

## Appendix C: Maximum conducted output power

### Test Result

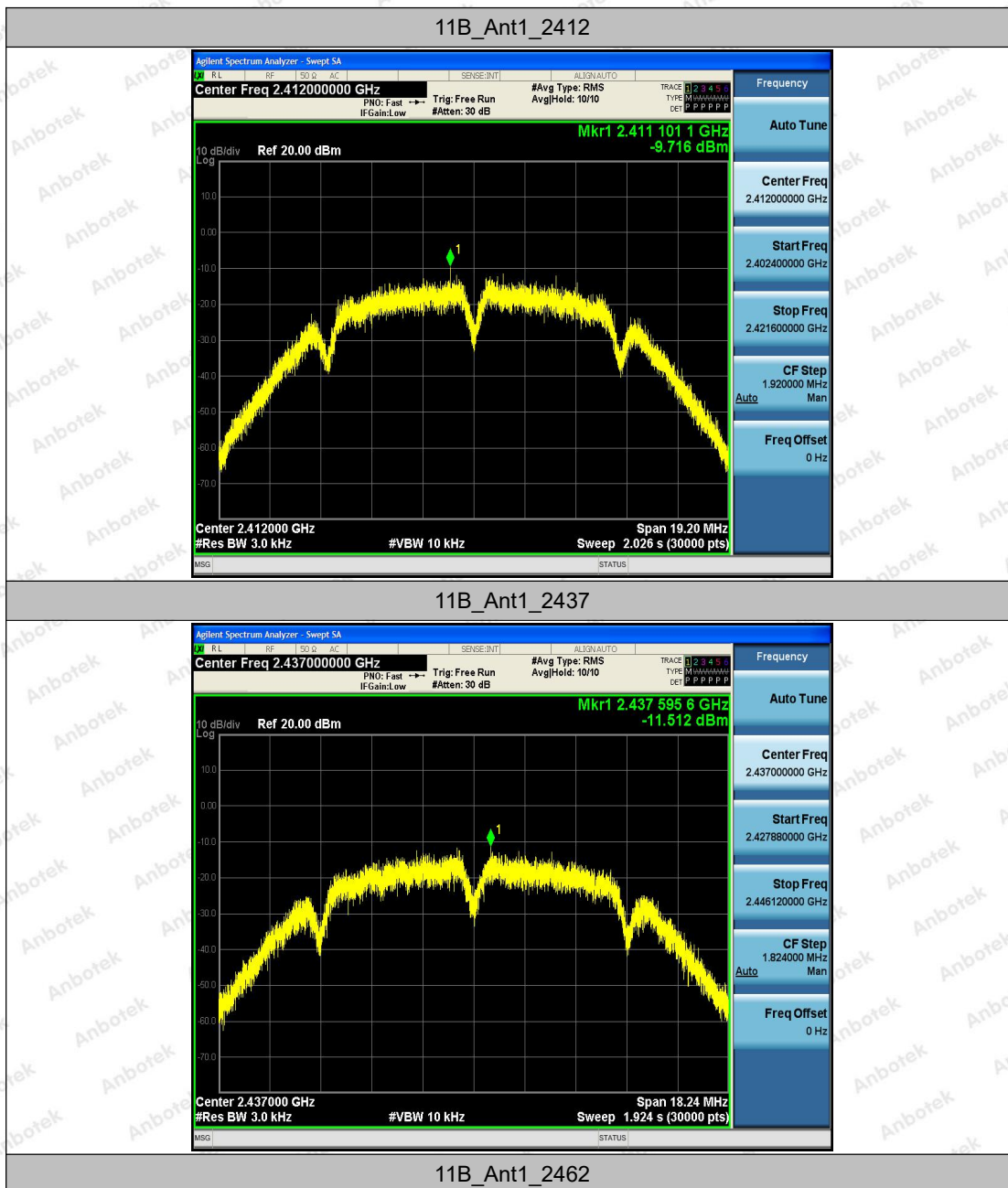
| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| 11B      | Ant1    | 2412    | 13.97       | ≤30        | PASS    |
|          |         | 2437    | 14.04       | ≤30        | PASS    |
|          |         | 2462    | 14.33       | ≤30        | PASS    |
| 11G      | Ant1    | 2412    | 15.29       | ≤30        | PASS    |
|          |         | 2437    | 15.18       | ≤30        | PASS    |
|          |         | 2462    | 15.33       | ≤30        | PASS    |
| 11N20    | Ant1    | 2412    | 15.47       | ≤30        | PASS    |
|          |         | 2437    | 15.18       | ≤30        | PASS    |
|          |         | 2462    | 15.66       | ≤30        | PASS    |
| 11N40    | Ant1    | 2422    | 13.05       | ≤30        | PASS    |
|          |         | 2437    | 13.05       | ≤30        | PASS    |
|          |         | 2452    | 13.26       | ≤30        | PASS    |

## Appendix D: Maximum power spectral density

### Test Result

| TestMode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|---------|------------------|-----------------|---------|
| 11B      | Ant1    | 2412    | -9.72            | ≤8              | PASS    |
|          |         | 2437    | -11.51           | ≤8              | PASS    |
|          |         | 2462    | -11.42           | ≤8              | PASS    |
| 11G      | Ant1    | 2412    | -16.52           | ≤8              | PASS    |
|          |         | 2437    | -17.66           | ≤8              | PASS    |
|          |         | 2462    | -16.42           | ≤8              | PASS    |
| 11N20    | Ant1    | 2412    | -16.55           | ≤8              | PASS    |
|          |         | 2437    | -17.32           | ≤8              | PASS    |
|          |         | 2462    | -16.3            | ≤8              | PASS    |
| 11N40    | Ant1    | 2422    | -18.33           | ≤8              | PASS    |
|          |         | 2437    | -18.94           | ≤8              | PASS    |
|          |         | 2452    | -19.26           | ≤8              | PASS    |

## Test Graphs



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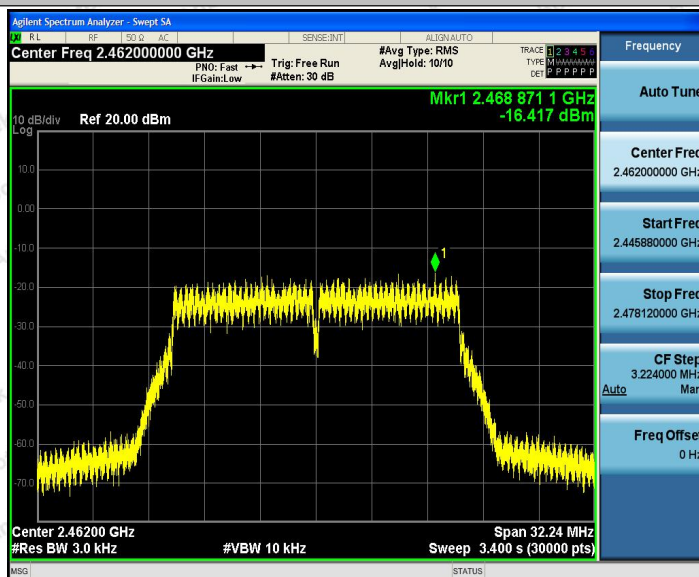
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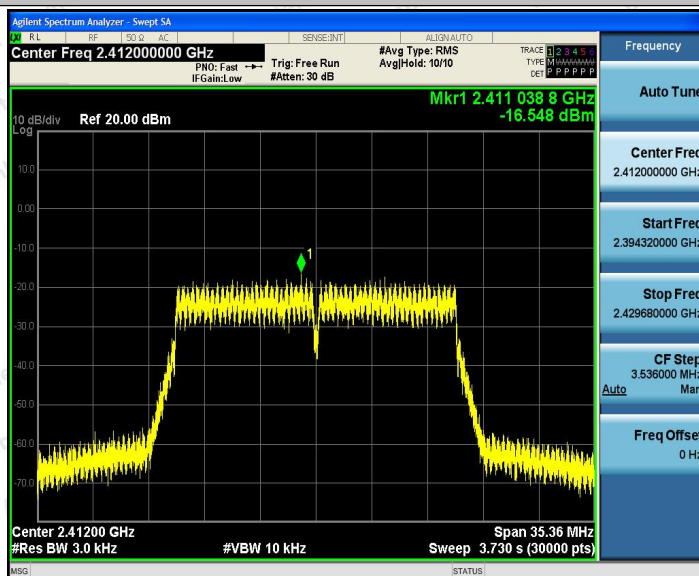
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11G\_Ant1\_2462



11N20\_Ant1\_2412



11N20\_Ant1\_2437

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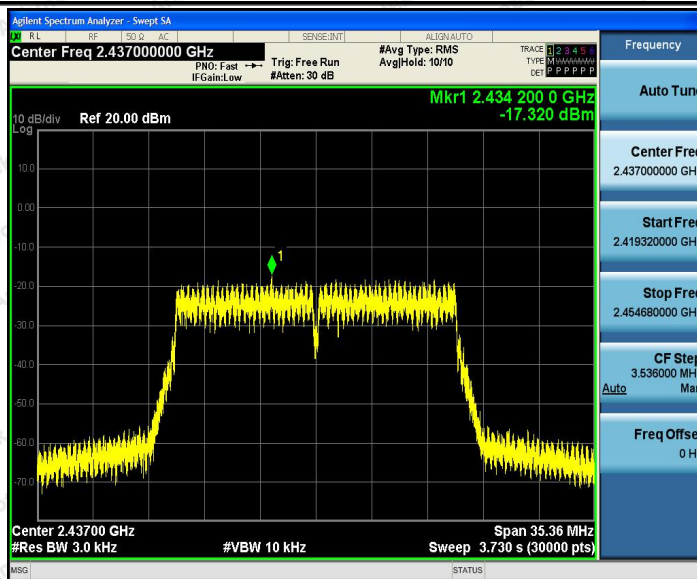
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



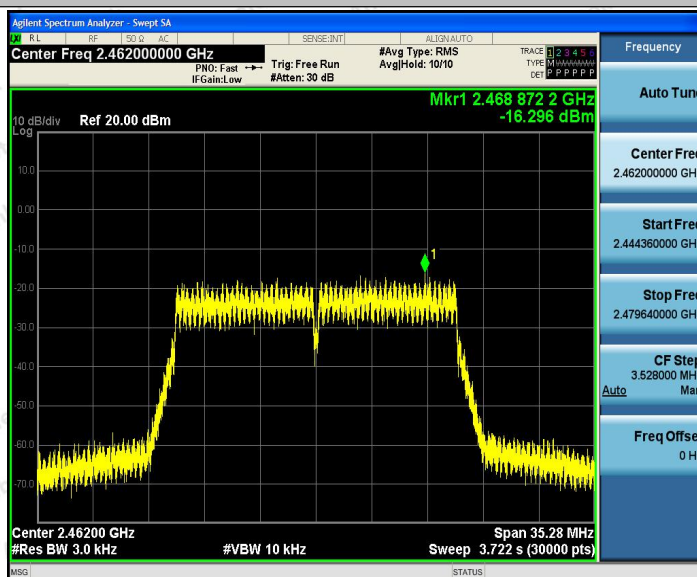
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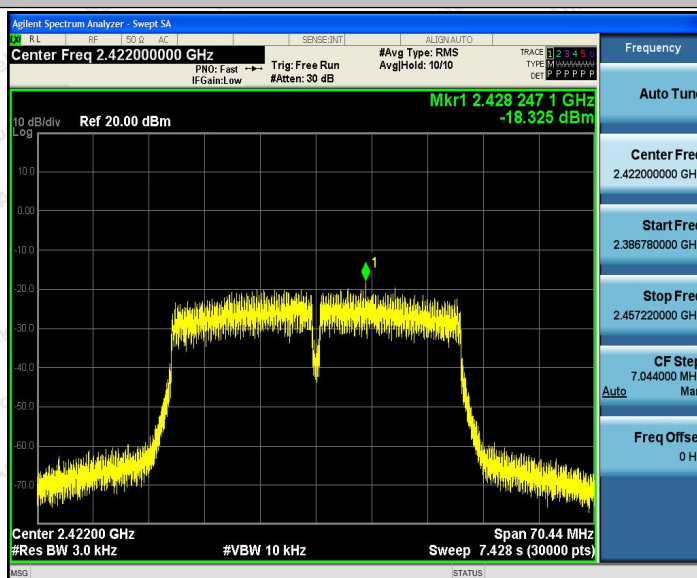
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11N20\_Ant1\_2462



11N40\_Ant1\_2422

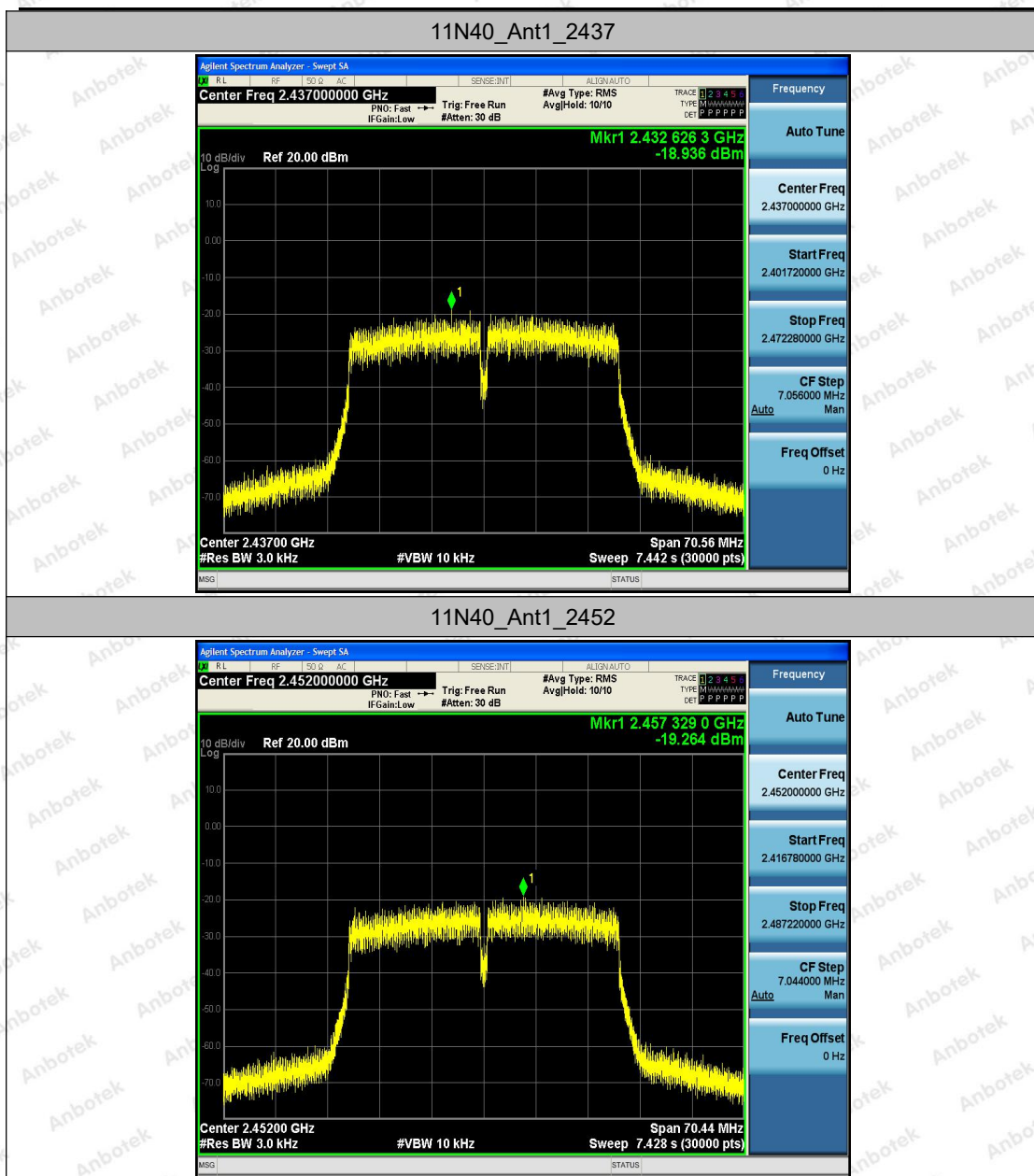


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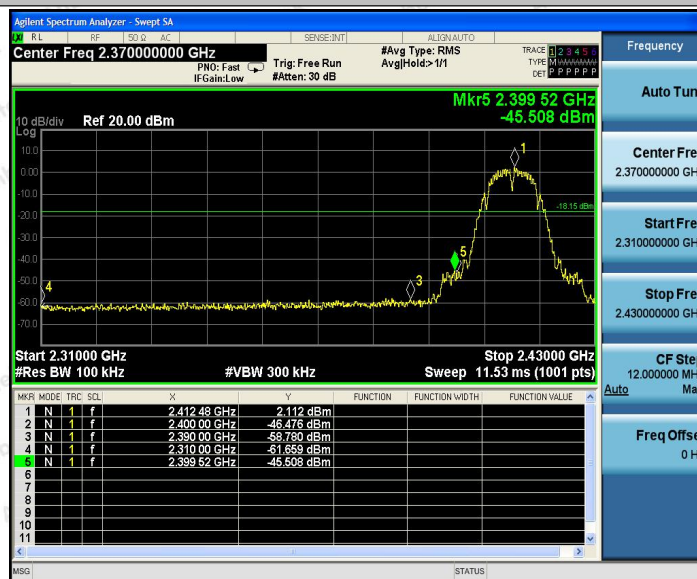
## Appendix E: Band edge measurements

### Test Result

| TestMode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B      | Ant1    | Low    | 2412    | 1.85          | -45.51      | ≤-18.15    | PASS    |
|          |         | High   | 2462    | 2.40          | -57.42      | ≤-17.6     | PASS    |
| 11G      | Ant1    | Low    | 2412    | -3.47         | -41.54      | ≤-23.47    | PASS    |
|          |         | High   | 2462    | -2.92         | -52.68      | ≤-22.92    | PASS    |
| 11N20    | Ant1    | Low    | 2412    | -3.24         | -40.08      | ≤-23.24    | PASS    |
|          |         | High   | 2462    | -2.75         | -50.24      | ≤-22.75    | PASS    |
| 11N40    | Ant1    | Low    | 2422    | -5.36         | -40.35      | ≤-25.36    | PASS    |
|          |         | High   | 2452    | -5.34         | -45.51      | ≤-25.34    | PASS    |

## Test Graphs

11B\_Ant1\_Low\_2412



11B\_Ant1\_High\_2462



11G\_Ant1\_Low\_2412

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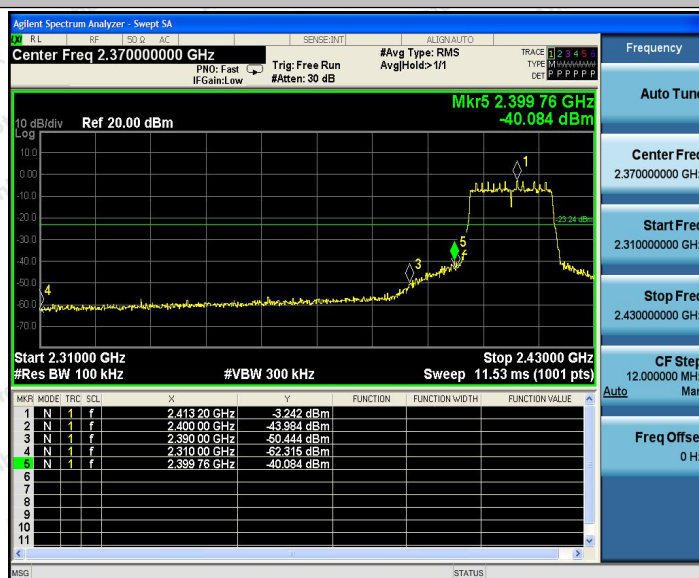
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11G\_Ant1\_High\_2462



11N20\_Ant1\_Low\_2412



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11N20\_Ant1\_High\_2462



11N40\_Ant1\_Low\_2422



11N40\_Ant1\_High\_2452

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