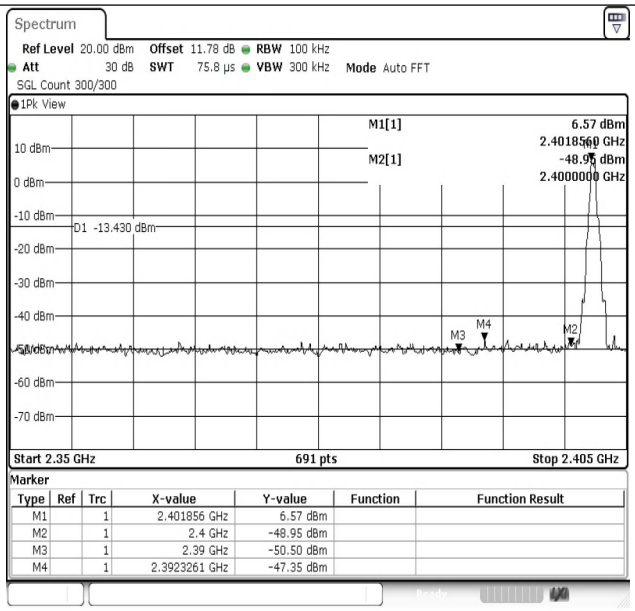
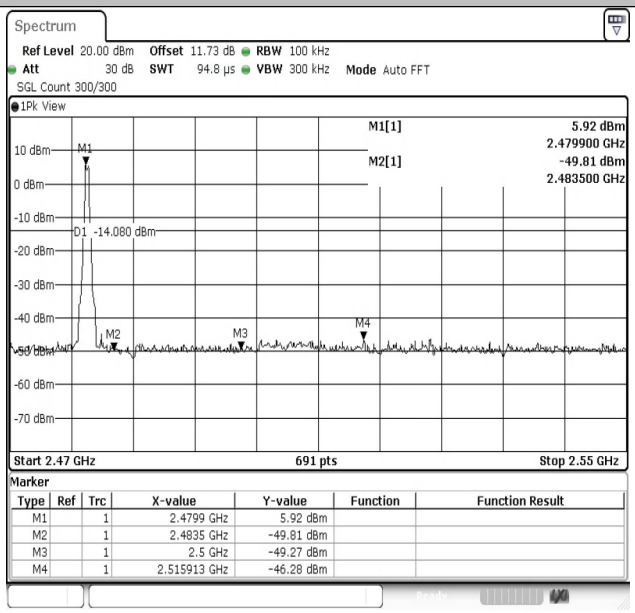
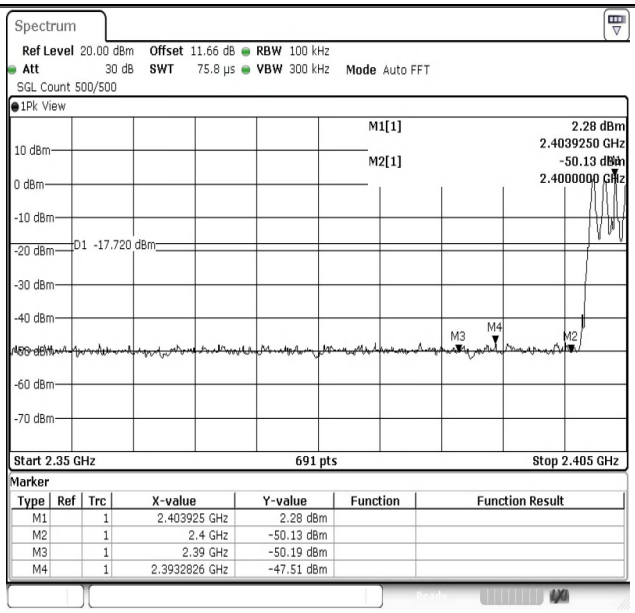
## Test Graphs



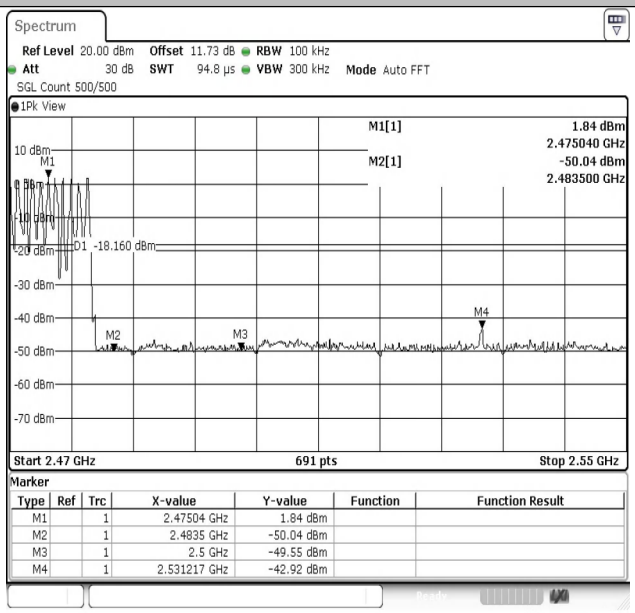

DH5-Ant1-2402-PASS



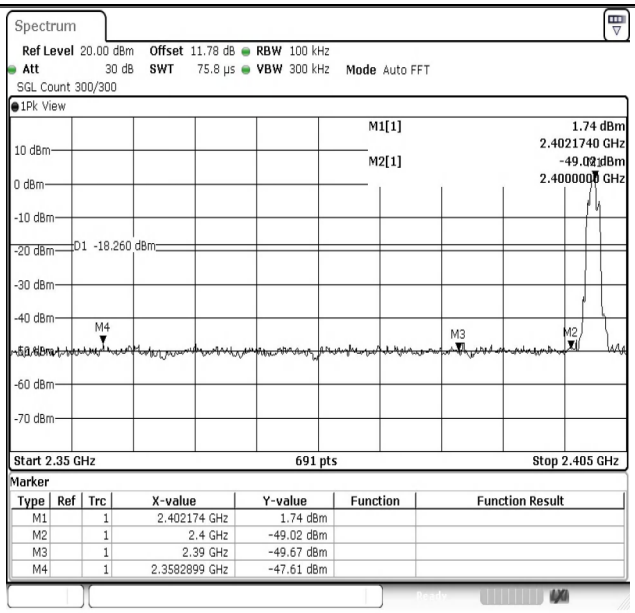

DH5-Ant1-2480-PASS



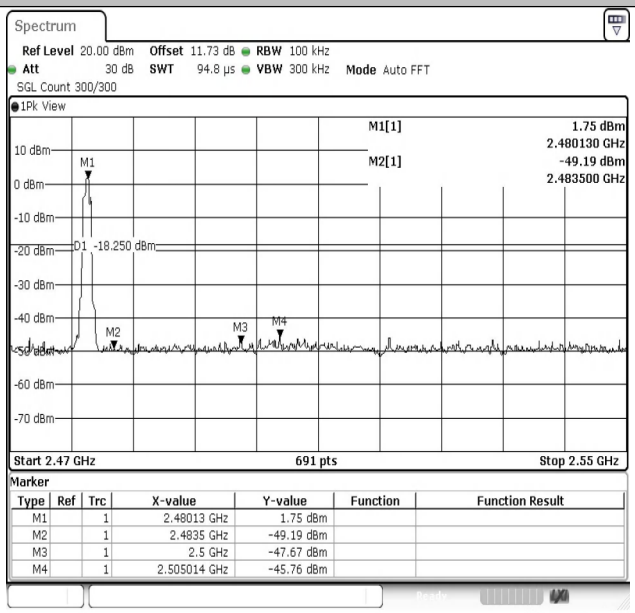

DH5-Ant1-Hop_2402-PASS



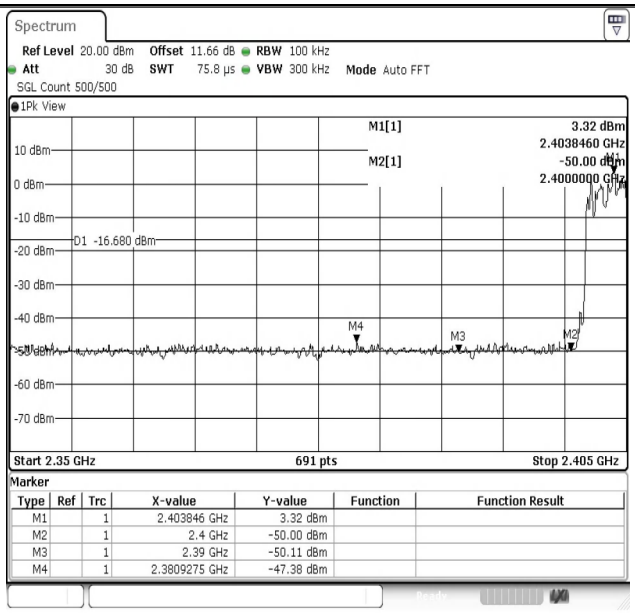

DH5-Ant1-Hop_2480-PASS



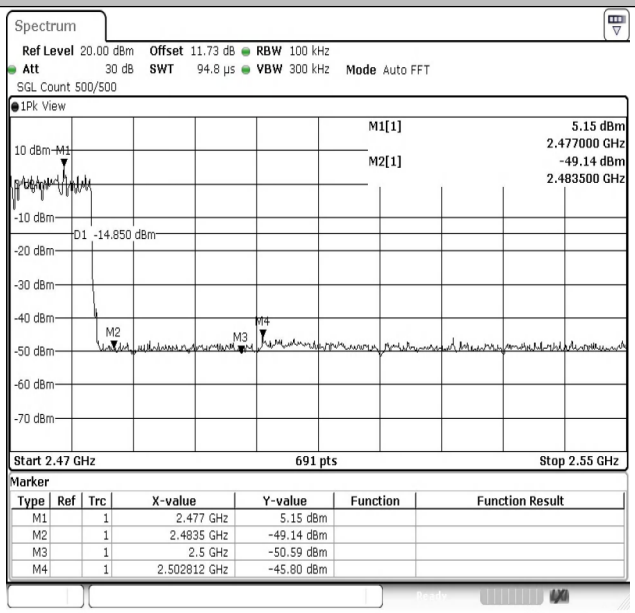

2DH5-Ant1-2402-PASS



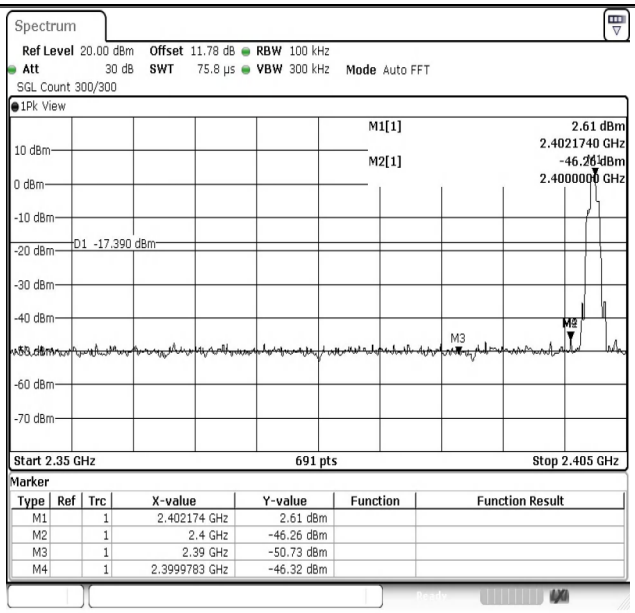

2DH5-Ant1-2480-PASS



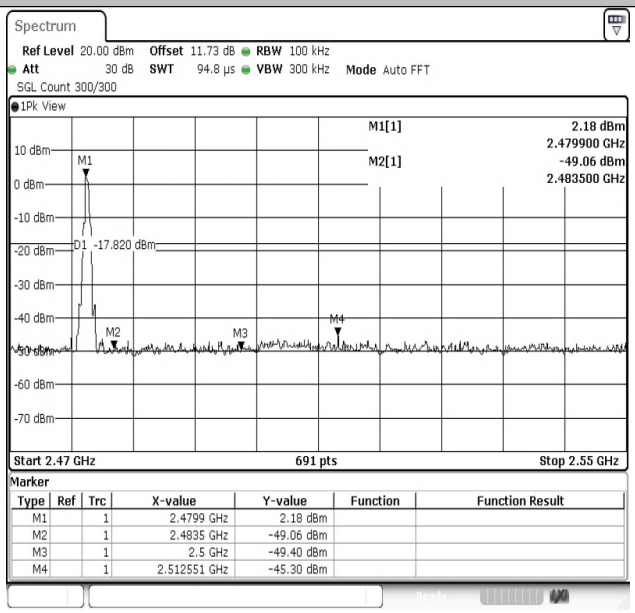

2DH5-Ant1-Hop_2402-PASS



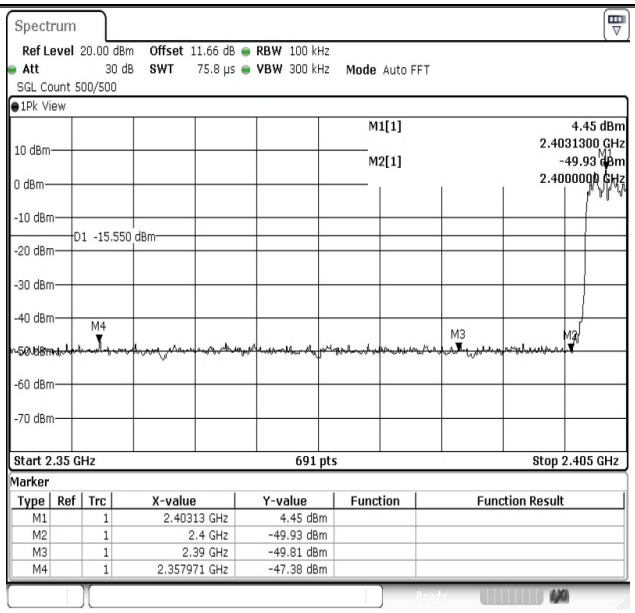

2DH5-Ant1-Hop_2480-PASS



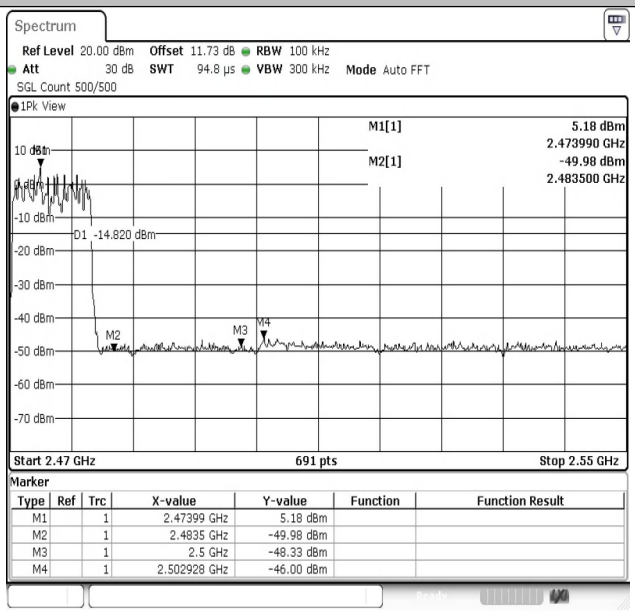

3DH5-Ant1-2402-PASS




3DH5-Ant1-2480-PASS




3DH5-Ant1-Hop_2402-PASS




3DH5-Ant1-Hop_2480-PASS

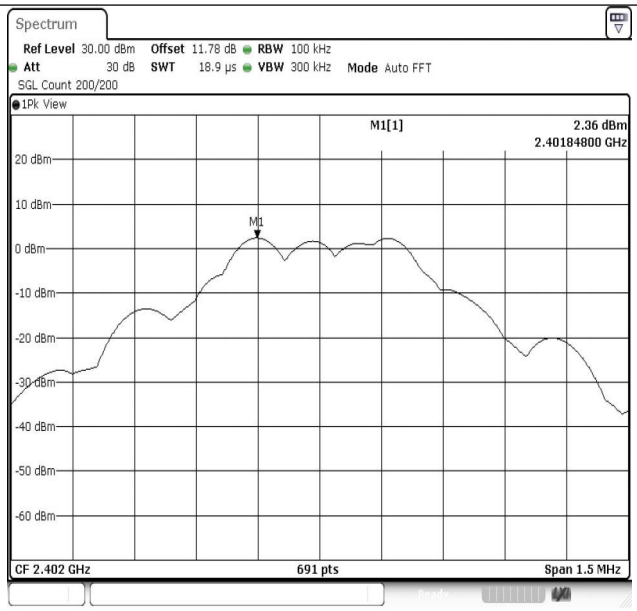
# Appendix H: Conducted Spurious Emission

## Test Result

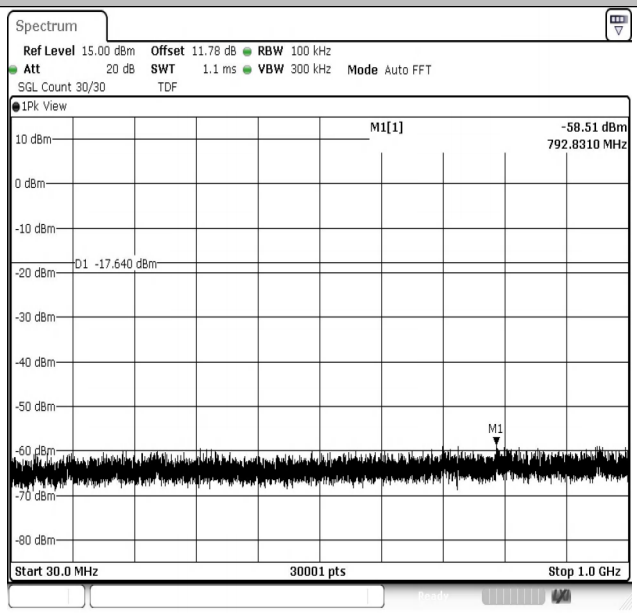
| Test Mode | Antenna | Frequency[MHz] | Freq. Range [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|
| DH5 | Ant1 | 2402 | 0~Reference | 2.36 | 2.36 | --- | PASS |
| DH5 | Ant1 | 2402 | 30~1000 | 2.36 | -58.51 | ≤-17.64 | PASS |
| DH5 | Ant1 | 2402 | 1000~26500 | 2.36 | -43.1 | ≤-17.64 | PASS |
| DH5 | Ant1 | 2441 | 0~Reference | 2.37 | 2.37 | --- | PASS |
| DH5 | Ant1 | 2441 | 30~1000 | 2.37 | -58.03 | ≤-17.63 | PASS |
| DH5 | Ant1 | 2441 | 1000~26500 | 2.37 | -43.57 | ≤-17.63 | PASS |
| DH5 | Ant1 | 2480 | 0~Reference | 1.88 | 1.88 | --- | PASS |
| DH5 | Ant1 | 2480 | 30~1000 | 1.88 | -44.5 | ≤-18.12 | PASS |
| DH5 | Ant1 | 2480 | 1000~26500 | 1.88 | -43.64 | ≤-18.12 | PASS |
| 2DH5 | Ant1 | 2402 | 0~Reference | 1.36 | 1.36 | --- | PASS |
| 2DH5 | Ant1 | 2402 | 30~1000 | 1.36 | -57.6 | ≤-18.64 | PASS |
| 2DH5 | Ant1 | 2402 | 1000~26500 | 1.36 | -43.99 | ≤-18.64 | PASS |
| 2DH5 | Ant1 | 2441 | 0~Reference | 1.53 | 1.53 | --- | PASS |
| 2DH5 | Ant1 | 2441 | 30~1000 | 1.53 | -57.43 | ≤-18.47 | PASS |
| 2DH5 | Ant1 | 2441 | 1000~26500 | 1.53 | -43.93 | ≤-18.47 | PASS |
| 2DH5 | Ant1 | 2480 | 0~Reference | 1.63 | 1.63 | --- | PASS |
| 2DH5 | Ant1 | 2480 | 30~1000 | 1.63 | -58.1 | ≤-18.37 | PASS |
| 2DH5 | Ant1 | 2480 | 1000~26500 | 1.63 | -40.47 | ≤-18.37 | PASS |
| 3DH5 | Ant1 | 2402 | 0~Reference | 2.07 | 2.07 | --- | PASS |
| 3DH5 | Ant1 | 2402 | 30~1000 | 2.07 | -58.09 | ≤-17.93 | PASS |
| 3DH5 | Ant1 | 2402 | 1000~26500 | 2.07 | -44 | ≤-17.93 | PASS |
| 3DH5 | Ant1 | 2441 | 0~Reference | 1.29 | 1.29 | --- | PASS |
| 3DH5 | Ant1 | 2441 | 30~1000 | 1.29 | -58.35 | ≤-18.71 | PASS |
| 3DH5 | Ant1 | 2441 | 1000~26500 | 1.29 | -43.95 | ≤-18.71 | PASS |
| 3DH5 | Ant1 | 2480 | 0~Reference | 0.93 | 0.93 | --- | PASS |
| 3DH5 | Ant1 | 2480 | 30~1000 | 0.93 | -58.46 | ≤-19.07 | PASS |
| 3DH5 | Ant1 | 2480 | 1000~26500 | 0.93 | -43.73 | ≤-19.07 | PASS |

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'TDF' of the Spectrum Analyzer during the test.

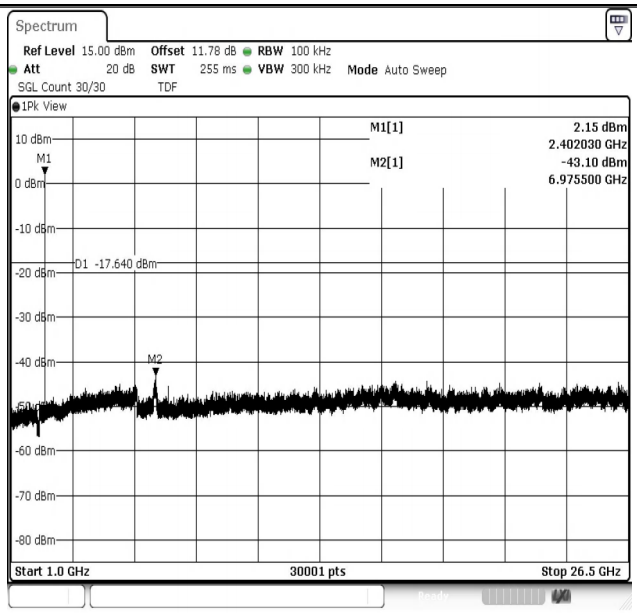
## Test Graphs



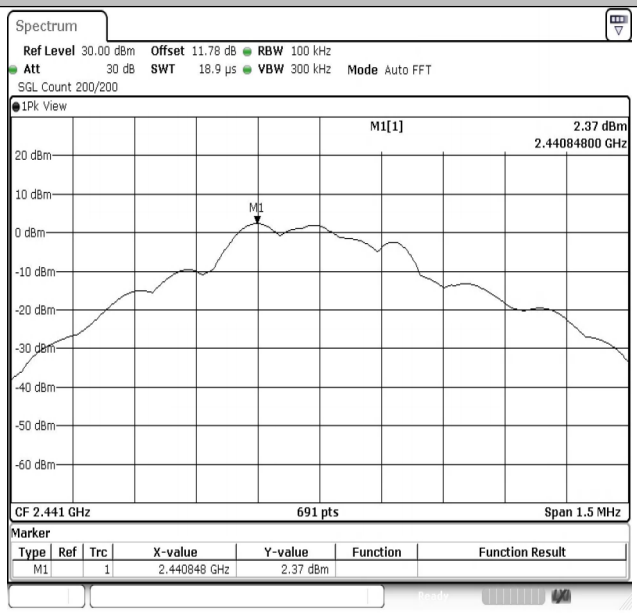

DH5-Ant1-2402-0~Reference-PASS



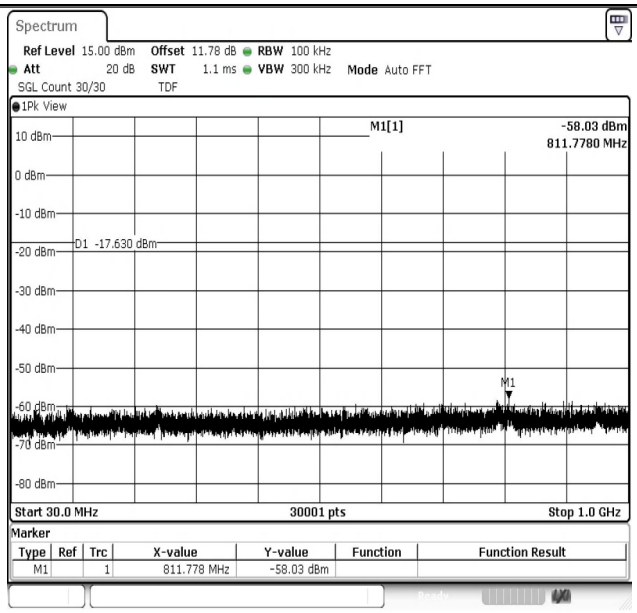

DH5-Ant1-2402-30~1000-PASS



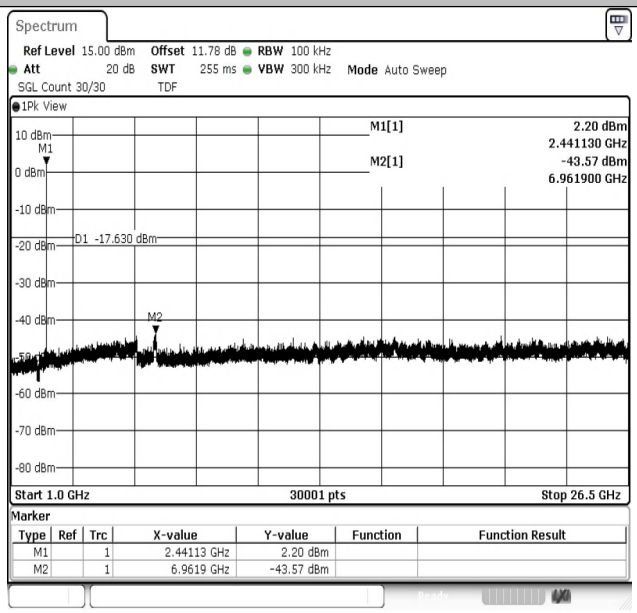

DH5-Ant1-2402-1000~26500-PASS



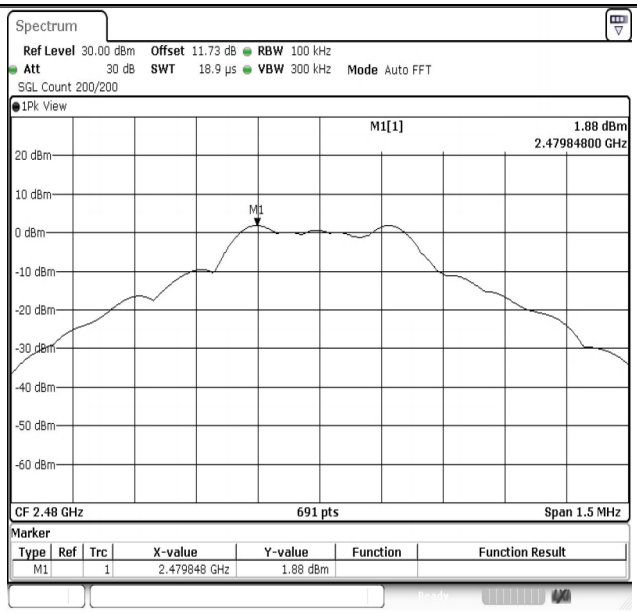

DH5-Ant1-2441-0~Reference-PASS



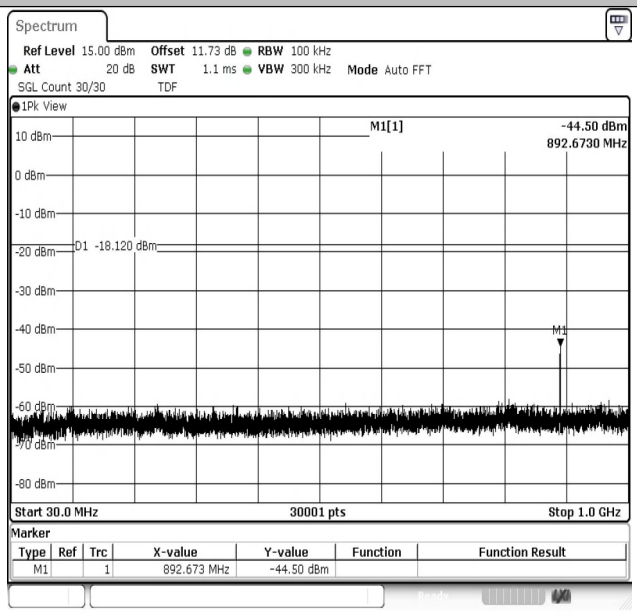

DH5-Ant1-2441-30~1000-PASS



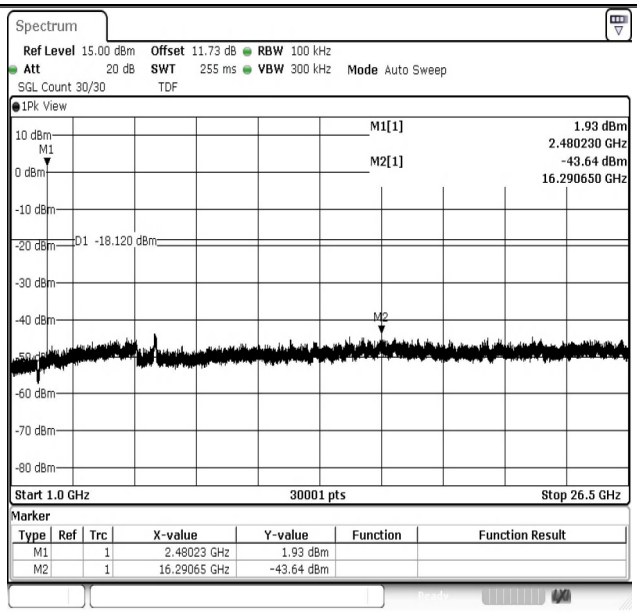

DH5-Ant1-2441-1000~26500-PASS




DH5-Ant1-2480-0~Reference-PASS




DH5-Ant1-2480-30~1000-PASS

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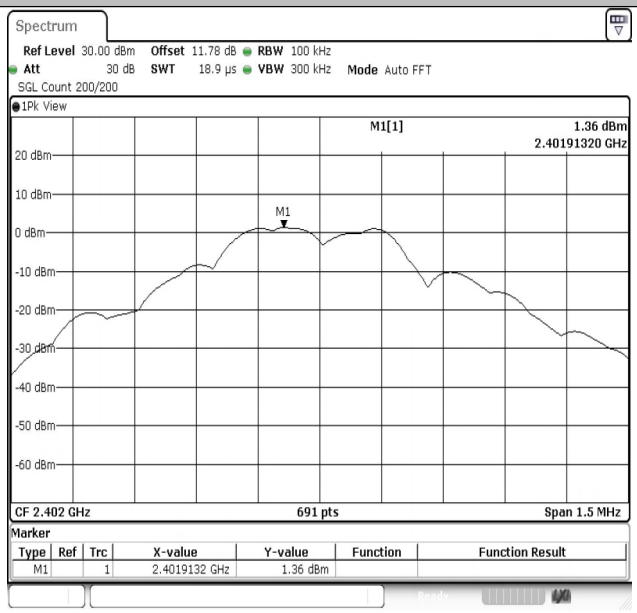
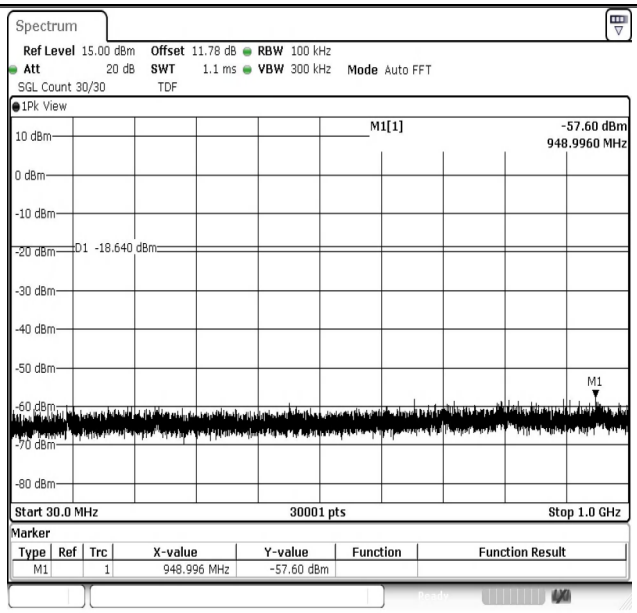
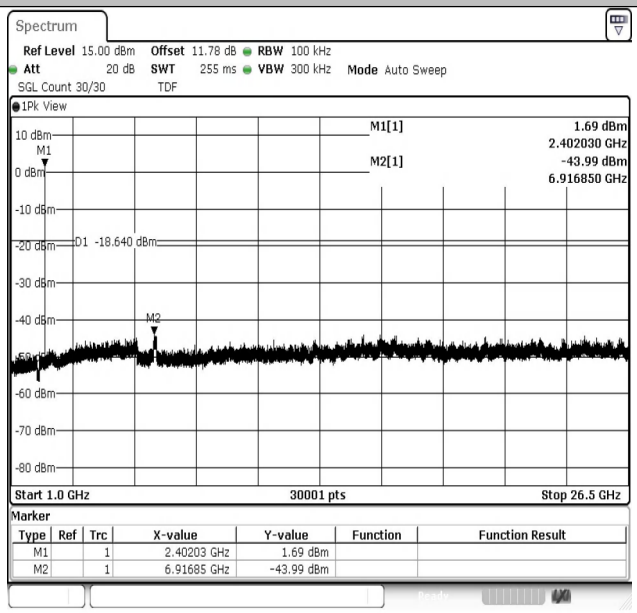


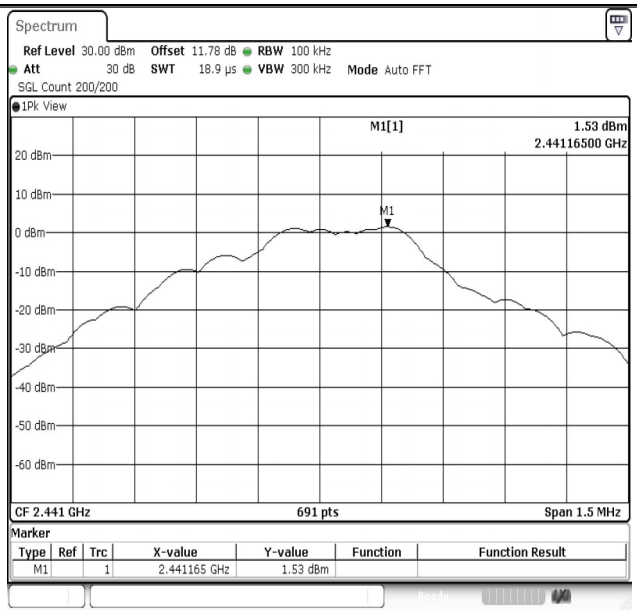

2DH5-Ant1-2402-0~Reference-PASS




2DH5-Ant1-2402-30~1000-PASS




2DH5-Ant1-2402-1000~26500-PASS

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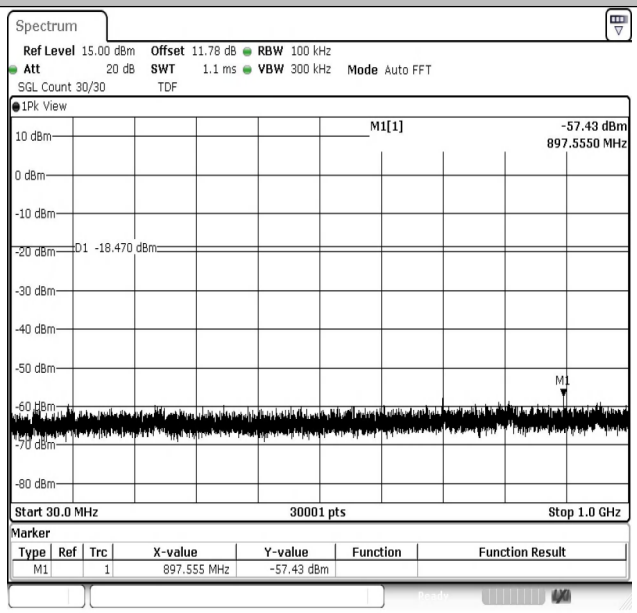
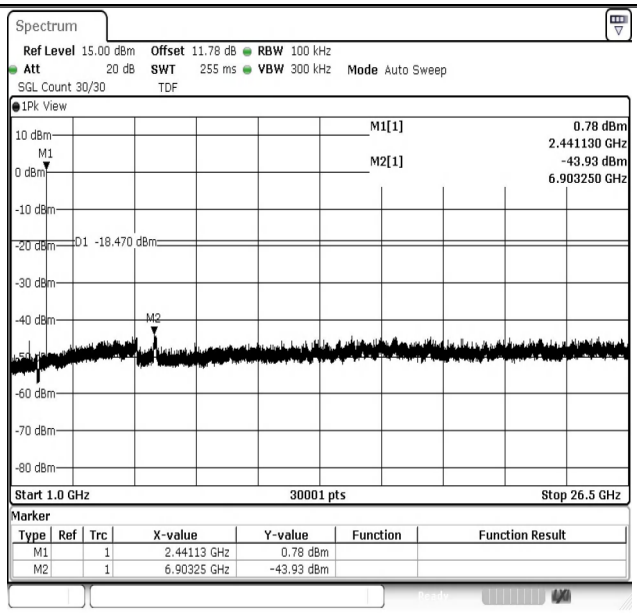



2DH5-Ant1-2441-30~1000-PASS

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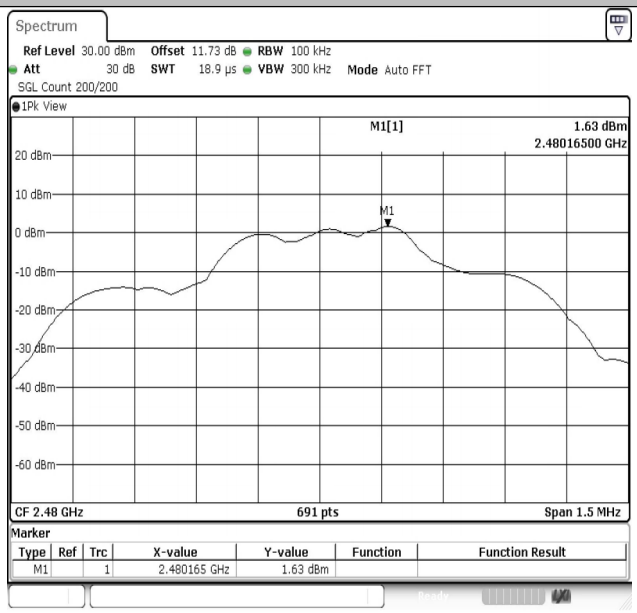
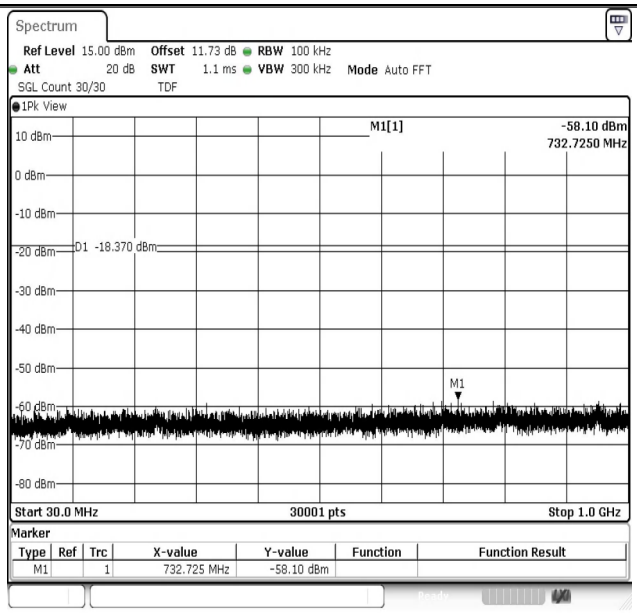
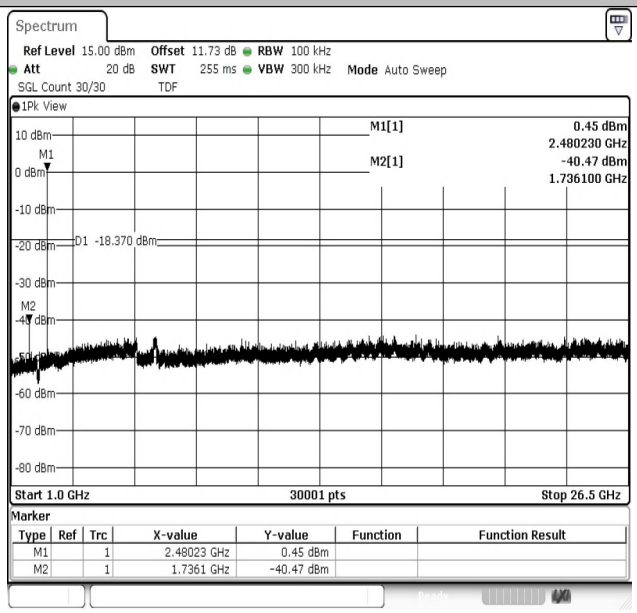



2DH5-Ant1-2480-0~Reference-PASS




2DH5-Ant1-2480-30~1000-PASS

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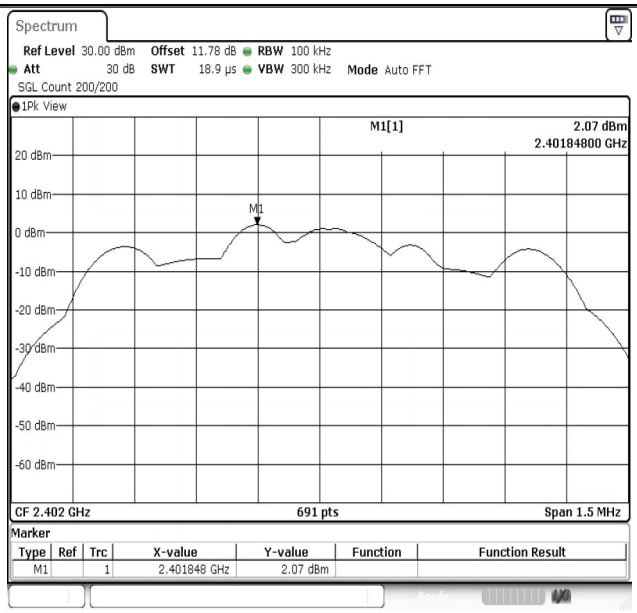
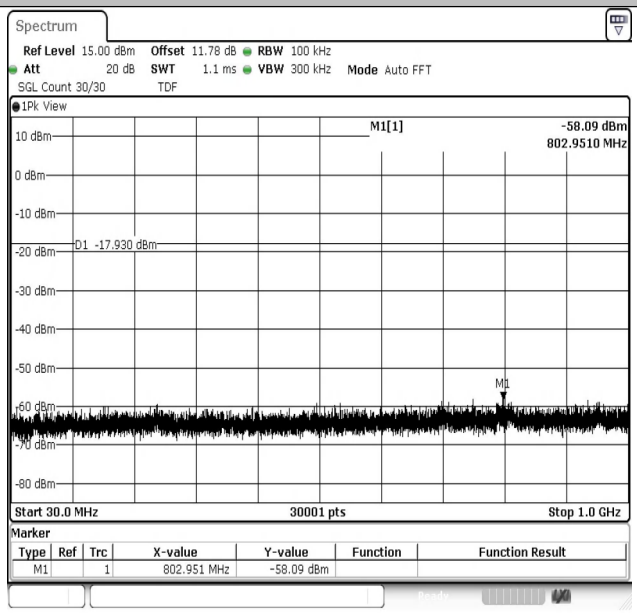
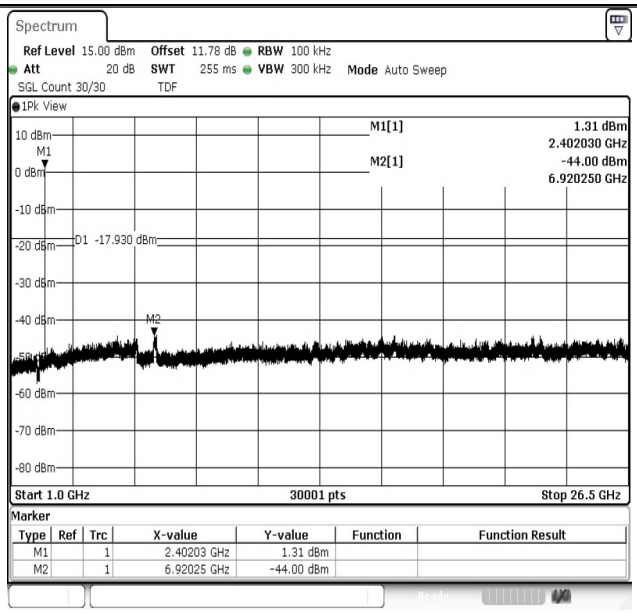


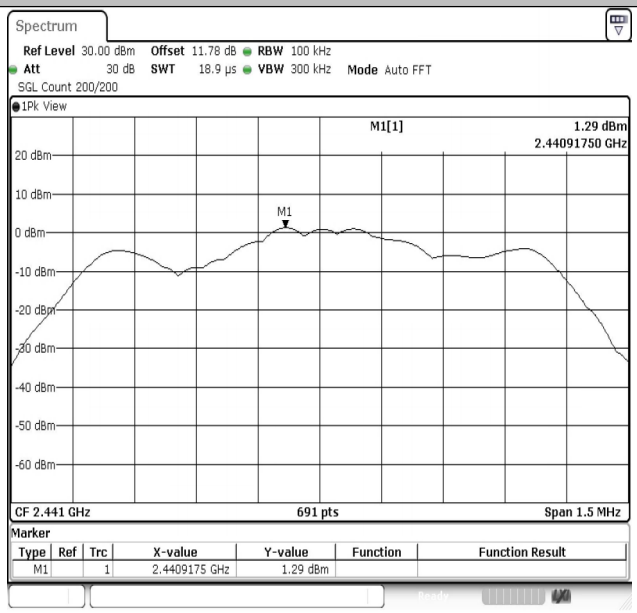

3DH5-Ant1-2402-0~Reference-PASS




3DH5-Ant1-2402-30~1000-PASS




3DH5-Ant1-2402-1000~26500-PASS

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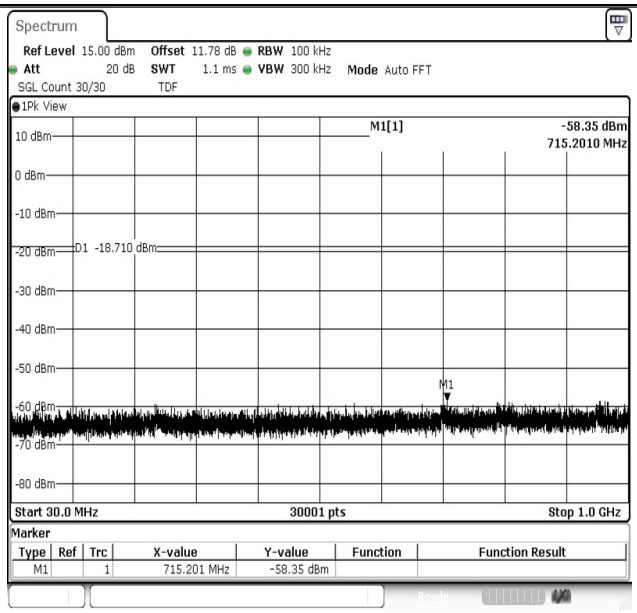


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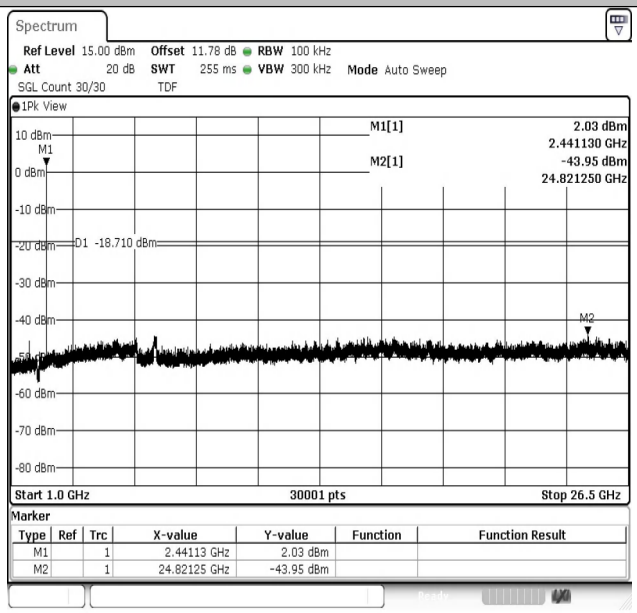


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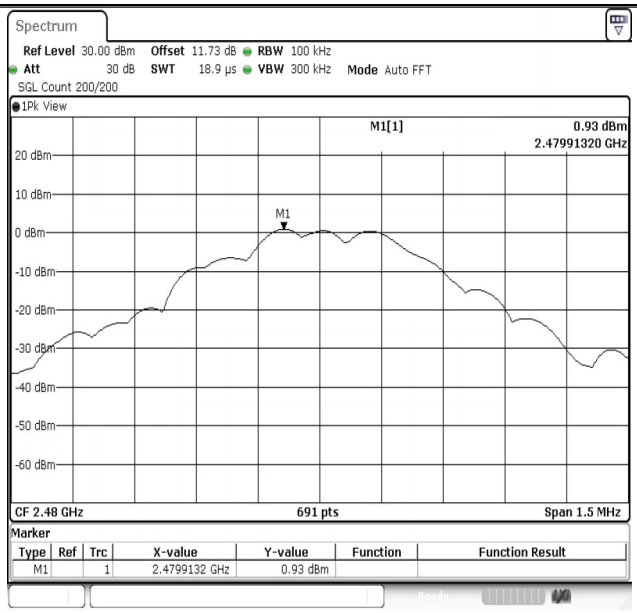
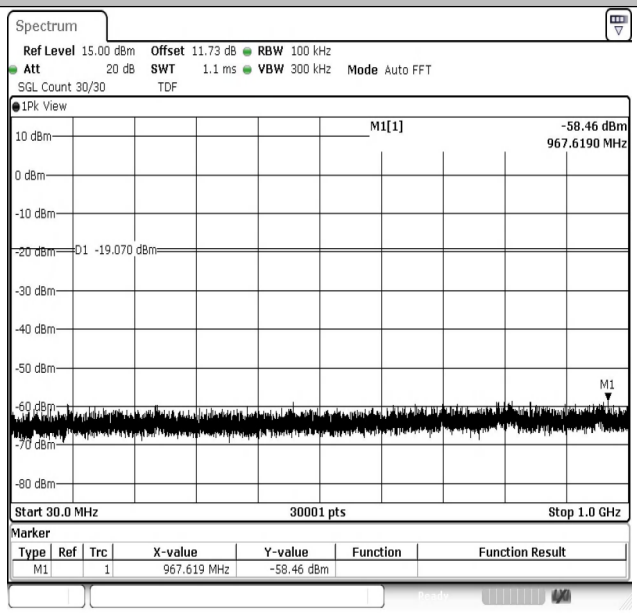
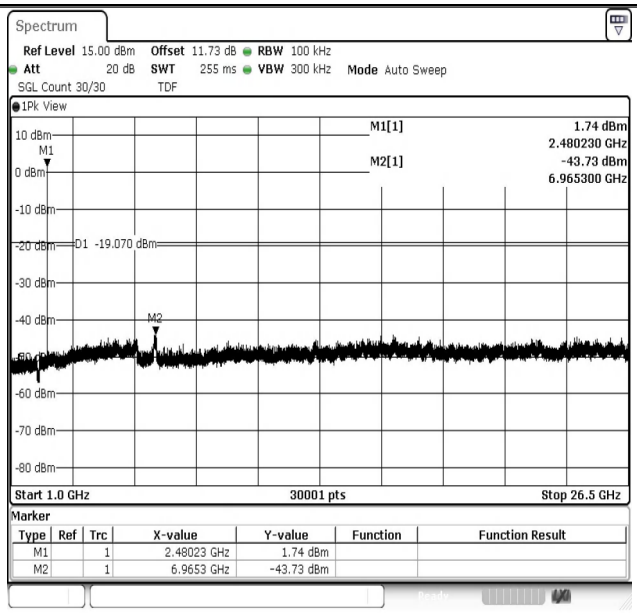



3DH5-Ant1-2480-0~Reference-PASS




3DH5-Ant1-2480-30~1000-PASS



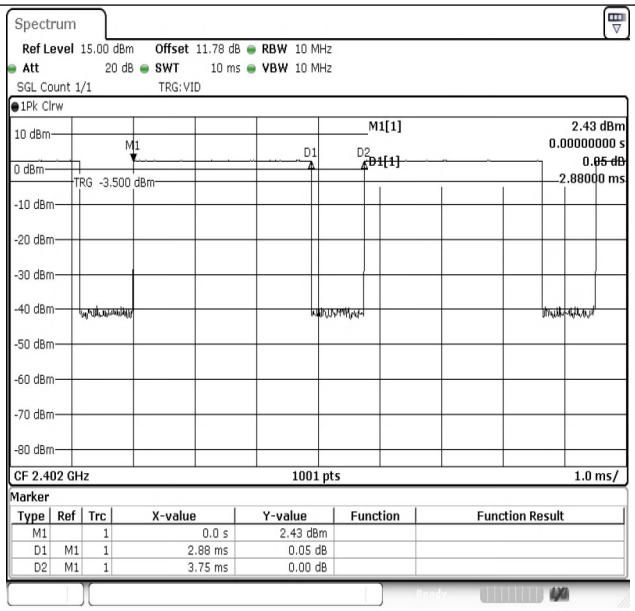

3DH5-Ant1-2480-1000~26500-PASS

# Appendix I: Duty Cycle

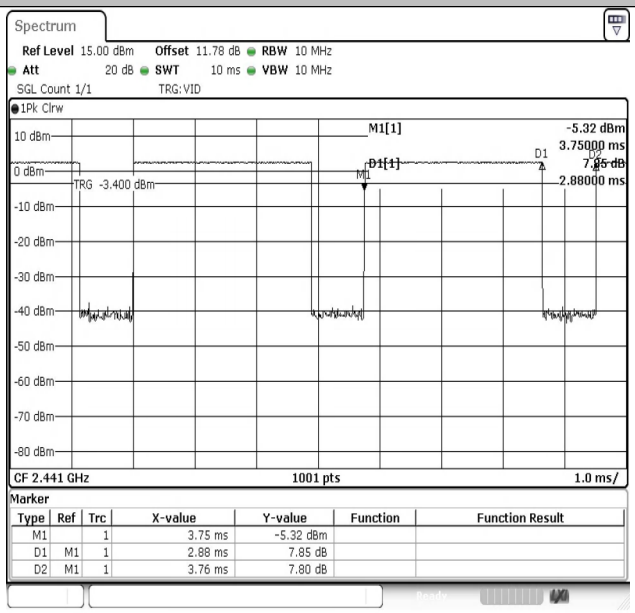
## Test Result

| Test Mode | Antenna | Frequency[MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] |
|---|---|---|---|---|---|---|
| DH5 | Ant1 | 2402 | 2.88 | 3.75 | 76.80 | 1.15 |
| DH5 | Ant1 | 2441 | 2.88 | 3.76 | 76.60 | 1.16 |
| DH5 | Ant1 | 2480 | 2.88 | 3.75 | 76.80 | 1.15 |
| 2DH5 | Ant1 | 2402 | 2.89 | 3.76 | 76.86 | 1.14 |
| 2DH5 | Ant1 | 2441 | 2.88 | 3.75 | 76.80 | 1.15 |
| 2DH5 | Ant1 | 2480 | 2.89 | 3.76 | 76.86 | 1.14 |
| 3DH5 | Ant1 | 2402 | 2.89 | 3.76 | 76.86 | 1.14 |
| 3DH5 | Ant1 | 2441 | 2.89 | 3.76 | 76.86 | 1.14 |
| 3DH5 | Ant1 | 2480 | 2.89 | 3.76 | 76.86 | 1.14 |

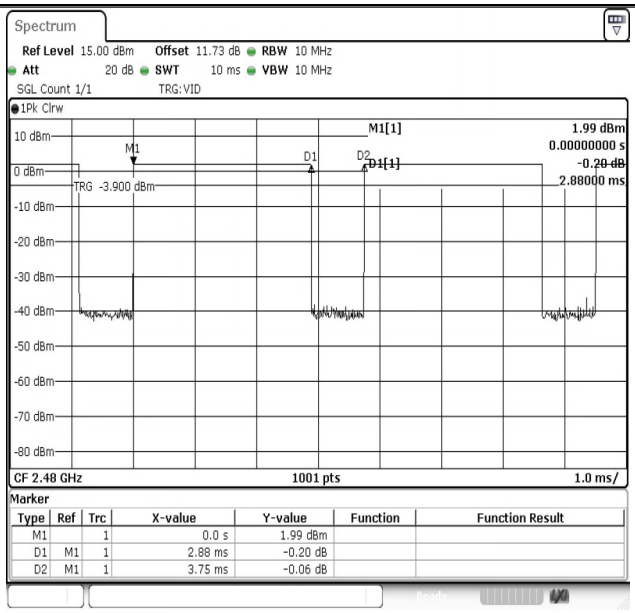
## Test Graphs



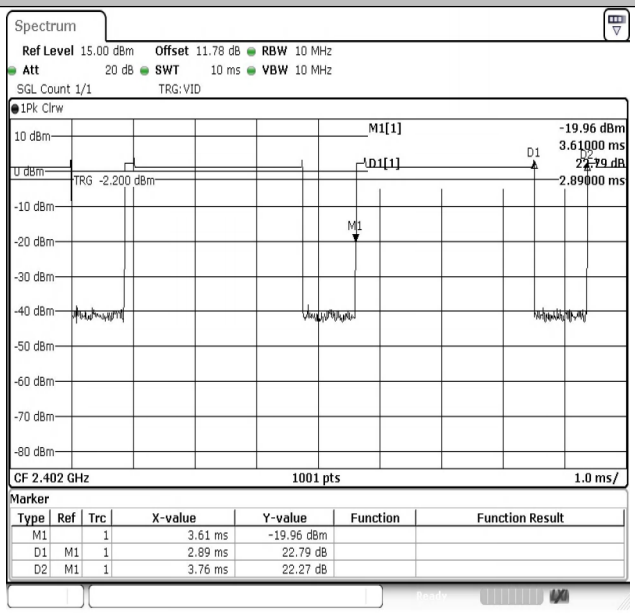

NTNV-DH5-Ant1-2402



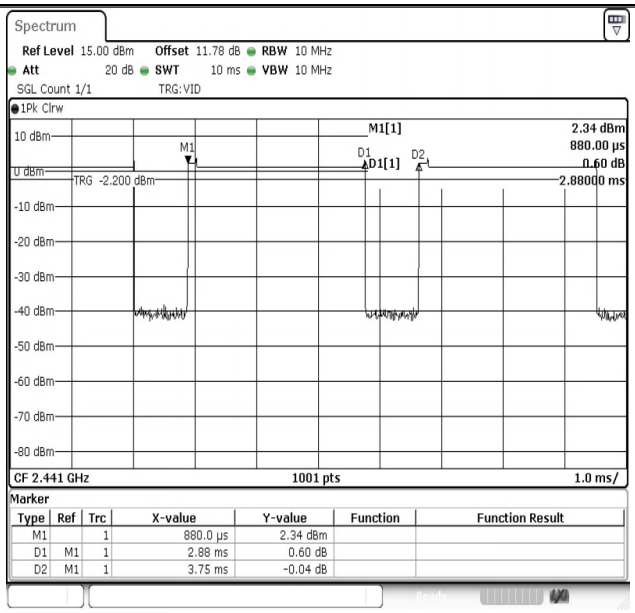

NTNV-DH5-Ant1-2441




NTNV-DH5-Ant1-2480




NTNV-2DH5-Ant1-2402

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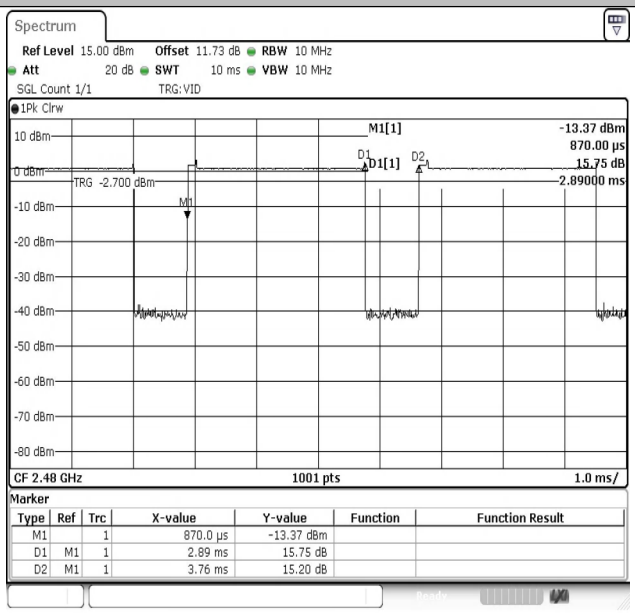


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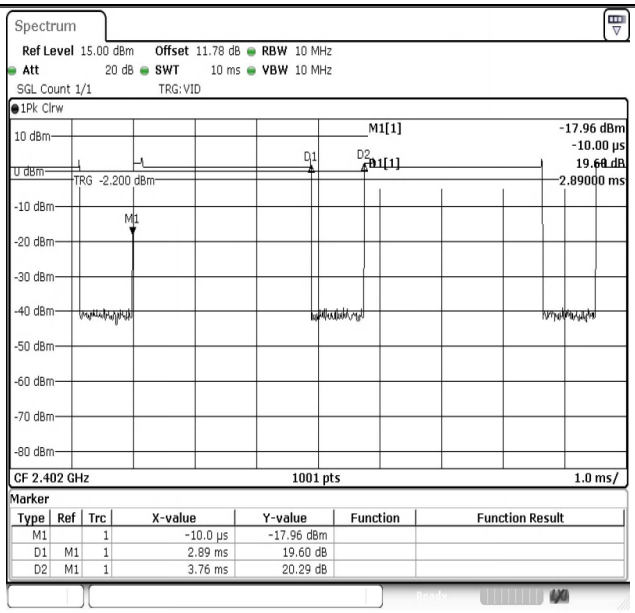


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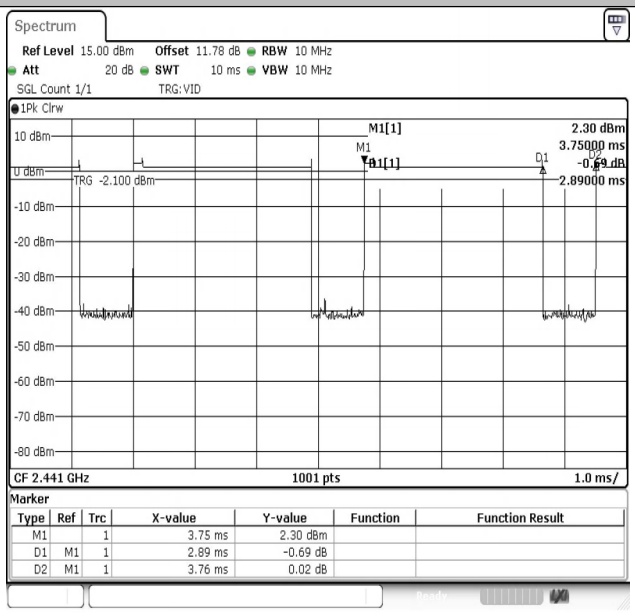


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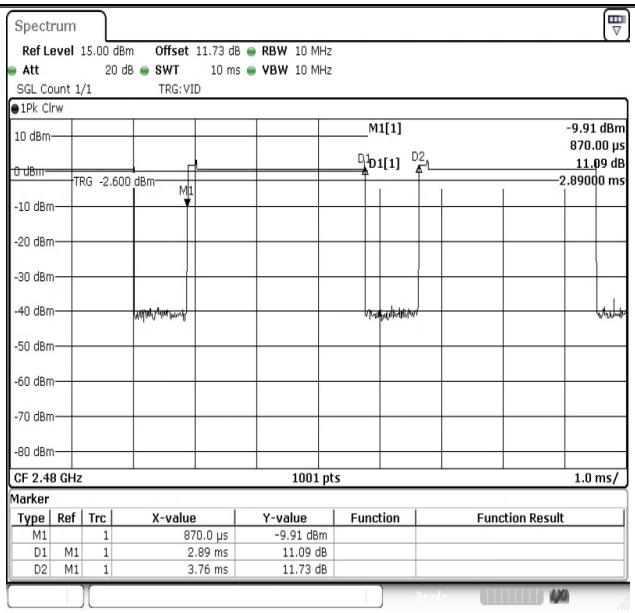


NTNV-3DH5-Ant1-2480

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