

# RF Test Data for 2.4G Wi-Fi (Conducted Measurements)

| General Description of EUT                                                                                                                    |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Product Name:                                                                                                                                 | Network Media Players |
| Test Model:                                                                                                                                   | DV6068Y               |
| Sample ID:                                                                                                                                    | 202305-0132-12-#2     |
| Environmental Conditions                                                                                                                      |                       |
| Temperature:                                                                                                                                  | 25℃                   |
| Relative Humidity:                                                                                                                            | 55%                   |
| Test Voltage:                                                                                                                                 | DC 5V                 |
| Test Engineer:                                                                                                                                | Huang jian ping       |
| Note: For a more detailed features description, please refer to the report TBR-C-202305-0132-132<br>The report only show the worst case data. |                       |

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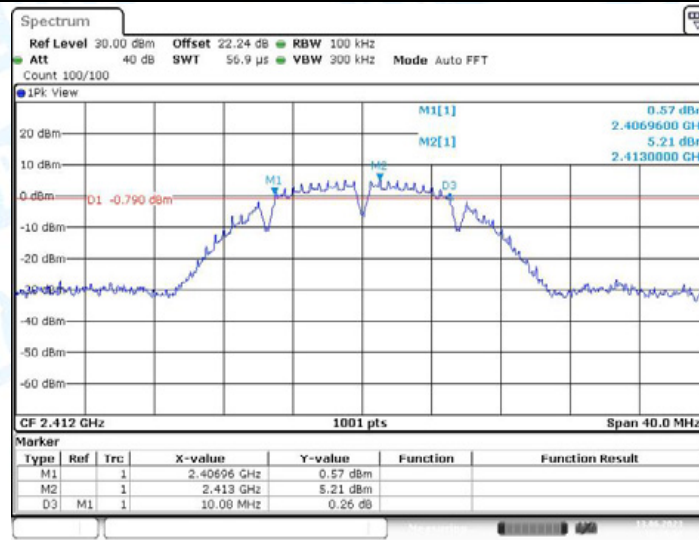
## 1. DTS Bandwidth

### 1.1. Test Result

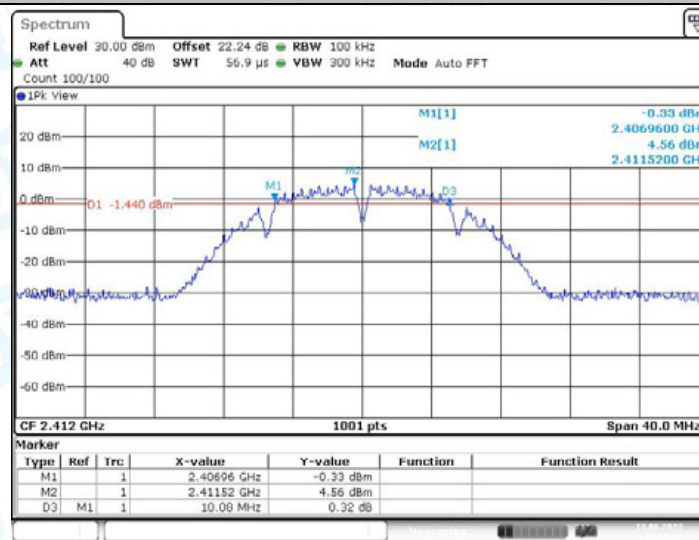
| TestMode  | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|---------|---------|------------|---------|
| 11B-CDD   | Ant1    | 2412    | 10.08        | 2406.96 | 2417.04 | 0.5        | PASS    |
|           | Ant2    | 2412    | 10.08        | 2406.96 | 2417.04 | 0.5        | PASS    |
|           | Ant1    | 2437    | 10.08        | 2431.96 | 2442.04 | 0.5        | PASS    |
|           | Ant2    | 2437    | 10.12        | 2431.96 | 2442.08 | 0.5        | PASS    |
|           | Ant1    | 2462    | 10.08        | 2456.96 | 2467.04 | 0.5        | PASS    |
|           | Ant2    | 2462    | 10.08        | 2456.96 | 2467.04 | 0.5        | PASS    |
| 11G-CDD   | Ant1    | 2412    | 16.36        | 2403.84 | 2420.20 | 0.5        | PASS    |
|           | Ant2    | 2412    | 16.32        | 2403.84 | 2420.16 | 0.5        | PASS    |
|           | Ant1    | 2437    | 16.36        | 2428.84 | 2445.20 | 0.5        | PASS    |
|           | Ant2    | 2437    | 16.32        | 2428.84 | 2445.16 | 0.5        | PASS    |
|           | Ant1    | 2462    | 16.32        | 2453.84 | 2470.16 | 0.5        | PASS    |
|           | Ant2    | 2462    | 16.00        | 2453.88 | 2469.88 | 0.5        | PASS    |
| 11N20MIMO | Ant1    | 2412    | 17.64        | 2403.20 | 2420.84 | 0.5        | PASS    |
|           | Ant2    | 2412    | 15.44        | 2404.48 | 2419.92 | 0.5        | PASS    |
|           | Ant1    | 2437    | 15.84        | 2429.56 | 2445.40 | 0.5        | PASS    |
|           | Ant2    | 2437    | 17.56        | 2428.24 | 2445.80 | 0.5        | PASS    |
|           | Ant1    | 2462    | 17.60        | 2453.20 | 2470.80 | 0.5        | PASS    |
|           | Ant2    | 2462    | 17.56        | 2453.24 | 2470.80 | 0.5        | PASS    |
| 11N40MIMO | Ant1    | 2422    | 35.20        | 2404.40 | 2439.60 | 0.5        | PASS    |
|           | Ant2    | 2422    | 34.96        | 2404.56 | 2439.52 | 0.5        | PASS    |
|           | Ant1    | 2437    | 35.52        | 2419.40 | 2454.92 | 0.5        | PASS    |
|           | Ant2    | 2437    | 35.04        | 2419.48 | 2454.52 | 0.5        | PASS    |
|           | Ant1    | 2452    | 35.12        | 2434.48 | 2469.60 | 0.5        | PASS    |
|           | Ant2    | 2452    | 32.64        | 2436.96 | 2469.60 | 0.5        | PASS    |

## 1.2. Test Graphs

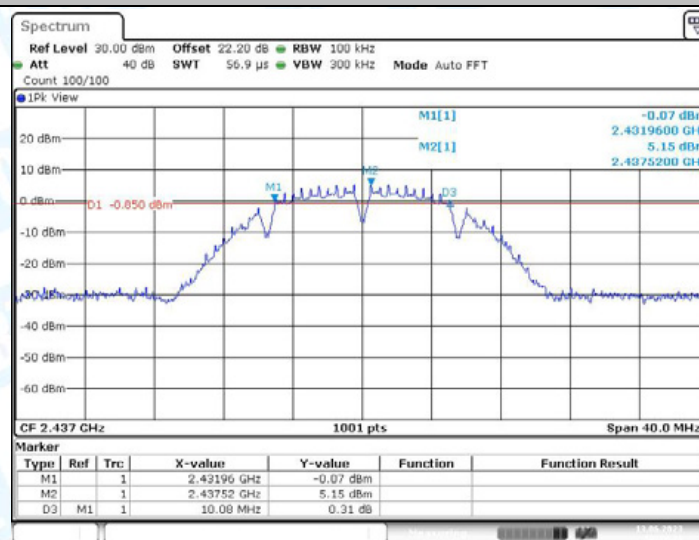
11B-CDD\_Ant1\_2412



11B-CDD\_Ant2\_2412

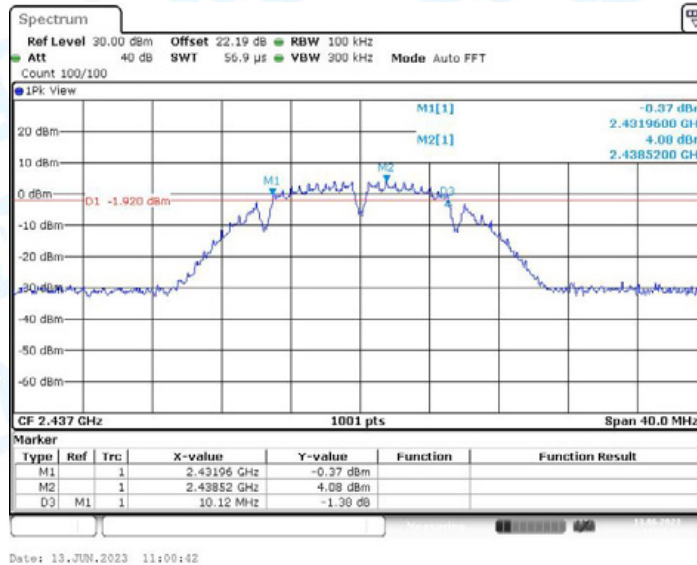


11B-CDD\_Ant1\_2437

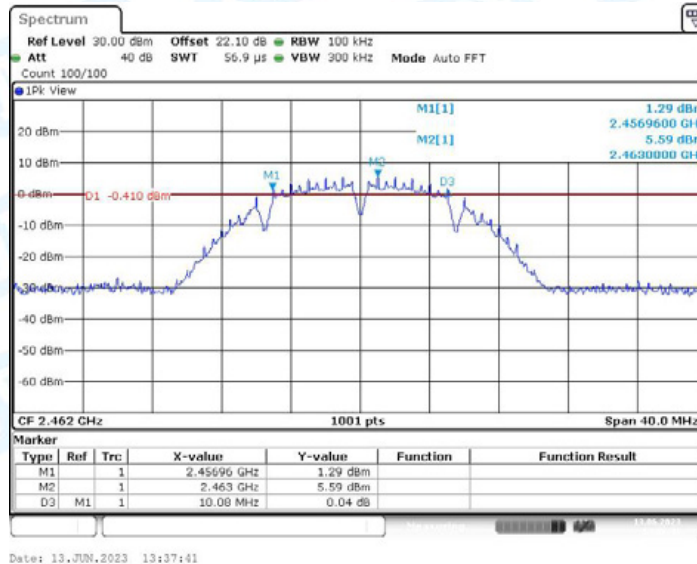




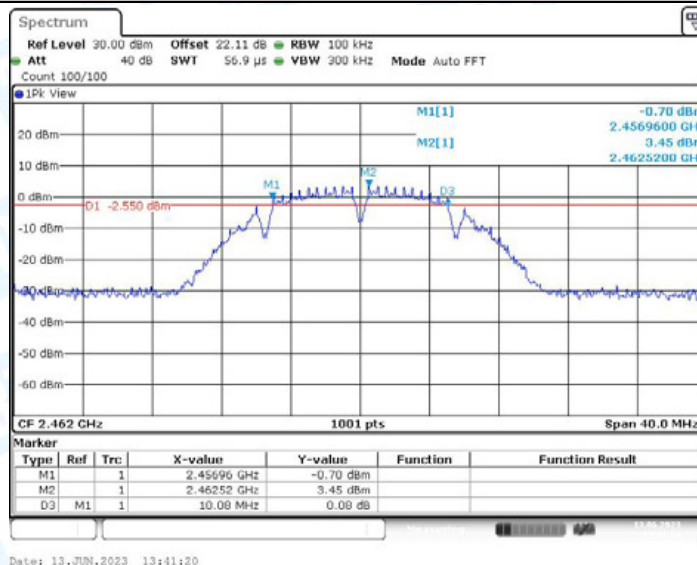
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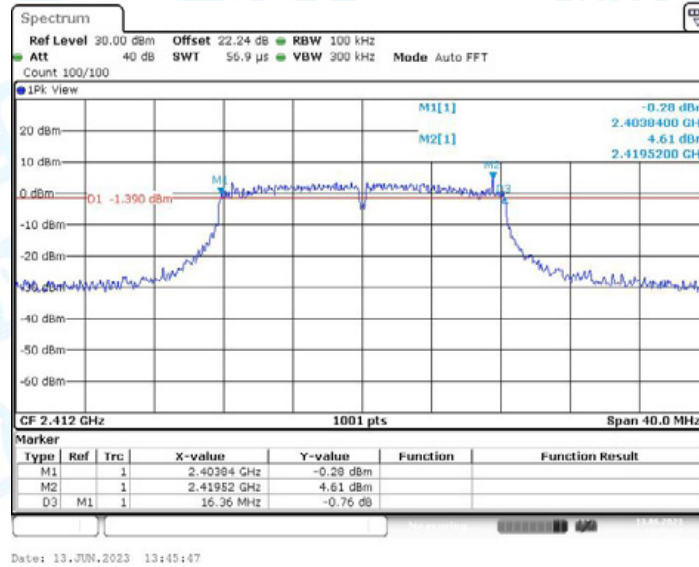
### 11B-CDD\_Ant1\_2462



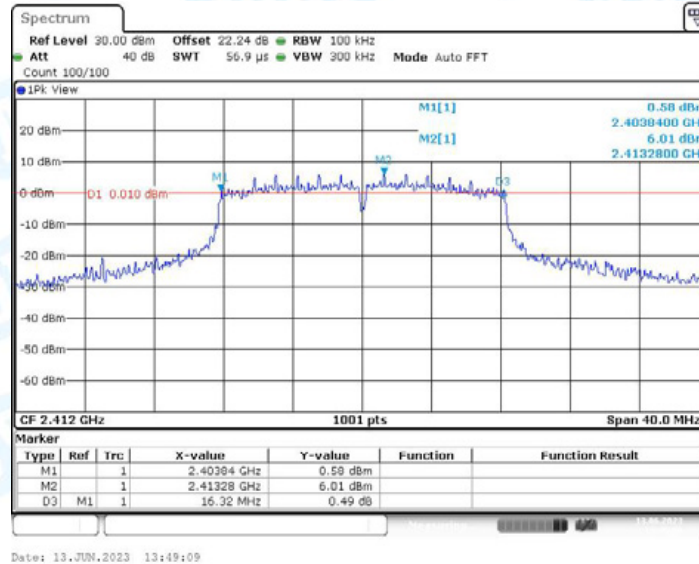
### 11B-CDD\_Ant2\_2462



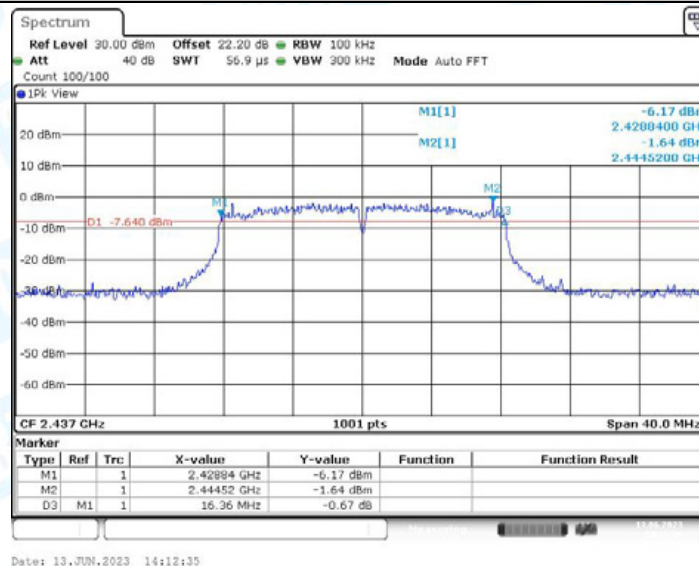
### 11G-CDD\_Ant1\_2412



11G-CDD\_Ant2\_2412

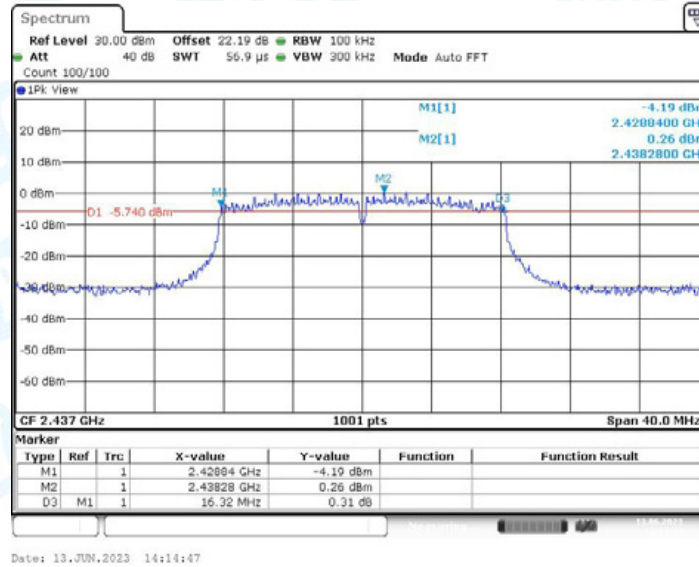


11G-CDD\_Ant1\_2437

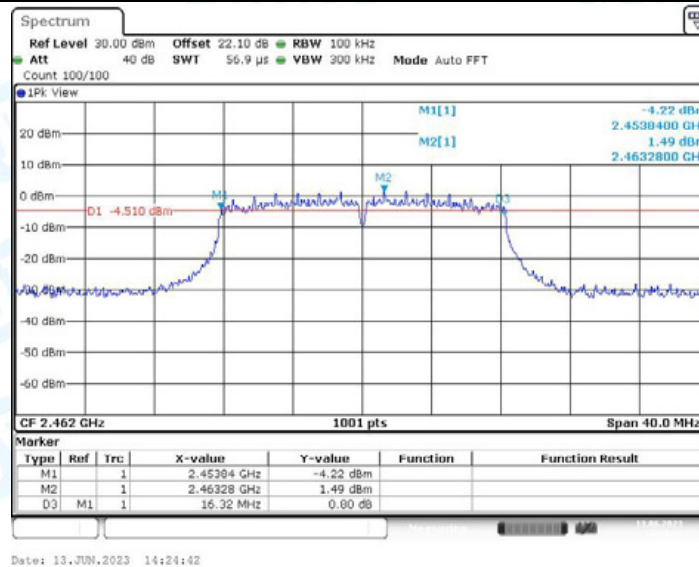


11G-CDD\_Ant2\_2437

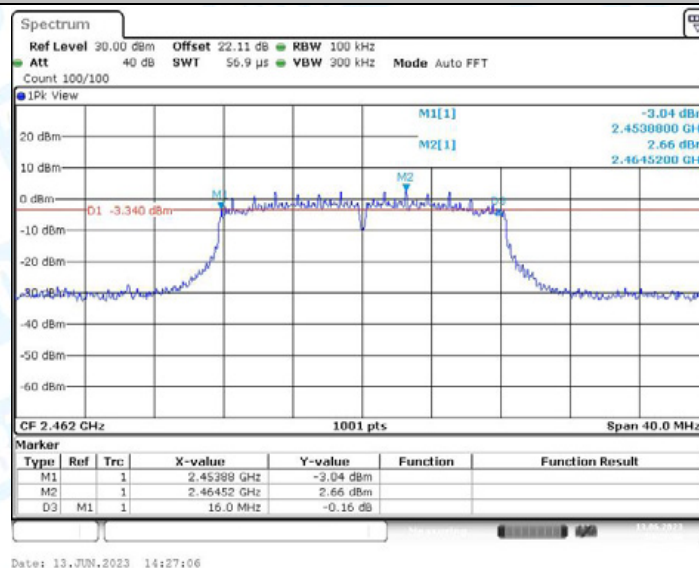




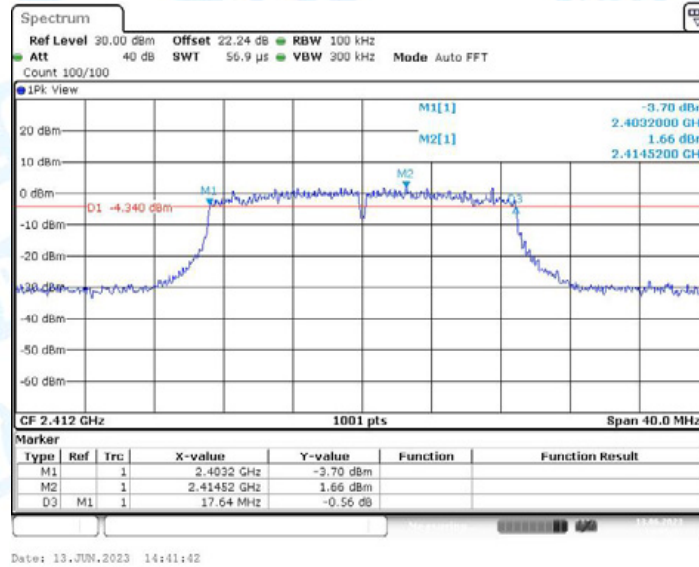
11G-CDD\_Ant1\_2462



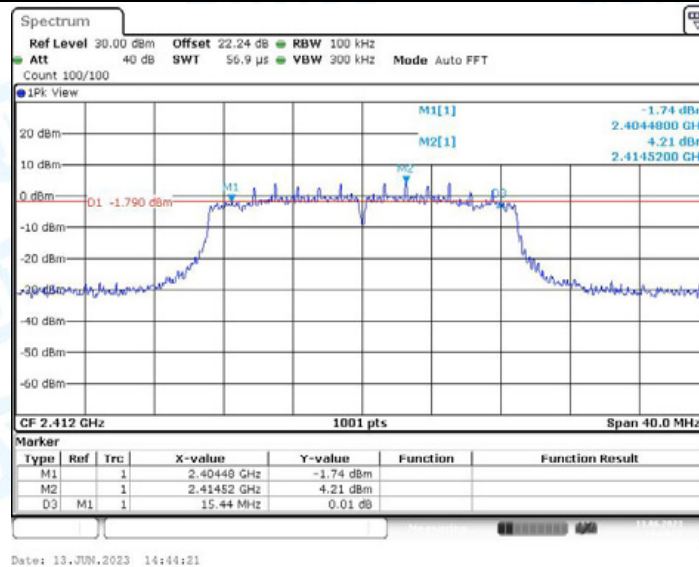
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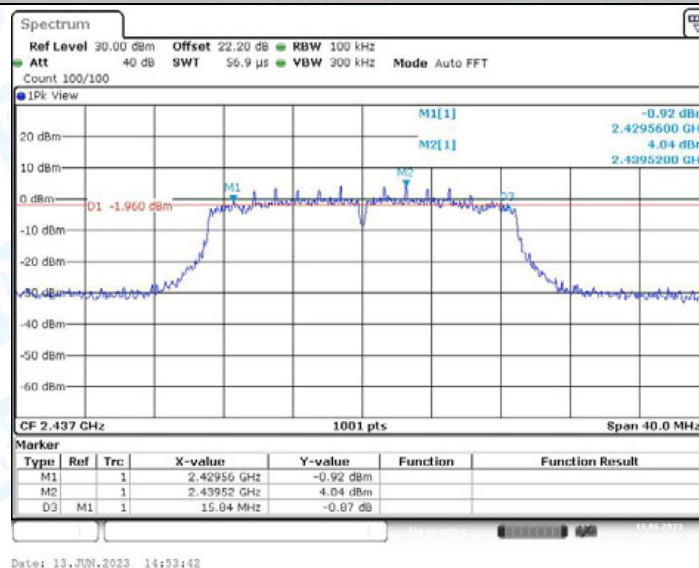
11N20MIMO\_Ant1\_2412



11N20MIMO\_Ant2\_2412

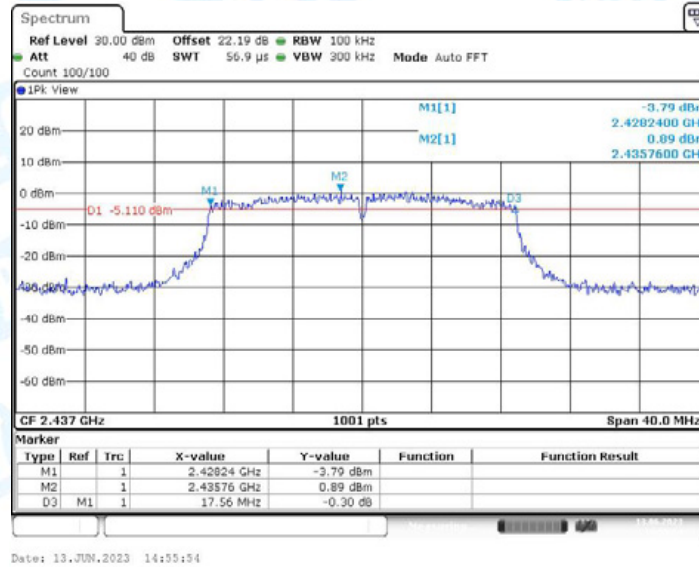


11N20MIMO\_Ant1\_2437

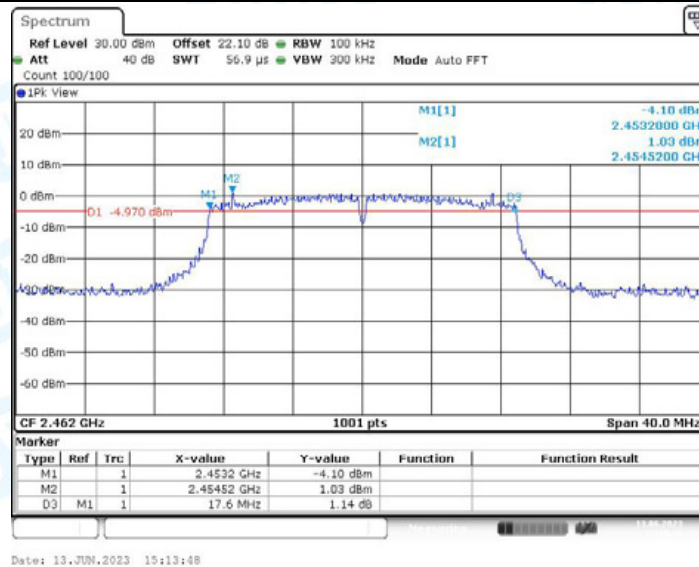


11N20MIMO\_Ant2\_2437

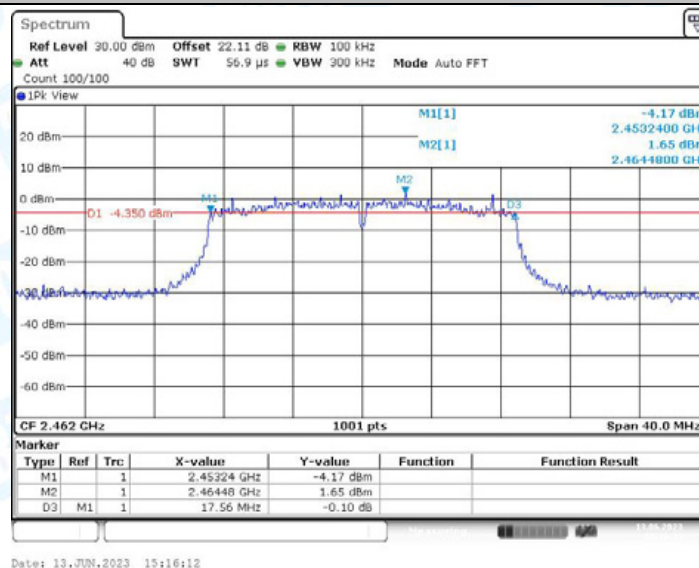




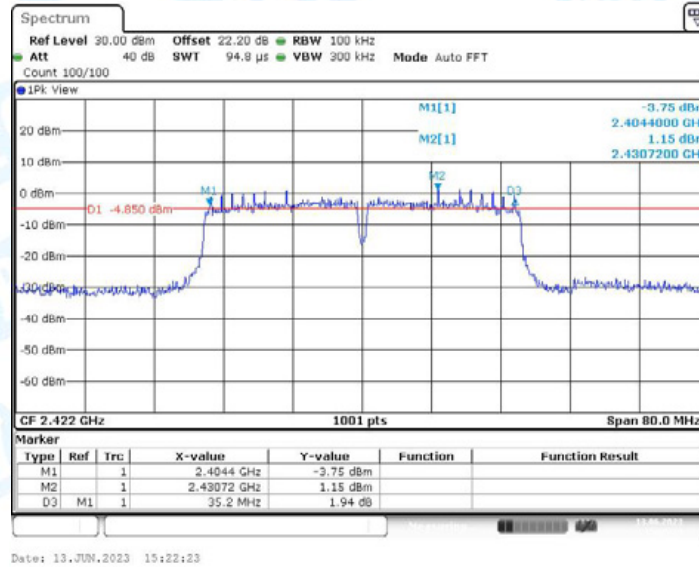
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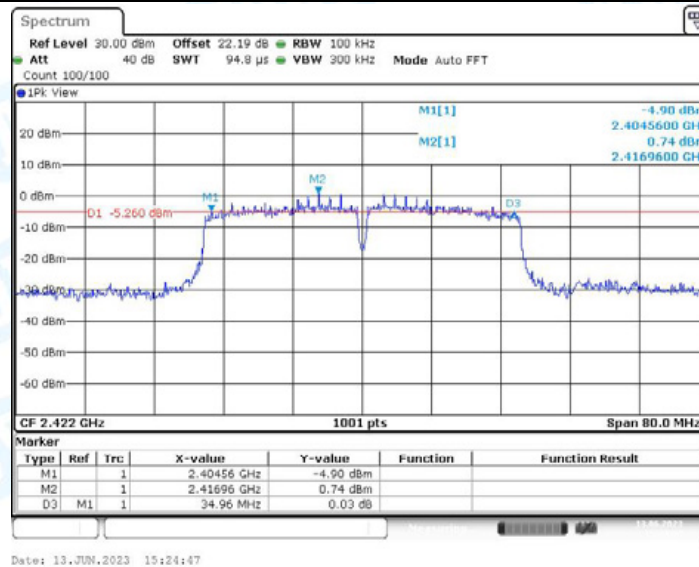
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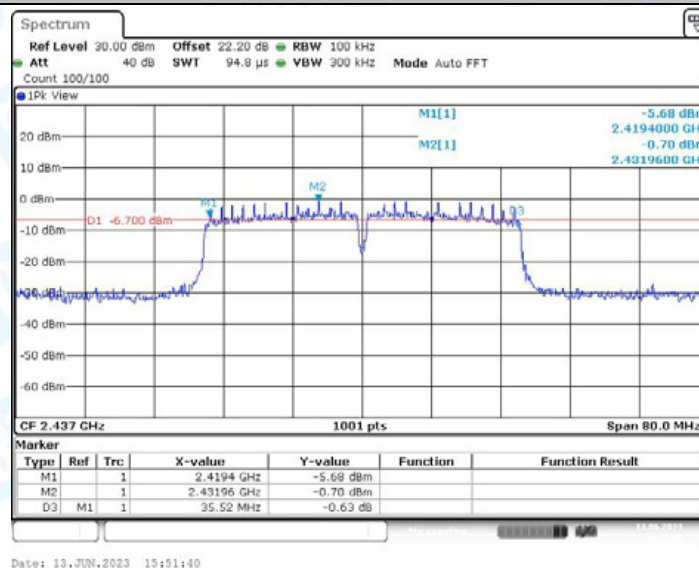
11N40MIMO\_Ant1\_2422



11N40MIMO\_Ant2\_2422

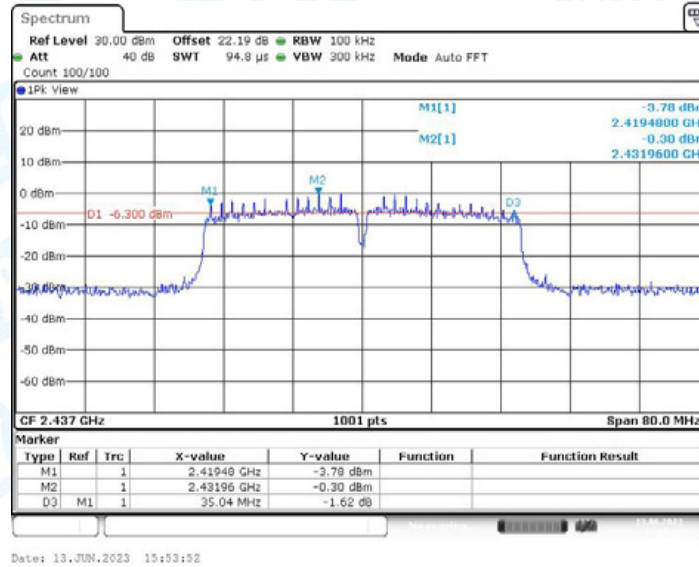


11N40MIMO\_Ant1\_2437

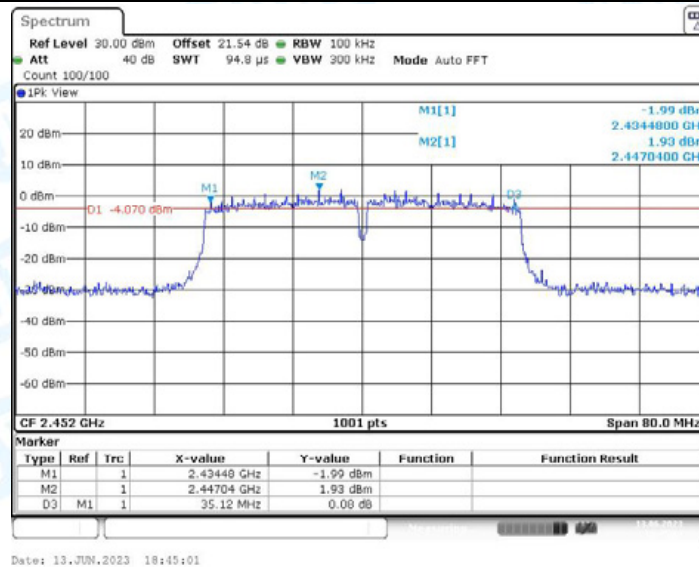


11N40MIMO\_Ant2\_2437

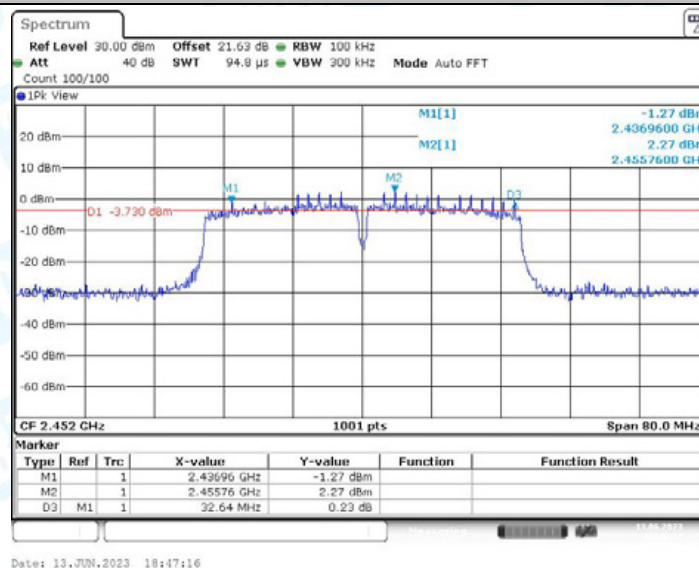




11N40MIMO\_Ant1\_2452



11N40MIMO\_Ant2\_2452



## 2. Occupied Channel Bandwidth

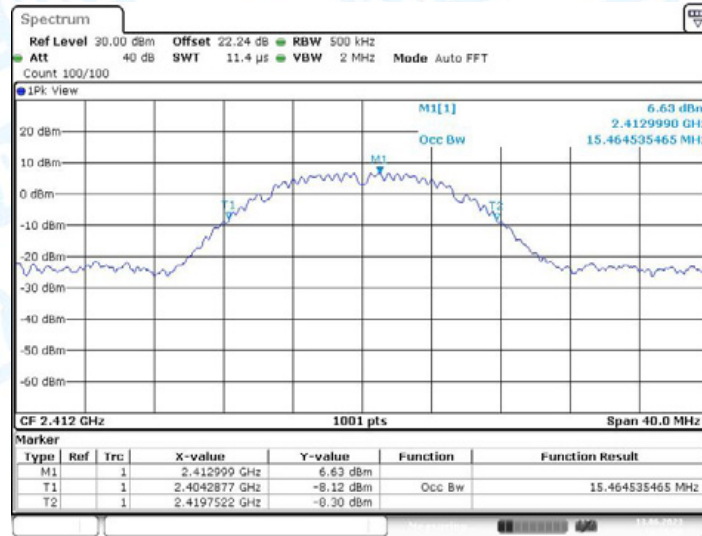
### 2.1. Test Result

| TestMode  | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|-----------|-----------|------------|---------|
| 11B-CDD   | Ant1    | 2412    | 15.465    | 2404.2877 | 2419.7522 | ---        | ---     |
|           | Ant2    | 2412    | 15.305    | 2404.4076 | 2419.7123 | ---        | ---     |
|           | Ant1    | 2437    | 15.504    | 2429.3277 | 2444.8322 | ---        | ---     |
|           | Ant2    | 2437    | 15.385    | 2429.3676 | 2444.7522 | ---        | ---     |
|           | Ant1    | 2462    | 15.544    | 2454.2078 | 2469.7522 | ---        | ---     |
|           | Ant2    | 2462    | 15.624    | 2454.2877 | 2469.9121 | ---        | ---     |
| 11G-CDD   | Ant1    | 2412    | 17.023    | 2403.6084 | 2420.6314 | ---        | ---     |
|           | Ant2    | 2412    | 16.903    | 2403.5684 | 2420.4715 | ---        | ---     |
|           | Ant1    | 2437    | 16.863    | 2428.6484 | 2445.5115 | ---        | ---     |
|           | Ant2    | 2437    | 17.063    | 2428.4486 | 2445.5115 | ---        | ---     |
|           | Ant1    | 2462    | 17.343    | 2453.5285 | 2470.8711 | ---        | ---     |
|           | Ant2    | 2462    | 16.703    | 2453.6084 | 2470.3117 | ---        | ---     |
| 11N20MIMO | Ant1    | 2412    | 17.862    | 2403.0889 | 2420.9510 | ---        | ---     |
|           | Ant2    | 2412    | 18.102    | 2403.0889 | 2421.1908 | ---        | ---     |
|           | Ant1    | 2437    | 18.022    | 2428.0889 | 2446.1109 | ---        | ---     |
|           | Ant2    | 2437    | 18.102    | 2427.8891 | 2445.9910 | ---        | ---     |
|           | Ant1    | 2462    | 18.022    | 2452.8891 | 2470.9111 | ---        | ---     |
|           | Ant2    | 2462    | 17.902    | 2453.0490 | 2470.9510 | ---        | ---     |
| 11N40MIMO | Ant1    | 2422    | 36.204    | 2403.8581 | 2440.0619 | ---        | ---     |
|           | Ant2    | 2422    | 36.364    | 2403.8581 | 2440.2218 | ---        | ---     |
|           | Ant1    | 2437    | 36.284    | 2418.8581 | 2455.1419 | ---        | ---     |
|           | Ant2    | 2437    | 36.444    | 2418.7782 | 2455.2218 | ---        | ---     |
|           | Ant1    | 2452    | 36.284    | 2433.9381 | 2470.2218 | ---        | ---     |
|           | Ant2    | 2452    | 36.284    | 2433.7782 | 2470.0619 | ---        | ---     |

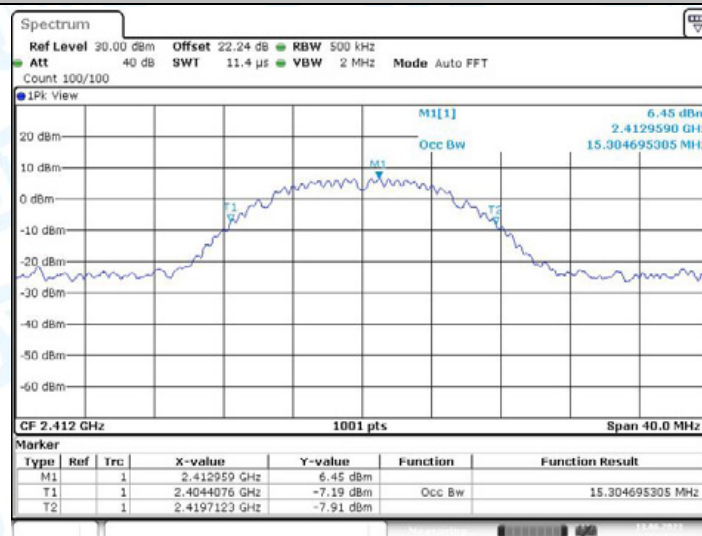


## 2.2. Test Graphs

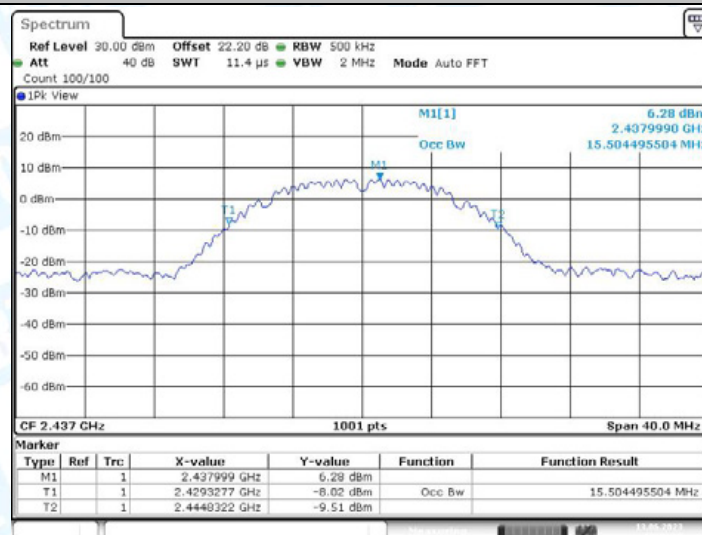
11B-CDD\_Ant1\_2412



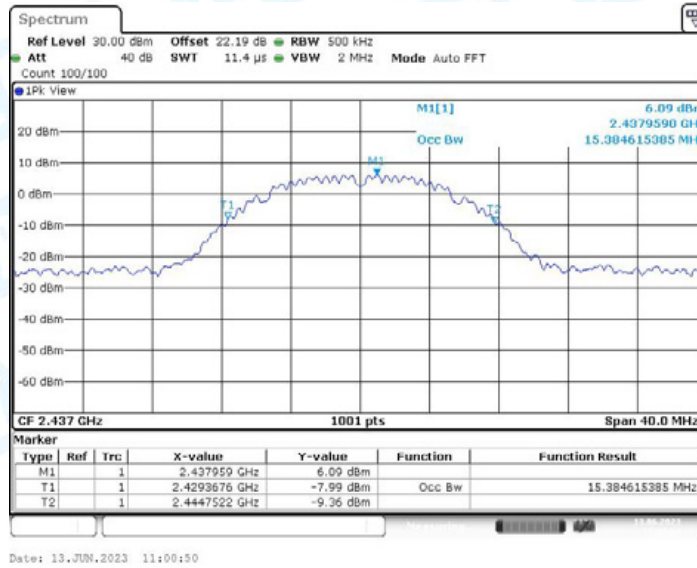
11B-CDD\_Ant2\_2412



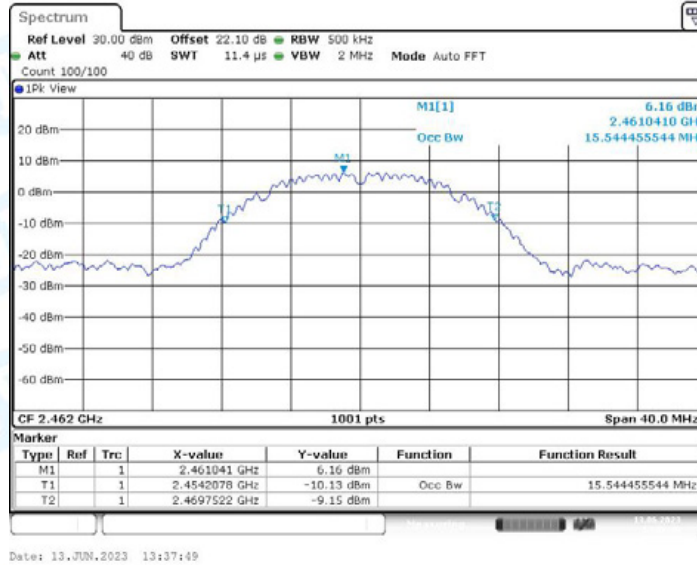
11B-CDD\_Ant1\_2437



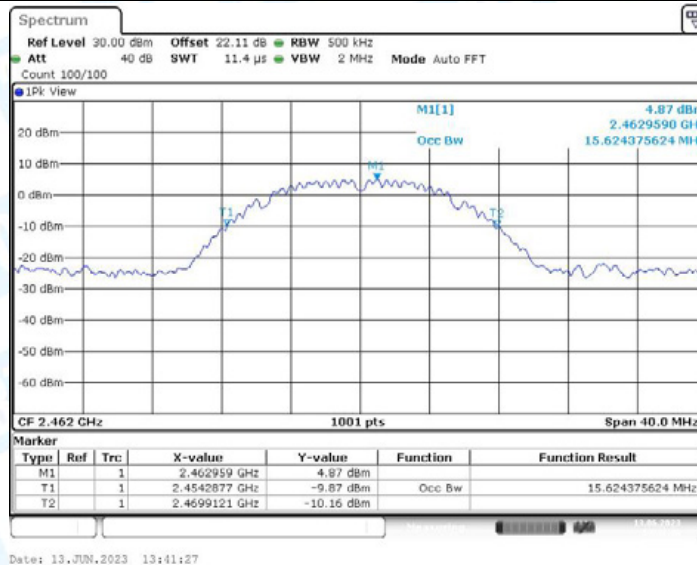
### 11B-CDD\_Ant2\_2437



### 11B-CDD\_Ant1\_2462

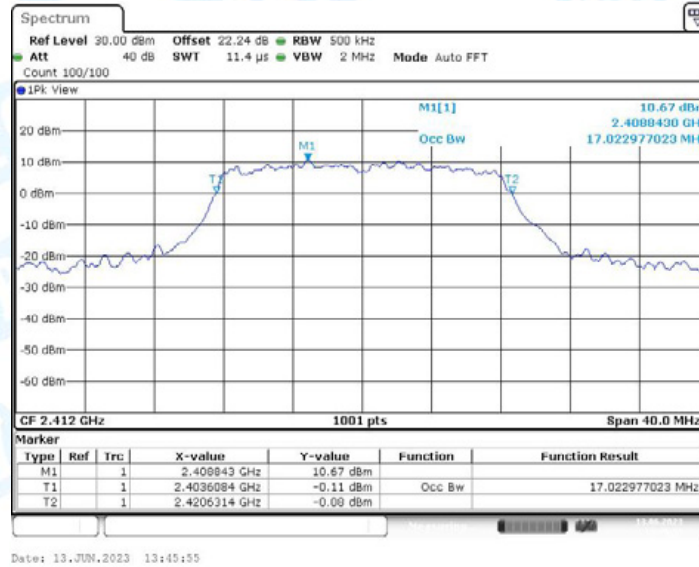


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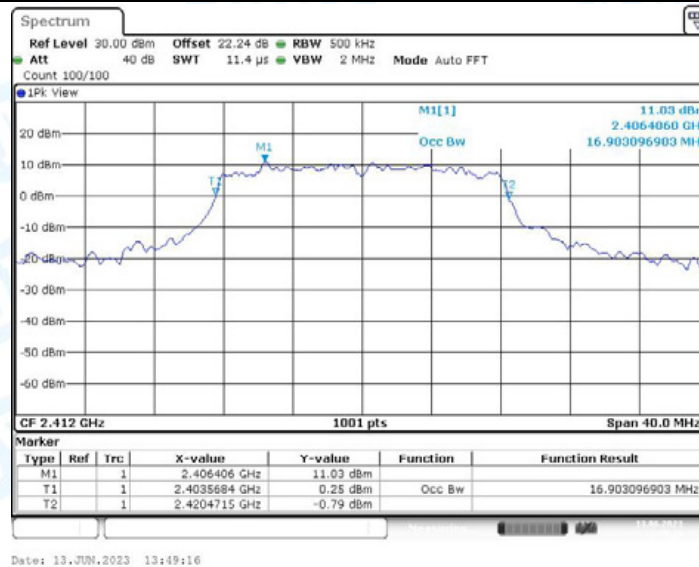


### 11G-CDD\_Ant1\_2412

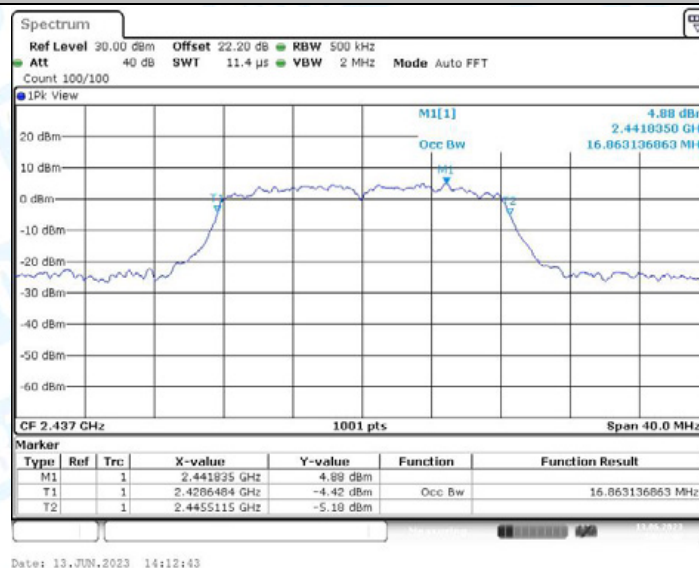




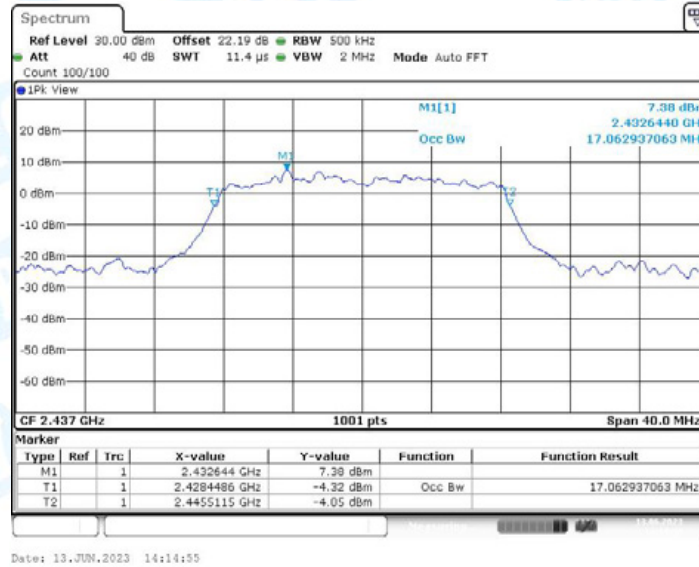
11G-CDD\_Ant2\_2412



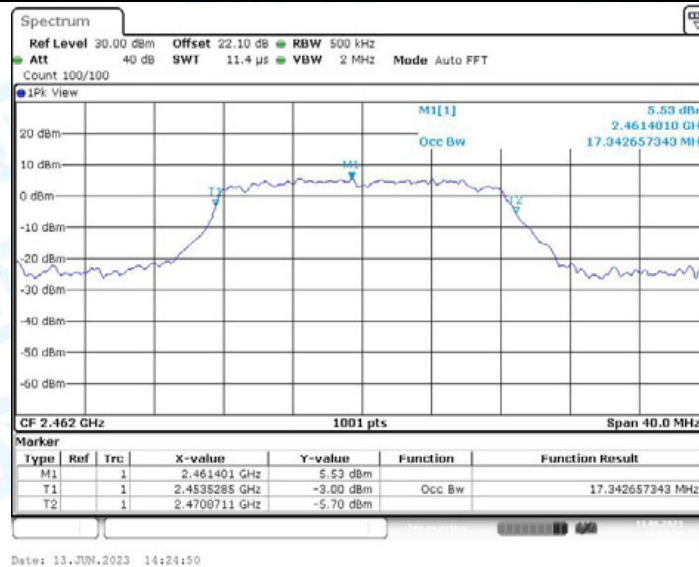
11G-CDD\_Ant1\_2437



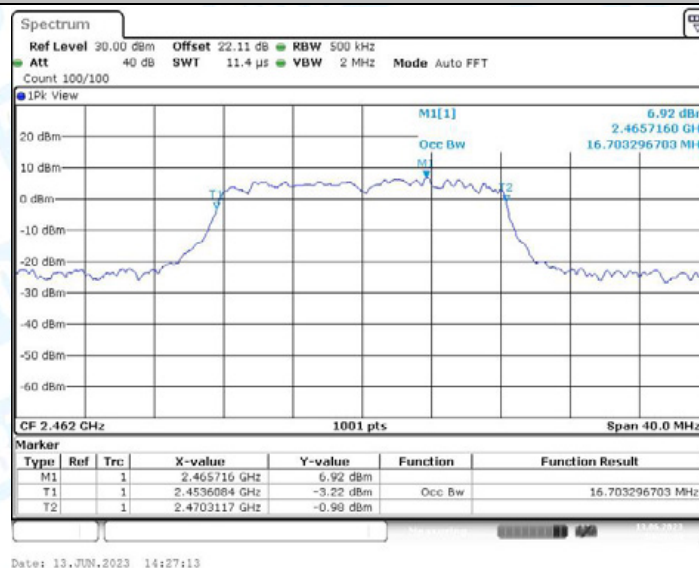
11G-CDD\_Ant2\_2437



11G-CDD\_Ant1\_2462

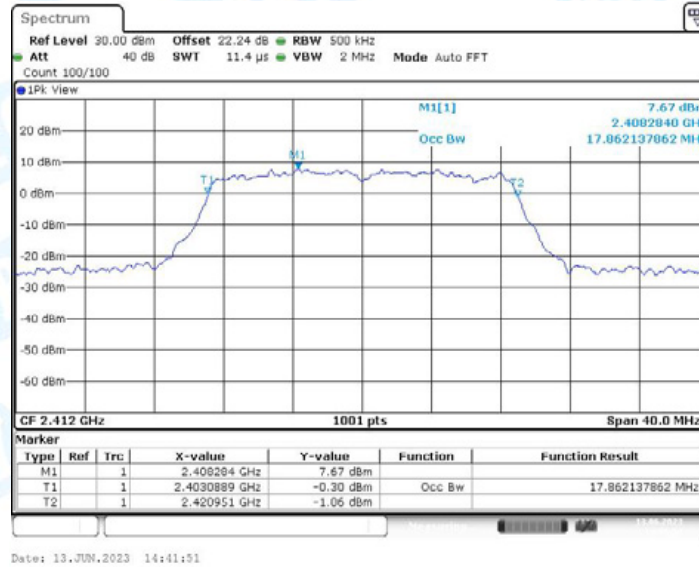


11G-CDD\_Ant2\_2462

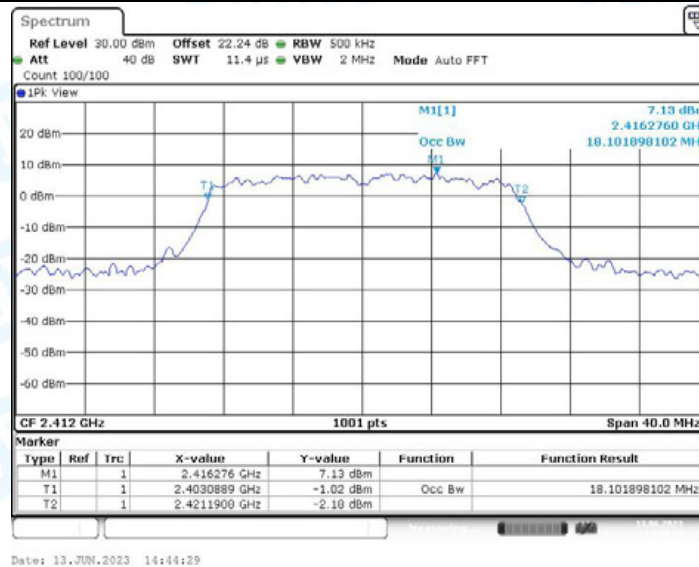


11N20MIMO\_Ant1\_2412





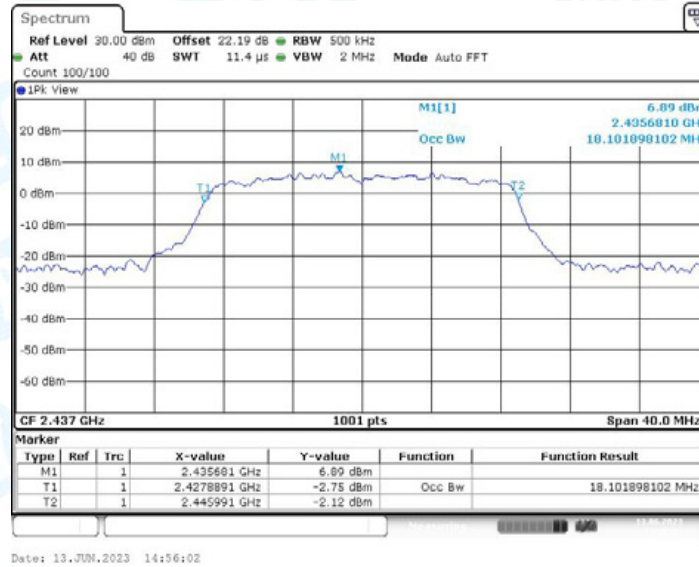
11N20MIMO\_Ant2\_2412



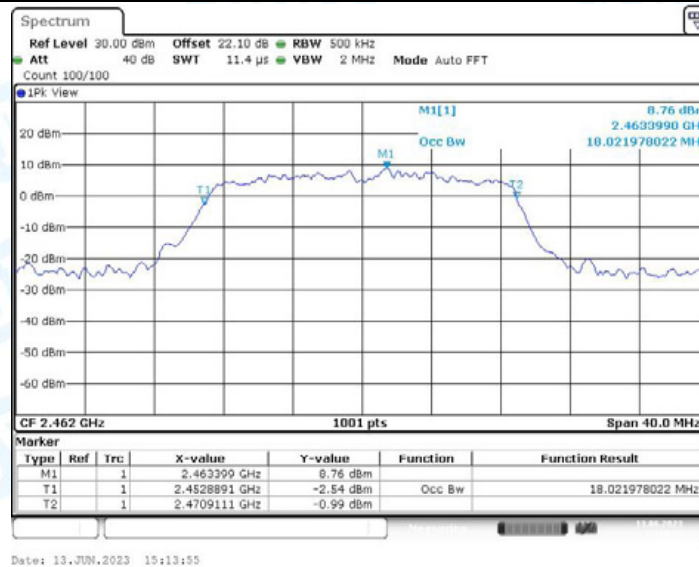
11N20MIMO\_Ant1\_2437



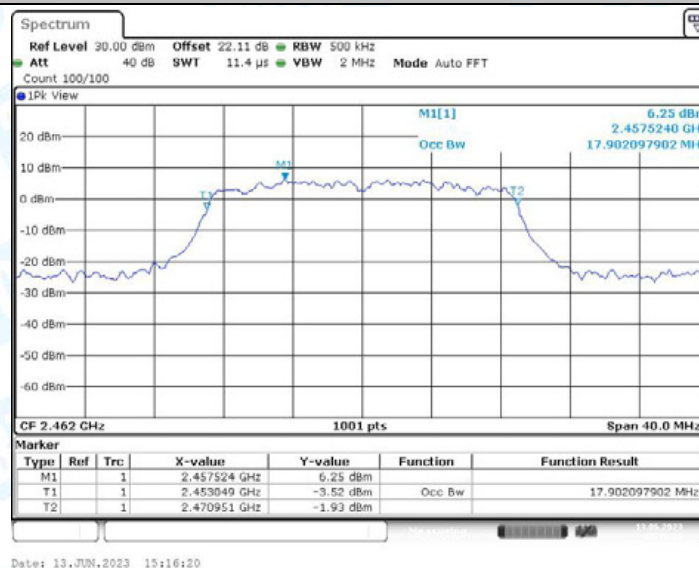
11N20MIMO\_Ant2\_2437



11N20MIMO\_Ant1\_2462

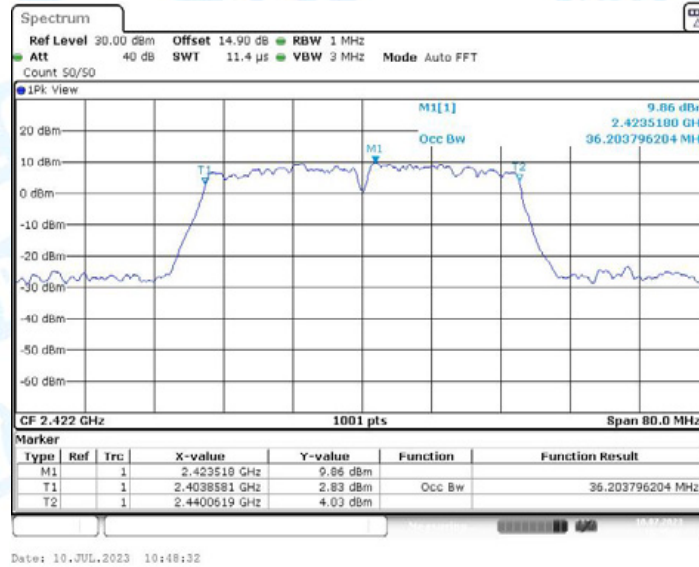


11N20MIMO\_Ant2\_2462

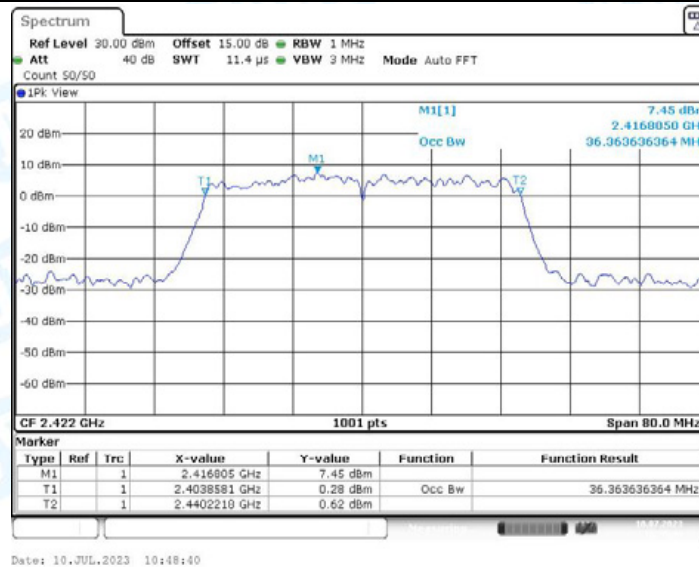


11N40MIMO\_Ant1\_2422

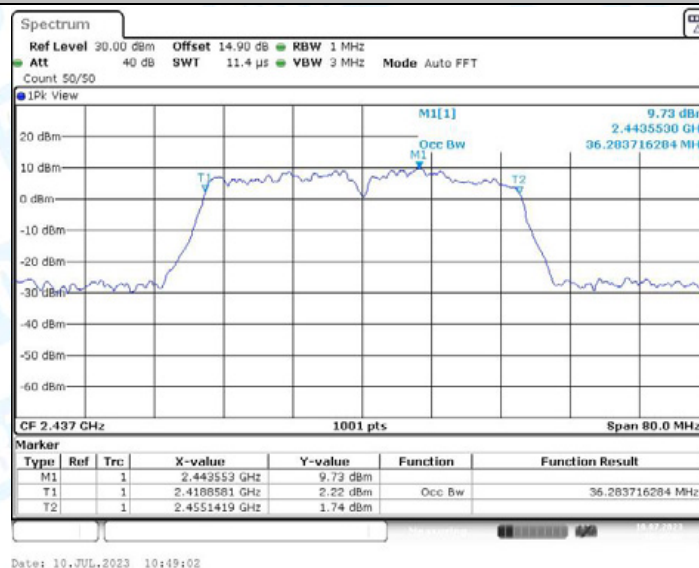




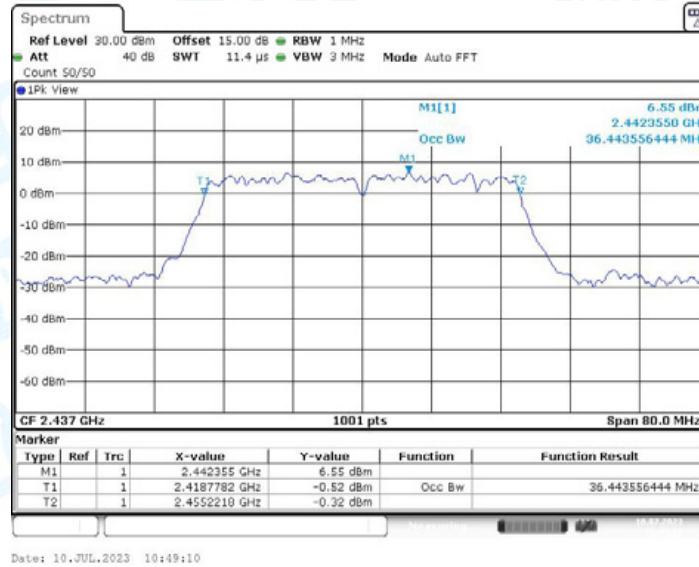
11N40MIMO\_Ant2\_2422



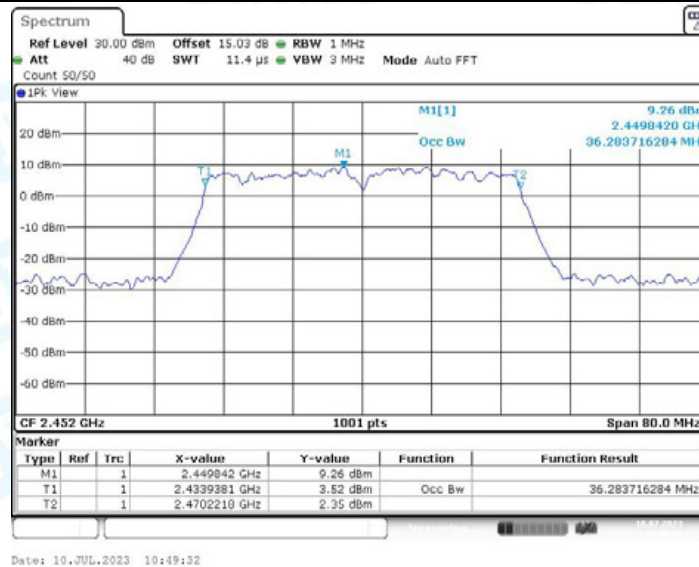
11N40MIMO\_Ant1\_2437



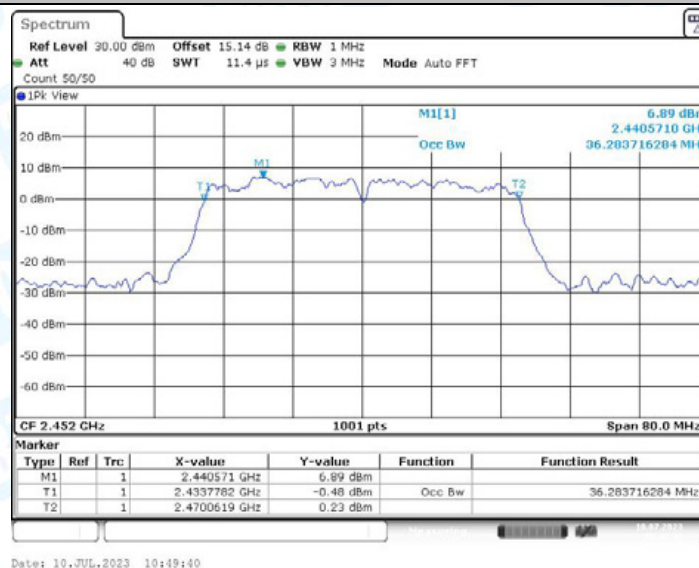
11N40MIMO\_Ant2\_2437



11N40MIMO\_Ant1\_2452



11N40MIMO\_Ant2\_2452





### 3. Maximum conducted output power

#### 3.1. Test Result

| TestMode  | Antenna | Channel | Power [dBm] | Limit [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|-------------|-------------|------------|-------------|---------|
| 11B-CDD   | Ant1    | 2412    | 17.51       | ≤30.00      | 19.55      | ≤36.00      | PASS    |
|           | Ant2    | 2412    | 17.49       | ≤30.00      | 19.52      | ≤36.00      | PASS    |
|           | total   | 2412    | 20.51       | ≤30.00      | 22.55      | ≤36.00      | PASS    |
|           | Ant1    | 2437    | 17.33       | ≤30.00      | 19.37      | ≤36.00      | PASS    |
|           | Ant2    | 2437    | 17.43       | ≤30.00      | 19.46      | ≤36.00      | PASS    |
|           | total   | 2437    | 20.39       | ≤30.00      | 22.43      | ≤36.00      | PASS    |
|           | Ant1    | 2462    | 17.29       | ≤30.00      | 19.33      | ≤36.00      | PASS    |
|           | Ant2    | 2462    | 16.12       | ≤30.00      | 18.15      | ≤36.00      | PASS    |
|           | total   | 2462    | 19.75       | ≤30.00      | 21.79      | ≤36.00      | PASS    |
| 11G-CDD   | Ant1    | 2412    | 16.56       | ≤30.00      | 18.60      | ≤36.00      | PASS    |
|           | Ant2    | 2412    | 17.55       | ≤30.00      | 19.58      | ≤36.00      | PASS    |
|           | total   | 2412    | 20.09       | ≤30.00      | 22.13      | ≤36.00      | PASS    |
|           | Ant1    | 2437    | 17.55       | ≤30.00      | 19.59      | ≤36.00      | PASS    |
|           | Ant2    | 2437    | 17.19       | ≤30.00      | 19.22      | ≤36.00      | PASS    |
|           | total   | 2437    | 20.38       | ≤30.00      | 22.42      | ≤36.00      | PASS    |
|           | Ant1    | 2462    | 17.74       | ≤30.00      | 19.78      | ≤36.00      | PASS    |
|           | Ant2    | 2462    | 16.71       | ≤30.00      | 18.74      | ≤36.00      | PASS    |
|           | total   | 2462    | 20.27       | ≤30.00      | 22.30      | ≤36.00      | PASS    |
| 11N20MIMO | Ant1    | 2412    | 18.06       | ≤30.00      | 20.10      | ≤36.00      | PASS    |
|           | Ant2    | 2412    | 17.18       | ≤30.00      | 19.21      | ≤36.00      | PASS    |
|           | total   | 2412    | 20.65       | ≤30.00      | 22.69      | ≤36.00      | PASS    |
|           | Ant1    | 2437    | 17.86       | ≤30.00      | 19.90      | ≤36.00      | PASS    |
|           | Ant2    | 2437    | 17.39       | ≤30.00      | 19.42      | ≤36.00      | PASS    |
|           | total   | 2437    | 20.64       | ≤30.00      | 22.68      | ≤36.00      | PASS    |
|           | Ant1    | 2462    | 18.03       | ≤30.00      | 20.07      | ≤36.00      | PASS    |
|           | Ant2    | 2462    | 17.04       | ≤30.00      | 19.07      | ≤36.00      | PASS    |
|           | total   | 2462    | 20.57       | ≤30.00      | 22.61      | ≤36.00      | PASS    |
| 11N40MIMO | Ant1    | 2422    | 17.68       | ≤30.00      | 19.72      | ≤36.00      | PASS    |
|           | Ant2    | 2422    | 17.30       | ≤30.00      | 19.33      | ≤36.00      | PASS    |
|           | total   | 2422    | 20.50       | ≤30.00      | 22.54      | ≤36.00      | PASS    |
|           | Ant1    | 2437    | 16.55       | ≤30.00      | 18.59      | ≤36.00      | PASS    |
|           | Ant2    | 2437    | 16.82       | ≤30.00      | 18.85      | ≤36.00      | PASS    |
|           | total   | 2437    | 19.70       | ≤30.00      | 21.73      | ≤36.00      | PASS    |
|           | Ant1    | 2452    | 17.34       | ≤30.00      | 19.38      | ≤36.00      | PASS    |
|           | Ant2    | 2452    | 16.54       | ≤30.00      | 18.57      | ≤36.00      | PASS    |
|           | total   | 2452    | 19.97       | ≤30.00      | 22.00      | ≤36.00      | PASS    |



## 4. Maximum power spectral density

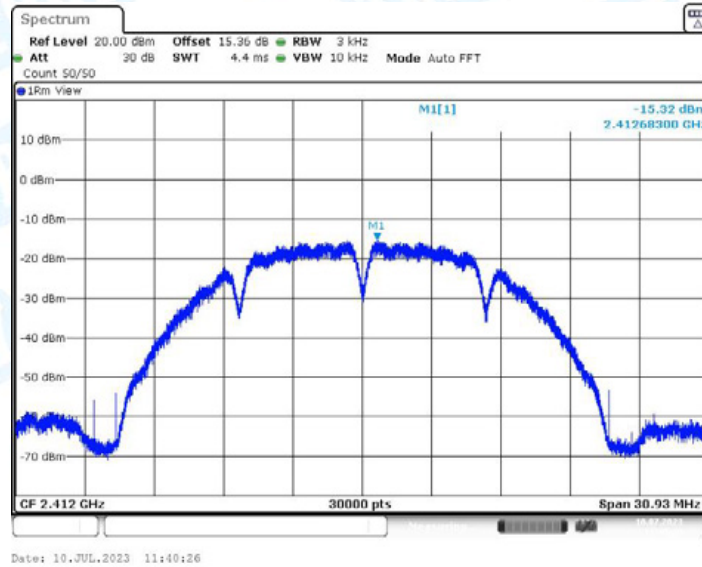
### 4.1. Test Result

| TestMode  | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|------------------|-----------------|---------|
| 11B-CDD   | Ant1    | 2412    | -15.32           | ≤8.00           | PASS    |
|           | Ant2    | 2412    | -15.34           | ≤8.00           | PASS    |
|           | total   | 2412    | -12.32           | ≤8.00           | PASS    |
|           | Ant1    | 2437    | -15.69           | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -14.49           | ≤8.00           | PASS    |
|           | total   | 2437    | -12.04           | ≤8.00           | PASS    |
|           | Ant1    | 2462    | -14.59           | ≤8.00           | PASS    |
|           | Ant2    | 2462    | -15.15           | ≤8.00           | PASS    |
|           | total   | 2462    | -11.85           | ≤8.00           | PASS    |
| 11G-CDD   | Ant1    | 2412    | -14.23           | ≤8.00           | PASS    |
|           | Ant2    | 2412    | -13.67           | ≤8.00           | PASS    |
|           | total   | 2412    | -10.93           | ≤8.00           | PASS    |
|           | Ant1    | 2437    | -14.38           | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -14.42           | ≤8.00           | PASS    |
|           | total   | 2437    | -11.39           | ≤8.00           | PASS    |
|           | Ant1    | 2462    | -13.61           | ≤8.00           | PASS    |
|           | Ant2    | 2462    | -14.52           | ≤8.00           | PASS    |
|           | total   | 2462    | -11.03           | ≤8.00           | PASS    |
| 11N20MIMO | Ant1    | 2412    | -12.36           | ≤8.00           | PASS    |
|           | Ant2    | 2412    | -14.13           | ≤8.00           | PASS    |
|           | total   | 2412    | -10.15           | ≤8.00           | PASS    |
|           | Ant1    | 2437    | -14.7            | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -14.75           | ≤8.00           | PASS    |
|           | total   | 2437    | -11.71           | ≤8.00           | PASS    |
|           | Ant1    | 2462    | -15.08           | ≤8.00           | PASS    |
|           | Ant2    | 2462    | -14.06           | ≤8.00           | PASS    |
|           | total   | 2462    | -11.53           | ≤8.00           | PASS    |
| 11N40MIMO | Ant1    | 2422    | -16.94           | ≤8.00           | PASS    |
|           | Ant2    | 2422    | -17.41           | ≤8.00           | PASS    |
|           | total   | 2422    | -14.16           | ≤8.00           | PASS    |
|           | Ant1    | 2437    | -17.19           | ≤8.00           | PASS    |
|           | Ant2    | 2437    | -17.61           | ≤8.00           | PASS    |
|           | total   | 2437    | -14.38           | ≤8.00           | PASS    |
|           | Ant1    | 2452    | -17.3            | ≤8.00           | PASS    |
|           | Ant2    | 2452    | -17.56           | ≤8.00           | PASS    |
|           | total   | 2452    | -14.42           | ≤8.00           | PASS    |

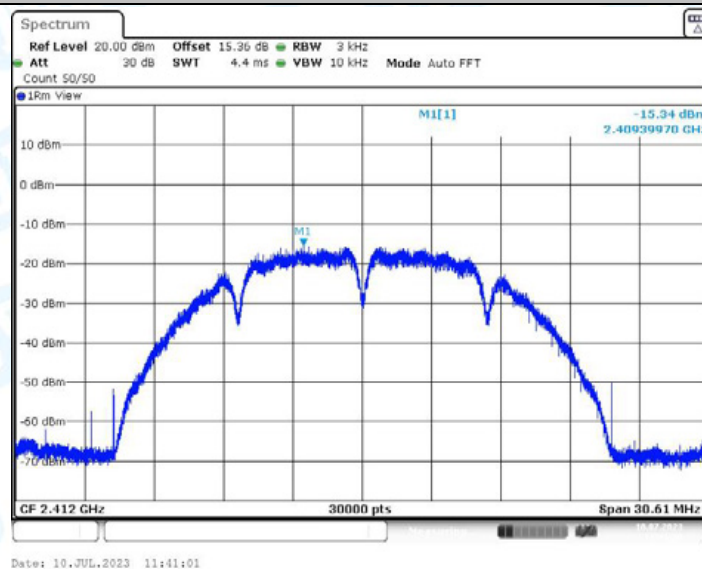


## 4.2. Test Graphs

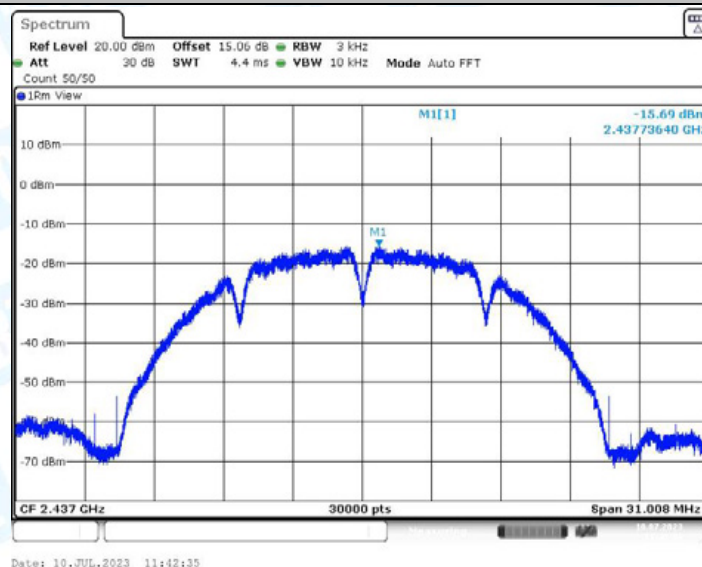
11B-CDD\_Ant1\_2412



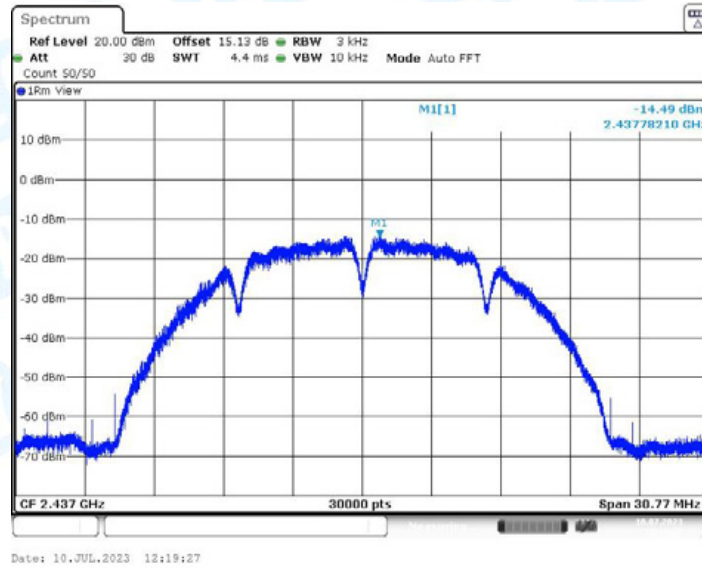
11B-CDD\_Ant2\_2412



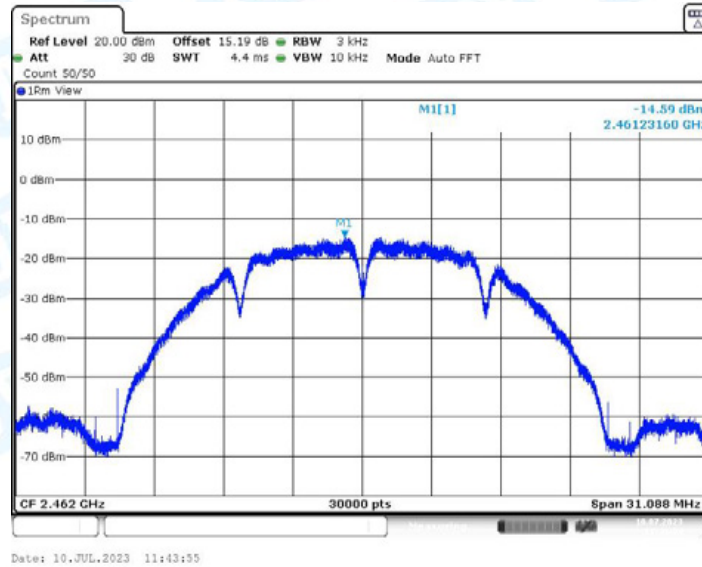
11B-CDD\_Ant1\_2437



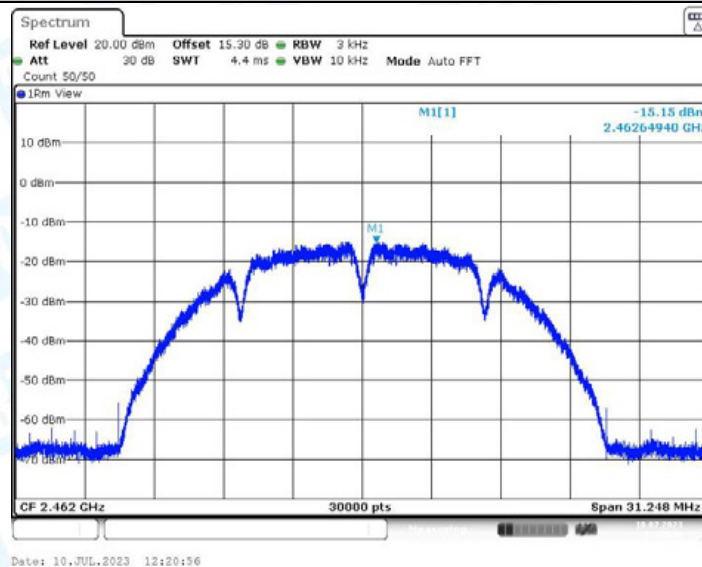
11B-CDD\_Ant2\_2437



11B-CDD\_Ant1\_2462

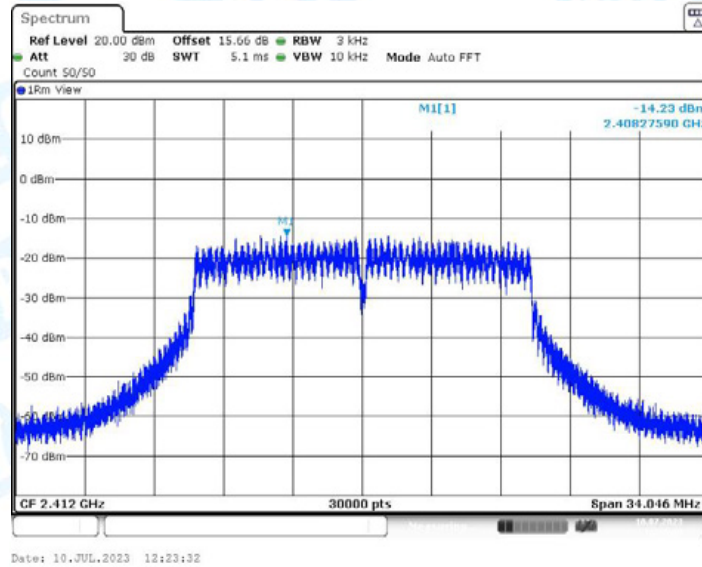


11B-CDD\_Ant2\_2462

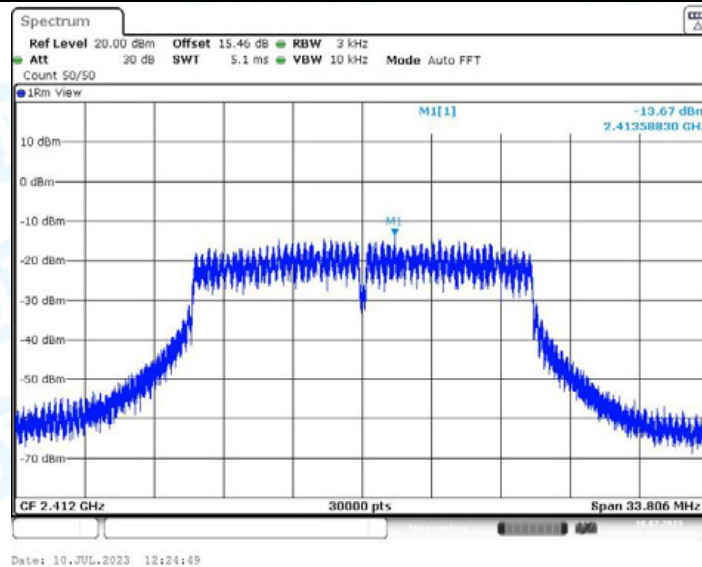


11G-CDD\_Ant1\_2412

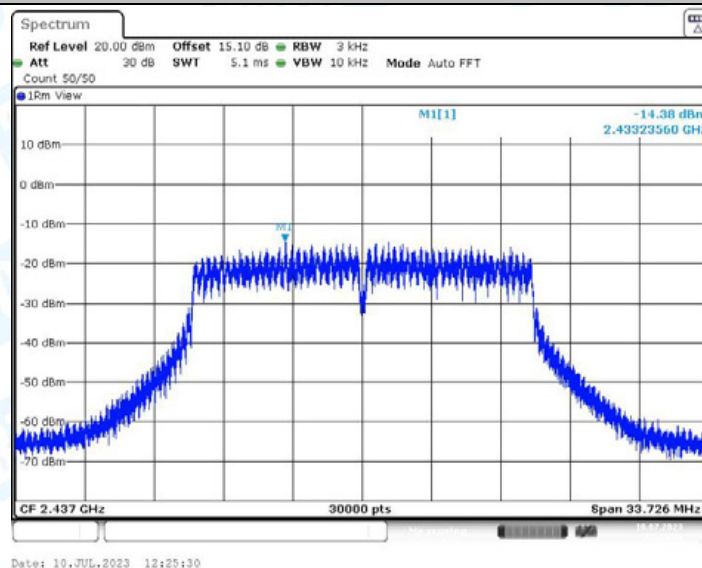




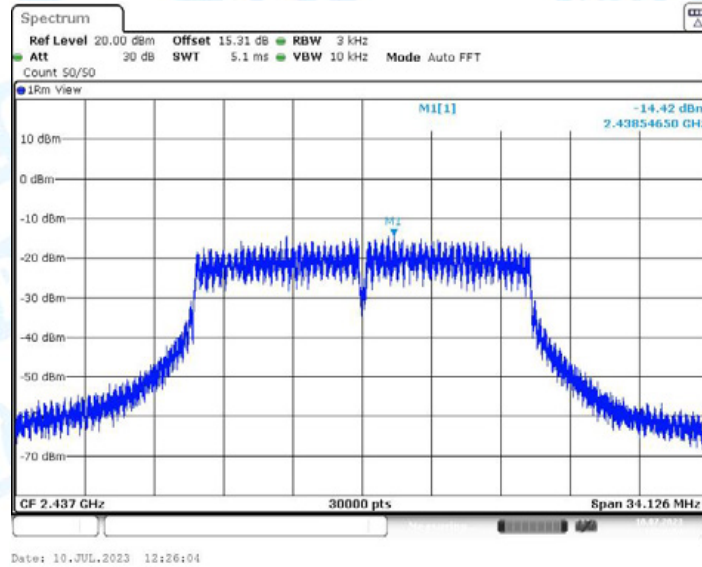
11G-CDD\_Ant2\_2412



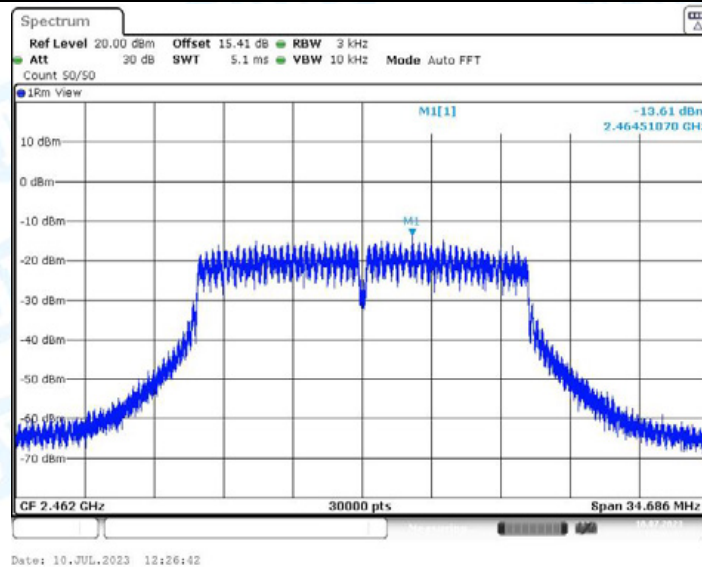
11G-CDD\_Ant1\_2437



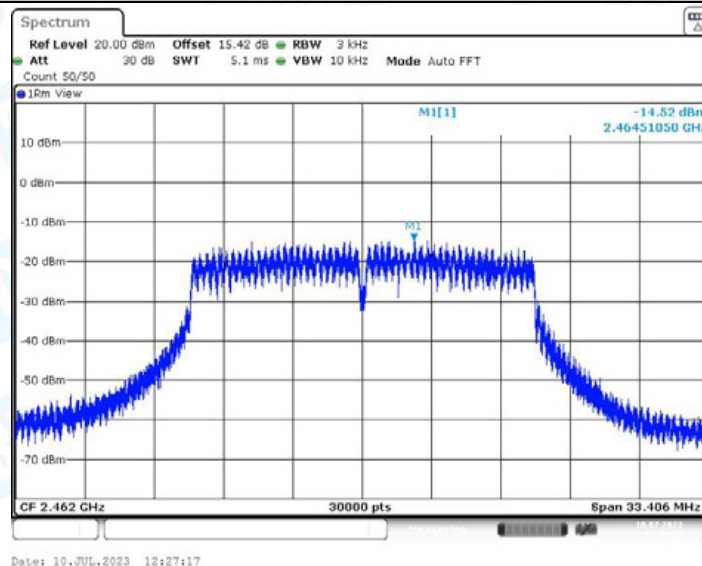
11G-CDD\_Ant2\_2437



11G-CDD\_Ant1\_2462

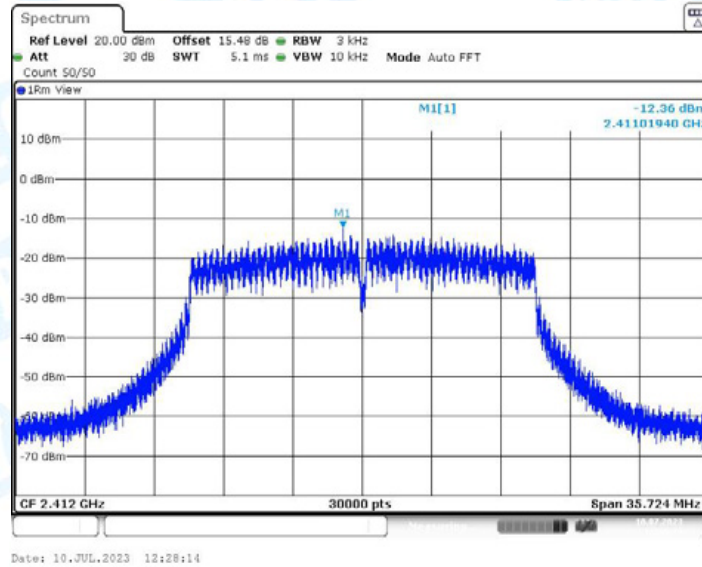


11G-CDD\_Ant2\_2462

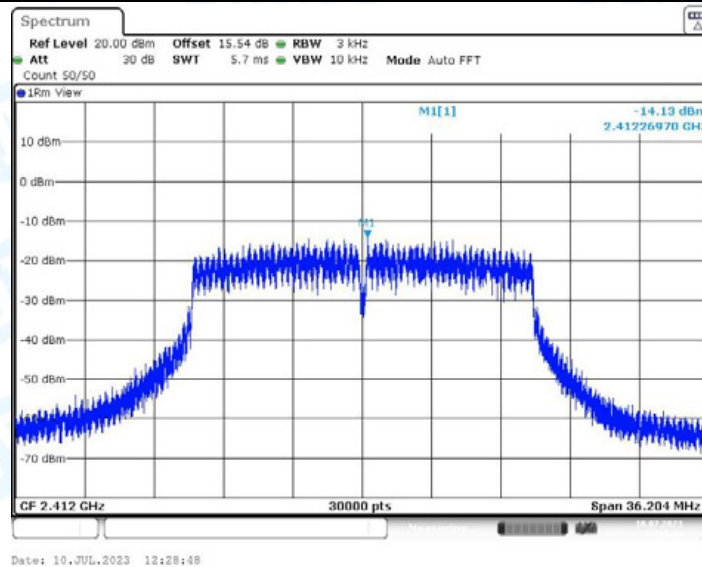


11N20MIMO\_Ant1\_2412

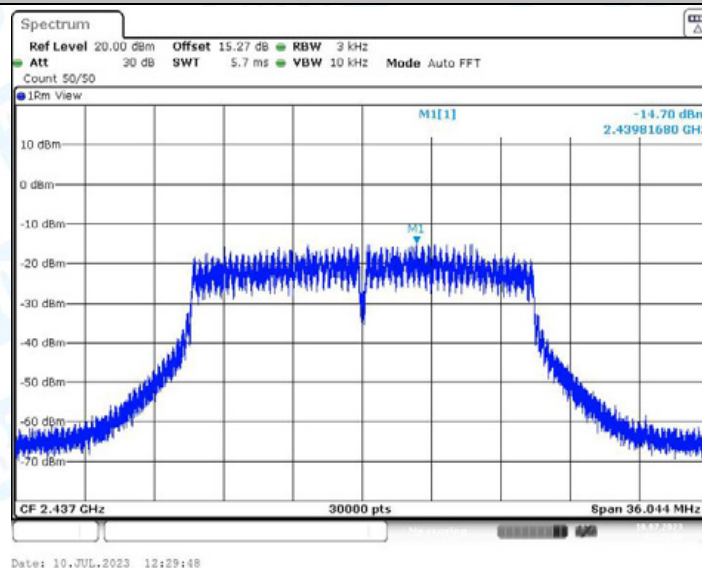




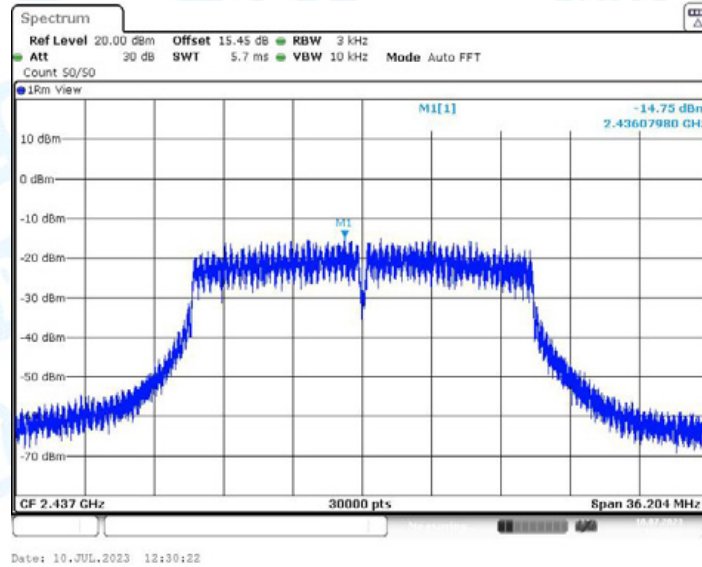
11N20MIMO\_Ant2\_2412



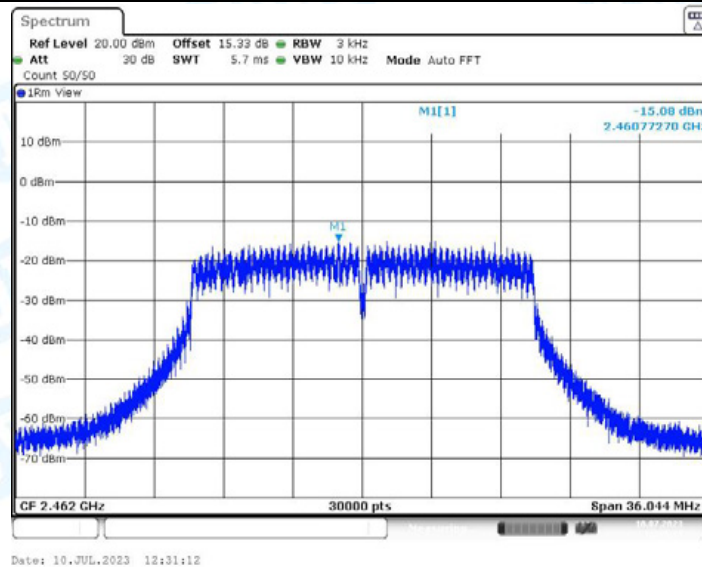
11N20MIMO\_Ant1\_2437



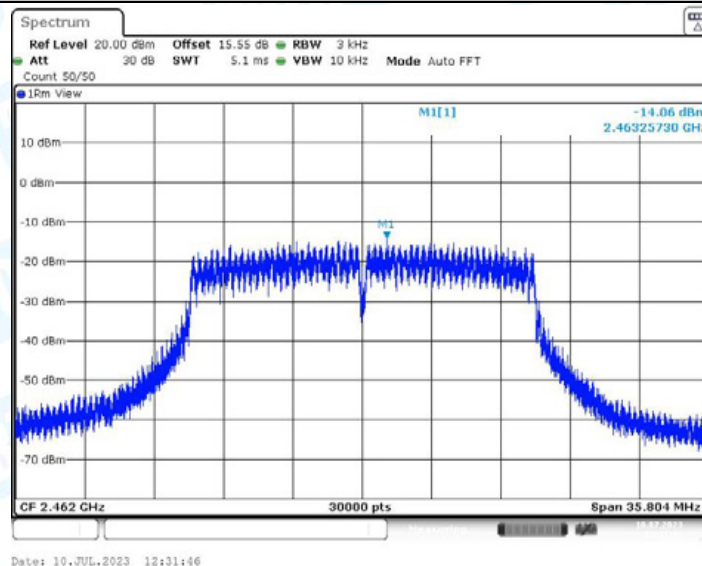
11N20MIMO\_Ant2\_2437



11N20MIMO\_Ant1\_2462

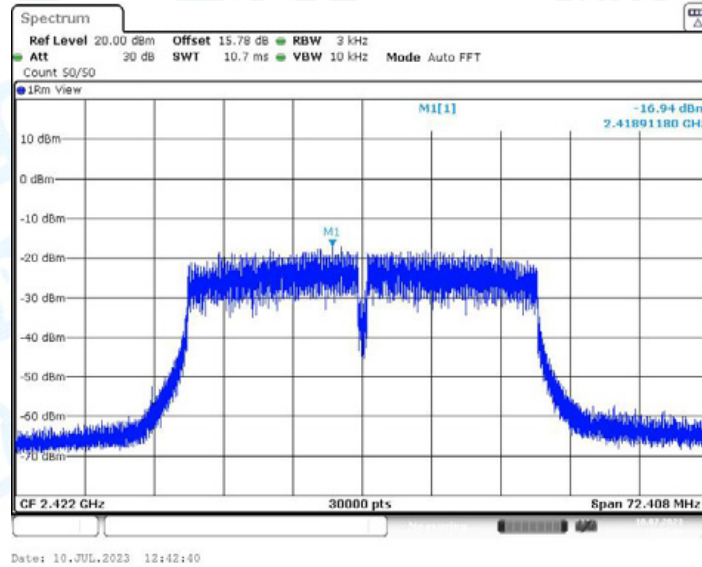


11N20MIMO\_Ant2\_2462

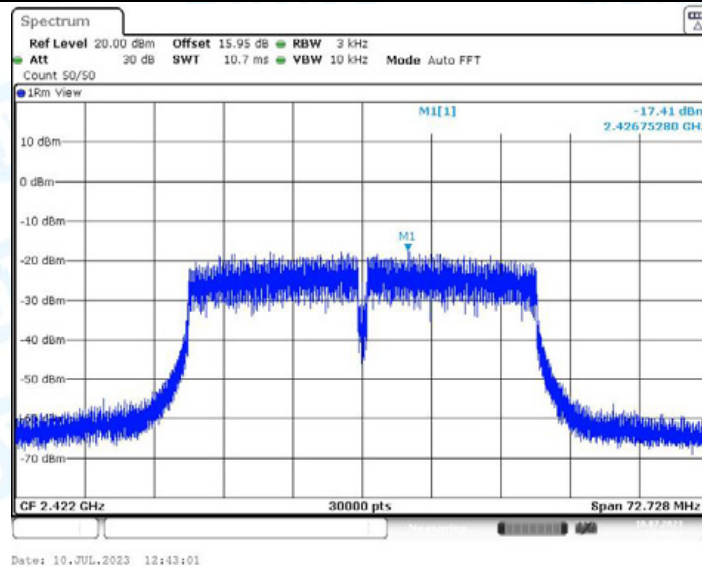


11N40MIMO\_Ant1\_2422

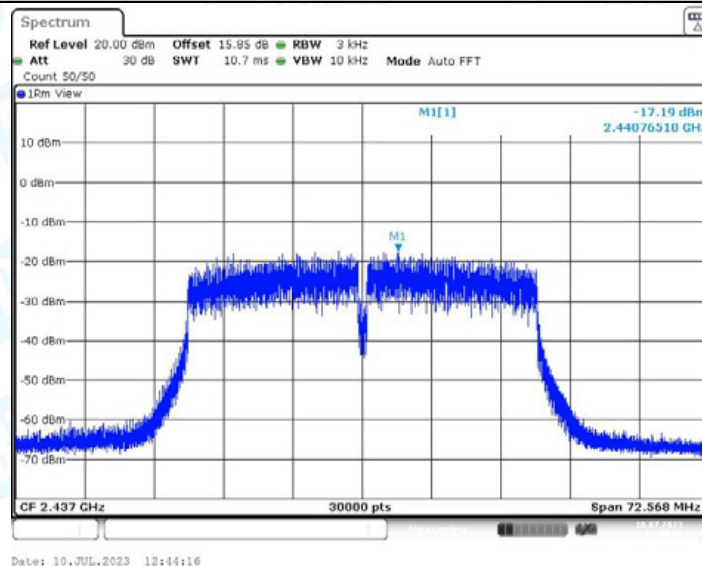




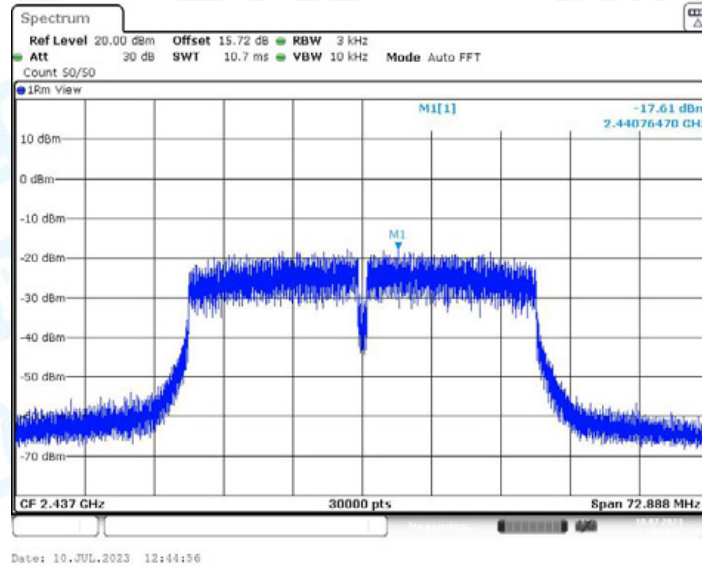
11N40MIMO\_Ant2\_2422



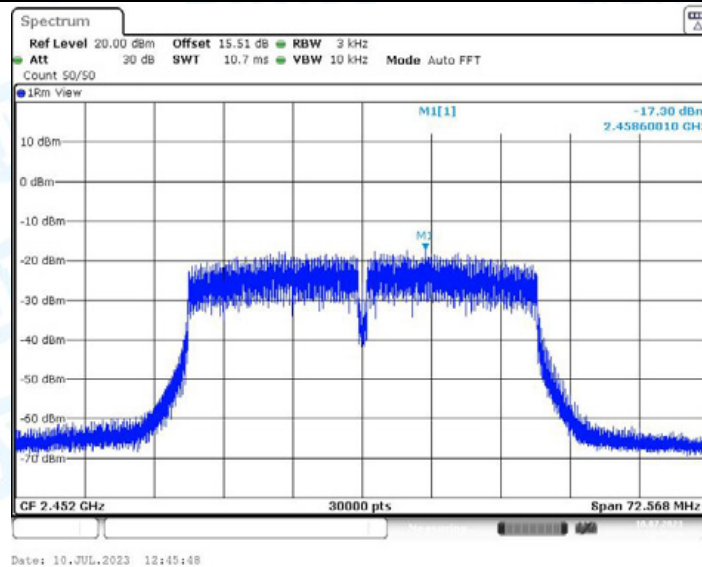
11N40MIMO\_Ant1\_2437



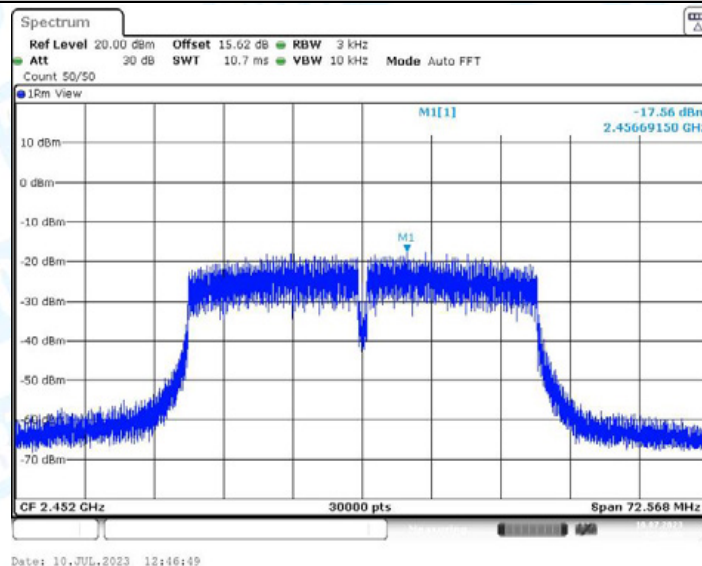
11N40MIMO\_Ant2\_2437



11N40MIMO\_Ant1\_2452



11N40MIMO\_Ant2\_2452





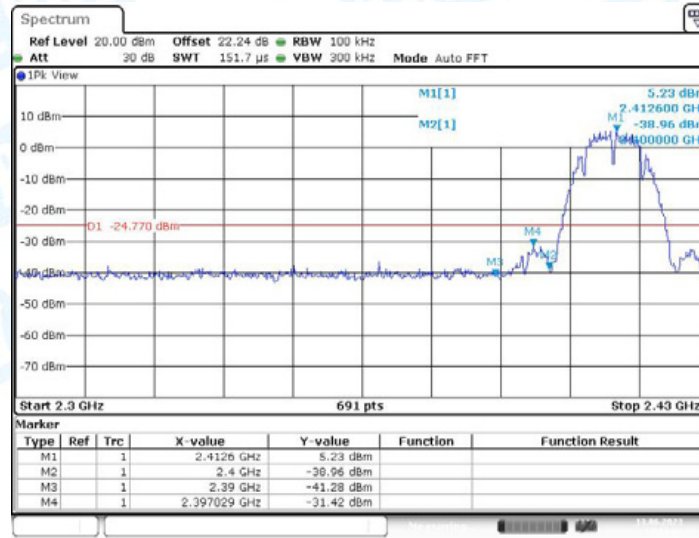
## 5. Band edge measurements

### 5.1. Test Result

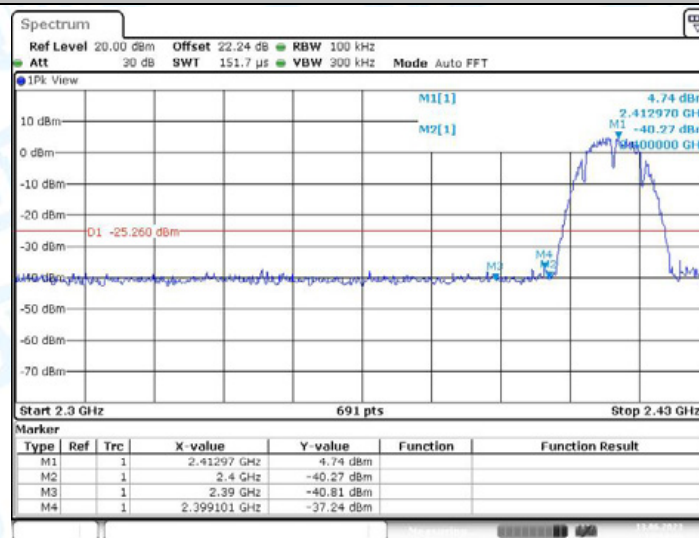
| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B-CDD   | Ant1    | Low    | 2412    | 5.23          | -31.42      | ≤-24.77    | PASS    |
|           | Ant2    | Low    | 2412    | 4.74          | -37.24      | ≤-25.26    | PASS    |
|           | Ant1    | High   | 2462    | 4.98          | -35.57      | ≤-25.02    | PASS    |
|           | Ant2    | High   | 2462    | 4.23          | -36.81      | ≤-25.77    | PASS    |
| 11G-CDD   | Ant1    | Low    | 2412    | -0.01         | -35.01      | ≤-30.01    | PASS    |
|           | Ant2    | Low    | 2412    | 1.35          | -31.01      | ≤-28.65    | PASS    |
|           | Ant1    | High   | 2462    | -0.63         | -35.94      | ≤-30.63    | PASS    |
|           | Ant2    | High   | 2462    | 0.33          | -35.59      | ≤-29.67    | PASS    |
| 11N20MIMO | Ant1    | Low    | 2412    | 2.69          | -30.01      | ≤-27.31    | PASS    |
|           | Ant2    | Low    | 2412    | 3.56          | -29.52      | ≤-26.44    | PASS    |
|           | Ant1    | High   | 2462    | 1.84          | -36.46      | ≤-28.16    | PASS    |
|           | Ant2    | High   | 2462    | 1.55          | -36.87      | ≤-28.45    | PASS    |
| 11N40MIMO | Ant1    | Low    | 2422    | 0.70          | -35.00      | ≤-29.30    | PASS    |
|           | Ant2    | Low    | 2422    | 1.00          | -33.43      | ≤-29.00    | PASS    |
|           | Ant1    | High   | 2452    | 3.08          | -34.88      | ≤-26.92    | PASS    |
|           | Ant2    | High   | 2452    | 2.27          | -35.09      | ≤-27.73    | PASS    |

## 5.2. Test Graphs

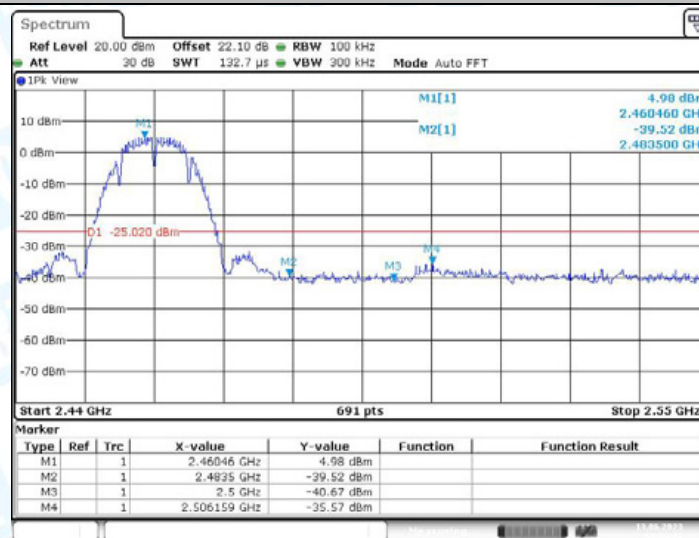
11B-CDD\_Ant1\_Low\_2412



11B-CDD\_Ant2\_Low\_2412

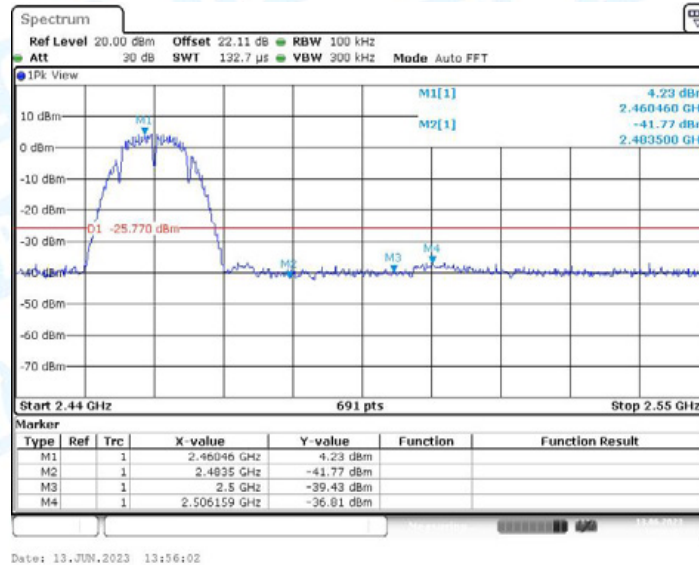


11B-CDD\_Ant1\_High\_2462

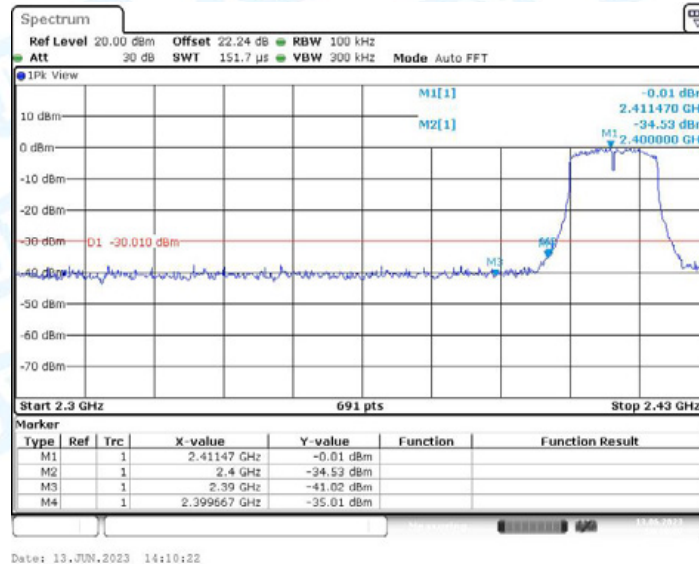




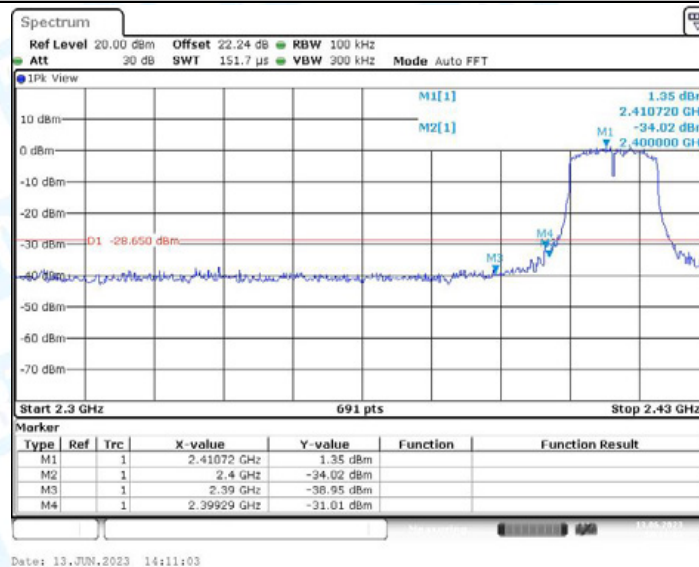
### 11B-CDD\_Ant2\_High\_2462



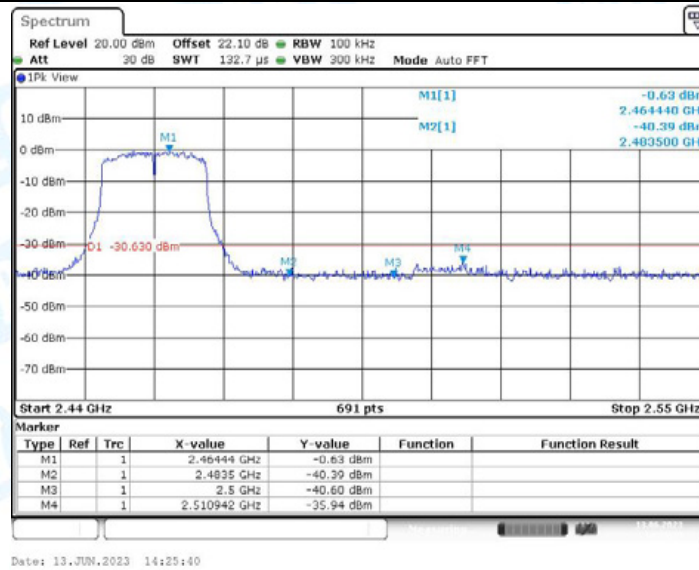
### 11G-CDD\_Ant1\_Low\_2412



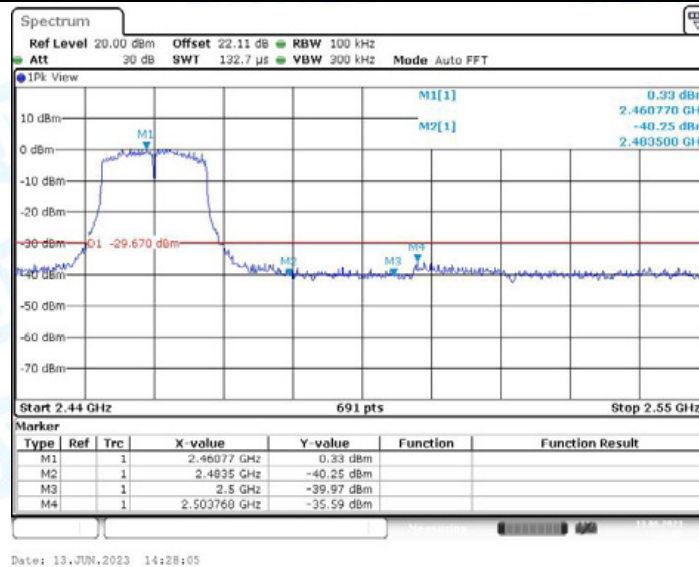
### 11G-CDD\_Ant2\_Low\_2412



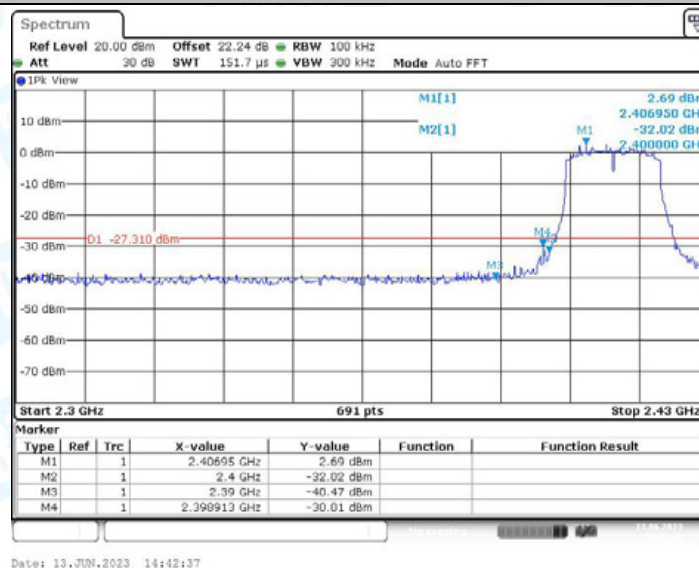
### 11G-CDD\_Ant1\_High\_2462



11G-CDD\_Ant2\_High\_2462

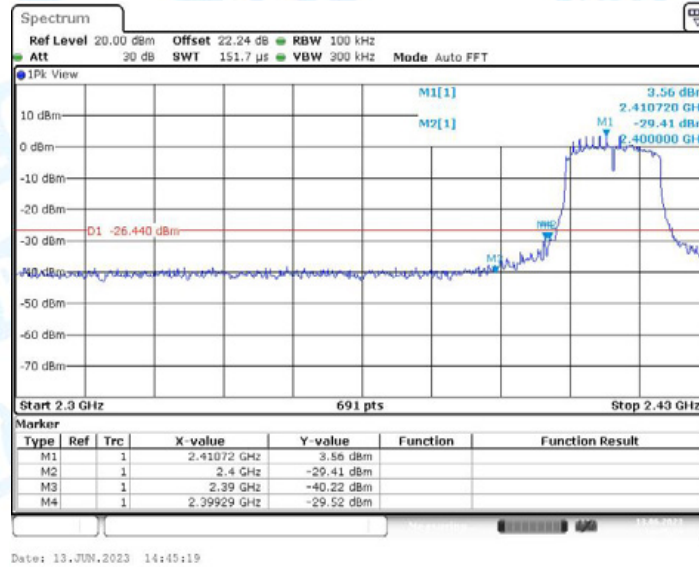


11N20MIMO\_Ant1\_Low\_2412

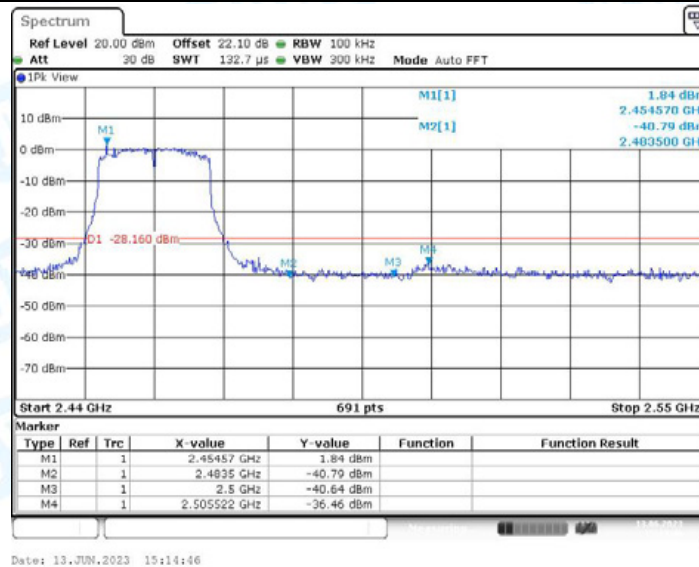


11N20MIMO\_Ant2\_Low\_2412

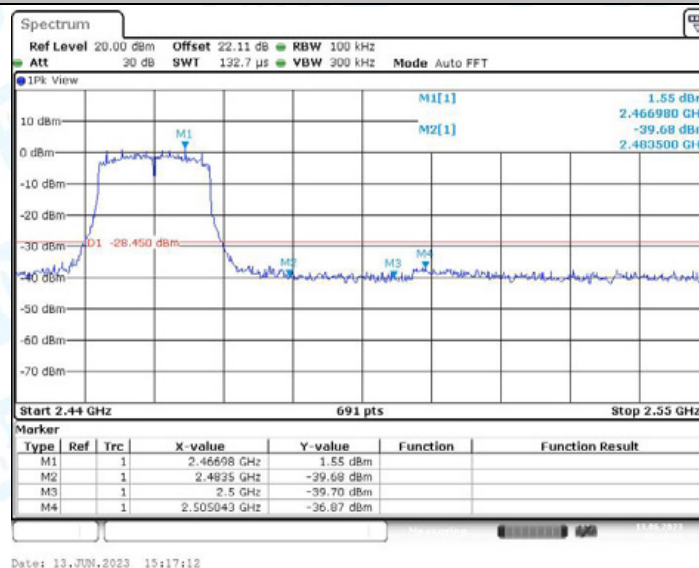




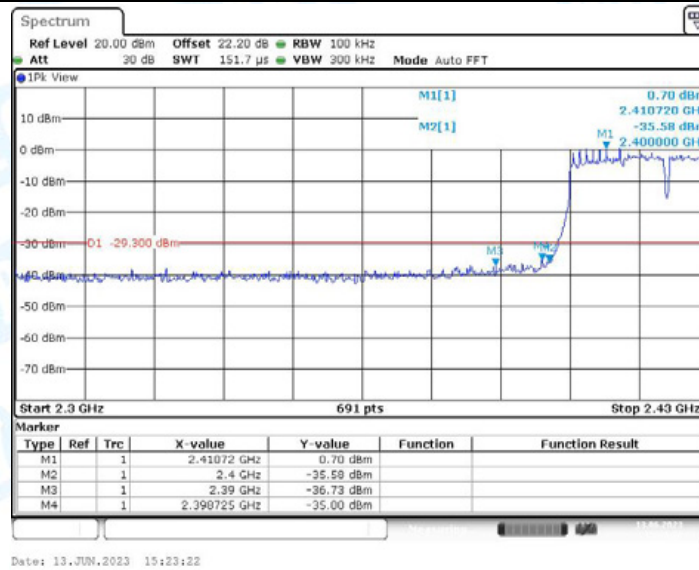
11N20MIMO\_Ant1\_High\_2462



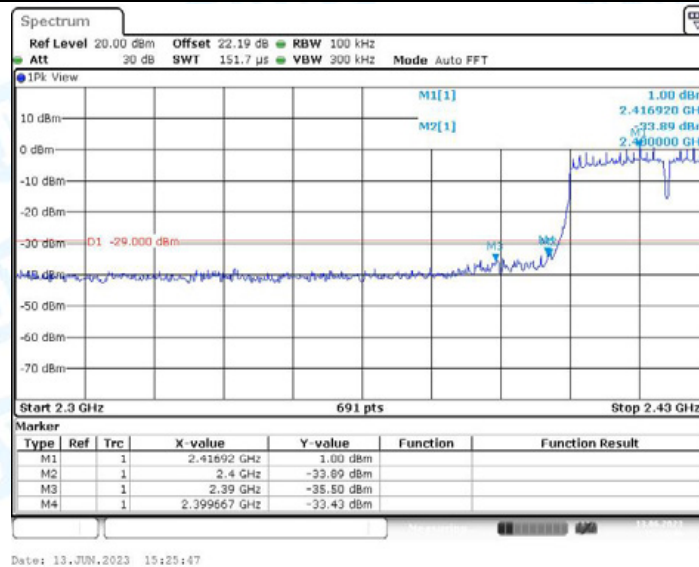
11N20MIMO\_Ant2\_High\_2462



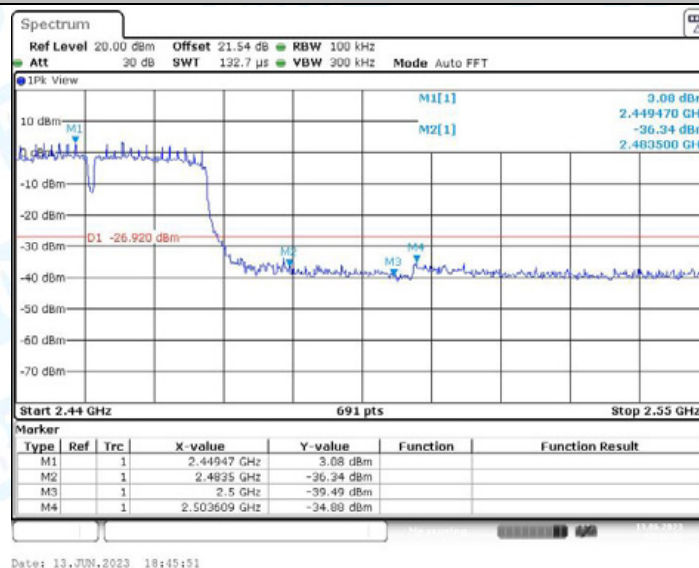
11N40MIMO\_Ant1\_Low\_2422



11N40MIMO\_Ant2\_Low\_2422

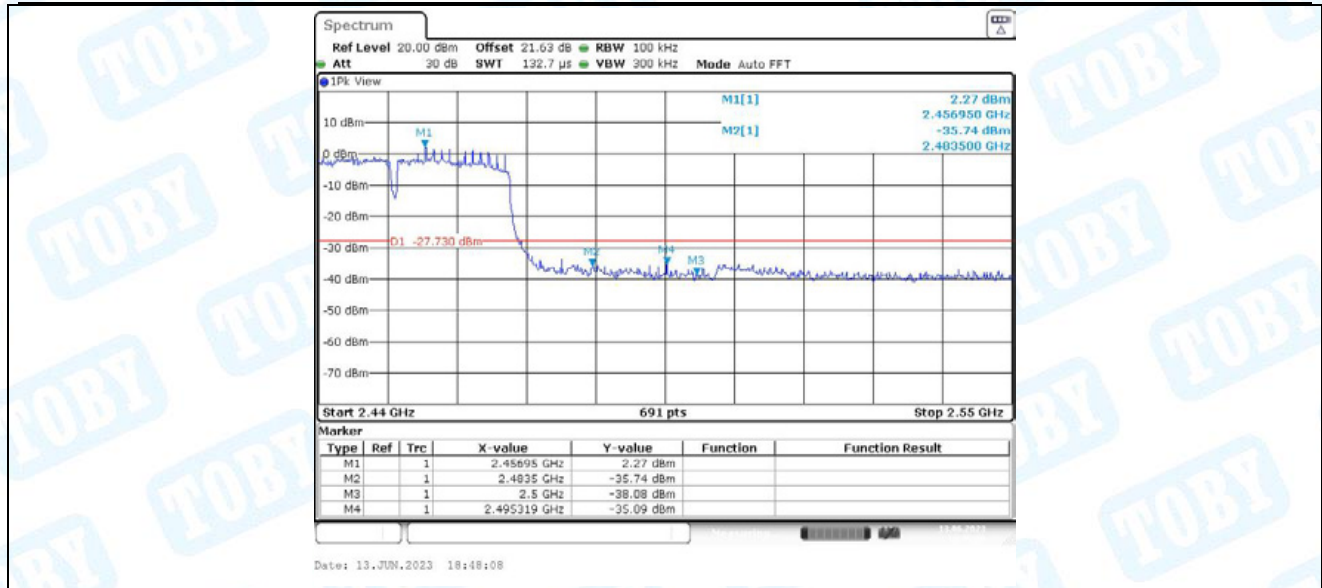


11N40MIMO\_Ant1\_High\_2452



11N40MIMO\_Ant2\_High\_2452





## 6. Conducted Spurious Emission

### 6.1. Test Result

| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B-CDD   | Ant1    | 2412    | Reference          | 6.21              | 6.21            | ---            | PASS    |
|           |         |         | 30~1000            | 6.21              | -48.46          | ≤-23.79        | PASS    |
|           |         |         | 1000~26500         | 6.21              | -38.35          | ≤-23.79        | PASS    |
|           | Ant2    | 2412    | Reference          | 5.80              | 5.80            | ---            | PASS    |
|           |         |         | 30~1000            | 5.80              | -47.01          | ≤-24.2         | PASS    |
|           |         |         | 1000~26500         | 5.80              | -39.12          | ≤-24.2         | PASS    |
|           | Ant1    | 2437    | Reference          | 5.46              | 5.46            | ---            | PASS    |
|           |         |         | 30~1000            | 5.46              | -48.17          | ≤-24.54        | PASS    |
|           |         |         | 1000~26500         | 5.46              | -38.67          | ≤-24.54        | PASS    |
|           | Ant2    | 2437    | Reference          | 5.27              | 5.27            | ---            | PASS    |
|           |         |         | 30~1000            | 5.27              | -48.52          | ≤-24.73        | PASS    |
|           |         |         | 1000~26500         | 5.27              | -39.12          | ≤-24.73        | PASS    |
|           | Ant1    | 2462    | Reference          | 5.52              | 5.52            | ---            | PASS    |
|           |         |         | 30~1000            | 5.52              | -48.08          | ≤-24.48        | PASS    |
|           |         |         | 1000~26500         | 5.52              | -38.99          | ≤-24.48        | PASS    |
|           | Ant2    | 2462    | Reference          | 4.20              | 4.20            | ---            | PASS    |
|           |         |         | 30~1000            | 4.20              | -47.77          | ≤-25.8         | PASS    |
|           |         |         | 1000~26500         | 4.20              | -38.88          | ≤-25.8         | PASS    |
| 11G-CDD   | Ant1    | 2412    | Reference          | 6.67              | 6.67            | ---            | PASS    |
|           |         |         | 30~1000            | 6.67              | -47.06          | ≤-23.33        | PASS    |
|           |         |         | 1000~26500         | 6.67              | -39.44          | ≤-23.33        | PASS    |
|           | Ant2    | 2412    | Reference          | 6.69              | 6.69            | ---            | PASS    |
|           |         |         | 30~1000            | 6.69              | -47.8           | ≤-23.31        | PASS    |
|           |         |         | 1000~26500         | 6.69              | -38.97          | ≤-23.31        | PASS    |
|           | Ant1    | 2437    | Reference          | 0.78              | 0.78            | ---            | PASS    |
|           |         |         | 30~1000            | 0.78              | -47.12          | ≤-29.22        | PASS    |
|           |         |         | 1000~26500         | 0.78              | -38.79          | ≤-29.22        | PASS    |
|           | Ant2    | 2437    | Reference          | 1.58              | 1.58            | ---            | PASS    |
|           |         |         | 30~1000            | 1.58              | -48.08          | ≤-28.42        | PASS    |
|           |         |         | 1000~26500         | 1.58              | -38.78          | ≤-28.42        | PASS    |
|           | Ant1    | 2462    | Reference          | 2.79              | 2.79            | ---            | PASS    |
|           |         |         | 30~1000            | 2.79              | -48.14          | ≤-27.21        | PASS    |
|           |         |         | 1000~26500         | 2.79              | -39.51          | ≤-27.21        | PASS    |
|           | Ant2    | 2462    | Reference          | 2.18              | 2.18            | ---            | PASS    |
|           |         |         | 30~1000            | 2.18              | -46.43          | ≤-27.82        | PASS    |
|           |         |         | 1000~26500         | 2.18              | -39.52          | ≤-27.82        | PASS    |
| 11N20MIMO | Ant1    | 2412    | Reference          | 4.59              | 4.59            | ---            | PASS    |
|           |         |         | 30~1000            | 4.59              | -48.59          | ≤-25.41        | PASS    |
|           |         |         | 1000~26500         | 4.59              | -39.28          | ≤-25.41        | PASS    |
|           | Ant2    | 2412    | Reference          | 3.40              | 3.40            | ---            | PASS    |



|           |      |      |            |       |        |               |      |
|-----------|------|------|------------|-------|--------|---------------|------|
|           |      |      | 30~1000    | 3.40  | -48.09 | $\leq -26.6$  | PASS |
|           |      |      | 1000~26500 | 3.40  | -37.51 | $\leq -26.6$  | PASS |
|           |      |      | Reference  | 4.02  | 4.02   | ---           | PASS |
|           | Ant1 | 2437 | 30~1000    | 4.02  | -48.35 | $\leq -25.98$ | PASS |
|           |      |      | 1000~26500 | 4.02  | -38.16 | $\leq -25.98$ | PASS |
|           |      |      | Reference  | 2.85  | 2.85   | ---           | PASS |
|           | Ant2 | 2437 | 30~1000    | 2.85  | -48.45 | $\leq -27.15$ | PASS |
|           |      |      | 1000~26500 | 2.85  | -39.18 | $\leq -27.15$ | PASS |
|           |      |      | Reference  | 3.64  | 3.64   | ---           | PASS |
|           | Ant1 | 2462 | 30~1000    | 3.64  | -48.22 | $\leq -26.36$ | PASS |
|           |      |      | 1000~26500 | 3.64  | -39.23 | $\leq -26.36$ | PASS |
|           |      |      | Reference  | 2.42  | 2.42   | ---           | PASS |
|           | Ant2 | 2462 | 30~1000    | 2.42  | -48.75 | $\leq -27.58$ | PASS |
|           |      |      | 1000~26500 | 2.42  | -39.15 | $\leq -27.58$ | PASS |
|           |      |      | Reference  | 1.77  | 1.77   | ---           | PASS |
| 11N40MIMO | Ant1 | 2422 | 30~1000    | 1.77  | -47.41 | $\leq -28.23$ | PASS |
|           |      |      | 1000~26500 | 1.77  | -38.74 | $\leq -28.23$ | PASS |
|           |      |      | Reference  | 0.78  | 0.78   | ---           | PASS |
|           | Ant2 | 2422 | 30~1000    | 1.34  | -48.48 | $\leq -28.66$ | PASS |
|           |      |      | 1000~26500 | 1.34  | -38.66 | $\leq -28.66$ | PASS |
|           |      |      | Reference  | -0.06 | -0.06  | ---           | PASS |
|           | Ant1 | 2437 | 30~1000    | -0.06 | -48.28 | $\leq -30.06$ | PASS |
|           |      |      | 1000~26500 | -0.06 | -38.7  | $\leq -30.06$ | PASS |
|           |      |      | Reference  | -0.57 | -0.57  | ---           | PASS |
|           | Ant2 | 2437 | 30~1000    | -0.57 | -48.5  | $\leq -30.57$ | PASS |
|           |      |      | 1000~26500 | -0.57 | -38.82 | $\leq -30.57$ | PASS |
|           |      |      | Reference  | 2.20  | 2.20   | ---           | PASS |
|           | Ant1 | 2452 | 30~1000    | 2.20  | -46.93 | $\leq -27.8$  | PASS |
|           |      |      | 1000~26500 | 2.20  | -37.98 | $\leq -27.8$  | PASS |
|           |      |      | Reference  | 2.55  | 2.55   | ---           | PASS |
|           | Ant2 | 2452 | 30~1000    | 2.55  | -47.51 | $\leq -27.45$ | PASS |
|           |      |      | 1000~26500 | 2.55  | -37.96 | $\leq -27.45$ | PASS |
|           |      |      | Reference  |       |        |               |      |