

## Appendix H: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| DH5      | Ant1    | 2402    | Reference          | -0.21             | -0.21           | ---            | PASS    |
|          |         |         | 30~1000            | -0.21             | -70.41          | ≤-20.21        | PASS    |
|          |         |         | 1000~26500         | -0.21             | -55.08          | ≤-20.21        | PASS    |
|          |         | 2441    | Reference          | -0.75             | -0.75           | ---            | PASS    |
|          |         |         | 30~1000            | -0.75             | -70.34          | ≤-20.75        | PASS    |
|          |         |         | 1000~26500         | -0.75             | -54.95          | ≤-20.75        | PASS    |
|          |         | 2480    | Reference          | 0.31              | 0.31            | ---            | PASS    |
|          |         |         | 30~1000            | 0.31              | -70.33          | ≤-19.69        | PASS    |
|          |         |         | 1000~26500         | 0.31              | -55.63          | ≤-19.69        | PASS    |
| 2DH5     | Ant1    | 2402    | Reference          | -1.52             | -1.52           | ---            | PASS    |
|          |         |         | 30~1000            | -1.52             | -70.77          | ≤-21.52        | PASS    |
|          |         |         | 1000~26500         | -1.52             | -55.57          | ≤-21.52        | PASS    |
|          |         | 2441    | Reference          | -2.08             | -2.08           | ---            | PASS    |
|          |         |         | 30~1000            | -2.08             | -70.5           | ≤-22.08        | PASS    |
|          |         |         | 1000~26500         | -2.08             | -55.07          | ≤-22.08        | PASS    |
|          |         | 2480    | Reference          | -1.16             | -1.16           | ---            | PASS    |
|          |         |         | 30~1000            | -1.16             | -69.98          | ≤-21.16        | PASS    |
|          |         |         | 1000~26500         | -1.16             | -55.26          | ≤-21.16        | PASS    |
| 3DH5     | Ant1    | 2402    | Reference          | -1.36             | -1.36           | ---            | PASS    |
|          |         |         | 30~1000            | -1.36             | -70.67          | ≤-21.36        | PASS    |
|          |         |         | 1000~26500         | -1.36             | -55.43          | ≤-21.36        | PASS    |
|          |         | 2441    | Reference          | -1.34             | -1.34           | ---            | PASS    |
|          |         |         | 30~1000            | -1.34             | -70.18          | ≤-21.34        | PASS    |
|          |         |         | 1000~26500         | -1.34             | -55.33          | ≤-21.34        | PASS    |
|          |         | 2480    | Reference          | -1.07             | -1.07           | ---            | PASS    |
|          |         |         | 30~1000            | -1.07             | -70.6           | ≤-21.07        | PASS    |
|          |         |         | 1000~26500         | -1.07             | -55.69          | ≤-21.07        | PASS    |

## Test Graphs

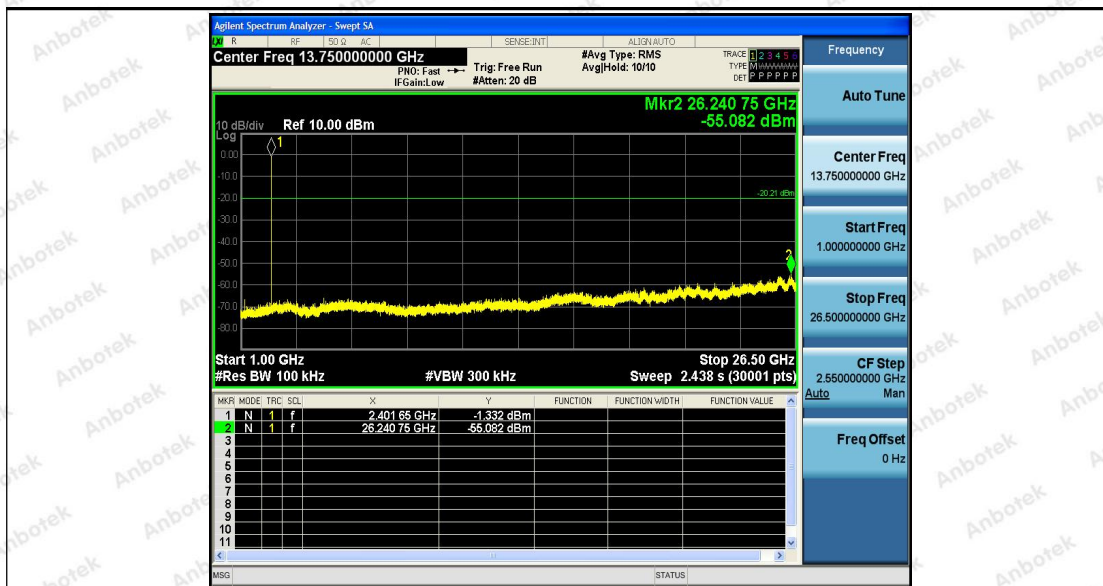


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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotech.com

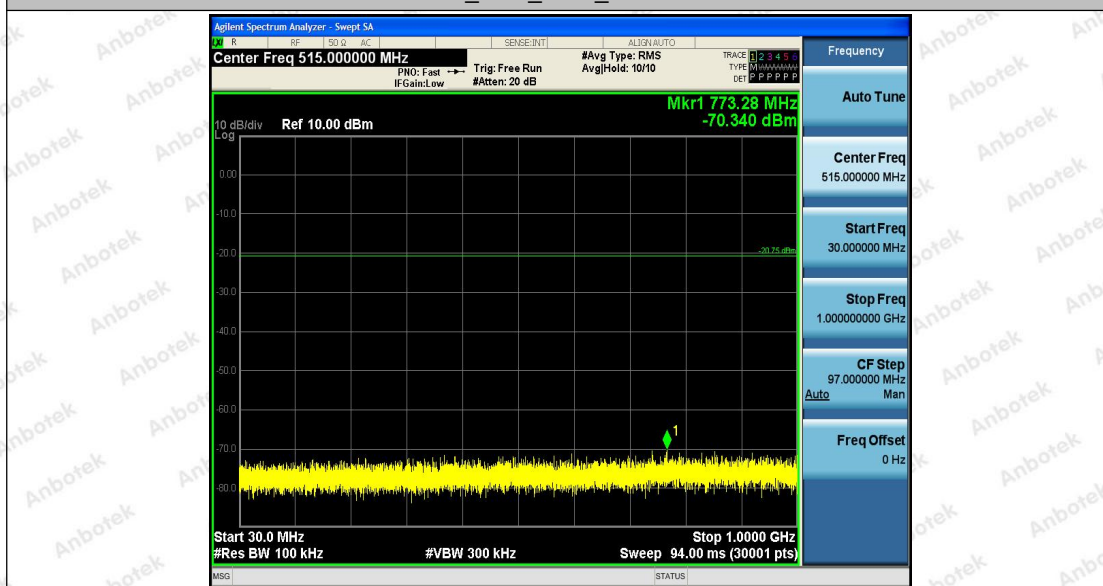
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DH5\_Ant1\_2441\_0~Reference



DH5\_Ant1\_2441\_30~1000

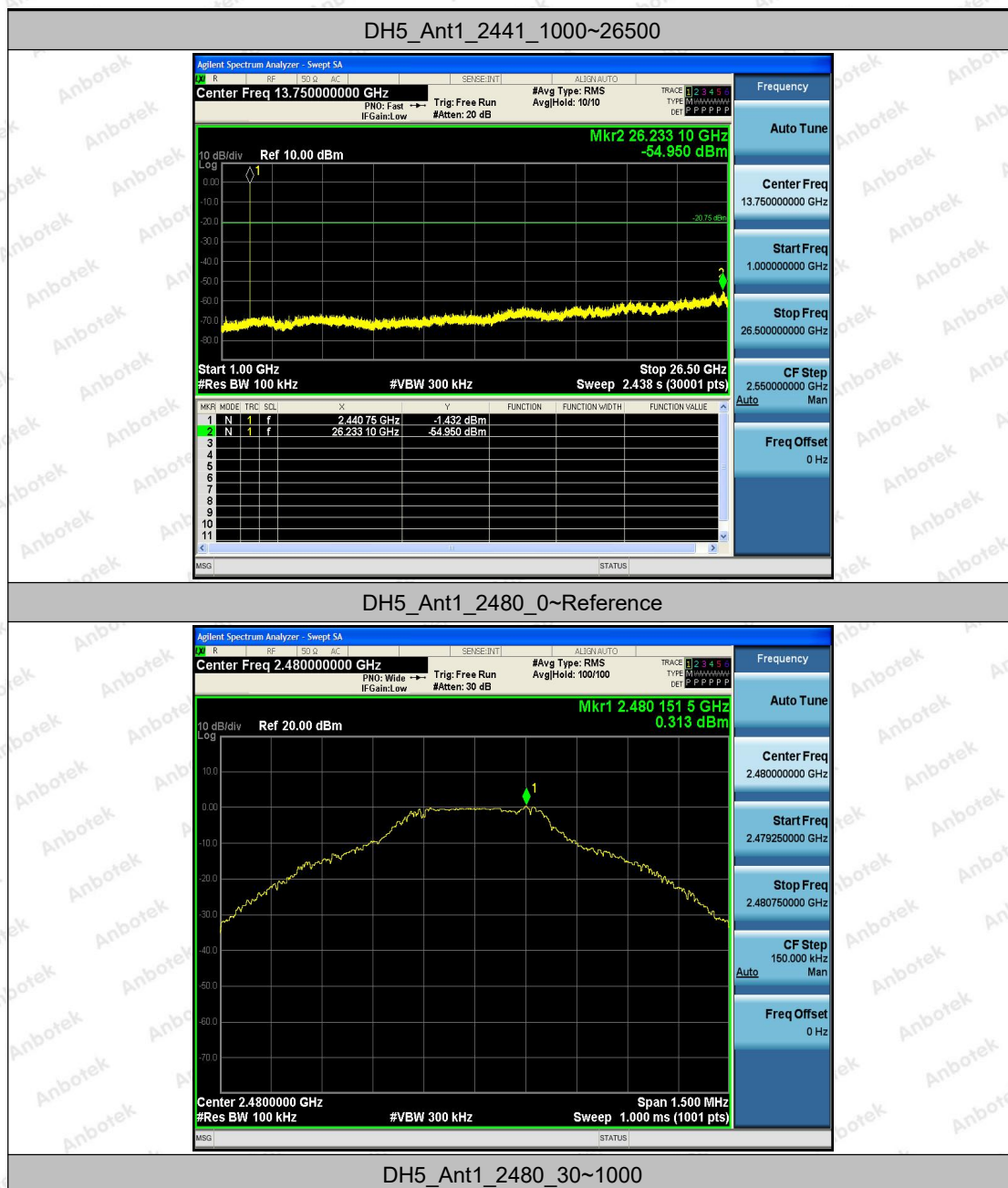


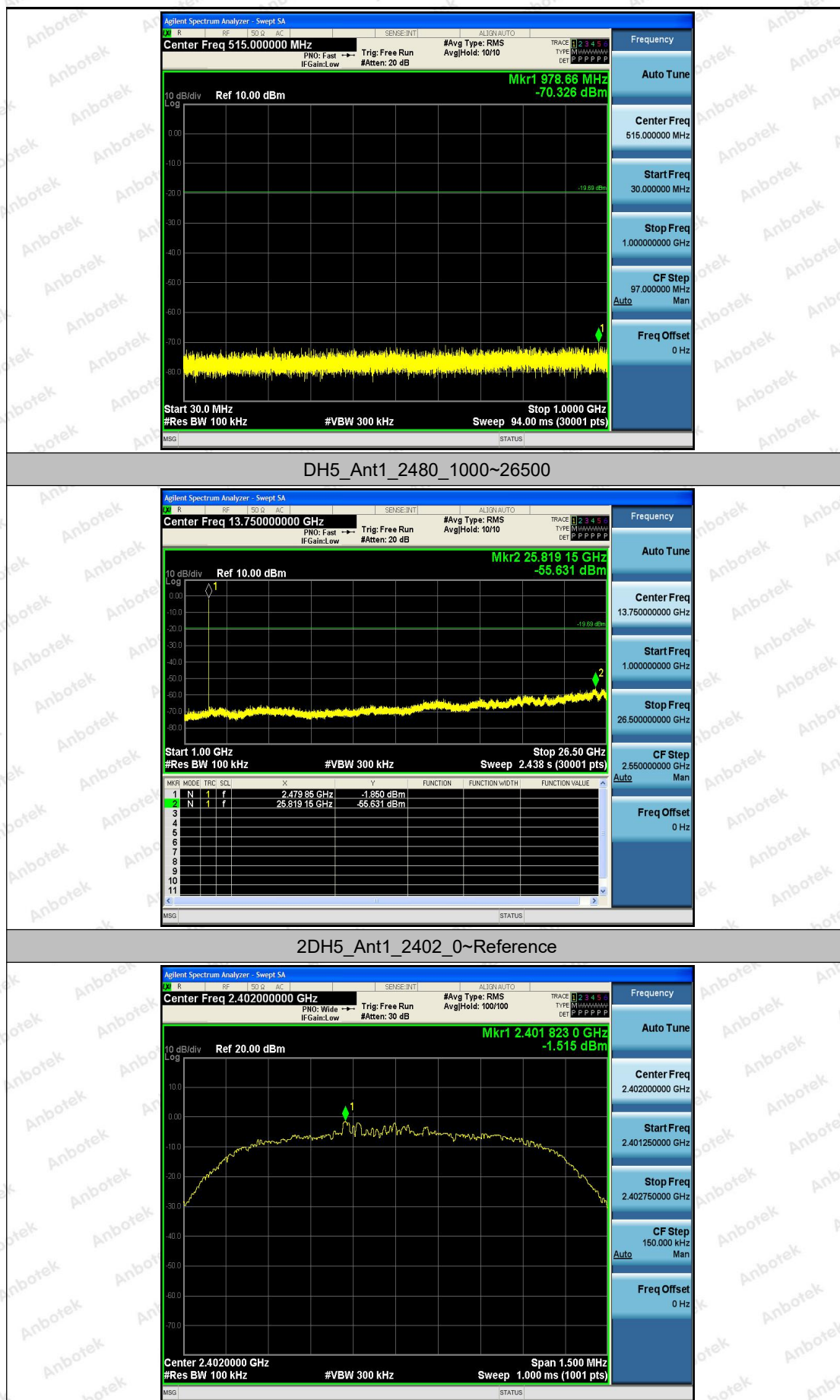
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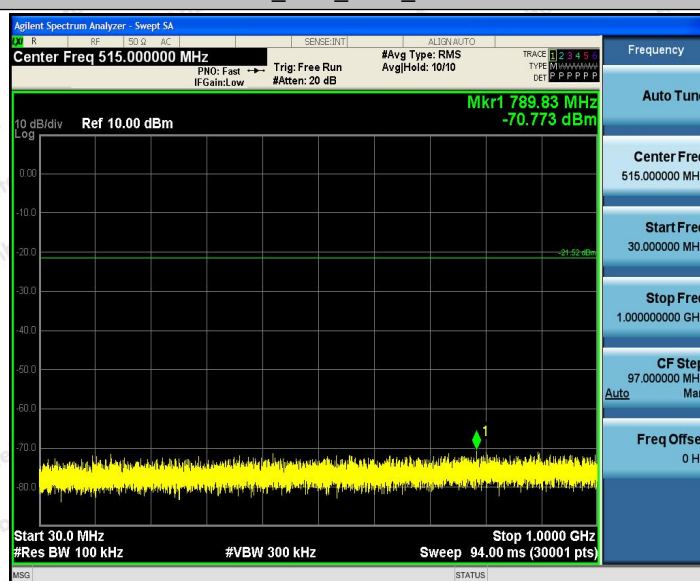


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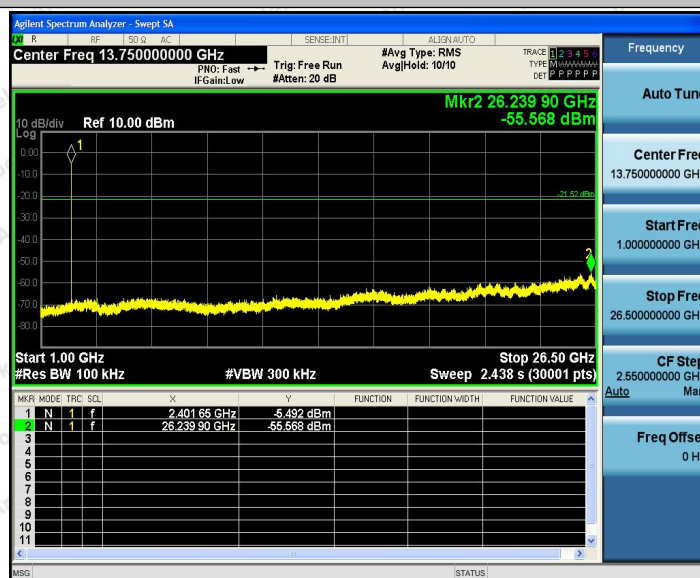
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2DH5 Ant1 2402 1000~26500



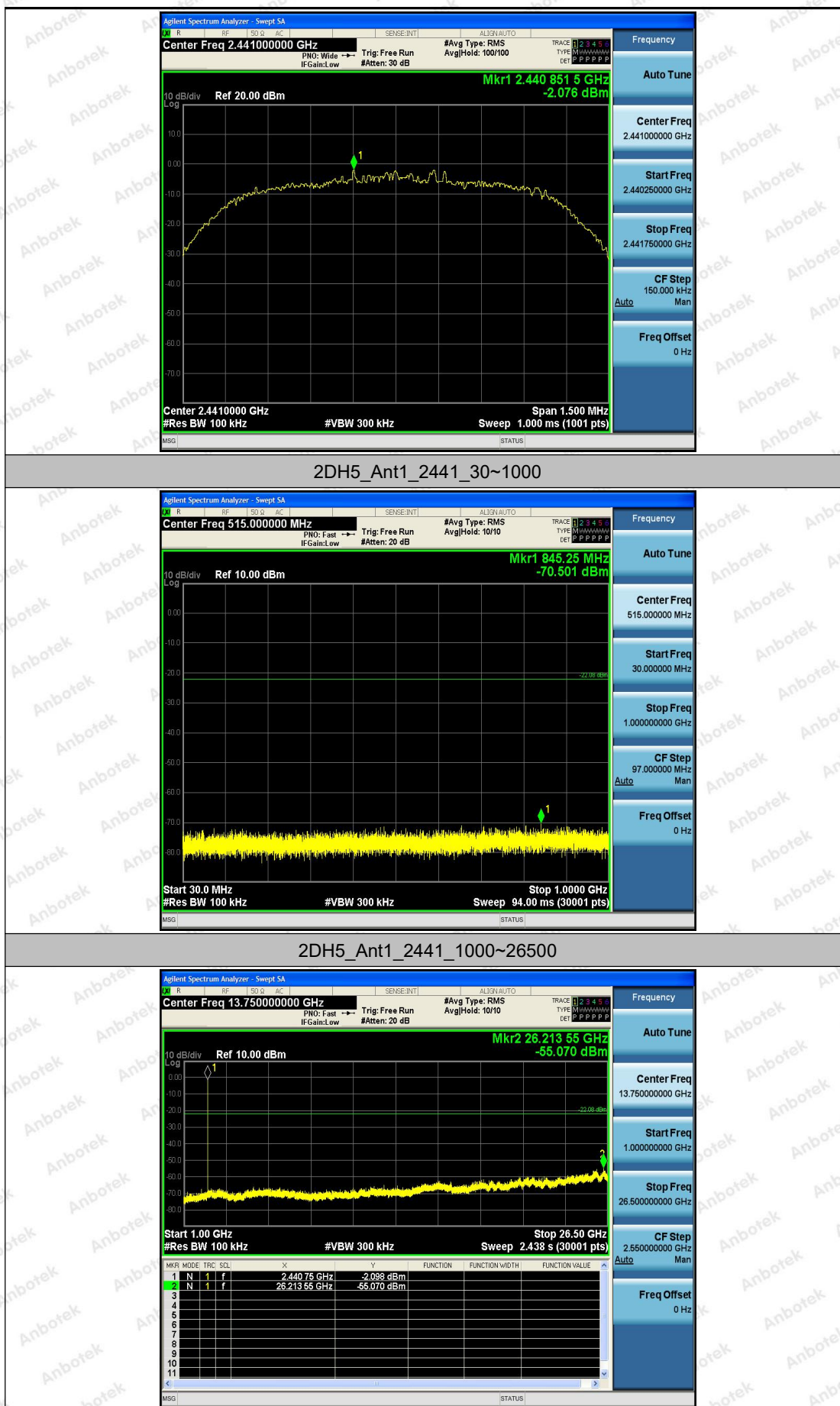
2DH5 Ant1 2441 0~Reference

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400-003-0500

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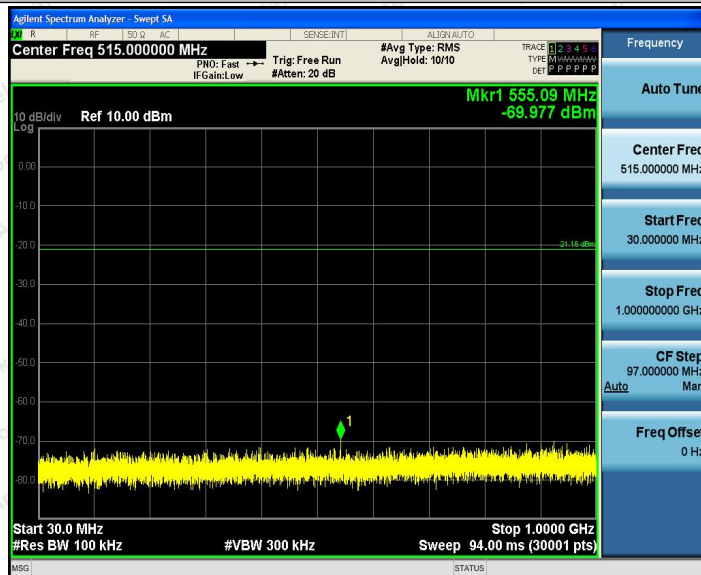
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## 2DH5\_Ant1\_2480\_0~Reference



## 2DH5\_Ant1\_2480\_30~1000



## 2DH5\_Ant1\_2480\_1000~26500

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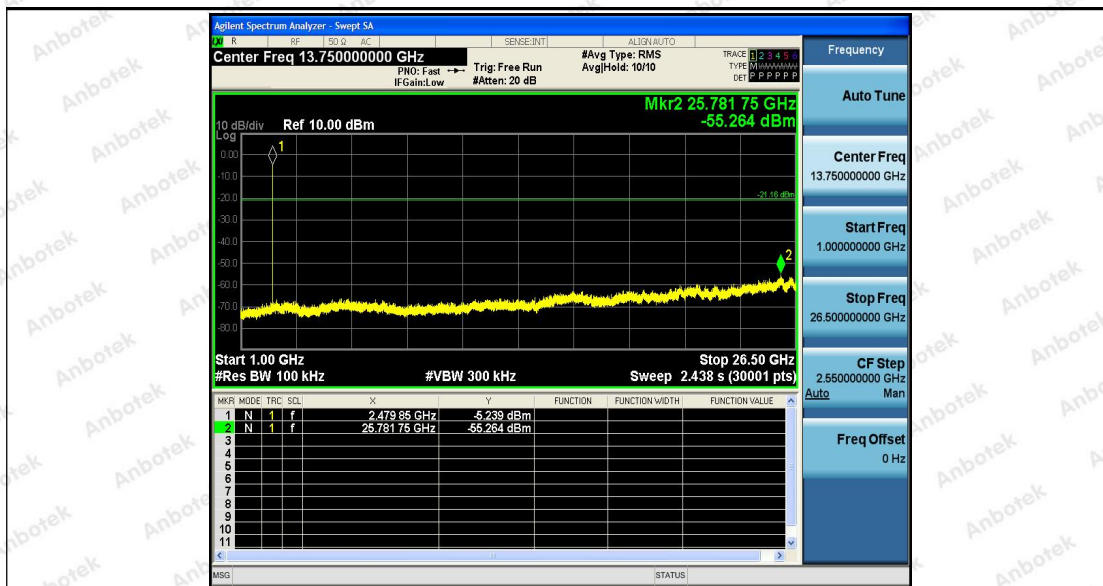
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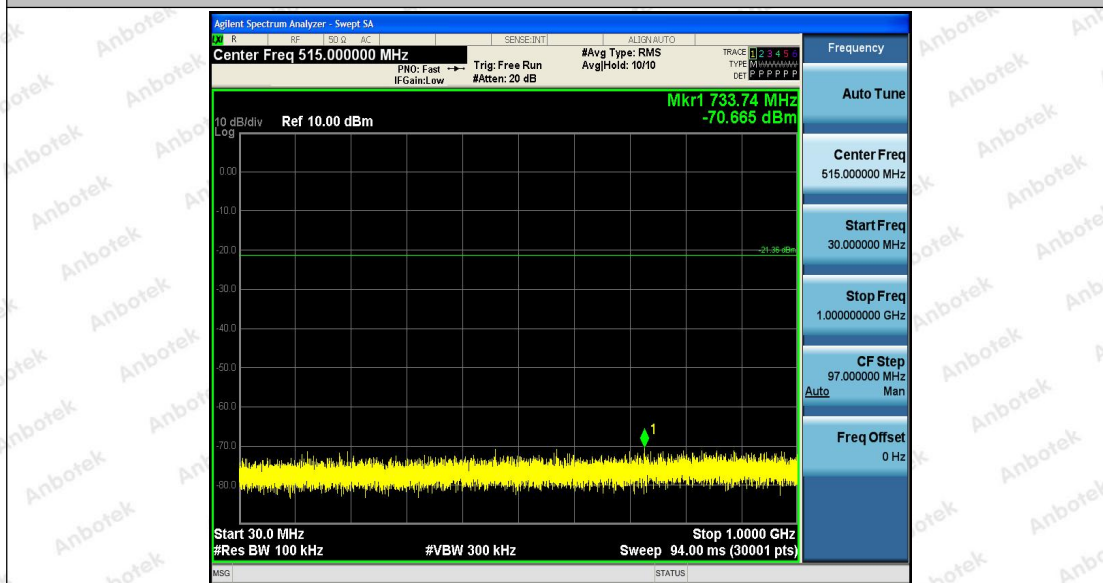
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3DH5\_Ant1\_2402\_0~Reference



3DH5\_Ant1\_2402\_30~1000



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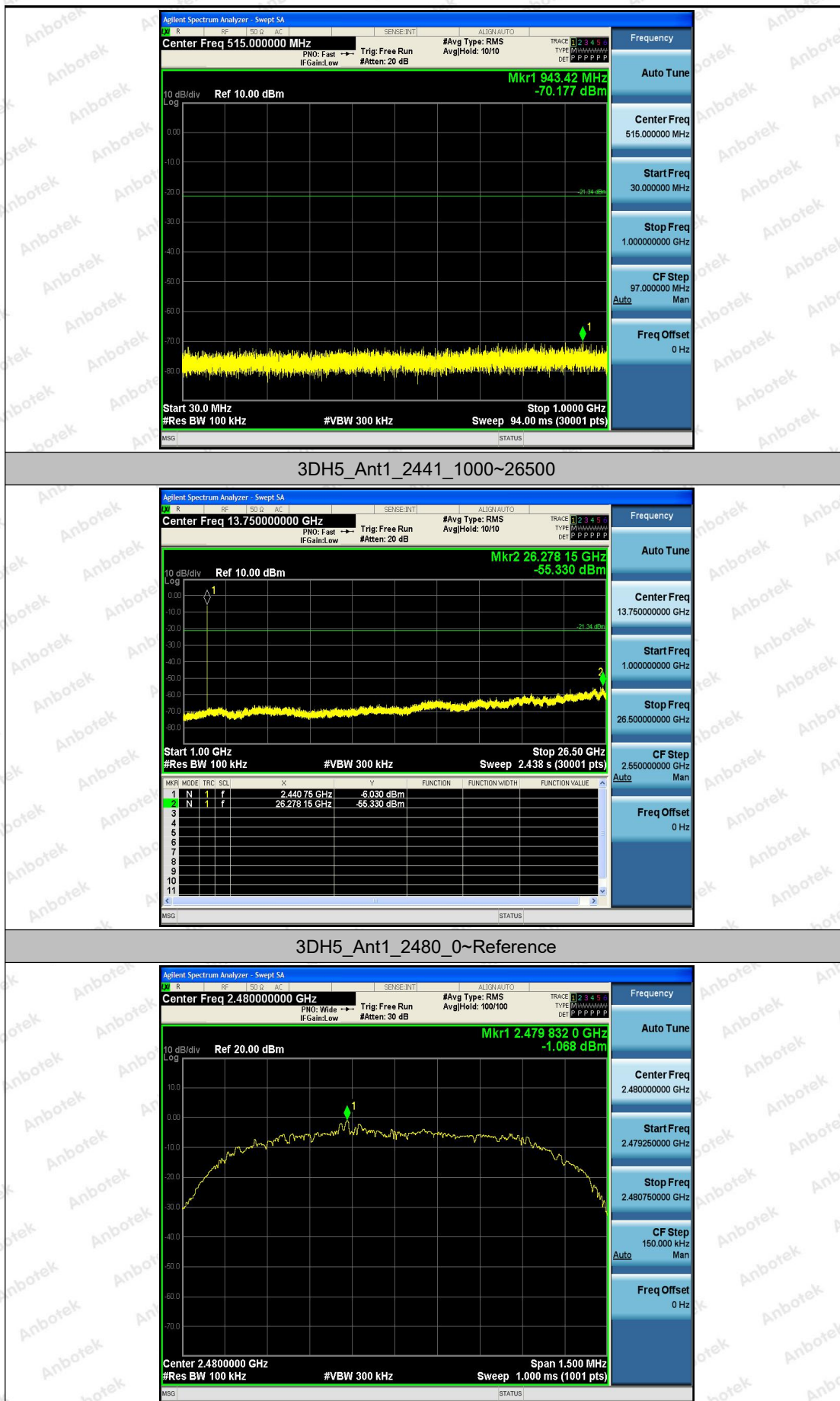
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## 3DH5\_Ant1\_2441\_0~Reference



## 3DH5\_Ant1\_2441\_30~1000

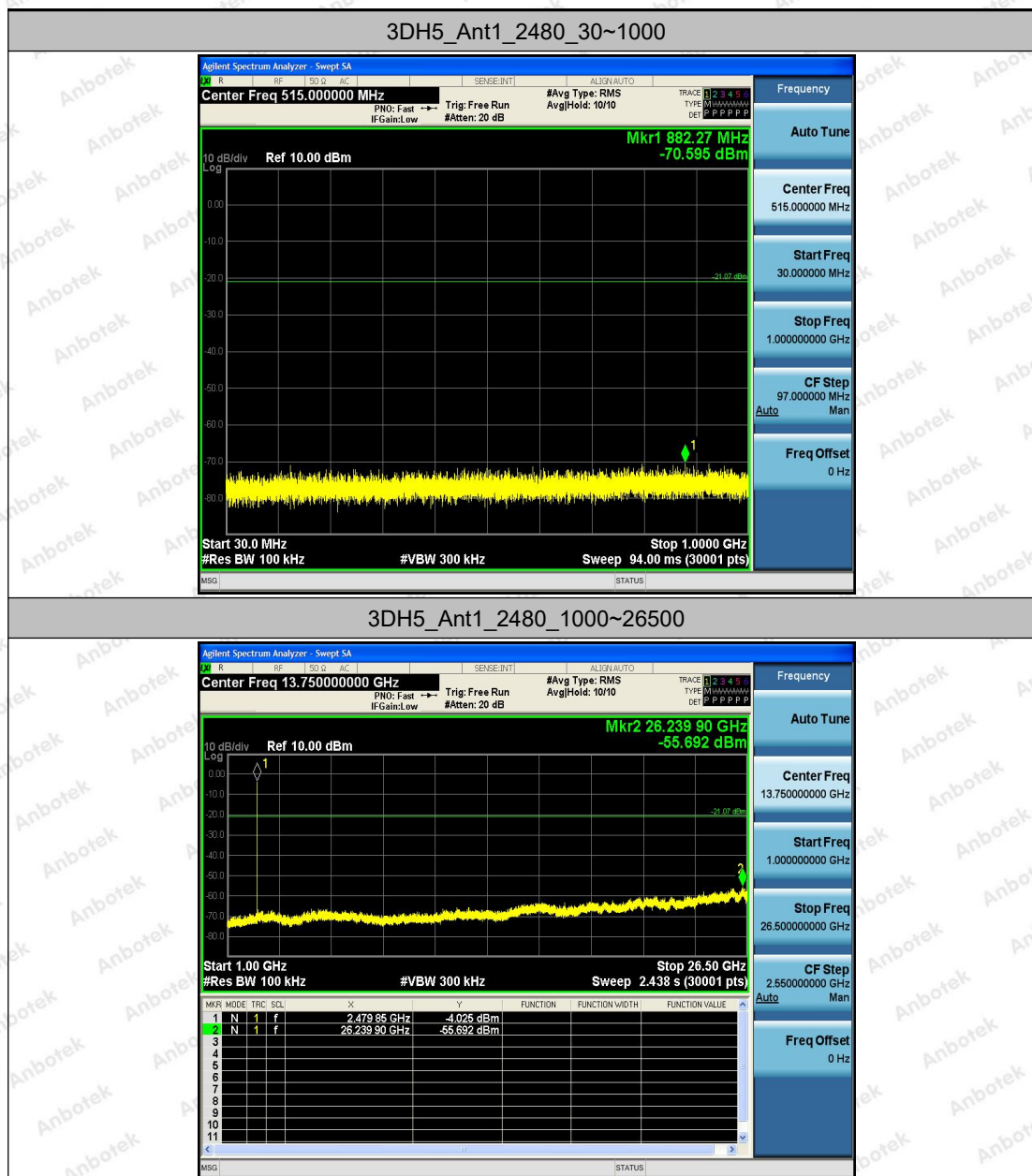


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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

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



Hotline

400-003-0500

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## Appendix I: Duty Cycle

### Test Result

| TestMode | Antenna | Channel | ON Time<br>[ms] | Period<br>[ms] | X          | DC<br>[%] | xFactor | Limit | Verdict |
|----------|---------|---------|-----------------|----------------|------------|-----------|---------|-------|---------|
| DH5      | Ant1    | 2402    | 2.87            | 3.75           | 0.765<br>3 | 76.53     | 1.16    | ---   | PASS    |
| 2DH5     | Ant1    | 2402    | 2.88            | 3.75           | 0.768<br>0 | 76.80     | 1.15    | ---   | PASS    |
| 3DH5     | Ant1    | 2402    | 2.88            | 3.75           | 0.768<br>0 | 76.80     | 1.15    | ---   | PASS    |

## Test Graphs

