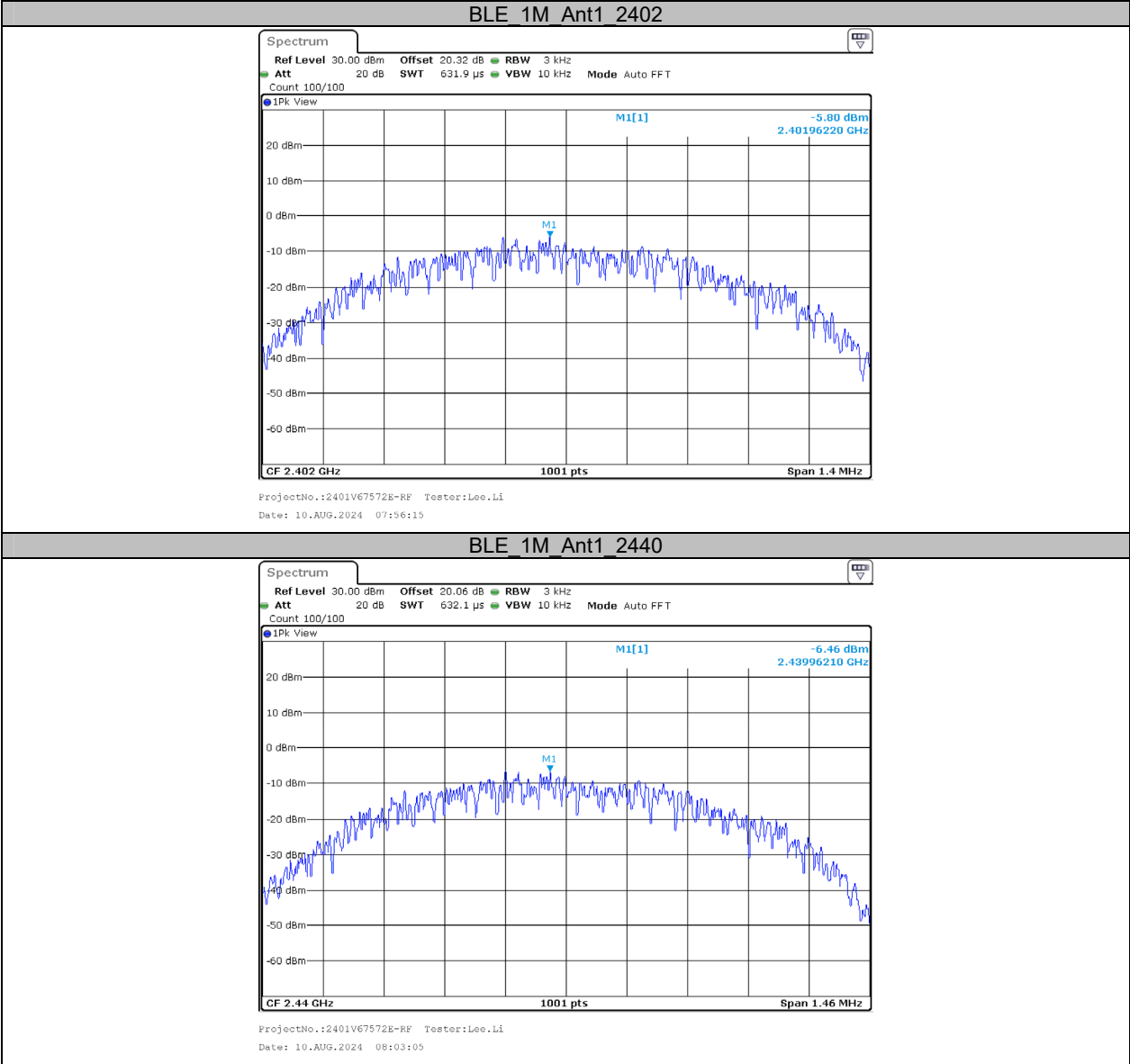


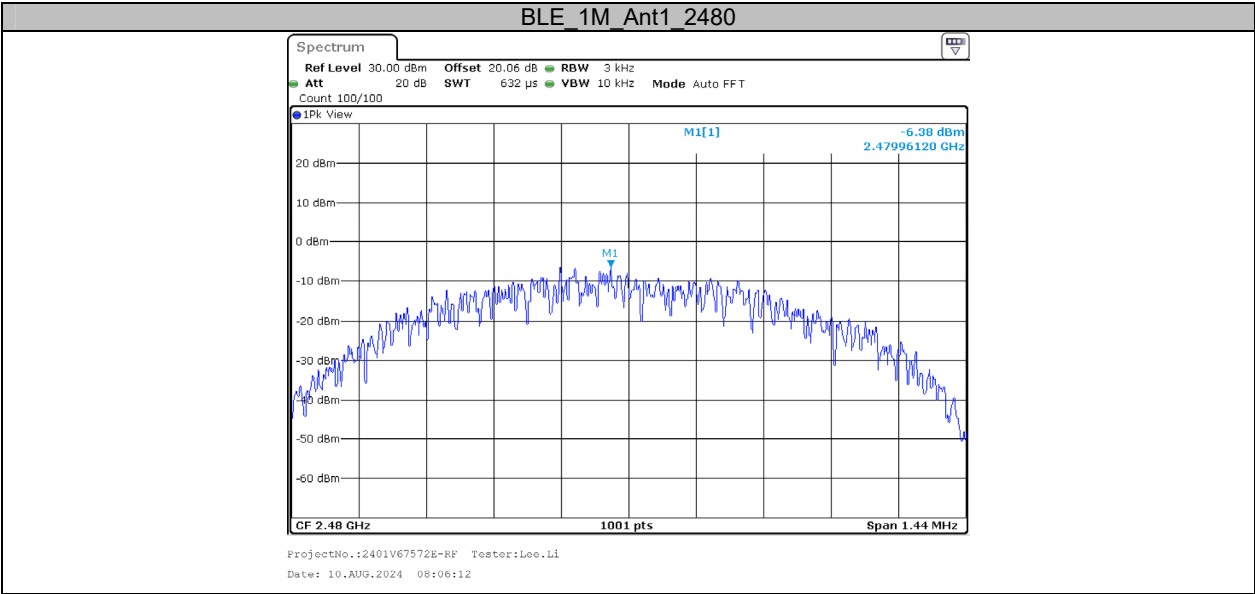
Appendix D: Maximum Power Spectral Density

Test Result

| Test Mode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M    | Ant1    | 2402           | -5.80            | ≤8.00           | PASS    |
|           |         | 2440           | -6.46            | ≤8.00           | PASS    |
|           |         | 2480           | -6.38            | ≤8.00           | PASS    |

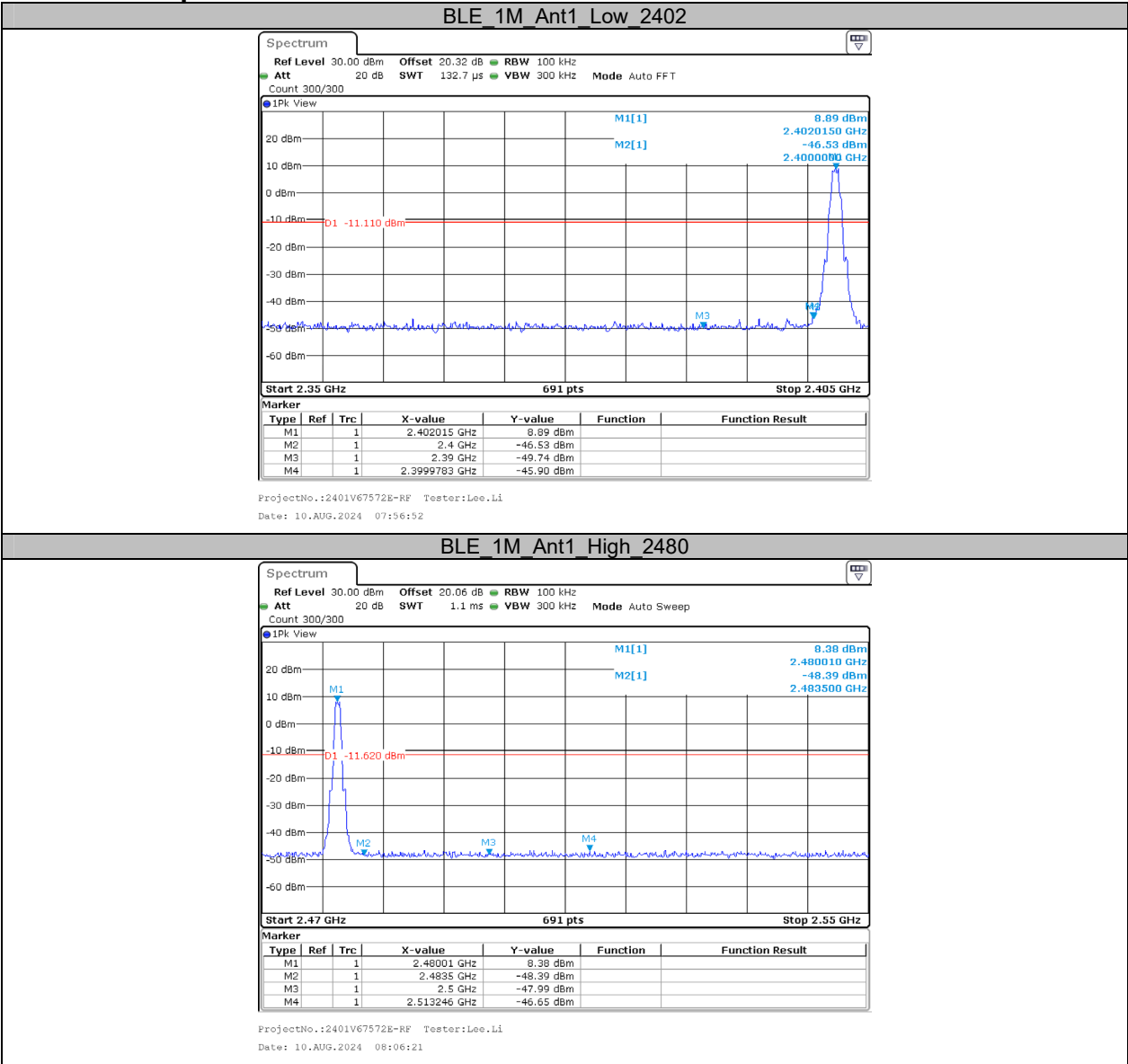
Test Graphs





Appendix E: Band Edge Measurements

Test Graphs

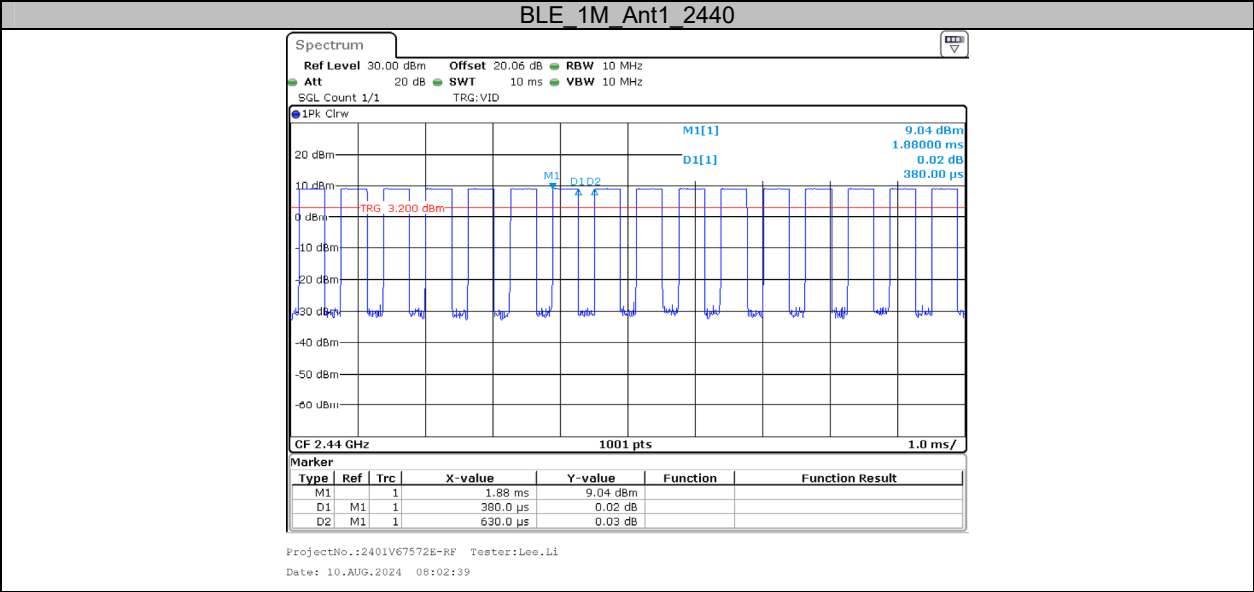


Appendix F: Duty Cycle

Test Result

| Test Mode | Antenna | Frequency [MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | 1/T[Hz] | VBW Setting [Hz] |
|-----------|---------|-----------------|--------------|-------------|----------------|---------|------------------|
| BLE_1M    | Ant1    | 2440            | 0.38         | 0.63        | 60.32          | 2632    | 3000             |

Test Graphs



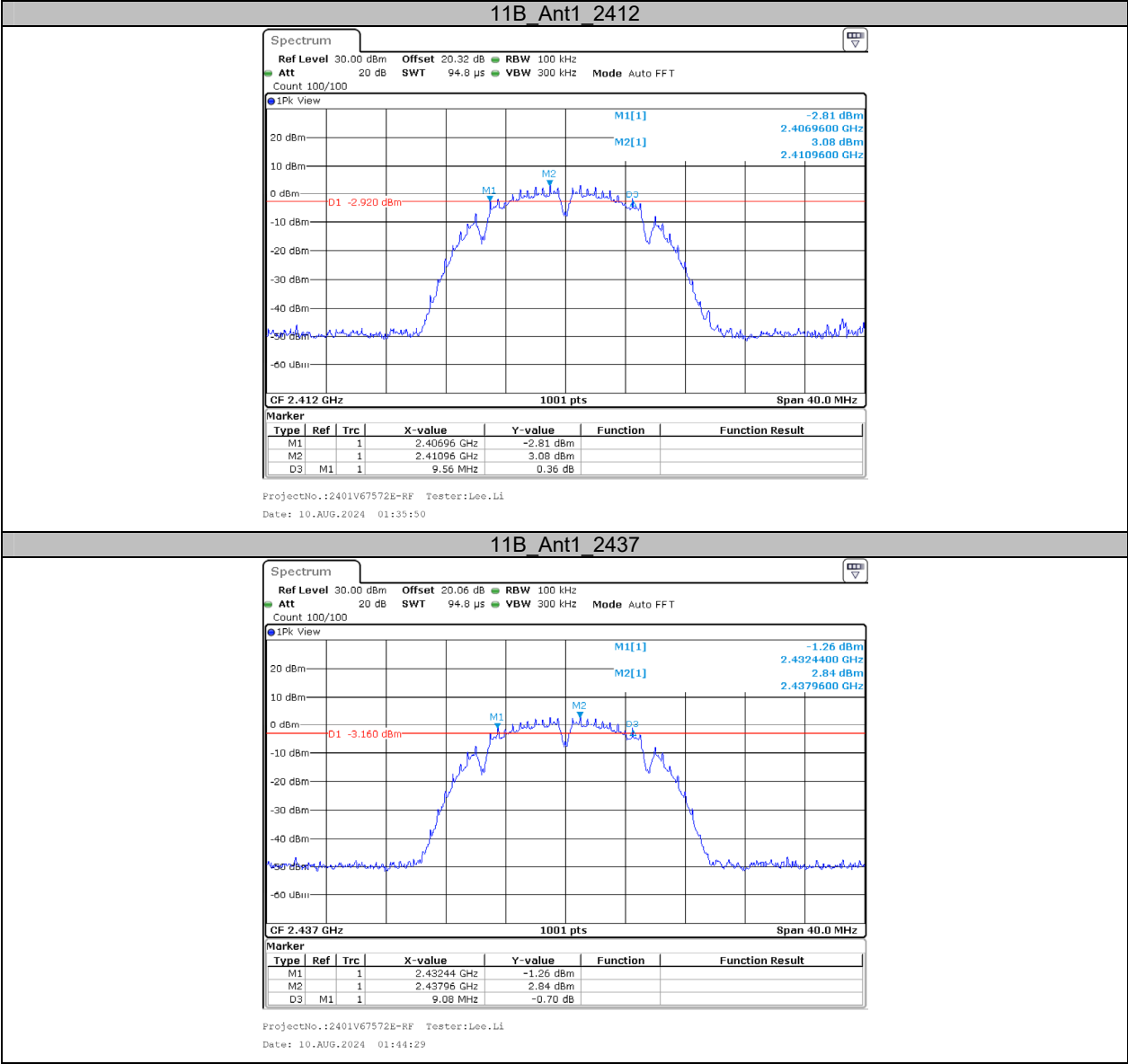
## APPENDIX – 2.4G Wi-Fi

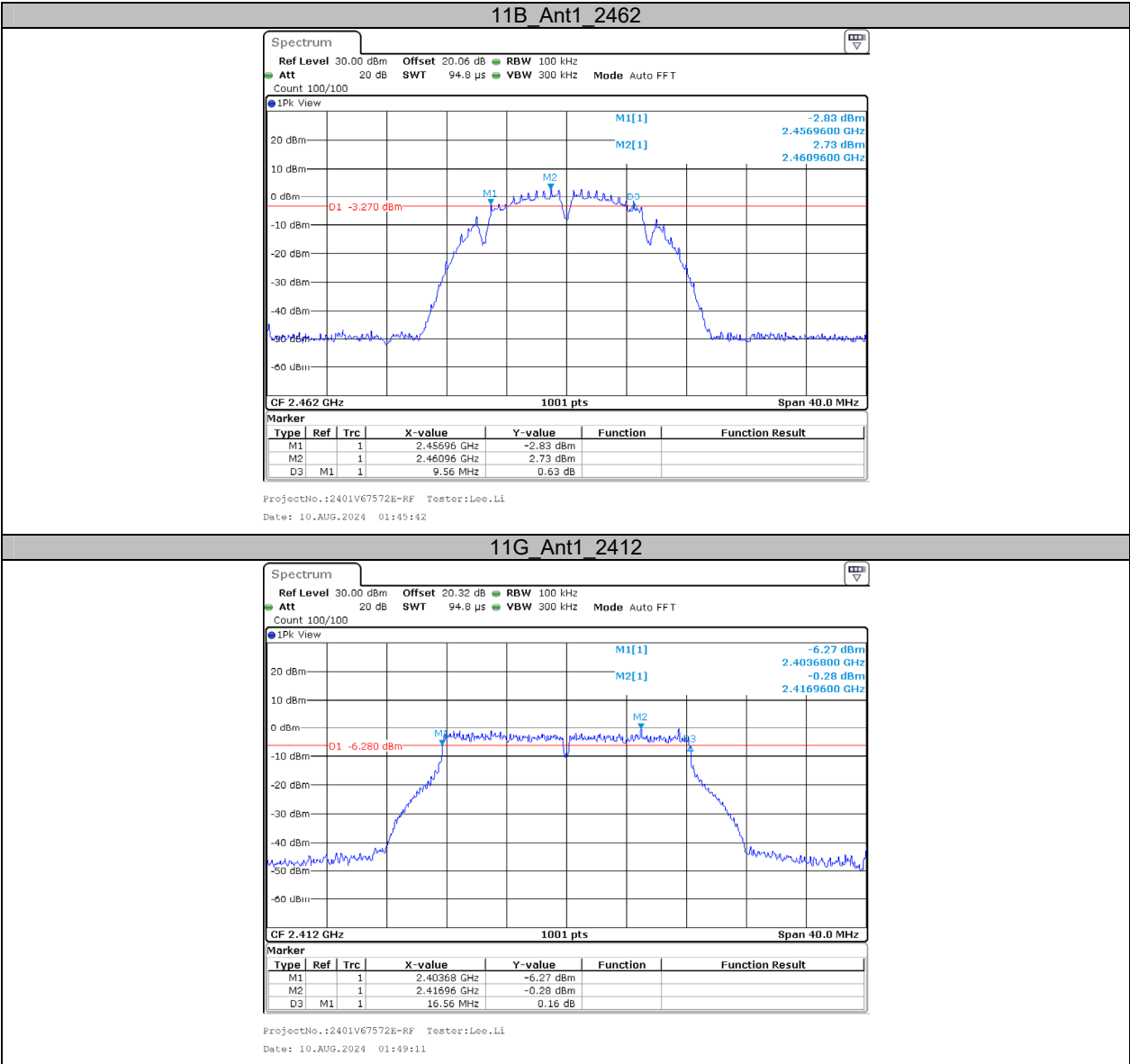
### Appendix A: DTS Bandwidth

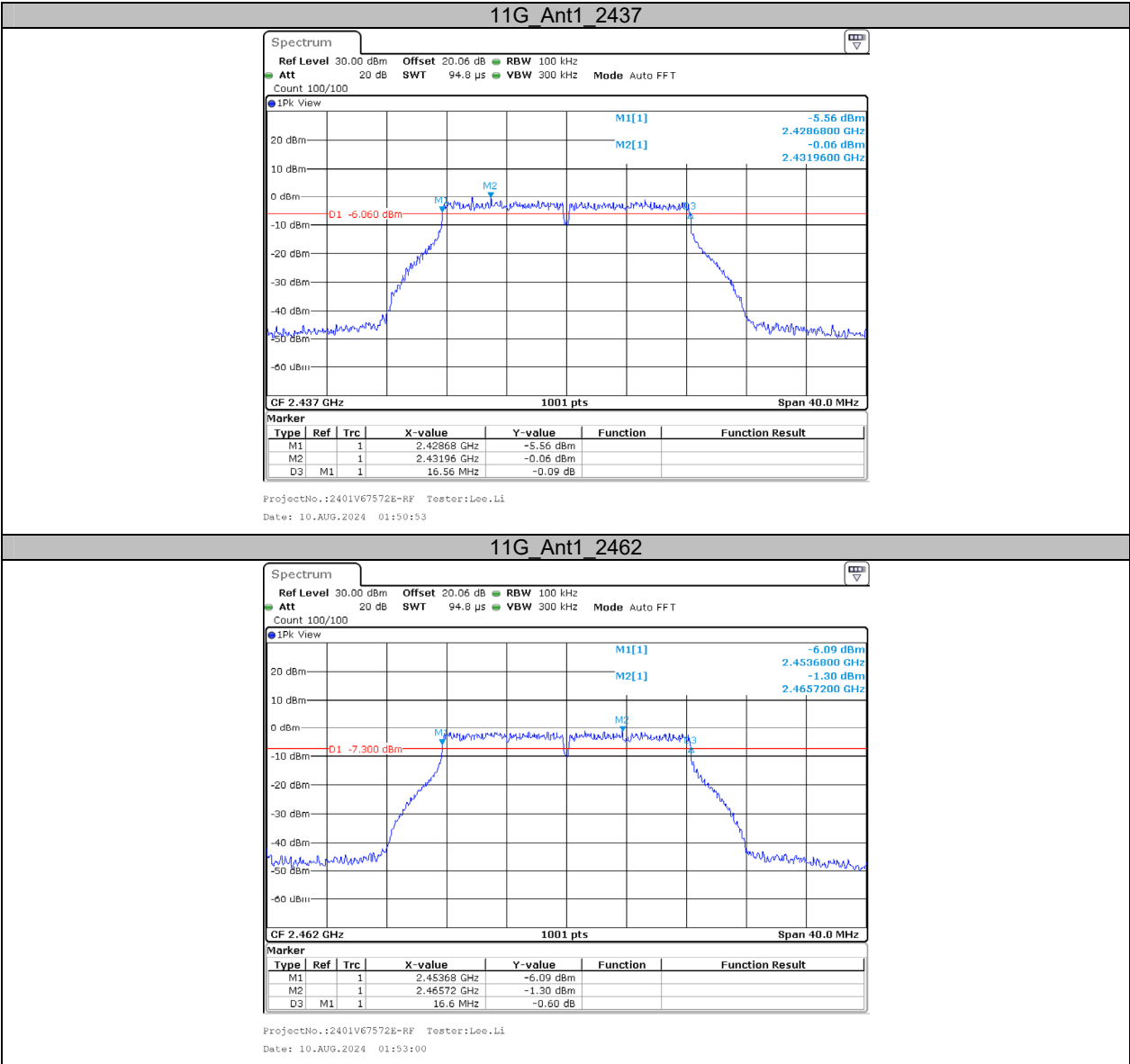
#### Test Result

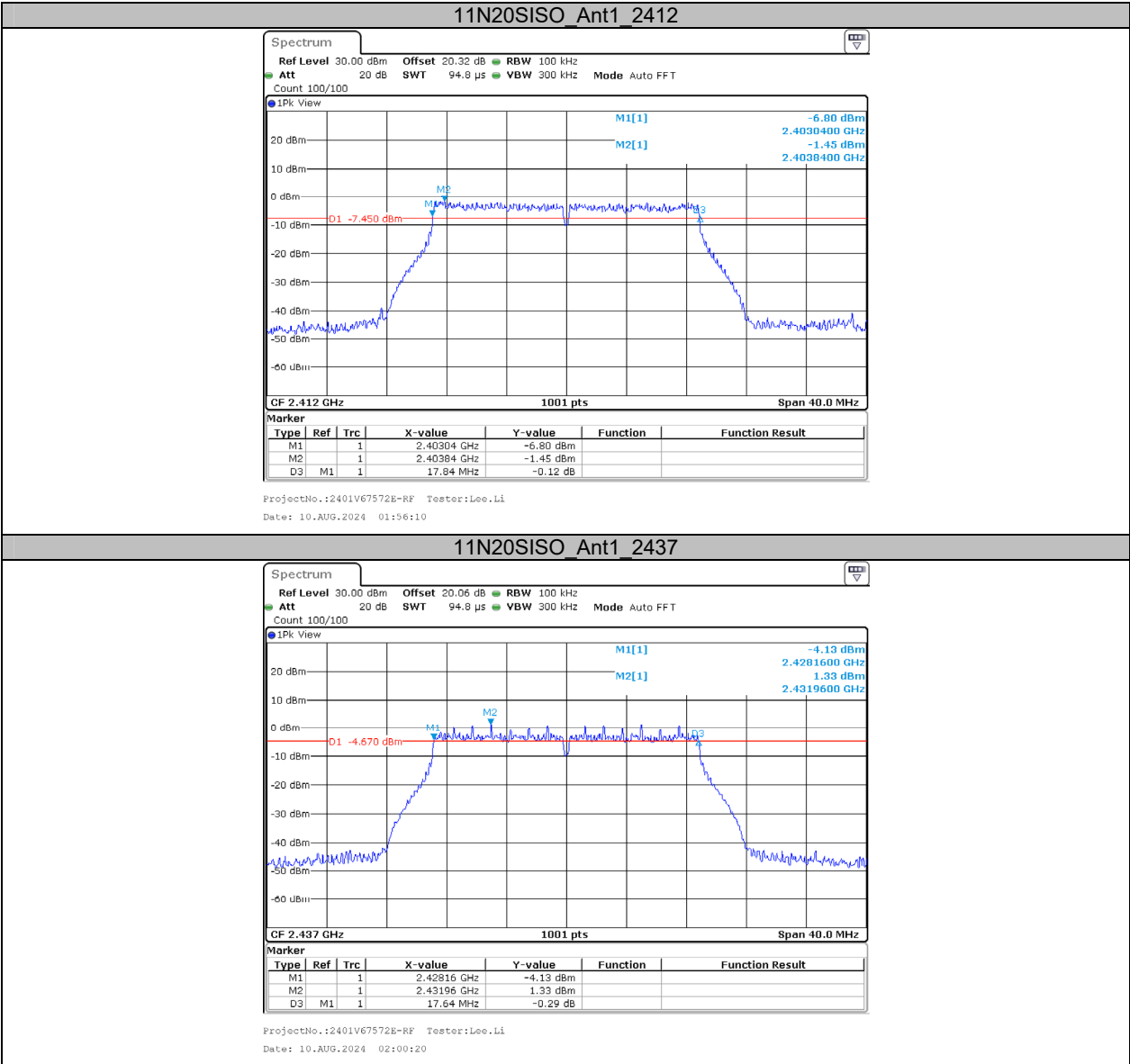
| Test Mode  | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B        | Ant1    | 2412           | 9.56         | 2406.96  | 2416.52  | 0.5        | PASS    |
|            |         | 2437           | 9.08         | 2432.44  | 2441.52  | 0.5        | PASS    |
|            |         | 2462           | 9.56         | 2456.96  | 2466.52  | 0.5        | PASS    |
| 11G        | Ant1    | 2412           | 16.56        | 2403.68  | 2420.24  | 0.5        | PASS    |
|            |         | 2437           | 16.56        | 2428.68  | 2445.24  | 0.5        | PASS    |
|            |         | 2462           | 16.60        | 2453.68  | 2470.28  | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 2412           | 17.84        | 2403.04  | 2420.88  | 0.5        | PASS    |
|            |         | 2437           | 17.64        | 2428.16  | 2445.80  | 0.5        | PASS    |
|            |         | 2462           | 17.72        | 2453.08  | 2470.80  | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 2422           | 36.32        | 2403.84  | 2440.16  | 0.5        | PASS    |
|            |         | 2437           | 36.32        | 2418.84  | 2455.16  | 0.5        | PASS    |
|            |         | 2452           | 36.32        | 2433.84  | 2470.16  | 0.5        | PASS    |
| 11AX20SISO | Ant1    | 2412           | 19.20        | 2402.400 | 2407.200 | 0.5        | PASS    |
|            |         | 2437           | 19.16        | 2427.400 | 2444.950 | 0.5        | PASS    |
|            |         | 2462           | 19.08        | 2452.440 | 2455.720 | 0.5        | PASS    |
| 11AX40SISO | Ant1    | 2422           | 38.00        | 2402.960 | 2405.760 | 0.5        | PASS    |
|            |         | 2437           | 38.00        | 2417.960 | 2429.480 | 0.5        | PASS    |
|            |         | 2452           | 37.92        | 2432.960 | 2449.520 | 0.5        | PASS    |

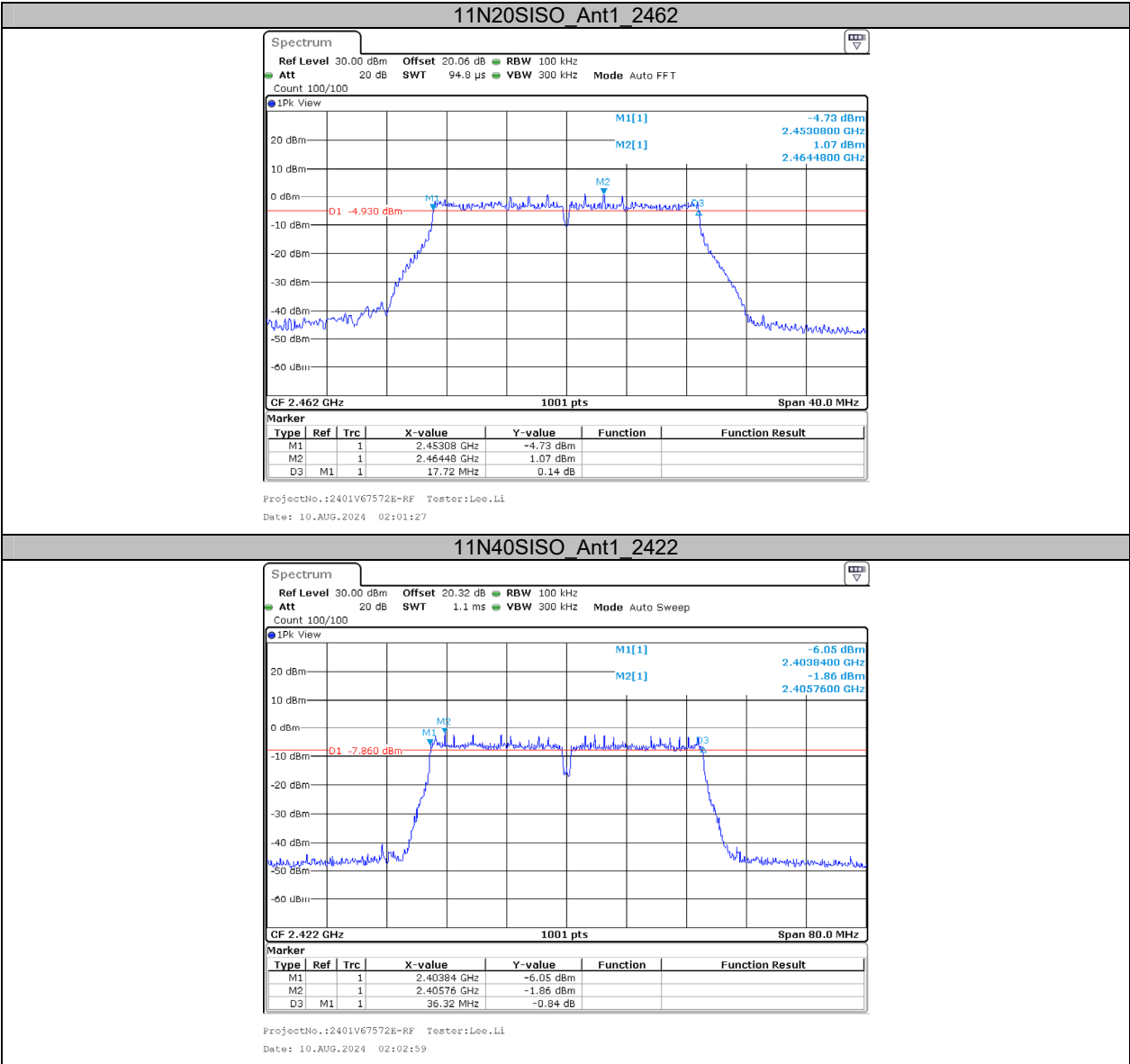
Test Graphs

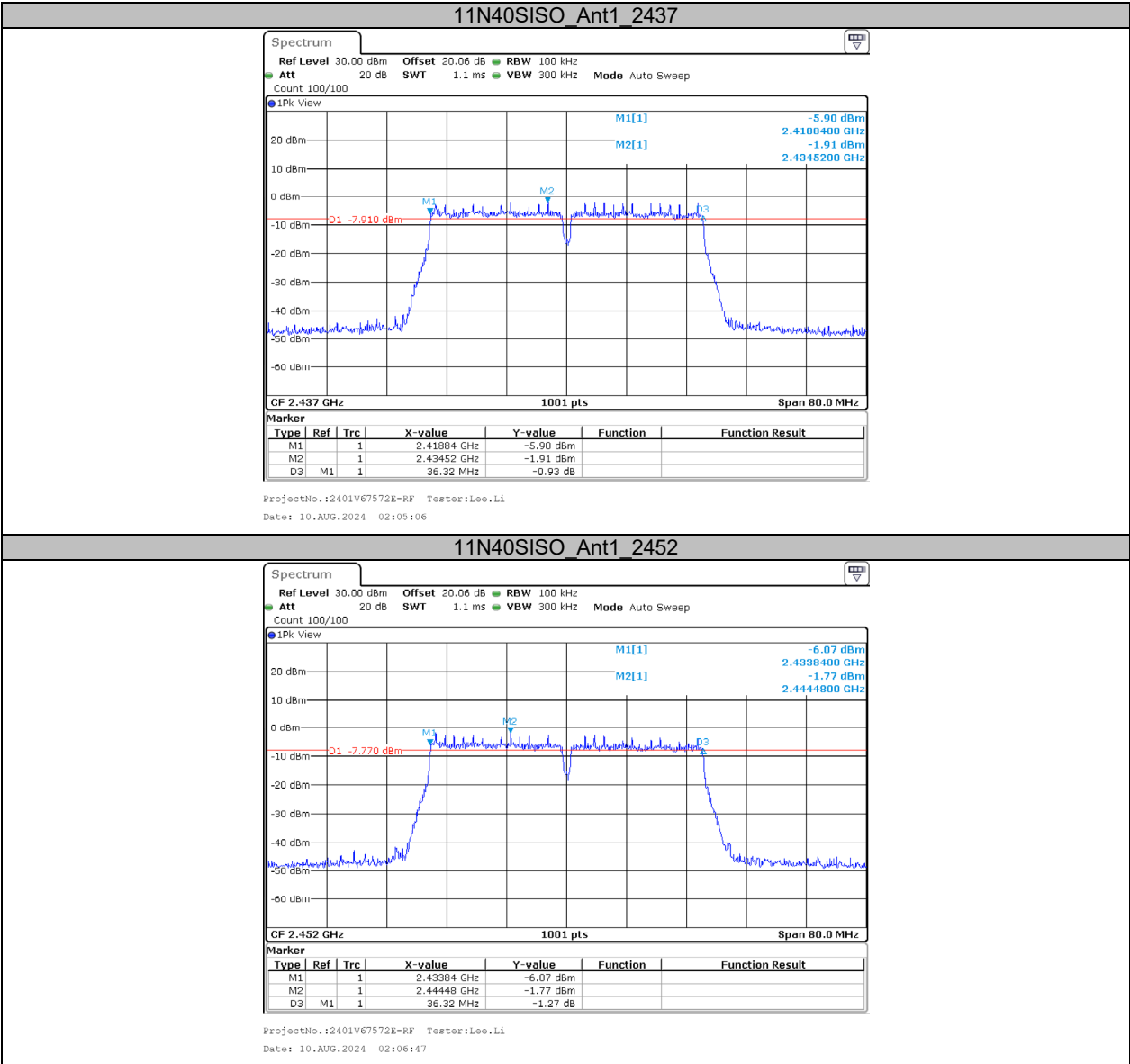


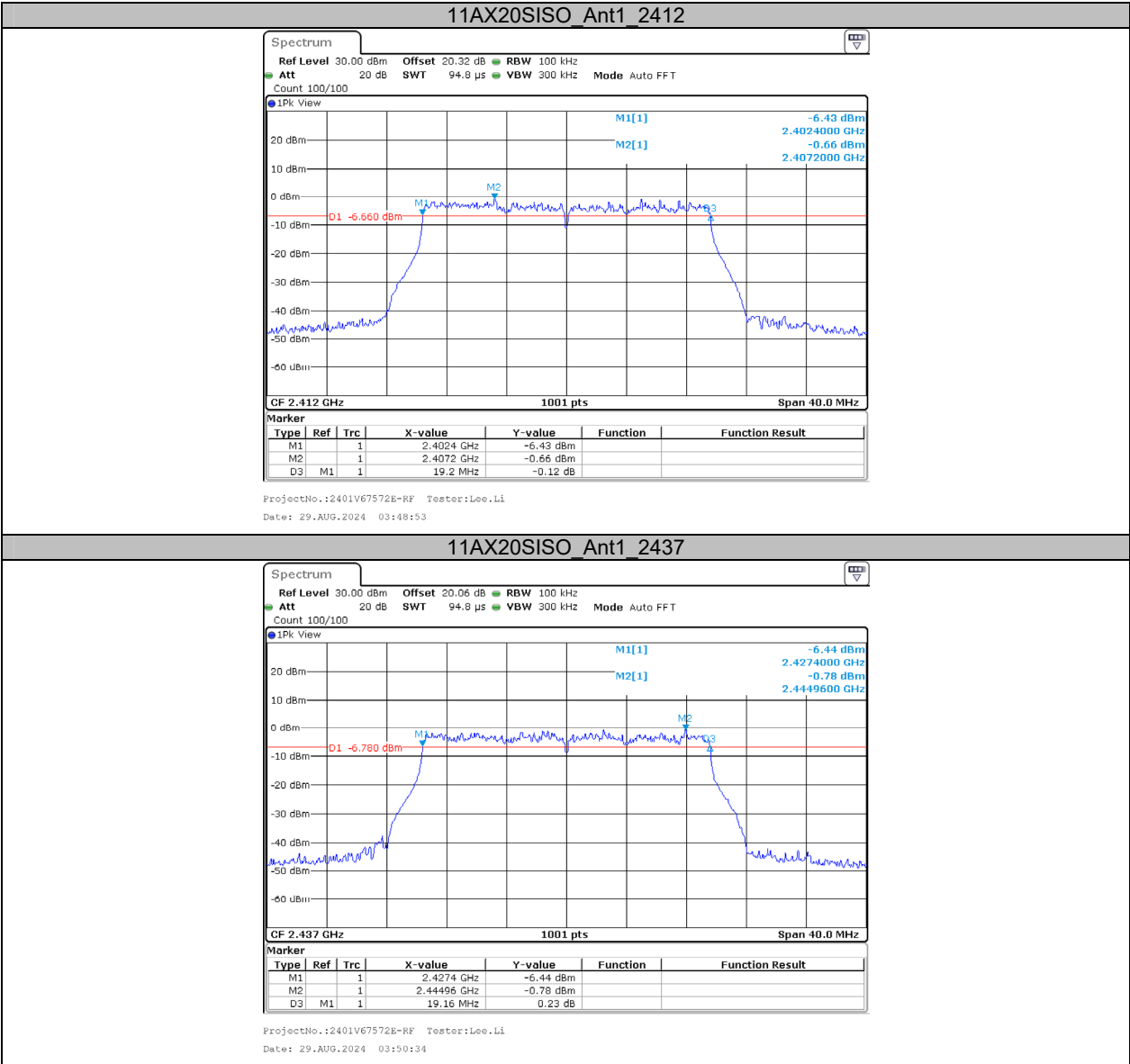


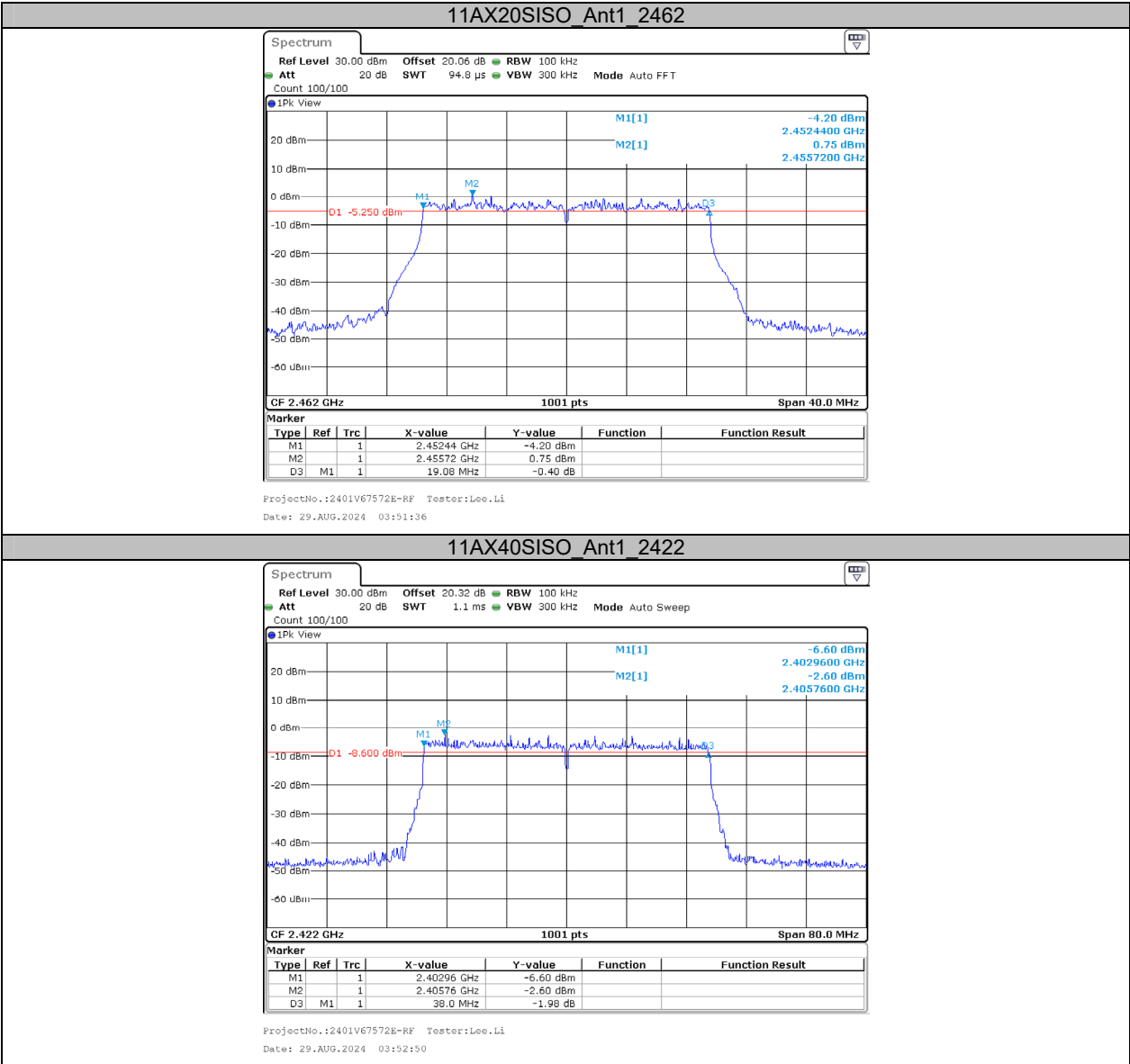


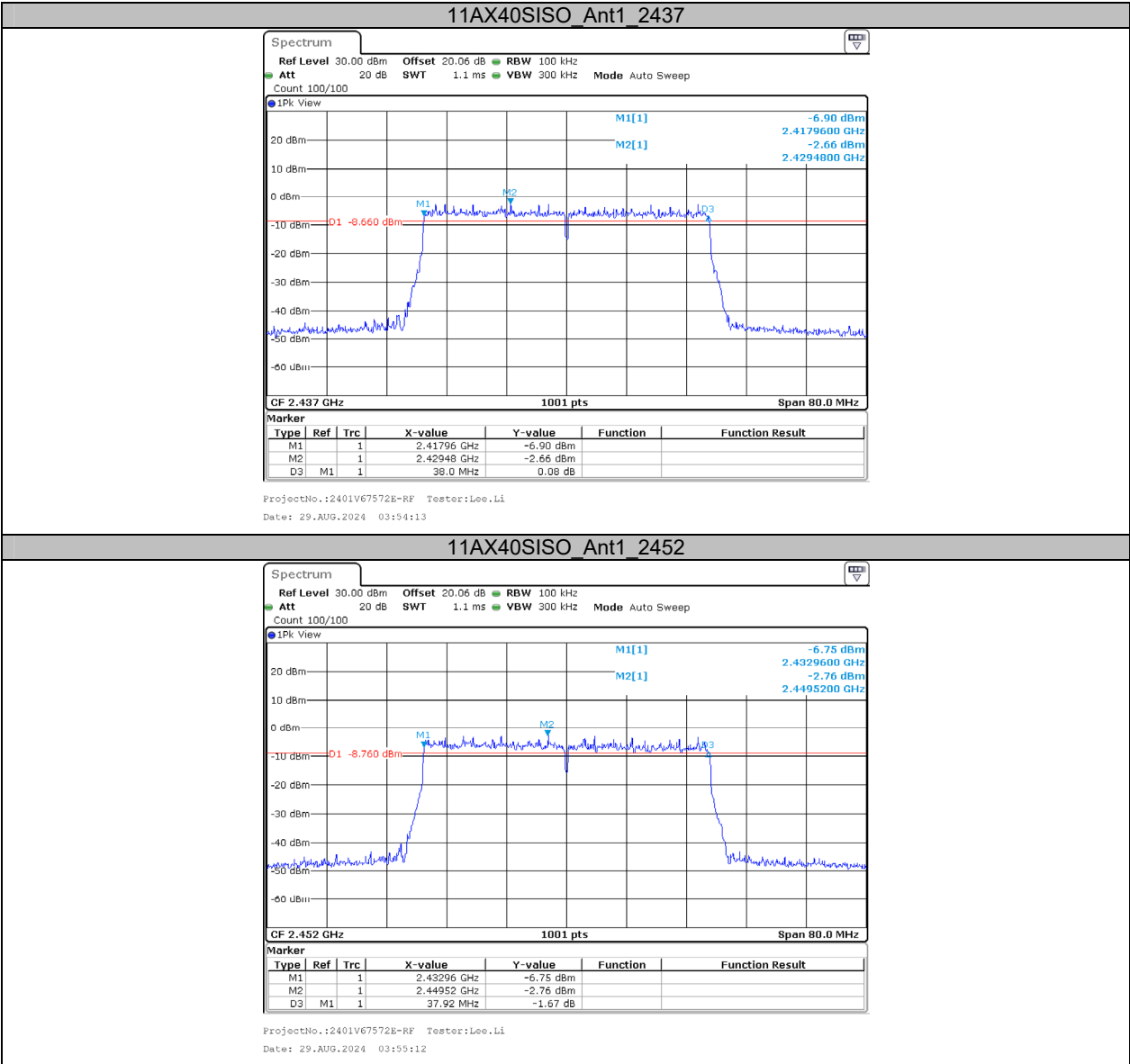








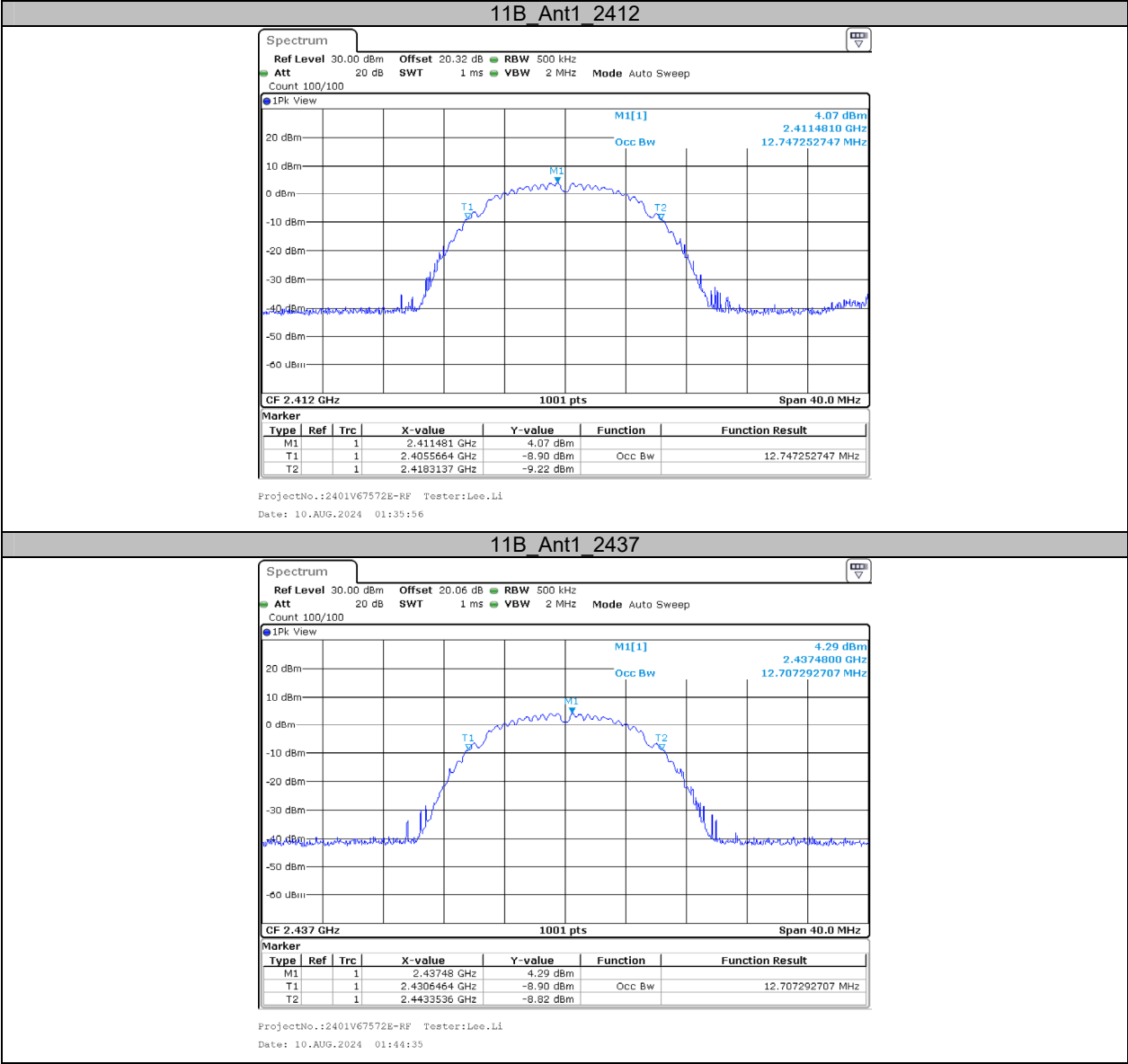


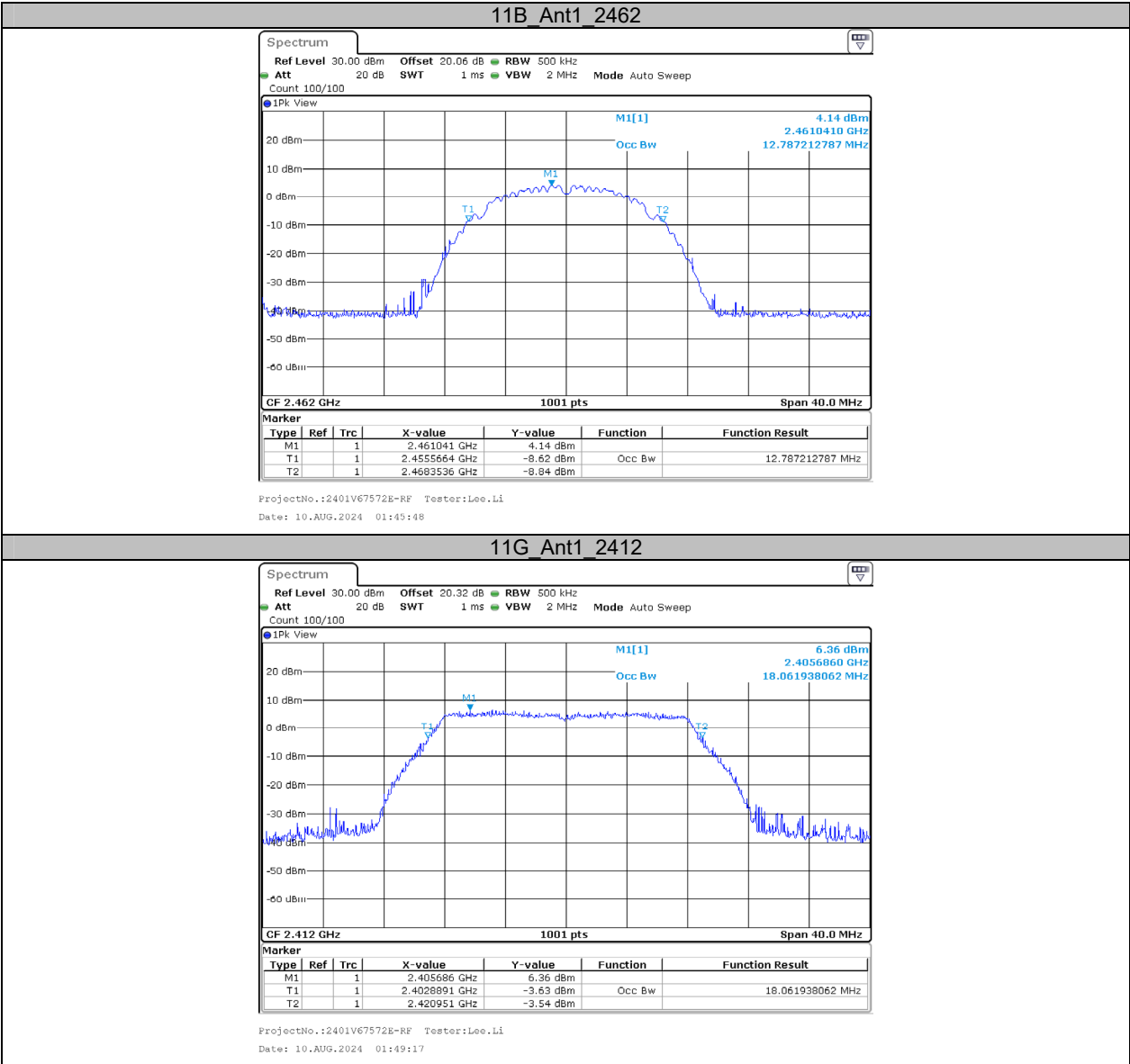


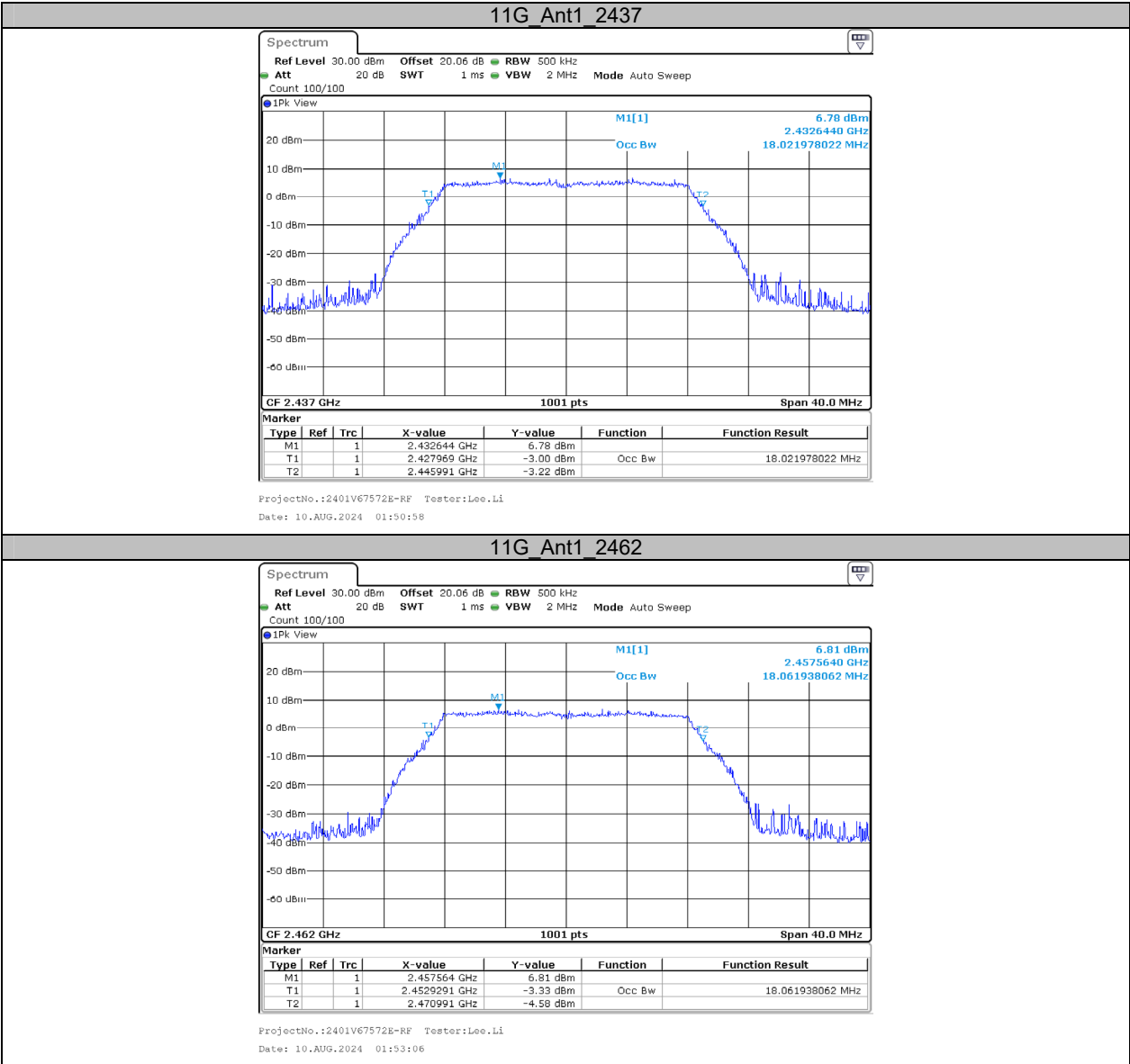
**Appendix B: Occupied Channel Bandwidth****Test Result**

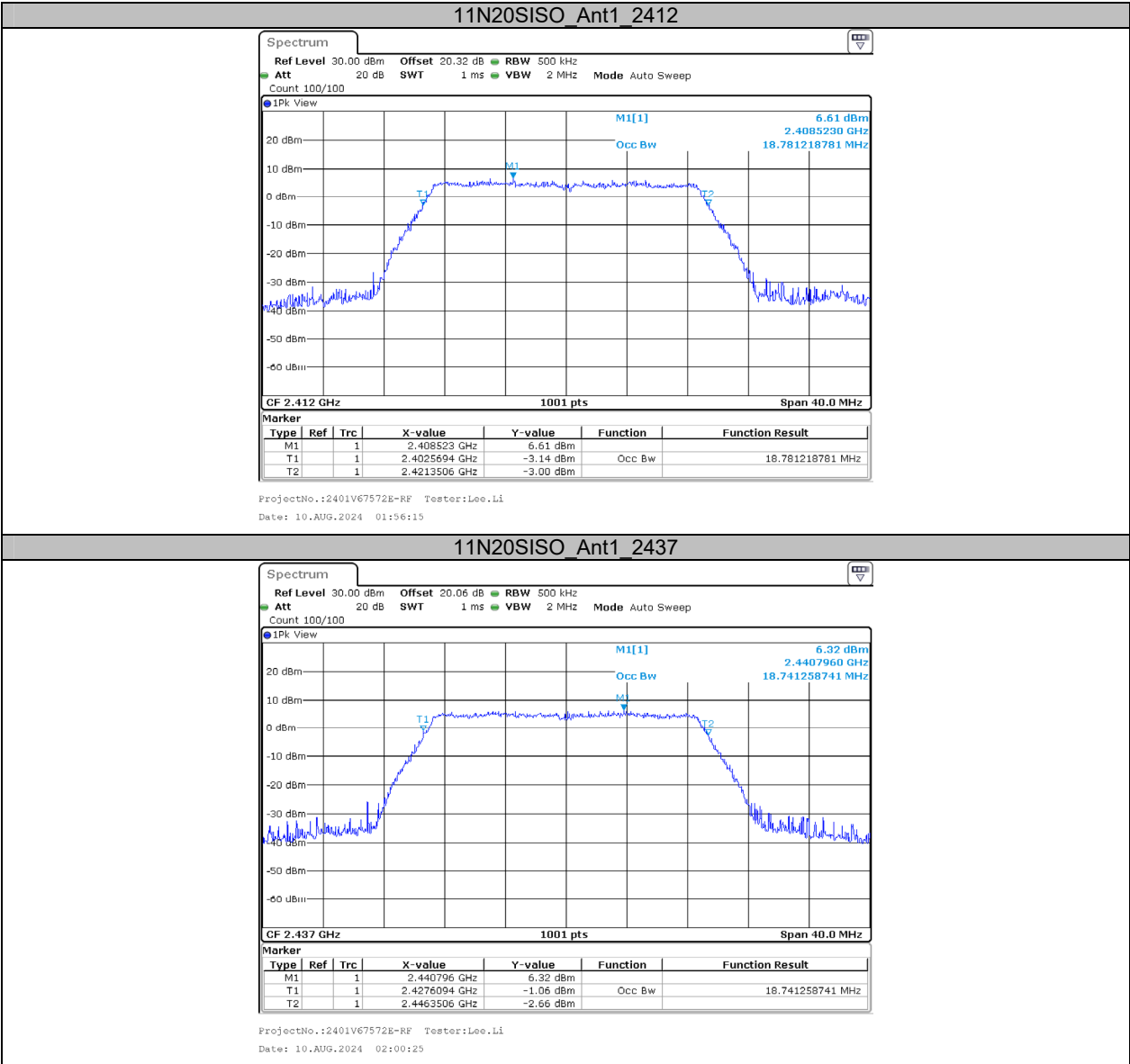
| Test Mode  | Antenna | Channel Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|------------------------|-----------|-----------|-----------|------------|---------|
| 11B        | Ant1    | 2412                   | 12.747    | 2405.5664 | 2418.3137 | ---        | ---     |
|            |         | 2437                   | 12.707    | 2430.6464 | 2443.3536 | ---        | ---     |
|            |         | 2462                   | 12.787    | 2455.5664 | 2468.3536 | ---        | ---     |
| 11G        | Ant1    | 2412                   | 18.062    | 2402.8891 | 2420.9510 | ---        | ---     |
|            |         | 2437                   | 18.022    | 2427.9690 | 2445.9910 | ---        | ---     |
|            |         | 2462                   | 18.062    | 2452.9291 | 2470.9910 | ---        | ---     |
| 11N20SISO  | Ant1    | 2412                   | 18.781    | 2402.5694 | 2421.3506 | ---        | ---     |
|            |         | 2437                   | 18.741    | 2427.6094 | 2446.3506 | ---        | ---     |
|            |         | 2462                   | 18.741    | 2452.6094 | 2471.3506 | ---        | ---     |
| 11N40SISO  | Ant1    | 2422                   | 37.163    | 2403.3786 | 2440.5415 | ---        | ---     |
|            |         | 2437                   | 37.083    | 2418.4585 | 2455.5415 | ---        | ---     |
|            |         | 2452                   | 37.003    | 2433.4585 | 2470.4615 | ---        | ---     |
| 11AX20SISO | Ant1    | 2412                   | 19.540    | 2402.1698 | 2421.7103 | ---        | ---     |
|            |         | 2437                   | 19.461    | 2427.2897 | 2446.7502 | ---        | ---     |
|            |         | 2462                   | 19.461    | 2452.2098 | 2471.6703 | ---        | ---     |
| 11AX40SISO | Ant1    | 2422                   | 38.362    | 2402.8192 | 2441.1808 | ---        | ---     |
|            |         | 2437                   | 38.202    | 2417.8991 | 2456.1009 | ---        | ---     |
|            |         | 2452                   | 38.202    | 2432.8192 | 2471.1021 | ---        | ---     |

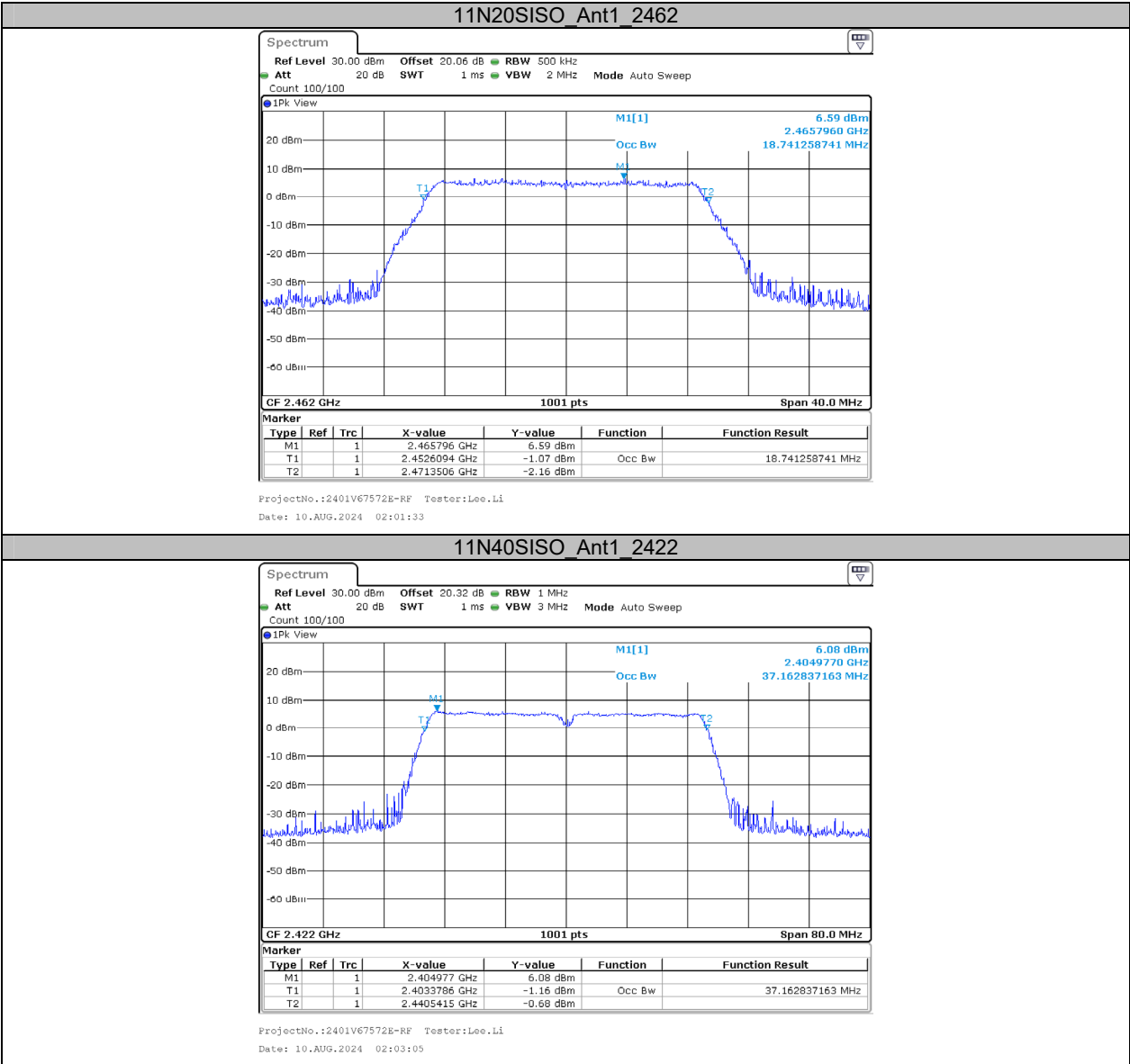
Test Graphs

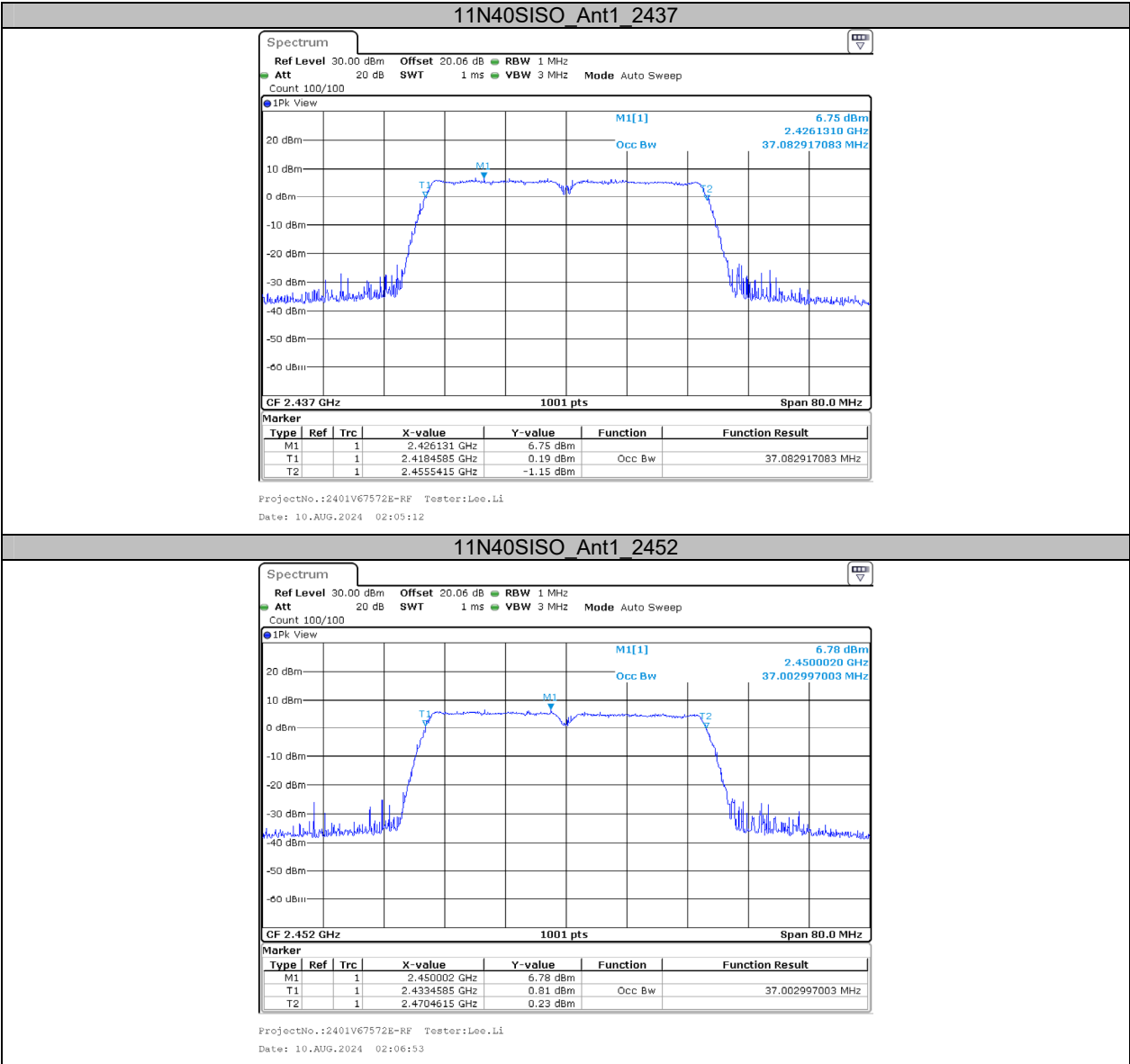


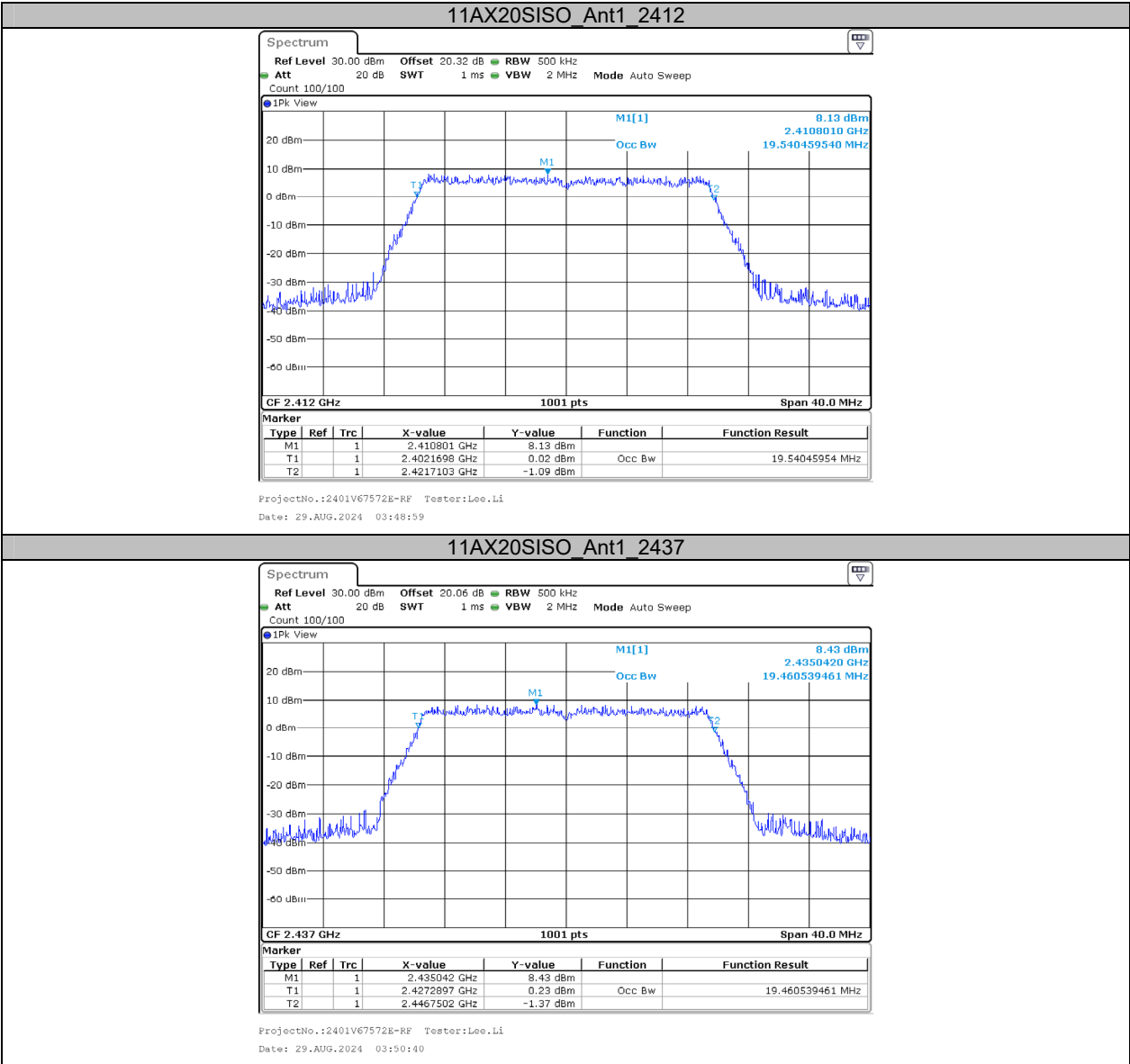


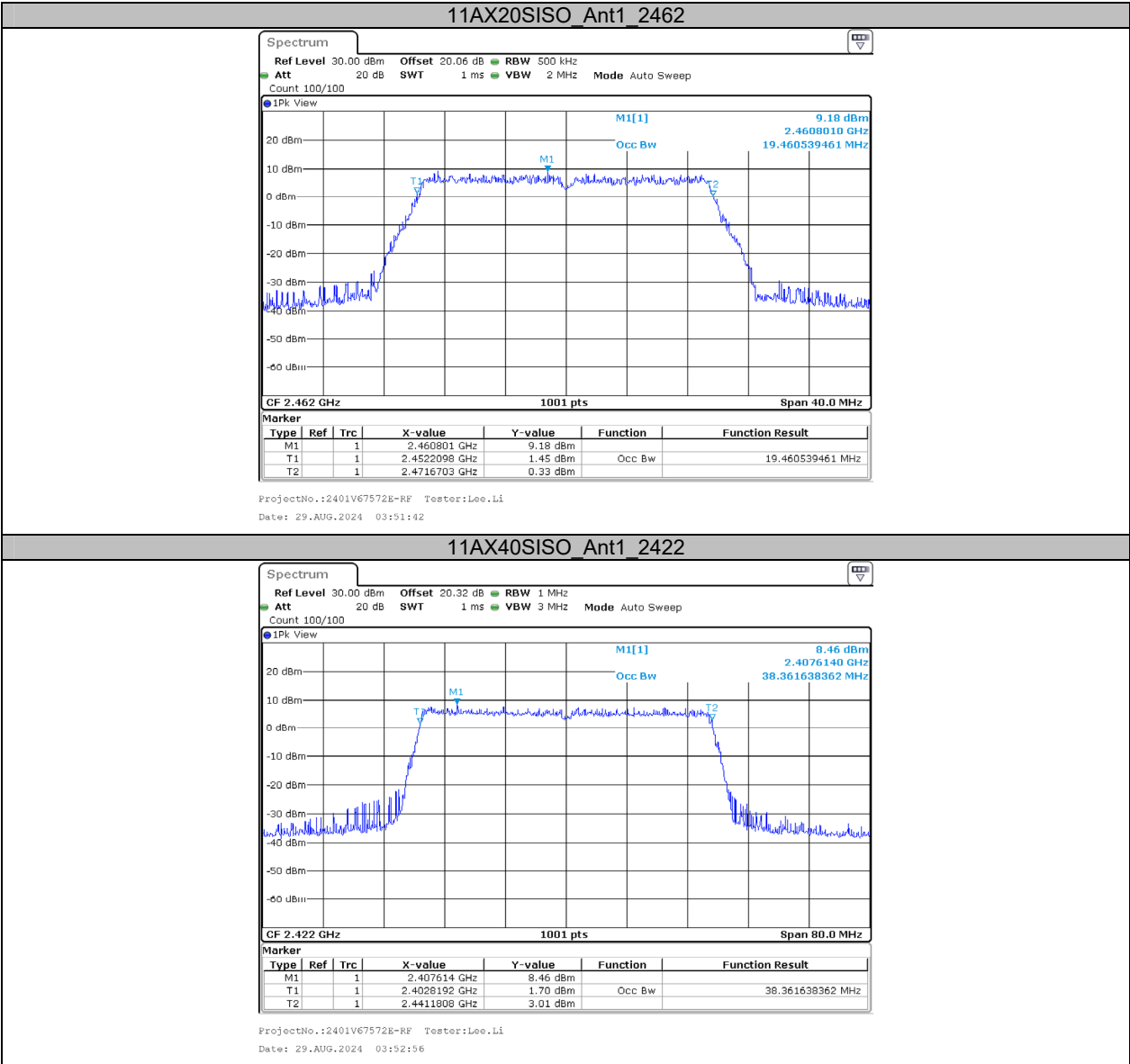


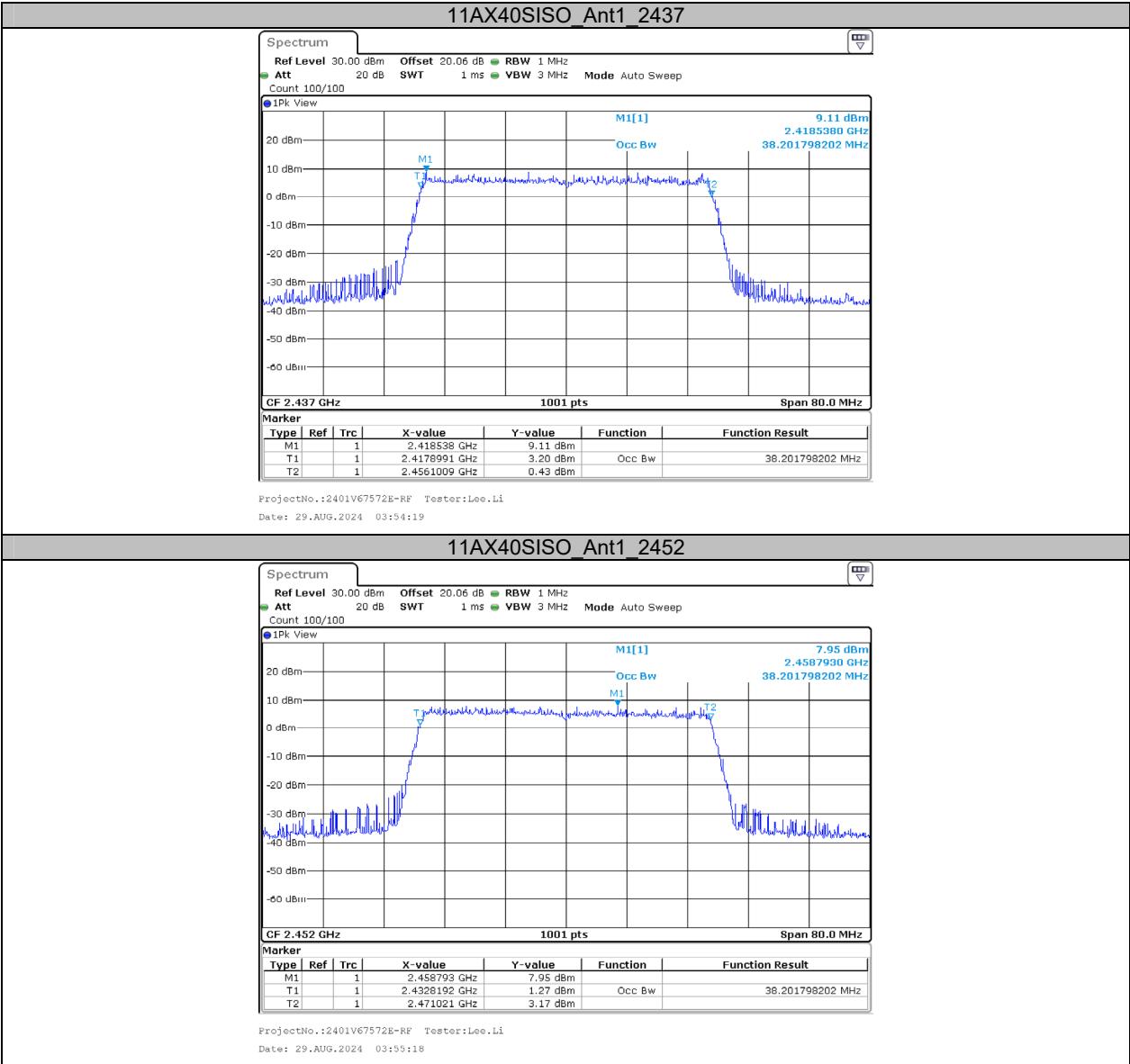












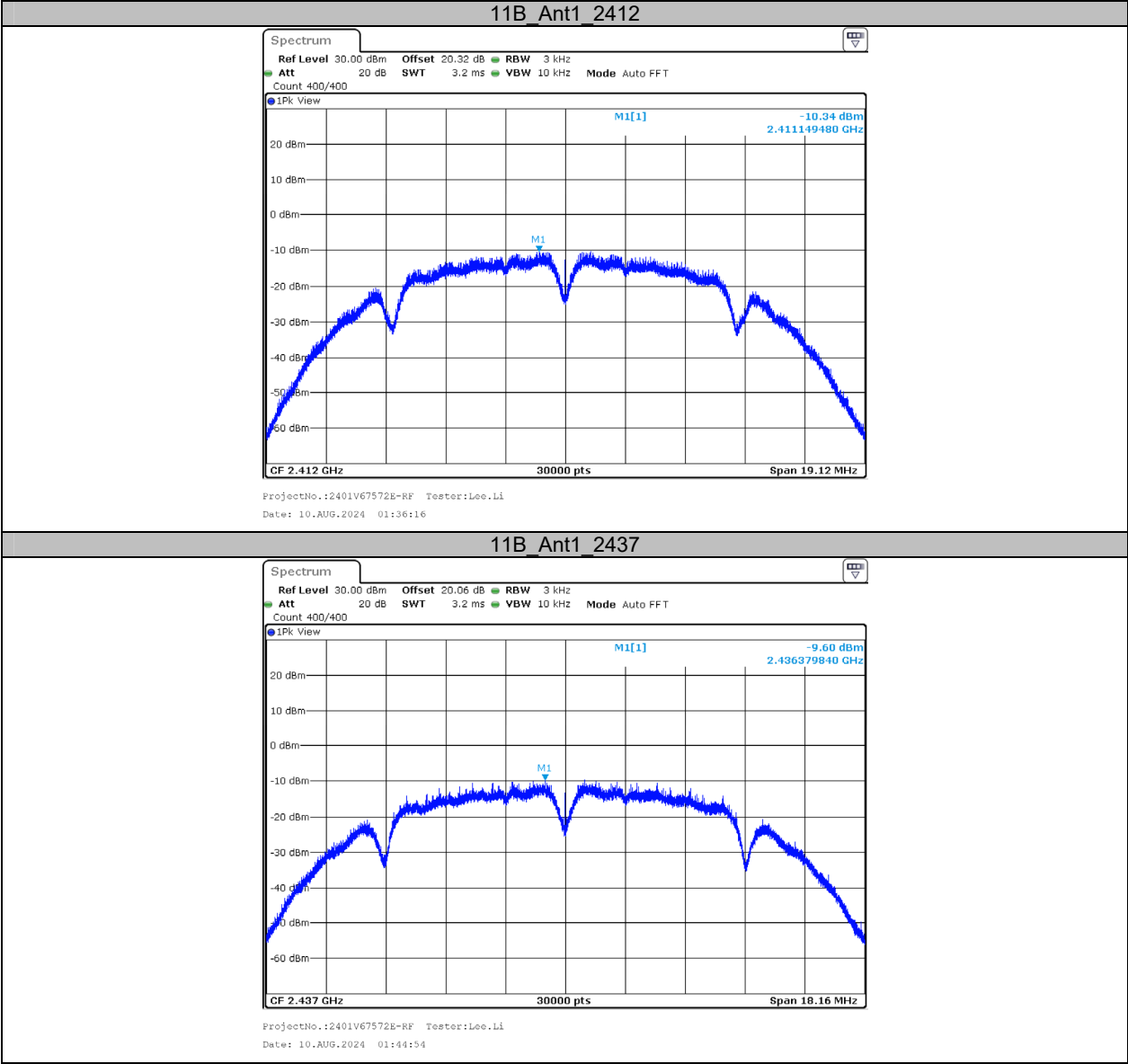
**Appendix C: Maximum Conducted Output Power****Test Result**

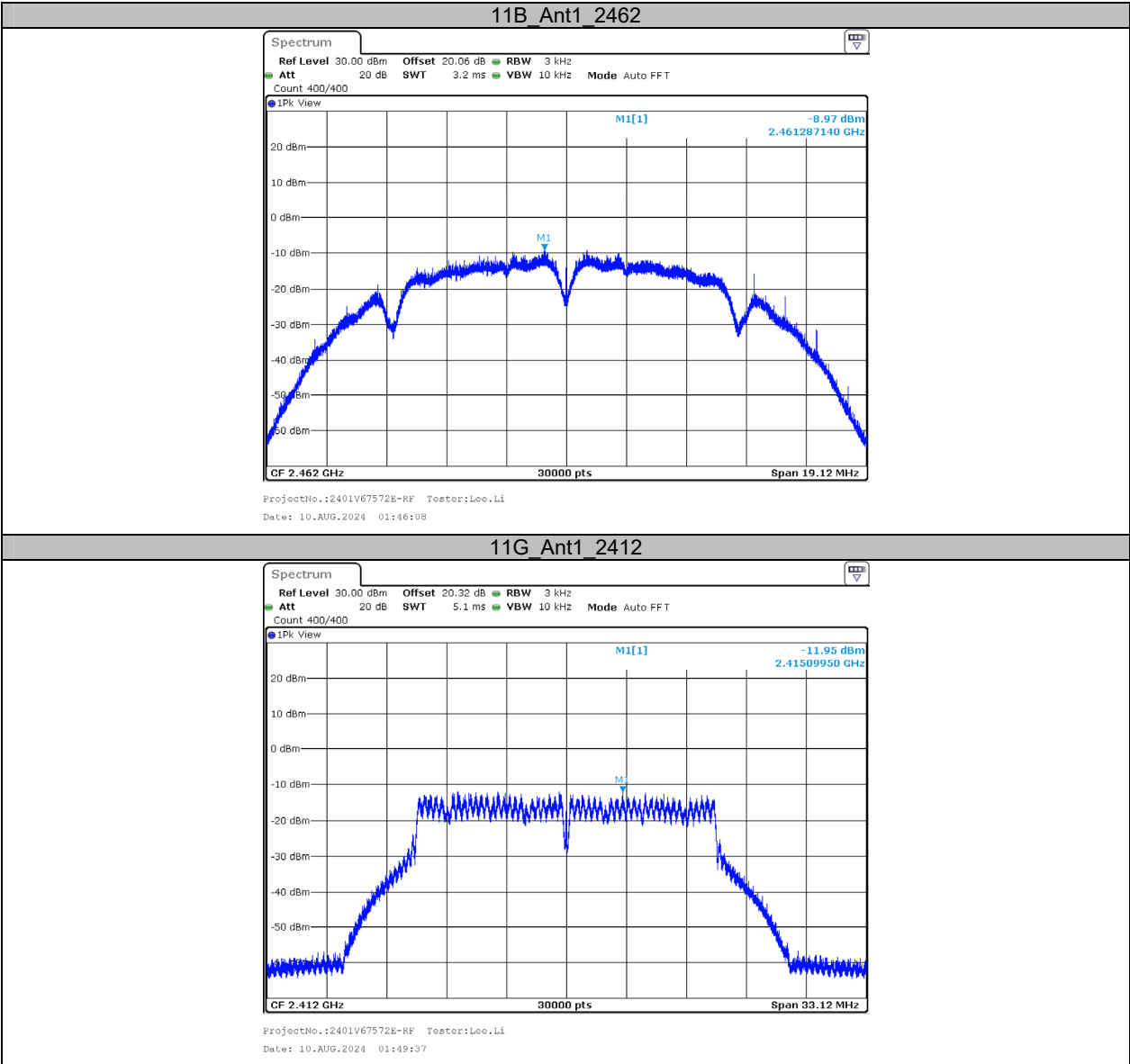
| Test Mode  | Antenna | Frequency [MHz] | Average Power [dBm] | Peak Power [dBm] | Conducted Limit[dBm] | EIRP [dBm] | EIRP Limit[ dBm] | Verdict |
|------------|---------|-----------------|---------------------|------------------|----------------------|------------|------------------|---------|
| 11B        | Ant1    | 2412            | 12.19               | 15.02            | ≤30.00               | 15.23      | ≤36.00           | PASS    |
|            |         | 2437            | 12.45               | 15.26            | ≤30.00               | 15.47      | ≤36.00           | PASS    |
|            |         | 2462            | 12.84               | 15.36            | ≤30.00               | 15.57      | ≤36.00           | PASS    |
| 11G        | Ant1    | 2412            | 12.71               | 19.05            | ≤30.00               | 19.26      | ≤36.00           | PASS    |
|            |         | 2437            | 12.68               | 19.25            | ≤30.00               | 19.46      | ≤36.00           | PASS    |
|            |         | 2462            | 13.14               | 19.43            | ≤30.00               | 19.64      | ≤36.00           | PASS    |
| 11N20SISO  | Ant1    | 2412            | 12.80               | 19.18            | ≤30.00               | 19.39      | ≤36.00           | PASS    |
|            |         | 2437            | 13.00               | 19.34            | ≤30.00               | 19.55      | ≤36.00           | PASS    |
|            |         | 2462            | 13.20               | 19.53            | ≤30.00               | 19.74      | ≤36.00           | PASS    |
| 11N40SISO  | Ant1    | 2422            | 12.20               | 19.66            | ≤30.00               | 19.87      | ≤36.00           | PASS    |
|            |         | 2437            | 12.76               | 18.99            | ≤30.00               | 19.20      | ≤36.00           | PASS    |
|            |         | 2452            | 12.24               | 19.60            | ≤30.00               | 19.81      | ≤36.00           | PASS    |
| 11AX20SISO | Ant1    | 2412            | 12.75               | 19.67            | ≤30.00               | 19.88      | ≤36.00           | PASS    |
|            |         | 2437            | 12.85               | 19.76            | ≤30.00               | 19.97      | ≤36.00           | PASS    |
|            |         | 2462            | 12.88               | 19.73            | ≤30.00               | 19.94      | ≤36.00           | PASS    |
| 11AX40SISO | Ant1    | 2422            | 12.20               | 19.07            | ≤30.00               | 19.28      | ≤36.00           | PASS    |
|            |         | 2437            | 12.43               | 19.35            | ≤30.00               | 19.56      | ≤36.00           | PASS    |
|            |         | 2452            | 12.01               | 19.50            | ≤30.00               | 19.71      | ≤36.00           | PASS    |

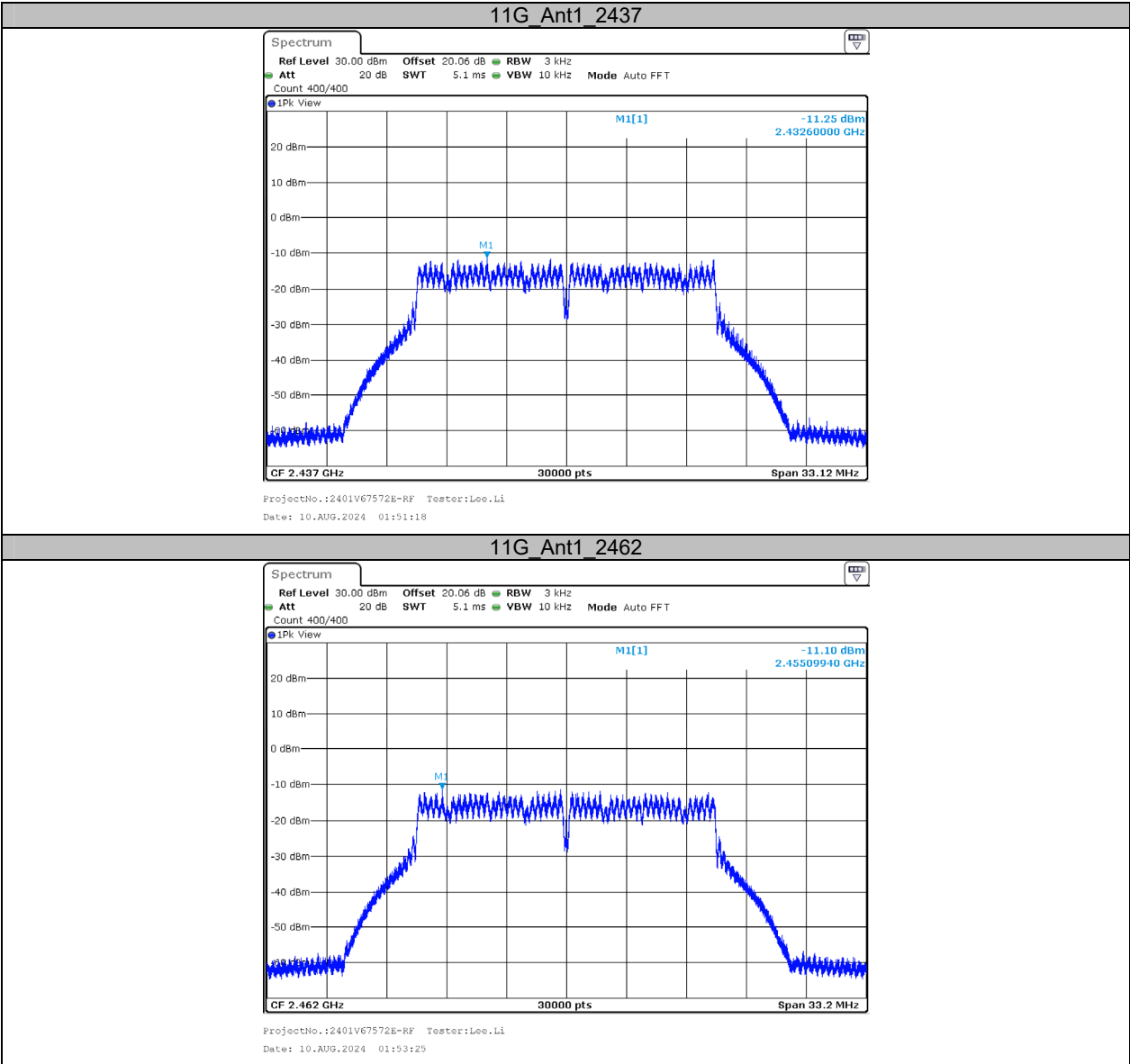
**Appendix D: Maximum Power Spectral Density****Test Result**

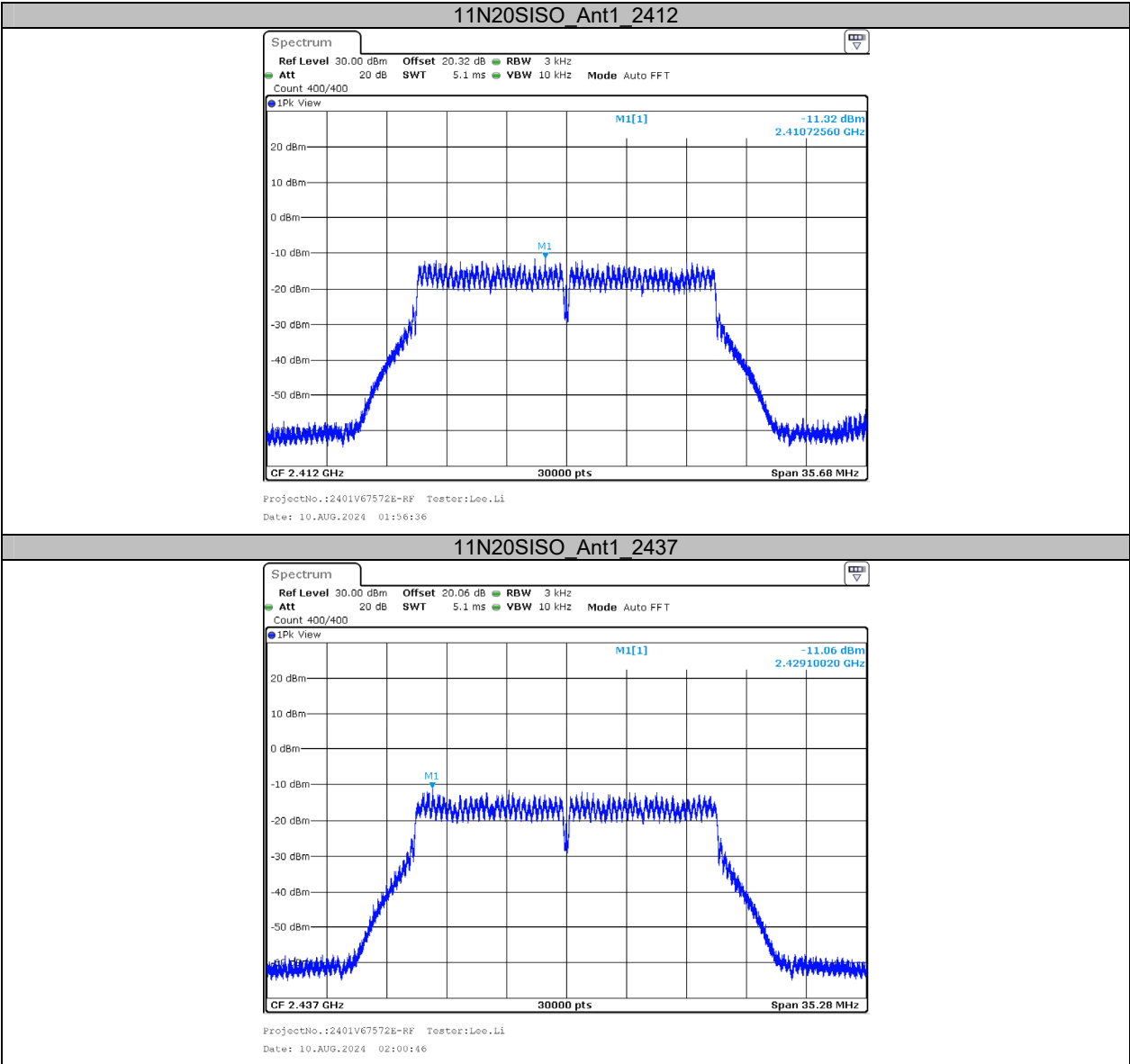
| Test Mode  | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|------------|---------|---------|------------------|-----------------|---------|
| 11B        | Ant1    | 2412    | -10.34           | ≤8.00           | PASS    |
|            |         | 2437    | -9.60            | ≤8.00           | PASS    |
|            |         | 2462    | -8.97            | ≤8.00           | PASS    |
| 11G        | Ant1    | 2412    | -11.95           | ≤8.00           | PASS    |
|            |         | 2437    | -11.25           | ≤8.00           | PASS    |
|            |         | 2462    | -11.10           | ≤8.00           | PASS    |
| 11N20SISO  | Ant1    | 2412    | -11.32           | ≤8.00           | PASS    |
|            |         | 2437    | -11.06           | ≤8.00           | PASS    |
|            |         | 2462    | -11.23           | ≤8.00           | PASS    |
| 11N40SISO  | Ant1    | 2422    | -15.13           | ≤8.00           | PASS    |
|            |         | 2437    | -14.40           | ≤8.00           | PASS    |
|            |         | 2452    | -14.92           | ≤8.00           | PASS    |
| 11AX20SISO | Ant1    | 2412    | -12.40           | ≤8.00           | PASS    |
|            |         | 2437    | -12.79           | ≤8.00           | PASS    |
|            |         | 2462    | -11.86           | ≤8.00           | PASS    |
| 11AX40SISO | Ant1    | 2422    | -16.07           | ≤8.00           | PASS    |
|            |         | 2437    | -15.72           | ≤8.00           | PASS    |
|            |         | 2452    | -15.82           | ≤8.00           | PASS    |

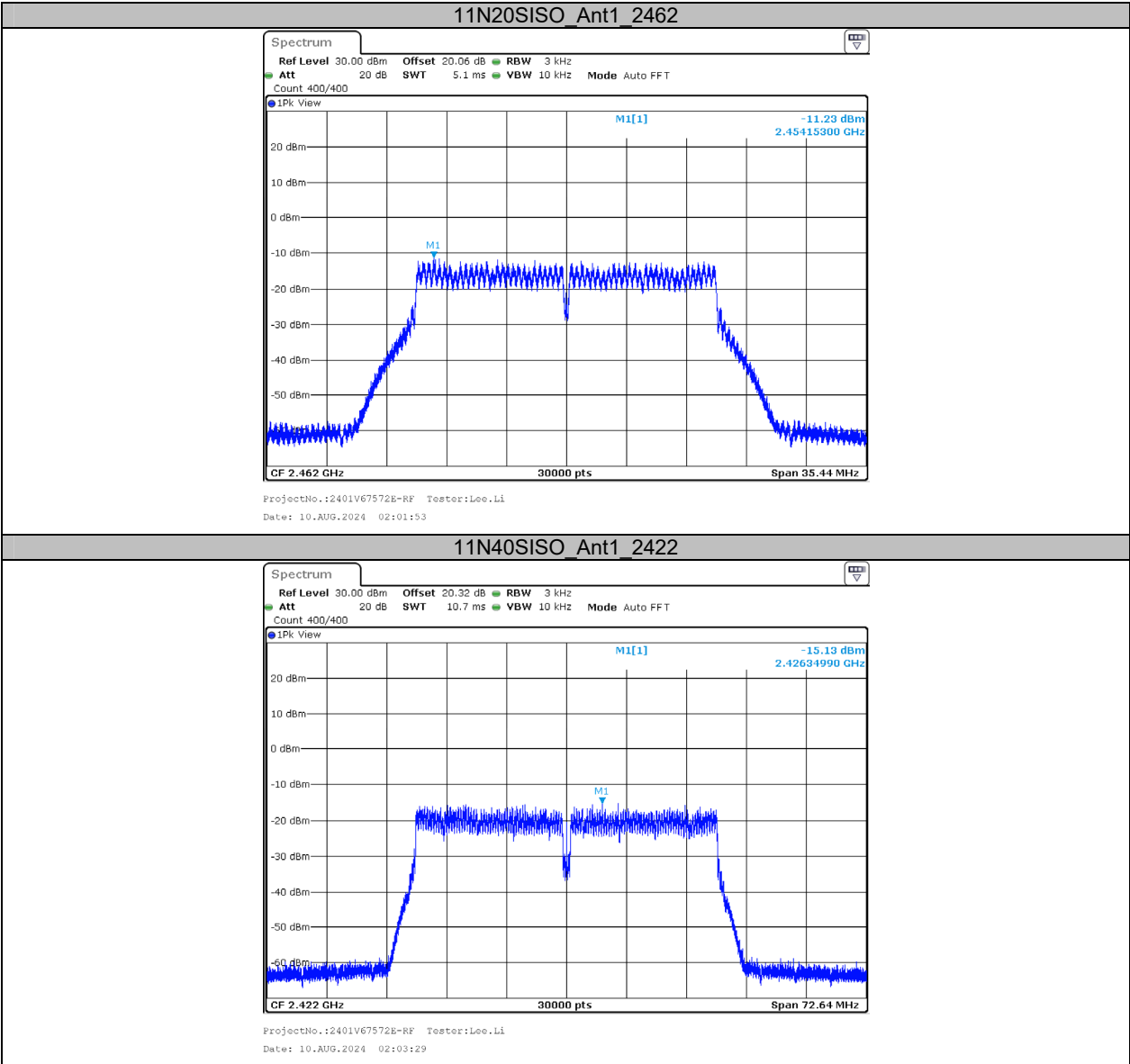
Test Graphs

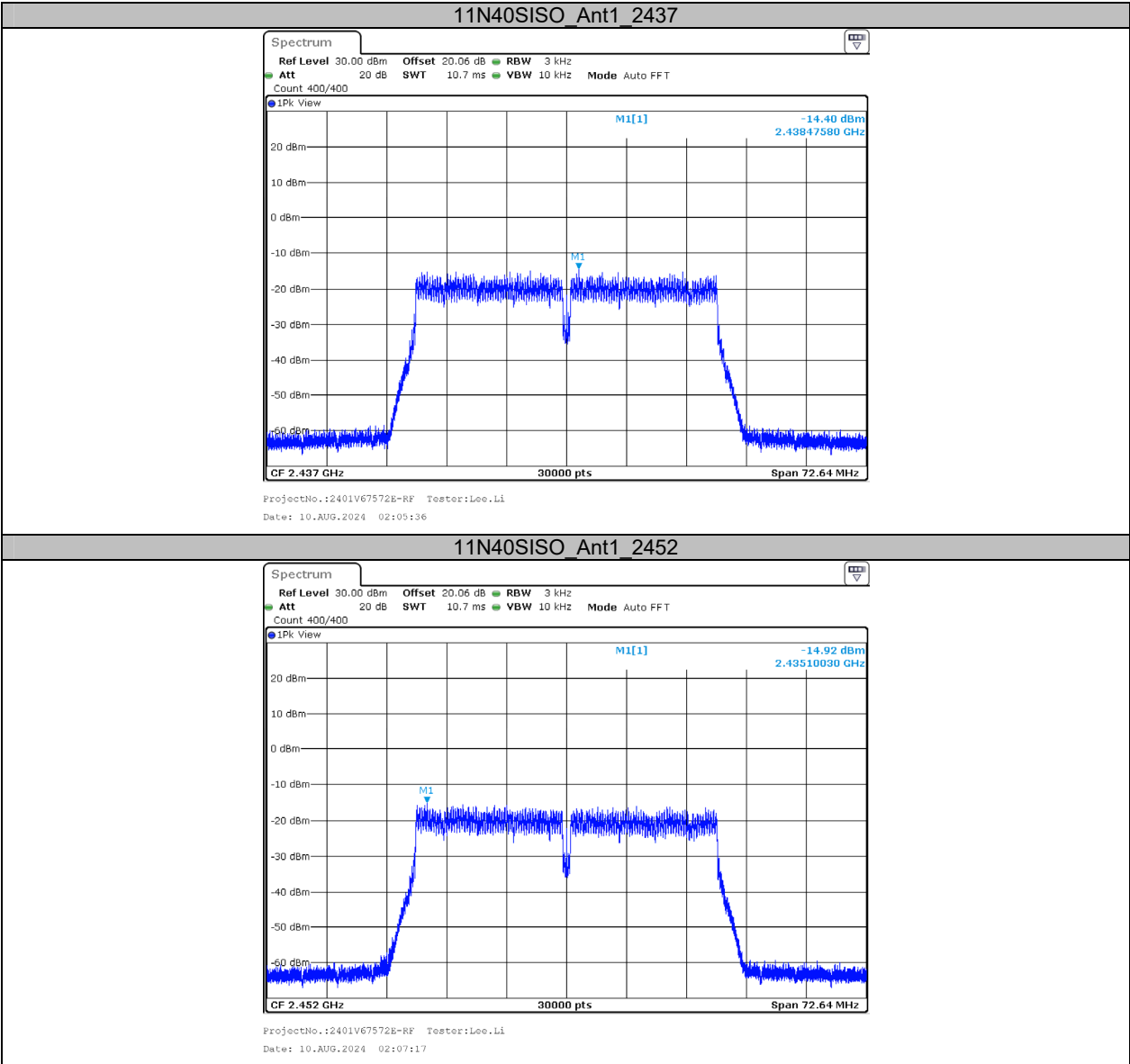


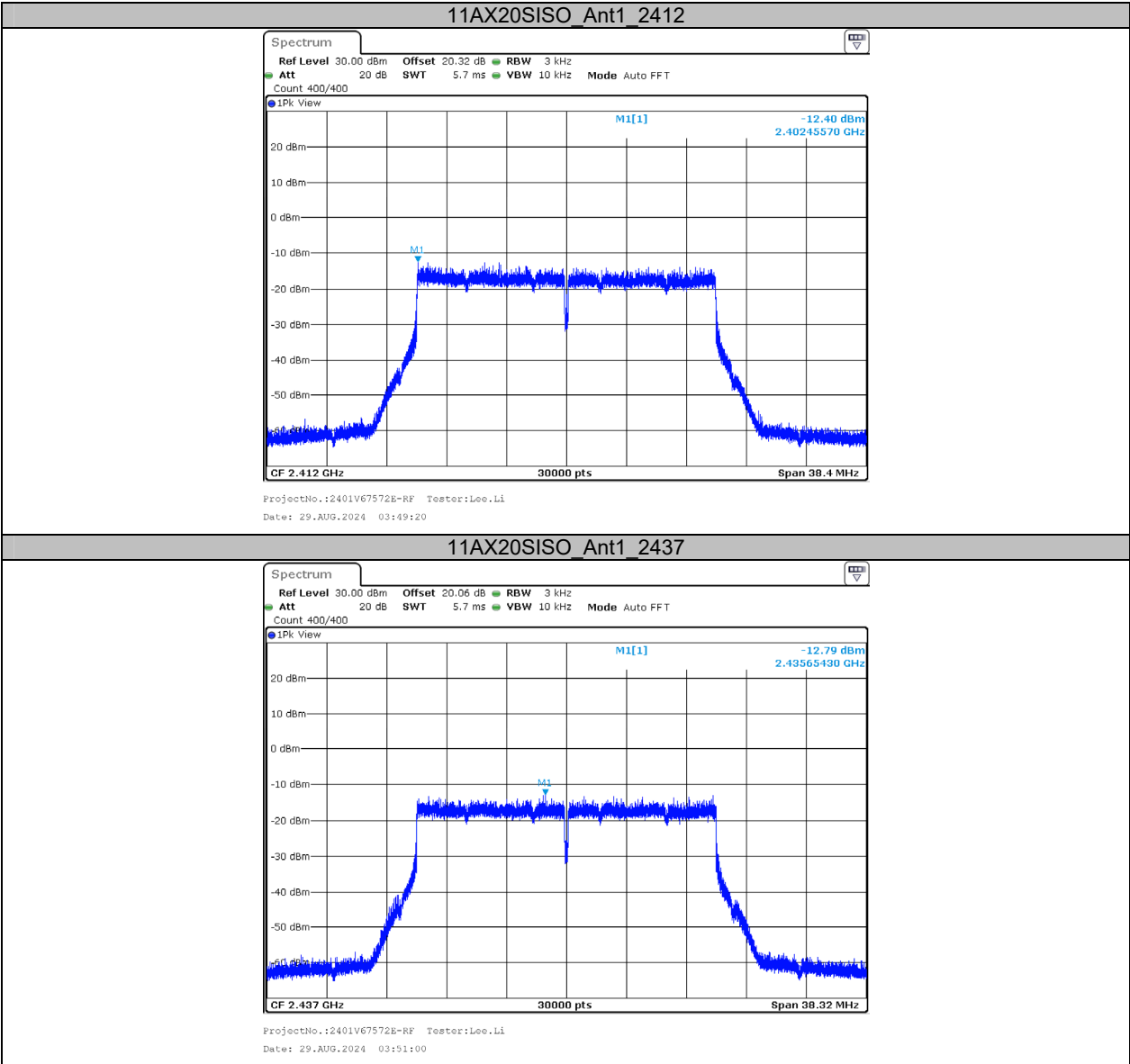


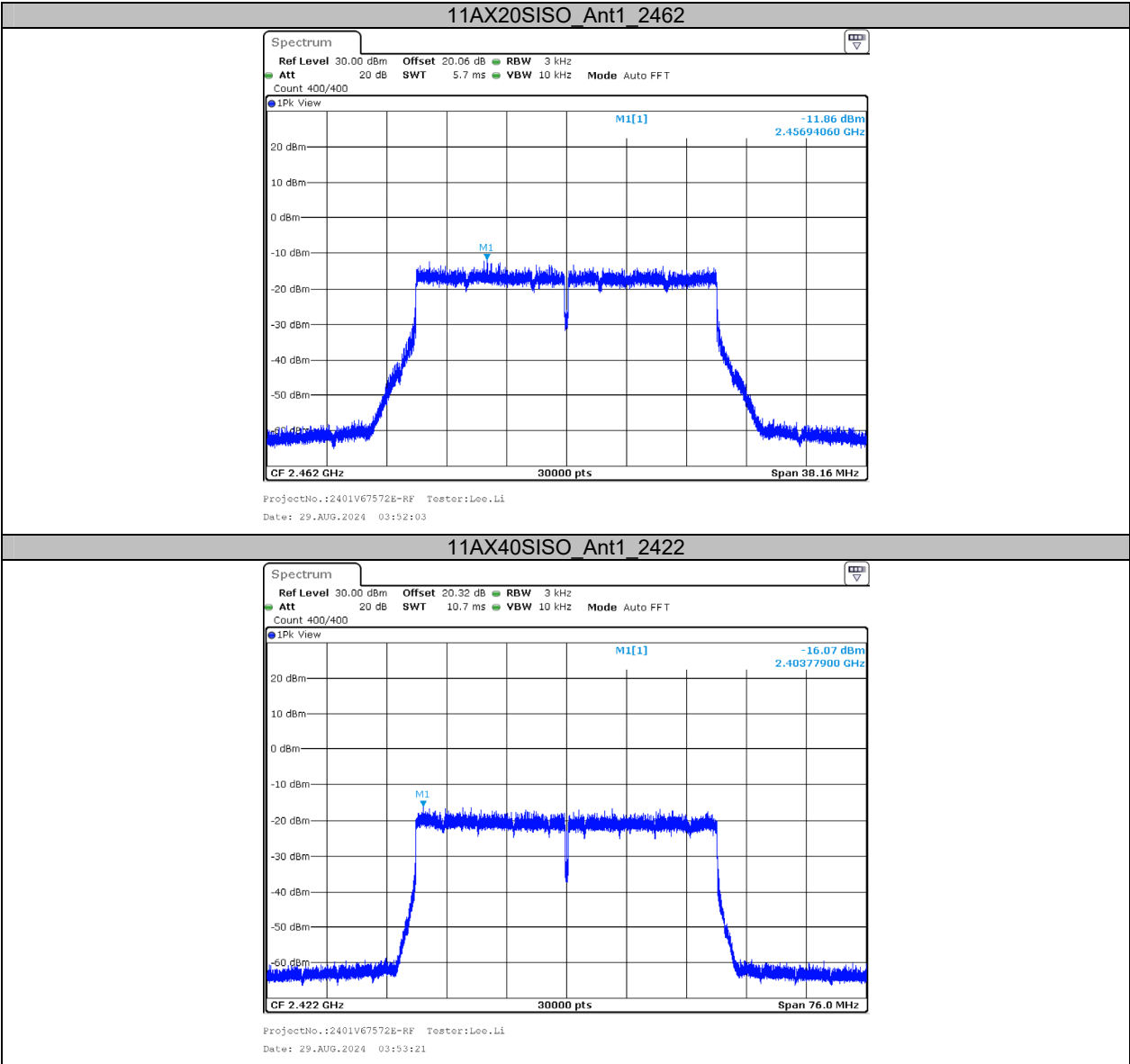


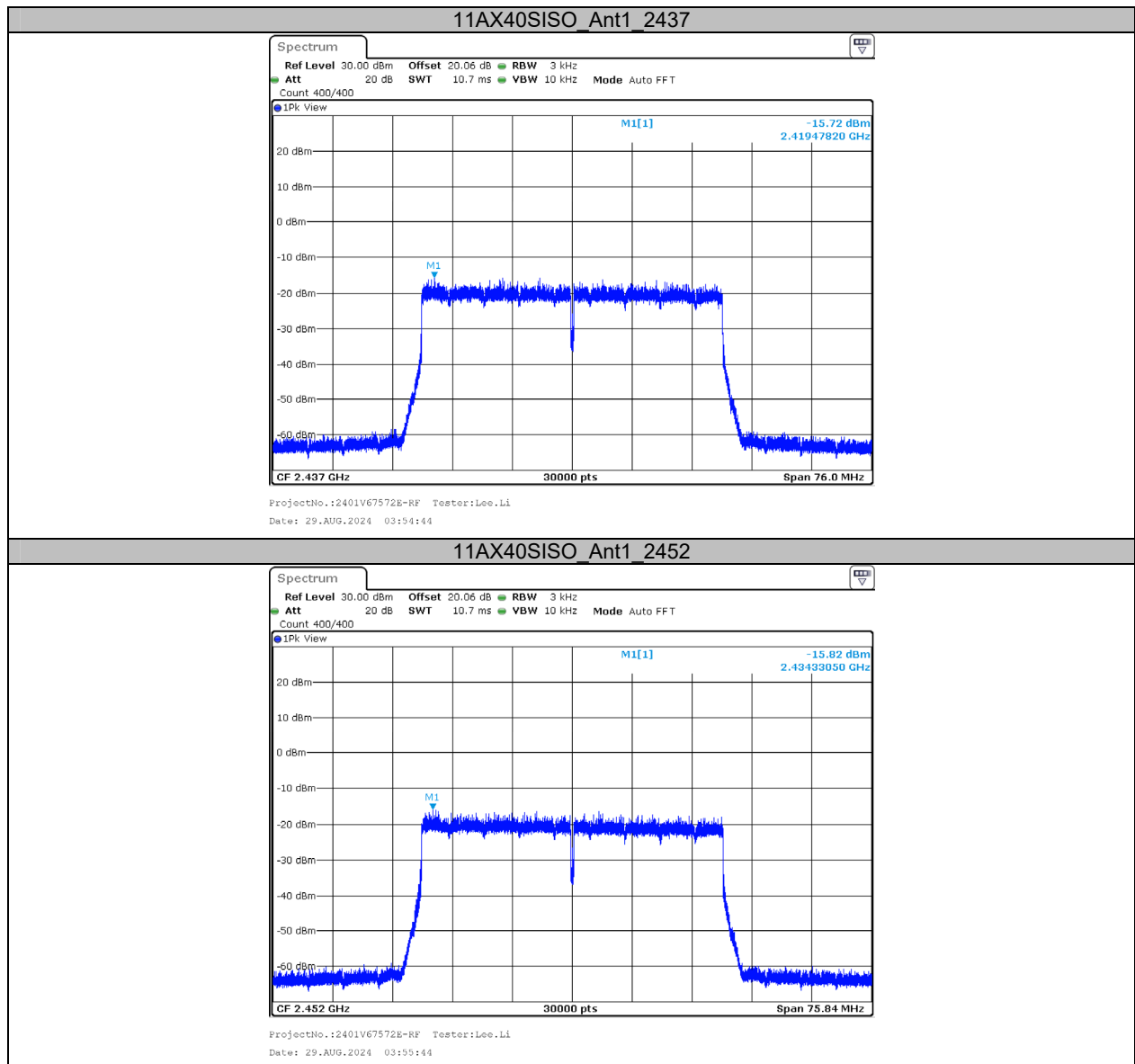






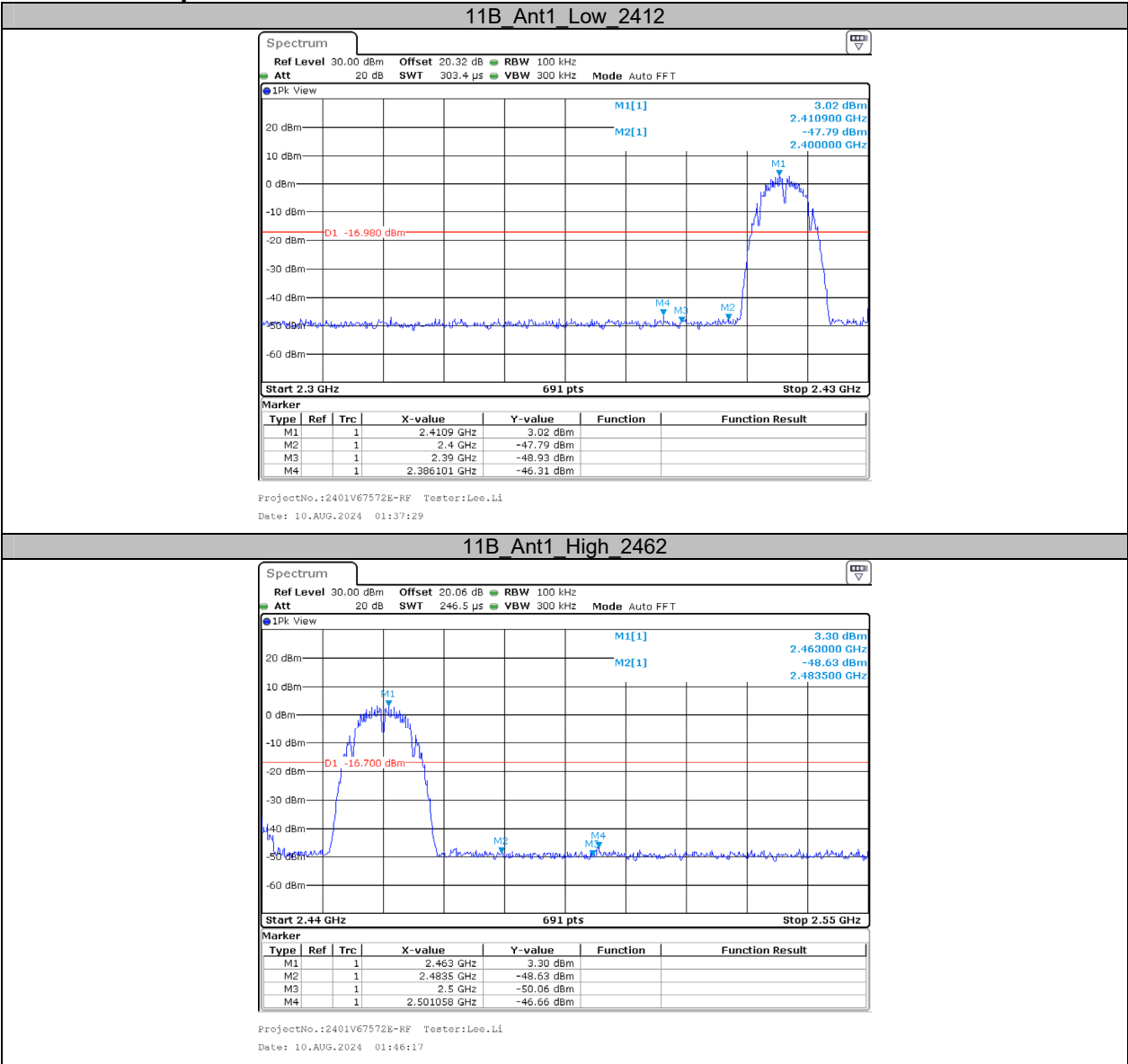


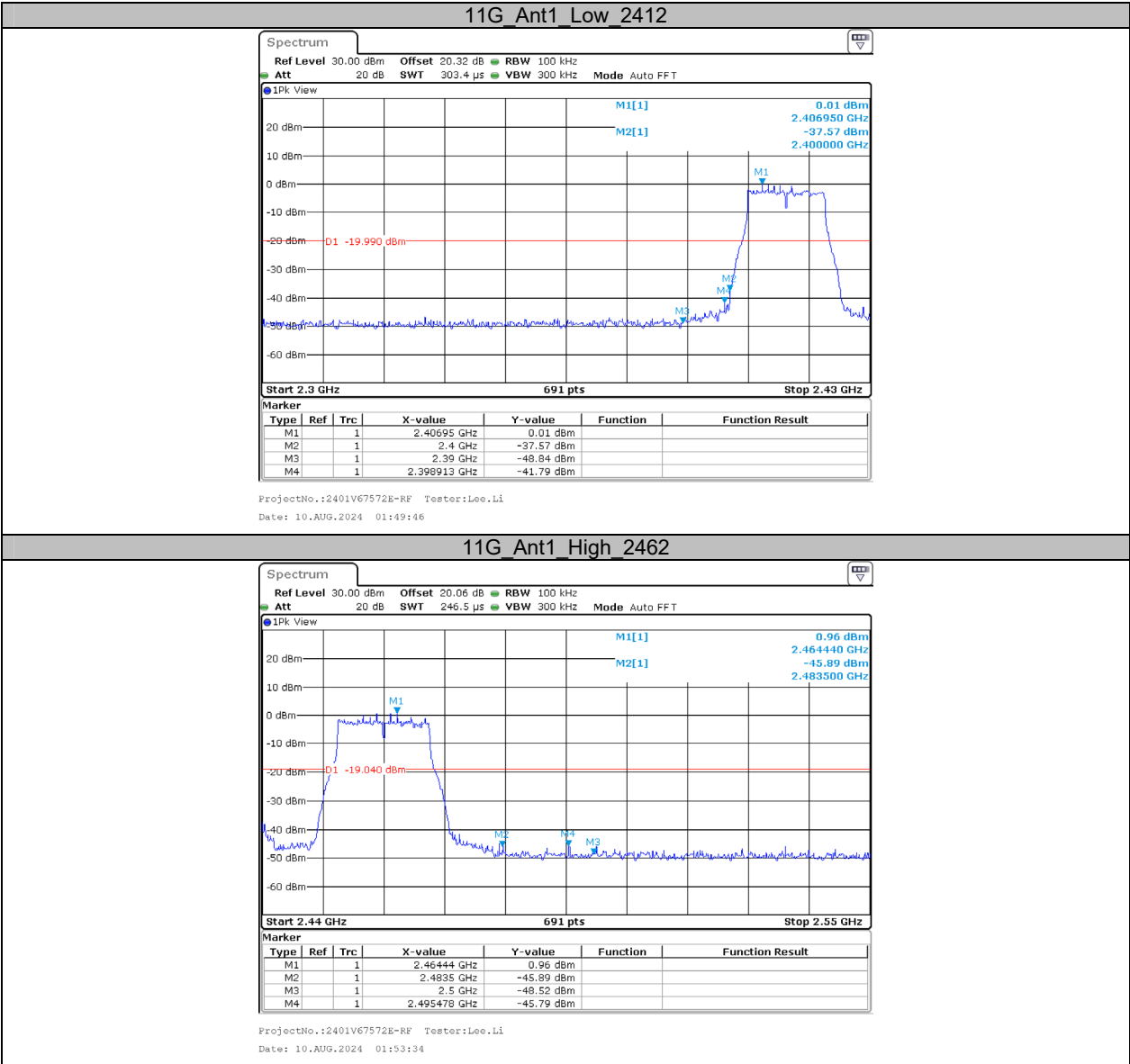


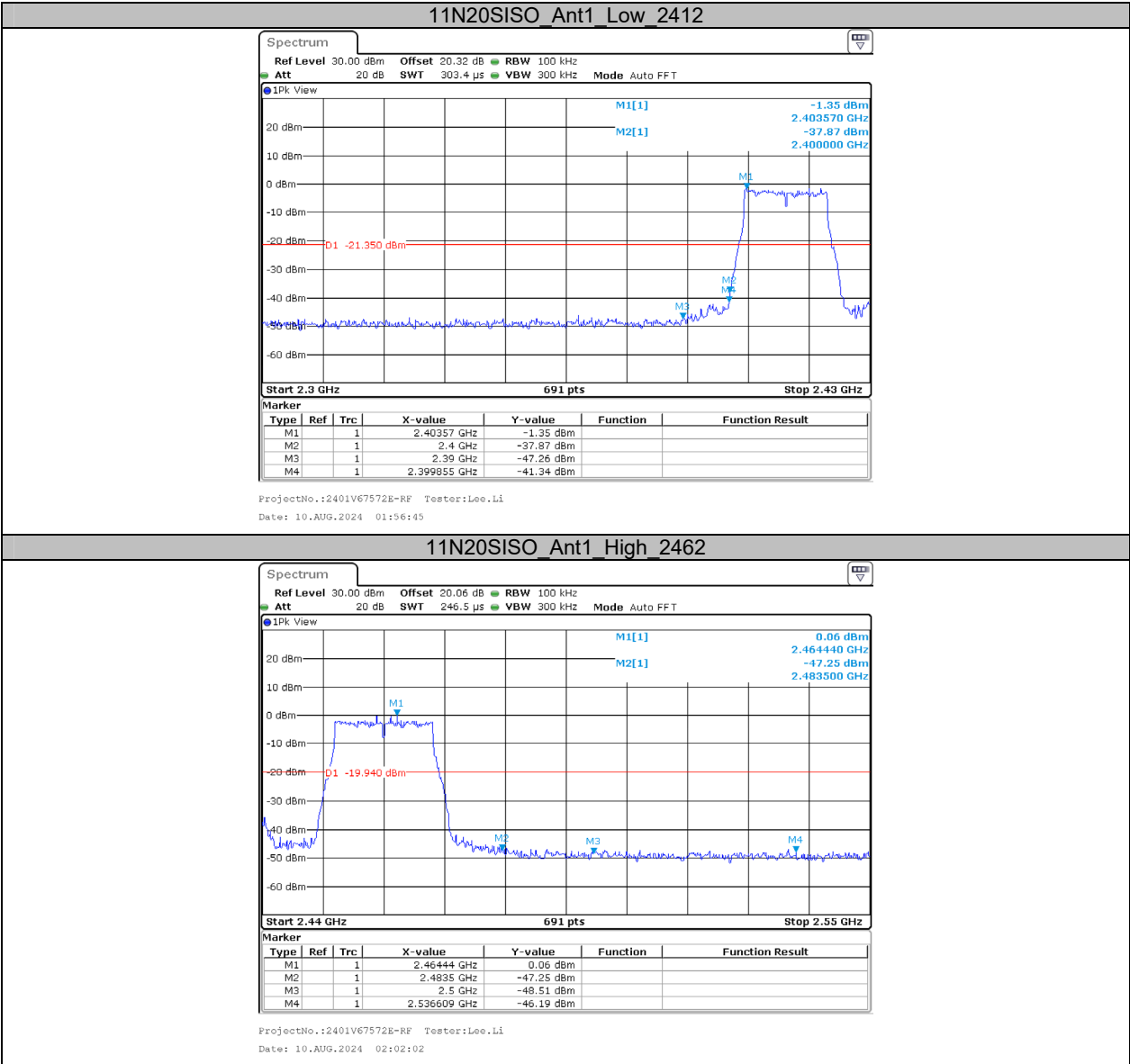


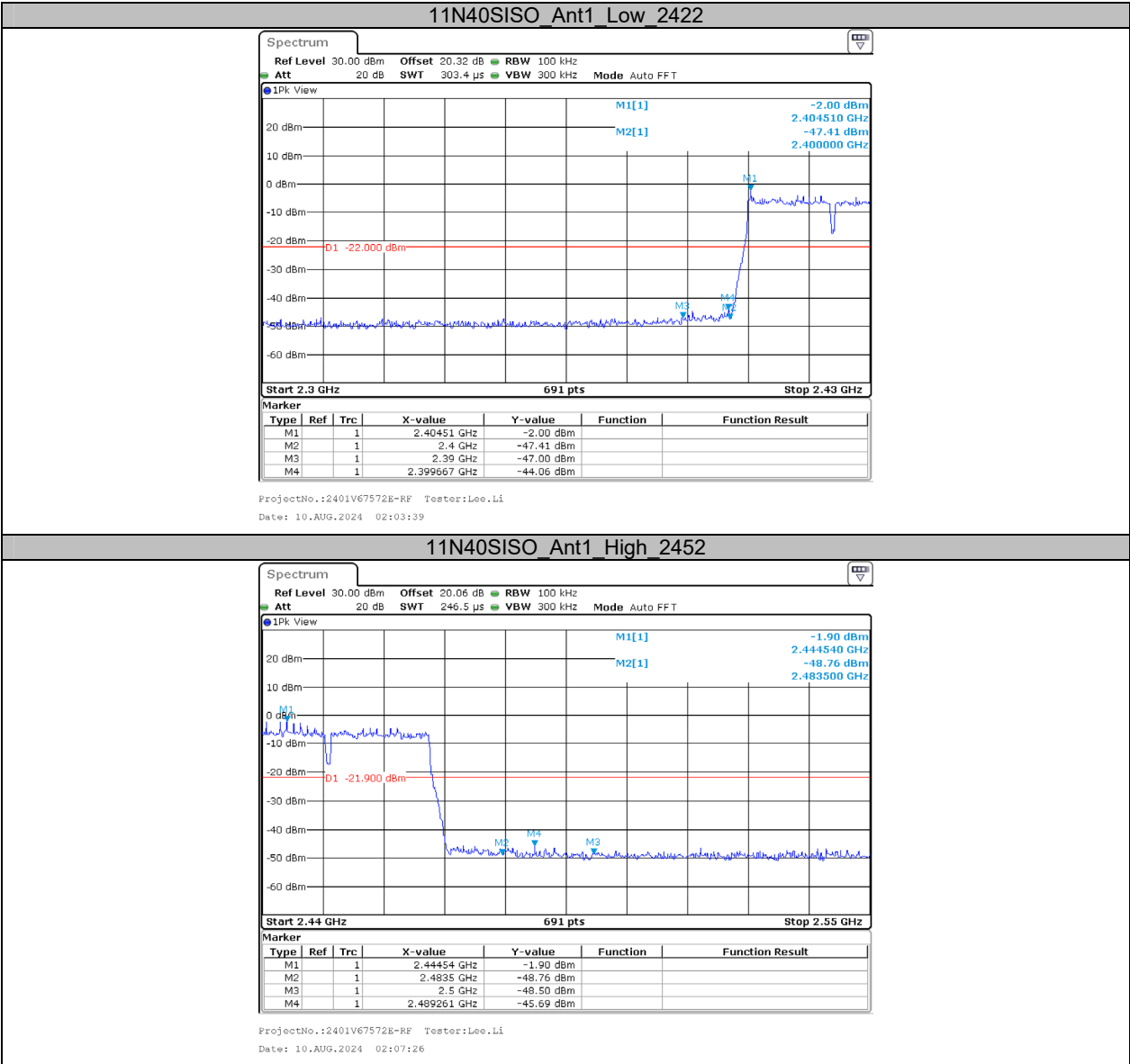
Appendix E: Band Edge Measurements

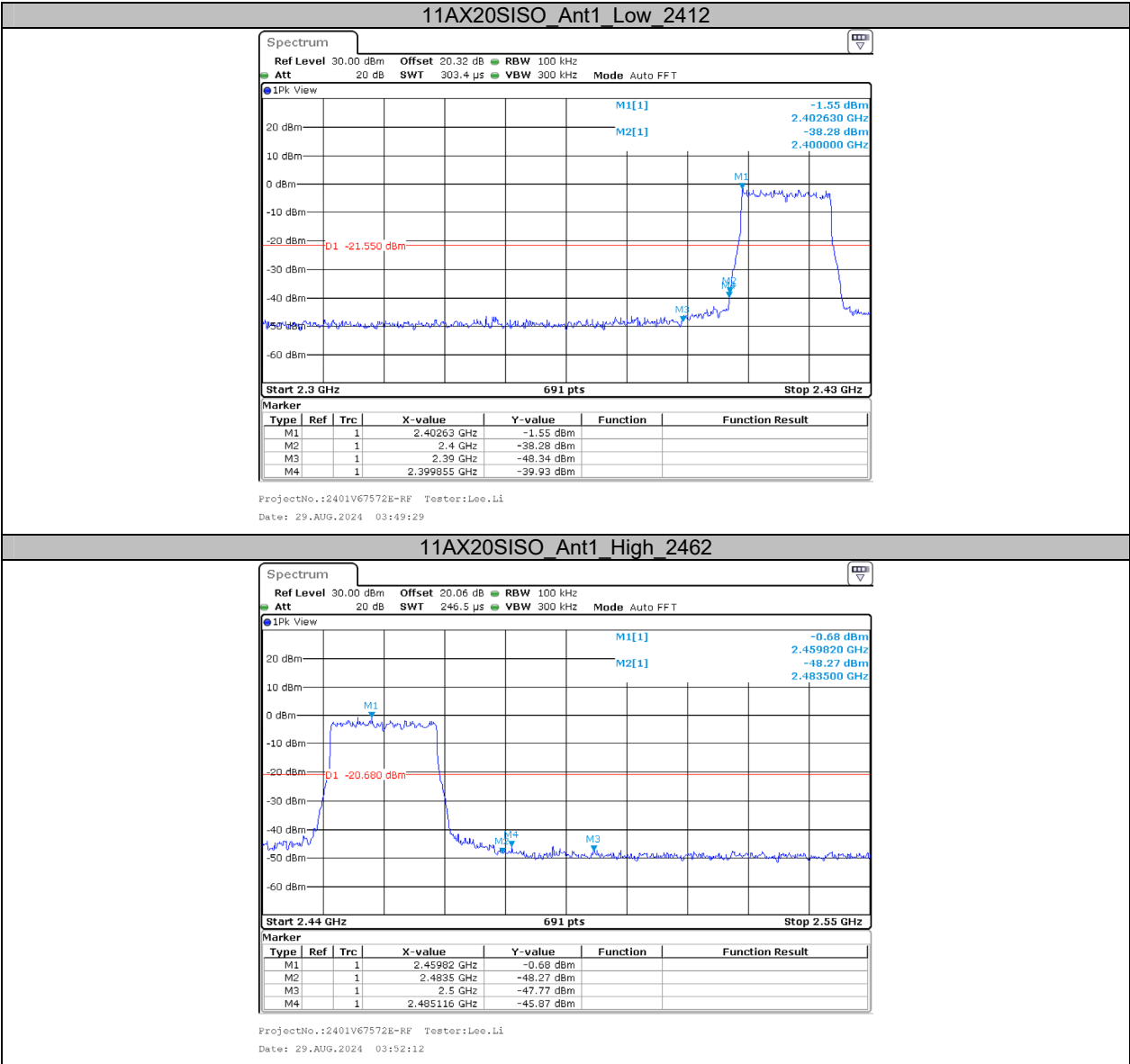
Test Graphs

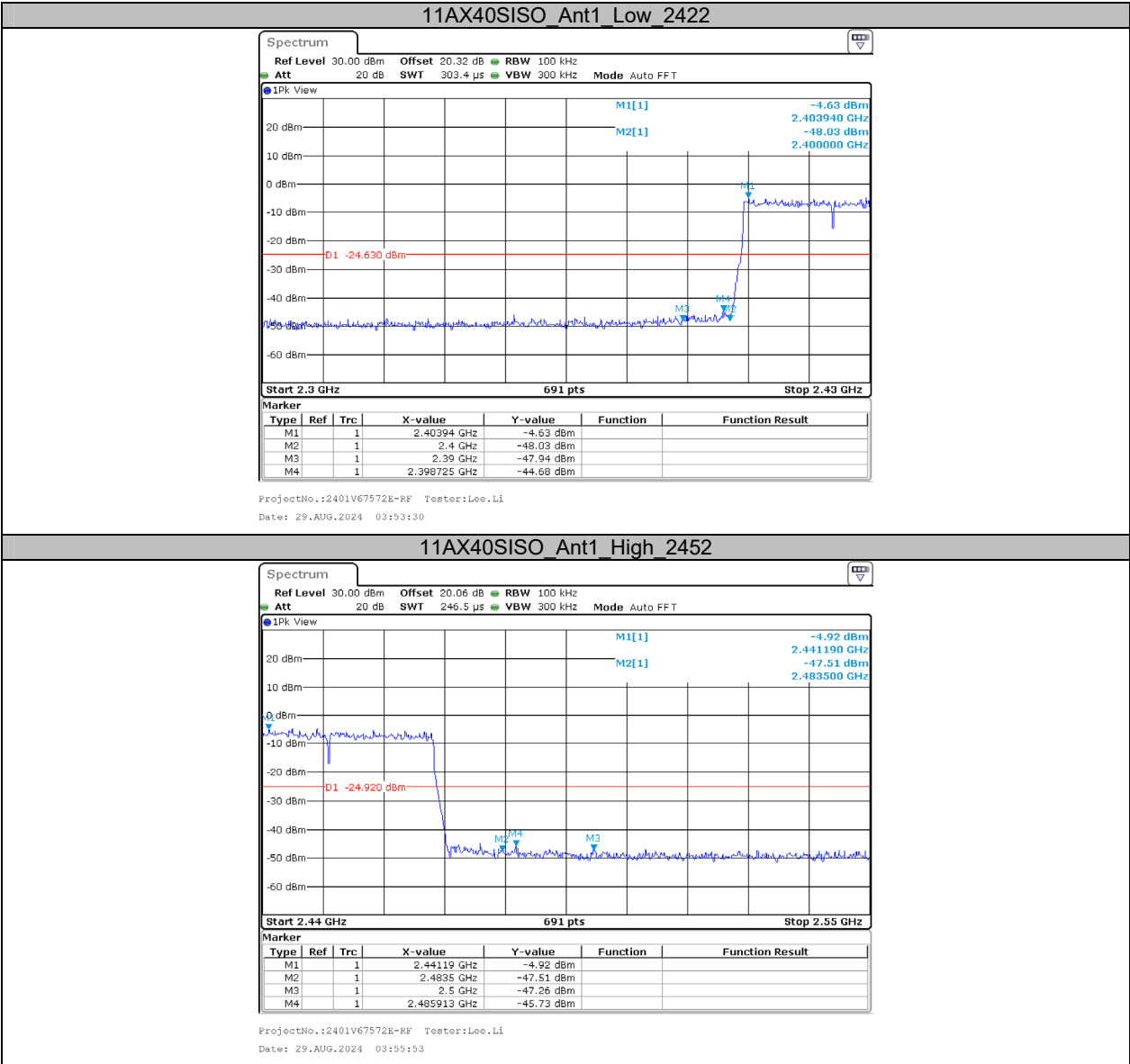












## Appendix F: Duty Cycle

### Test Result

| Test Mode  | Antenna | Frequency [MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | 1/T [Hz] | VBW Setting [Hz] |
|------------|---------|-----------------|----------------------------|--------------------------|----------------|----------|------------------|
| 11B        | Ant1    | 2437            | 12.24                      | 12.32                    | 99.35          | /        | 10               |
| 11G        | Ant1    | 2437            | 5.47                       | 10.33                    | 52.95          | 183      | 500              |
| 11N20SISO  | Ant1    | 2437            | 5.37                       | 10.40                    | 51.63          | 186      | 500              |
| 11N40SISO  | Ant1    | 2437            | 3.00                       | 6.33                     | 47.39          | 333      | 500              |
| 11AX20SISO | Ant1    | 2437            | 4.73                       | 4.75                     | 99.58          | /        | 10               |
| 11AX40SISO | Ant1    | 2437            | 4.73                       | 4.75                     | 99.58          | /        | 10               |

### Test Graphs





