

## Appendix Test Data

|                  |                 |                    |            |
|------------------|-----------------|--------------------|------------|
| Report No.:      | 18220WC30224303 | Test Sample No.:   | 1-2-2      |
| Start Test Date: | 2023.10.23      | Finish Test Date:  | 2023.10.28 |
| Test Engineer:   | Hayman Chen     | Auditor:           | Rick Luo   |
| Temperature:     | 25.6°C          | Relative Humidity: | 49%        |
| Pressure:        | 101kPa          |                    |            |

## Appendix A: DTS Bandwidth

## Test Result

| TestMode  | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|---------|---------|------------|---------|
| 11B       | Ant1    | 2412           | 8.56         | 2407.44 | 2416.00 | ≥0.5       | PASS    |
|           | Ant2    | 2412           | 9.04         | 2407.44 | 2416.48 | ≥0.5       | PASS    |
|           | Ant1    | 2437           | 9.04         | 2432.44 | 2441.48 | ≥0.5       | PASS    |
|           | Ant2    | 2437           | 7.56         | 2432.92 | 2440.48 | ≥0.5       | PASS    |
|           | Ant1    | 2462           | 7.08         | 2458.40 | 2465.48 | ≥0.5       | PASS    |
|           | Ant2    | 2462           | 8.08         | 2457.92 | 2466.00 | ≥0.5       | PASS    |
| 11G       | Ant1    | 2412           | 15.04        | 2404.40 | 2419.44 | ≥0.5       | PASS    |
|           | Ant2    | 2412           | 16.04        | 2404.08 | 2420.12 | ≥0.5       | PASS    |
|           | Ant1    | 2437           | 16.04        | 2428.80 | 2444.84 | ≥0.5       | PASS    |
|           | Ant2    | 2437           | 15.28        | 2429.44 | 2444.72 | ≥0.5       | PASS    |
|           | Ant1    | 2462           | 16.04        | 2453.80 | 2469.84 | ≥0.5       | PASS    |
|           | Ant2    | 2462           | 16.32        | 2453.80 | 2470.12 | ≥0.5       | PASS    |
| 11N20SISO | Ant1    | 2412           | 15.12        | 2404.44 | 2419.56 | ≥0.5       | PASS    |
|           | Ant2    | 2412           | 17.56        | 2403.20 | 2420.76 | ≥0.5       | PASS    |
|           | Ant1    | 2437           | 17.60        | 2428.16 | 2445.76 | ≥0.5       | PASS    |
|           | Ant2    | 2437           | 17.28        | 2428.44 | 2445.72 | ≥0.5       | PASS    |
|           | Ant1    | 2462           | 12.92        | 2455.08 | 2468.00 | ≥0.5       | PASS    |
|           | Ant2    | 2462           | 17.36        | 2453.16 | 2470.52 | ≥0.5       | PASS    |
| 11N40SISO | Ant1    | 2422           | 27.54        | 2409.46 | 2437.00 | ≥0.5       | PASS    |
|           | Ant2    | 2422           | 32.82        | 2404.42 | 2437.24 | ≥0.5       | PASS    |
|           | Ant1    | 2437           | 29.04        | 2419.42 | 2448.46 | ≥0.5       | PASS    |
|           | Ant2    | 2437           | 33.90        | 2420.62 | 2454.52 | ≥0.5       | PASS    |

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|            |      |      |       |         |         |            |      |
|------------|------|------|-------|---------|---------|------------|------|
|            | Ant1 | 2452 | 28.38 | 2438.56 | 2466.94 | $\geq 0.5$ | PASS |
|            | Ant2 | 2452 | 35.82 | 2433.76 | 2469.58 | $\geq 0.5$ | PASS |
| 11AX20SISO | Ant1 | 2412 | 15.72 | 2404.04 | 2419.76 | $\geq 0.5$ | PASS |
|            | Ant2 | 2412 | 18.16 | 2403.20 | 2421.36 | $\geq 0.5$ | PASS |
|            | Ant1 | 2437 | 17.88 | 2428.24 | 2446.12 | $\geq 0.5$ | PASS |
|            | Ant2 | 2437 | 17.48 | 2428.68 | 2446.16 | $\geq 0.5$ | PASS |
|            | Ant1 | 2462 | 18.72 | 2452.56 | 2471.28 | $\geq 0.5$ | PASS |
|            | Ant2 | 2462 | 18.76 | 2452.52 | 2471.28 | $\geq 0.5$ | PASS |
| 11AX40SISO | Ant1 | 2422 | 35.70 | 2404.36 | 2440.06 | $\geq 0.5$ | PASS |
|            | Ant2 | 2422 | 29.70 | 2409.76 | 2439.46 | $\geq 0.5$ | PASS |
|            | Ant1 | 2437 | 31.32 | 2420.62 | 2451.94 | $\geq 0.5$ | PASS |
|            | Ant2 | 2437 | 33.90 | 2420.62 | 2454.52 | $\geq 0.5$ | PASS |
|            | Ant1 | 2452 | 32.52 | 2436.94 | 2469.46 | $\geq 0.5$ | PASS |
|            | Ant2 | 2452 | 34.08 | 2433.16 | 2467.24 | $\geq 0.5$ | PASS |

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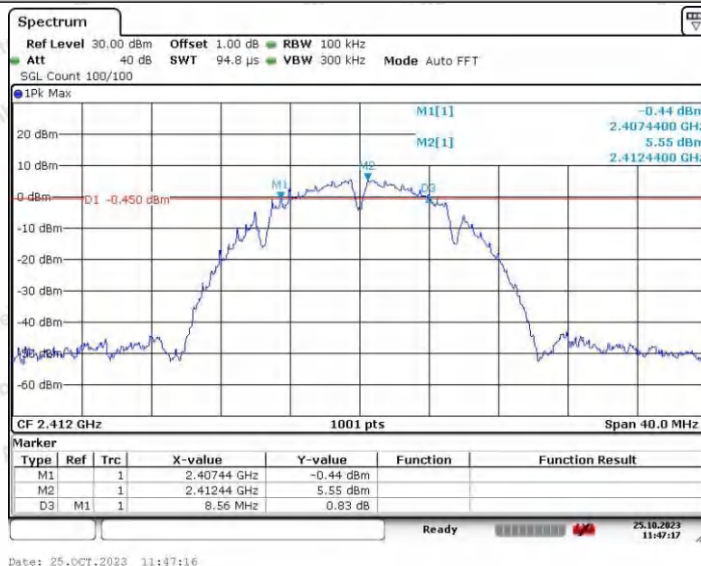


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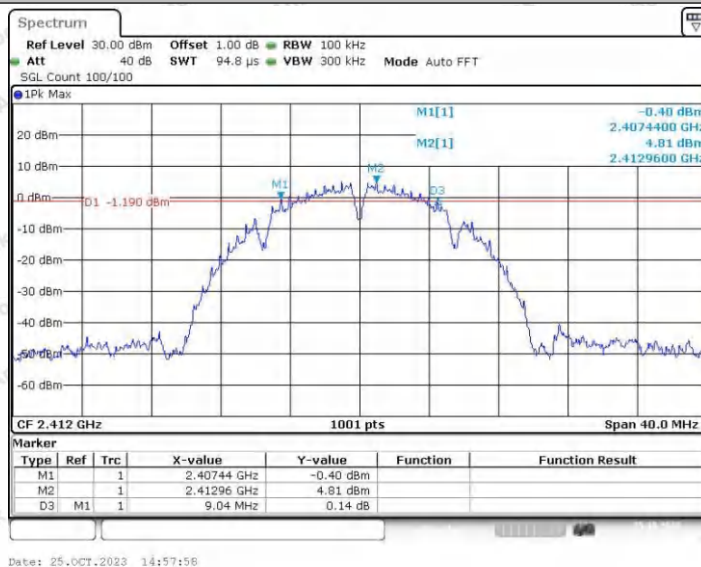


## Test Graphs

11B\_Ant1\_2412



11B\_Ant2\_2412



11B\_Ant1\_2437

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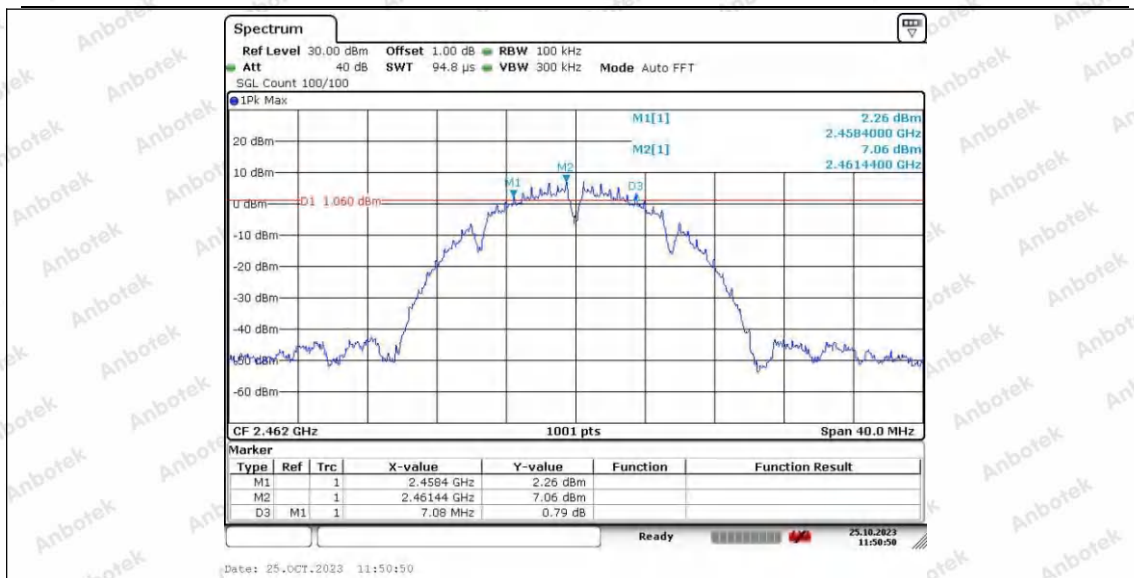
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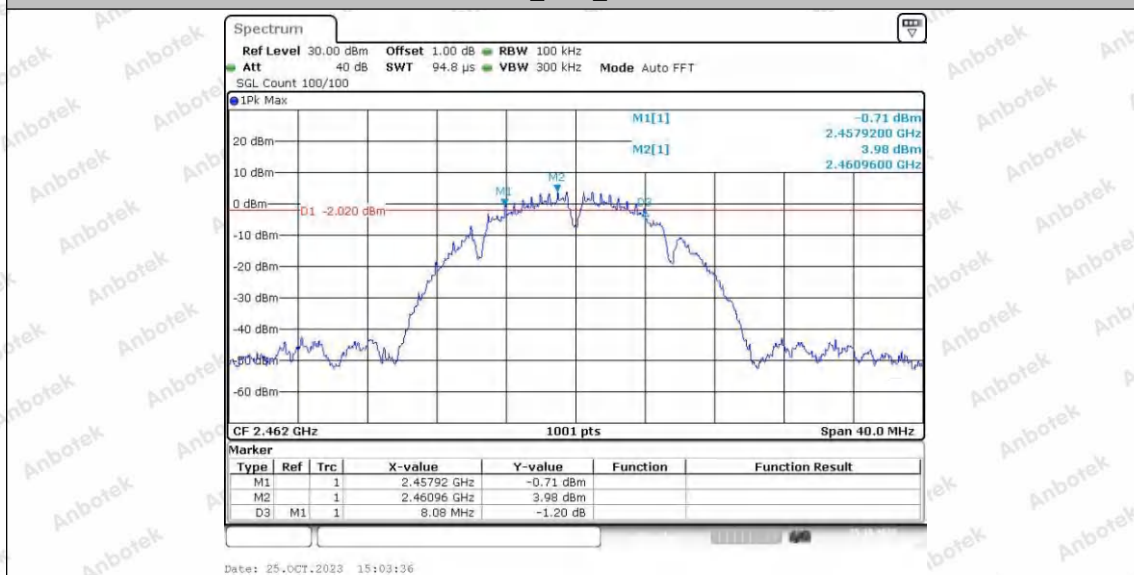


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11B\_Ant2\_2462



11G\_Ant1\_2412

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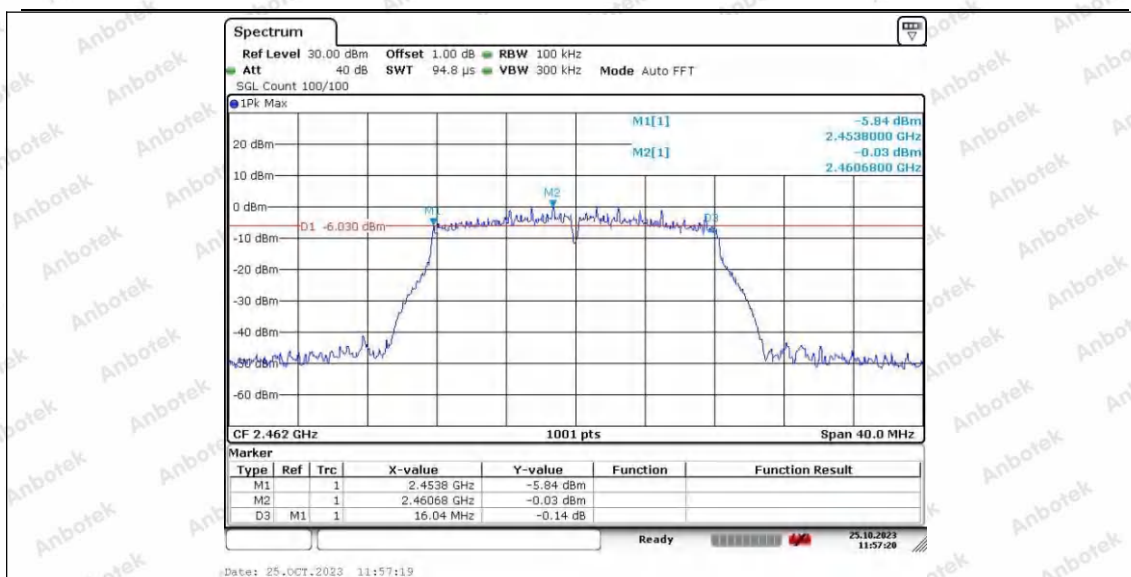
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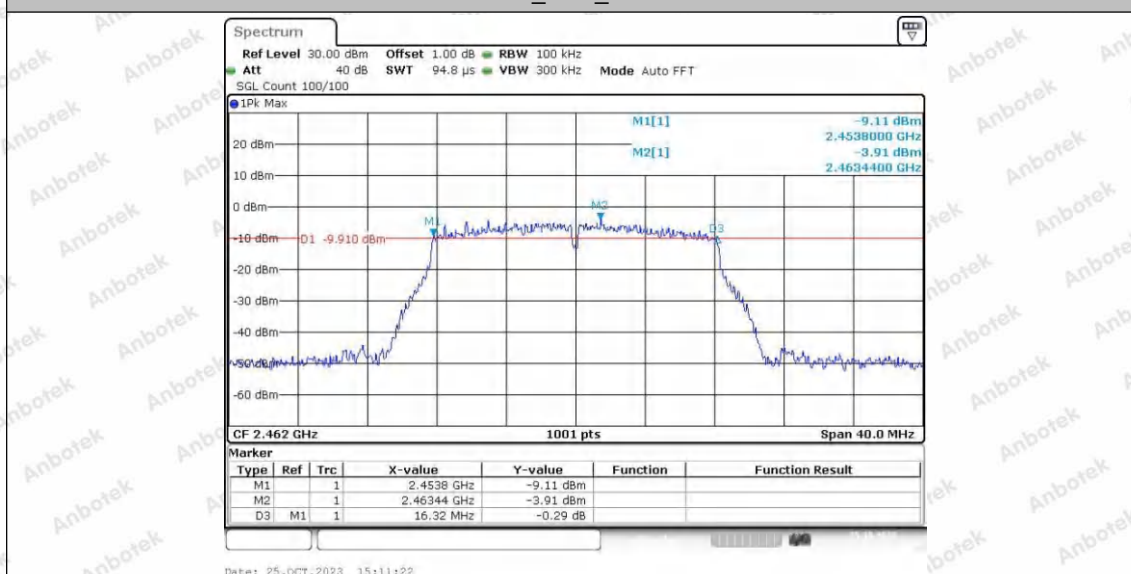


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11G\_Ant2\_2462



11N20SISO\_Ant1\_2412

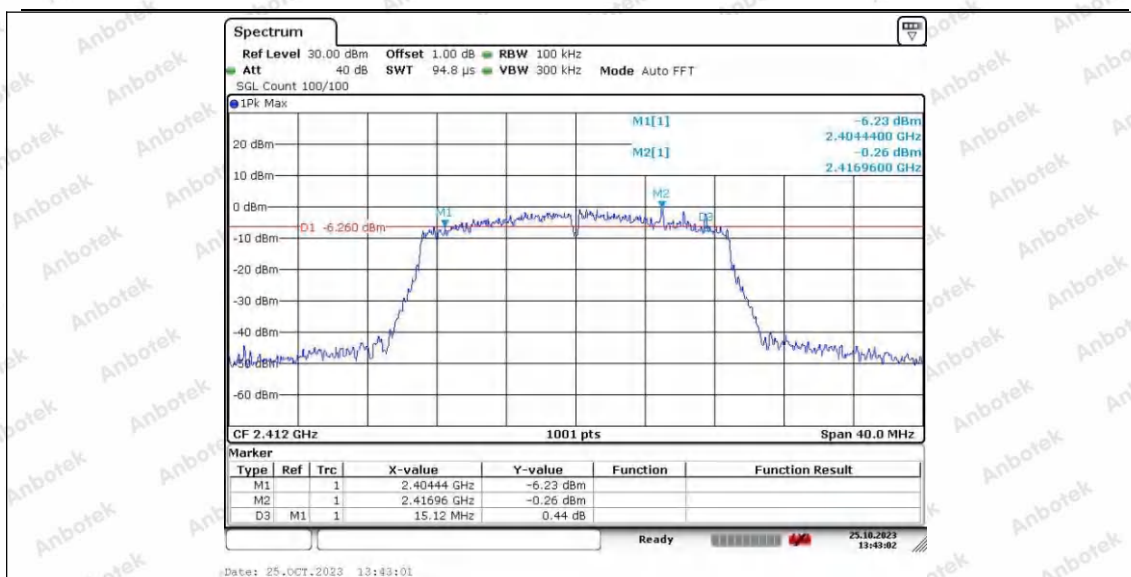
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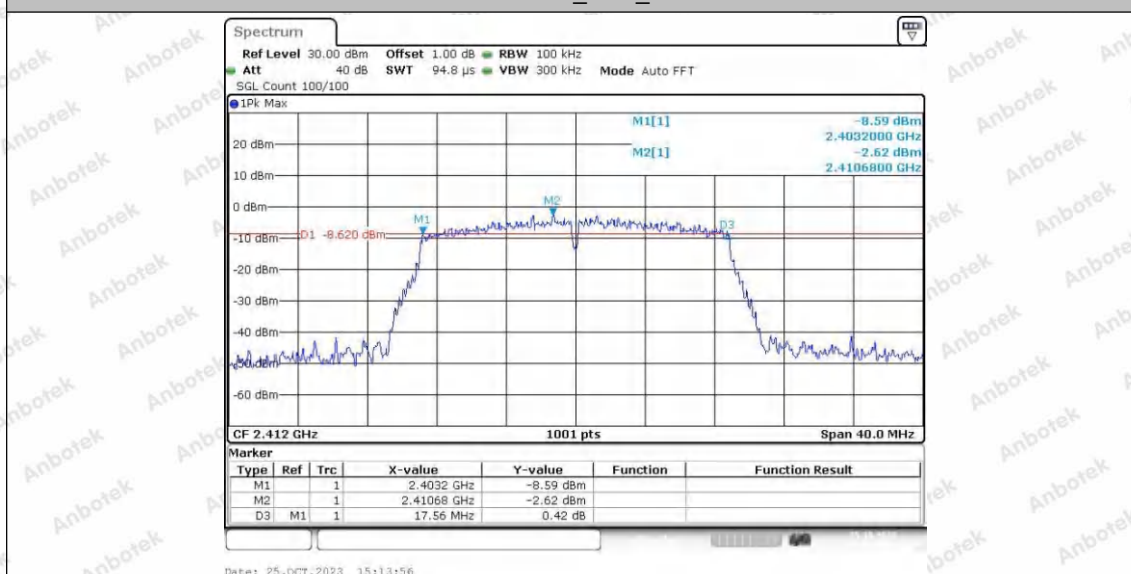


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11N20SISO\_Ant2\_2412



11N20SISO\_Ant1\_2437

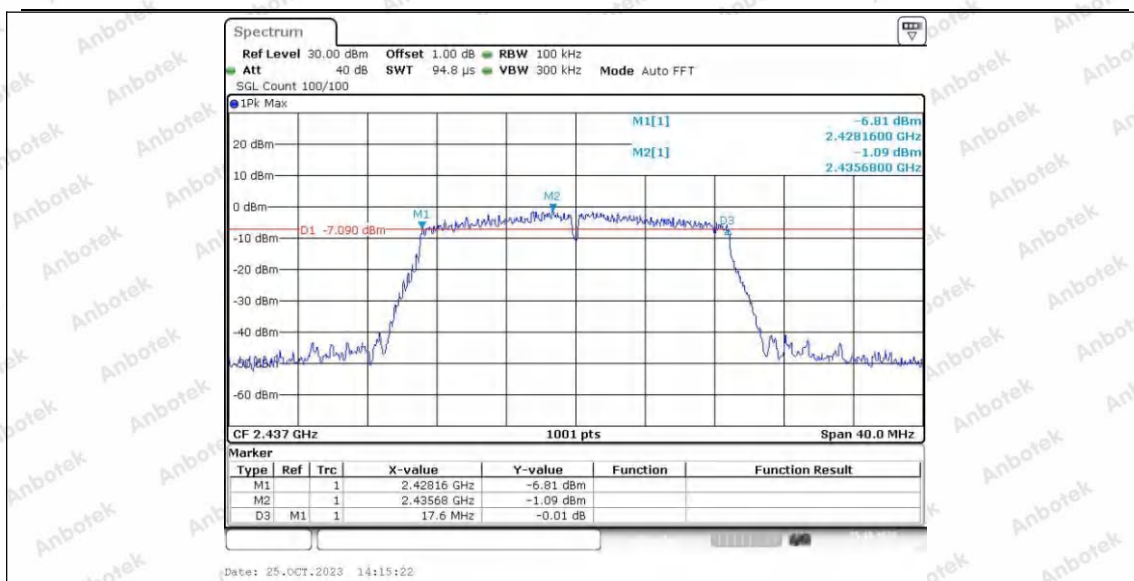
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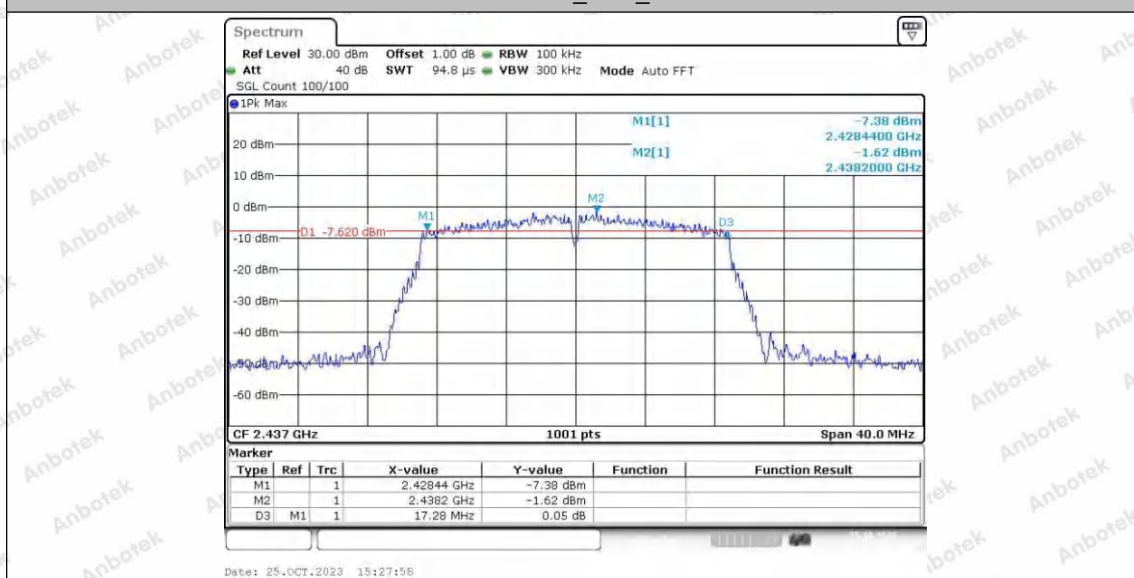


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## 11N20SISO\_Ant2\_2437



## 11N20SISO\_Ant1\_2462

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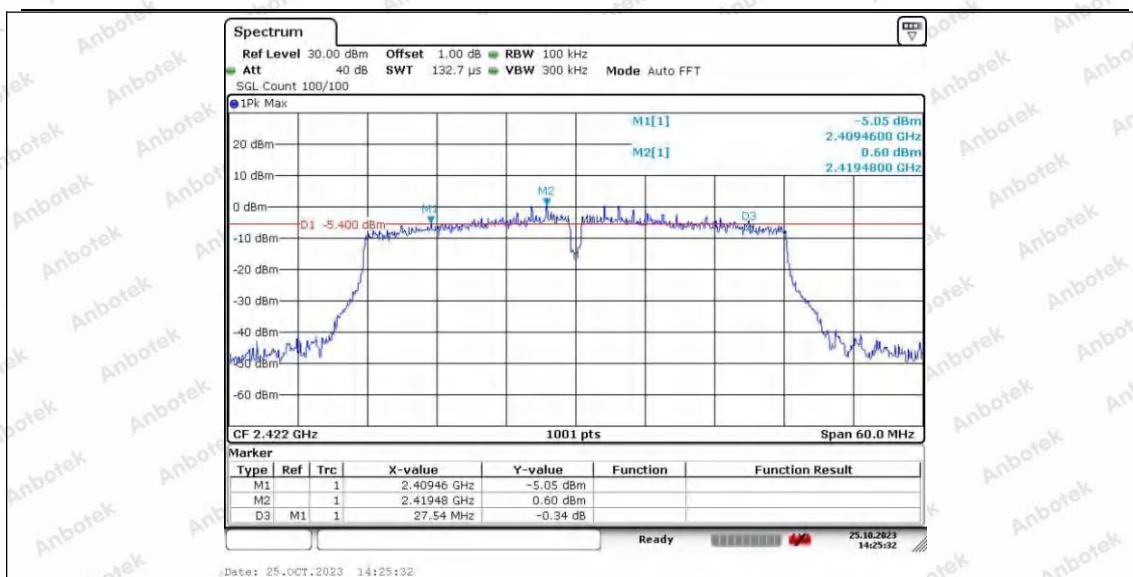
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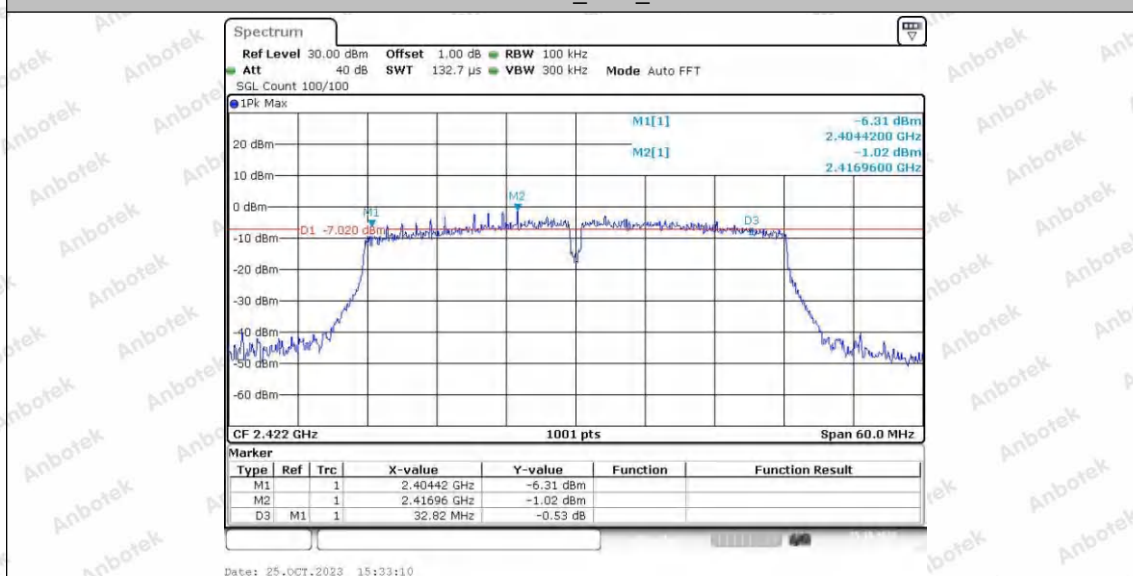


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11N40SISO\_Ant2\_2422



11N40SISO\_Ant1\_2437

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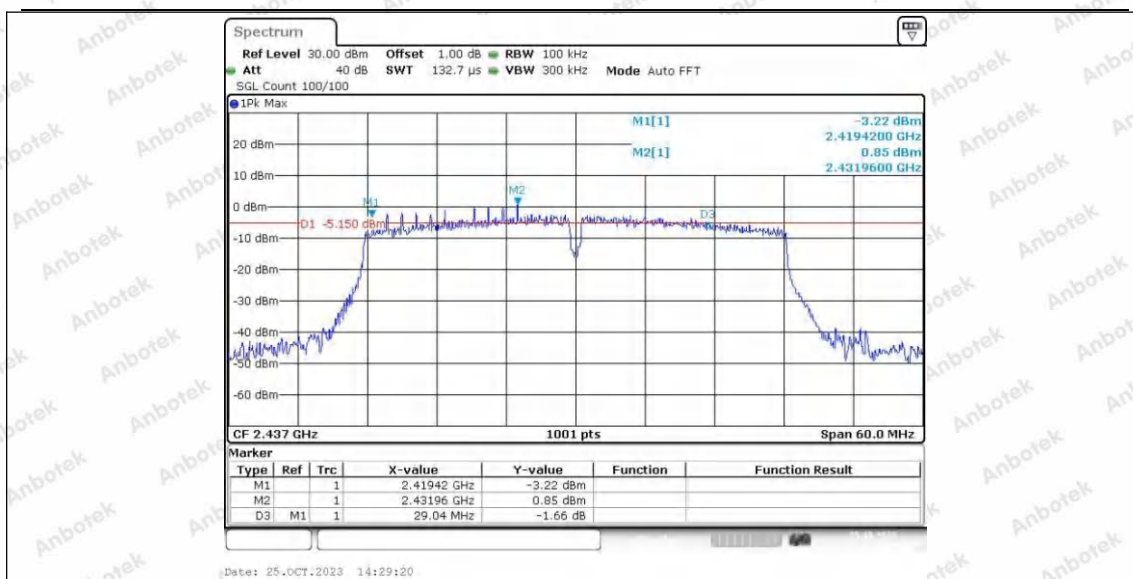


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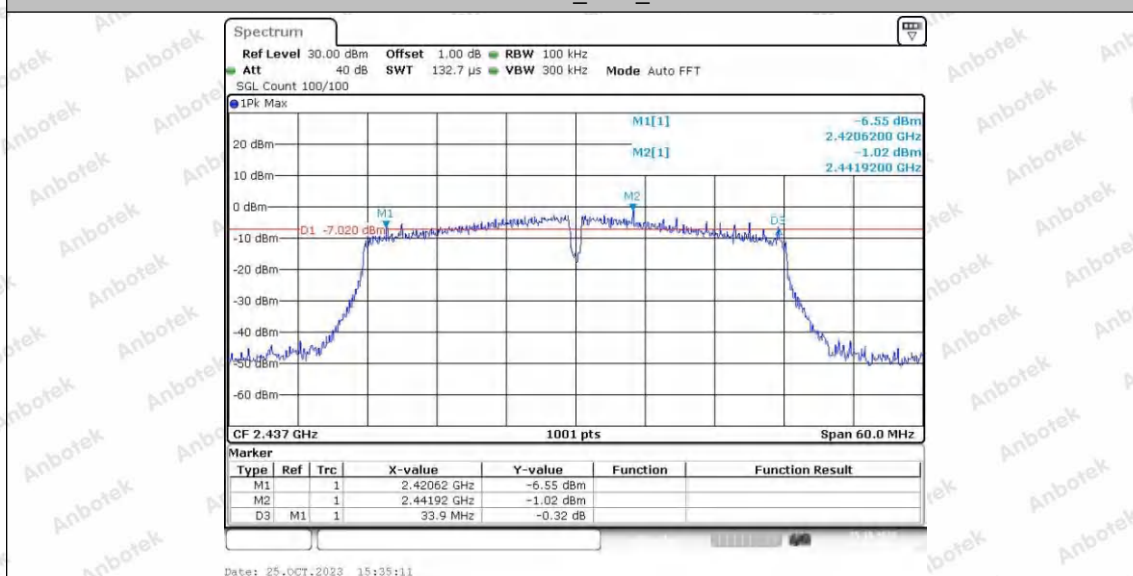
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11N40SISO\_Ant2\_2437



11N40SISO\_Ant1\_2452



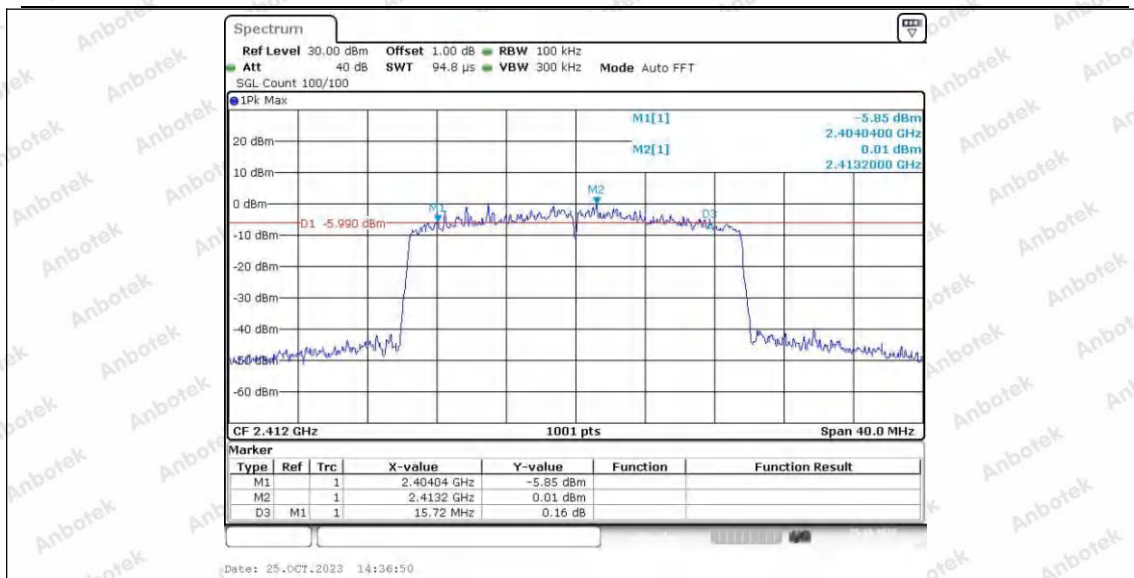
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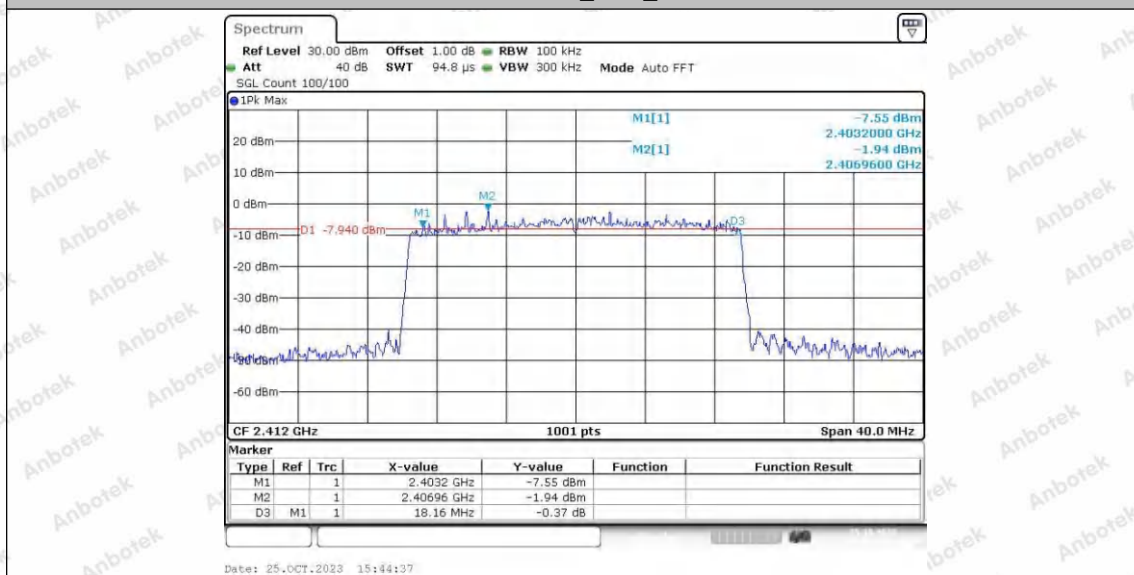


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11AX20SISO\_Ant2\_2412



11AX20SISO\_Ant1\_2437

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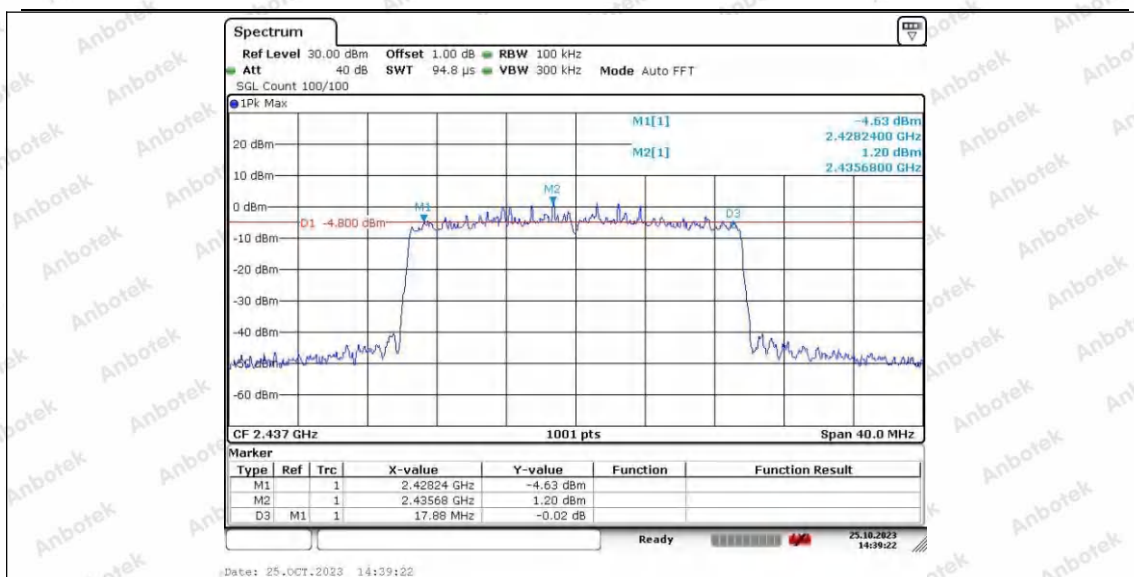


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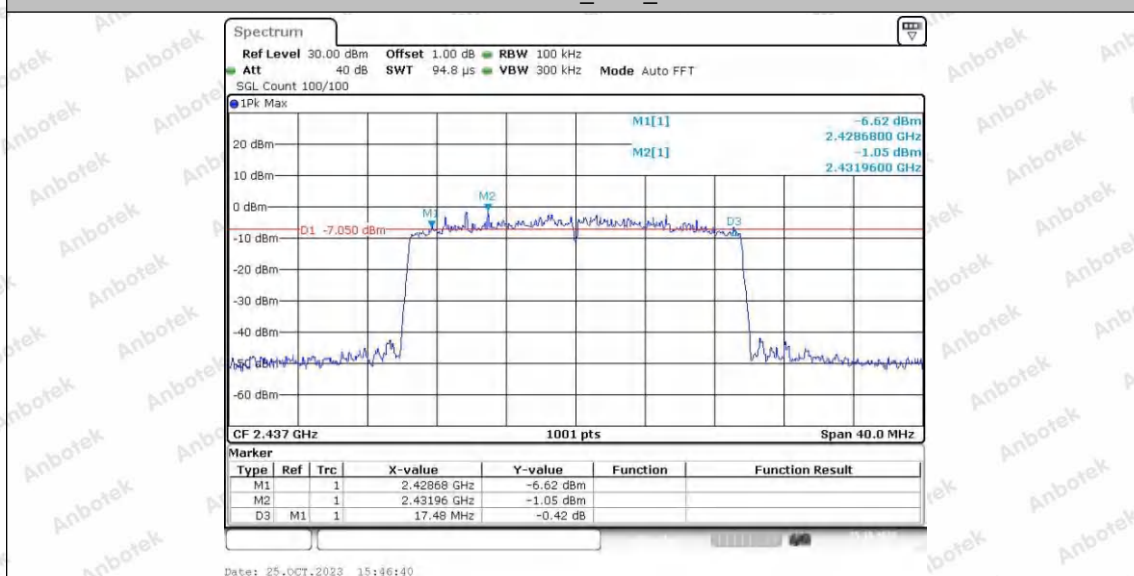
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11AX20SISO\_Ant2\_2437



11AX20SISO\_Ant1\_2462

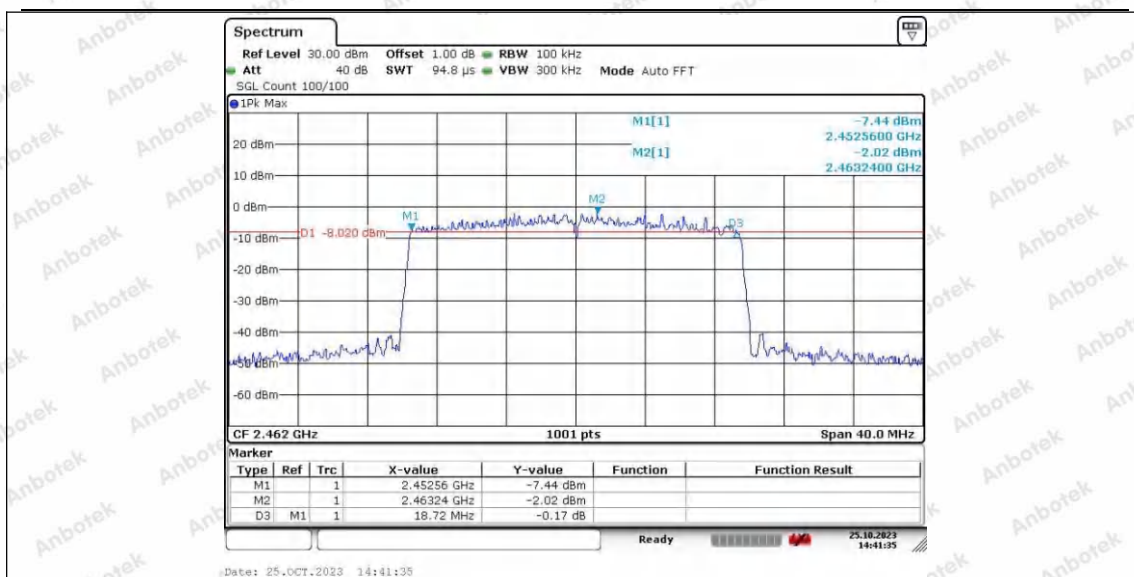
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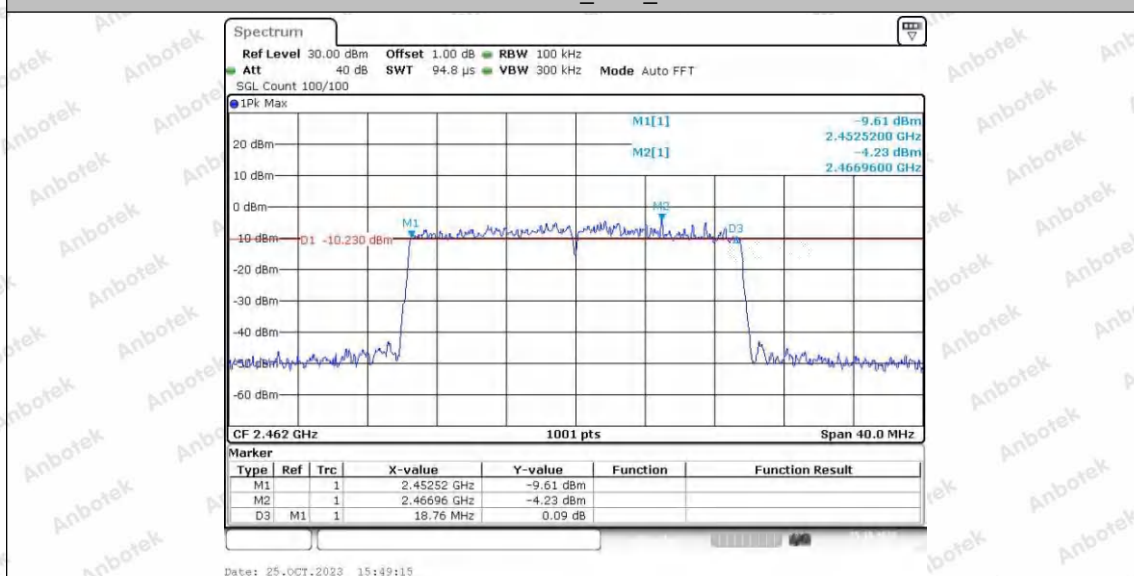


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11AX20SISO\_Ant2\_2462



11AX40SISO\_Ant1\_2422

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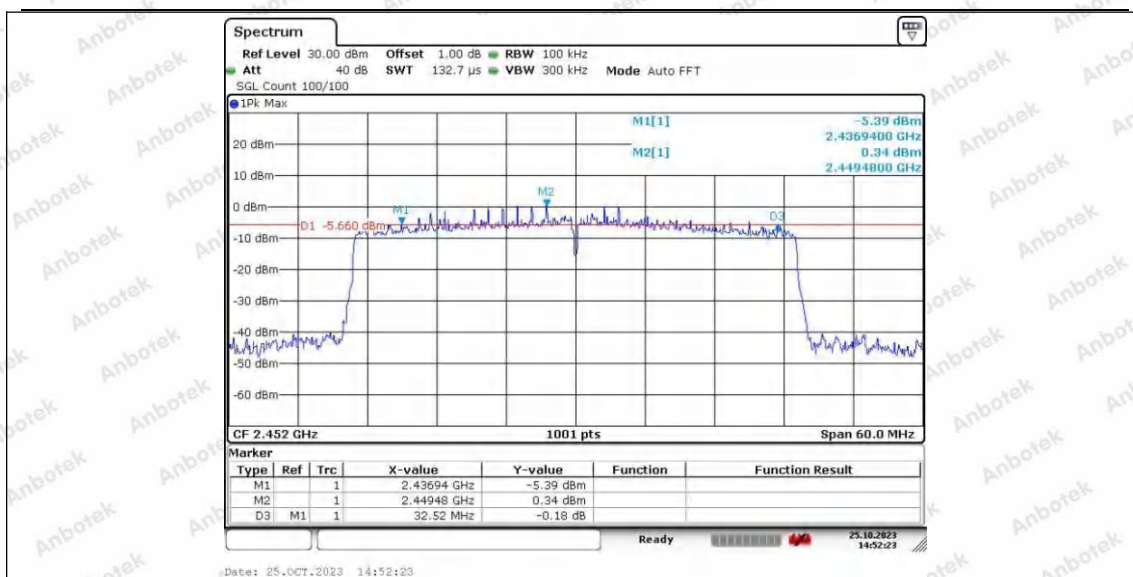
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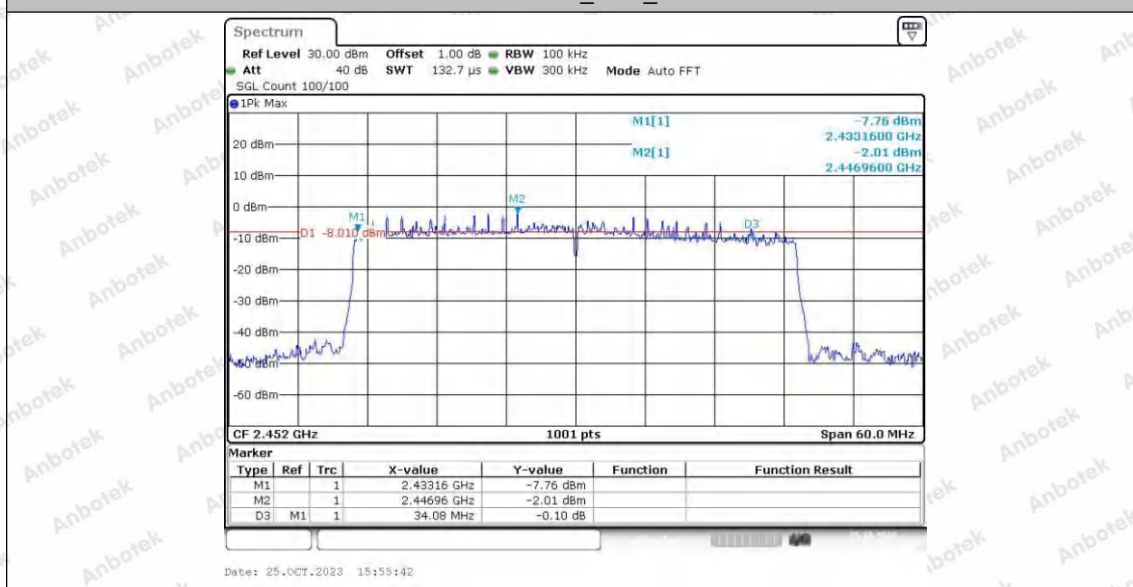


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## 11AX40SISO\_Ant2\_2452



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## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode   | Antenna | Channel Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|------------------------|-----------|-----------|-----------|------------|---------|
| 11B        | Ant1    | 2412                   | 12.507    | 2405.8062 | 2418.3137 | ---        | ---     |
|            | Ant2    | 2412                   | 12.747    | 2405.6863 | 2418.4336 | ---        | ---     |
|            | Ant1    | 2437                   | 12.747    | 2430.6064 | 2443.3536 | ---        | ---     |
|            | Ant2    | 2437                   | 12.547    | 2430.6464 | 2443.1938 | ---        | ---     |
|            | Ant1    | 2462                   | 12.787    | 2455.5265 | 2468.3137 | ---        | ---     |
|            | Ant2    | 2462                   | 12.907    | 2455.4865 | 2468.3936 | ---        | ---     |
| 11G        | Ant1    | 2412                   | 16.703    | 2403.6883 | 2420.3916 | ---        | ---     |
|            | Ant2    | 2412                   | 16.943    | 2403.5684 | 2420.5115 | ---        | ---     |
|            | Ant1    | 2437                   | 16.943    | 2428.5285 | 2445.4715 | ---        | ---     |
|            | Ant2    | 2437                   | 16.863    | 2428.5684 | 2445.4316 | ---        | ---     |
|            | Ant1    | 2462                   | 16.943    | 2453.4486 | 2470.3916 | ---        | ---     |
|            | Ant2    | 2462                   | 16.943    | 2453.4486 | 2470.3916 | ---        | ---     |
| 11N20SISO  | Ant1    | 2412                   | 17.582    | 2403.2088 | 2420.7912 | ---        | ---     |
|            | Ant2    | 2412                   | 17.862    | 2403.0889 | 2420.9510 | ---        | ---     |
|            | Ant1    | 2437                   | 17.902    | 2428.0490 | 2445.9510 | ---        | ---     |
|            | Ant2    | 2437                   | 17.742    | 2428.0889 | 2445.8312 | ---        | ---     |
|            | Ant1    | 2462                   | 17.822    | 2453.0490 | 2470.8711 | ---        | ---     |
|            | Ant2    | 2462                   | 17.862    | 2453.0090 | 2470.8711 | ---        | ---     |
| 11N40SISO  | Ant1    | 2422                   | 35.884    | 2404.1778 | 2440.0619 | ---        | ---     |
|            | Ant2    | 2422                   | 35.964    | 2404.0979 | 2440.0619 | ---        | ---     |
|            | Ant1    | 2437                   | 36.044    | 2419.0180 | 2455.0619 | ---        | ---     |
|            | Ant2    | 2437                   | 35.564    | 2419.1778 | 2454.7423 | ---        | ---     |
|            | Ant1    | 2452                   | 36.124    | 2433.9381 | 2470.0619 | ---        | ---     |
|            | Ant2    | 2452                   | 36.204    | 2433.7782 | 2469.9820 | ---        | ---     |
| 11AX20SISO | Ant1    | 2412                   | 18.741    | 2402.6494 | 2421.3906 | ---        | ---     |
|            | Ant2    | 2412                   | 18.861    | 2402.5694 | 2421.4306 | ---        | ---     |
|            | Ant1    | 2437                   | 18.901    | 2427.5295 | 2446.4306 | ---        | ---     |
|            | Ant2    | 2437                   | 18.861    | 2427.5295 | 2446.3906 | ---        | ---     |
|            | Ant1    | 2462                   | 18.861    | 2452.5295 | 2471.3906 | ---        | ---     |
|            | Ant2    | 2462                   | 18.941    | 2452.4895 | 2471.4306 | ---        | ---     |
| 11AX40SISO | Ant1    | 2422                   | 37.722    | 2403.2188 | 2440.9411 | ---        | ---     |
|            | Ant2    | 2422                   | 37.562    | 2403.2987 | 2440.8611 | ---        | ---     |
|            | Ant1    | 2437                   | 37.642    | 2418.1389 | 2455.7812 | ---        | ---     |
|            | Ant2    | 2437                   | 37.323    | 2418.2987 | 2455.6214 | ---        | ---     |
|            | Ant1    | 2452                   | 37.722    | 2433.1389 | 2470.8611 | ---        | ---     |

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|  |      |      |        |           |           |     |     |
|--|------|------|--------|-----------|-----------|-----|-----|
|  | Ant2 | 2452 | 37.642 | 2433.1389 | 2470.7812 | --- | --- |
|--|------|------|--------|-----------|-----------|-----|-----|

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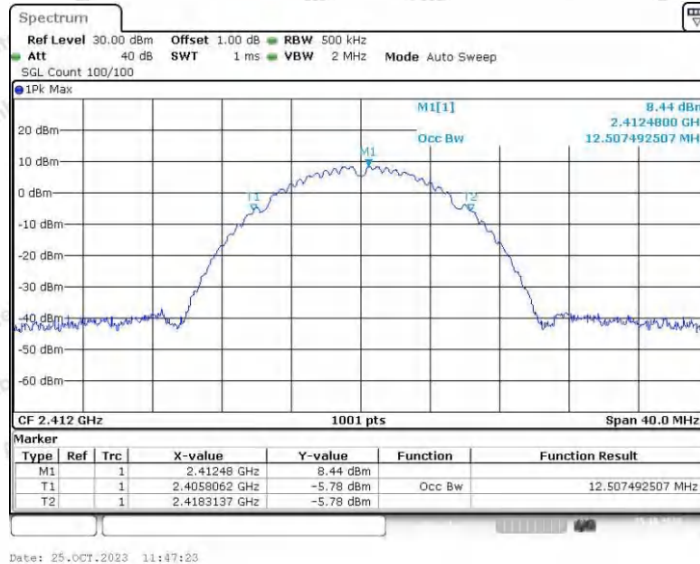


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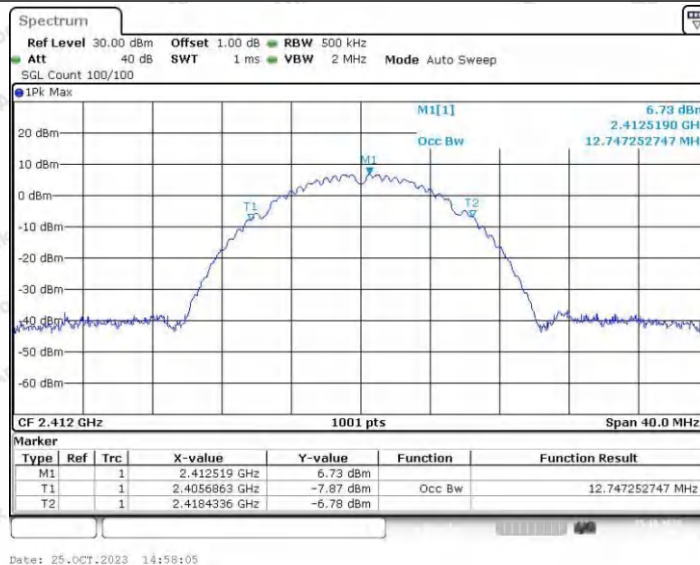


## Test Graphs

11B\_Ant1\_2412

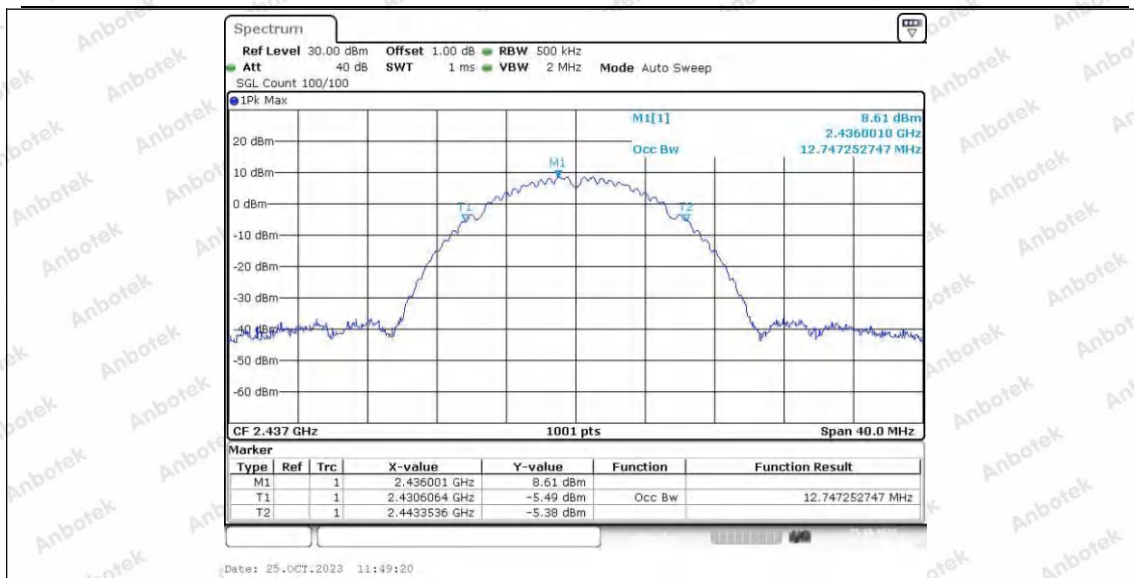


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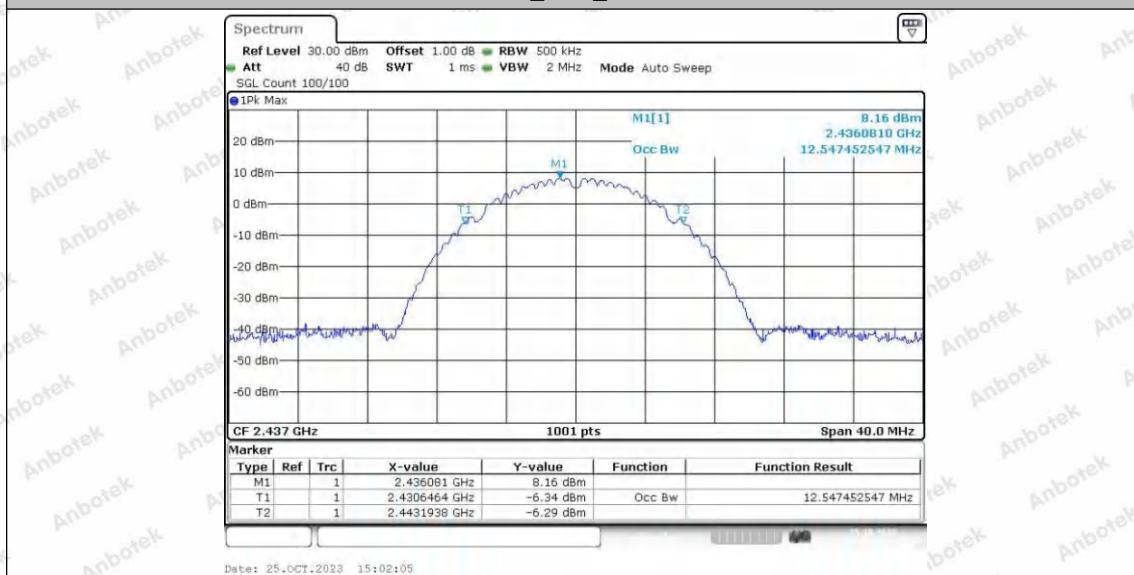


11B\_Ant1\_2437



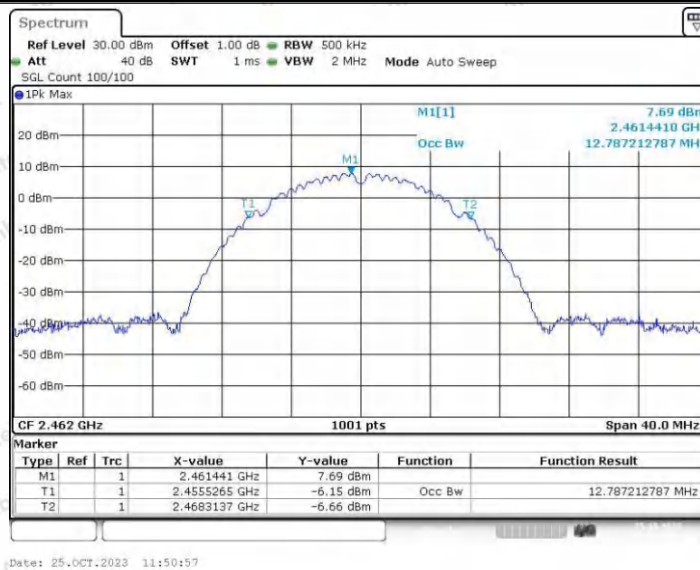


11B\_Ant2\_2437

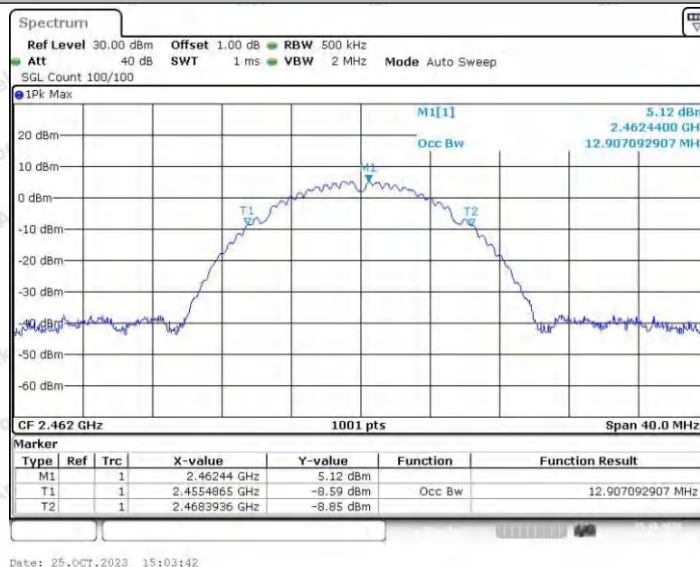


11B\_Ant1\_2462





11B\_Ant2\_2462



11G\_Ant1\_2412

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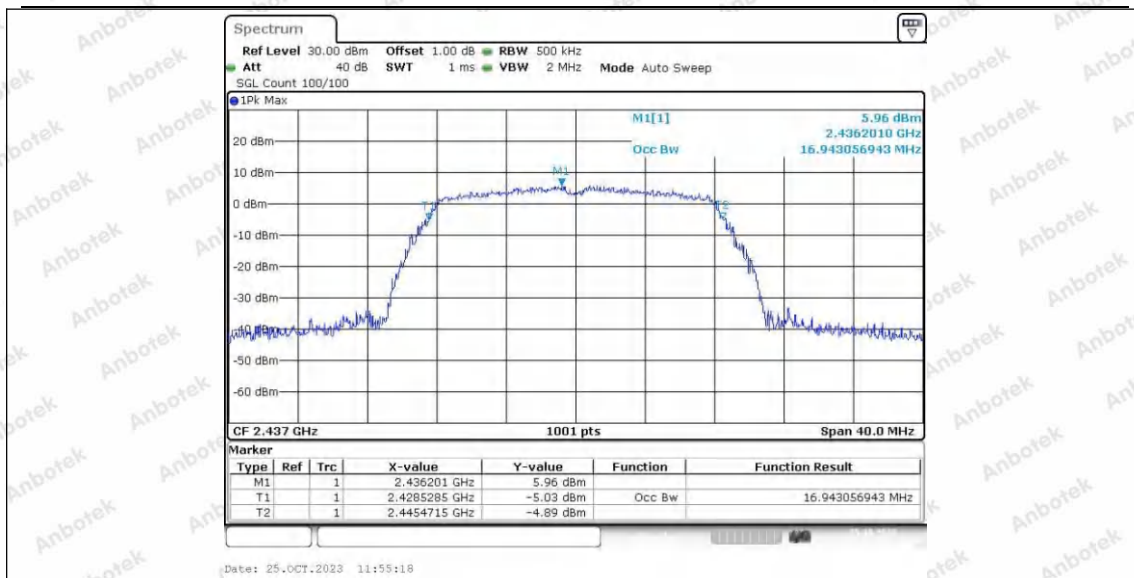
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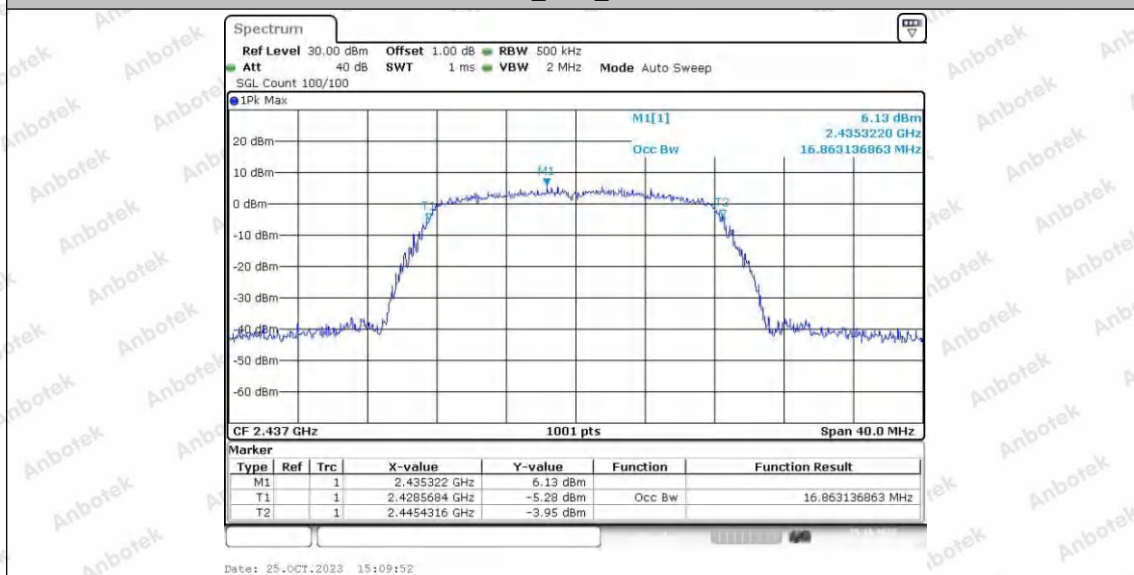


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11G\_Ant2\_2437



11G\_Ant1\_2462

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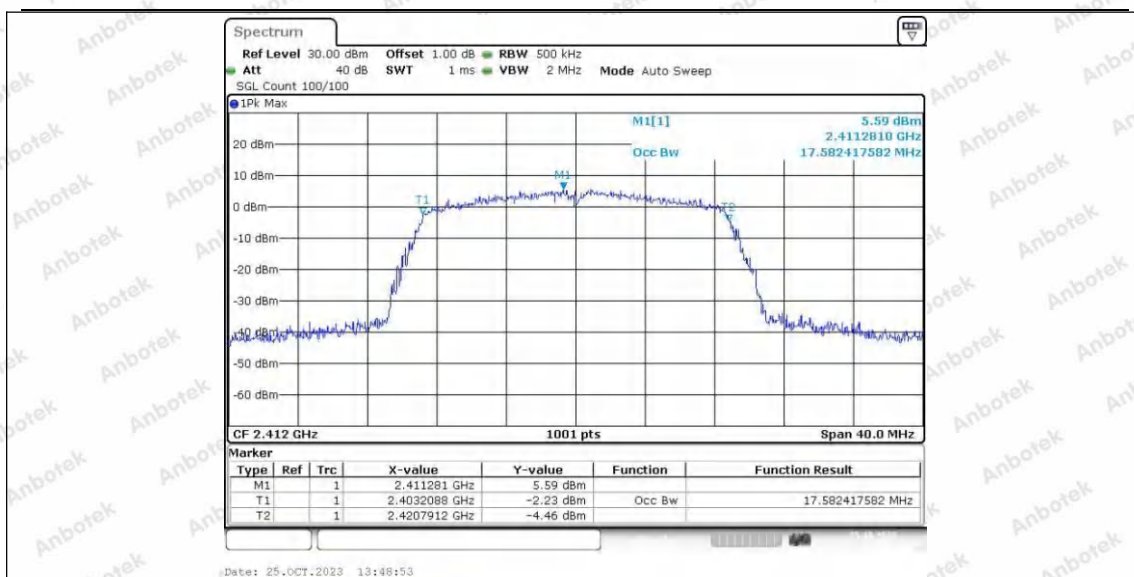
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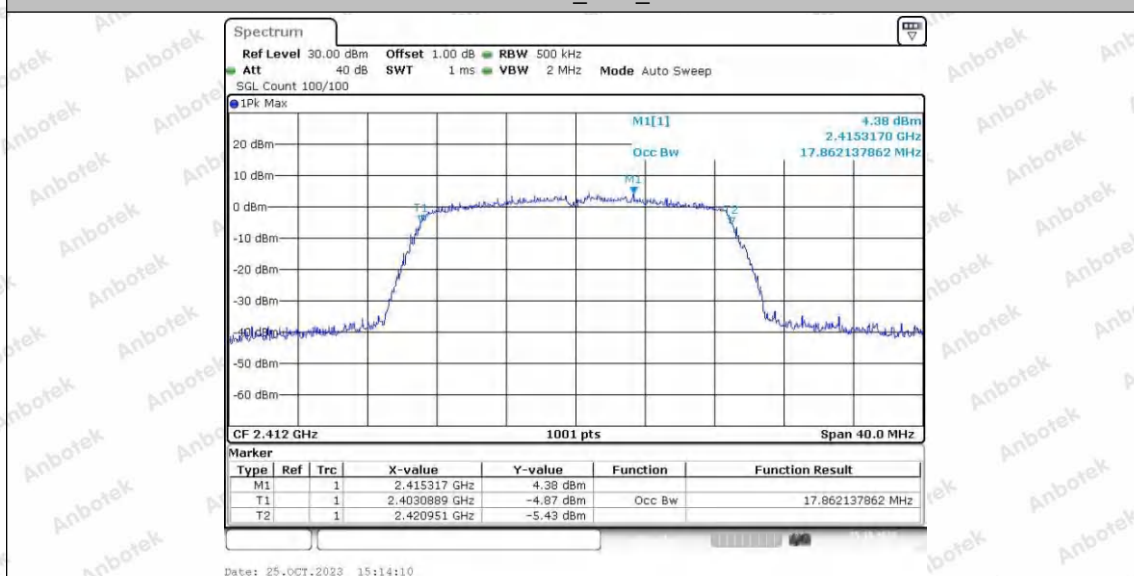


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11N20SISO\_Ant2\_2412



11N20SISO\_Ant1\_2437

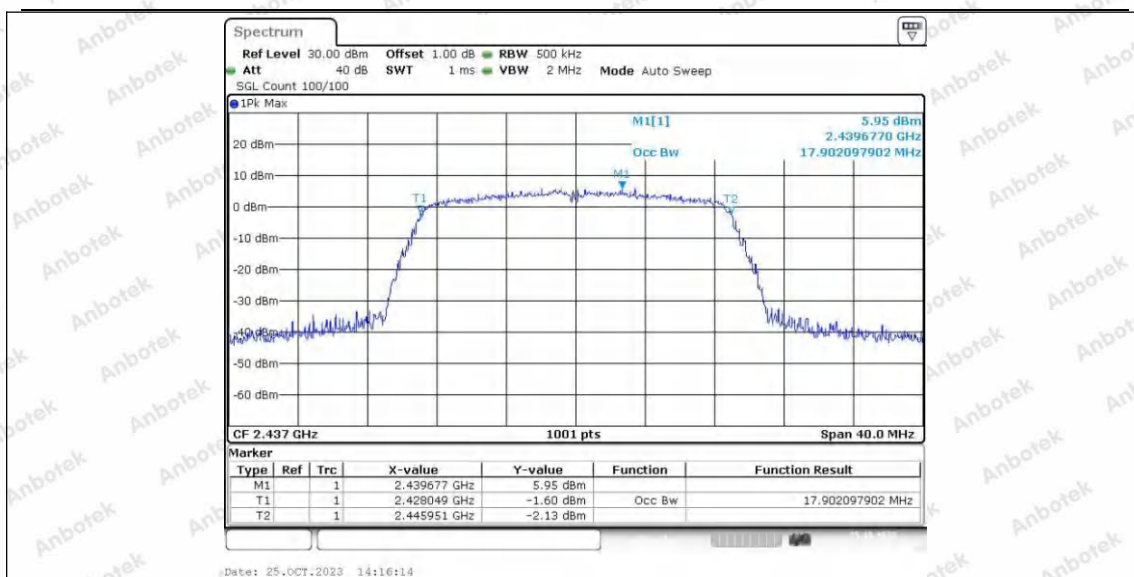
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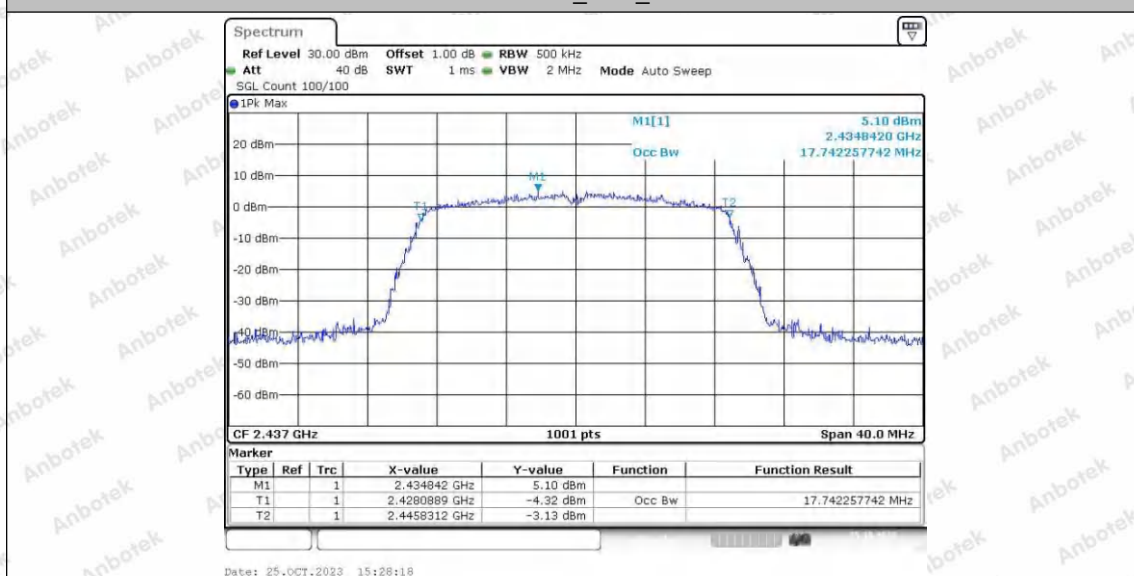


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11N20SISO\_Ant2\_2437



11N20SISO\_Ant1\_2462

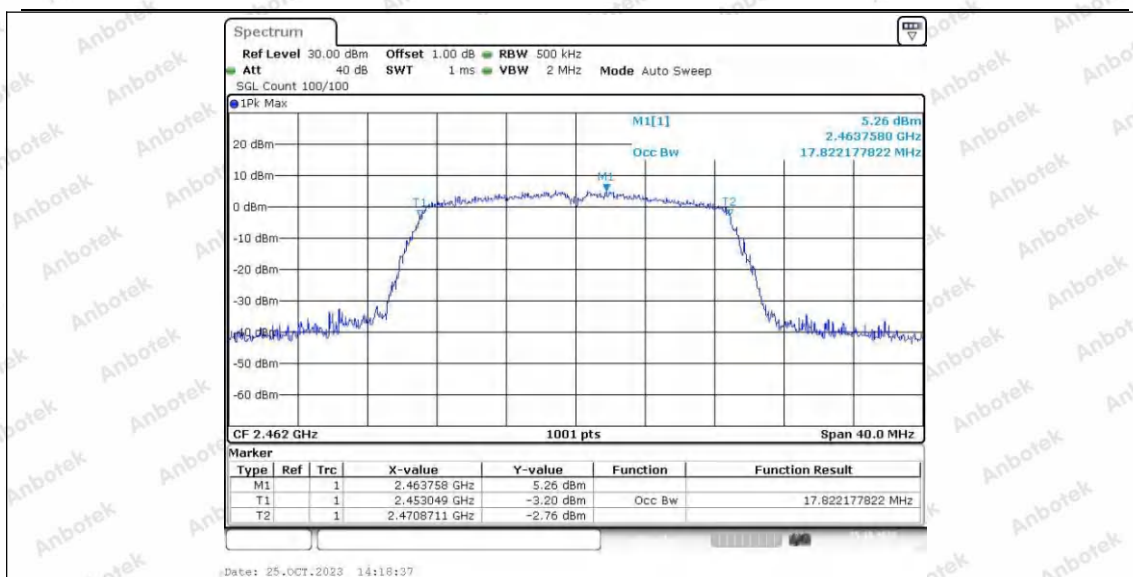
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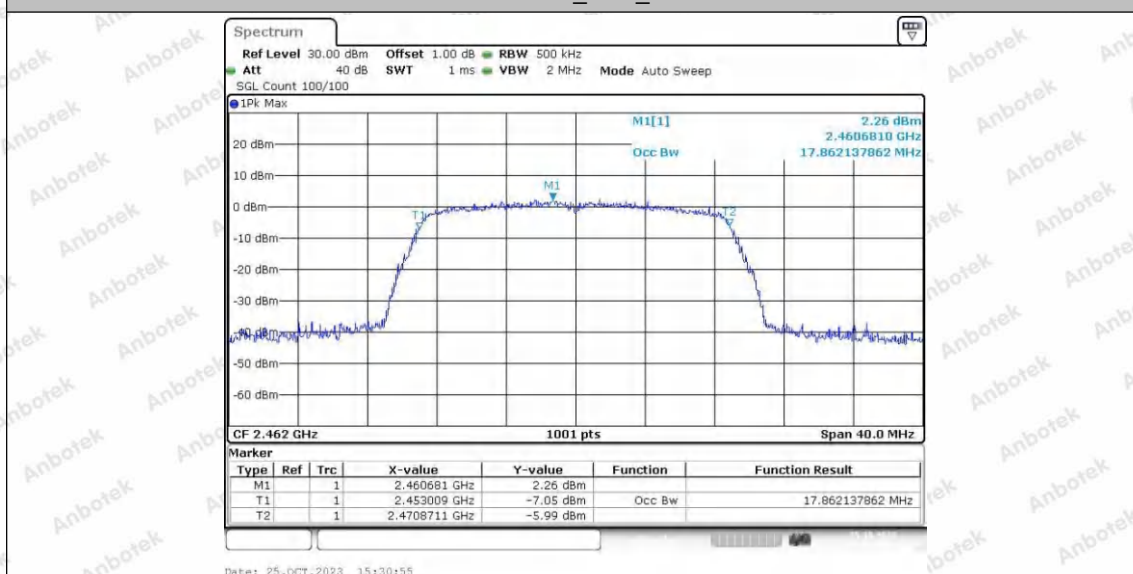


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11N20SISO\_Ant2\_2462



11N40SISO\_Ant1\_2422

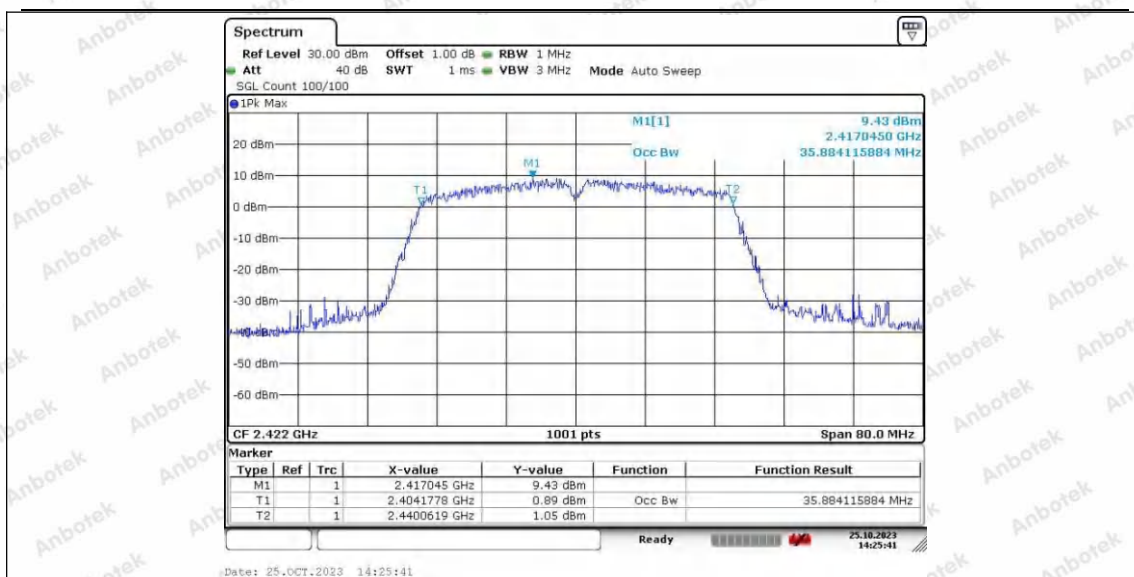
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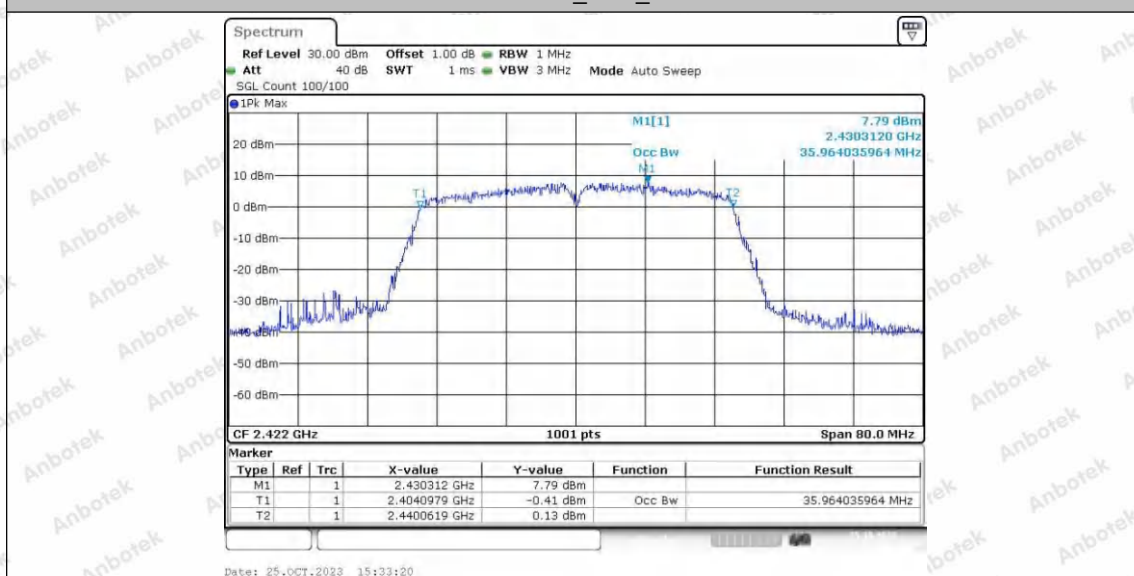


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11N40SISO\_Ant2\_2422



11N40SISO\_Ant1\_2437

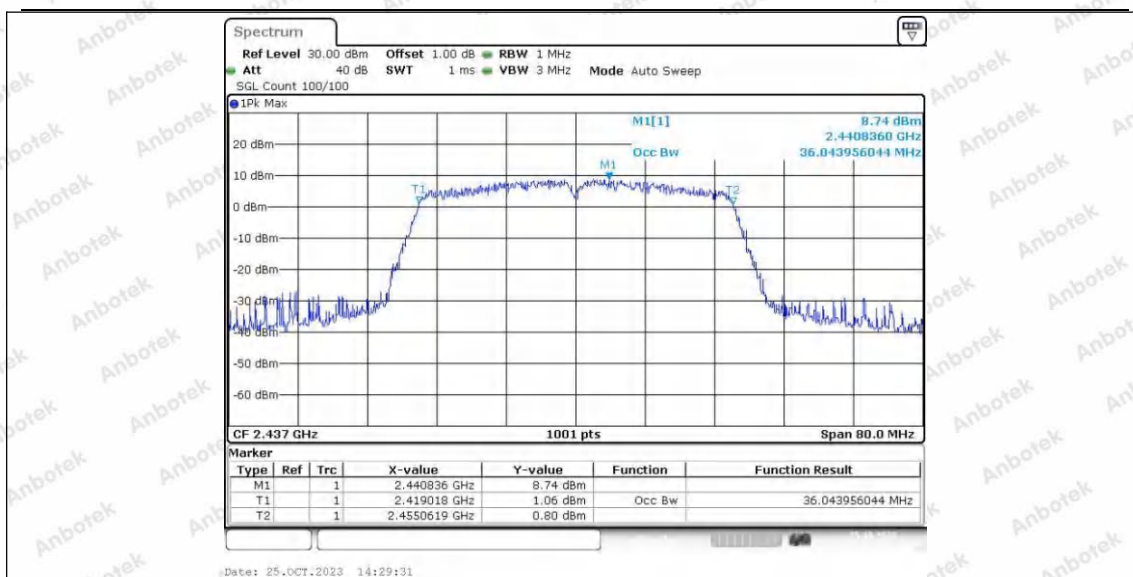
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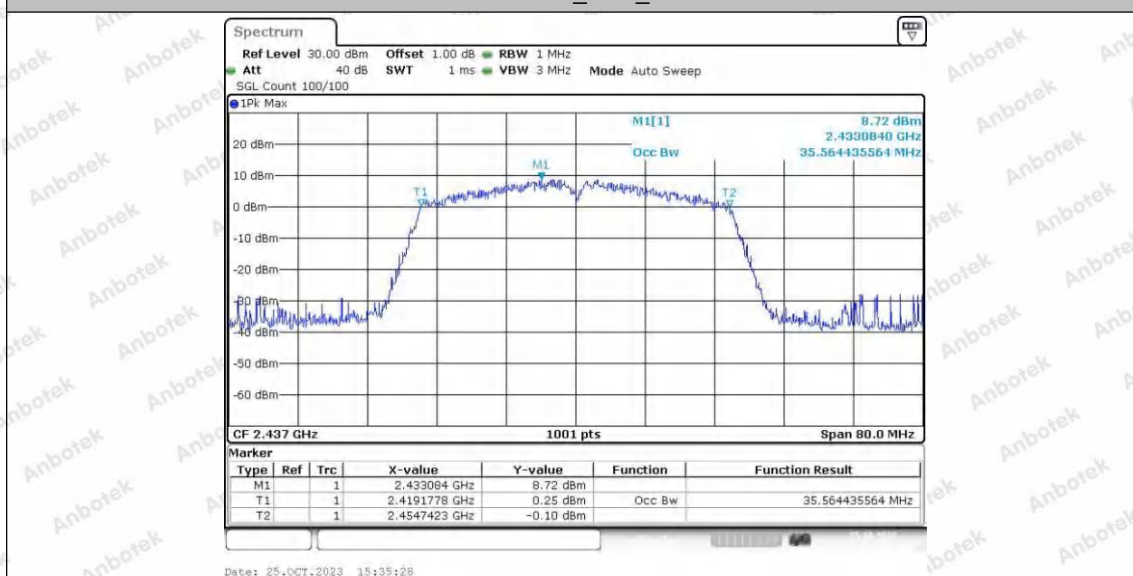


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11N40SISO\_Ant2\_2437



11N40SISO\_Ant1\_2452



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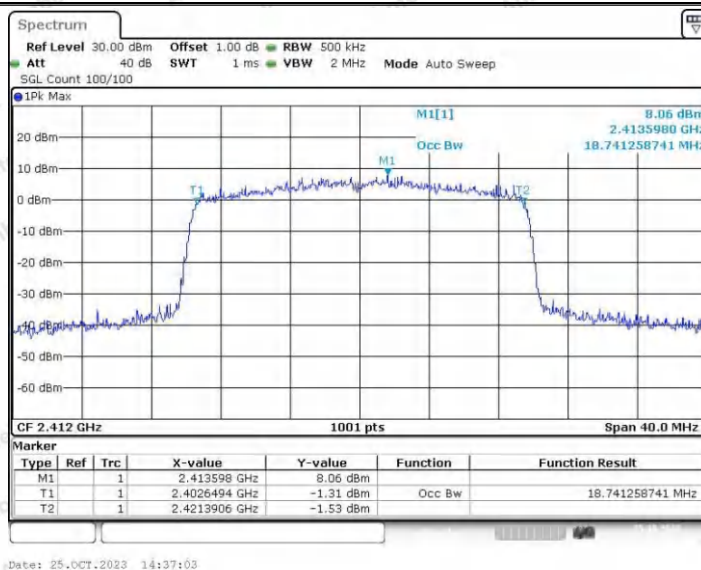


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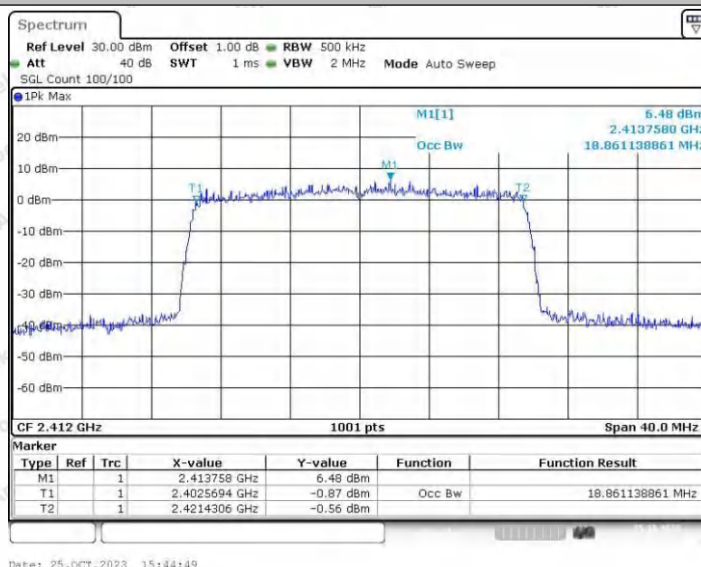
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11AX20SISO\_Ant2\_2412



11AX20SISO\_Ant1\_2437

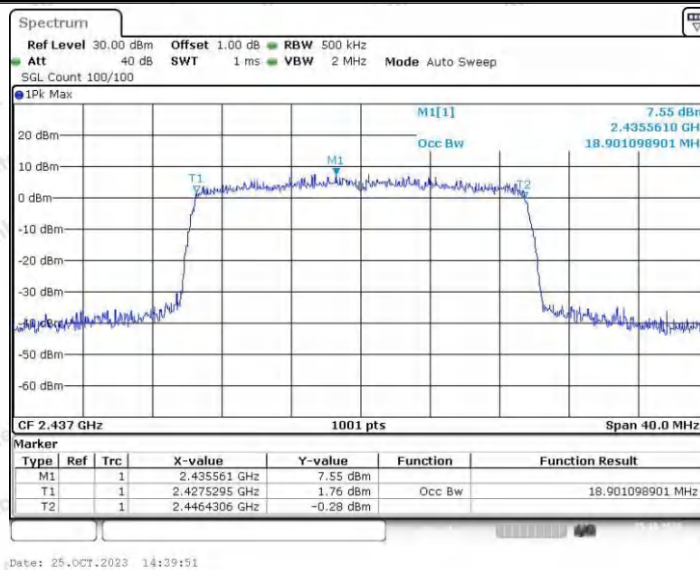
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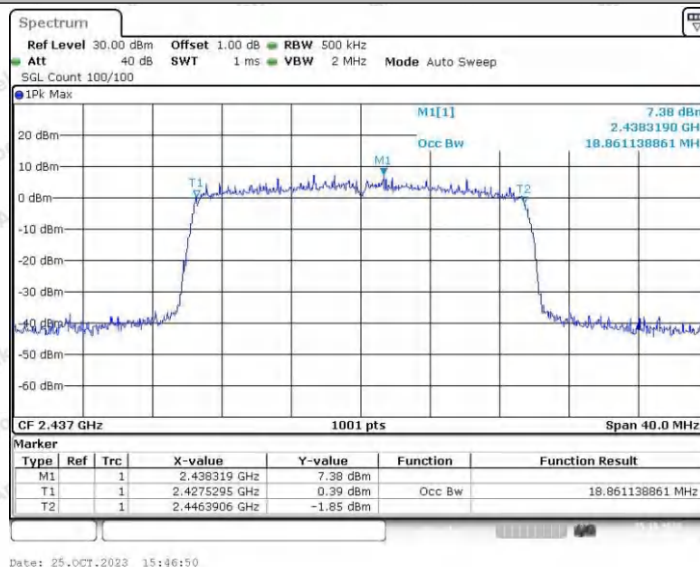


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11AX20SISO\_Ant2\_2437



11AX20SISO\_Ant1\_2462

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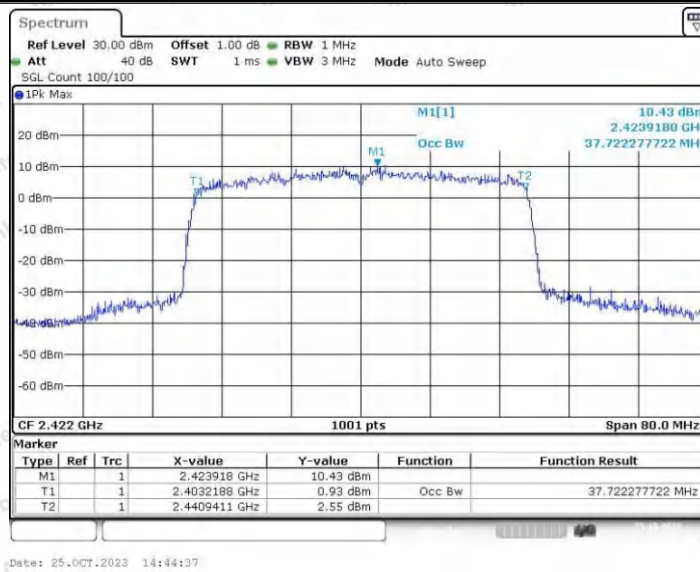
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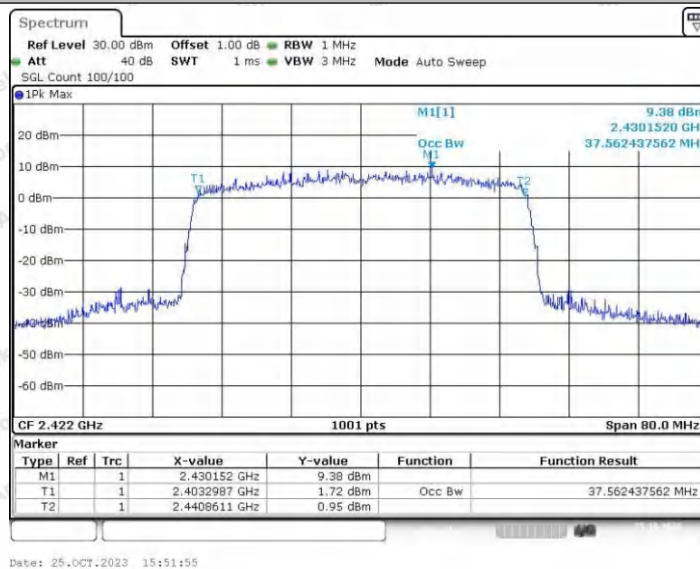


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11AX40SISO\_Ant2\_2422



11AX40SISO\_Ant1\_2437

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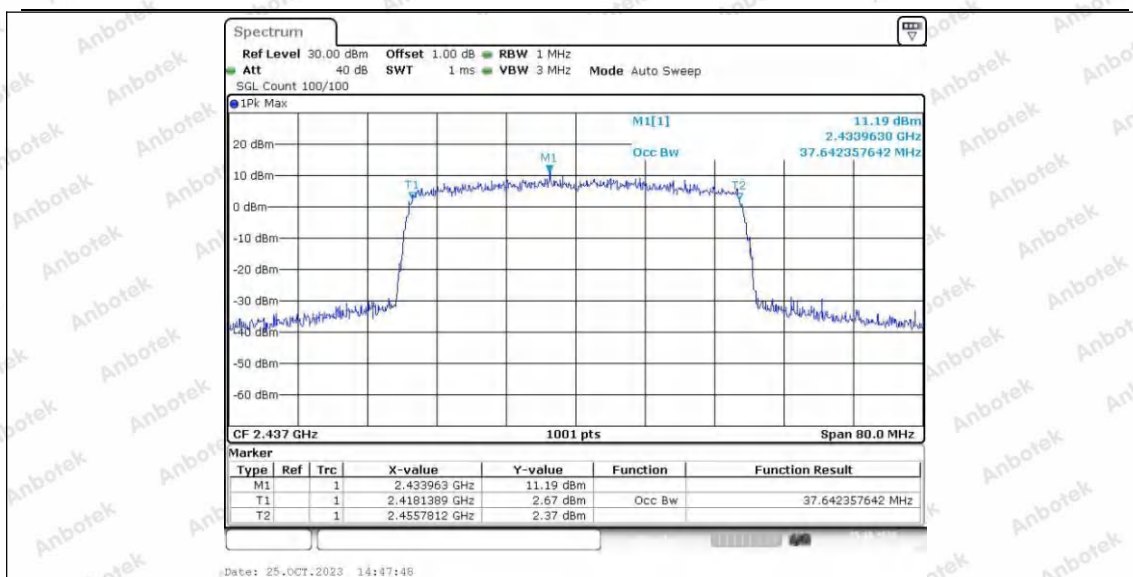


Hotline

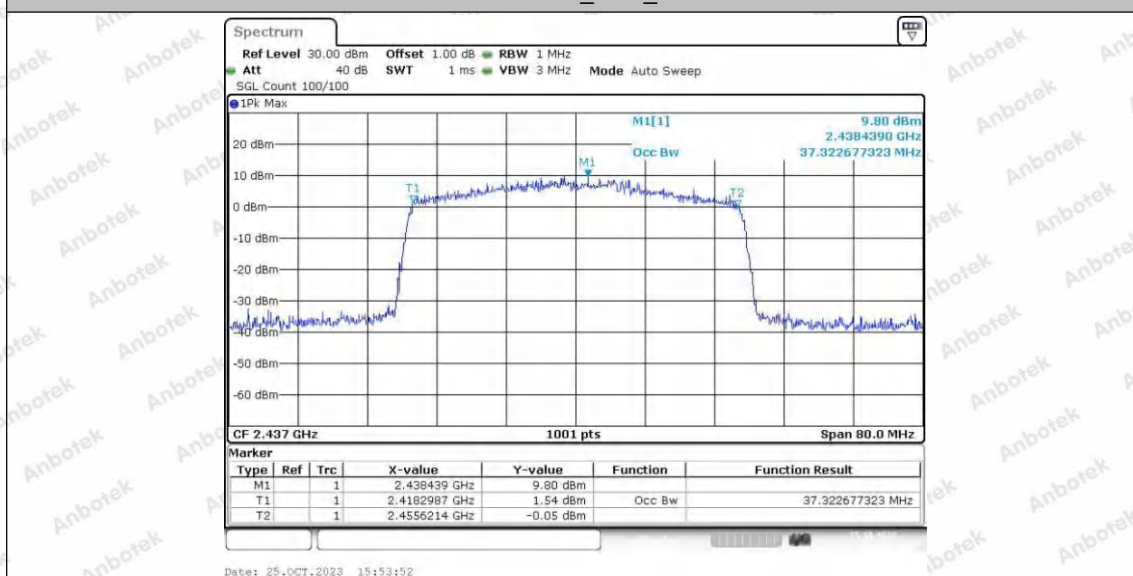
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11AX40SISO\_Ant2\_2437



11AX40SISO\_Ant1\_2452

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## Appendix C: Maximum conducted output power

### Test Result Peak

| TestMode   | Antenna | Frequency[MHz] | Peak Power[dBm] | Conducted Limit[dBm] |
|------------|---------|----------------|-----------------|----------------------|
| 11B        | Ant1    | 2412           | 19.18           | ≤30.00               |
|            | Ant2    | 2412           | 17.68           | ≤30.00               |
|            | Ant1    | 2437           | 19.45           | ≤30.00               |
|            | Ant2    | 2437           | 18.91           | ≤30.00               |
|            | Ant1    | 2462           | 18.62           | ≤30.00               |
|            | Ant2    | 2462           | 16.12           | ≤30.00               |
| 11G        | Ant1    | 2412           | 19.53           | ≤30.00               |
|            | Ant2    | 2412           | 17.69           | ≤30.00               |
|            | Ant1    | 2437           | 19.55           | ≤30.00               |
|            | Ant2    | 2437           | 18.67           | ≤30.00               |
|            | Ant1    | 2462           | 18.91           | ≤30.00               |
|            | Ant2    | 2462           | 16.32           | ≤30.00               |
| 11N20SISO  | Ant1    | 2412           | 19.30           | ≤30.00               |
|            | Ant2    | 2412           | 17.72           | ≤30.00               |
|            | Ant1    | 2437           | 19.62           | ≤30.00               |
|            | Ant2    | 2437           | 18.53           | ≤30.00               |
|            | Ant1    | 2462           | 18.99           | ≤30.00               |
|            | Ant2    | 2462           | 16.29           | ≤30.00               |
| 11N40SISO  | Ant1    | 2422           | 19.63           | ≤30.00               |
|            | Ant2    | 2422           | 18.34           | ≤30.00               |
|            | Ant1    | 2437           | 19.64           | ≤30.00               |
|            | Ant2    | 2437           | 18.98           | ≤30.00               |
|            | Ant1    | 2452           | 19.36           | ≤30.00               |
|            | Ant2    | 2452           | 16.99           | ≤30.00               |
| 11AX20SISO | Ant1    | 2412           | 19.76           | ≤30.00               |
|            | Ant2    | 2412           | 18.21           | ≤30.00               |
|            | Ant1    | 2437           | 20.09           | ≤30.00               |
|            | Ant2    | 2437           | 19.11           | ≤30.00               |
|            | Ant1    | 2462           | 19.41           | ≤30.00               |
|            | Ant2    | 2462           | 16.79           | ≤30.00               |
| 11AX40SISO | Ant1    | 2422           | 20.01           | ≤30.00               |
|            | Ant2    | 2422           | 18.60           | ≤30.00               |
|            | Ant1    | 2437           | 20.00           | ≤30.00               |
|            | Ant2    | 2437           | 19.23           | ≤30.00               |
|            | Ant1    | 2452           | 19.64           | ≤30.00               |



|  |      |      |       |        |
|--|------|------|-------|--------|
|  | Ant2 | 2452 | 17.23 | ≤30.00 |
|--|------|------|-------|--------|

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## Appendix D: Maximum power spectral density

### Test Result

| TestMode   | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|------------|---------|----------------|------------------|-----------------|---------|
| 11B        | Ant1    | 2412           | -7.65            | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -7.7             | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -6.05            | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -7.07            | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -6.83            | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -9.5             | ≤8.00           | PASS    |
| 11G        | Ant1    | 2412           | -12.09           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -14.65           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -12.56           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -13.07           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -13.45           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -15.81           | ≤8.00           | PASS    |
| 11N20SISO  | Ant1    | 2412           | -12.22           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -13.88           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -13.22           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -14.27           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -13.09           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -15.76           | ≤8.00           | PASS    |
| 11N40SISO  | Ant1    | 2422           | -14.33           | ≤8.00           | PASS    |
|            | Ant2    | 2422           | -14.39           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -13.04           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -14.24           | ≤8.00           | PASS    |
|            | Ant1    | 2452           | -14.59           | ≤8.00           | PASS    |
|            | Ant2    | 2452           | -17.02           | ≤8.00           | PASS    |
| 11AX20SISO | Ant1    | 2412           | -13.46           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -15.81           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -13.47           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -14.07           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -14.05           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -18              | ≤8.00           | PASS    |
| 11AX40SISO | Ant1    | 2422           | -14.55           | ≤8.00           | PASS    |
|            | Ant2    | 2422           | -16.48           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -15.01           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -14.46           | ≤8.00           | PASS    |
|            | Ant1    | 2452           | -14.5            | ≤8.00           | PASS    |
|            | Ant2    | 2452           | -17.47           | ≤8.00           | PASS    |

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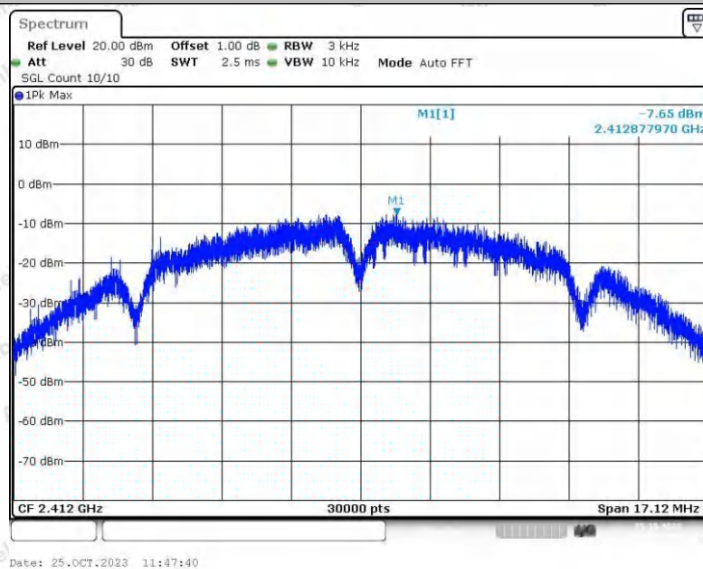


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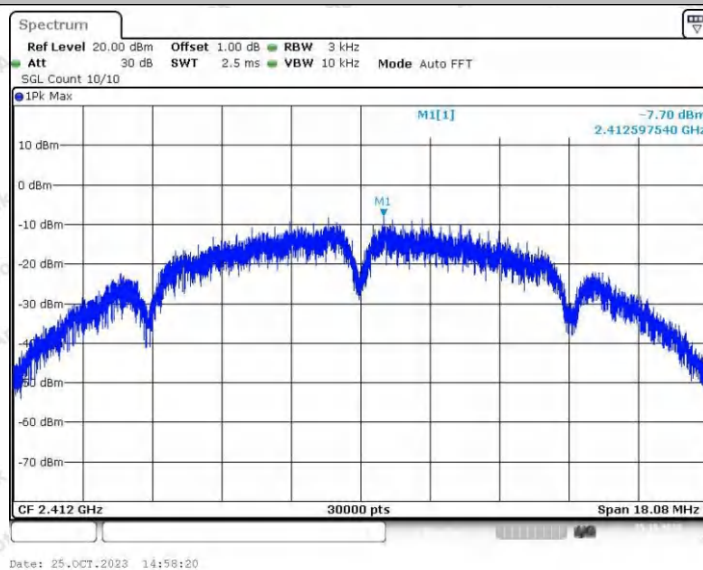


## Test Graphs

11B\_Ant1\_2412



11B\_Ant2\_2412



11B\_Ant1\_2437

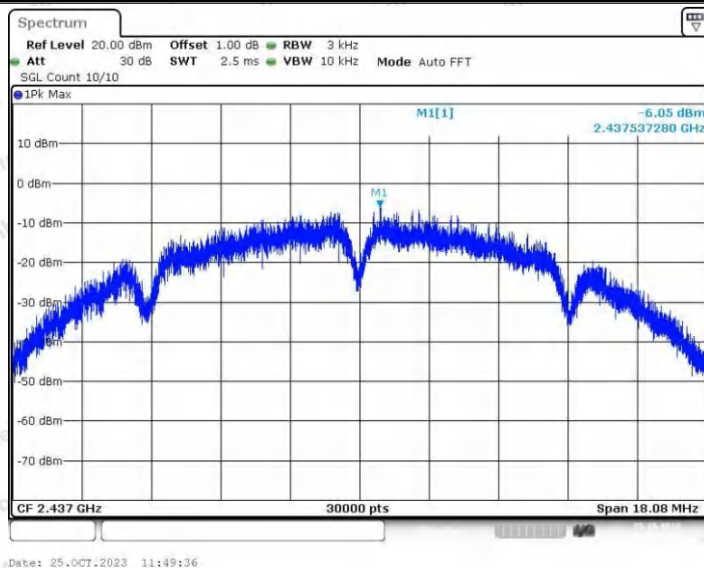
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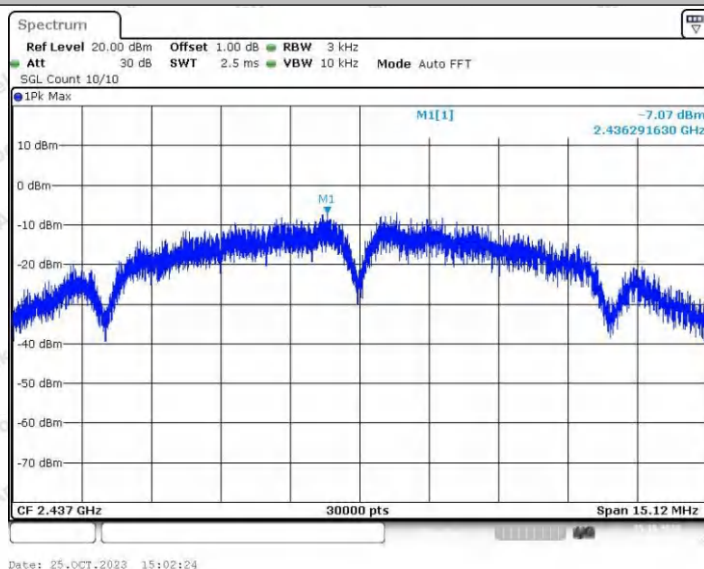


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11B\_Ant2\_2437



11B\_Ant1\_2462

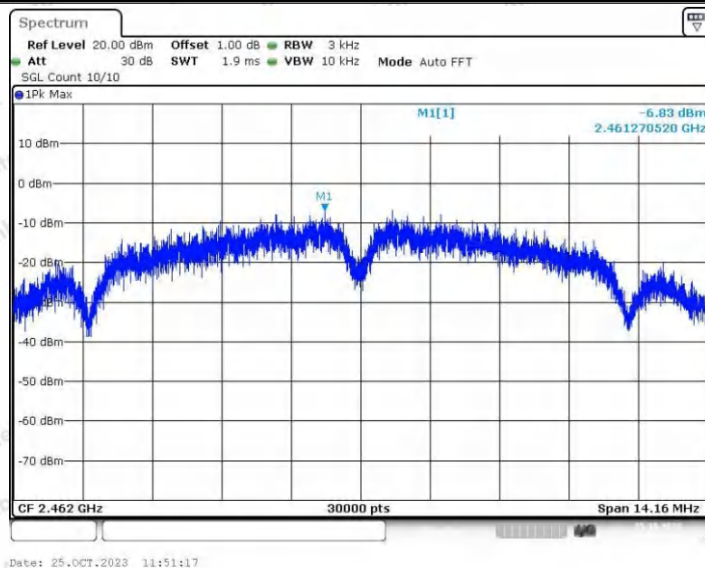
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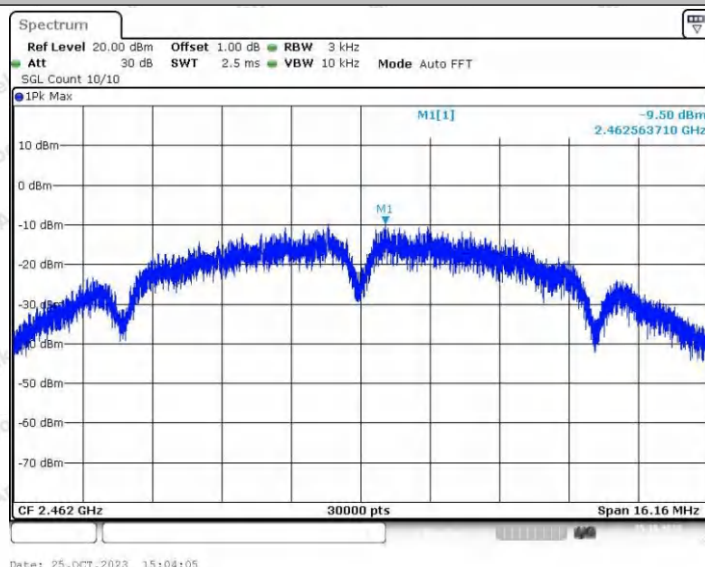


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11B\_Ant2\_2462



11G\_Ant1\_2412

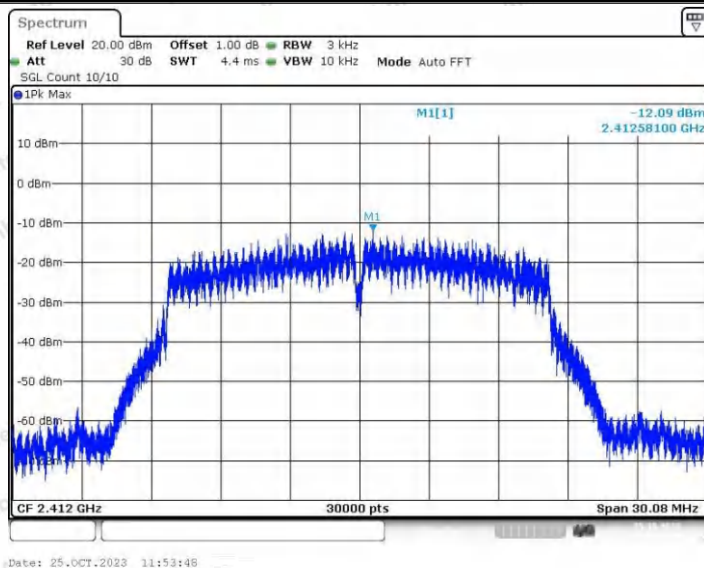
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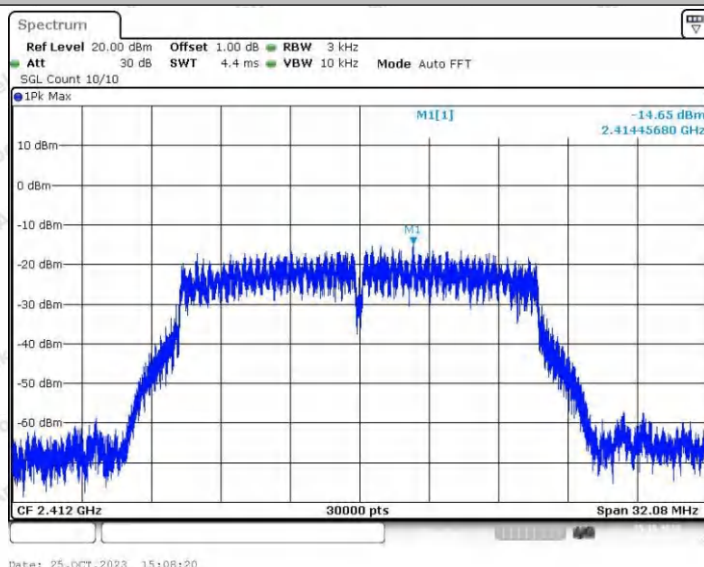


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11G\_Ant2\_2412



11G\_Ant1\_2437

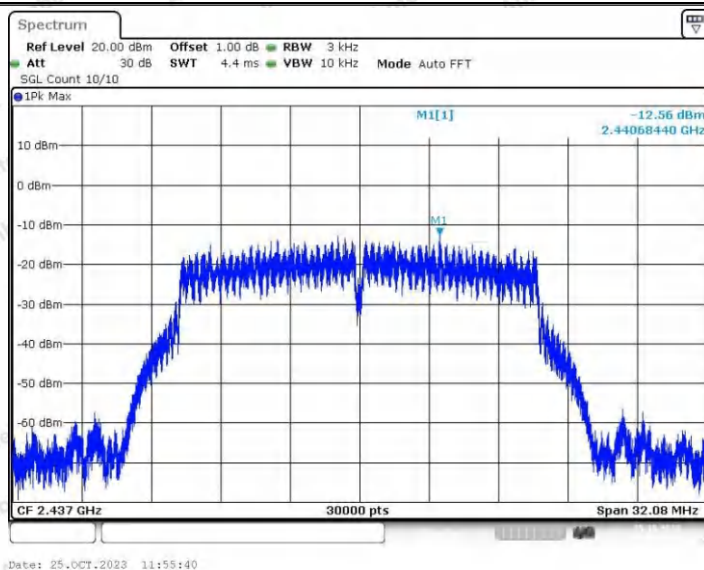
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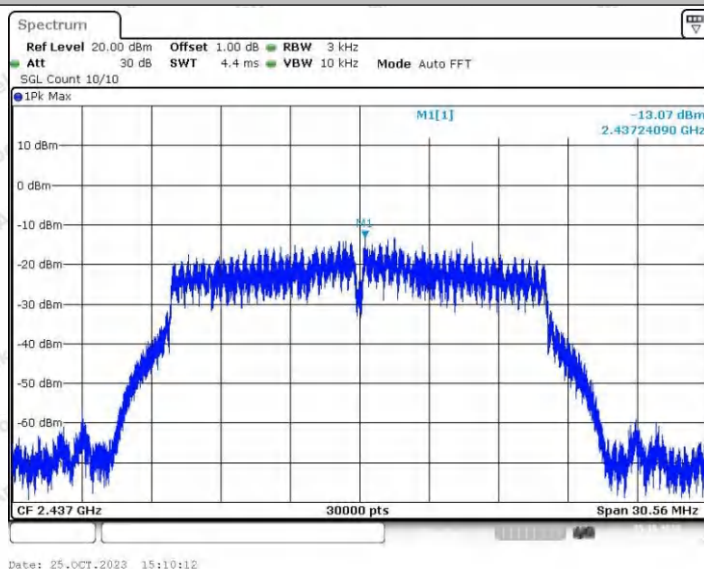


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11G\_Ant2\_2437



11G\_Ant1\_2462

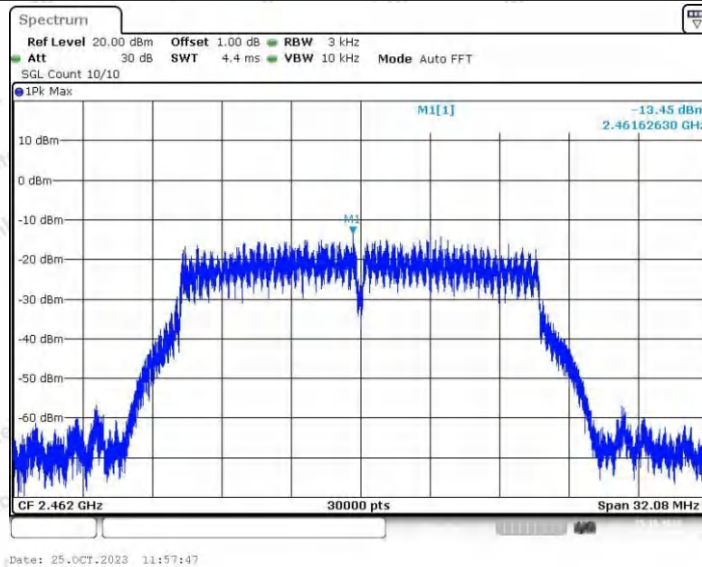
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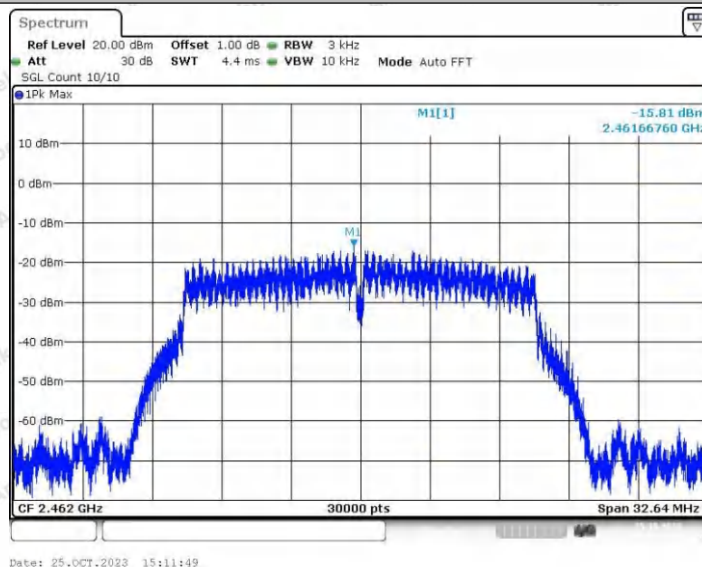


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11G\_Ant2\_2462



11N20SISO\_Ant1\_2412

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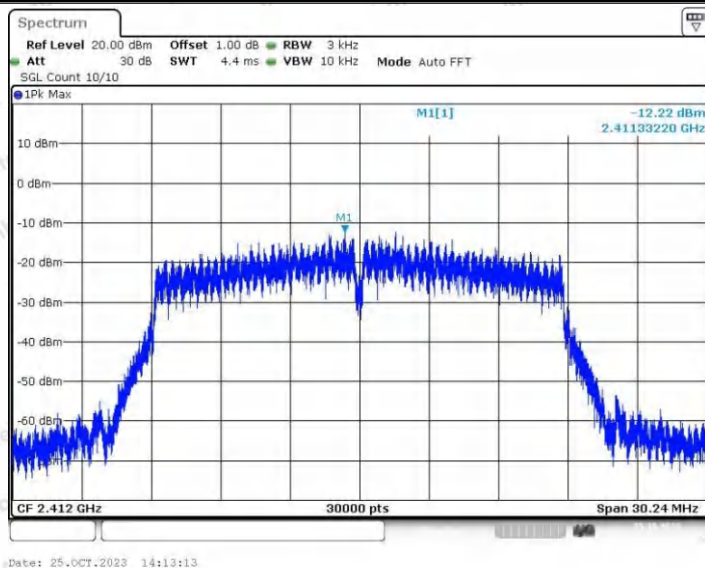


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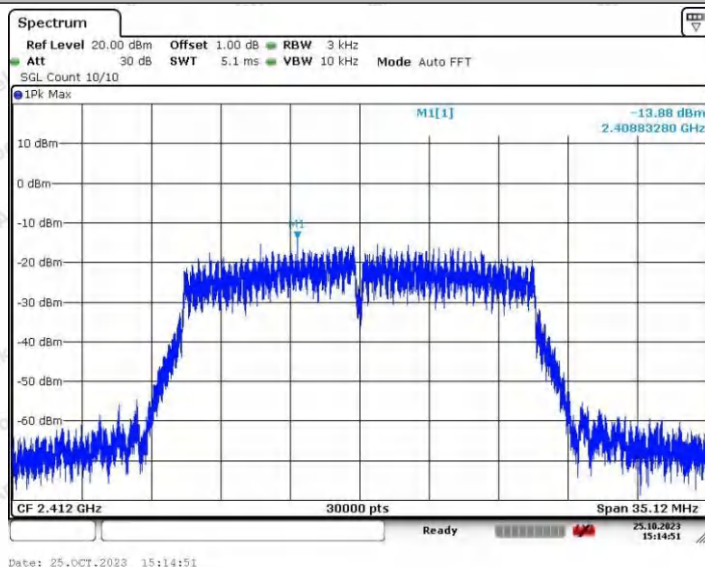
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11N20SISO\_Ant2\_2412



11N20SISO\_Ant1\_2437

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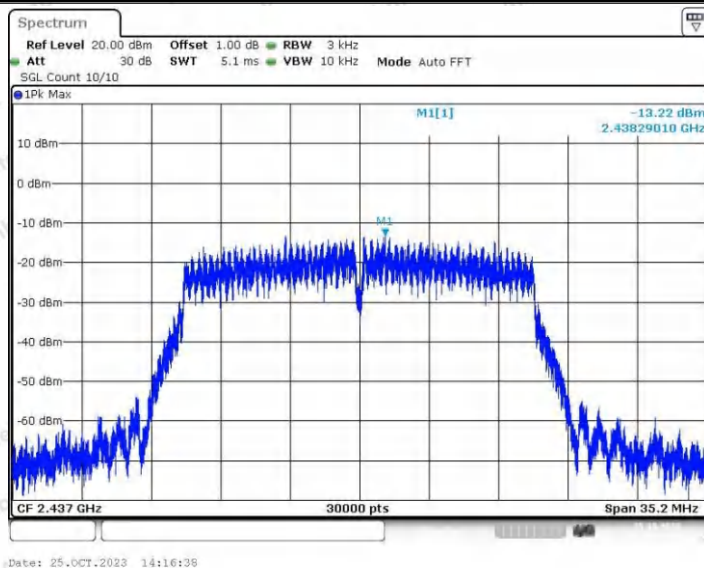


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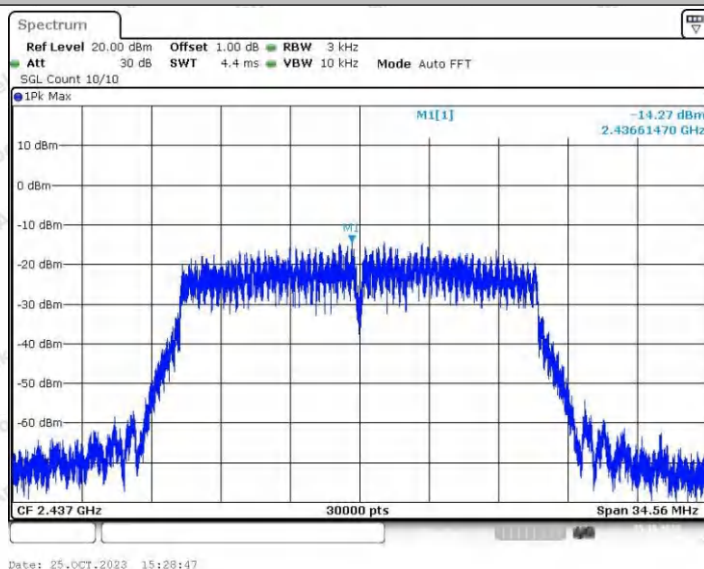
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11N20SISO\_Ant2\_2437



11N20SISO\_Ant1\_2462

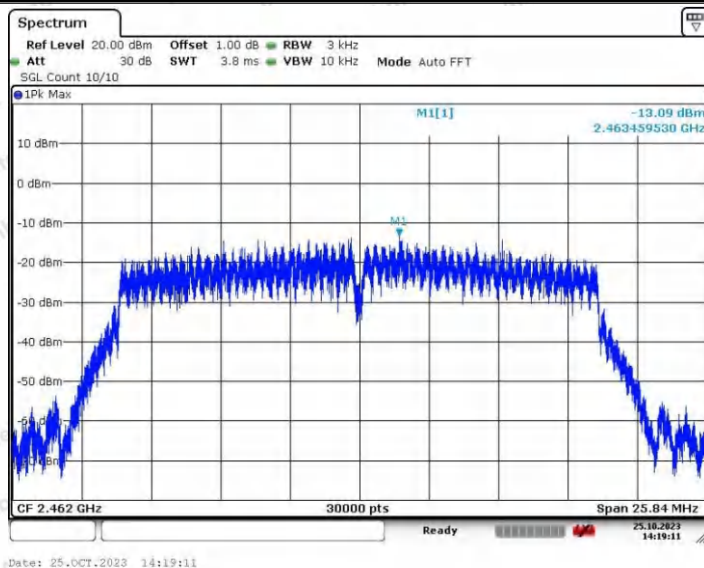
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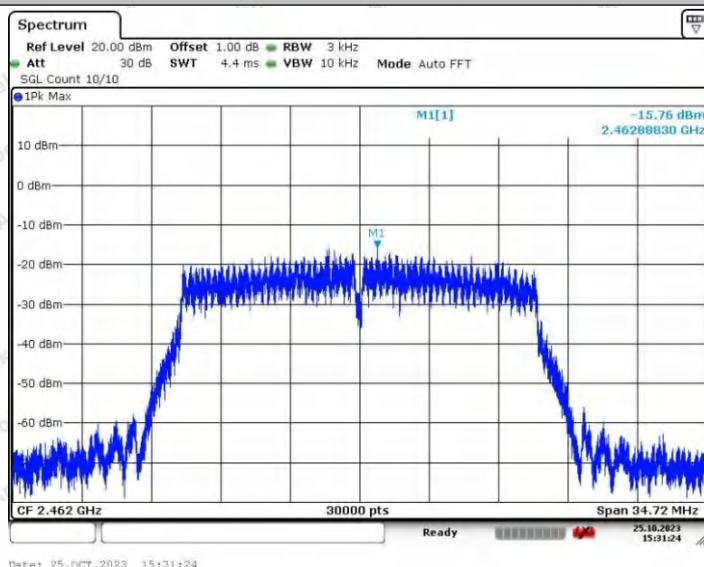


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11N20SISO\_Ant2\_2462



11N40SISO\_Ant1\_2422

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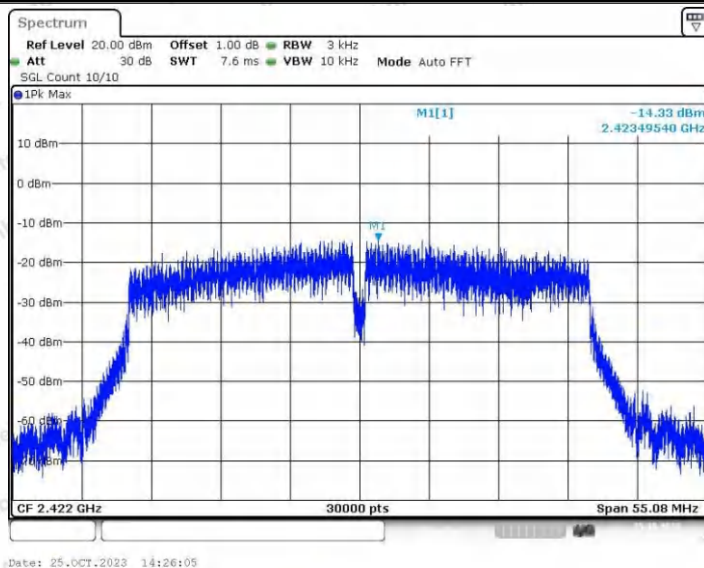


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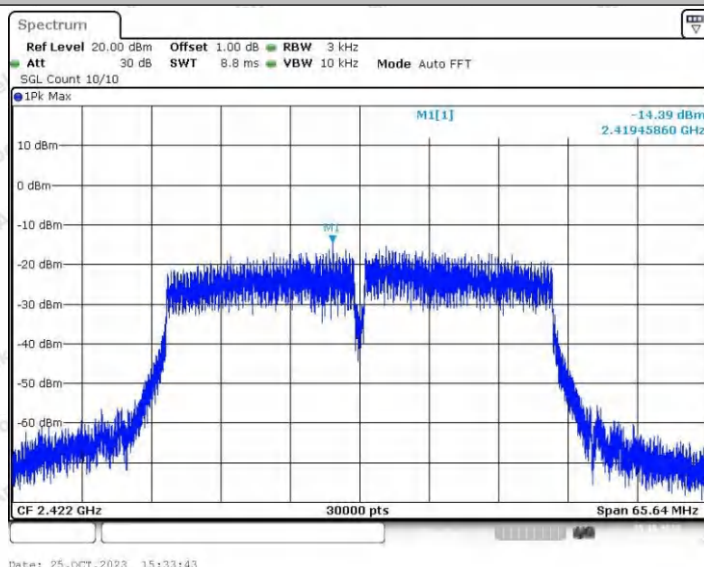
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11N40SISO\_Ant2\_2422



11N40SISO\_Ant1\_2437

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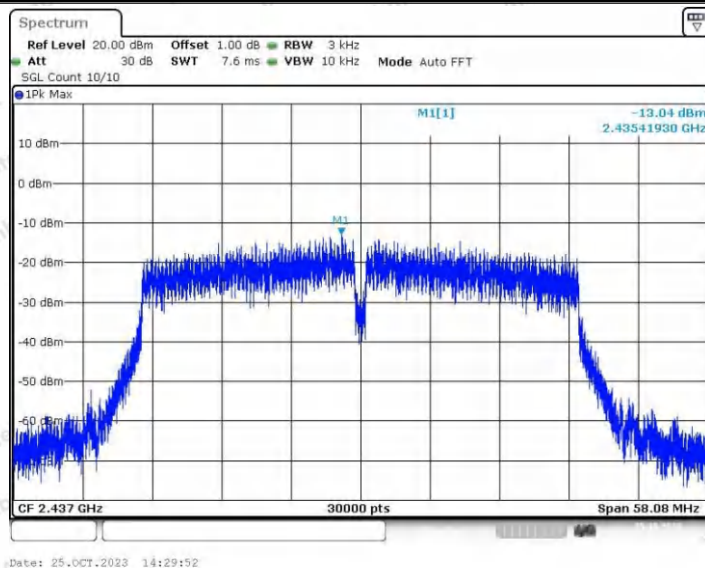


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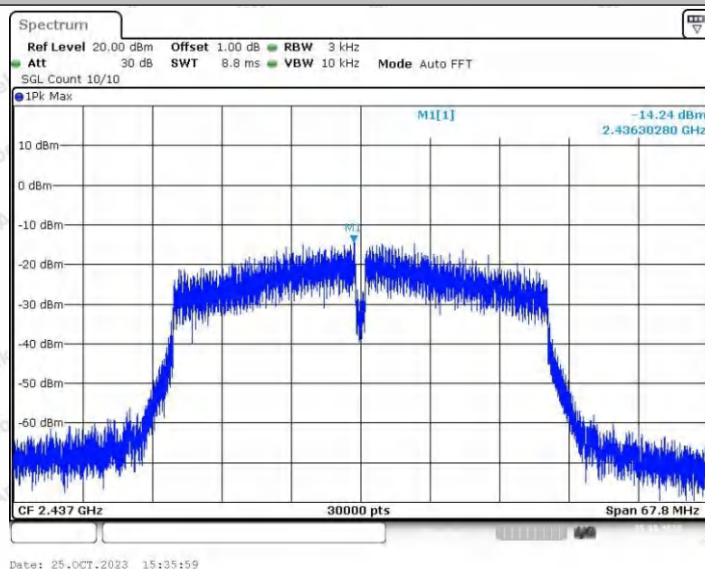
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11N40SISO\_Ant2\_2437



11N40SISO\_Ant1\_2452

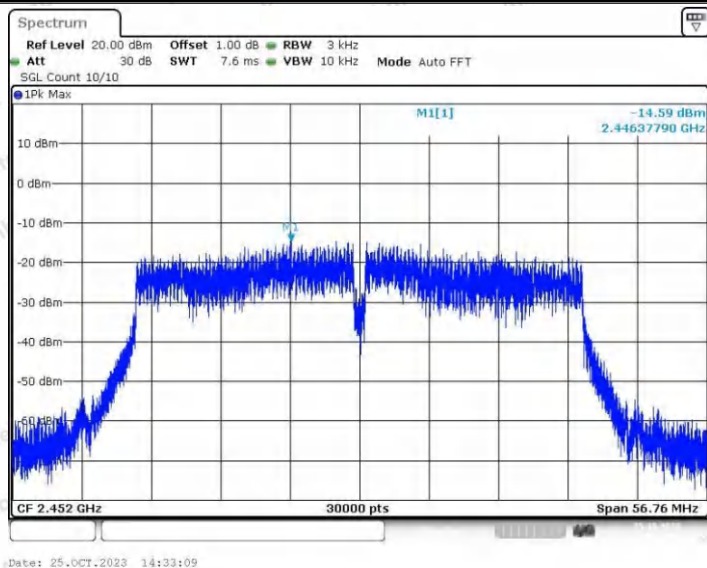
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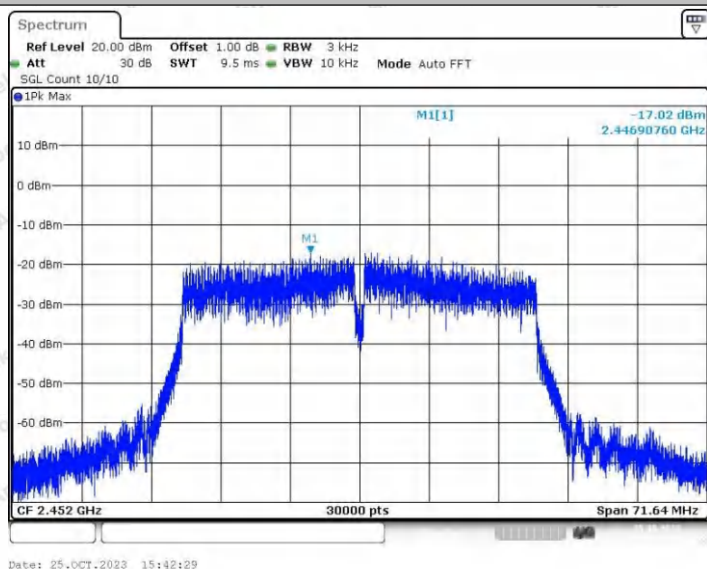


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11N40SISO\_Ant2\_2452



11AX20SISO\_Ant1\_2412

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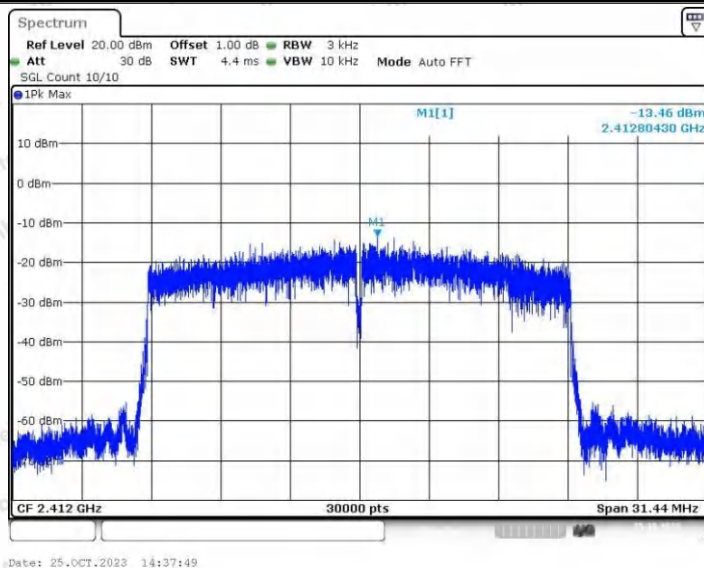


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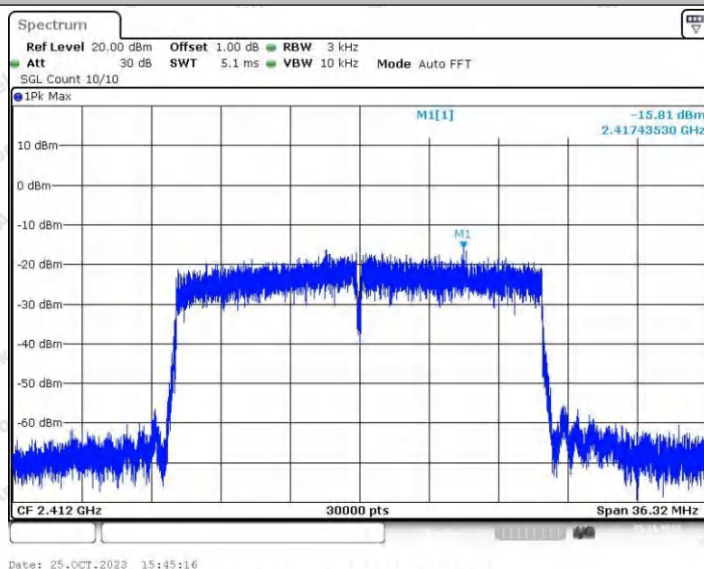
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11AX20SISO\_Ant2\_2412



11AX20SISO\_Ant1\_2437

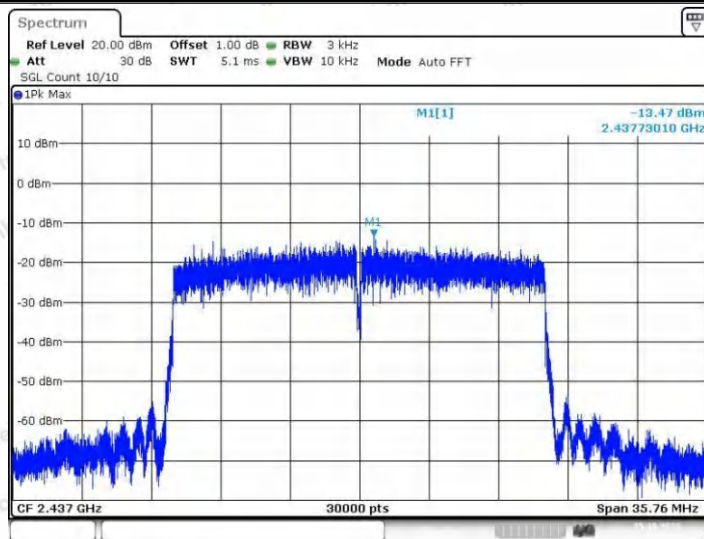
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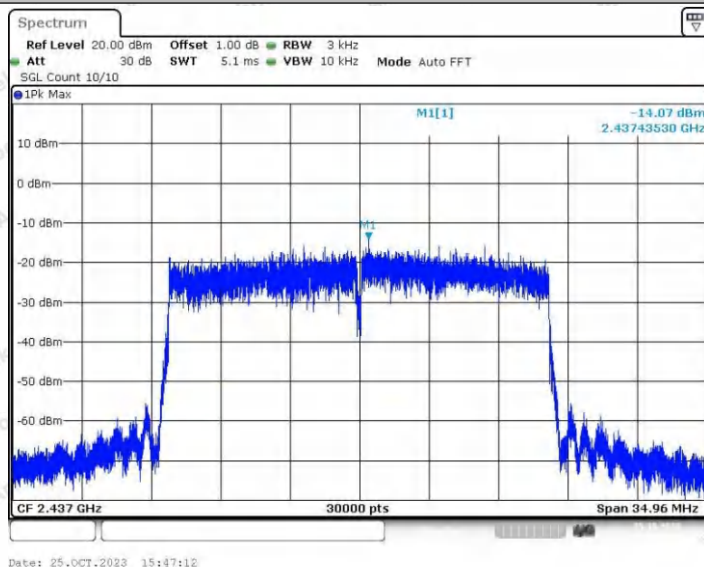


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11AX20SISO\_Ant2\_2437



11AX20SISO\_Ant1\_2462

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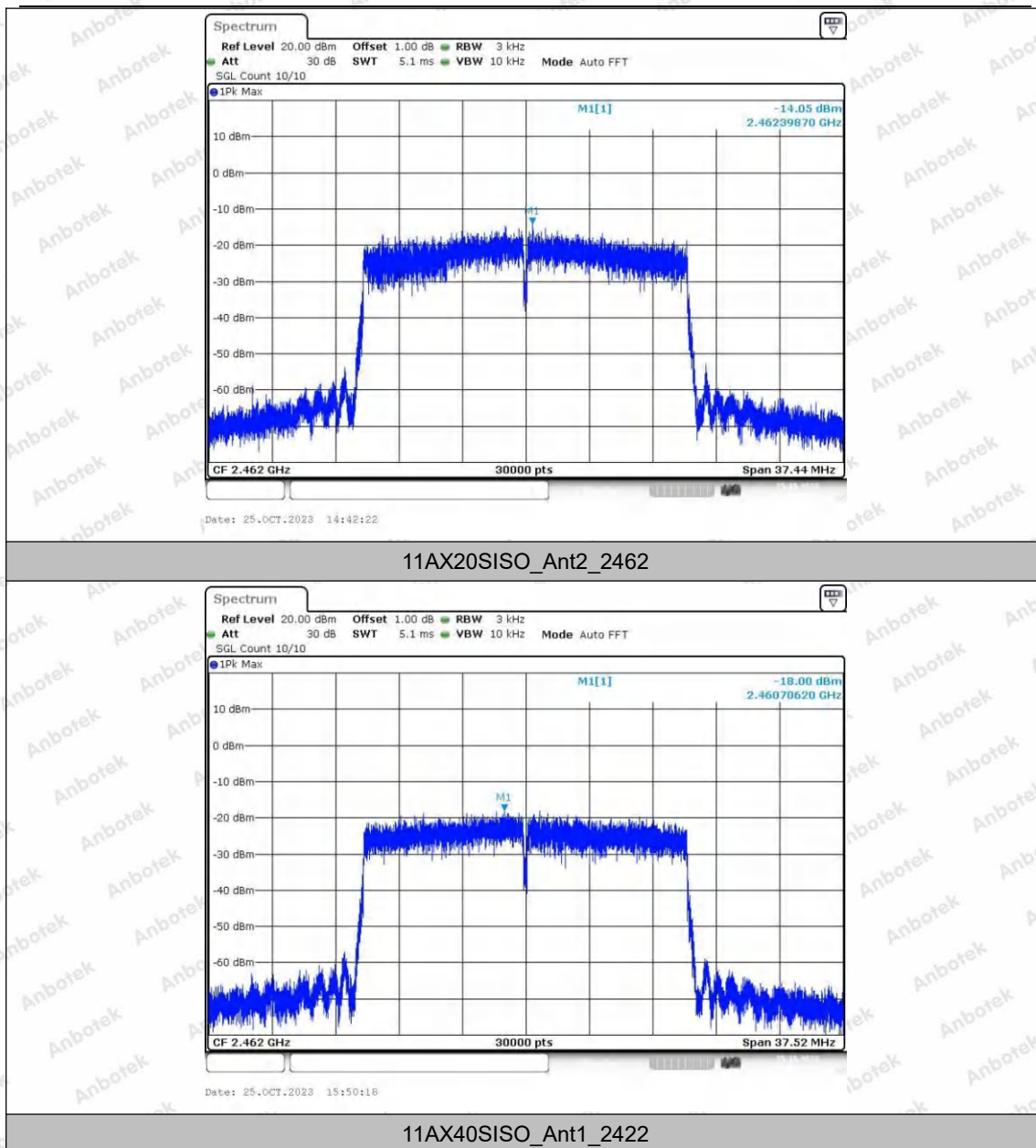


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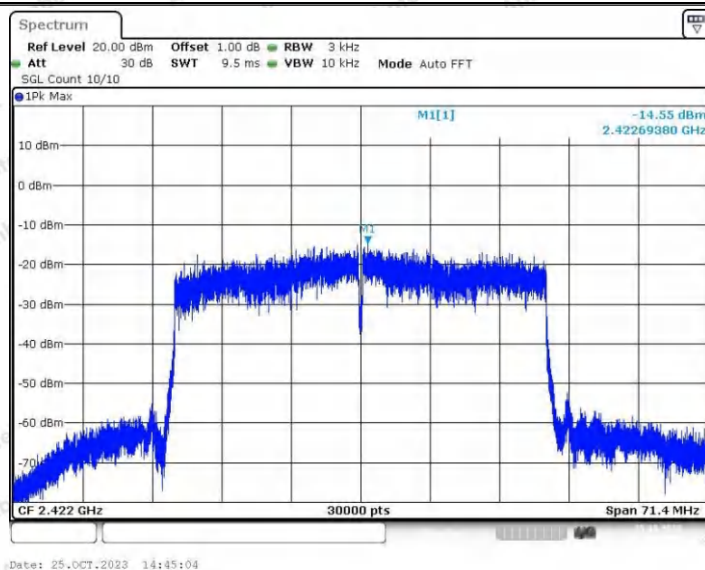


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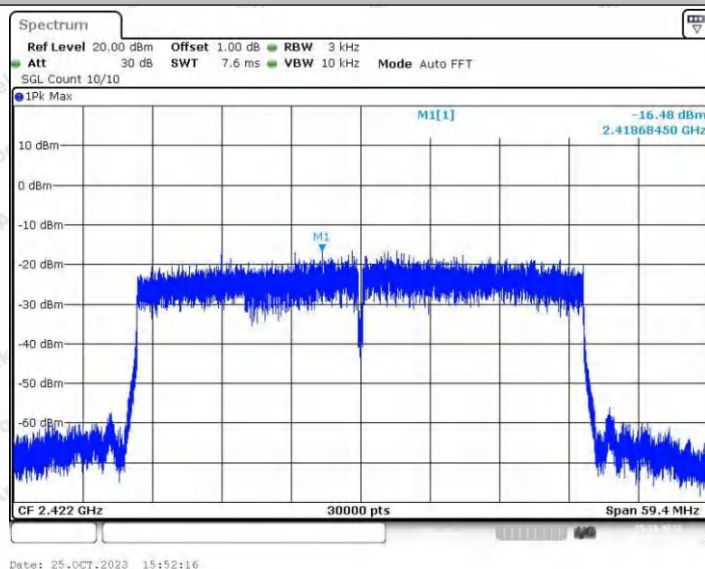
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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11AX40SISO\_Ant2\_2422



11AX40SISO\_Ant1\_2437

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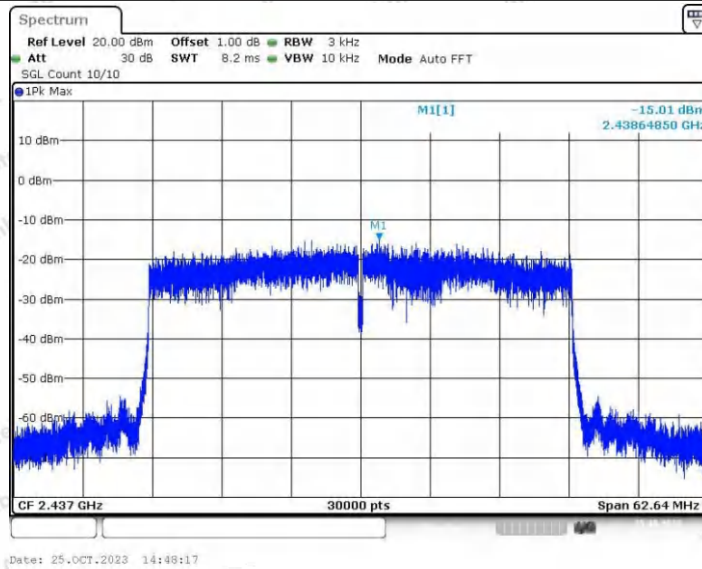


Hotline

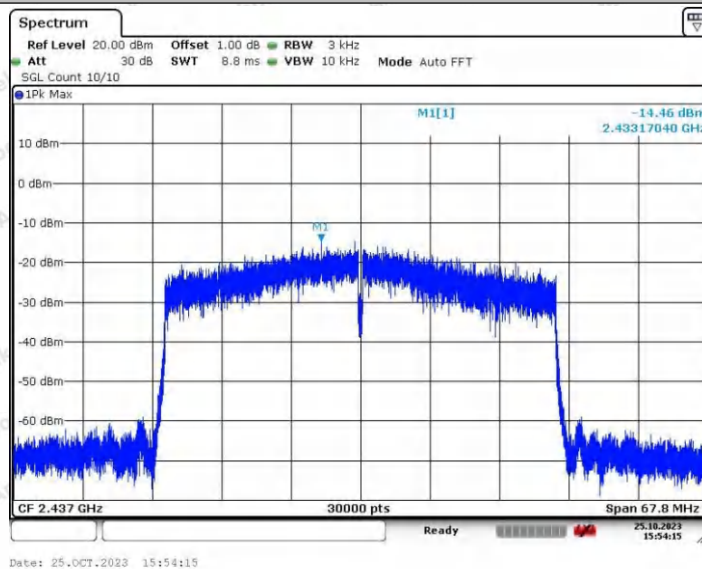
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11AX40SISO\_Ant2\_2437



11AX40SISO\_Ant1\_2452

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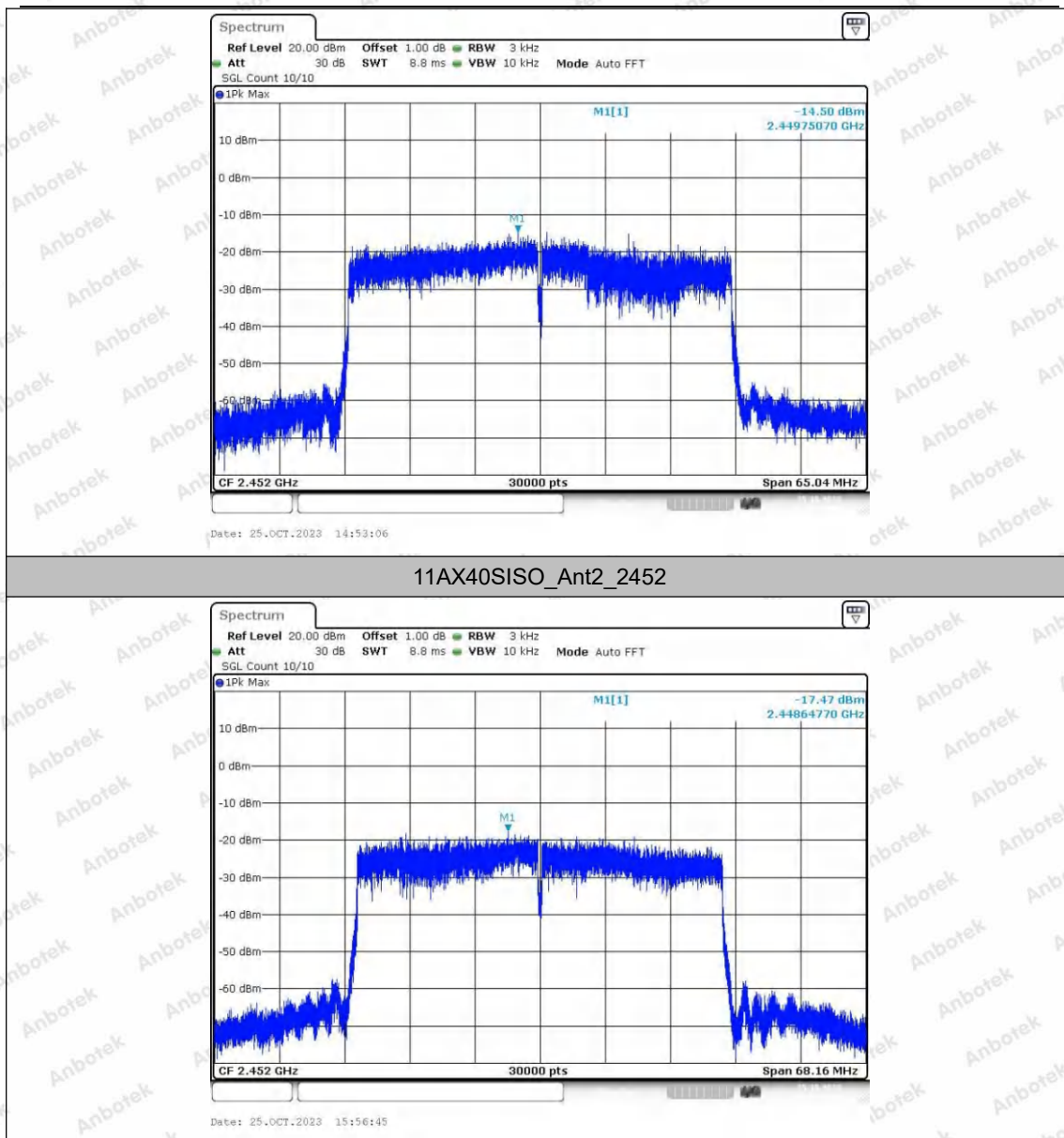


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## Appendix E: Band edge measurements

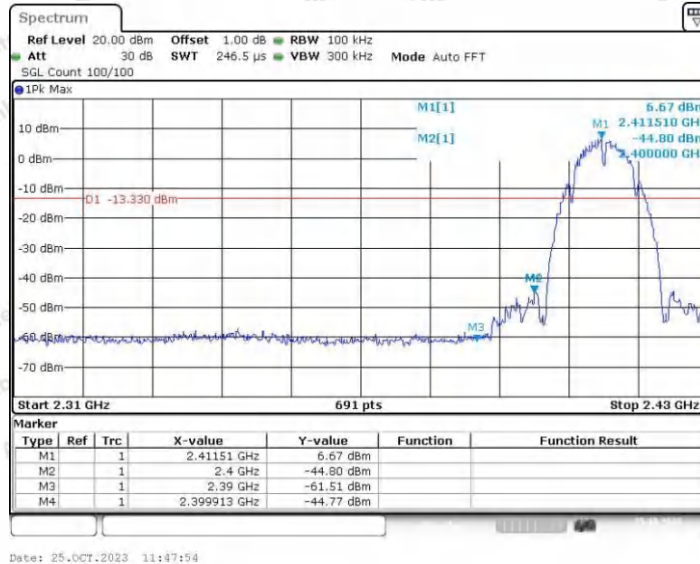
### Test Result

| TestMode   | Antenna | Channel Name | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------------|----------------|---------------|-------------|------------|---------|
| 11B        | Ant1    | Low          | 2412           | 6.67          | -44.77      | ≤-13.33    | PASS    |
|            | Ant2    | Low          | 2412           | 5.54          | -43.99      | ≤-14.46    | PASS    |
|            | Ant1    | High         | 2462           | 7.02          | -56.36      | ≤-12.98    | PASS    |
|            | Ant2    | High         | 2462           | 3.10          | -57.11      | ≤-16.9     | PASS    |
| 11G        | Ant1    | Low          | 2412           | 2.20          | -42.73      | ≤-17.8     | PASS    |
|            | Ant2    | Low          | 2412           | -0.30         | -45.21      | ≤-20.3     | PASS    |
|            | Ant1    | High         | 2462           | 0.84          | -53.16      | ≤-19.16    | PASS    |
|            | Ant2    | High         | 2462           | -2.92         | -54.89      | ≤-22.92    | PASS    |
| 11N20SISO  | Ant1    | Low          | 2412           | -0.84         | -44.12      | ≤-20.84    | PASS    |
|            | Ant2    | Low          | 2412           | -2.48         | -45.57      | ≤-22.48    | PASS    |
|            | Ant1    | High         | 2462           | 0.53          | -52.89      | ≤-19.47    | PASS    |
|            | Ant2    | High         | 2462           | -5.06         | -54.81      | ≤-25.06    | PASS    |
| 11N40SISO  | Ant1    | Low          | 2422           | 0.98          | -42.53      | ≤-19.02    | PASS    |
|            | Ant2    | Low          | 2422           | -1.05         | -41.52      | ≤-21.05    | PASS    |
|            | Ant1    | High         | 2452           | 0.64          | -41.46      | ≤-19.36    | PASS    |
|            | Ant2    | High         | 2452           | -2.19         | -46.17      | ≤-22.19    | PASS    |
| 11AX20SISO | Ant1    | Low          | 2412           | -1.22         | -42.69      | ≤-21.22    | PASS    |
|            | Ant2    | Low          | 2412           | -3.24         | -42.23      | ≤-23.24    | PASS    |
|            | Ant1    | High         | 2462           | -1.03         | -52.16      | ≤-21.03    | PASS    |
|            | Ant2    | High         | 2462           | -2.08         | -55.05      | ≤-22.08    | PASS    |
| 11AX40SISO | Ant1    | Low          | 2422           | -1.46         | -42.91      | ≤-21.46    | PASS    |
|            | Ant2    | Low          | 2422           | -1.11         | -41.74      | ≤-21.11    | PASS    |
|            | Ant1    | High         | 2452           | -0.47         | -44.15      | ≤-20.47    | PASS    |
|            | Ant2    | High         | 2452           | -2.13         | -50.54      | ≤-22.13    | PASS    |

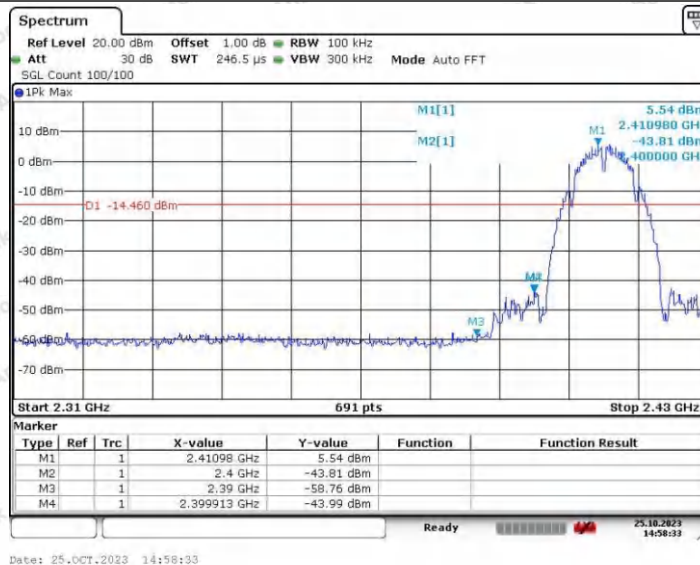


## Test Graphs

11B\_Ant1\_Low\_2412



11B\_Ant2\_Low\_2412



11B\_Ant1\_High\_2462

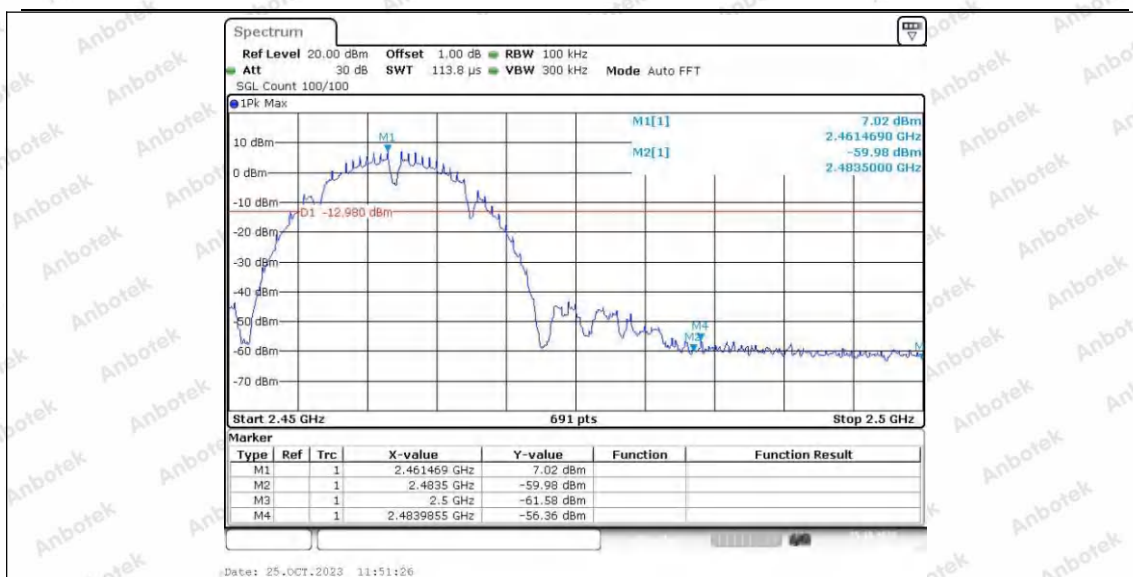
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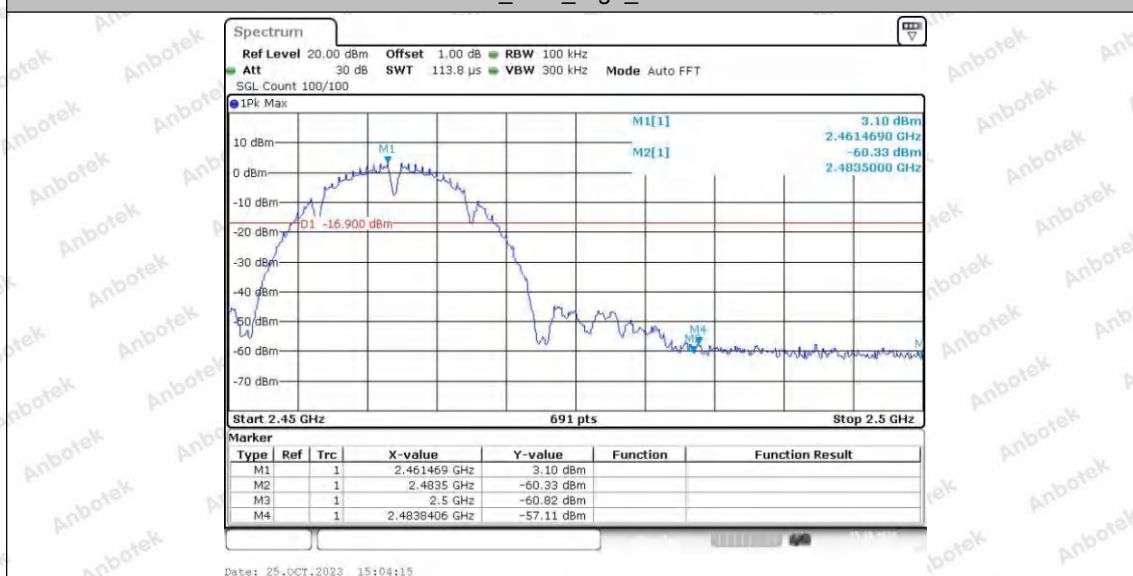


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11B\_Ant2\_High\_2462



11G\_Ant1\_Low\_2412

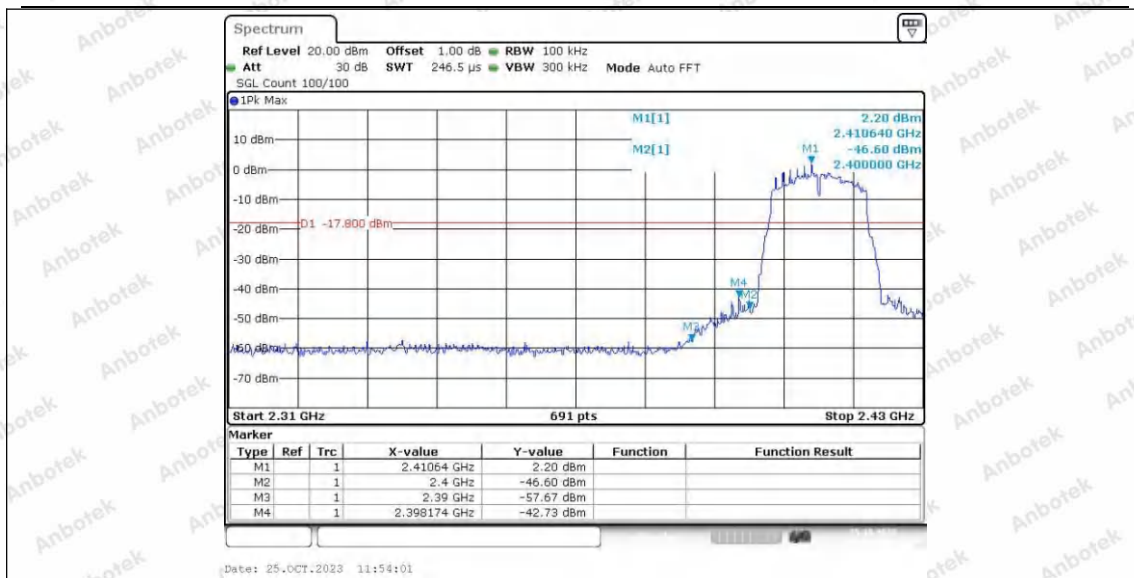
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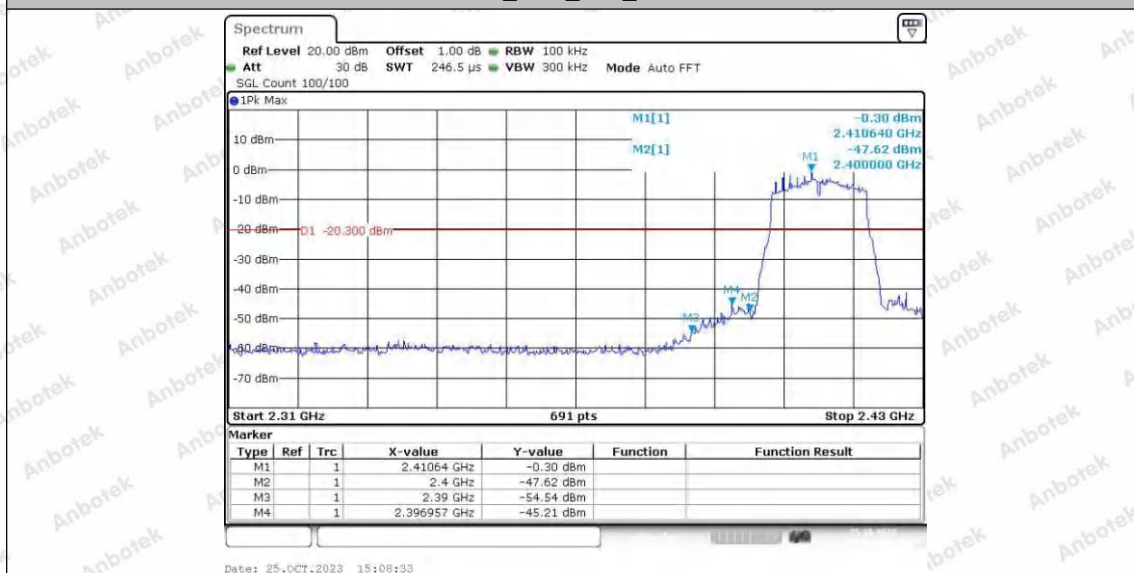


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11G\_Ant2\_Low\_2412



11G\_Ant1\_High\_2462

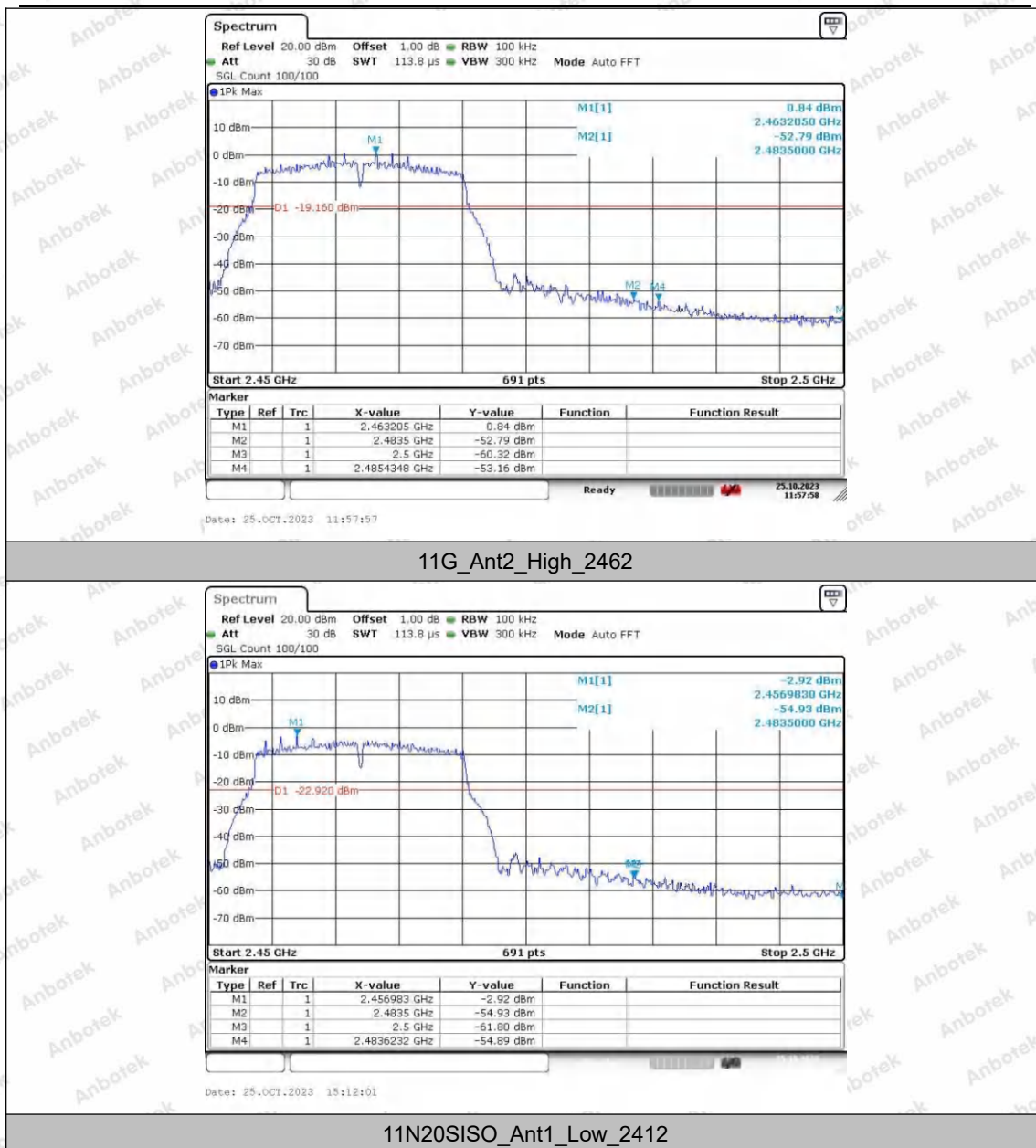
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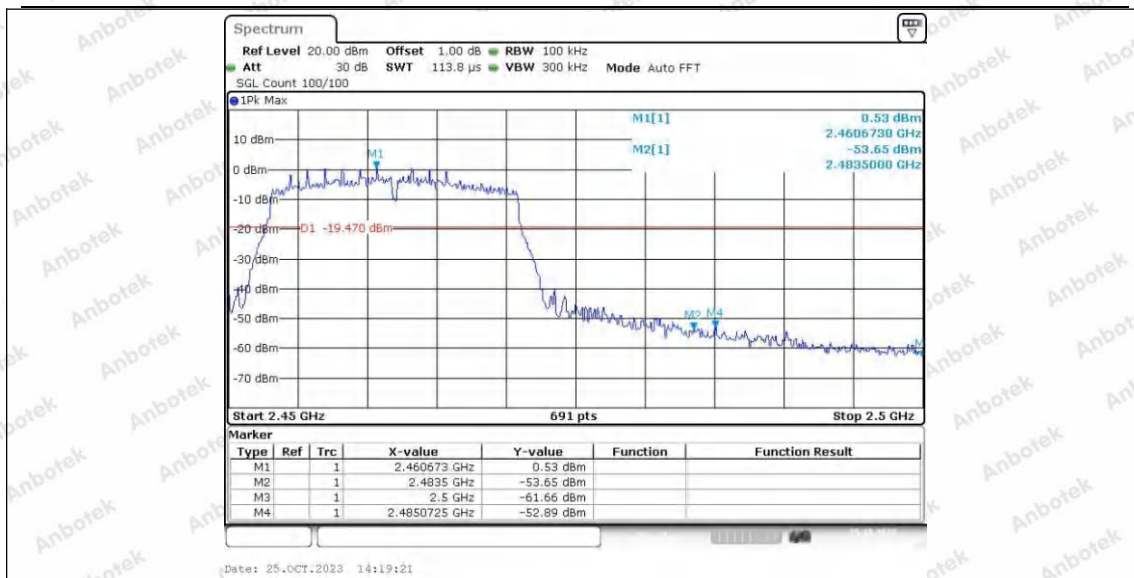
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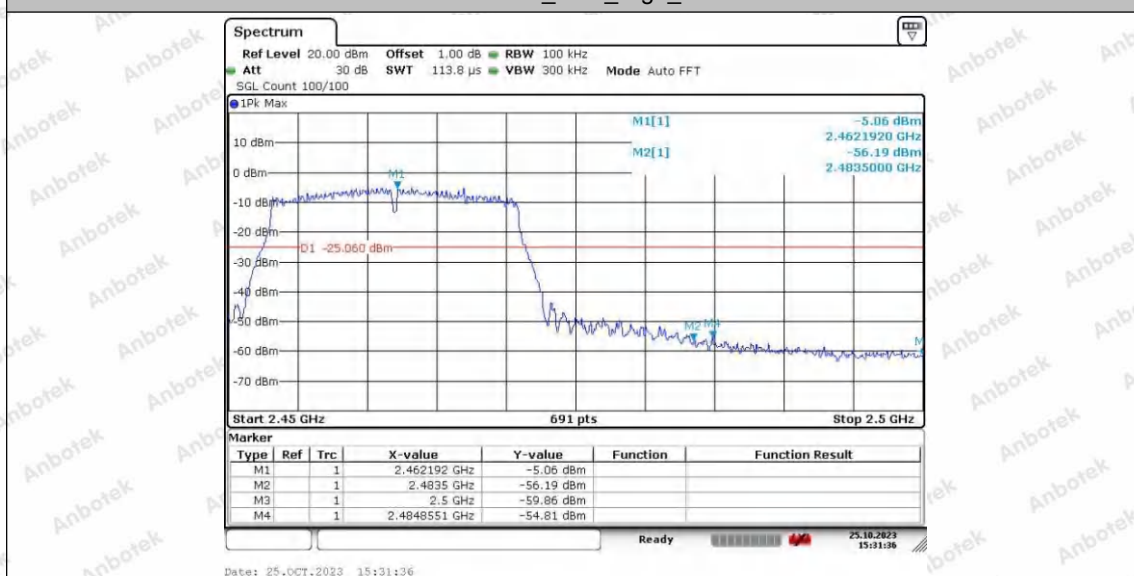


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11N20SISO\_Ant2\_High\_2462



11N40SISO\_Ant1\_Low\_2422

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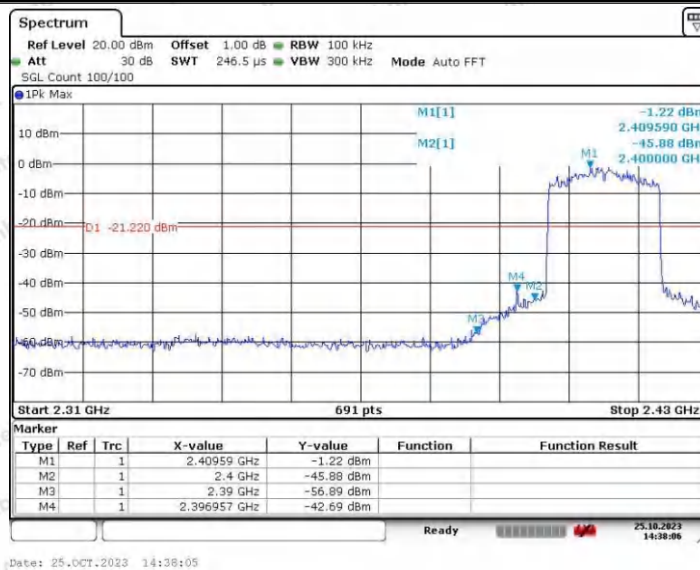
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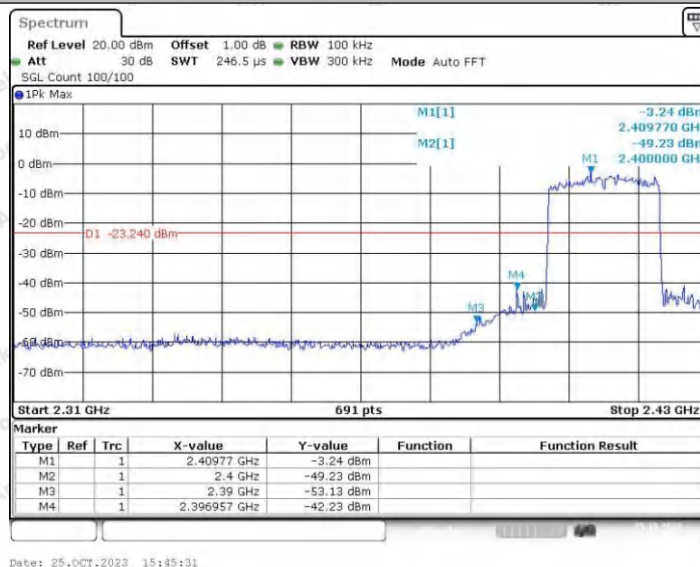


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11AX20SISO\_Ant2\_Low\_2412



11AX20SISO\_Ant1\_High\_2462

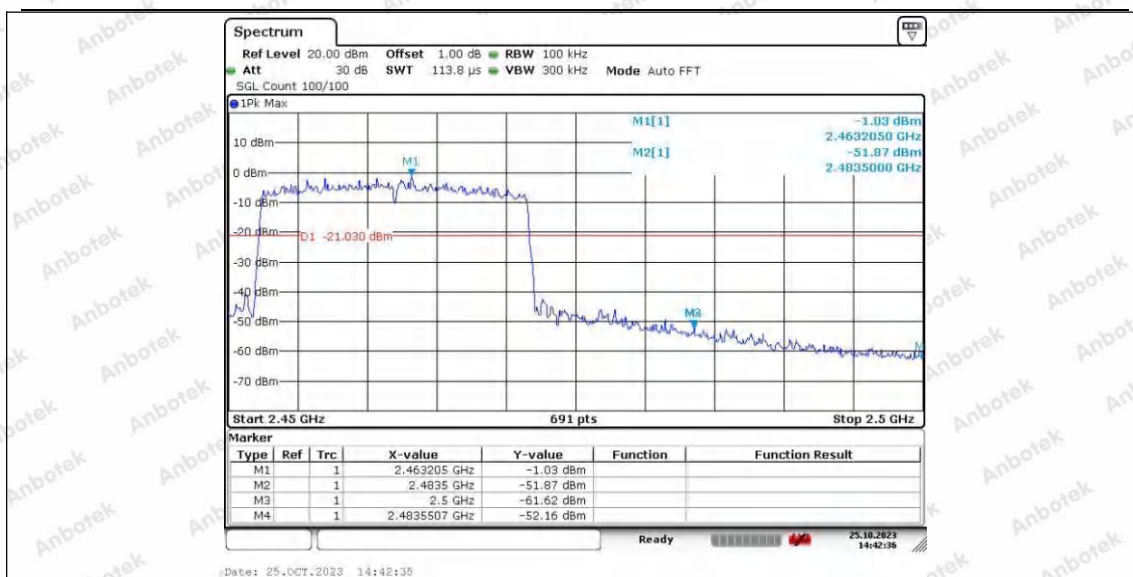
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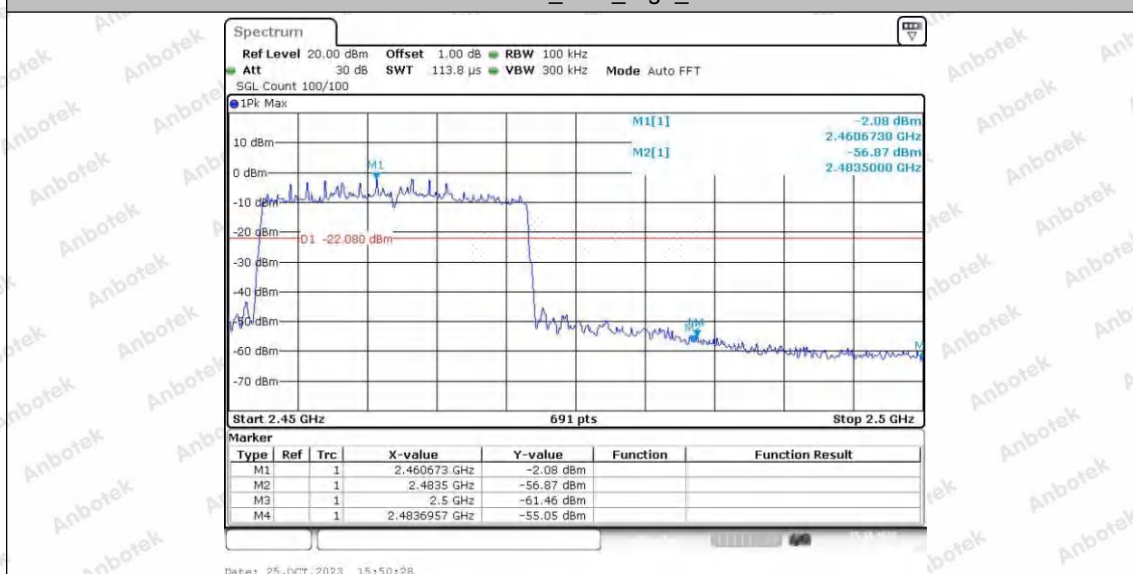


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11AX20SISO\_Ant2\_High\_2462



11AX40SISO\_Ant1\_Low\_2422

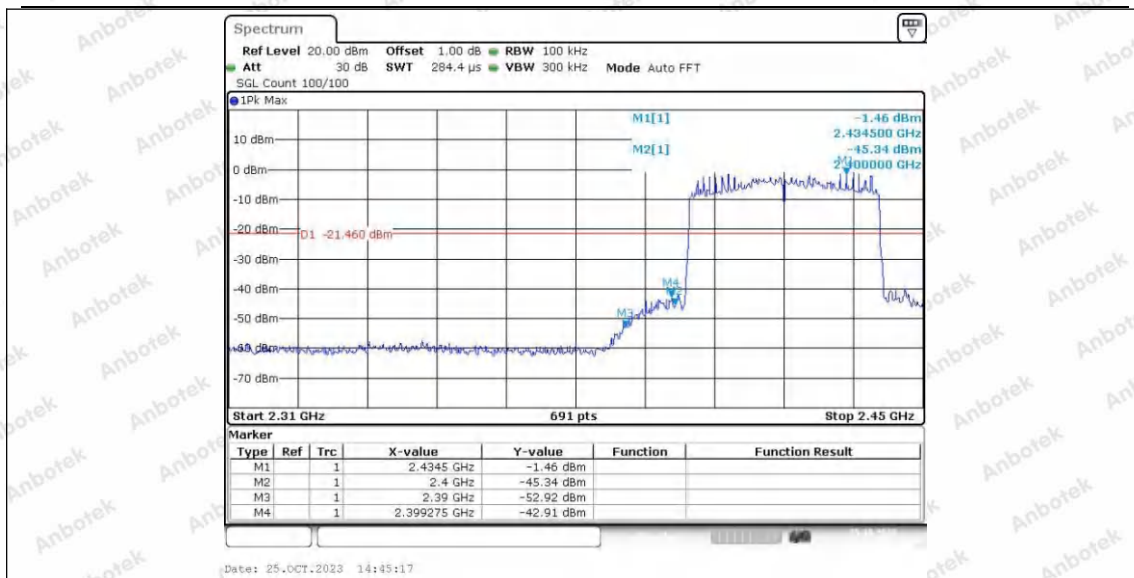
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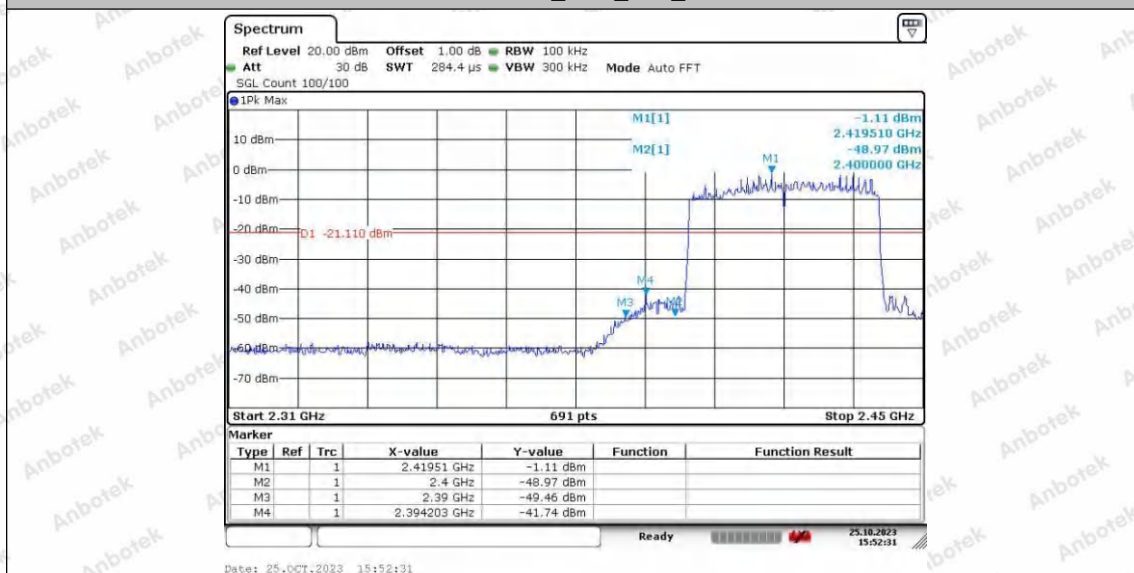


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11AX40SISO\_Ant2\_Low\_2422



11AX40SISO\_Ant1\_High\_2452

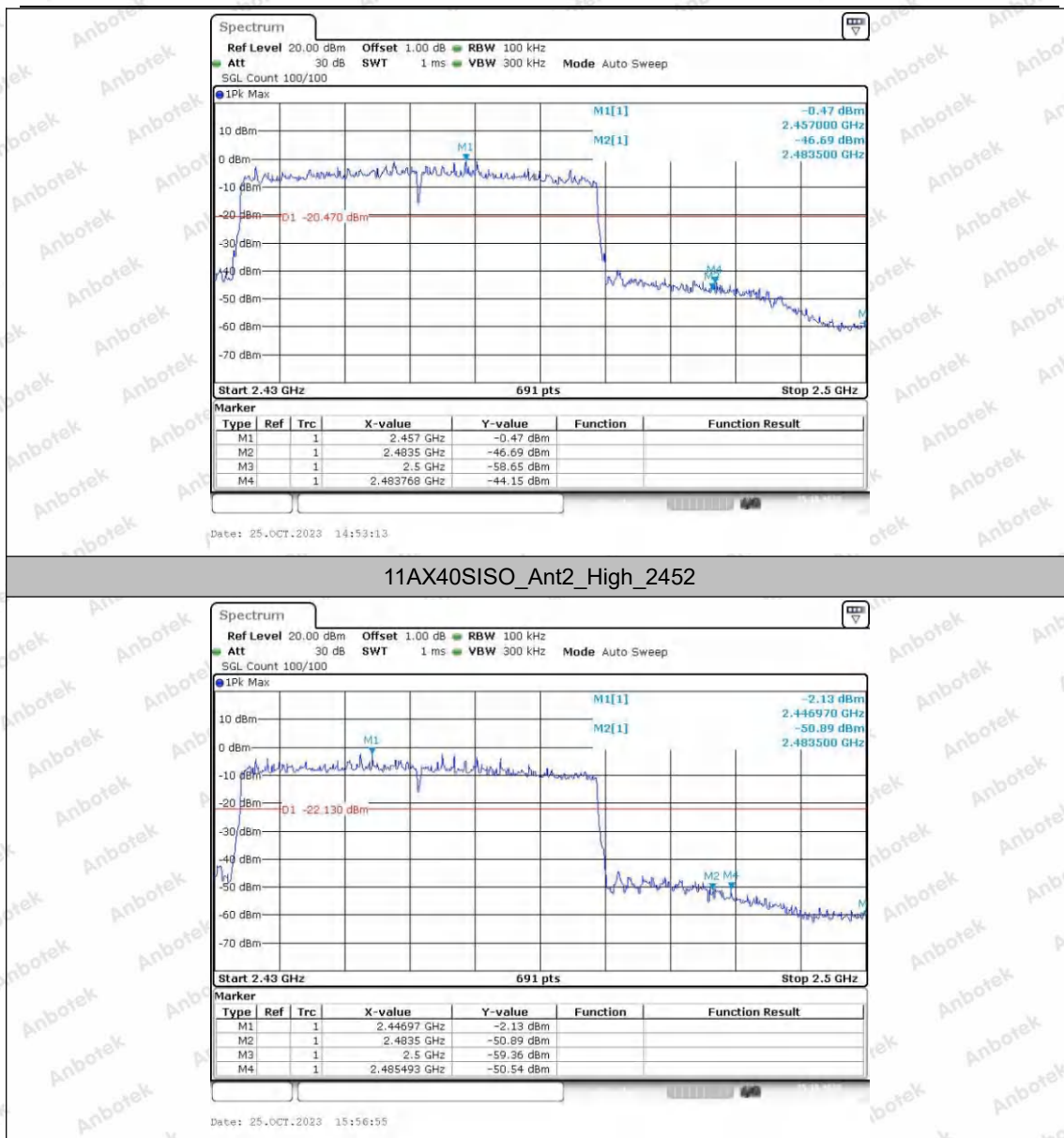
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## Appendix F: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 11B      | Ant1    | 2412           | Reference       | 4.69           | 4.69         | ---         | PASS    |
|          |         |                | 30~1000         | 4.69           | -68.47       | ≤-15.31     | PASS    |
|          |         |                | 1000~26500      | 4.69           | -45.83       | ≤-15.31     | PASS    |
|          | Ant2    | 2412           | Reference       | 3.75           | 3.75         | ---         | PASS    |
|          |         |                | 30~1000         | 3.75           | -67.98       | ≤-16.25     | PASS    |
|          |         |                | 1000~26500      | 3.75           | -40.52       | ≤-16.25     | PASS    |
|          | Ant1    | 2437           | Reference       | 5.28           | 5.28         | ---         | PASS    |
|          |         |                | 30~1000         | 5.28           | -68.42       | ≤-14.72     | PASS    |
|          |         |                | 1000~26500      | 5.28           | -39.27       | ≤-14.72     | PASS    |
|          | Ant2    | 2437           | Reference       | 3.83           | 3.83         | ---         | PASS    |
|          |         |                | 30~1000         | 3.83           | -68.2        | ≤-16.17     | PASS    |
|          |         |                | 1000~26500      | 3.83           | -46.51       | ≤-16.17     | PASS    |
|          | Ant1    | 2462           | Reference       | 4.33           | 4.33         | ---         | PASS    |
|          |         |                | 30~1000         | 4.33           | -69.01       | ≤-15.67     | PASS    |
|          |         |                | 1000~26500      | 4.33           | -54.27       | ≤-15.67     | PASS    |
|          | Ant2    | 2462           | Reference       | 1.66           | 1.66         | ---         | PASS    |
|          |         |                | 30~1000         | 1.66           | -69.07       | ≤-18.34     | PASS    |
|          |         |                | 1000~26500      | 1.66           | -40.74       | ≤-18.34     | PASS    |
| 11G      | Ant1    | 2412           | Reference       | 0.57           | 0.57         | ---         | PASS    |
|          |         |                | 30~1000         | 0.57           | -67.88       | ≤-19.43     | PASS    |
|          |         |                | 1000~26500      | 0.57           | -60.14       | ≤-19.43     | PASS    |
|          | Ant2    | 2412           | Reference       | -3.74          | -3.74        | ---         | PASS    |
|          |         |                | 30~1000         | -3.74          | -68.54       | ≤-23.74     | PASS    |
|          |         |                | 1000~26500      | -3.74          | -55.76       | ≤-23.74     | PASS    |
|          | Ant1    | 2437           | Reference       | -2.52          | -2.52        | ---         | PASS    |
|          |         |                | 30~1000         | -2.52          | -68.66       | ≤-22.52     | PASS    |
|          |         |                | 1000~26500      | -2.52          | -56.71       | ≤-22.52     | PASS    |
|          | Ant2    | 2437           | Reference       | -2.62          | -2.62        | ---         | PASS    |
|          |         |                | 30~1000         | -2.62          | -67.25       | ≤-22.62     | PASS    |
|          |         |                | 1000~26500      | -2.62          | -60.05       | ≤-22.62     | PASS    |
|          | Ant1    | 2462           | Reference       | -0.59          | -0.59        | ---         | PASS    |
|          |         |                | 30~1000         | -0.59          | -68.26       | ≤-20.59     | PASS    |
|          |         |                | 1000~26500      | -0.59          | -59.19       | ≤-20.59     | PASS    |
|          | Ant2    | 2462           | Reference       | -5.32          | -5.32        | ---         | PASS    |
|          |         |                | 30~1000         | -5.32          | -68.78       | ≤-25.32     | PASS    |

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|            |      |      |            |       |        |               |      |
|------------|------|------|------------|-------|--------|---------------|------|
| 11N20SISO  | Ant1 | 2412 | 1000~26500 | -5.32 | -57.38 | $\leq -25.32$ | PASS |
|            |      |      | Reference  | -1.86 | -1.86  | ---           | PASS |
|            |      |      | 30~1000    | -1.86 | -68.86 | $\leq -21.86$ | PASS |
|            | Ant2 | 2412 | 1000~26500 | -1.86 | -60.49 | $\leq -21.86$ | PASS |
|            |      |      | Reference  | -4.02 | -4.02  | ---           | PASS |
|            |      |      | 30~1000    | -4.02 | -68.55 | $\leq -24.02$ | PASS |
|            | Ant1 | 2437 | 1000~26500 | -4.02 | -57.93 | $\leq -24.02$ | PASS |
|            |      |      | Reference  | -2.19 | -2.19  | ---           | PASS |
|            |      |      | 30~1000    | -2.19 | -68.42 | $\leq -22.19$ | PASS |
|            | Ant2 | 2437 | 1000~26500 | -2.19 | -50.59 | $\leq -22.19$ | PASS |
|            |      |      | Reference  | -2.81 | -2.81  | ---           | PASS |
|            |      |      | 30~1000    | -2.81 | -67.34 | $\leq -22.81$ | PASS |
|            | Ant1 | 2462 | 1000~26500 | -2.81 | -50.86 | $\leq -22.81$ | PASS |
|            |      |      | Reference  | -2.75 | -2.75  | ---           | PASS |
|            |      |      | 30~1000    | -2.75 | -67.66 | $\leq -22.75$ | PASS |
|            | Ant2 | 2462 | 1000~26500 | -2.75 | -60.1  | $\leq -22.75$ | PASS |
|            |      |      | Reference  | -5.60 | -5.60  | ---           | PASS |
|            |      |      | 30~1000    | -5.60 | -67.96 | $\leq -25.6$  | PASS |
| 11N40SISO  | Ant1 | 2422 | 1000~26500 | -5.60 | -58.02 | $\leq -25.6$  | PASS |
|            |      |      | Reference  | -2.87 | -2.87  | ---           | PASS |
|            |      |      | 30~1000    | -2.87 | -68.4  | $\leq -22.87$ | PASS |
|            | Ant2 | 2422 | 1000~26500 | -2.87 | -50.26 | $\leq -22.87$ | PASS |
|            |      |      | Reference  | -4.16 | -4.16  | ---           | PASS |
|            |      |      | 30~1000    | -4.16 | -68.16 | $\leq -24.16$ | PASS |
|            | Ant1 | 2437 | 1000~26500 | -4.16 | -58.57 | $\leq -24.16$ | PASS |
|            |      |      | Reference  | -3.37 | -3.37  | ---           | PASS |
|            |      |      | 30~1000    | -3.37 | -67.51 | $\leq -23.37$ | PASS |
|            | Ant2 | 2437 | 1000~26500 | -3.37 | -50.64 | $\leq -23.37$ | PASS |
|            |      |      | Reference  | -0.31 | -0.31  | ---           | PASS |
|            |      |      | 30~1000    | -0.31 | -67.56 | $\leq -20.31$ | PASS |
|            | Ant1 | 2452 | 1000~26500 | -0.31 | -50.12 | $\leq -20.31$ | PASS |
|            |      |      | Reference  | 0.50  | 0.50   | ---           | PASS |
|            |      |      | 30~1000    | 0.50  | -68.13 | $\leq -19.5$  | PASS |
|            | Ant2 | 2452 | 1000~26500 | 0.50  | -59.21 | $\leq -19.5$  | PASS |
|            |      |      | Reference  | -2.98 | -2.98  | ---           | PASS |
|            |      |      | 30~1000    | -2.98 | -68.32 | $\leq -22.98$ | PASS |
| 11AX20SISO | Ant1 | 2412 | 1000~26500 | -2.98 | -57.06 | $\leq -22.98$ | PASS |
|            |      |      | Reference  | -4.15 | -4.15  | ---           | PASS |
|            |      |      | 30~1000    | -4.15 | -68.57 | $\leq -24.15$ | PASS |
|            | Ant2 | 2412 | 1000~26500 | -4.15 | -59.26 | $\leq -24.15$ | PASS |

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