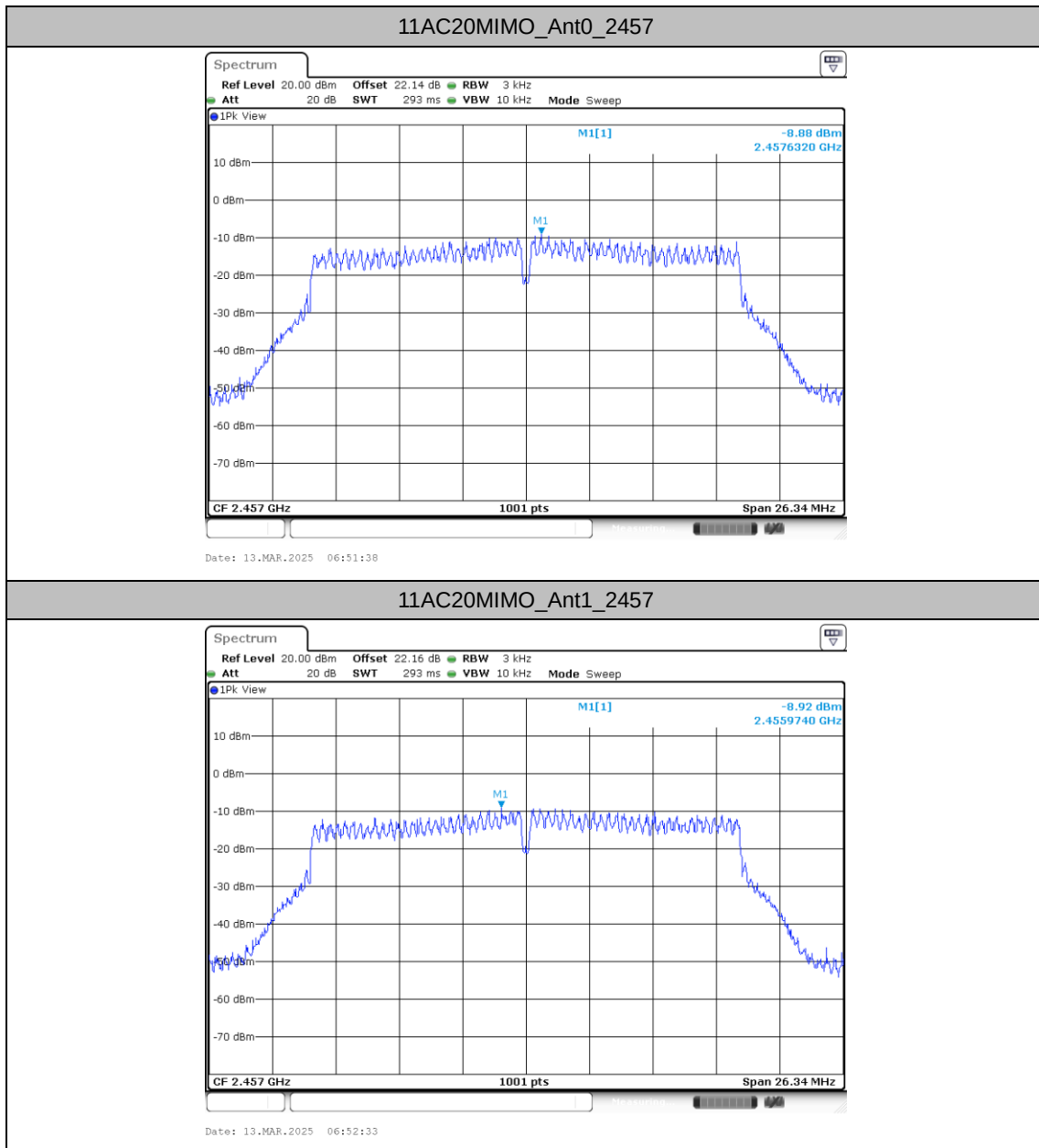


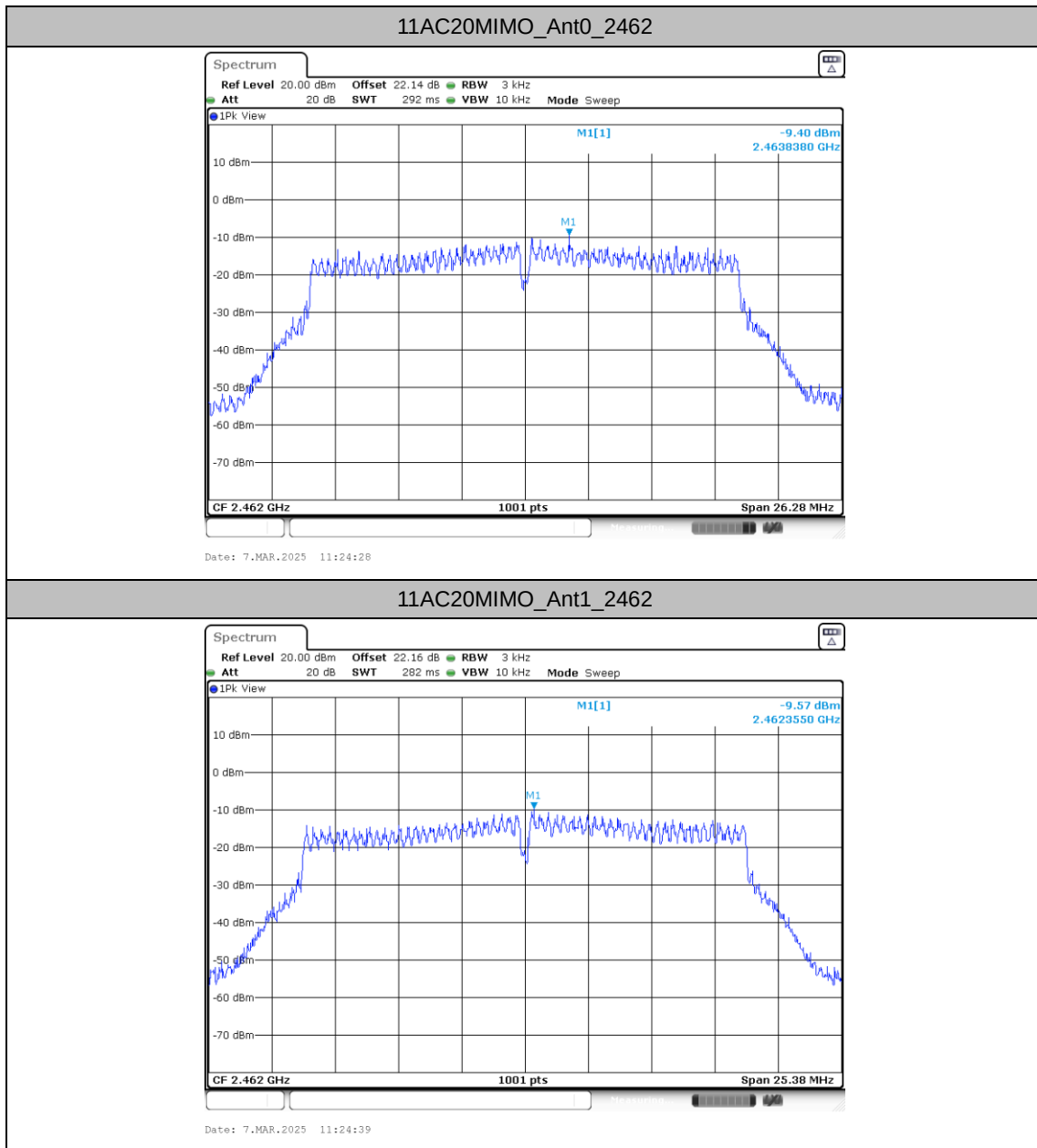


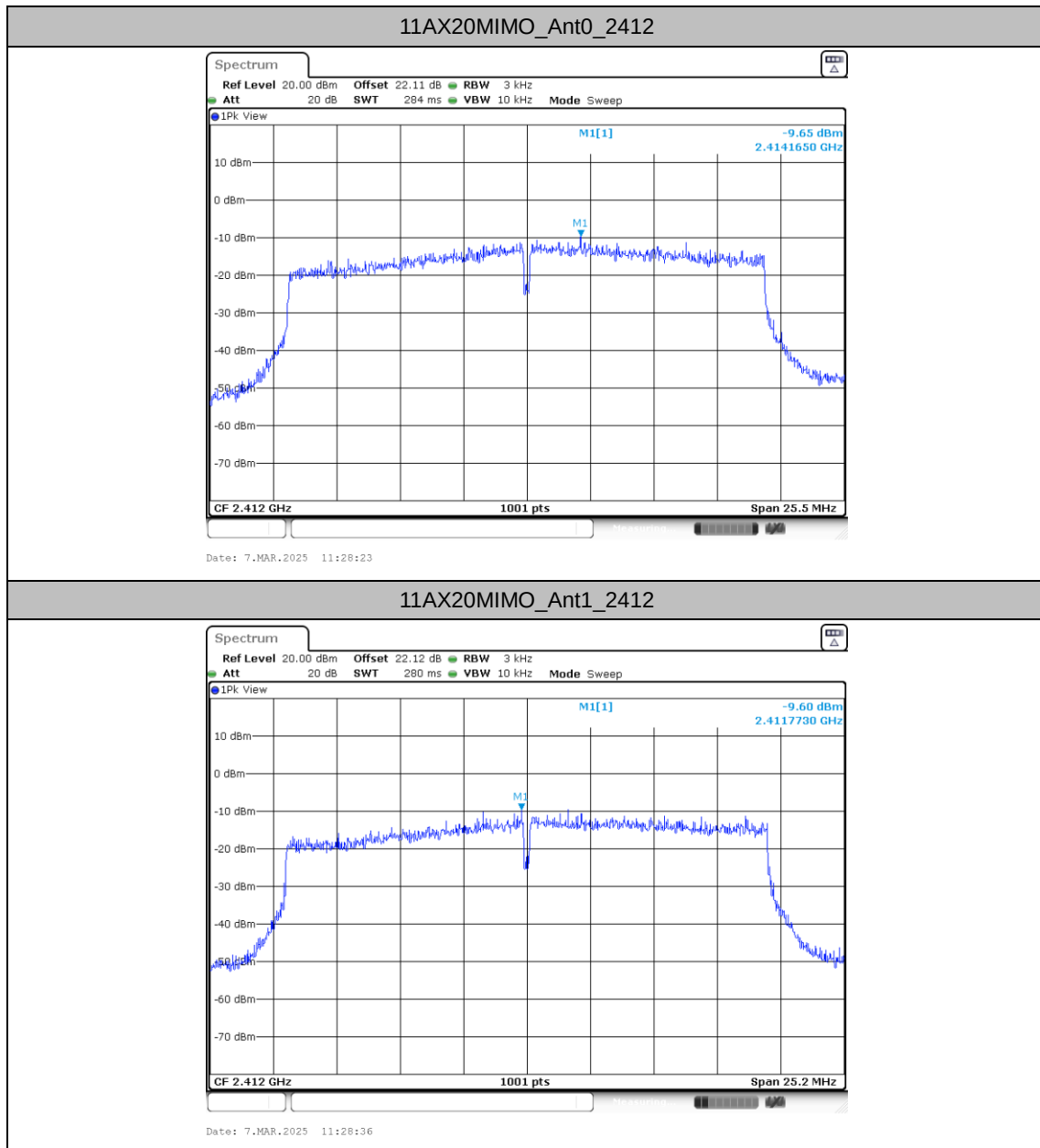


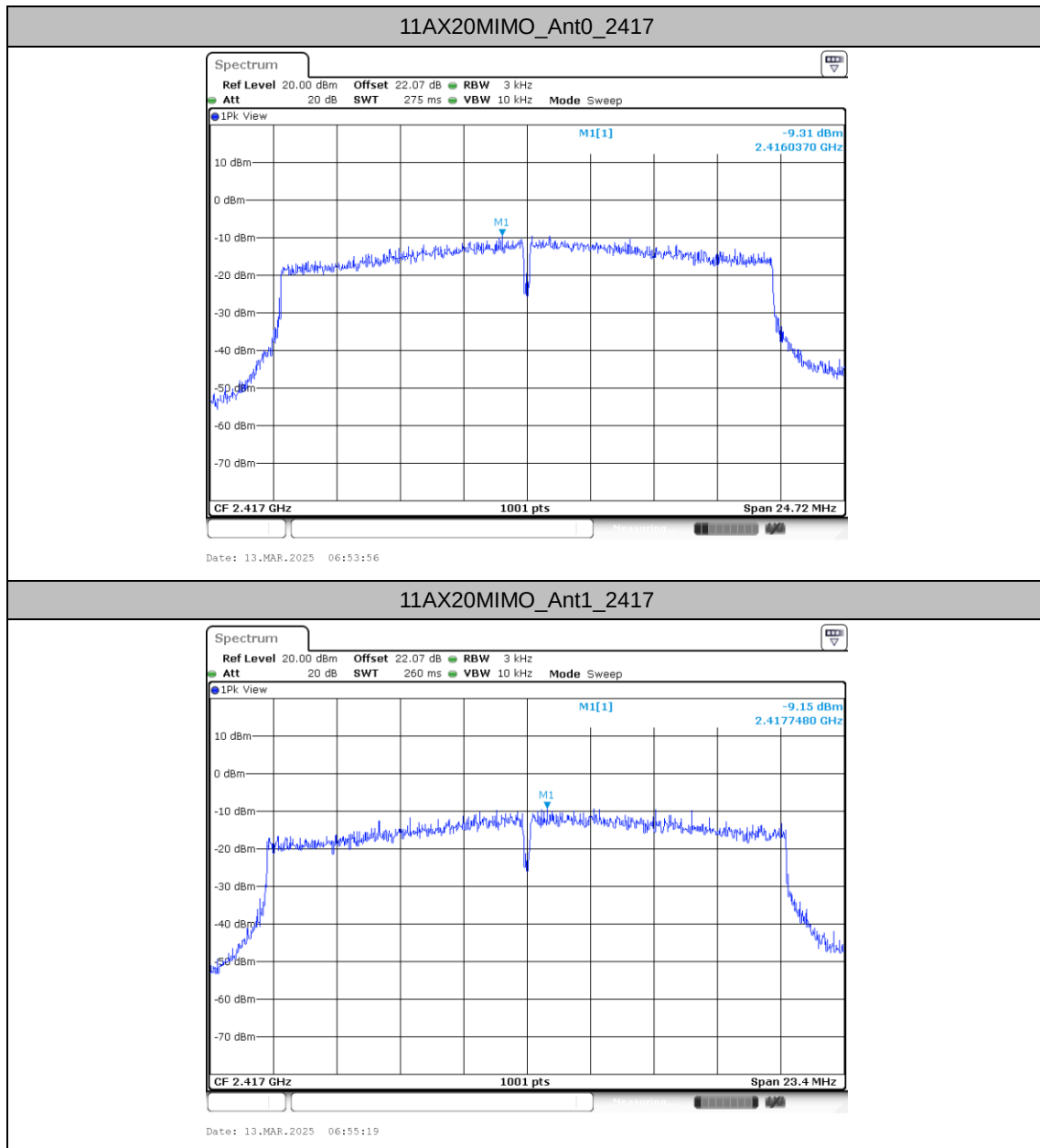


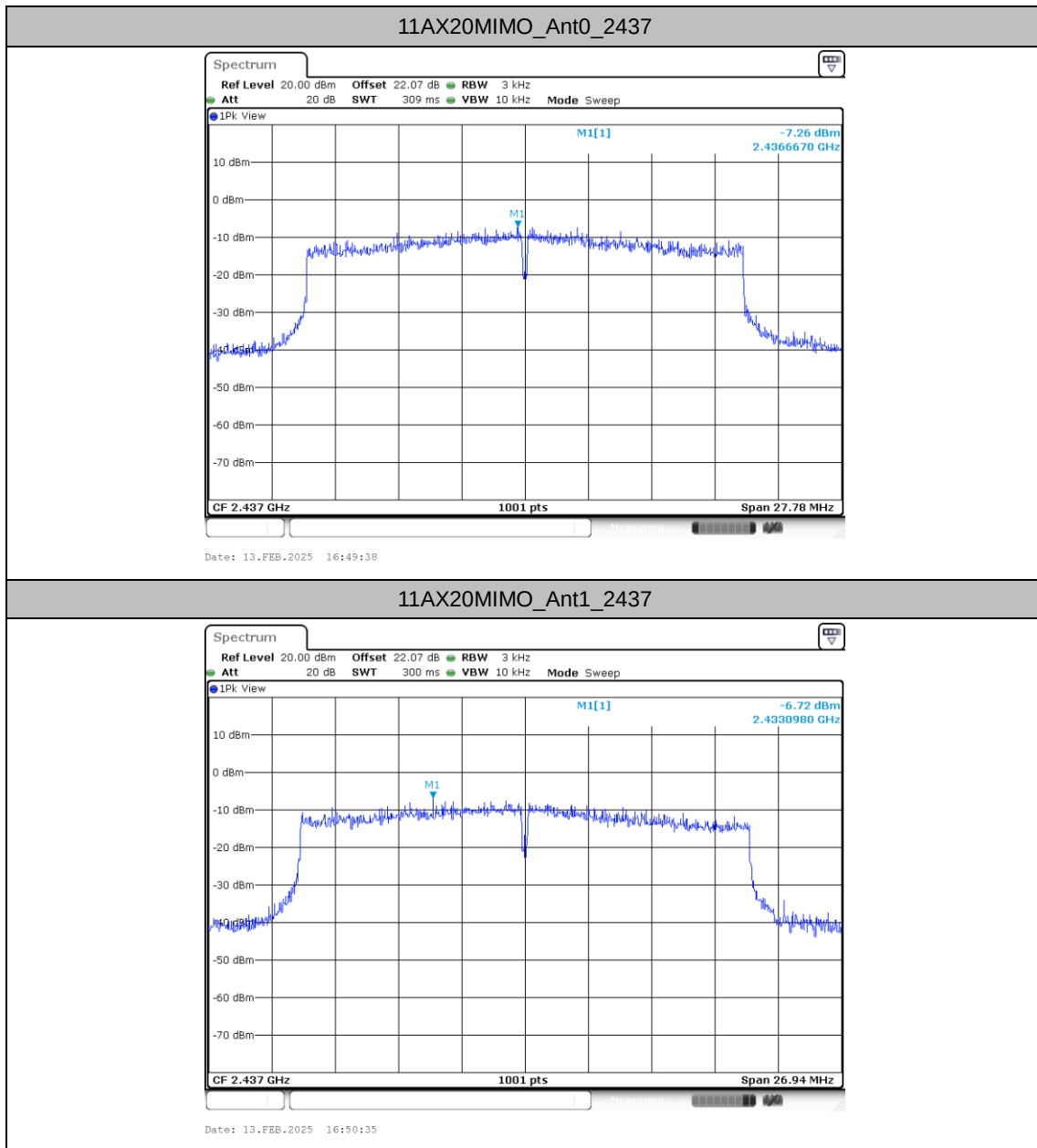


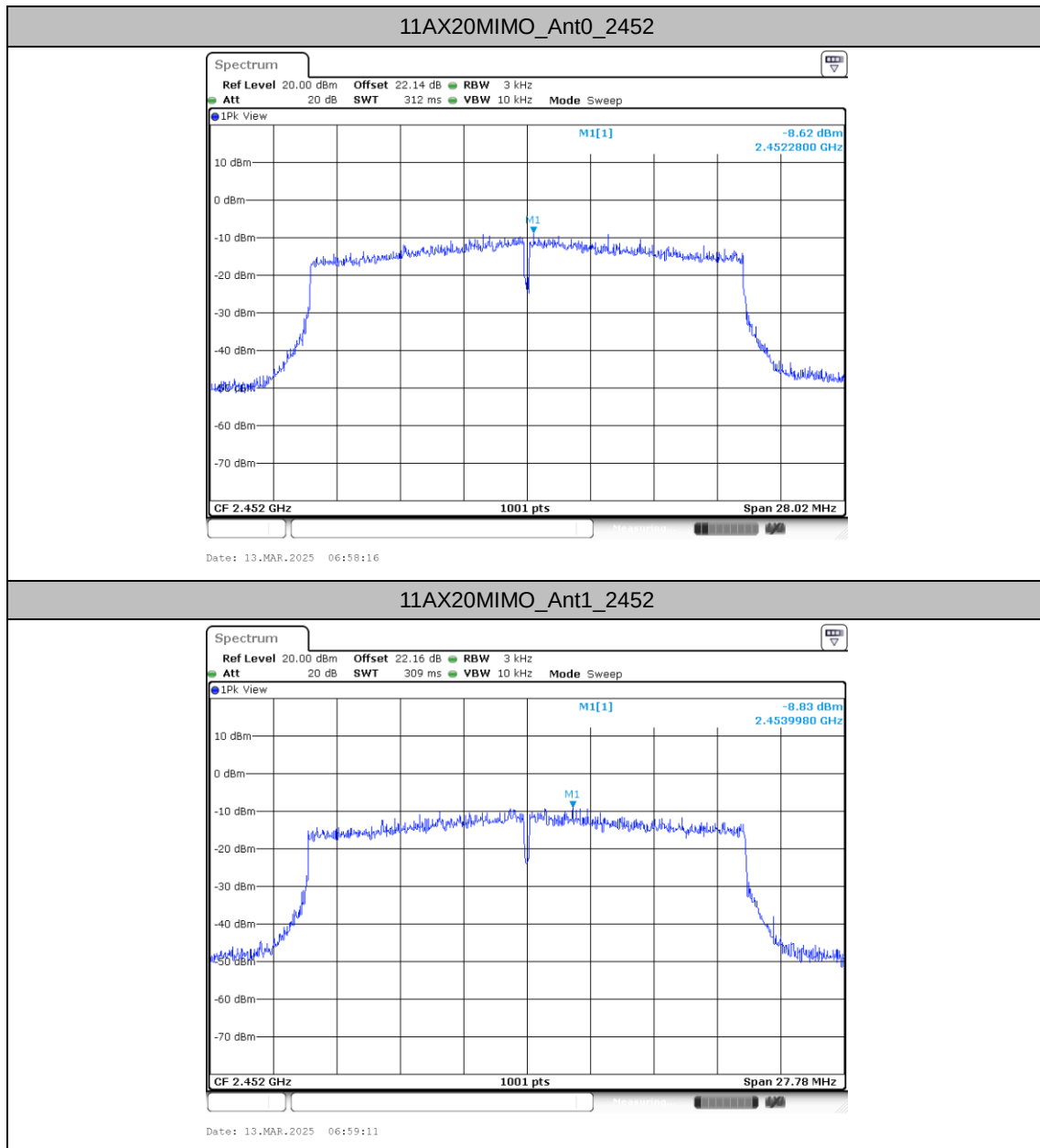




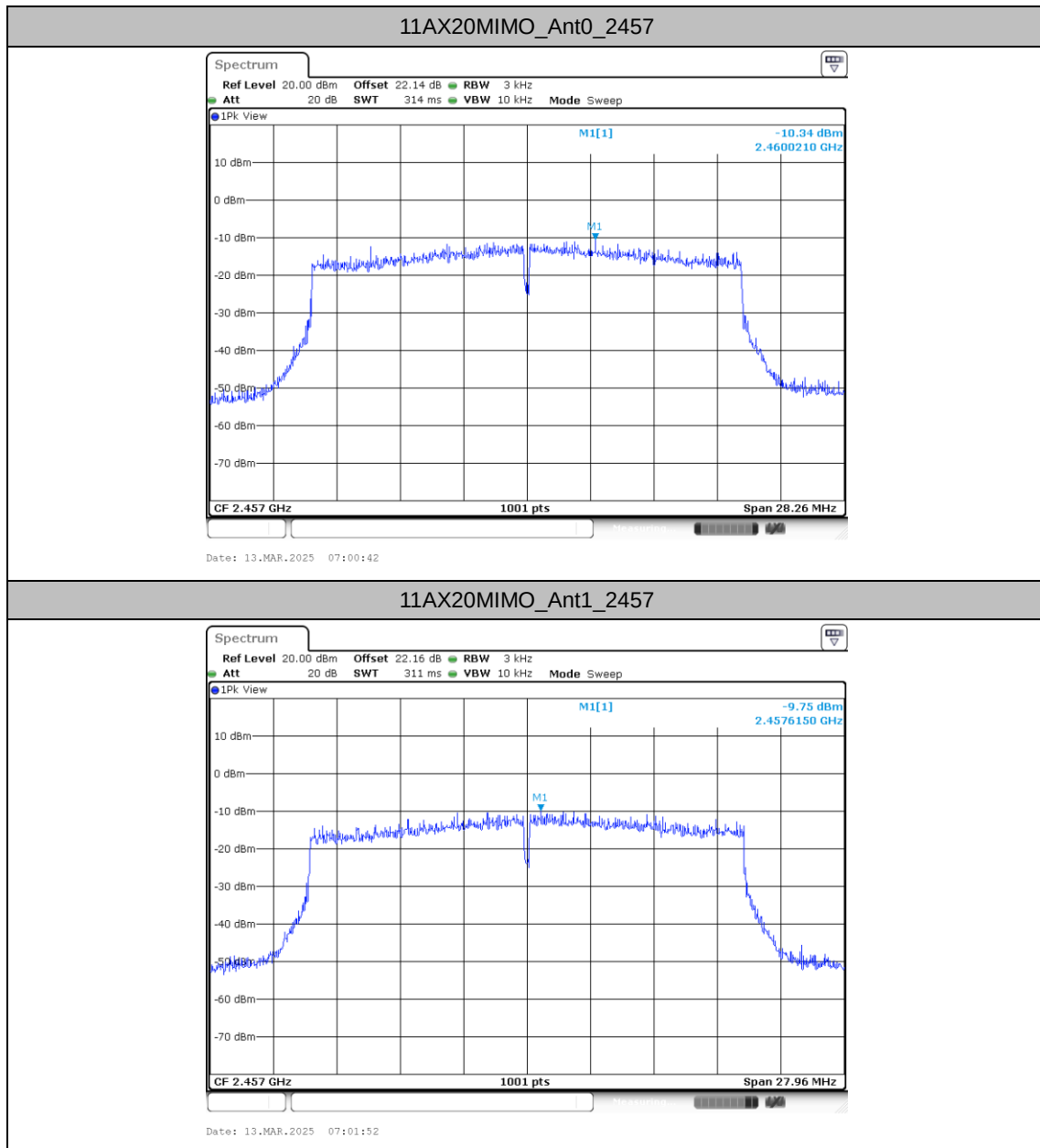


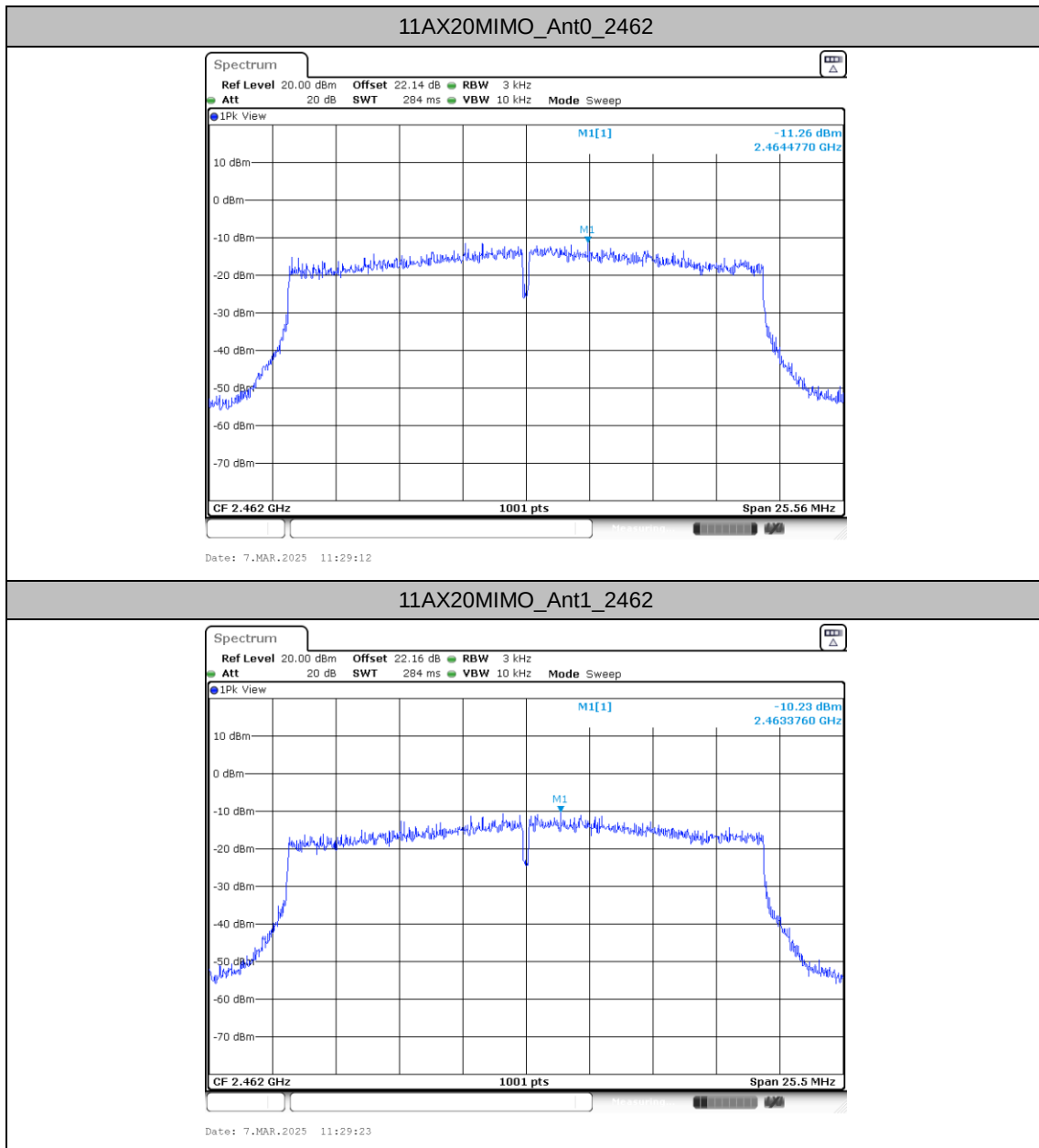














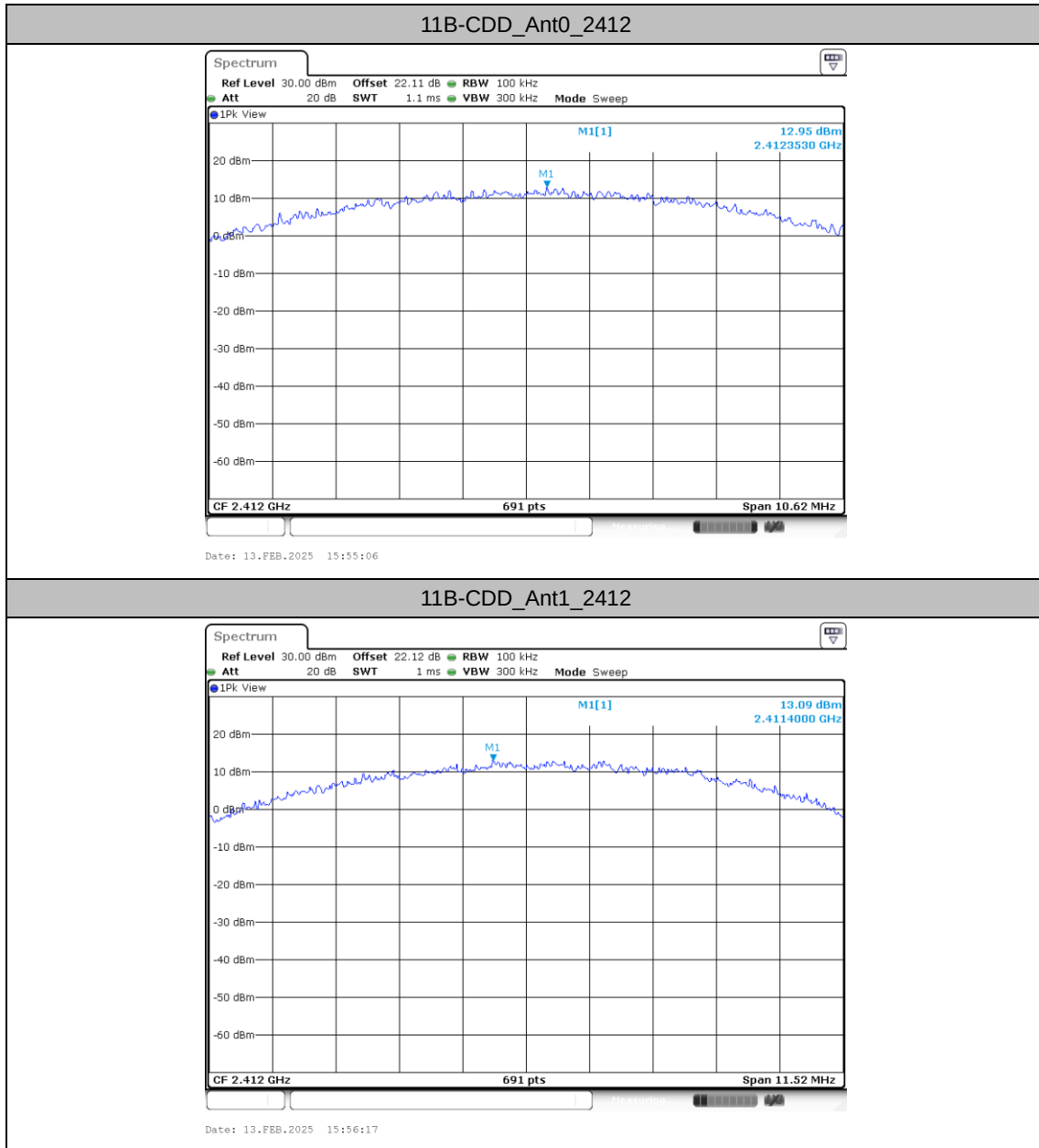
## Reference level measurement

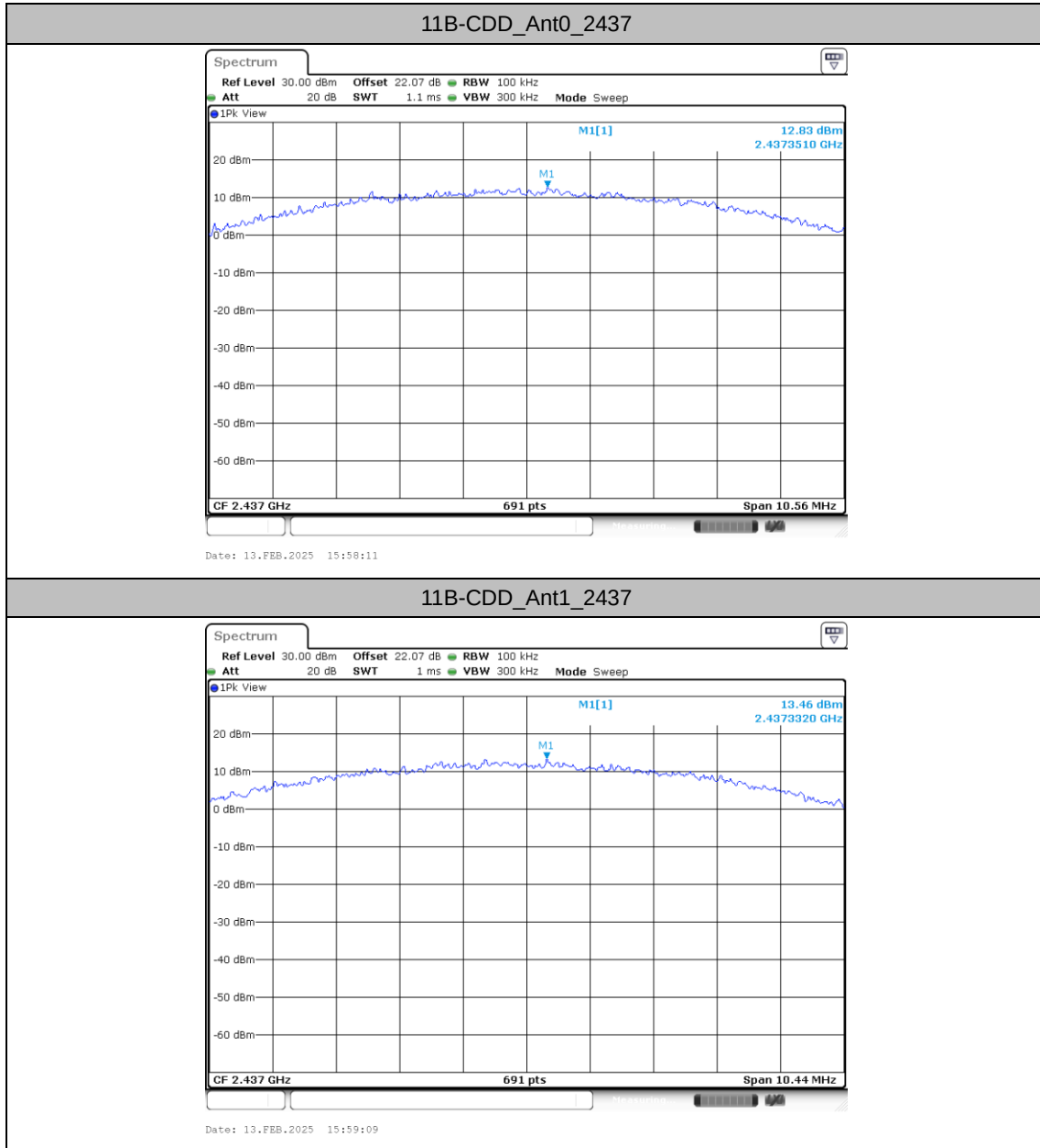
### Test Result

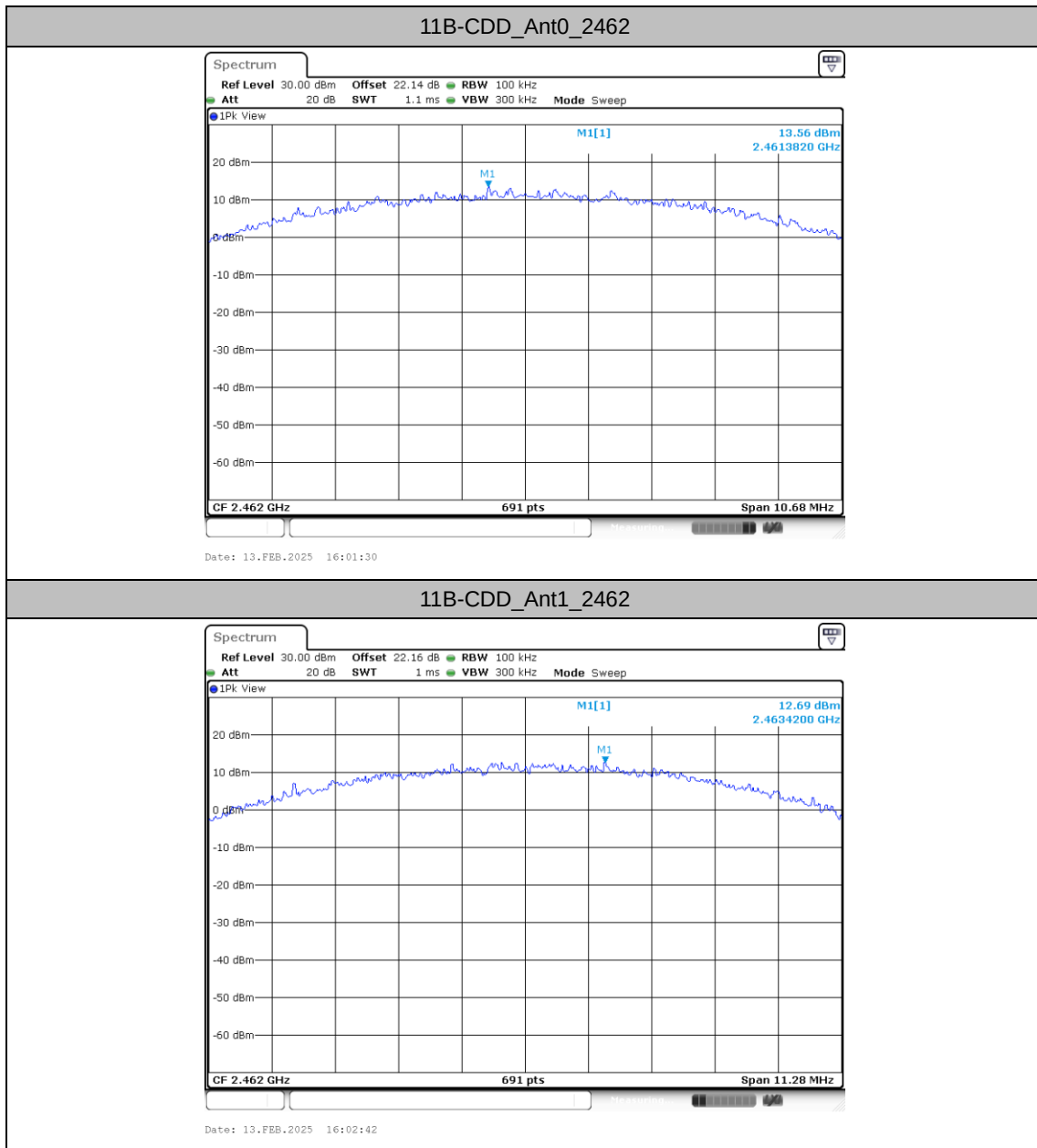
| TestMode   | Antenna | Freq(MHz) | Max.Point[MHz] | Result[dBm/100KHz] |
|------------|---------|-----------|----------------|--------------------|
| 11B-CDD    | Ant0    | 2412      | 2412.35        | 12.95              |
|            | Ant1    | 2412      | 2411.40        | 13.09              |
|            | Ant0    | 2437      | 2437.35        | 12.83              |
|            | Ant1    | 2437      | 2437.33        | 13.46              |
|            | Ant0    | 2462      | 2461.38        | 13.56              |
|            | Ant1    | 2462      | 2463.42        | 12.69              |
| 11G-CDD    | Ant0    | 2412      | 2419.49        | 3.49               |
|            | Ant1    | 2412      | 2419.47        | 4.52               |
|            | Ant0    | 2417      | 2419.49        | 4.62               |
|            | Ant1    | 2417      | 2424.46        | 5.16               |
|            | Ant0    | 2437      | 2430.73        | 8.89               |
|            | Ant1    | 2437      | 2430.75        | 10.36              |
|            | Ant0    | 2452      | 2459.51        | 3.92               |
|            | Ant1    | 2452      | 2456.97        | 4.87               |
|            | Ant0    | 2457      | 2457.99        | 3.01               |
|            | Ant1    | 2457      | 2461.96        | 4.34               |
|            | Ant0    | 2462      | 2467.00        | 8.98               |
|            | Ant1    | 2462      | 2467.00        | 11.19              |
| 11AC20MIMO | Ant0    | 2412      | 2414.49        | 7.05               |
|            | Ant1    | 2412      | 2417.00        | 7.72               |
|            | Ant0    | 2417      | 2422.01        | 3.70               |
|            | Ant1    | 2417      | 2421.97        | 4.84               |
|            | Ant0    | 2437      | 2430.73        | 6.35               |
|            | Ant1    | 2437      | 2432.00        | 6.37               |
|            | Ant0    | 2452      | 2459.49        | 3.44               |
|            | Ant1    | 2452      | 2459.49        | 4.17               |
|            | Ant0    | 2457      | 2459.48        | 2.39               |
|            | Ant1    | 2457      | 2464.47        | 3.74               |
|            | Ant0    | 2462      | 2464.51        | 6.58               |
|            | Ant1    | 2462      | 2467.00        | 7.80               |
| 11AX20MIMO | Ant0    | 2412      | 2416.98        | 7.22               |
|            | Ant1    | 2412      | 2419.48        | 8.14               |
|            | Ant0    | 2417      | 2417.29        | 3.93               |
|            | Ant1    | 2417      | 2421.98        | 4.86               |
|            | Ant0    | 2437      | 2432.02        | 6.18               |
|            | Ant1    | 2437      | 2429.52        | 6.53               |
|            | Ant0    | 2452      | 2452.85        | 3.62               |
|            | Ant1    | 2452      | 2456.99        | 4.39               |
|            | Ant0    | 2457      | 2459.50        | 2.75               |
|            | Ant1    | 2457      | 2461.98        | 3.76               |
|            | Ant0    | 2462      | 2464.52        | 7.20               |
|            | Ant1    | 2462      | 2466.98        | 7.85               |



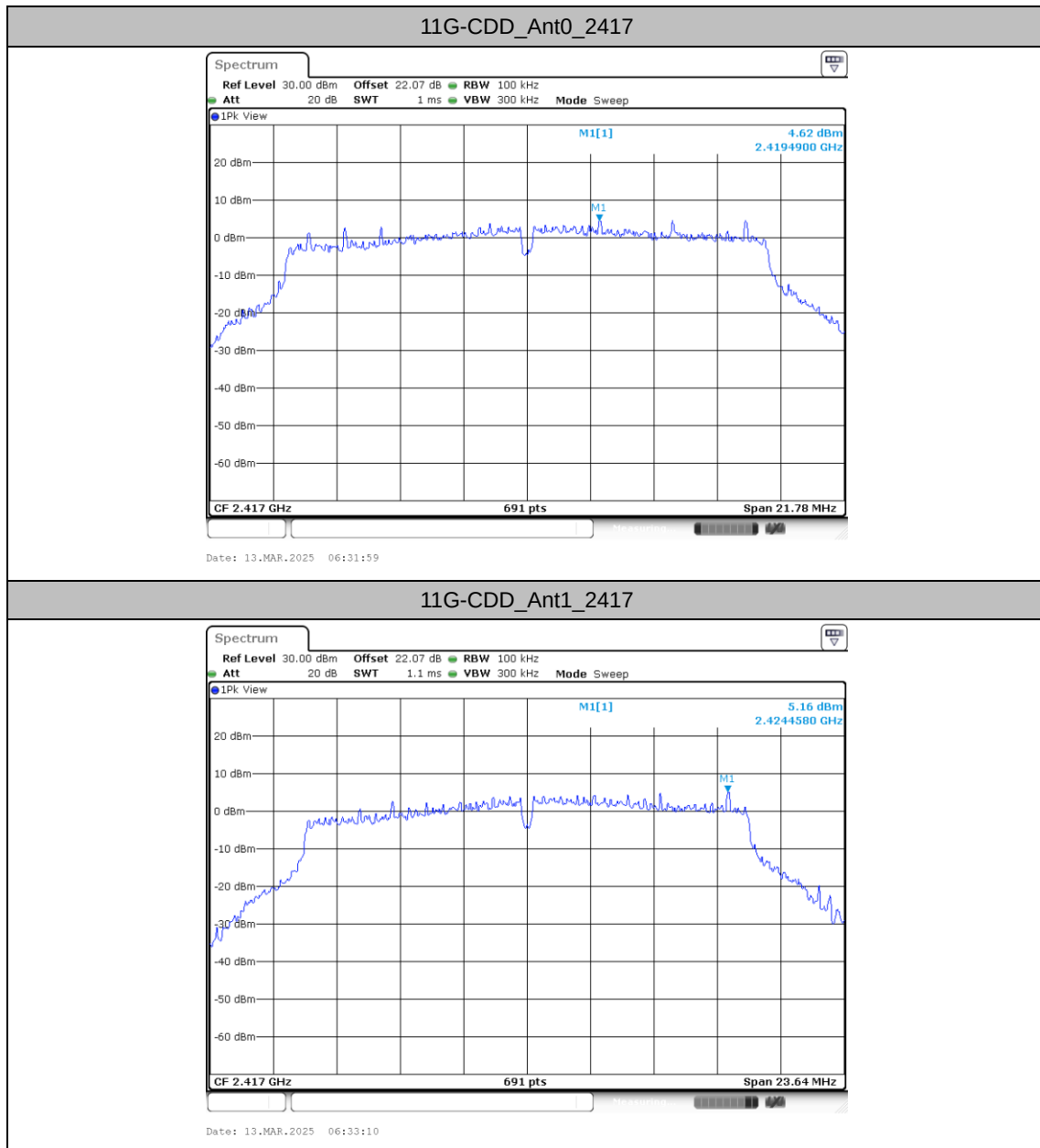
## Test Graphs



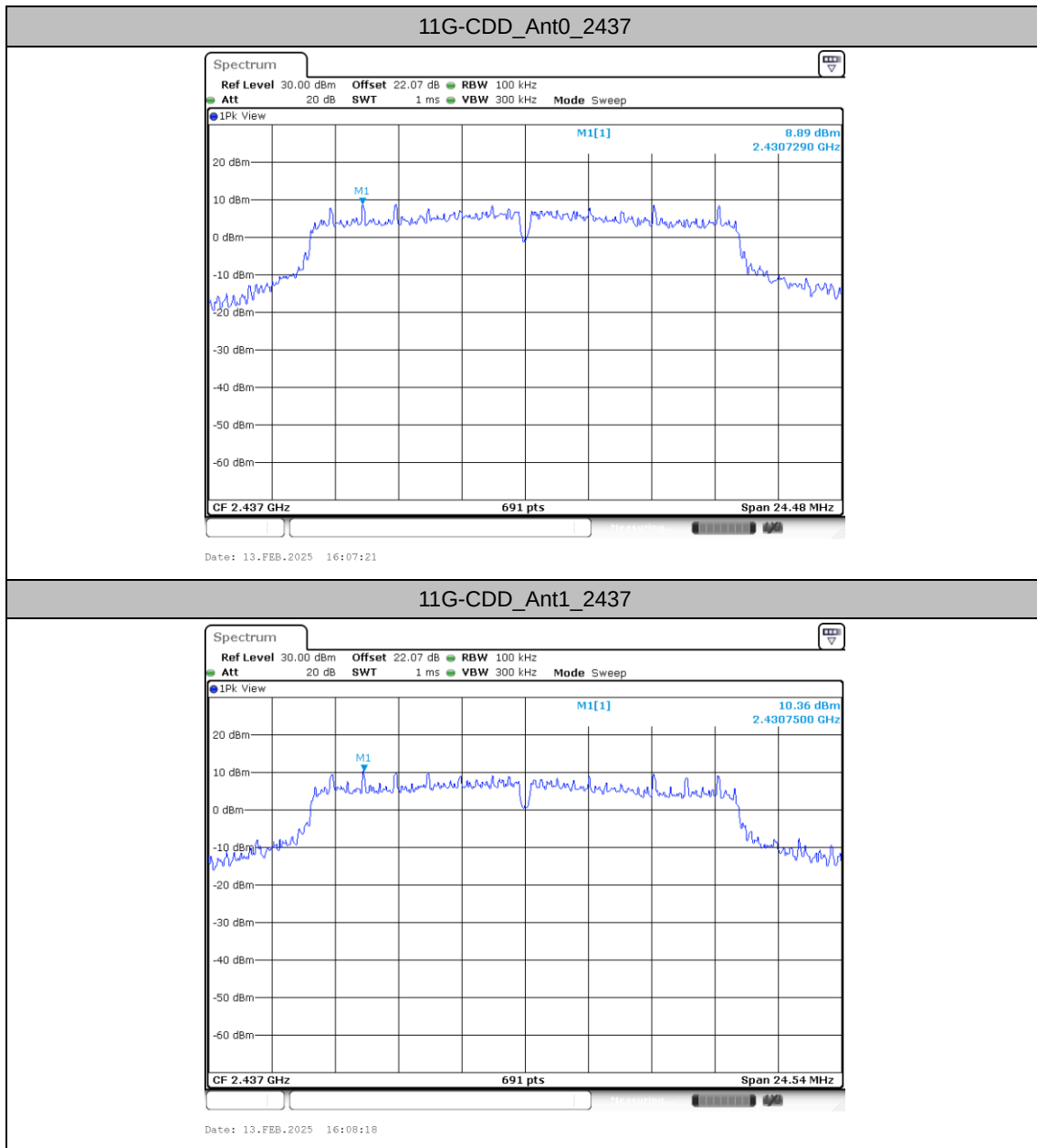


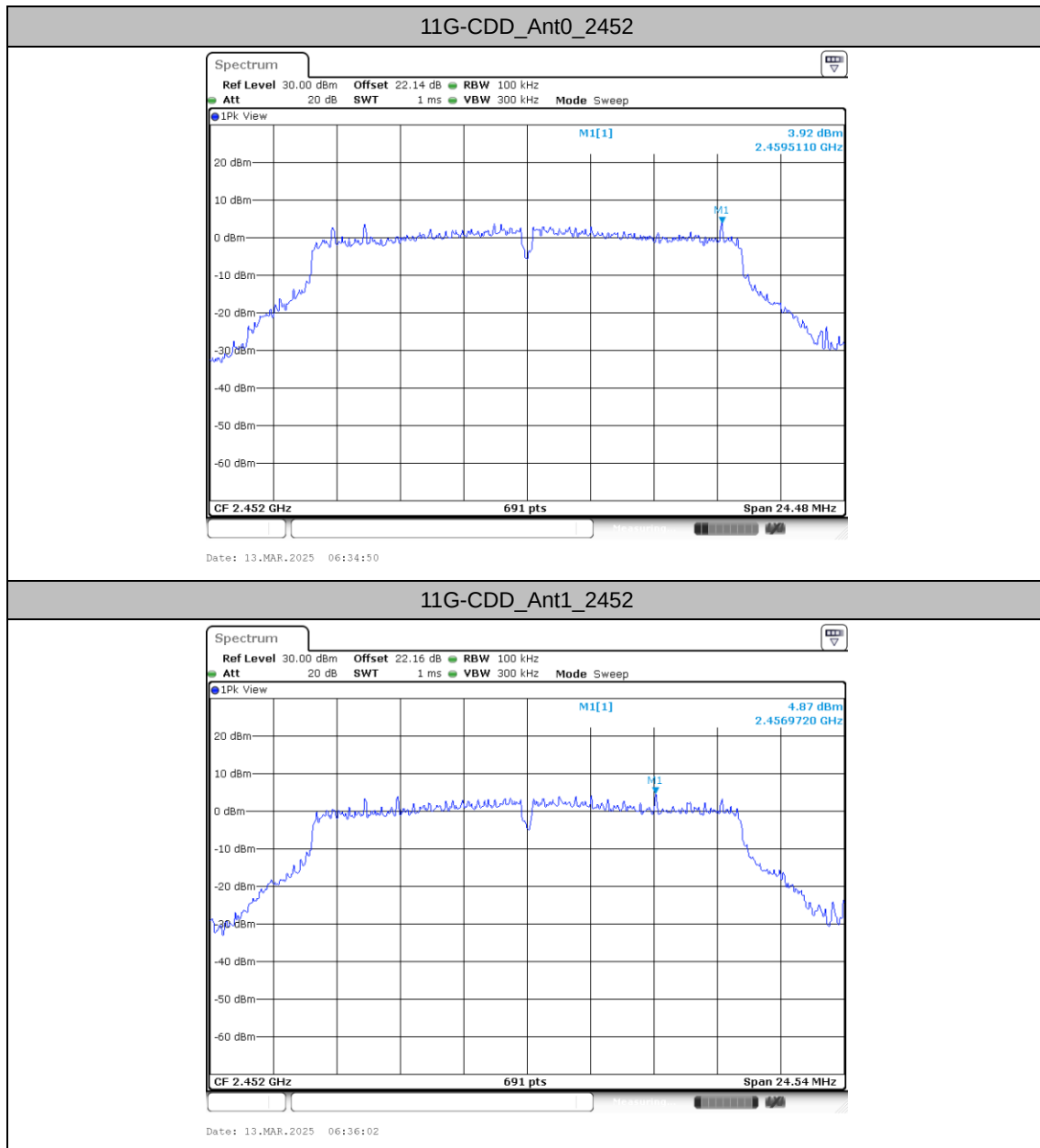


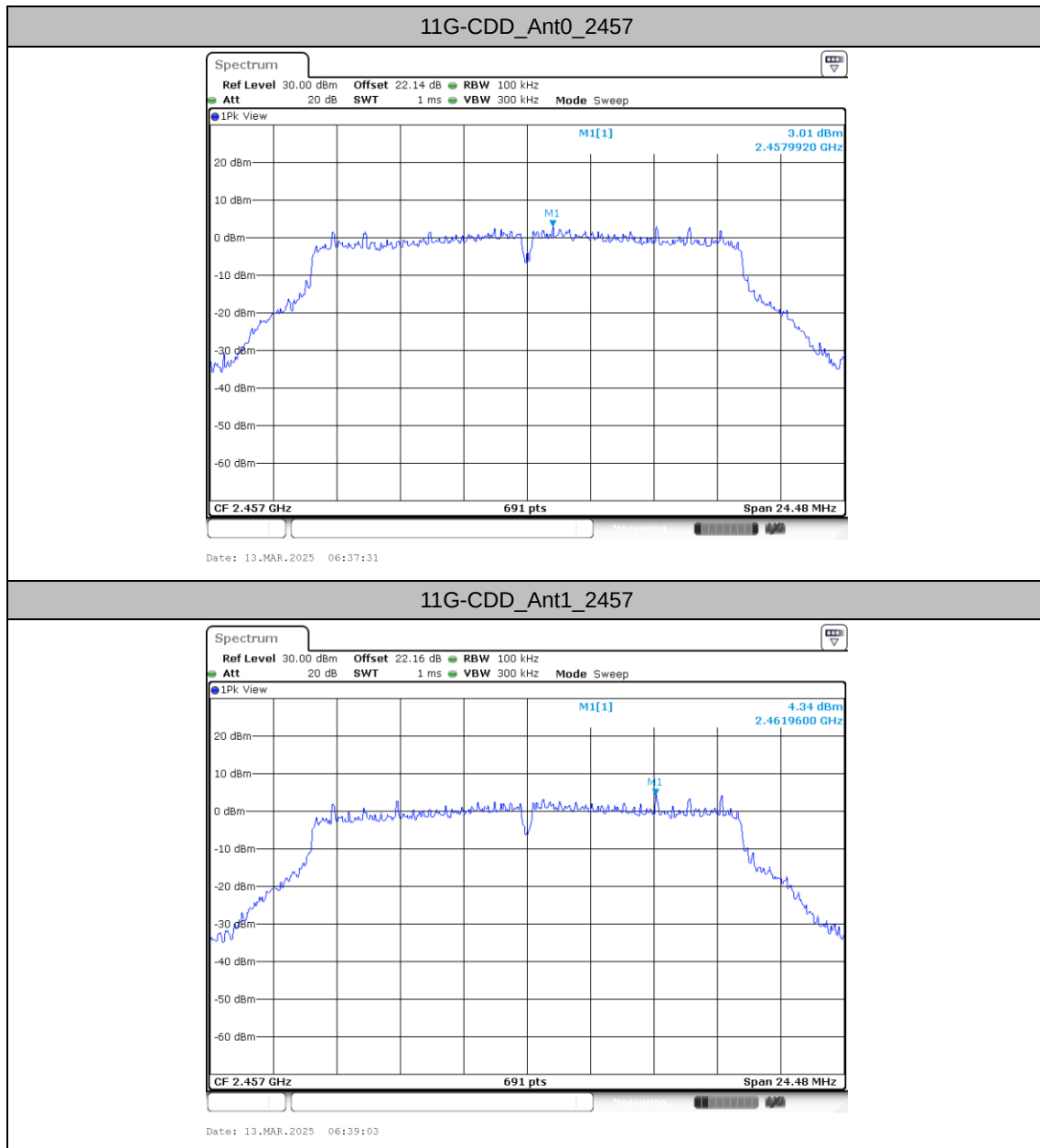


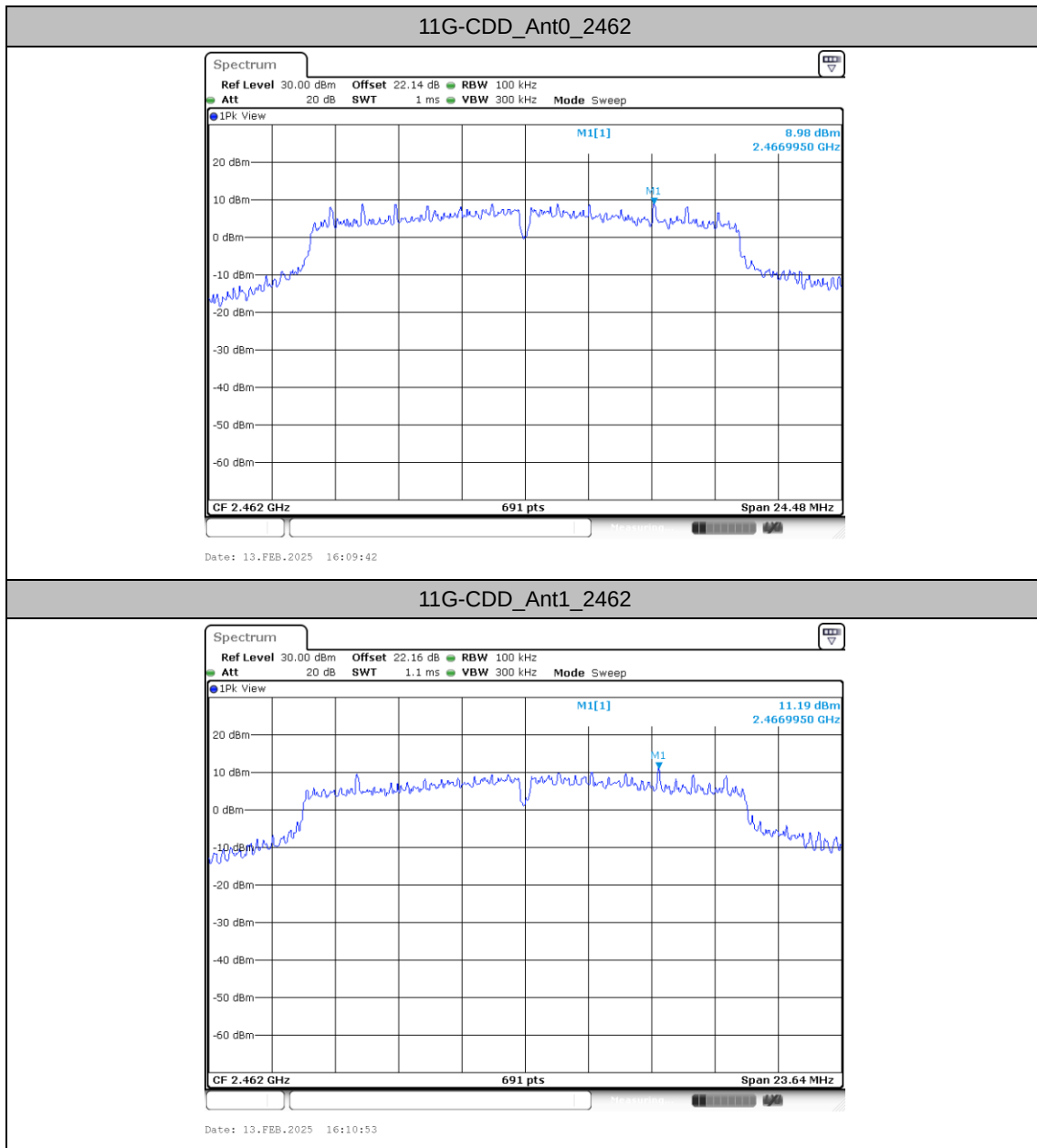


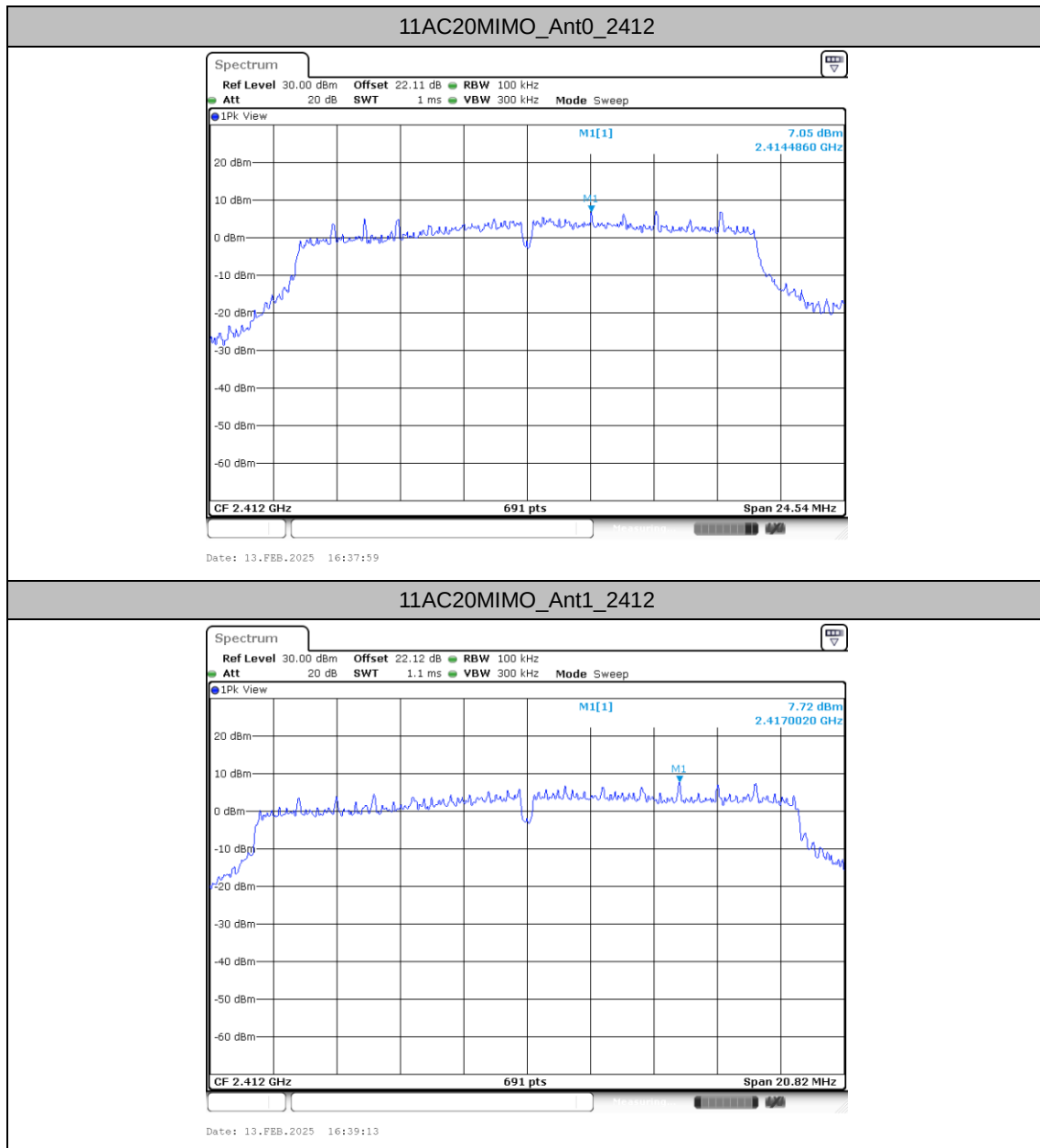


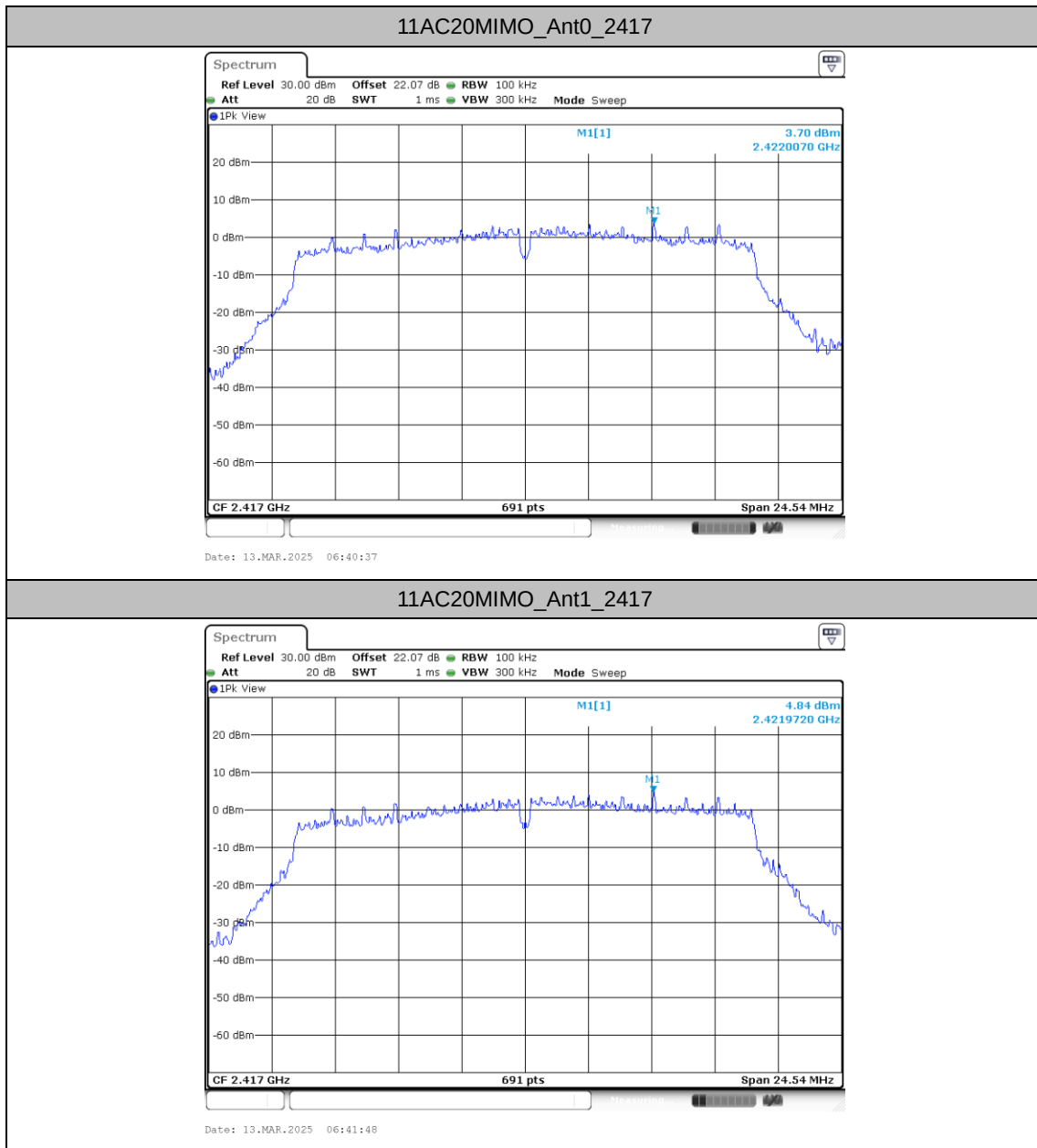


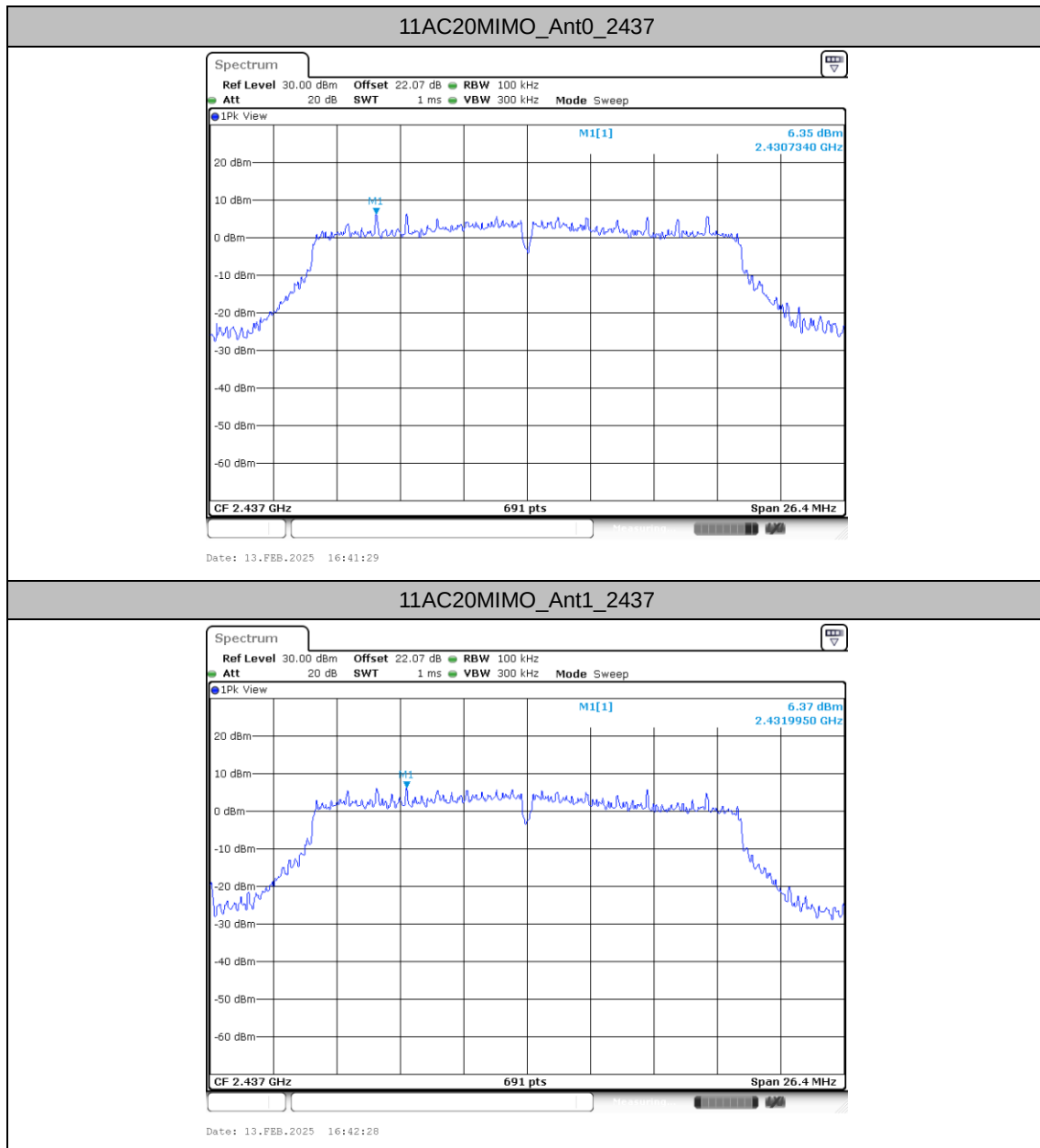


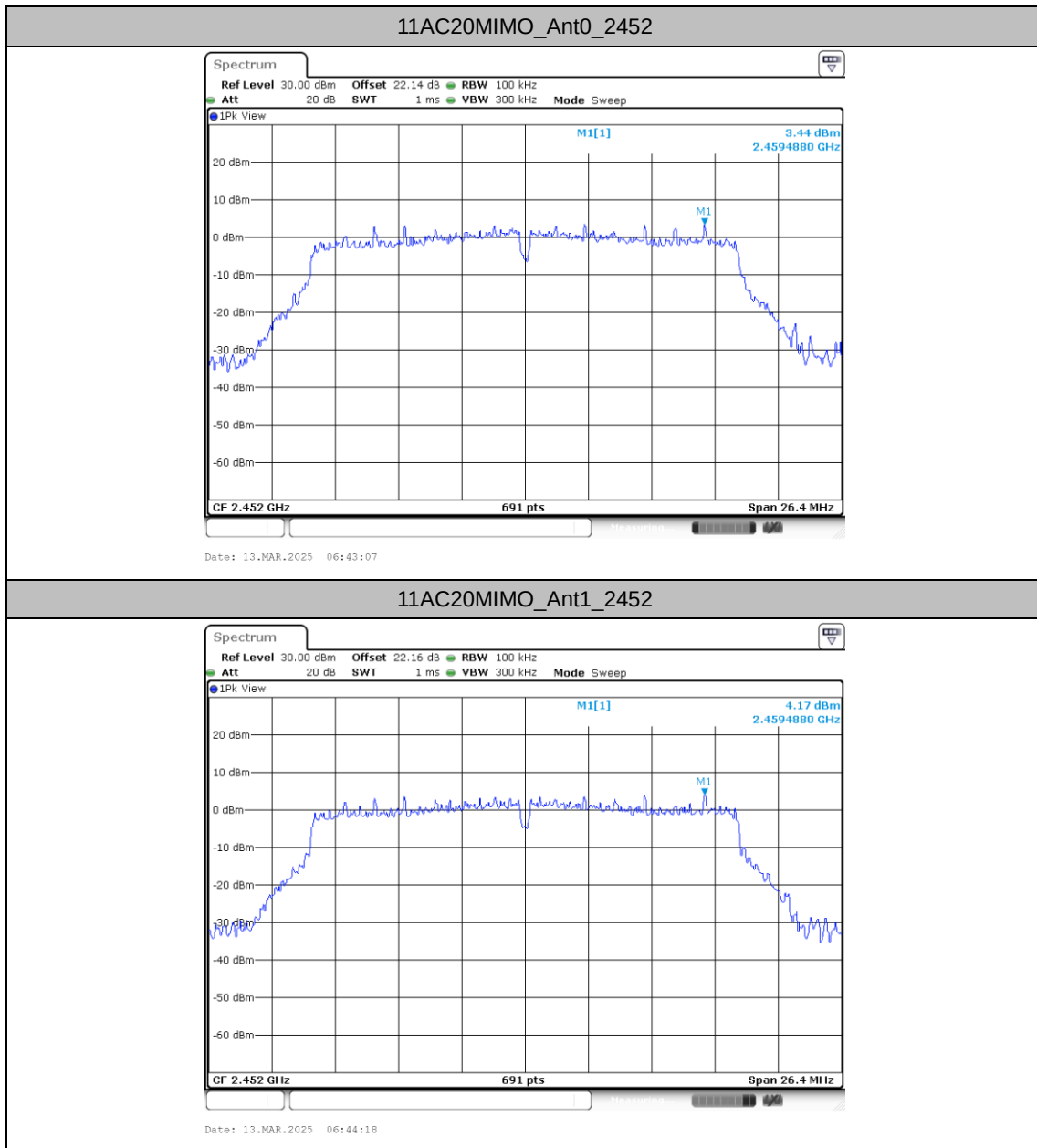




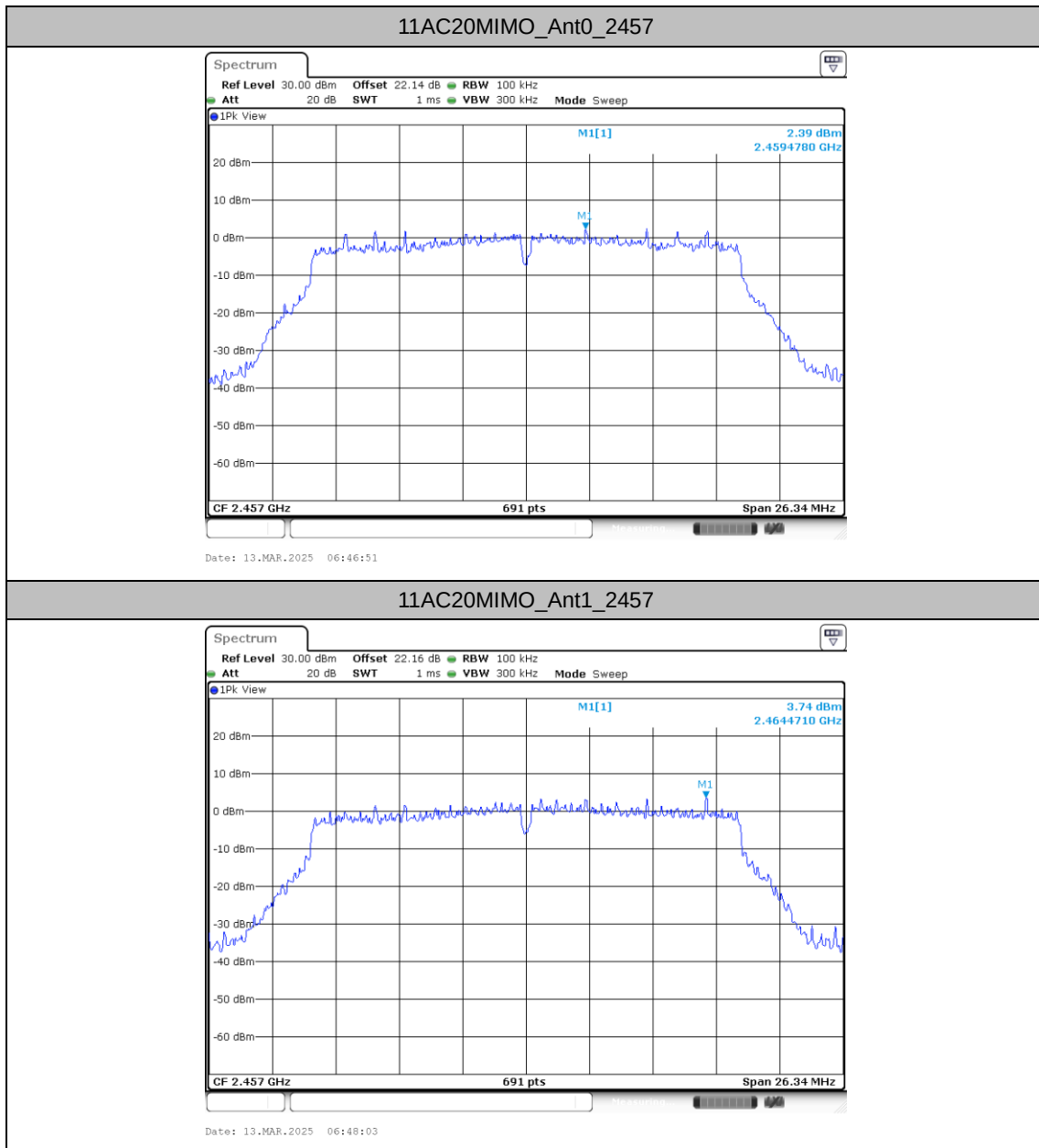


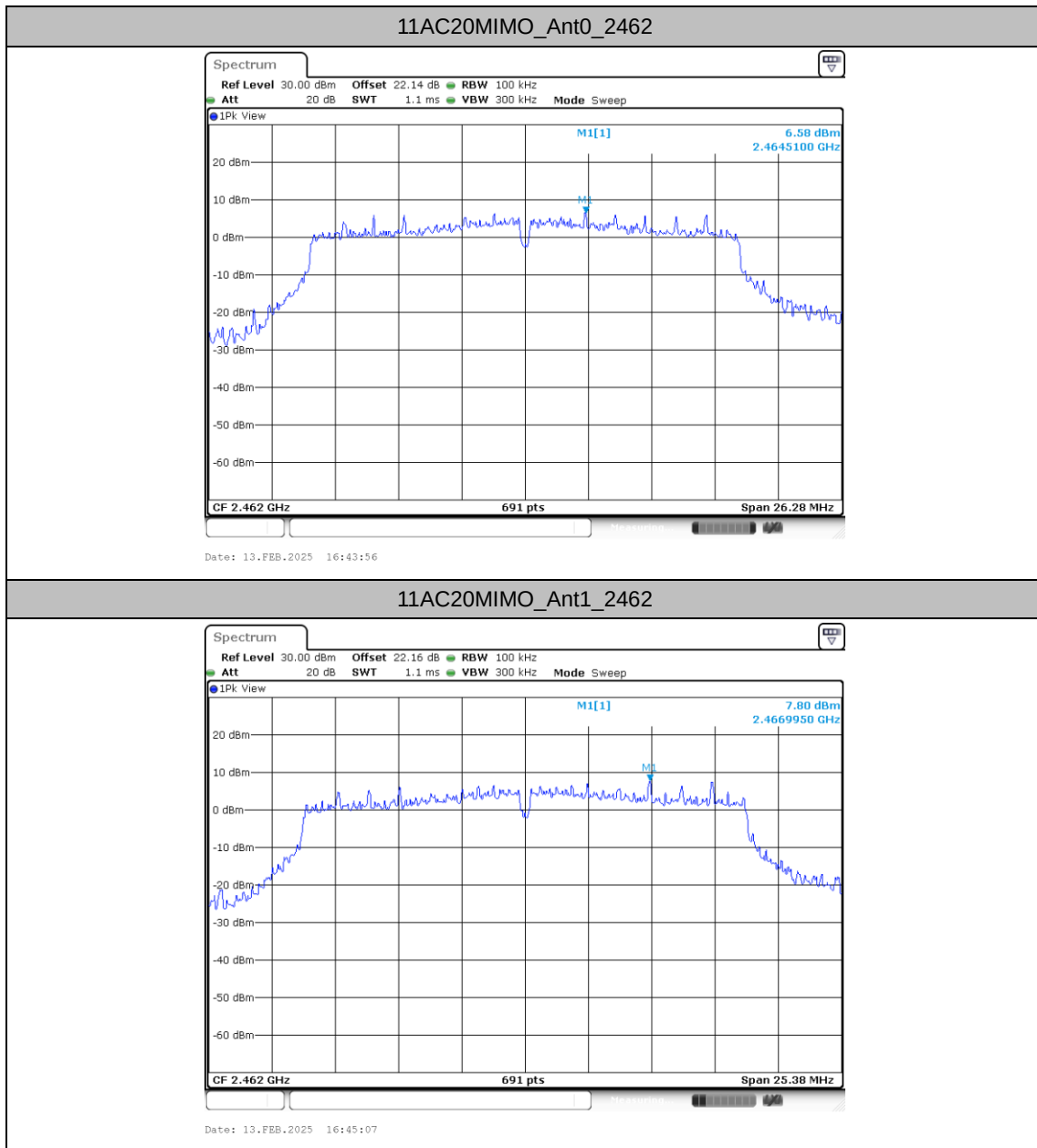


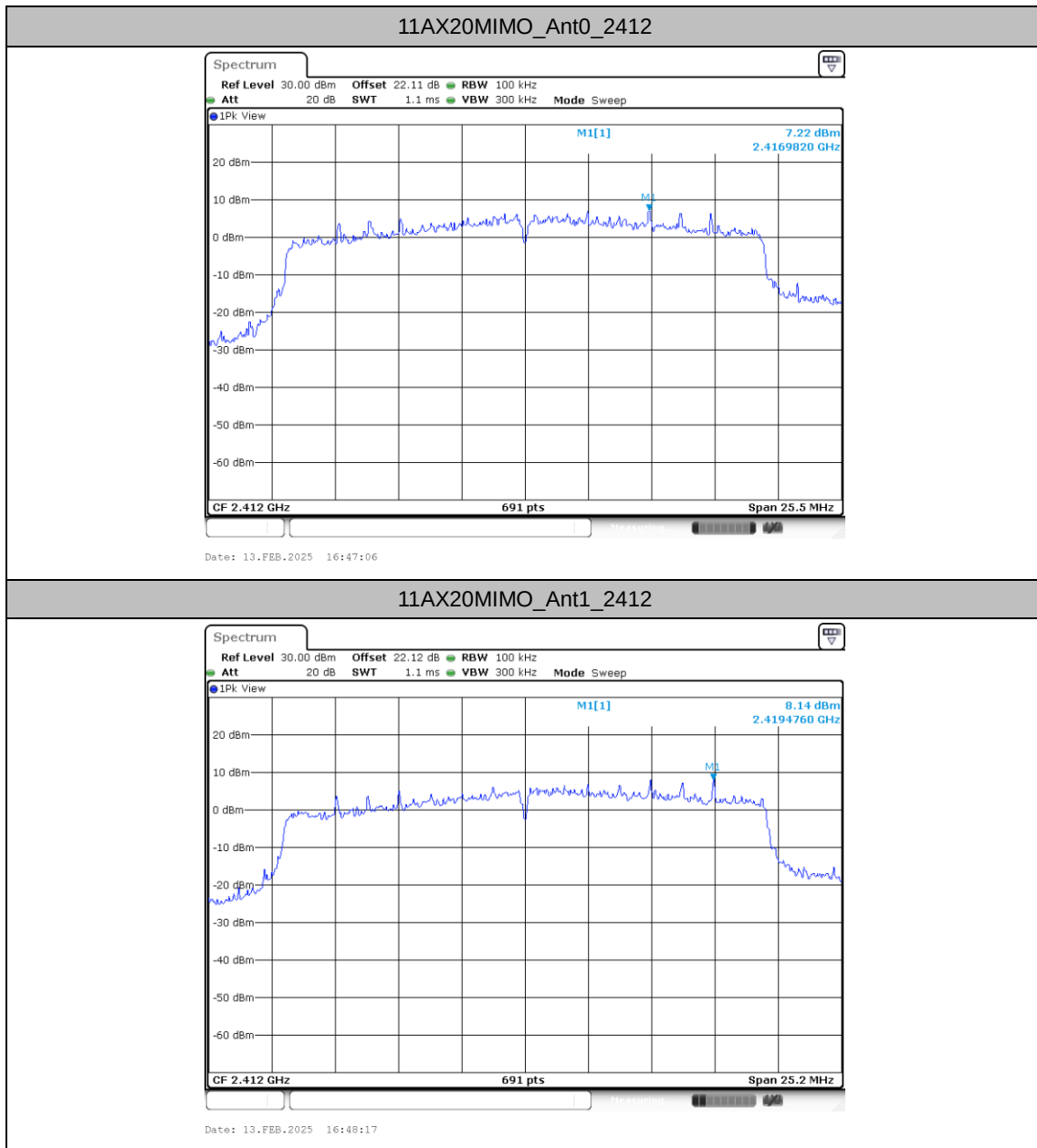


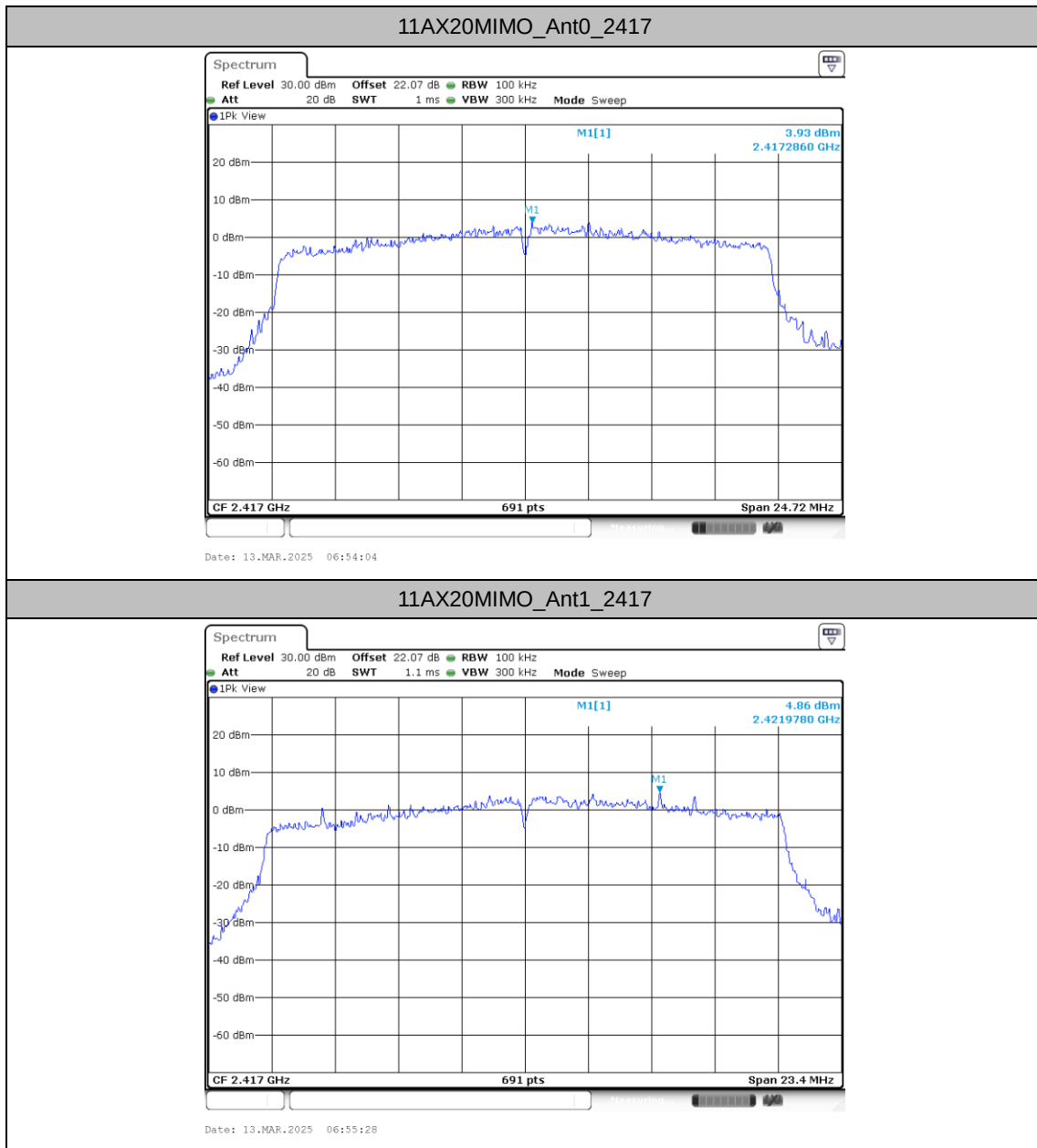


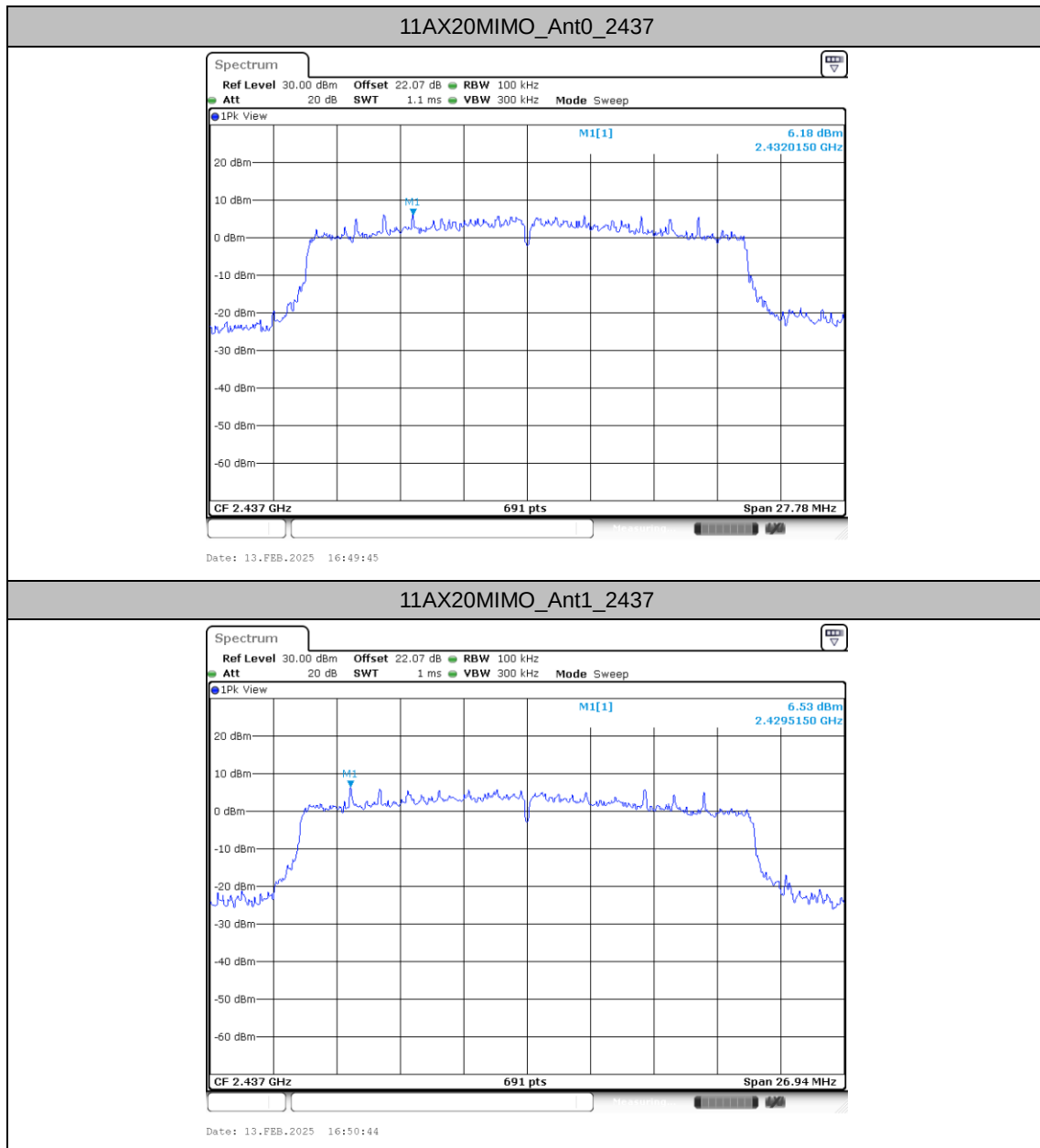


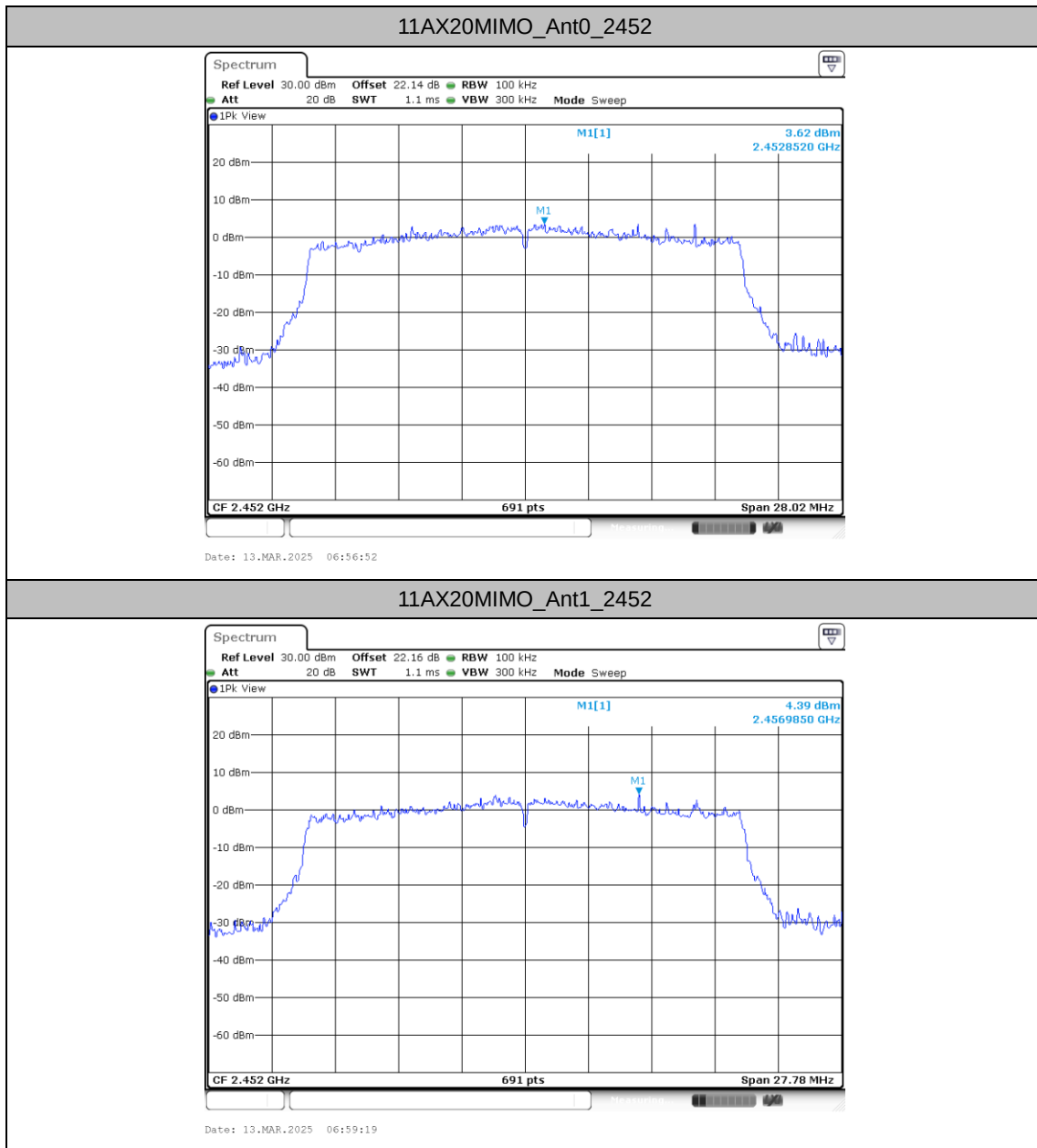


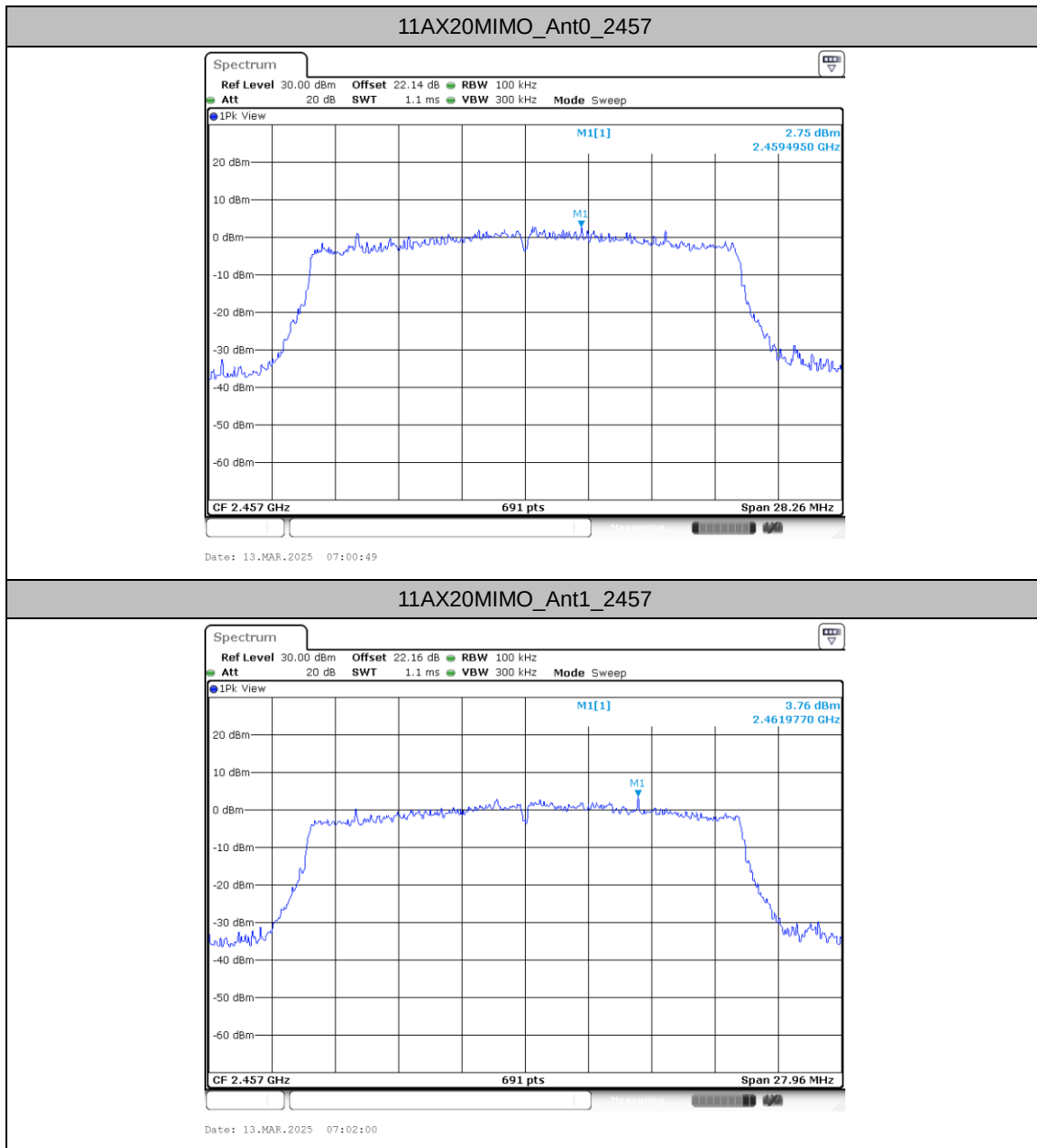


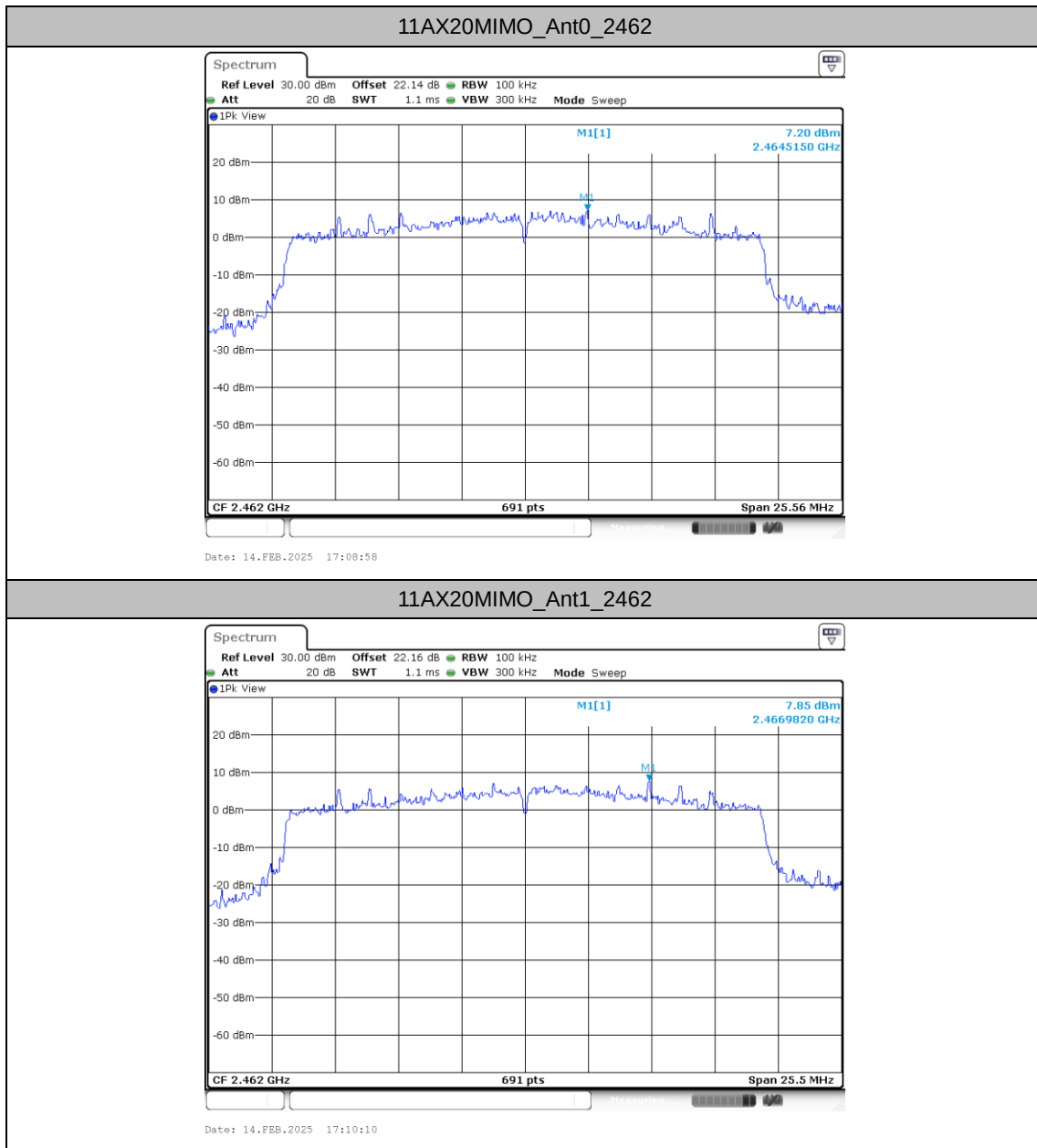
















## Band edge measurements

### Test Result

| TestMode   | Antenna | ChName | Freq(MHz) | RefLevel[dBm /100KHz] | Result[dBm /100KHz] | Limit[dBm /100KHz] | Verdict |
|------------|---------|--------|-----------|-----------------------|---------------------|--------------------|---------|
| 11B-CDD    | Ant0    | Low    | 2412      | 12.95                 | -30.7               | ≤-17.05            | PASS    |
|            | Ant1    | Low    | 2412      | 13.09                 | -30.2               | ≤-16.91            | PASS    |
|            | Ant0    | High   | 2462      | 13.56                 | -42                 | ≤-16.44            | PASS    |
|            | Ant1    | High   | 2462      | 12.69                 | -40.72              | ≤-17.31            | PASS    |
| 11G-CDD    | Ant0    | Low    | 2412      | 3.49                  | -34.48              | ≤-26.51            | PASS    |
|            | Ant1    | Low    | 2412      | 4.52                  | -32.91              | ≤-25.48            | PASS    |
|            | Ant0    | Low    | 2417      | 4.62                  | -37.21              | ≤-25.38            | PASS    |
|            | Ant1    | Low    | 2417      | 5.16                  | -33                 | ≤-24.84            | PASS    |
|            | Ant0    | High   | 2452      | 3.92                  | -43.73              | ≤-26.08            | PASS    |
|            | Ant1    | High   | 2452      | 4.87                  | -43.71              | ≤-25.13            | PASS    |
|            | Ant0    | High   | 2457      | 3.01                  | -42.24              | ≤-26.99            | PASS    |
|            | Ant1    | High   | 2457      | 4.34                  | -43.56              | ≤-25.66            | PASS    |
|            | Ant0    | High   | 2462      | 8.98                  | -23.72              | ≤-21.02            | PASS    |
|            | Ant1    | High   | 2462      | 11.19                 | -23.01              | ≤-18.81            | PASS    |
| 11AC20MIMO | Ant0    | Low    | 2412      | 7.05                  | -24.68              | ≤-22.95            | PASS    |
|            | Ant1    | Low    | 2412      | 7.72                  | -23.32              | ≤-22.28            | PASS    |
|            | Ant0    | Low    | 2417      | 3.70                  | -37.21              | ≤-26.3             | PASS    |
|            | Ant1    | Low    | 2417      | 4.84                  | -35.64              | ≤-25.16            | PASS    |
|            | Ant0    | High   | 2452      | 3.44                  | -43.54              | ≤-26.56            | PASS    |
|            | Ant1    | High   | 2452      | 4.17                  | -44.26              | ≤-25.83            | PASS    |
|            | Ant0    | High   | 2457      | 2.39                  | -43.72              | ≤-27.61            | PASS    |
|            | Ant1    | High   | 2457      | 3.74                  | -44.71              | ≤-26.26            | PASS    |
|            | Ant0    | High   | 2462      | 6.58                  | -27.73              | ≤-23.42            | PASS    |
| 11AX20MIMO | Ant1    | High   | 2462      | 7.80                  | -28.05              | ≤-22.2             | PASS    |
|            | Ant0    | Low    | 2412      | 7.22                  | -24.42              | ≤-22.78            | PASS    |
|            | Ant1    | Low    | 2412      | 8.14                  | -22.54              | ≤-21.86            | PASS    |
|            | Ant0    | Low    | 2417      | 3.93                  | -36.53              | ≤-26.07            | PASS    |
|            | Ant1    | Low    | 2417      | 4.86                  | -37.66              | ≤-25.14            | PASS    |
|            | Ant0    | High   | 2452      | 3.62                  | -44.27              | ≤-26.38            | PASS    |
|            | Ant1    | High   | 2452      | 4.39                  | -44.59              | ≤-25.61            | PASS    |
|            | Ant0    | High   | 2457      | 2.75                  | -43.43              | ≤-27.25            | PASS    |
|            | Ant1    | High   | 2457      | 3.76                  | -44.08              | ≤-26.24            | PASS    |
|            | Ant0    | High   | 2462      | 7.20                  | -25.44              | ≤-22.8             | PASS    |
|            | Ant1    | High   | 2462      | 7.85                  | -27.06              | ≤-22.15            | PASS    |



## Test Graphs

