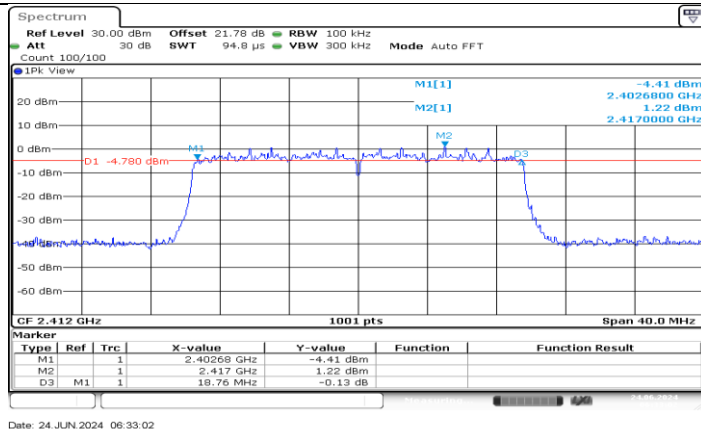
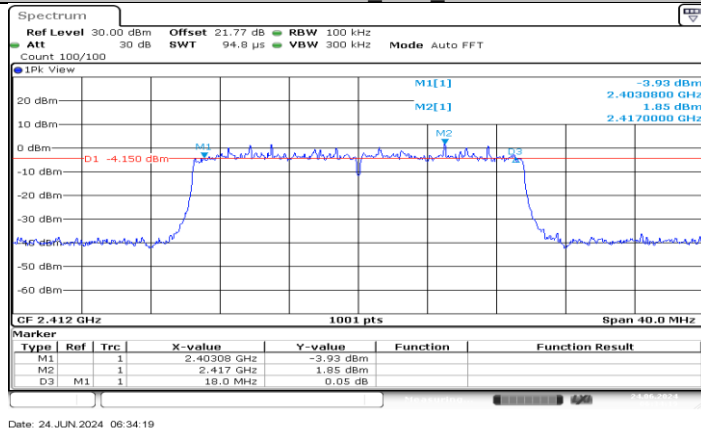
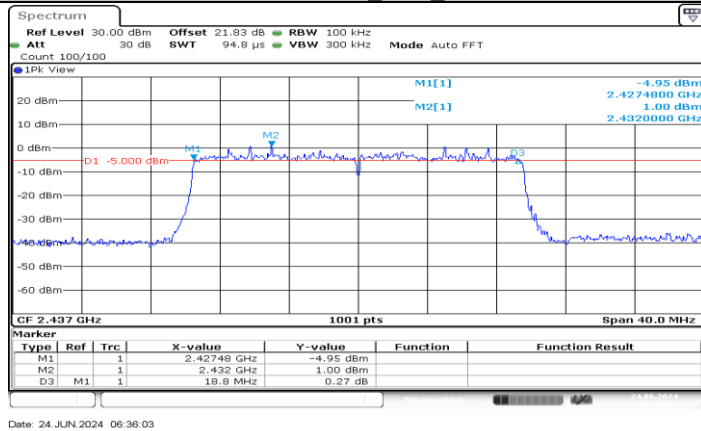




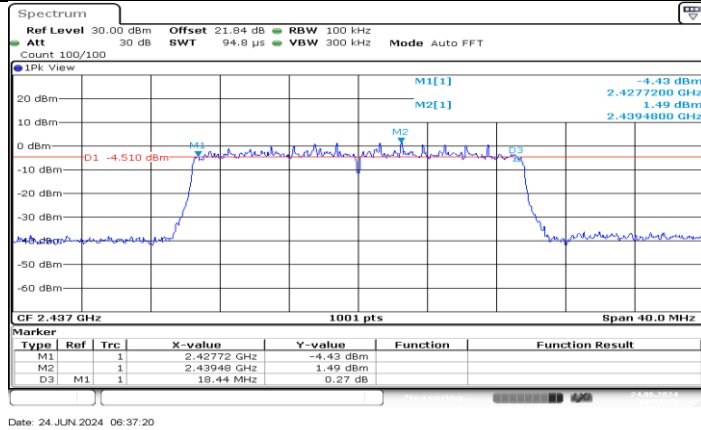
11AX20MIMO\_Ant1\_2412



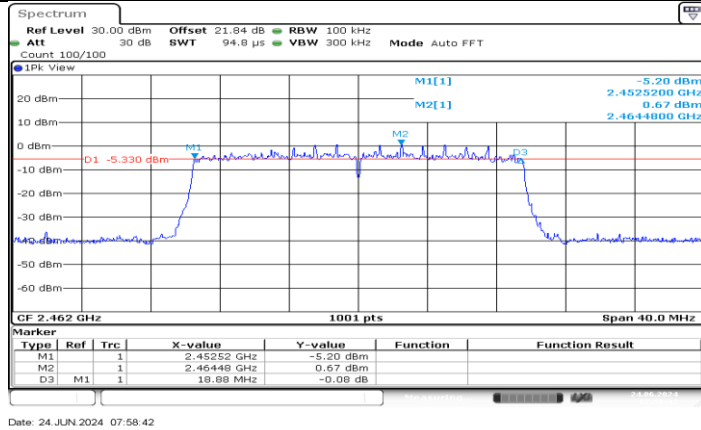
11AX20MIMO\_Ant2\_2412



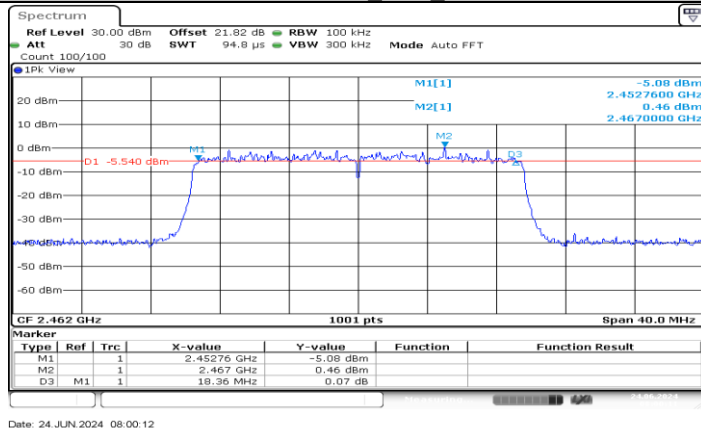
11AX20MIMO\_Ant1\_2437



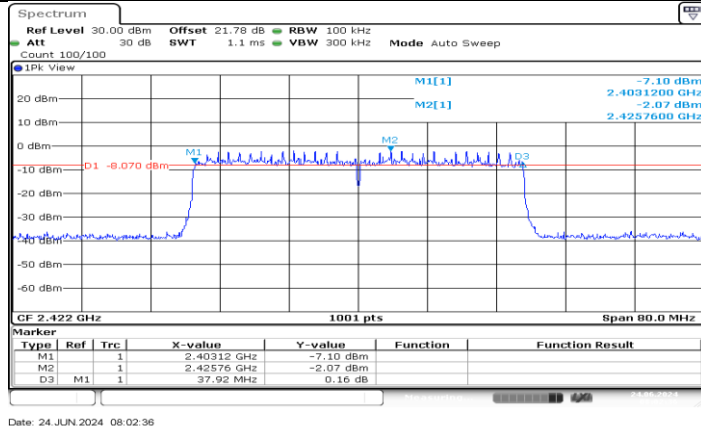
### 11AX20MIMO\_Ant2\_2437



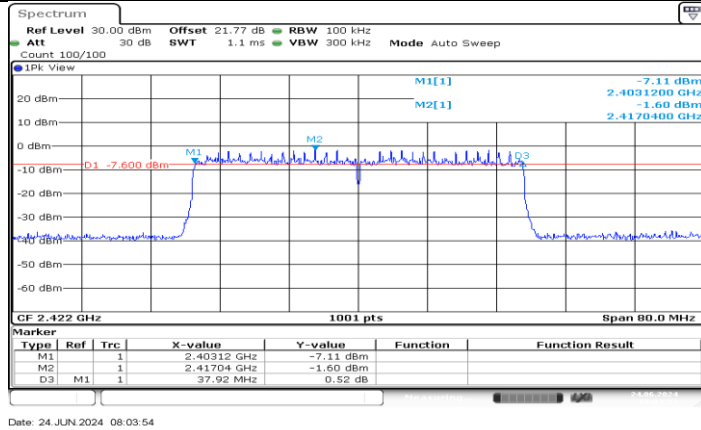
### 11AX20MIMO\_Ant1\_2462



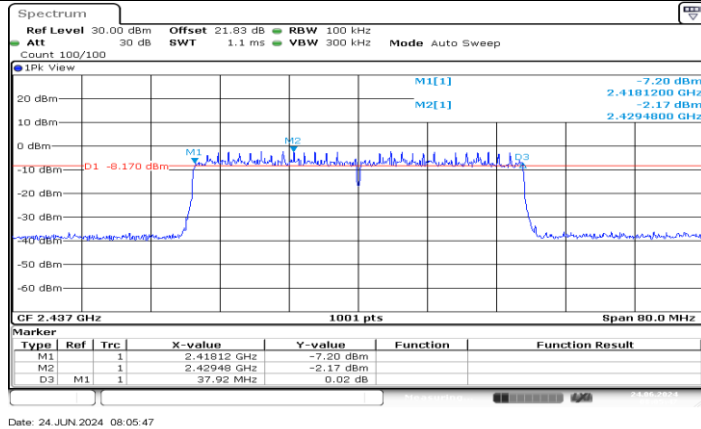
### 11AX20MIMO\_Ant2\_2462



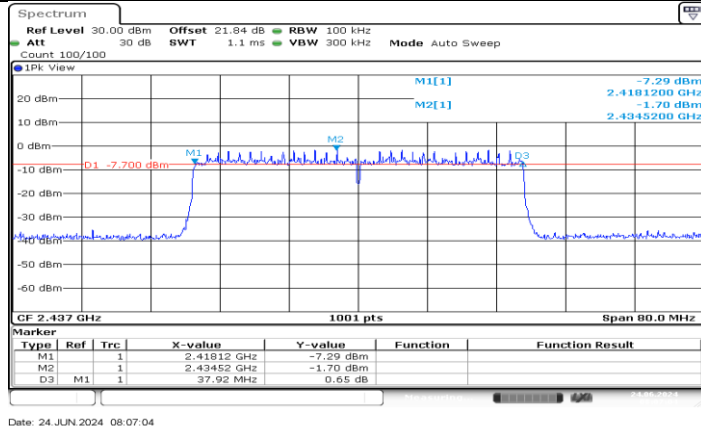
### 11AX40MIMO\_Ant1\_2422



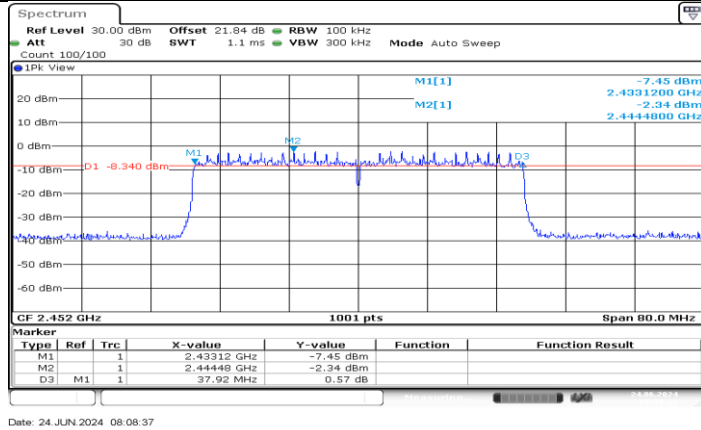
### 11AX40MIMO\_Ant2\_2422



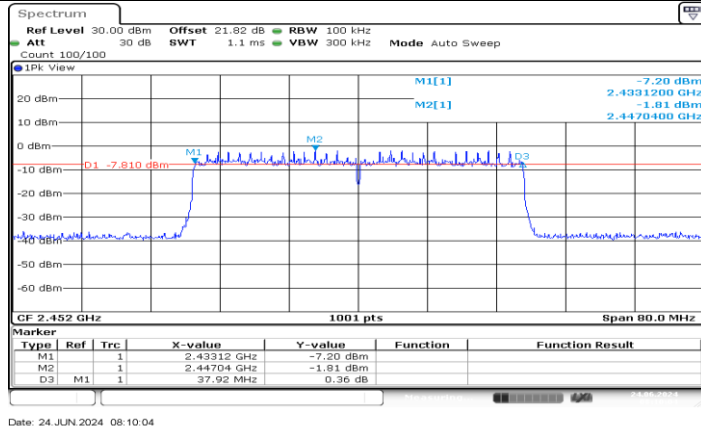
### 11AX40MIMO\_Ant1\_2437



### 11AX40MIMO\_Ant2\_2437



### 11AX40MIMO\_Ant1\_2452



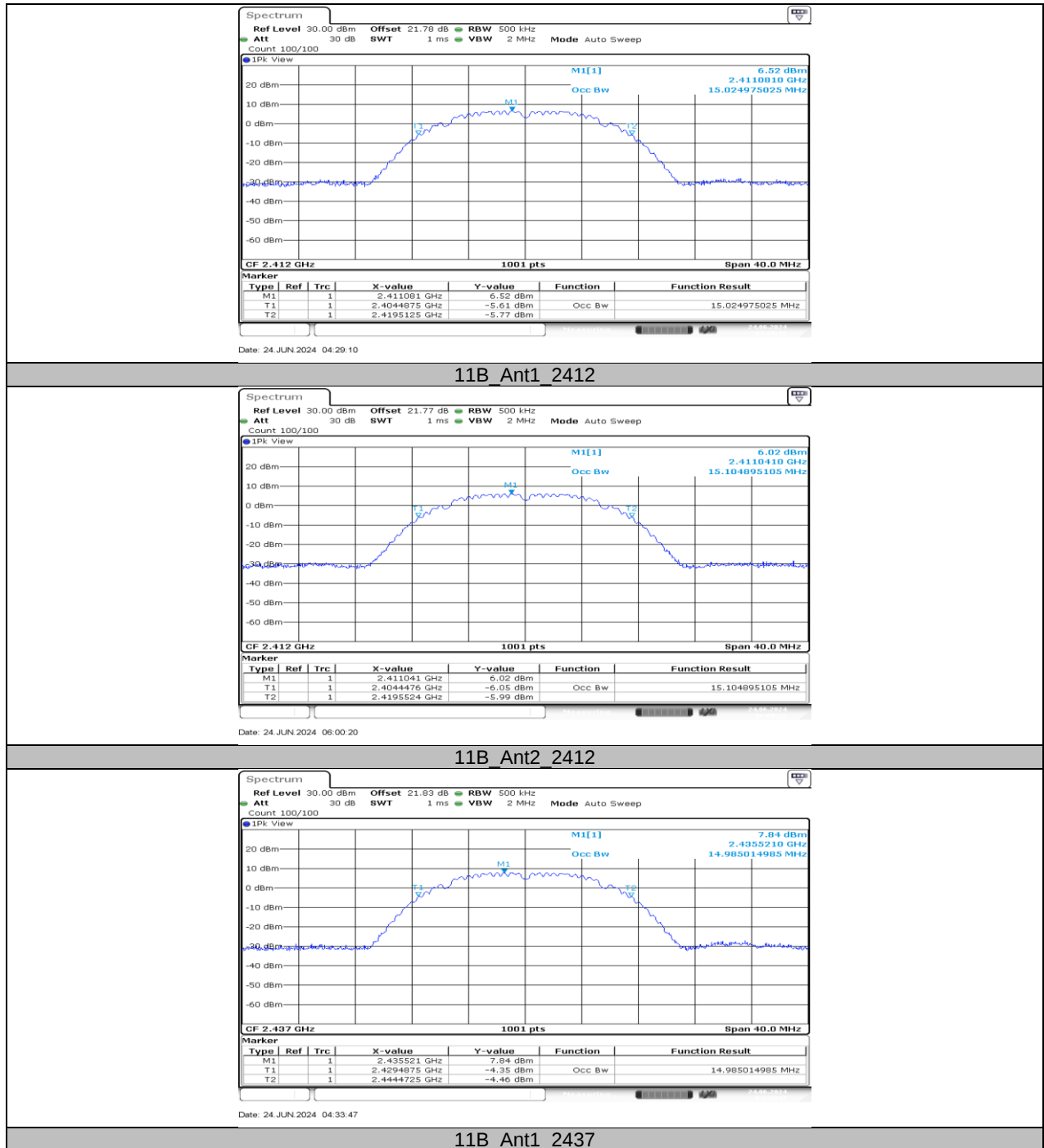
### 11AX40MIMO\_Ant2\_2452

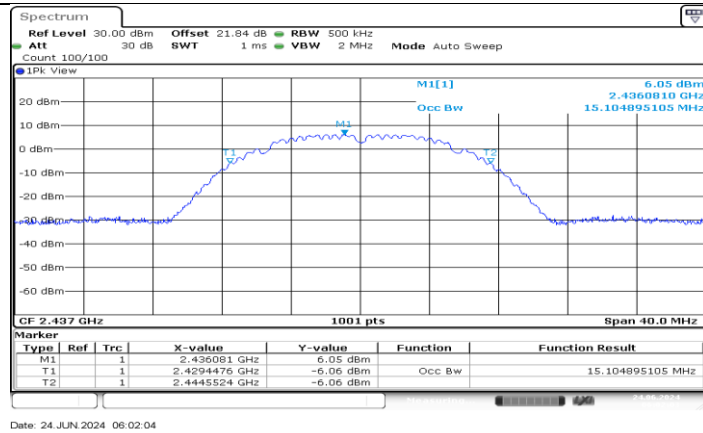
## 11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

### 11.2.1. Test Result

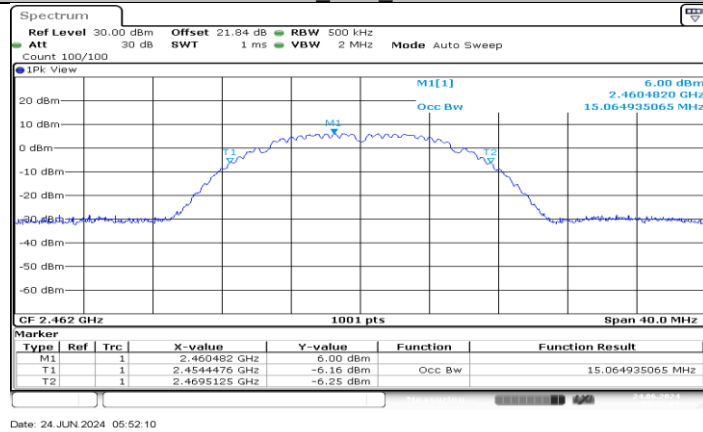
| Test Mode  | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Verdict |
|------------|---------|----------------|-----------|-----------|-----------|---------|
| 11B        | Ant1    | 2412           | 15.025    | 2404.4875 | 2419.5125 | PASS    |
|            | Ant2    | 2412           | 15.105    | 2404.4476 | 2419.5524 | PASS    |
|            | Ant1    | 2437           | 14.985    | 2429.4875 | 2444.4725 | PASS    |
|            | Ant2    | 2437           | 15.105    | 2429.4476 | 2444.5524 | PASS    |
|            | Ant1    | 2462           | 15.065    | 2454.4476 | 2469.5125 | PASS    |
|            | Ant2    | 2462           | 15.105    | 2454.4476 | 2469.5524 | PASS    |
| 11G        | Ant1    | 2412           | 16.623    | 2403.7283 | 2420.3516 | PASS    |
|            | Ant2    | 2412           | 16.623    | 2403.7283 | 2420.3516 | PASS    |
|            | Ant1    | 2437           | 16.663    | 2428.6883 | 2445.3516 | PASS    |
|            | Ant2    | 2437           | 16.663    | 2428.6883 | 2445.3516 | PASS    |
|            | Ant1    | 2462           | 16.623    | 2453.7283 | 2470.3516 | PASS    |
|            | Ant2    | 2462           | 16.623    | 2453.7283 | 2470.3516 | PASS    |
| 11N20MIMO  | Ant1    | 2412           | 17.582    | 2403.2088 | 2420.7912 | PASS    |
|            | Ant2    | 2412           | 17.582    | 2403.2088 | 2420.7912 | PASS    |
|            | Ant1    | 2437           | 17.582    | 2428.2088 | 2445.7912 | PASS    |
|            | Ant2    | 2437           | 17.582    | 2428.2088 | 2445.7912 | PASS    |
|            | Ant1    | 2462           | 17.582    | 2453.2088 | 2470.7912 | PASS    |
|            | Ant2    | 2462           | 17.582    | 2453.2088 | 2470.7912 | PASS    |
| 11N40MIMO  | Ant1    | 2422           | 36.204    | 2403.9381 | 2440.1419 | PASS    |
|            | Ant2    | 2422           | 36.364    | 2403.8581 | 2440.2218 | PASS    |
|            | Ant1    | 2437           | 36.284    | 2418.8581 | 2455.1419 | PASS    |
|            | Ant2    | 2437           | 36.364    | 2418.8581 | 2455.2218 | PASS    |
|            | Ant1    | 2452           | 36.284    | 2433.8581 | 2470.1419 | PASS    |
|            | Ant2    | 2452           | 36.364    | 2433.8581 | 2470.2218 | PASS    |
| 11AX20MIMO | Ant1    | 2412           | 18.901    | 2402.5694 | 2421.4705 | PASS    |
|            | Ant2    | 2412           | 18.901    | 2402.5694 | 2421.4705 | PASS    |
|            | Ant1    | 2437           | 18.861    | 2427.5694 | 2446.4306 | PASS    |
|            | Ant2    | 2437           | 18.901    | 2427.5694 | 2446.4705 | PASS    |
|            | Ant1    | 2462           | 18.901    | 2452.5694 | 2471.4705 | PASS    |
|            | Ant2    | 2462           | 18.901    | 2452.5694 | 2471.4705 | PASS    |
| 11AX40MIMO | Ant1    | 2422           | 37.962    | 2402.9790 | 2440.9411 | PASS    |
|            | Ant2    | 2422           | 37.882    | 2403.0589 | 2440.9411 | PASS    |
|            | Ant1    | 2437           | 37.962    | 2417.9790 | 2455.9411 | PASS    |
|            | Ant2    | 2437           | 37.882    | 2418.0589 | 2455.9411 | PASS    |
|            | Ant1    | 2452           | 37.962    | 2432.9790 | 2470.9411 | PASS    |
|            | Ant2    | 2452           | 37.962    | 2432.9790 | 2470.9411 | PASS    |

## 11.2.2. Test Graphs

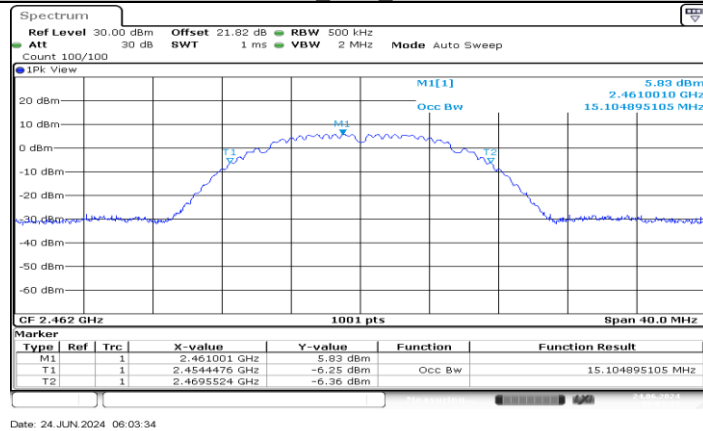




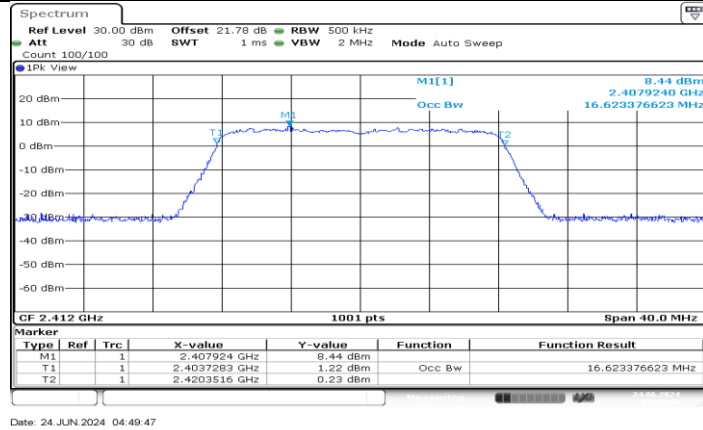
11B\_Ant2\_2437



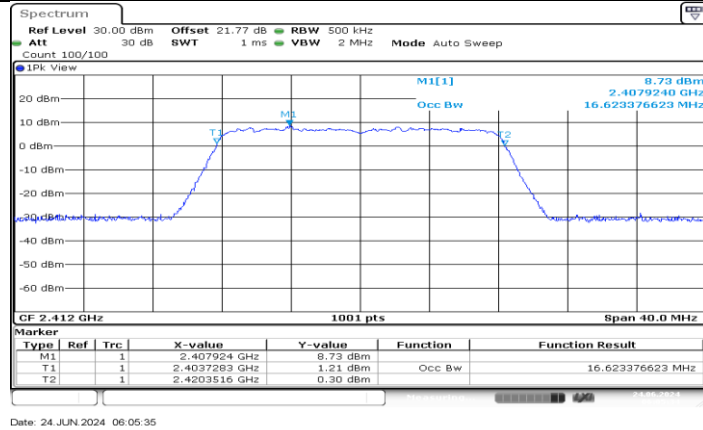
11B\_Ant1\_2462



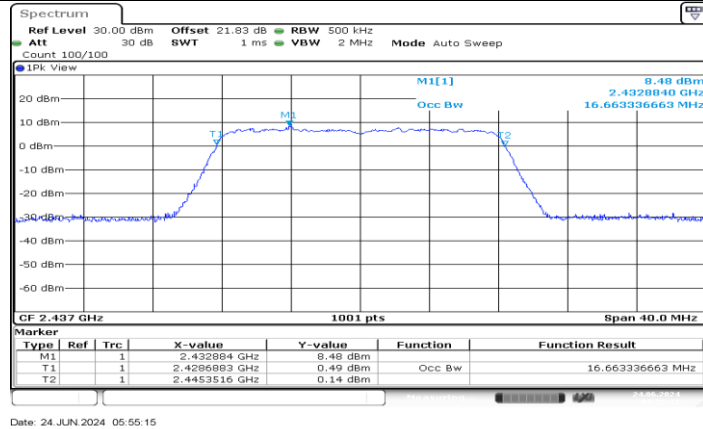
11B\_Ant2\_2462



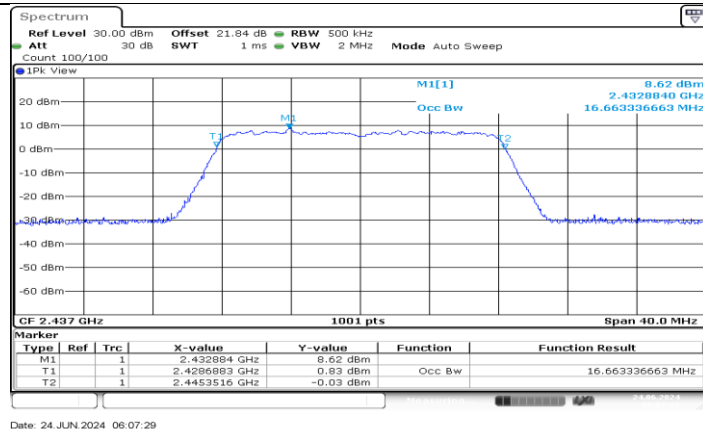
11G\_Ant1\_2412



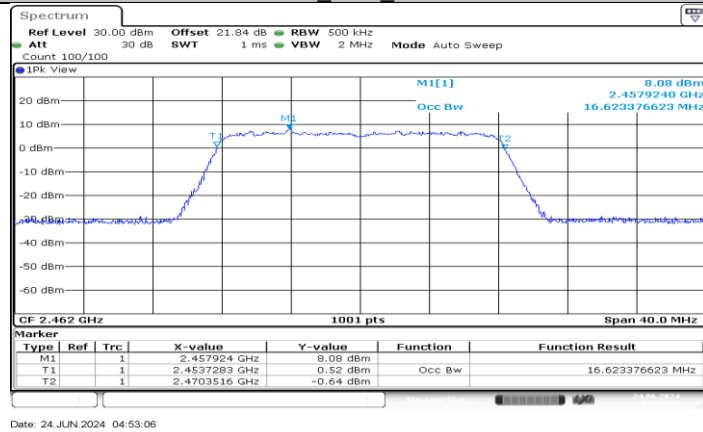
11G\_Ant2\_2412



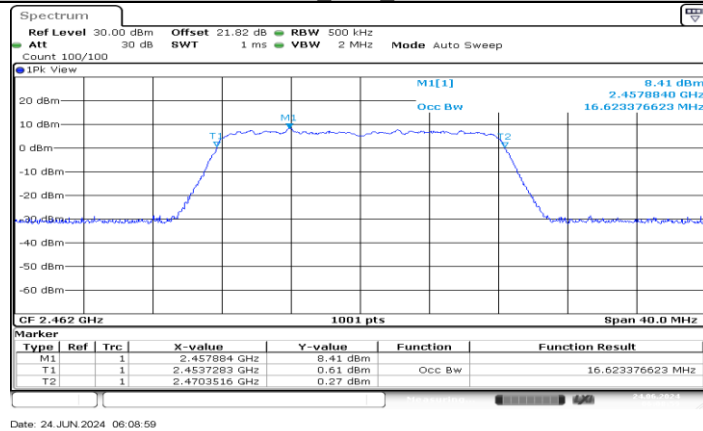
11G\_Ant1\_2437



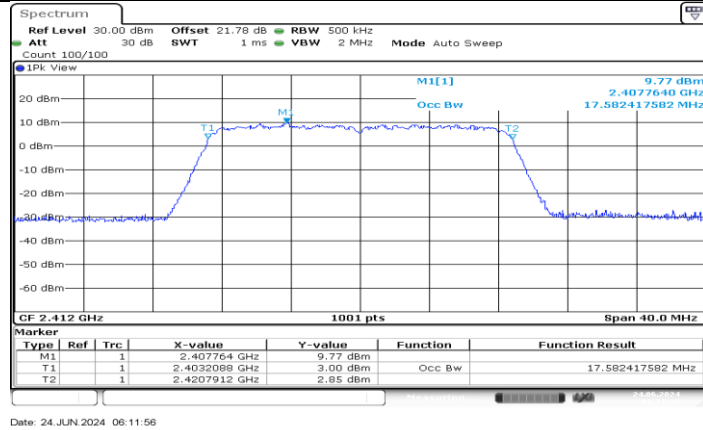
11G\_Ant2\_2437



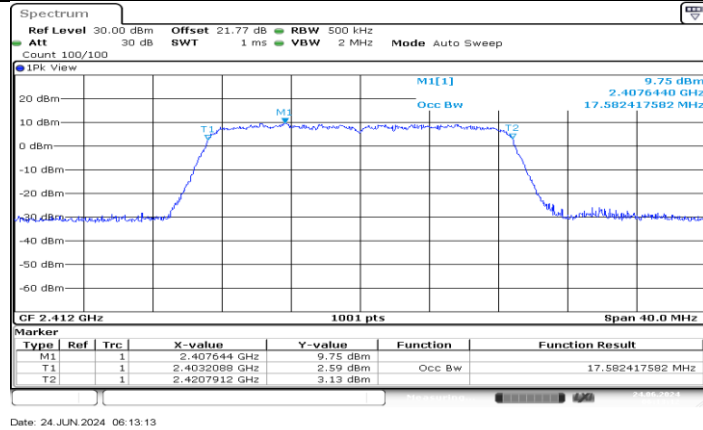
11G\_Ant1\_2462



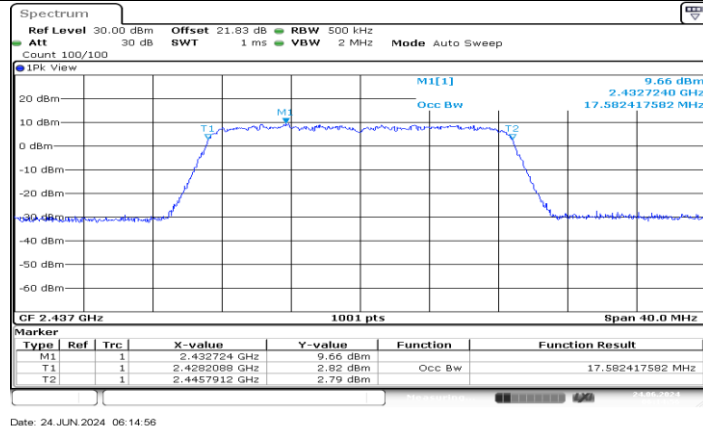
11G\_Ant2\_2462



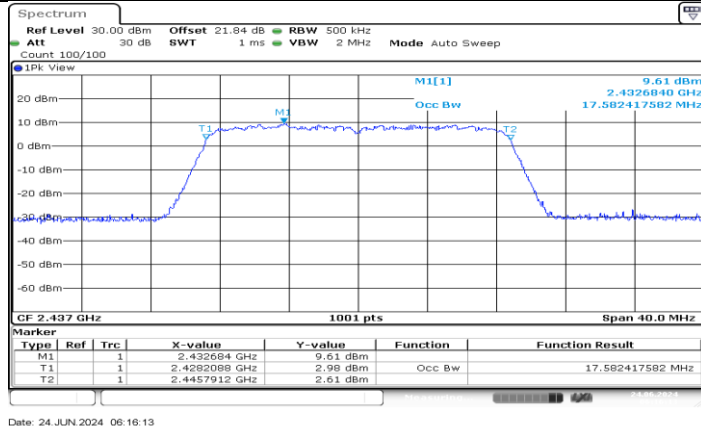
11N20MIMO Ant1 2412



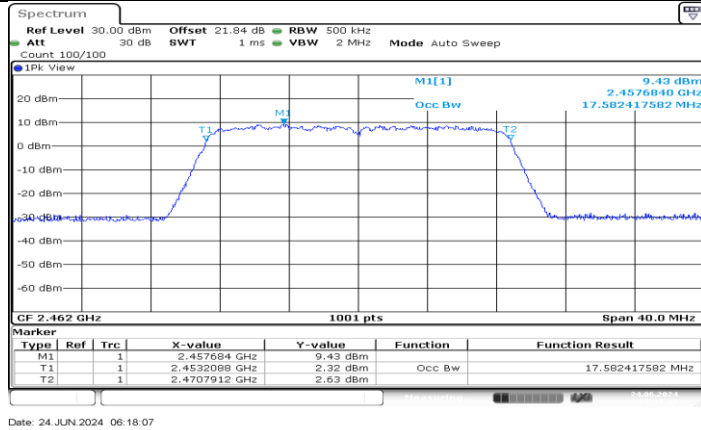
11N20MIMO Ant2 2412



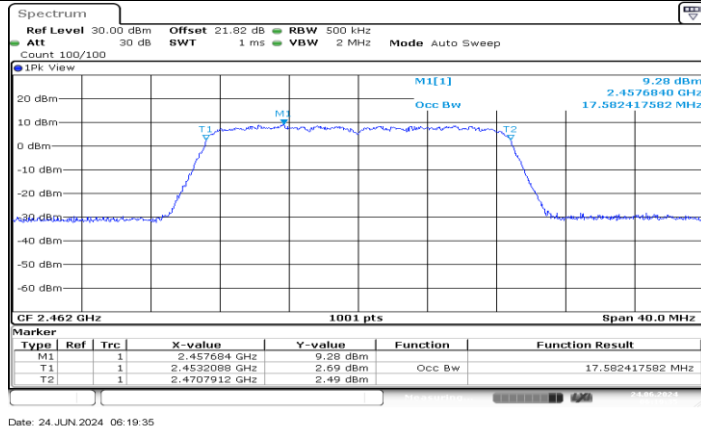
11N20MIMO Ant1 2437



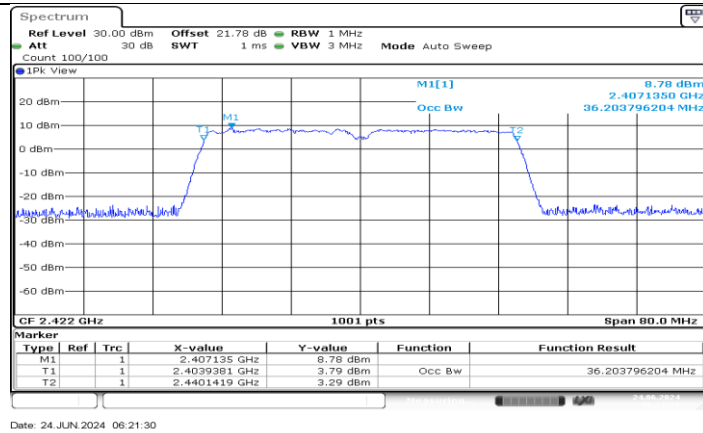
11N20MIMO Ant2\_2437



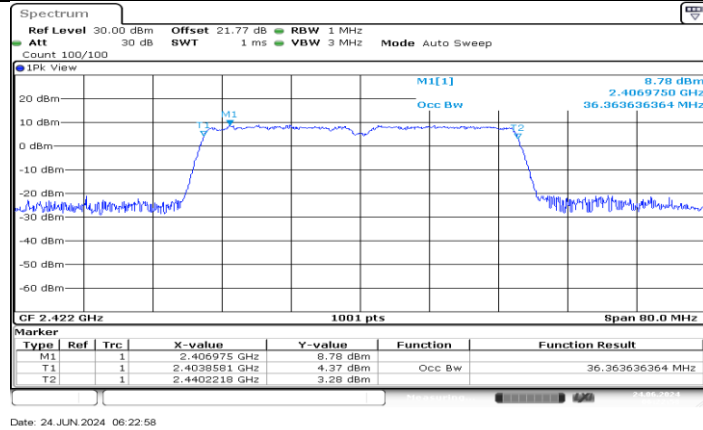
11N20MIMO Ant1\_2462



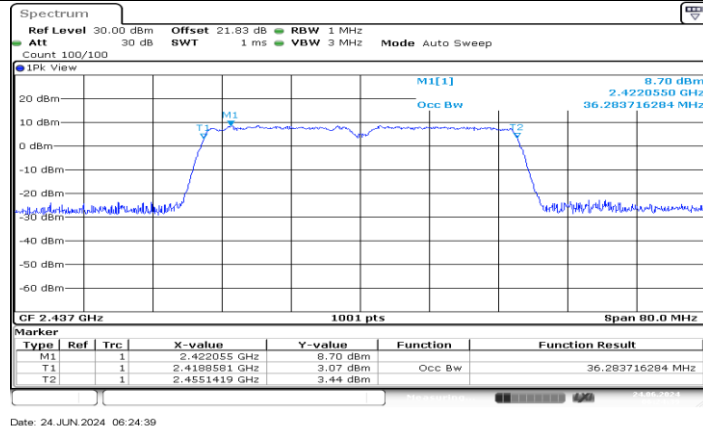
11N20MIMO Ant2\_2462



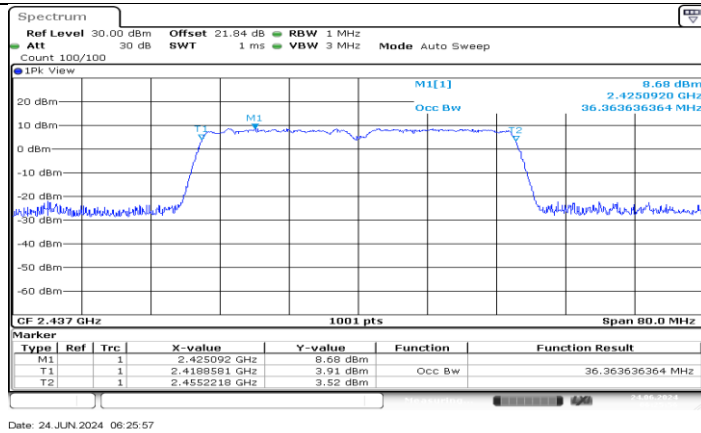
11N40MIMO Ant1 2422



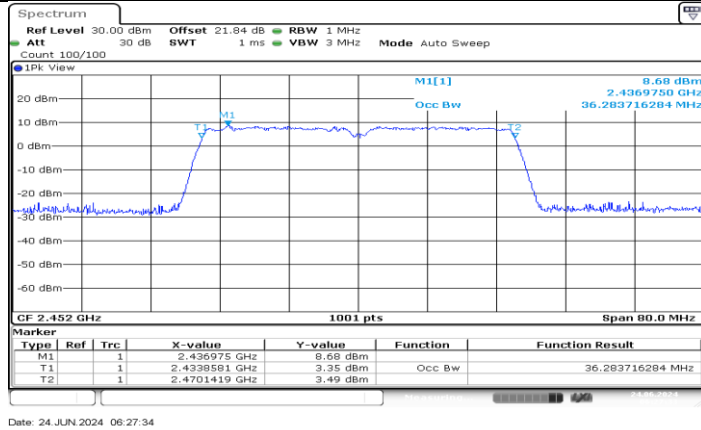
11N40MIMO Ant2 2422



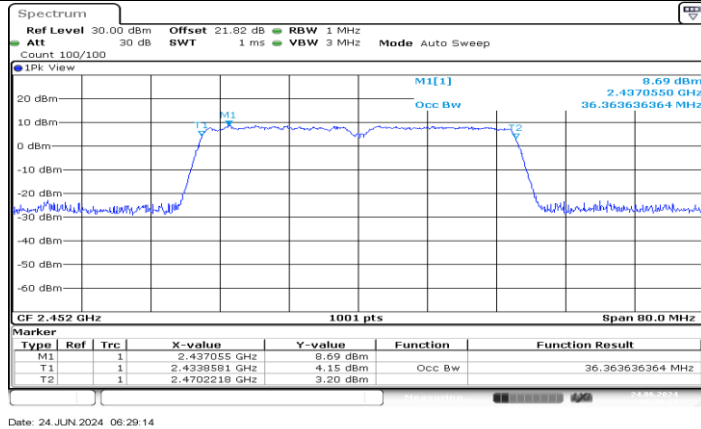
11N40MIMO Ant1 2437



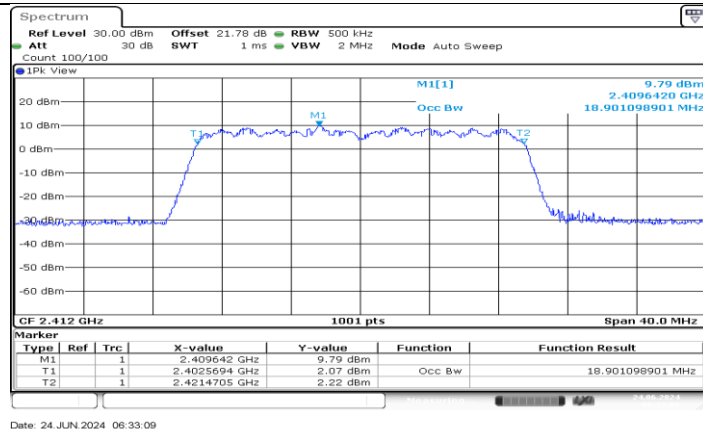
11N40MIMO Ant2 2437



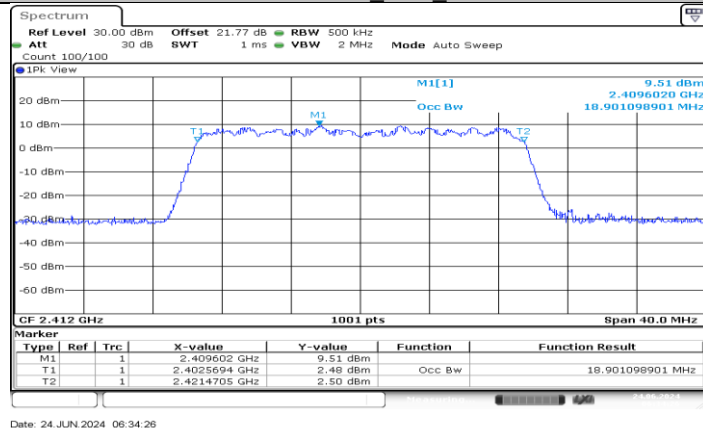
11N40MIMO Ant1 2452



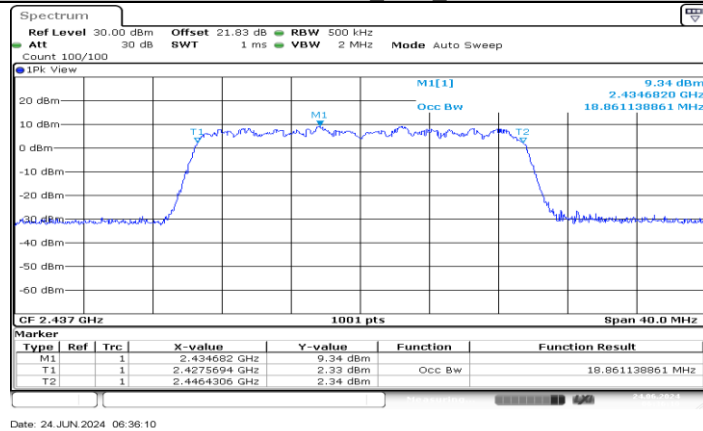
11N40MIMO Ant2 2452



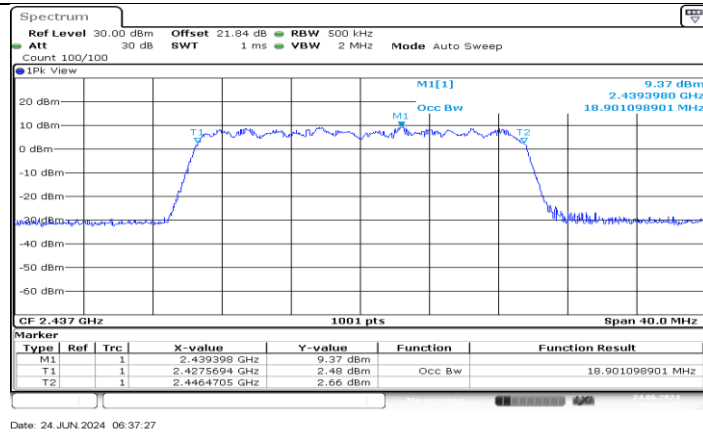
11AX20MIMO\_Ant1\_2412



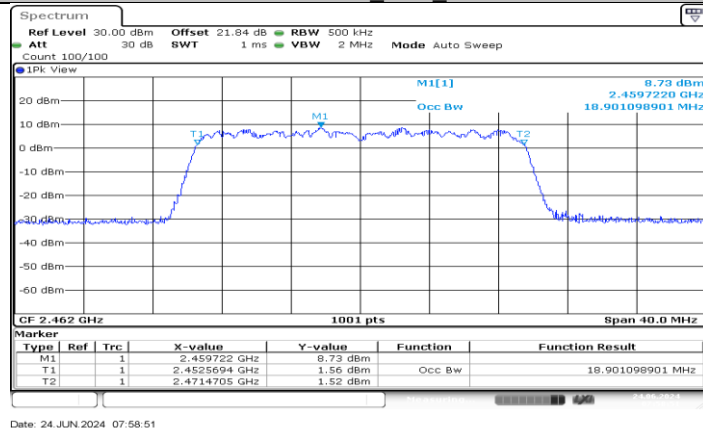
11AX20MIMO\_Ant2\_2412



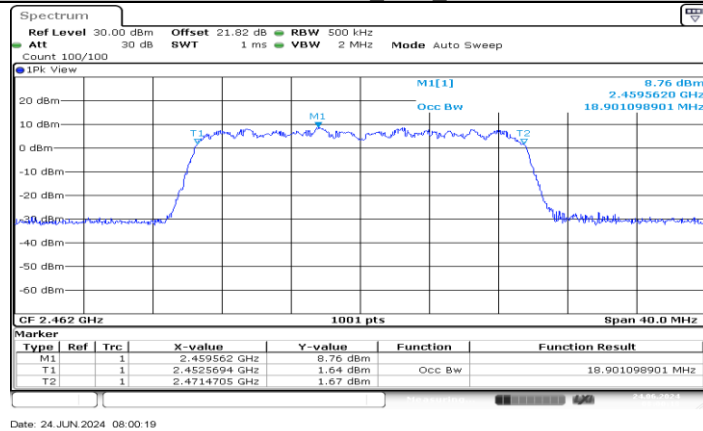
11AX20MIMO\_Ant1\_2437



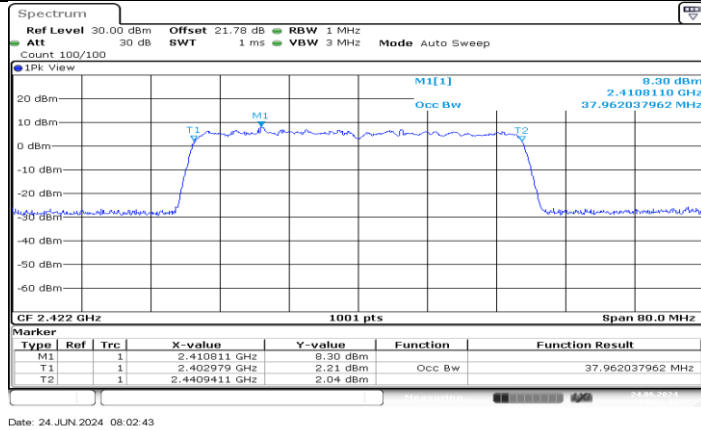
11AX20MIMO\_Ant2\_2437



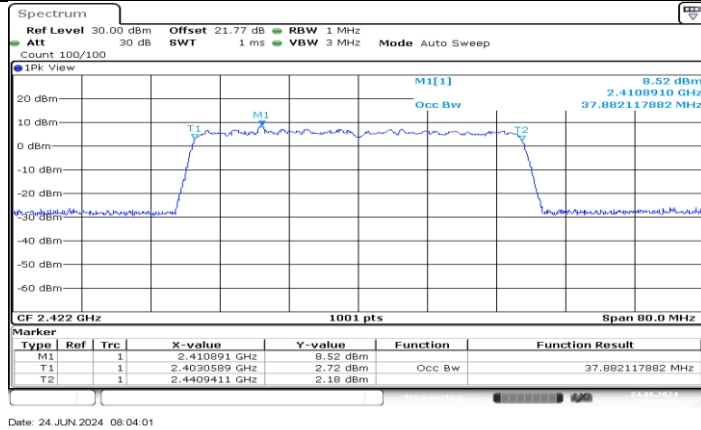
11AX20MIMO\_Ant1\_2462



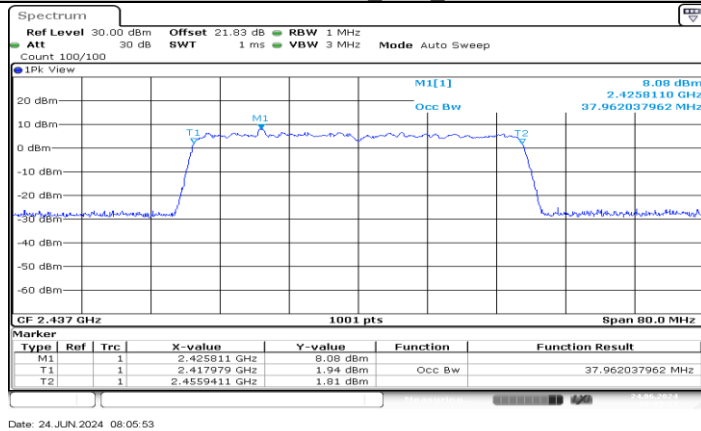
11AX20MIMO\_Ant2\_2462



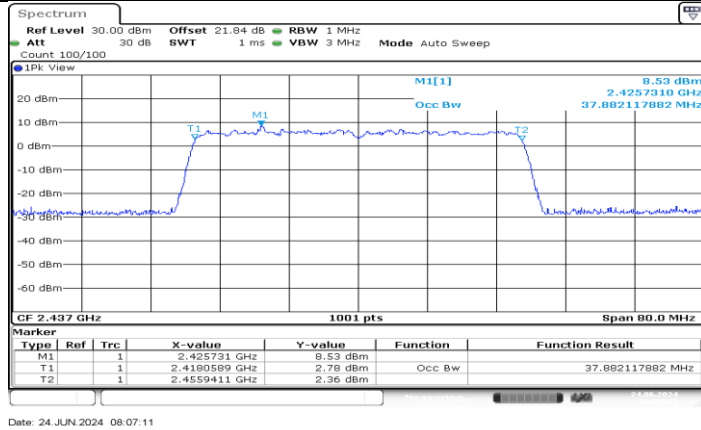
11AX40MIMO\_Ant1\_2422



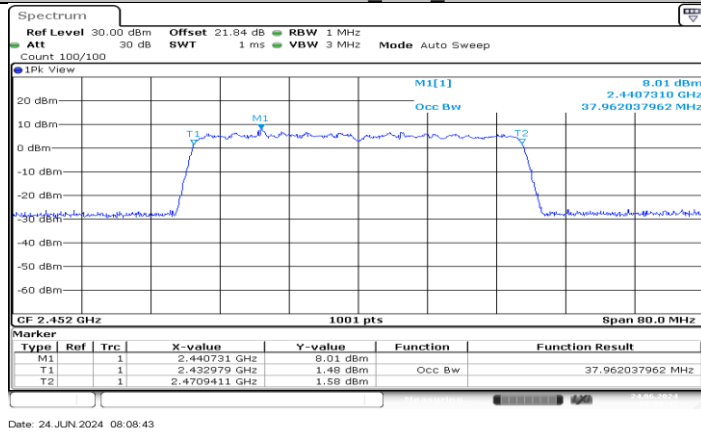
11AX40MIMO\_Ant2\_2422



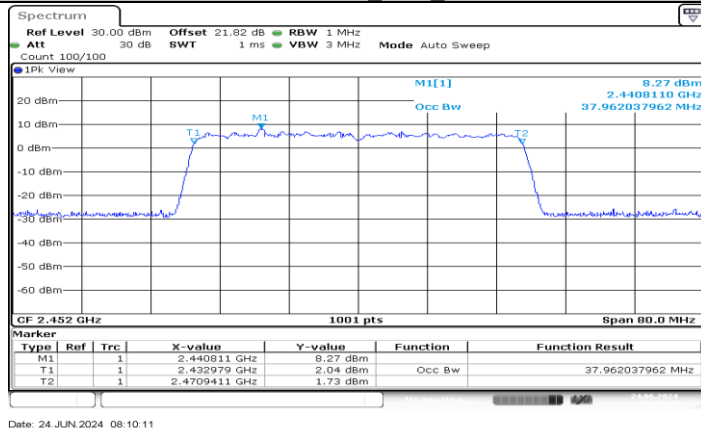
11AX40MIMO\_Ant1\_2437



11AX40MIMO\_Ant2\_2437



11AX40MIMO\_Ant1\_2452



11AX40MIMO\_Ant2\_2452

### 11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

#### 11.3.1. Test Result

| Test Mode  | Antenna | Frequency[MHz] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|----------------|-------------|------------|---------|
| 11B        | Ant1    | 2412           | 16.02       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 15.77       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 15.99       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 15.67       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 16.05       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 16.05       | ≤30.00     | PASS    |
| 11G        | Ant1    | 2412           | 15.86       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 15.38       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 15.13       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 15.64       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 15.48       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 15.26       | ≤30.00     | PASS    |
| 11N20MIMO  | Ant1    | 2412           | 15.53       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 15.68       | ≤30.00     | PASS    |
|            | total   | 2412           | 18.62       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 15.53       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 15.32       | ≤30.00     | PASS    |
|            | total   | 2437           | 18.44       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 15.14       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 15.17       | ≤30.00     | PASS    |
| 11N40MIMO  | Ant1    | 2422           | 13.32       | ≤30.00     | PASS    |
|            | Ant2    | 2422           | 13.18       | ≤30.00     | PASS    |
|            | total   | 2422           | 16.26       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 14.68       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 14.98       | ≤30.00     | PASS    |
|            | total   | 2437           | 17.84       | ≤30.00     | PASS    |
|            | Ant1    | 2452           | 14.87       | ≤30.00     | PASS    |
|            | Ant2    | 2452           | 14.23       | ≤30.00     | PASS    |
| 11AX20MIMO | Ant1    | 2412           | 13.77       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 13.63       | ≤30.00     | PASS    |
|            | total   | 2412           | 16.71       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 13.06       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 13.20       | ≤30.00     | PASS    |
|            | total   | 2437           | 16.14       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 12.81       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 13.24       | ≤30.00     | PASS    |
| 11AX40MIMO | Ant1    | 2422           | 13.27       | ≤30.00     | PASS    |
|            | Ant2    | 2422           | 13.70       | ≤30.00     | PASS    |
|            | total   | 2422           | 16.50       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 13.27       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 13.41       | ≤30.00     | PASS    |
|            | total   | 2437           | 16.35       | ≤30.00     | PASS    |
|            | Ant1    | 2452           | 12.75       | ≤30.00     | PASS    |
|            | Ant2    | 2452           | 13.32       | ≤30.00     | PASS    |
|            | total   | 2452           | 16.05       | ≤30.00     | PASS    |

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

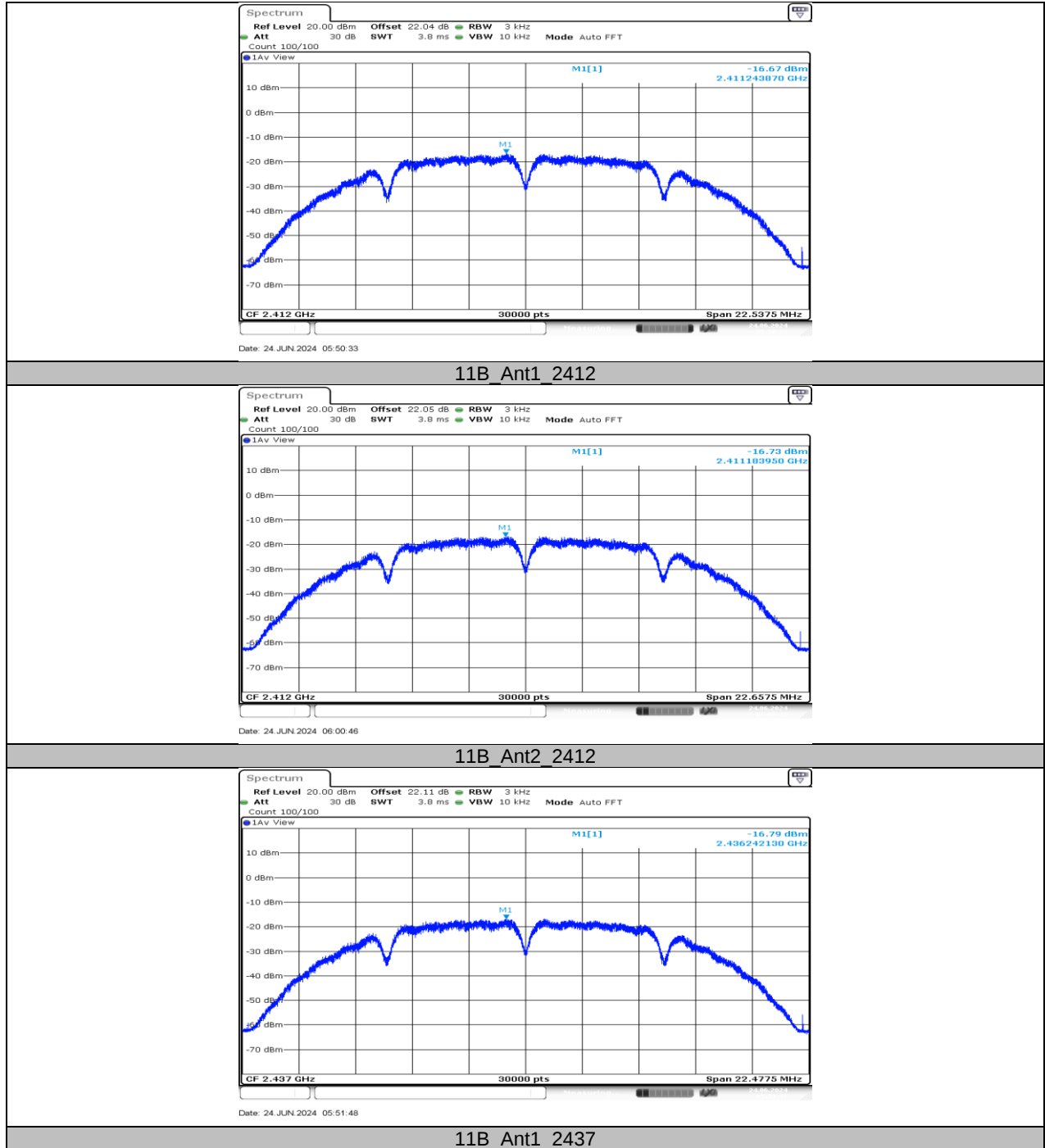
## 11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

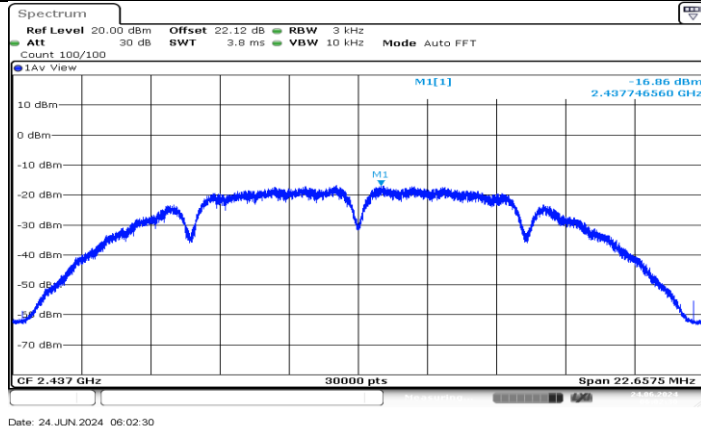
### 11.4.1. Test Result

| Test Mode  | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|------------|---------|----------------|------------------|-----------------|---------|
| 11B        | Ant1    | 2412           | -16.67           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -16.73           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -16.79           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -16.86           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -16.83           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -16.64           | ≤8.00           | PASS    |
| 11G        | Ant1    | 2412           | -16.68           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -16.95           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -17.49           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -16.98           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -17.48           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -17.25           | ≤8.00           | PASS    |
| 11N20MIMO  | Ant1    | 2412           | -17.61           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -18.01           | ≤8.00           | PASS    |
|            | total   | 2412           | -14.80           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -18.18           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -18.42           | ≤8.00           | PASS    |
|            | total   | 2437           | -15.29           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -17.87           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -18.46           | ≤8.00           | PASS    |
| 11N40MIMO  | Ant1    | 2422           | -21.95           | ≤8.00           | PASS    |
|            | Ant2    | 2422           | -21.92           | ≤8.00           | PASS    |
|            | total   | 2422           | -18.92           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -19.84           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -19.64           | ≤8.00           | PASS    |
|            | total   | 2437           | -16.73           | ≤8.00           | PASS    |
|            | Ant1    | 2452           | -20.33           | ≤8.00           | PASS    |
|            | Ant2    | 2452           | -20.07           | ≤8.00           | PASS    |
| 11AX20MIMO | Ant1    | 2412           | -19.35           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -19.06           | ≤8.00           | PASS    |
|            | total   | 2412           | -16.19           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -19.50           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -19.67           | ≤8.00           | PASS    |
|            | total   | 2437           | -16.57           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -19.98           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -20.08           | ≤8.00           | PASS    |
| 11AX40MIMO | Ant1    | 2422           | -20.94           | ≤8.00           | PASS    |
|            | Ant2    | 2422           | -20.22           | ≤8.00           | PASS    |
|            | total   | 2422           | -17.55           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -20.77           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -20.47           | ≤8.00           | PASS    |
|            | total   | 2437           | -17.61           | ≤8.00           | PASS    |
|            | Ant1    | 2452           | -21.29           | ≤8.00           | PASS    |
|            | Ant2    | 2452           | -20.81           | ≤8.00           | PASS    |
|            | total   | 2452           | -18.03           | ≤8.00           | PASS    |

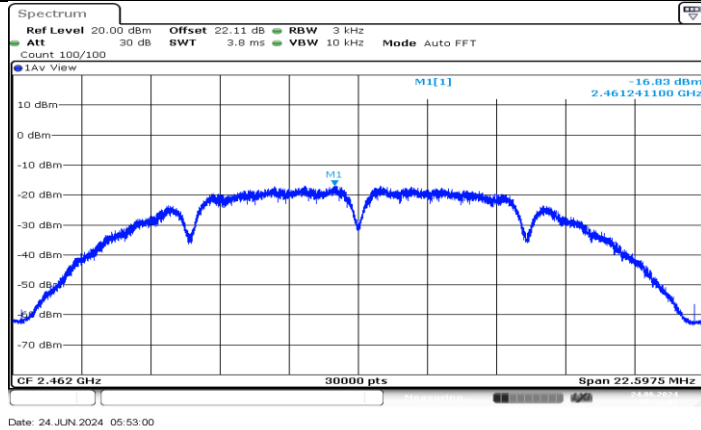
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

## 11.4.2. Test Graphs

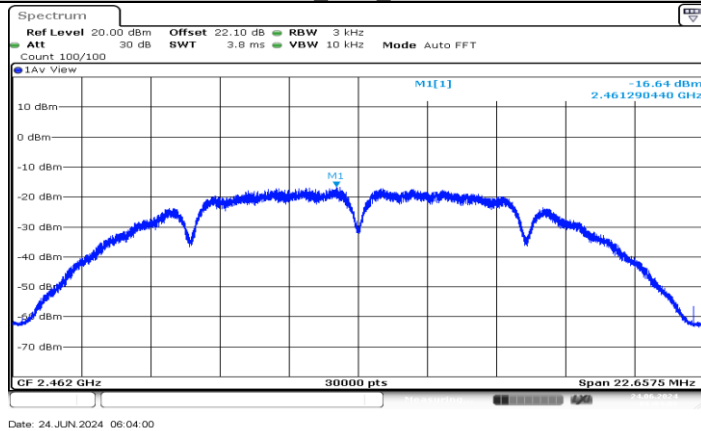




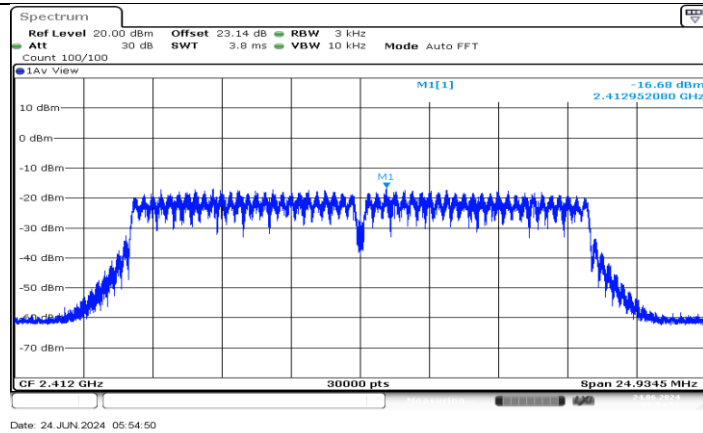
11B\_Ant2\_2437



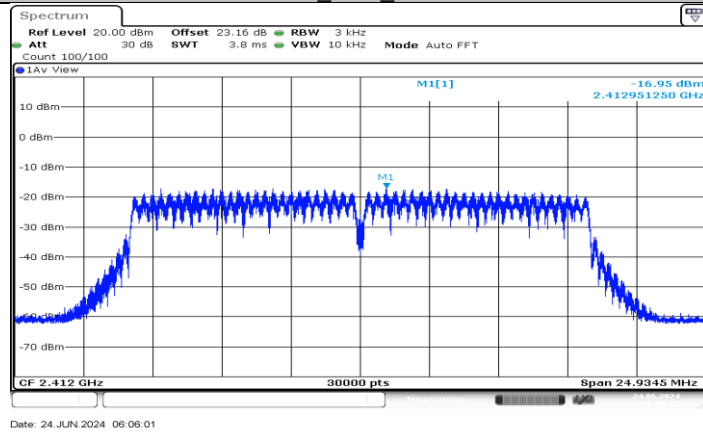
11B\_Ant1\_2462



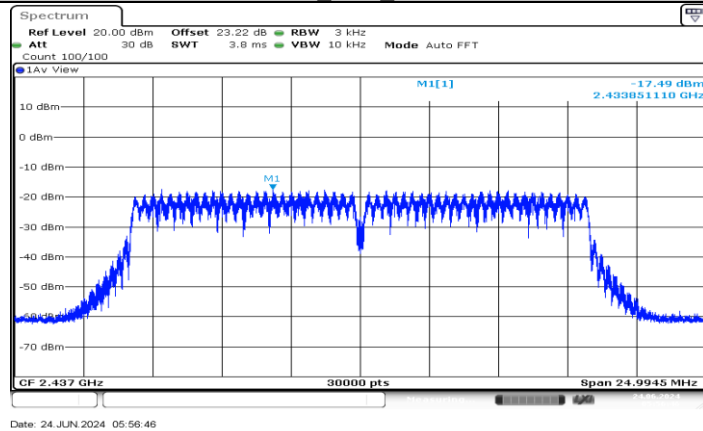
11B\_Ant2\_2462



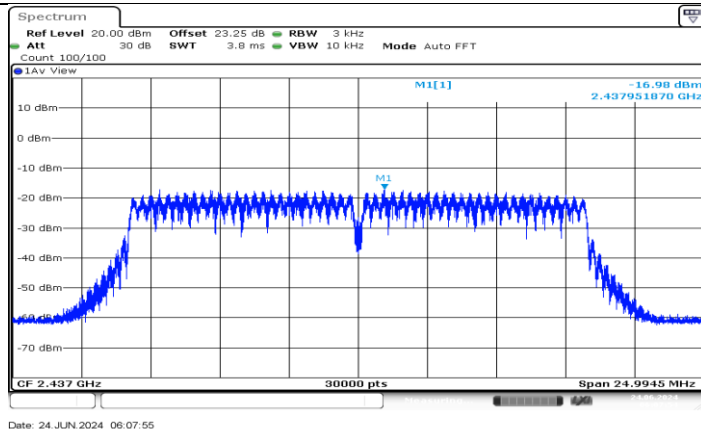
11G\_Ant1\_2412



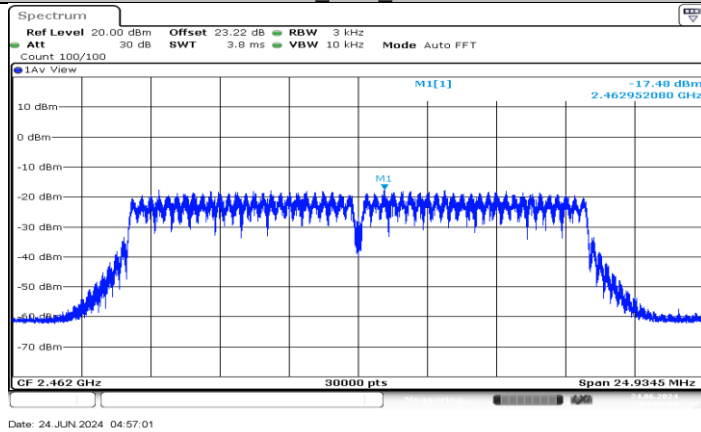
11G\_Ant2\_2412



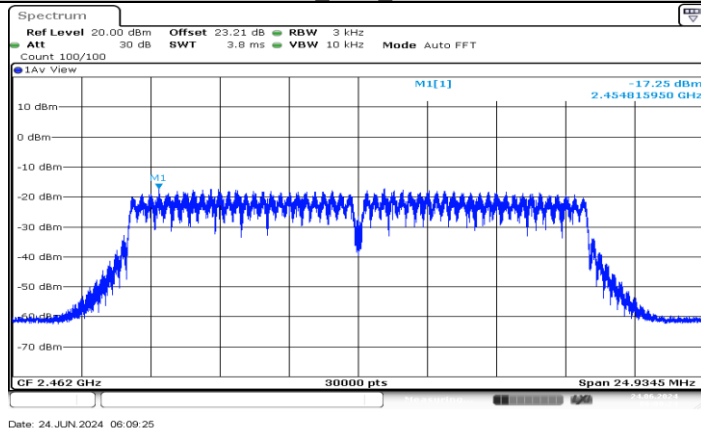
11G\_Ant1\_2437



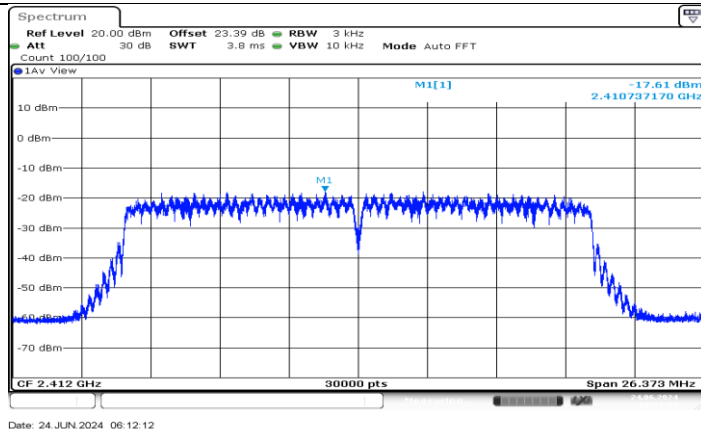
11G\_Ant2\_2437



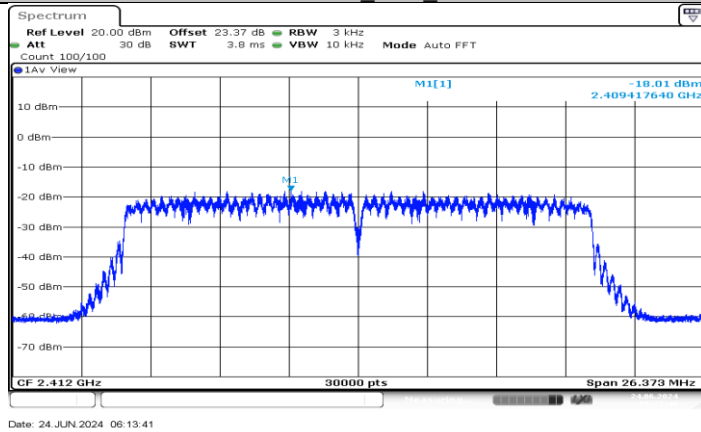
11G\_Ant1\_2462



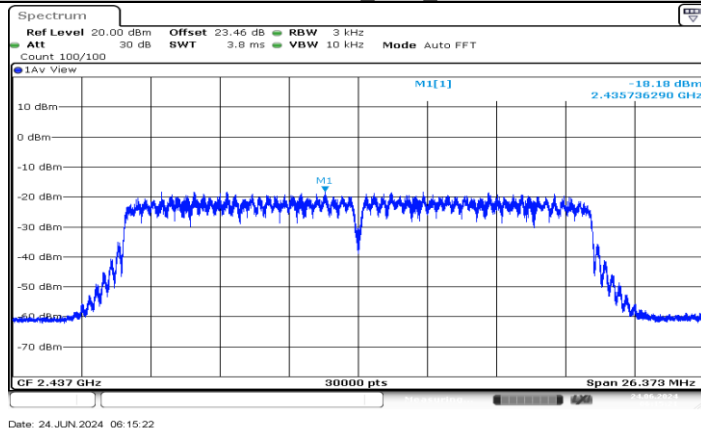
11G\_Ant2\_2462



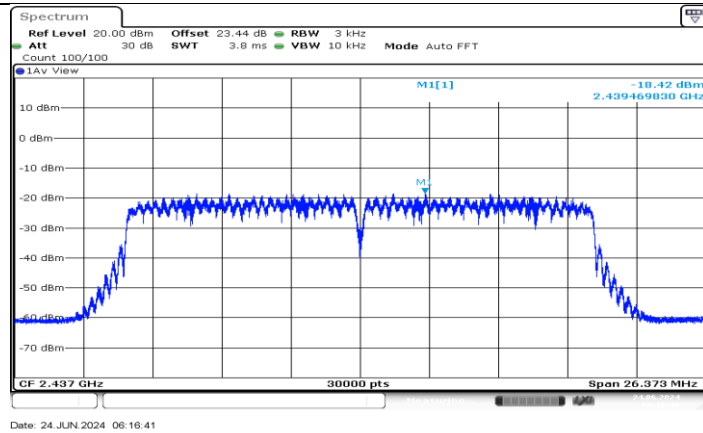
11N20MIMO Ant1 2412



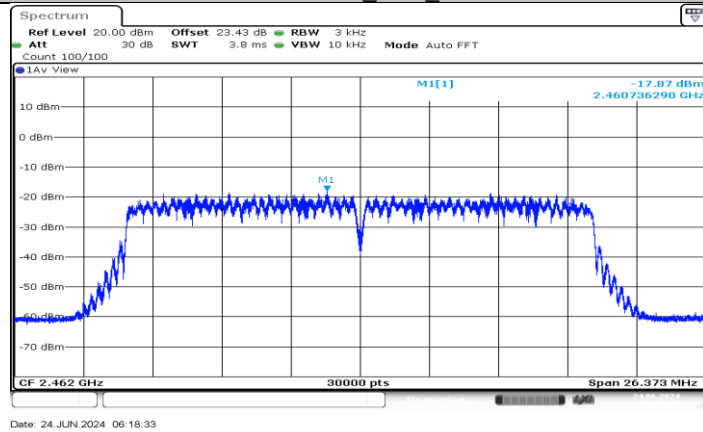
11N20MIMO Ant2 2412



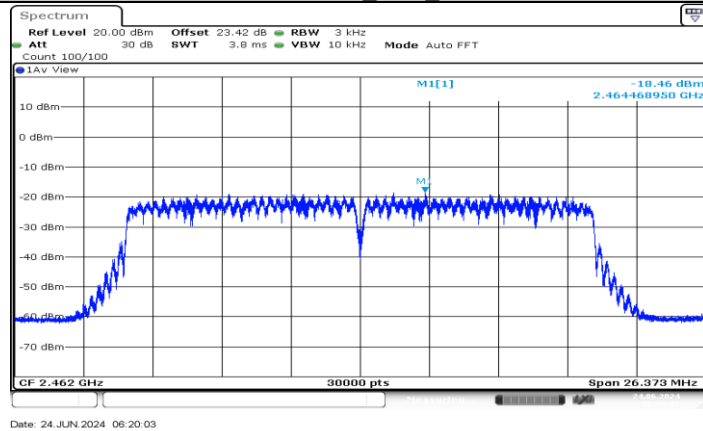
11N20MIMO Ant1 2437



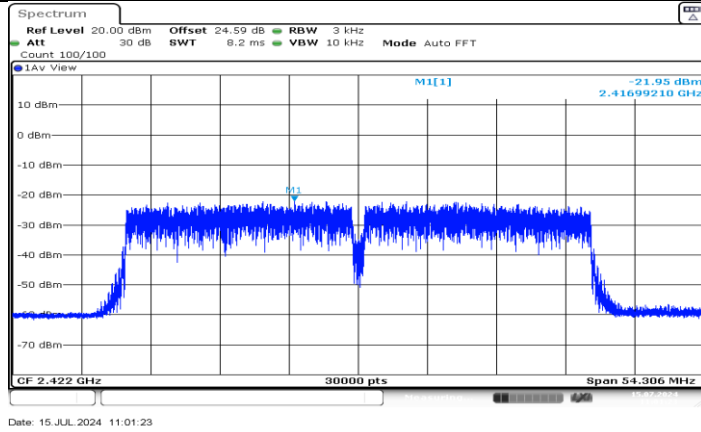
11N20MIMO\_Ant2\_2437



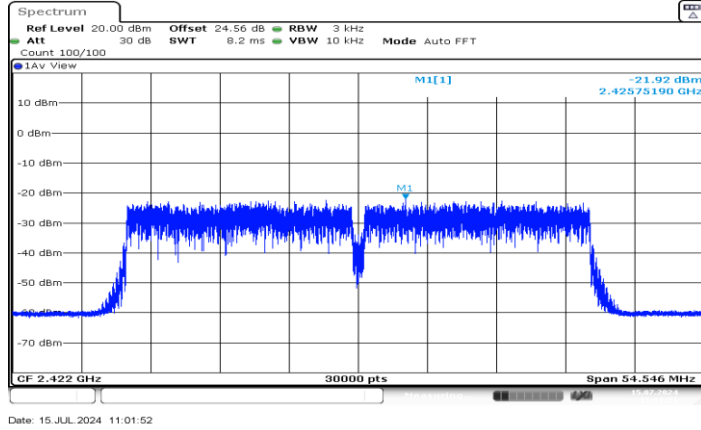
11N20MIMO\_Ant1\_2462



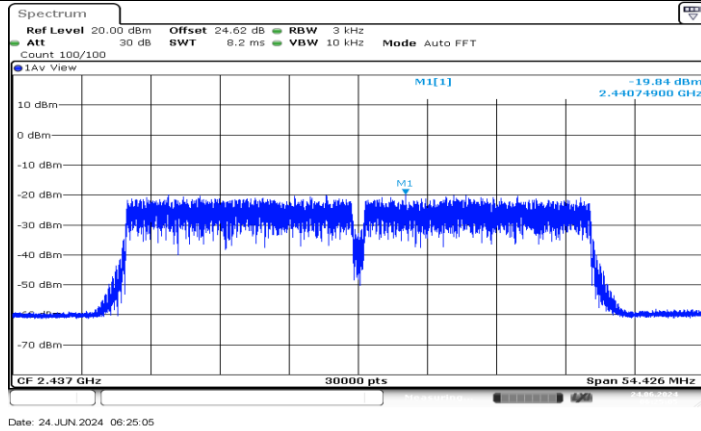
11N20MIMO\_Ant2\_2462



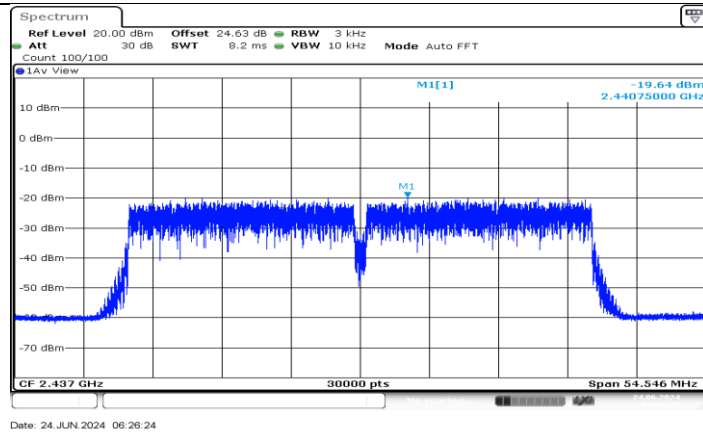
11N40MIMO Ant1\_2422



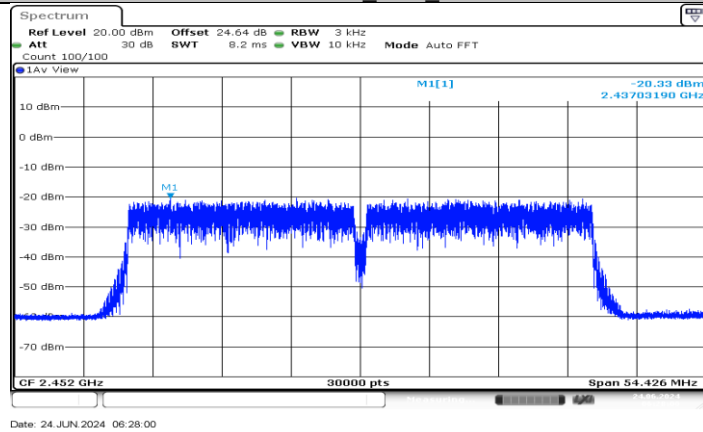
11N40MIMO Ant2\_2422



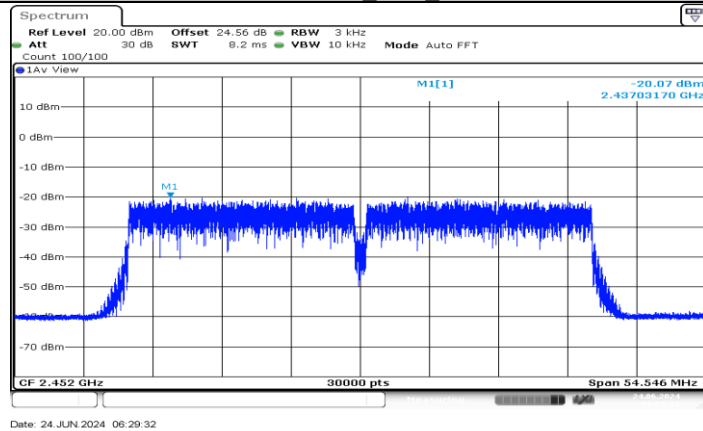
11N40MIMO Ant1\_2437



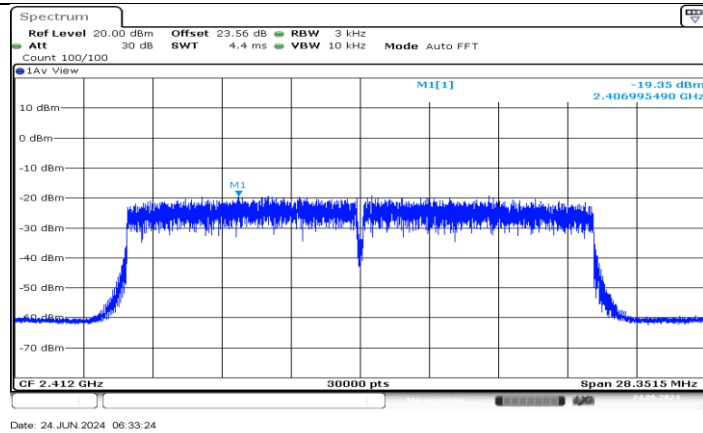
11N40MIMO\_Ant2\_2437



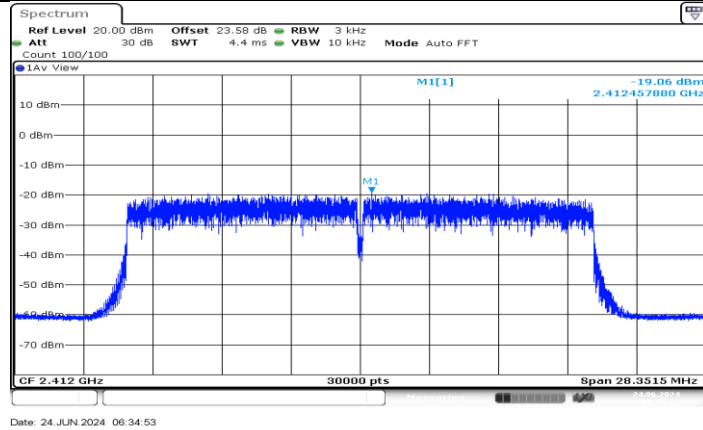
11N40MIMO\_Ant1\_2452



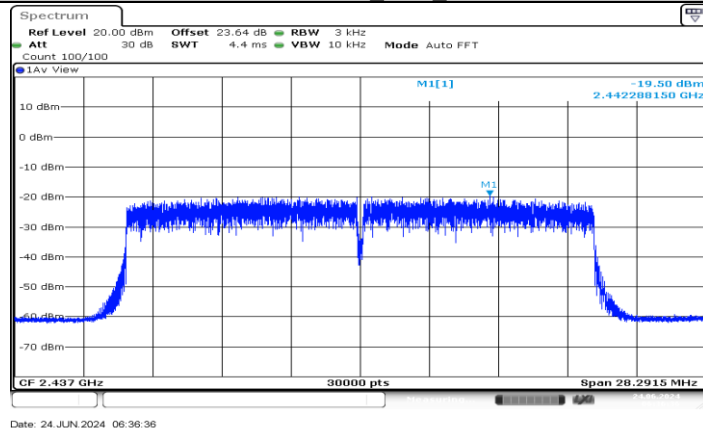
11N40MIMO\_Ant2\_2452



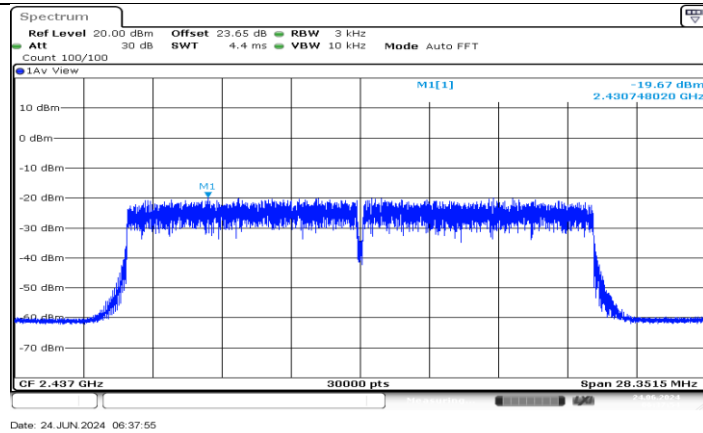
11AX20MIMO\_Ant1\_2412



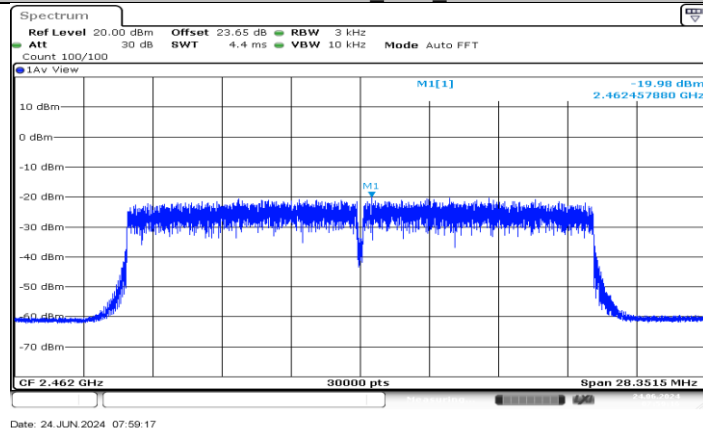
11AX20MIMO\_Ant2\_2412



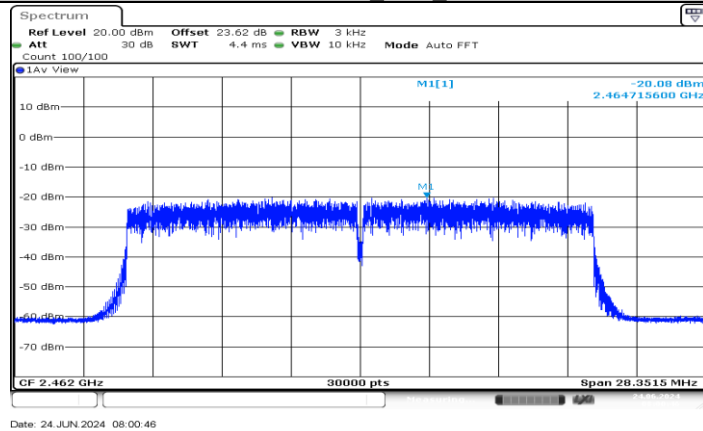
11AX20MIMO\_Ant1\_2437



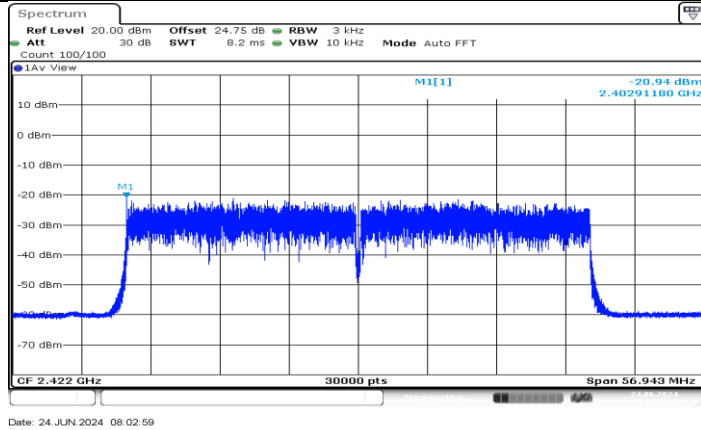
11AX20MIMO\_Ant2\_2437



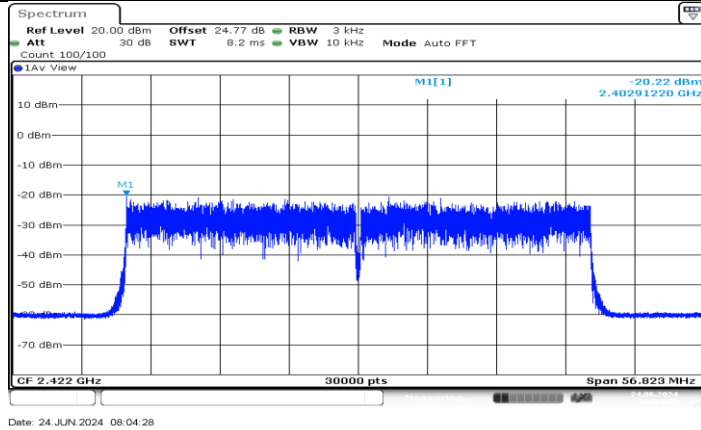
11AX20MIMO\_Ant1\_2462



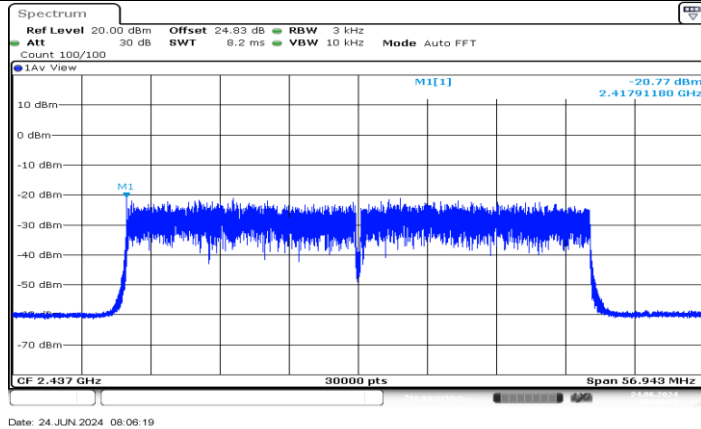
11AX20MIMO\_Ant2\_2462



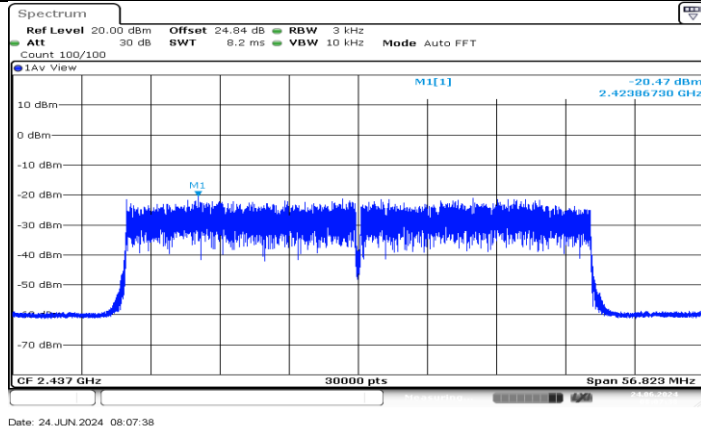
11AX40MIMO\_Ant1\_2422



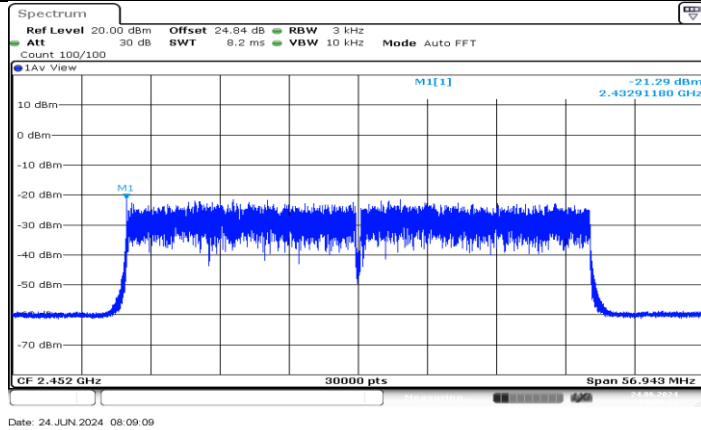
11AX40MIMO\_Ant2\_2422



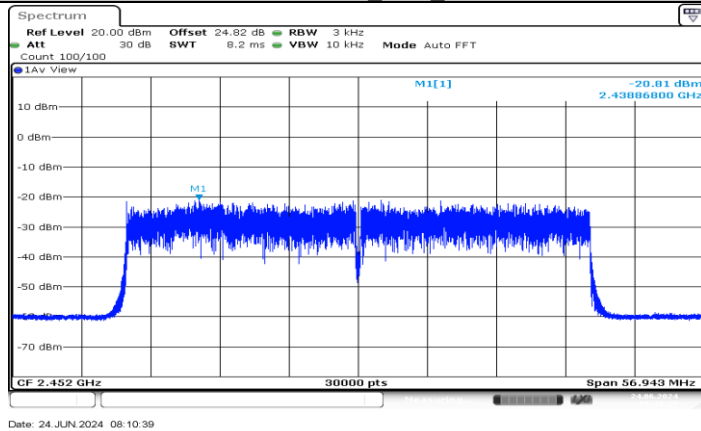
11AX40MIMO\_Ant1\_2437



11AX40MIMO\_Ant2\_2437



11AX40MIMO\_Ant1\_2452



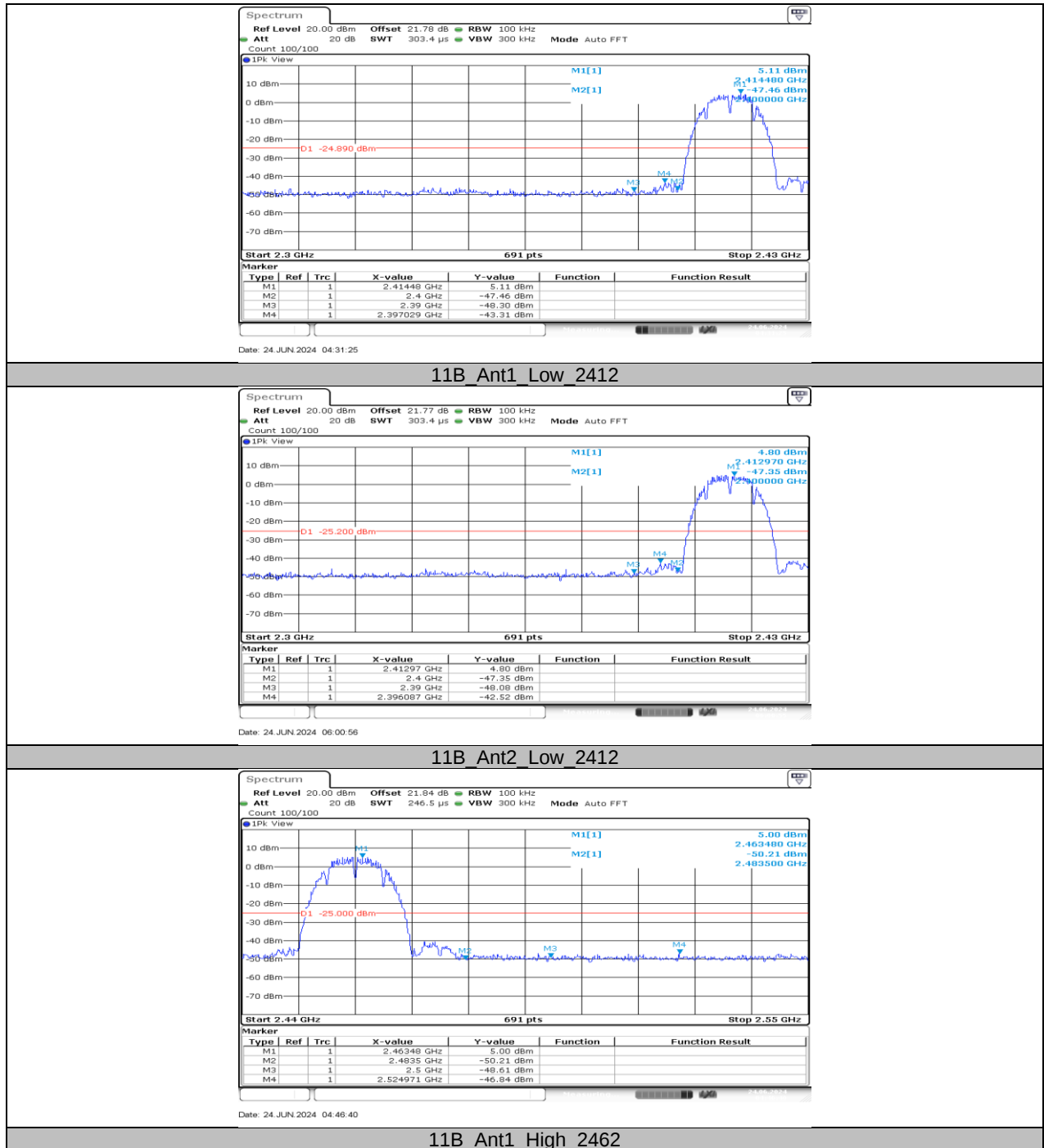
11AX40MIMO\_Ant2\_2452

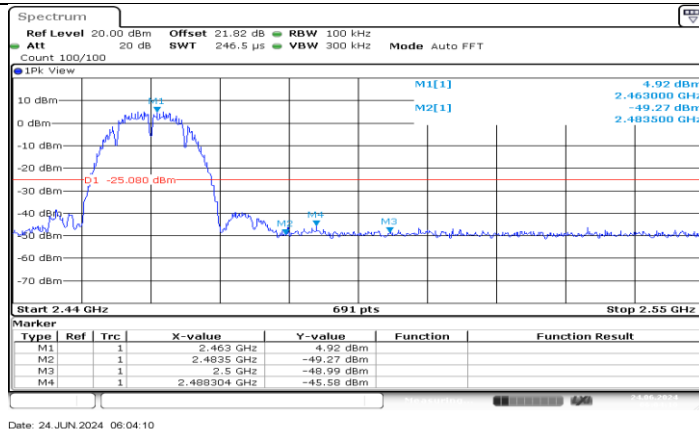
## 11.5. APPENDIX E: BAND EDGE MEASUREMENTS

### 11.5.1. Test Result

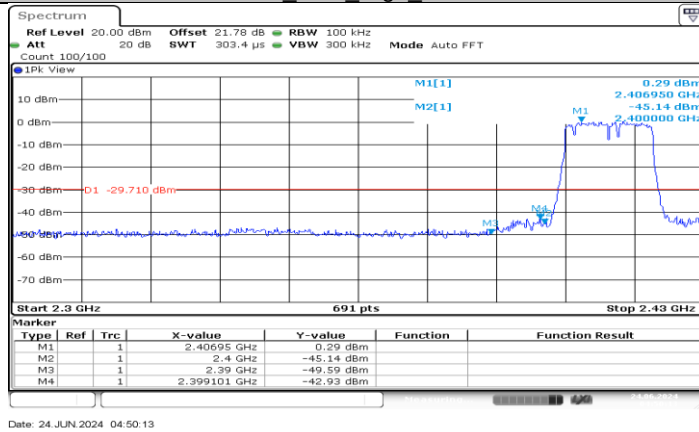
| Test Mode  | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------------|----------------|-------------|------------|---------|
| 11B        | Ant1    | Low    | 2412            | 5.11           | -43.31      | ≤-24.89    | PASS    |
|            | Ant2    | Low    | 2412            | 4.80           | -42.52      | ≤-25.2     | PASS    |
|            | Ant1    | High   | 2462            | 5.00           | -46.84      | ≤-25       | PASS    |
|            | Ant2    | High   | 2462            | 4.92           | -45.58      | ≤-25.08    | PASS    |
| 11G        | Ant1    | Low    | 2412            | 0.29           | -42.93      | ≤-29.71    | PASS    |
|            | Ant2    | Low    | 2412            | 3.36           | -42.84      | ≤-26.64    | PASS    |
|            | Ant1    | High   | 2462            | 2.96           | -45.79      | ≤-27.04    | PASS    |
|            | Ant2    | High   | 2462            | 1.83           | -46.27      | ≤-28.17    | PASS    |
| 11N20MIMO  | Ant1    | Low    | 2412            | 2.21           | -43.38      | ≤-27.79    | PASS    |
|            | Ant2    | Low    | 2412            | 3.77           | -43.8       | ≤-26.23    | PASS    |
|            | Ant1    | High   | 2462            | 3.27           | -45.03      | ≤-26.73    | PASS    |
|            | Ant2    | High   | 2462            | 2.80           | -45.1       | ≤-27.2     | PASS    |
| 11N40MIMO  | Ant1    | Low    | 2422            | 0.45           | -43.36      | ≤-29.55    | PASS    |
|            | Ant2    | Low    | 2422            | 0.46           | -39.54      | ≤-29.54    | PASS    |
|            | Ant1    | High   | 2452            | 0.11           | -39.31      | ≤-29.89    | PASS    |
|            | Ant2    | High   | 2452            | 0.23           | -38.86      | ≤-29.77    | PASS    |
| 11AX20MIMO | Ant1    | Low    | 2412            | 1.38           | -45.07      | ≤-28.62    | PASS    |
|            | Ant2    | Low    | 2412            | 1.18           | -44.88      | ≤-28.82    | PASS    |
|            | Ant1    | High   | 2462            | 0.69           | -44.78      | ≤-29.31    | PASS    |
|            | Ant2    | High   | 2462            | -0.34          | -46.27      | ≤-30.34    | PASS    |
| 11AX40MIMO | Ant1    | Low    | 2422            | -2.48          | -45.83      | ≤-32.48    | PASS    |
|            | Ant2    | Low    | 2422            | -1.80          | -44.01      | ≤-31.8     | PASS    |
|            | Ant1    | High   | 2452            | -2.37          | -42.76      | ≤-32.37    | PASS    |
|            | Ant2    | High   | 2452            | -1.96          | -42.44      | ≤-31.96    | PASS    |

## 11.5.2. Test Graphs

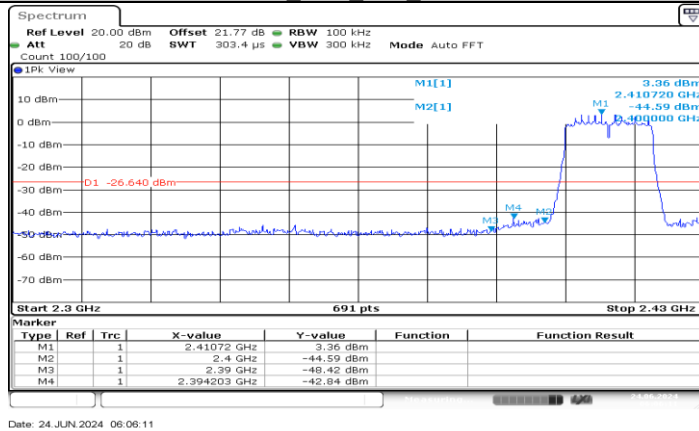




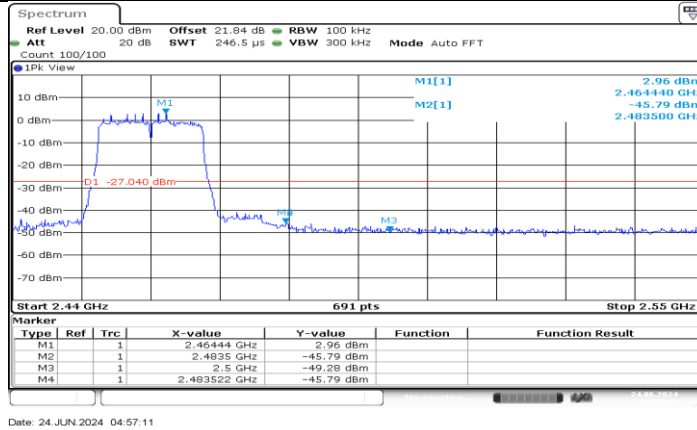
11B Ant2 High 2462



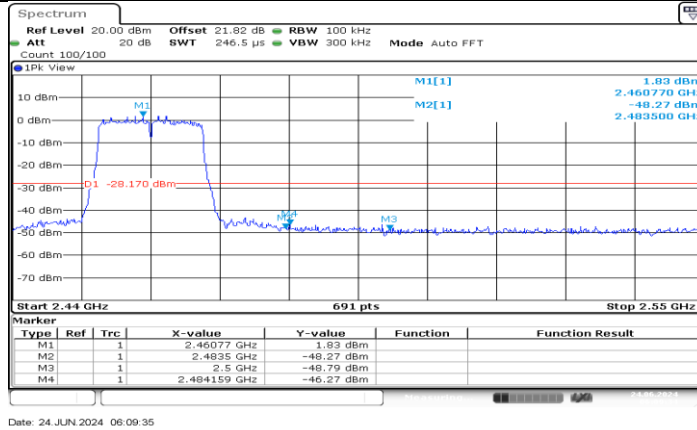
11G Ant1 Low 2412



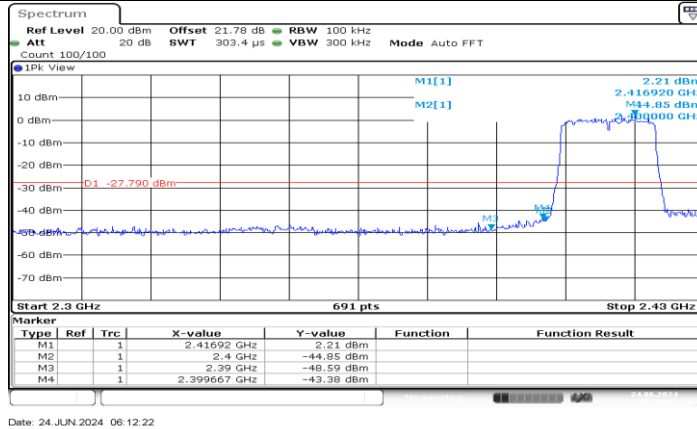
11G Ant2 Low 2412



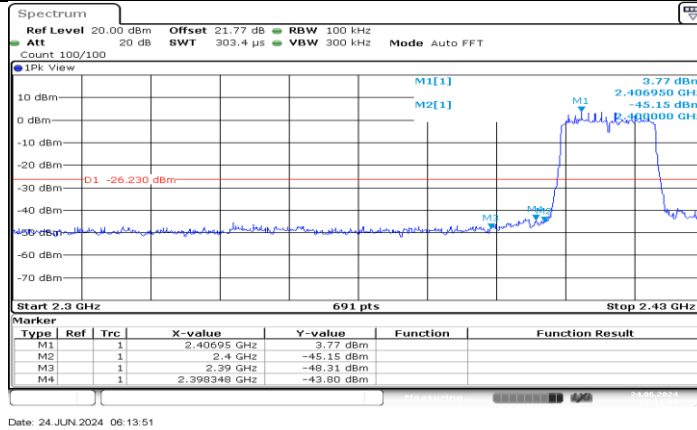
11G\_Ant1\_High\_2462



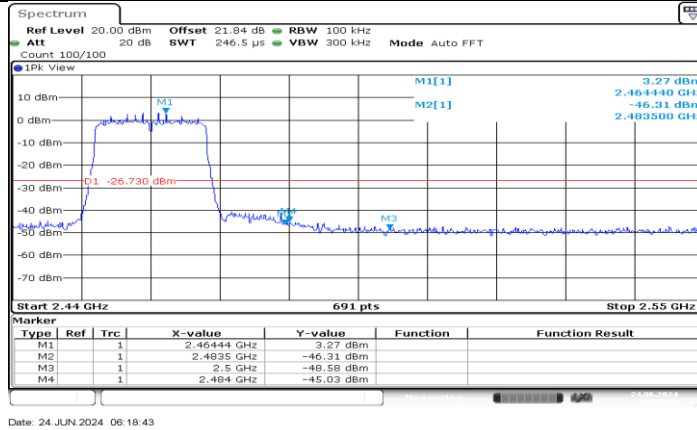
11G\_Ant2\_High\_2462



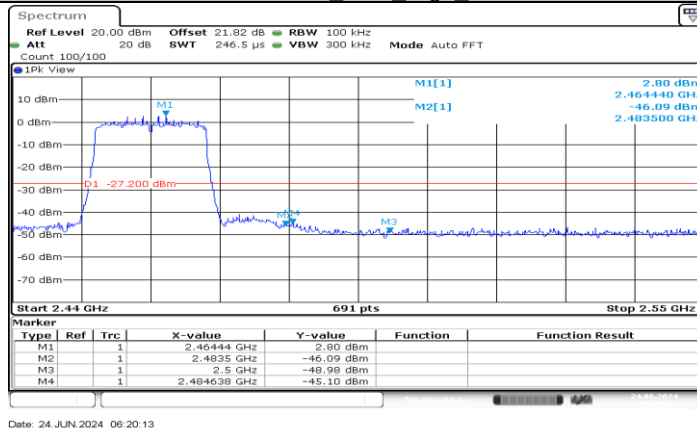
11N20MIMO\_Ant1\_Low\_2412



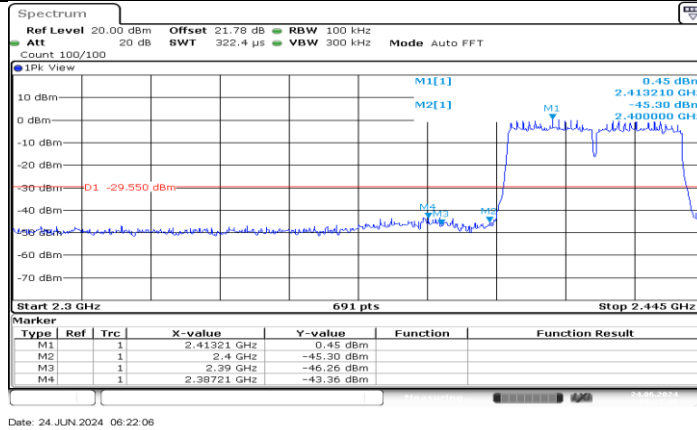
11N20MIMO\_Ant2\_Low\_2412



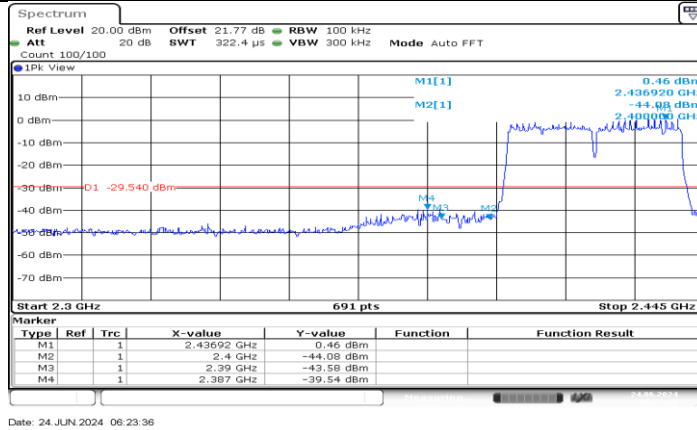
11N20MIMO\_Ant1\_High\_2462



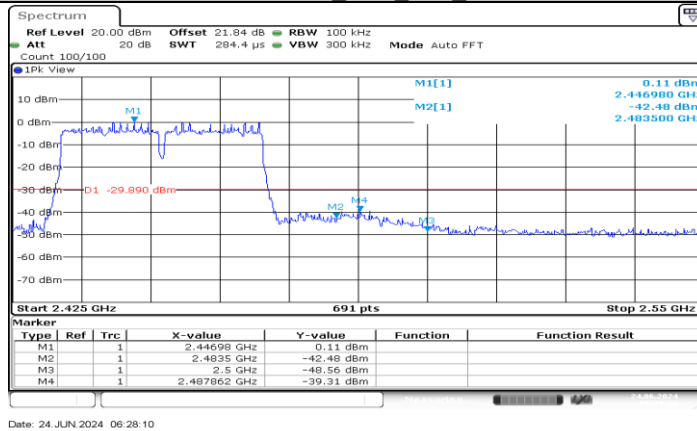
11N20MIMO\_Ant2\_High\_2462



11N40MIMO\_Ant1\_Low\_2422



11N40MIMO\_Ant2\_Low\_2422



11N40MIMO\_Ant1\_High\_2452