

## Appendix Test Data

|                  |                 |                    |                   |
|------------------|-----------------|--------------------|-------------------|
| Report No.:      | 18220WC20261901 | Test Sample No.:   | 1-2-2             |
| Start Test Date: | 2022.11.18      | Finish Test Date:  | 2022.11.22        |
| Test Engineer:   | <i>Jony He</i>  | Auditor:           | <i>Edward Pan</i> |
| Temperature:     | 26.3°C          | Relative Humidity: | 47 %              |
| Pressure:        | 1012 hPa        |                    |                   |

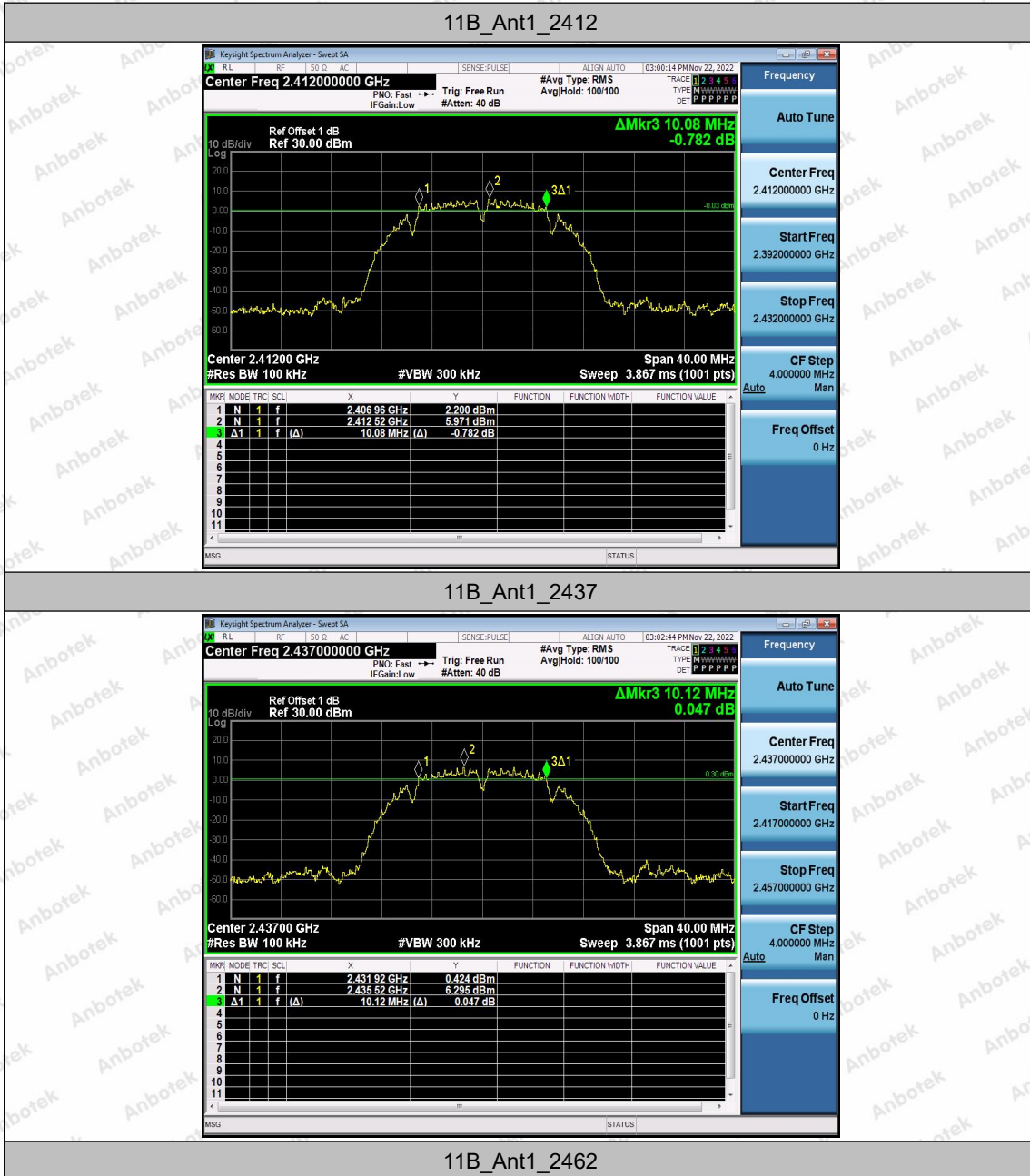
## Appendix A: DTS Bandwidth

### Test Result

| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B      | Ant1    | 2412           | 10.080       | 2406.960 | 2417.040 | ≥0.5       | PASS    |
|          |         | 2437           | 10.120       | 2431.920 | 2442.040 | ≥0.5       | PASS    |
|          |         | 2462           | 10.120       | 2456.920 | 2467.040 | ≥0.5       | PASS    |



## Test Graphs

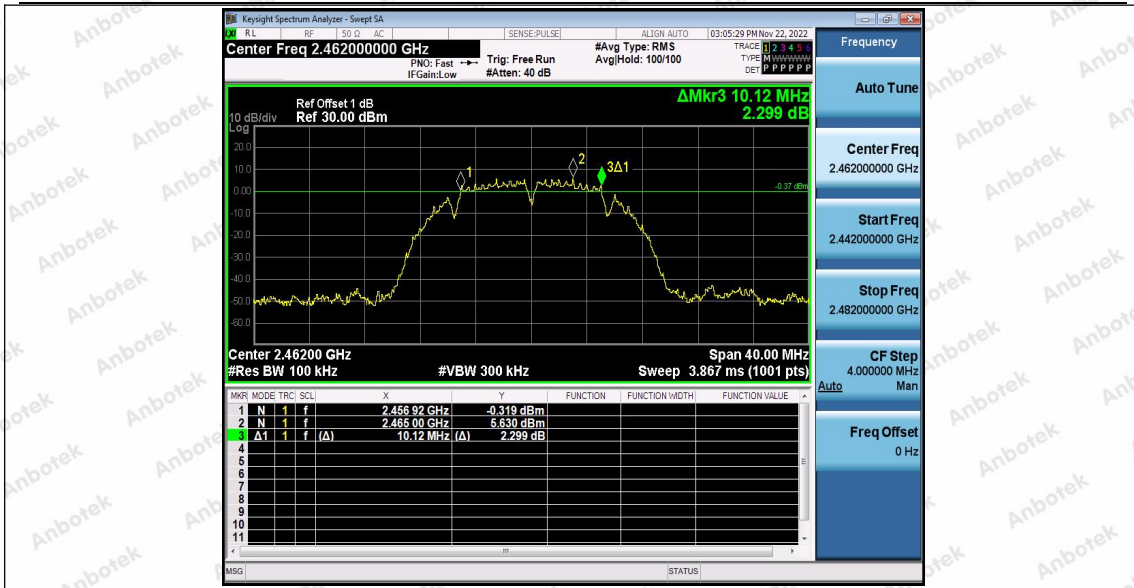


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## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode | Antenna | Channel Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|------------------------|-----------|-----------|-----------|------------|---------|
| 11B      | Ant1    | 2412                   | 13.464    | 2405.2766 | 2418.7406 | ---        | ---     |
|          |         | 2437                   | 13.491    | 2430.2747 | 2443.7657 | ---        | ---     |
|          |         | 2462                   | 13.482    | 2455.3028 | 2468.7848 | ---        | ---     |

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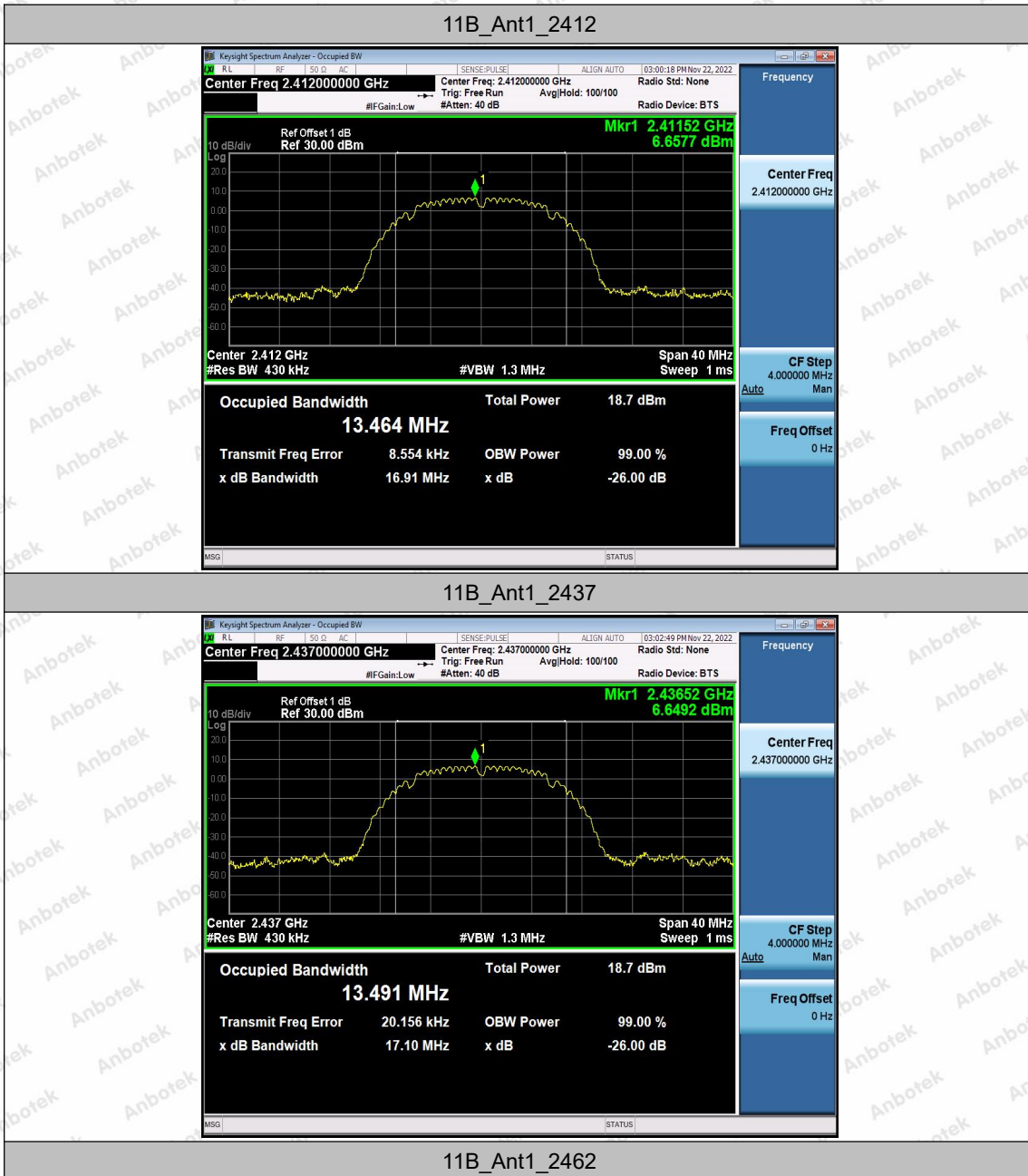
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## Test Graphs



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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           | 18.69           | ≤30.00               |
|          |         | 2437           | 18.70           | ≤30.00               |
|          |         | 2462           | 18.59           | ≤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           | -7.62            | ≤8.00           | PASS    |
|          |         | 2437           | -7.02            | ≤8.00           | PASS    |
|          |         | 2462           | -7.38            | ≤8.00           | PASS    |

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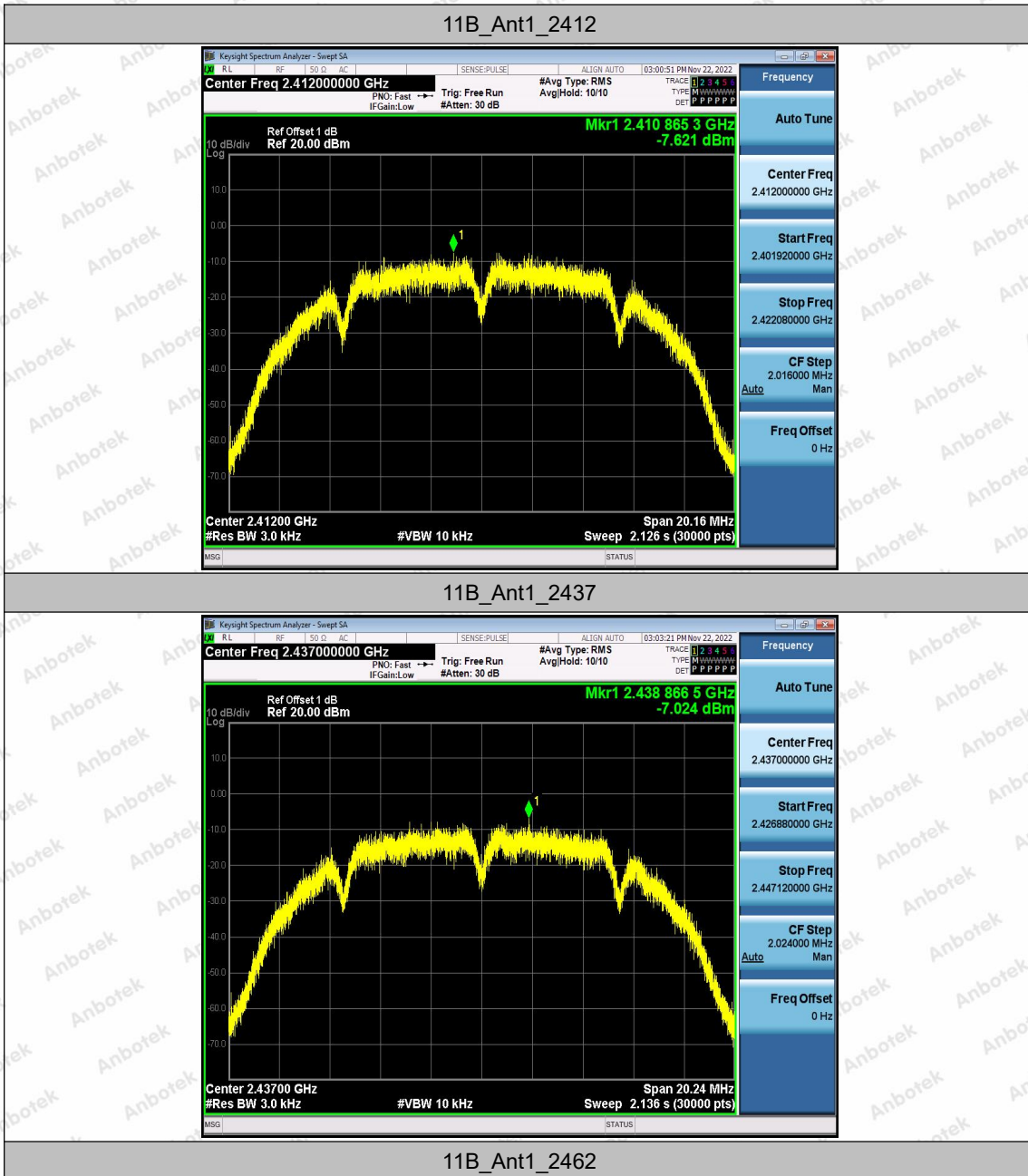


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## Test Graphs



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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            | 6.14           | -44.71       | ≤-13.86     | PASS    |
|          |         | High         | 2462            | 5.72           | -48.34       | ≤-14.28     | PASS    |

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## Test Graphs



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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       | 5.43           | 5.43         | ---         | PASS    |
|          |         |                | 30~1000         | 5.43           | -68.82       | ≤-14.57     | PASS    |
|          |         |                | 1000~26500      | 5.43           | -52.96       | ≤-14.57     | PASS    |
|          |         | 2437           | Reference       | 4.45           | 4.45         | ---         | PASS    |
|          |         |                | 30~1000         | 4.45           | -68.44       | ≤-15.55     | PASS    |
|          |         |                | 1000~26500      | 4.45           | -52.77       | ≤-15.55     | PASS    |
|          |         | 2462           | Reference       | 4.86           | 4.86         | ---         | PASS    |
|          |         |                | 30~1000         | 4.86           | -68.51       | ≤-15.14     | PASS    |
|          |         |                | 1000~26500      | 4.86           | -52.94       | ≤-15.14     | PASS    |

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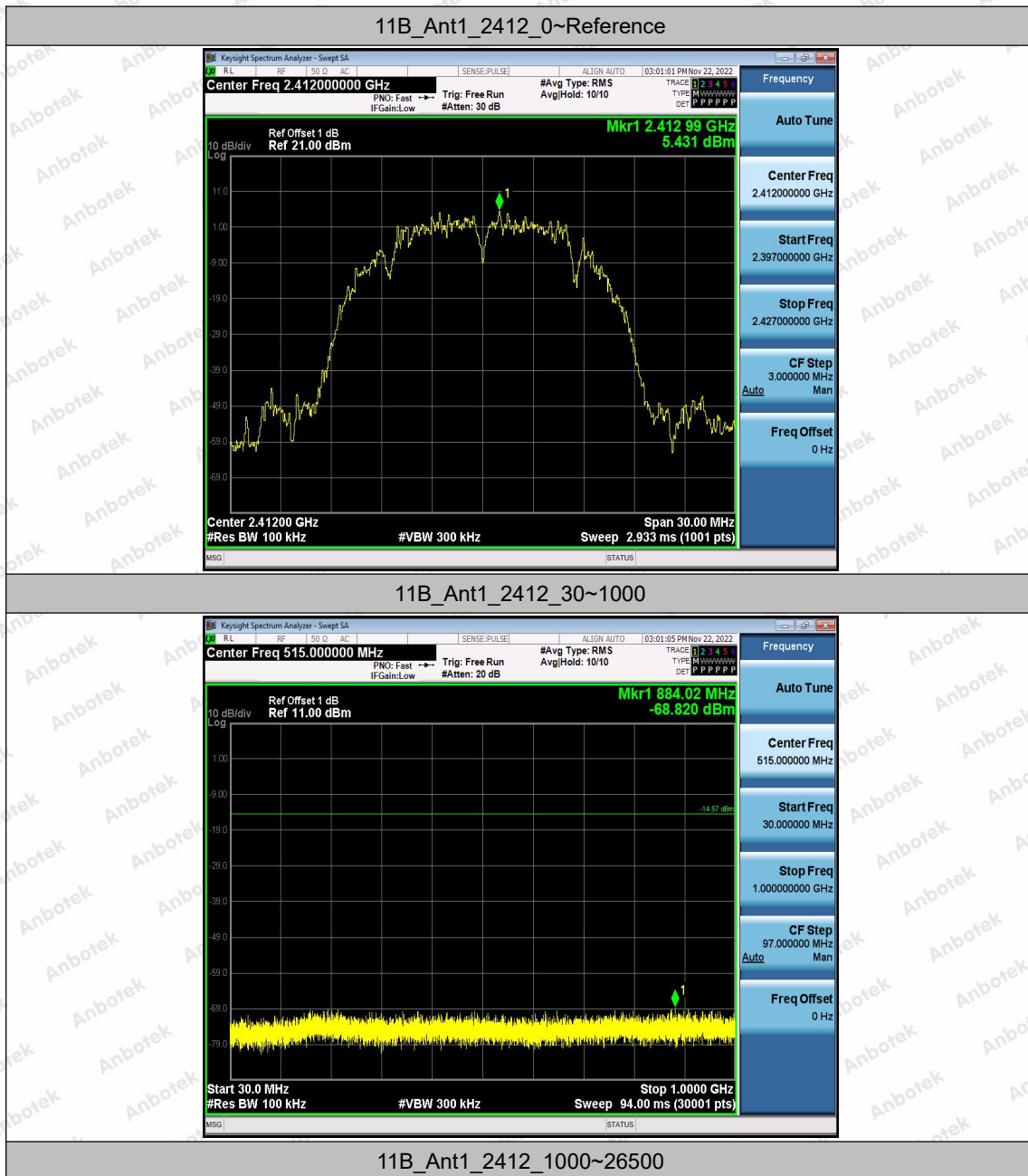
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## Test Graphs



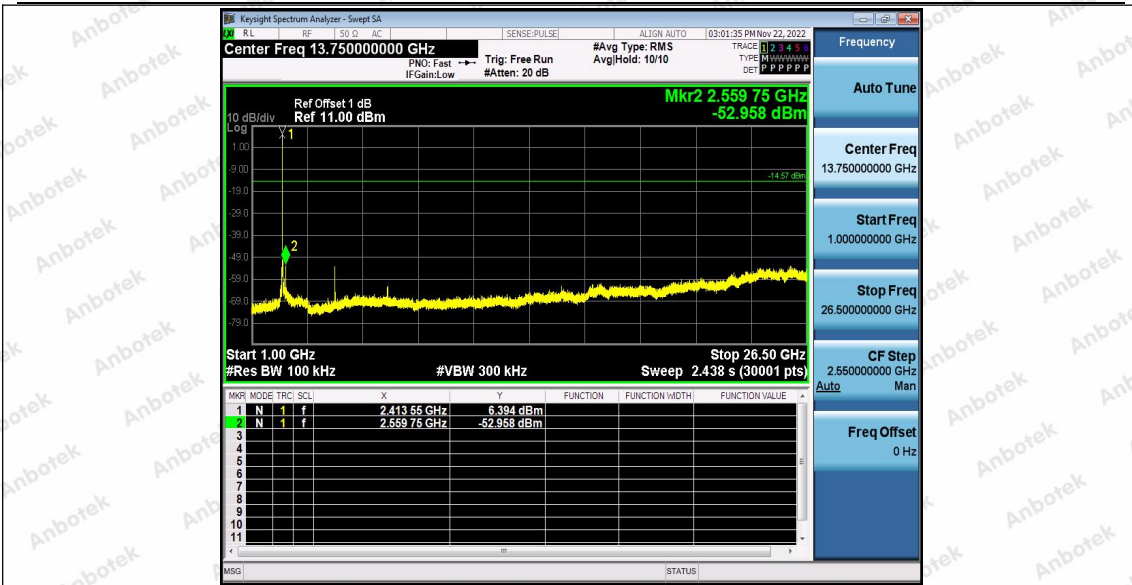
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11B\_Ant1\_2437\_0~Reference



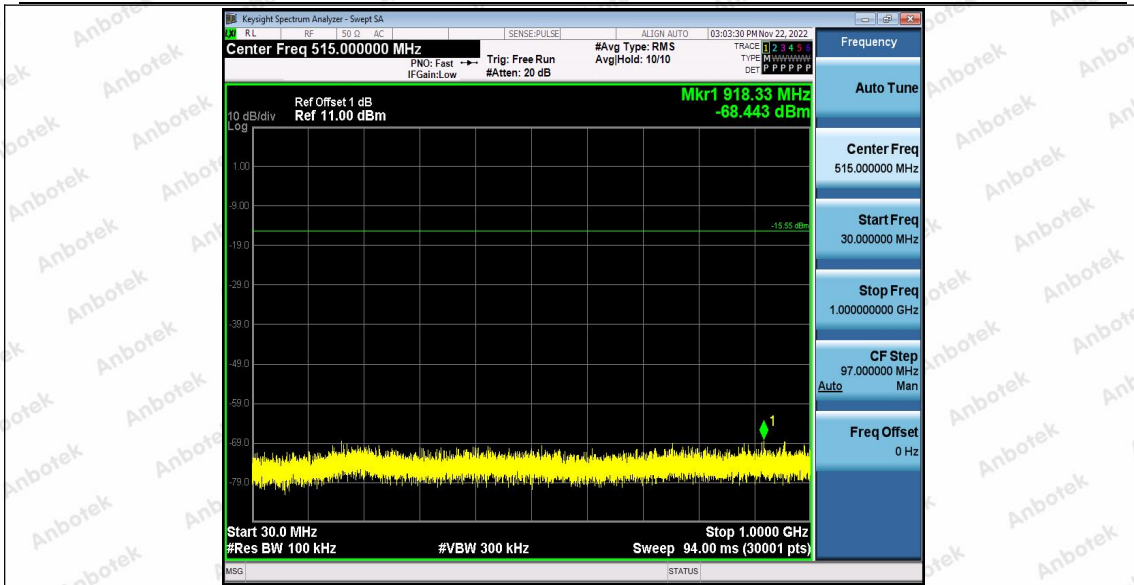
11B\_Ant1\_2437\_30~1000

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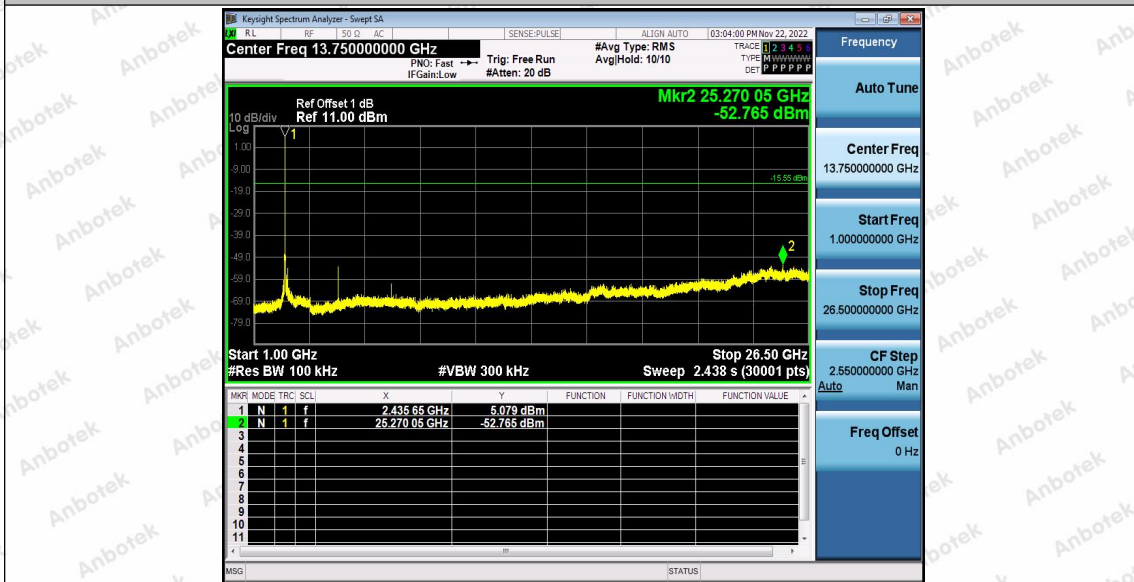
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11B\_Ant1\_2437\_1000~26500



11B\_Ant1\_2462\_0~Reference

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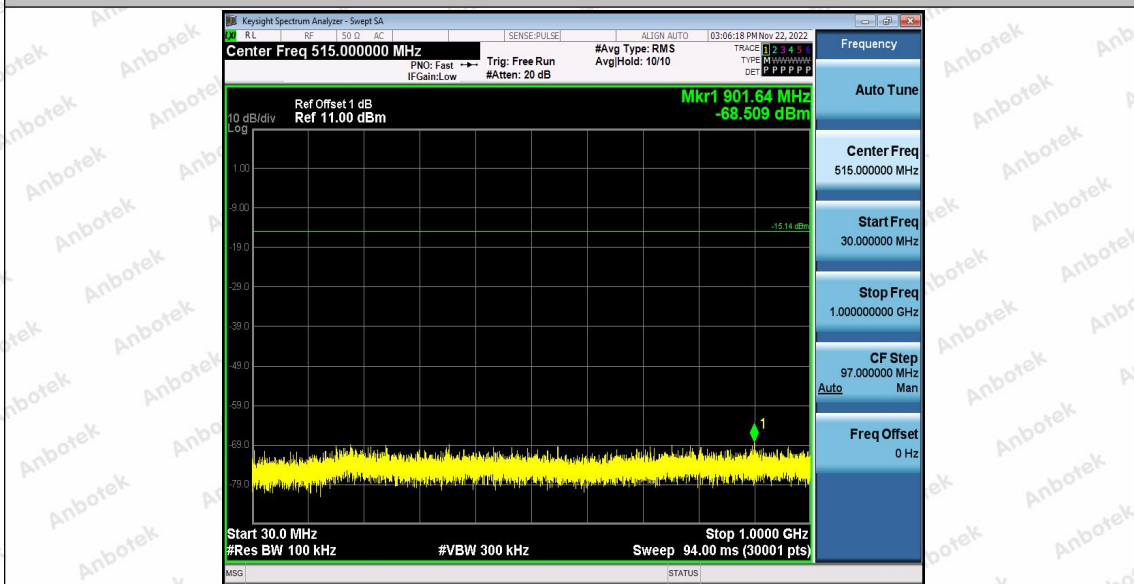
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11B\_Ant1\_2462\_30~1000



11B\_Ant1\_2462\_1000~26500

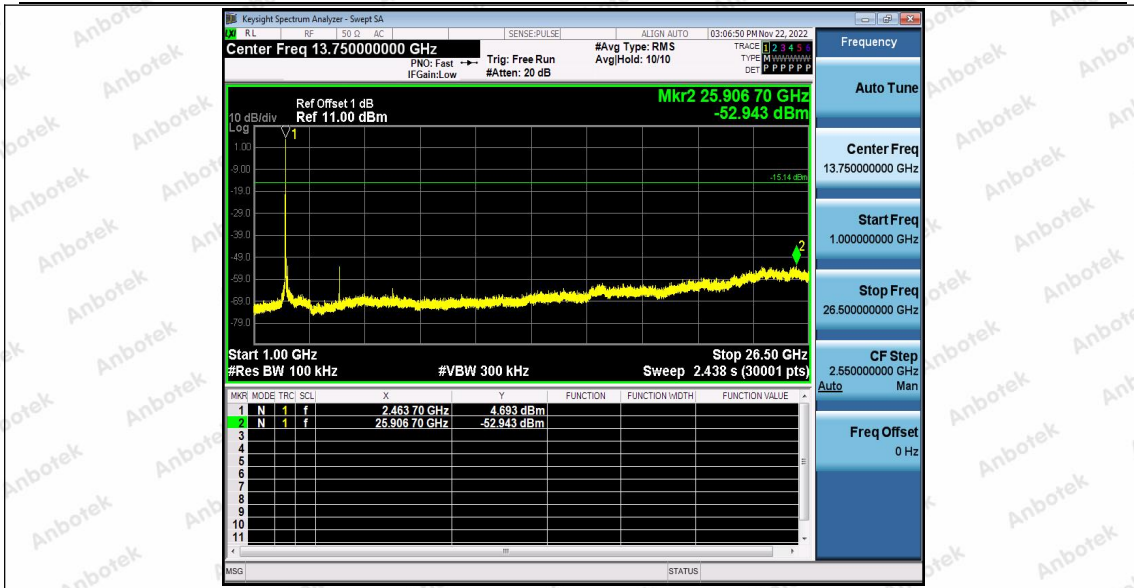
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## Appendix G: Duty Cycle

### Test Result

| TestMode | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Factor |
|----------|---------|----------------|----------------------------|--------------------------|----------------|--------|
| 11B      | Ant1    | 2412           | 12.31                      | 12.70                    | 96.93          | 0.14   |
|          |         | 2437           | 12.32                      | 12.70                    | 97.01          | 0.13   |
|          |         | 2462           | 12.32                      | 12.70                    | 97.01          | 0.13   |

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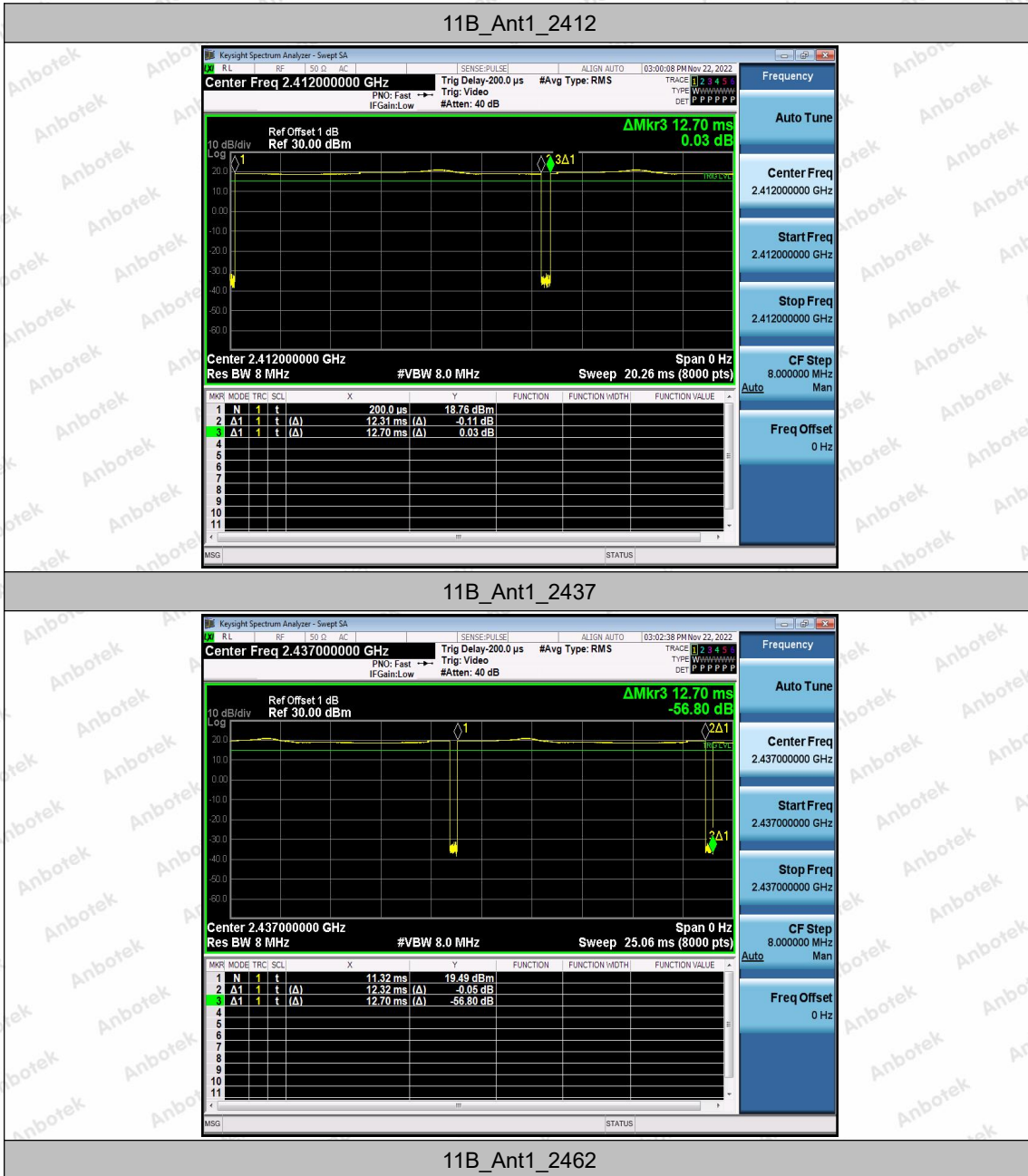
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## Test Graphs



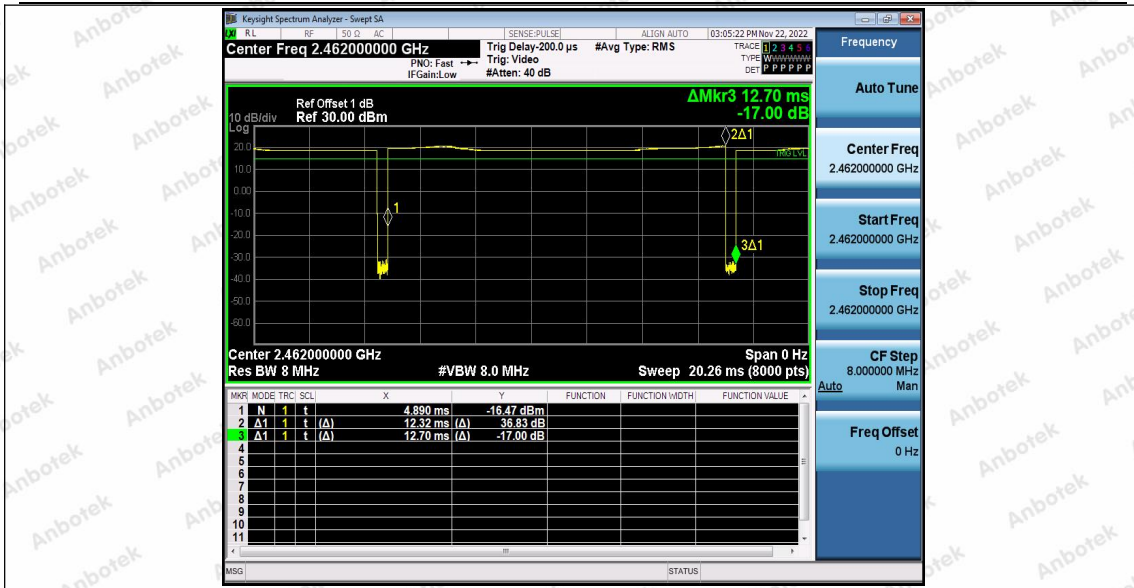
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