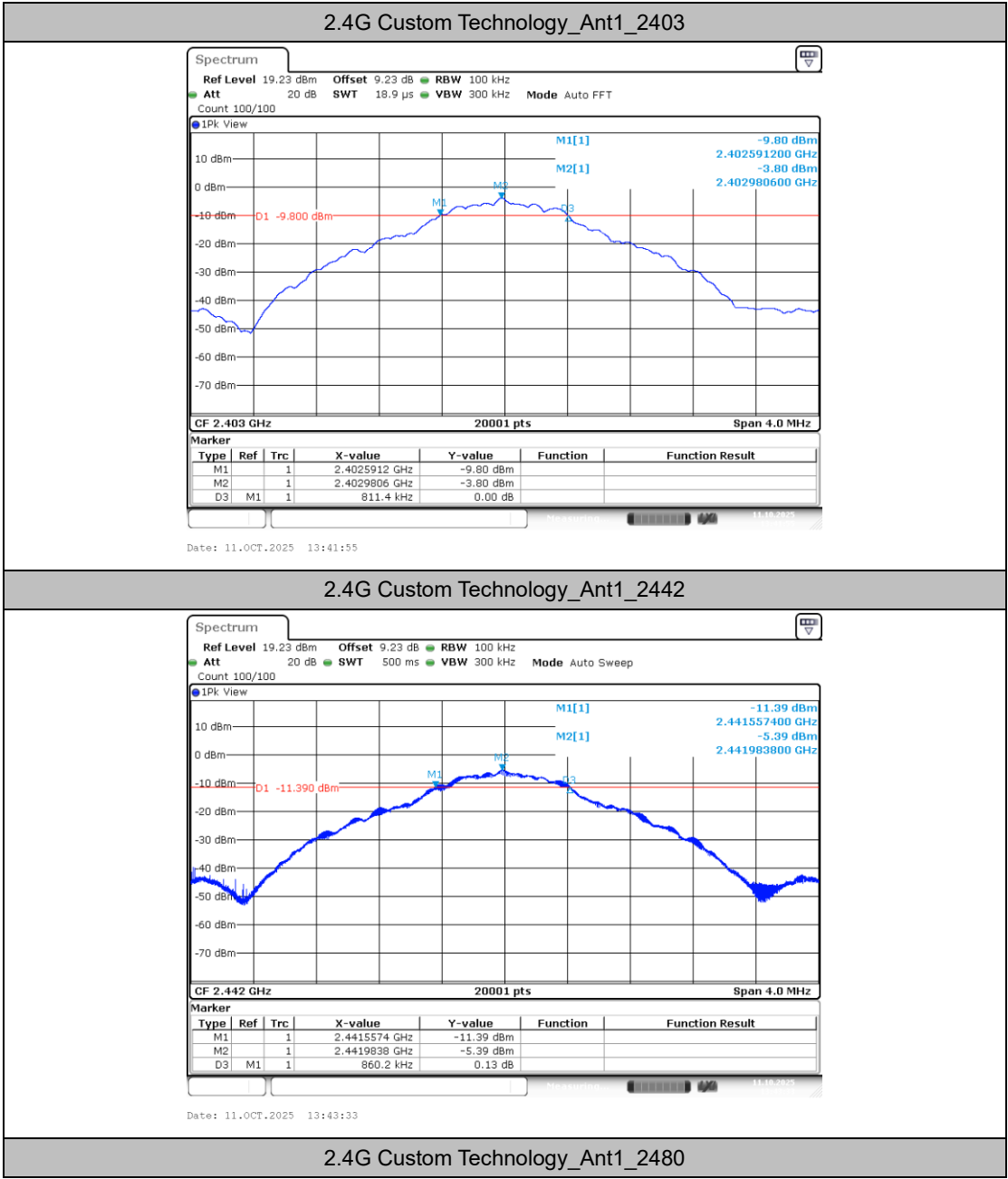


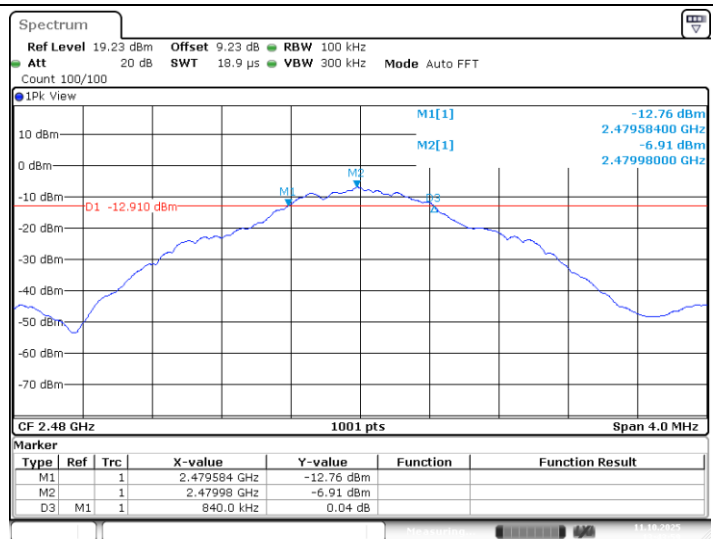
# Appendix A: DTS Bandwidth

## Test Result

| TestMode               | Antenna | Freq(MHz) | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------------------|---------|-----------|--------------|---------|---------|------------|---------|
| 2.4G Custom Technology | Ant1    | 2403      | 0.81         | 2402.59 | 2403.40 | 0.5        | PASS    |
|                        |         | 2442      | 0.86         | 2441.56 | 2442.42 | 0.5        | PASS    |
|                        |         | 2480      | 0.84         | 2479.58 | 2480.42 | 0.5        | PASS    |

# Test Graphs





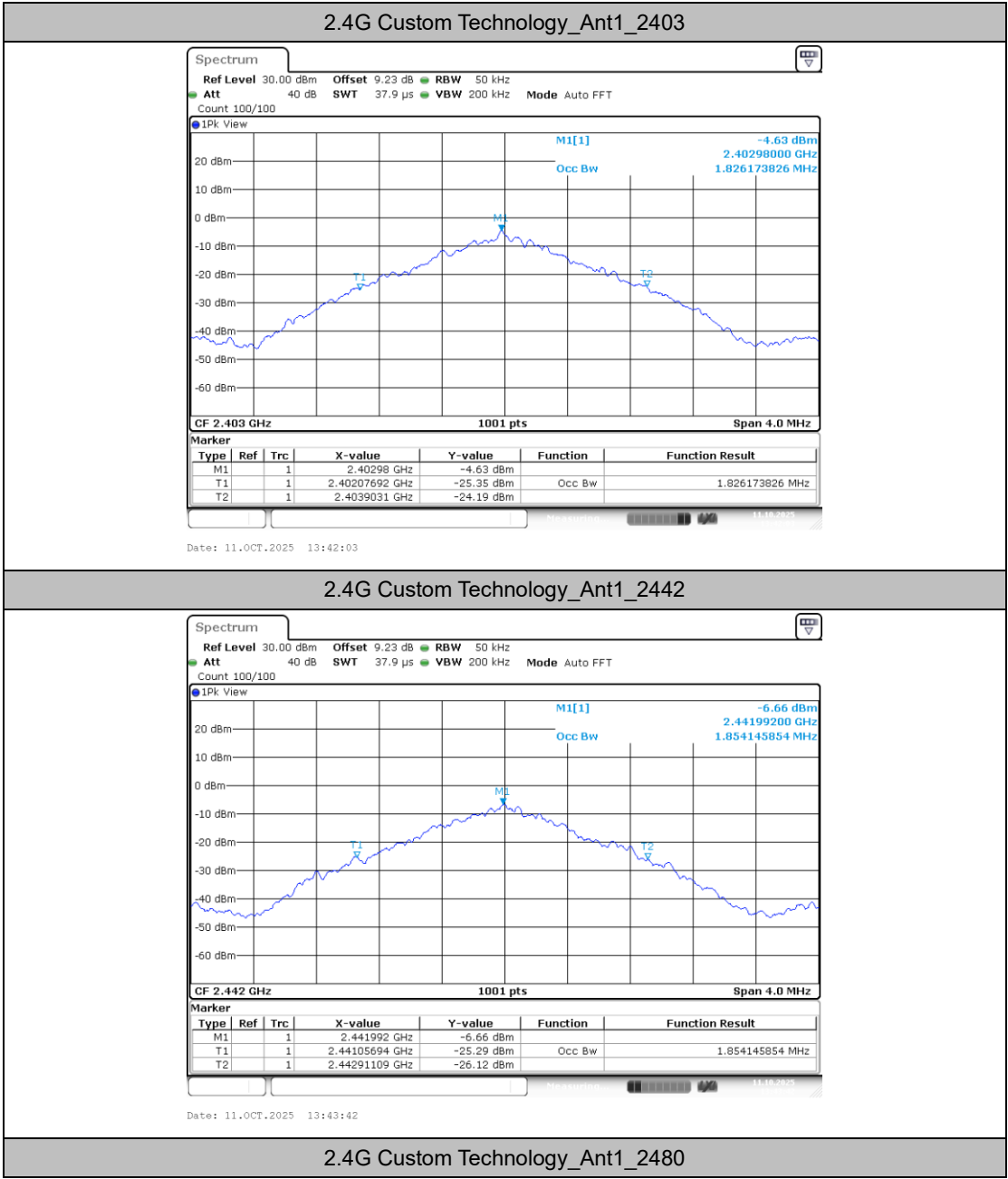
Date: 11.OCT.2025 13:43:59

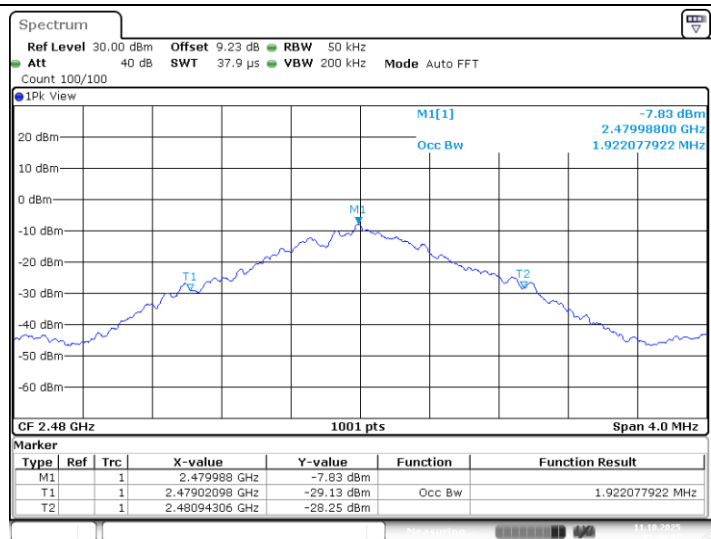
Appendix B: Occupied Channel Bandwidth

Test Result

| TestMode                     | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------------------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 2.4G<br>Custom<br>Technology | Ant1    | 2403      | 1.826     | 2402.0769 | 2403.9031 | ---        | ---     |
|                              |         | 2442      | 1.854     | 2441.0569 | 2442.9111 | ---        | ---     |
|                              |         | 2480      | 1.922     | 2479.0210 | 2480.9431 | ---        | ---     |

# Test Graphs





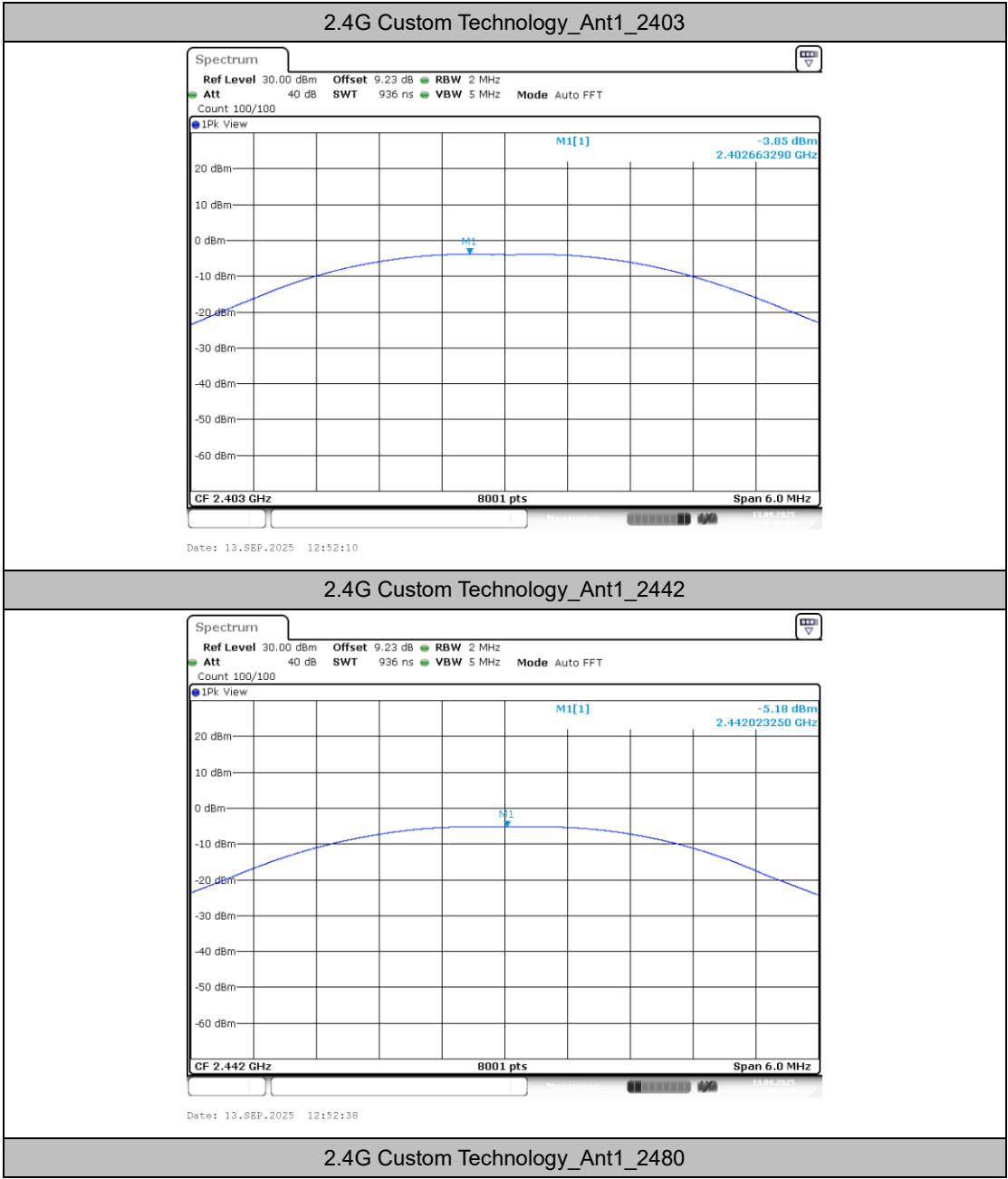
Date: 11.OCT.2025 13:44:07

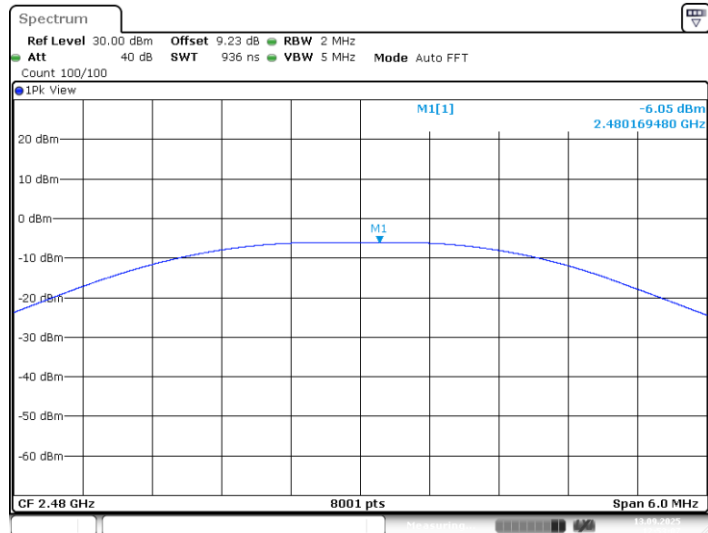
Appendix C: Maximum conducted output power

Test Result

| TestMode                     | Antenna | Freq(MHz) | Conducted<br>Peak<br>Power[dBm] | Conducted<br>Limit[dBm] | EIRP[dBm] | EIRP<br>Limit[dBm] | Verdict |
|------------------------------|---------|-----------|---------------------------------|-------------------------|-----------|--------------------|---------|
| 2.4G<br>Custom<br>Technology | Ant1    | 2403      | -3.85                           | ≤30                     | -3.85     | ≤36                | PASS    |
|                              |         | 2442      | -5.18                           | ≤30                     | -5.18     | ≤36                | PASS    |
|                              |         | 2480      | -6.05                           | ≤30                     | -6.05     | ≤36                | PASS    |

Test Graphs





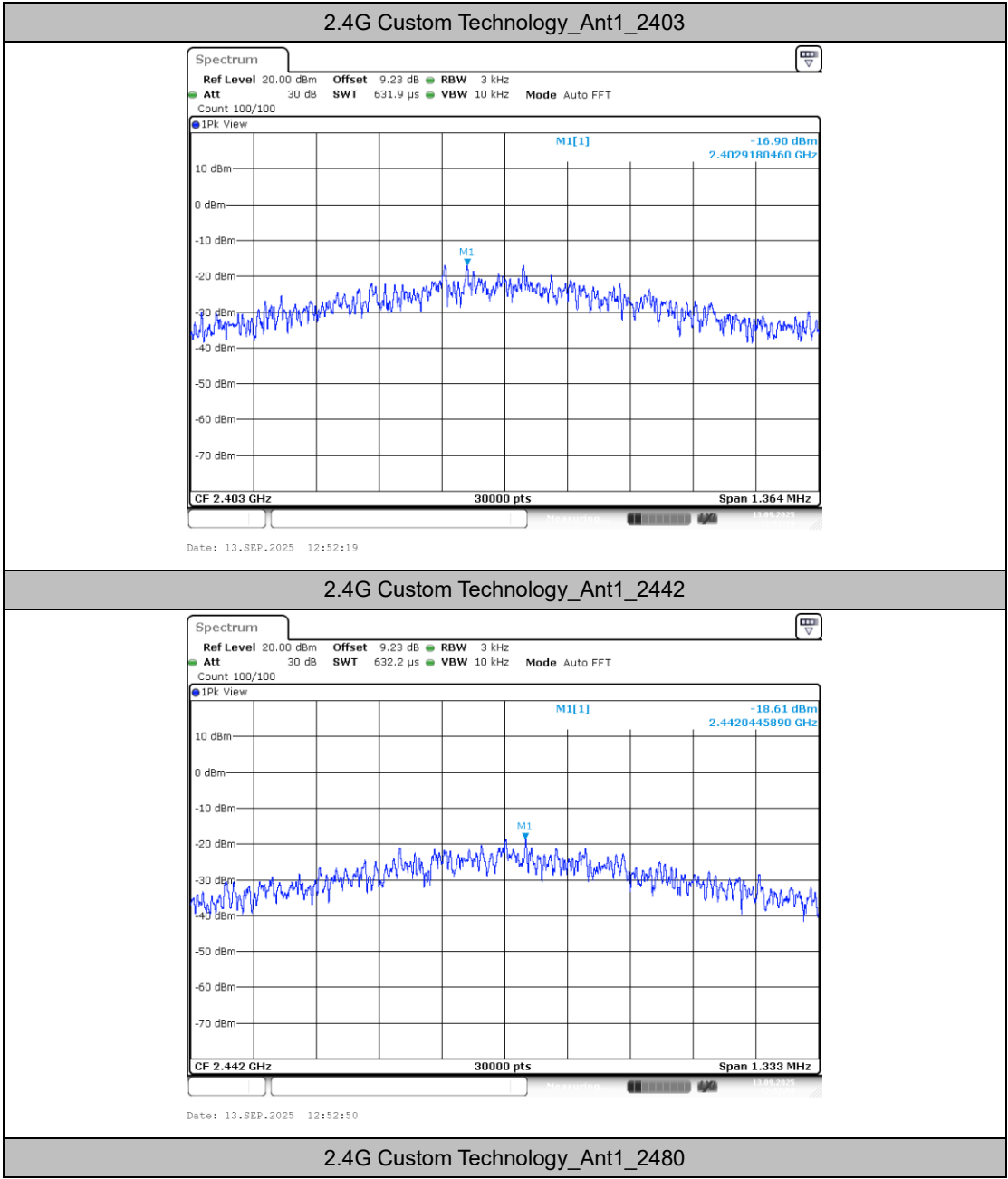
Date: 13.SEP.2025 12:53:07

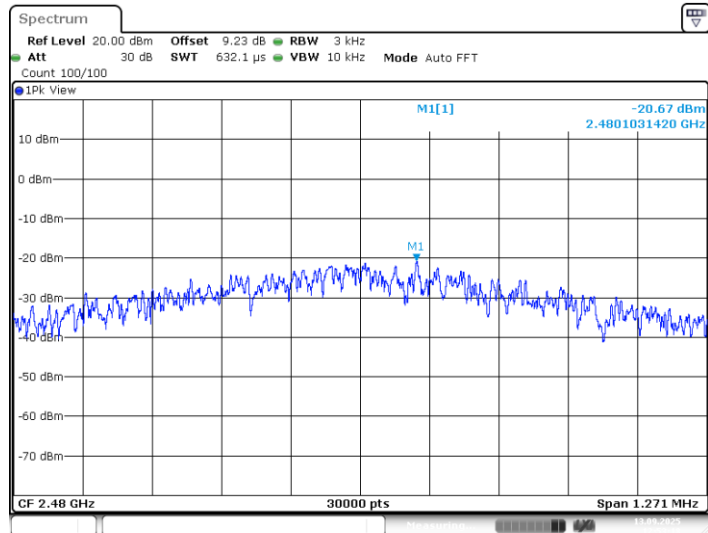
Appendix D: Maximum power spectral density

Test Result

| TestMode                     | Antenna | Freq(MHz) | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|------------------------------|---------|-----------|------------------|-----------------|---------|
| 2.4G<br>Custom<br>Technology | Ant1    | 2403      | -16.90           | ≤8.00           | PASS    |
|                              |         | 2442      | -18.61           | ≤8.00           | PASS    |
|                              |         | 2480      | -20.67           | ≤8.00           | PASS    |

Test Graphs





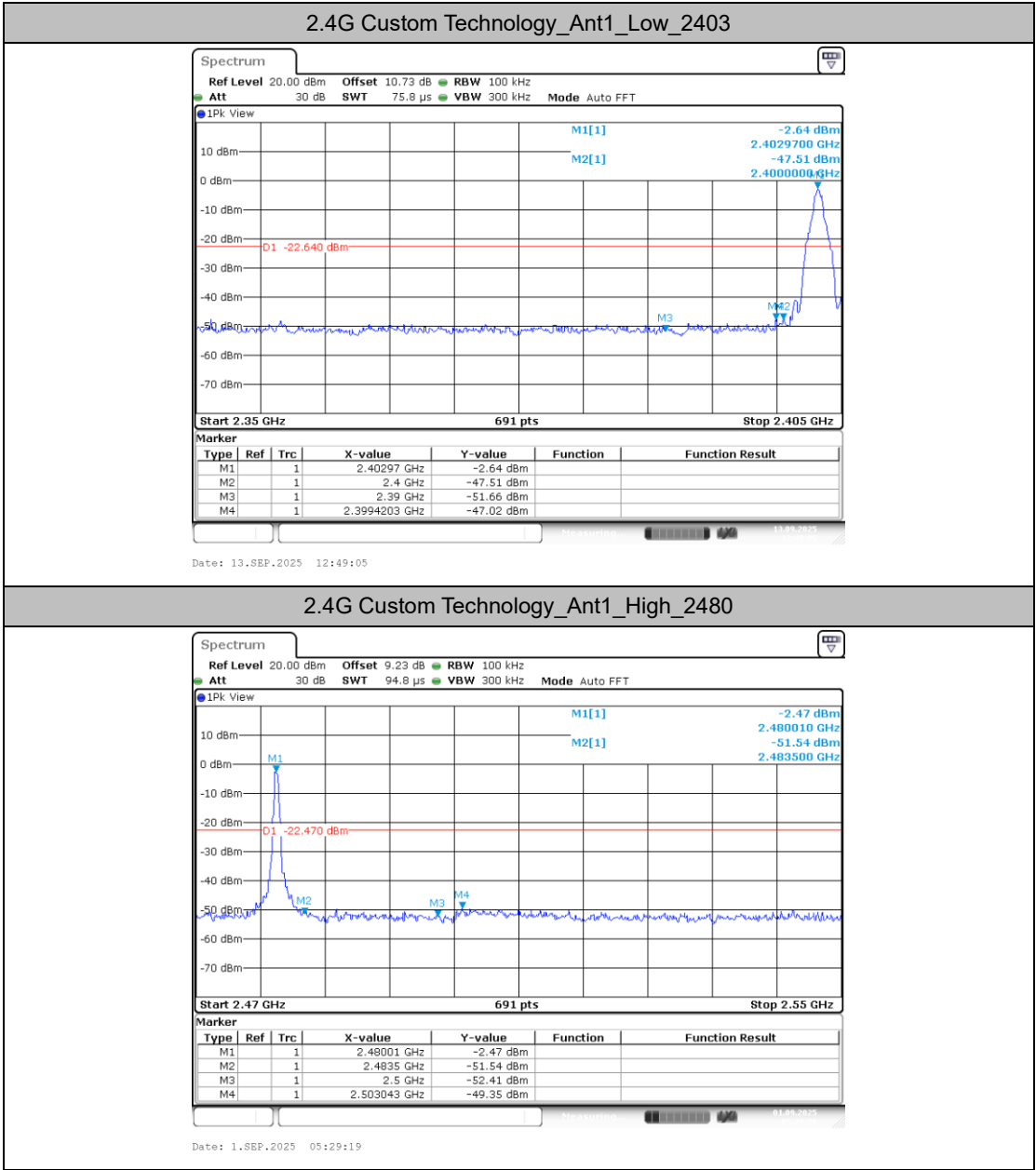
Date: 13.SEP.2025 12:53:18

## Appendix E: Band edge measurements

### Test Result

| TestMode                     | Antenna | ChName | Freq(MHz) | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------------------------|---------|--------|-----------|---------------|-------------|------------|---------|
| 2.4G<br>Custom<br>Technology | Ant1    | Low    | 2403      | -2.64         | -47.02      | ≤-22.64    | PASS    |
|                              |         | High   | 2480      | -2.47         | -49.35      | ≤-22.47    | PASS    |

# Test Graphs

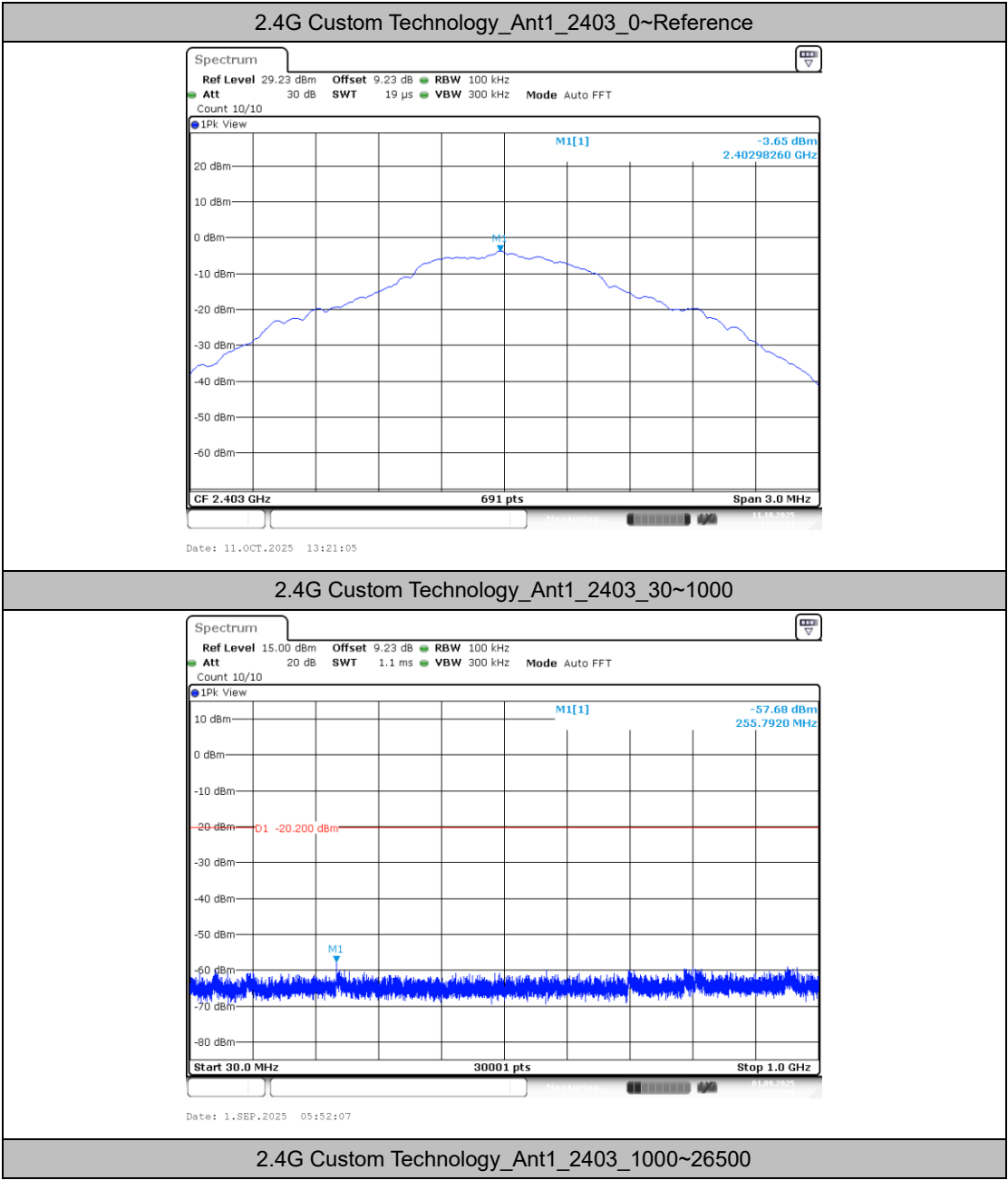


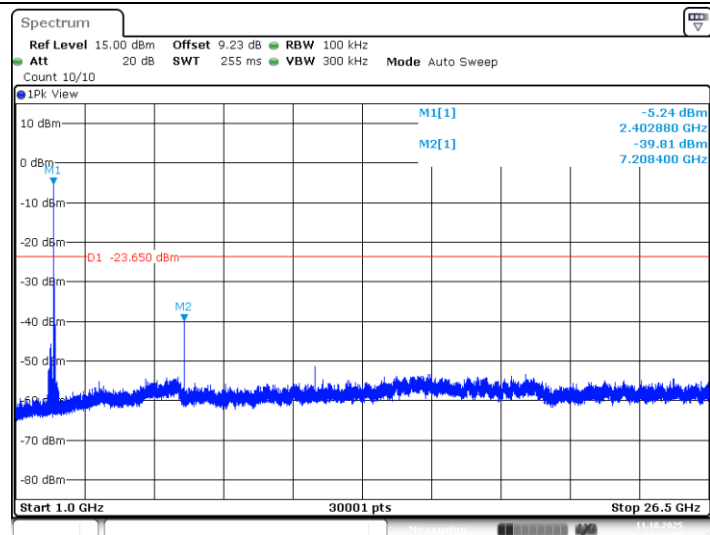
## Appendix F: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Freq(MHz) | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|-----------|--------------------|-------------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2403      | Reference          | -3.65             | -3.65       | ---        | PASS    |
|          |         |           | 30~1000            | -3.65             | -58.29      | ≤-23.65    | PASS    |
|          |         |           | 1000~26500         | -3.65             | -39.81      | ≤-23.65    | PASS    |
|          |         | 2442      | Reference          | -4.12             | -4.12       | ---        | PASS    |
|          |         |           | 30~1000            | -4.12             | -56.86      | ≤-24.12    | PASS    |
|          |         |           | 1000~26500         | -4.12             | -39.22      | ≤-24.12    | PASS    |
|          |         | 2480      | Reference          | -6.84             | -6.84       | ---        | PASS    |
|          |         |           | 30~1000            | -6.84             | -58.89      | ≤-26.84    | PASS    |
|          |         |           | 1000~26500         | -6.84             | -38.52      | ≤-26.84    | PASS    |

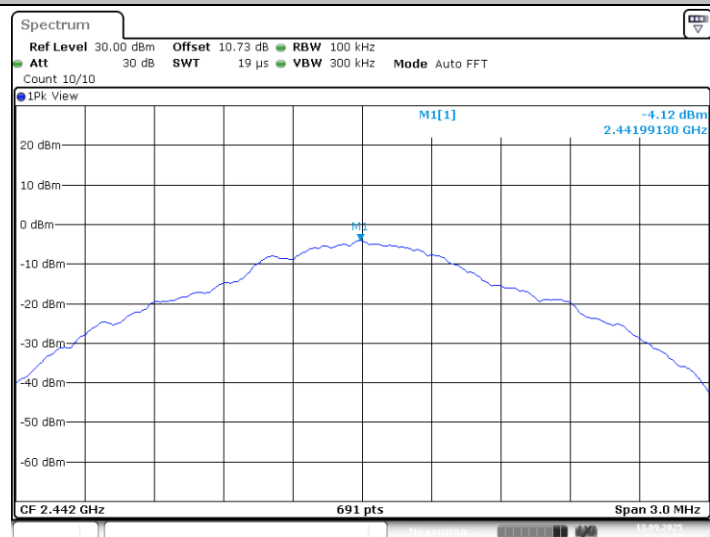
Test Graphs





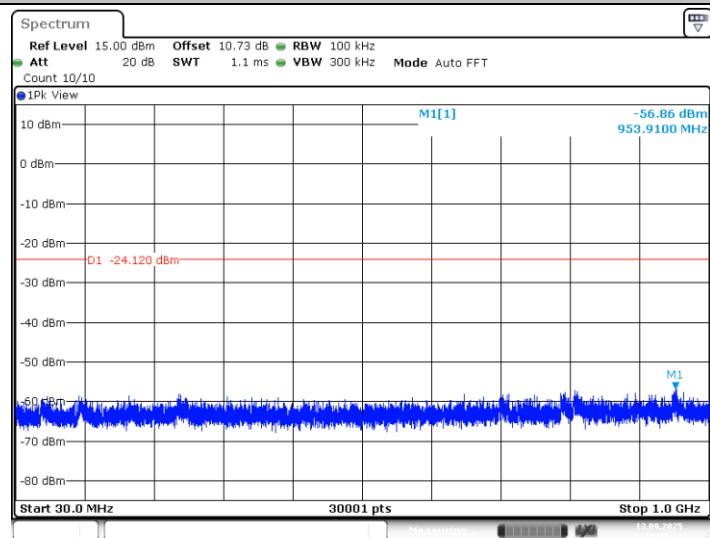
Date: 11.OCT.2025 13:21:57

### 2.4G Custom Technology\_Ant1\_2442\_0~Reference



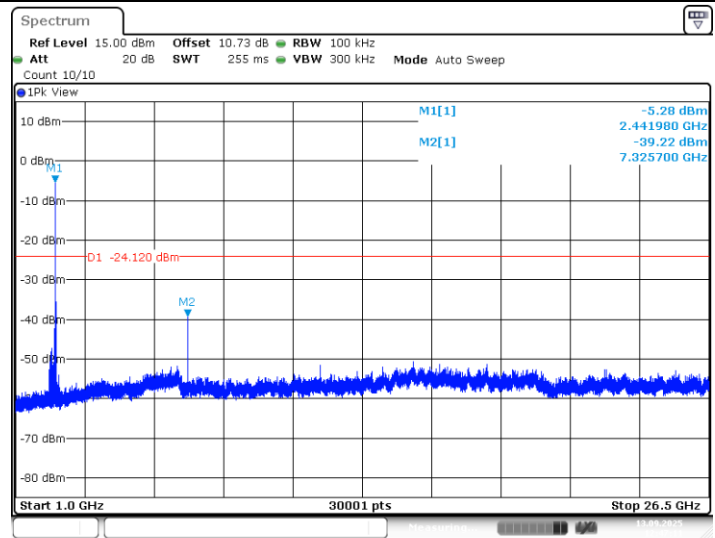
Date: 13.SEP.2025 12:46:18

### 2.4G Custom Technology\_Ant1\_2442\_30~1000



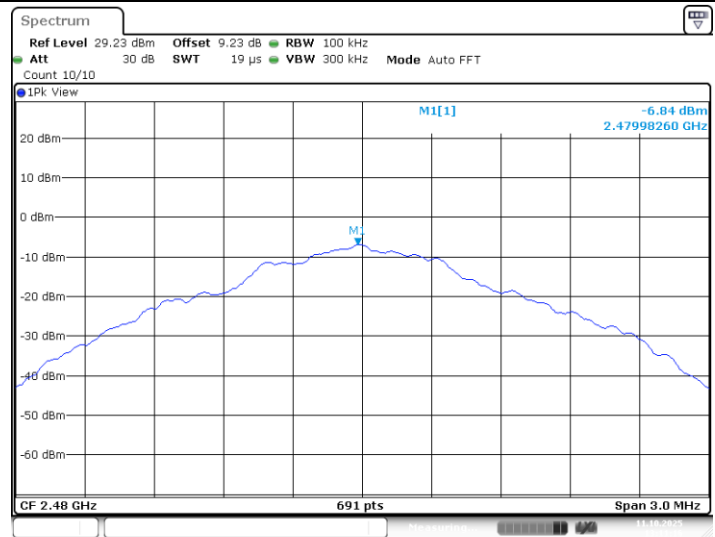
Date: 13.SEP.2025 12:46:31

2.4G Custom Technology\_Ant1\_2442\_1000~26500



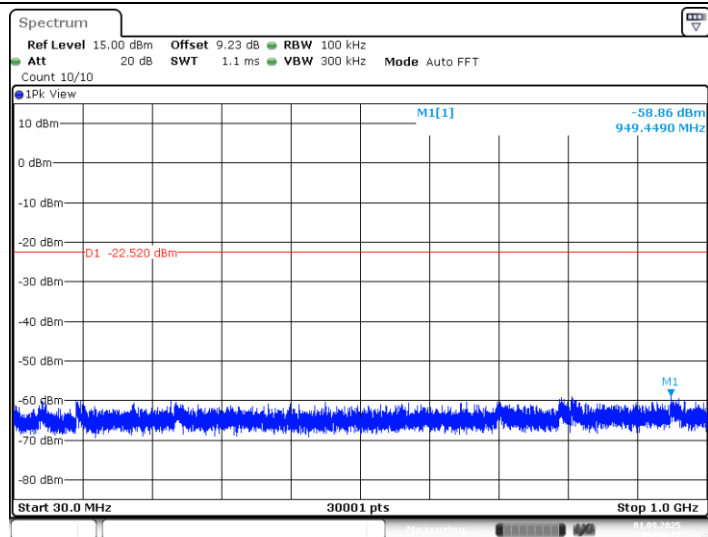
Date: 13.SEP.2025 12:47:11

2.4G Custom Technology\_Ant1\_2480\_0~Reference



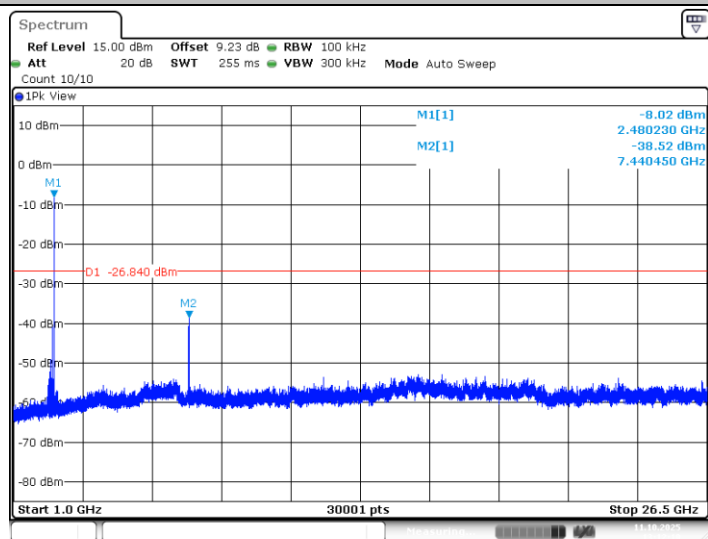
Date: 11.OCT.2025 13:11:16

2.4G Custom Technology\_Ant1\_2480\_30~1000



Date: 1.SEP.2025 05:30:27

## 2.4G Custom Technology\_Ant1\_2480\_1000~26500



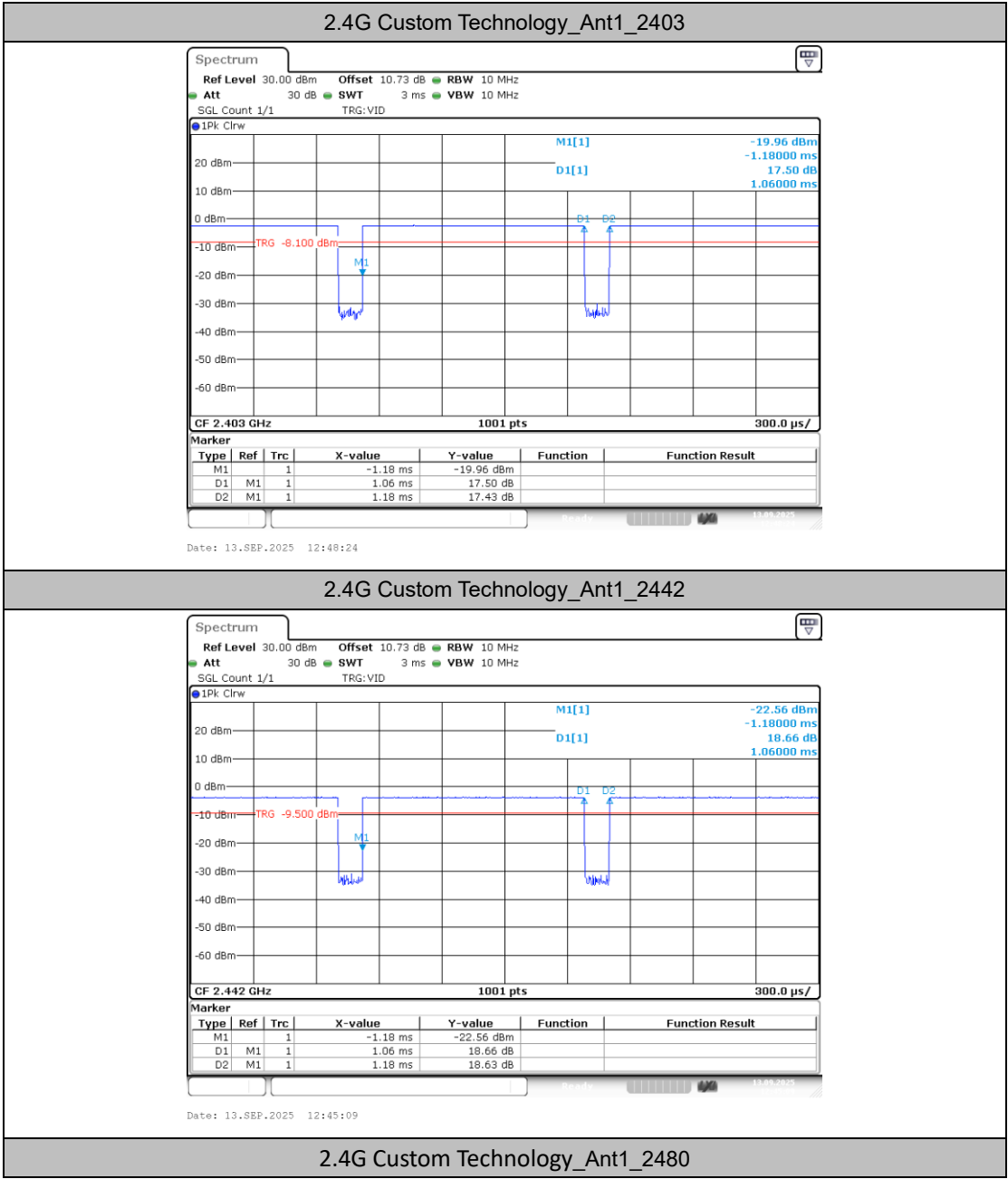
Date: 11.OCT.2025 13:12:09

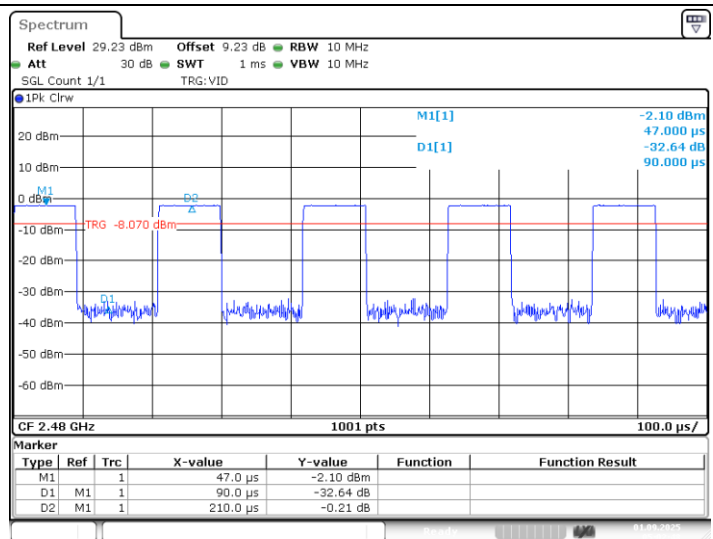
Appendix G: Duty Cycle

Test Result

| TestMode                     | Antenna | Freq(MHz) | ON<br>Time<br>[ms] | Period<br>[ms] | X      | DC<br>[%] | xFactor | Limit | Verdict |
|------------------------------|---------|-----------|--------------------|----------------|--------|-----------|---------|-------|---------|
| 2.4G<br>Custom<br>Technology | Ant1    | 2403      | 1.06               | 1.18           | 0.8983 | 89.83     | 0.47    | ---   | ---     |
|                              |         | 2442      | 1.06               | 1.18           | 0.8983 | 89.83     | 0.47    | ---   | ---     |
|                              |         | 2480      | 0.09               | 0.21           | 0.4286 | 42.86     | 3.68    | ---   | ---     |

Test Graphs





Date: 1.SEP.2025 05:02:48