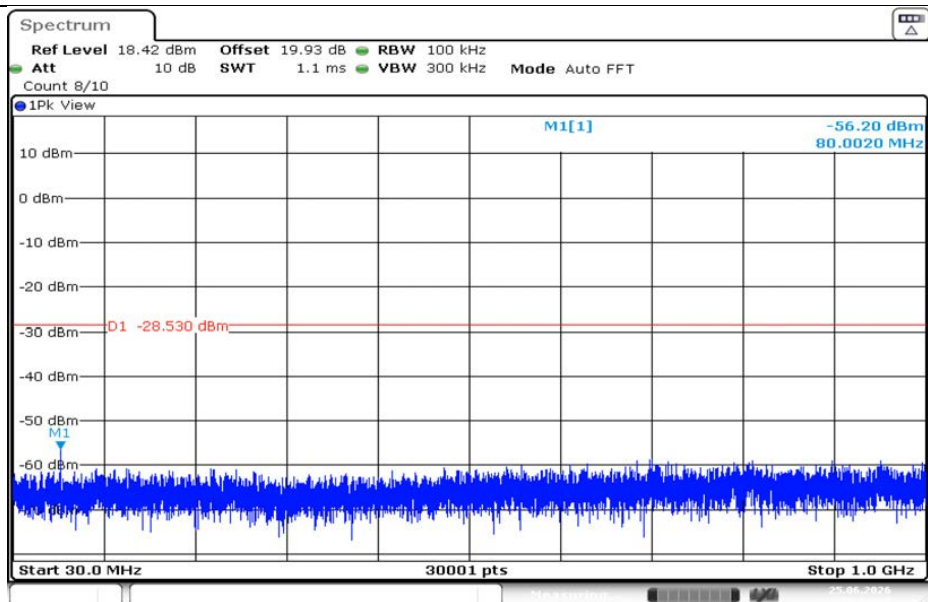
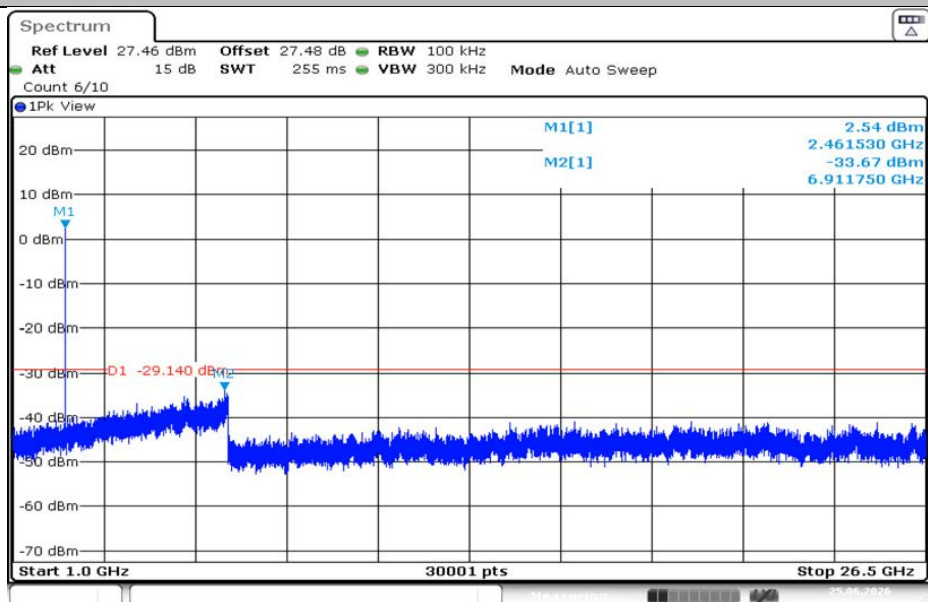
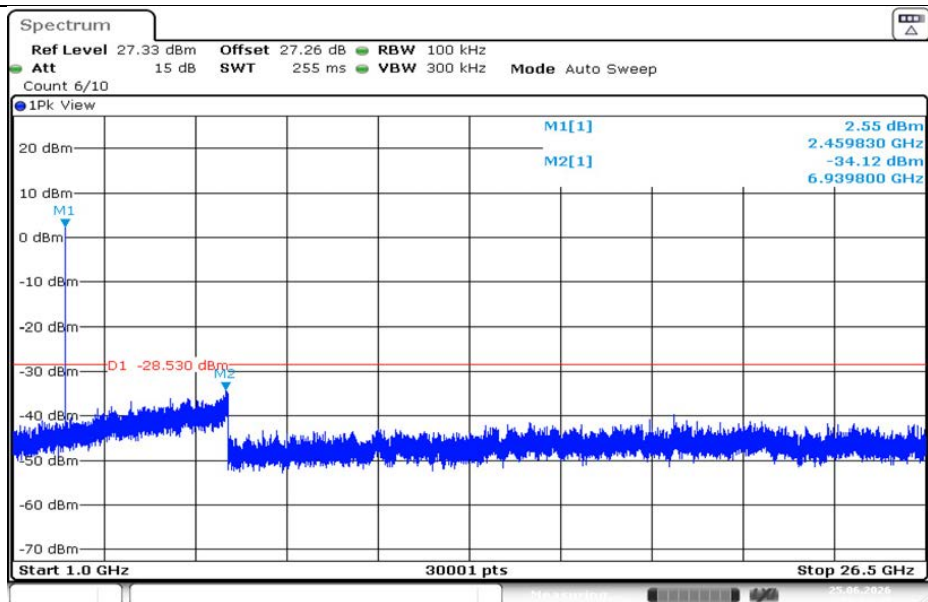




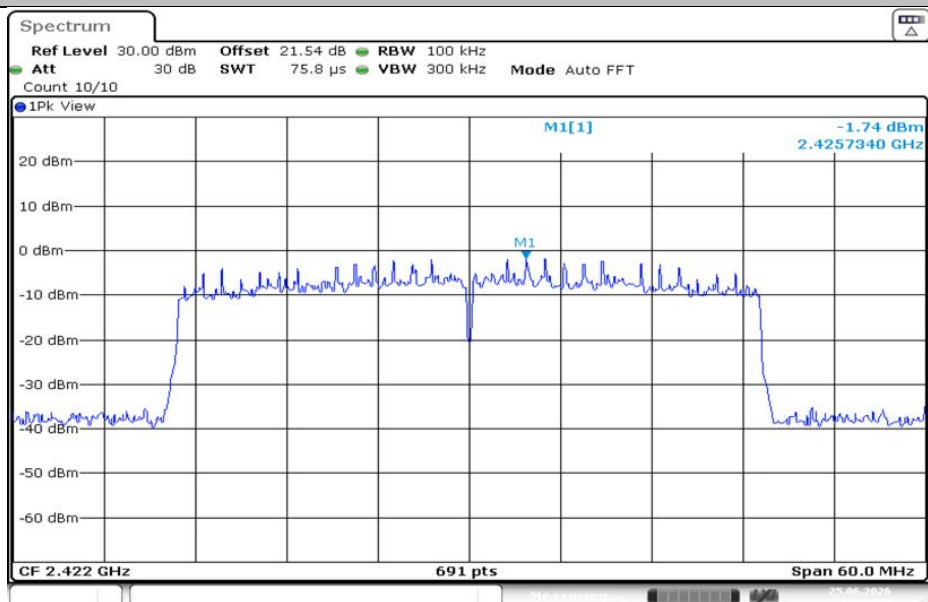
11AX20MIMO-Ant2-2462-30~1000-PASS



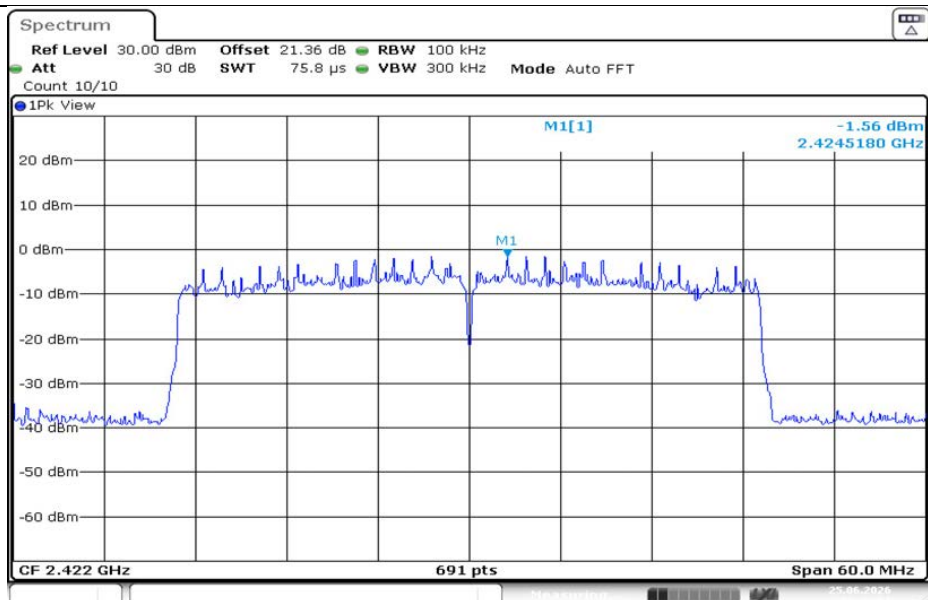
11AX20MIMO-Ant1-2462-1000~26500-PASS



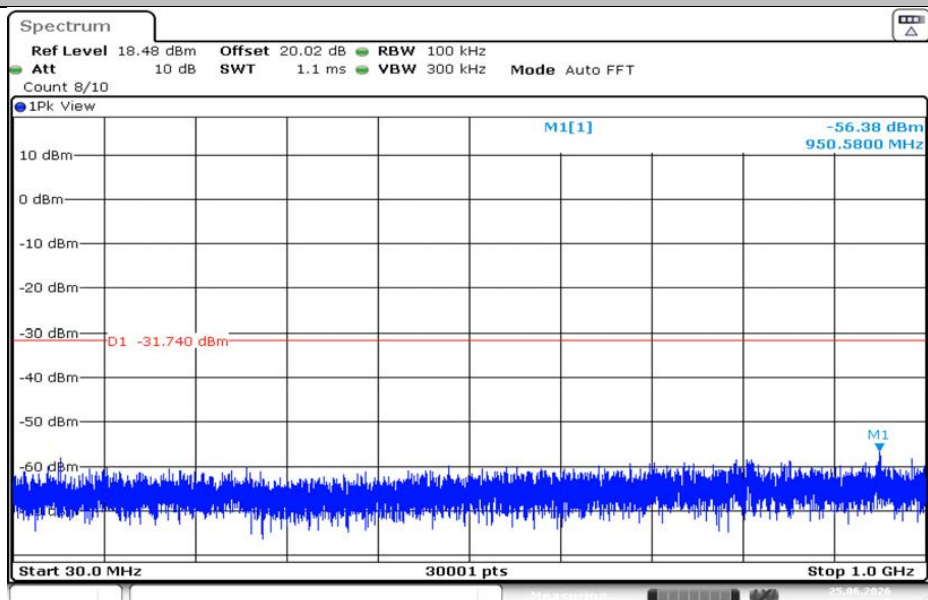
11AX20MIMO-Ant2-2462-1000~26500-PASS



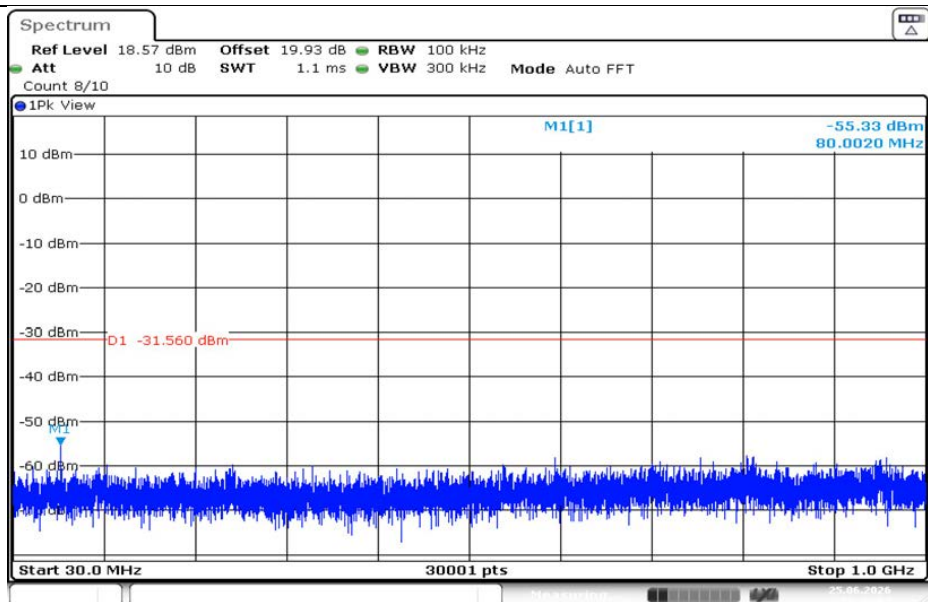
11AX40MIMO-Ant1-2422-0~Reference-PASS



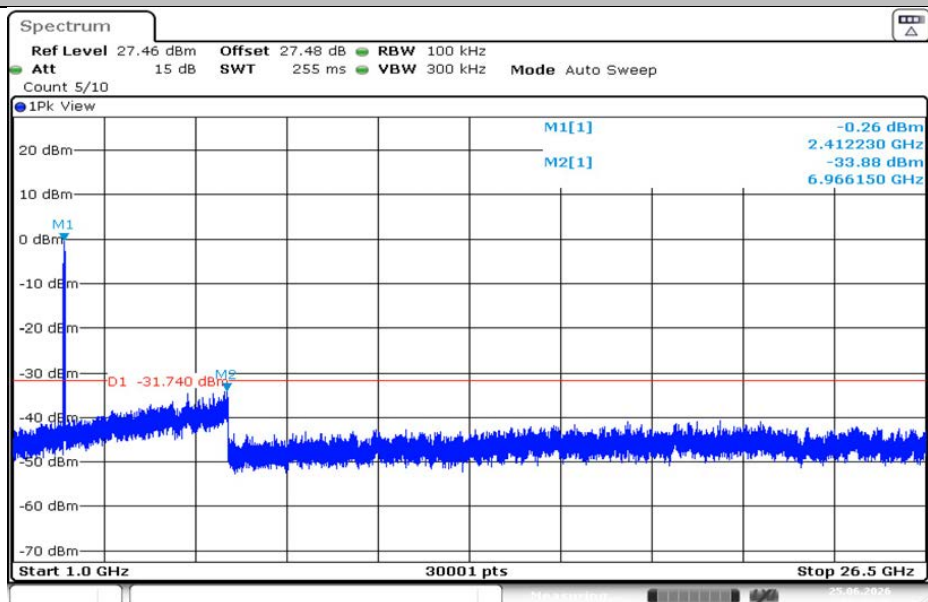
11AX40MIMO-Ant2-2422-0~Reference-PASS



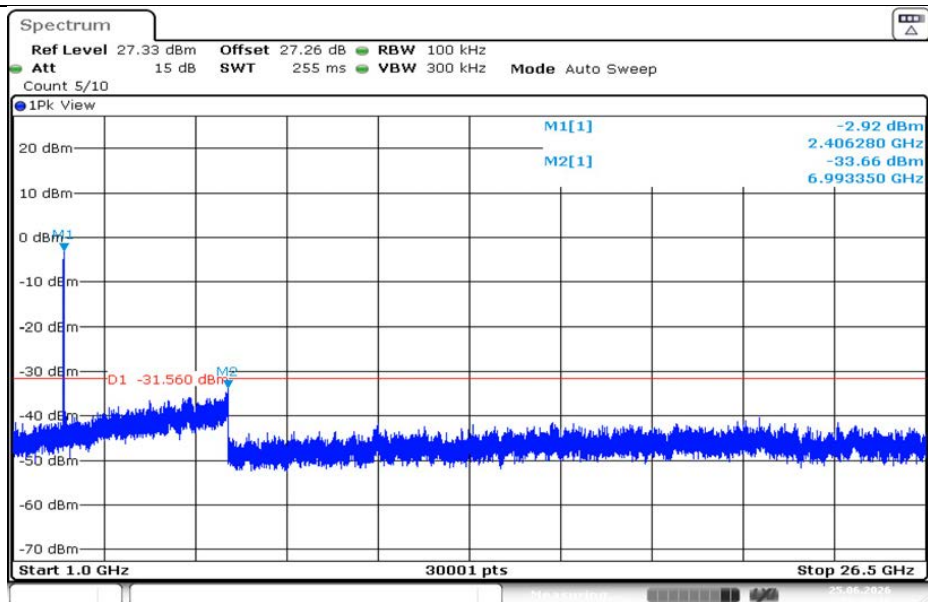
11AX40MIMO-Ant1-2422-30~1000-PASS



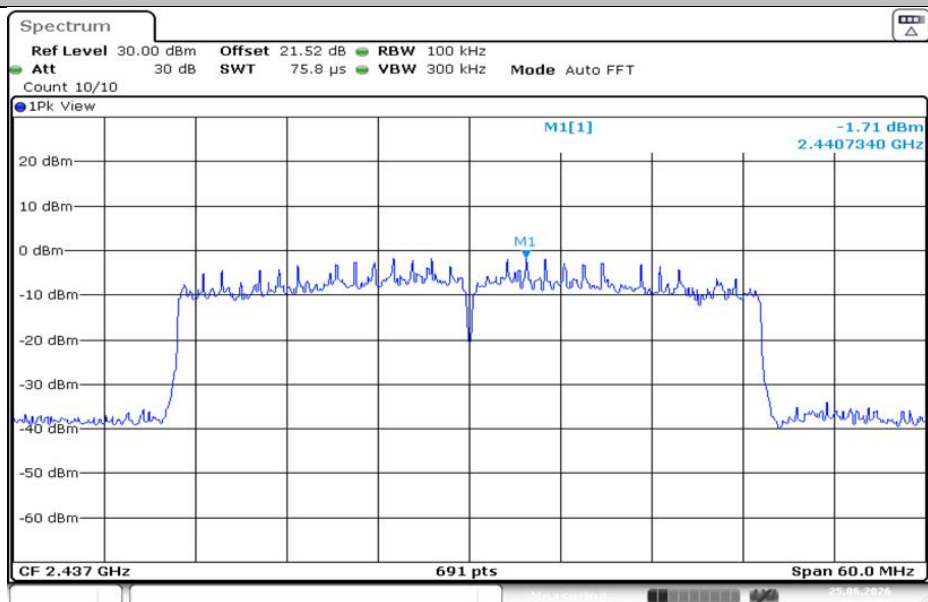
11AX40MIMO-Ant2-2422-30~1000-PASS



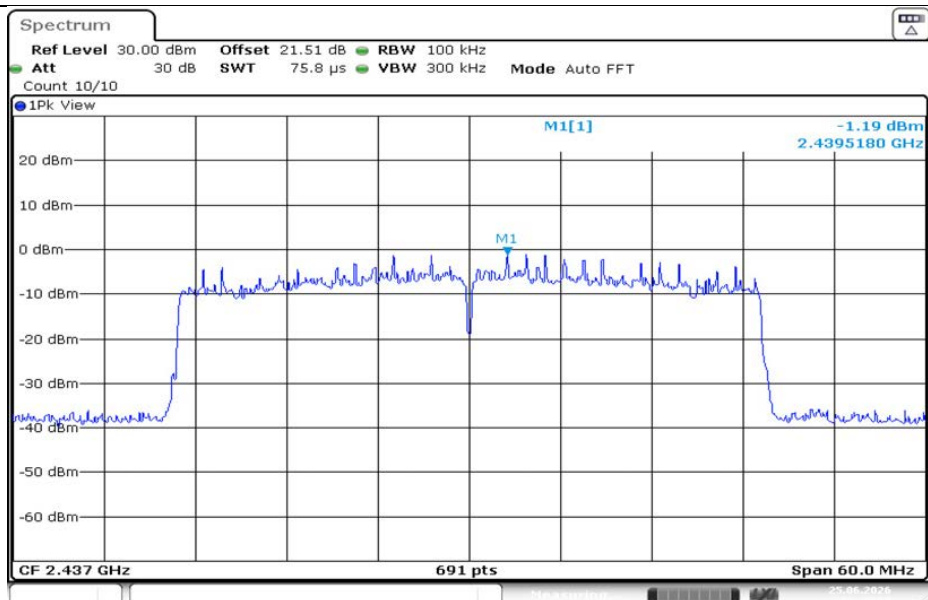
11AX40MIMO-Ant1-2422-1000~26500-PASS



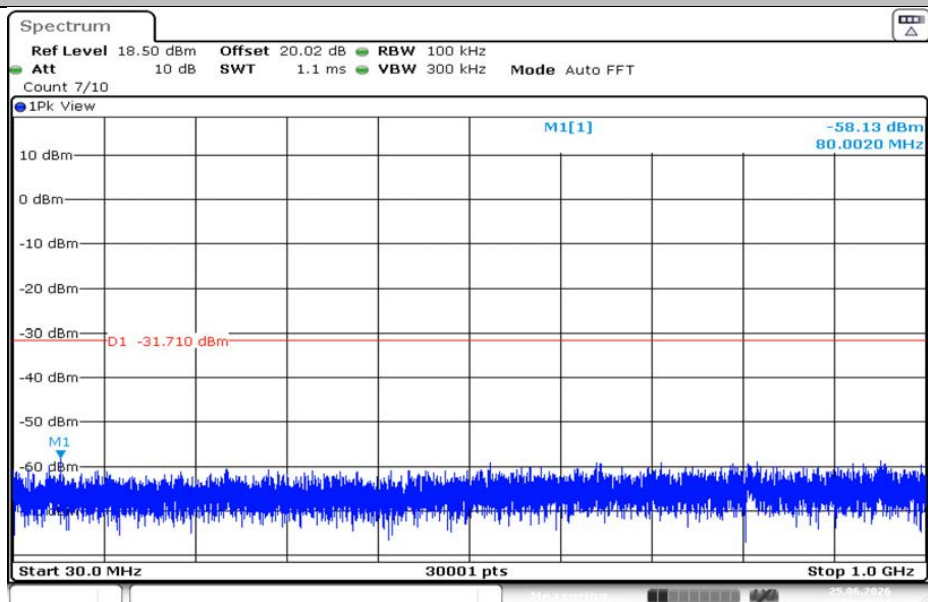
11AX40MIMO-Ant2-2422-1000~26500-PASS



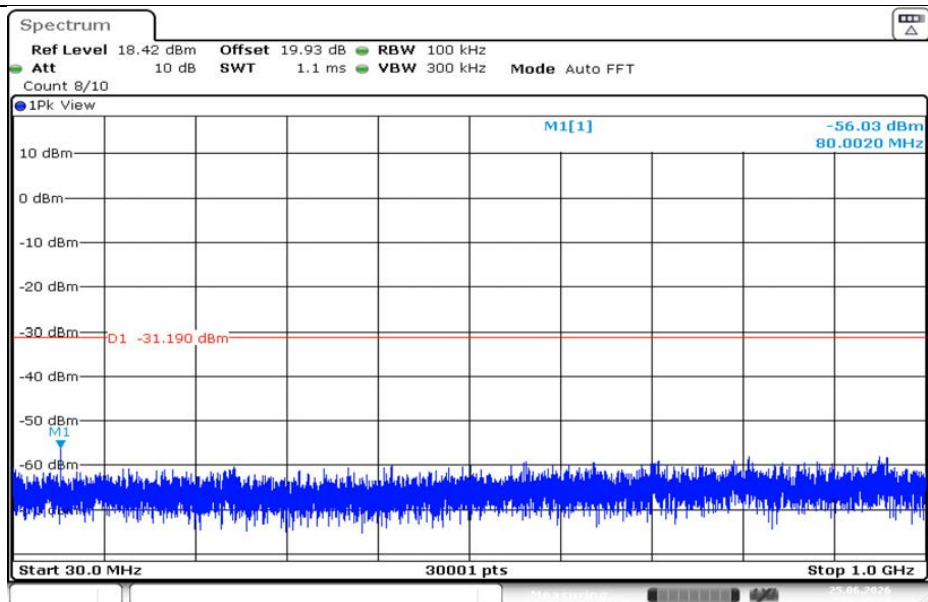
11AX40MIMO-Ant1-2437-0~Reference-PASS



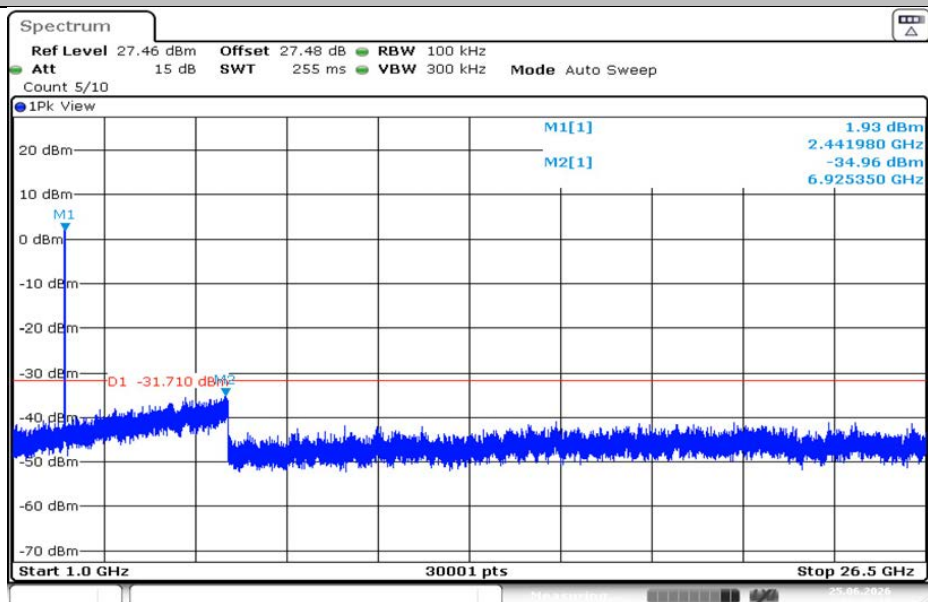
11AX40MIMO-Ant2-2437-0~Reference-PASS



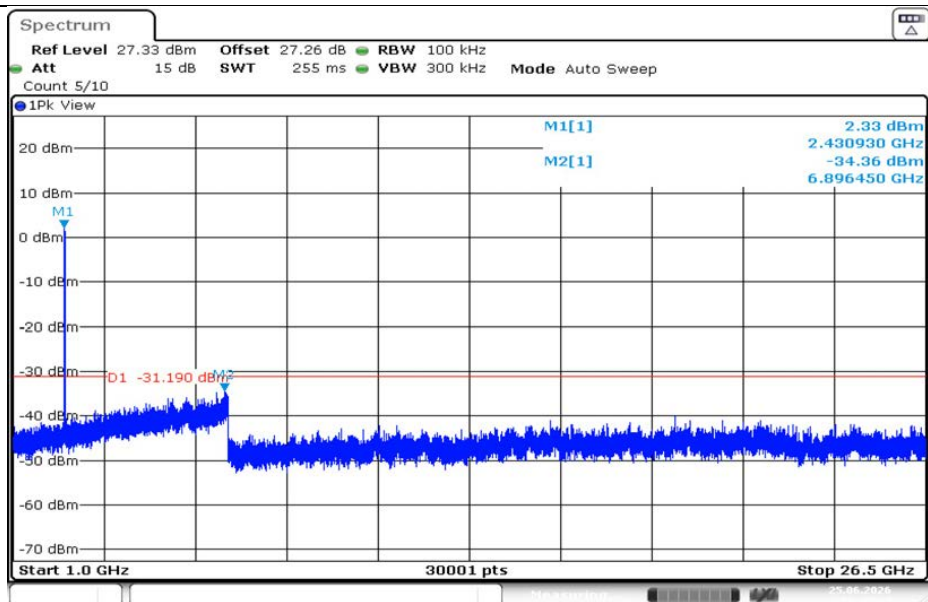
11AX40MIMO-Ant1-2437-30~1000-PASS



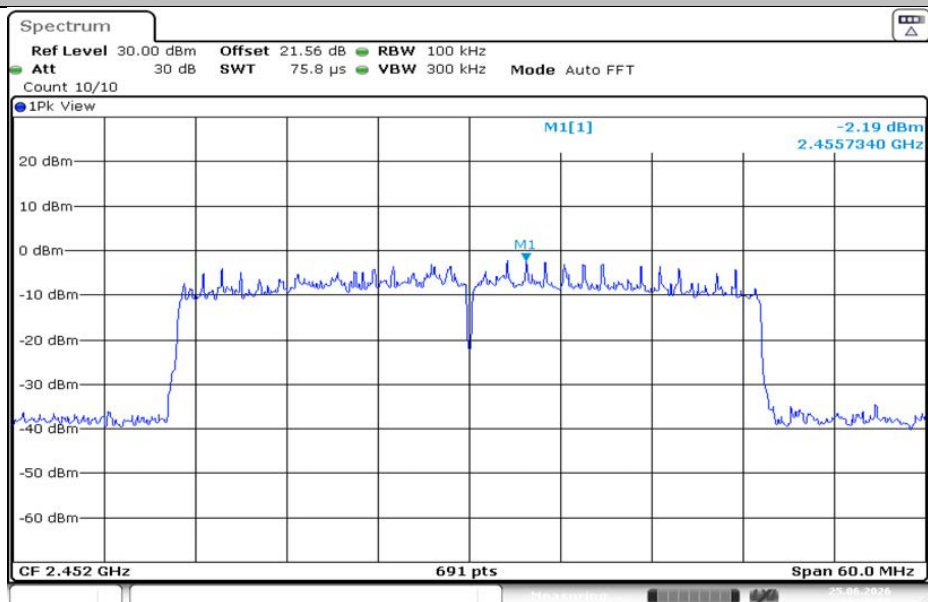
11AX40MIMO-Ant2-2437-30~1000-PASS



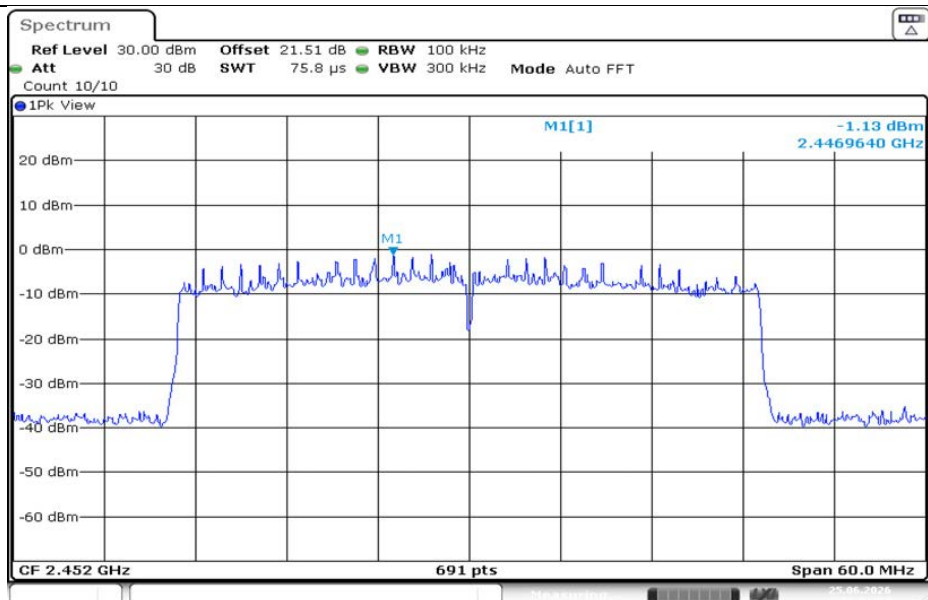
11AX40MIMO-Ant1-2437-1000~26500-PASS



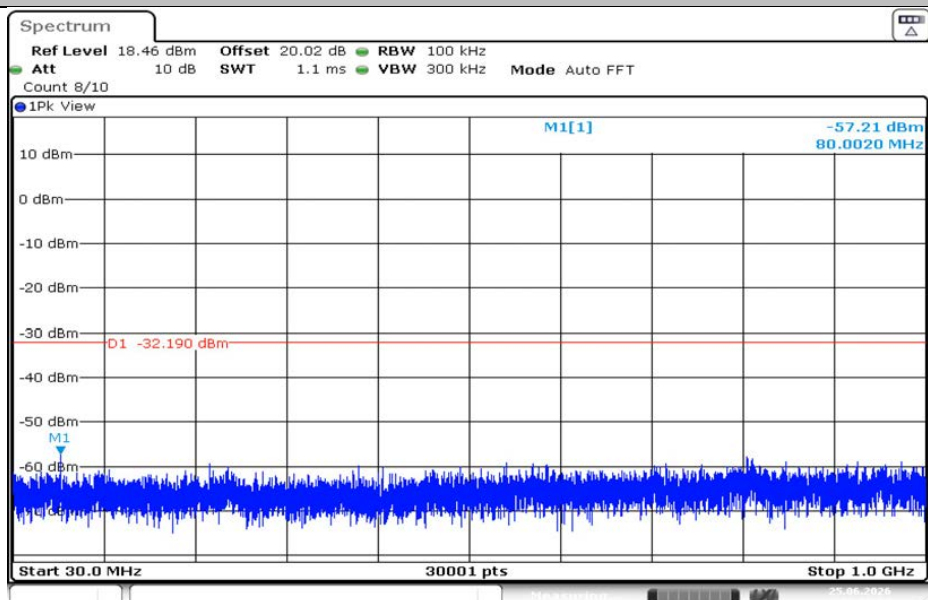
11AX40MIMO-Ant2-2437-1000~26500-PASS



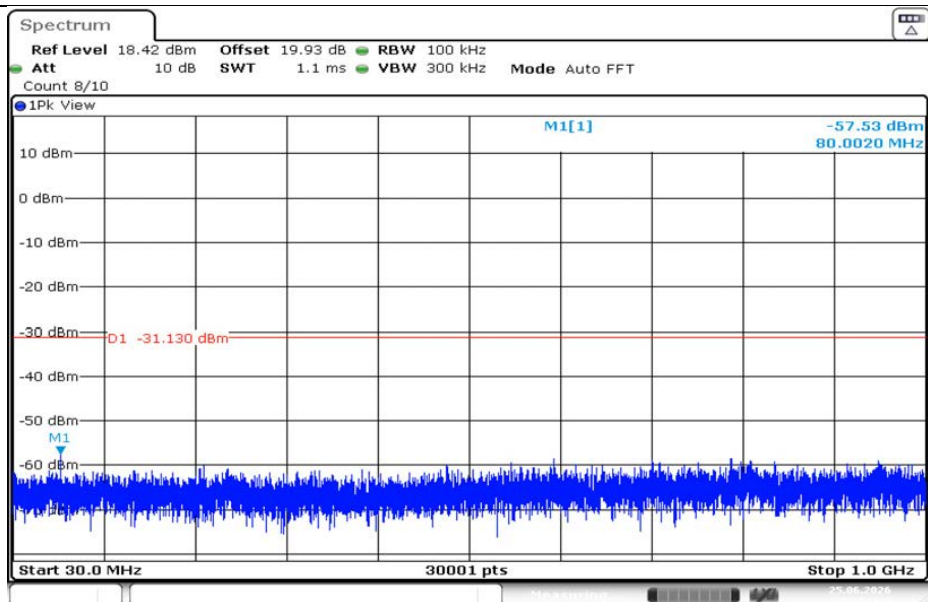
11AX40MIMO-Ant1-2452-0~Reference-PASS



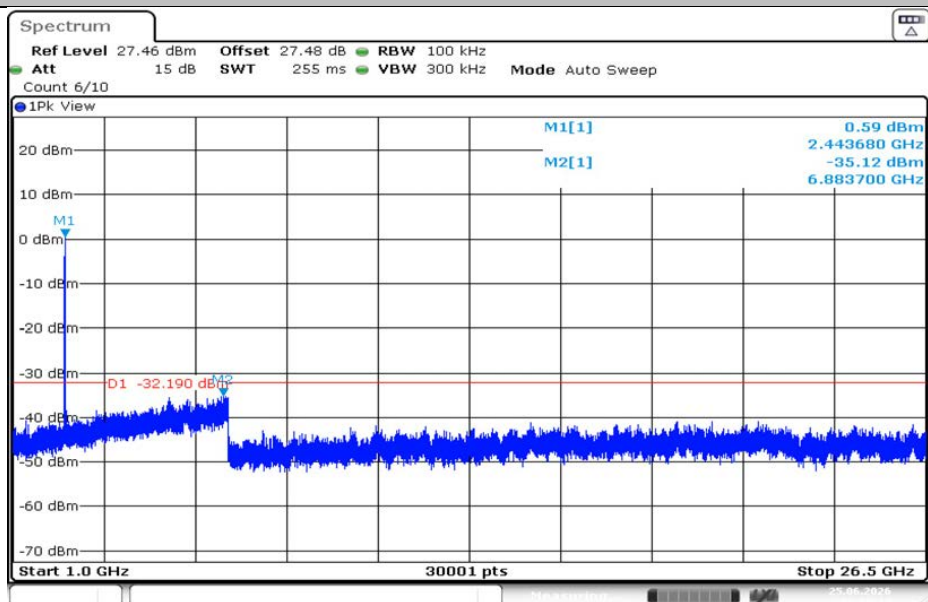
11AX40MIMO-Ant2-2452-0~Reference-PASS



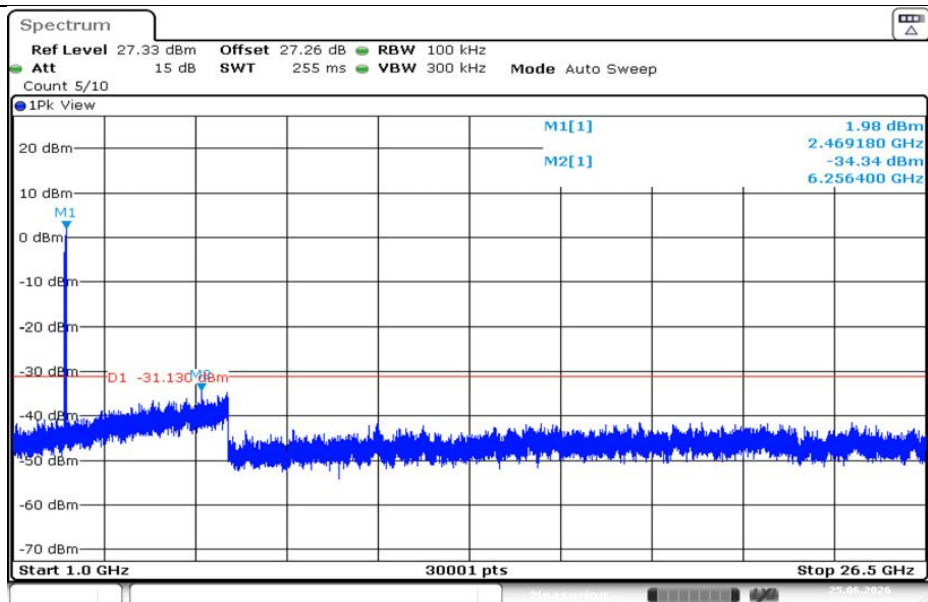
11AX40MIMO-Ant1-2452-30~1000-PASS



11AX40MIMO-Ant2-2452-30~1000-PASS

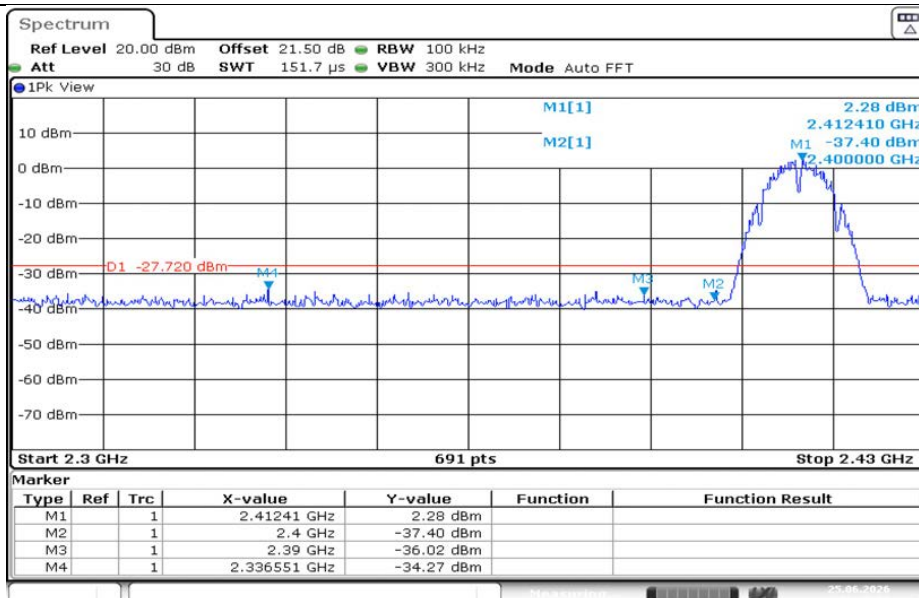


11AX40MIMO-Ant1-2452-1000~26500-PASS

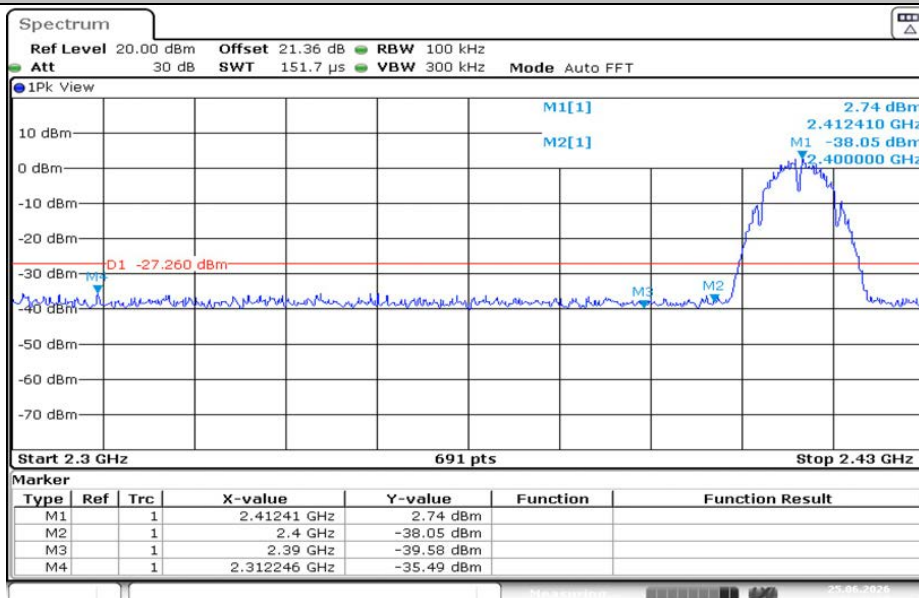


11AX40MIMO-Ant2-2452-1000~26500-PASS

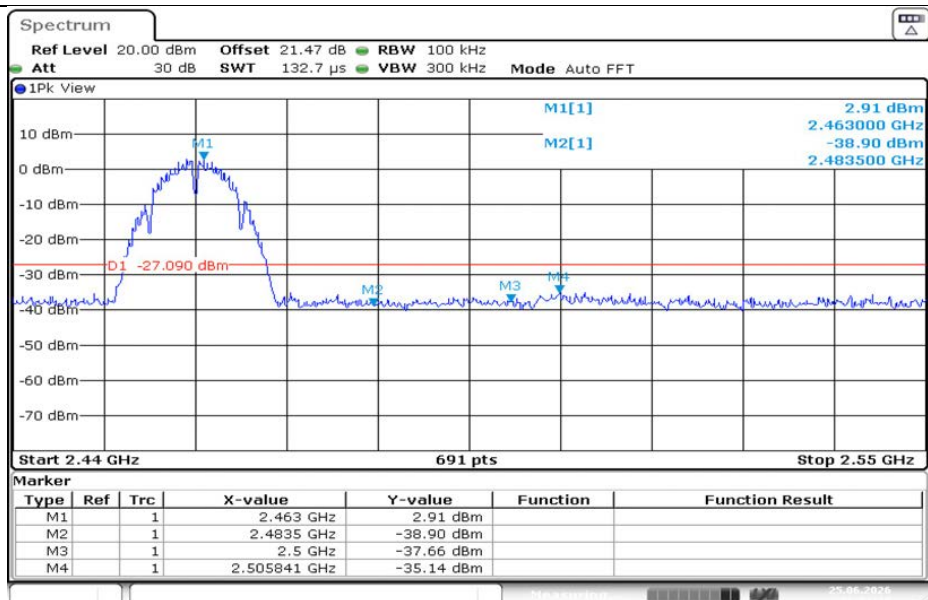
## Band edge



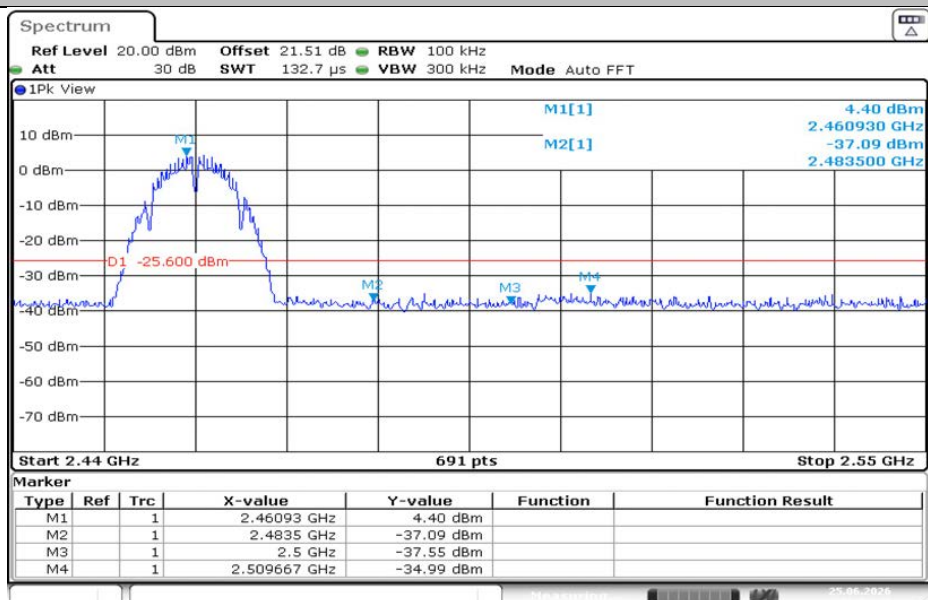
11B-CDD-Ant1-2412-PASS



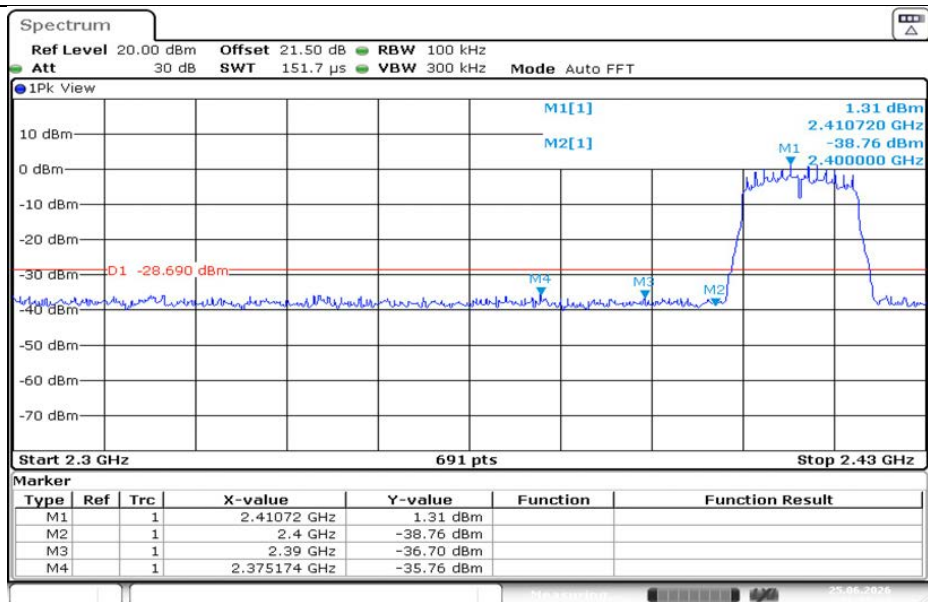
11B-CDD-Ant2-2412-PASS



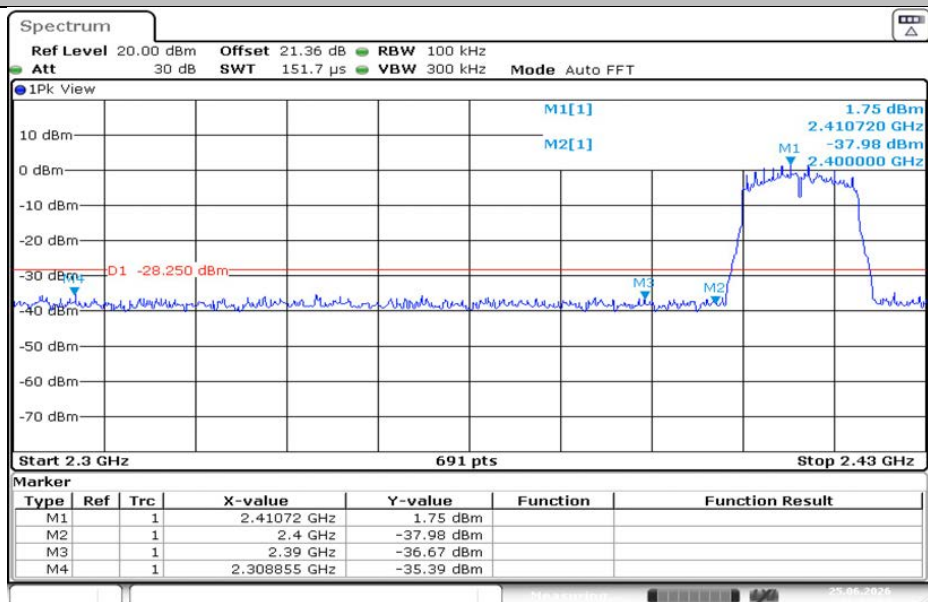
11B-CDD-Ant1-2462-PASS



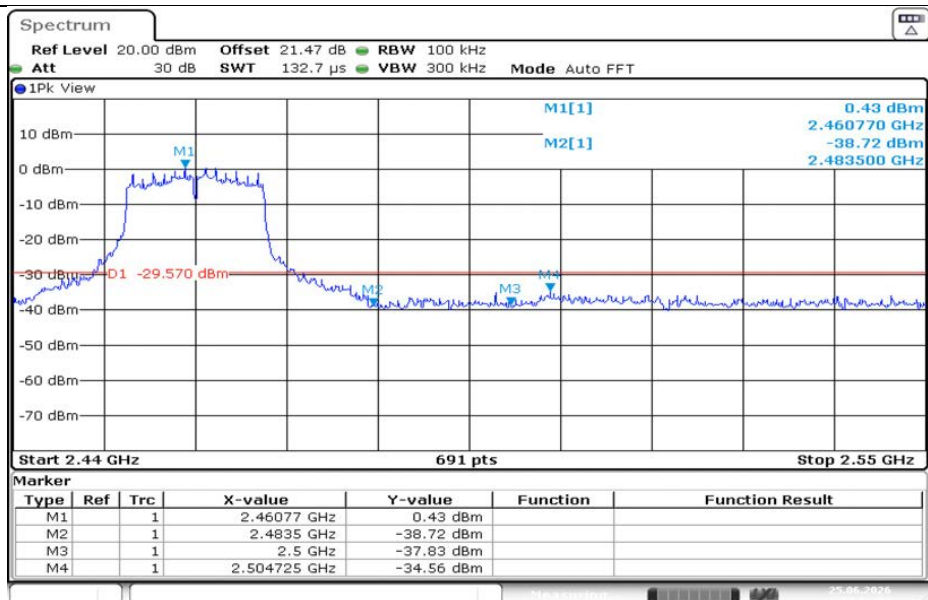
11B-CDD-Ant2-2462-PASS



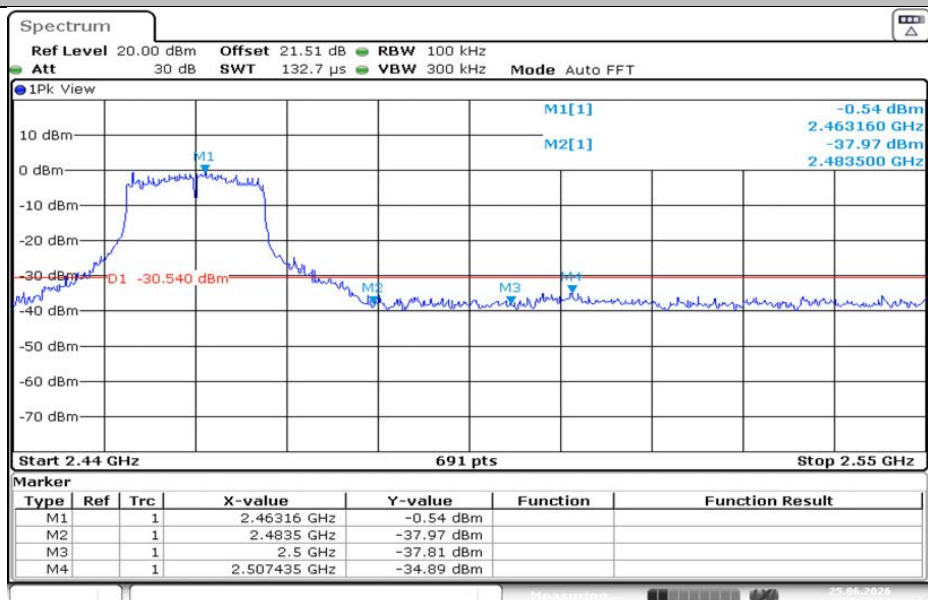
11G-CDD-Ant1-2412-PASS



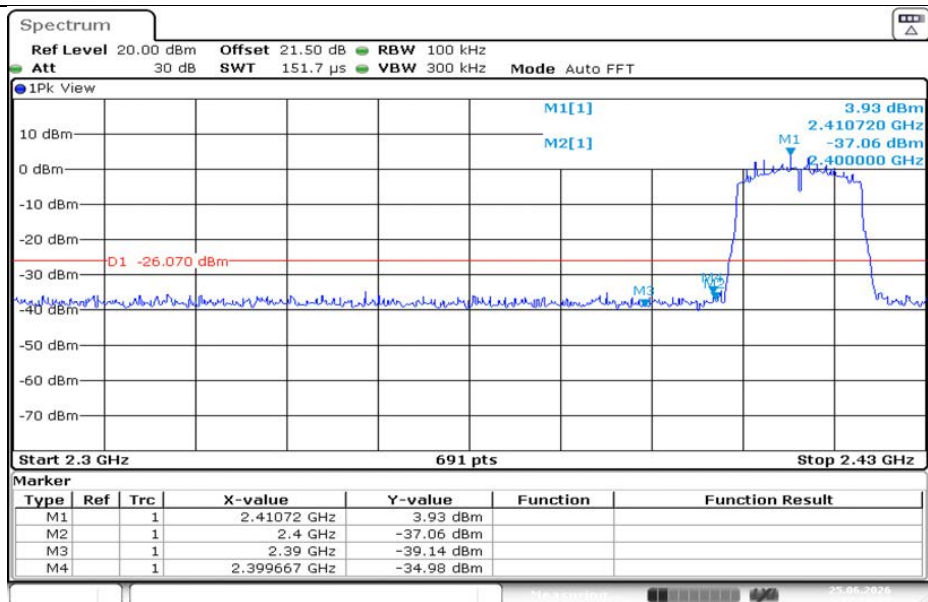
11G-CDD-Ant2-2412-PASS



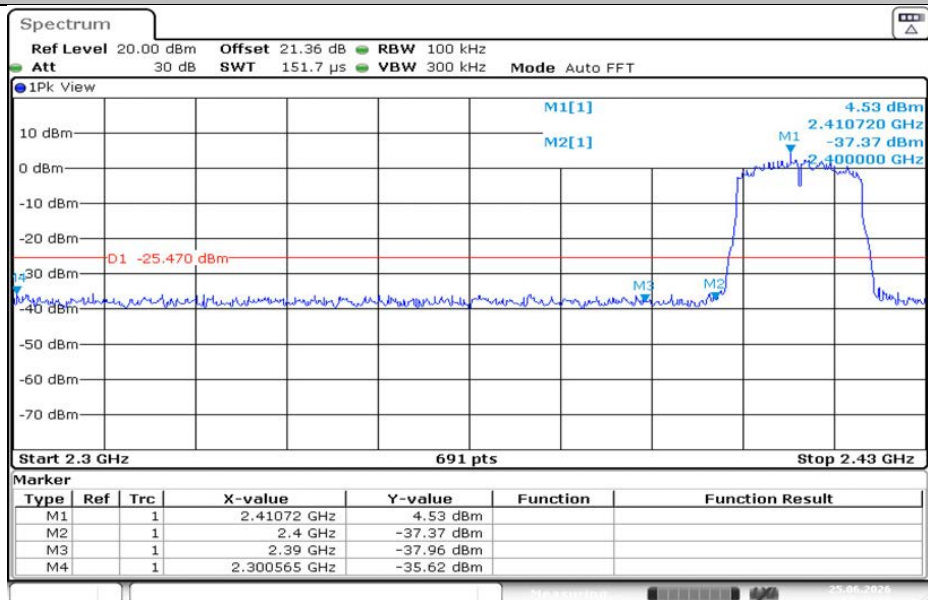
11G-CDD-Ant1-2462-PASS



11G-CDD-Ant2-2462-PASS



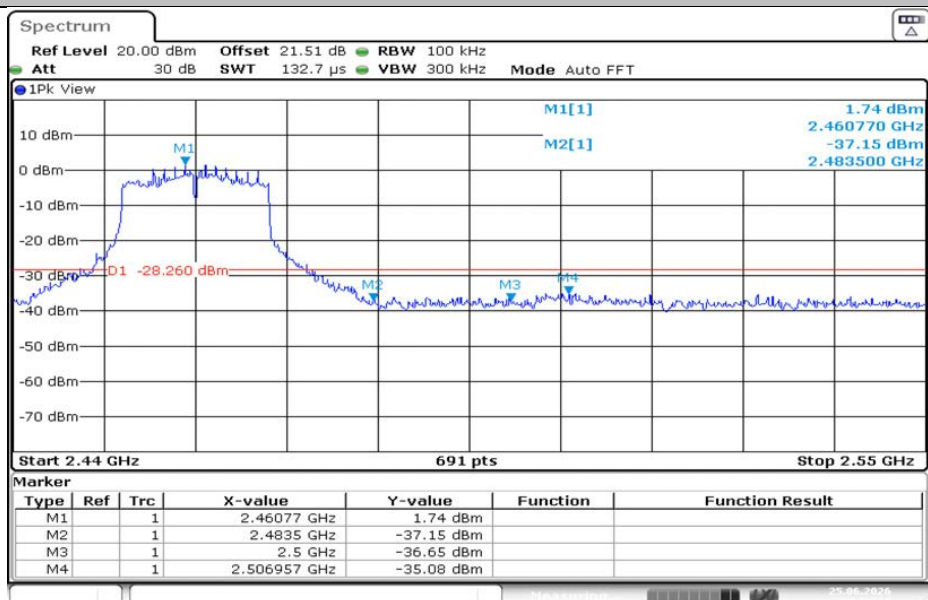
11N20MIMO-Ant1-2412-PASS



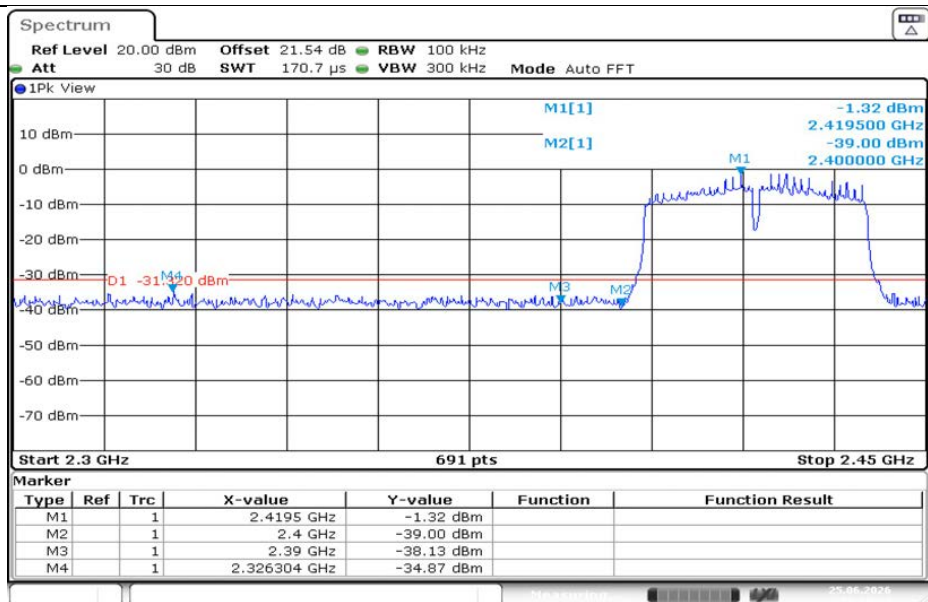
11N20MIMO-Ant2-2412-PASS



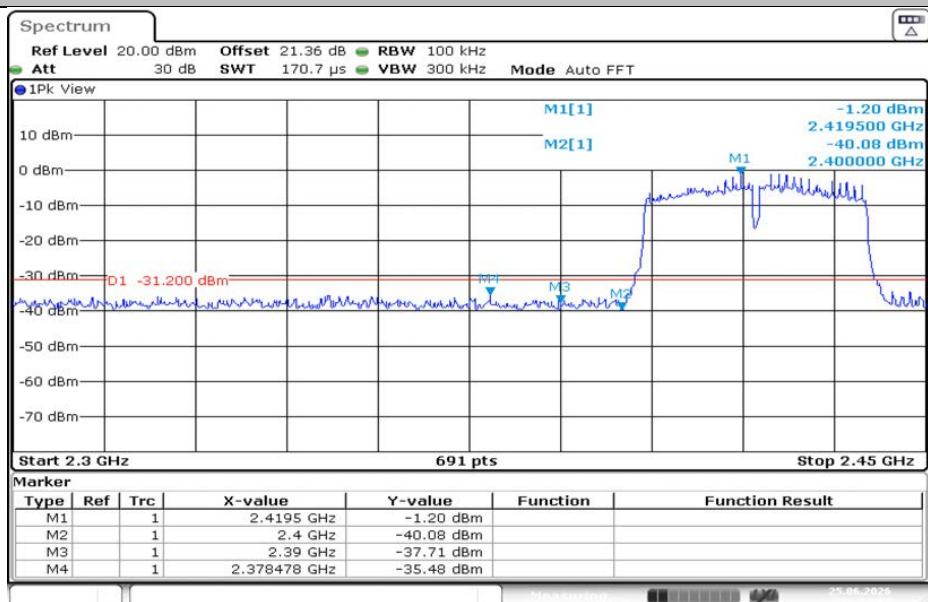
11N20MIMO-Ant1-2462-PASS



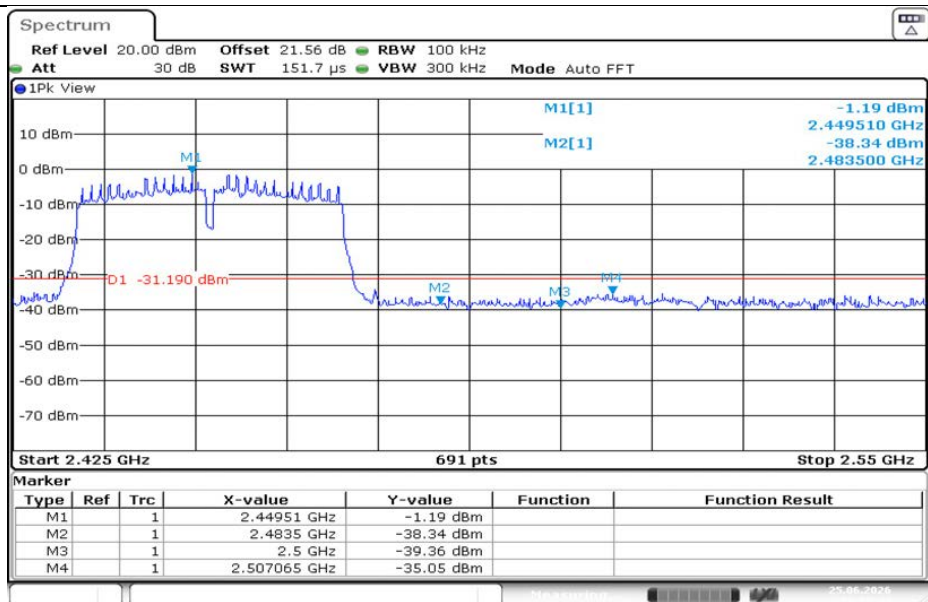
11N20MIMO-Ant2-2462-PASS



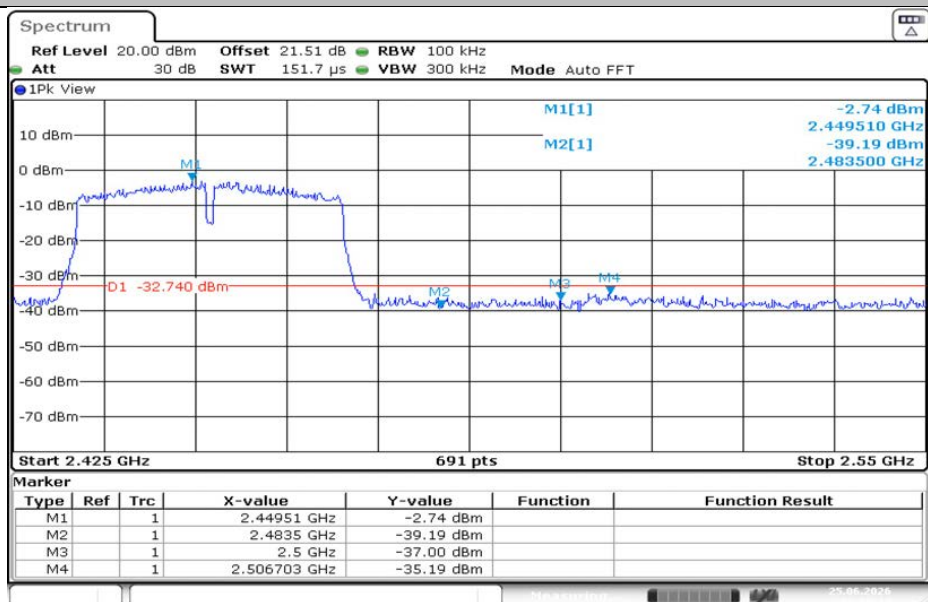
11N40MIMO-Ant1-2422-PASS



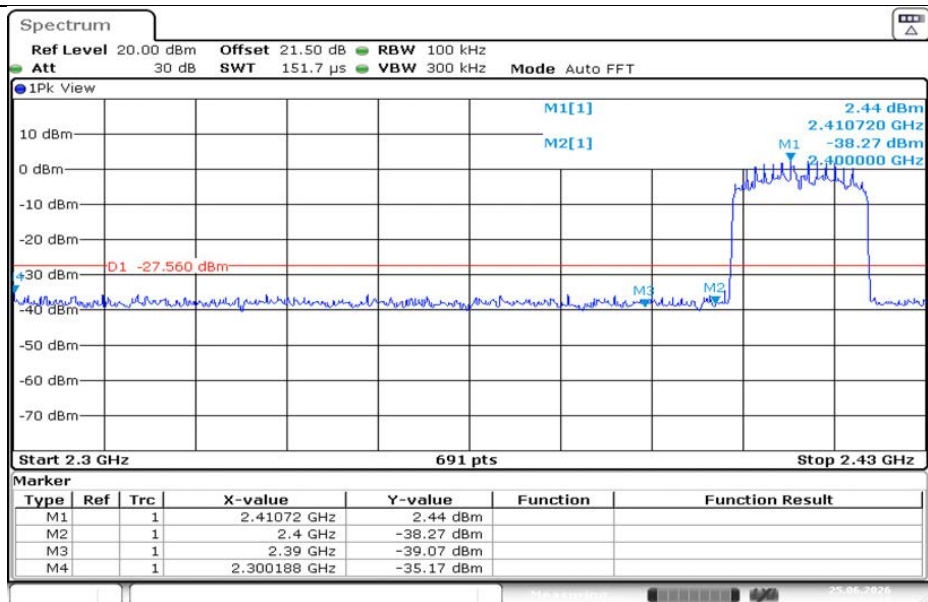
11N40MIMO-Ant2-2422-PASS



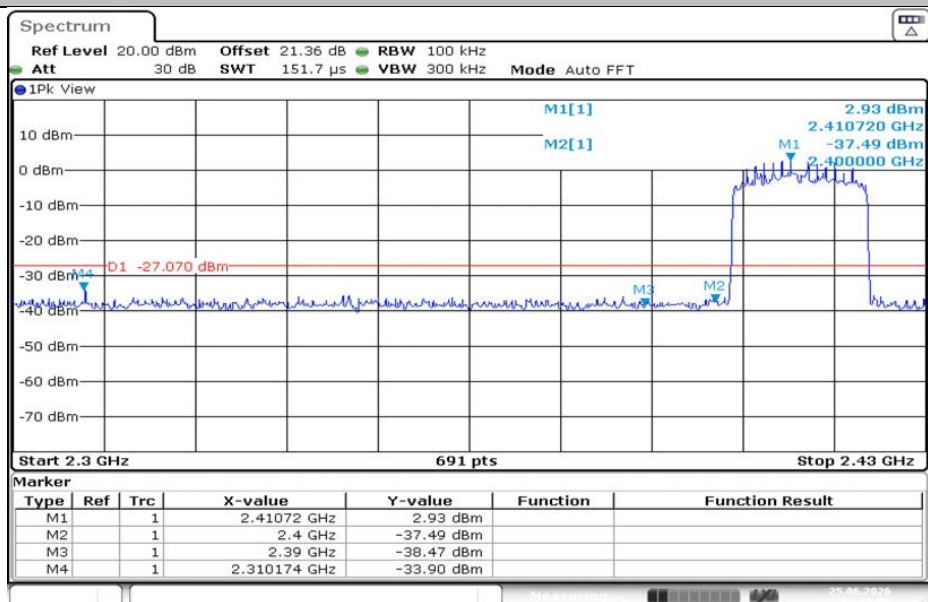
11N40MIMO-Ant1-2452-PASS



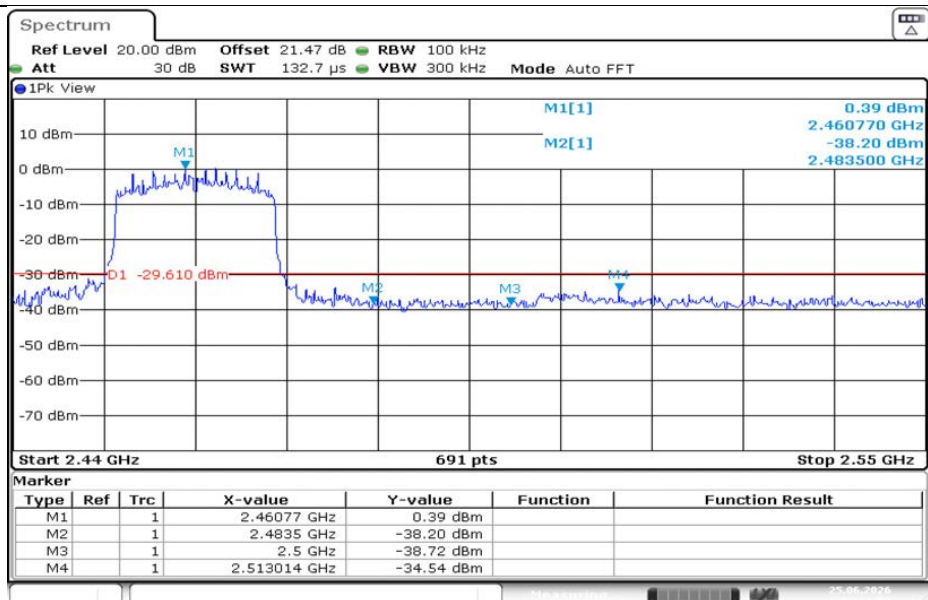
11N40MIMO-Ant2-2452-PASS



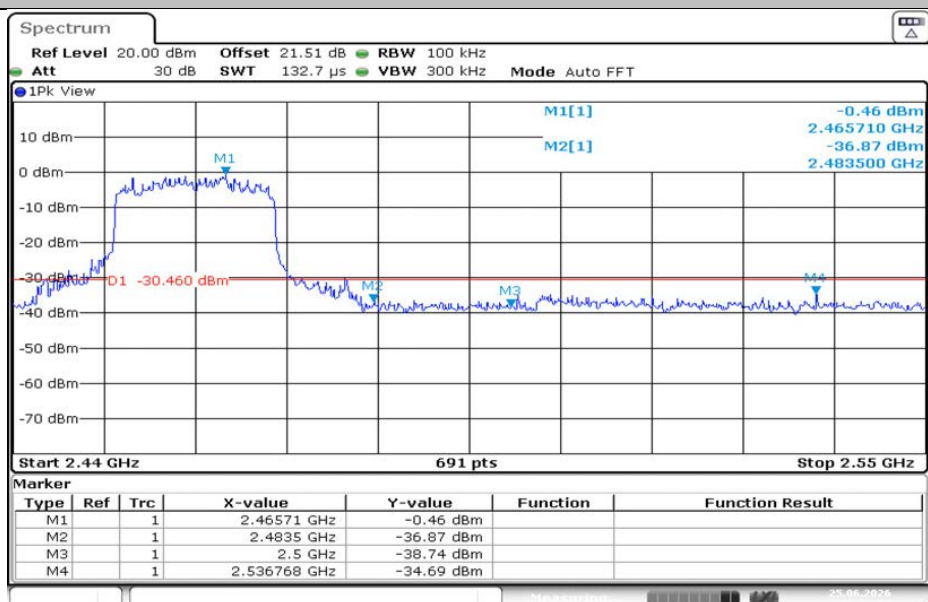
11AX20MIMO-Ant1-2412-PASS



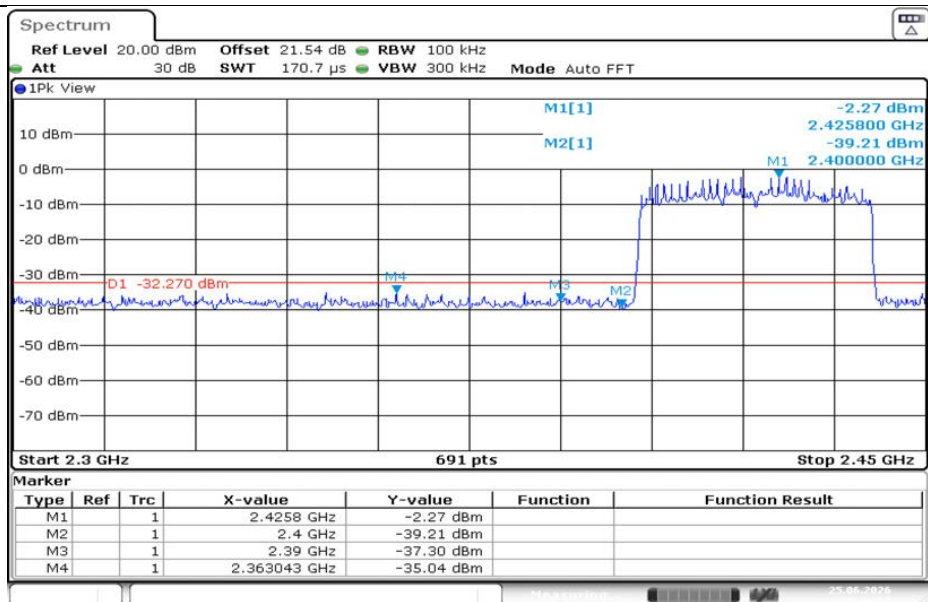
11AX20MIMO-Ant2-2412-PASS



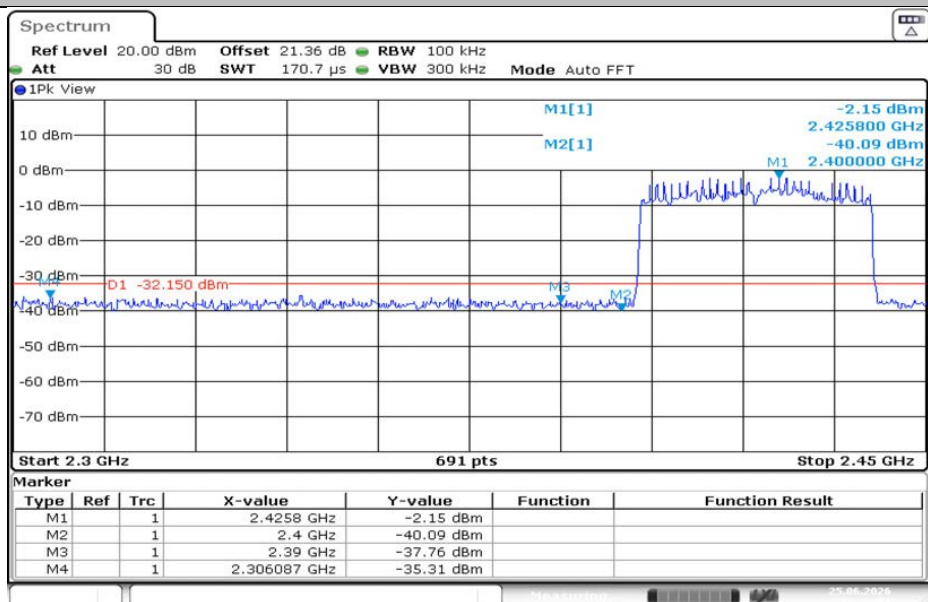
11AX20MIMO-Ant1-2462-PASS



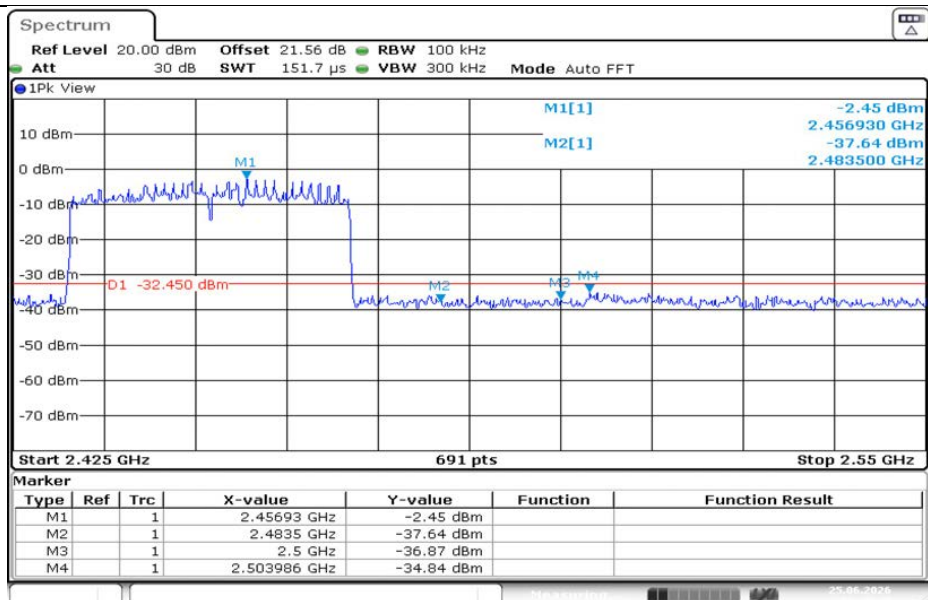
11AX20MIMO-Ant2-2462-PASS



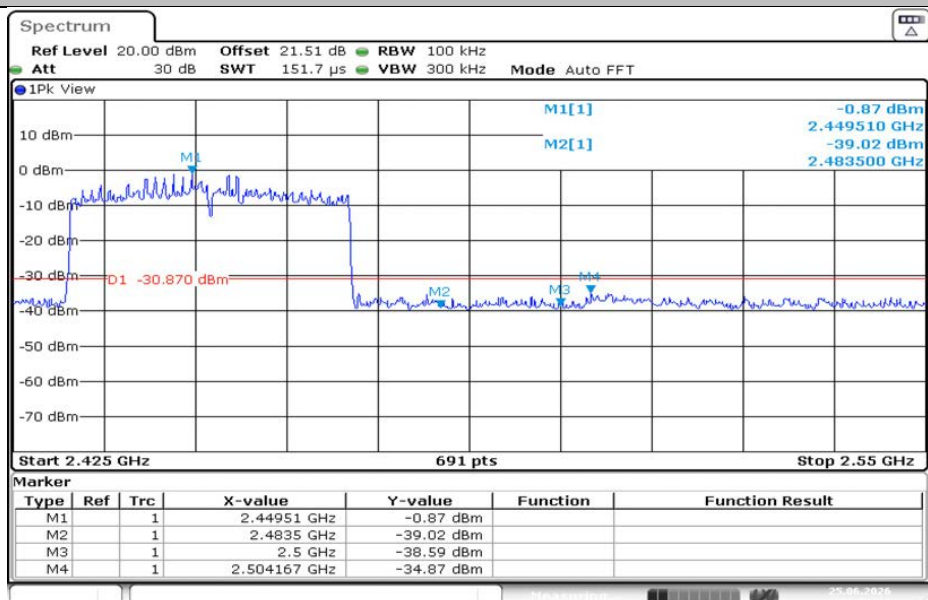
11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS

### 3.4 6dB Bandwidth

#### 3.4.1 Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

#### 3.4.2 Test Procedure

| Test Method                                                                   |                                                  |
|-------------------------------------------------------------------------------|--------------------------------------------------|
| <input checked="" type="radio"/> Conducted Measurement                        | <input type="radio"/> Radiated Measurement       |
| Test Channels                                                                 |                                                  |
| <input checked="" type="radio"/> Lowest, Middle and Highest Channel           | <input type="radio"/> Lowest and Highest Channel |
| Environmental conditions                                                      |                                                  |
| <input checked="" type="radio"/> Normal                                       | <input type="radio"/> Normal and Extreme         |
| Note: <input checked="" type="radio"/> : Test <input type="radio"/> : No Test |                                                  |

a) The EUT was connected to the tonscond test system, and the spectrum analyser is set as follow:

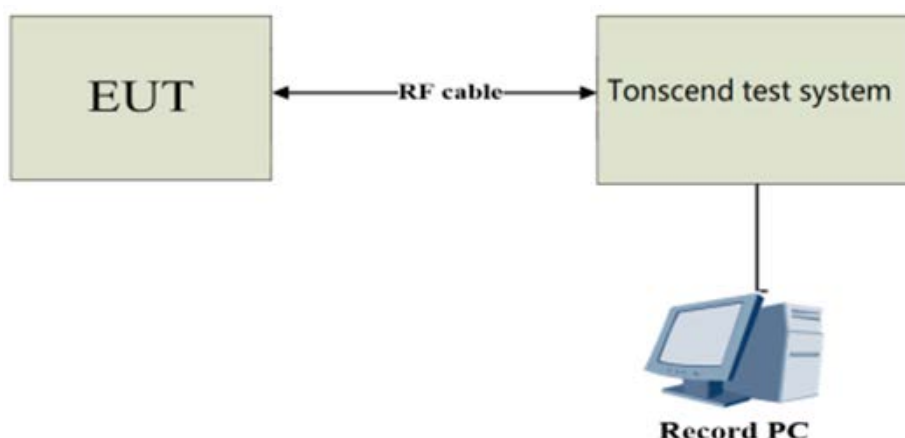
|                  |                                                |
|------------------|------------------------------------------------|
| Centre Frequency | The centre frequency of the channel under test |
| RBW              | 1%~5% OBW but not less than 100 kHz.           |
| VBW              | $\geq 3$ RBW                                   |
| Frequency span   | 2x Nominal Channel Bandwidth                   |
| Detector Mode    | Peak                                           |
| Trace Mode       | Max Hold                                       |
| Sweep Time       | Auto Couple                                    |

b) Wait for the trace to stabilize then find the peak value of the trace and place the analyser marker on this peak.

c) Use the -6dB bandwidth function of the spectrum analyser to measure the 6dB Bandwidth of the EUT. This value shall be recorded.

d) Make sure that the power envelope is sufficiently above the noise floor of the analyser to avoid the noise signals left and right from the power envelope being taken into account by this measurement.

#### 3.4.3 Test Setup

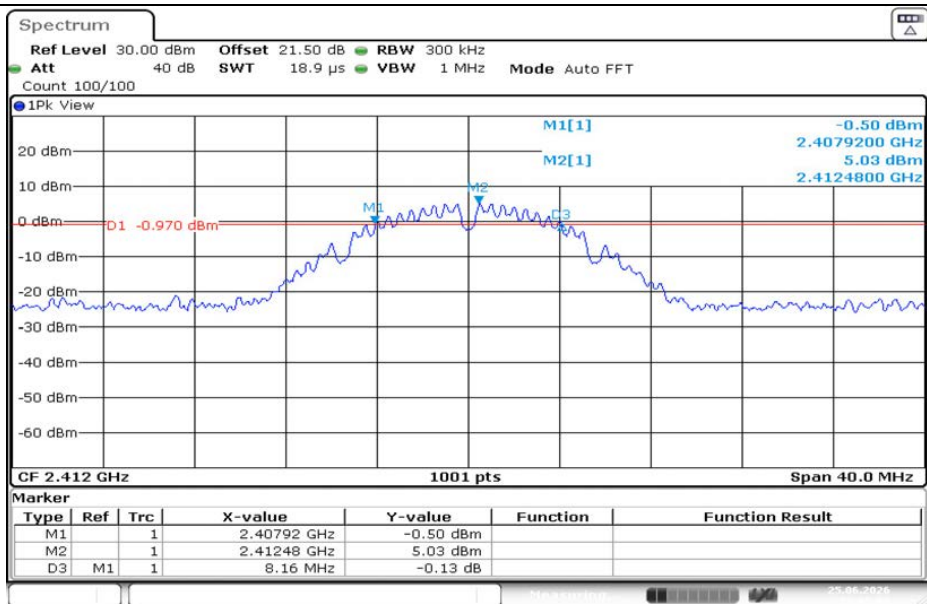


### 3.4.4 Test Result

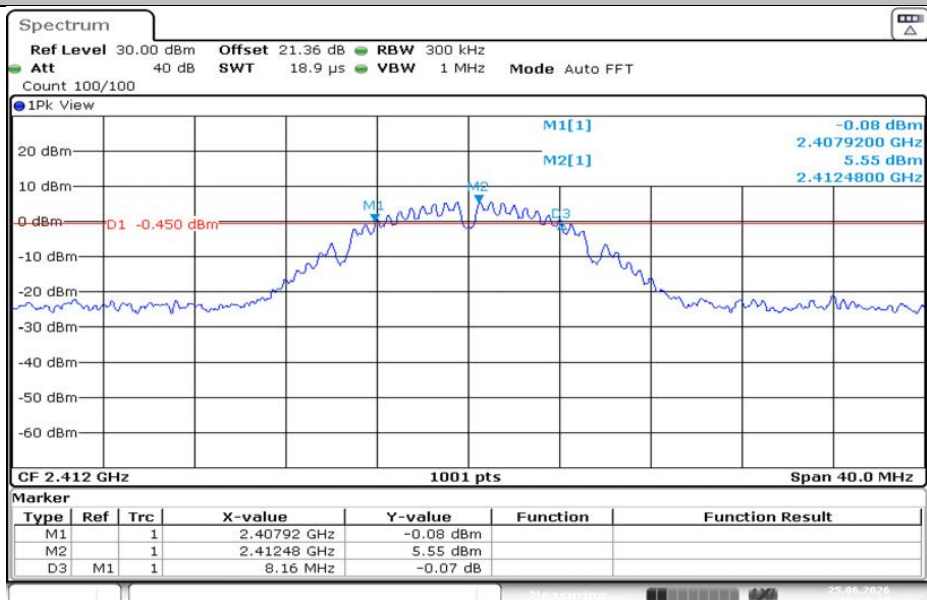
#### DTS Bandwidth

| Test Mode  | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|--------------|---------|---------|------------|---------|
| 11B-CDD    | Ant1    | 2412           | 8.16         | 2407.92 | 2416.08 | 0.5        | PASS    |
| 11B-CDD    | Ant2    | 2412           | 8.16         | 2407.92 | 2416.08 | 0.5        | PASS    |
| 11B-CDD    | Ant1    | 2437           | 8.16         | 2432.92 | 2441.08 | 0.5        | PASS    |
| 11B-CDD    | Ant2    | 2437           | 8.16         | 2432.92 | 2441.08 | 0.5        | PASS    |
| 11B-CDD    | Ant1    | 2462           | 8.16         | 2457.92 | 2466.08 | 0.5        | PASS    |
| 11B-CDD    | Ant2    | 2462           | 8.16         | 2457.92 | 2466.08 | 0.5        | PASS    |
| 11G-CDD    | Ant1    | 2412           | 15.68        | 2404.20 | 2419.88 | 0.5        | PASS    |
| 11G-CDD    | Ant2    | 2412           | 16.04        | 2404.08 | 2420.12 | 0.5        | PASS    |
| 11G-CDD    | Ant1    | 2437           | 16.32        | 2428.84 | 2445.16 | 0.5        | PASS    |
| 11G-CDD    | Ant2    | 2437           | 16.32        | 2428.88 | 2445.20 | 0.5        | PASS    |
| 11G-CDD    | Ant1    | 2462           | 16.28        | 2453.84 | 2470.12 | 0.5        | PASS    |
| 11G-CDD    | Ant2    | 2462           | 16.32        | 2453.88 | 2470.20 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 2412           | 17.44        | 2403.28 | 2420.72 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 2412           | 17.52        | 2403.20 | 2420.72 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 2437           | 17.56        | 2428.24 | 2445.80 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 2437           | 17.08        | 2428.72 | 2445.80 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 2462           | 17.52        | 2453.28 | 2470.80 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 2462           | 16.84        | 2453.60 | 2470.44 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 2422           | 34.88        | 2404.80 | 2439.68 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 2422           | 34.64        | 2404.96 | 2439.60 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 2437           | 35.68        | 2419.32 | 2455.00 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 2437           | 33.52        | 2419.96 | 2453.48 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 2452           | 35.52        | 2434.40 | 2469.92 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 2452           | 36.08        | 2434.00 | 2470.08 | 0.5        | PASS    |
| 11AX20MIMO | Ant1    | 2412           | 18.88        | 2402.48 | 2421.36 | 0.5        | PASS    |
| 11AX20MIMO | Ant2    | 2412           | 18.84        | 2402.56 | 2421.40 | 0.5        | PASS    |
| 11AX20MIMO | Ant1    | 2437           | 18.72        | 2427.64 | 2446.36 | 0.5        | PASS    |
| 11AX20MIMO | Ant2    | 2437           | 18.80        | 2427.60 | 2446.40 | 0.5        | PASS    |
| 11AX20MIMO | Ant1    | 2462           | 19.08        | 2452.48 | 2471.56 | 0.5        | PASS    |
| 11AX20MIMO | Ant2    | 2462           | 18.84        | 2452.60 | 2471.44 | 0.5        | PASS    |
| 11AX40MIMO | Ant1    | 2422           | 37.12        | 2403.20 | 2440.32 | 0.5        | PASS    |
| 11AX40MIMO | Ant2    | 2422           | 36.96        | 2404.00 | 2440.96 | 0.5        | PASS    |
| 11AX40MIMO | Ant1    | 2437           | 36.08        | 2419.48 | 2455.56 | 0.5        | PASS    |
| 11AX40MIMO | Ant2    | 2437           | 34.32        | 2421.32 | 2455.64 | 0.5        | PASS    |
| 11AX40MIMO | Ant1    | 2452           | 34.48        | 2434.80 | 2469.28 | 0.5        | PASS    |
| 11AX40MIMO | Ant2    | 2452           | 32.96        | 2437.76 | 2470.72 | 0.5        | PASS    |

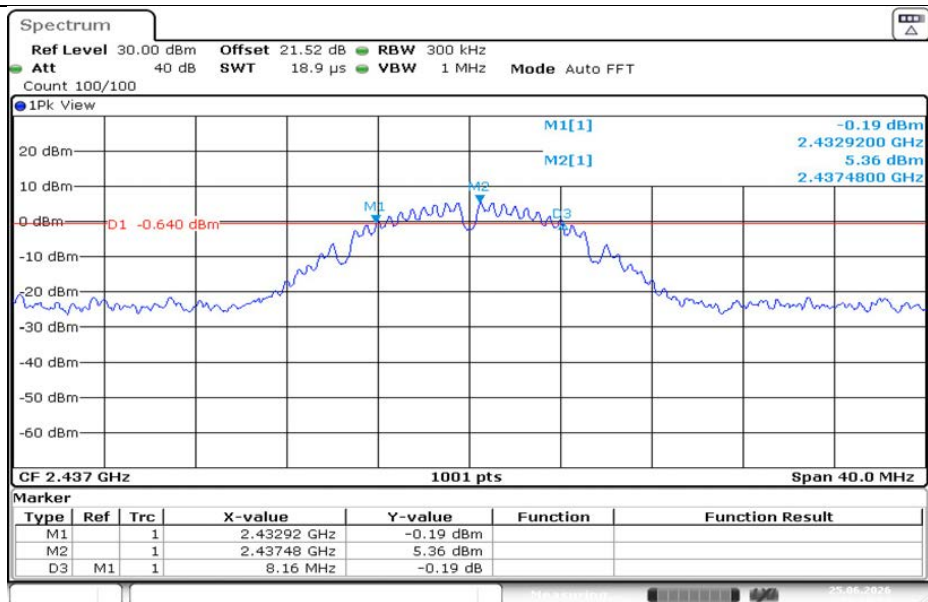
## Test Graphs



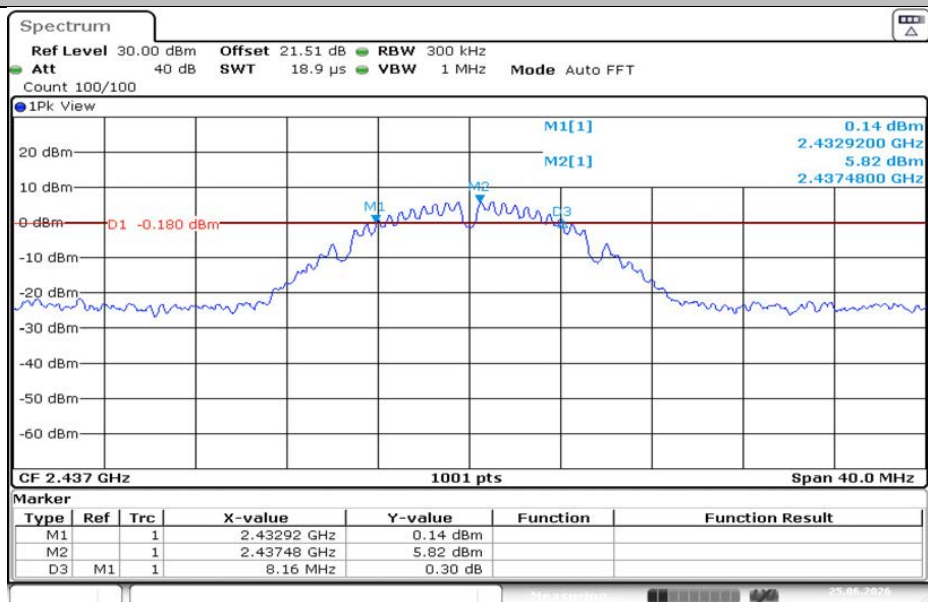
11B-CDD-Ant1-2412-PASS



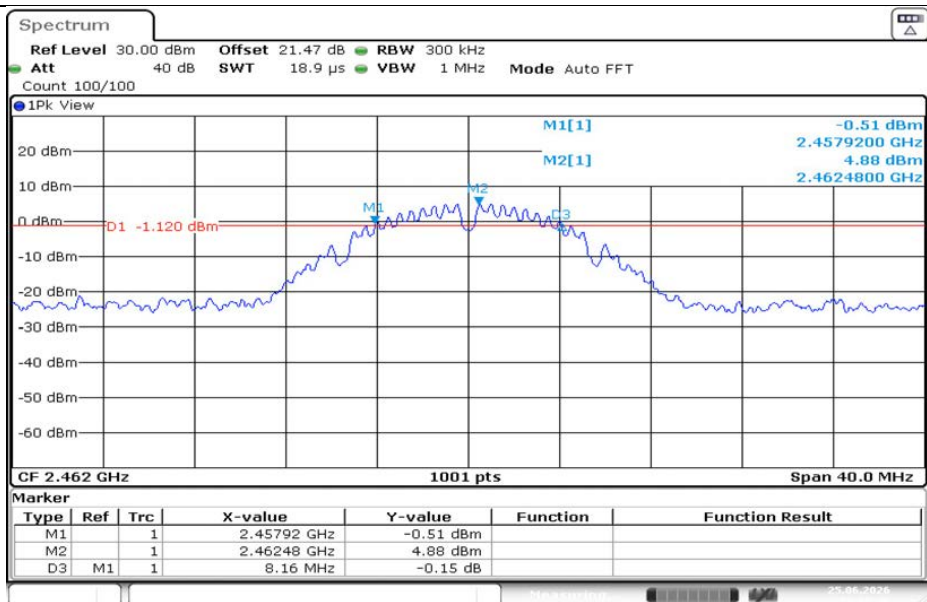
11B-CDD-Ant2-2412-PASS



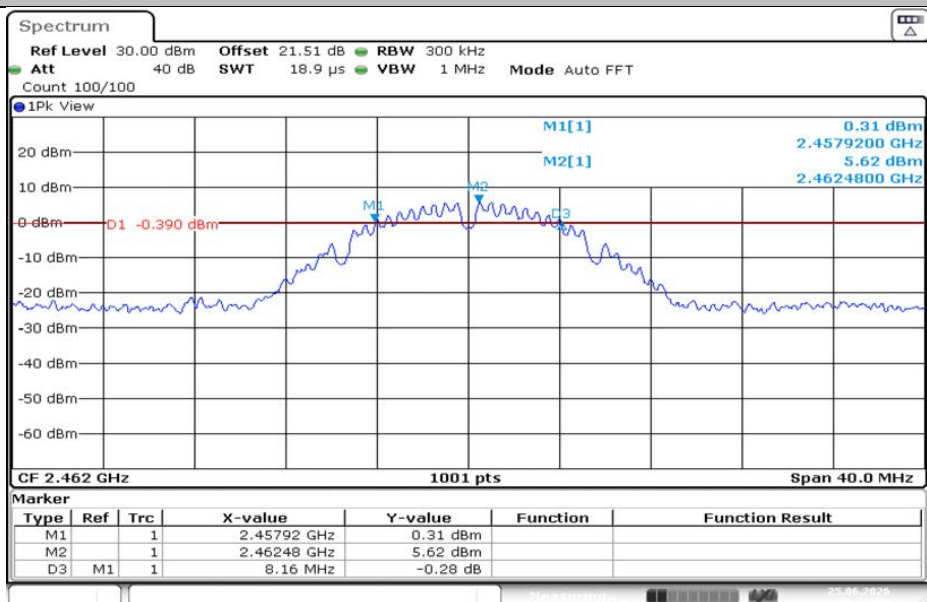
11B-CDD-Ant1-2437-PASS



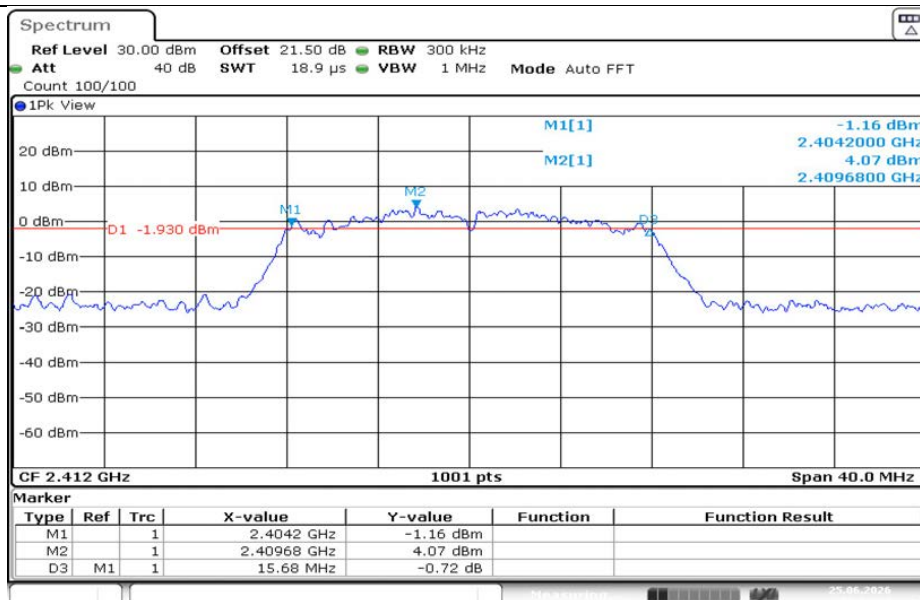
11B-CDD-Ant2-2437-PASS



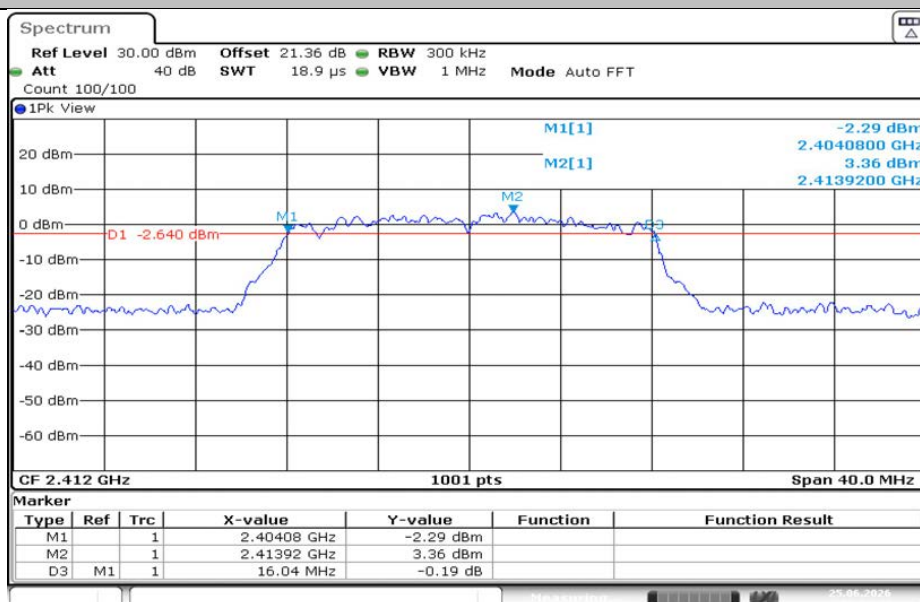
11B-CDD-Ant1-2462-PASS



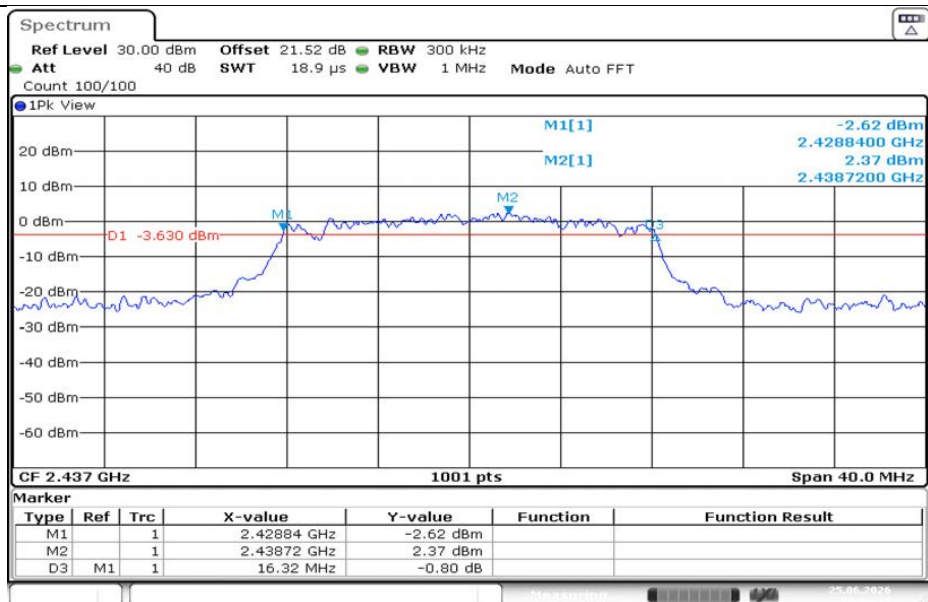
11B-CDD-Ant2-2462-PASS



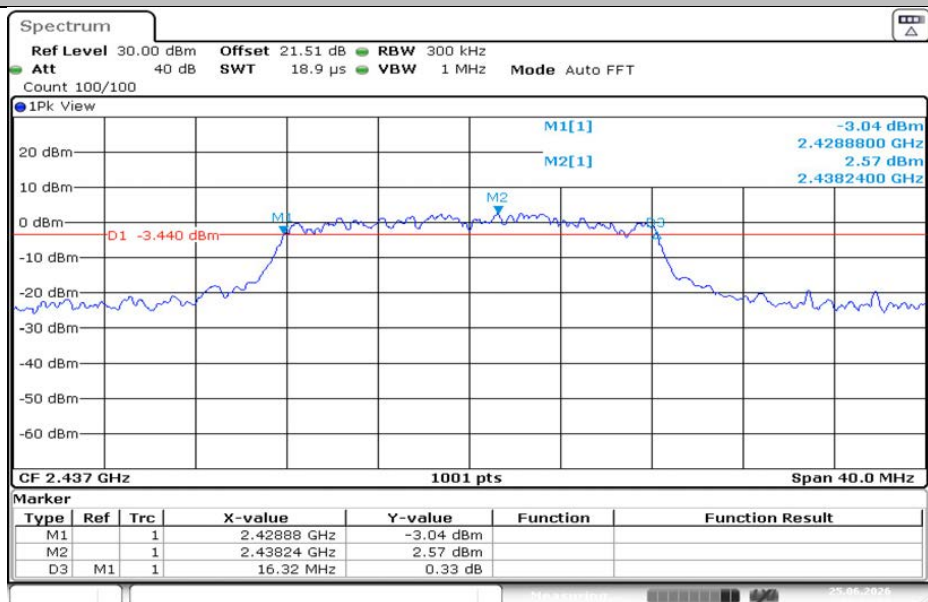
11G-CDD-Ant1-2412-PASS



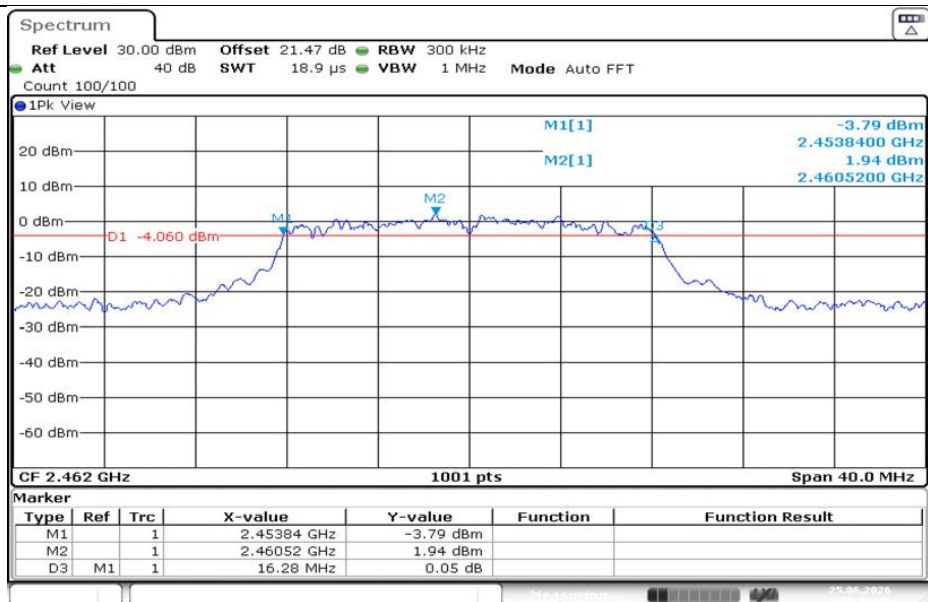
11G-CDD-Ant2-2412-PASS



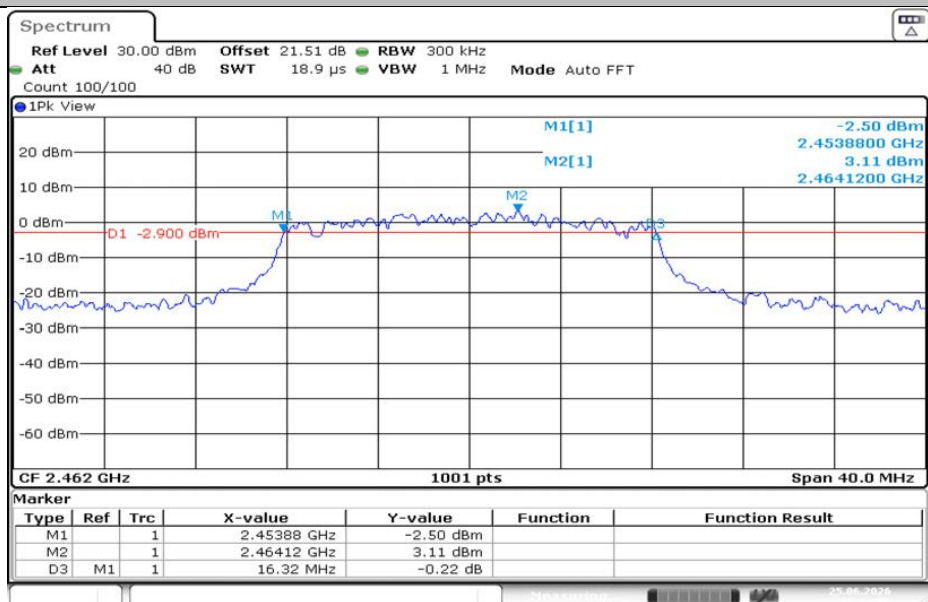
11G-CDD-Ant1-2437-PASS



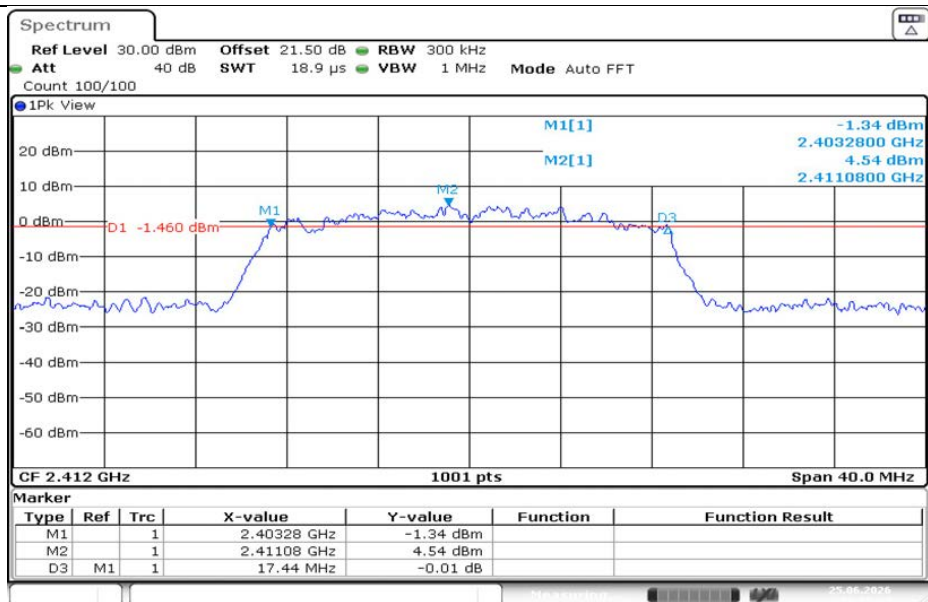
11G-CDD-Ant2-2437-PASS



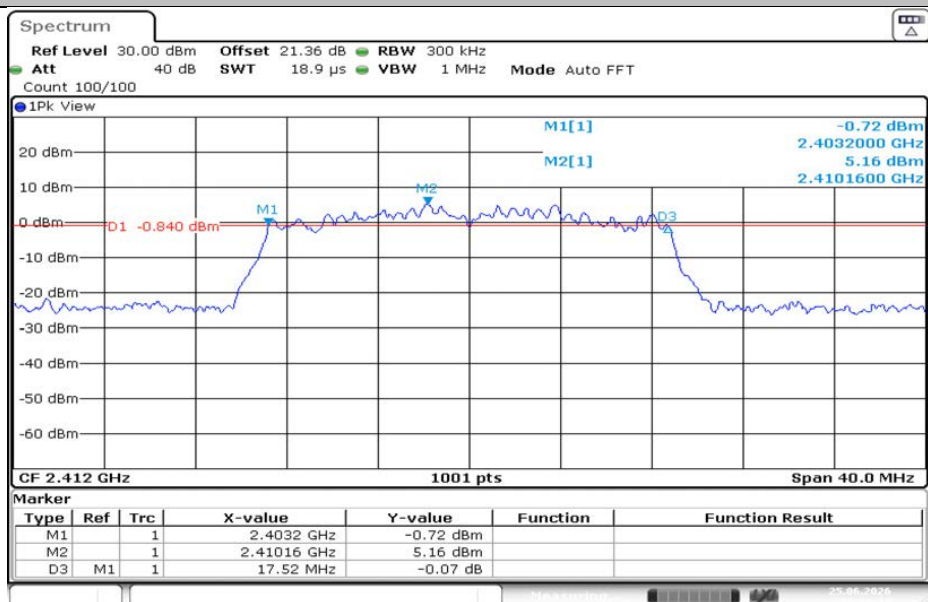
11G-CDD-Ant1-2462-PASS



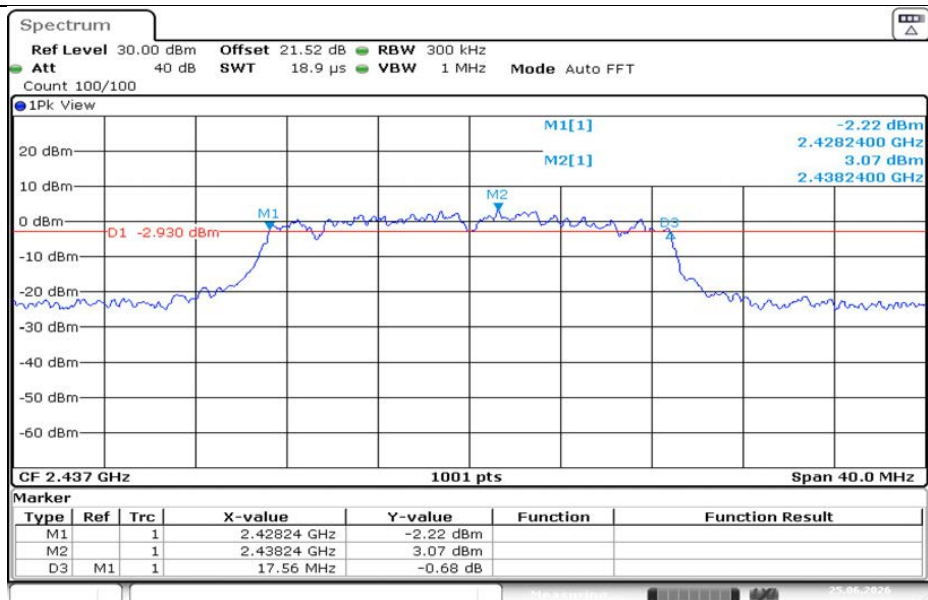
11G-CDD-Ant2-2462-PASS



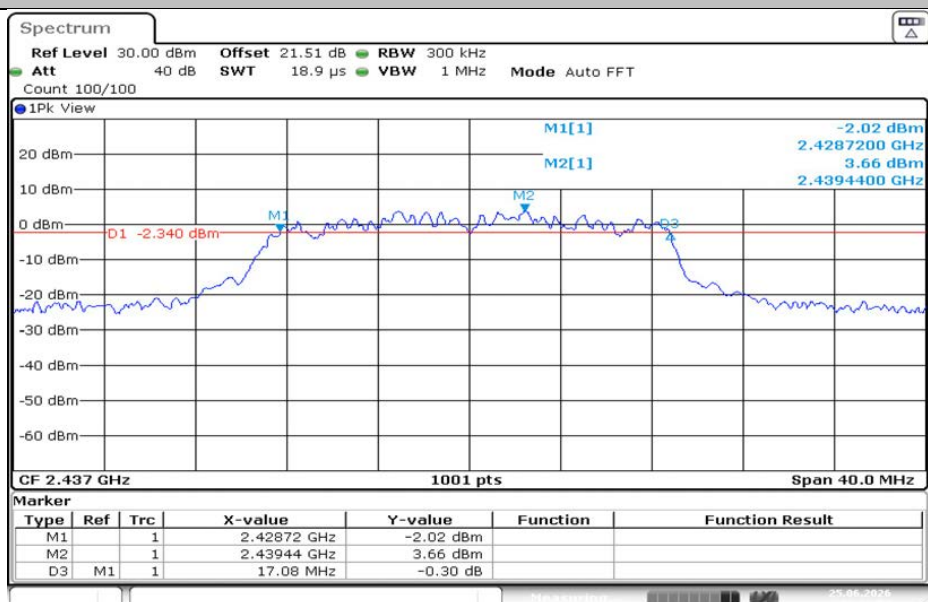
11N20MIMO-Ant1-2412-PASS



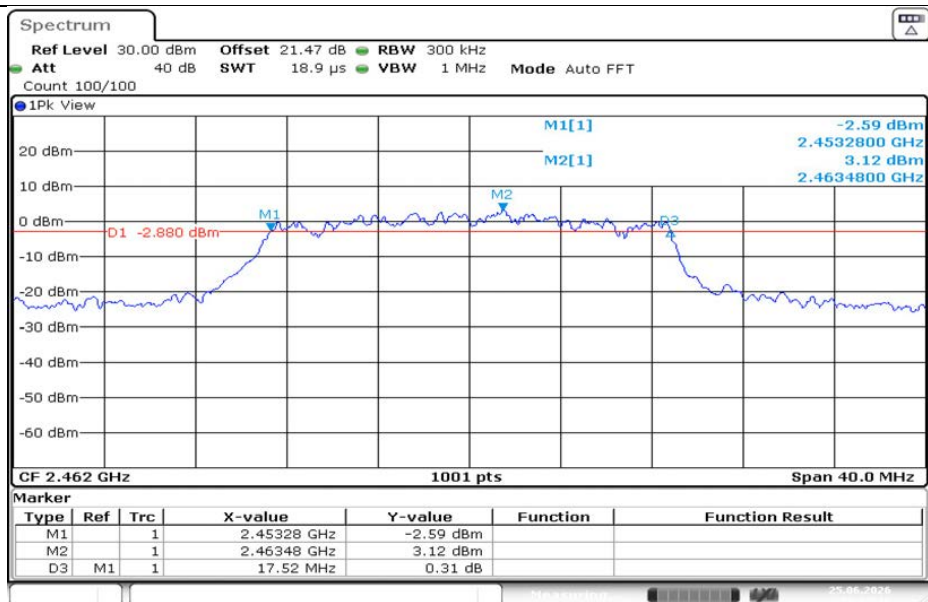
11N20MIMO-Ant2-2412-PASS



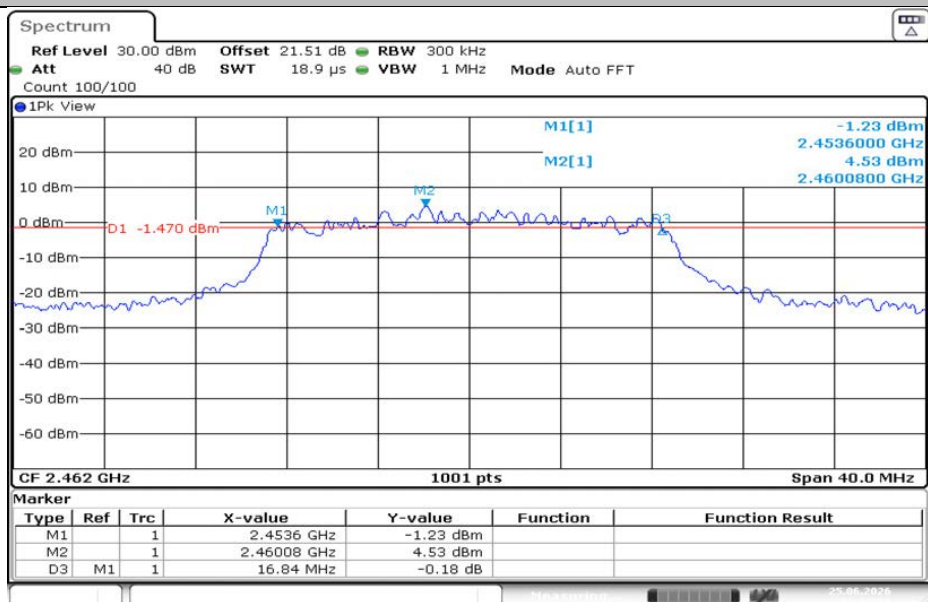
11N20MIMO-Ant1-2437-PASS



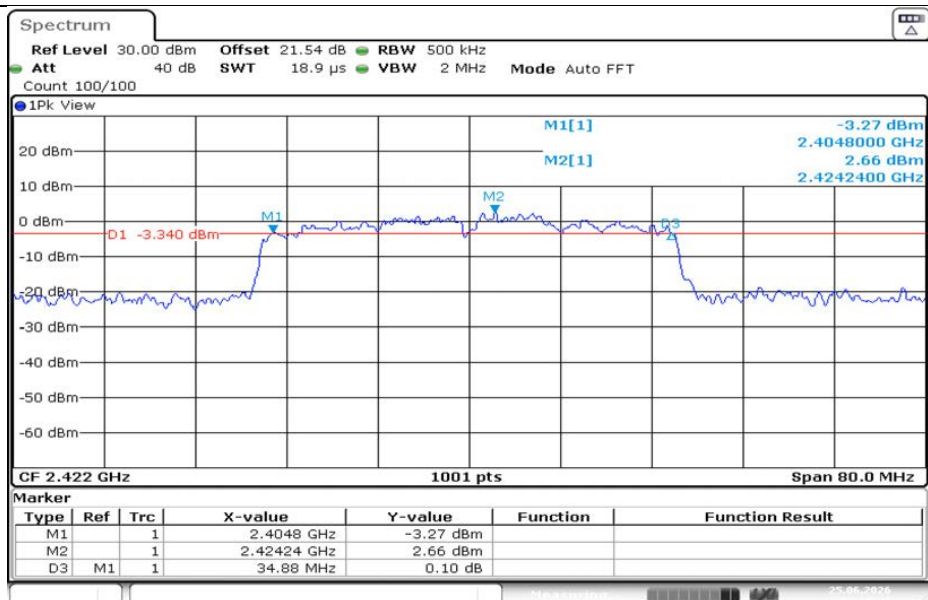
11N20MIMO-Ant2-2437-PASS



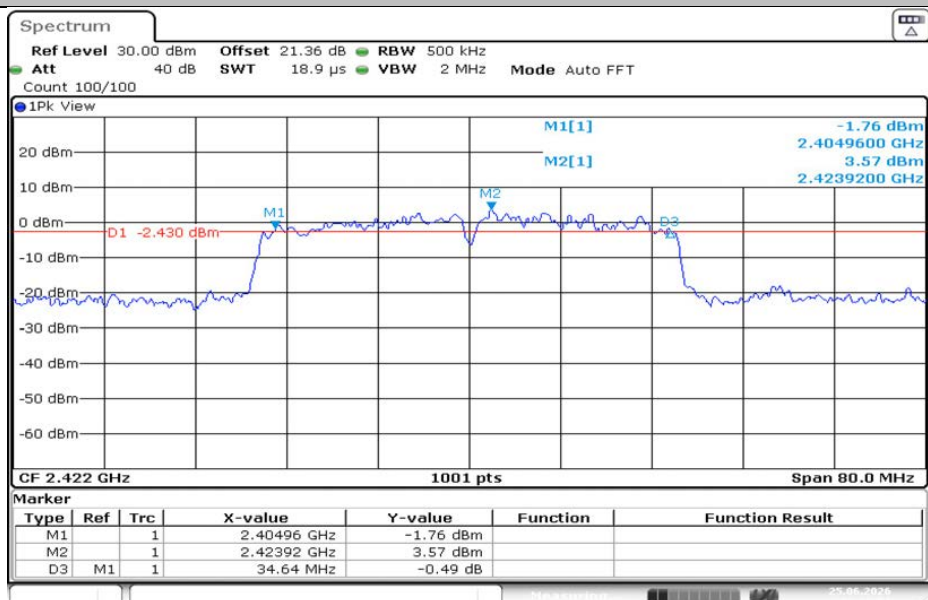
11N20MIMO-Ant1-2462-PASS



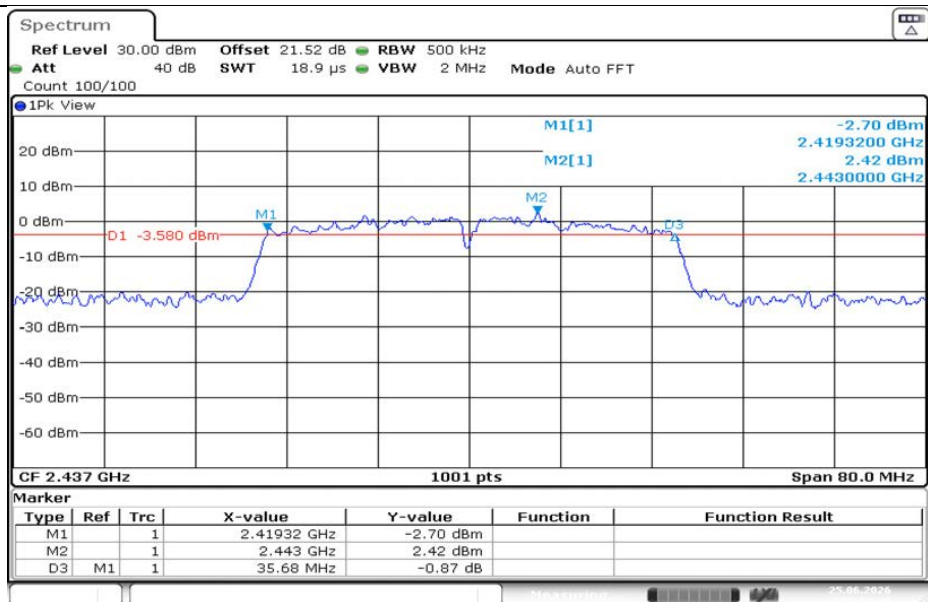
11N20MIMO-Ant2-2462-PASS



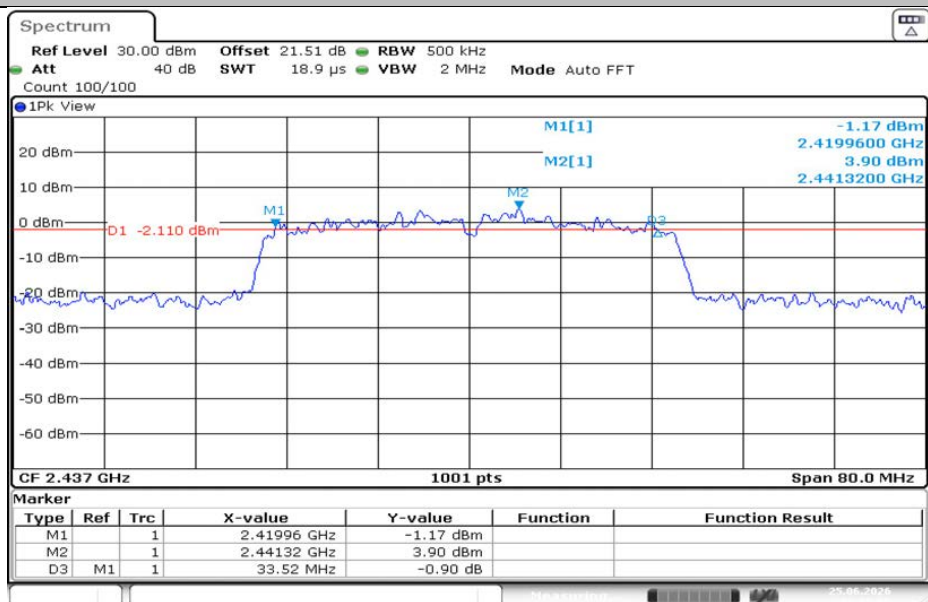
11N40MIMO-Ant1-2422-PASS



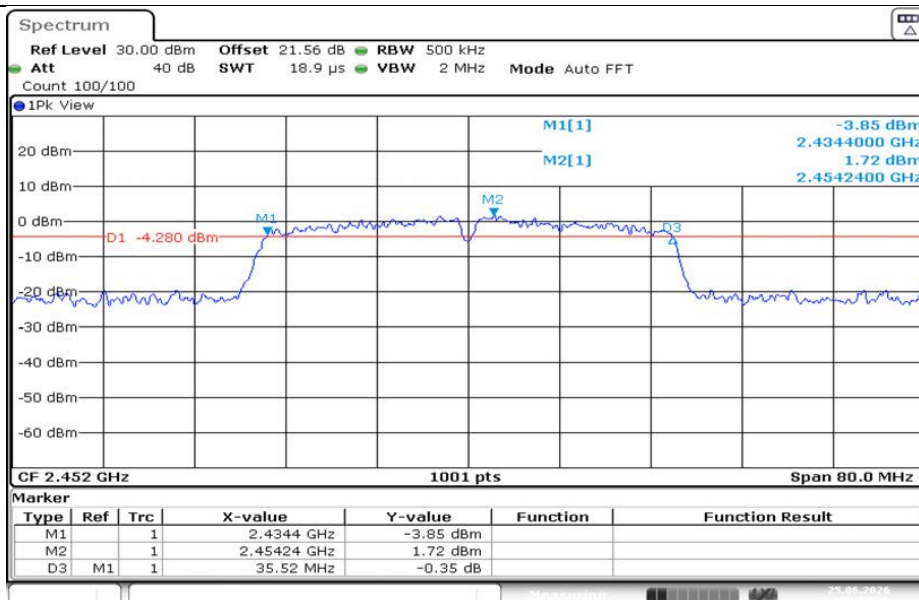
11N40MIMO-Ant2-2422-PASS



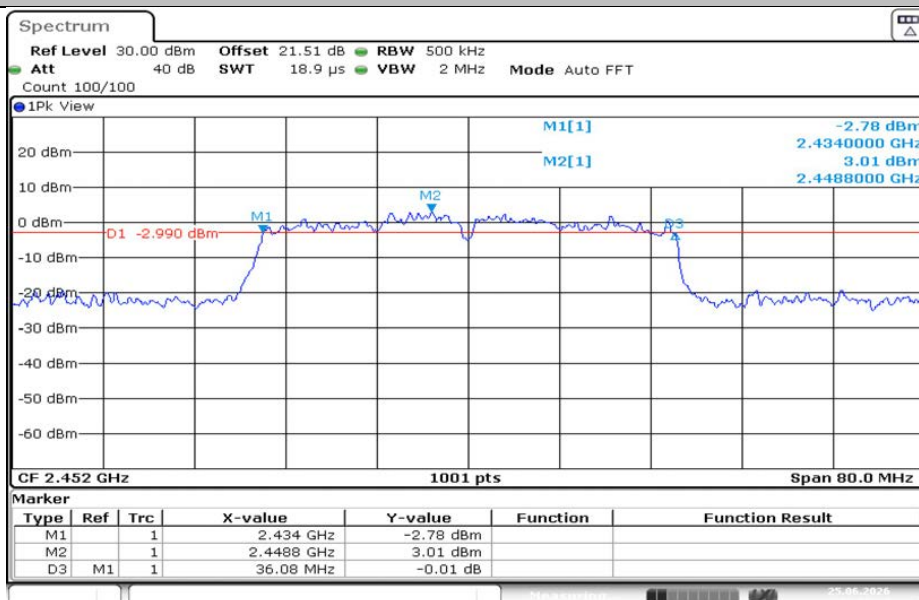
11N40MIMO-Ant1-2437-PASS



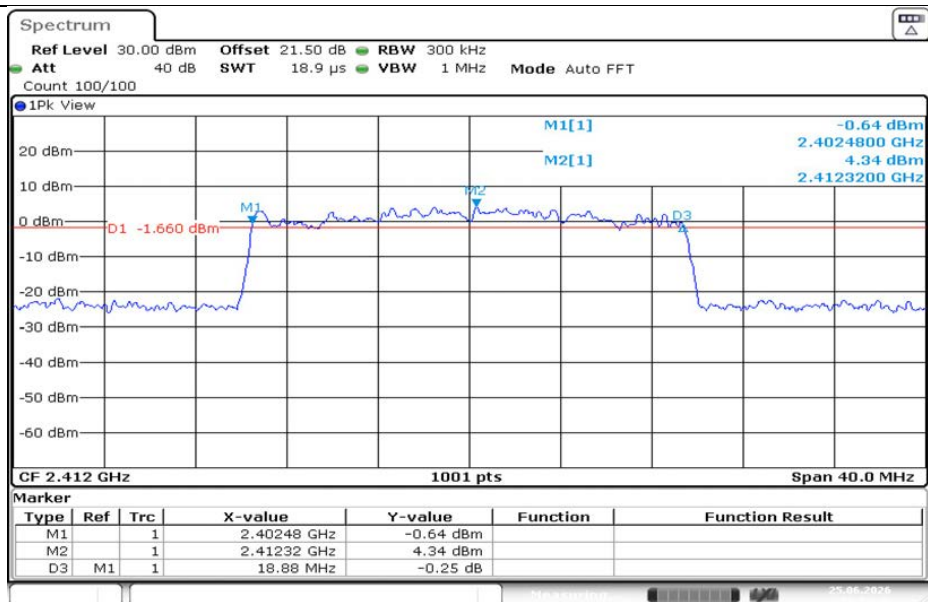
11N40MIMO-Ant2-2437-PASS



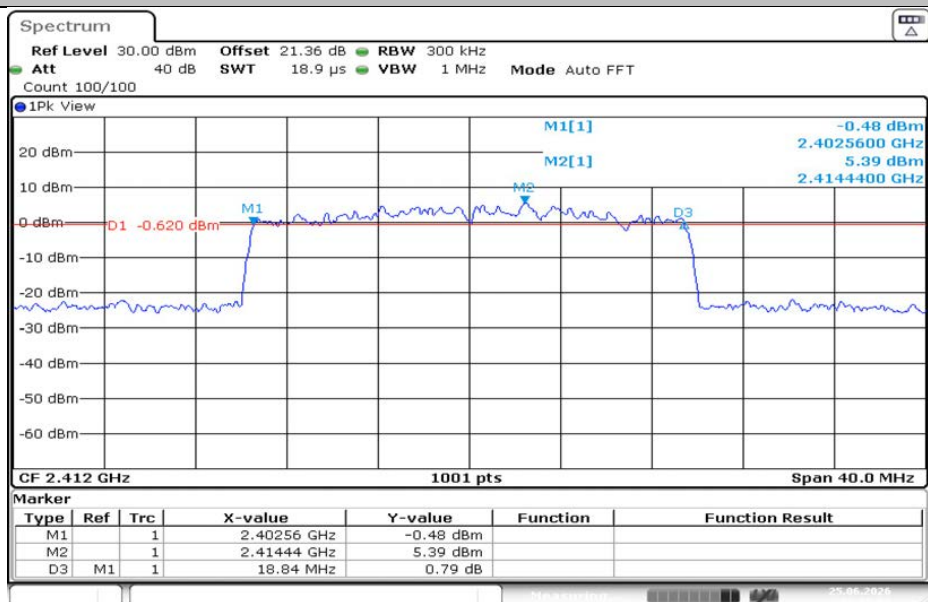
11N40MIMO-Ant1-2452-PASS



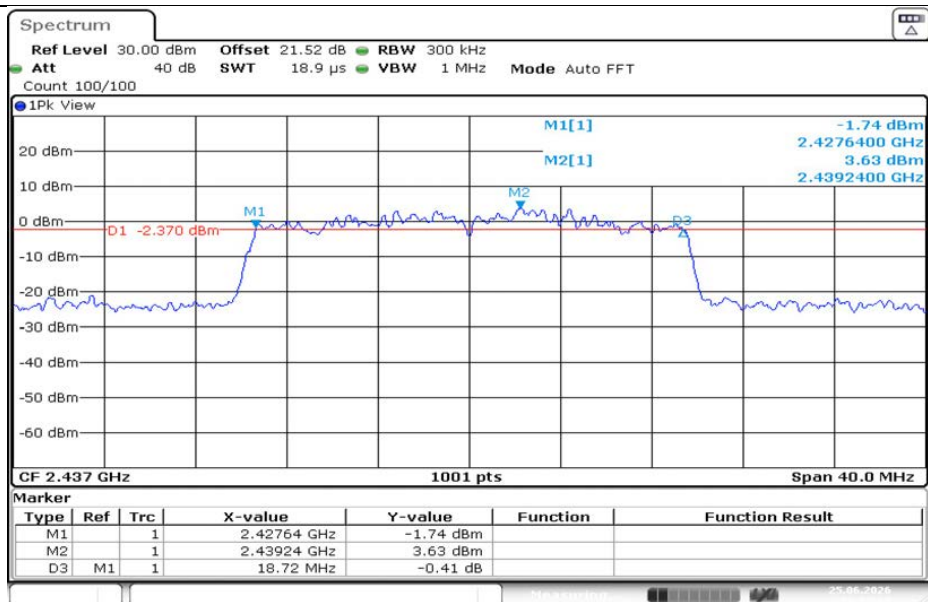
11N40MIMO-Ant2-2452-PASS



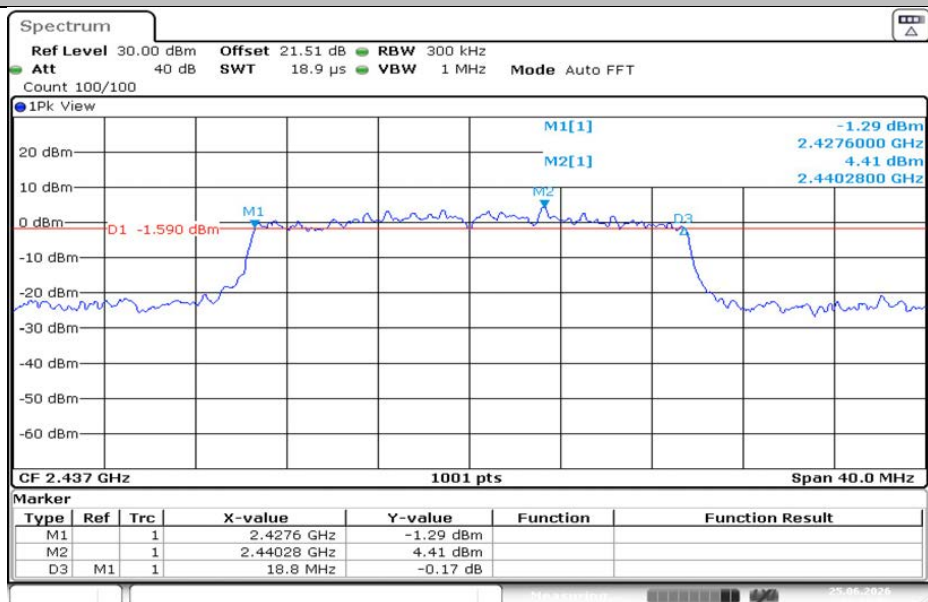
11AX20MIMO-Ant1-2412-PASS



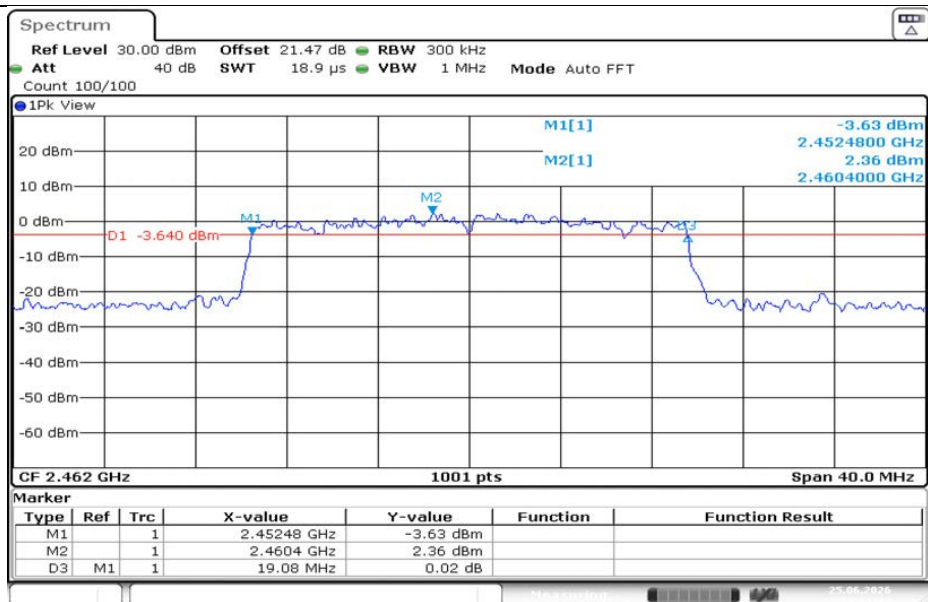
11AX20MIMO-Ant2-2412-PASS



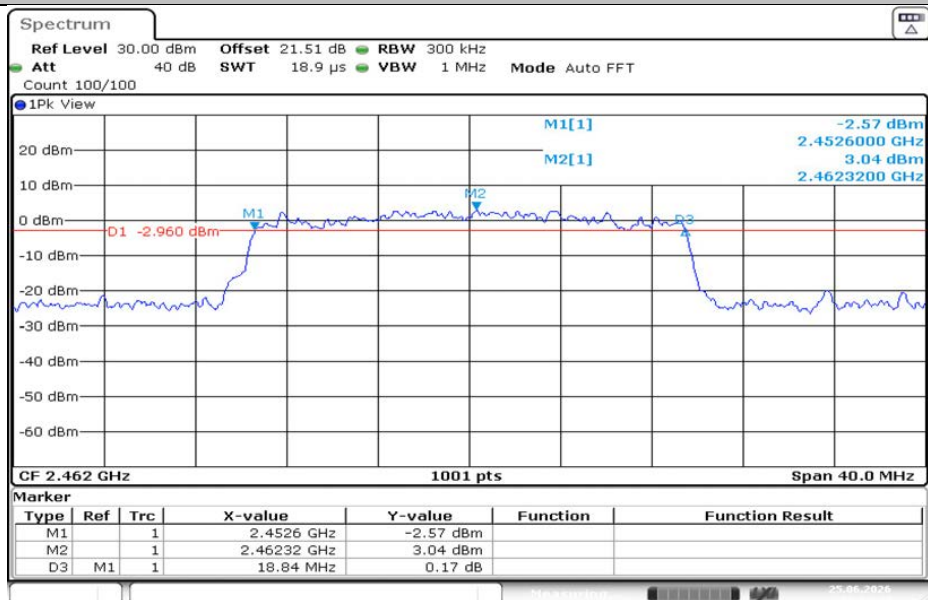
11AX20MIMO-Ant1-2437-PASS



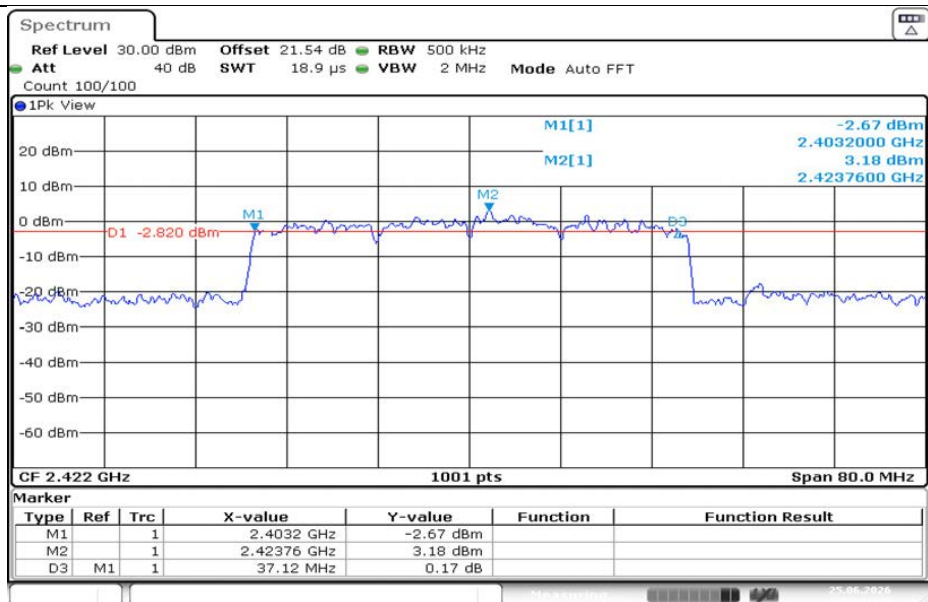
11AX20MIMO-Ant2-2437-PASS



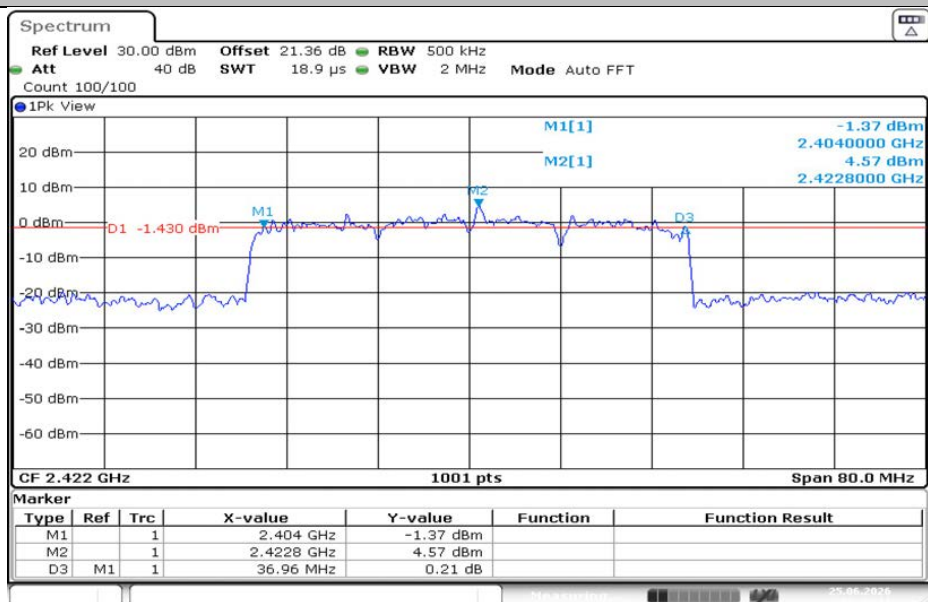
11AX20MIMO-Ant1-2462-PASS



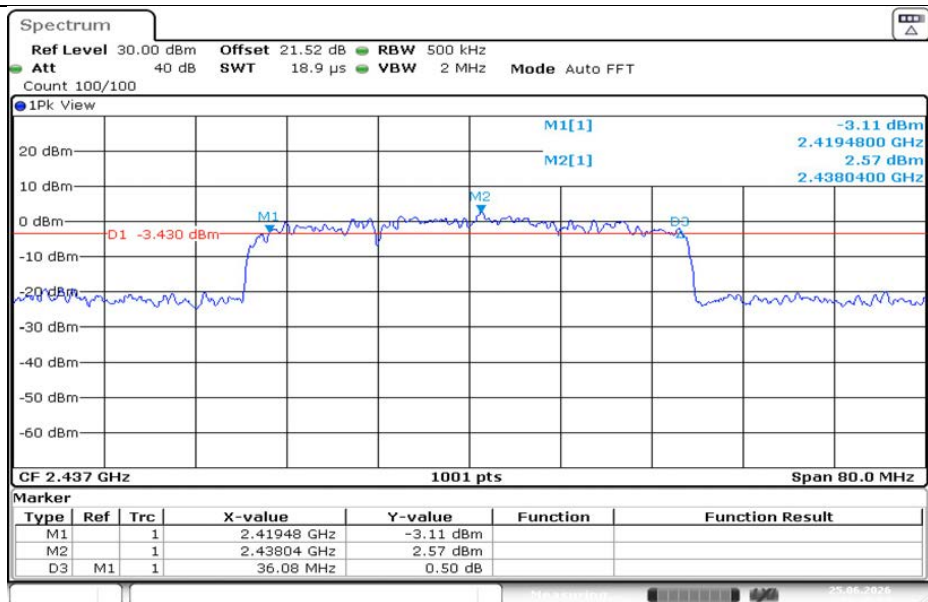
11AX20MIMO-Ant2-2462-PASS



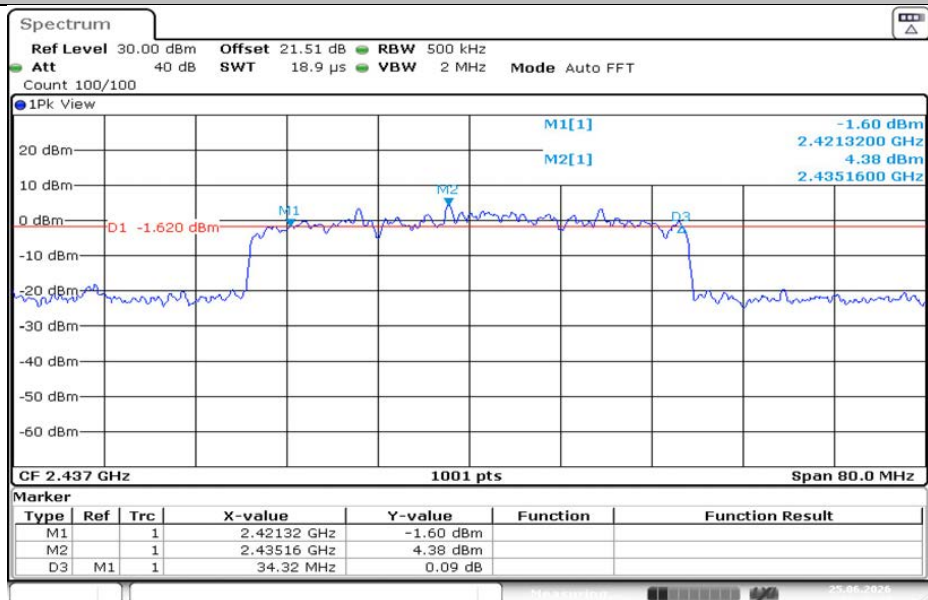
11AX40MIMO-Ant1-2422-PASS



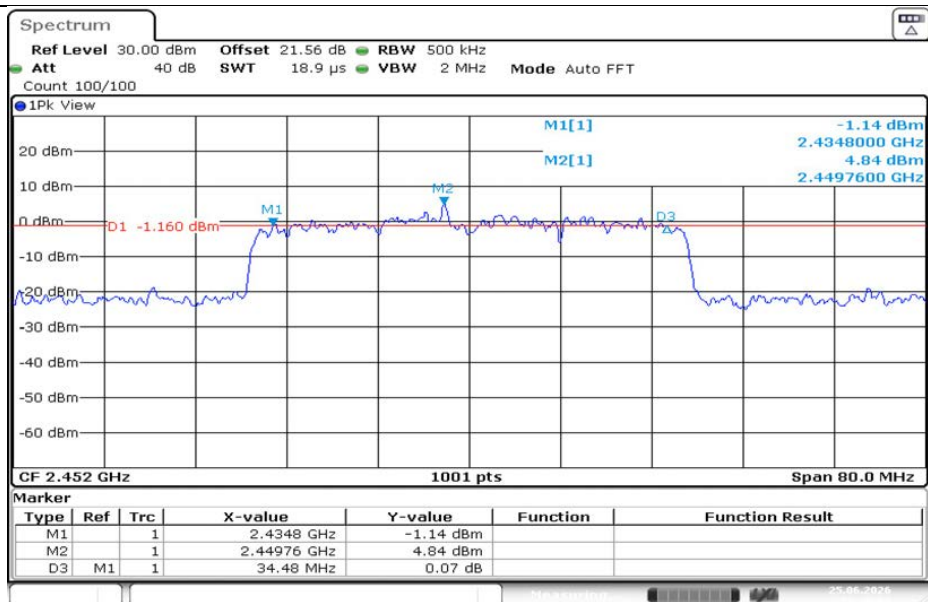
11AX40MIMO-Ant2-2422-PASS



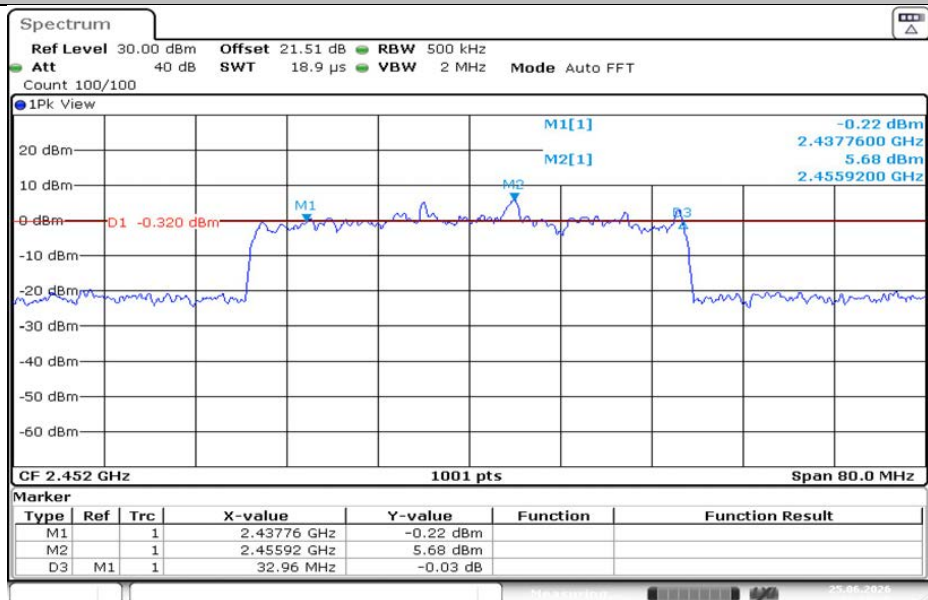
11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS

## Occupied Channel Bandwidth

| Test Mode  | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|-----------|-----------|------------|---------|
| 11B-CDD    | Ant1    | 2412           | 16.983    | 2403.2488 | 2420.2318 | ---        | ---     |
| 11B-CDD    | Ant2    | 2412           | 16.104    | 2404.0080 | 2420.1119 | ---        | ---     |
| 11B-CDD    | Ant1    | 2437           | 16.983    | 2428.8082 | 2445.7912 | ---        | ---     |
| 11B-CDD    | Ant2    | 2437           | 15.944    | 2429.1279 | 2445.0719 | ---        | ---     |
| 11B-CDD    | Ant1    | 2462           | 16.384    | 2453.9281 | 2470.3117 | ---        | ---     |
| 11B-CDD    | Ant2    | 2462           | 15.744    | 2453.8881 | 2469.6324 | ---        | ---     |
| 11G-CDD    | Ant1    | 2412           | 17.303    | 2403.4086 | 2420.7113 | ---        | ---     |
| 11G-CDD    | Ant2    | 2412           | 16.743    | 2403.6883 | 2420.4316 | ---        | ---     |
| 11G-CDD    | Ant1    | 2437           | 17.742    | 2428.3287 | 2446.0709 | ---        | ---     |
| 11G-CDD    | Ant2    | 2437           | 16.863    | 2428.5684 | 2445.4316 | ---        | ---     |
| 11G-CDD    | Ant1    | 2462           | 17.862    | 2453.1289 | 2470.9910 | ---        | ---     |
| 11G-CDD    | Ant2    | 2462           | 18.022    | 2453.2488 | 2471.2707 | ---        | ---     |
| 11N20MIMO  | Ant1    | 2412           | 17.742    | 2403.1688 | 2420.9111 | ---        | ---     |
| 11N20MIMO  | Ant2    | 2412           | 17.742    | 2403.1289 | 2420.8711 | ---        | ---     |
| 11N20MIMO  | Ant1    | 2437           | 19.540    | 2427.1299 | 2446.6703 | ---        | ---     |
| 11N20MIMO  | Ant2    | 2437           | 18.142    | 2427.9690 | 2446.1109 | ---        | ---     |
| 11N20MIMO  | Ant1    | 2462           | 19.500    | 2452.1698 | 2471.6703 | ---        | ---     |
| 11N20MIMO  | Ant2    | 2462           | 18.022    | 2453.0490 | 2471.0709 | ---        | ---     |
| 11N40MIMO  | Ant1    | 2422           | 36.204    | 2403.9381 | 2440.1419 | ---        | ---     |
| 11N40MIMO  | Ant2    | 2422           | 35.804    | 2404.0180 | 2439.8222 | ---        | ---     |
| 11N40MIMO  | Ant1    | 2437           | 35.964    | 2419.0180 | 2454.9820 | ---        | ---     |
| 11N40MIMO  | Ant2    | 2437           | 36.044    | 2419.0180 | 2455.0619 | ---        | ---     |
| 11N40MIMO  | Ant1    | 2452           | 36.124    | 2433.9381 | 2470.0619 | ---        | ---     |
| 11N40MIMO  | Ant2    | 2452           | 36.444    | 2433.9381 | 2470.3816 | ---        | ---     |
| 11AX20MIMO | Ant1    | 2412           | 18.901    | 2402.5694 | 2421.4705 | ---        | ---     |
| 11AX20MIMO | Ant2    | 2412           | 18.861    | 2402.5694 | 2421.4306 | ---        | ---     |
| 11AX20MIMO | Ant1    | 2437           | 19.181    | 2427.4496 | 2446.6304 | ---        | ---     |
| 11AX20MIMO | Ant2    | 2437           | 19.101    | 2427.5295 | 2446.6304 | ---        | ---     |
| 11AX20MIMO | Ant1    | 2462           | 18.901    | 2452.5295 | 2471.4306 | ---        | ---     |
| 11AX20MIMO | Ant2    | 2462           | 18.861    | 2452.5694 | 2471.4306 | ---        | ---     |
| 11AX40MIMO | Ant1    | 2422           | 37.642    | 2403.2188 | 2440.8611 | ---        | ---     |
| 11AX40MIMO | Ant2    | 2422           | 37.642    | 2403.0589 | 2440.7013 | ---        | ---     |
| 11AX40MIMO | Ant1    | 2437           | 37.562    | 2418.2987 | 2455.8611 | ---        | ---     |
| 11AX40MIMO | Ant2    | 2437           | 37.562    | 2418.3786 | 2455.9411 | ---        | ---     |
| 11AX40MIMO | Ant1    | 2452           | 37.642    | 2433.3786 | 2471.0210 | ---        | ---     |
| 11AX40MIMO | Ant2    | 2452           | 37.562    | 2433.3786 | 2470.9411 | ---        | ---     |