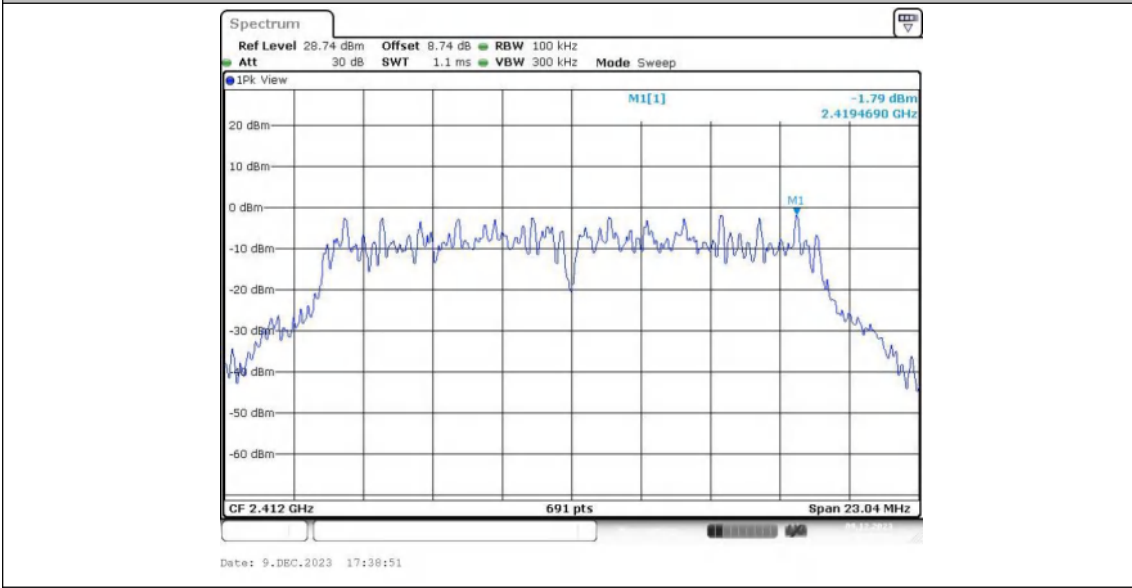
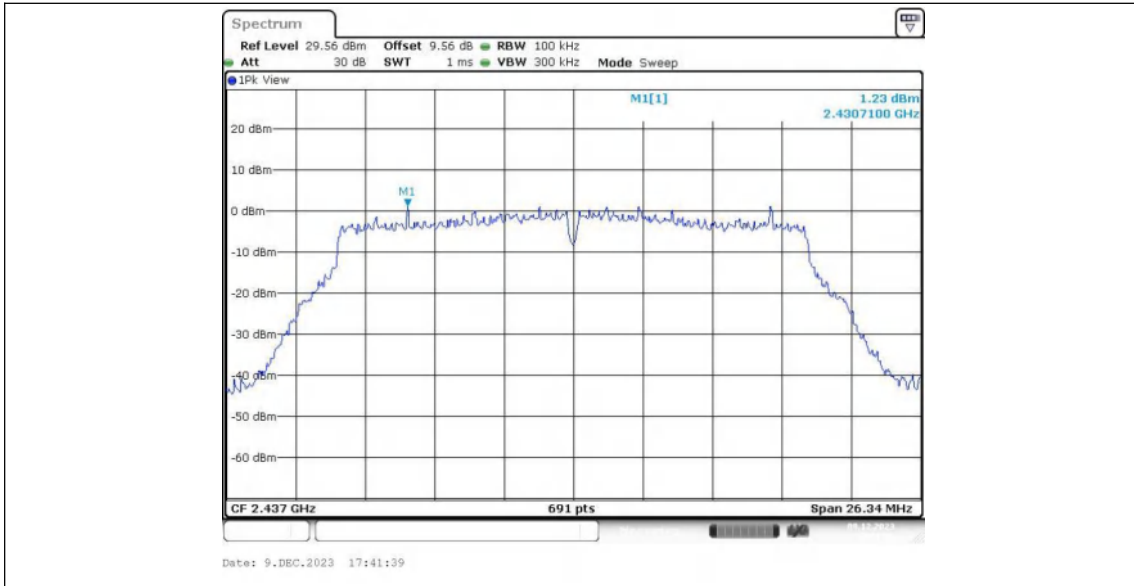


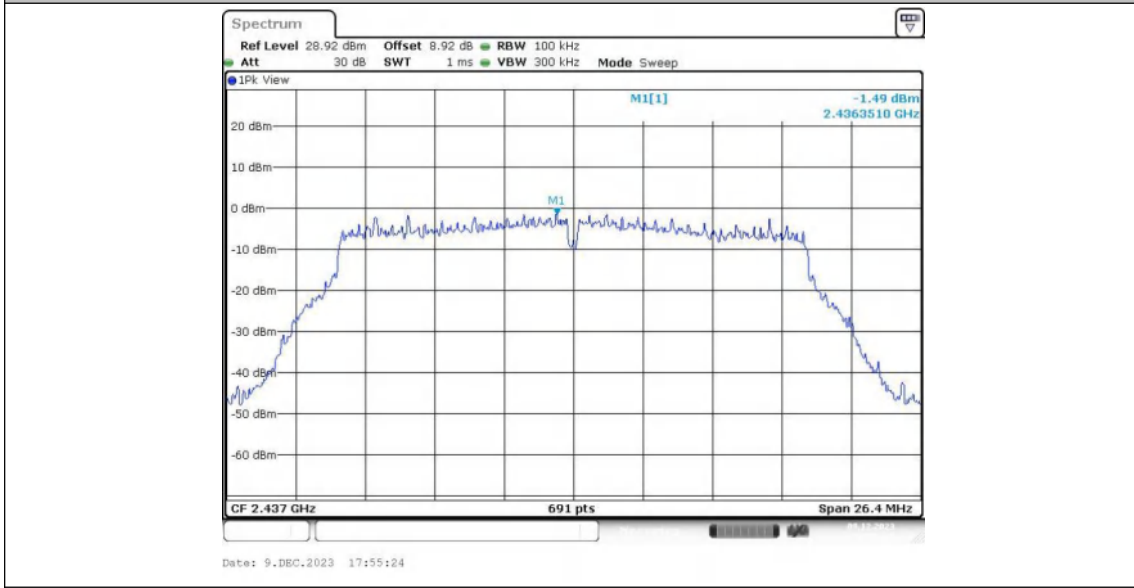
11N20MIMO_Ant2_2412



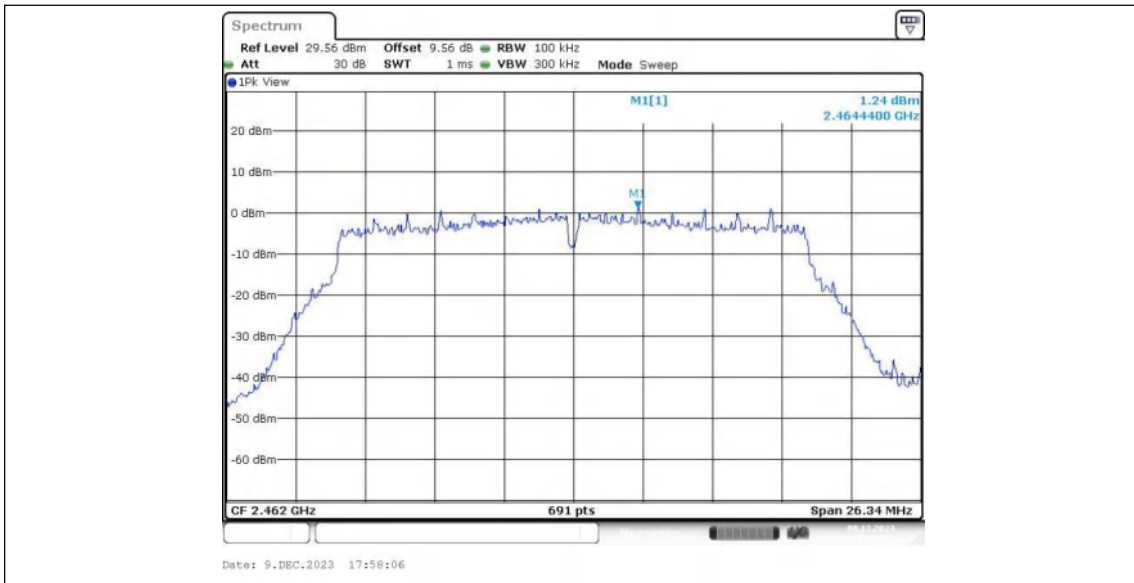
11N20MIMO_Ant1_2437



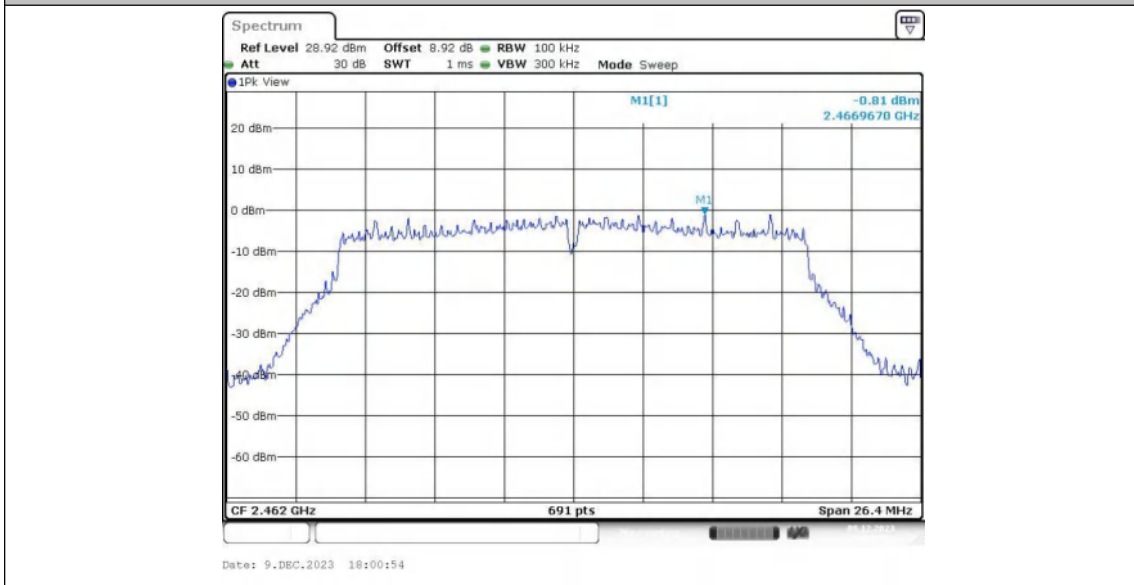
11N20MIMO_Ant2_2437



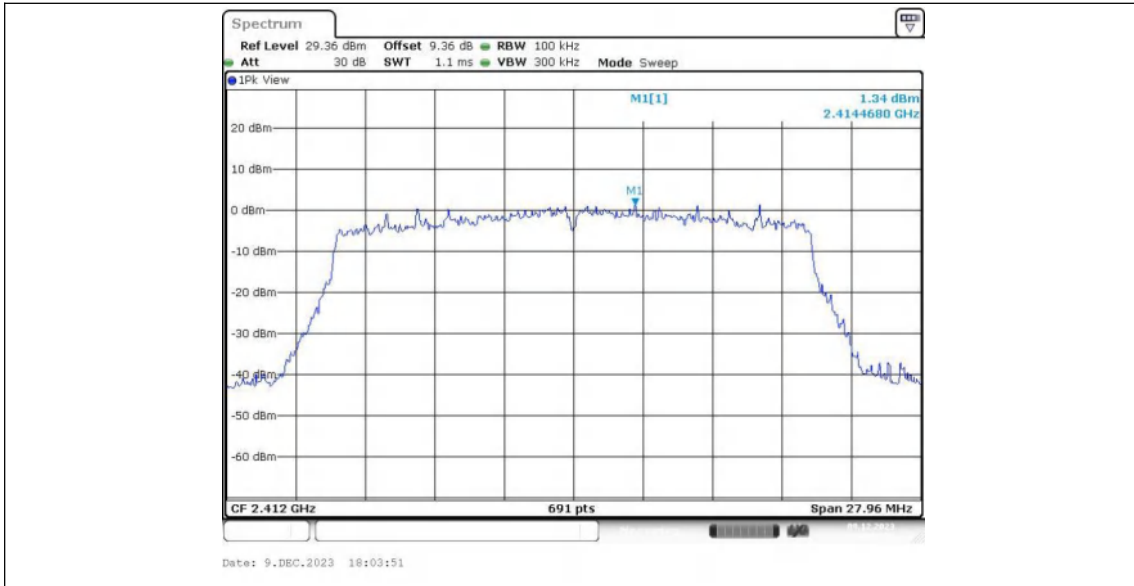
11N20MIMO_Ant1_2462



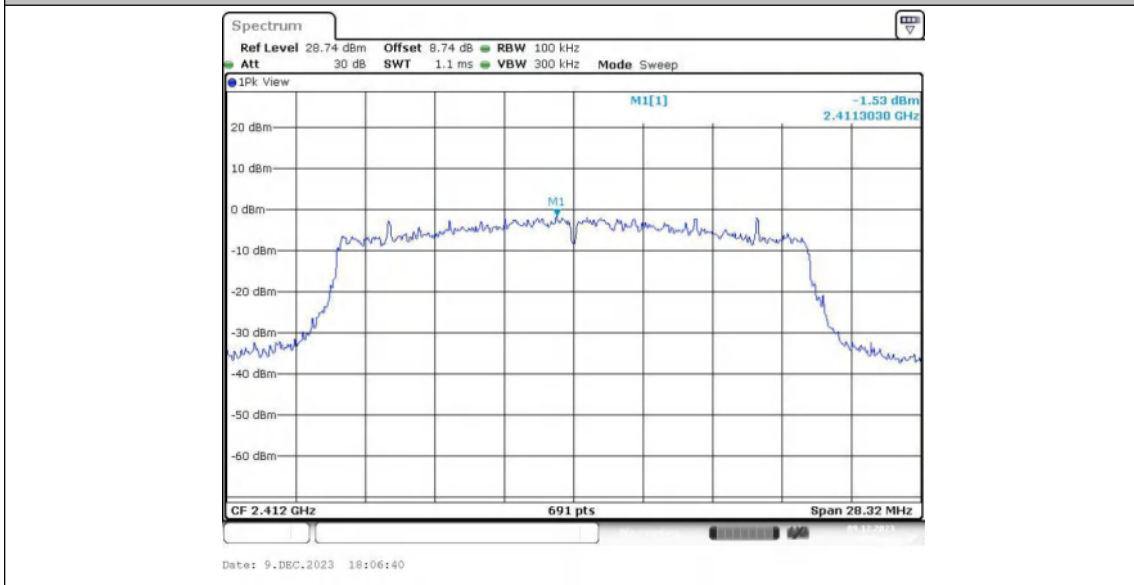
11N20MIMO_Ant2_2462



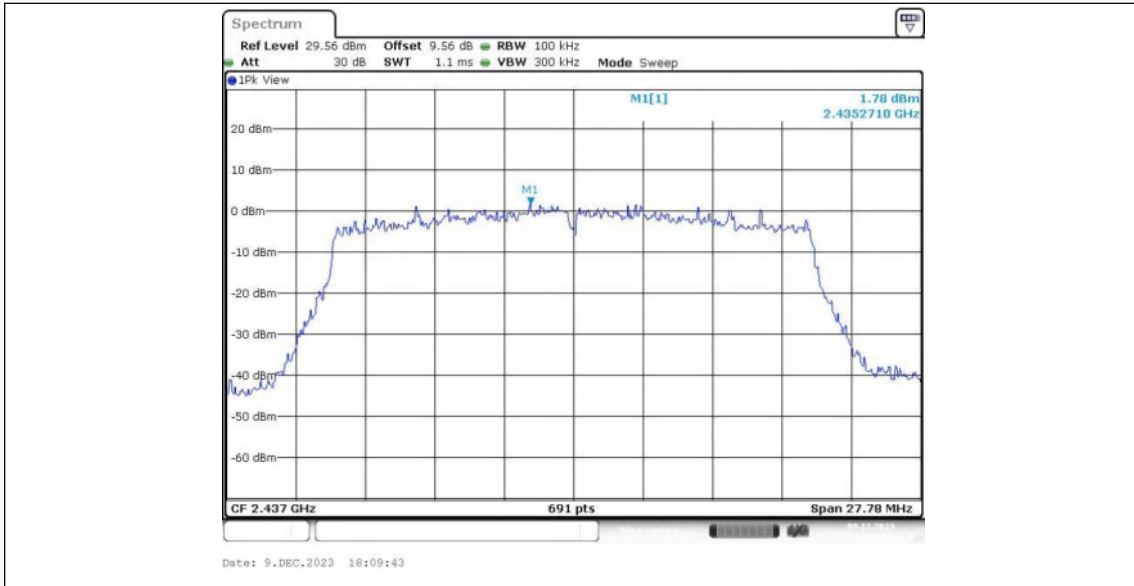
11AX20MIMO_Ant1_2412



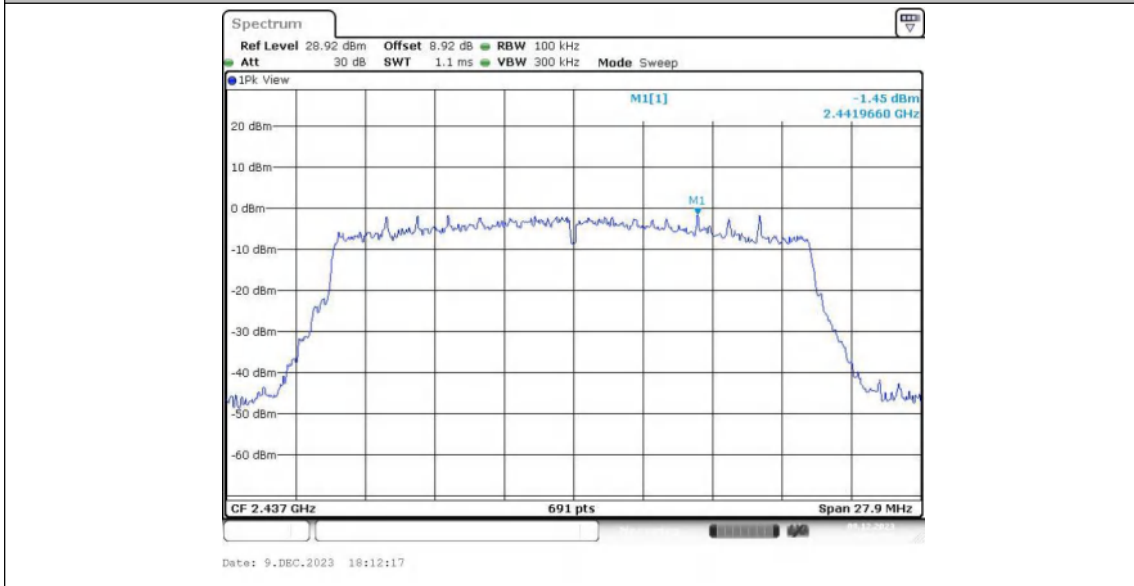
11AX20MIMO_Ant2_2412



11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437



11AX20MIMO_Ant1_2462





Appendix F: Band edge measurements

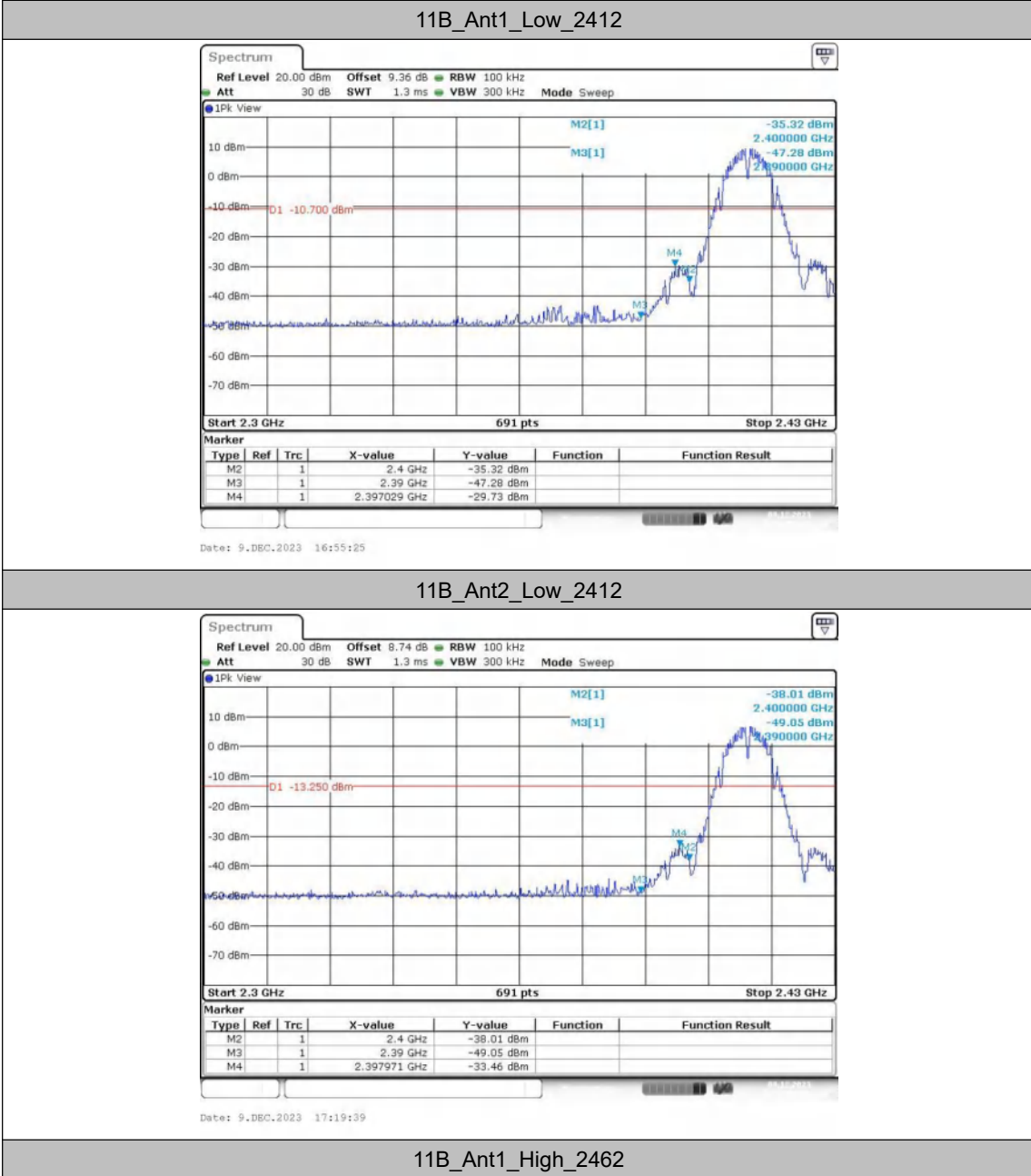
Test Result

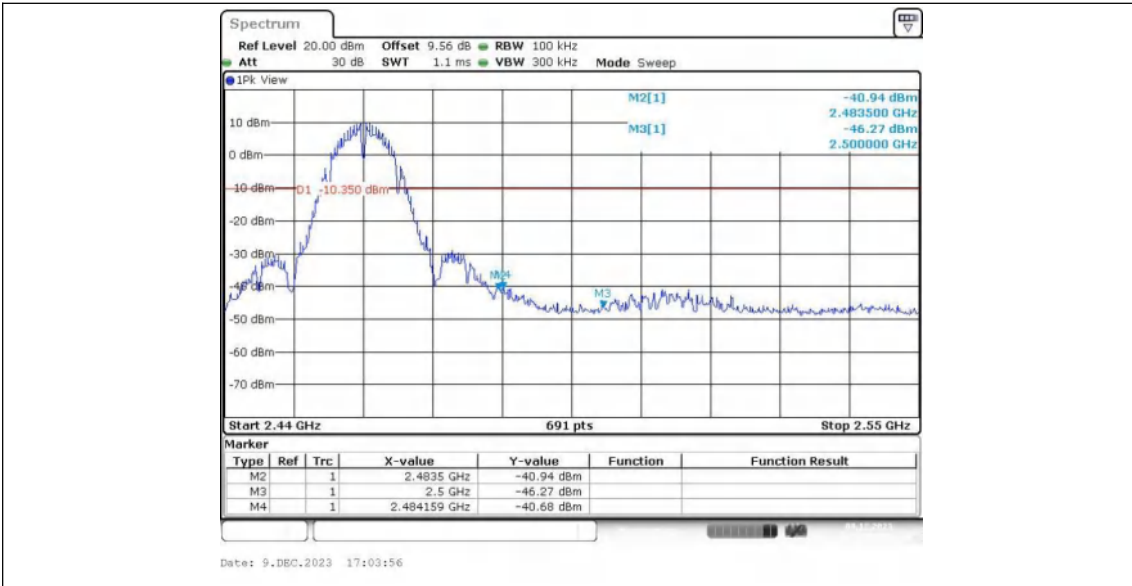
| TestMode | Antenna | Channel | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|---------|----------------|---------------|-------------|------------|---------|
| 11B | Ant1 | Low | 2412 | 9.30 | -29.73 | ≤-10.7 | PASS |
| | Ant2 | Low | 2412 | 6.75 | -33.46 | ≤-13.25 | PASS |
| | Ant1 | High | 2462 | 9.65 | -40.68 | ≤-10.35 | PASS |
| | Ant2 | High | 2462 | 7.38 | -39.57 | ≤-12.62 | PASS |
| 11G | Ant1 | Low | 2412 | 3.47 | -24.22 | ≤-16.53 | PASS |
| | Ant2 | Low | 2412 | 1.07 | -24.17 | ≤-18.93 | PASS |
| | Ant1 | High | 2462 | 3.69 | -33 | ≤-16.31 | PASS |
| | Ant2 | High | 2462 | 1.95 | -37.88 | ≤-18.05 | PASS |
| 11N20MIMO | Ant1 | Low | 2412 | 1.17 | -38.91 | ≤-18.83 | PASS |
| | Ant2 | Low | 2412 | -1.79 | -34.05 | ≤-21.79 | PASS |
| | Ant1 | High | 2462 | 1.24 | -41.03 | ≤-18.76 | PASS |
| | Ant2 | High | 2462 | -0.81 | -45.2 | ≤-20.81 | PASS |
| 11AX20MIMO | Ant1 | Low | 2412 | 1.34 | -39.45 | ≤-18.66 | PASS |
| | Ant2 | Low | 2412 | -1.53 | -31.86 | ≤-21.53 | PASS |
| | Ant1 | High | 2462 | 1.51 | -42.81 | ≤-18.49 | PASS |
| | Ant2 | High | 2462 | -0.65 | -44.16 | ≤-20.65 | PASS |

The test margin is greater than 3db and MIMO mode does not need to be evaluated

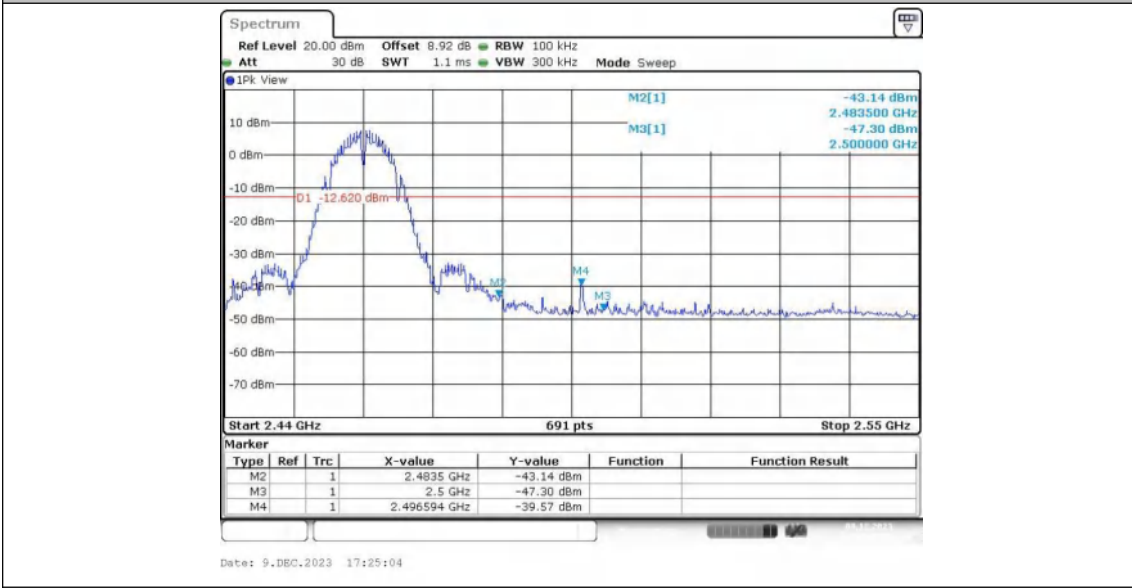


Test Graphs

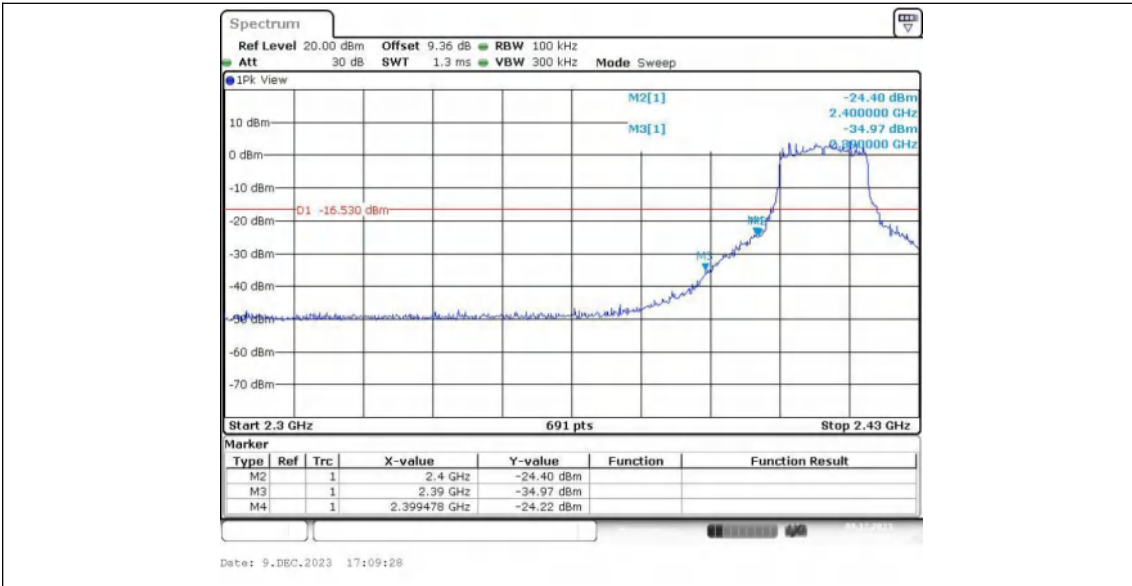




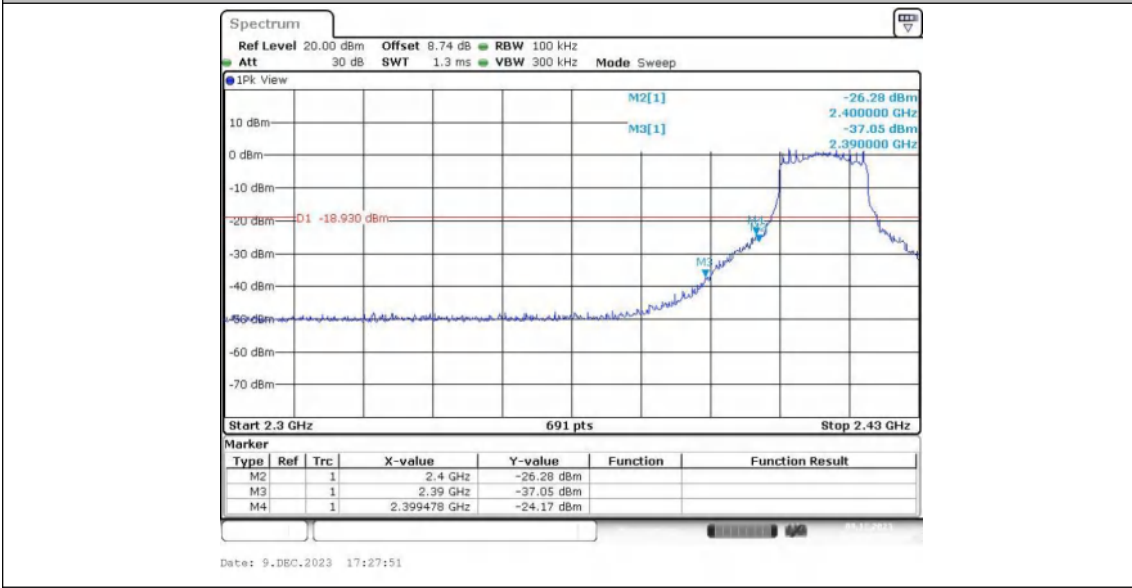
11B_Ant2_High_2462



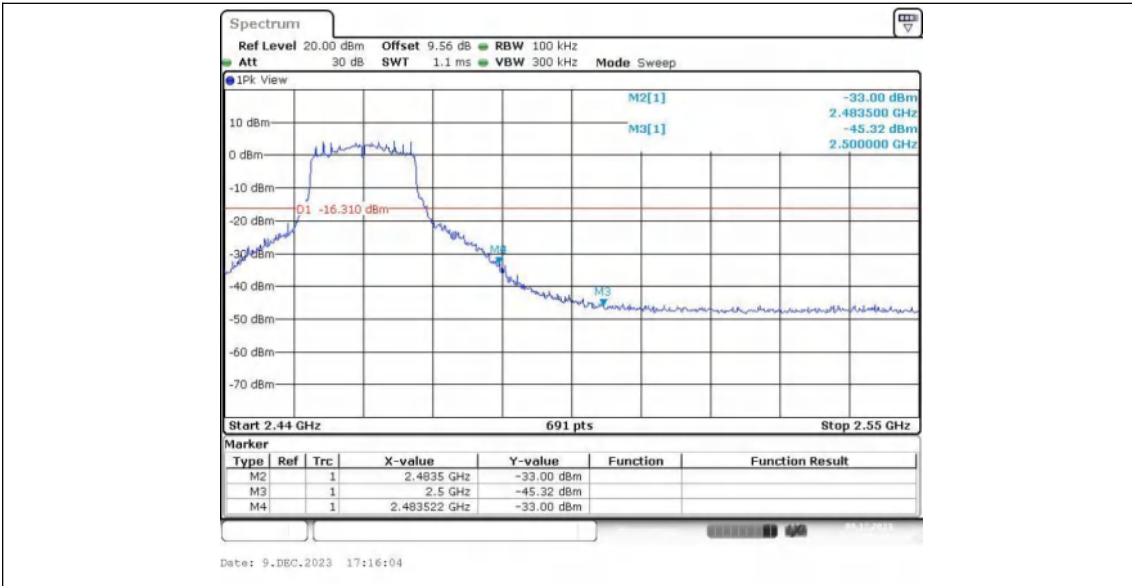
11G_Ant1_Low_2412



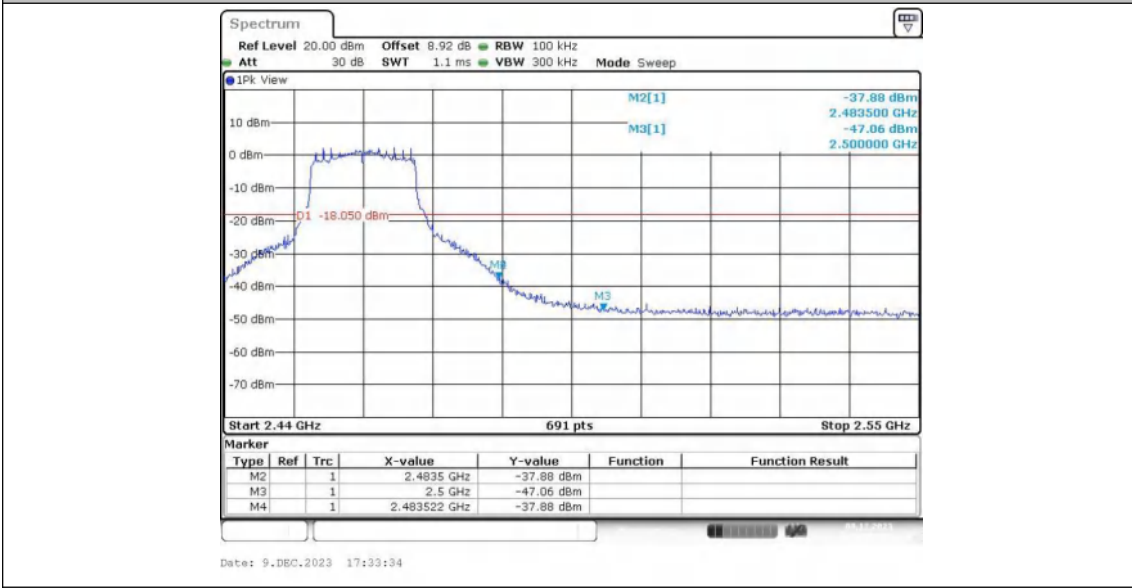
11G_Ant2_Low_2412



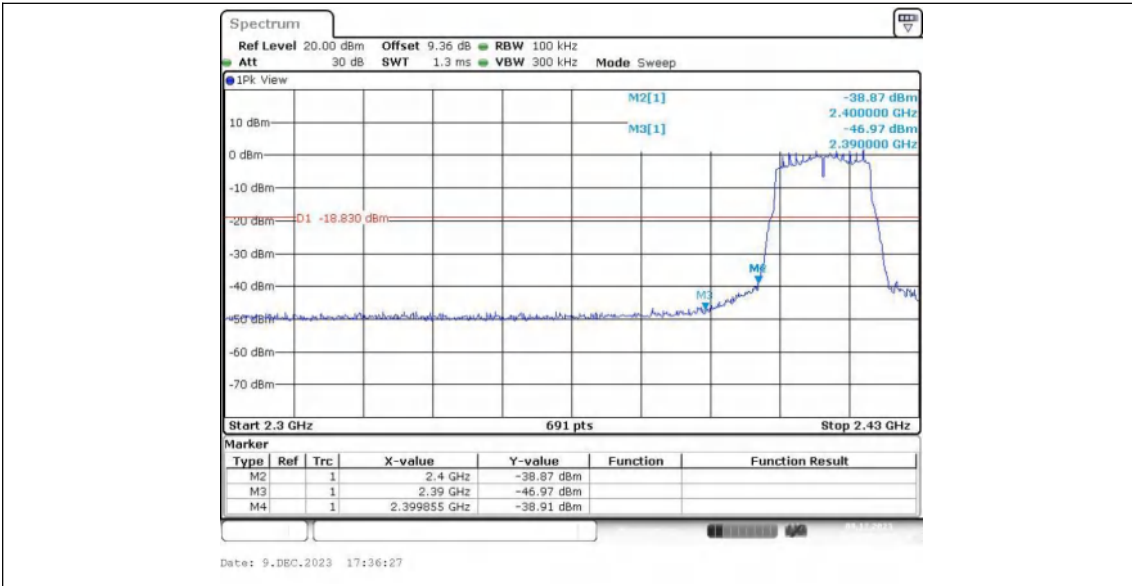
11G_Ant1_High_2462



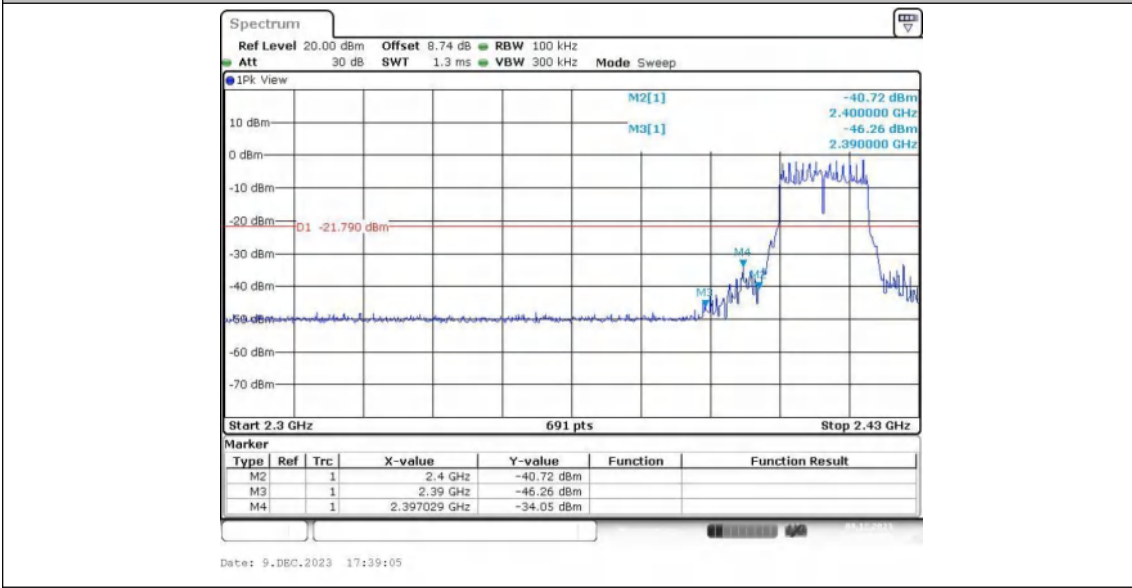
11G_Ant2_High_2462



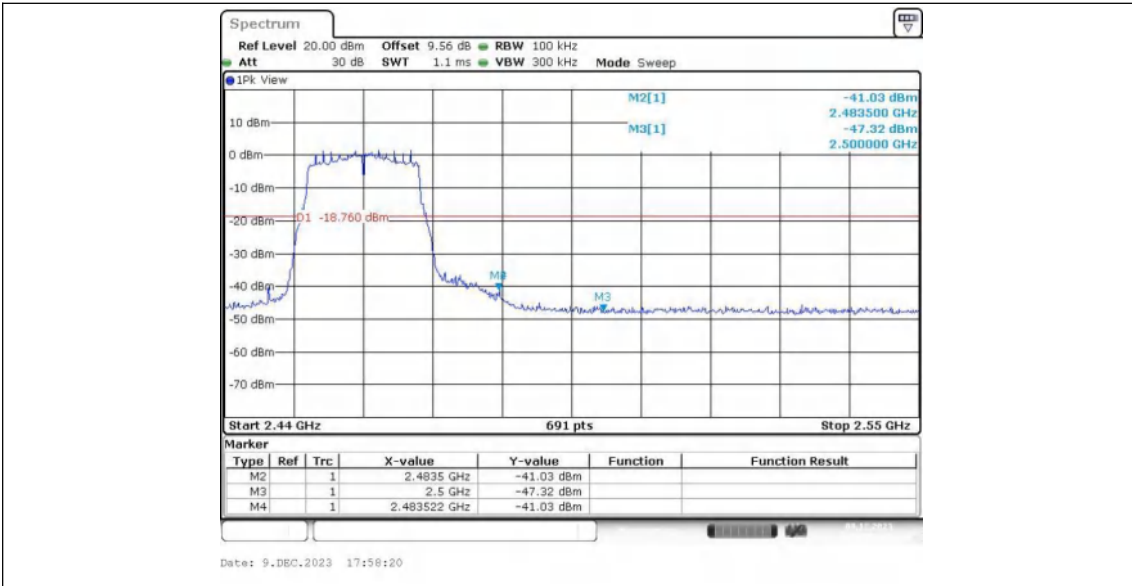
11N20MIMO_Ant1_Low_2412



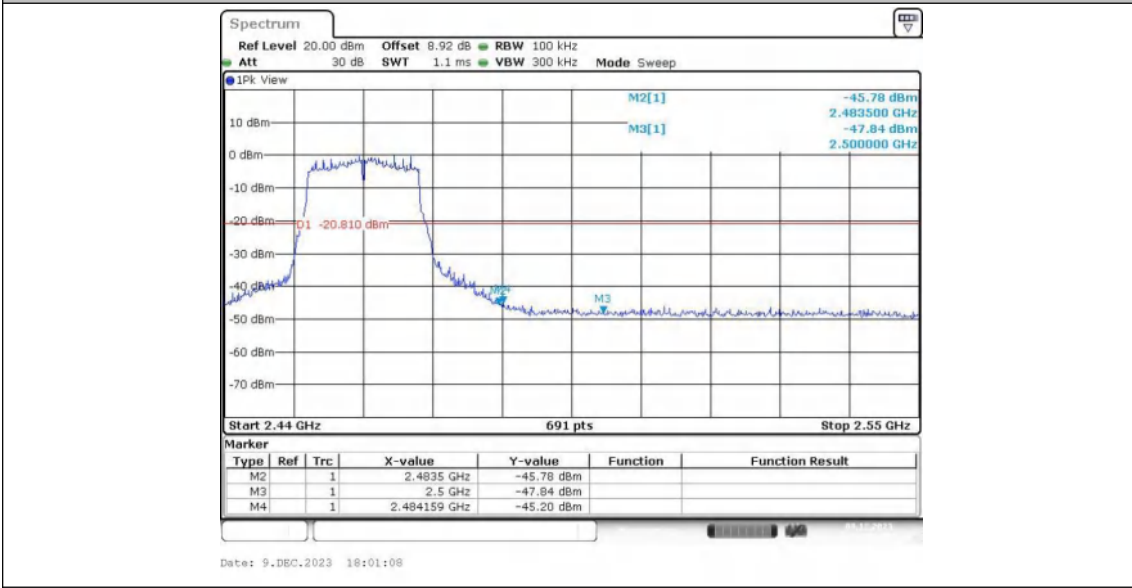
11N20MIMO_Ant2_Low_2412



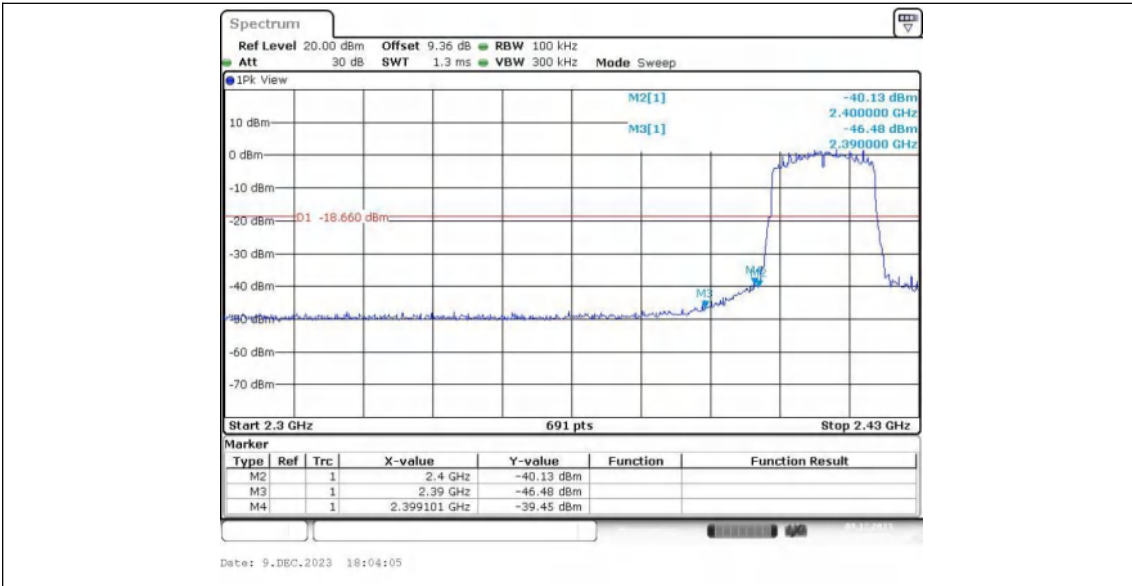
11N20MIMO_Ant1_High_2462



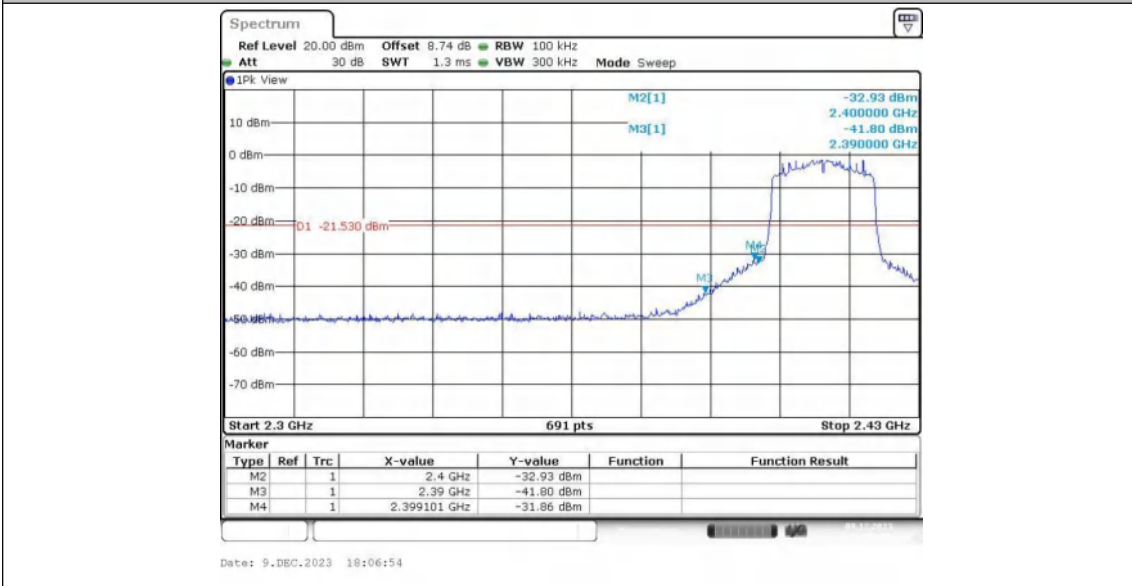
11N20MIMO_Ant2_High_2462



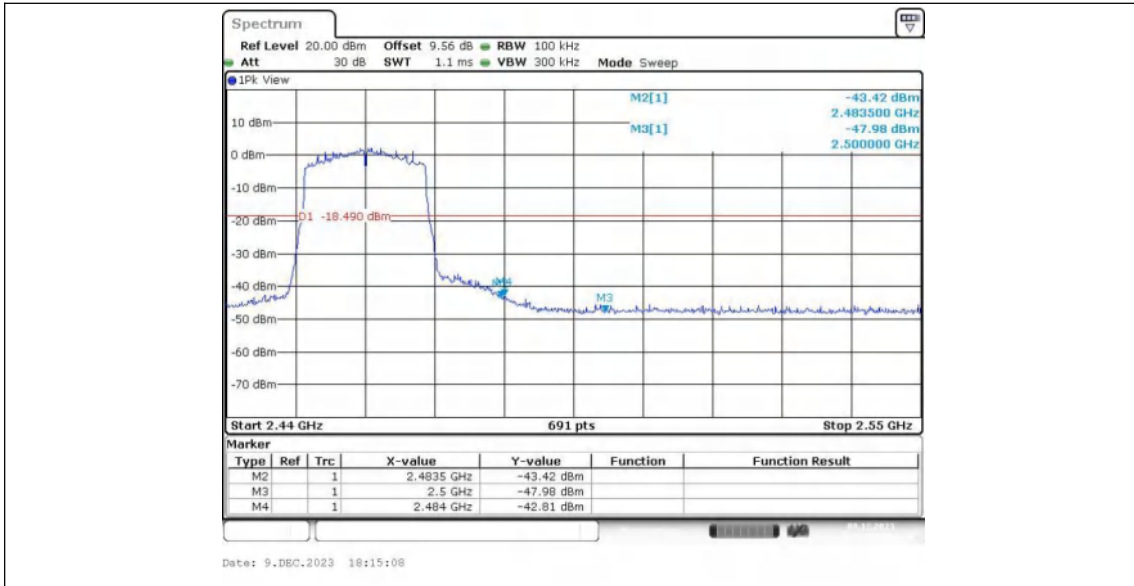
11AX20MIMO_Ant1_Low_2412



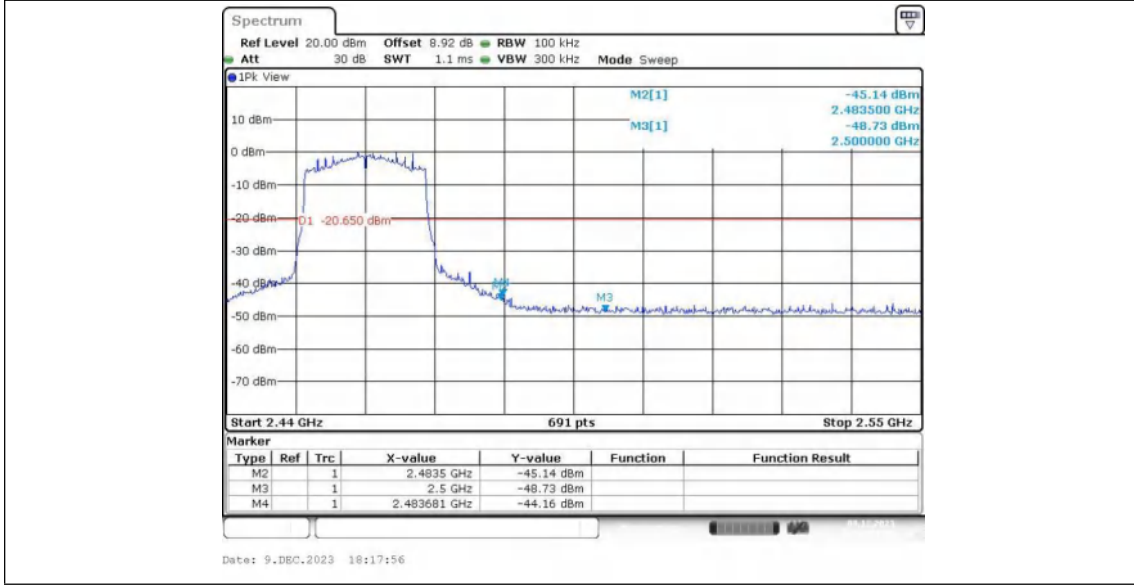
11AX20MIMO_Ant2_Low_2412



11AX20MIMO_Ant1_High_2462



11AX20MIMO_Ant2_High_2462





Appendix G: Conducted Spurious Emission

Test Result

| TestMode | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 11B | Ant1 | 2412 | 30~1000 | 9.30 | -58.87 | ≤-10.7 | PASS |
| | | | 1000~26500 | 9.30 | -46.75 | ≤-10.7 | PASS |
| | Ant2 | 2412 | 30~1000 | 6.75 | -50.6 | ≤-13.25 | PASS |
| | | | 1000~26500 | 6.75 | -48.29 | ≤-13.25 | PASS |
| | Ant1 | 2437 | 30~1000 | 9.75 | -57.32 | ≤-10.25 | PASS |
| | | | 1000~26500 | 9.75 | -47.06 | ≤-10.25 | PASS |
| | Ant2 | 2437 | 30~1000 | 7.21 | -54.01 | ≤-12.79 | PASS |
| | | | 1000~26500 | 7.21 | -47.12 | ≤-12.79 | PASS |
| | Ant1 | 2462 | 30~1000 | 9.65 | -58.25 | ≤-10.35 | PASS |
| | | | 1000~26500 | 9.65 | -46.93 | ≤-10.35 | PASS |
| | Ant2 | 2462 | 30~1000 | 7.38 | -59.07 | ≤-12.62 | PASS |
| | | | 1000~26500 | 7.38 | -47.24 | ≤-12.62 | PASS |
| 11G | Ant1 | 2412 | 30~1000 | 3.47 | -58.53 | ≤-16.53 | PASS |
| | | | 1000~26500 | 3.47 | -47.32 | ≤-16.53 | PASS |
| | Ant2 | 2412 | 30~1000 | 1.07 | -59.47 | ≤-18.93 | PASS |
| | | | 1000~26500 | 1.07 | -47.81 | ≤-18.93 | PASS |
| | Ant1 | 2437 | 30~1000 | 4.04 | -58.21 | ≤-15.96 | PASS |
| | | | 1000~26500 | 4.04 | -46.4 | ≤-15.96 | PASS |
| | Ant2 | 2437 | 30~1000 | 1.83 | -59.49 | ≤-18.17 | PASS |
| | | | 1000~26500 | 1.83 | -48.04 | ≤-18.17 | PASS |
| | Ant1 | 2462 | 30~1000 | 3.69 | -57.8 | ≤-16.31 | PASS |
| | | | 1000~26500 | 3.69 | -47.33 | ≤-16.31 | PASS |
| | Ant2 | 2462 | 30~1000 | 1.95 | -59.04 | ≤-18.05 | PASS |
| | | | 1000~26500 | 1.95 | -47.87 | ≤-18.05 | PASS |
| 11N20MIMO | Ant1 | 2412 | 30~1000 | 1.17 | -58.54 | ≤-18.83 | PASS |
| | | | 1000~26500 | 1.17 | -47.22 | ≤-18.83 | PASS |
| | Ant2 | 2412 | 30~1000 | -1.79 | -46.96 | ≤-21.79 | PASS |
| | | | 1000~26500 | -1.79 | -47.75 | ≤-21.79 | PASS |
| | Ant1 | 2437 | 30~1000 | 1.23 | -58.64 | ≤-18.77 | PASS |
| | | | 1000~26500 | 1.23 | -46.1 | ≤-18.77 | PASS |
| | Ant2 | 2437 | 30~1000 | -1.49 | -43.56 | ≤-21.49 | PASS |
| | | | 1000~26500 | -1.49 | -47.96 | ≤-21.49 | PASS |
| | Ant1 | 2462 | 30~1000 | 1.24 | -58.4 | ≤-18.76 | PASS |
| | | | 1000~26500 | 1.24 | -45.94 | ≤-18.76 | PASS |

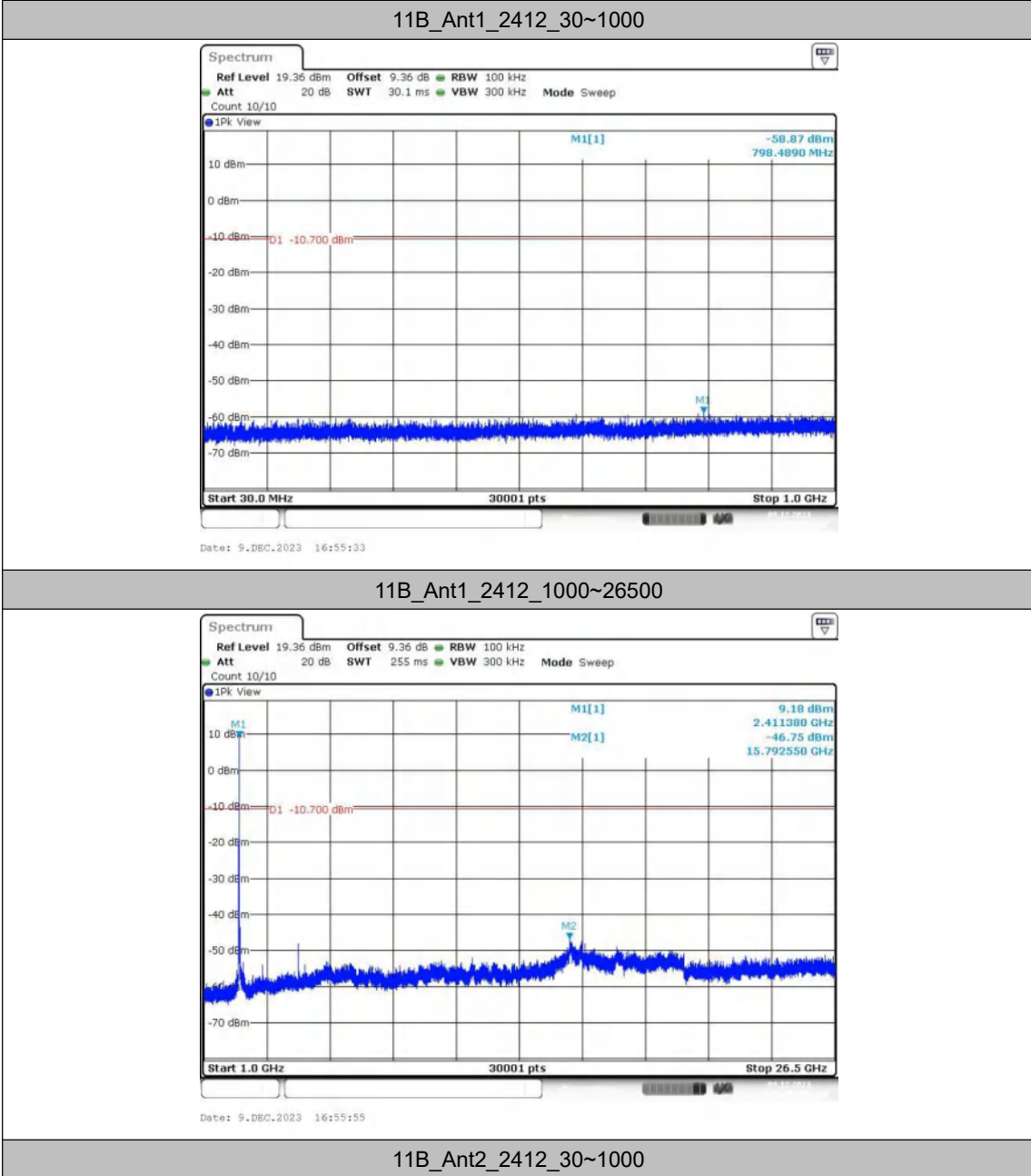


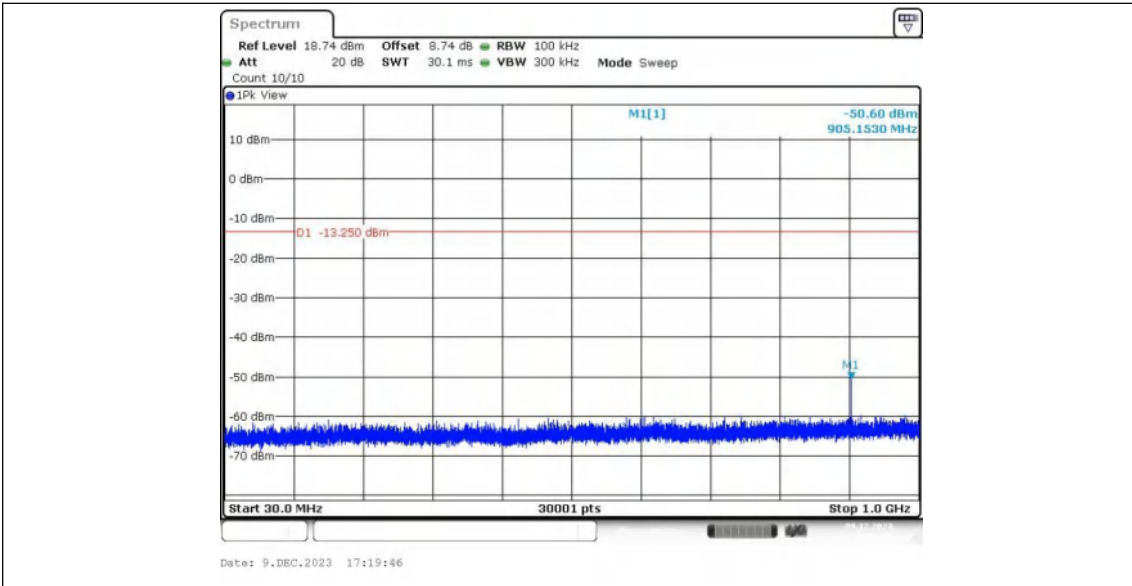
| | | | | | | | |
|------------|------|------|------------|-------|--------|---------|------|
| | Ant2 | 2462 | 30~1000 | -0.81 | -58.79 | ≤-20.81 | PASS |
| | | | 1000~26500 | -0.81 | -46.64 | ≤-20.81 | PASS |
| 11AX20MIMO | Ant1 | 2412 | 30~1000 | 1.34 | -58.55 | ≤-18.66 | PASS |
| | | | 1000~26500 | 1.34 | -47.19 | ≤-18.66 | PASS |
| | Ant2 | 2412 | 30~1000 | -1.53 | -56.51 | ≤-21.53 | PASS |
| | | | 1000~26500 | -1.53 | -47.98 | ≤-21.53 | PASS |
| | Ant1 | 2437 | 30~1000 | 1.78 | -58.19 | ≤-18.22 | PASS |
| | | | 1000~26500 | 1.78 | -46.95 | ≤-18.22 | PASS |
| | Ant2 | 2437 | 30~1000 | -1.45 | -58.21 | ≤-21.45 | PASS |
| | | | 1000~26500 | -1.45 | -47.49 | ≤-21.45 | PASS |
| | Ant1 | 2462 | 30~1000 | 1.51 | -58.82 | ≤-18.49 | PASS |
| | | | 1000~26500 | 1.51 | -46.78 | ≤-18.49 | PASS |
| | Ant2 | 2462 | 30~1000 | -0.65 | -58.32 | ≤-20.65 | PASS |
| | | | 1000~26500 | -0.65 | -47.5 | ≤-20.65 | PASS |

The test margin is greater than 3db and MIMO mode does not need to be evaluated

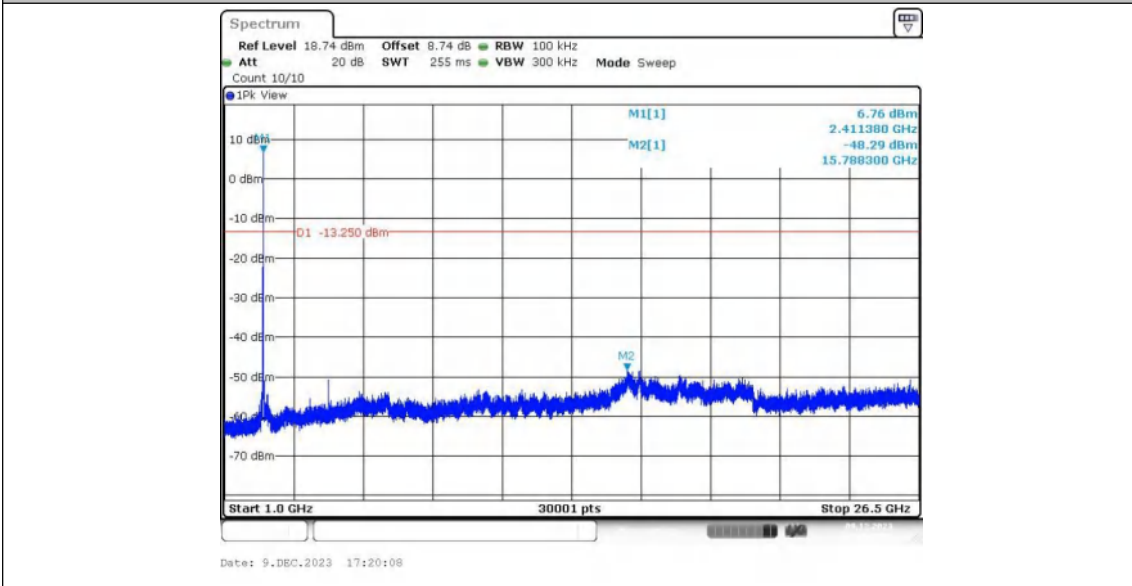


Test Graphs

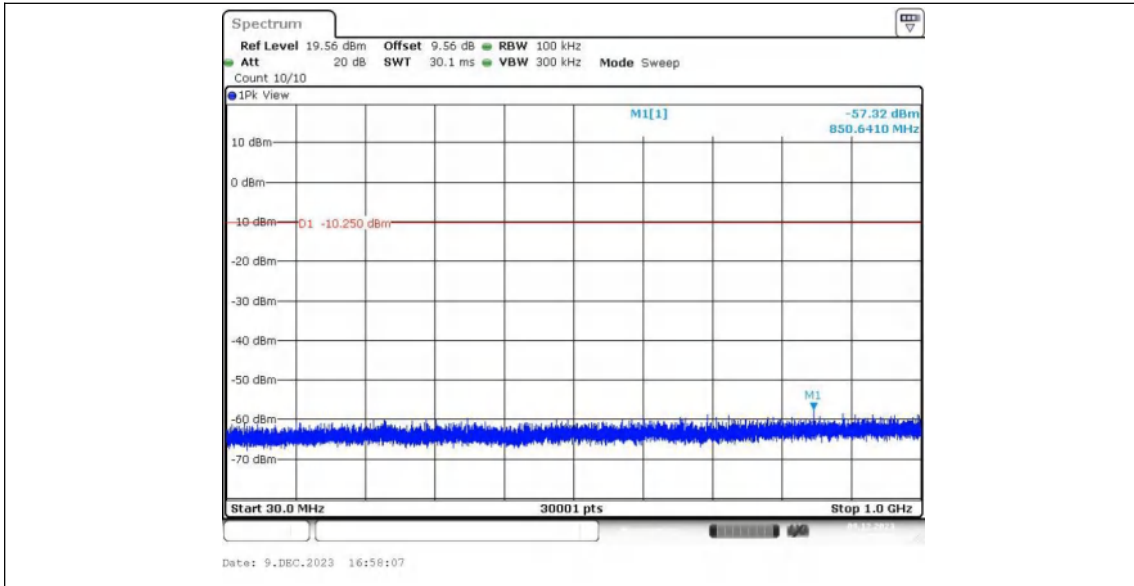




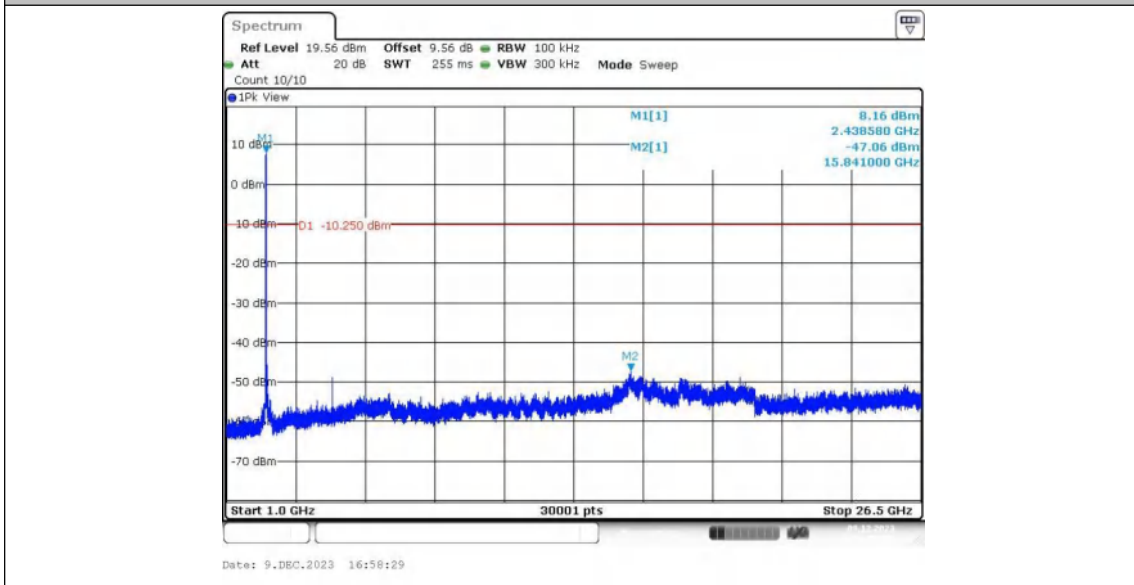
11B_Ant2_2412_1000~26500



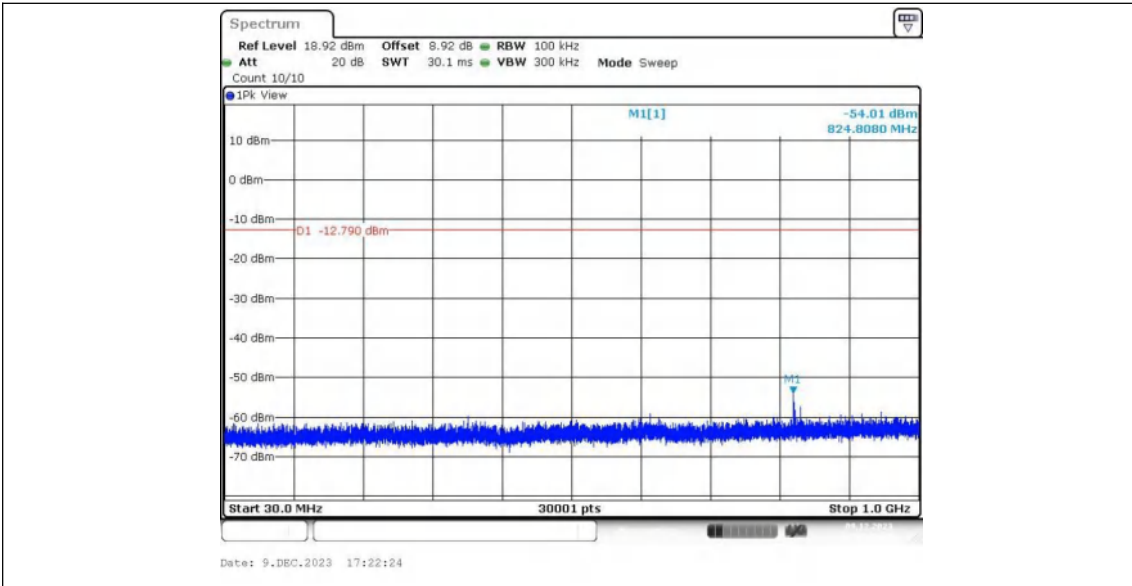
11B_Ant1_2437_30~1000



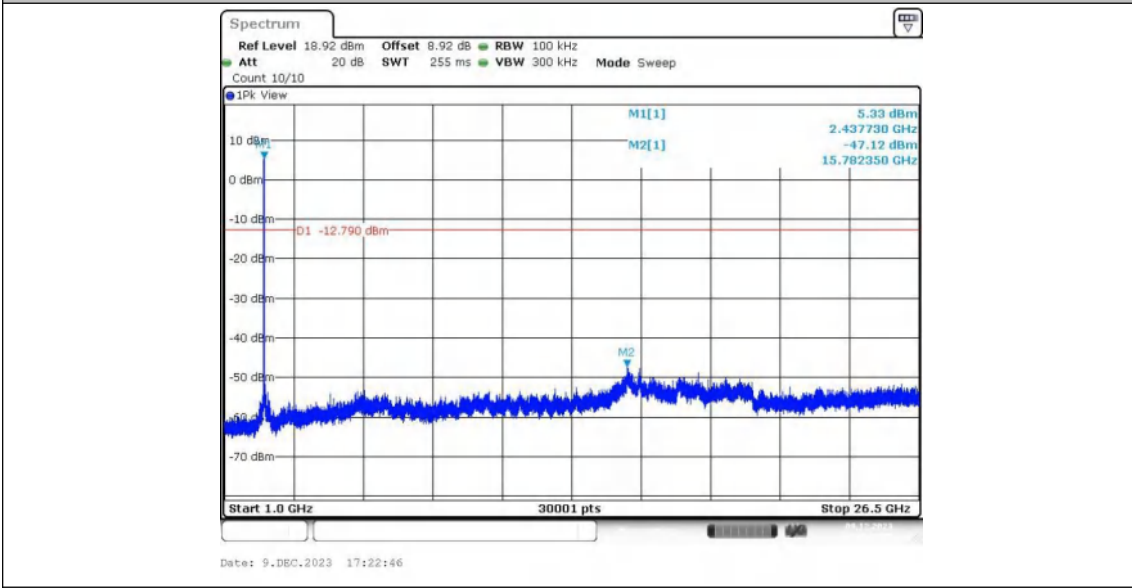
11B_Ant1_2437_1000~26500



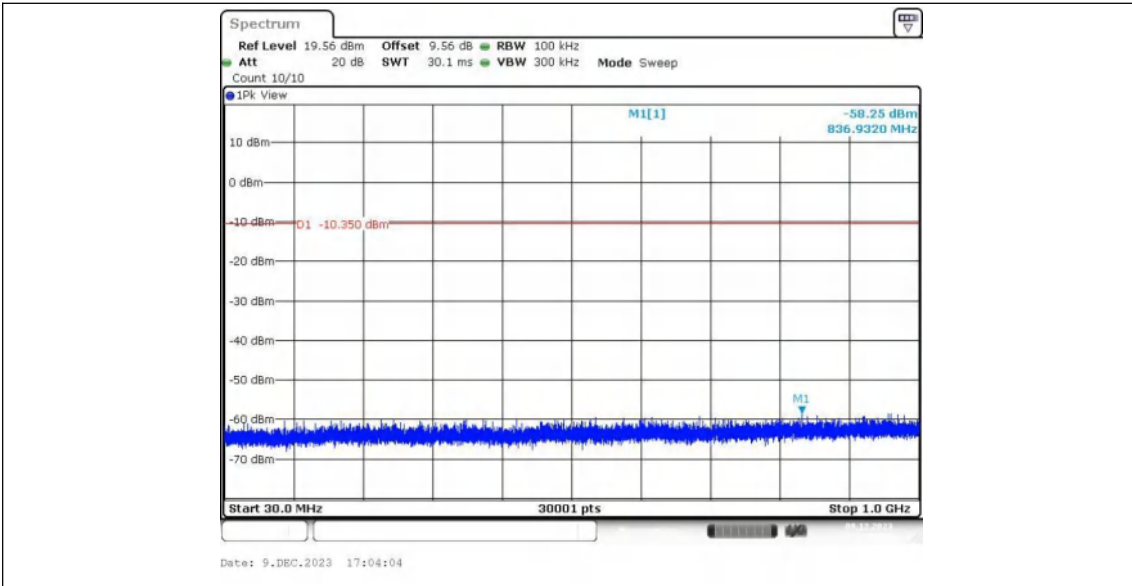
11B_Ant2_2437_30~1000



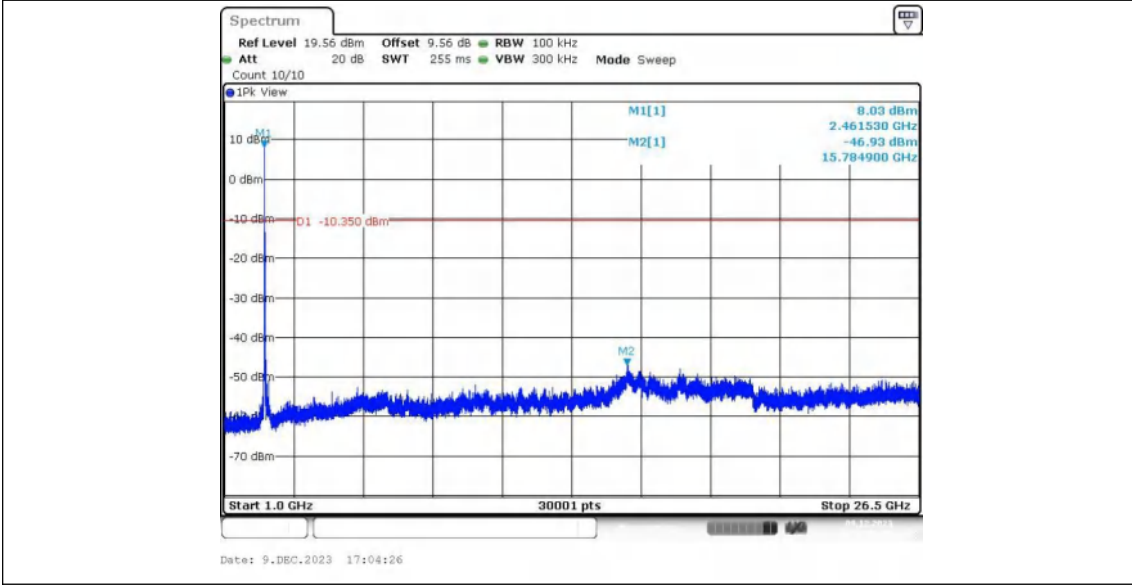
11B_Ant2_2437_1000~26500



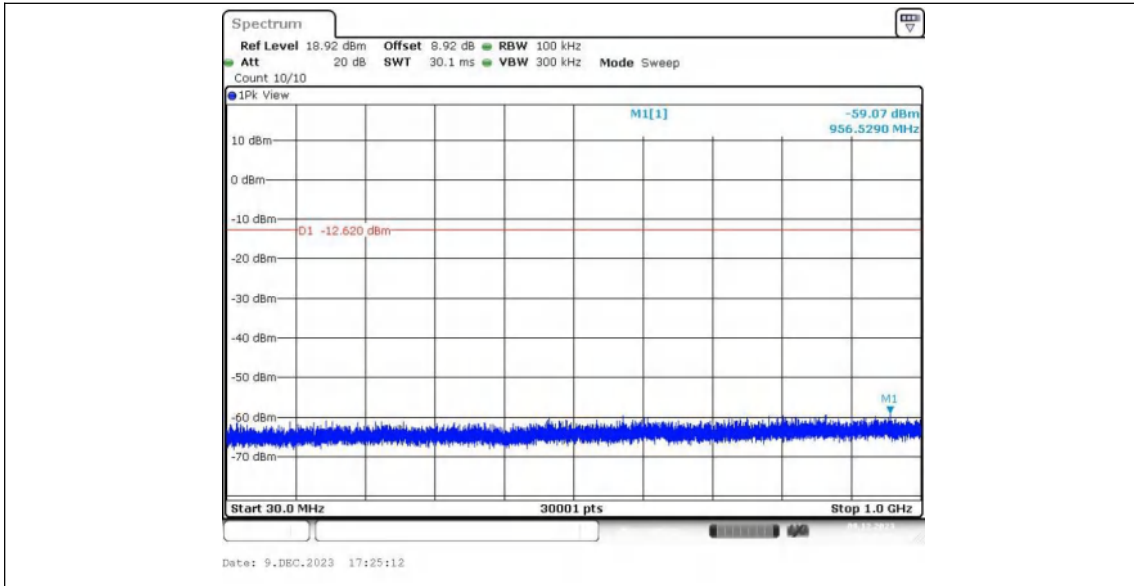
11B_Ant1_2462_30~1000



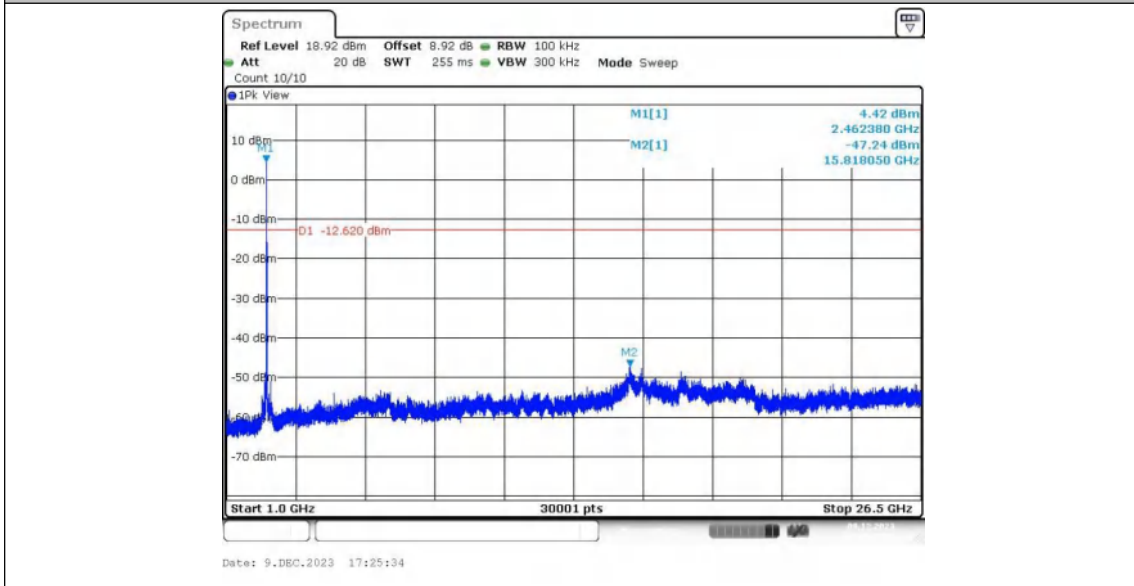
11B_Ant1_2462_1000~26500



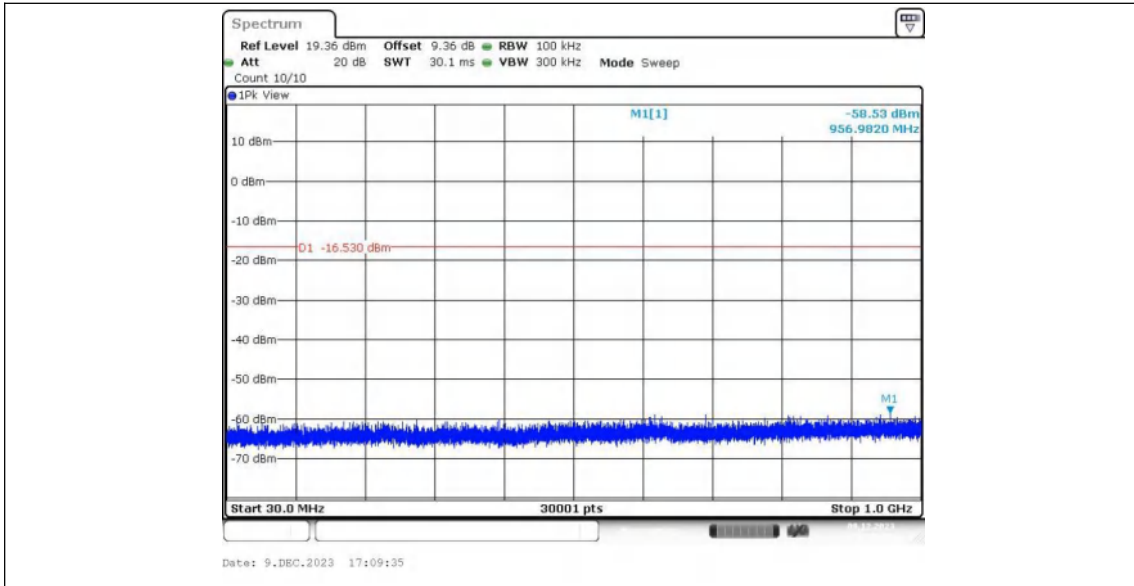
11B_Ant2_2462_30~1000



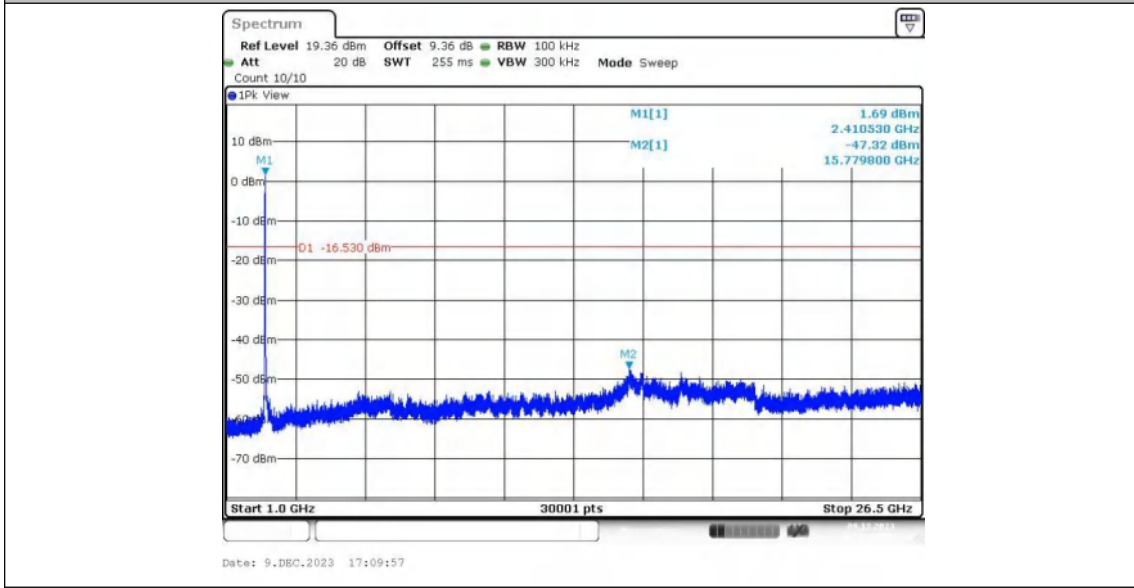
11B_Ant2_2462_1000~26500



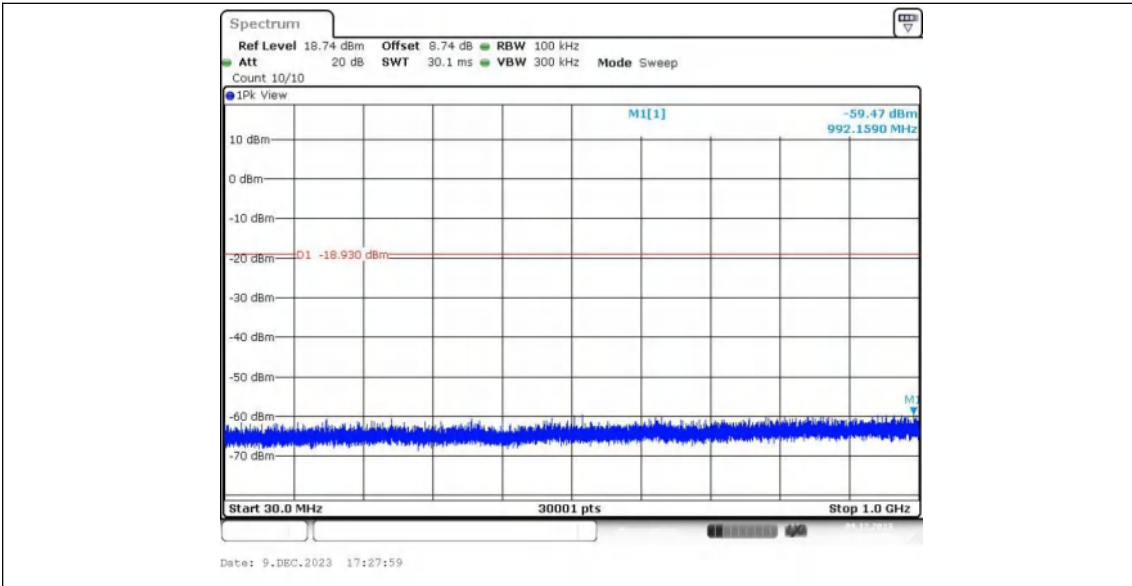
11G_Ant1_2412_30~1000



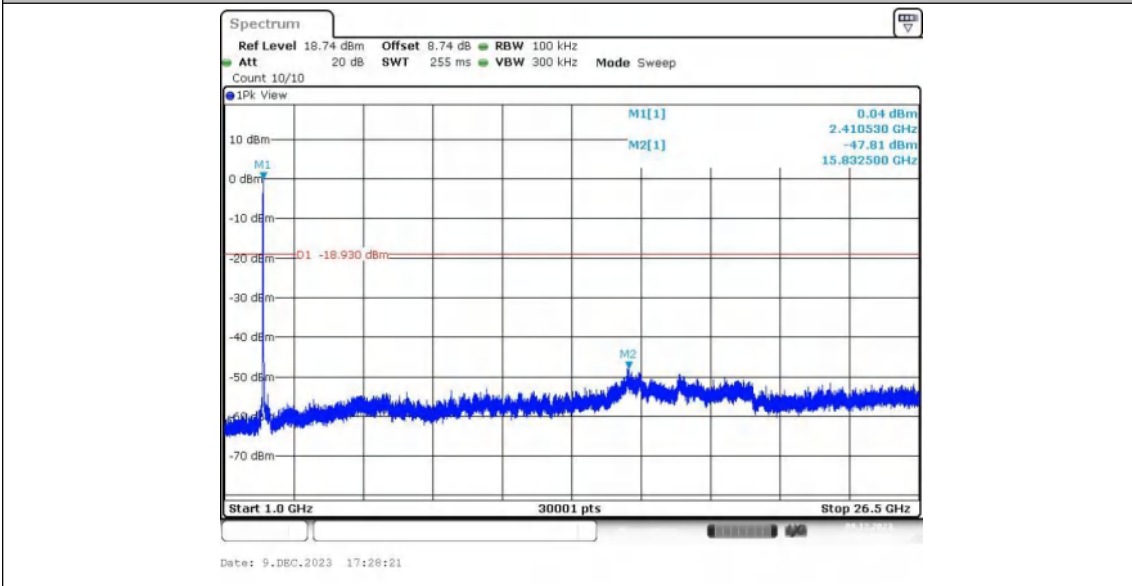
11G_Ant1_2412_1000~26500



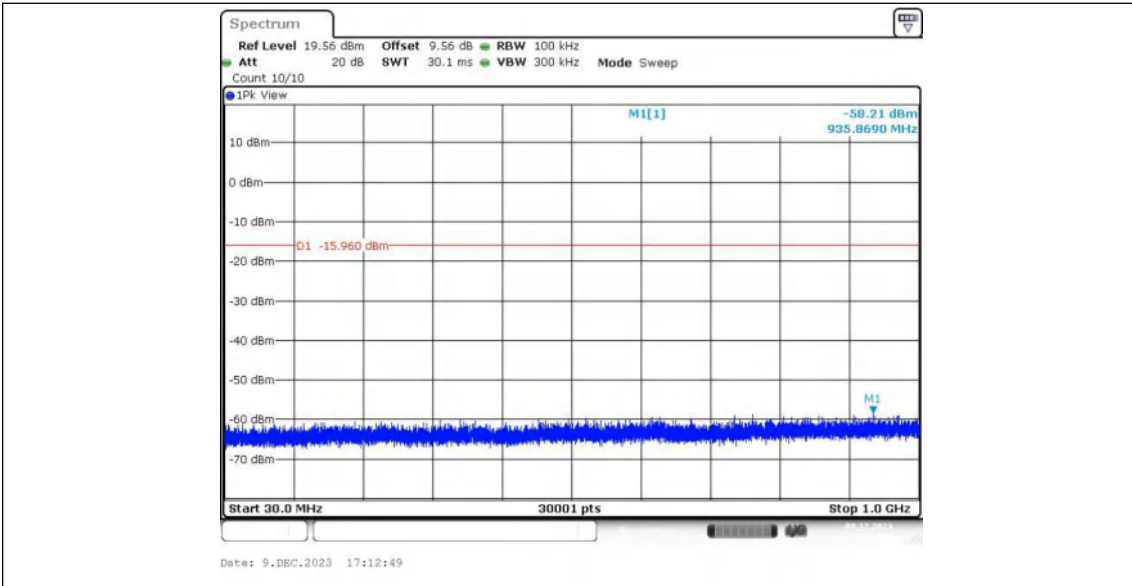
11G_Ant2_2412_30~1000



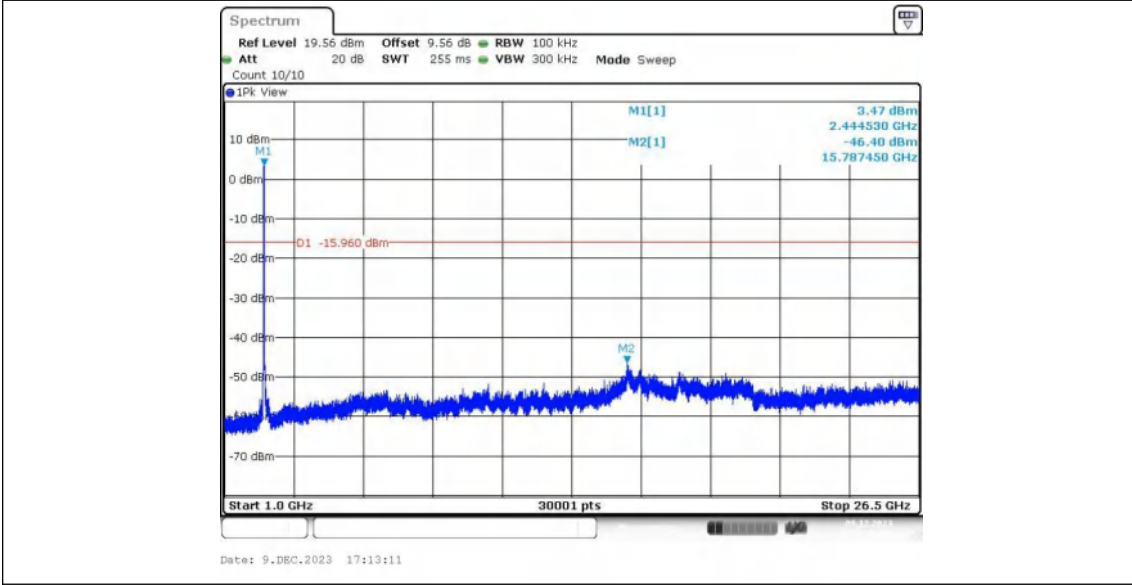
11G_Ant2_2412_1000~26500



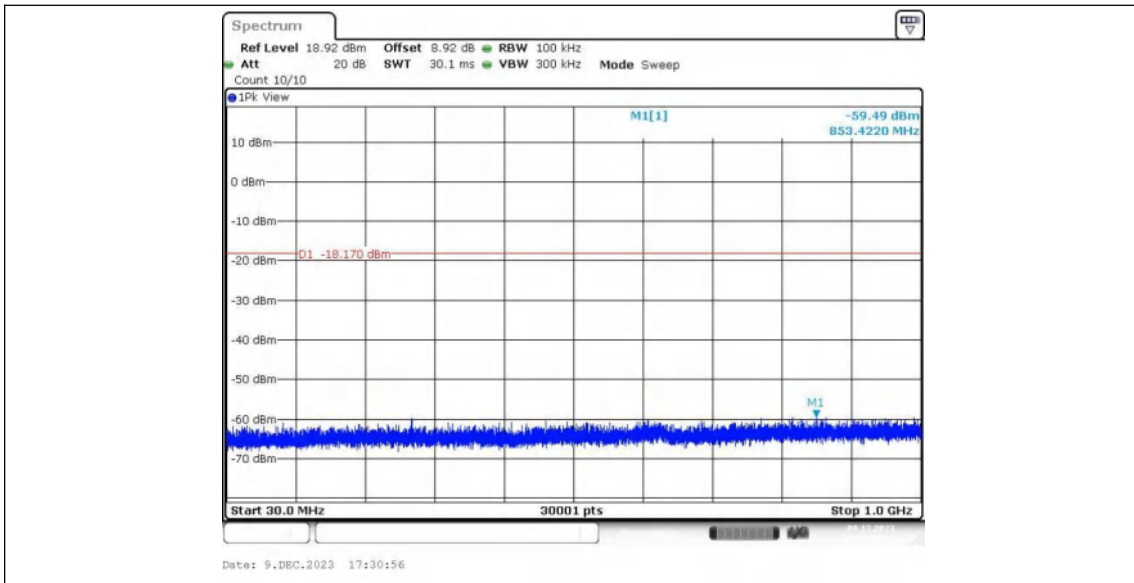
11G_Ant1_2437_30~1000



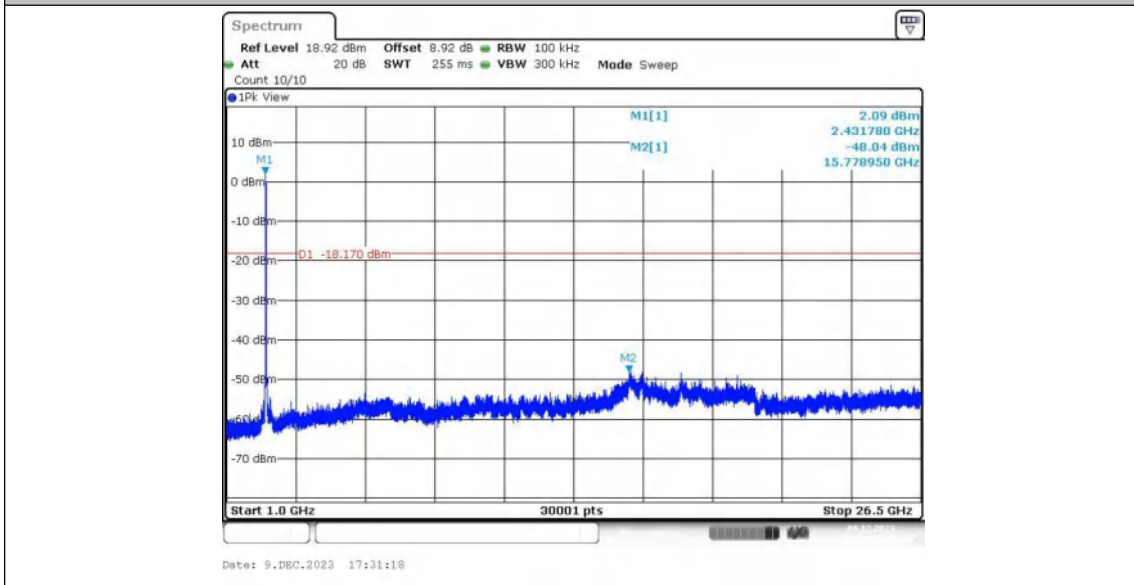
11G_Ant1_2437_1000~26500



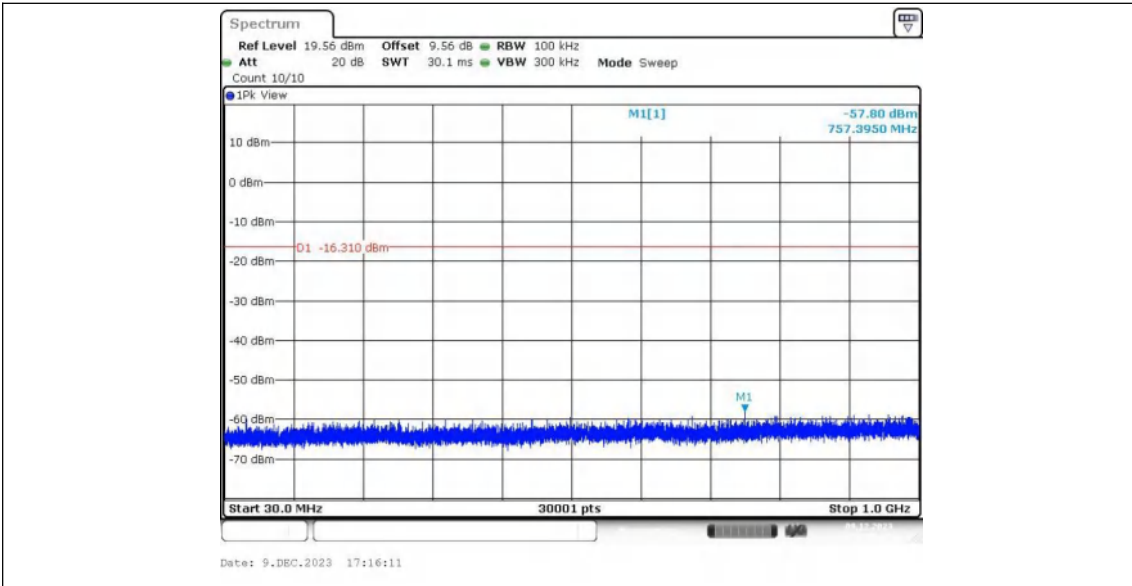
11G_Ant2_2437_30~1000



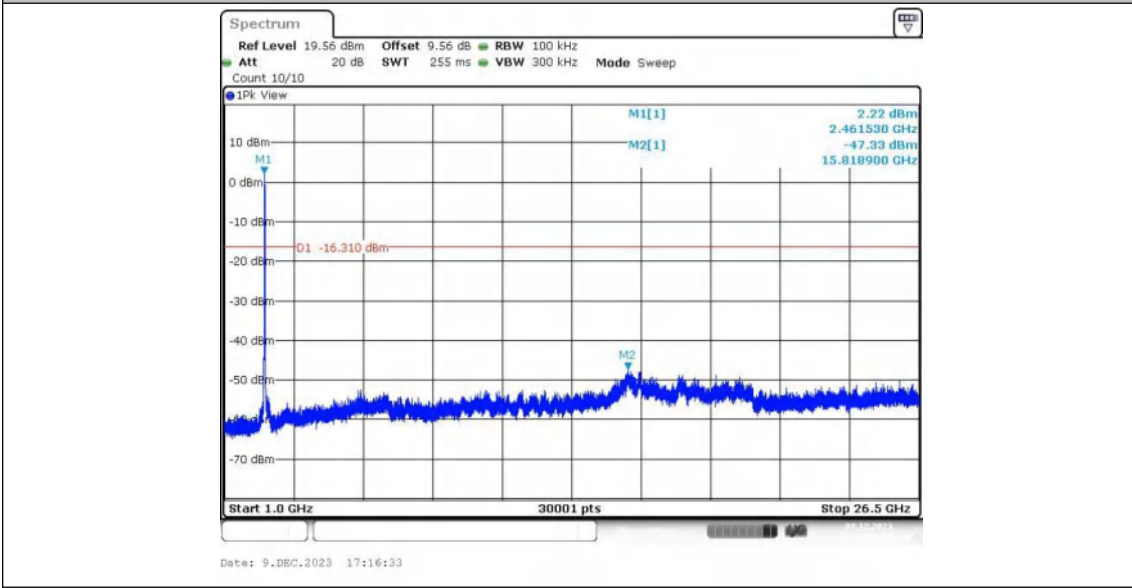
11G_Ant2_2437_1000~26500



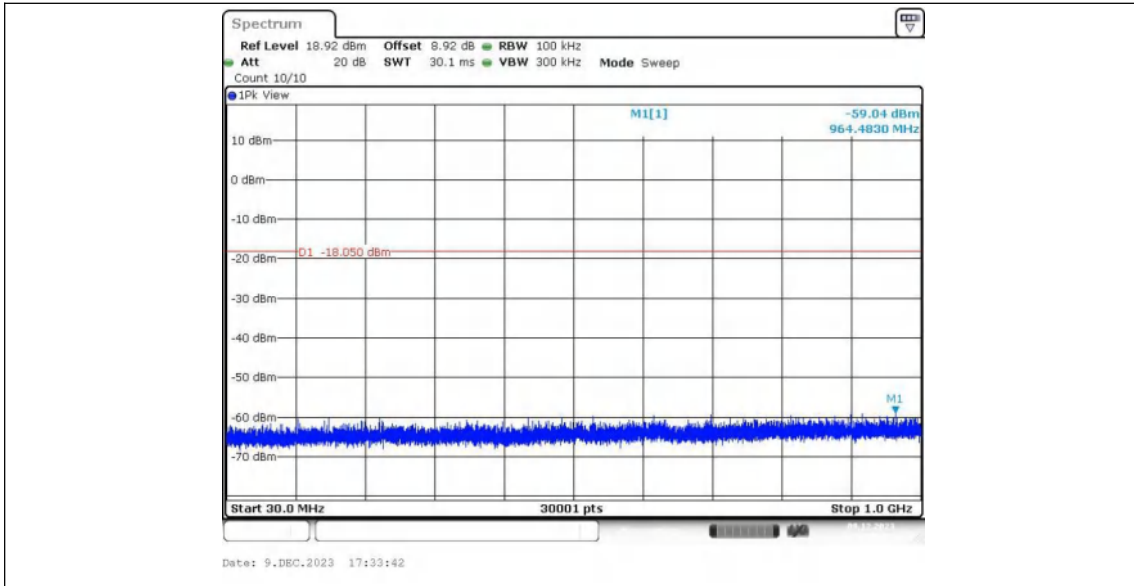
11G_Ant1_2462_30~1000



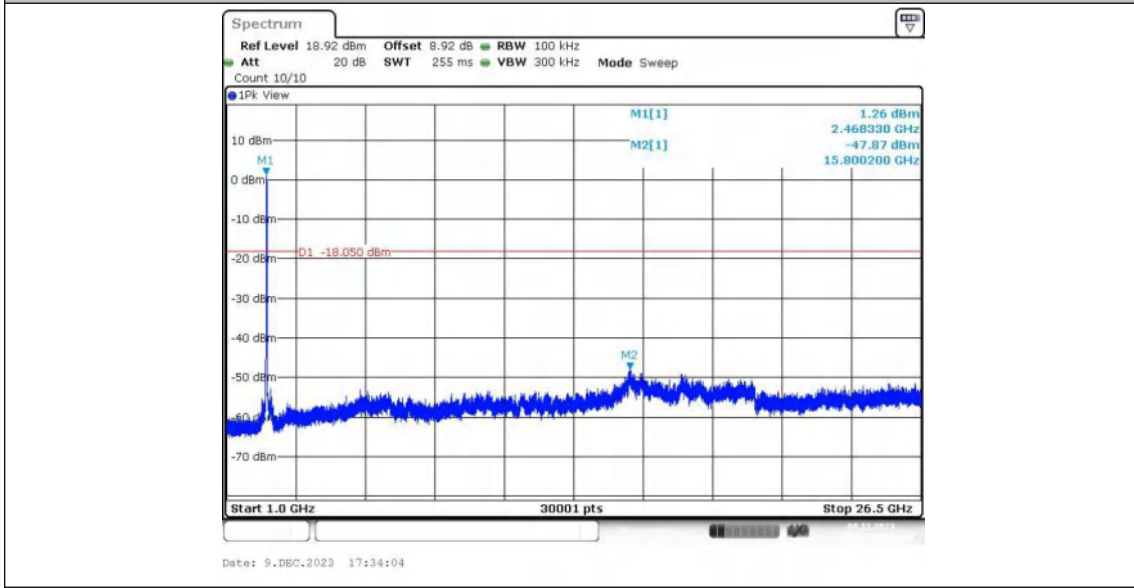
11G_Ant1_2462_1000~26500



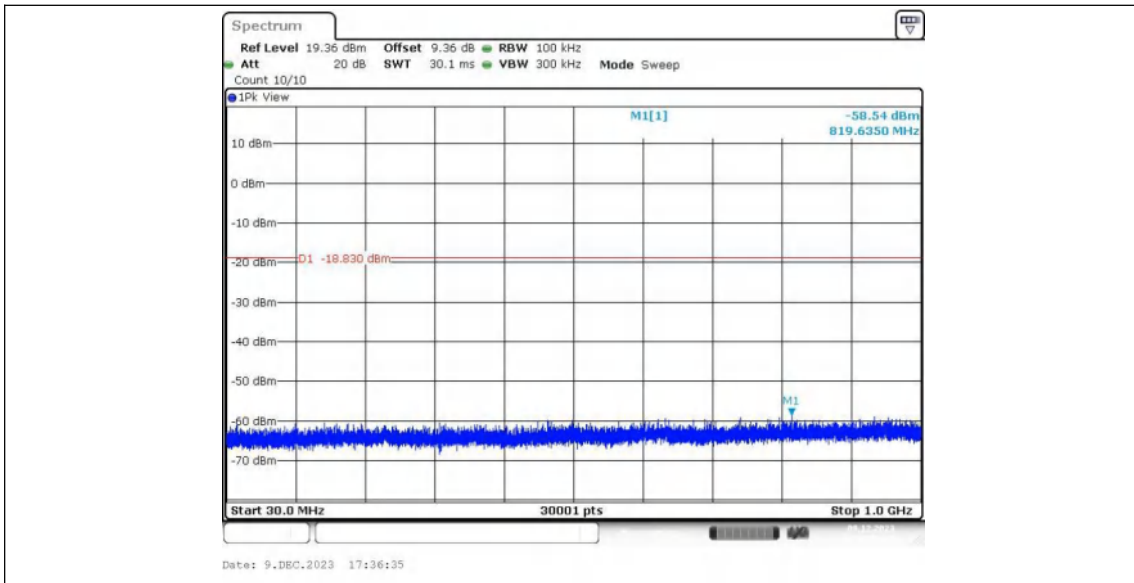
11G_Ant2_2462_30~1000



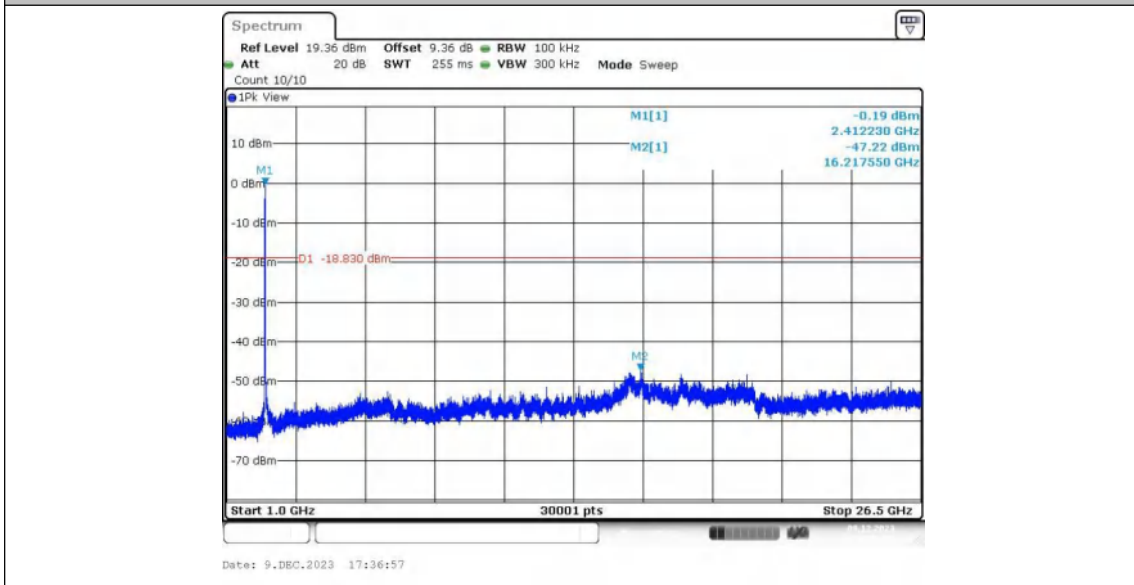
11G_Ant2_2462_1000~26500



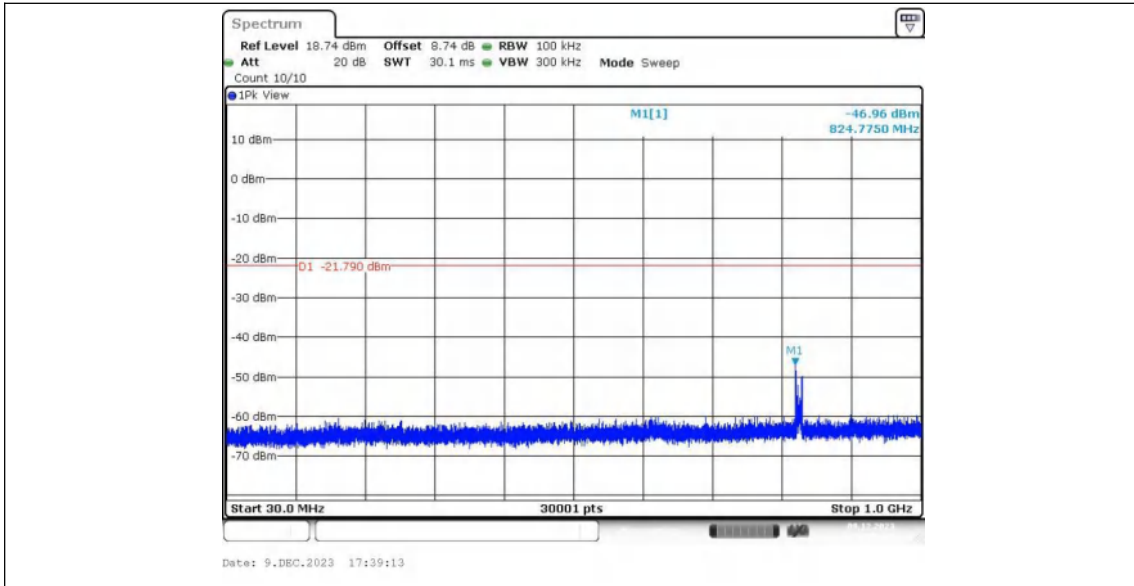
11N20MIMO_Ant1_2412_30~1000



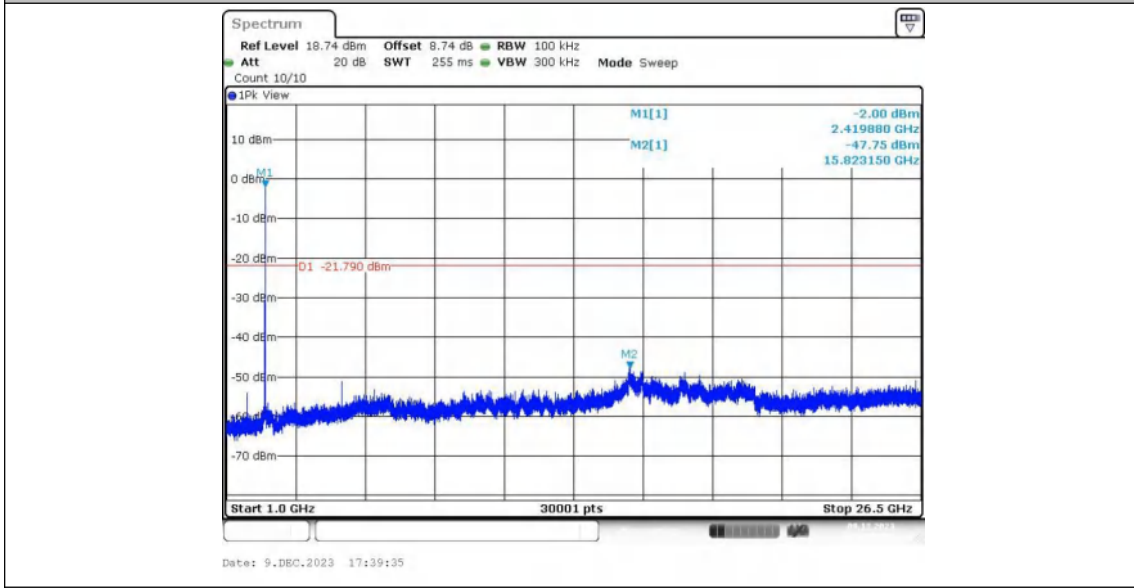
11N20MIMO_Ant1_2412_1000~26500



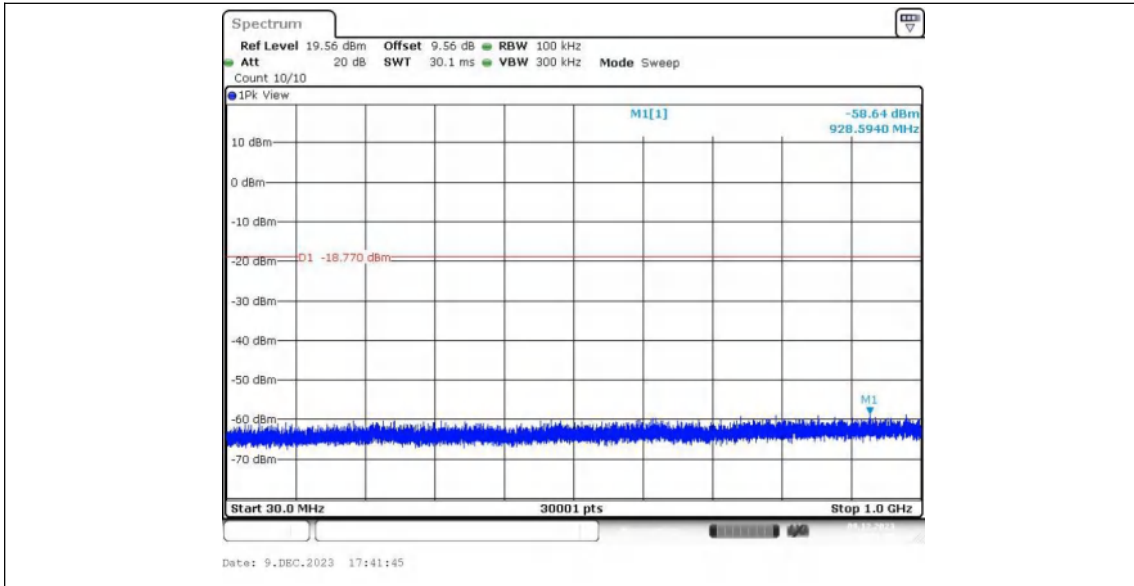
11N20MIMO_Ant2_2412_30~1000



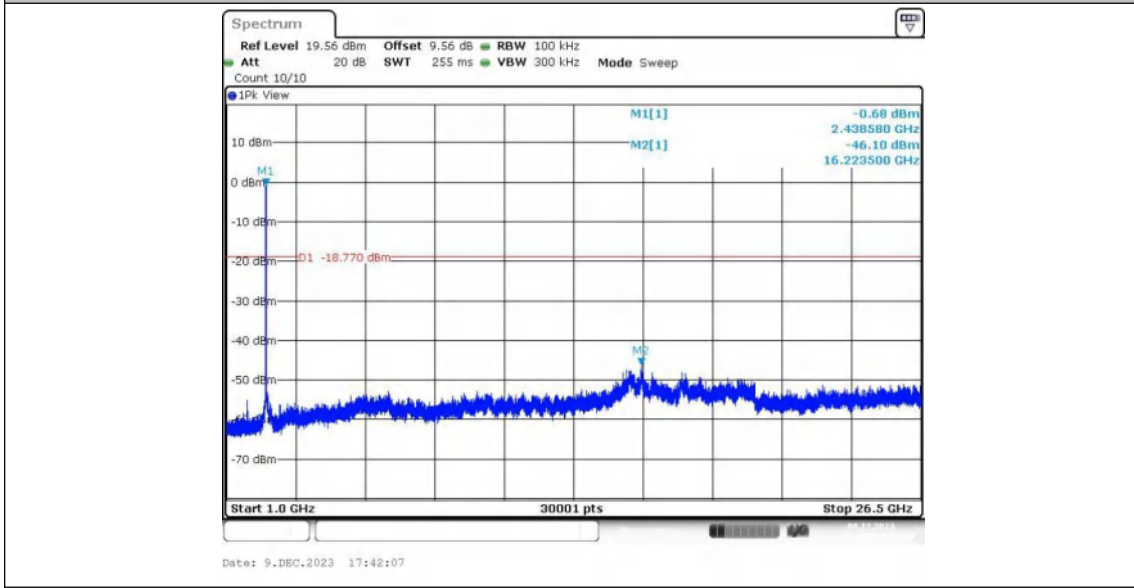
11N20MIMO_Ant2_2412_1000~26500



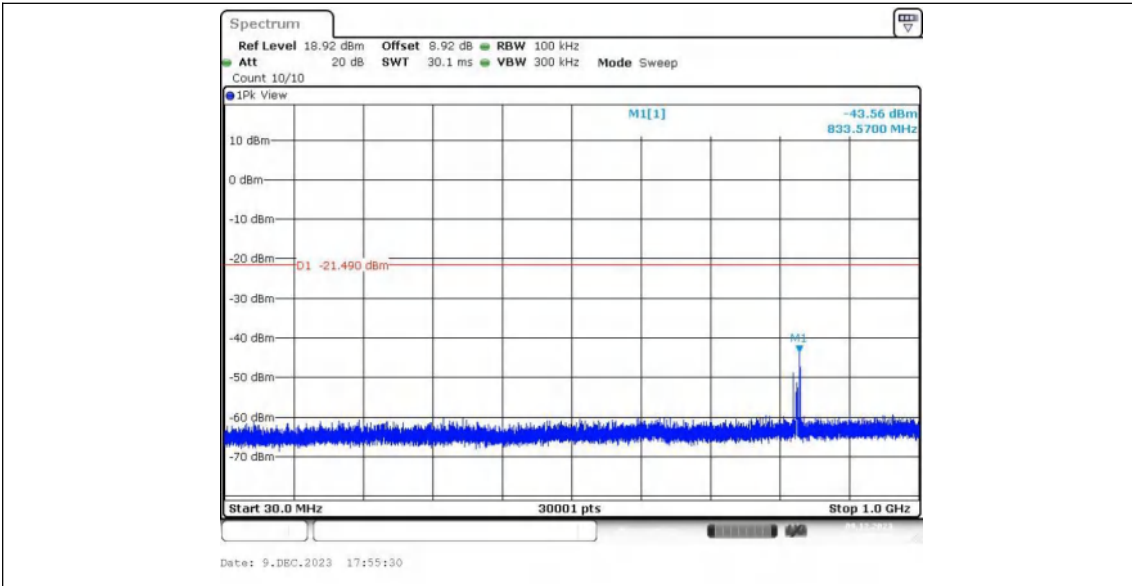
11N20MIMO_Ant1_2437_30~1000



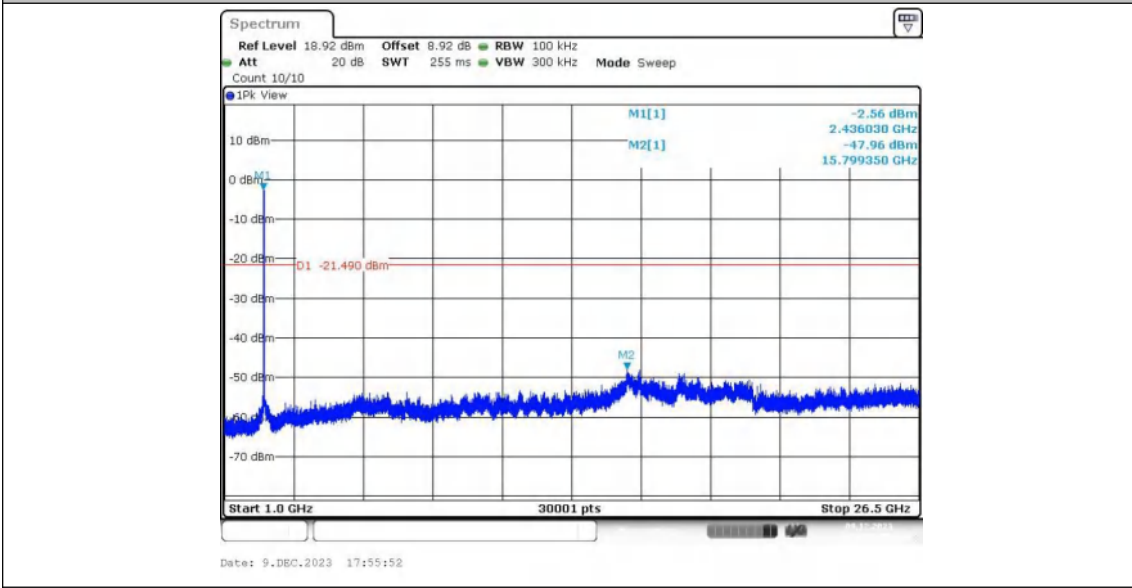
11N20MIMO_Ant1_2437_1000~26500



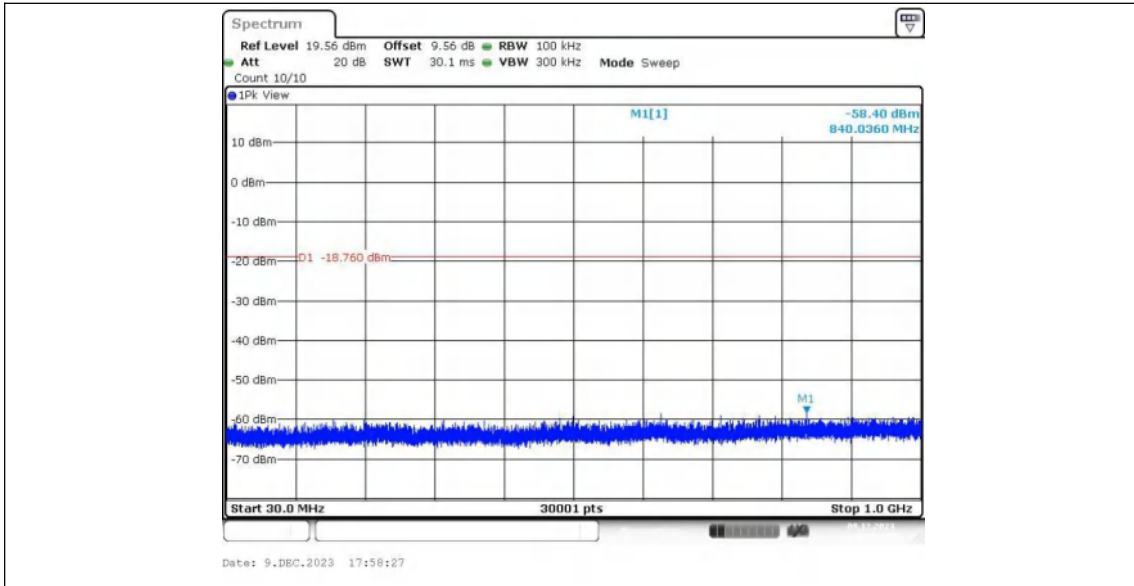
11N20MIMO_Ant2_2437_30~1000



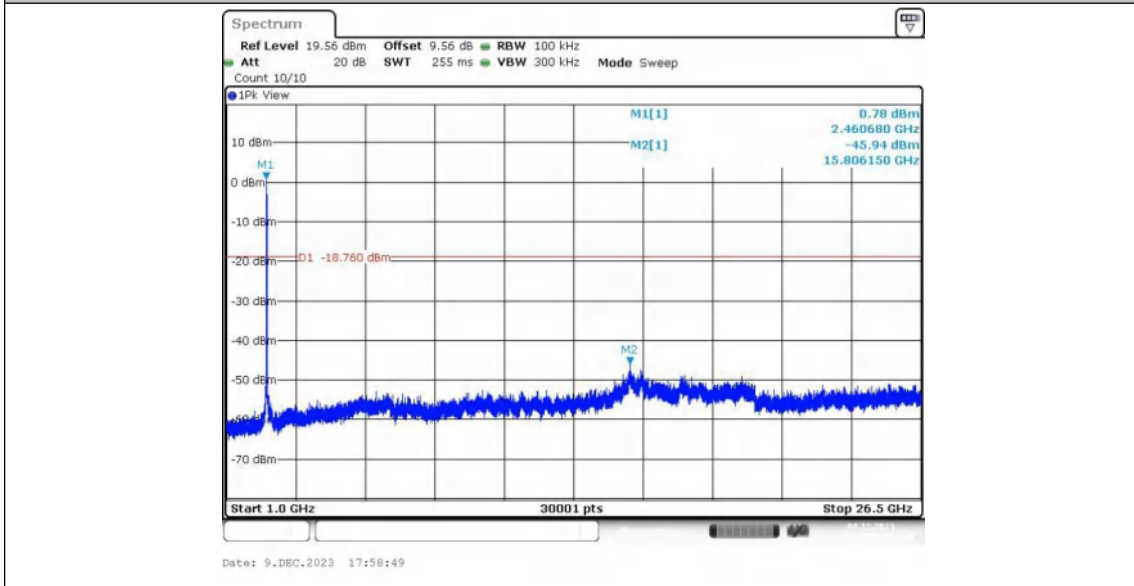
11N20MIMO_Ant2_2437_1000~26500



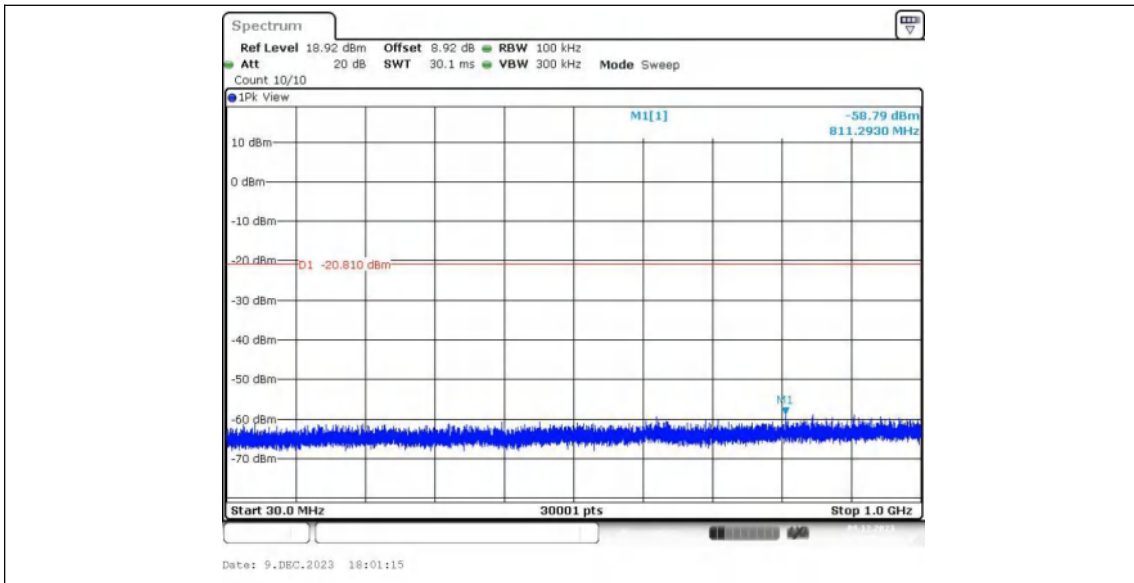
11N20MIMO_Ant1_2462_30~1000



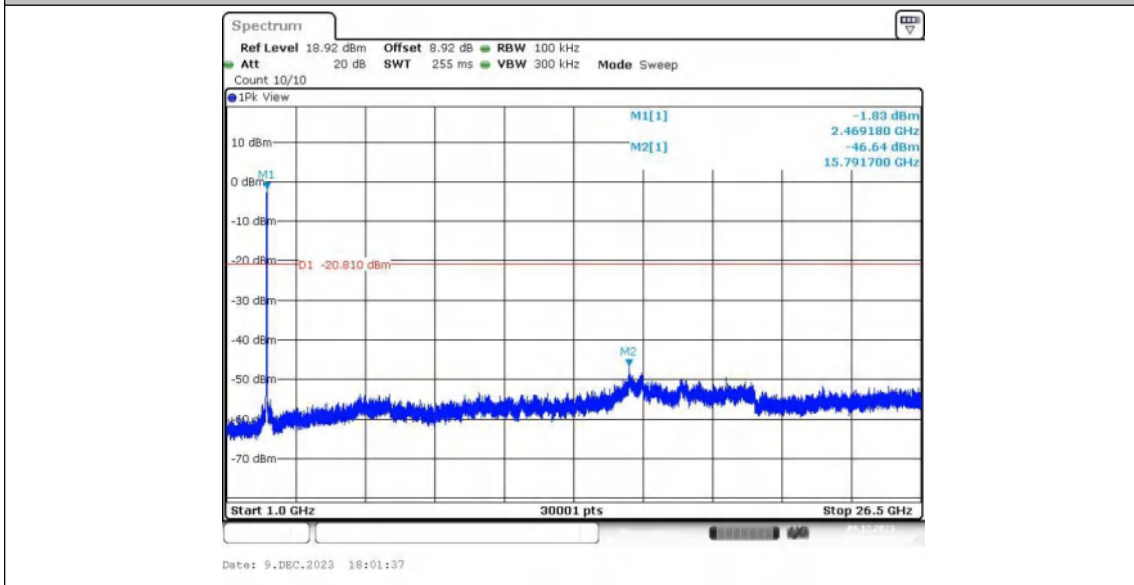
11N20MIMO_Ant1_2462_1000~26500



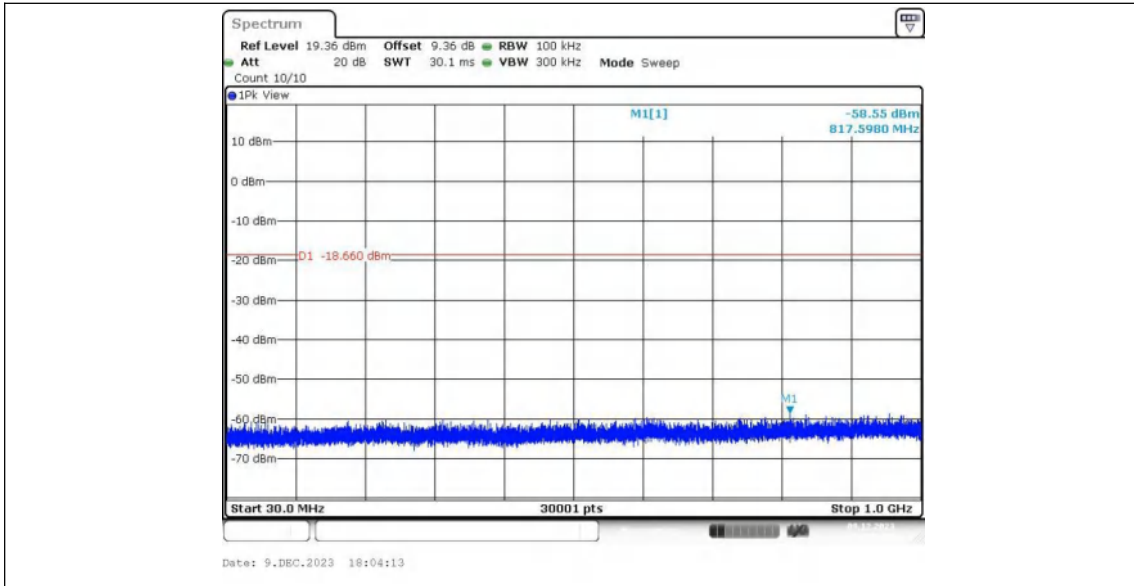
11N20MIMO_Ant2_2462_30~1000



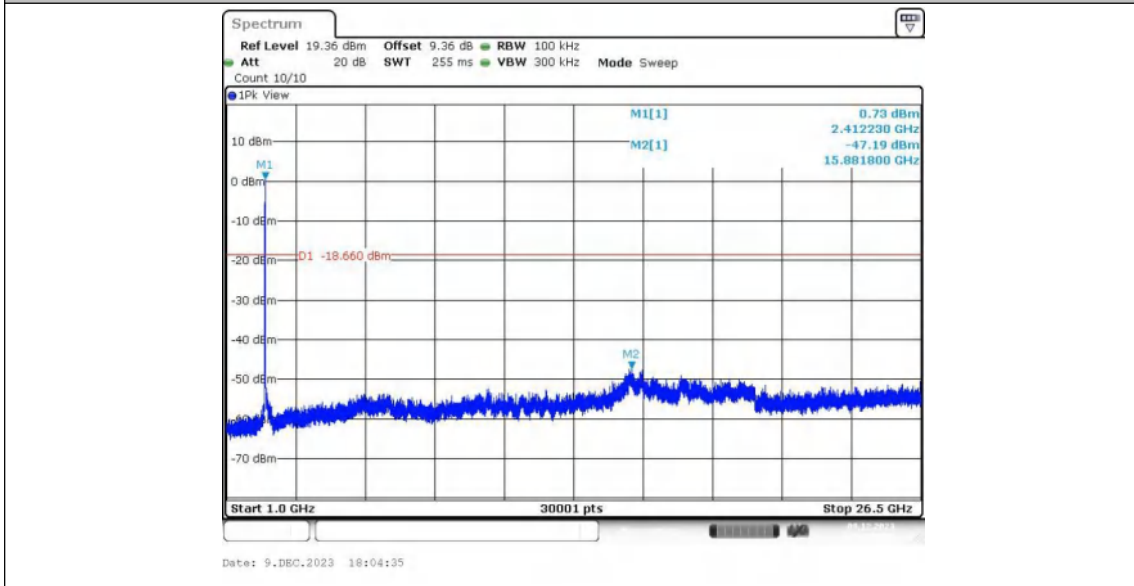
11N20MIMO_Ant2_2462_1000~26500



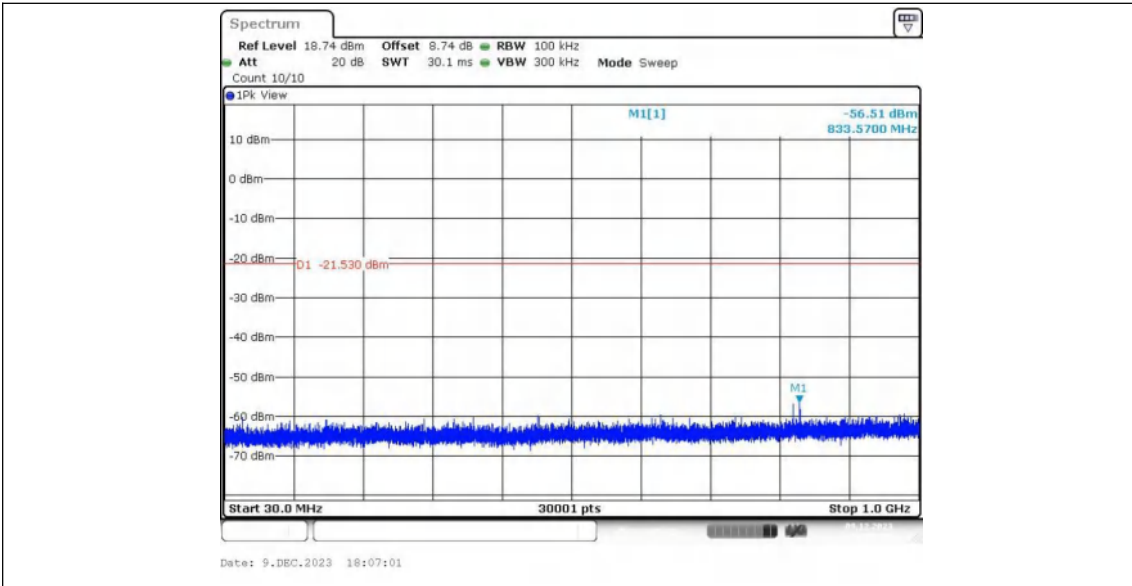
11AX20MIMO_Ant1_2412_30~1000



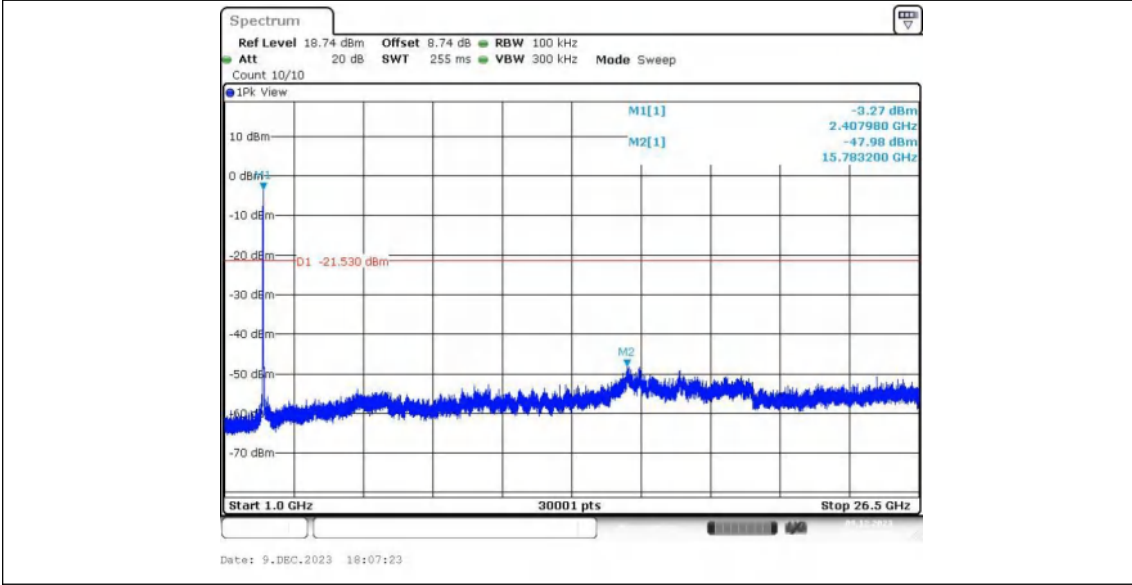
11AX20MIMO_Ant1_2412_1000~26500



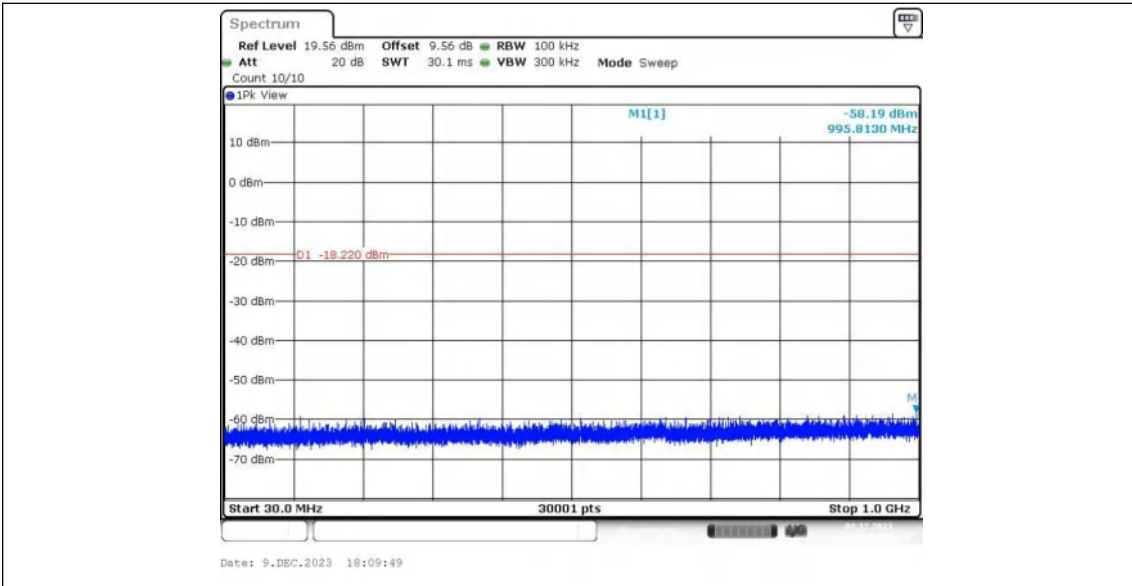
11AX20MIMO_Ant2_2412_30~1000



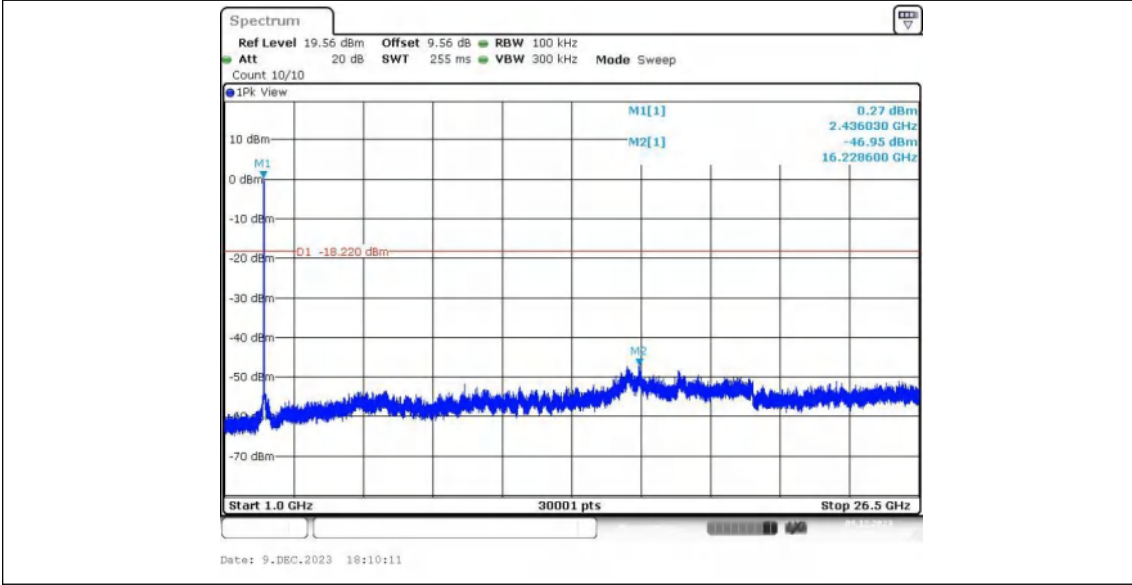
11AX20MIMO_Ant2_2412_1000~26500



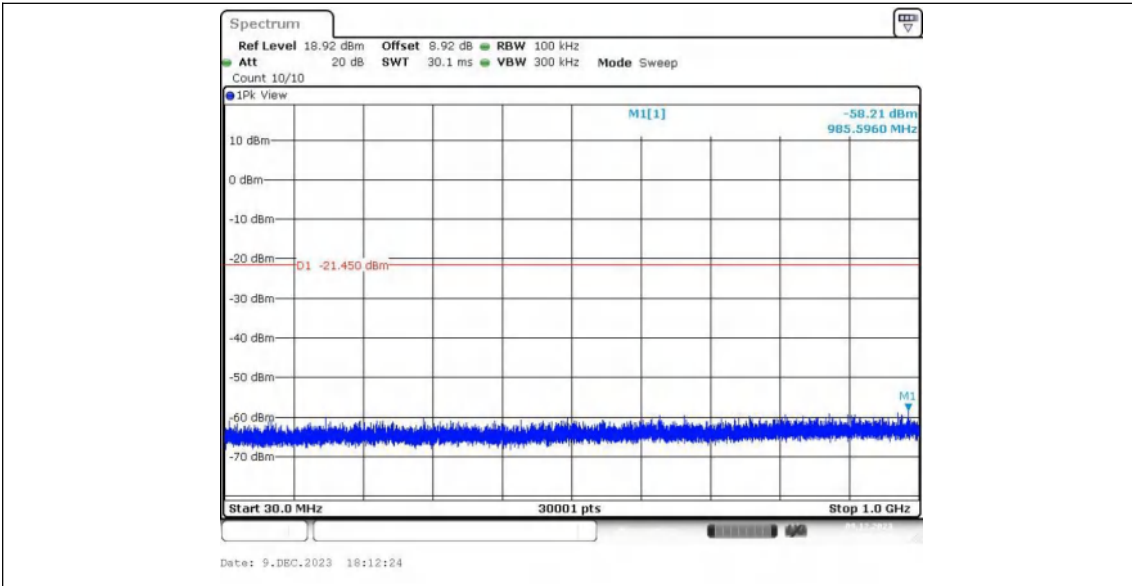
11AX20MIMO_Ant1_2437_30~1000



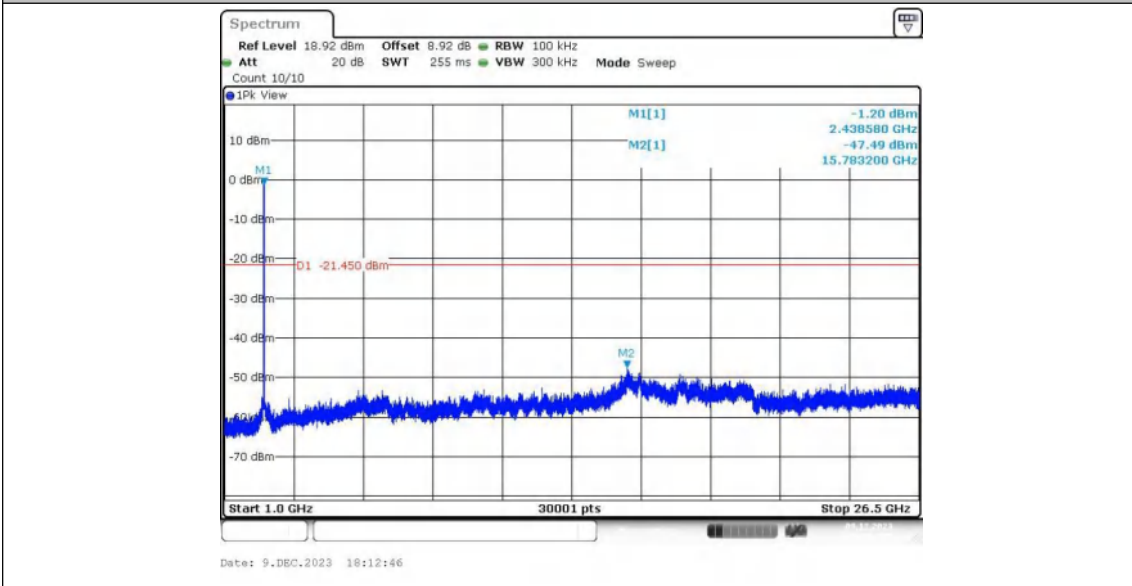
11AX20MIMO_Ant1_2437_1000~26500



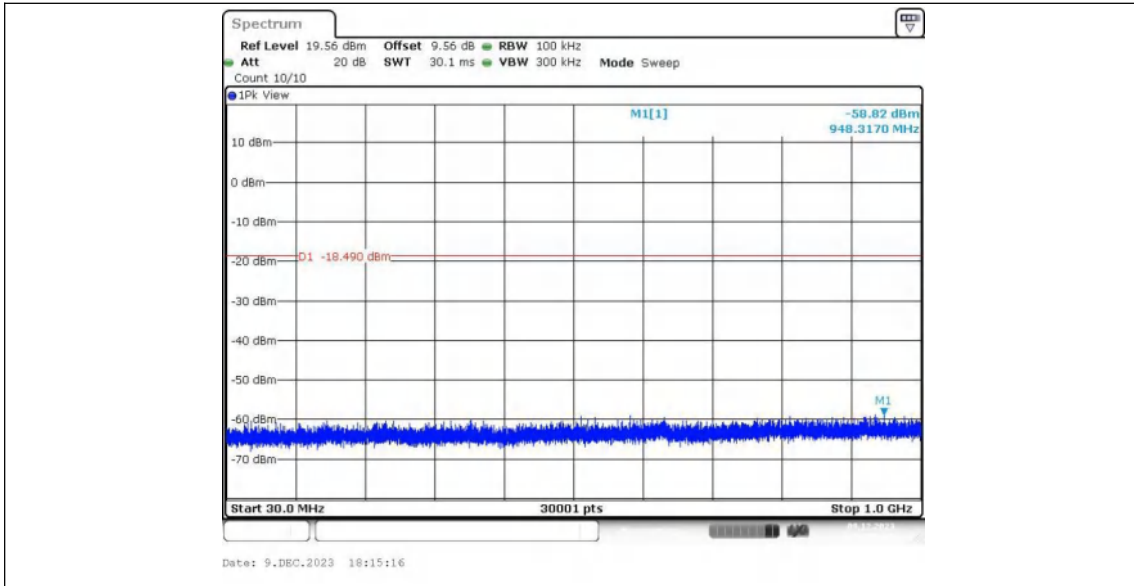
11AX20MIMO_Ant2_2437_30~1000



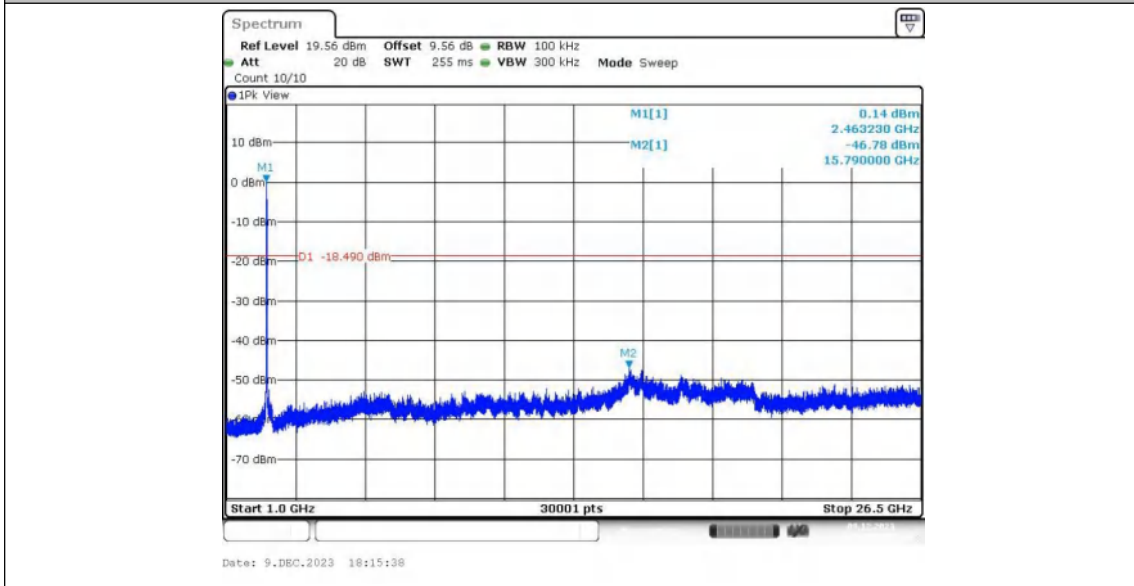
11AX20MIMO_Ant2_2437_1000~26500



11AX20MIMO_Ant1_2462_30~1000



11AX20MIMO_Ant1_2462_1000~26500



11AX20MIMO_Ant2_2462_30~1000



Appendix H: Duty Cycle

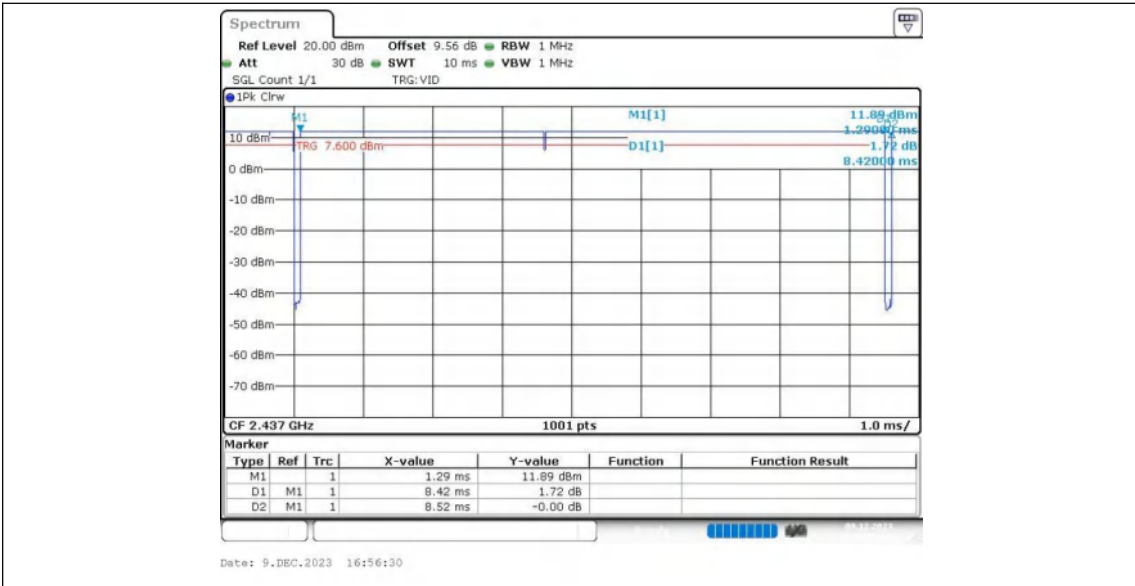
Test Result

| TestMode | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11B | Ant1 | 2412 | 8.42 | 8.52 | 98.83 |
| | Ant2 | 2412 | 8.43 | 8.52 | 98.94 |
| | Ant1 | 2437 | 8.42 | 8.52 | 98.83 |
| | Ant2 | 2437 | 8.44 | 8.52 | 99.06 |
| | Ant1 | 2462 | 8.43 | 8.52 | 98.94 |
| | Ant2 | 2462 | 8.43 | 8.52 | 98.94 |
| 11G | Ant1 | 2412 | 1.40 | 1.50 | 93.33 |
| | Ant2 | 2412 | 1.39 | 1.49 | 93.29 |
| | Ant1 | 2437 | 1.40 | 1.50 | 93.33 |
| | Ant2 | 2437 | 1.40 | 1.50 | 93.33 |
| | Ant1 | 2462 | 1.40 | 1.50 | 93.33 |
| | Ant2 | 2462 | 1.40 | 1.50 | 93.33 |
| 11N20MIMO | Ant1 | 2412 | 1.31 | 1.41 | 92.91 |
| | Ant2 | 2412 | 0.02 | 1.40 | 1.43 |
| | Ant1 | 2437 | 1.31 | 1.41 | 92.91 |
| | Ant2 | 2437 | 1.92 | 1.94 | 98.97 |
| | Ant1 | 2462 | 1.92 | 1.94 | 98.97 |
| | Ant2 | 2462 | 1.92 | 1.94 | 98.97 |
| 11AX20MIMO | Ant1 | 2412 | 1.02 | 1.13 | 90.27 |
| | Ant2 | 2412 | 1.01 | 1.12 | 90.18 |
| | Ant1 | 2437 | 1.02 | 1.12 | 91.07 |
| | Ant2 | 2437 | 1.01 | 1.12 | 90.18 |
| | Ant1 | 2462 | 1.01 | 1.12 | 90.18 |
| | Ant2 | 2462 | 1.02 | 1.12 | 91.07 |

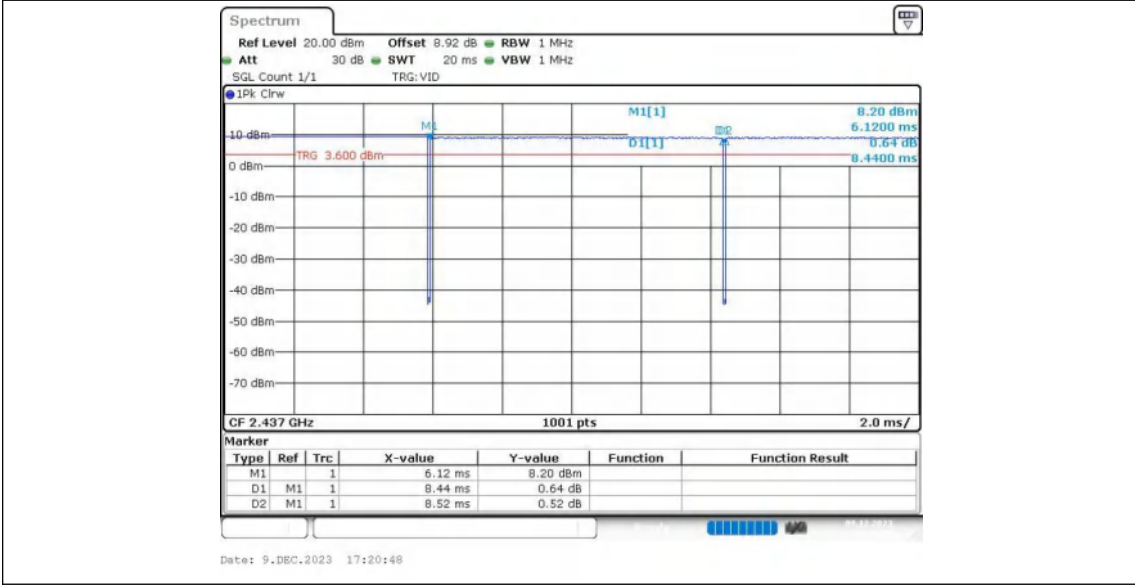


Test Graphs

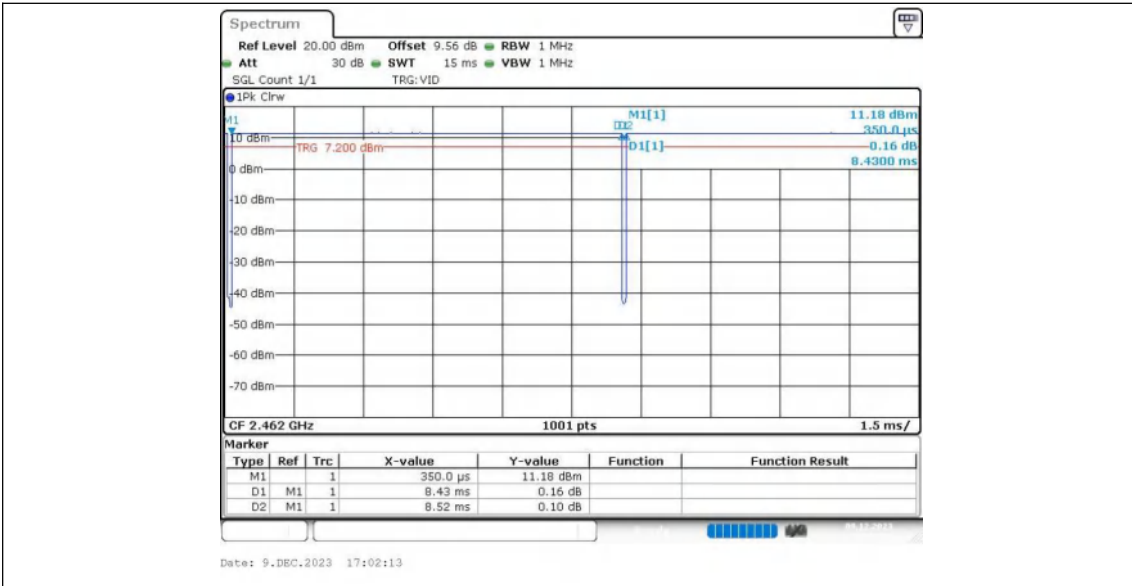




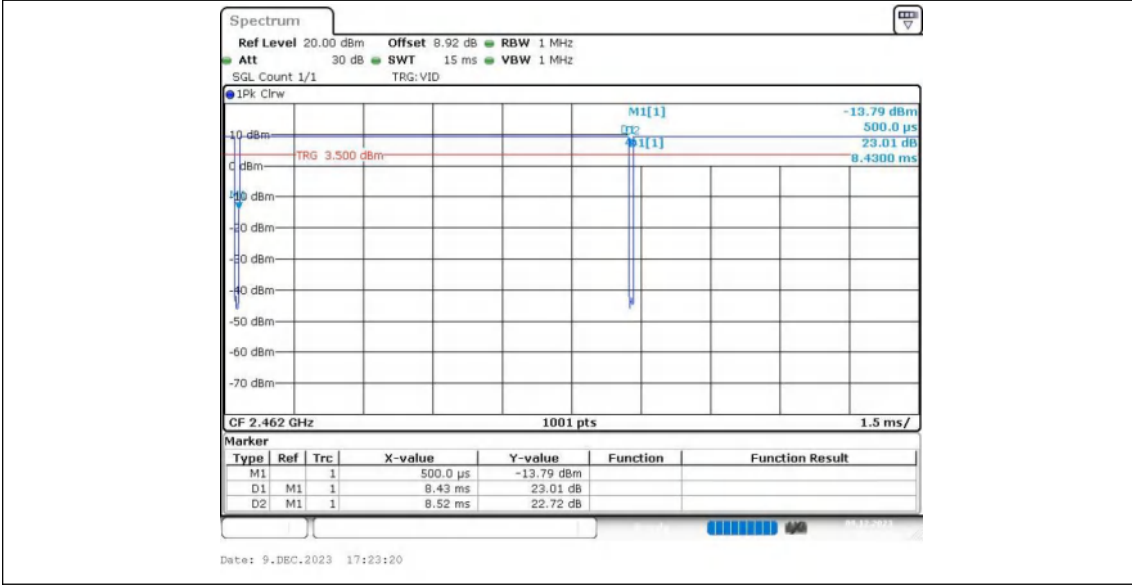
11B_Ant2_2437



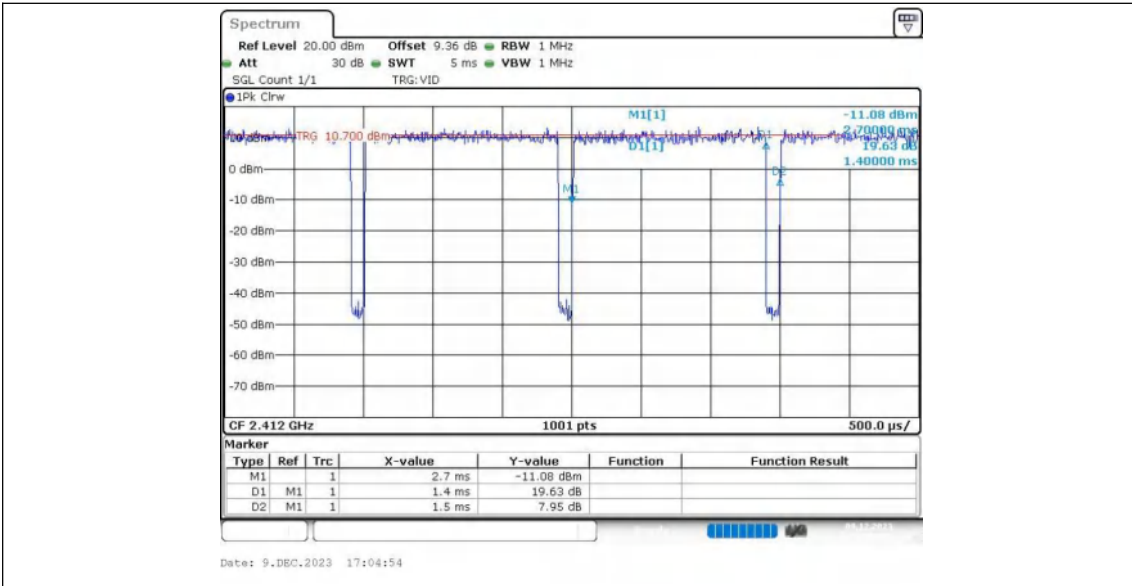
11B_Ant1_2462



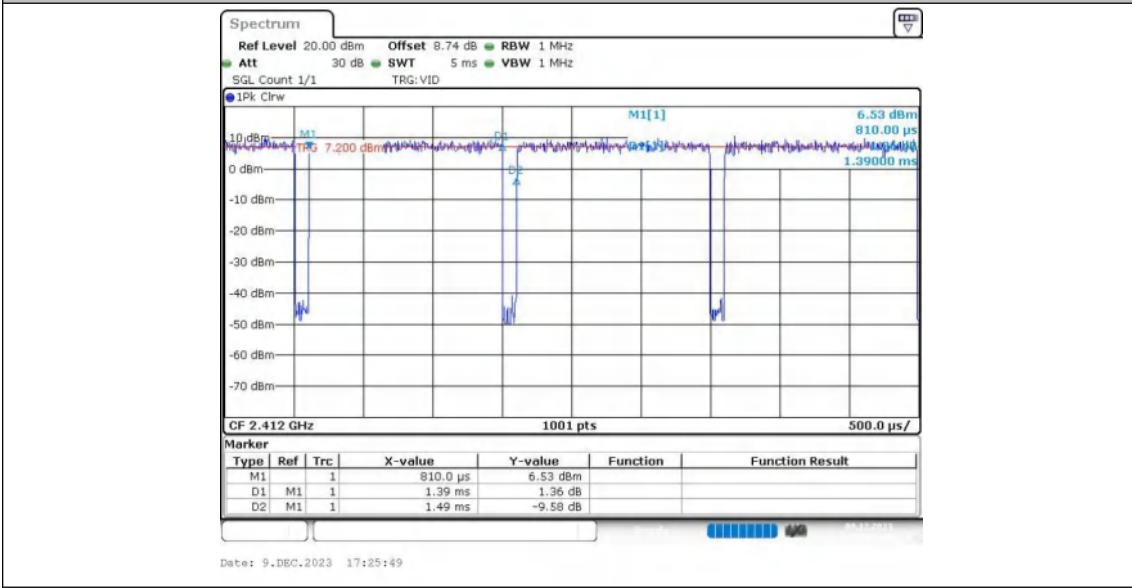
11B_Ant2_2462



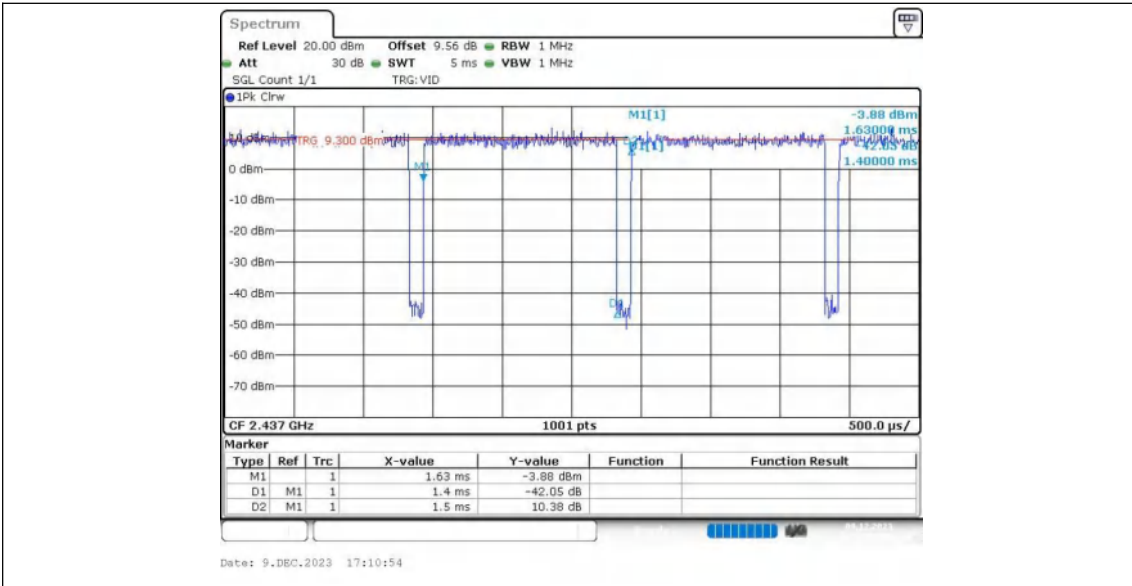
11G_Ant1_2412



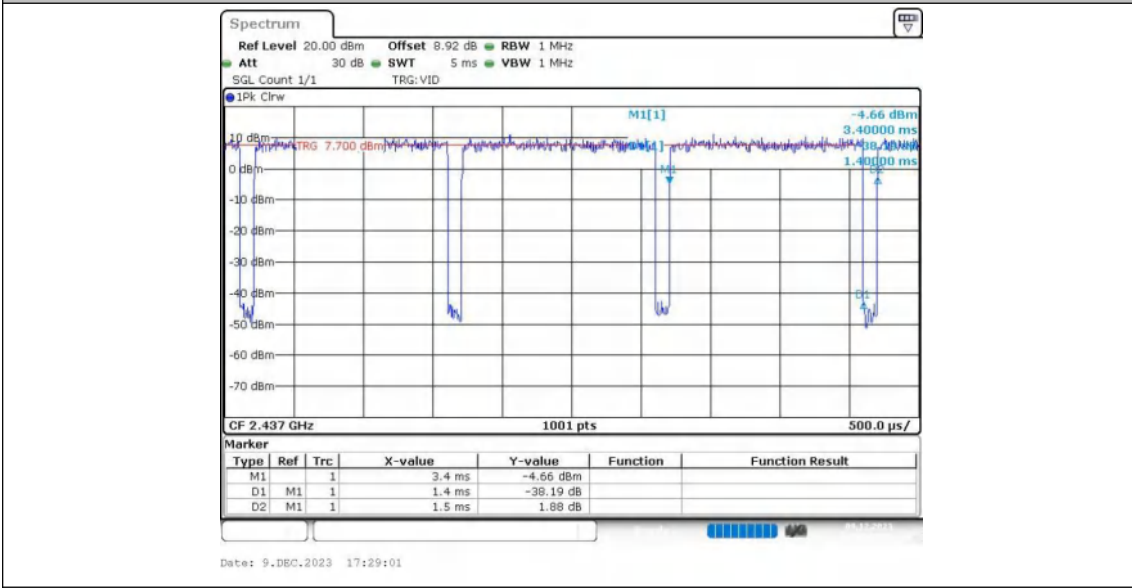
11G_Ant2_2412



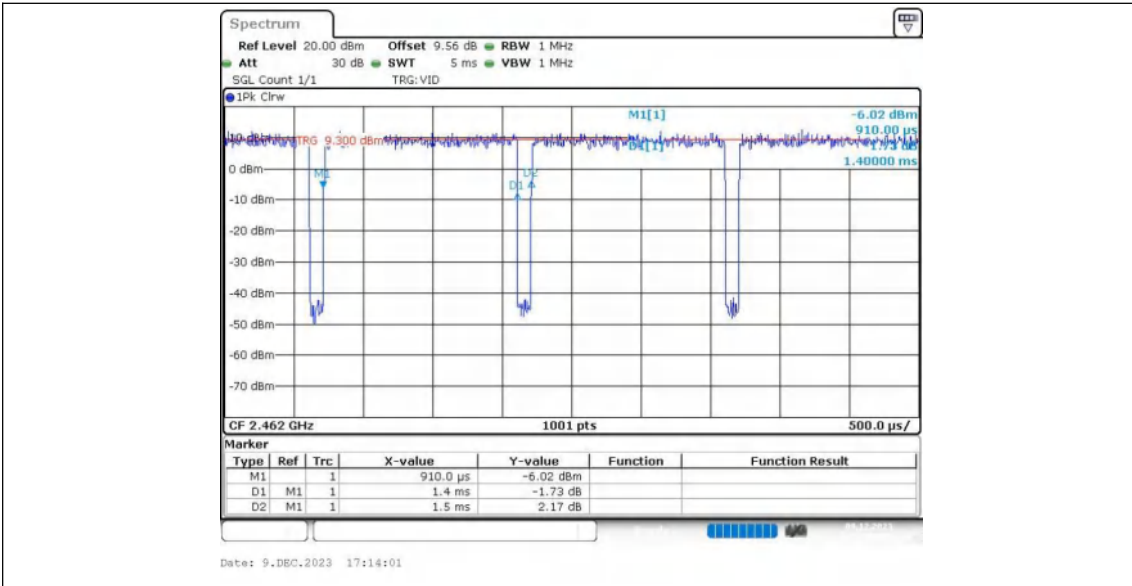
11G_Ant1_2437



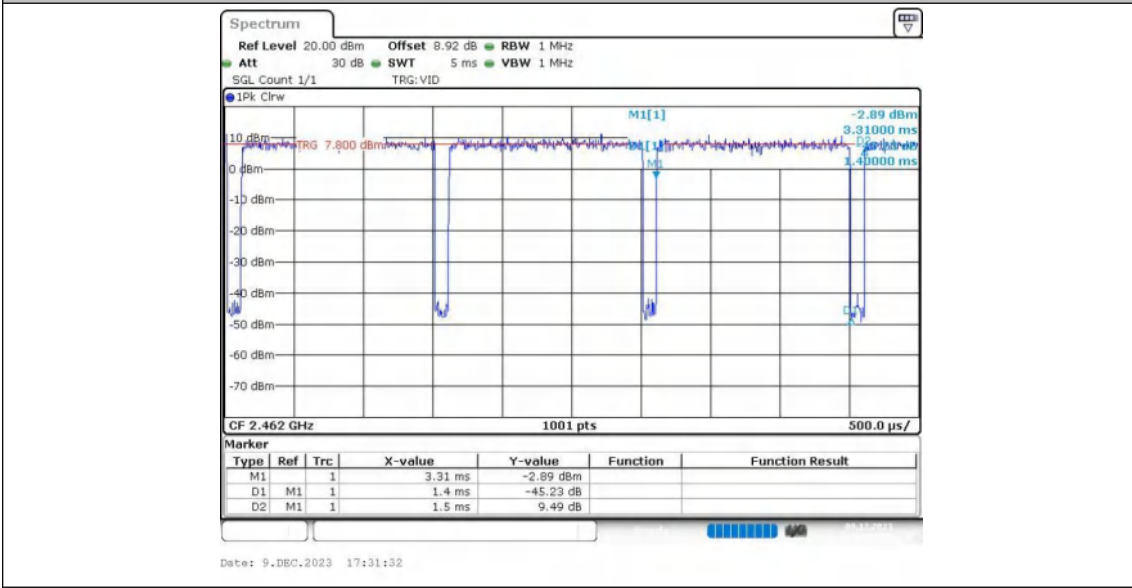
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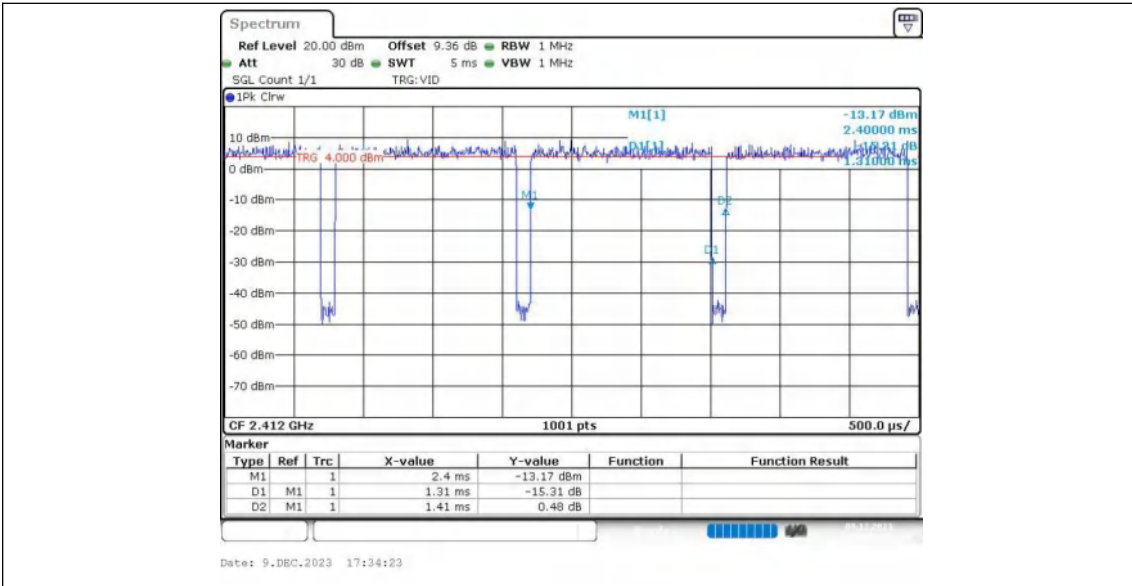
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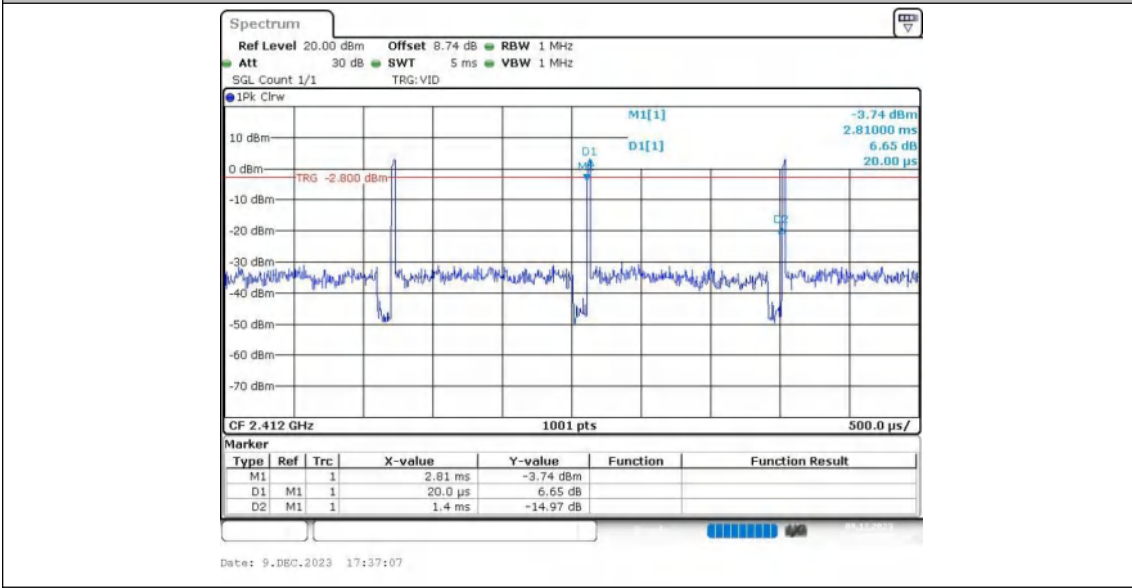
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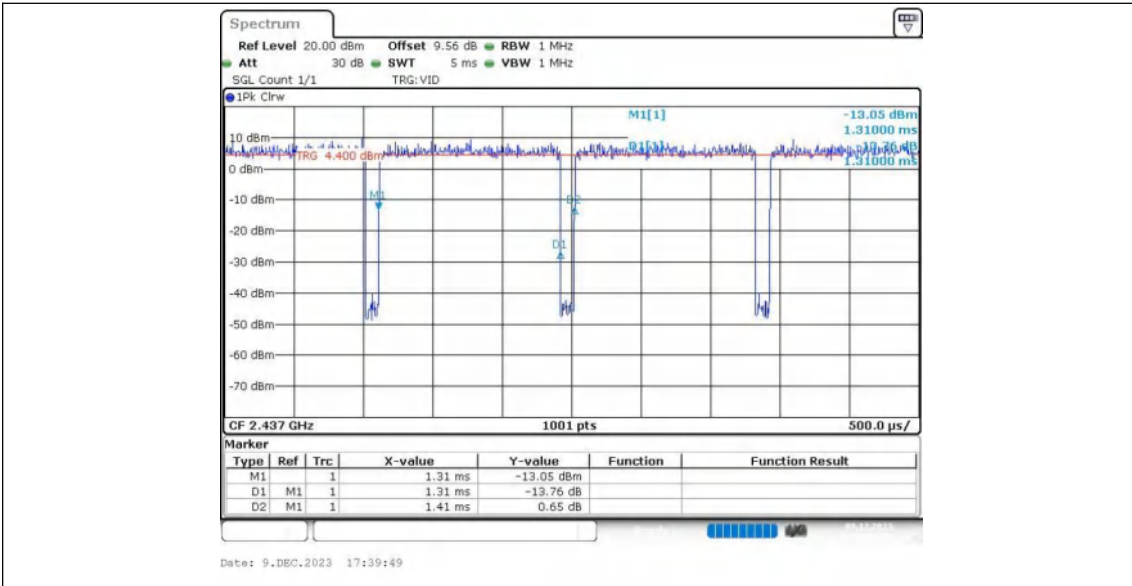
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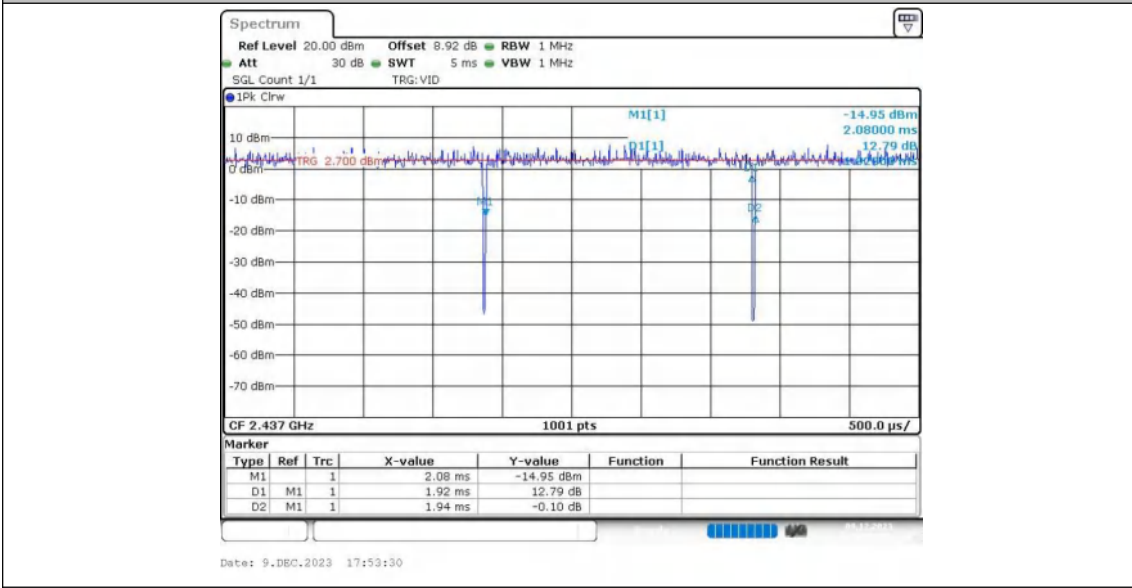
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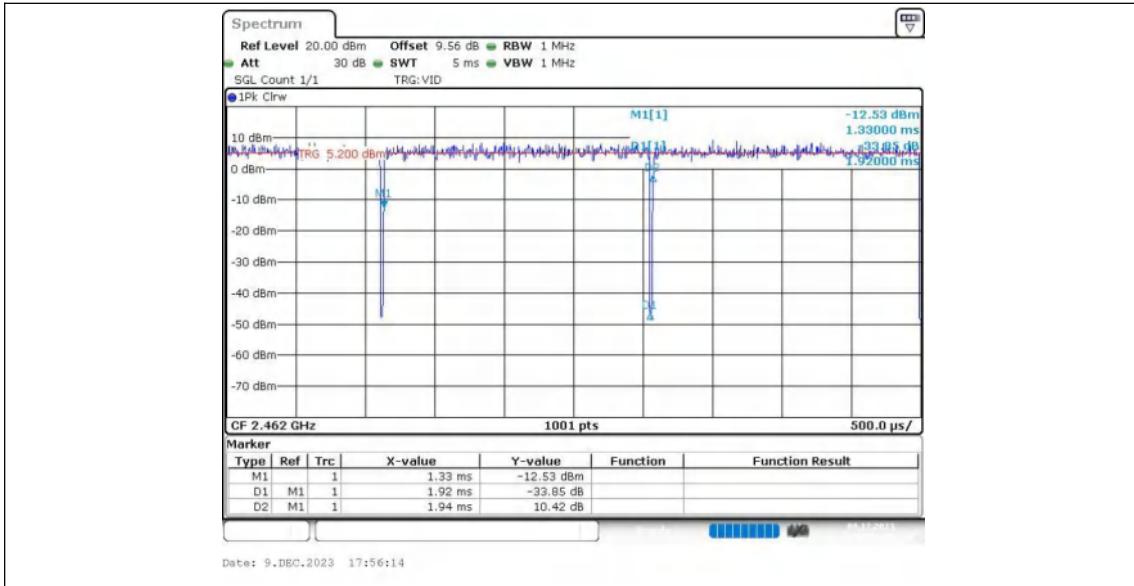
11N20MIMO_Ant1_2437



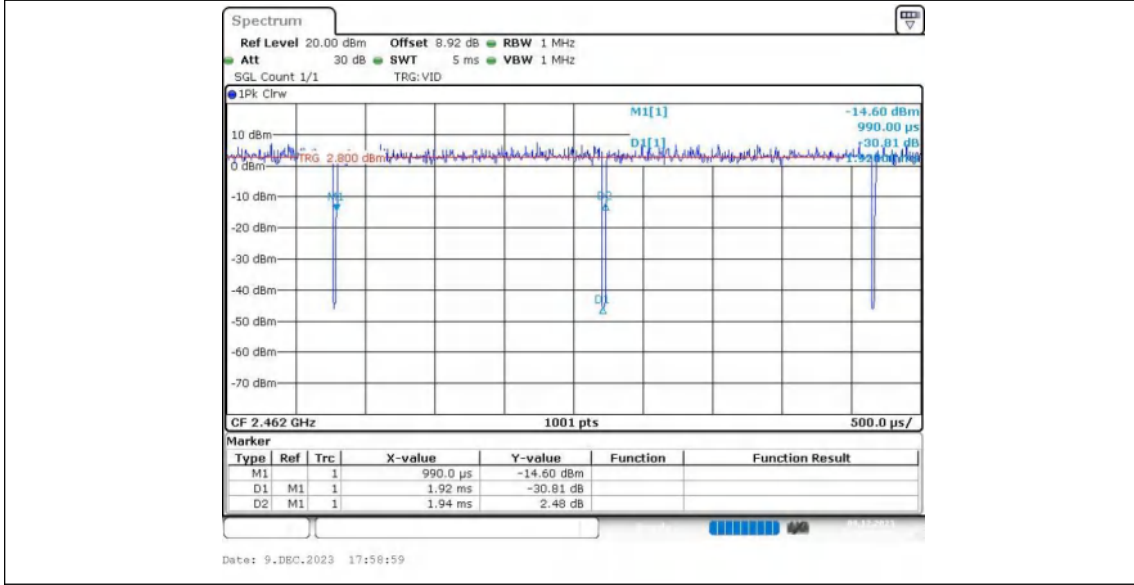
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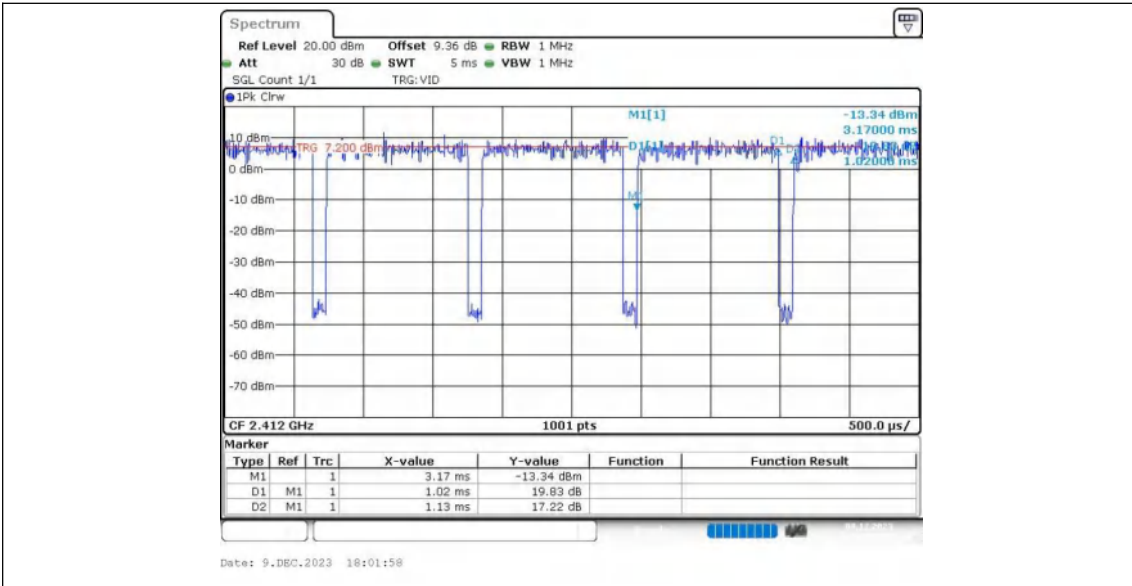
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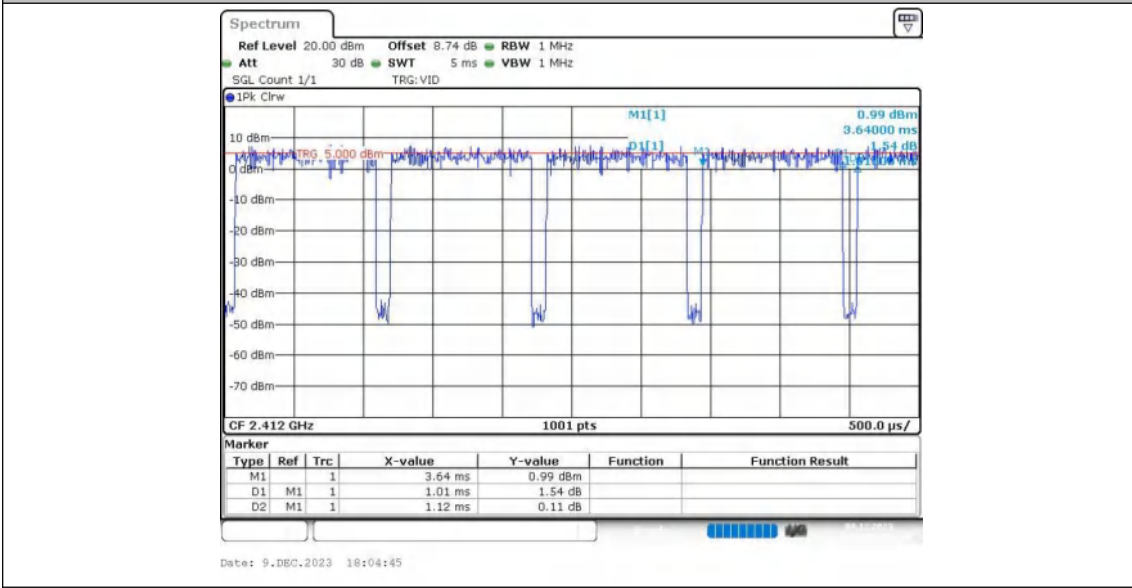
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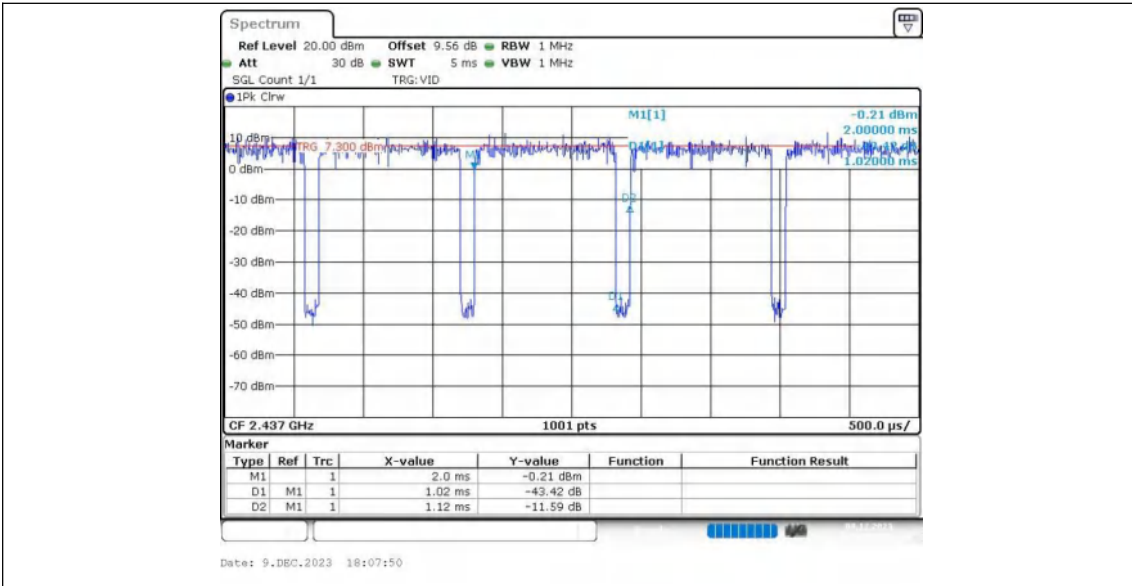
11AX20MIMO_Ant1_2412



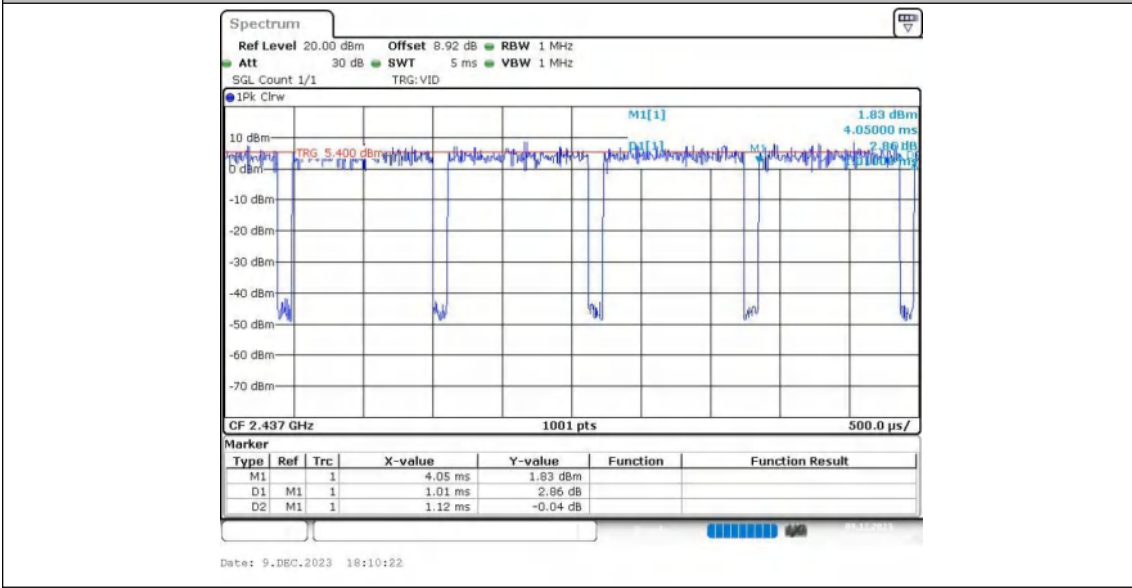
11AX20MIMO_Ant2_2412



11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437



11AX20MIMO_Ant1_2462

