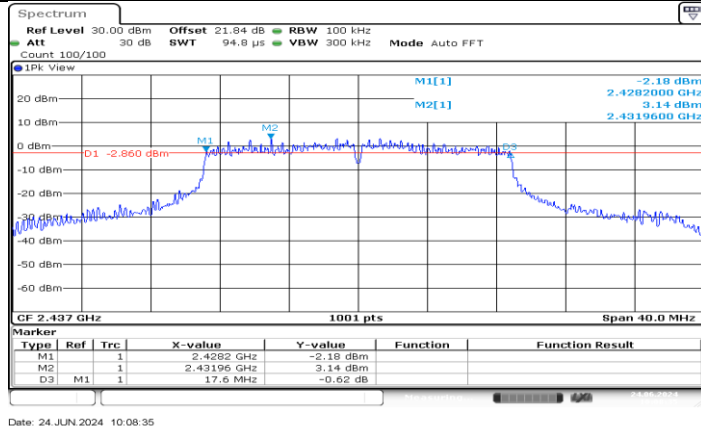
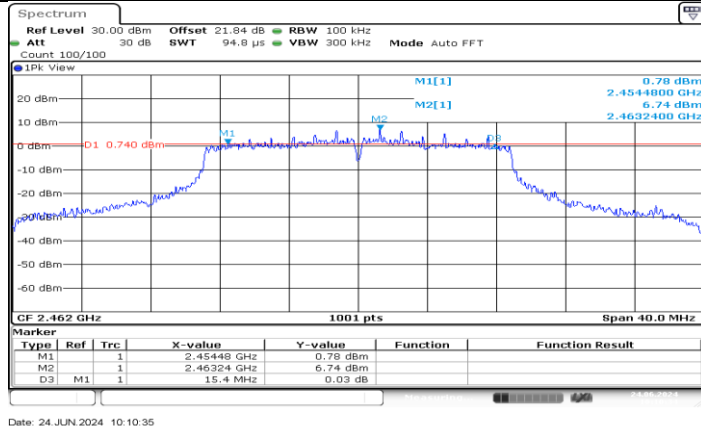
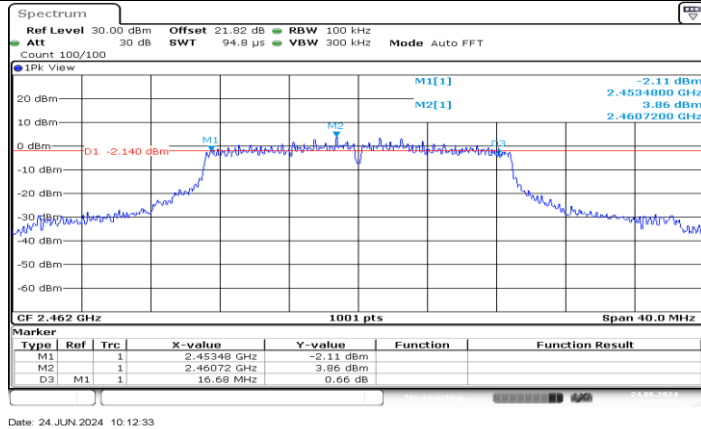




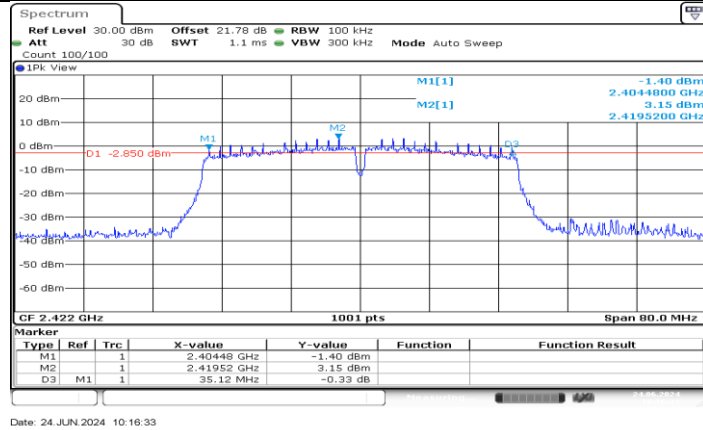
11N20MIMO\_Ant2\_2437



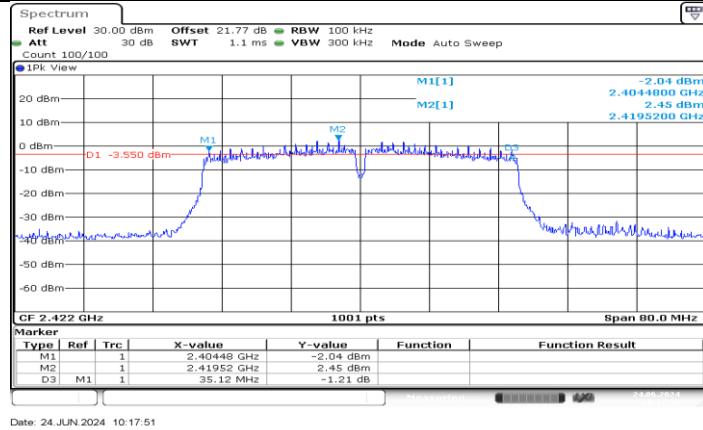
11N20MIMO\_Ant1\_2462



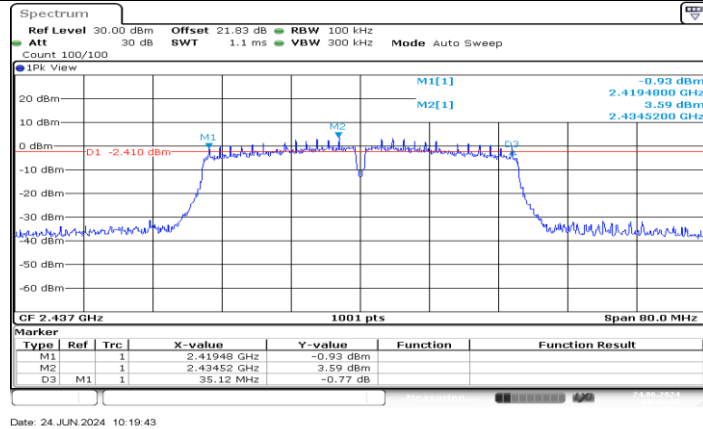
11N20MIMO\_Ant2\_2462



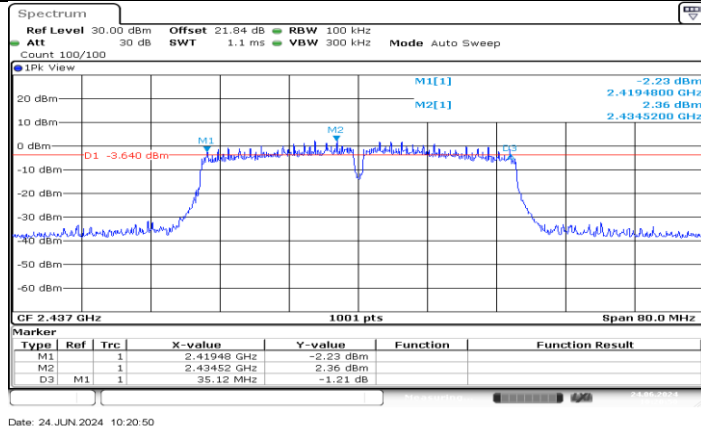
11N40MIMO Ant1 2422



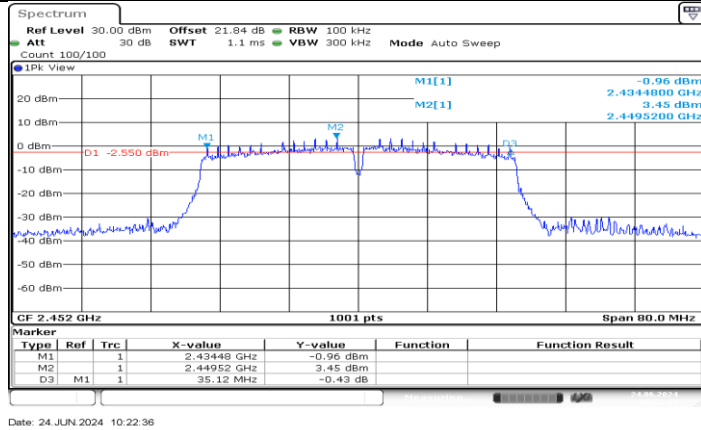
11N40MIMO Ant2 2422



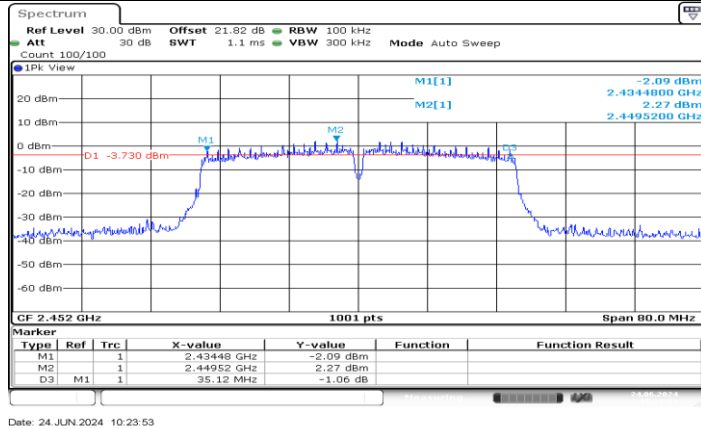
11N40MIMO Ant1 2437



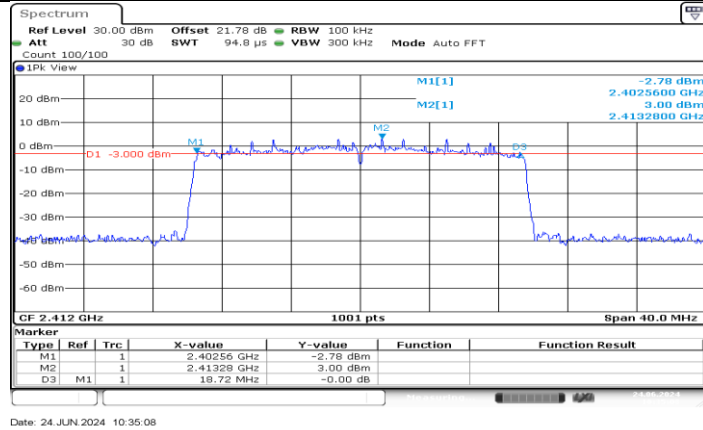
11N40MIMO\_Ant2\_2437



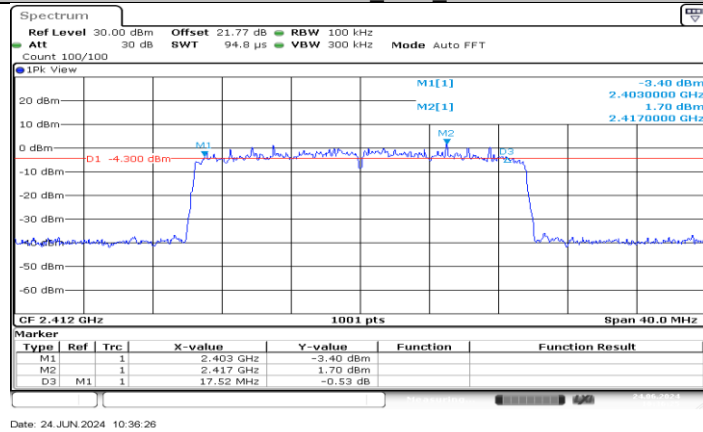
11N40MIMO\_Ant1\_2452



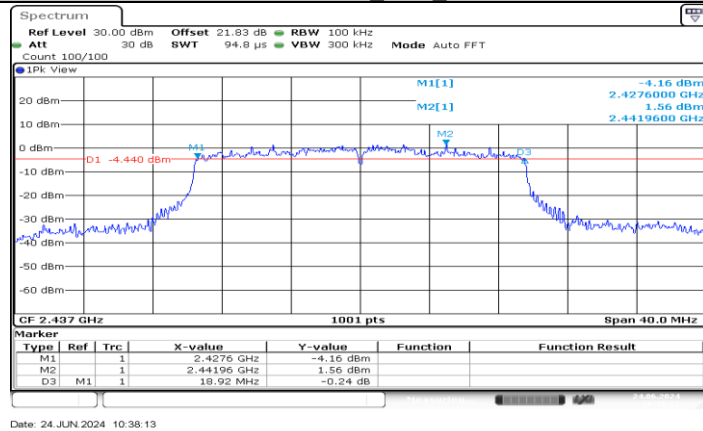
11N40MIMO\_Ant2\_2452



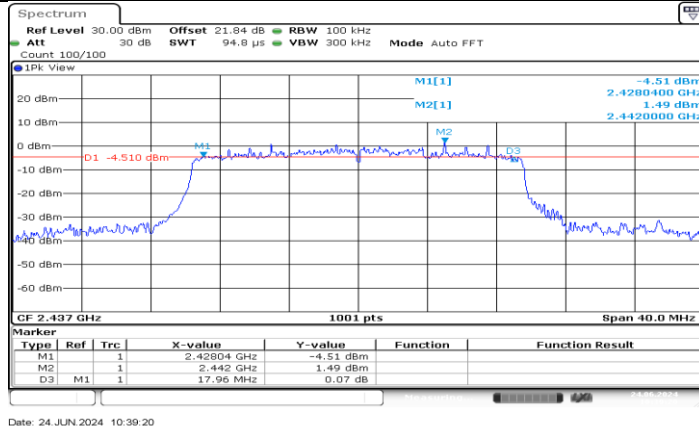
11AX20MIMO\_Ant1\_2412



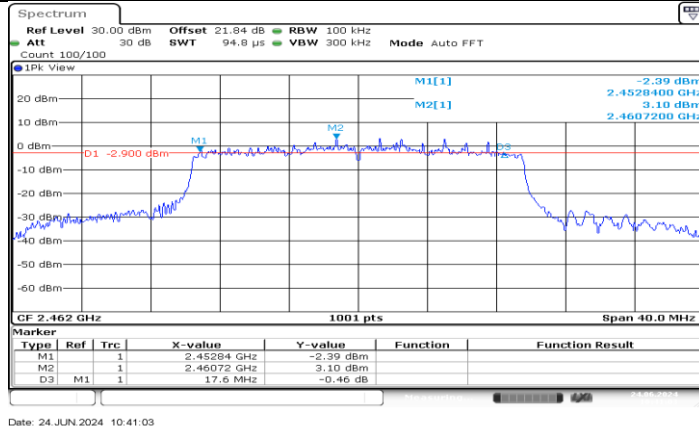
11AX20MIMO\_Ant2\_2412



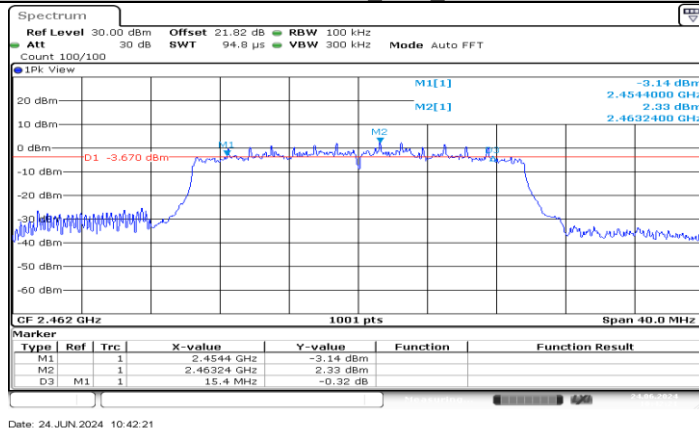
11AX20MIMO\_Ant1\_2437



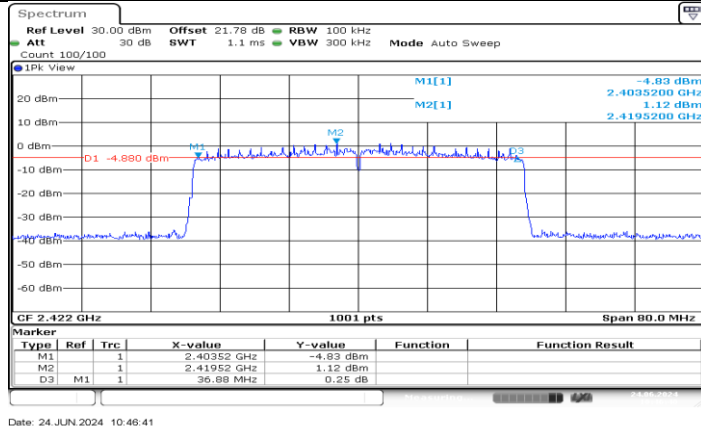
11AX20MIMO\_Ant2\_2437



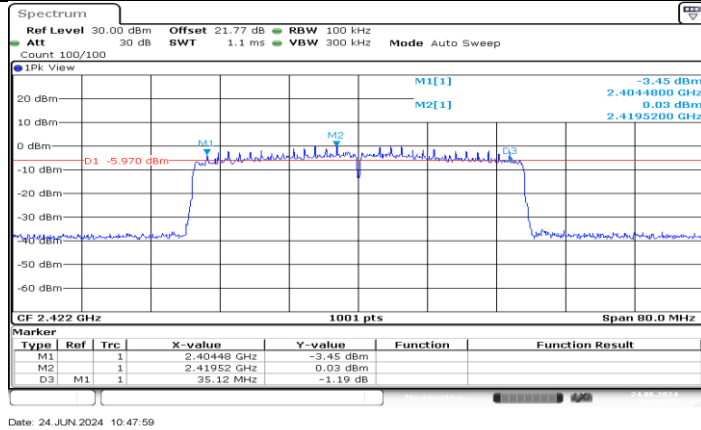
11AX20MIMO\_Ant1\_2462



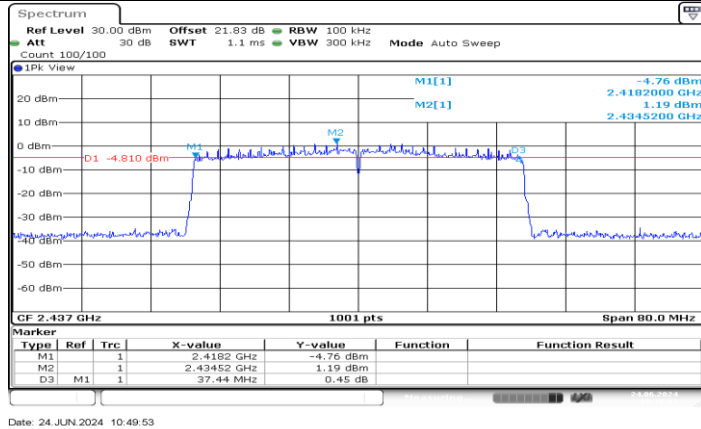
11AX20MIMO\_Ant2\_2462



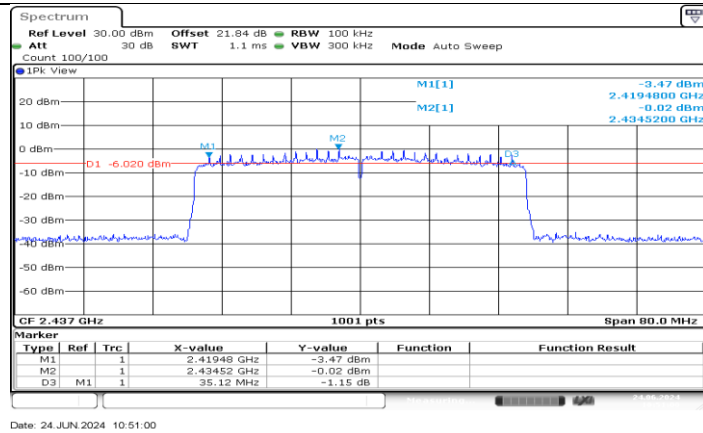
11AX40MIMO\_Ant1\_2422



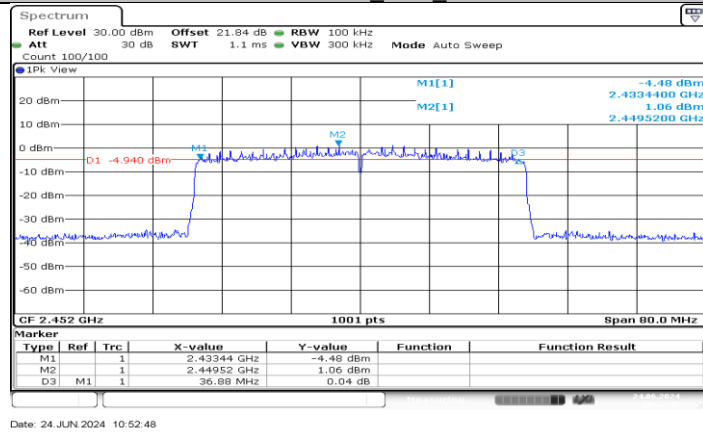
11AX40MIMO\_Ant2\_2422



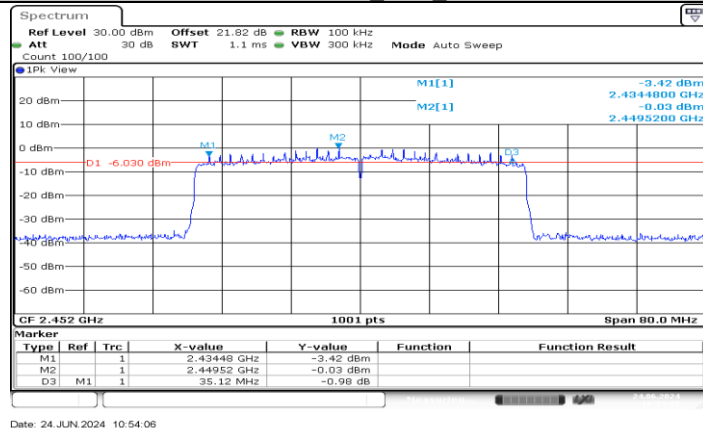
11AX40MIMO\_Ant1\_2437



### 11AX40MIMO\_Ant2\_2437



### 11AX40MIMO\_Ant1\_2452



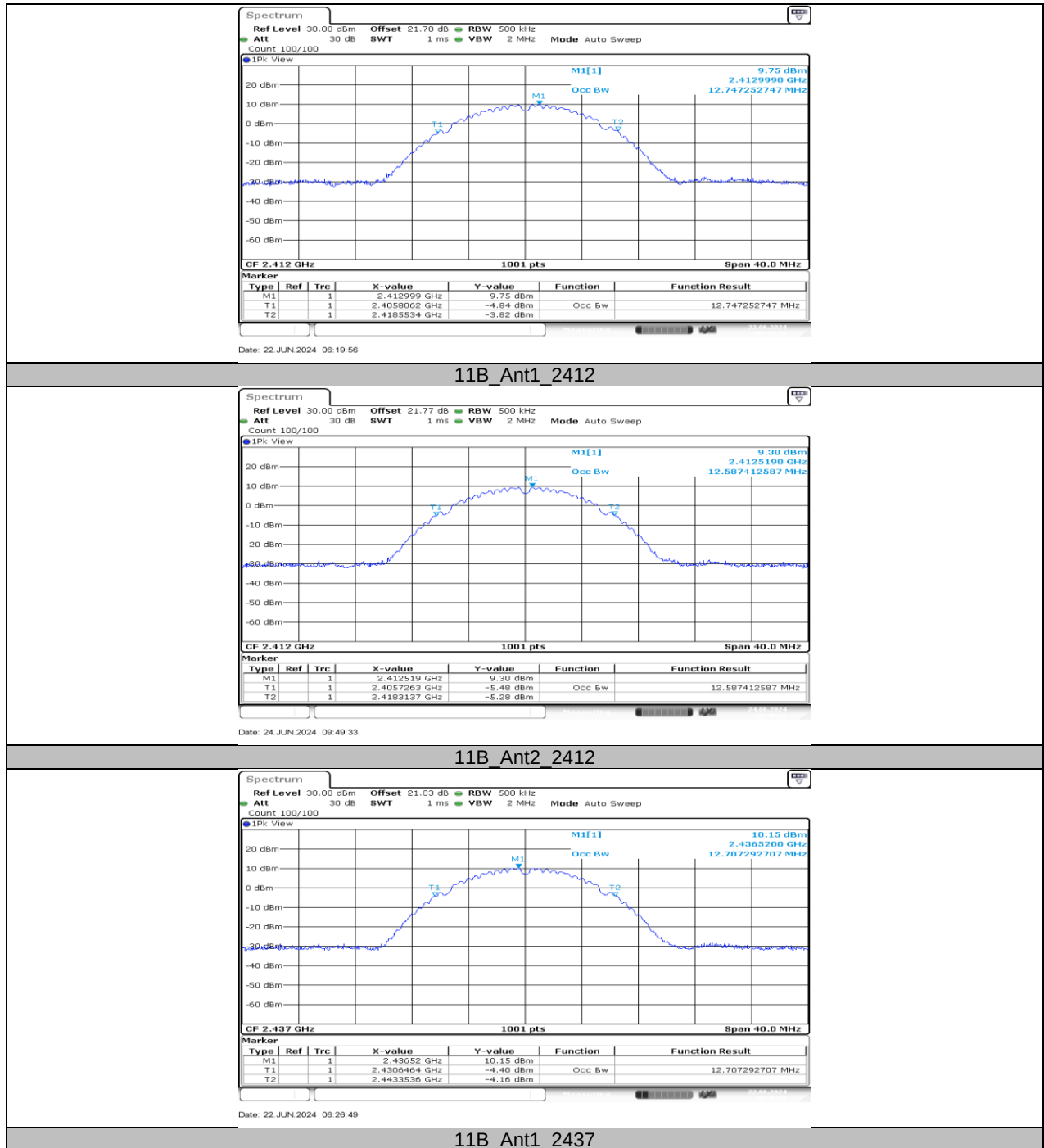
### 11AX40MIMO\_Ant2\_2452

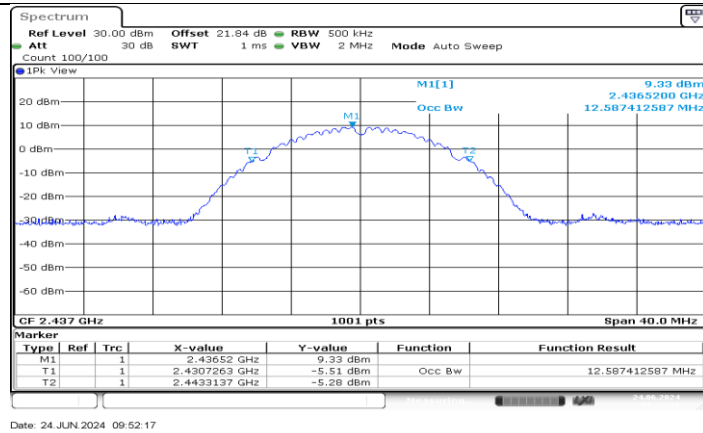
## 11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

### 11.2.1. Test Result

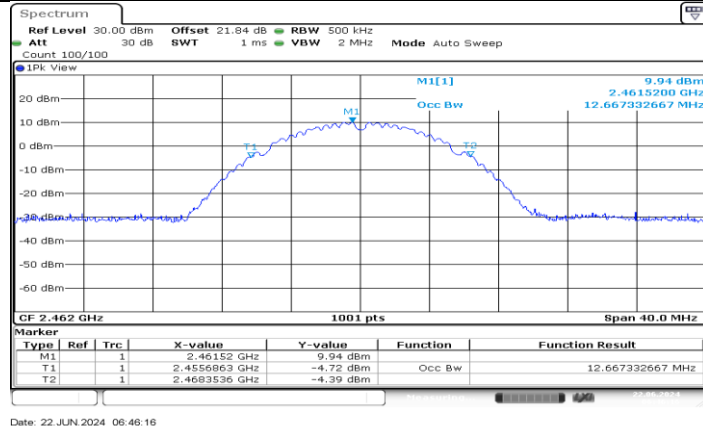
| Test Mode  | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   |
|------------|---------|----------------|-----------|-----------|-----------|
| 11B        | Ant1    | 2412           | 12.747    | 2405.8062 | 2418.5534 |
|            | Ant2    | 2412           | 12.587    | 2405.7263 | 2418.3137 |
|            | Ant1    | 2437           | 12.707    | 2430.6464 | 2443.3536 |
|            | Ant2    | 2437           | 12.587    | 2430.7263 | 2443.3137 |
|            | Ant1    | 2462           | 12.667    | 2455.6863 | 2468.3536 |
|            | Ant2    | 2462           | 12.547    | 2455.7263 | 2468.2737 |
| 11G        | Ant1    | 2412           | 17.303    | 2403.3287 | 2420.6314 |
|            | Ant2    | 2412           | 17.383    | 2403.2887 | 2420.6713 |
|            | Ant1    | 2437           | 19.141    | 2427.2897 | 2446.4306 |
|            | Ant2    | 2437           | 19.181    | 2427.2498 | 2446.4306 |
|            | Ant1    | 2462           | 19.181    | 2452.2897 | 2471.4705 |
|            | Ant2    | 2462           | 19.181    | 2452.2897 | 2471.4705 |
| 11N20MIMO  | Ant1    | 2412           | 17.942    | 2403.0490 | 2420.9910 |
|            | Ant2    | 2412           | 17.622    | 2403.2088 | 2420.8312 |
|            | Ant1    | 2437           | 19.7      | 2427.1299 | 2446.8302 |
|            | Ant2    | 2437           | 18.262    | 2427.8891 | 2446.1508 |
|            | Ant1    | 2462           | 19.74     | 2452.1698 | 2471.9101 |
|            | Ant2    | 2462           | 18.302    | 2452.8891 | 2471.1908 |
| 11N40MIMO  | Ant1    | 2422           | 36.204    | 2403.9381 | 2440.1419 |
|            | Ant2    | 2422           | 36.444    | 2403.8581 | 2440.3017 |
|            | Ant1    | 2437           | 36.124    | 2418.9381 | 2455.0619 |
|            | Ant2    | 2437           | 36.444    | 2418.7782 | 2455.2218 |
|            | Ant1    | 2452           | 36.204    | 2433.9381 | 2470.1419 |
|            | Ant2    | 2452           | 36.523    | 2433.7782 | 2470.3017 |
| 11AX20MIMO | Ant1    | 2412           | 18.861    | 2402.5694 | 2421.4306 |
|            | Ant2    | 2412           | 18.861    | 2402.5694 | 2421.4306 |
|            | Ant1    | 2437           | 19.341    | 2427.3297 | 2446.6703 |
|            | Ant2    | 2437           | 19.181    | 2427.4096 | 2446.5904 |
|            | Ant1    | 2462           | 19.341    | 2452.3696 | 2471.7103 |
|            | Ant2    | 2462           | 19.261    | 2452.3696 | 2471.6304 |
| 11AX40MIMO | Ant1    | 2422           | 37.802    | 2403.1389 | 2440.9411 |
|            | Ant2    | 2422           | 37.802    | 2403.1389 | 2440.9411 |
|            | Ant1    | 2437           | 37.802    | 2418.1389 | 2455.9411 |
|            | Ant2    | 2437           | 37.962    | 2418.0589 | 2456.0210 |
|            | Ant1    | 2452           | 37.722    | 2433.2188 | 2470.9411 |
|            | Ant2    | 2452           | 37.802    | 2433.1389 | 2470.9411 |

## 11.2.2. Test Graphs

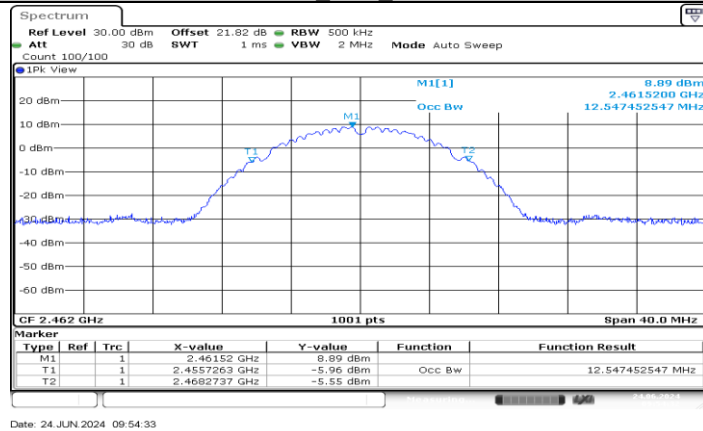




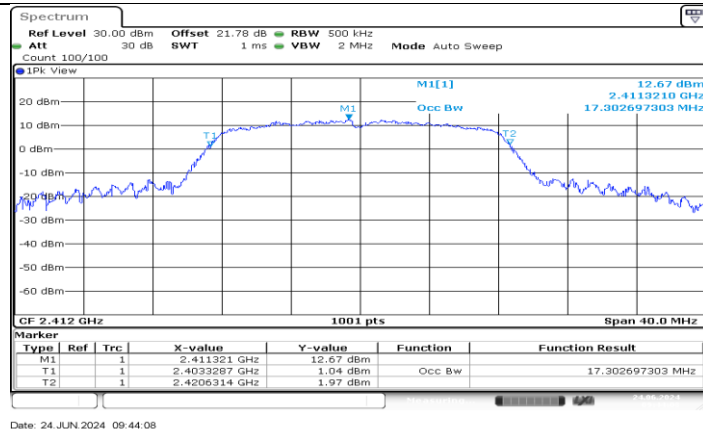
11B\_Ant2\_2437



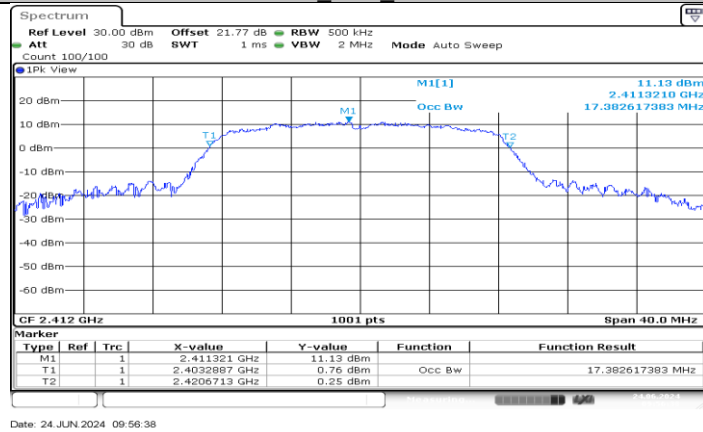
11B\_Ant1\_2462



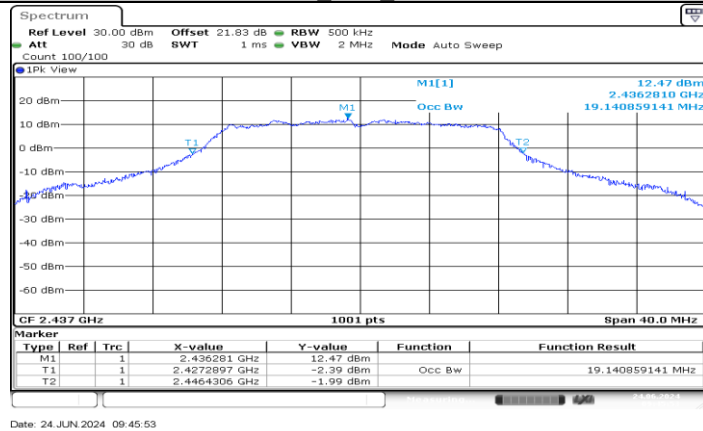
11B\_Ant2\_2462



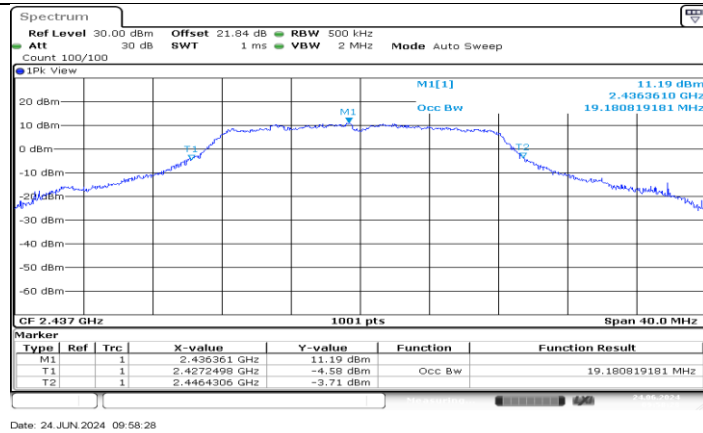
11G\_Ant1\_2412



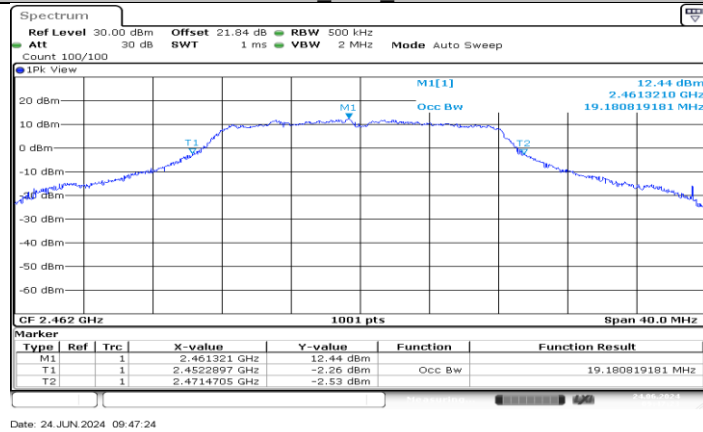
11G\_Ant2\_2412



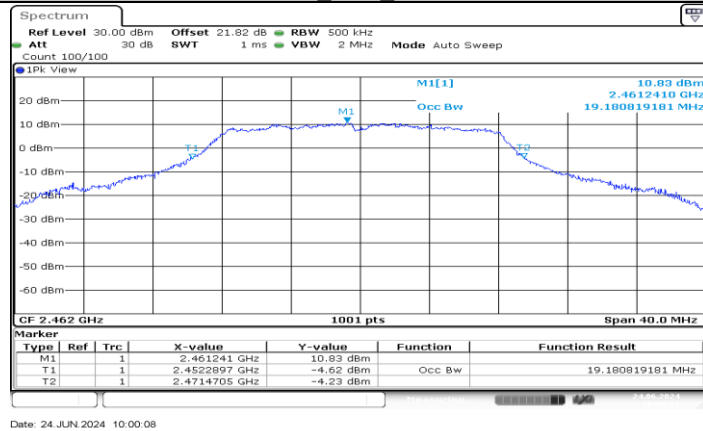
11G\_Ant1\_2437



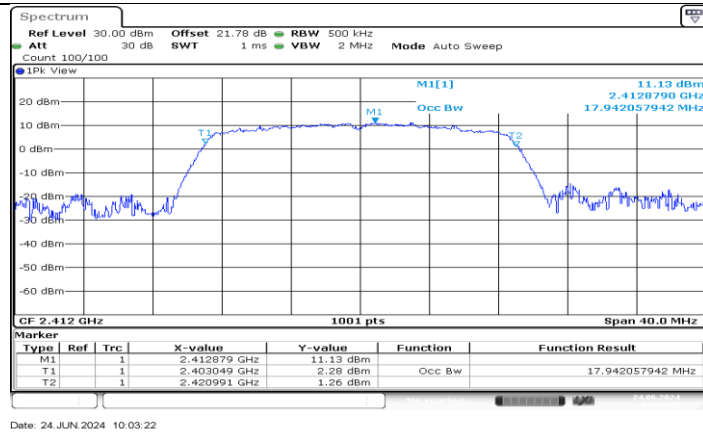
11G\_Ant2\_2437



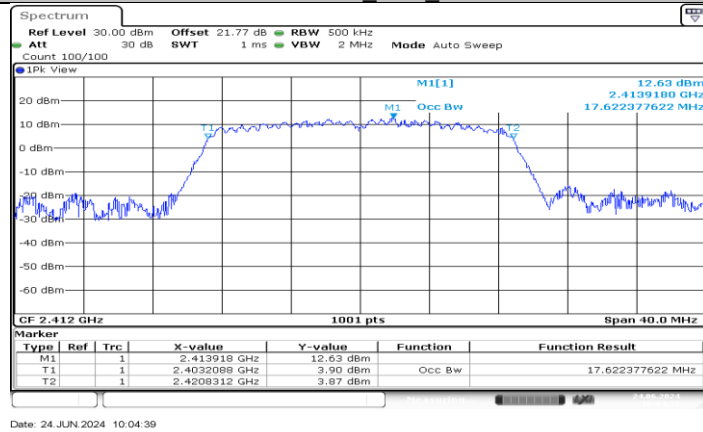
11G\_Ant1\_2462



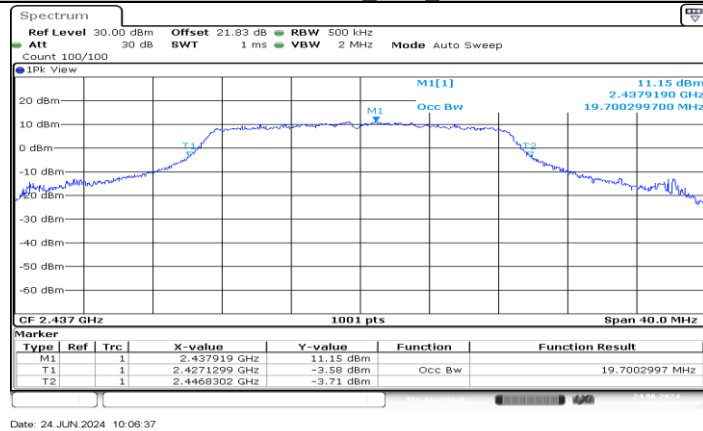
11G\_Ant2\_2462



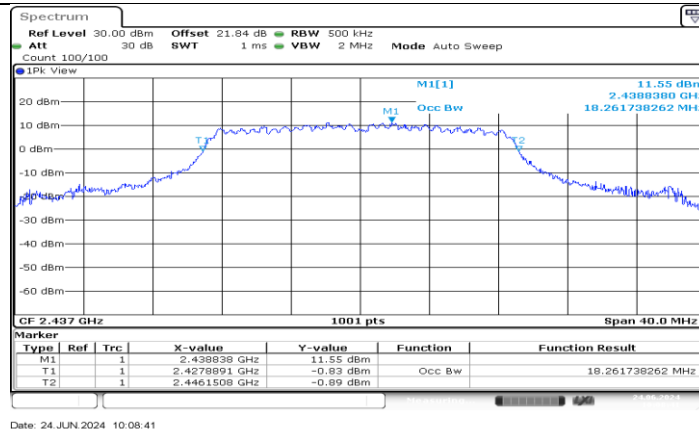
11N20MIMO Ant1 2412



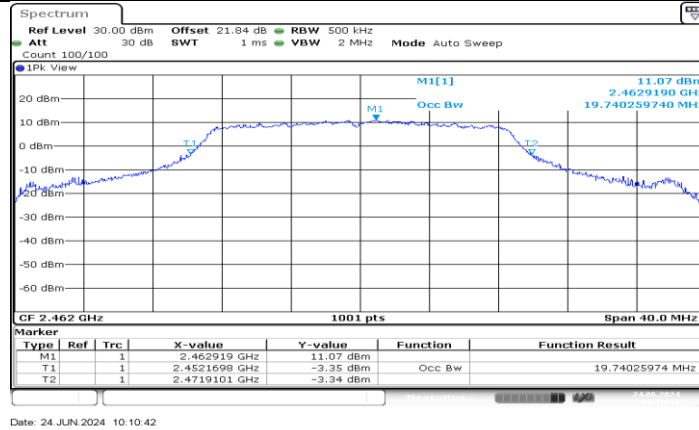
11N20MIMO Ant2 2412



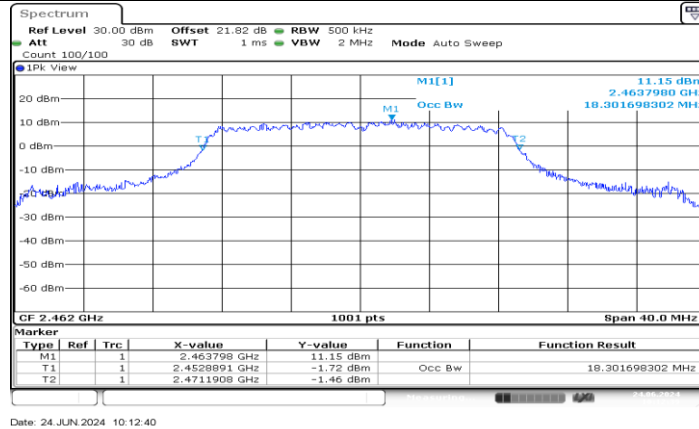
11N20MIMO Ant1 2437



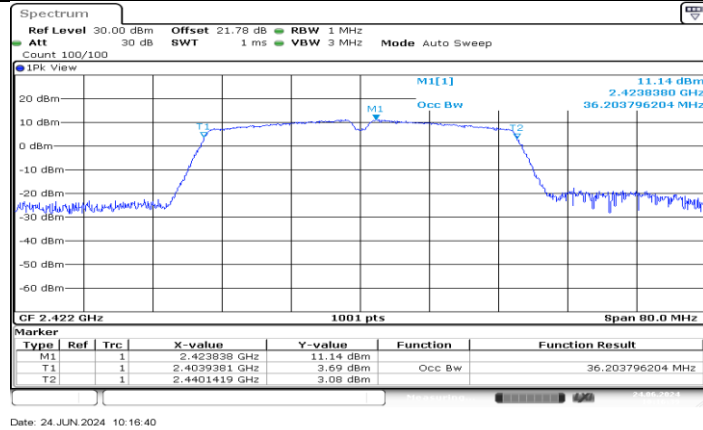
11N20MIMO Ant2\_2437



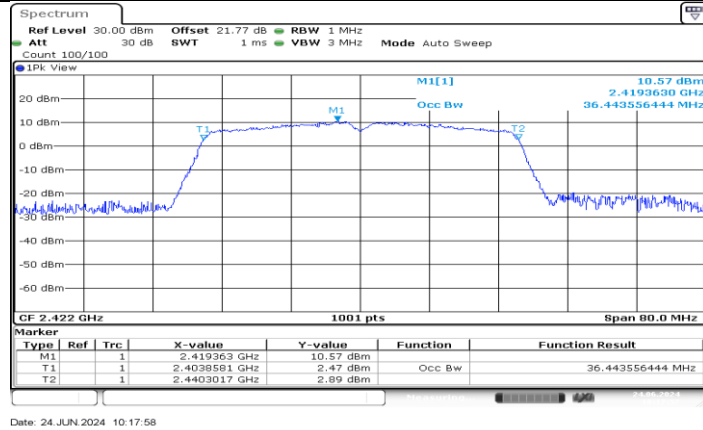
11N20MIMO Ant1\_2462



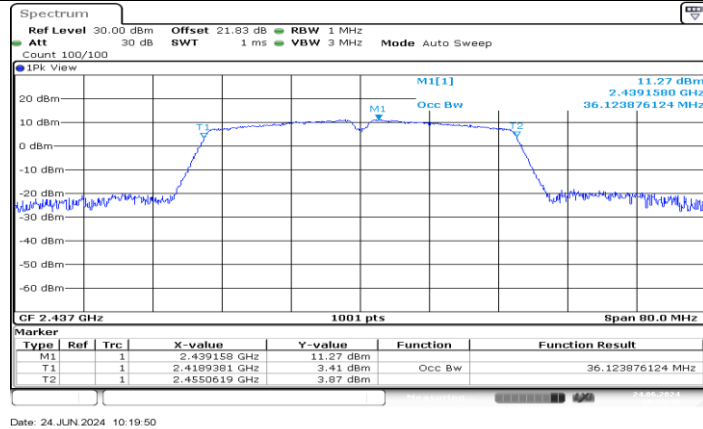
11N20MIMO Ant2\_2462



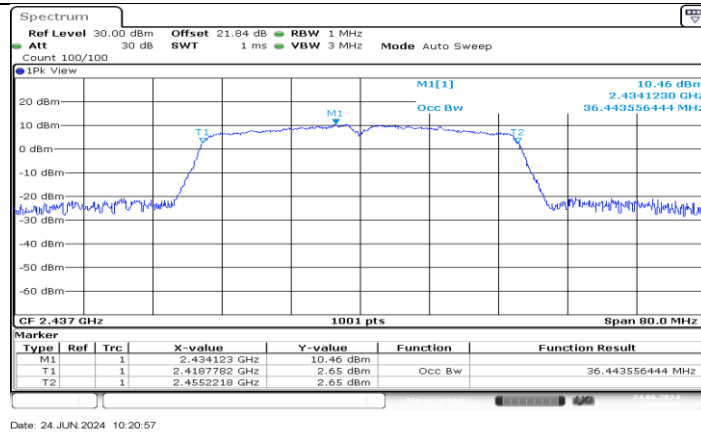
11N40MIMO Ant1 2422



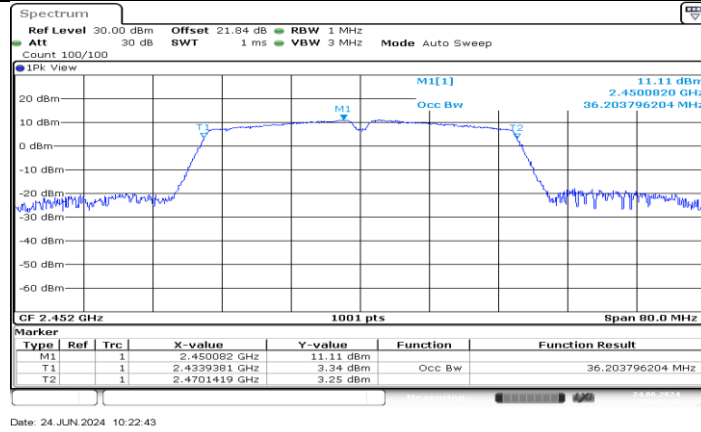
11N40MIMO Ant2 2422



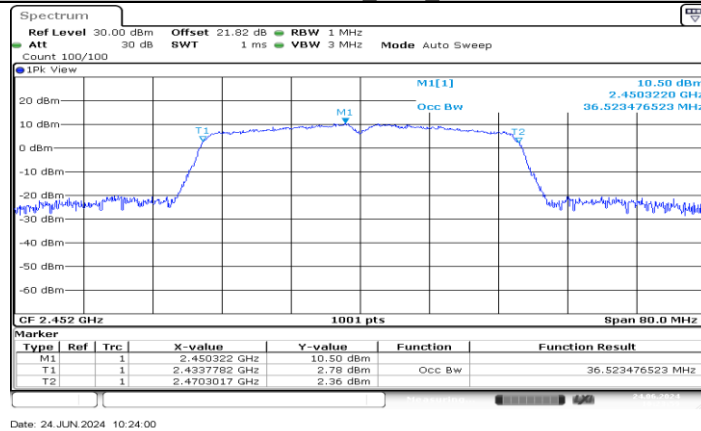
11N40MIMO Ant1 2437



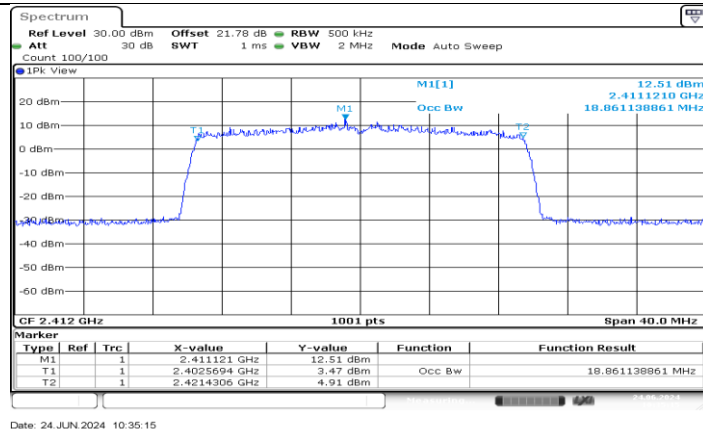
11N40MIMO Ant2\_2437



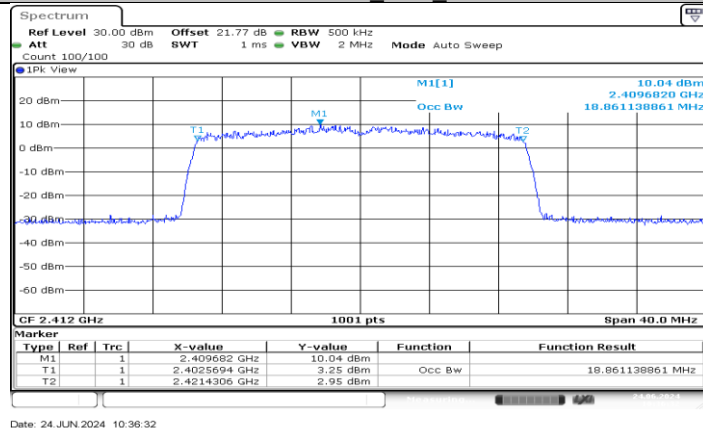
11N40MIMO Ant1\_2452



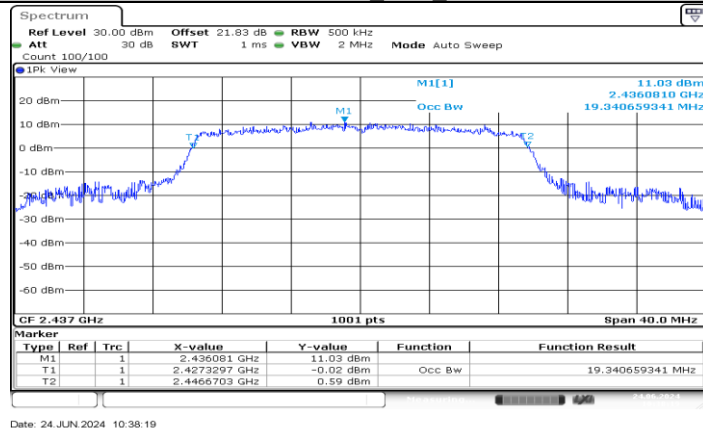
11N40MIMO Ant2\_2452



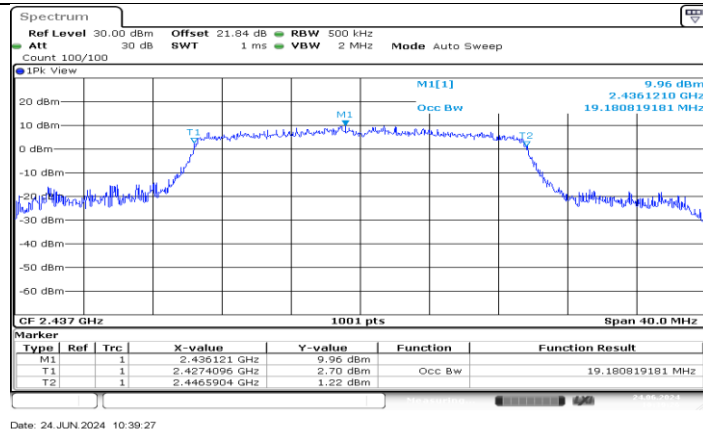
11AX20MIMO\_Ant1\_2412



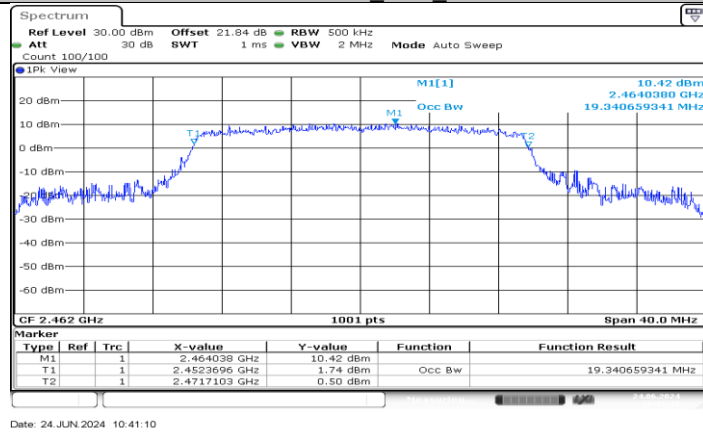
11AX20MIMO\_Ant2\_2412



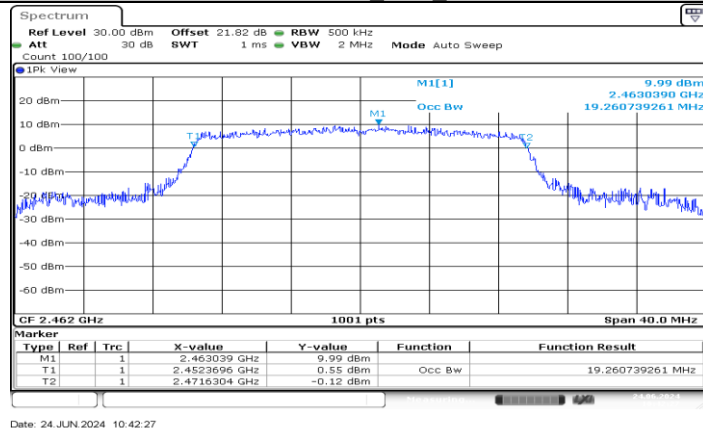
11AX20MIMO\_Ant1\_2437



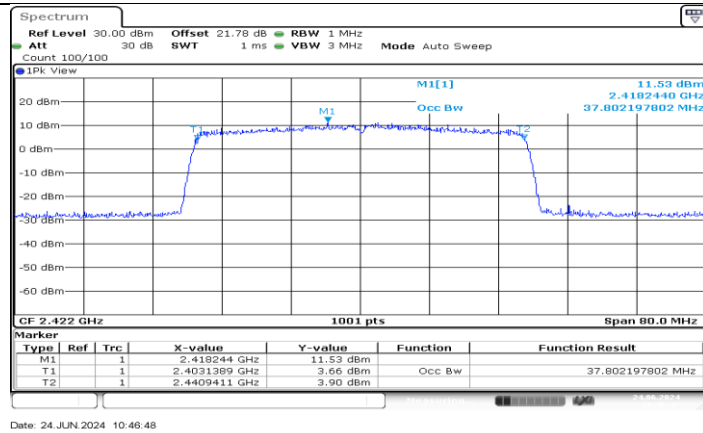
11AX20MIMO\_Ant2\_2437



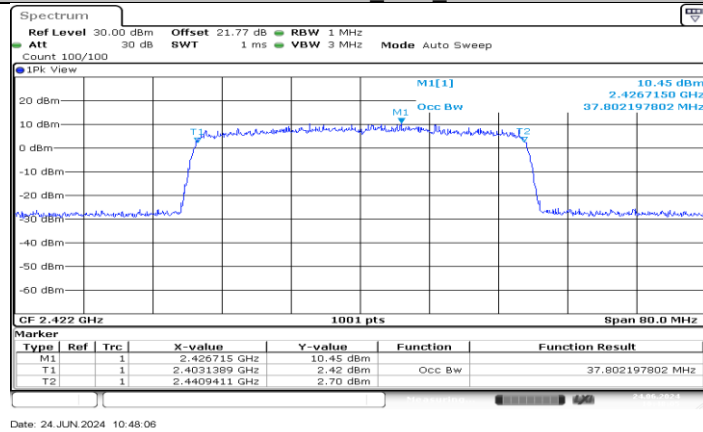
11AX20MIMO\_Ant1\_2462



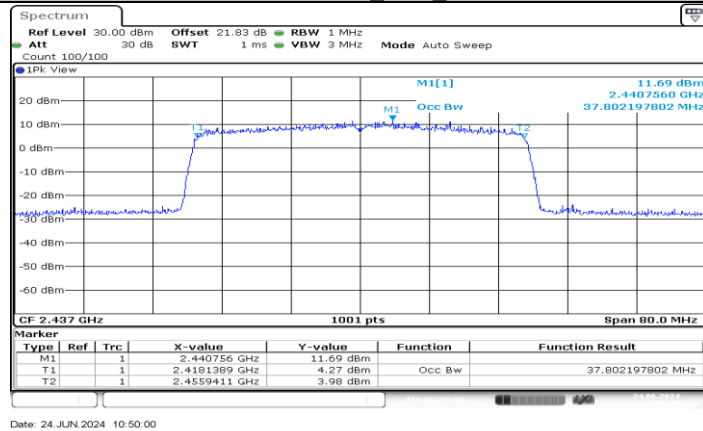
11AX20MIMO\_Ant2\_2462



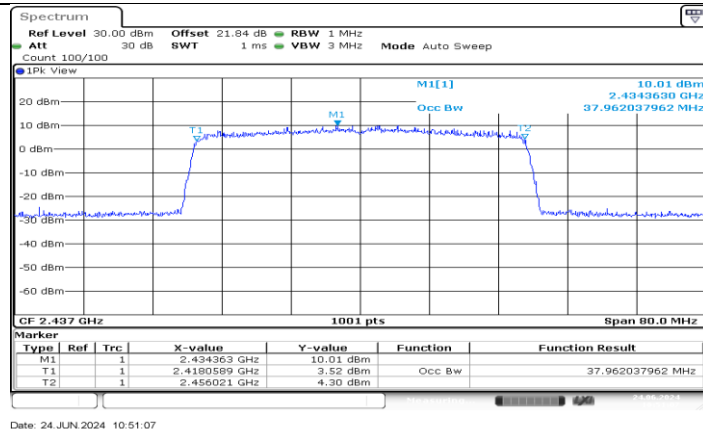
11AX40MIMO\_Ant1\_2422



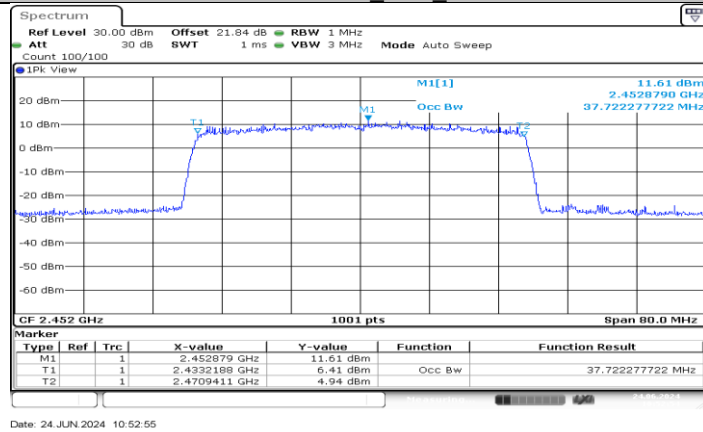
11AX40MIMO\_Ant2\_2422



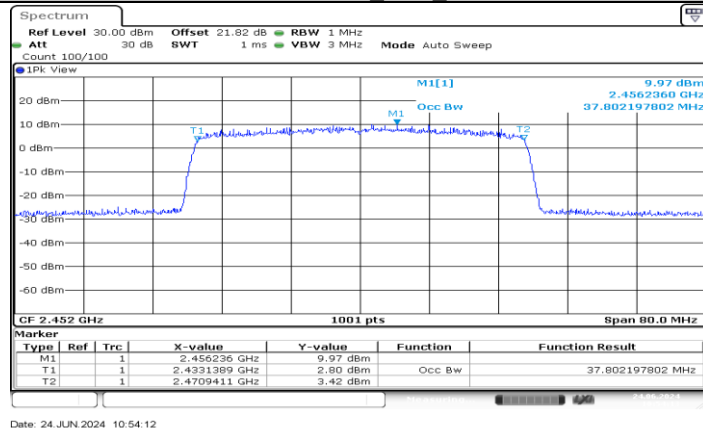
11AX40MIMO\_Ant1\_2437



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           | 18.41       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 17.54       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 18.71       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 17.44       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 19.06       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 17.56       | ≤30.00     | PASS    |
| 11G        | Ant1    | 2412           | 17.01       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 16.08       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 18.95       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 16.99       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 18.33       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 16.50       | ≤30.00     | PASS    |
| 11N20MIMO  | Ant1    | 2412           | 16.25       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 14.59       | ≤30.00     | PASS    |
|            | total   | 2412           | 18.51       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 16.77       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 15.47       | ≤30.00     | PASS    |
|            | total   | 2437           | 19.18       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 17.20       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 15.56       | ≤30.00     | PASS    |
| 11N40MIMO  | Ant1    | 2422           | 15.85       | ≤30.00     | PASS    |
|            | Ant2    | 2422           | 14.96       | ≤30.00     | PASS    |
|            | total   | 2422           | 18.44       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 15.58       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 14.22       | ≤30.00     | PASS    |
|            | total   | 2437           | 17.96       | ≤30.00     | PASS    |
|            | Ant1    | 2452           | 14.85       | ≤30.00     | PASS    |
|            | Ant2    | 2452           | 13.91       | ≤30.00     | PASS    |
| 11AX20MIMO | Ant1    | 2412           | 15.07       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 13.90       | ≤30.00     | PASS    |
|            | total   | 2412           | 17.53       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 15.07       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 13.96       | ≤30.00     | PASS    |
|            | total   | 2437           | 17.56       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 15.18       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 14.07       | ≤30.00     | PASS    |
| 11AX40MIMO | Ant1    | 2422           | 15.73       | ≤30.00     | PASS    |
|            | Ant2    | 2422           | 14.12       | ≤30.00     | PASS    |
|            | total   | 2422           | 18.01       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 15.39       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 13.74       | ≤30.00     | PASS    |
|            | total   | 2437           | 17.65       | ≤30.00     | PASS    |
|            | Ant1    | 2452           | 14.96       | ≤30.00     | PASS    |
|            | Ant2    | 2452           | 13.89       | ≤30.00     | PASS    |
|            | total   | 2452           | 17.47       | ≤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.

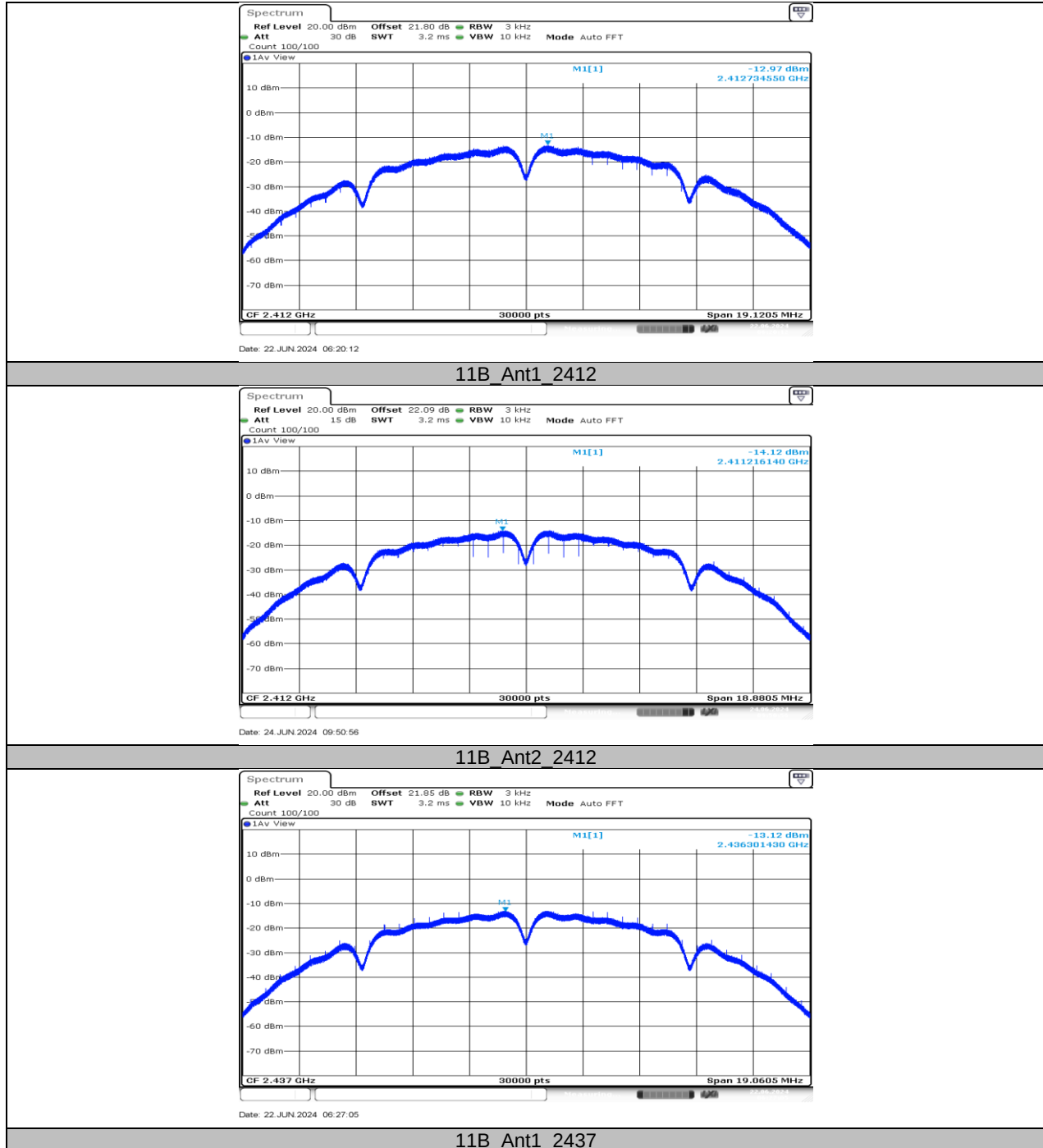
## 11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

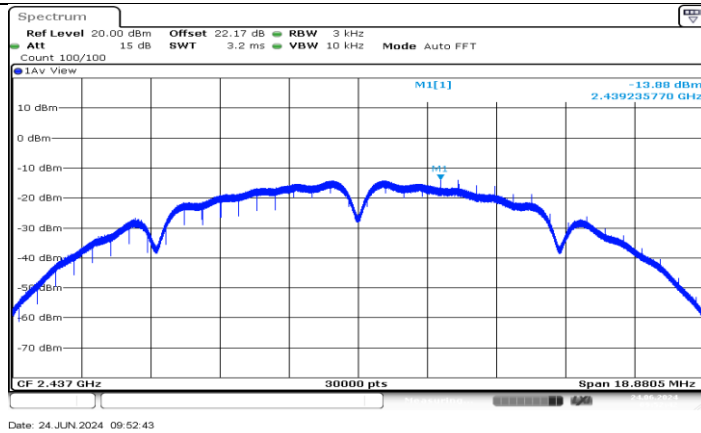
### 11.4.1. Test Result

| Test Mode  | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|------------|---------|----------------|------------------|-----------------|---------|
| 11B        | Ant1    | 2412           | -12.97           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -14.12           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -13.12           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -13.88           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -13.37           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -13.25           | ≤8.00           | PASS    |
| 11G        | Ant1    | 2412           | -14.53           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -15.94           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -13.11           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -15.19           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -13.64           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -15.33           | ≤8.00           | PASS    |
| 11N20MIMO  | Ant1    | 2412           | -16.09           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -17.31           | ≤8.00           | PASS    |
|            | total   | 2412           | -13.65           | ≤7.27           | PASS    |
|            | Ant1    | 2437           | -15.51           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -16.63           | ≤8.00           | PASS    |
|            | total   | 2437           | -13.02           | ≤7.27           | PASS    |
|            | Ant1    | 2462           | -14.97           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -16.79           | ≤8.00           | PASS    |
|            | total   | 2462           | -12.78           | ≤7.27           | PASS    |
| 11N40MIMO  | Ant1    | 2422           | -18.77           | ≤8.00           | PASS    |
|            | Ant2    | 2422           | -19.82           | ≤8.00           | PASS    |
|            | total   | 2422           | -16.25           | ≤7.27           | PASS    |
|            | Ant1    | 2437           | -18.76           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -20.53           | ≤8.00           | PASS    |
|            | total   | 2437           | -16.55           | ≤7.27           | PASS    |
|            | Ant1    | 2452           | -19.32           | ≤8.00           | PASS    |
|            | Ant2    | 2452           | -20.74           | ≤8.00           | PASS    |
|            | total   | 2452           | -16.96           | ≤7.27           | PASS    |
| 11AX20MIMO | Ant1    | 2412           | -17.86           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -19.01           | ≤8.00           | PASS    |
|            | total   | 2412           | -15.39           | ≤7.27           | PASS    |
|            | Ant1    | 2437           | -17.80           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -19.01           | ≤8.00           | PASS    |
|            | total   | 2437           | -15.35           | ≤7.27           | PASS    |
|            | Ant1    | 2462           | -17.56           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -19.06           | ≤8.00           | PASS    |
|            | total   | 2462           | -15.24           | ≤7.27           | PASS    |
| 11AX40MIMO | Ant1    | 2422           | -20.46           | ≤8.00           | PASS    |
|            | Ant2    | 2422           | -21.47           | ≤8.00           | PASS    |
|            | total   | 2422           | -17.93           | ≤7.27           | PASS    |
|            | Ant1    | 2437           | -20.27           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -22.25           | ≤8.00           | PASS    |
|            | total   | 2437           | -18.14           | ≤7.27           | PASS    |
|            | Ant1    | 2452           | -20.75           | ≤8.00           | PASS    |
|            | Ant2    | 2452           | -22.05           | ≤8.00           | PASS    |
|            | total   | 2452           | -18.34           | ≤7.27           | PASS    |

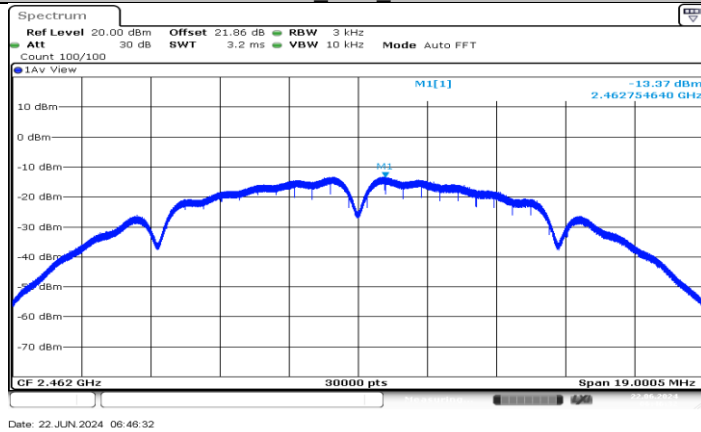
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

## 11.4.2. Test Graphs

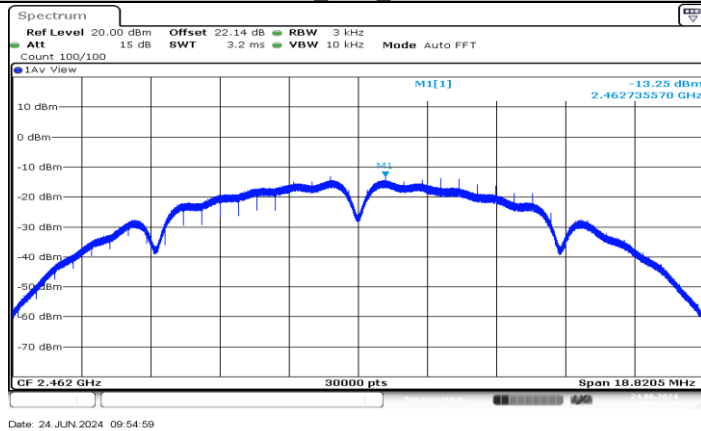




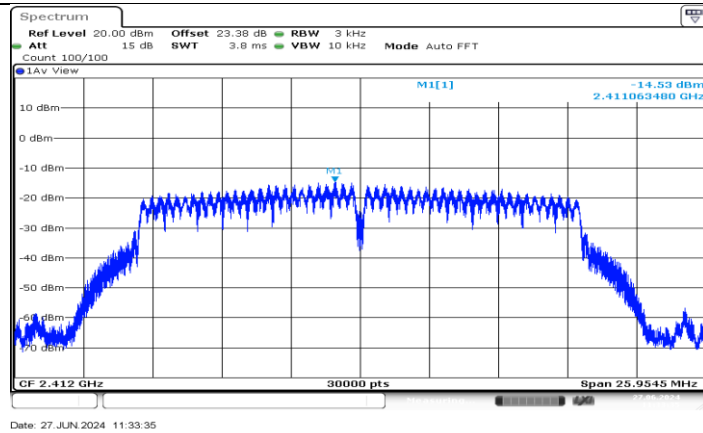
11B\_Ant2\_2437



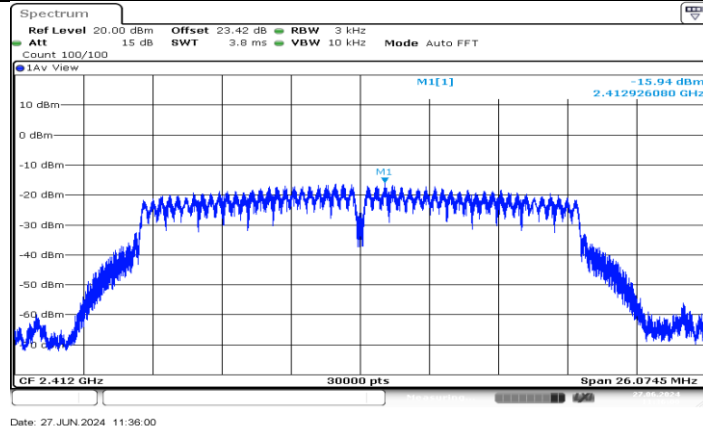
11B\_Ant1\_2462



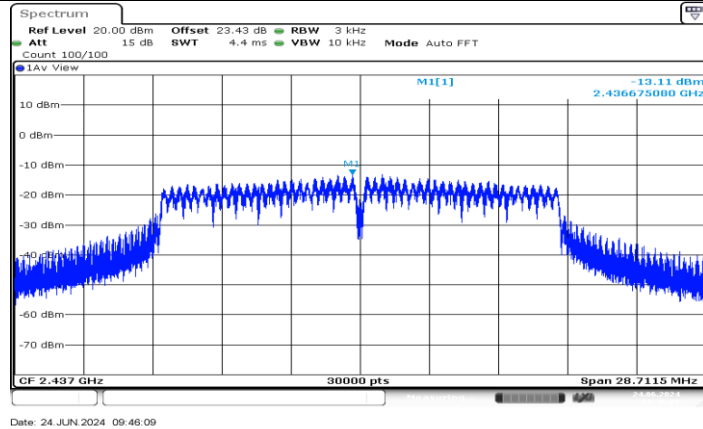
11B\_Ant2\_2462



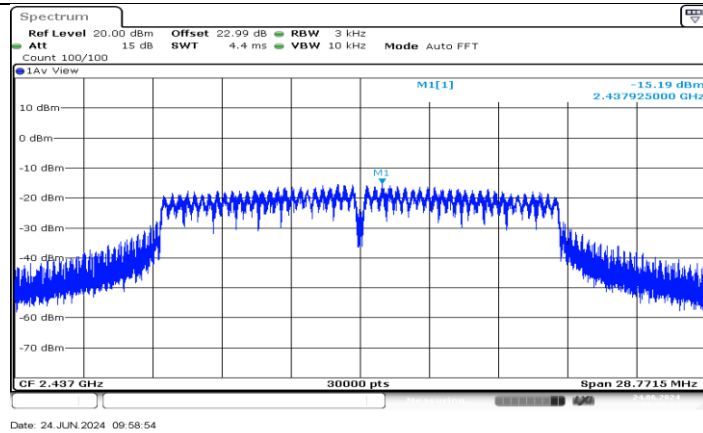
11G\_Ant1\_2412



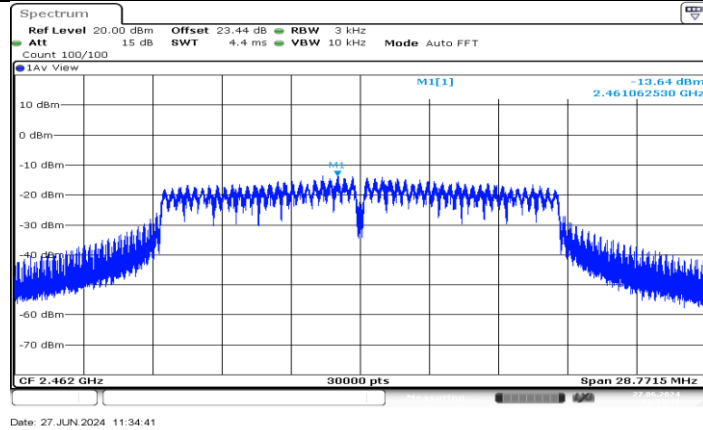
11G\_Ant2\_2412



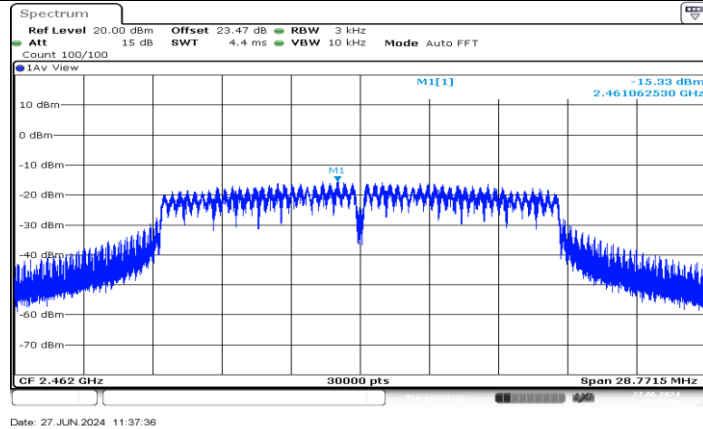
11G\_Ant1\_2437



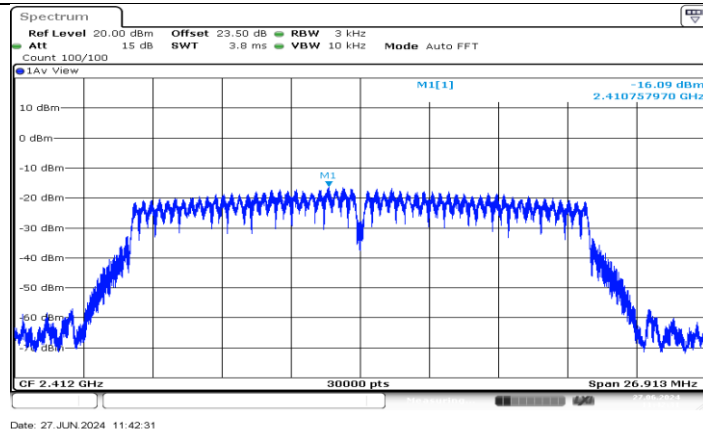
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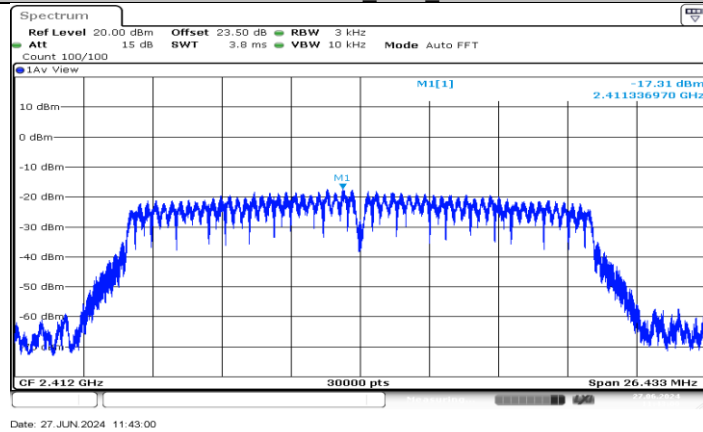
11G\_Ant1\_2462



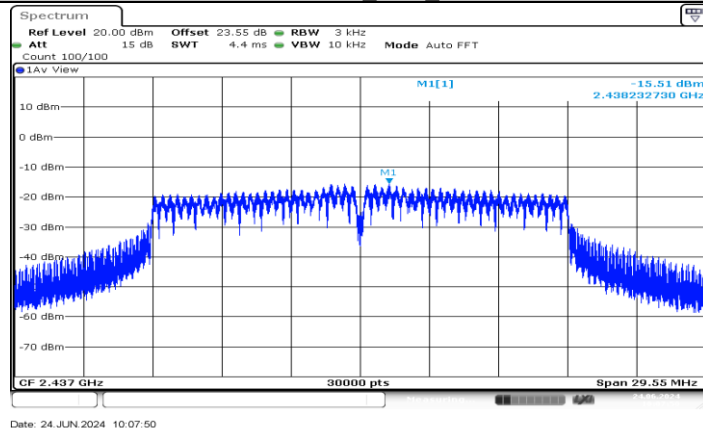
11G\_Ant2\_2462



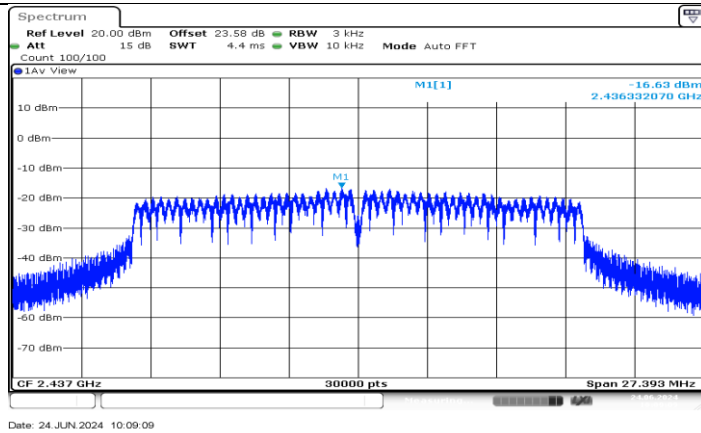
11N20MIMO\_Ant1\_2412



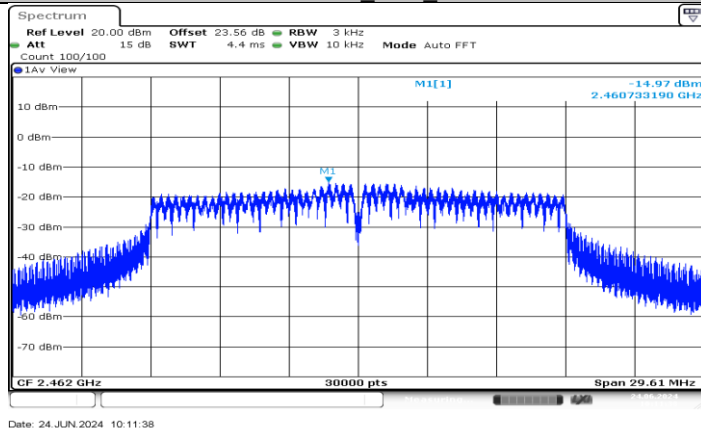
11N20MIMO\_Ant2\_2412



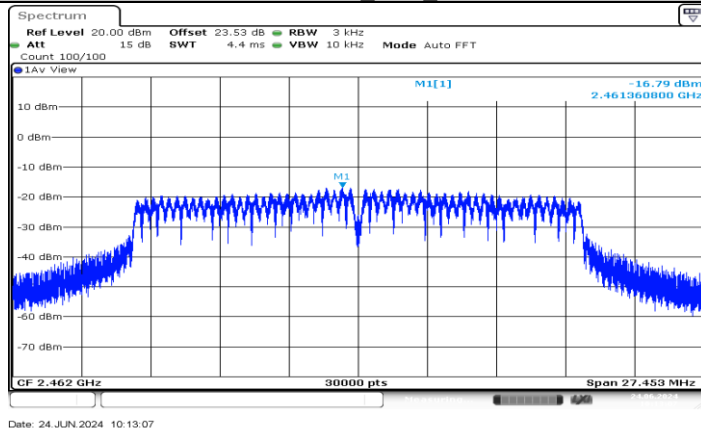
11N20MIMO\_Ant1\_2437



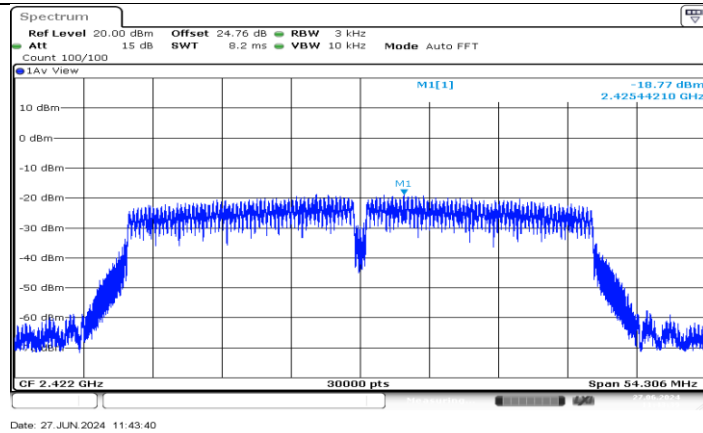
11N20MIMO\_Ant2\_2437



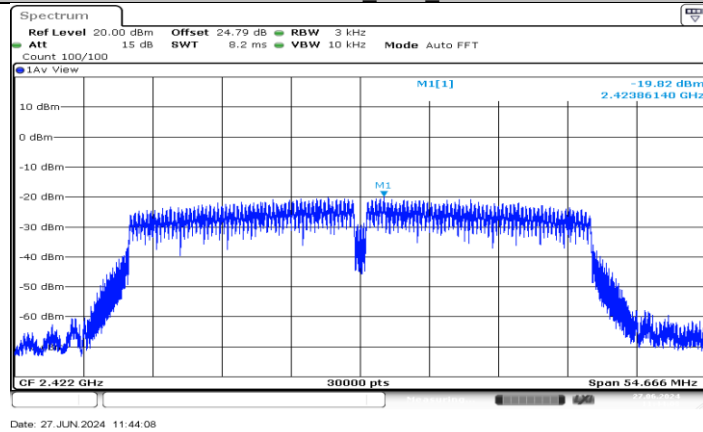
11N20MIMO\_Ant1\_2462



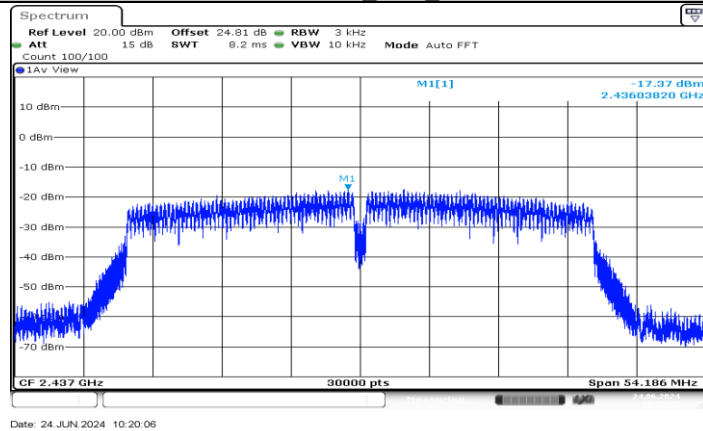
11N20MIMO\_Ant2\_2462



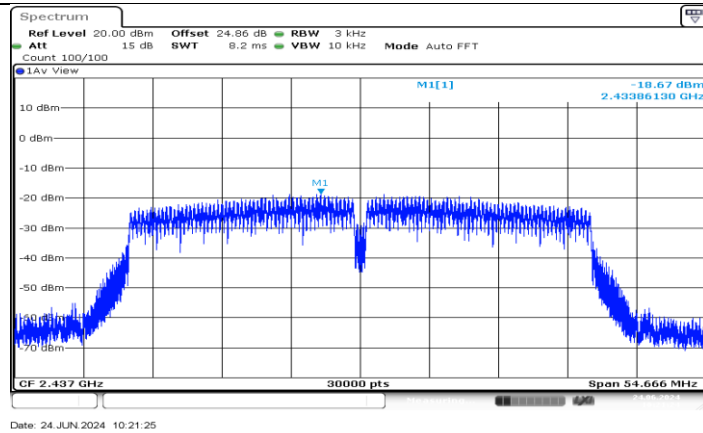
11N40MIMO\_Ant1\_2422



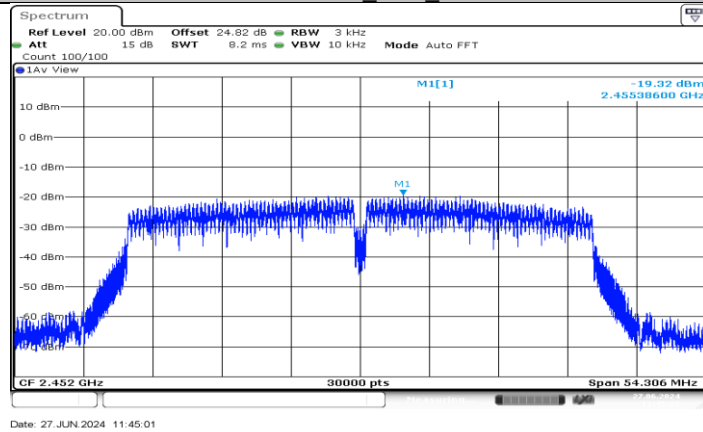
11N40MIMO\_Ant2\_2422



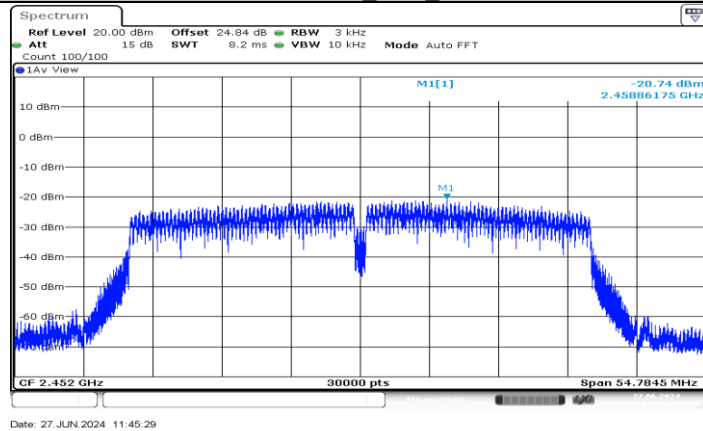
11N40MIMO\_Ant1\_2437



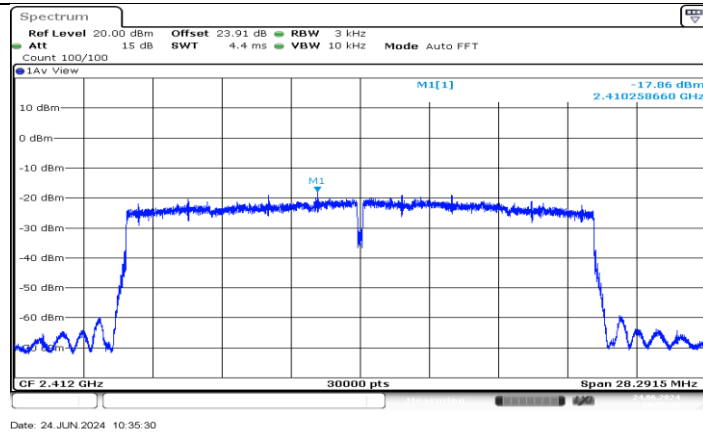
11N40MIMO\_Ant2\_2437



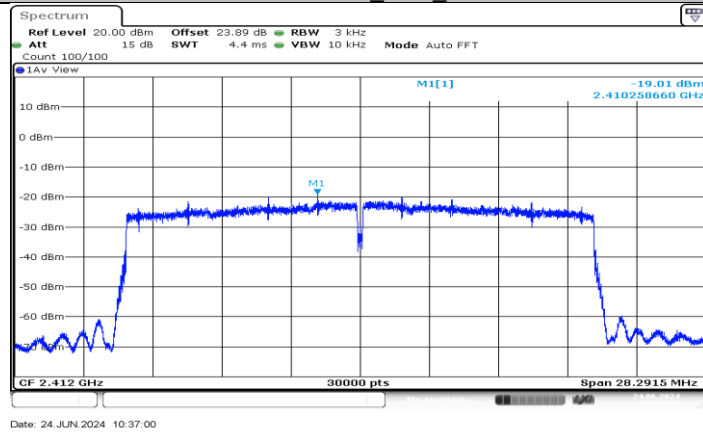
11N40MIMO\_Ant1\_2452



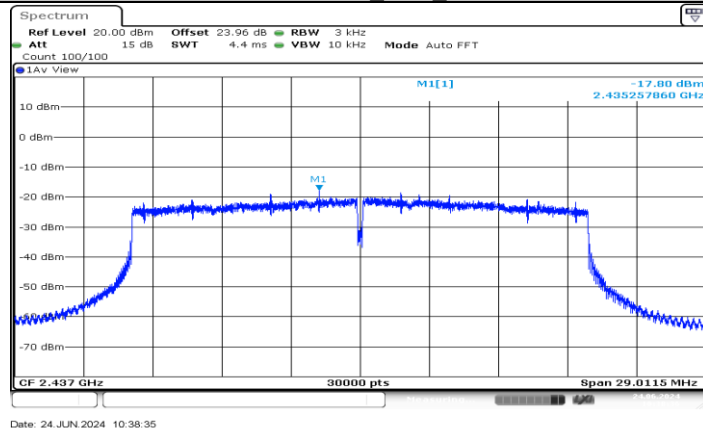
11N40MIMO\_Ant2\_2452



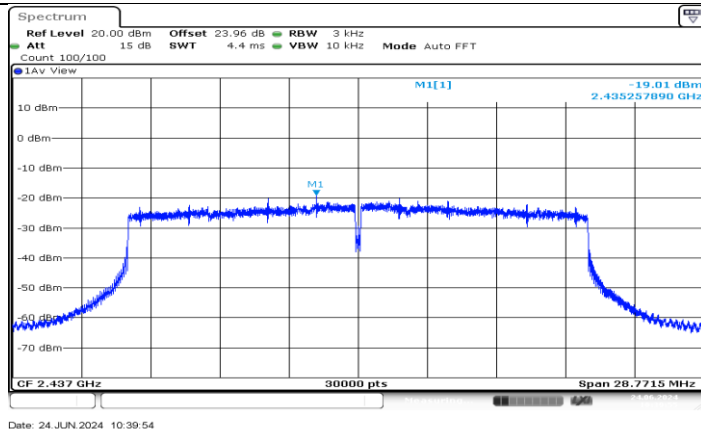
11AX20MIMO\_Ant1\_2412



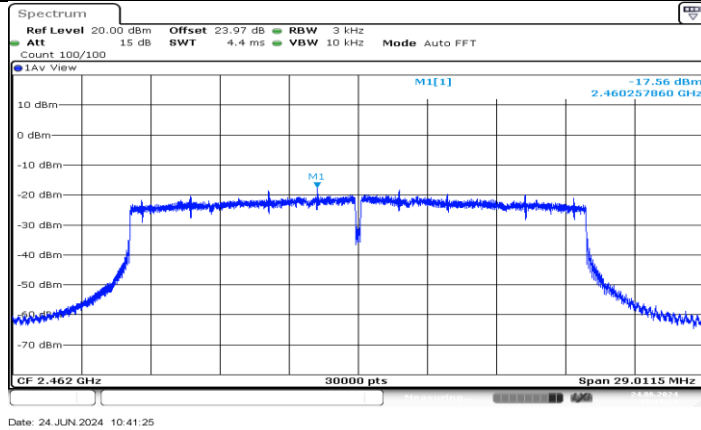
11AX20MIMO\_Ant2\_2412



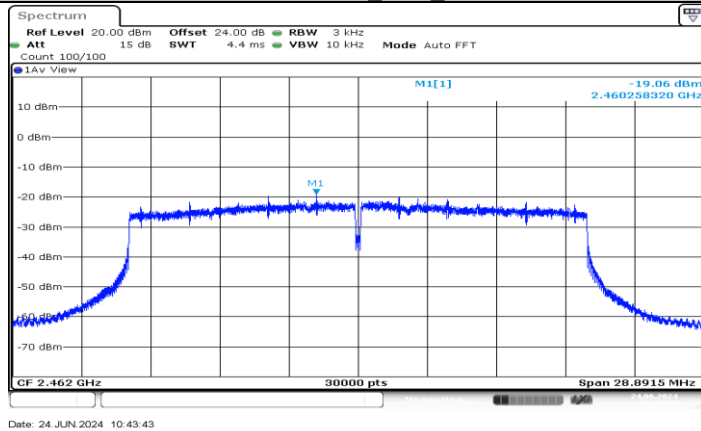
11AX20MIMO\_Ant1\_2437



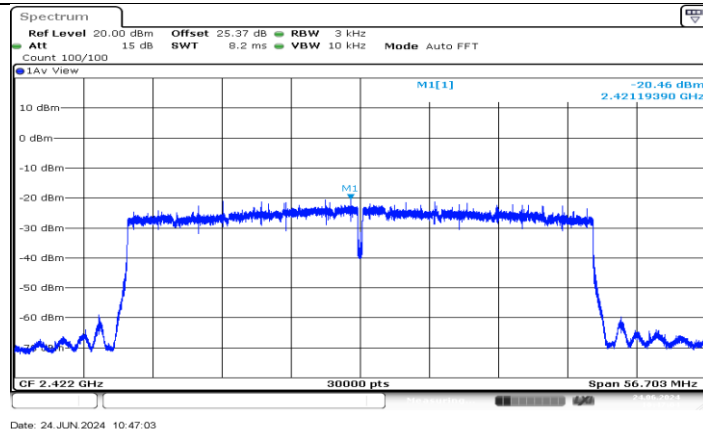
11AX20MIMO\_Ant2\_2437



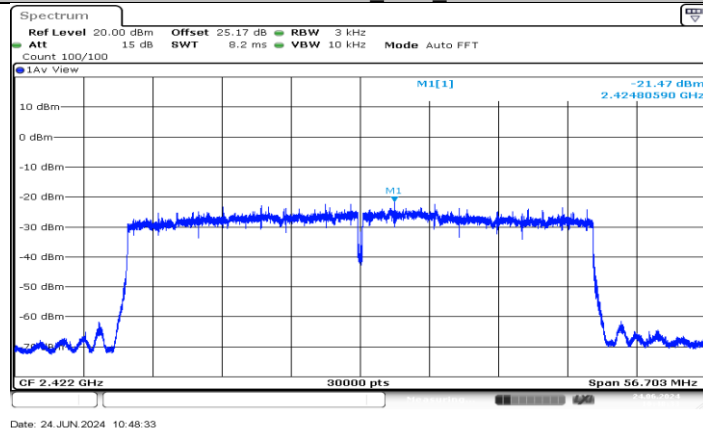
11AX20MIMO\_Ant1\_2462



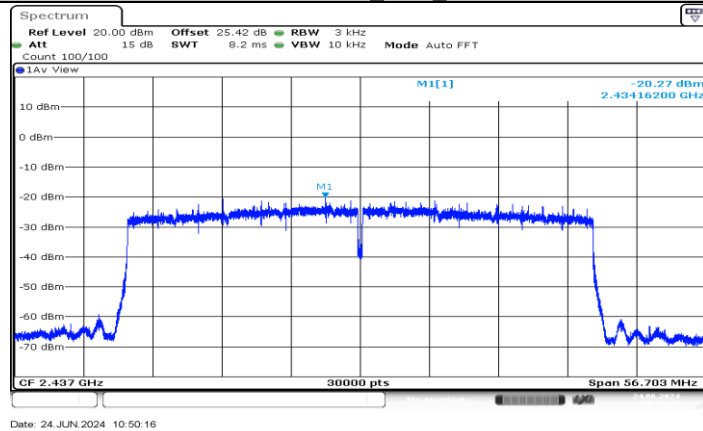
11AX20MIMO\_Ant2\_2462



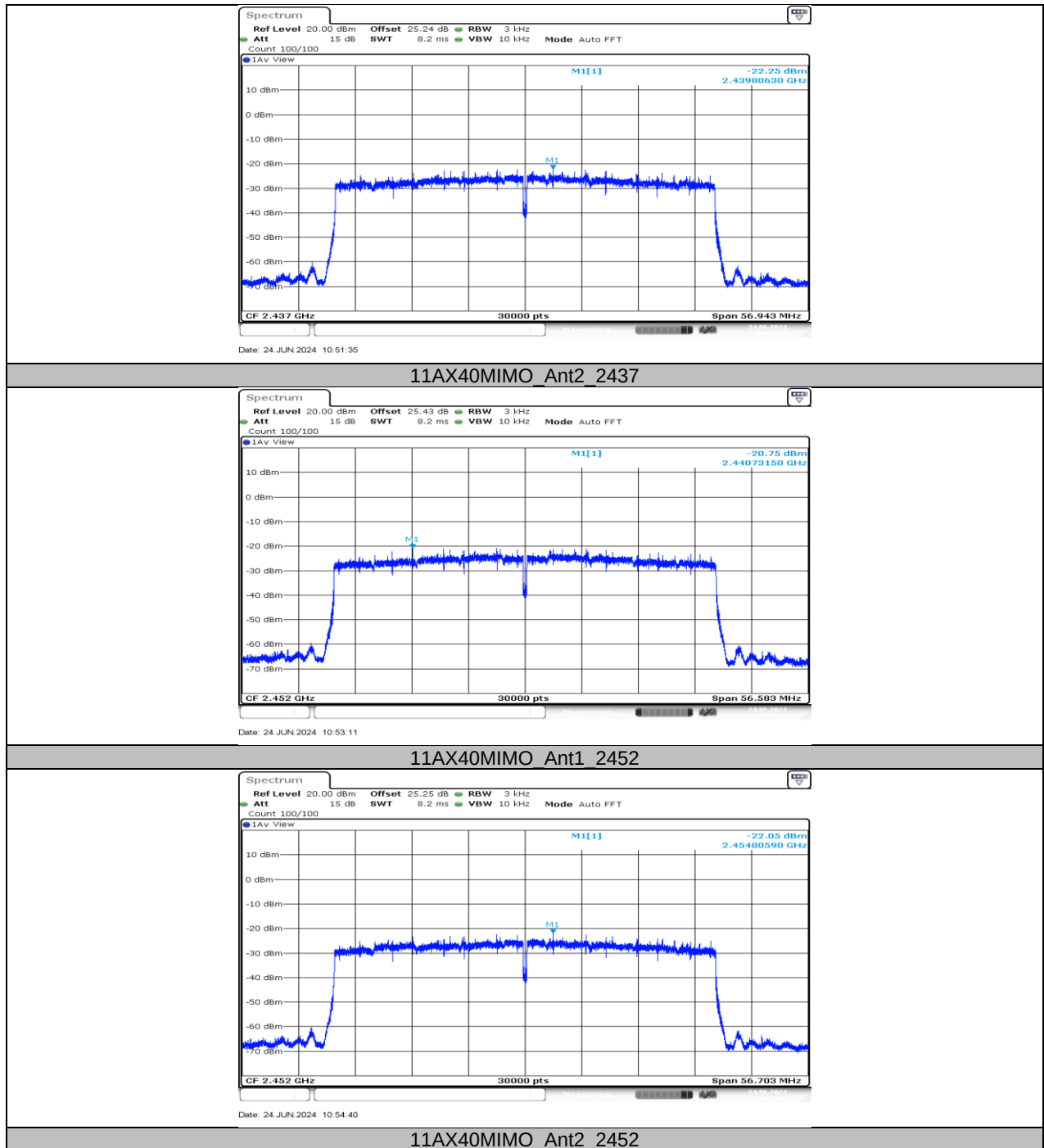
11AX40MIMO\_Ant1\_2422



11AX40MIMO\_Ant2\_2422



11AX40MIMO\_Ant1\_2437

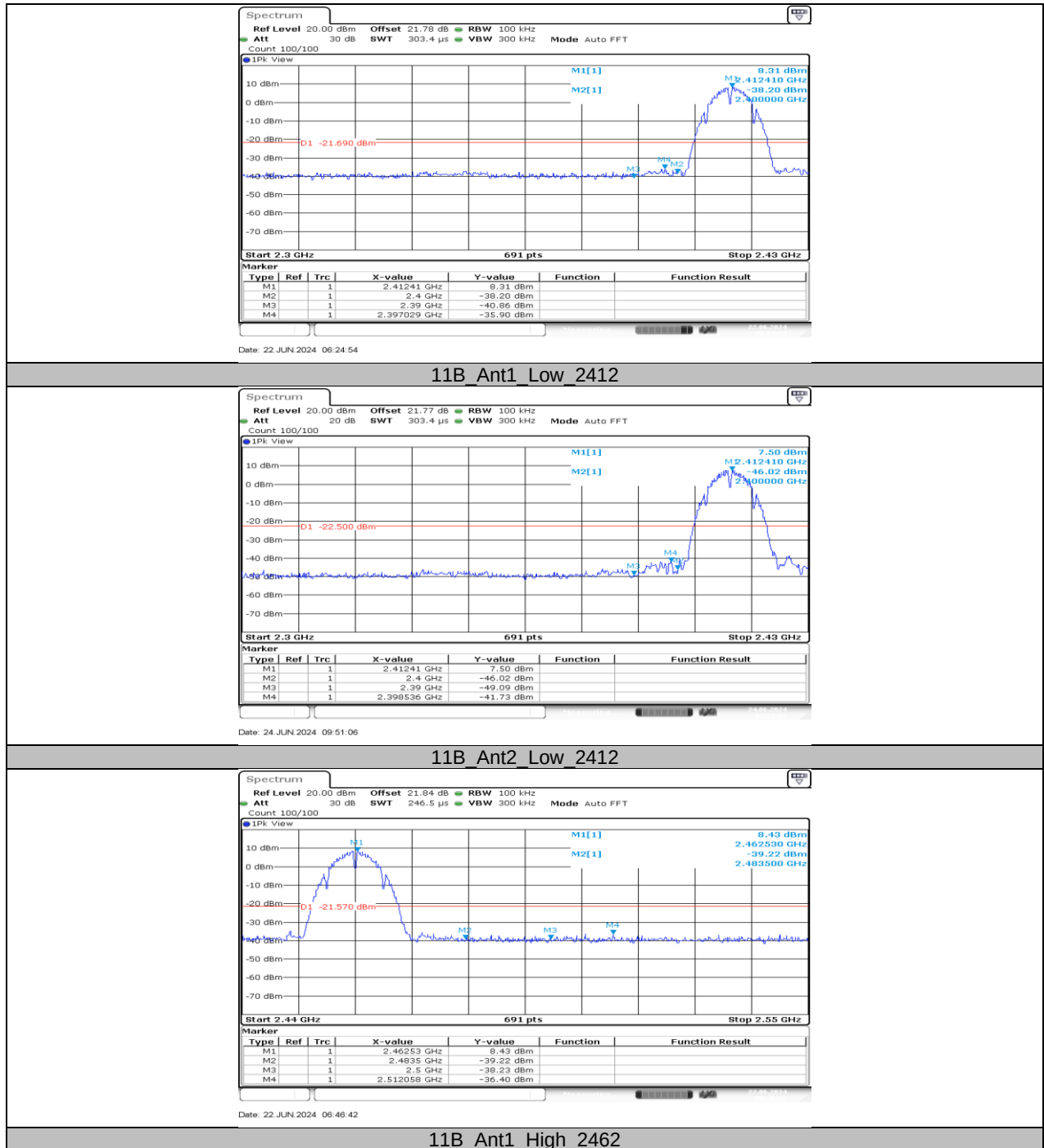


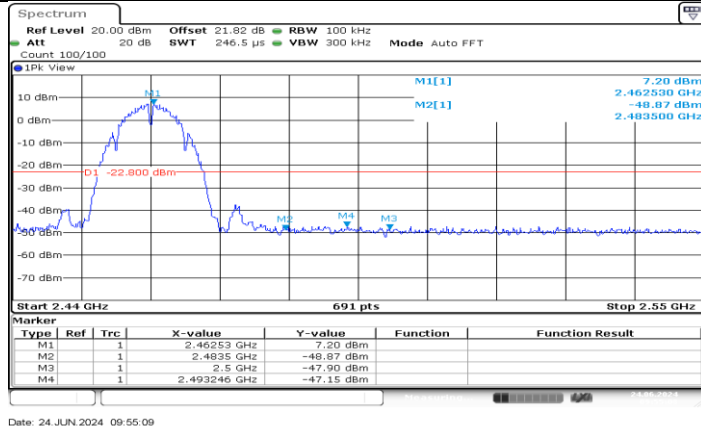
## 11.5. APPENDIX E: BAND EDGE MEASUREMENTS

### 11.5.1. Test Result

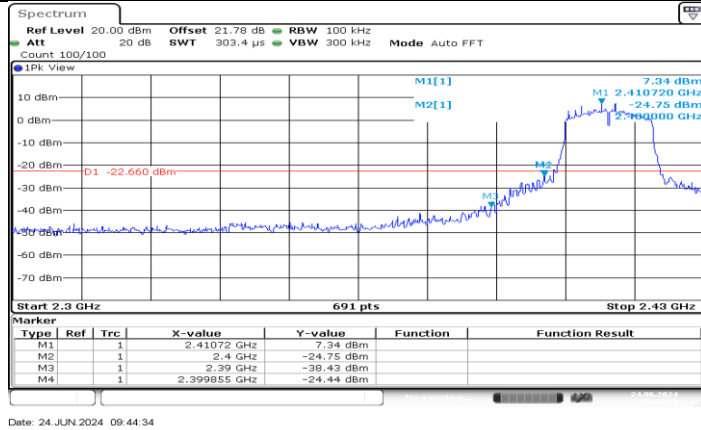
| Test Mode  | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------------|----------------|-------------|------------|---------|
| 11B        | Ant1    | Low    | 2412            | 8.31           | -35.9       | ≤-21.69    | PASS    |
|            | Ant2    | Low    | 2412            | 7.50           | -41.73      | ≤-22.5     | PASS    |
|            | Ant1    | High   | 2462            | 8.43           | -36.4       | ≤-21.57    | PASS    |
|            | Ant2    | High   | 2462            | 7.20           | -47.15      | ≤-22.8     | PASS    |
| 11G        | Ant1    | Low    | 2412            | 7.34           | -24.44      | ≤-22.66    | PASS    |
|            | Ant2    | Low    | 2412            | 6.39           | -24.71      | ≤-23.61    | PASS    |
|            | Ant1    | High   | 2462            | 5.48           | -36.91      | ≤-24.52    | PASS    |
|            | Ant2    | High   | 2462            | 5.57           | -38.24      | ≤-24.43    | PASS    |
| 11N20MIMO  | Ant1    | Low    | 2412            | 6.36           | -33.86      | ≤-23.64    | PASS    |
|            | Ant2    | Low    | 2412            | 4.81           | -35.58      | ≤-25.19    | PASS    |
|            | Ant1    | High   | 2462            | 3.64           | -45.3       | ≤-26.36    | PASS    |
|            | Ant2    | High   | 2462            | 4.39           | -44.38      | ≤-25.61    | PASS    |
| 11N40MIMO  | Ant1    | Low    | 2422            | 2.88           | -38.01      | ≤-27.12    | PASS    |
|            | Ant2    | Low    | 2422            | 1.80           | -39.49      | ≤-28.2     | PASS    |
|            | Ant1    | High   | 2452            | 2.30           | -34.8       | ≤-27.7     | PASS    |
|            | Ant2    | High   | 2452            | 2.11           | -38.78      | ≤-27.89    | PASS    |
| 11AX20MIMO | Ant1    | Low    | 2412            | 3.22           | -42.59      | ≤-26.78    | PASS    |
|            | Ant2    | Low    | 2412            | 1.98           | -43.3       | ≤-28.02    | PASS    |
|            | Ant1    | High   | 2462            | 3.63           | -46         | ≤-26.37    | PASS    |
|            | Ant2    | High   | 2462            | 1.70           | -46.13      | ≤-28.3     | PASS    |
| 11AX40MIMO | Ant1    | Low    | 2422            | 0.85           | -40.53      | ≤-29.15    | PASS    |
|            | Ant2    | Low    | 2422            | -0.16          | -41.91      | ≤-30.16    | PASS    |
|            | Ant1    | High   | 2452            | 0.82           | -40.03      | ≤-29.18    | PASS    |
|            | Ant2    | High   | 2452            | -0.70          | -41.98      | ≤-30.7     | PASS    |

## 11.5.2. Test Graphs

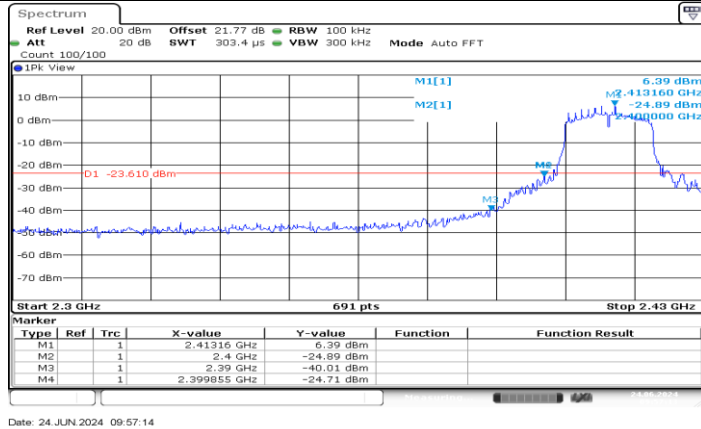




### 11B Ant2 High 2462



### 11G Ant1 Low 2412



### 11G Ant2 Low 2412