

## 2.4GHz SDR, 1.4MHz BW CA mode

| TestMode    | Antenna | Channel | DTS BW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-------------|---------|---------|-------------|----------|----------|------------|---------|
| 1.4MCA-MIMO | Ant0    | 2405.12 | 1.081       | 2404.580 | 2405.660 | 0.5        | PASS    |
|             |         | 2437.12 | 1.075       | 2436.588 | 2437.663 | 0.5        | PASS    |
|             |         | 2471.12 | 1.078       | 2470.580 | 2471.658 | 0.5        | PASS    |

### 1.4MCA-MIMO\_Ant0\_2405.12



### 1.4MCA-MIMO\_Ant0\_2437.12



### 1.4MCA-MIMO\_Ant0\_2471.12



**2.4GHz SDR, 3MHz BW**

| TestMode | Antenna | Channel | DTS BW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|-------------|----------|----------|------------|---------|
| 3M-MIMO  | Ant0    | 2405.5  | 2.184       | 2404.414 | 2406.598 | 0.5        | PASS    |
|          |         | 2435.5  | 2.214       | 2434.408 | 2436.622 | 0.5        | PASS    |
|          |         | 2468.5  | 2.184       | 2467.414 | 2469.598 | 0.5        | PASS    |

**3M-MIMO Ant0 2405.5****3M-MIMO Ant0 2435.5****3M-MIMO Ant0 2468.5**

**2.4GHz SDR, 3MHz BW CA mode**

| TestMode  | Antenna | Channel | DTS BW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-------------|----------|----------|------------|---------|
| 3MCA-MIMO | Ant0    | 2408.2  | 2.220       | 2407.114 | 2409.334 | 0.5        | PASS    |
|           |         | 2438.2  | 2.184       | 2437.114 | 2439.298 | 0.5        | PASS    |
|           |         | 2471.2  | 2.202       | 2470.114 | 2472.316 | 0.5        | PASS    |

**3MCA-MIMO\_Ant0\_2408.2****3MCA-MIMO\_Ant0\_2438.2****3MCA-MIMO\_Ant0\_2471.2**

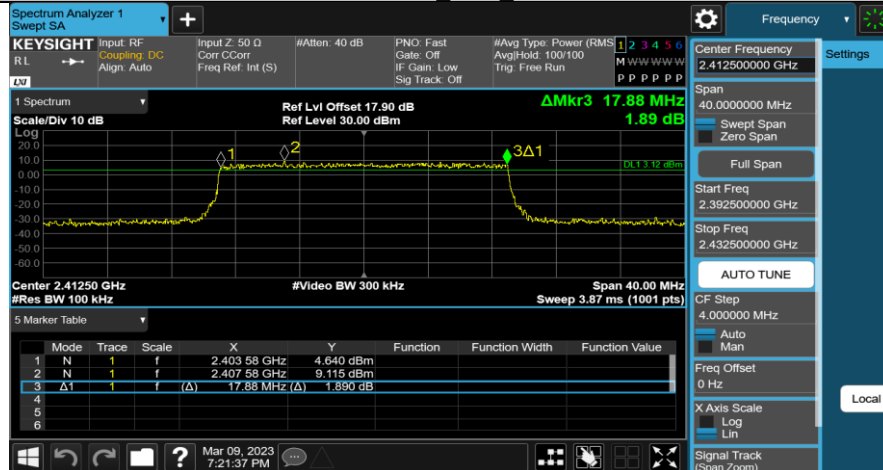
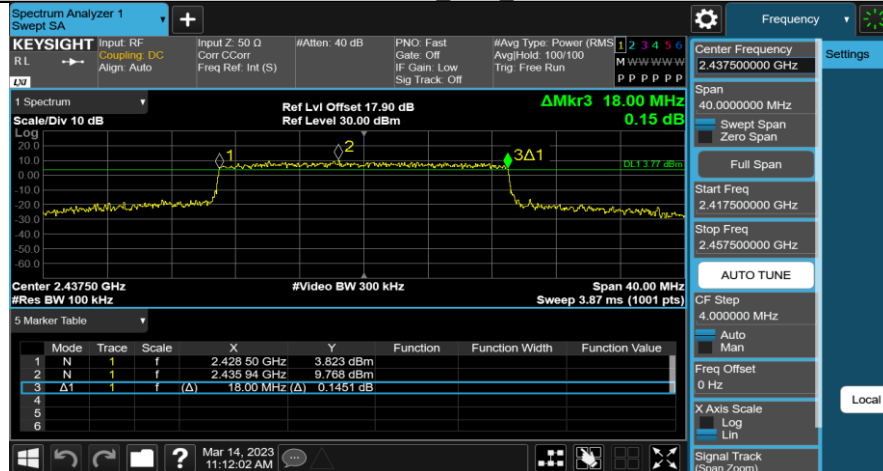
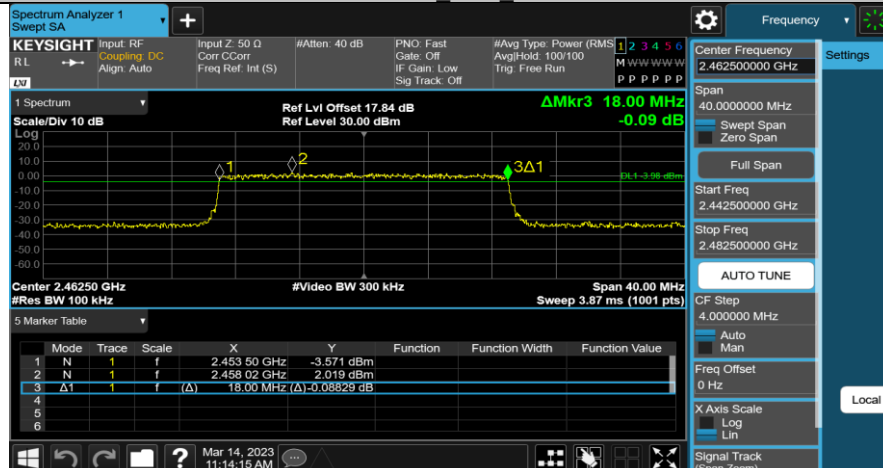
**2.4GHz SDR, 10MHz BW**

| TestMode | Antenna | Channel | DTS BW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|-------------|----------|----------|------------|---------|
| 10M-MIMO | Ant0    | 2407.5  | 9.020       | 2403.000 | 2412.020 | 0.5        | PASS    |
|          |         | 2437.5  | 8.980       | 2433.020 | 2442.000 | 0.5        | PASS    |
|          |         | 2467.5  | 8.980       | 2463.020 | 2472.000 | 0.5        | PASS    |

**10M-MIMO Ant0 2407.5****10M-MIMO Ant0 2437.5****10M-MIMO Ant0 2467.5**

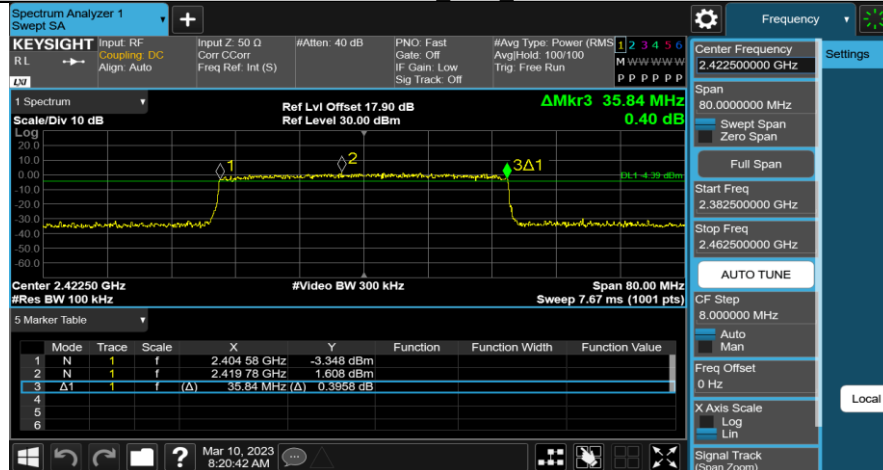
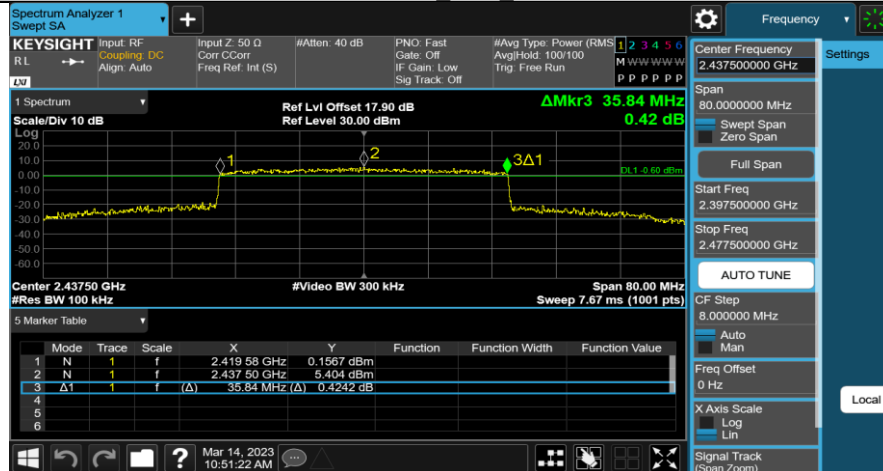
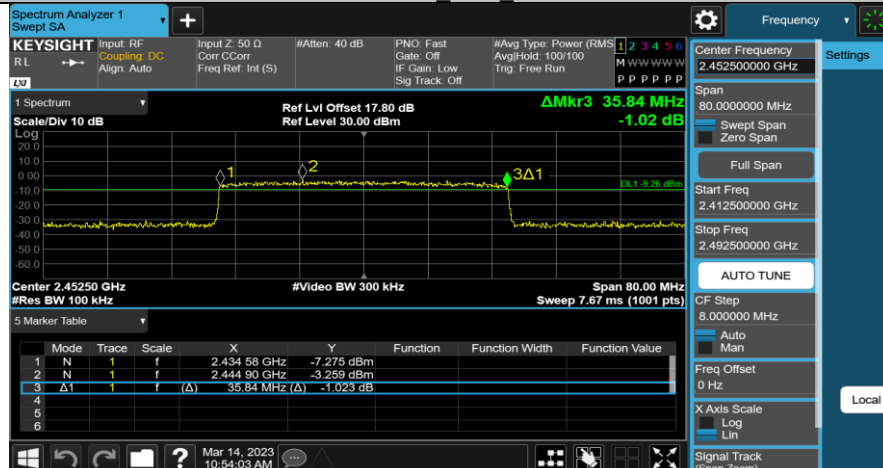
**2.4GHz SDR, 20MHz BW**

| TestMode | Antenna | Channel | DTS BW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|-------------|----------|----------|------------|---------|
| 20M-MIMO | Ant0    | 2412.5  | 17.880      | 2403.580 | 2421.460 | 0.5        | PASS    |
|          |         | 2437.5  | 18.000      | 2428.500 | 2446.500 | 0.5        | PASS    |
|          |         | 2462.5  | 18.000      | 2453.500 | 2471.500 | 0.5        | PASS    |

**20M-MIMO Ant0 2412.5****20M-MIMO Ant0 2437.5****20M-MIMO Ant0 2462.5**

**2.4GHz SDR, 40MHz BW**

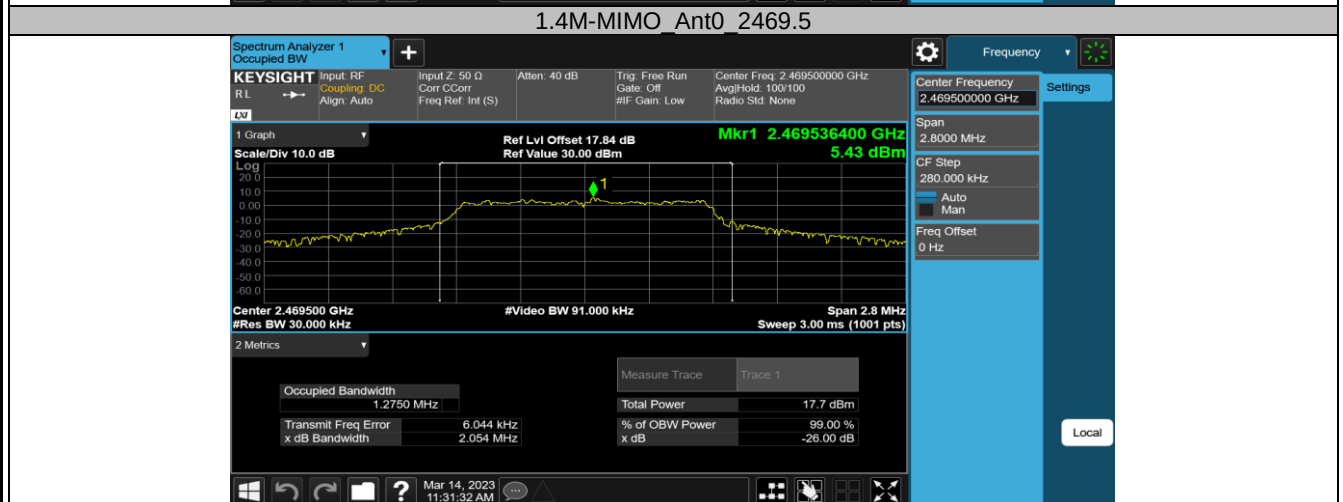
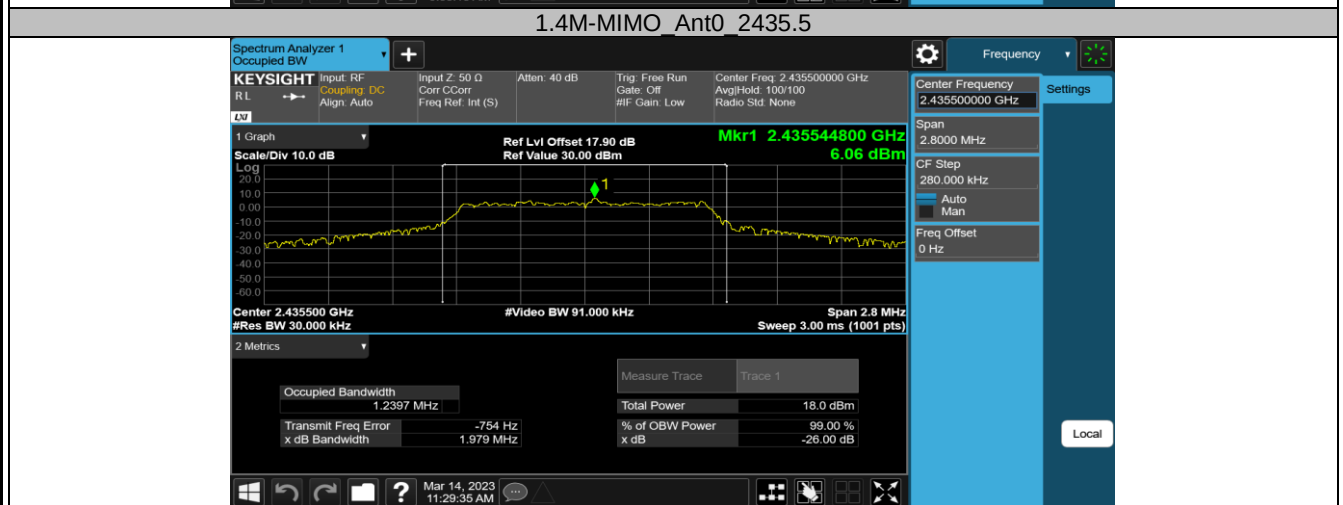
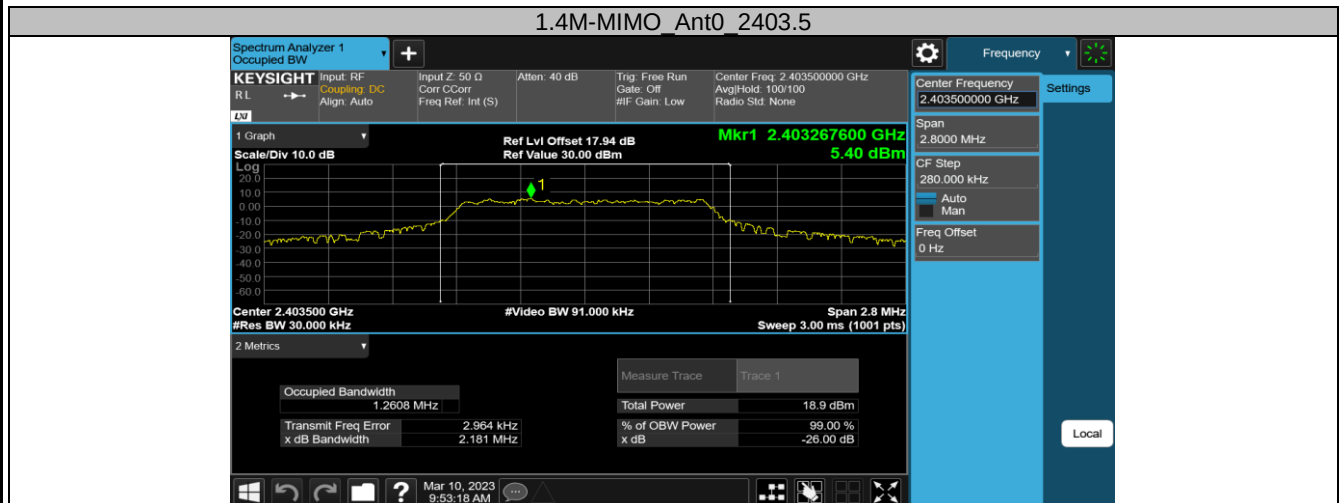
| TestMode | Antenna | Channel | DTS BW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|-------------|----------|----------|------------|---------|
| 40M-MIMO | Ant0    | 2422.5  | 35.840      | 2404.580 | 2440.420 | 0.5        | PASS    |
|          |         | 2437.5  | 35.840      | 2419.580 | 2455.420 | 0.5        | PASS    |
|          |         | 2452.5  | 35.840      | 2434.580 | 2470.420 | 0.5        | PASS    |

**40M-MIMO Ant0 2422.5****40M-MIMO Ant0 2437.5****40M-MIMO Ant0 2452.5**

## Appendix A.3: Test Results of 99% Bandwidth

### 2.4GHz SDR, 1.4MHz BW

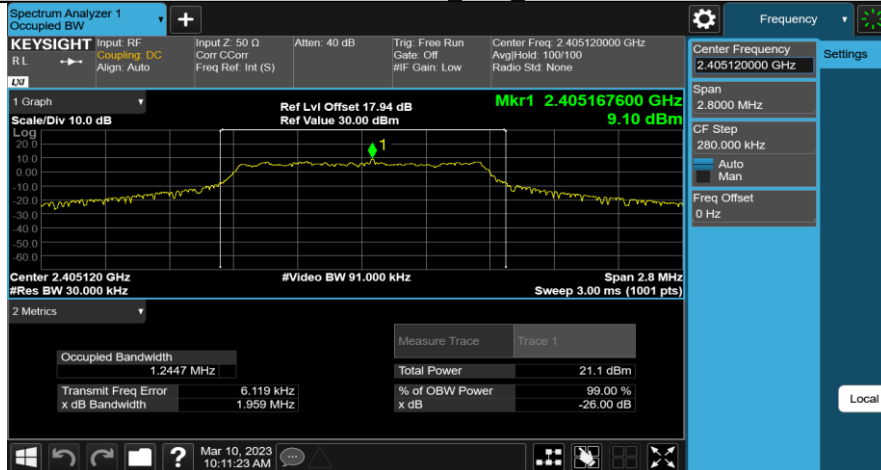
| TestMode  | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|-----------|-----------|------------|---------|
| 1.4M-MIMO | Ant0    | 2403.5  | 1.2608    | 2402.8726 | 2404.1334 | ---        | PASS    |
|           |         | 2435.5  | 1.2397    | 2434.8794 | 2436.1191 | ---        | PASS    |
|           |         | 2469.5  | 1.2750    | 2468.8685 | 2470.1435 | ---        | PASS    |



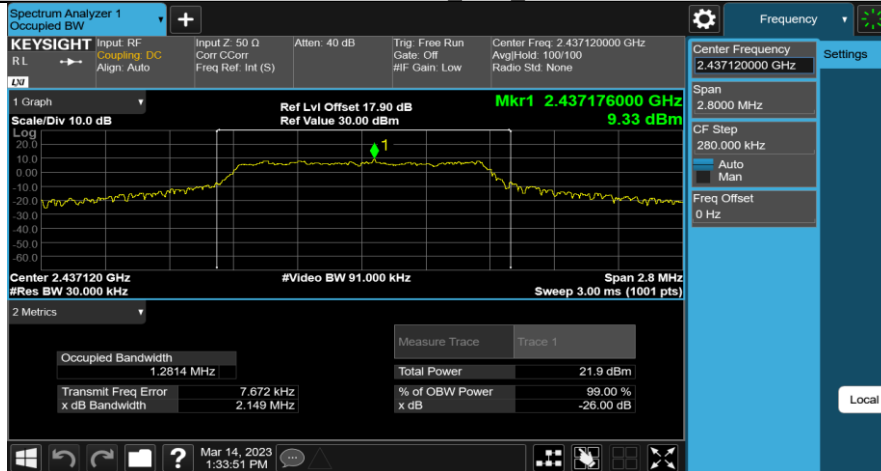
## 2.4GHz SDR, 1.4MHz BW CA mode

| TestMode    | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-------------|---------|---------|-----------|-----------|-----------|------------|---------|
| 1.4MCA-MIMO | Ant0    | 2405.12 | 1.2447    | 2404.5038 | 2405.7485 | ---        | PASS    |
|             |         | 2437.12 | 1.2814    | 2436.4870 | 2437.7684 | ---        | PASS    |
|             |         | 2471.12 | 1.2582    | 2470.4987 | 2471.7569 | ---        | PASS    |

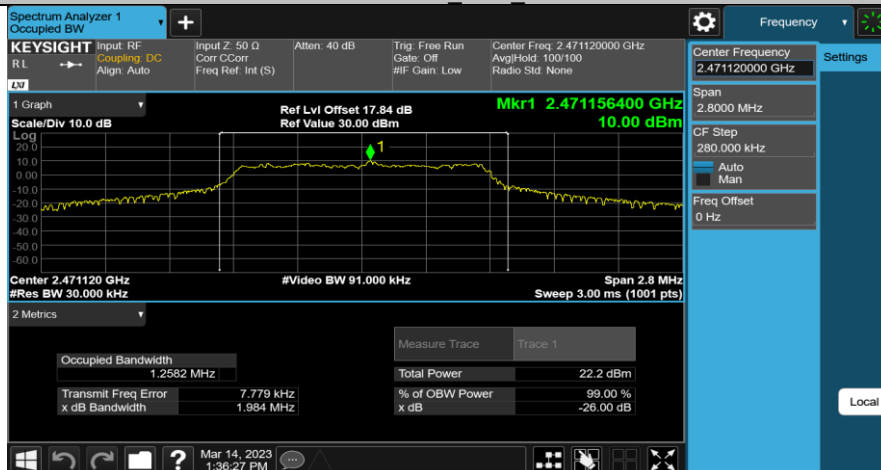
### 1.4MCA-MIMO Ant0 2405.12



### 1.4MCA-MIMO Ant0 2437.12

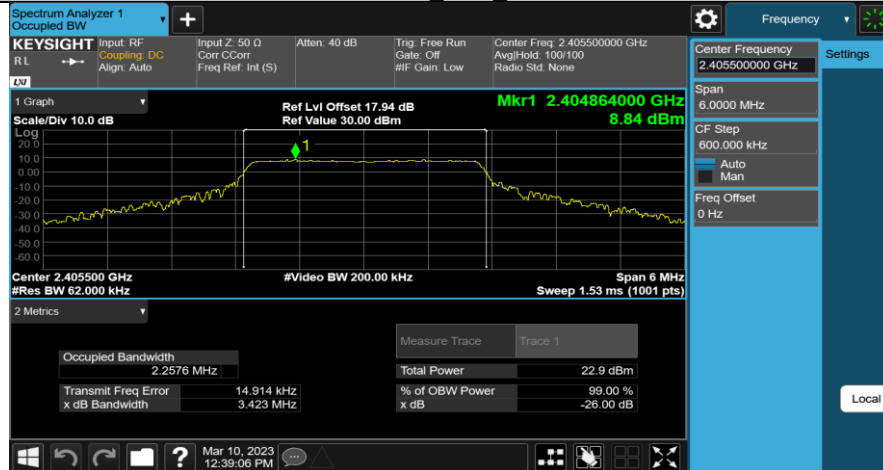
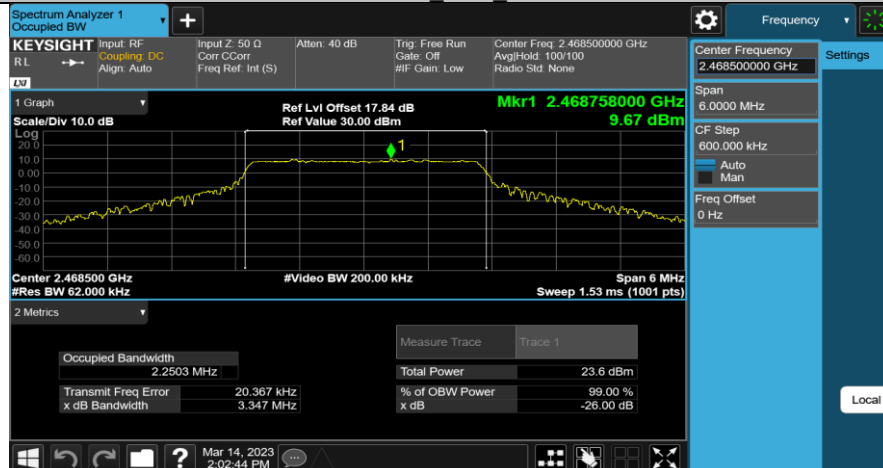


### 1.4MCA-MIMO Ant0 2471.12



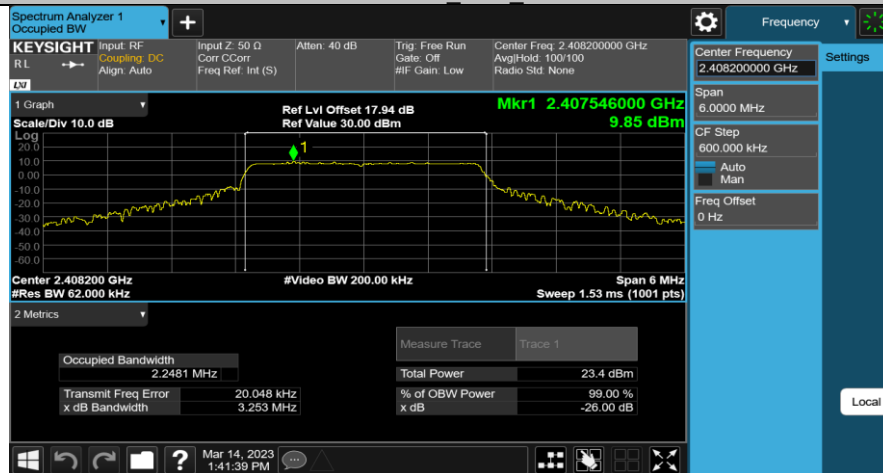
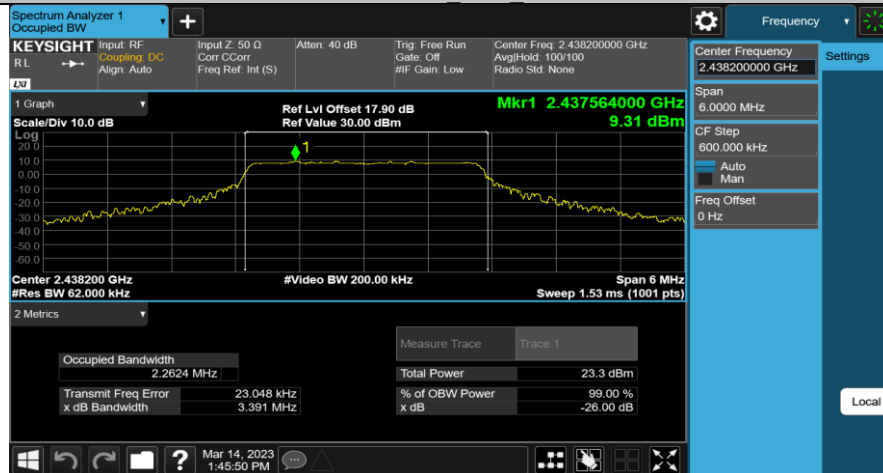
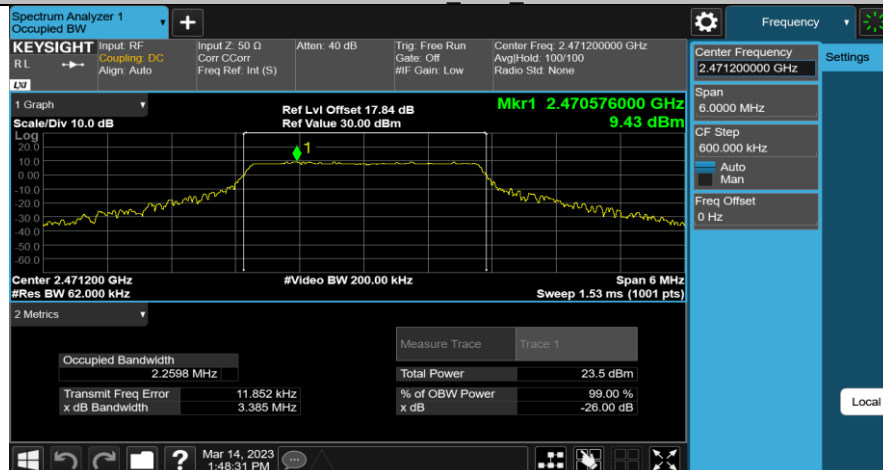
**2.4GHz SDR, 3MHz BW**

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|-----------|-----------|------------|---------|
| 3M-MIMO  | Ant0    | 2405.5  | 2.2576    | 2404.3861 | 2406.6437 | ---        | PASS    |
|          |         | 2435.5  | 2.2627    | 2434.3831 | 2436.6458 | ---        | PASS    |
|          |         | 2468.5  | 2.2503    | 2467.3952 | 2469.6455 | ---        | PASS    |

**3M-MIMO Ant0 2405.5****3M-MIMO Ant0 2435.5****3M-MIMO Ant0 2468.5**

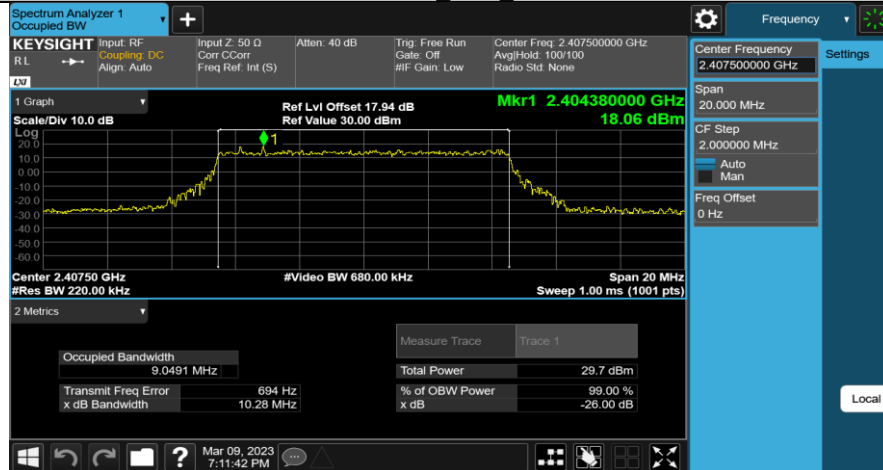
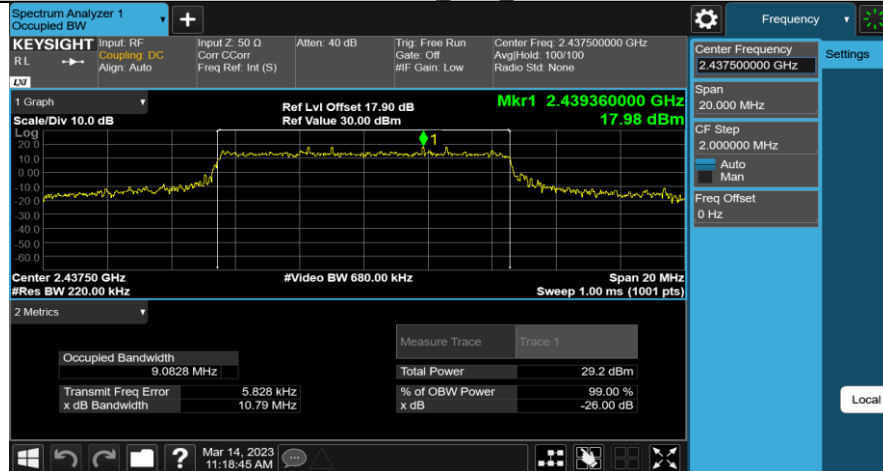
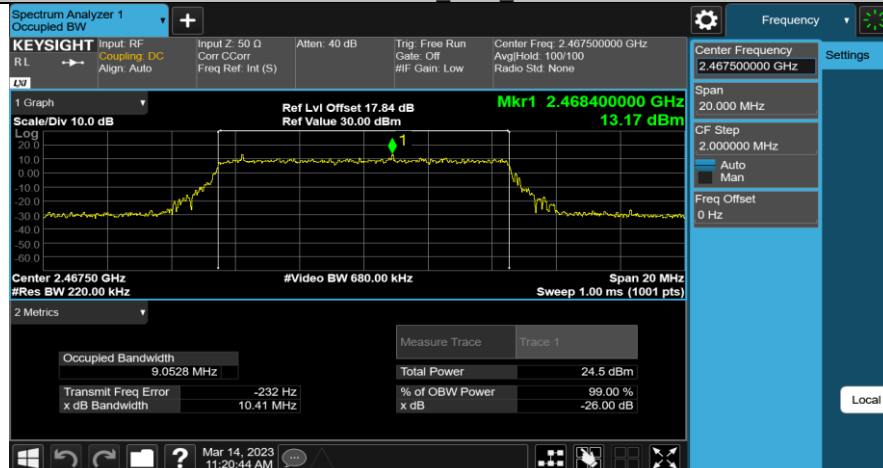
**2.4GHz SDR, 3MHz BW CA mode**

| TestMode  | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|-----------|-----------|------------|---------|
| 3MCA-MIMO | Ant0    | 2408.2  | 2.2481    | 2407.0960 | 2409.3441 | ---        | PASS    |
|           |         | 2438.2  | 2.2624    | 2437.0919 | 2439.3543 | ---        | PASS    |
|           |         | 2471.2  | 2.2598    | 2470.0820 | 2472.3418 | ---        | PASS    |

**3MCA-MIMO Ant0 2408.2****3MCA-MIMO Ant0 2438.2****3MCA-MIMO Ant0 2471.2**

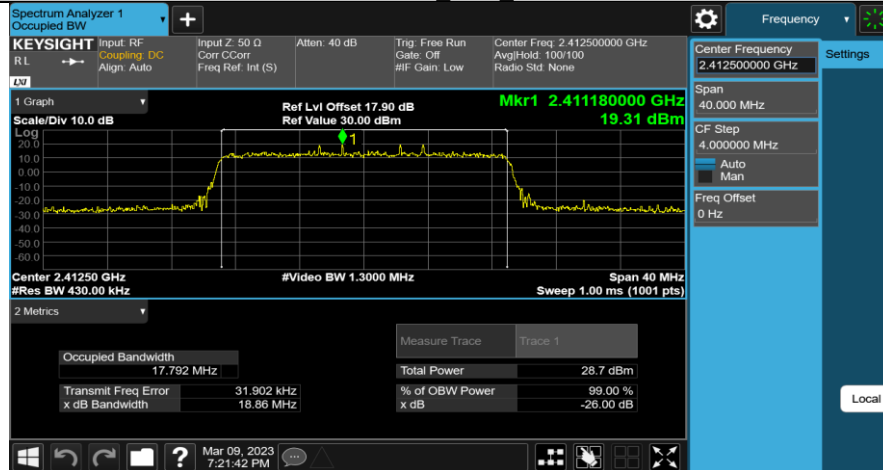
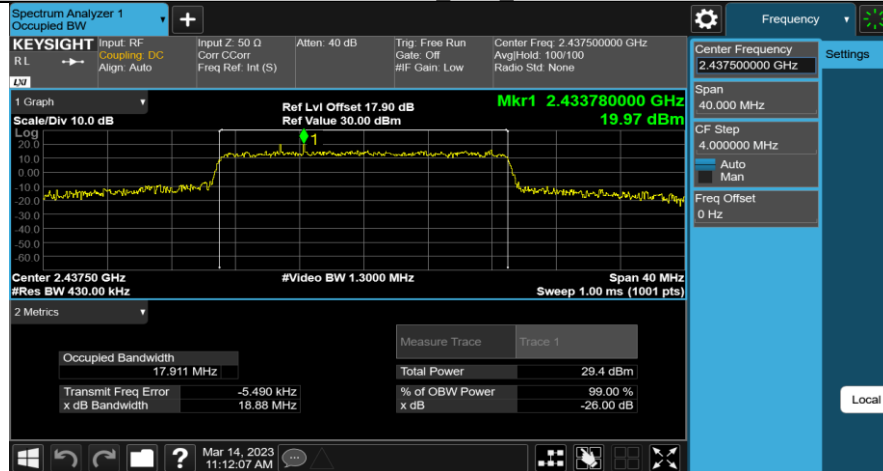
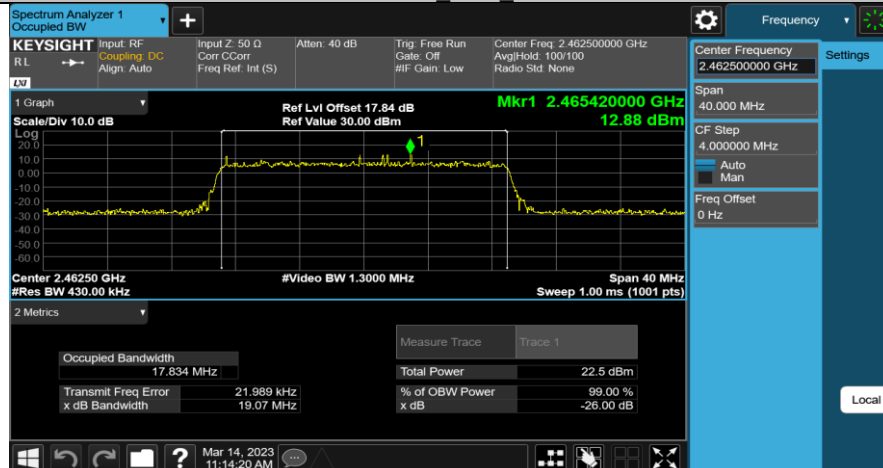
**2.4GHz SDR, 10MHz BW**

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|-----------|-----------|------------|---------|
| 10M-MIMO | Ant0    | 2407.5  | 9.0491    | 2402.9761 | 2412.0252 | ---        | PASS    |
|          |         | 2437.5  | 9.0828    | 2432.9644 | 2442.0472 | ---        | PASS    |
|          |         | 2467.5  | 9.0528    | 2462.9734 | 2472.0262 | ---        | PASS    |

**10M-MIMO Ant0 2407.5****10M-MIMO Ant0 2437.5****10M-MIMO Ant0 2467.5**

**2.4GHz SDR, 20MHz BW**

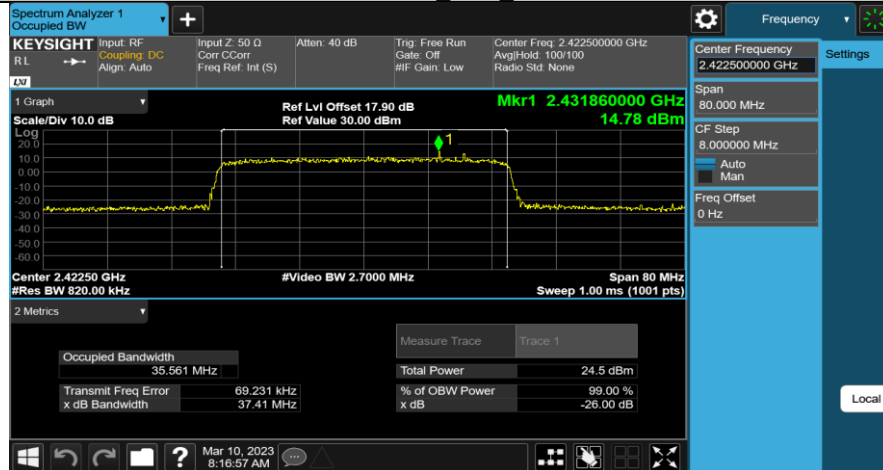
| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|-----------|-----------|------------|---------|
| 20M-MIMO | Ant0    | 2412.5  | 17.792    | 2403.6359 | 2421.4279 | ---        | PASS    |
|          |         | 2437.5  | 17.911    | 2428.5390 | 2446.4500 | ---        | PASS    |
|          |         | 2462.5  | 17.834    | 2453.6050 | 2471.4390 | ---        | PASS    |

**20M-MIMO Ant0 2412.5****20M-MIMO Ant0 2437.5****20M-MIMO Ant0 2462.5**

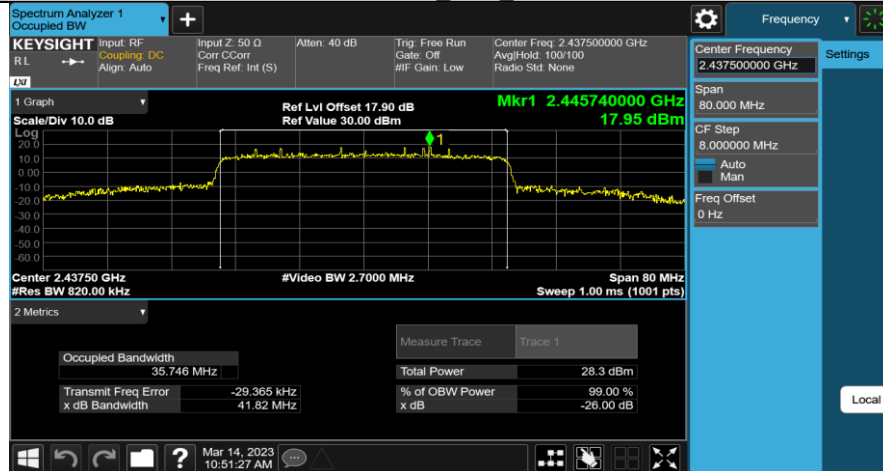
## 2.4GHz SDR, 40MHz BW

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|-----------|-----------|------------|---------|
| 40M-MIMO | Ant0    | 2422.5  | 35.561    | 2404.7887 | 2440.3497 | ---        | PASS    |
|          |         | 2437.5  | 35.746    | 2419.5976 | 2455.3436 | ---        | PASS    |
|          |         | 2452.5  | 35.686    | 2434.6823 | 2470.3683 | ---        | PASS    |

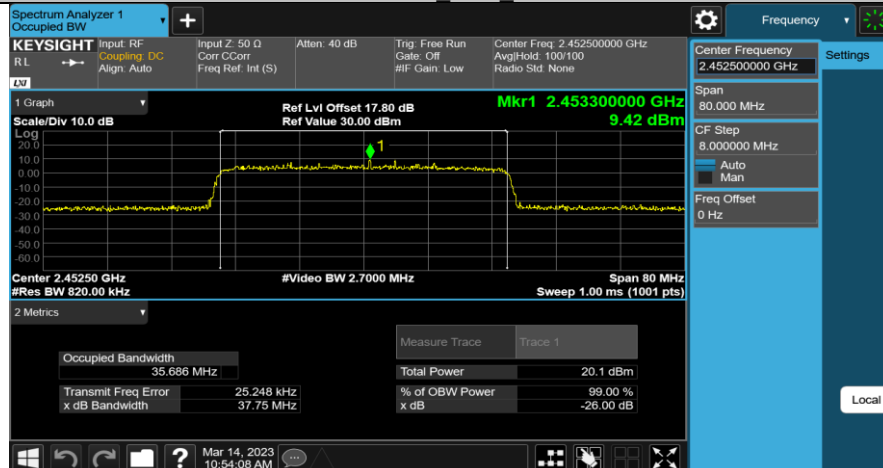
### 40M-MIMO Ant0 2422.5



### 40M-MIMO Ant0 2437.5



### 40M-MIMO Ant0 2452.5

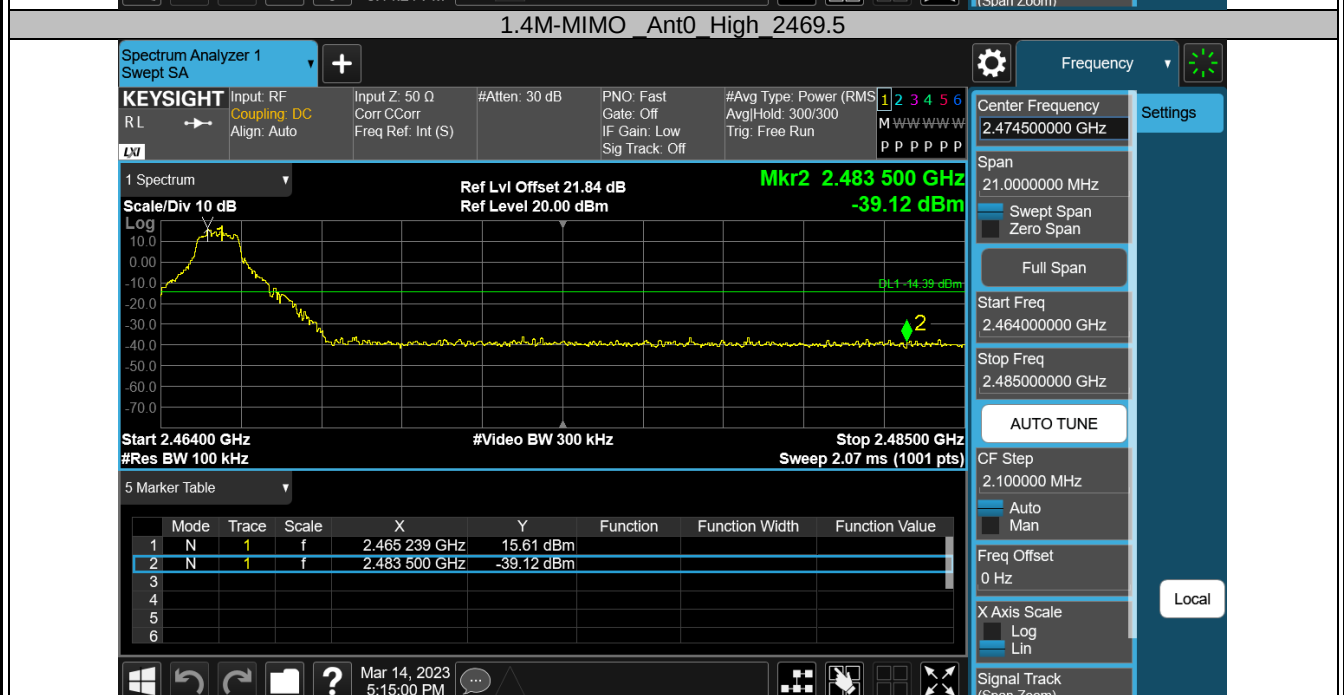
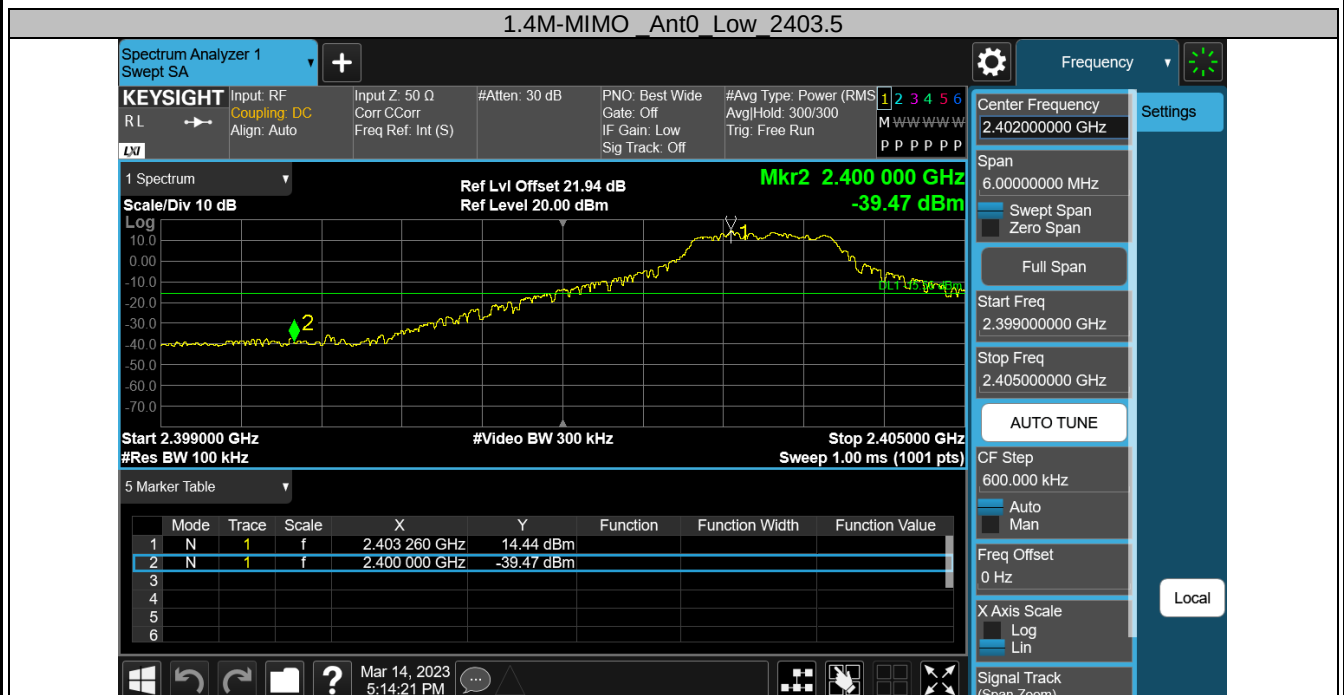


## Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

### Bandedge

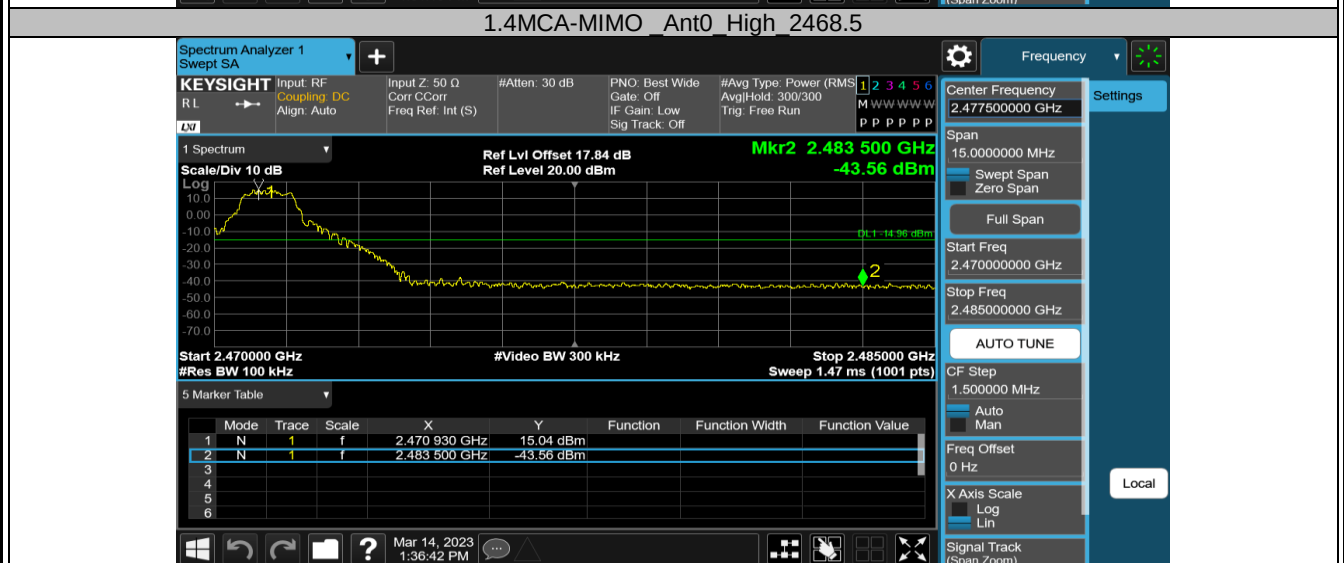
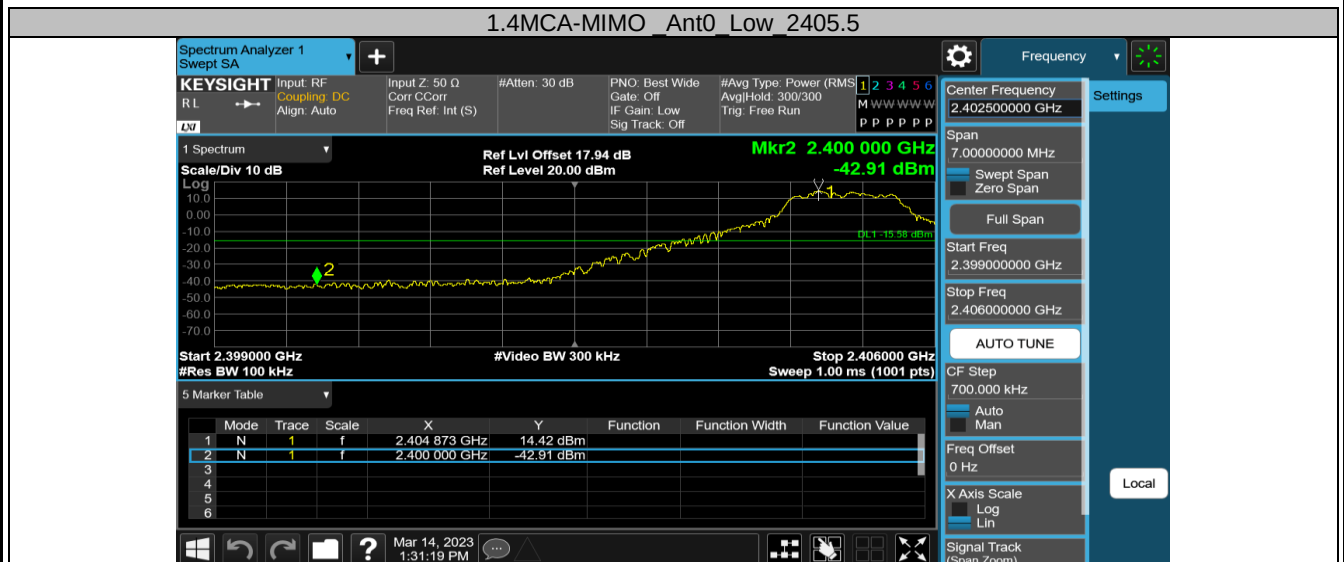
2.4GHz SDR, 1.4MHz BW\_Bandedge

| TestMode  | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|---------|----------------|--------------|-------------|---------|
| 1.4M-MIMO | Ant0    | Low    | 2403.5  | 14.44          | -39.47       | ≤-15.56     | PASS    |
|           |         | High   | 2469.5  | 15.61          | -39.12       | ≤-14.39     | PASS    |



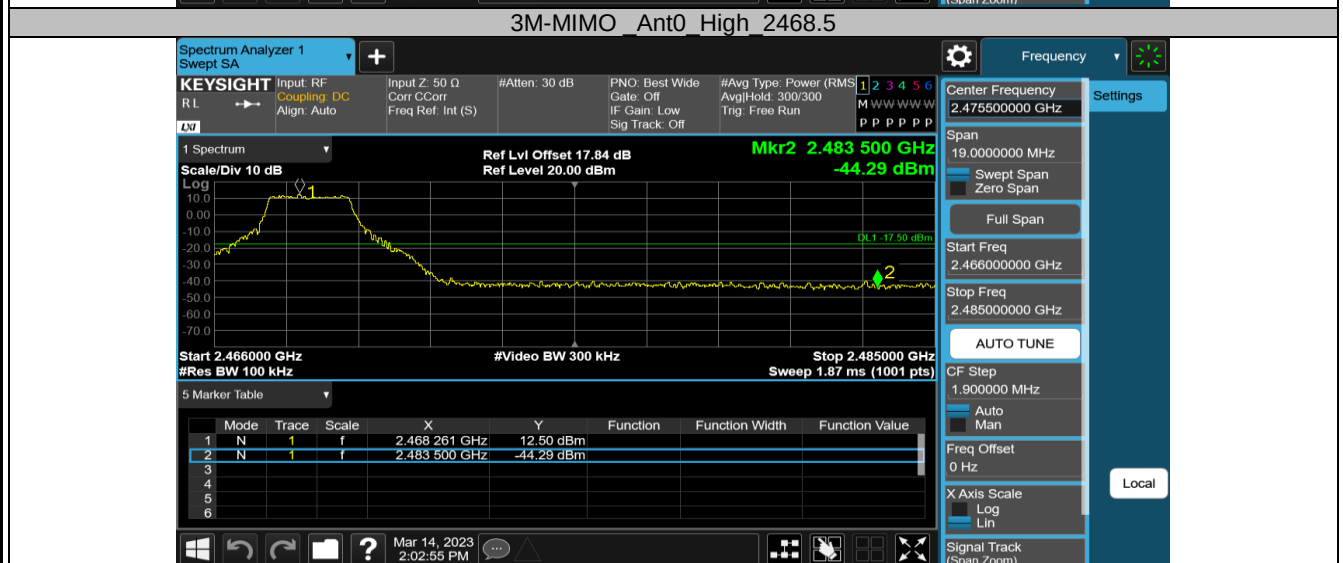
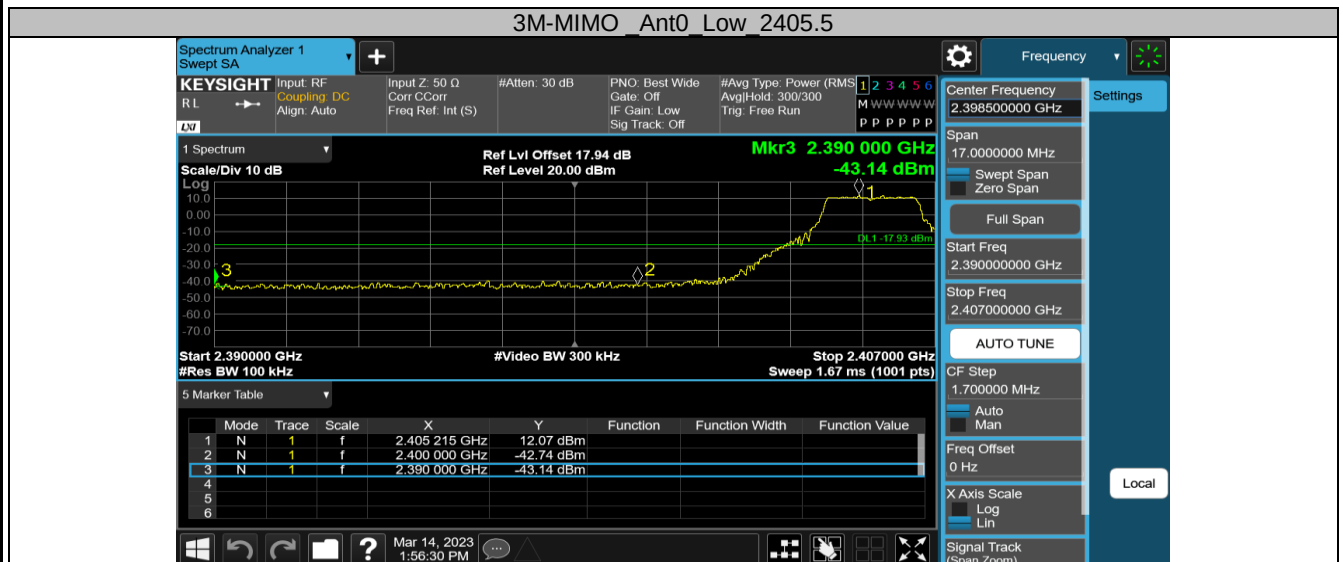
2.4GHz SDR, 1.4MHz BW CA mode

| TestMode    | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-------------|---------|--------|---------|----------------|--------------|-------------|---------|
| 1.4MCA-MIMO | Ant0    | Low    | 2405.12 | 14.42          | -42.91       | ≤-15.58     | PASS    |
|             |         | High   | 2471.12 | 15.04          | -43.56       | ≤-14.96     | PASS    |



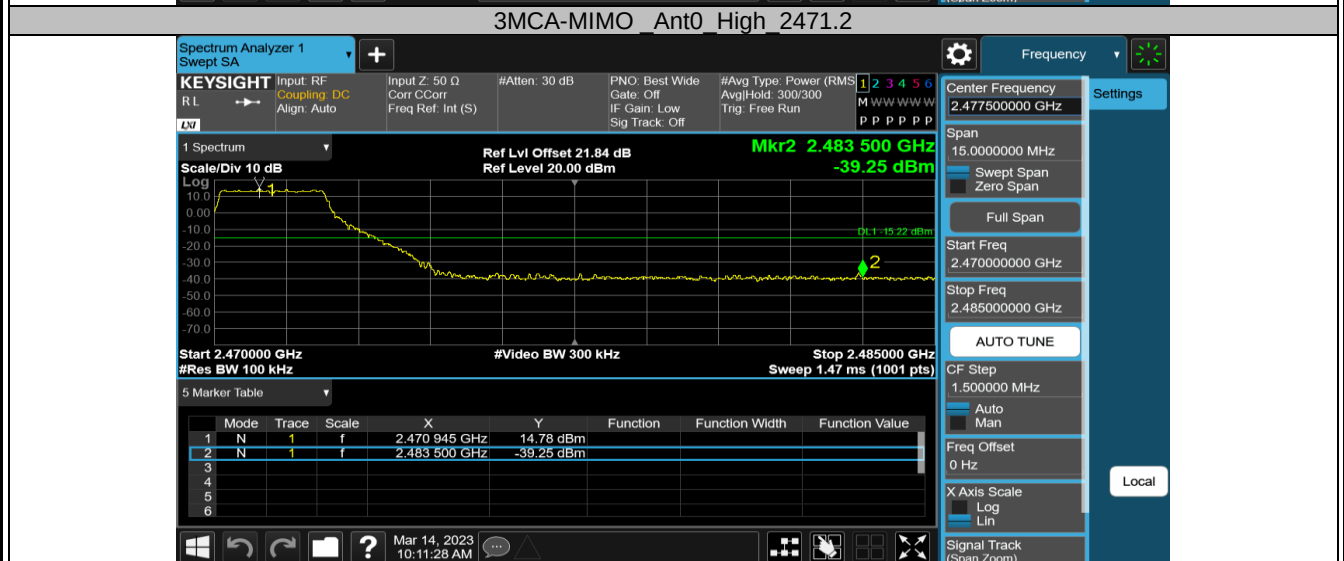
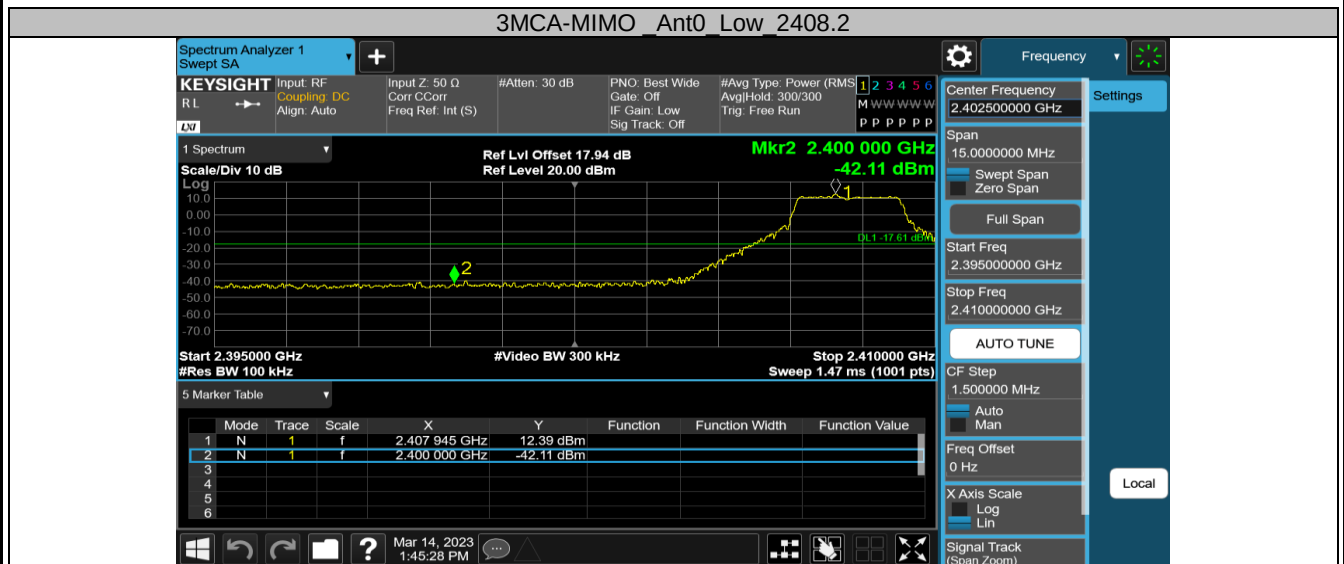
2.4GHz SDR, 3MHz BW

| TestMode | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|--------|---------|----------------|--------------|-------------|---------|
| 3M-MIMO  | Ant0    | Low    | 2405.5  | 12.07          | -42.74       | ≤-17.93     | PASS    |
|          |         | High   | 2468.5  | 12.50          | -44.29       | ≤-17.50     | PASS    |

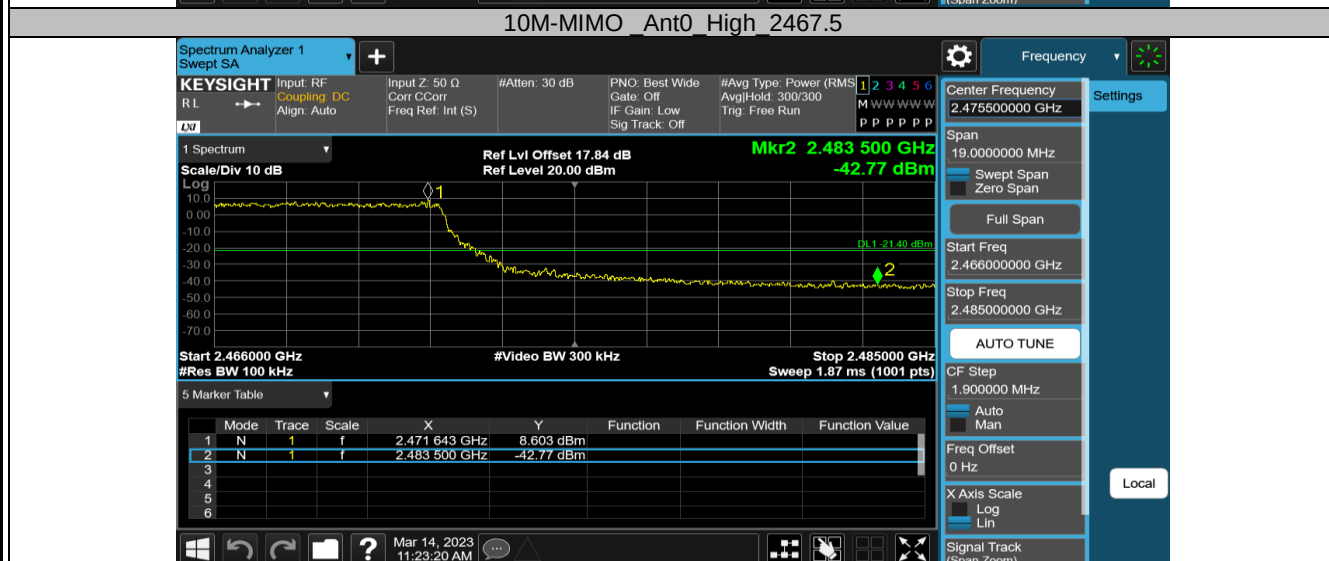
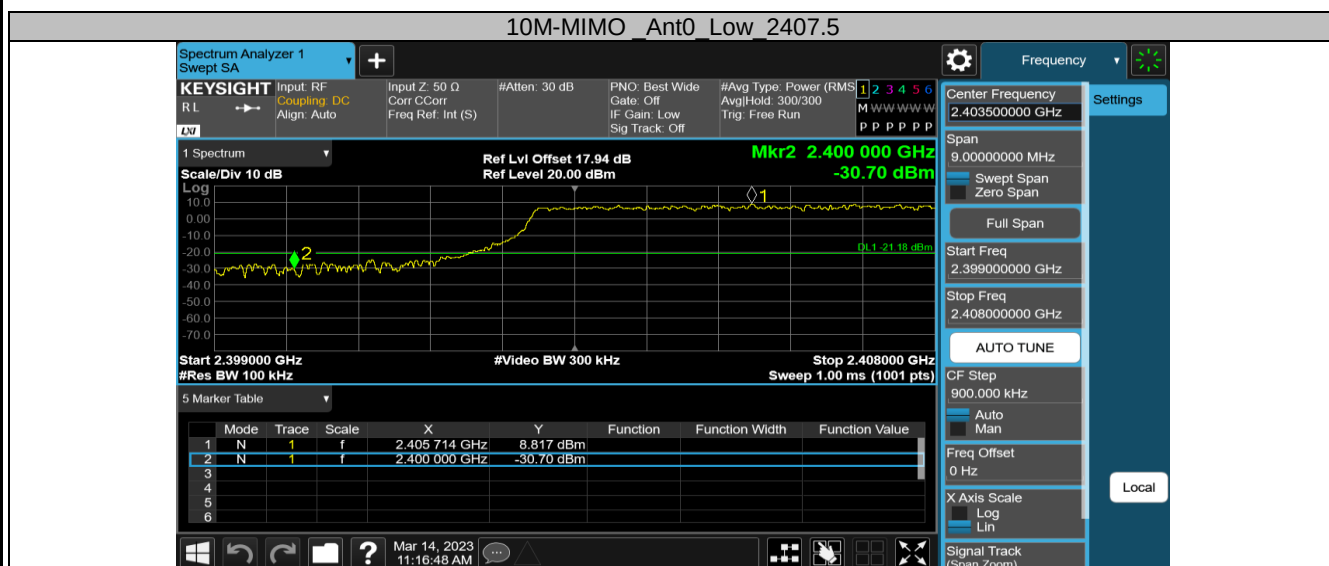


2.4GHz SDR, 3MHz BW CA mode

| TestMode  | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|---------|----------------|--------------|-------------|---------|
| 3MCA-MIMO | Ant0    | Low    | 2408.2  | 12.39          | -42.11       | ≤-17.61     | PASS    |
|           |         | High   | 2471.2  | 14.78          | -39.25       | ≤-15.22     | PASS    |

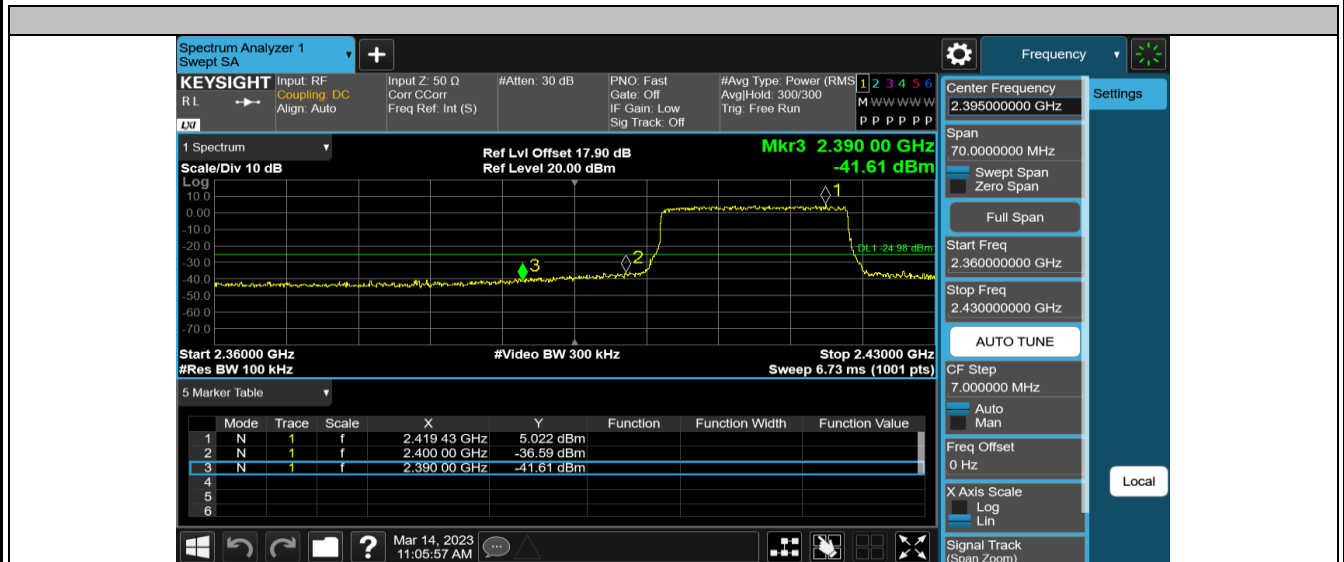


| TestMode | Antenna | ChName | Channel | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|--------|---------|-------------------|-----------------|----------------|---------|
| 10M-MIMO | Ant0    | Low    | 2407.5  | 8.82              | -30.70          | ≤-21.18        | PASS    |
|          |         | High   | 2467.5  | 8.60              | -42.77          | ≤-21.40        | PASS    |

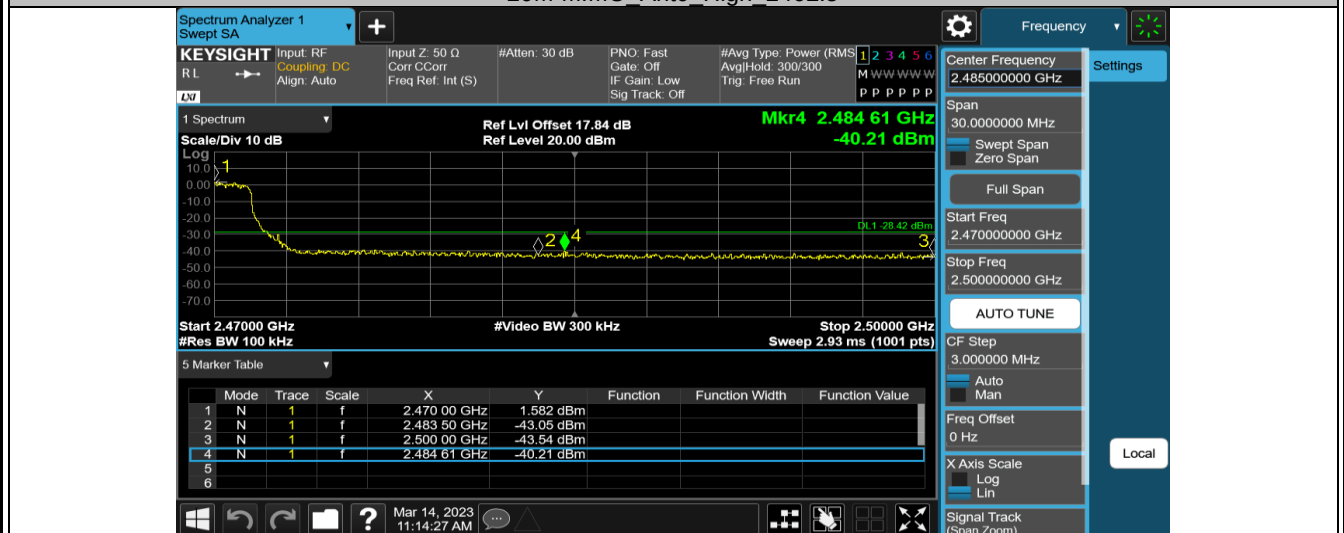


2.4GHz SDR, 20MHz BW

| TestMode | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|--------|---------|----------------|--------------|-------------|---------|
| 20M-MIMO | Ant0    | Low    | 2412.5  | 5.02           | -36.59       | ≤-24.98     | PASS    |
|          |         | High   | 2462.5  | 1.58           | -43.05       | ≤-28.42     | PASS    |



20M-MIMO Ant0 High 2462.5



2.4GHz SDR, 40MHz BW

| TestMode | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|--------|---------|----------------|--------------|-------------|---------|
| 40M-MIMO | Ant0    | Low    | 2405.5  | -1.41          | -41.51       | ≤-31.41     | PASS    |
|          |         | High   | 2452.5  | -2.24          | -40.19       | ≤-32.24     | PASS    |

