

## Appendix Test Data

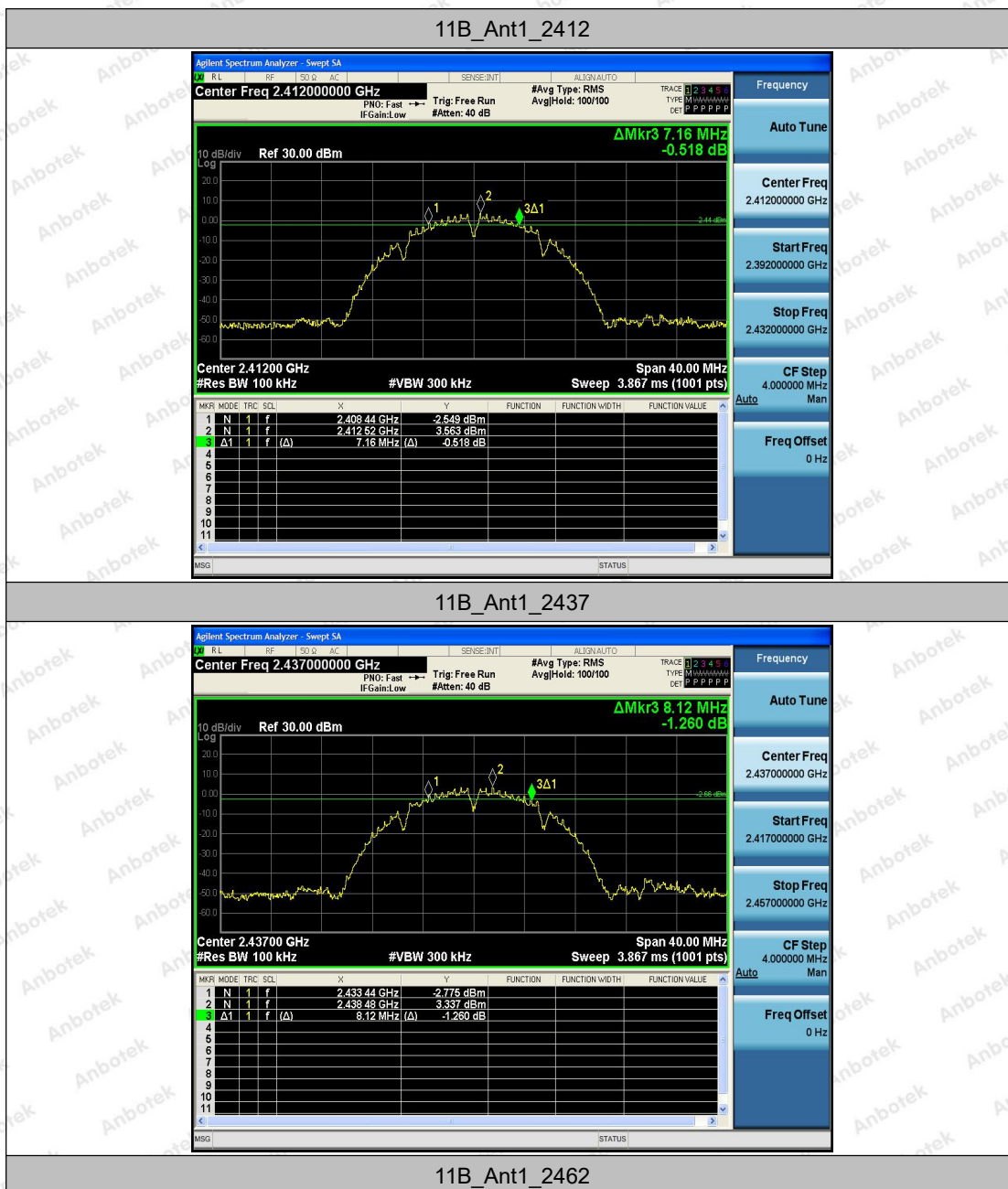
|                  |                 |                    |                   |
|------------------|-----------------|--------------------|-------------------|
| Report No.:      | 18220WC20024803 | Test Sample No.:   | 1-2-2             |
| Start Test Date: | 2022.2.18       | Finish Test Date:  | 2022.3.9          |
| Test Engineer:   | <i>Jony.He</i>  | Auditor:           | <i>Edward.Pan</i> |
| Temperature:     | 24.3℃           | Relative Humidity: | 56 %              |
| Pressure:        | 1012 hPa        |                    |                   |

## Appendix A: DTS Bandwidth

## Test Result

| TestMode | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B      | Ant1    | 2412    | 7.160        | 2408.440 | 2415.600 | ≥0.5       | PASS    |
|          |         | 2437    | 8.120        | 2433.440 | 2441.560 | ≥0.5       | PASS    |
|          |         | 2462    | 7.640        | 2457.920 | 2465.560 | ≥0.5       | PASS    |
| 11G      | Ant1    | 2412    | 15.280       | 2404.520 | 2419.800 | ≥0.5       | PASS    |
|          |         | 2437    | 15.080       | 2429.720 | 2444.800 | ≥0.5       | PASS    |
|          |         | 2462    | 15.160       | 2454.440 | 2469.600 | ≥0.5       | PASS    |
| 11N20    | Ant1    | 2412    | 15.240       | 2404.400 | 2419.640 | ≥0.5       | PASS    |
|          |         | 2437    | 16.360       | 2428.440 | 2444.800 | ≥0.5       | PASS    |
|          |         | 2462    | 15.080       | 2454.480 | 2469.560 | ≥0.5       | PASS    |
| 11N40    | Ant1    | 2422    | 32.640       | 2404.420 | 2437.060 | ≥0.5       | PASS    |
|          |         | 2437    | 35.880       | 2419.060 | 2454.940 | ≥0.5       | PASS    |
|          |         | 2452    | 33.900       | 2435.680 | 2469.580 | ≥0.5       | PASS    |

## Test Graphs

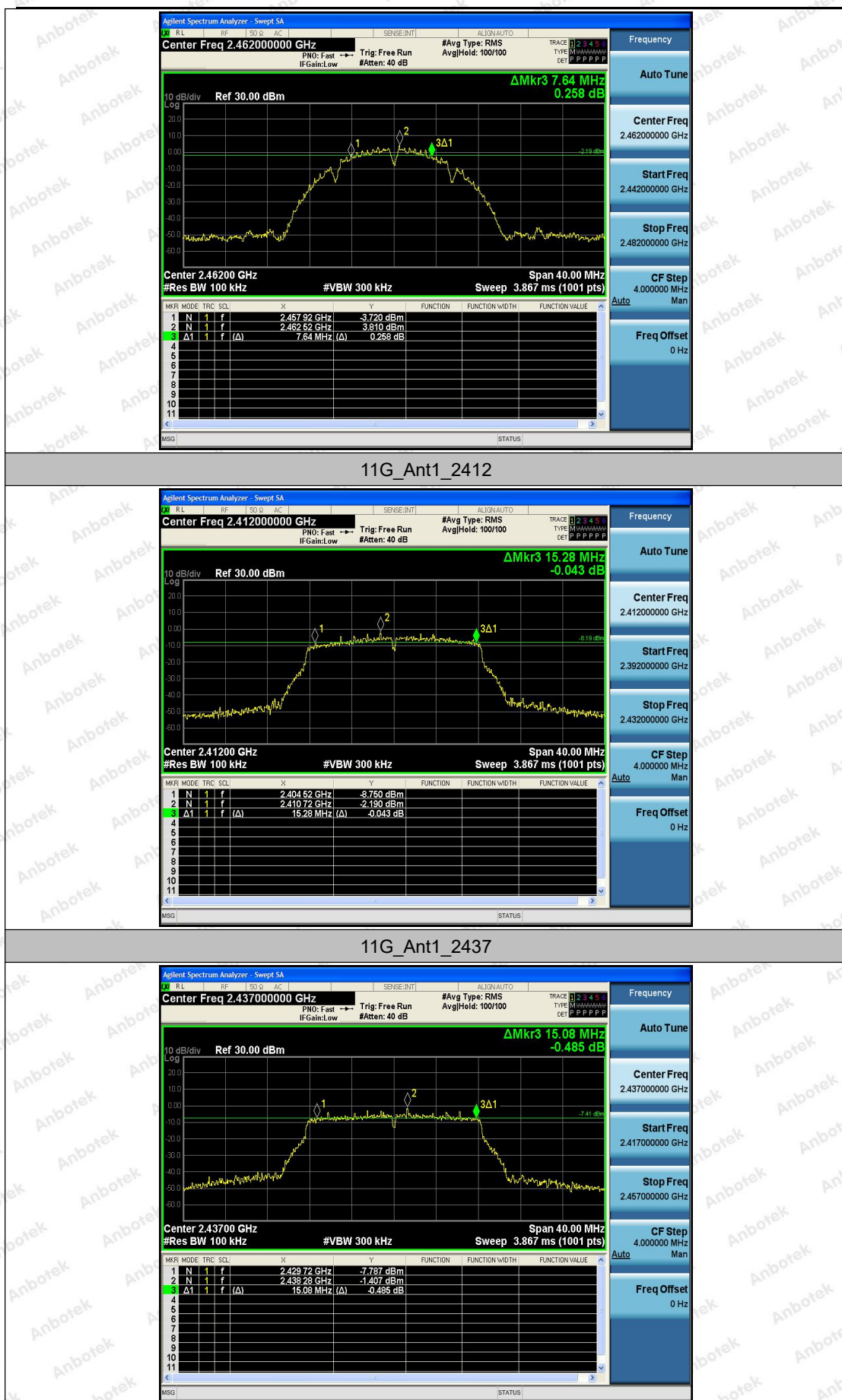


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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

Hotline  
400-003-0500  
www.anbotek.com



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11G\_Ant1\_2462



11N20\_Ant1\_2412



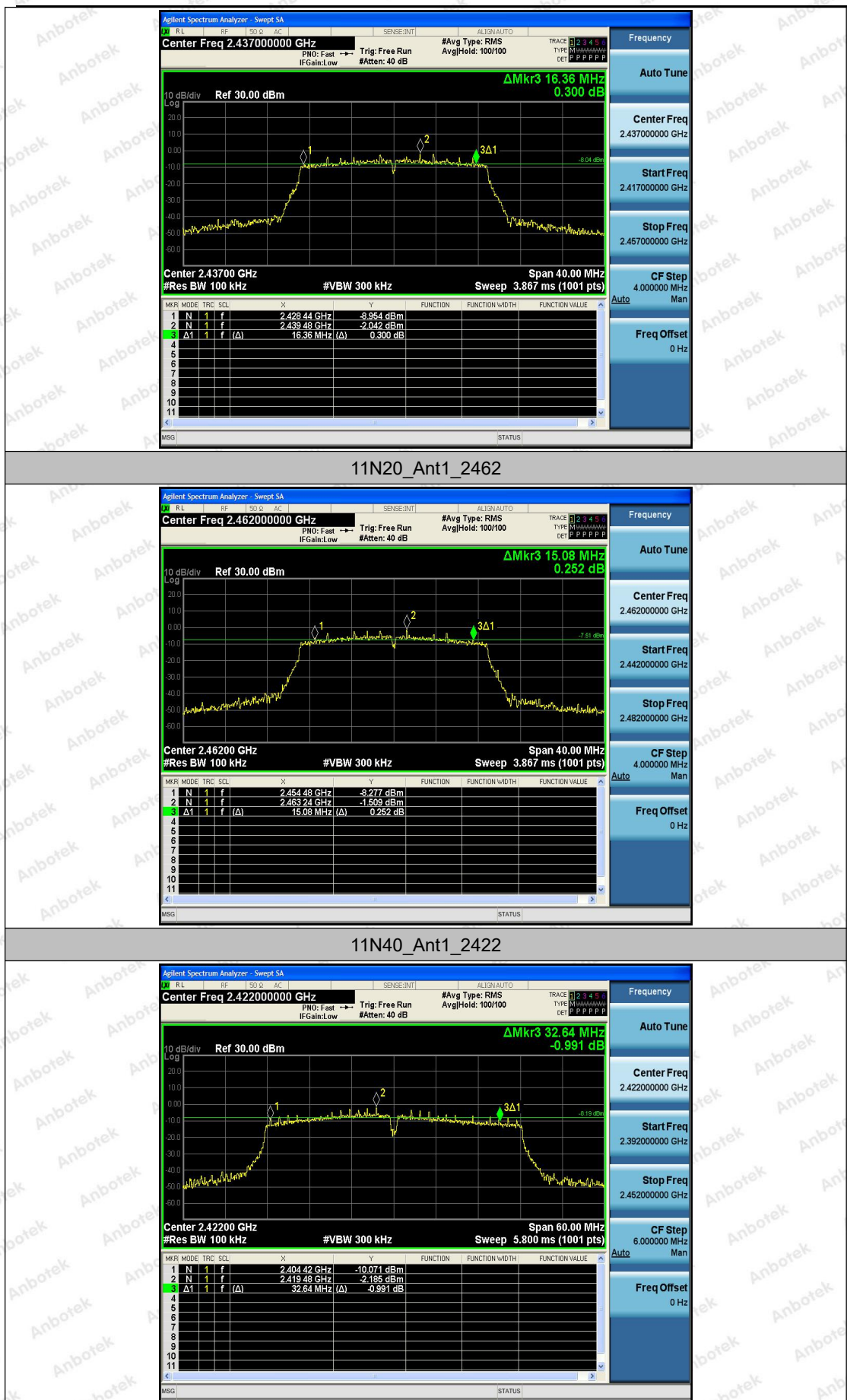
11N20\_Ant1\_2437

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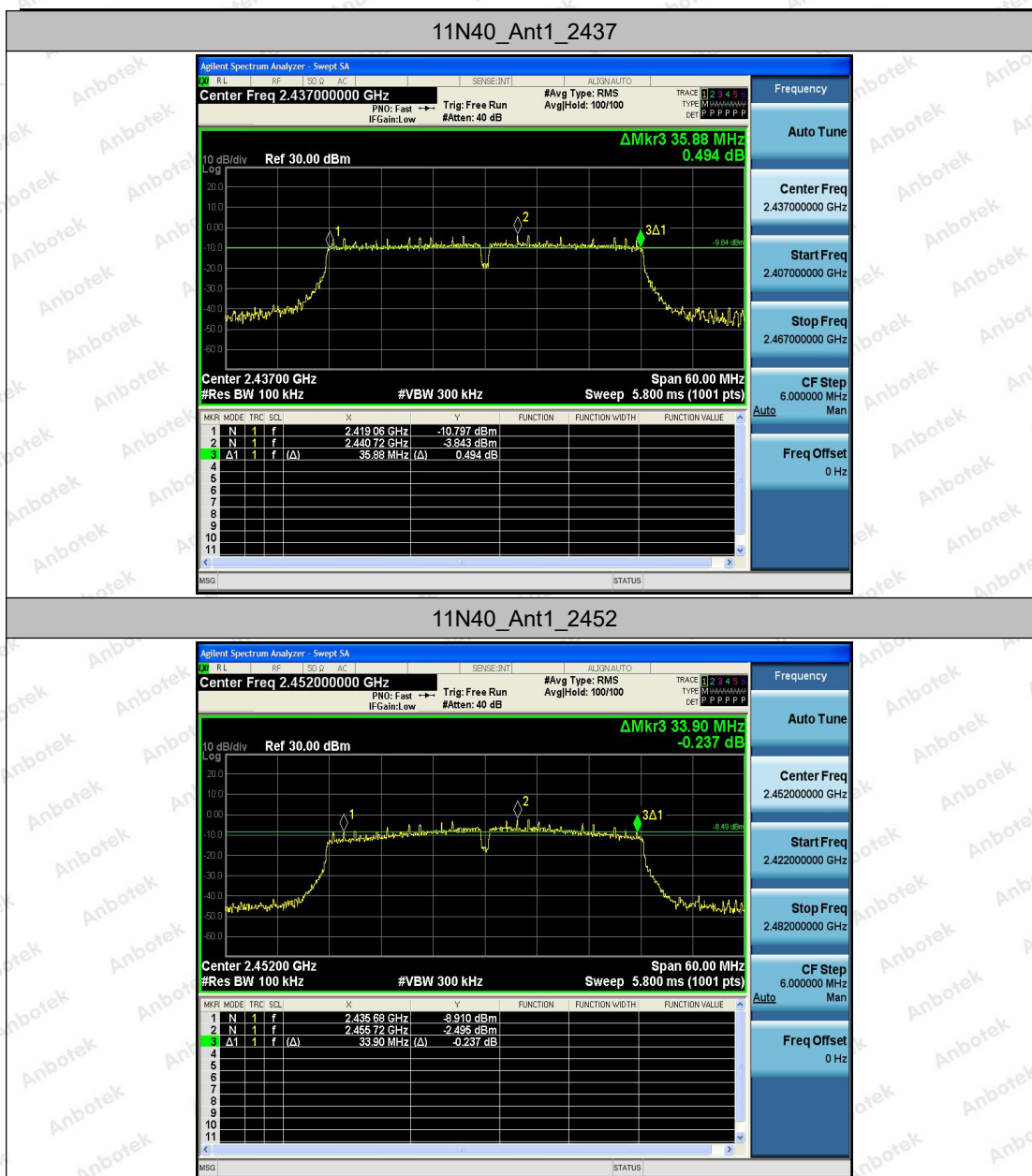


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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

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## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|----------|----------|------------|---------|
| 11B      | Ant1    | 2412    | 12.494    | 2405.908 | 2418.402 | ---        | PASS    |
|          |         | 2437    | 12.922    | 2430.583 | 2443.505 | ---        | PASS    |
|          |         | 2462    | 12.732    | 2455.578 | 2468.310 | ---        | PASS    |
| 11G      | Ant1    | 2412    | 16.579    | 2403.816 | 2420.395 | ---        | PASS    |
|          |         | 2437    | 16.936    | 2428.555 | 2445.491 | ---        | PASS    |
|          |         | 2462    | 16.762    | 2453.557 | 2470.319 | ---        | PASS    |
| 11N20    | Ant1    | 2412    | 17.668    | 2403.253 | 2420.921 | ---        | PASS    |
|          |         | 2437    | 17.879    | 2428.091 | 2445.970 | ---        | PASS    |
|          |         | 2462    | 17.763    | 2453.097 | 2470.860 | ---        | PASS    |
| 11N40    | Ant1    | 2422    | 35.864    | 2404.077 | 2439.941 | ---        | PASS    |
|          |         | 2437    | 36.361    | 2418.834 | 2455.195 | ---        | PASS    |
|          |         | 2452    | 35.822    | 2434.181 | 2470.003 | ---        | PASS    |

## Test Graphs



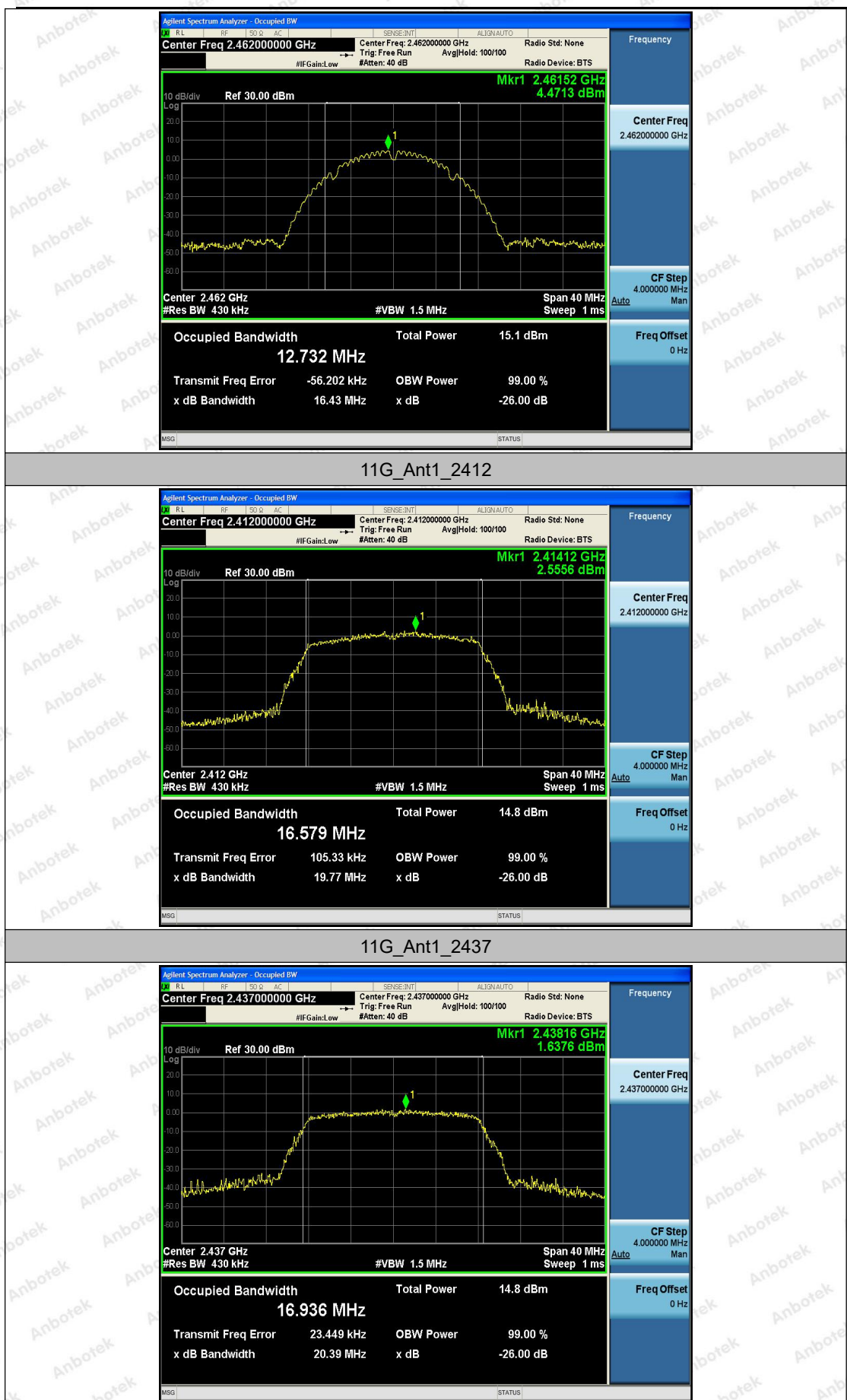
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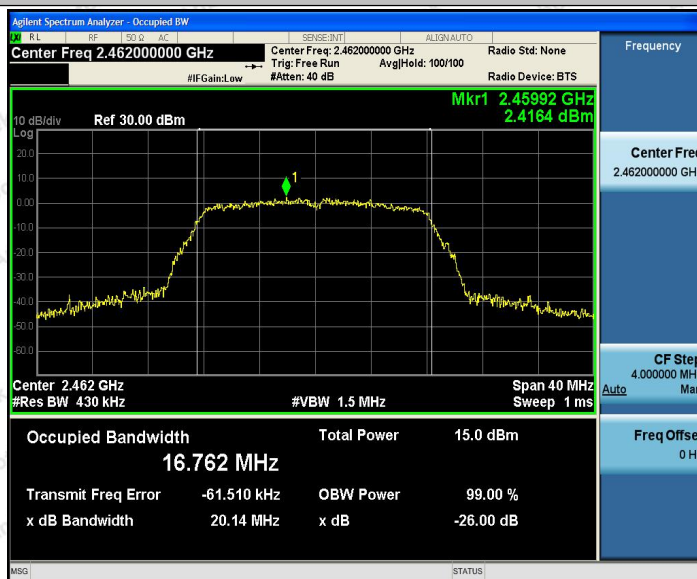
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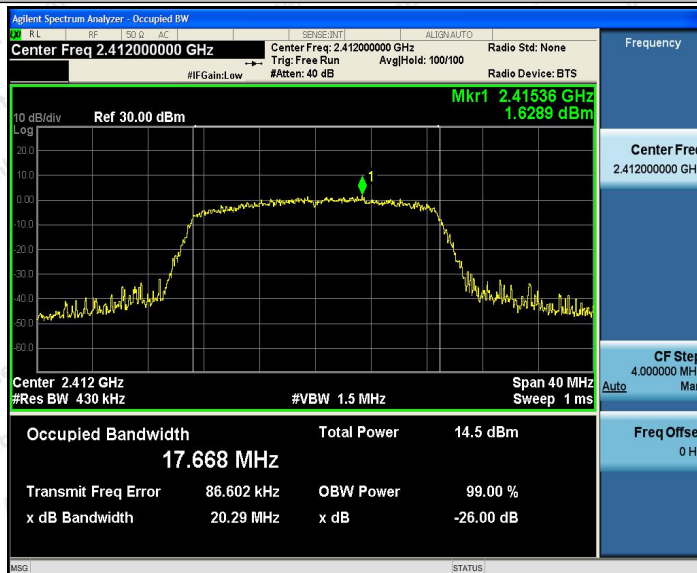
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## 11G\_Ant1\_2462



## 11N20\_Ant1\_2412



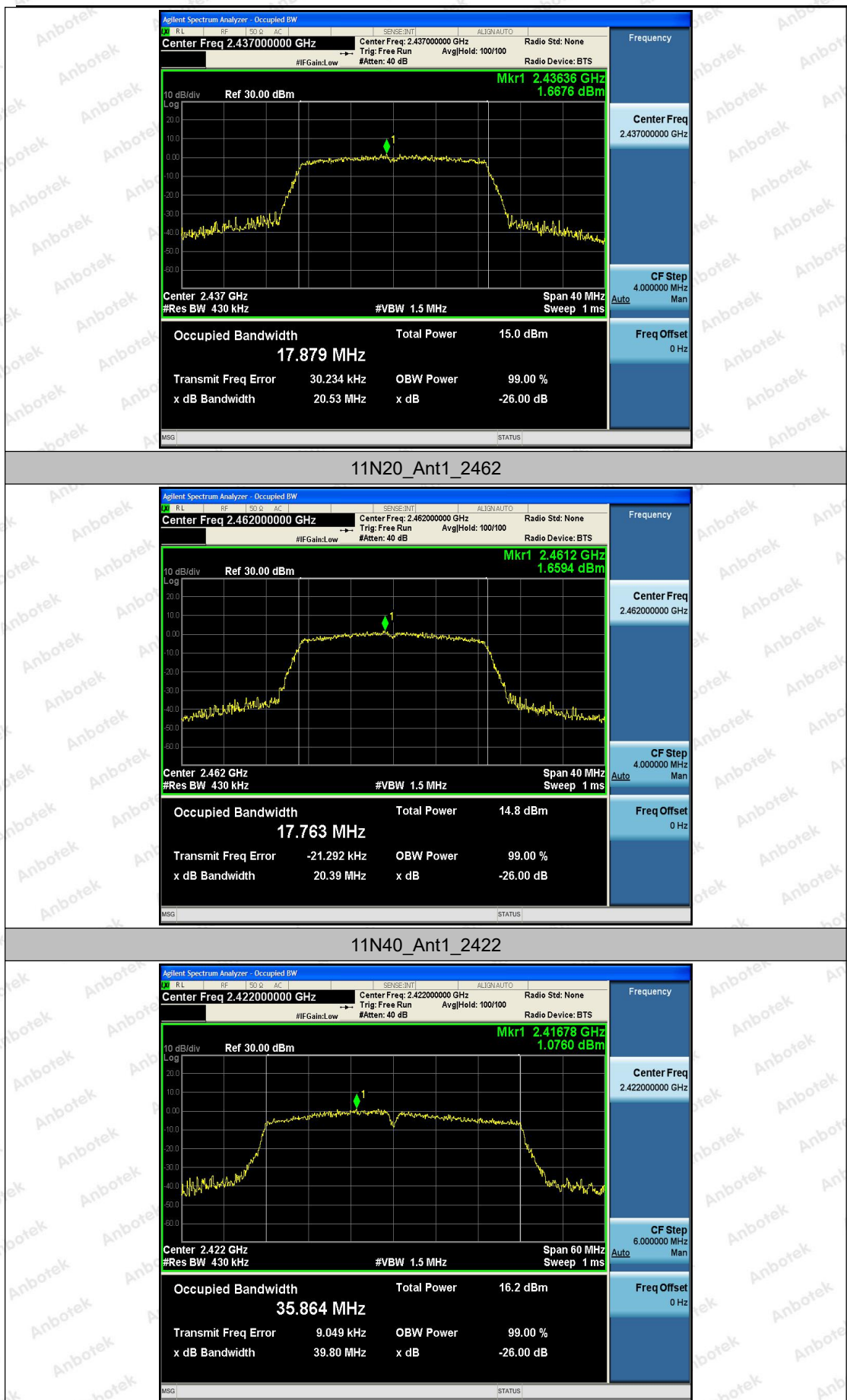
## 11N20\_Ant1\_2437

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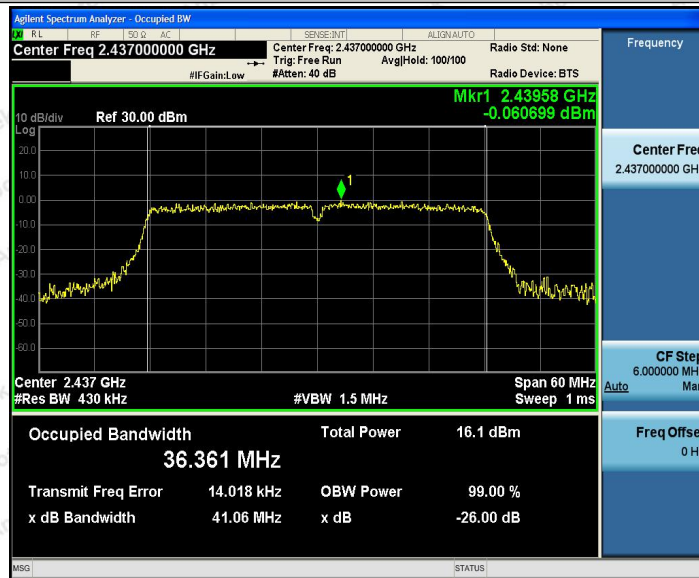
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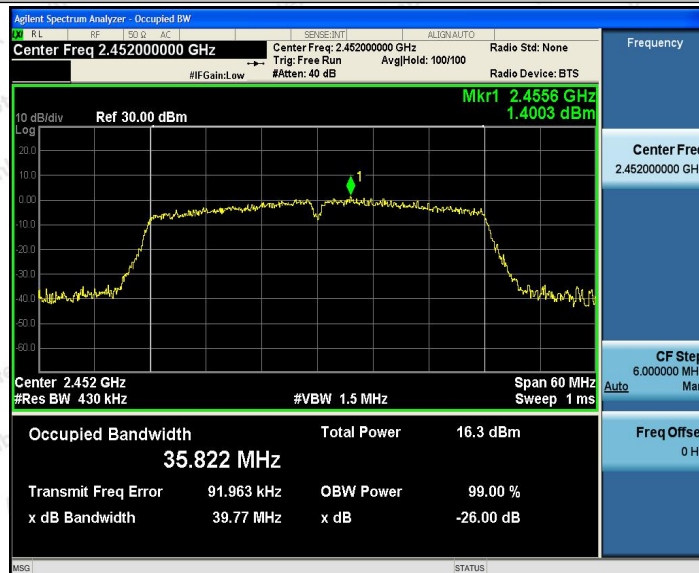
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11N40\_Ant1\_2437



11N40\_Ant1\_2452



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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



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## Appendix C: Maximum conducted output power

### Test Result

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| 11B      | Ant1    | 2412    | 14.70       | ≤30        | PASS    |
|          |         | 2437    | 15.00       | ≤30        | PASS    |
|          |         | 2462    | 15.12       | ≤30        | PASS    |
| 11G      | Ant1    | 2412    | 15.75       | ≤30        | PASS    |
|          |         | 2437    | 16.06       | ≤30        | PASS    |
|          |         | 2462    | 16.08       | ≤30        | PASS    |
| 11N20    | Ant1    | 2412    | 15.67       | ≤30        | PASS    |
|          |         | 2437    | 16.09       | ≤30        | PASS    |
|          |         | 2462    | 15.99       | ≤30        | PASS    |
| 11N40    | Ant1    | 2422    | 15.68       | ≤30        | PASS    |
|          |         | 2437    | 14.67       | ≤30        | PASS    |
|          |         | 2452    | 15.82       | ≤30        | PASS    |

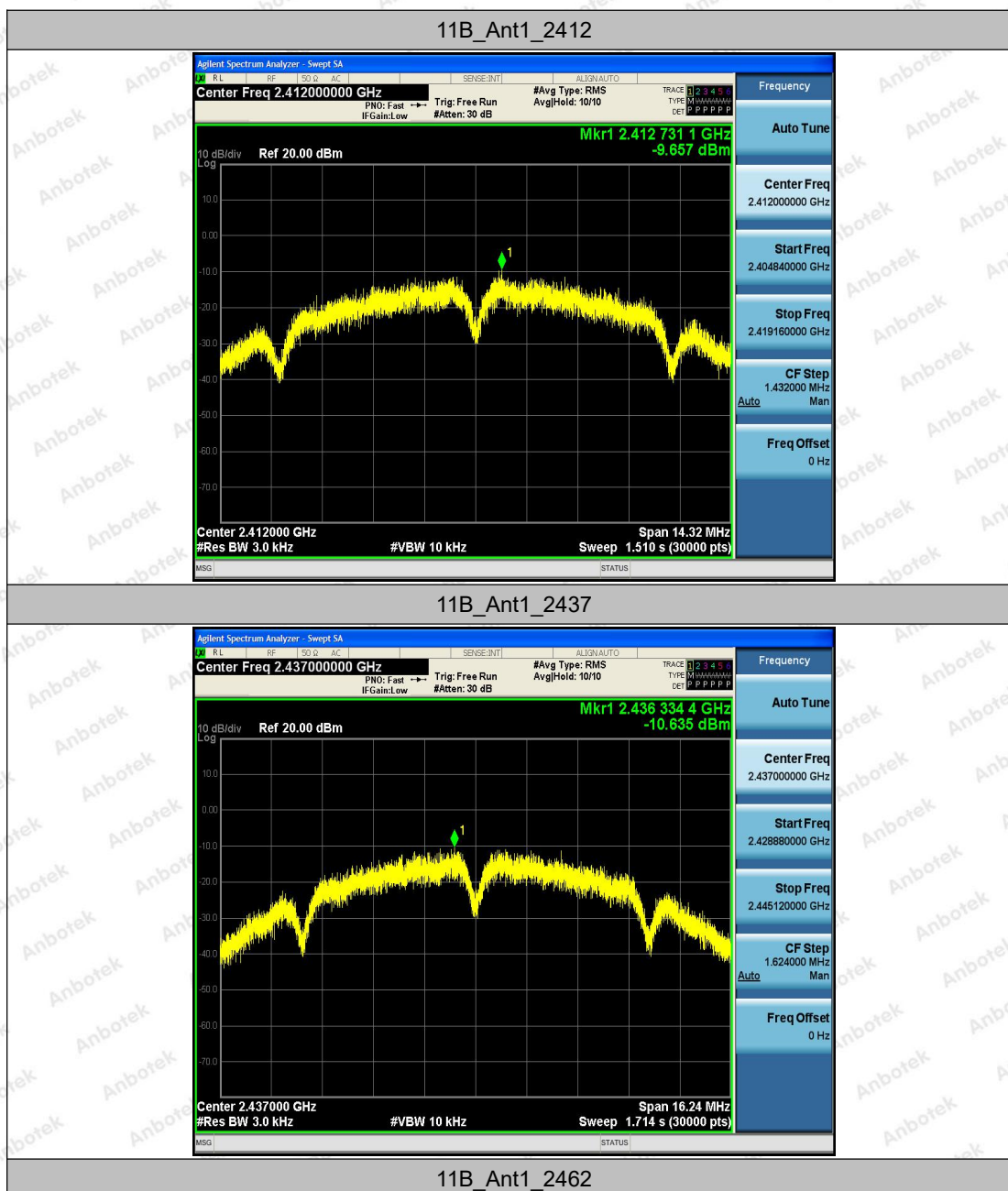
## Appendix D: Maximum power spectral density

### Test Result

| TestMode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|---------|------------------|-----------------|---------|
| 11B      | Ant1    | 2412    | -9.66            | ≤8              | PASS    |
|          |         | 2437    | -10.64           | ≤8              | PASS    |
|          |         | 2462    | -8.96            | ≤8              | PASS    |
| 11G      | Ant1    | 2412    | -15.46           | ≤8              | PASS    |
|          |         | 2437    | -15.75           | ≤8              | PASS    |
|          |         | 2462    | -14.8            | ≤8              | PASS    |
| 11N20    | Ant1    | 2412    | -15.52           | ≤8              | PASS    |
|          |         | 2437    | -16.11           | ≤8              | PASS    |
|          |         | 2462    | -15.22           | ≤8              | PASS    |
| 11N40    | Ant1    | 2422    | -17.02           | ≤8              | PASS    |
|          |         | 2437    | -17.13           | ≤8              | PASS    |
|          |         | 2452    | -16.74           | ≤8              | PASS    |



## Test Graphs



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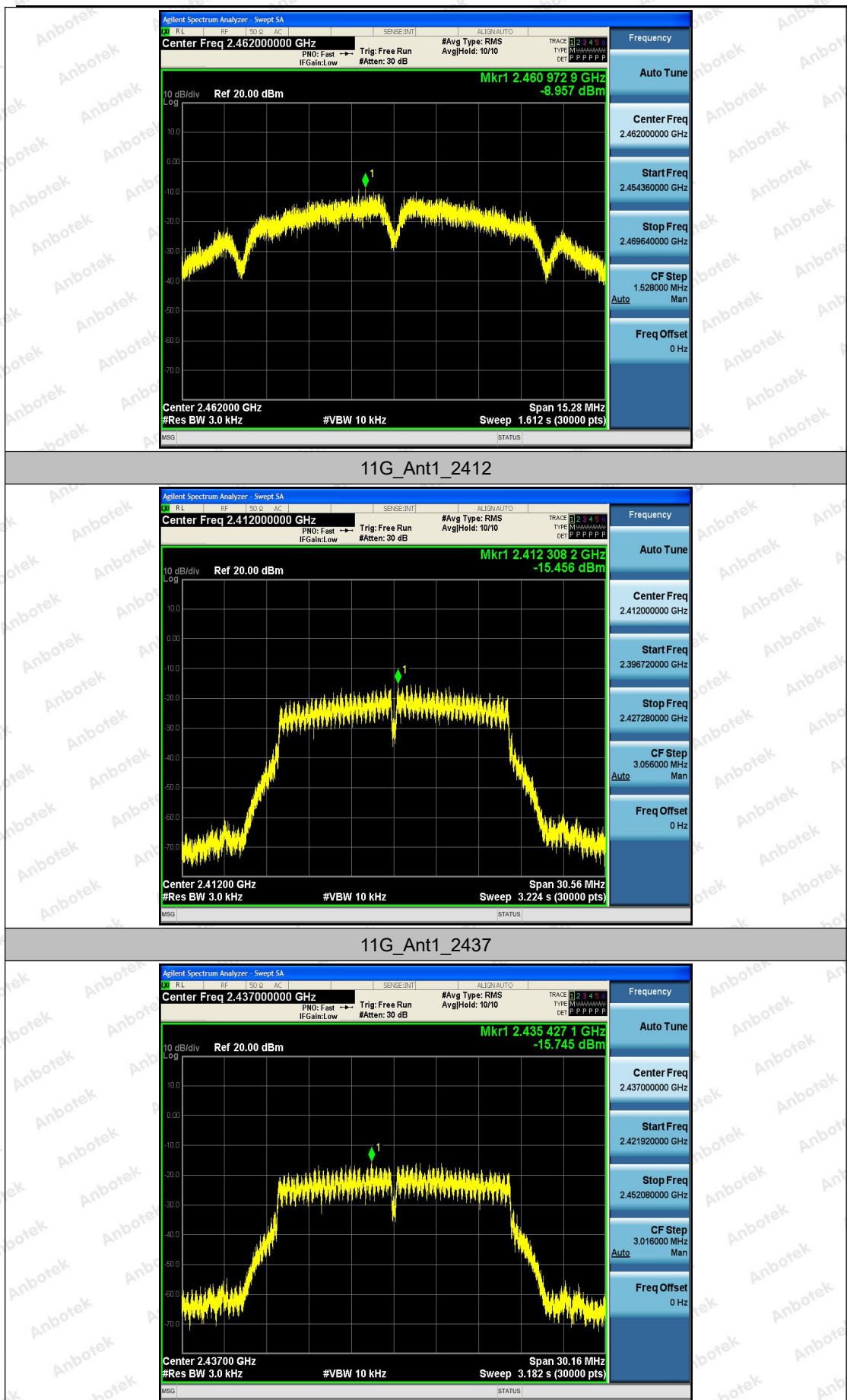
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: [service@anbotek.com](mailto:service@anbotek.com)



Hotline

400-003-0500

www.anbotek.com



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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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