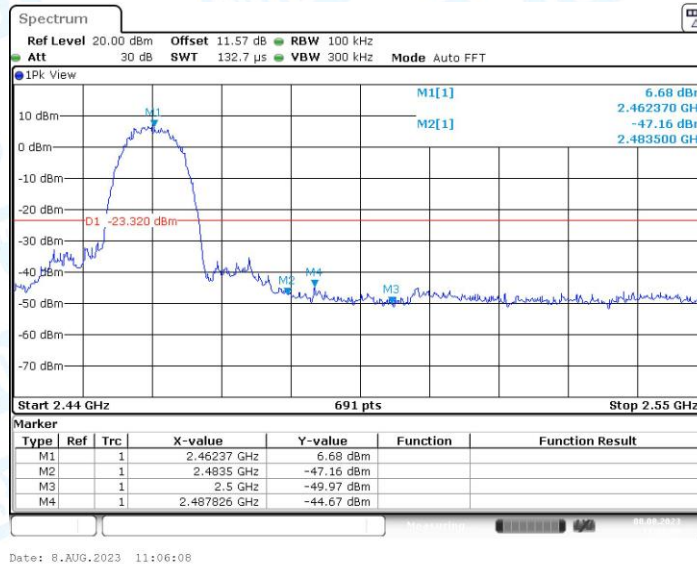
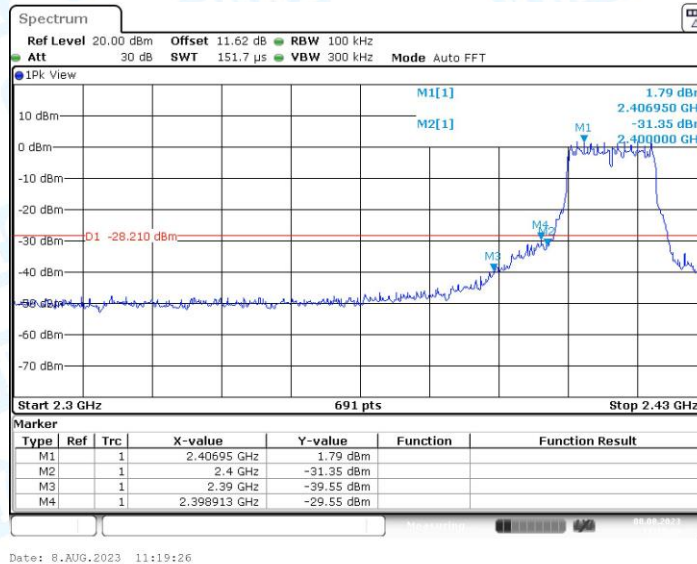


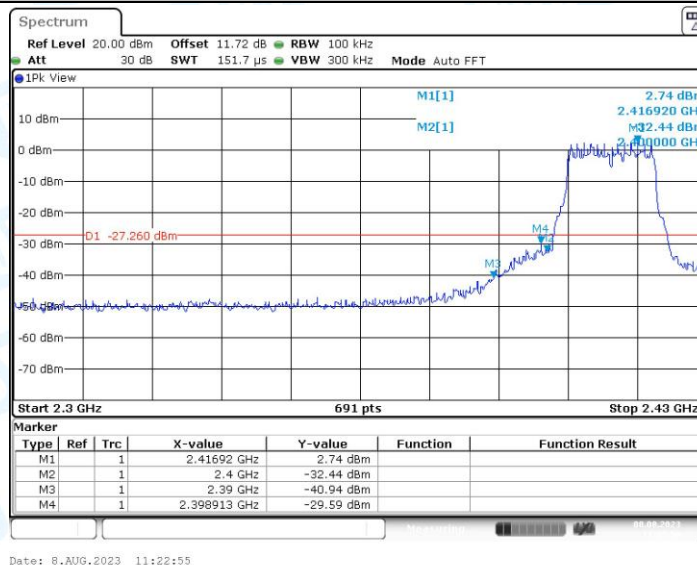
### 11B\_Ant2\_High\_2462



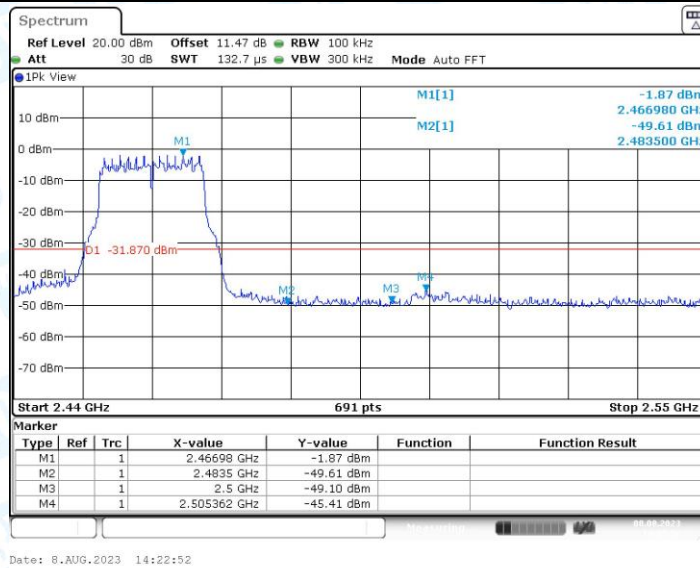
### 11G-CDD\_Ant1\_Low\_2412



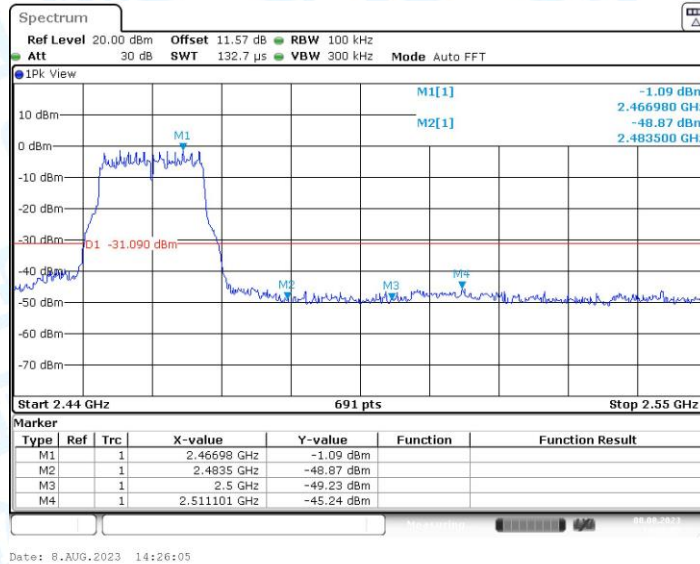
### 11G-CDD\_Ant2\_Low\_2412



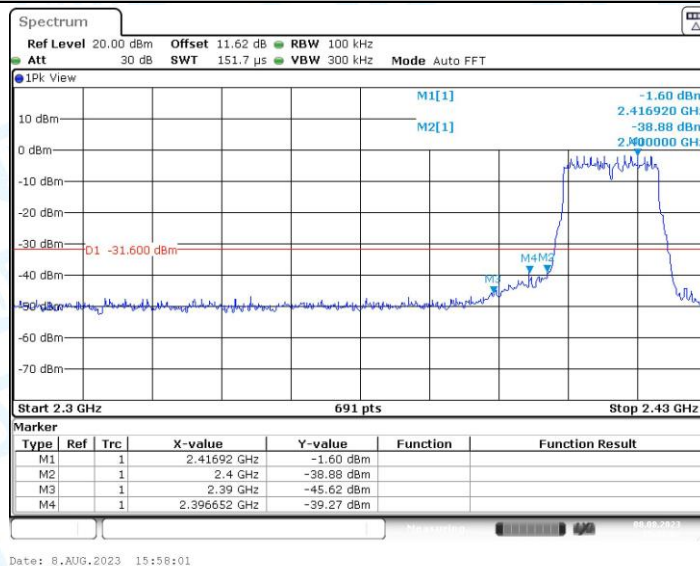
### 11G-CDD\_Ant1\_High\_2462



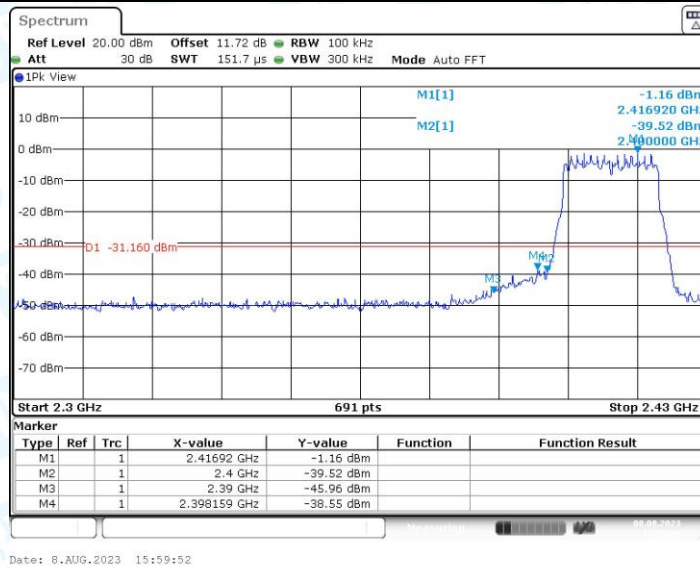
11G-CDD\_Ant2\_High\_2462



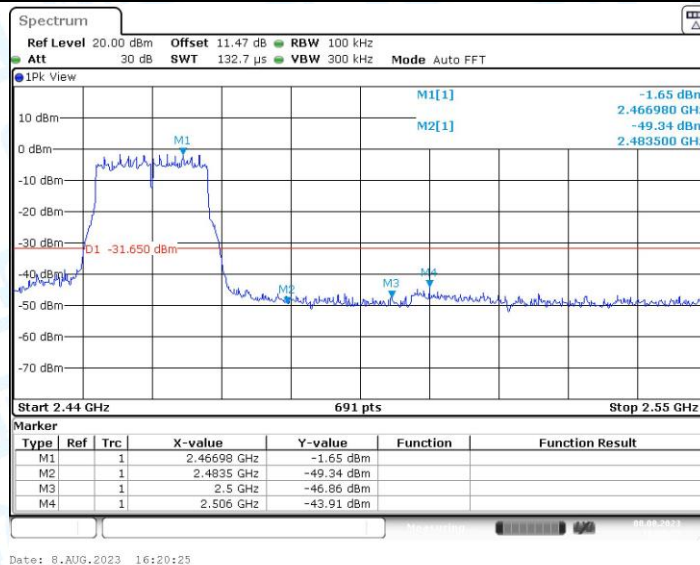
11N20MIMO\_Ant1\_Low\_2412



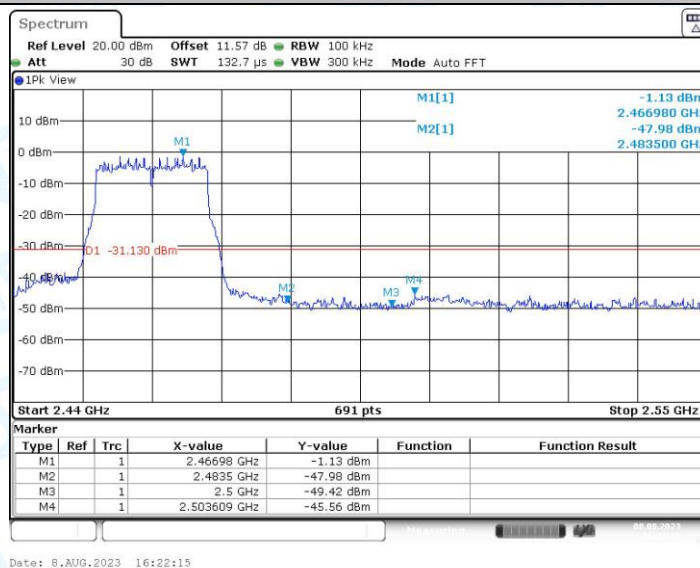
11N20MIMO\_Ant2\_Low\_2412



11N20MIMO\_Ant1\_High\_2462



11N20MIMO\_Ant2\_High\_2462



## 6. Conducted Spurious Emission

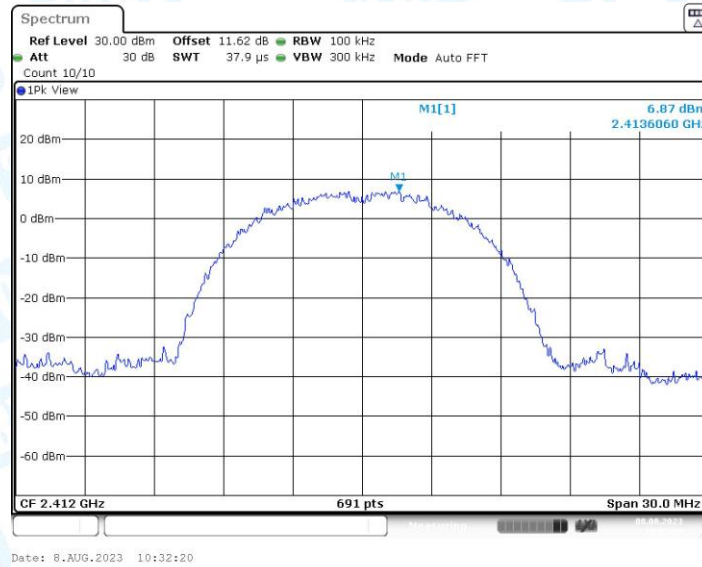
### 6.1. Test Result

| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant1    | 2412    | Reference          | 6.87              | 6.87            | ---            | PASS    |
|           |         |         | 30~1000            | 6.87              | -57.58          | ≤-23.13        | PASS    |
|           |         |         | 1000~26500         | 6.87              | -47.72          | ≤-23.13        | PASS    |
|           | Ant2    | 2412    | Reference          | 7.85              | 7.85            | ---            | PASS    |
|           |         |         | 30~1000            | 7.85              | -56.96          | ≤-22.15        | PASS    |
|           |         |         | 1000~26500         | 7.85              | -48.05          | ≤-22.15        | PASS    |
|           | Ant1    | 2437    | Reference          | 7.36              | 7.36            | ---            | PASS    |
|           |         |         | 30~1000            | 7.36              | -57.8           | ≤-22.64        | PASS    |
|           |         |         | 1000~26500         | 7.36              | -47.78          | ≤-22.64        | PASS    |
|           | Ant2    | 2437    | Reference          | 7.51              | 7.51            | ---            | PASS    |
|           |         |         | 30~1000            | 7.51              | -56.63          | ≤-22.49        | PASS    |
|           |         |         | 1000~26500         | 7.51              | -44.22          | ≤-22.49        | PASS    |
|           | Ant1    | 2462    | Reference          | 6.77              | 6.77            | ---            | PASS    |
|           |         |         | 30~1000            | 6.77              | -57.07          | ≤-23.23        | PASS    |
|           |         |         | 1000~26500         | 6.77              | -48.22          | ≤-23.23        | PASS    |
|           | Ant2    | 2462    | Reference          | 7.66              | 7.66            | ---            | PASS    |
|           |         |         | 30~1000            | 7.66              | -57.19          | ≤-22.34        | PASS    |
|           |         |         | 1000~26500         | 7.66              | -48.14          | ≤-22.34        | PASS    |
| 11G-CDD   | Ant1    | 2412    | Reference          | -0.50             | -0.50           | ---            | PASS    |
|           |         |         | 30~1000            | -0.50             | -57.01          | ≤-30.5         | PASS    |
|           |         |         | 1000~26500         | -0.50             | -47.95          | ≤-30.5         | PASS    |
|           | Ant2    | 2412    | Reference          | -0.46             | -0.46           | ---            | PASS    |
|           |         |         | 30~1000            | -0.46             | -57.55          | ≤-30.46        | PASS    |
|           |         |         | 1000~26500         | -0.46             | -48.23          | ≤-30.46        | PASS    |
|           | Ant1    | 2437    | Reference          | -1.18             | -1.18           | ---            | PASS    |
|           |         |         | 30~1000            | -1.18             | -56.62          | ≤-31.18        | PASS    |
|           |         |         | 1000~26500         | -1.18             | -48.48          | ≤-31.18        | PASS    |
|           | Ant2    | 2437    | Reference          | -0.42             | -0.42           | ---            | PASS    |
|           |         |         | 30~1000            | -0.42             | -57.63          | ≤-30.42        | PASS    |
|           |         |         | 1000~26500         | -0.42             | -48.11          | ≤-30.42        | PASS    |
|           | Ant1    | 2462    | Reference          | -1.74             | -1.74           | ---            | PASS    |
|           |         |         | 30~1000            | -1.74             | -56.35          | ≤-31.74        | PASS    |
|           |         |         | 1000~26500         | -1.74             | -48.69          | ≤-31.74        | PASS    |
|           | Ant2    | 2462    | Reference          | -1.00             | -1.00           | ---            | PASS    |
|           |         |         | 30~1000            | -1.00             | -57.52          | ≤-31           | PASS    |
|           |         |         | 1000~26500         | -1.00             | -47.14          | ≤-31           | PASS    |
| 11N20MIMO | Ant1    | 2412    | Reference          | -2.64             | -2.64           | ---            | PASS    |
|           |         |         | 30~1000            | -2.64             | -56.71          | ≤-32.64        | PASS    |
|           |         |         | 1000~26500         | -2.64             | -48.88          | ≤-32.64        | PASS    |
|           | Ant2    | 2412    | Reference          | -2.40             | -2.40           | ---            | PASS    |

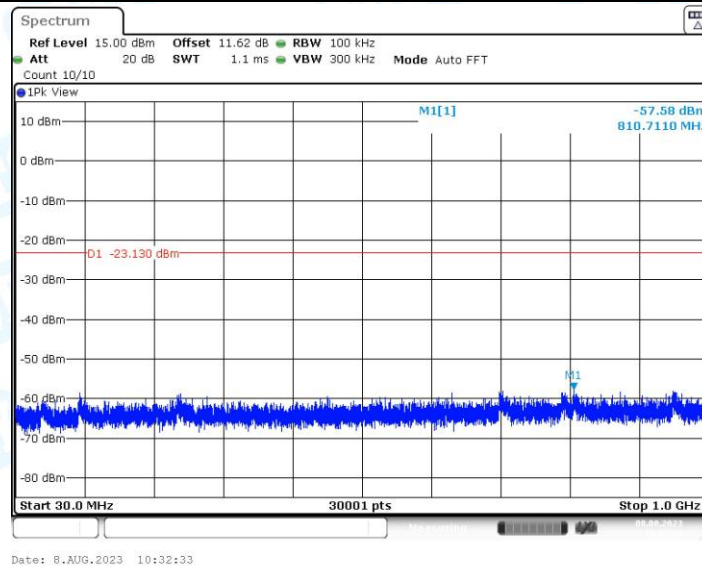
|  |      |      |            |       |        |               |      |
|--|------|------|------------|-------|--------|---------------|------|
|  |      |      | 30~1000    | -2.40 | -57.86 | $\leq -32.4$  | PASS |
|  |      |      | 1000~26500 | -2.40 | -47.35 | $\leq -32.4$  | PASS |
|  |      |      | Reference  | -0.89 | -0.89  | ---           | PASS |
|  | Ant1 | 2437 | 30~1000    | -0.89 | -57.45 | $\leq -30.89$ | PASS |
|  |      |      | 1000~26500 | -0.89 | -48.18 | $\leq -30.89$ | PASS |
|  |      |      | Reference  | -0.29 | -0.29  | ---           | PASS |
|  | Ant2 | 2437 | 30~1000    | -0.29 | -57.63 | $\leq -30.29$ | PASS |
|  |      |      | 1000~26500 | -0.29 | -48.08 | $\leq -30.29$ | PASS |
|  |      |      | Reference  | -2.51 | -2.51  | ---           | PASS |
|  | Ant1 | 2462 | 30~1000    | -2.51 | -57.72 | $\leq -32.51$ | PASS |
|  |      |      | 1000~26500 | -2.51 | -47.17 | $\leq -32.51$ | PASS |
|  |      |      | Reference  | -1.59 | -1.59  | ---           | PASS |
|  | Ant2 | 2462 | 30~1000    | -1.59 | -56.72 | $\leq -31.59$ | PASS |
|  |      |      | 1000~26500 | -1.59 | -47.17 | $\leq -31.59$ | PASS |
|  |      |      | Reference  | -1.59 | -47.17 | $\leq -31.59$ | PASS |

## 6.2. Test Graphs

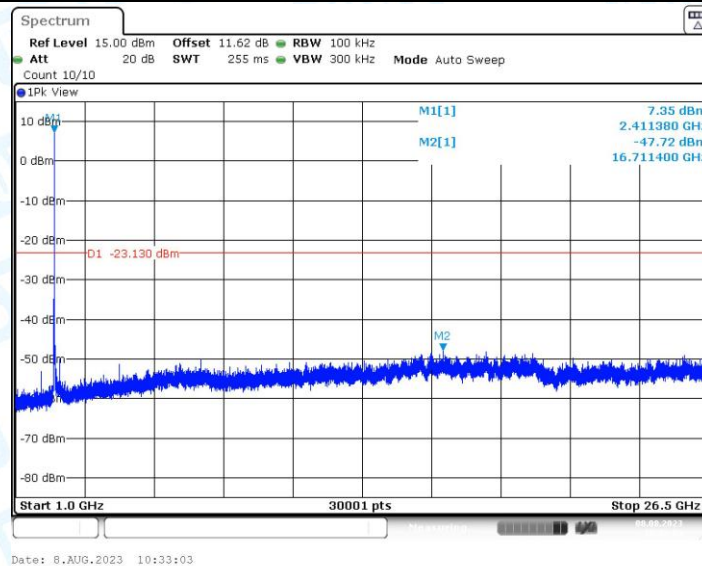
11B\_Ant1\_2412\_0~Reference



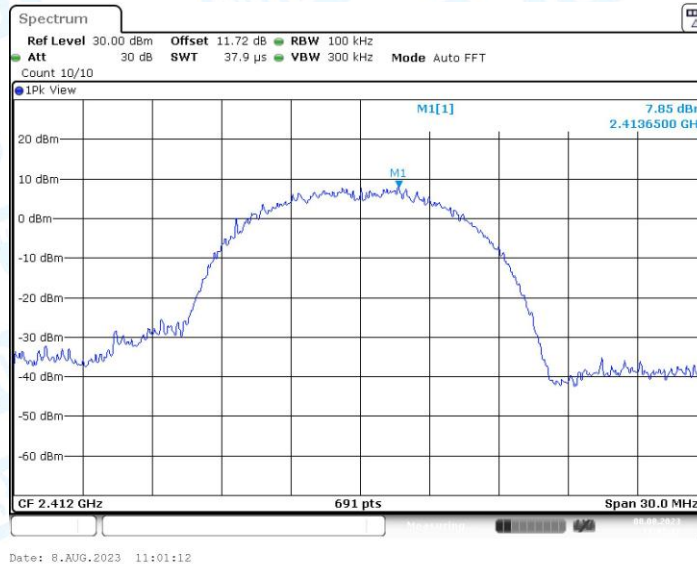
11B\_Ant1\_2412\_30~1000



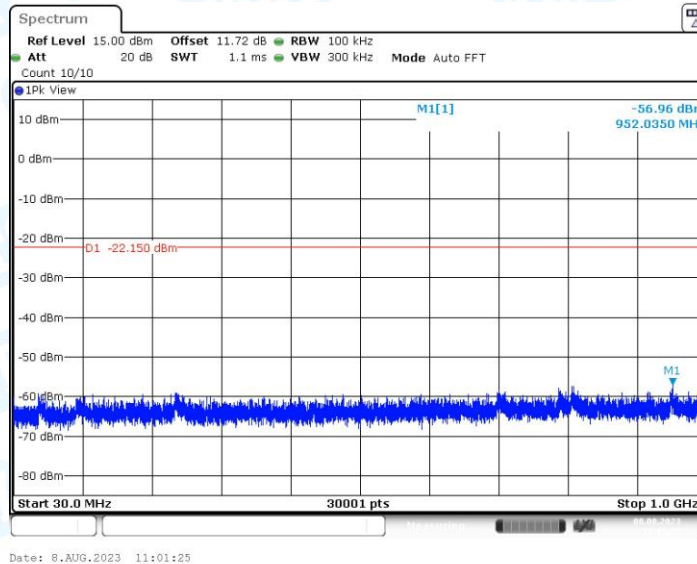
11B\_Ant1\_2412\_1000~26500



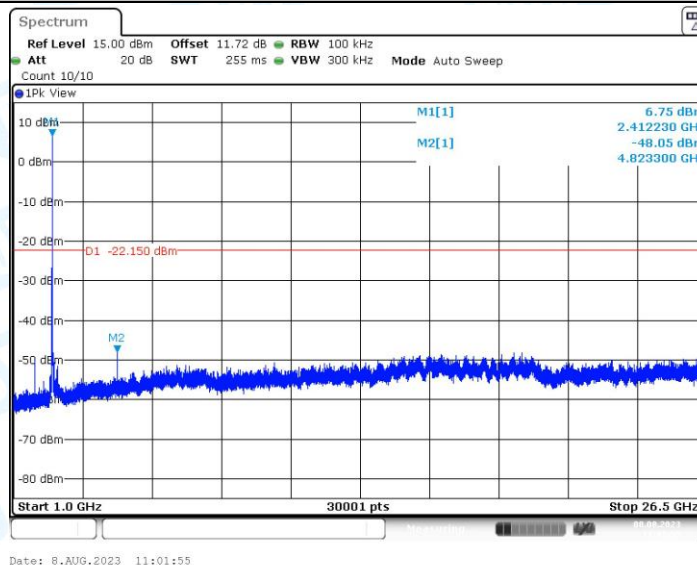
### 11B\_Ant2\_2412\_0~Reference



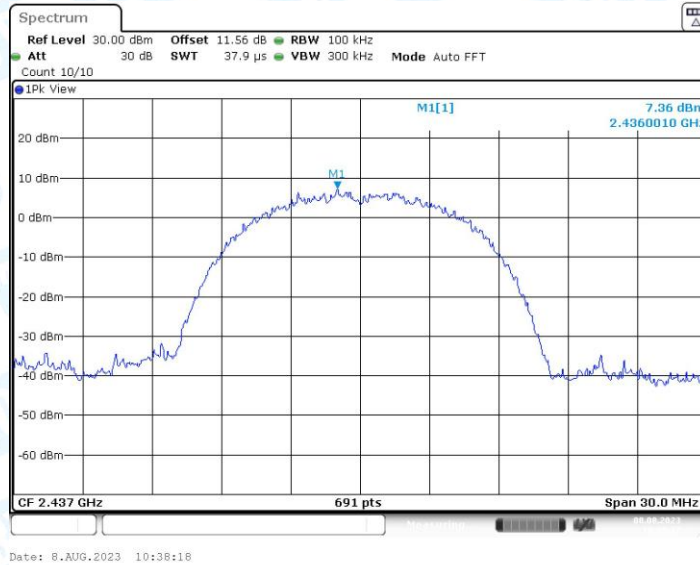
### 11B\_Ant2\_2412\_30~1000



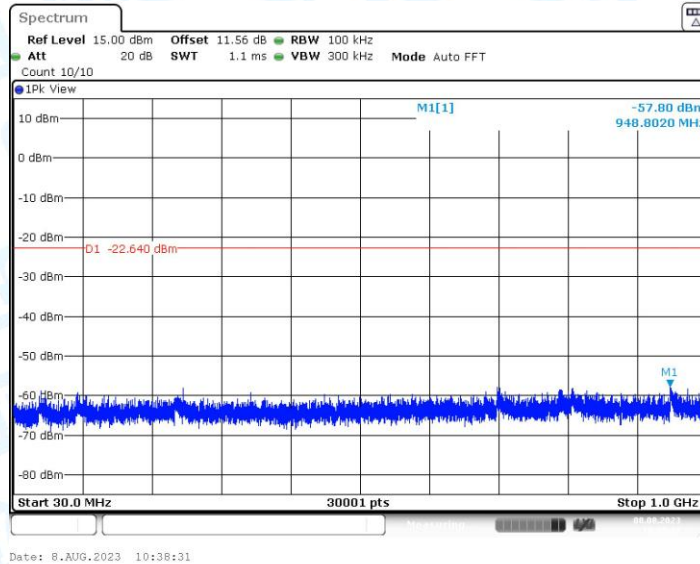
### 11B\_Ant2\_2412\_1000~26500



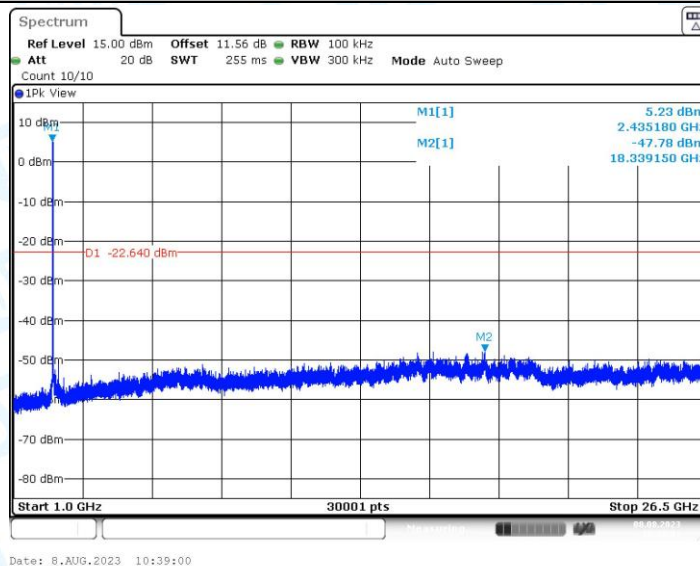
### 11B\_Ant1\_2437\_0~Reference



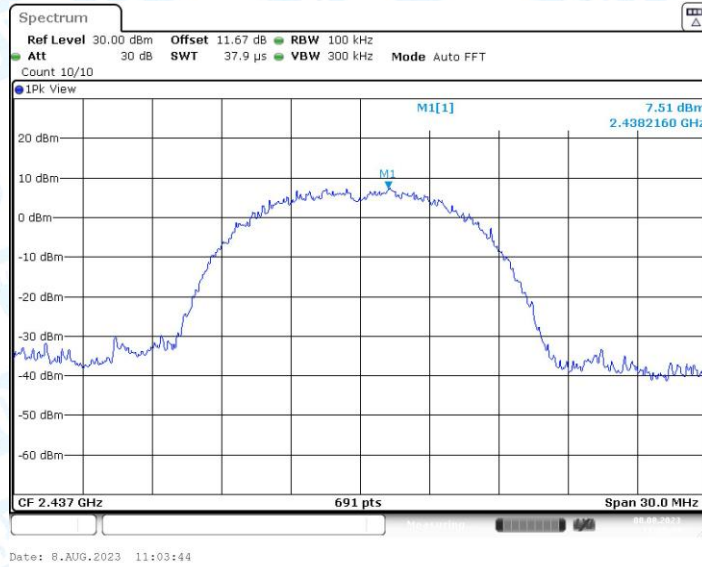
11B\_Ant1\_2437\_30~1000



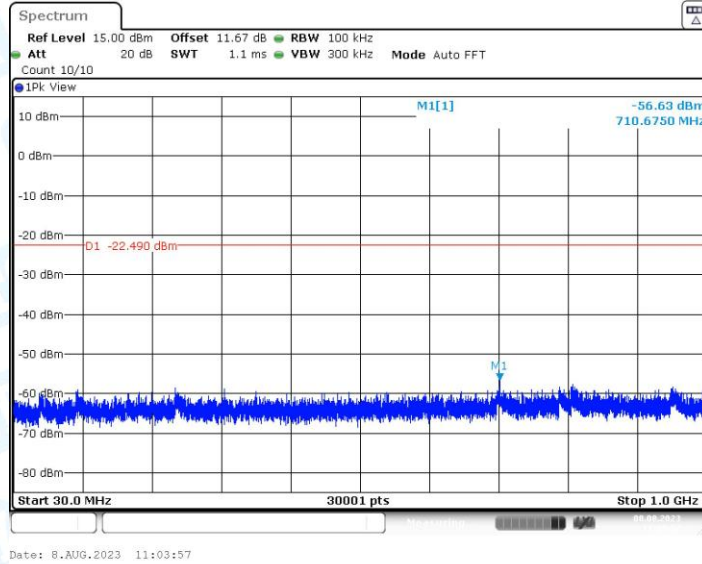
11B\_Ant1\_2437\_1000~26500



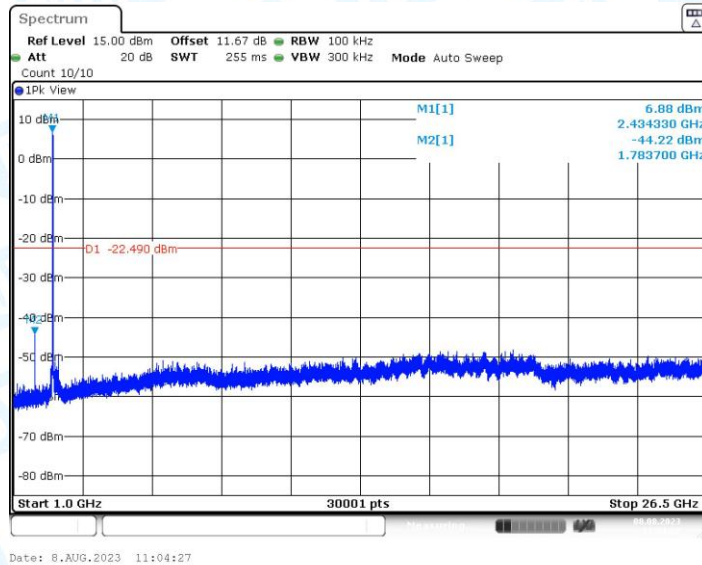
11B\_Ant2\_2437\_0~Reference



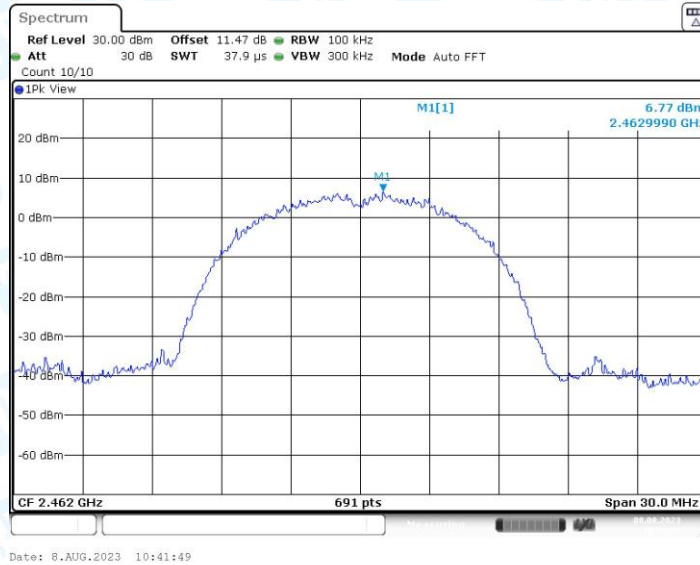
11B\_Ant2\_2437\_30~1000



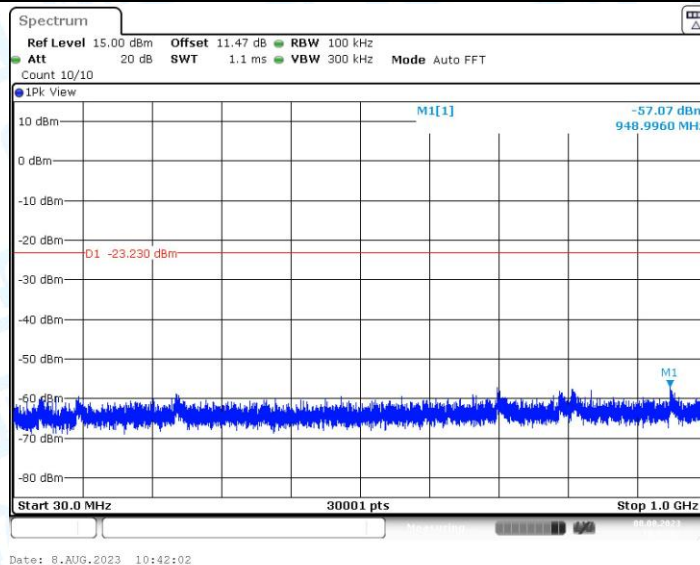
11B\_Ant2\_2437\_1000~26500



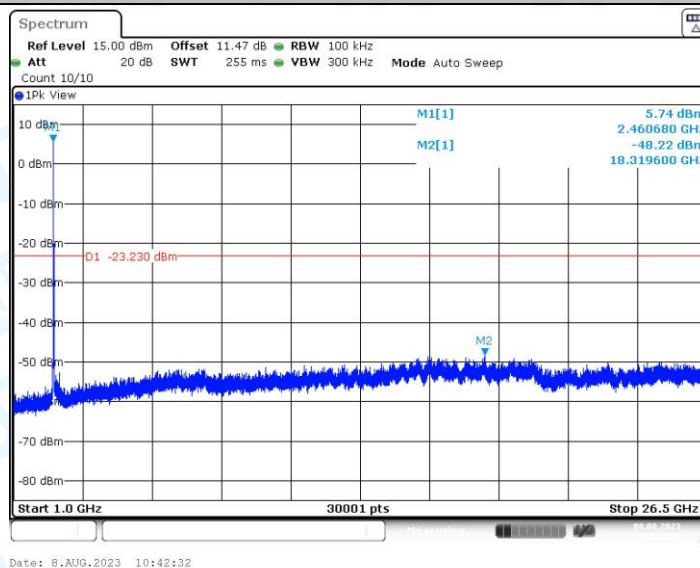
11B\_Ant1\_2462\_0~Reference



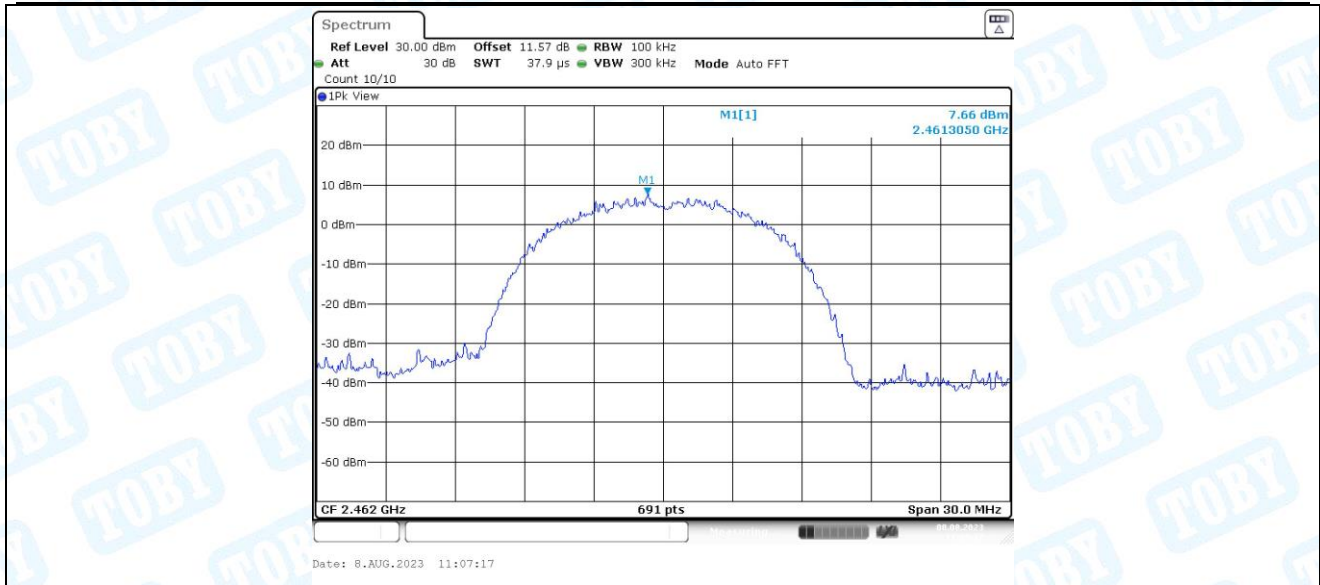
11B\_Ant1\_2462\_30~1000



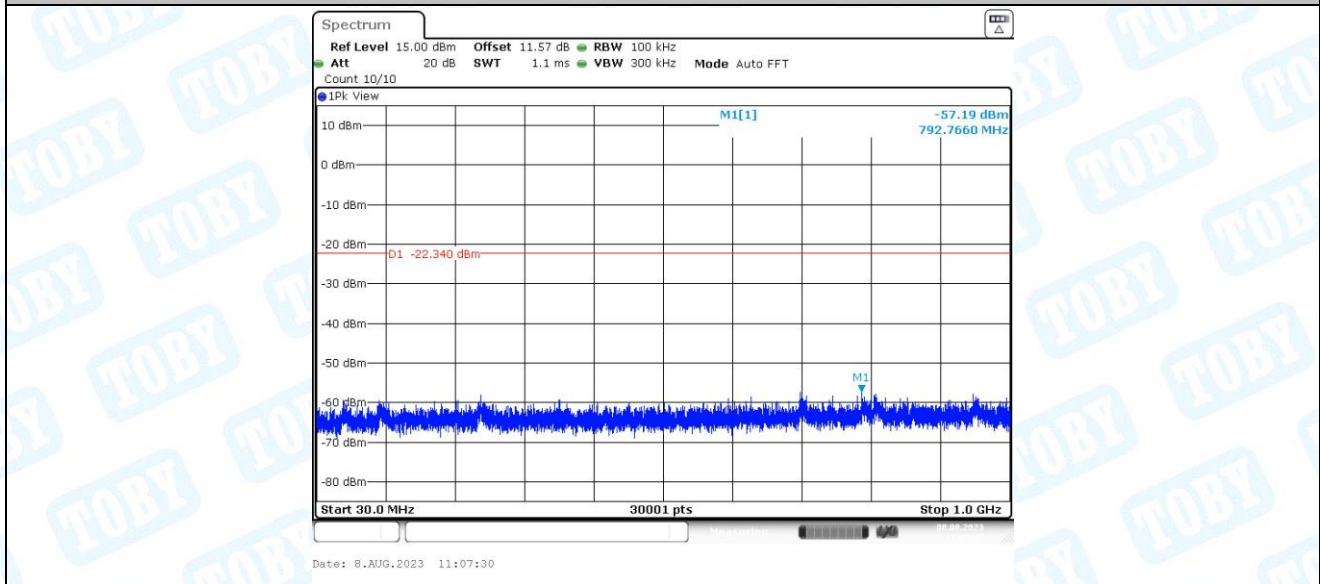
11B\_Ant1\_2462\_1000~26500



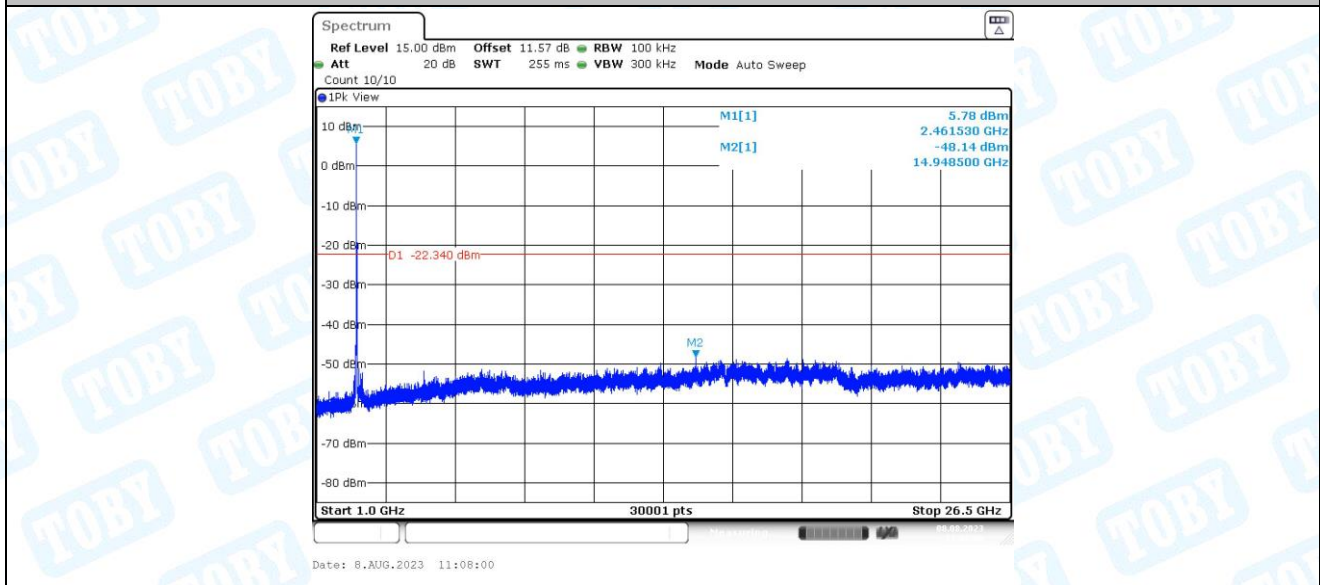
11B\_Ant2\_2462\_0~Reference



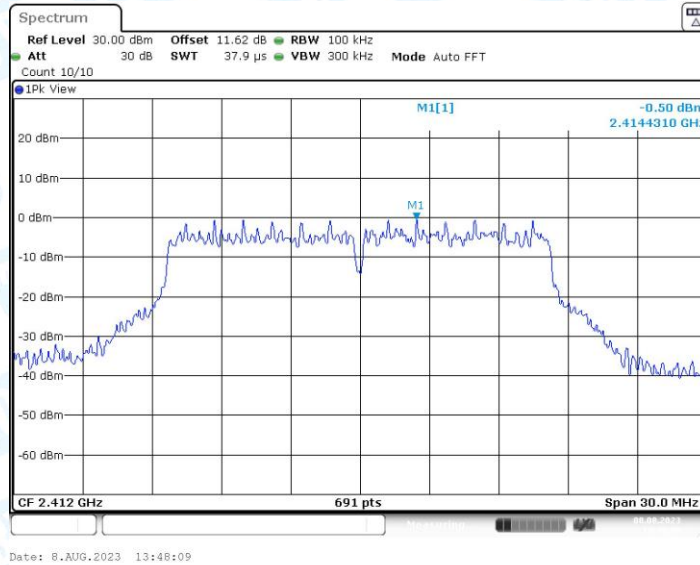
11B\_Ant2\_2462\_30~1000



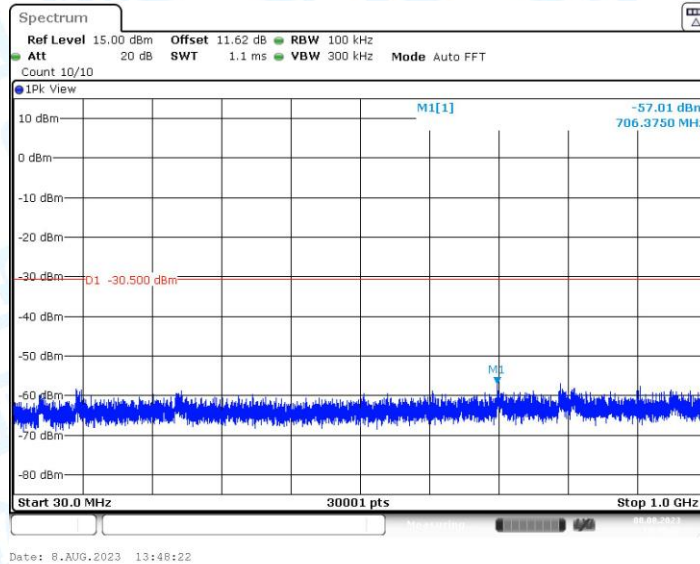
11B\_Ant2\_2462\_1000~26500



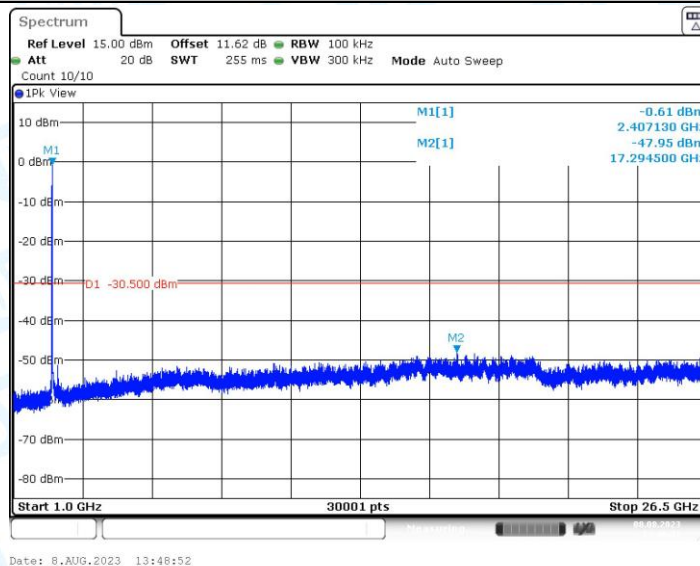
11G-CDD\_Ant1\_2412\_0~Reference



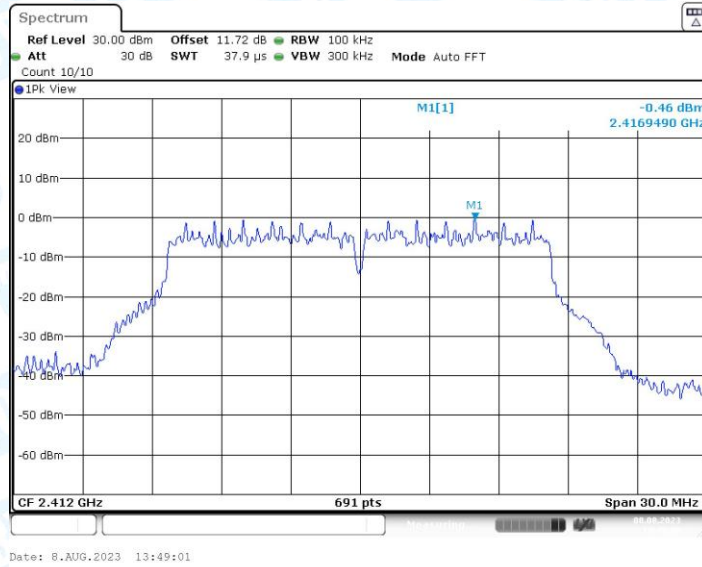
11G-CDD\_Ant1\_2412\_30~1000



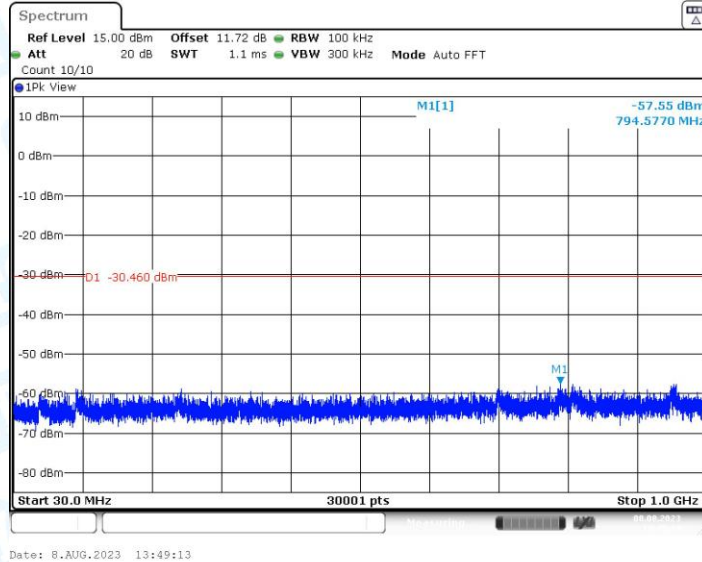
11G-CDD\_Ant1\_2412\_1000~26500



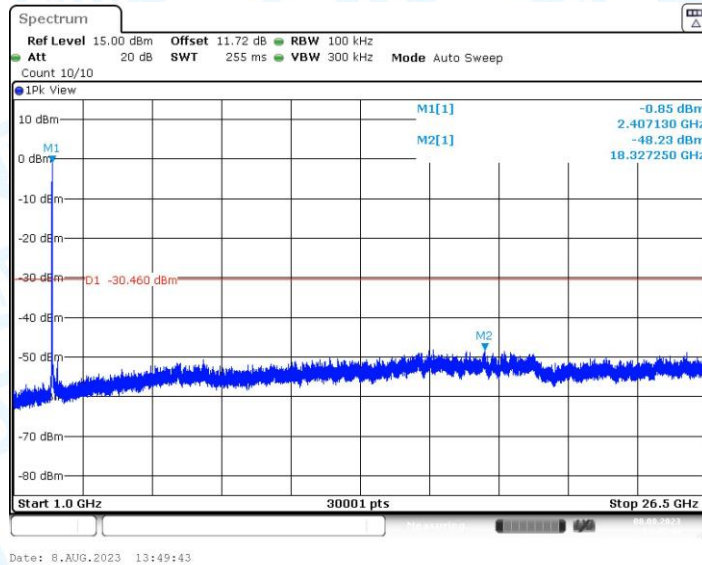
11G-CDD\_Ant2\_2412\_0~Reference



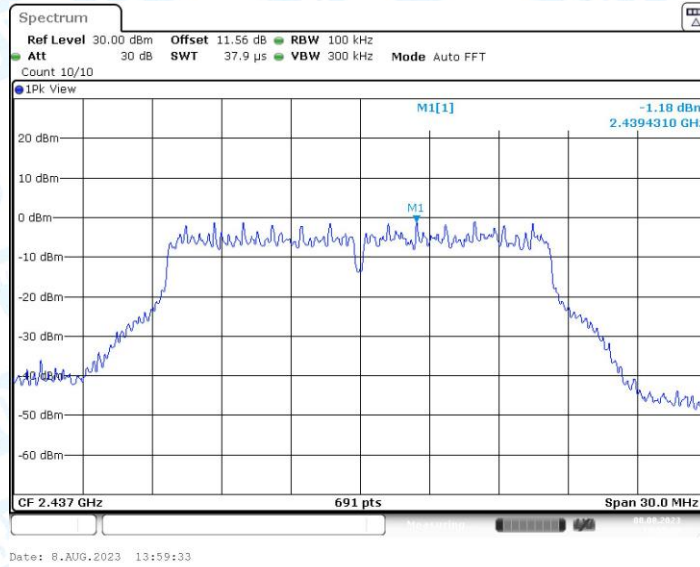
11G-CDD\_Ant2\_2412\_30~1000



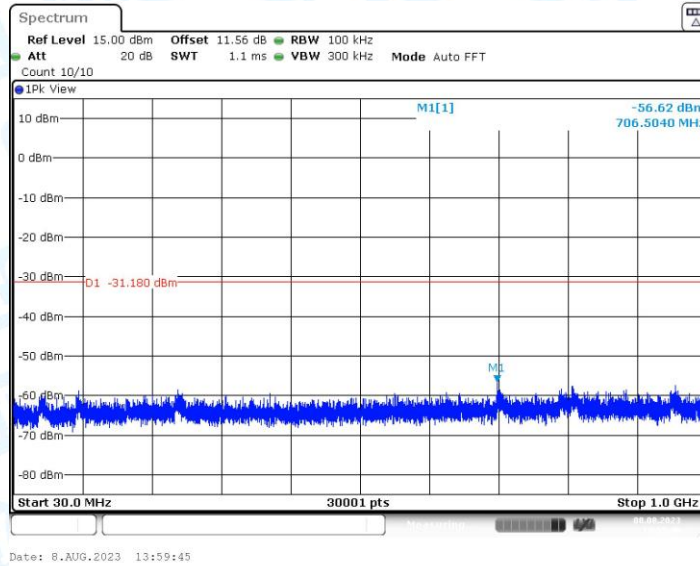
11G-CDD\_Ant2\_2412\_1000~26500



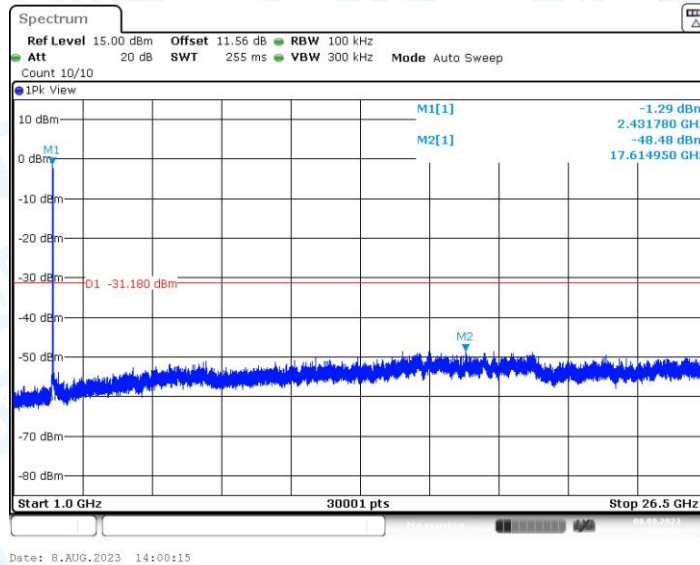
11G-CDD\_Ant1\_2437\_0~Reference



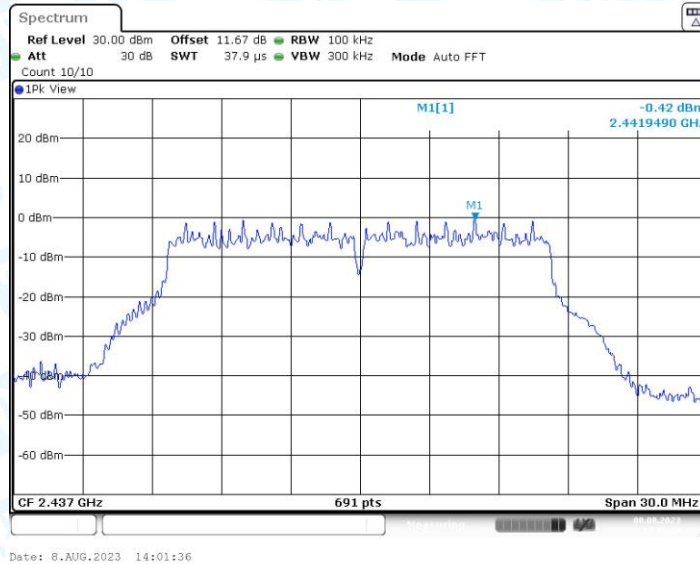
11G-CDD\_Ant1\_2437\_30~1000



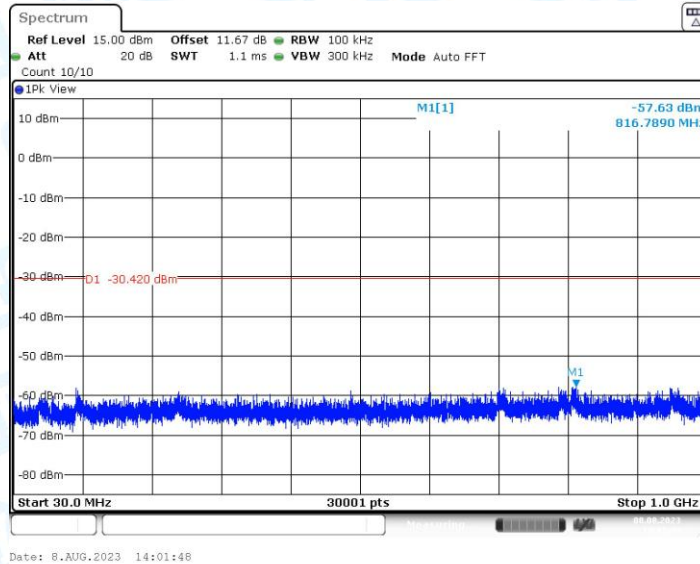
11G-CDD\_Ant1\_2437\_1000~26500



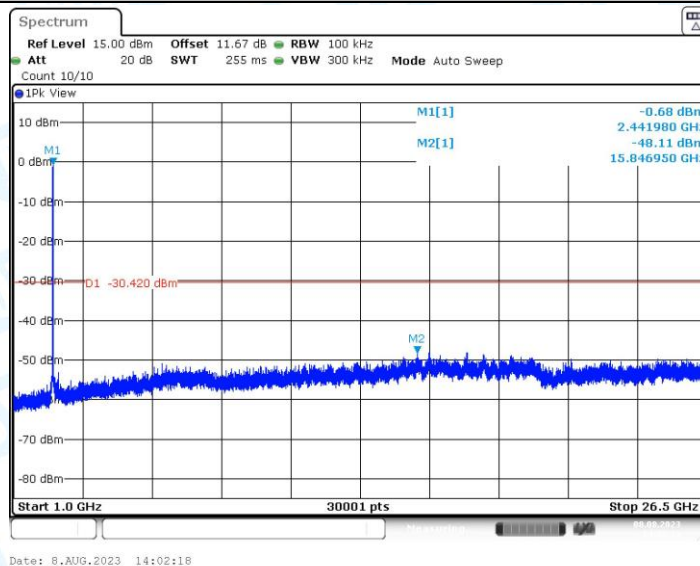
11G-CDD\_Ant2\_2437\_0~Reference



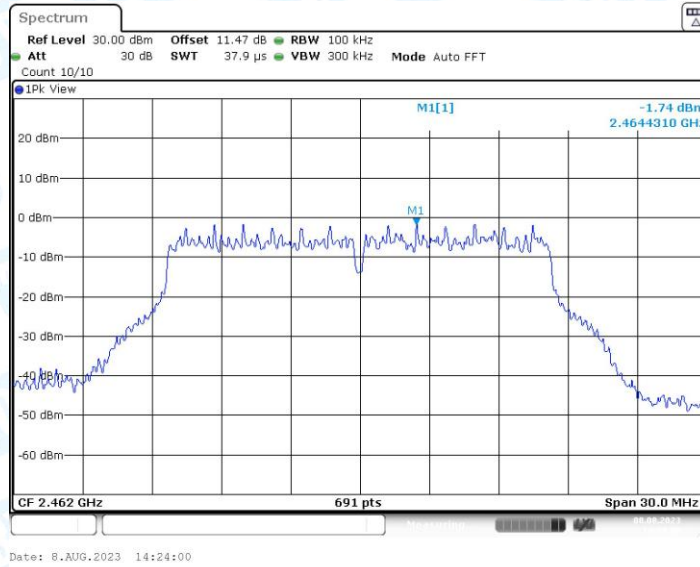
11G-CDD\_Ant2\_2437\_30~1000



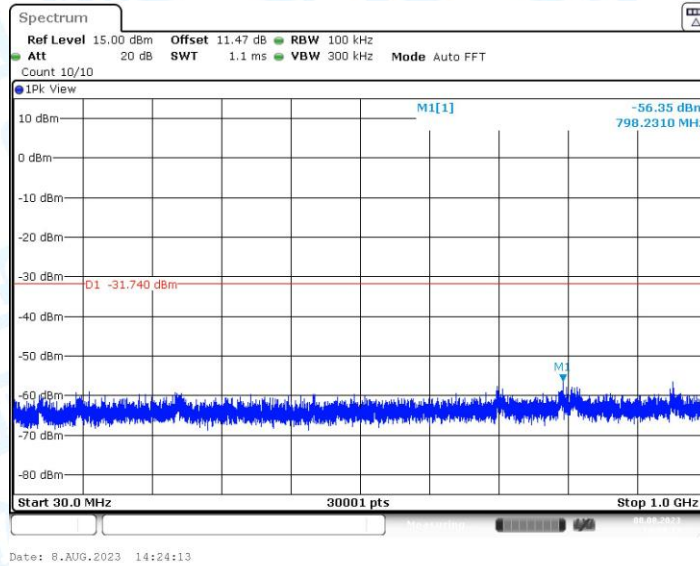
11G-CDD\_Ant2\_2437\_1000~26500



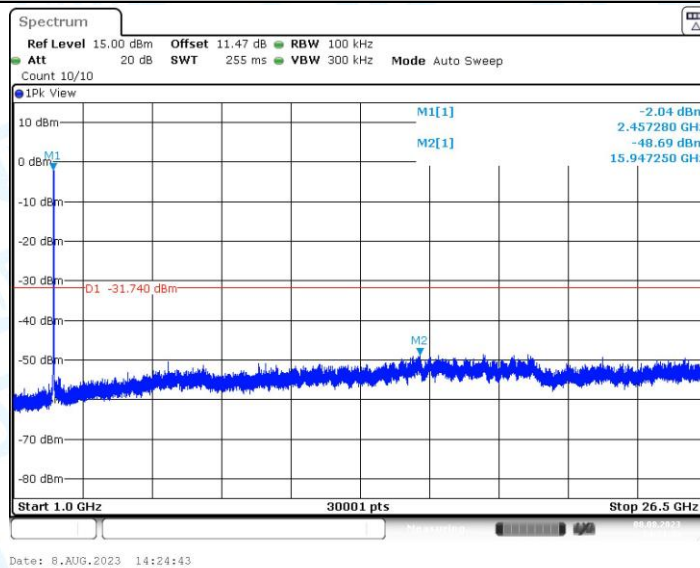
11G-CDD\_Ant1\_2462\_0~Reference



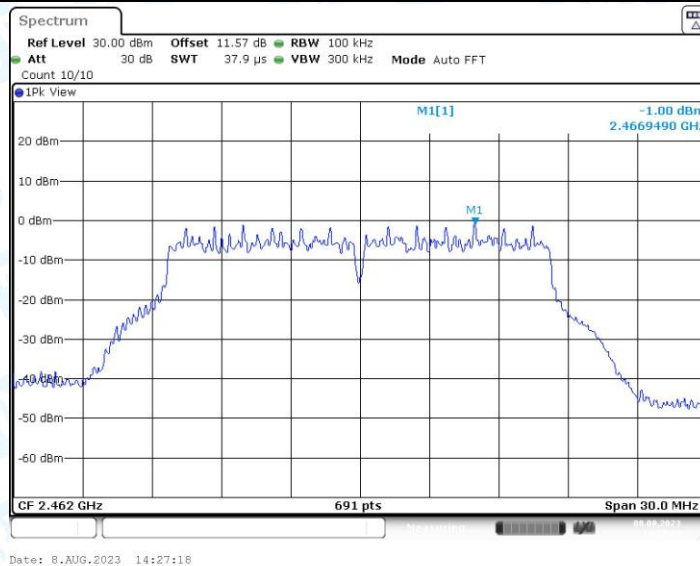
11G-CDD\_Ant1\_2462\_30~1000



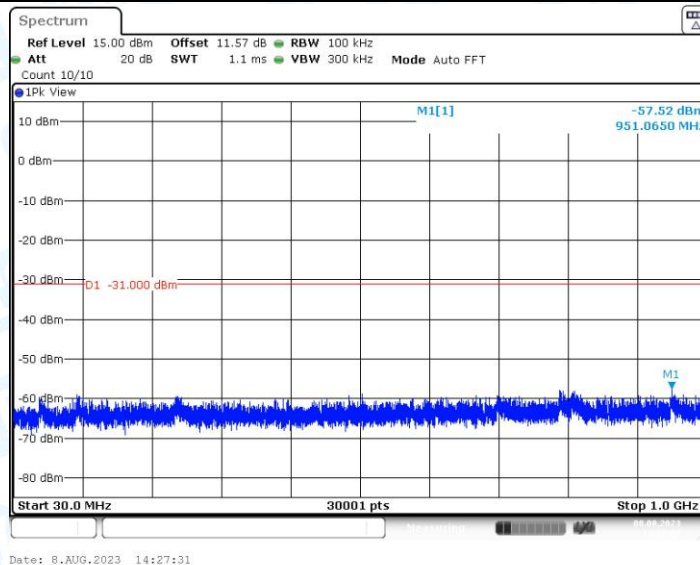
11G-CDD\_Ant1\_2462\_1000~26500



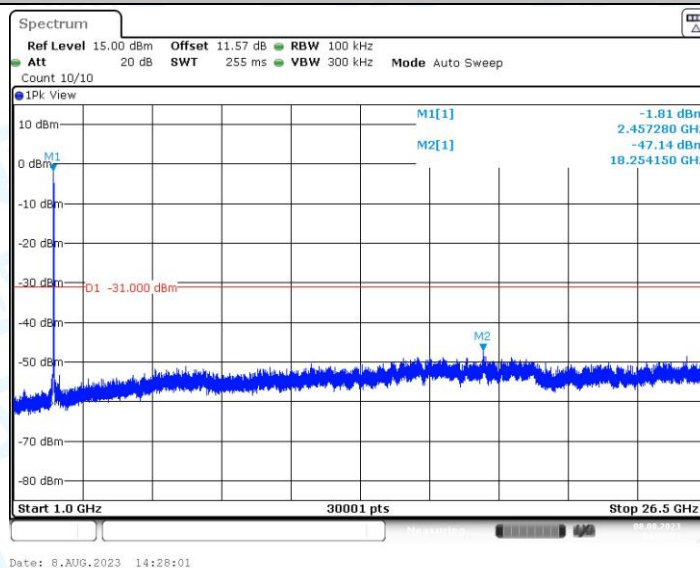
11G-CDD\_Ant2\_2462\_0~Reference



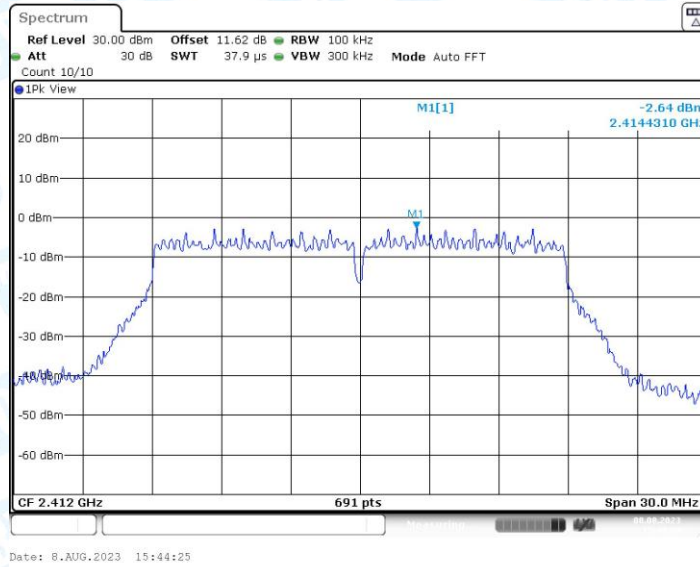
11G-CDD\_Ant2\_2462\_30~1000



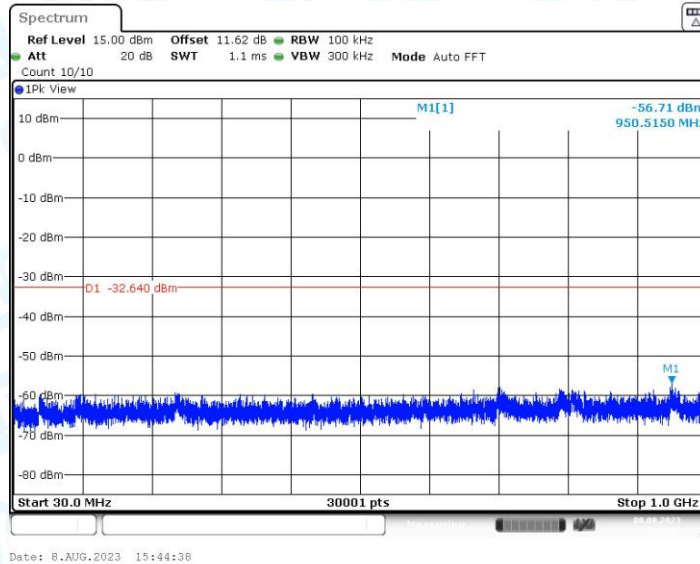
11G-CDD\_Ant2\_2462\_1000~26500



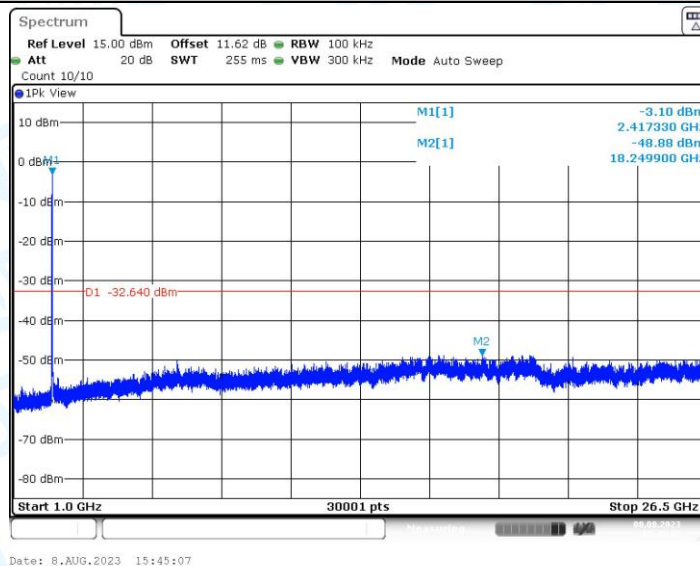
11N20MIMO\_Ant1\_2412\_0~Reference



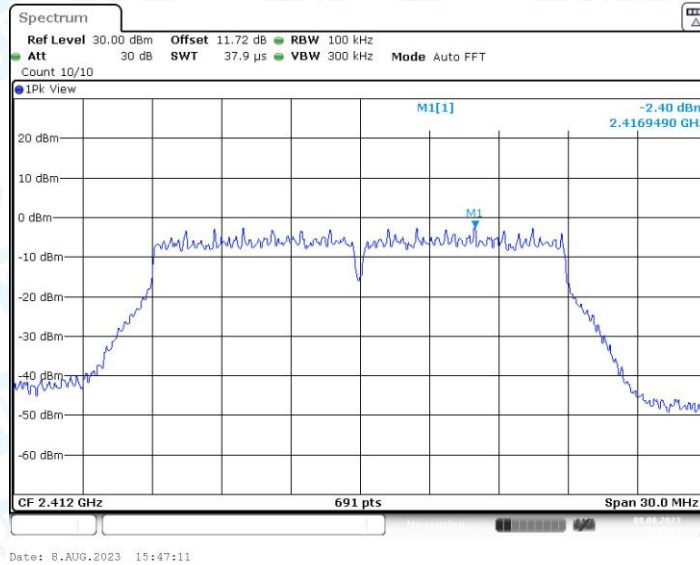
11N20MIMO\_Ant1\_2412\_30~1000



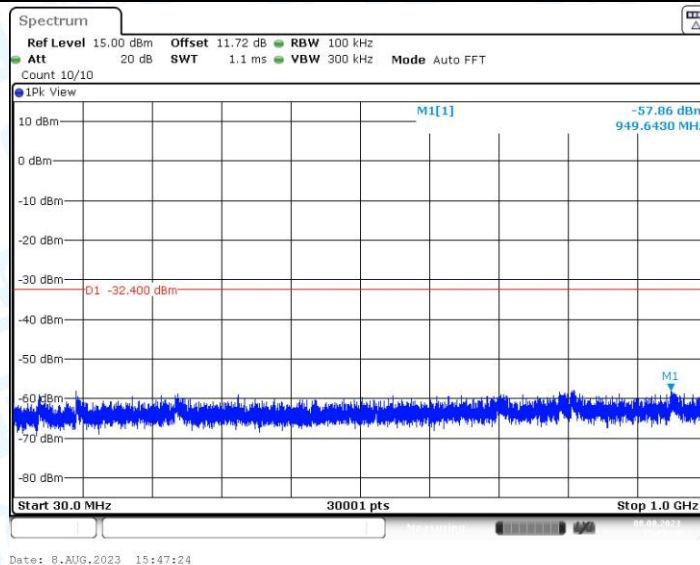
11N20MIMO\_Ant1\_2412\_1000~26500



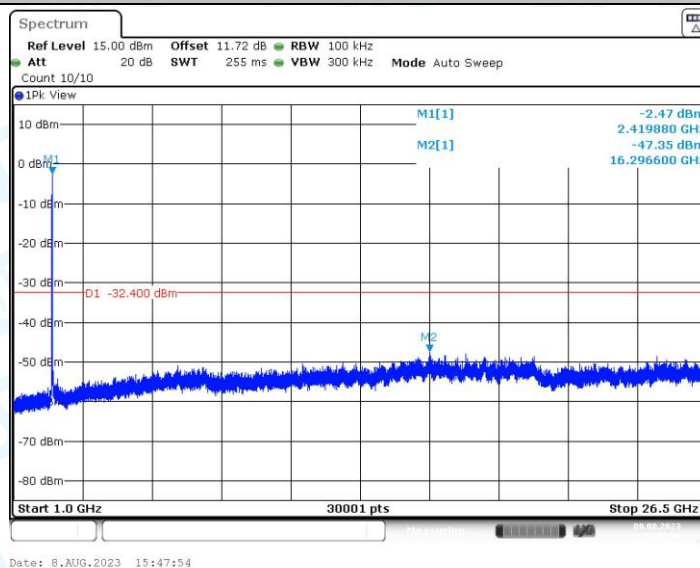
11N20MIMO\_Ant2\_2412\_0~Reference



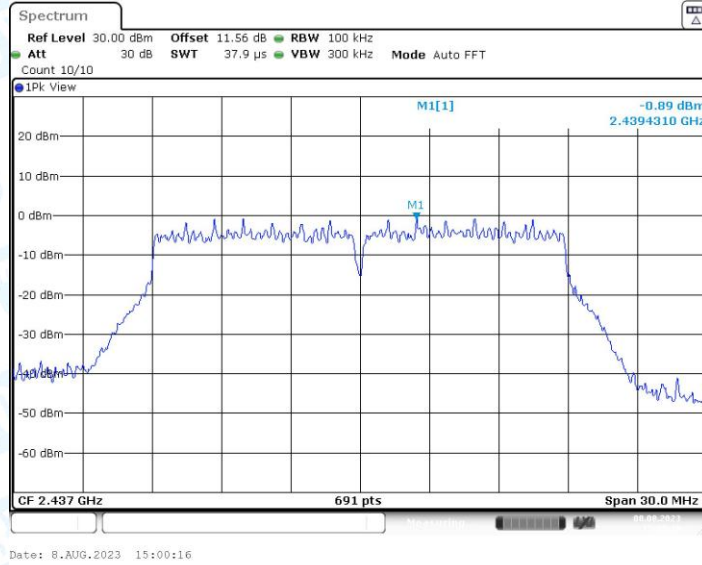
11N20MIMO\_Ant2\_2412\_30~1000



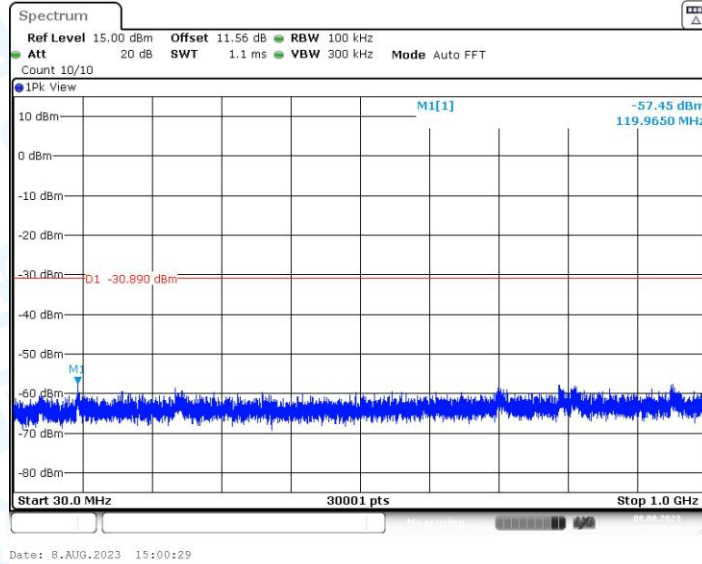
11N20MIMO\_Ant2\_2412\_1000~26500



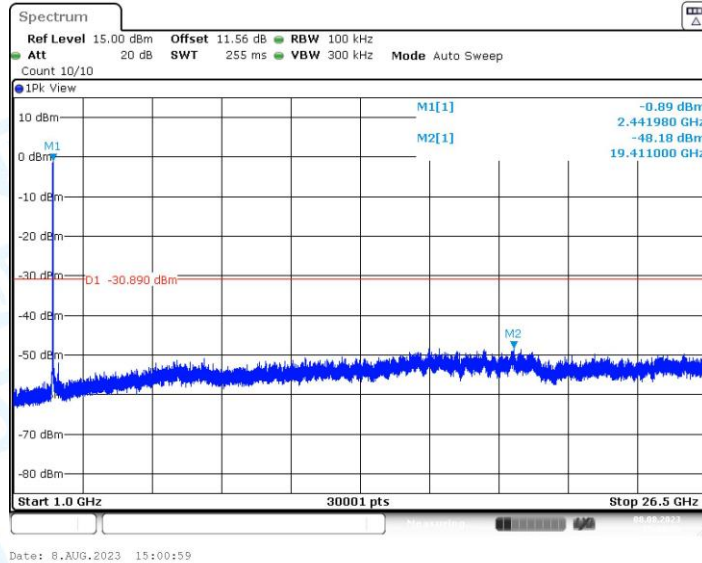
11N20MIMO\_Ant1\_2437\_0~Reference



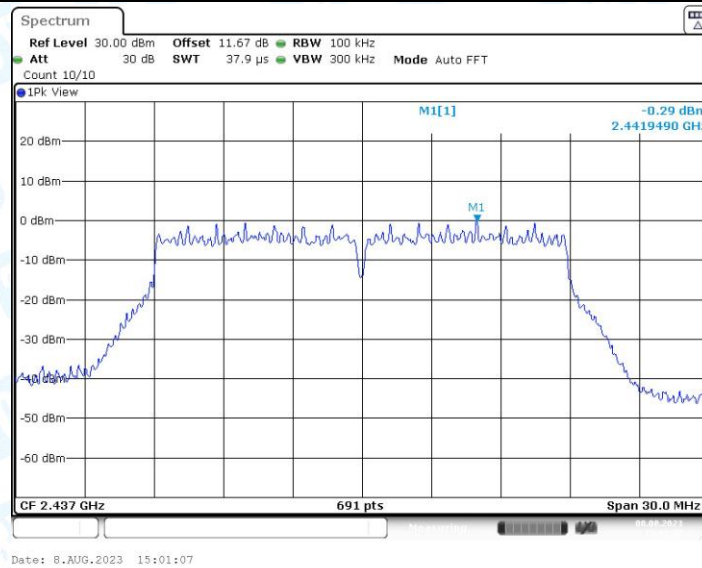
11N20MIMO\_Ant1\_2437\_30~1000



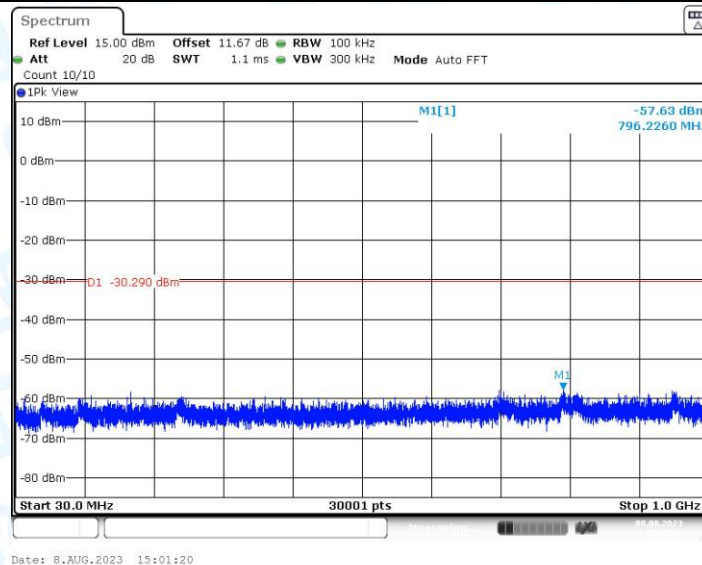
11N20MIMO\_Ant1\_2437\_1000~26500



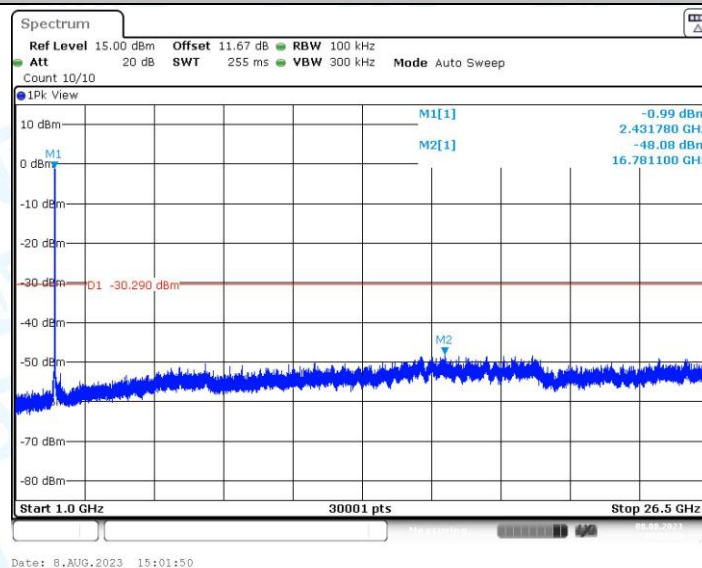
11N20MIMO\_Ant2\_2437\_0~Reference



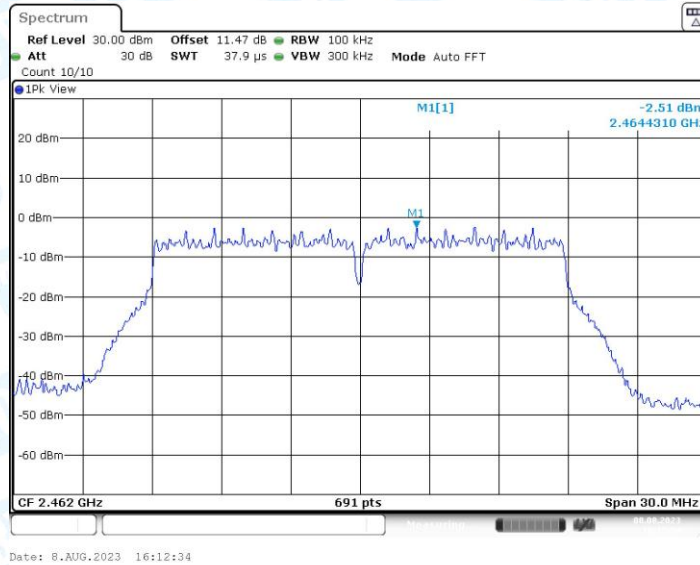
11N20MIMO\_Ant2\_2437\_30~1000



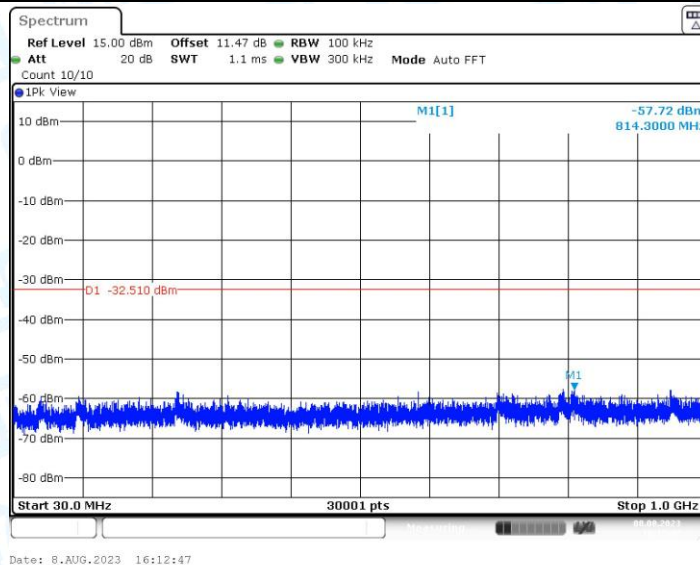
11N20MIMO\_Ant2\_2437\_1000~26500



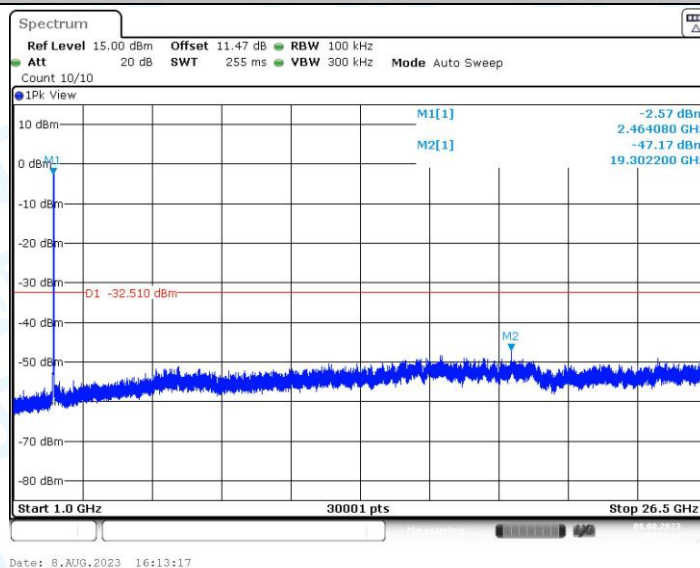
11N20MIMO\_Ant1\_2462\_0~Reference



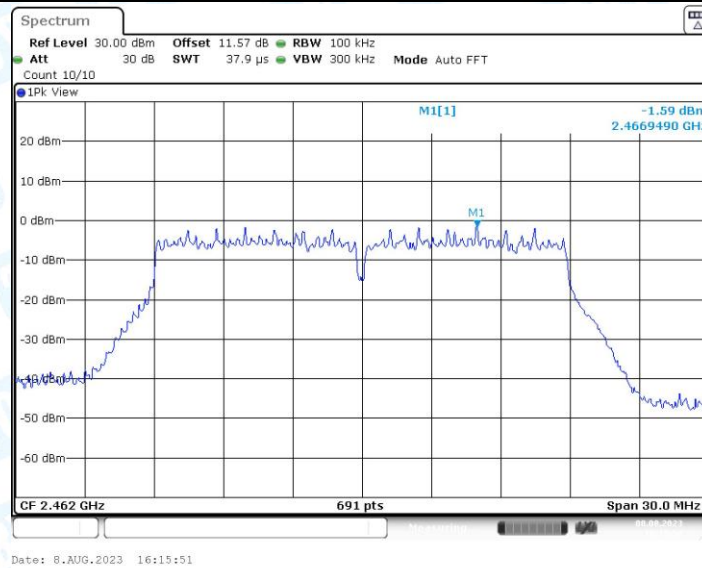
11N20MIMO\_Ant1\_2462\_30~1000



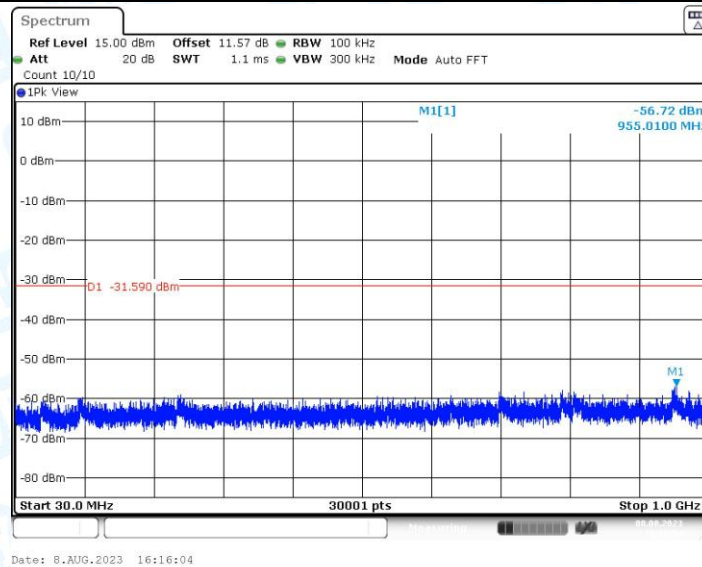
11N20MIMO\_Ant1\_2462\_1000~26500



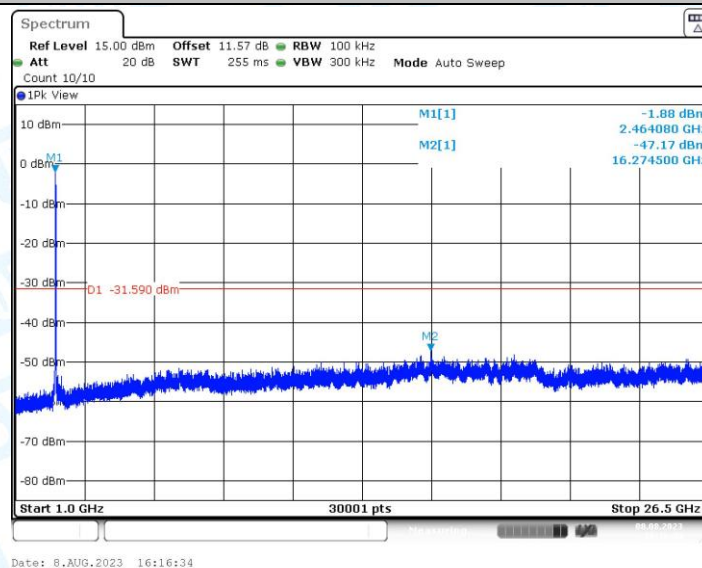
11N20MIMO\_Ant2\_2462\_0~Reference



### 11N20MIMO\_Ant2\_2462\_30~1000



### 11N20MIMO\_Ant2\_2462\_1000~26500



## 7. Duty Cycle

### 7.1. Test Result

| TestMode  | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | 1/TKHz | Verdict |
|-----------|---------|---------|----------------------------|--------------------------|----------------|--------|---------|
| 11B       | Ant1    | 2412    | 0.84                       | 0.88                     | 95.45          | 1.19   | ---     |
|           | Ant2    | 2412    | 0.84                       | 0.88                     | 95.45          | 1.19   | ---     |
|           | Ant1    | 2437    | 0.85                       | 0.88                     | 96.59          | 1.19   | ---     |
|           | Ant2    | 2437    | 0.84                       | 0.88                     | 95.45          | 1.19   | ---     |
|           | Ant1    | 2462    | 0.85                       | 0.88                     | 96.59          | 1.19   | ---     |
|           | Ant2    | 2462    | 0.84                       | 0.87                     | 96.55          | 1.19   | ---     |
| 11G-CDD   | Ant1    | 2412    | 0.18                       | 0.22                     | 81.82          | 5.56   | ---     |
|           | Ant2    | 2412    | 0.17                       | 0.21                     | 80.95          | 5.56   | ---     |
|           | Ant1    | 2437    | 0.17                       | 0.22                     | 77.27          | 5.56   | ---     |
|           | Ant2    | 2437    | 0.17                       | 0.21                     | 80.95          | 5.56   | ---     |
|           | Ant1    | 2462    | 0.17                       | 0.22                     | 77.27          | 5.56   | ---     |
|           | Ant2    | 2462    | 0.17                       | 0.21                     | 80.95          | 5.56   | ---     |
| 11N20MIMO | Ant1    | 2412    | 0.17                       | 0.21                     | 80.95          | 5.56   | ---     |
|           | Ant2    | 2412    | 0.16                       | 0.21                     | 76.19          | 6.25   | ---     |
|           | Ant1    | 2437    | 0.17                       | 0.21                     | 80.95          | 5.56   | ---     |
|           | Ant2    | 2437    | 0.17                       | 0.21                     | 80.95          | 5.56   | ---     |
|           | Ant1    | 2462    | 0.17                       | 0.21                     | 80.95          | 5.56   | ---     |
|           | Ant2    | 2462    | 0.17                       | 0.21                     | 80.95          | 5.56   | ---     |