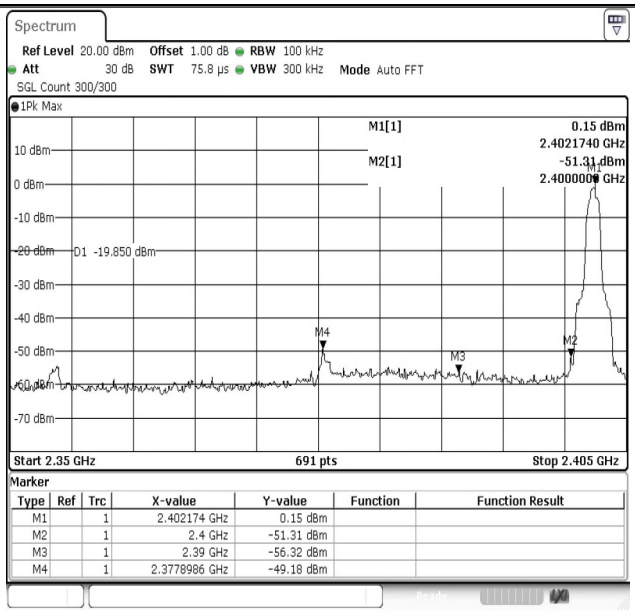
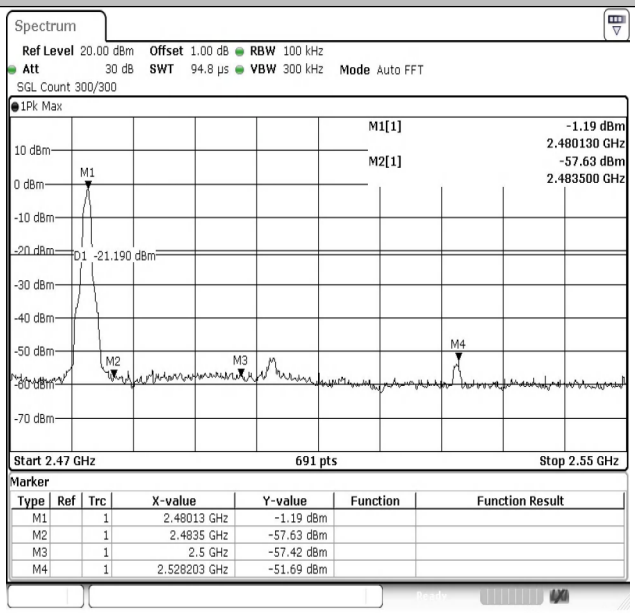
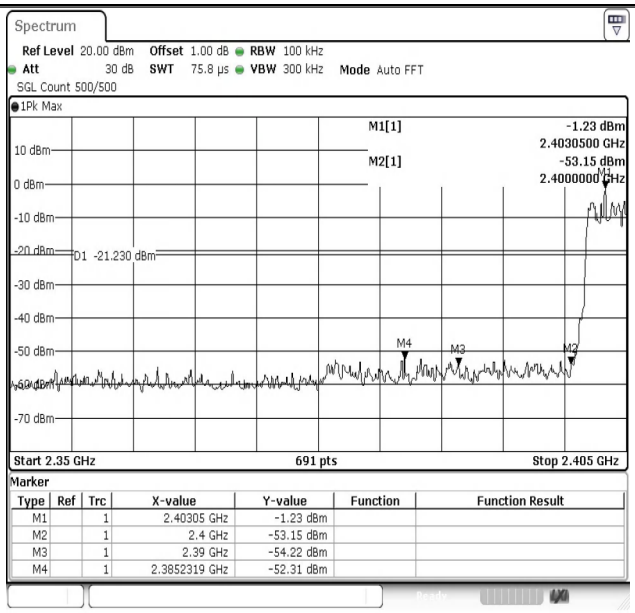


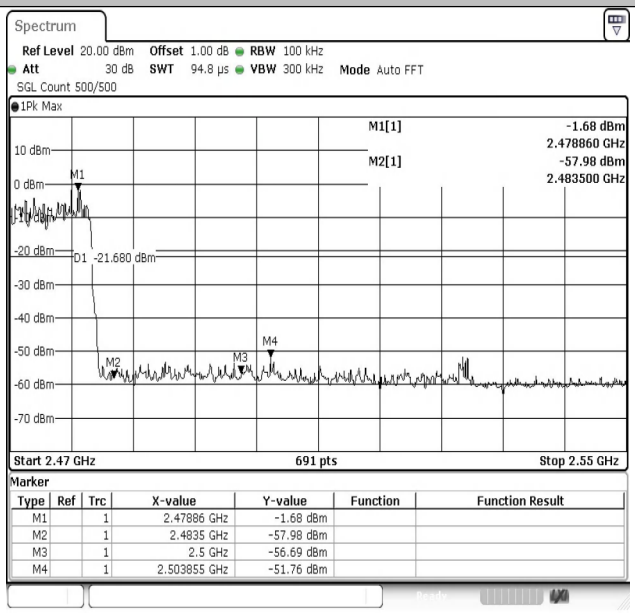

2DH5-Ant1-2402-PASS



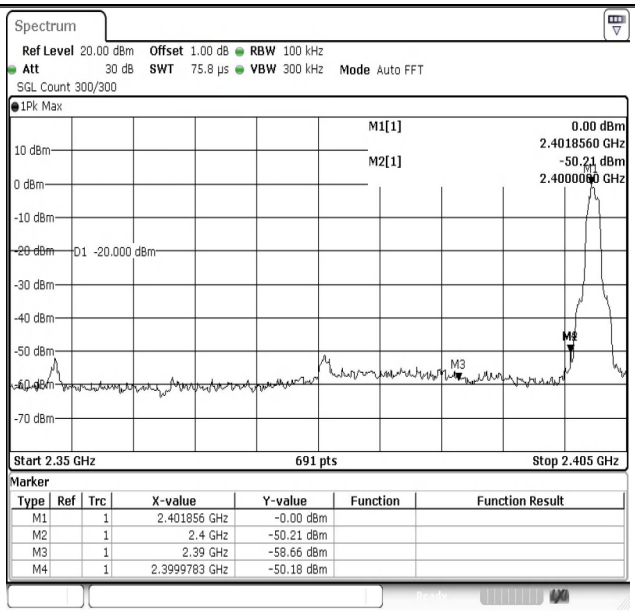

2DH5-Ant1-2480-PASS



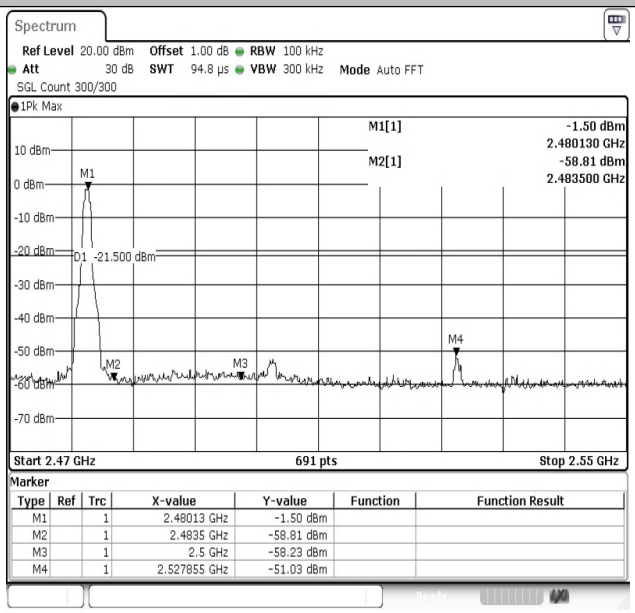

2DH5-Ant1-Hop_2402-PASS



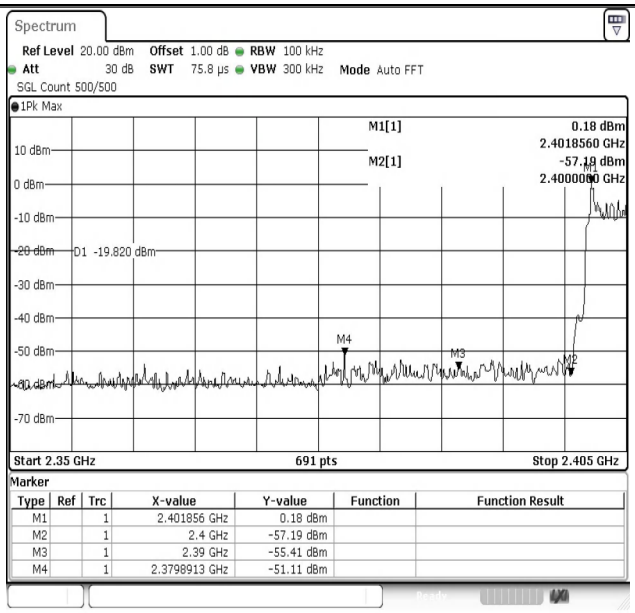

2DH5-Ant1-Hop_2480-PASS



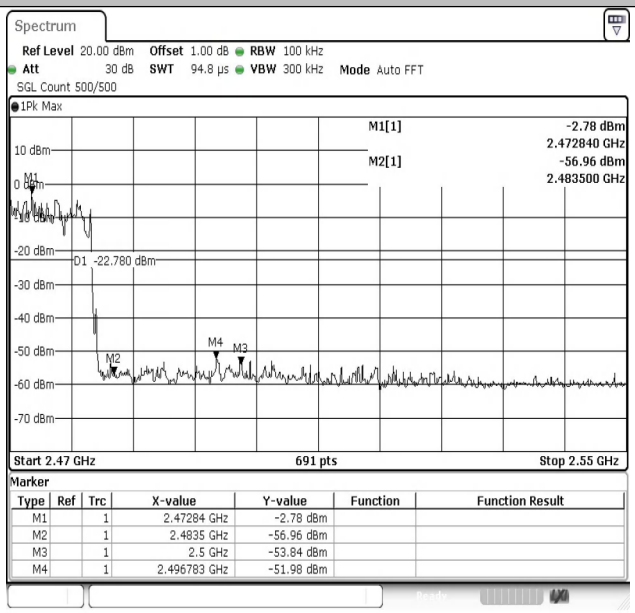

3DH5-Ant1-2402-PASS




3DH5-Ant1-2480-PASS




3DH5-Ant1-Hop_2402-PASS




3DH5-Ant1-Hop_2480-PASS

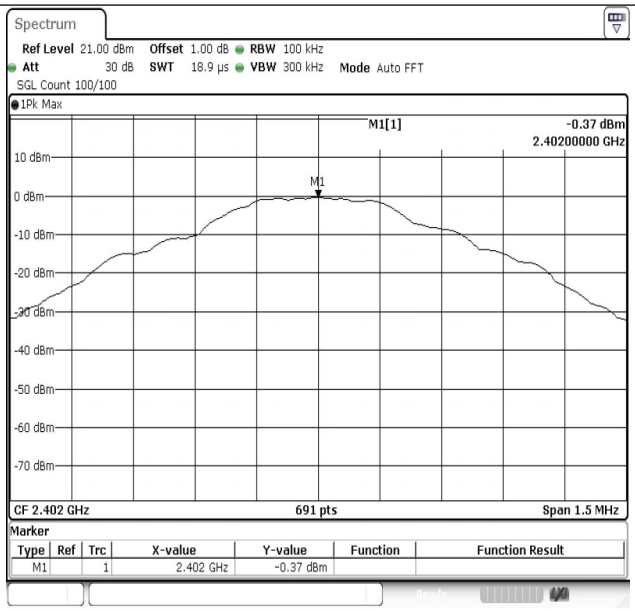
# Appendix H: Conducted Spurious Emission

## Test Result

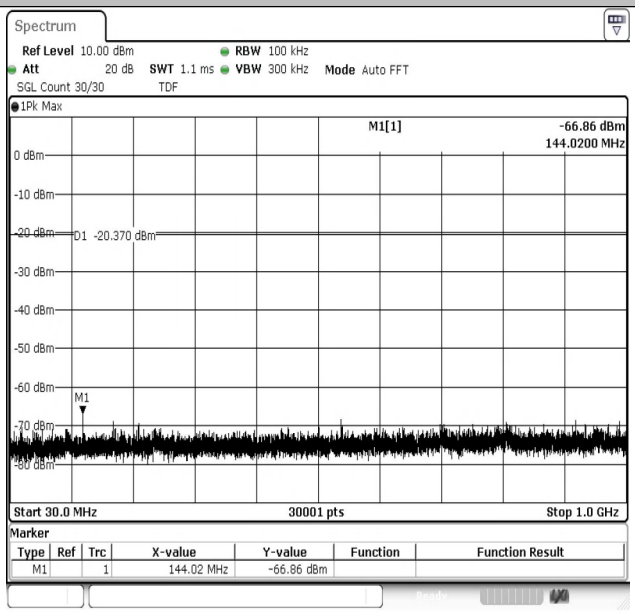
| Test Mode | Antenna | Frequency[MHz] | Freq. Range [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|
| DH5 | Ant1 | 2402 | 0~Reference | -0.37 | -0.37 | --- | PASS |
| DH5 | Ant1 | 2402 | 30~1000 | -0.37 | -66.86 | ≤-20.37 | PASS |
| DH5 | Ant1 | 2402 | 1000~26500 | -0.37 | -38.89 | ≤-20.37 | PASS |
| DH5 | Ant1 | 2441 | 0~Reference | -0.53 | -0.53 | --- | PASS |
| DH5 | Ant1 | 2441 | 30~1000 | -0.53 | -61.06 | ≤-20.53 | PASS |
| DH5 | Ant1 | 2441 | 1000~26500 | -0.53 | -39.41 | ≤-20.53 | PASS |
| DH5 | Ant1 | 2480 | 0~Reference | -1.44 | -1.44 | --- | PASS |
| DH5 | Ant1 | 2480 | 30~1000 | -1.44 | -61.28 | ≤-21.44 | PASS |
| DH5 | Ant1 | 2480 | 1000~26500 | -1.44 | -38.78 | ≤-21.44 | PASS |
| 2DH5 | Ant1 | 2402 | 0~Reference | 0.08 | 0.08 | --- | PASS |
| 2DH5 | Ant1 | 2402 | 30~1000 | 0.08 | -61.66 | ≤-19.92 | PASS |
| 2DH5 | Ant1 | 2402 | 1000~26500 | 0.08 | -41.07 | ≤-19.92 | PASS |
| 2DH5 | Ant1 | 2441 | 0~Reference | -1.55 | -1.55 | --- | PASS |
| 2DH5 | Ant1 | 2441 | 30~1000 | -1.55 | -68.03 | ≤-21.55 | PASS |
| 2DH5 | Ant1 | 2441 | 1000~26500 | -1.55 | -39.79 | ≤-21.55 | PASS |
| 2DH5 | Ant1 | 2480 | 0~Reference | -3.30 | -3.30 | --- | PASS |
| 2DH5 | Ant1 | 2480 | 30~1000 | -3.30 | -60.53 | ≤-23.3 | PASS |
| 2DH5 | Ant1 | 2480 | 1000~26500 | -3.30 | -41.99 | ≤-23.3 | PASS |
| 3DH5 | Ant1 | 2402 | 0~Reference | 0.11 | 0.11 | --- | PASS |
| 3DH5 | Ant1 | 2402 | 30~1000 | 0.11 | -66.85 | ≤-19.89 | PASS |
| 3DH5 | Ant1 | 2402 | 1000~26500 | 0.11 | -40.2 | ≤-19.89 | PASS |
| 3DH5 | Ant1 | 2441 | 0~Reference | -0.26 | -0.26 | --- | PASS |
| 3DH5 | Ant1 | 2441 | 30~1000 | -0.26 | -64.4 | ≤-20.26 | PASS |
| 3DH5 | Ant1 | 2441 | 1000~26500 | -0.26 | -39.69 | ≤-20.26 | PASS |
| 3DH5 | Ant1 | 2480 | 0~Reference | -1.64 | -1.64 | --- | PASS |
| 3DH5 | Ant1 | 2480 | 30~1000 | -1.64 | -59.95 | ≤-21.64 | PASS |
| 3DH5 | Ant1 | 2480 | 1000~26500 | -1.64 | -42.31 | ≤-21.64 | 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.

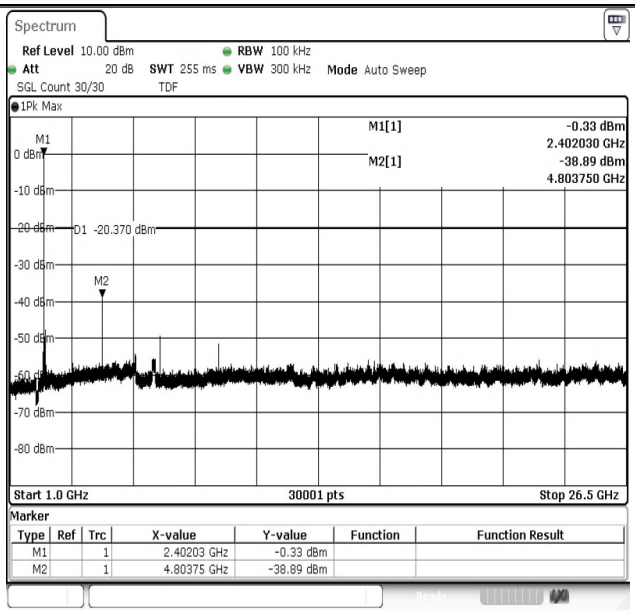
## Test Graphs



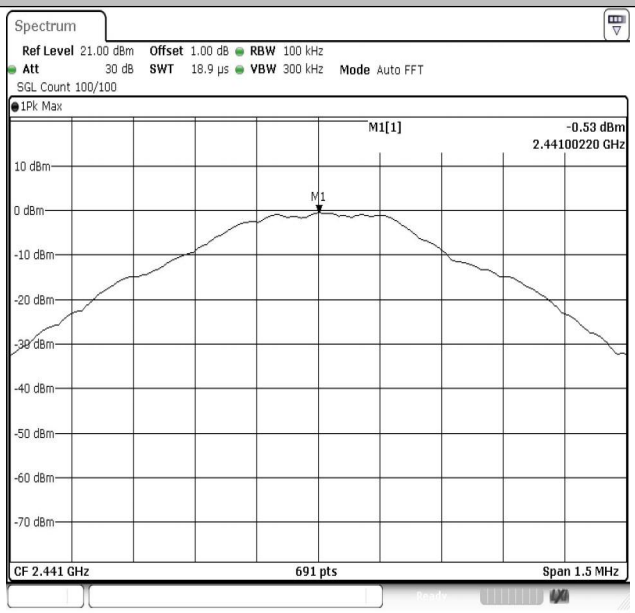

DH5-Ant1-2402-0~Reference-PASS



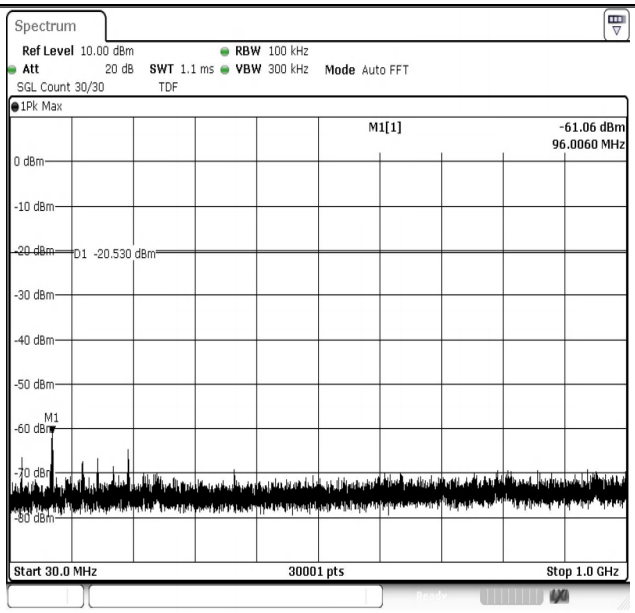

DH5-Ant1-2402-30~1000-PASS



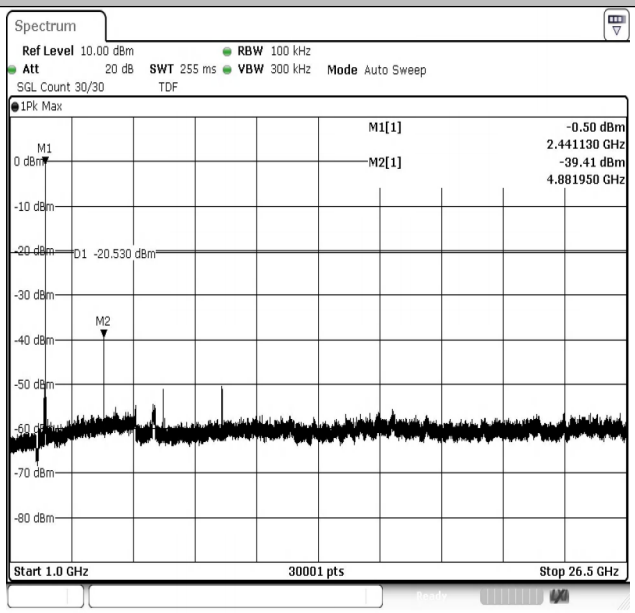

DH5-Ant1-2402-1000~26500-PASS



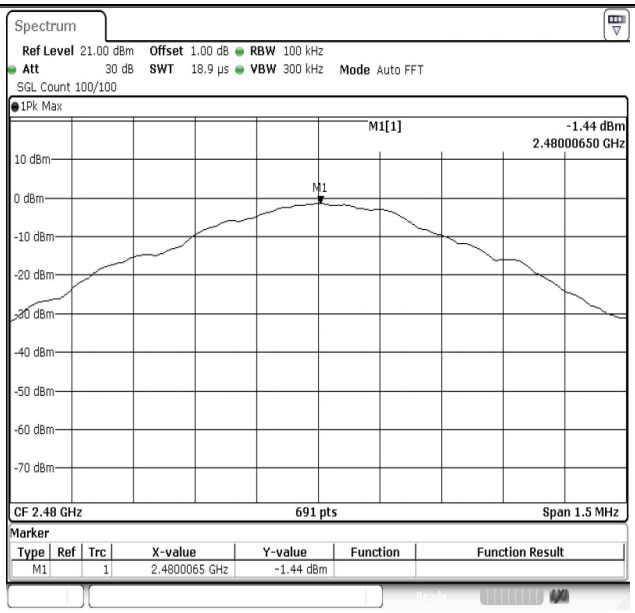

DH5-Ant1-2441-0~Reference-PASS



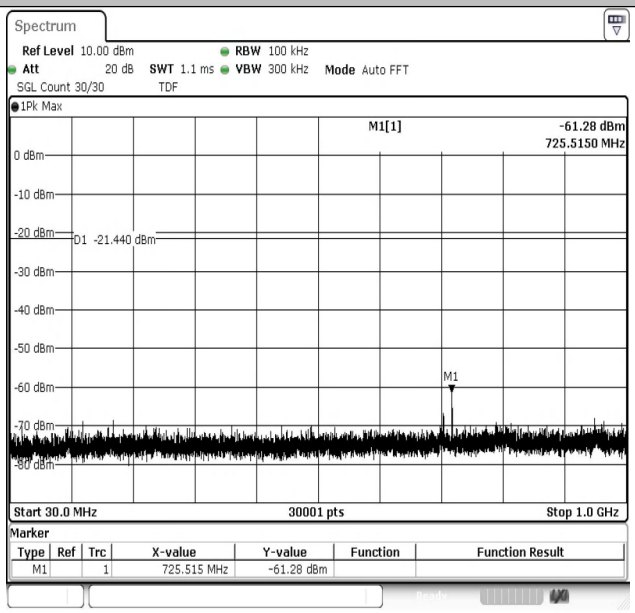

DH5-Ant1-2441-30~1000-PASS



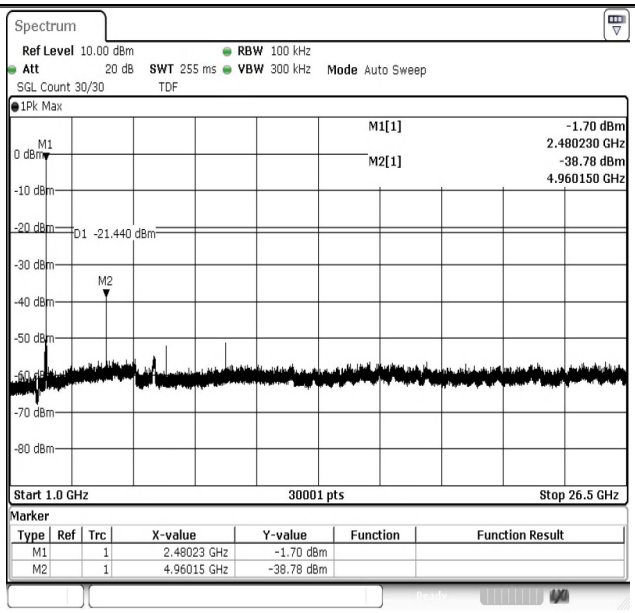

DH5-Ant1-2441-1000~26500-PASS



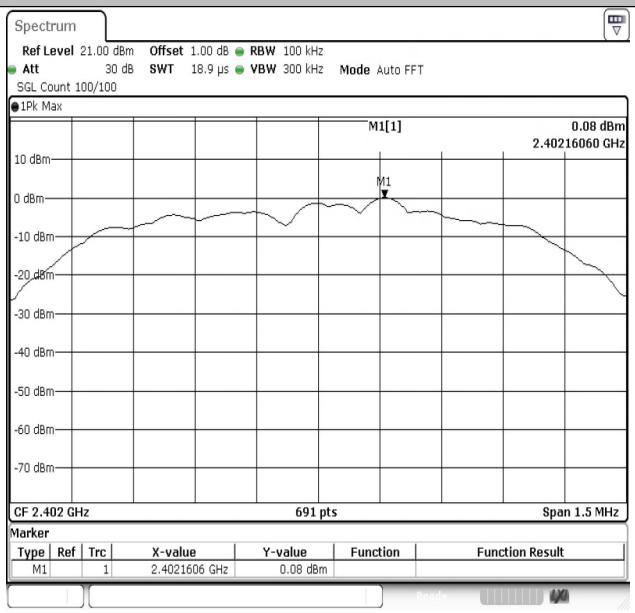

DH5-Ant1-2480-0~Reference-PASS



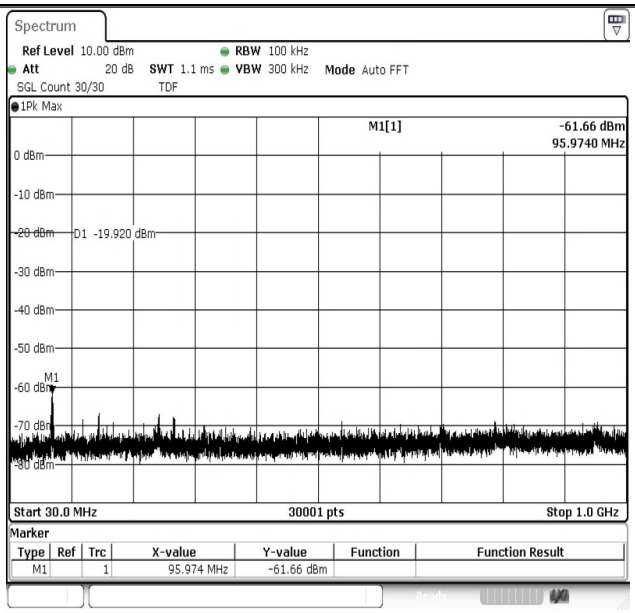

DH5-Ant1-2480-30~1000-PASS



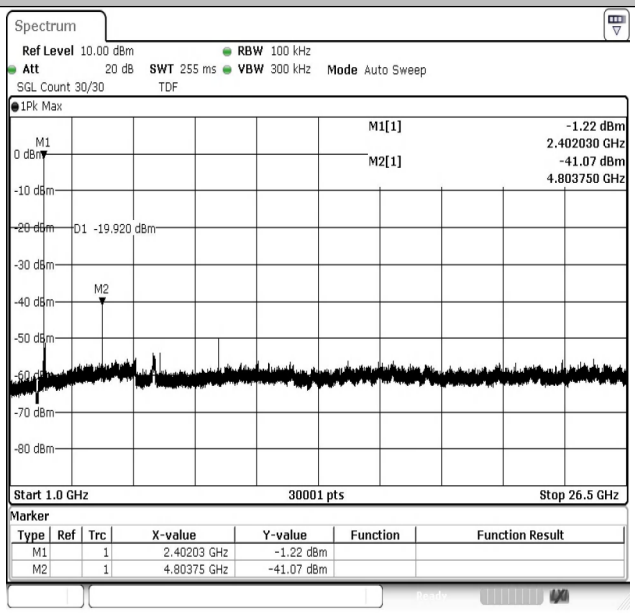

DH5-Ant1-2480-1000~26500-PASS



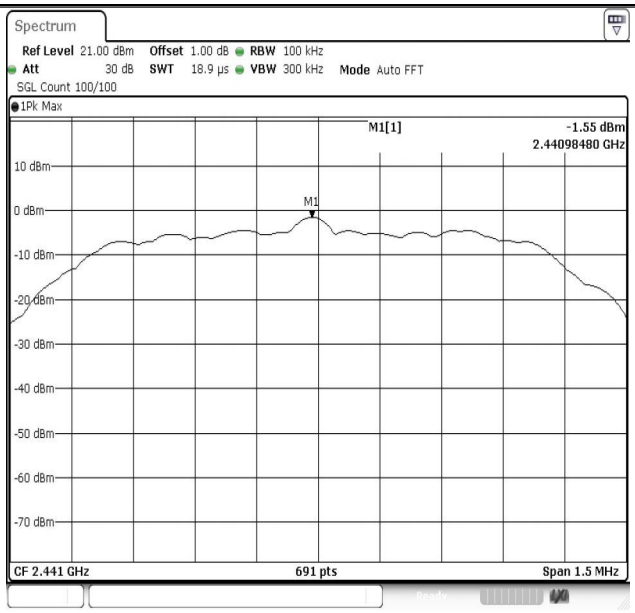

2DH5-Ant1-2402-0~Reference-PASS



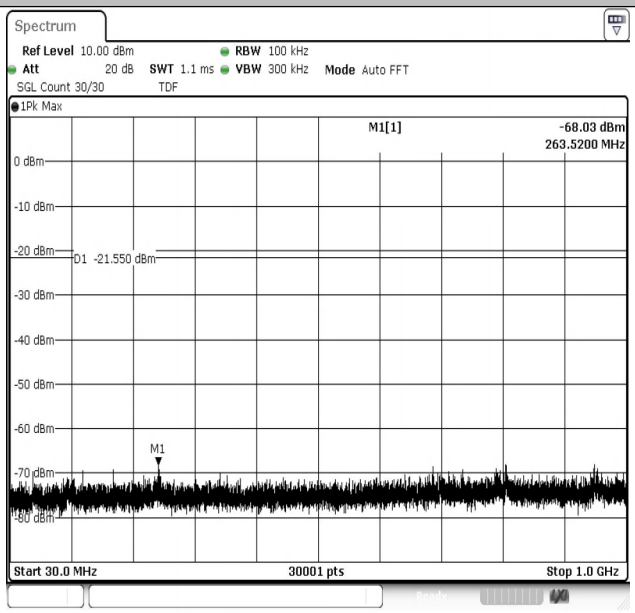

2DH5-Ant1-2402-30~1000-PASS



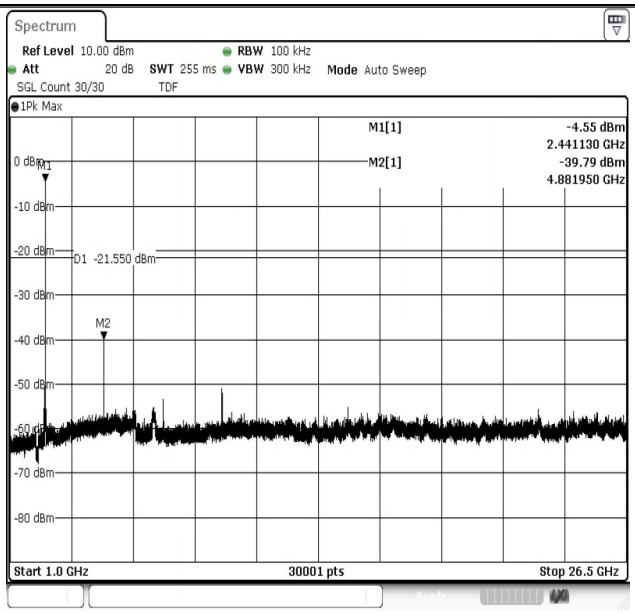

2DH5-Ant1-2402-1000~26500-PASS



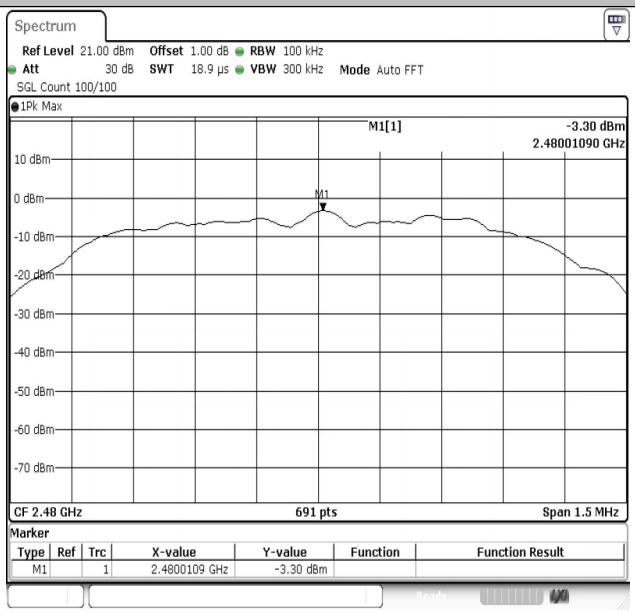

2DH5-Ant1-2441-0~Reference-PASS



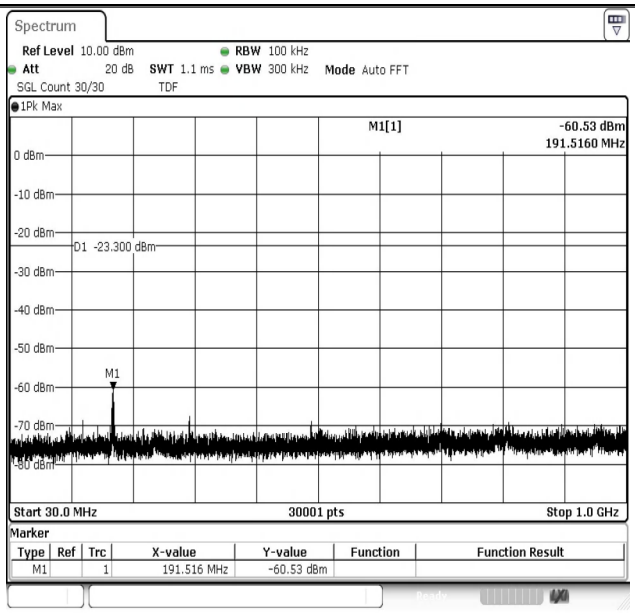

2DH5-Ant1-2441-30~1000-PASS



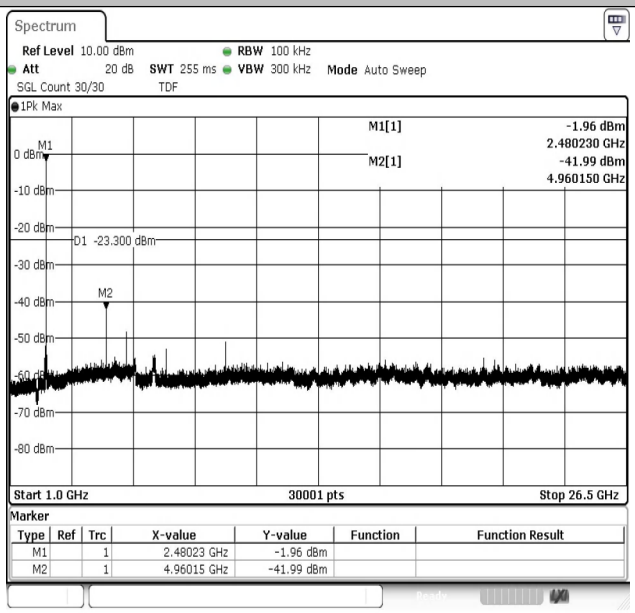

2DH5-Ant1-2441-1000~26500-PASS



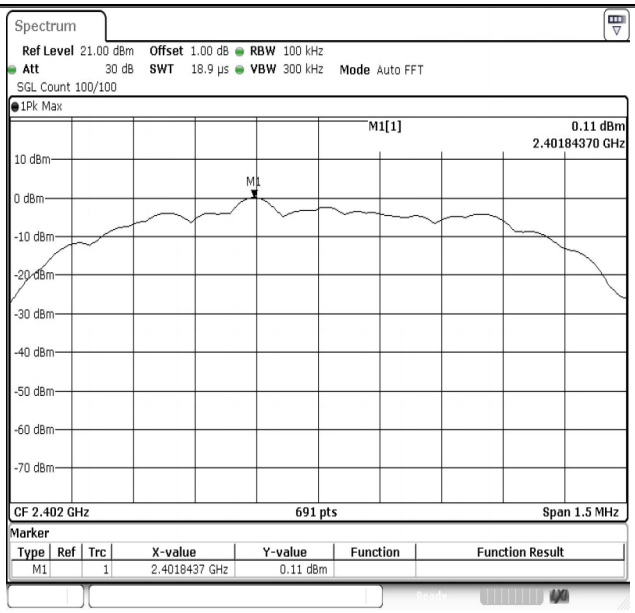

2DH5-Ant1-2480-0~Reference-PASS



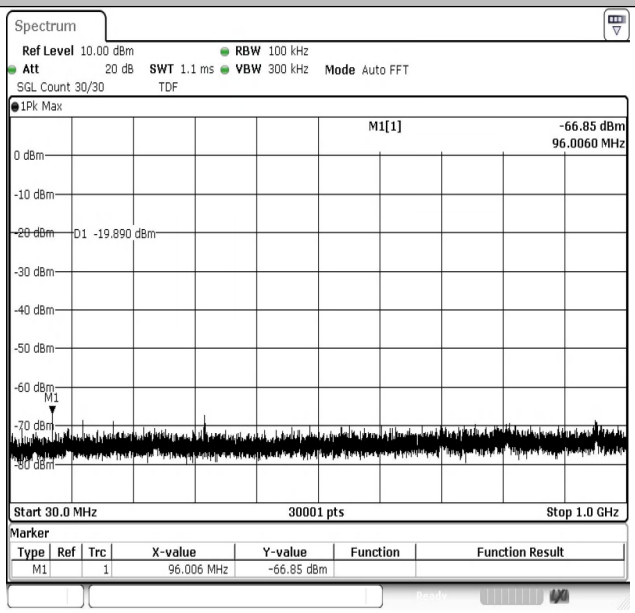

2DH5-Ant1-2480-30~1000-PASS



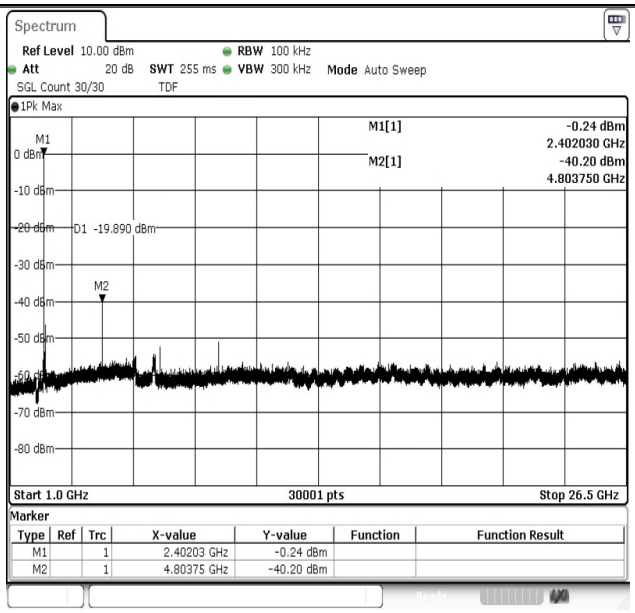

2DH5-Ant1-2480-1000~26500-PASS



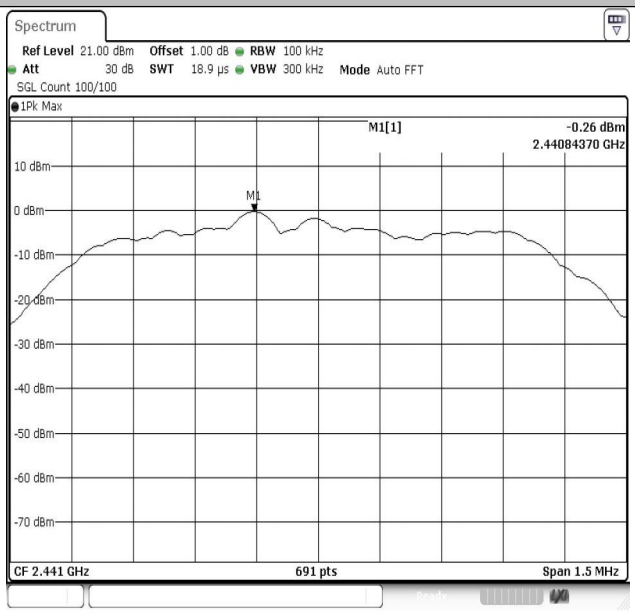

3DH5-Ant1-2402-0~Reference-PASS



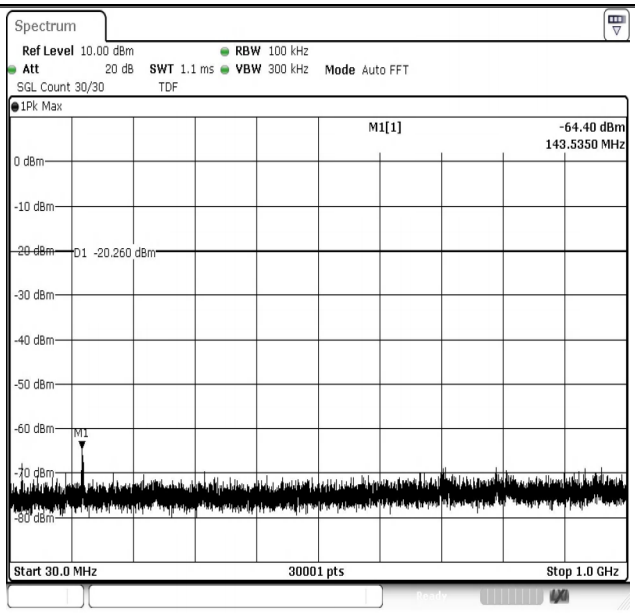

3DH5-Ant1-2402-30~1000-PASS



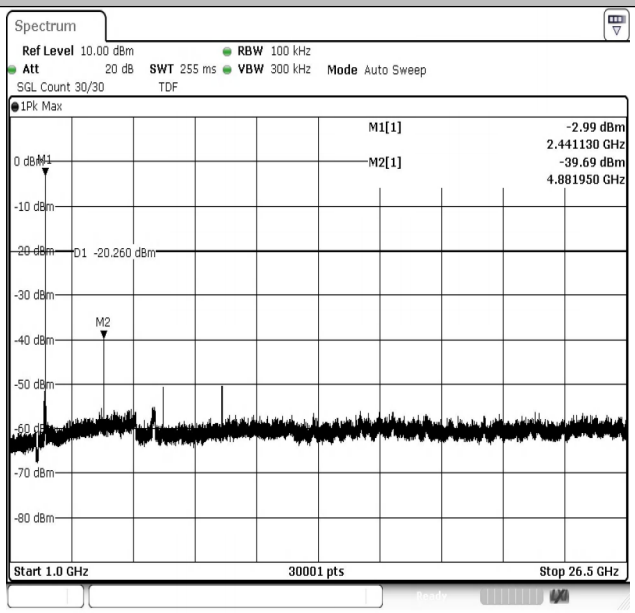

3DH5-Ant1-2402-1000~26500-PASS



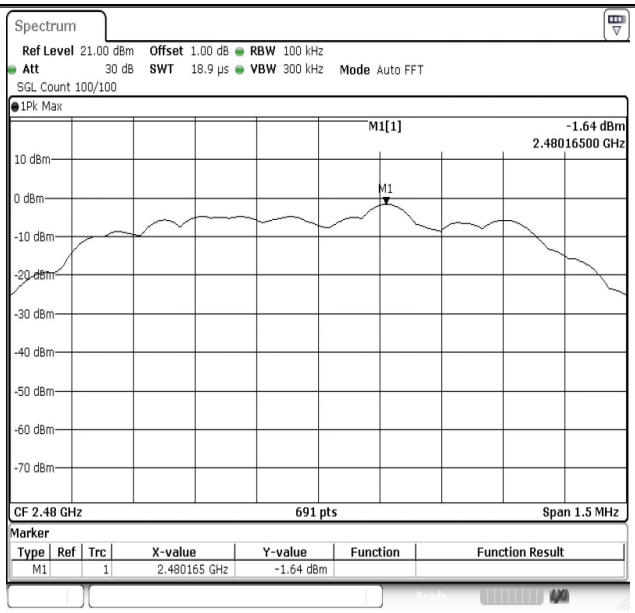

3DH5-Ant1-2441-0~Reference-PASS



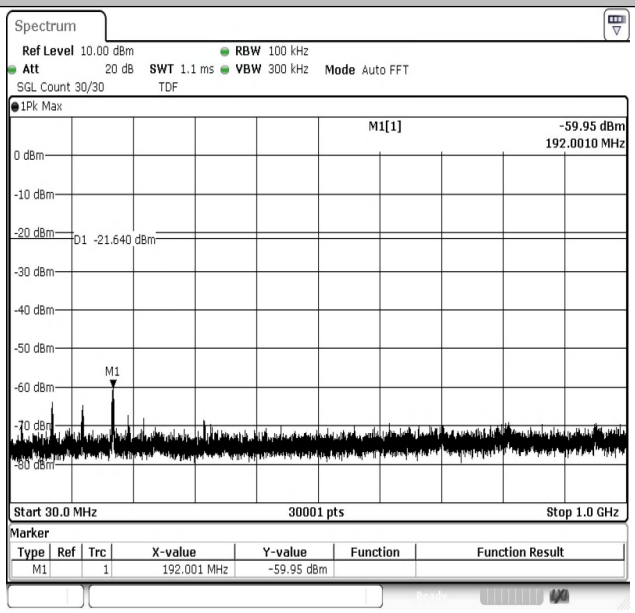

3DH5-Ant1-2441-30~1000-PASS



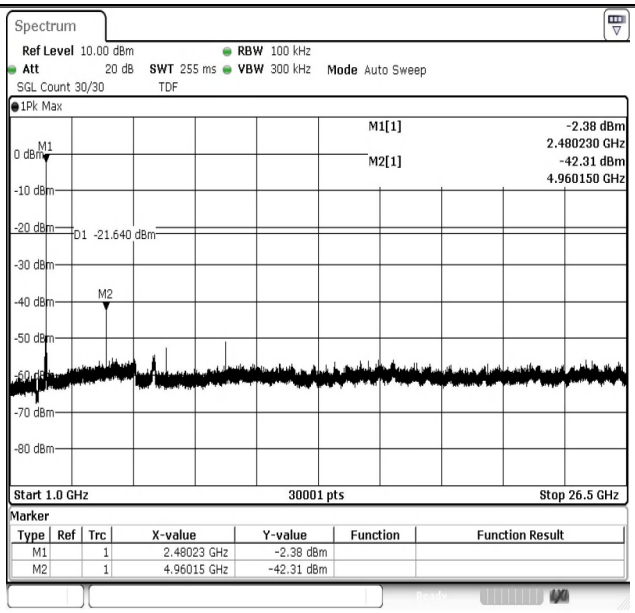

3DH5-Ant1-2441-1000~26500-PASS




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




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



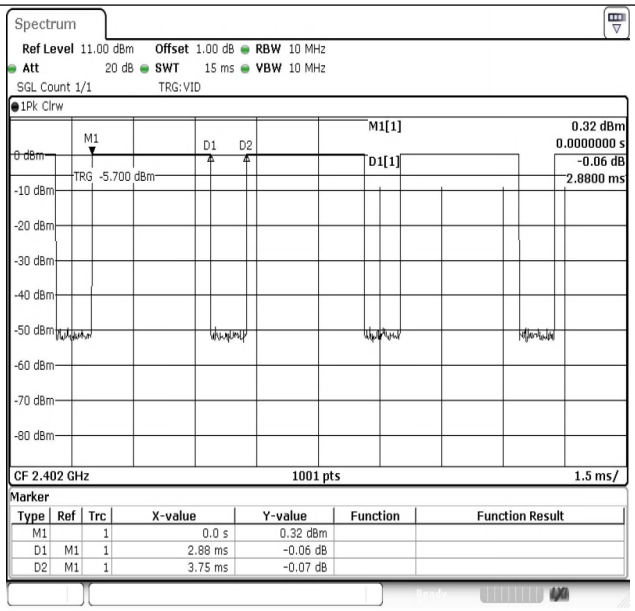

3DH5-Ant1-2480-1000~26500-PASS

# Appendix I: Duty Cycle

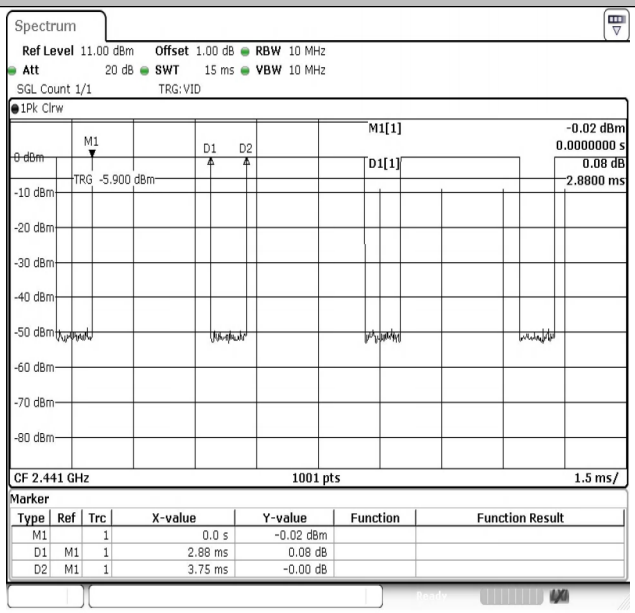
## Test Result

| 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 | 3.75 | 76.80 | 1.15 |
| DH5 | Ant1 | 2480 | 2.88 | 3.75 | 76.80 | 1.15 |
| 2DH5 | Ant1 | 2402 | 2.88 | 3.75 | 76.80 | 1.15 |
| 2DH5 | Ant1 | 2441 | 2.88 | 3.75 | 76.80 | 1.15 |
| 2DH5 | Ant1 | 2480 | 2.88 | 3.75 | 76.80 | 1.15 |
| 3DH5 | Ant1 | 2402 | 2.88 | 3.75 | 76.80 | 1.15 |
| 3DH5 | Ant1 | 2441 | 2.88 | 3.75 | 76.80 | 1.15 |
| 3DH5 | Ant1 | 2480 | 2.88 | 3.75 | 76.80 | 1.15 |

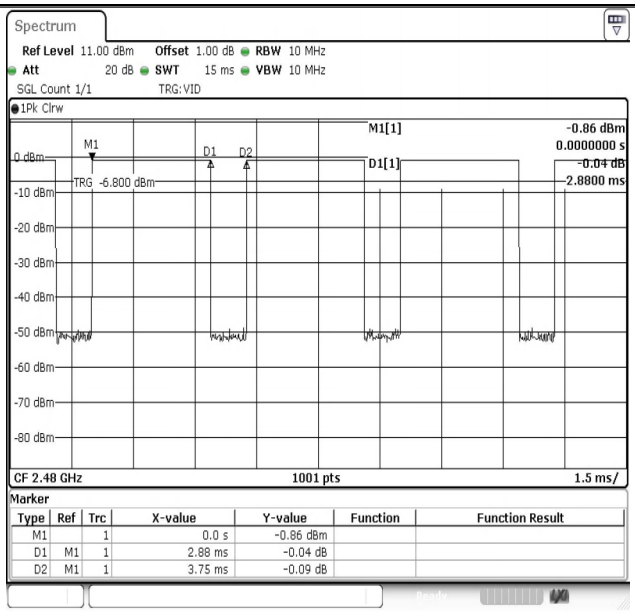
## Test Graphs



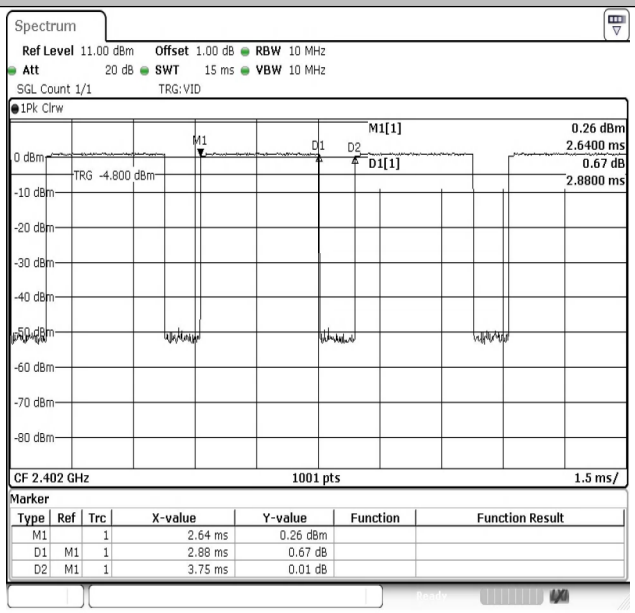

NTNV-DH5-Ant1-2402



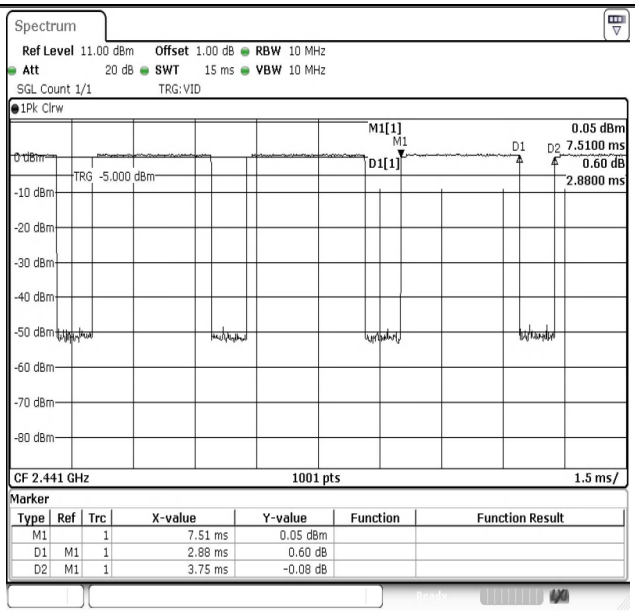

NTNV-DH5-Ant1-2441



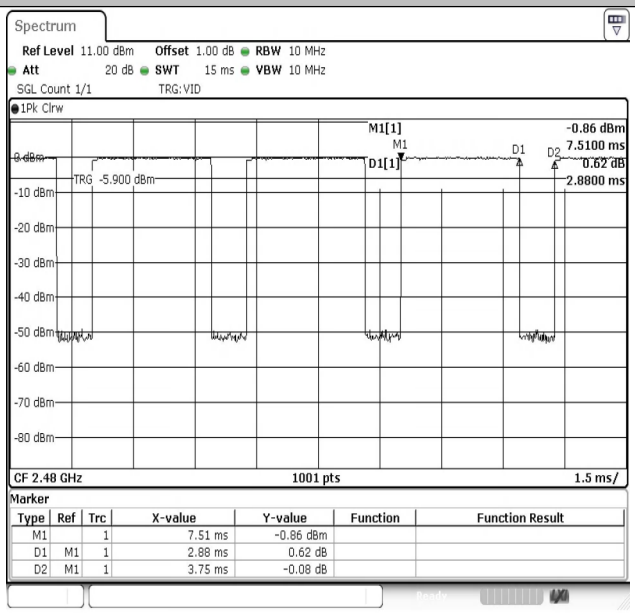

NTNV-DH5-Ant1-2480



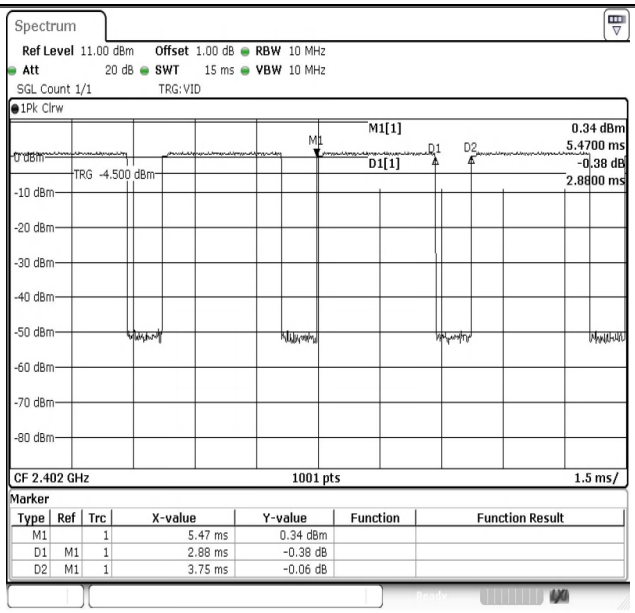

NTNV-2DH5-Ant1-2402



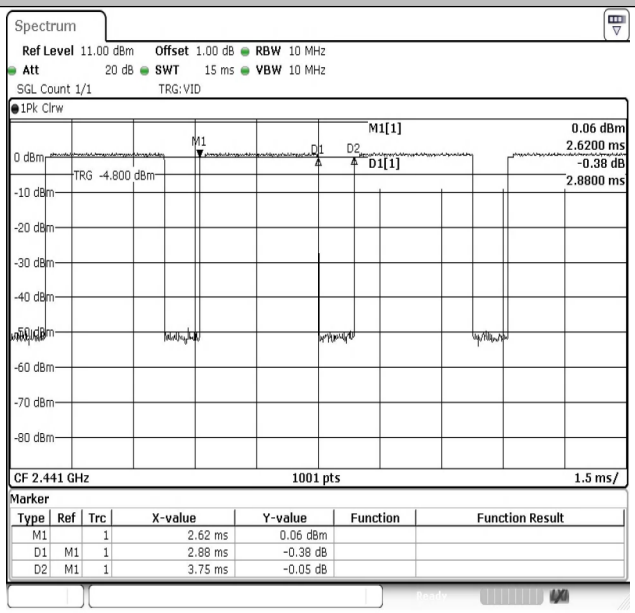

NTNV-2DH5-Ant1-2441



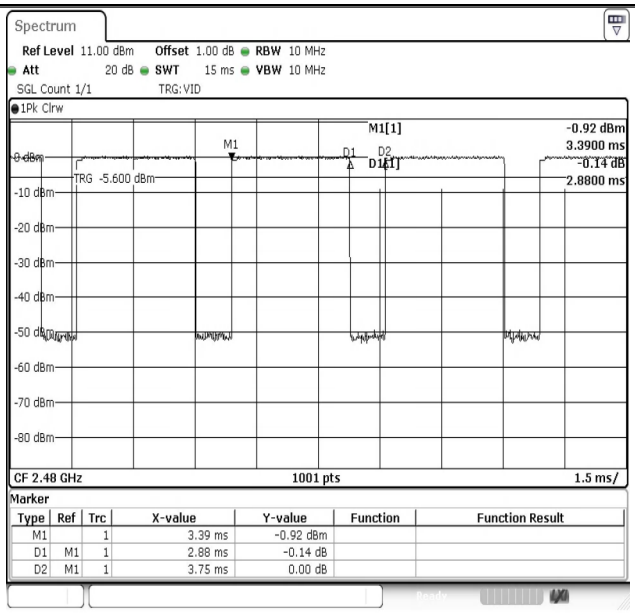

NTNV-2DH5-Ant1-2480




NTNV-3DH5-Ant1-2402




NTNV-3DH5-Ant1-2441




NTNV-3DH5-Ant1-2480

---End---