

Appendix: BT Classic

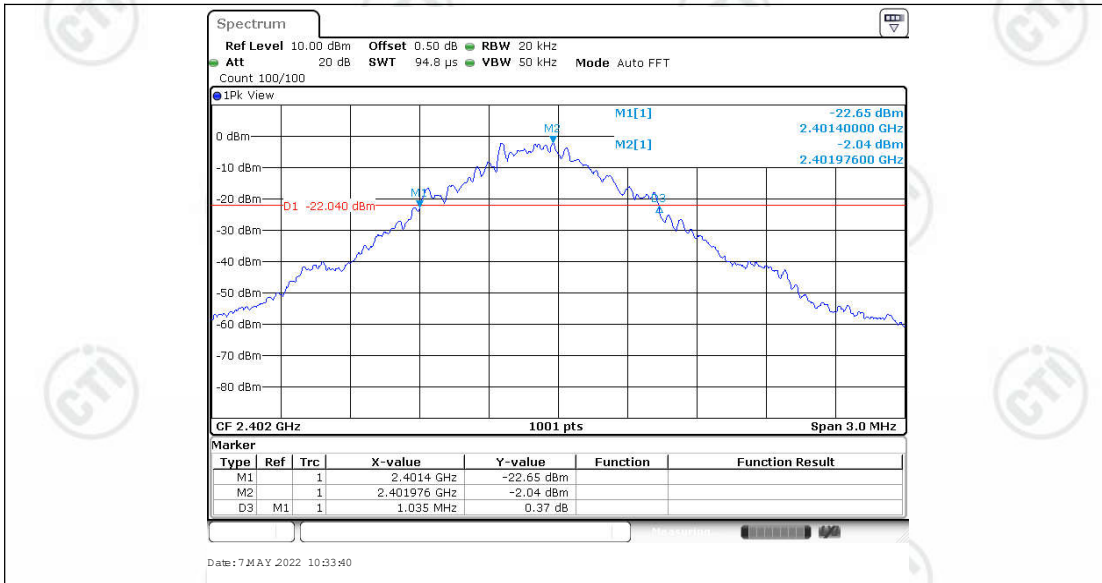
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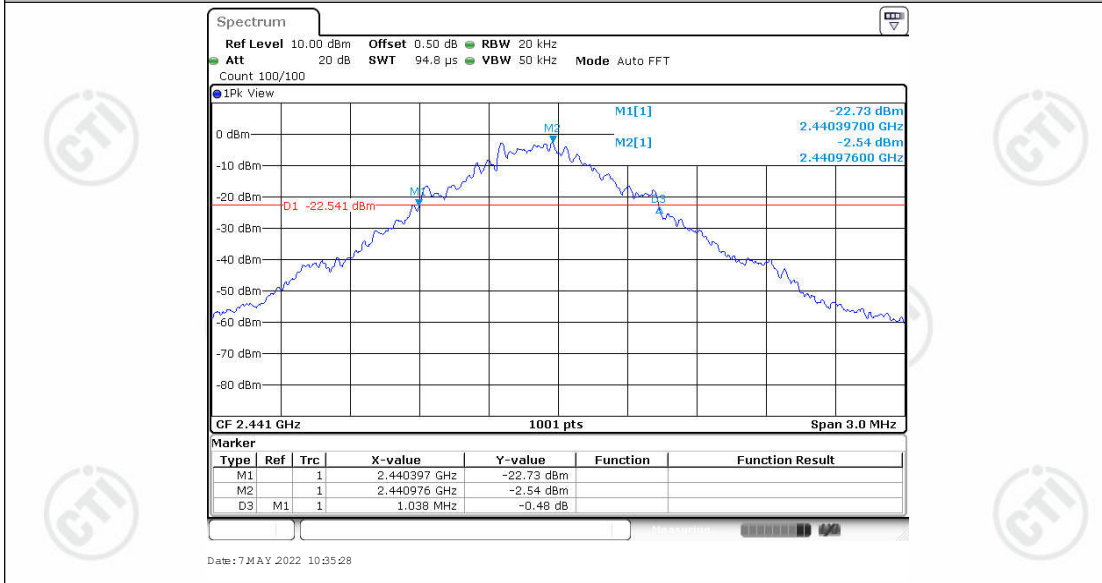
Appendix A: 20dB Emission Bandwidth**Test Result**

| Test Mode | Antenna | Channel | 20db EBW[MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|------------------|----------|----------|------------|---------|
| DH5 | Ant1 | 2402 | 1.035 | 2401.400 | 2402.435 | --- | PASS |
| | | 2441 | 1.038 | 2440.397 | 2441.435 | --- | PASS |
| | | 2480 | 1.068 | 2479.367 | 2480.435 | --- | PASS |
| 2DH5 | Ant1 | 2402 | 1.335 | 2401.250 | 2402.585 | --- | PASS |
| | | 2441 | 1.356 | 2440.244 | 2441.600 | --- | PASS |
| | | 2480 | 1.338 | 2479.247 | 2480.585 | --- | PASS |

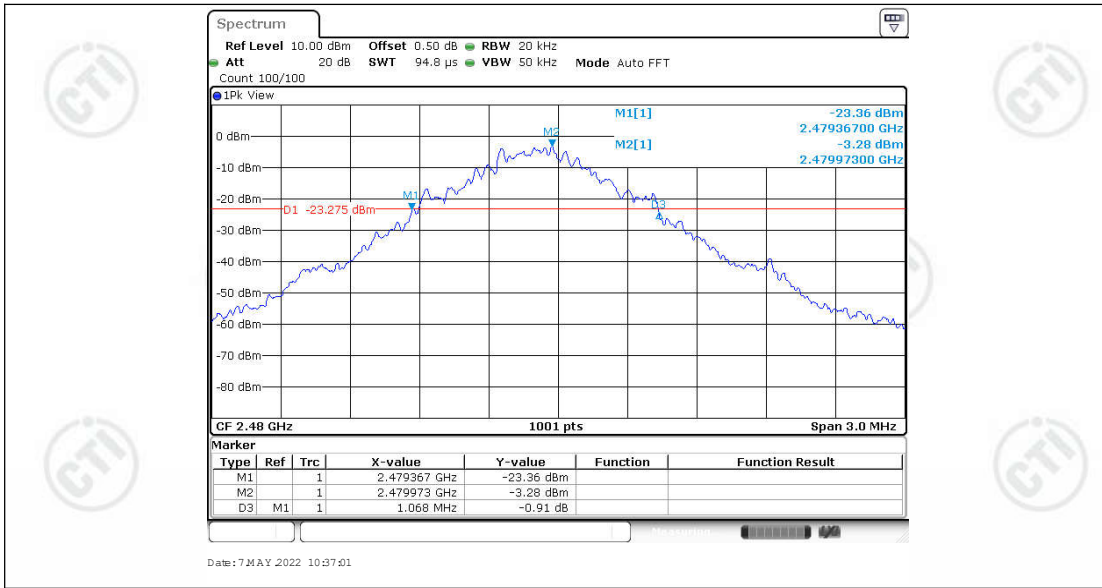
Test Graphs



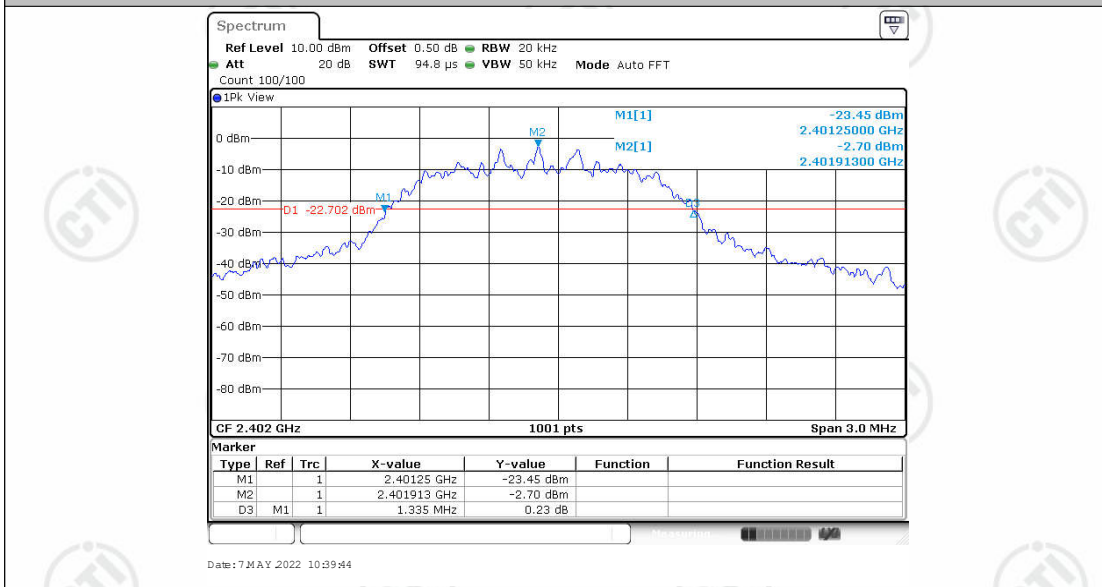
DH5_Ant1_2402



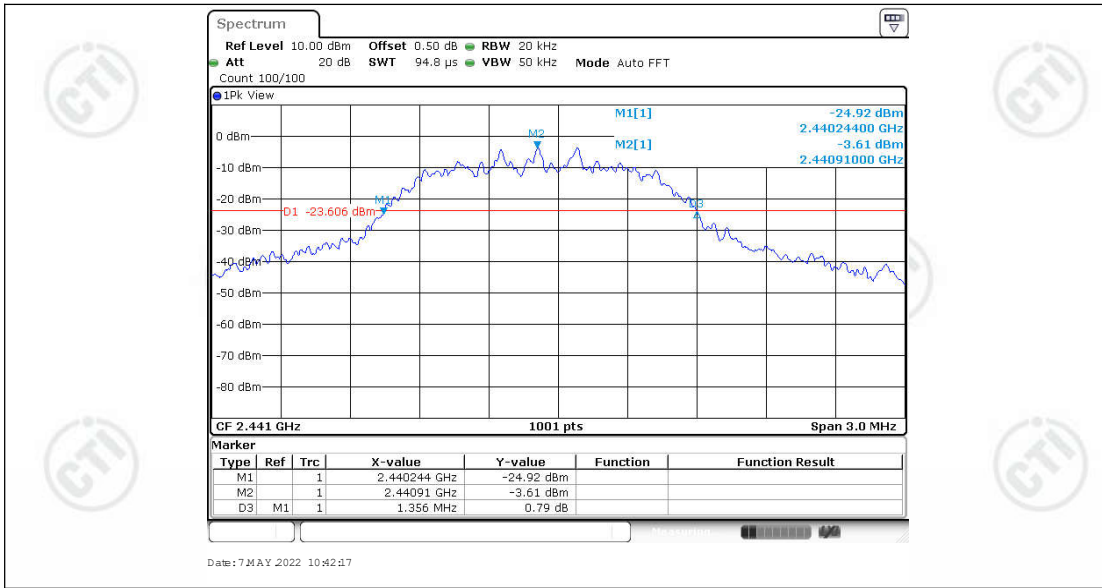
DH5_Ant1_2441



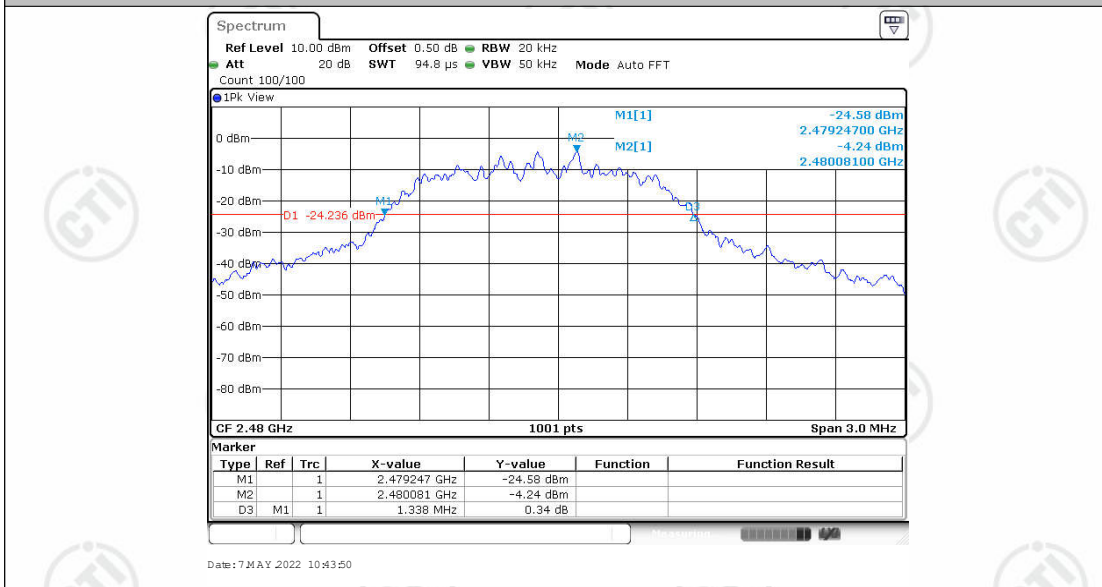
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441

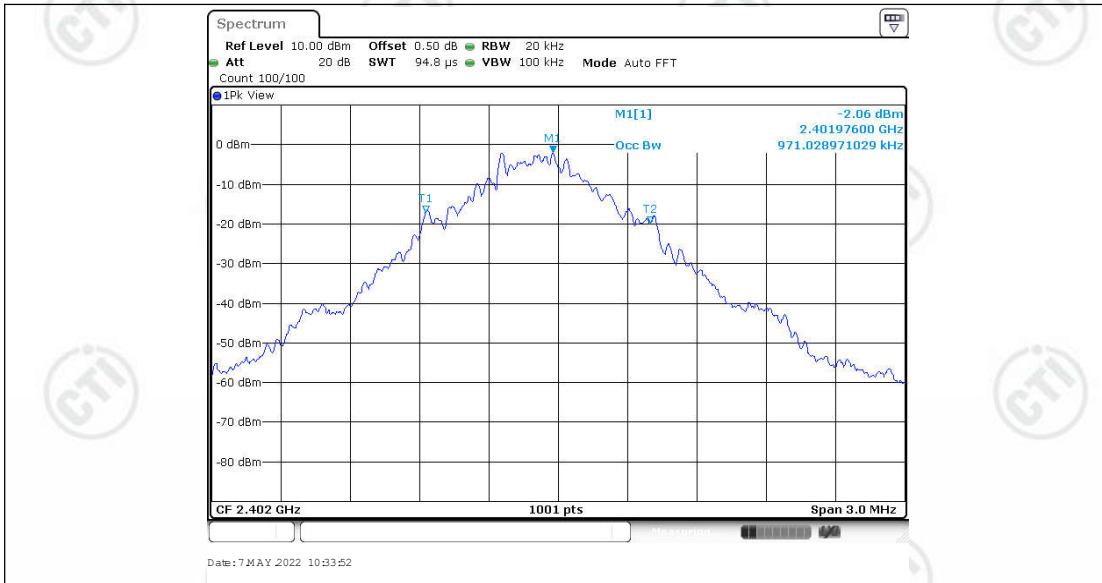


2DH5_Ant1_2480

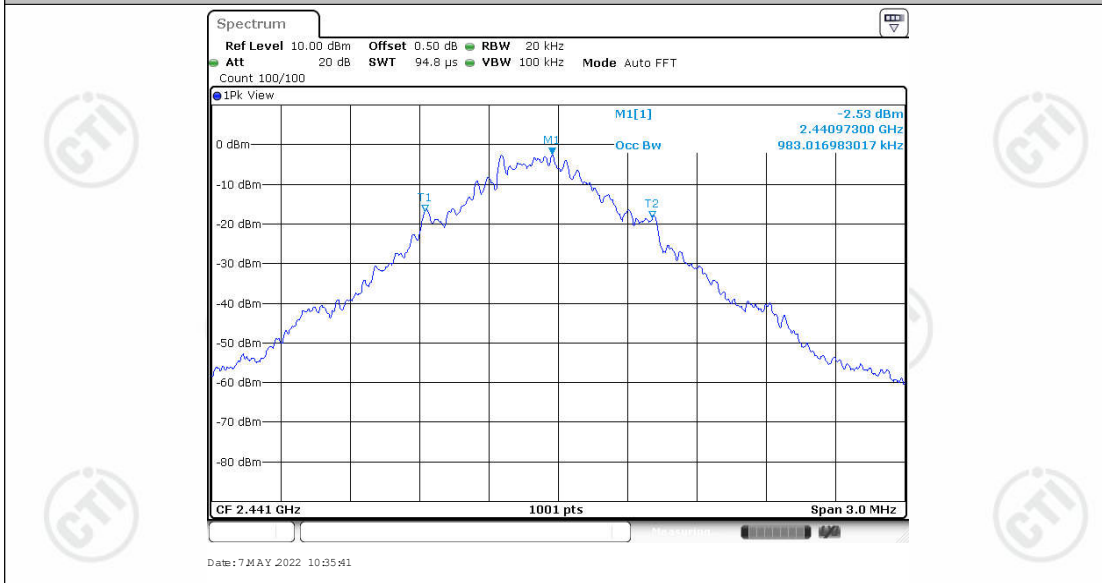
Appendix B: Occupied Channel Bandwidth**Test Result**

| Test Mode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| DH5 | Ant1 | 2402 | 0.971 | 2401.428 | 2402.399 | --- | PASS |
| | | 2441 | 0.983 | 2440.422 | 2441.405 | --- | PASS |
| | | 2480 | 0.986 | 2479.419 | 2480.405 | --- | PASS |
| 2DH5 | Ant1 | 2402 | 1.241 | 2401.305 | 2402.545 | --- | PASS |
| | | 2441 | 1.262 | 2440.293 | 2441.554 | --- | PASS |
| | | 2480 | 1.253 | 2479.296 | 2480.548 | --- | PASS |

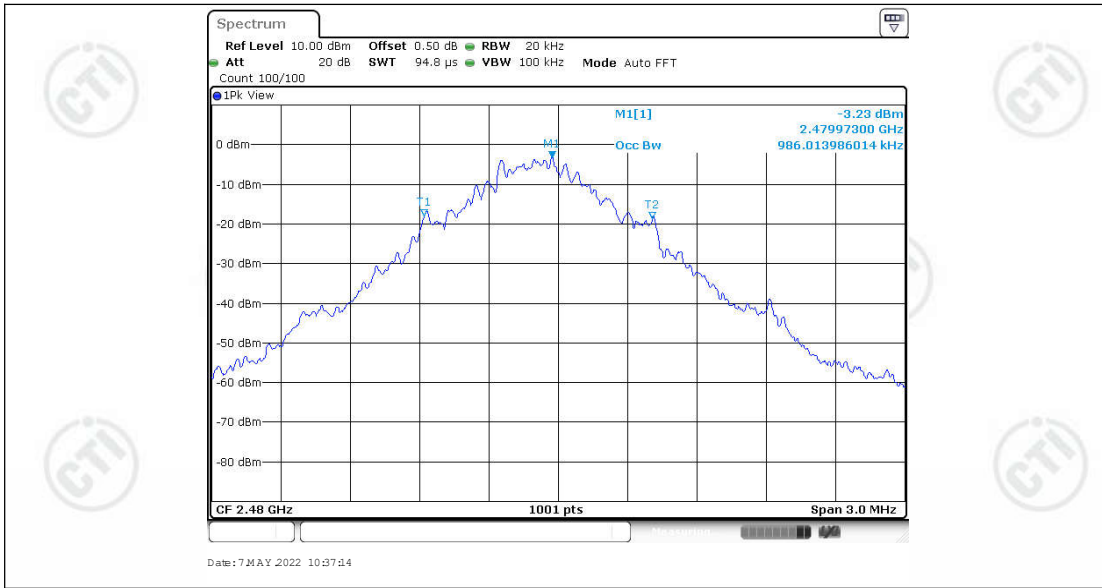
Test Graphs



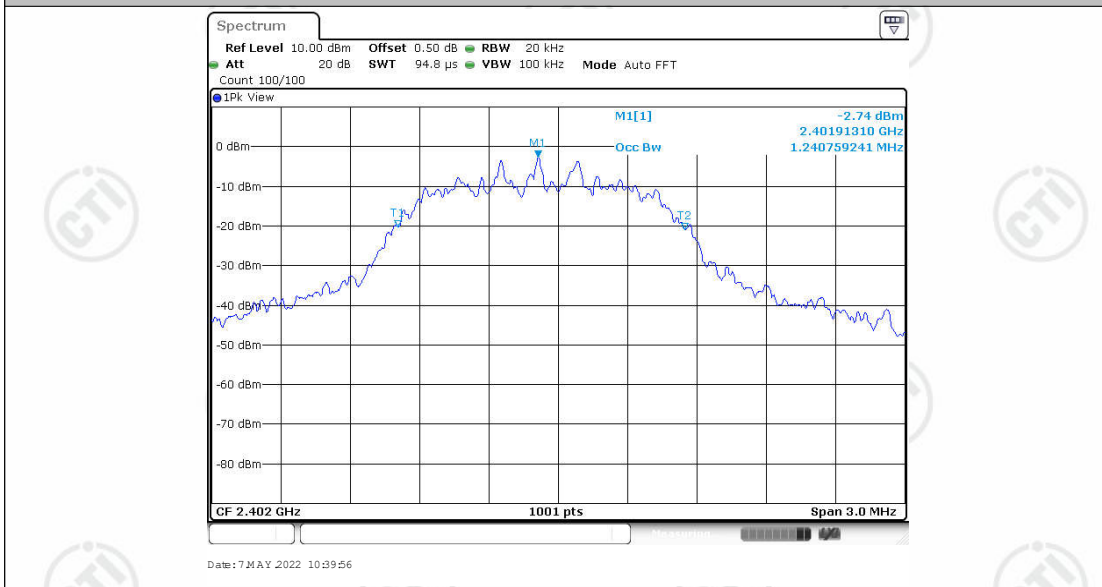
DH5_Ant1_2402



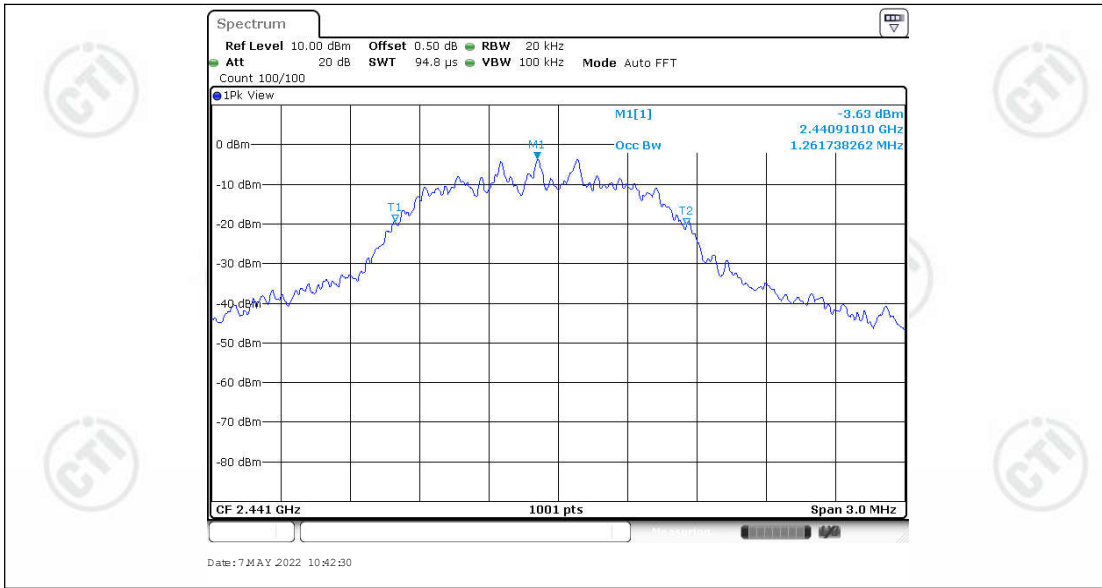
DH5_Ant1_2441



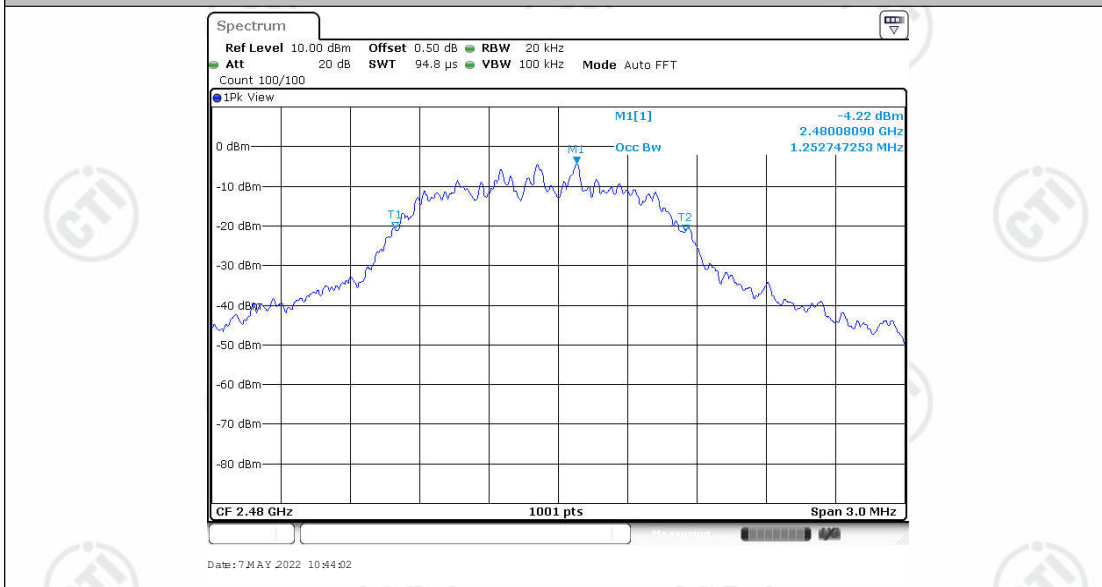
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441

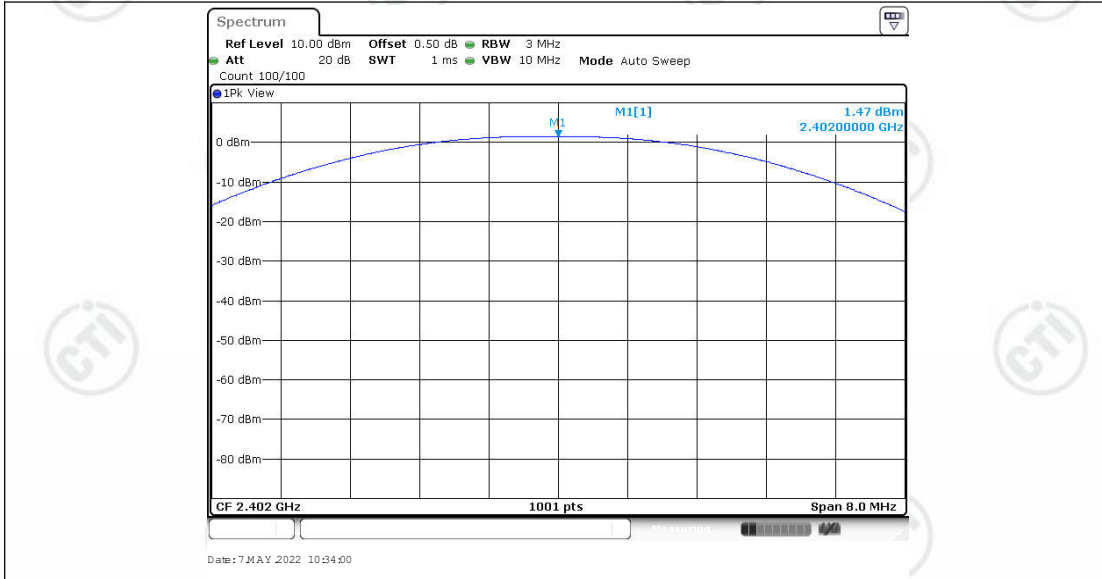


2DH5_Ant1_2480

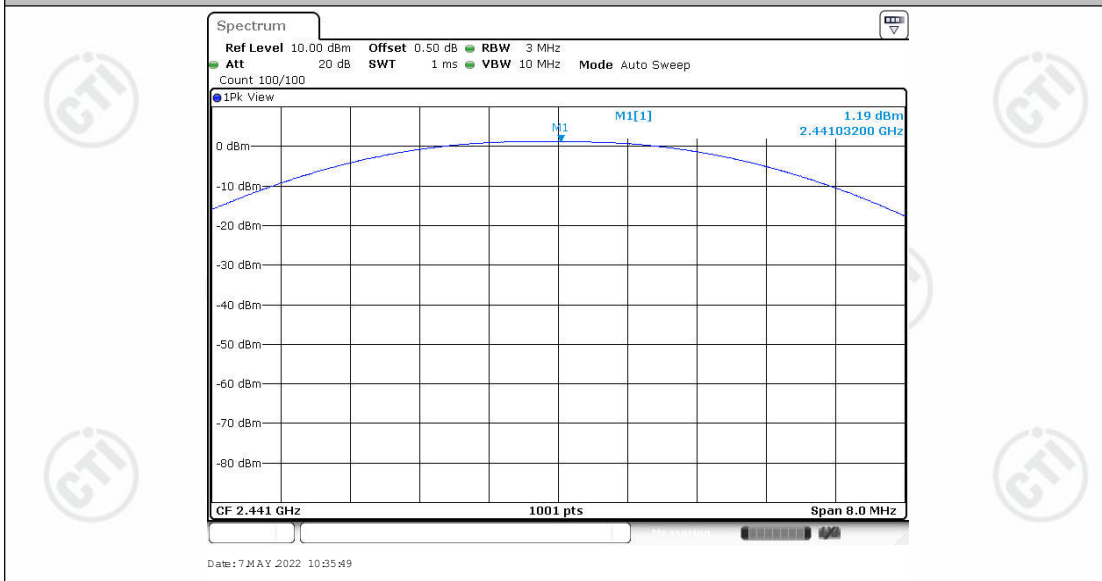
Appendix C: Maximum conducted output power**Test Result**

| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| DH5 | Ant1 | 2402 | 1.47 | <=20.97 | PASS |
| | | 2441 | 1.19 | <=20.97 | PASS |
| | | 2480 | 0.47 | <=20.97 | PASS |
| 2DH5 | Ant1 | 2402 | 2.13 | <=20.97 | PASS |
| | | 2441 | 1.89 | <=20.97 | PASS |
| | | 2480 | 1.24 | <=20.97 | PASS |

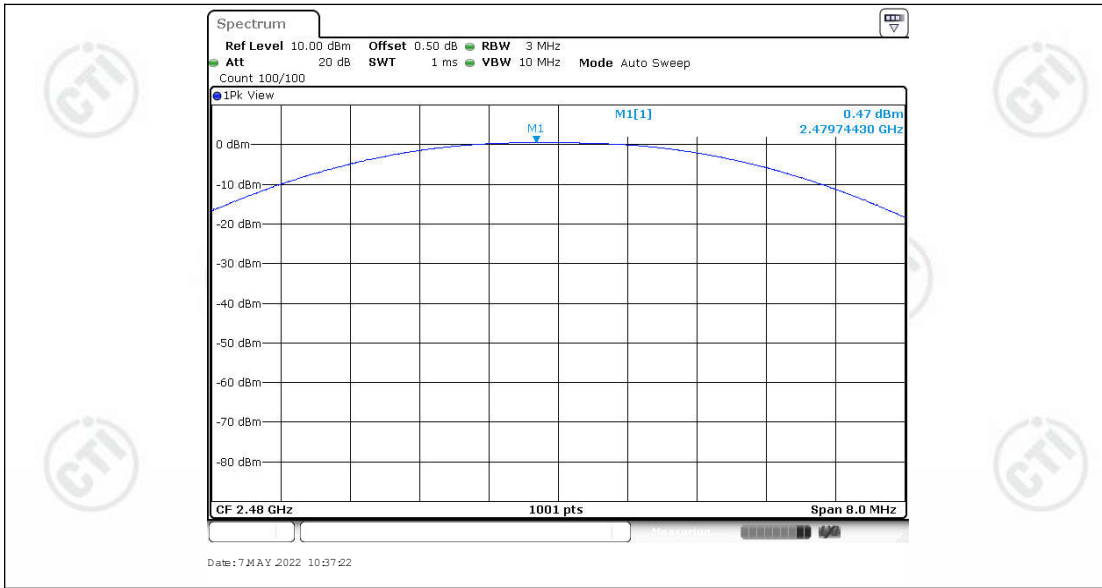
Test Graphs



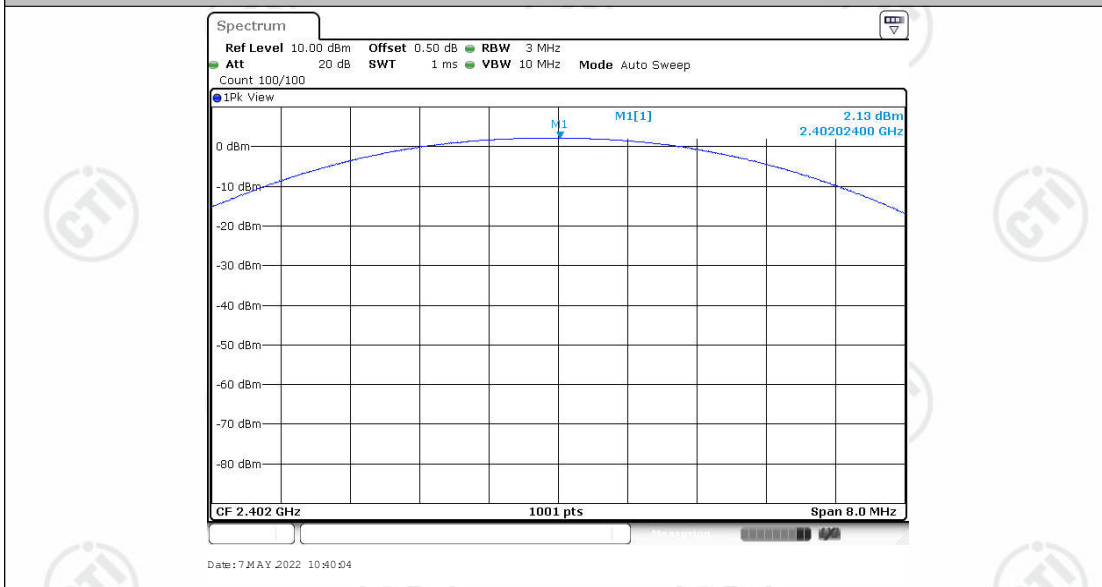
DH5_Ant1_2402



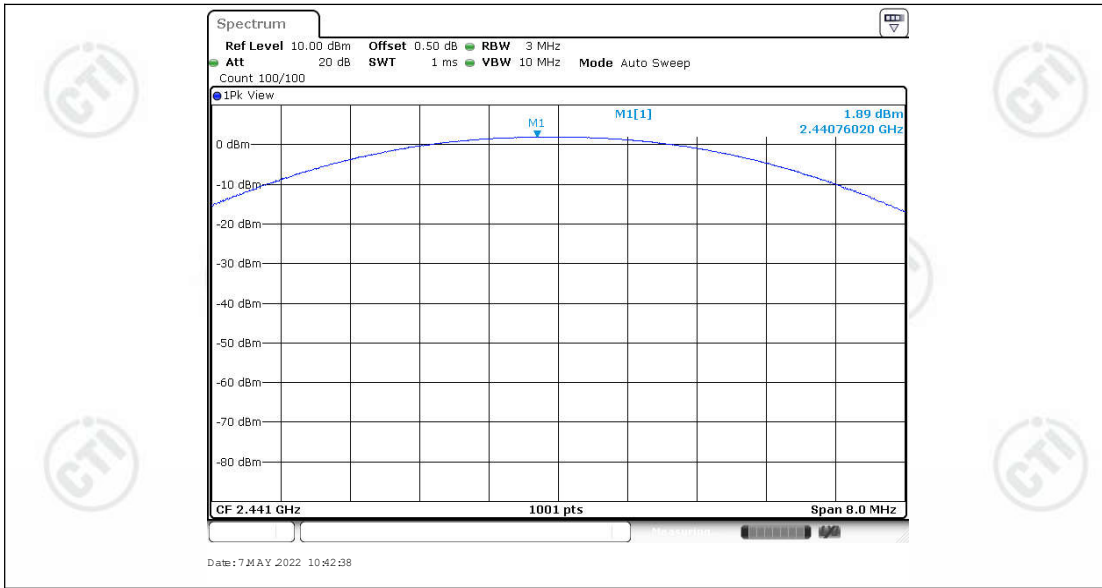
DH5_Ant1_2441



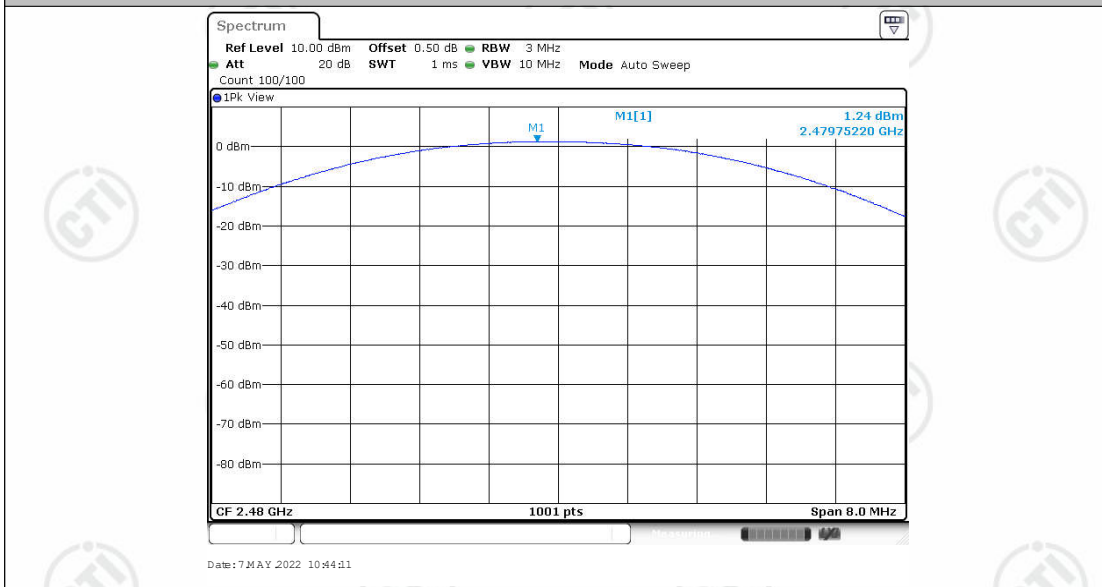
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



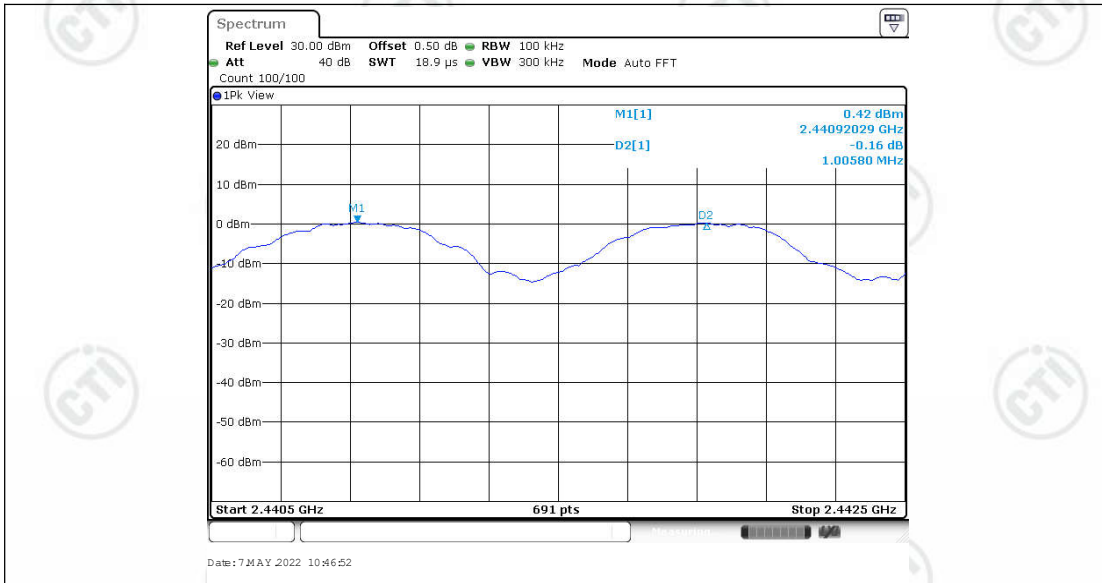
2DH5_Ant1_2480

Appendix D: Carrier frequency separation

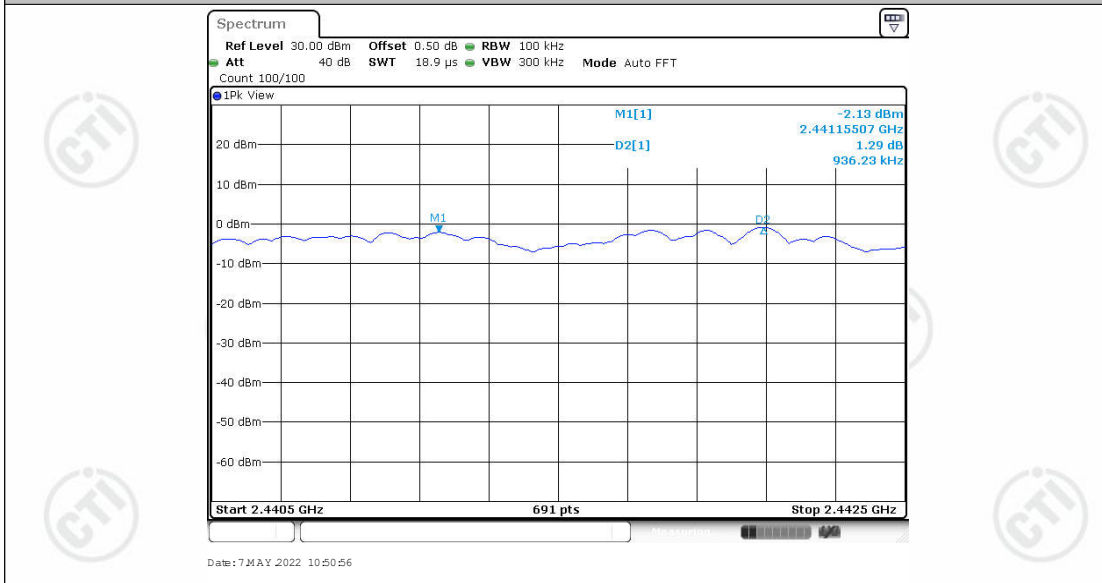
Test Result

| Test Mode | Antenna | Channel | Result[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|-------------|--------------|---------|
| DH5 | Ant1 | Hop | 1.006 | ≥ 0.712 | PASS |
| 2DH5 | Ant1 | Hop | 0.936 | ≥ 0.904 | PASS |

Test Graphs



DH5_Ant1_Hop

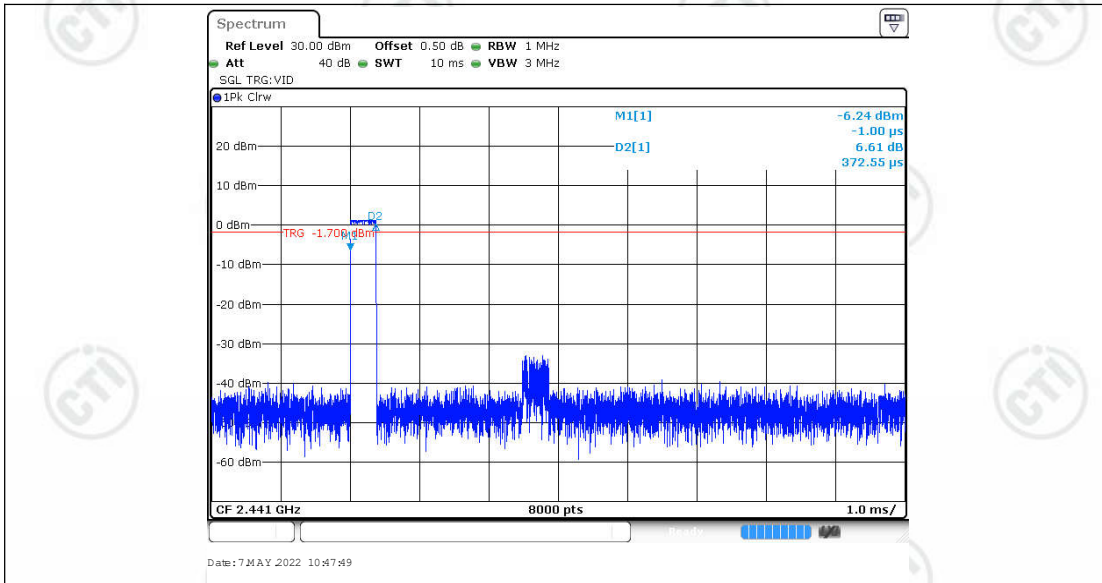


2DH5_Ant1_Hop

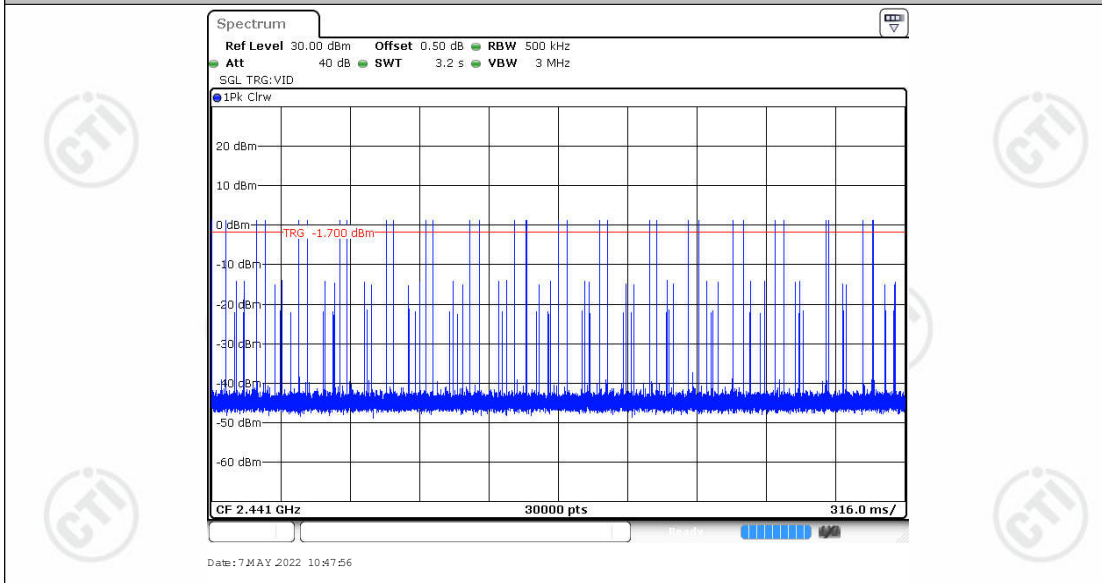
Appendix E: Time of occupancy**Test Result**

| Test Mode | Antenna | Channel | Burst Width [ms] | Total Hops [Num] | Result[s] | Limit[s] | Verdict |
|-----------|---------|---------|---------------------|---------------------|-----------|----------|---------|
| DH1 | Ant1 | Hop | 0.37 | 320 | 0.119 | <=0.4 | PASS |
| DH3 | Ant1 | Hop | 1.62 | 200 | 0.324 | <=0.4 | PASS |
| DH5 | Ant1 | Hop | 2.86 | 130 | 0.372 | <=0.4 | PASS |
| 2DH1 | Ant1 | Hop | 0.38 | 320 | 0.122 | <=0.4 | PASS |
| 2DH3 | Ant1 | Hop | 1.63 | 170 | 0.276 | <=0.4 | PASS |
| 2DH5 | Ant1 | Hop | 2.87 | 110 | 0.315 | <=0.4 | PASS |

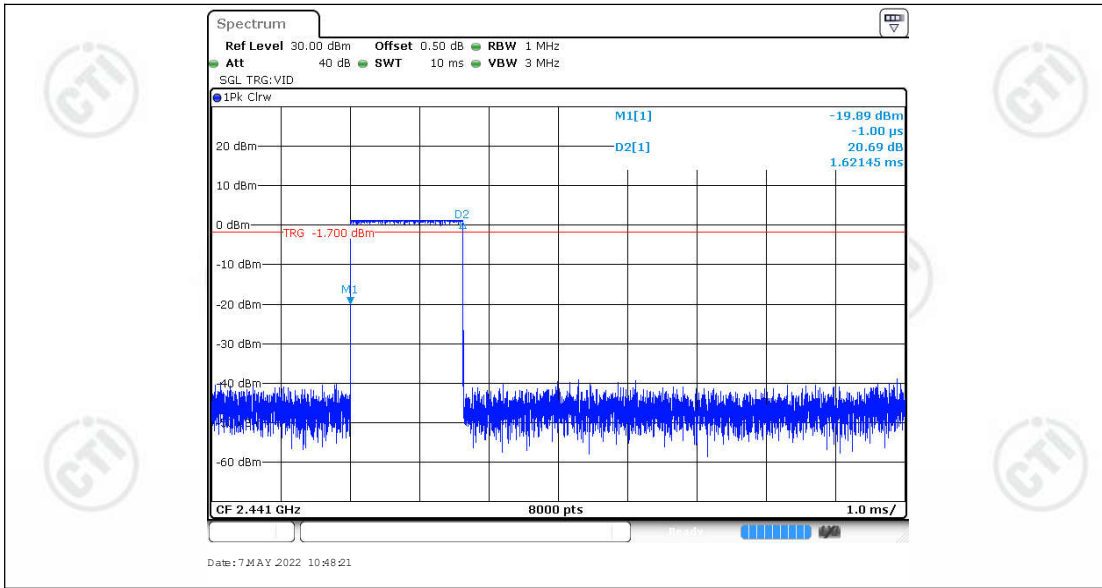
Test Graphs



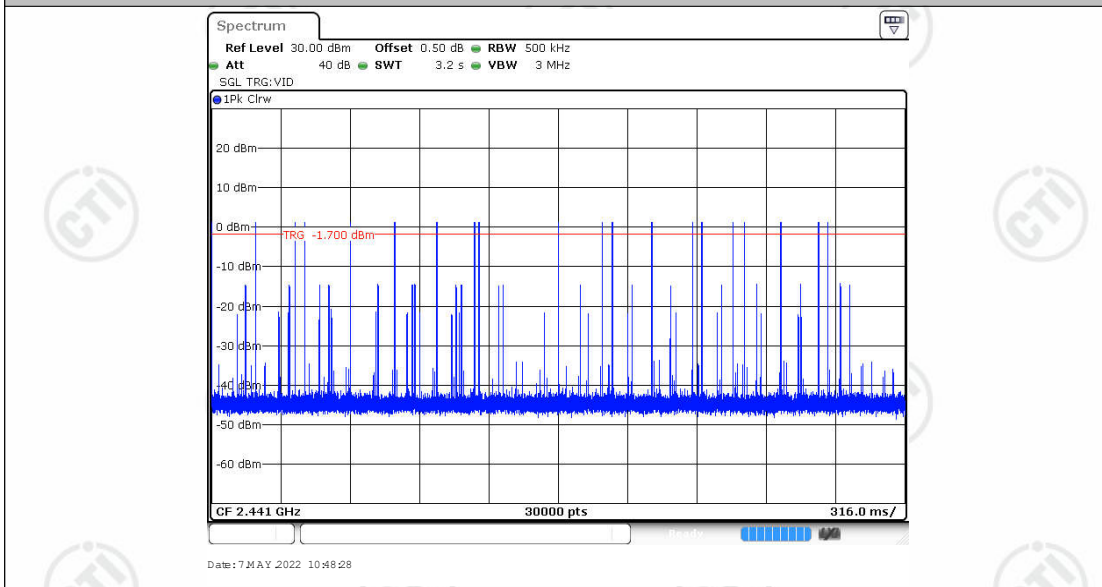
DH1_Ant1_Hop



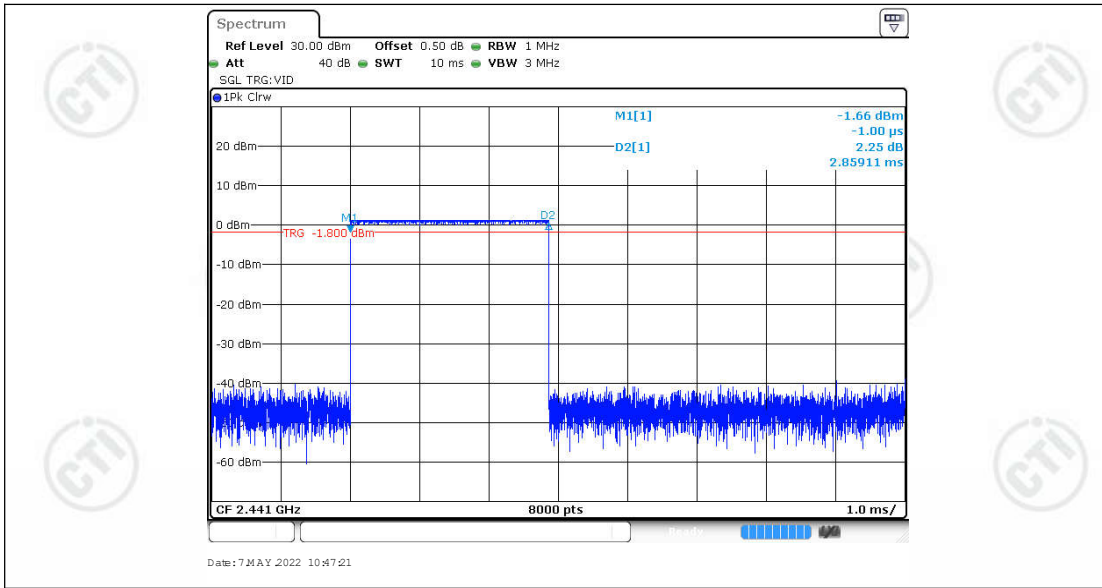
DH1_Ant1_Hop



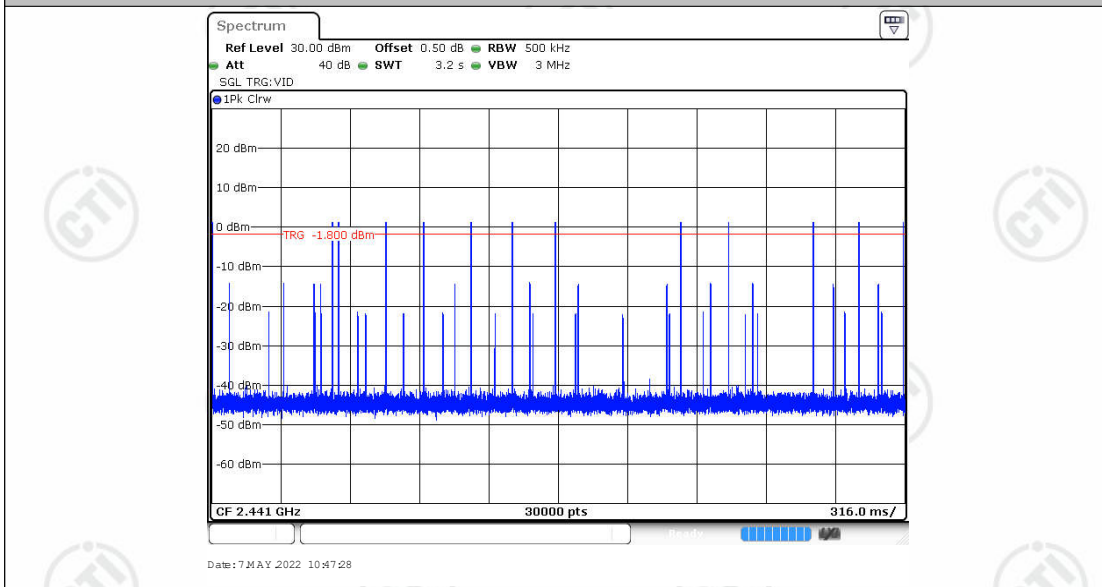
DH3_Ant1_Hop



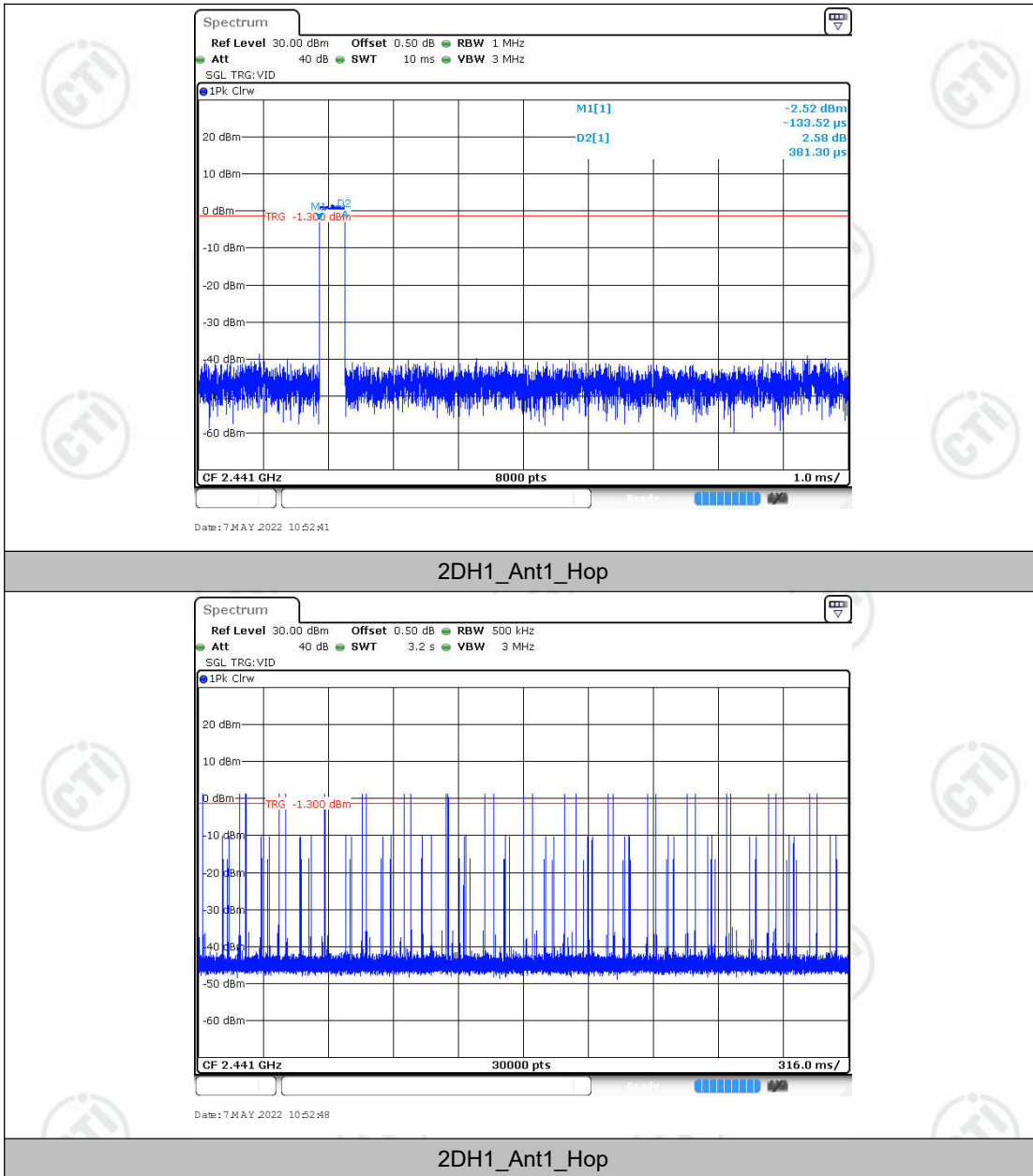
DH3_Ant1_Hop

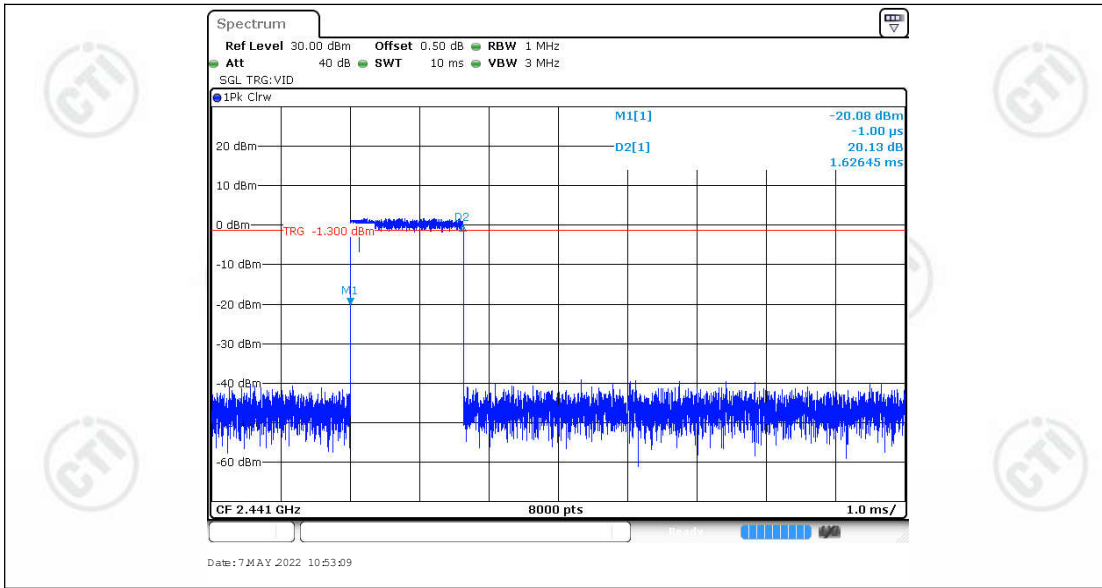


DH5_Ant1_Hop

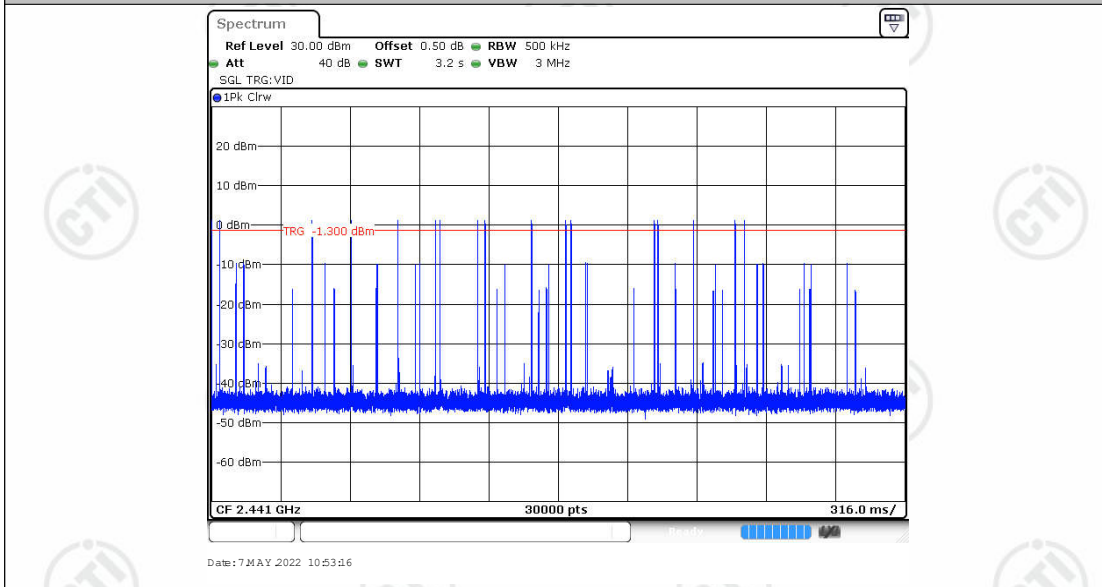


DH5_Ant1_Hop

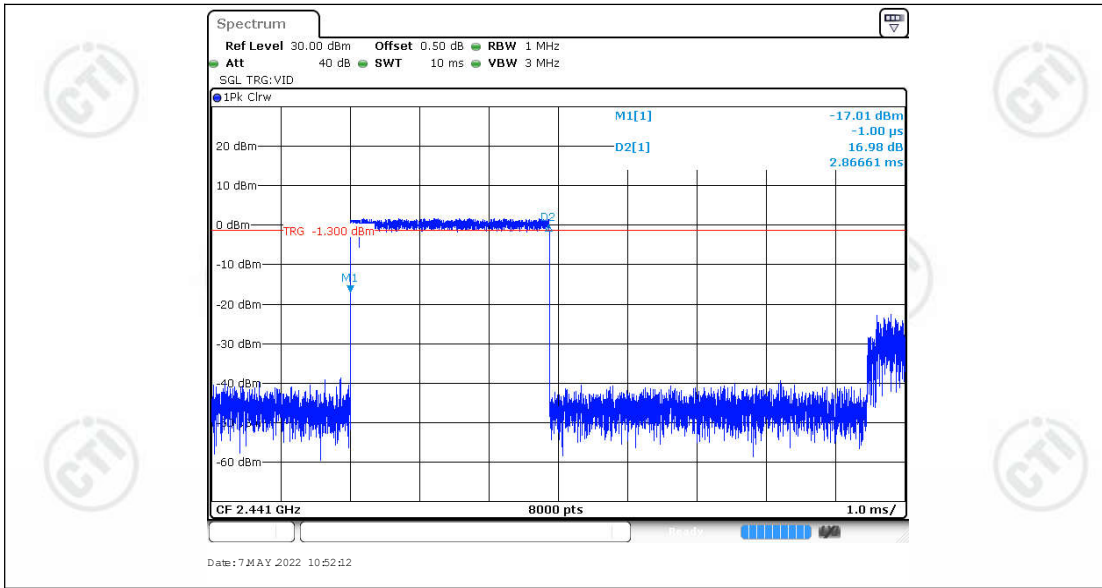




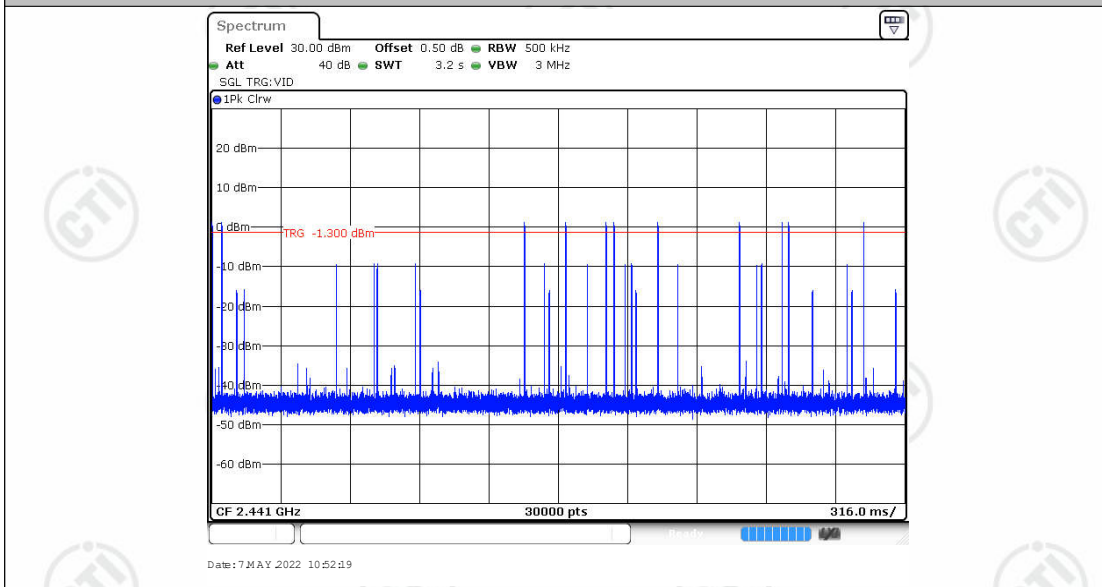
2DH3_Ant1_Hop



2DH3_Ant1_Hop



2DH5_Ant1_Hop



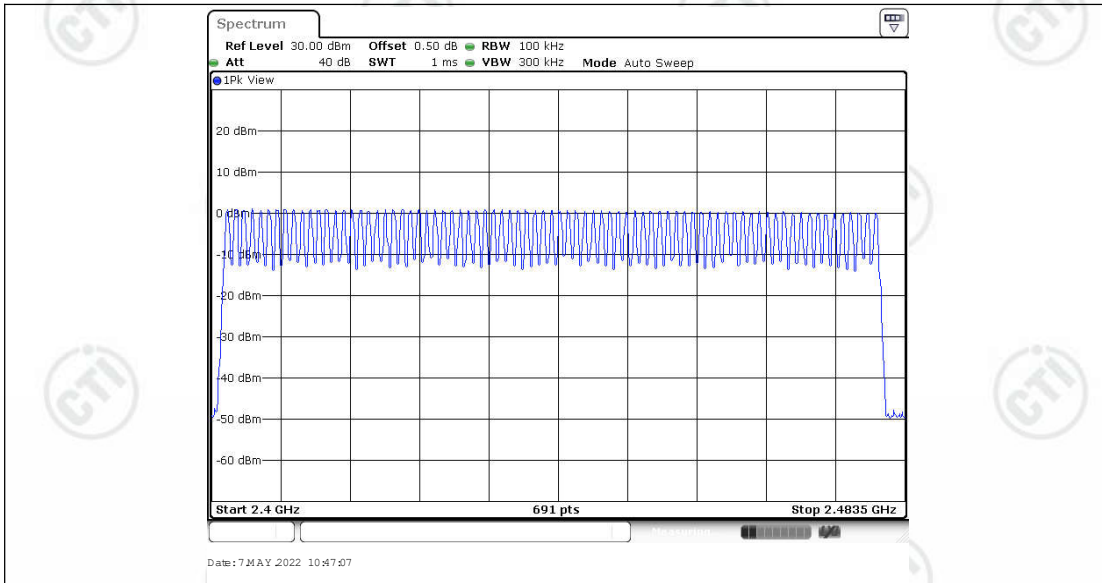
2DH5_Ant1_Hop

Appendix F: Number of hopping channels

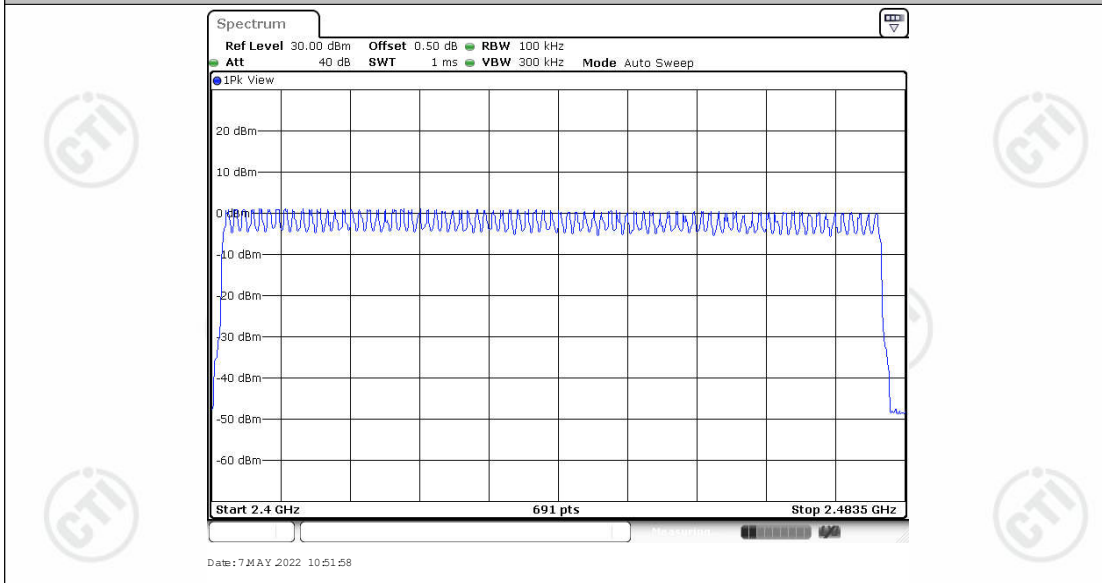
Test Result

| Test Mode | Antenna | Channel | Result[Num] | Limit[Num] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| DH5 | Ant1 | Hop | 79 | ≥ 15 | PASS |
| 2DH5 | Ant1 | Hop | 79 | ≥ 15 | PASS |

Test Graphs



DH5_Ant1_Hop

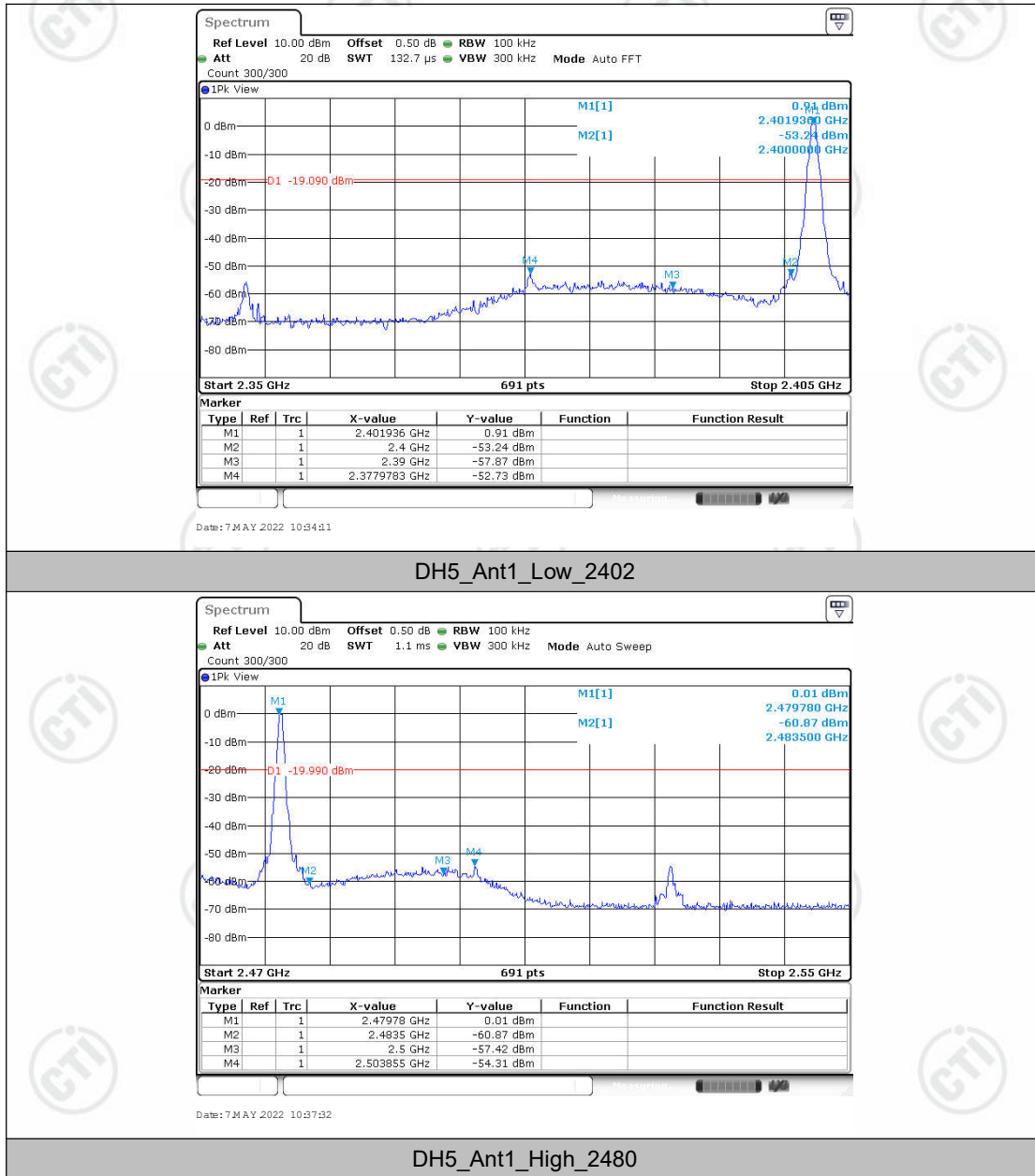


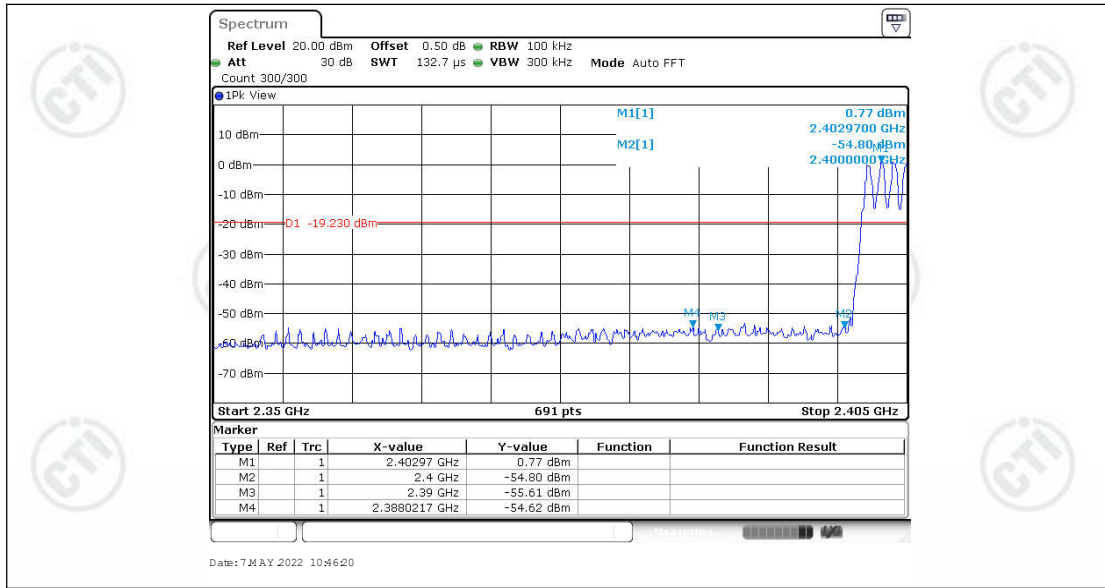
2DH5_Ant1_Hop

Appendix G: Band edge measurements**Test Result**

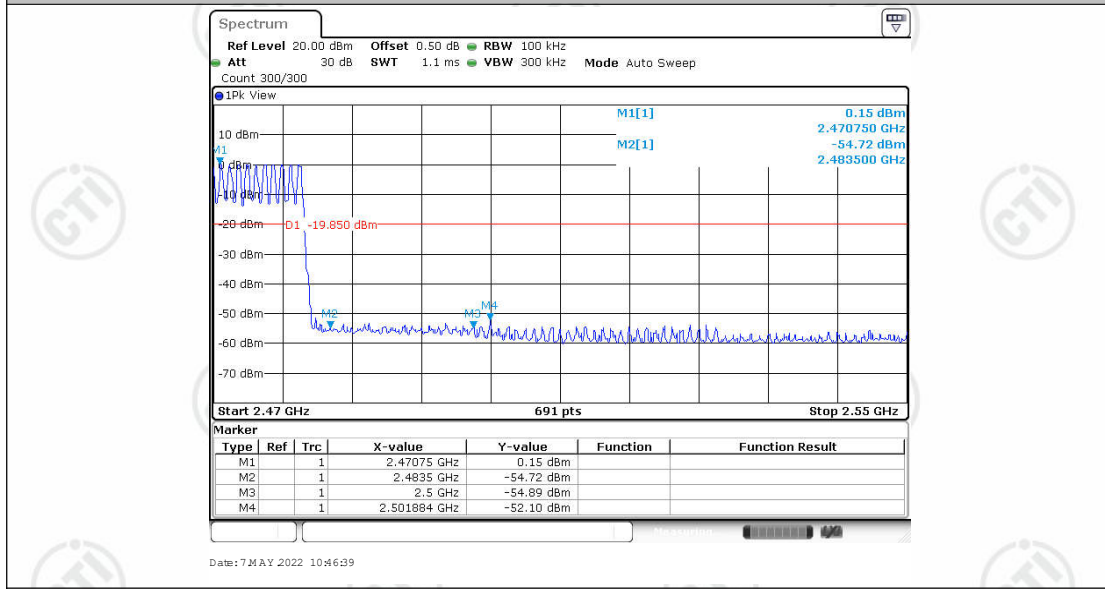
| Test Mode | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|----------|----------------|--------------|-------------|---------|
| DH5 | Ant1 | Low | 2402 | 0.91 | -52.73 | <=-19.09 | PASS |
| | | High | 2480 | 0.01 | -54.31 | <=-19.99 | PASS |
| | | Low | Hop_2402 | 0.77 | -54.62 | <=-19.23 | PASS |
| | | High | Hop_2480 | 0.15 | -52.1 | <=-19.85 | PASS |
| 2DH5 | Ant1 | Low | 2402 | 0.92 | -52.38 | <=-19.08 | PASS |
| | | High | 2480 | 0.00 | -54.81 | <=-20 | PASS |
| | | Low | Hop_2402 | 0.46 | -53.4 | <=-19.54 | PASS |
| | | High | Hop_2480 | 0.11 | -53.08 | <=-19.89 | PASS |

Test Graphs

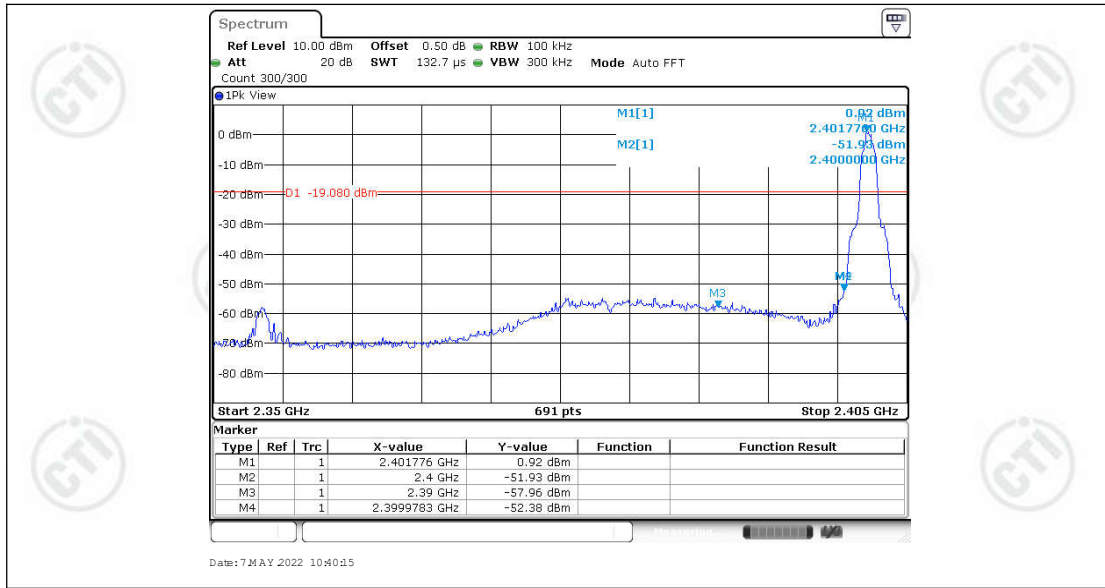




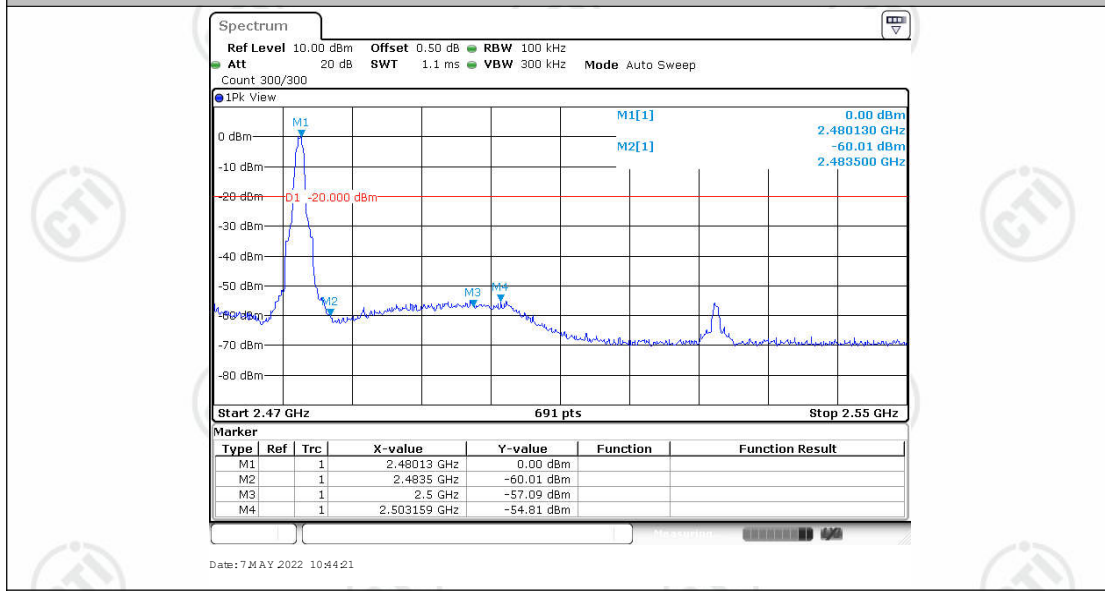
DH5_Ant1_Low_Hop_2402



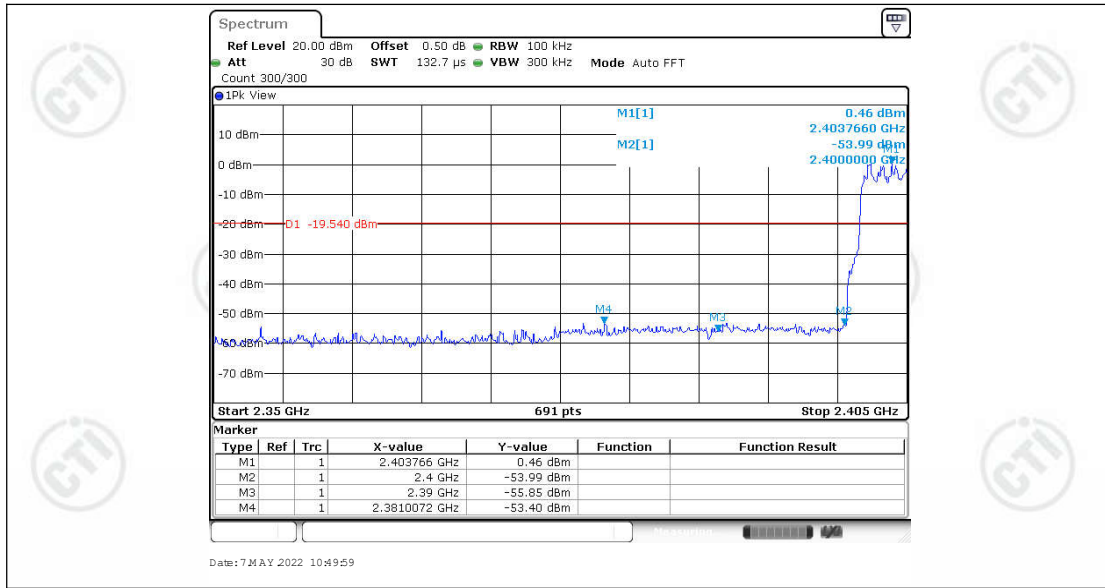
DH5_Ant1_High_Hop_2480



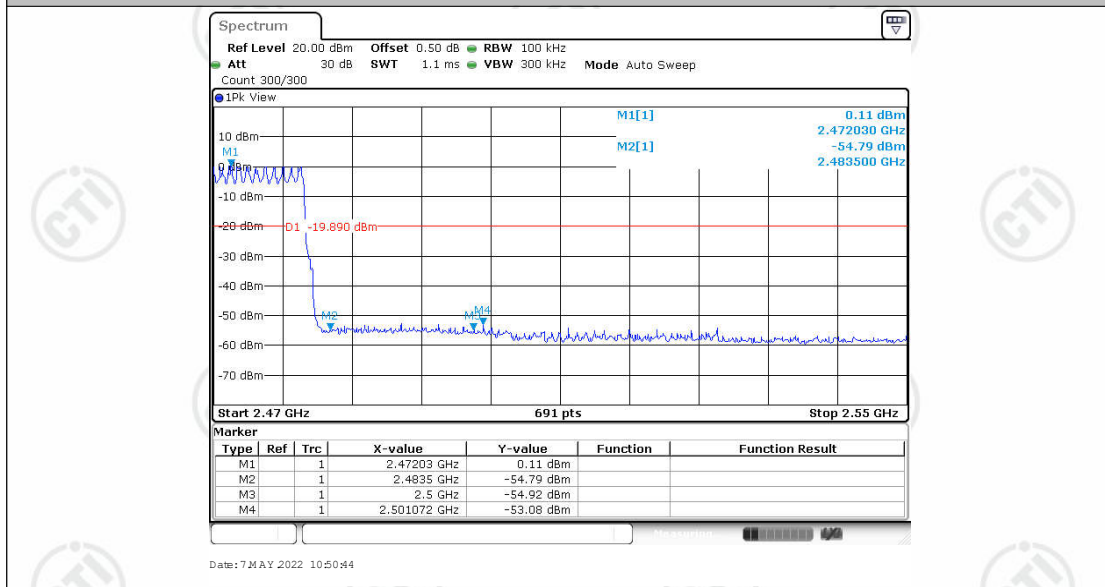
2DH5_Ant1_Low_2402



2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



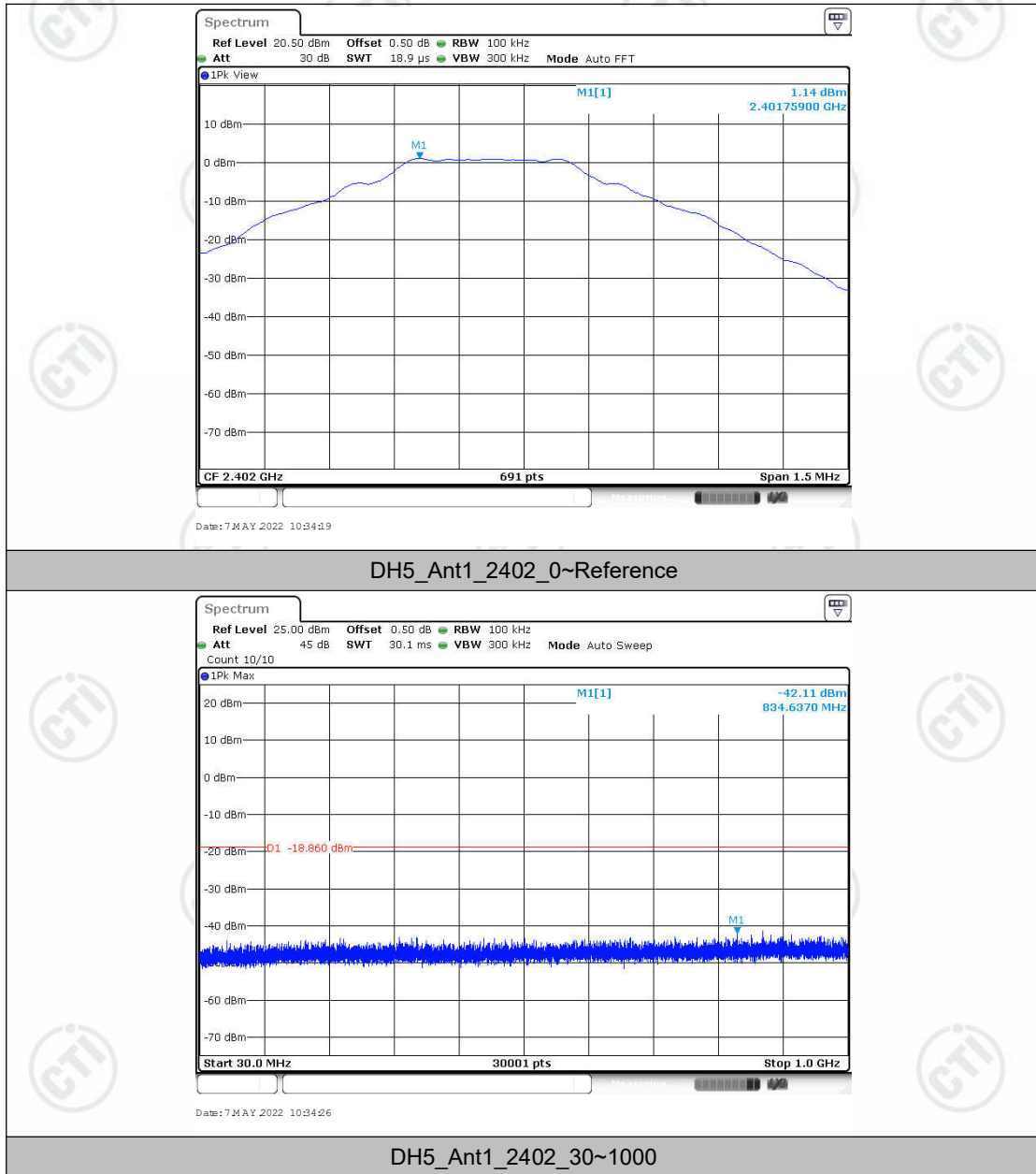
2DH5_Ant1_High_Hop_2480

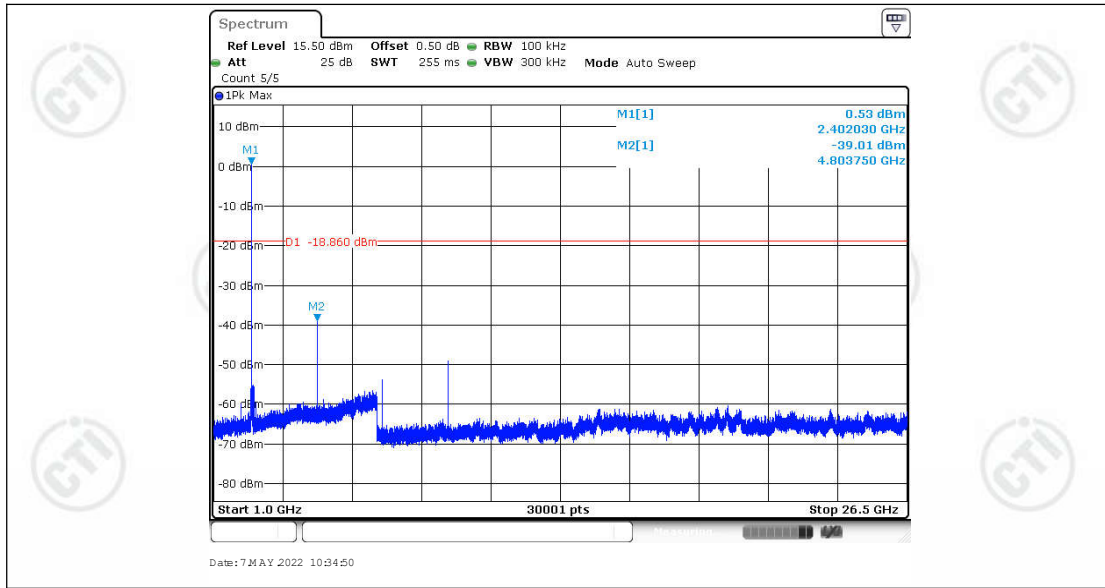
Appendix H: Conducted Spurious Emission

Test Result

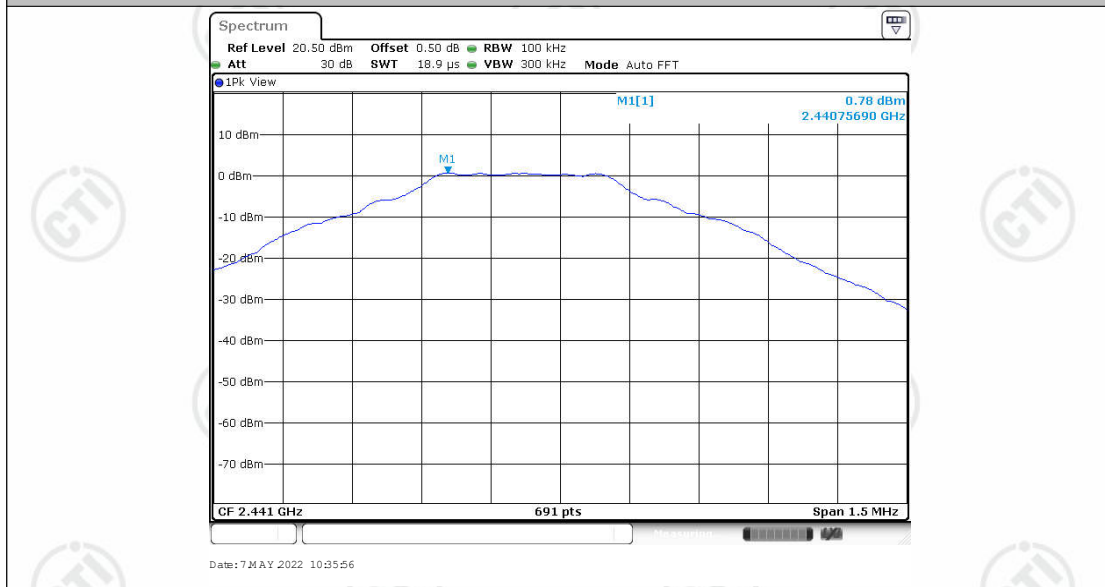
| Test Mode | Antenna | Channel | Freq Range [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|------------------|----------------|--------------|-------------|---------|
| DH5 | Ant1 | 2402 | Reference | 1.14 | 1.14 | --- | PASS |
| | | | 30~1000 | --- | -42.11 | <=-18.86 | PASS |
| | | | 1000~26500 | --- | -39.01 | <=-18.86 | PASS |
| | | 2441 | Reference | 0.78 | 0.78 | --- | PASS |
| | | | 30~1000 | --- | -42.54 | <=-19.22 | PASS |
| | | | 1000~26500 | --- | -37.76 | <=-19.22 | PASS |
| | | 2480 | Reference | 0.00 | 0.00 | --- | PASS |
| | | | 30~1000 | --- | -41.57 | <=-20 | PASS |
| | | | 1000~26500 | --- | -35.72 | <=-20 | PASS |
| 2DH5 | Ant1 | 2402 | Reference | 1.11 | 1.11 | --- | PASS |
| | | | 30~1000 | --- | -39.45 | <=-18.89 | PASS |
| | | | 1000~26500 | --- | -43.06 | <=-18.89 | PASS |
| | | 2441 | Reference | 0.74 | 0.74 | --- | PASS |
| | | | 30~1000 | --- | -41.71 | <=-19.26 | PASS |
| | | | 1000~26500 | --- | -39.51 | <=-19.26 | PASS |
| | | 2480 | Reference | 0.01 | 0.01 | --- | PASS |
| | | | 30~1000 | --- | -38.83 | <=-19.99 | PASS |
| | | | 1000~26500 | --- | -39.34 | <=-19.99 | PASS |

Test Graphs

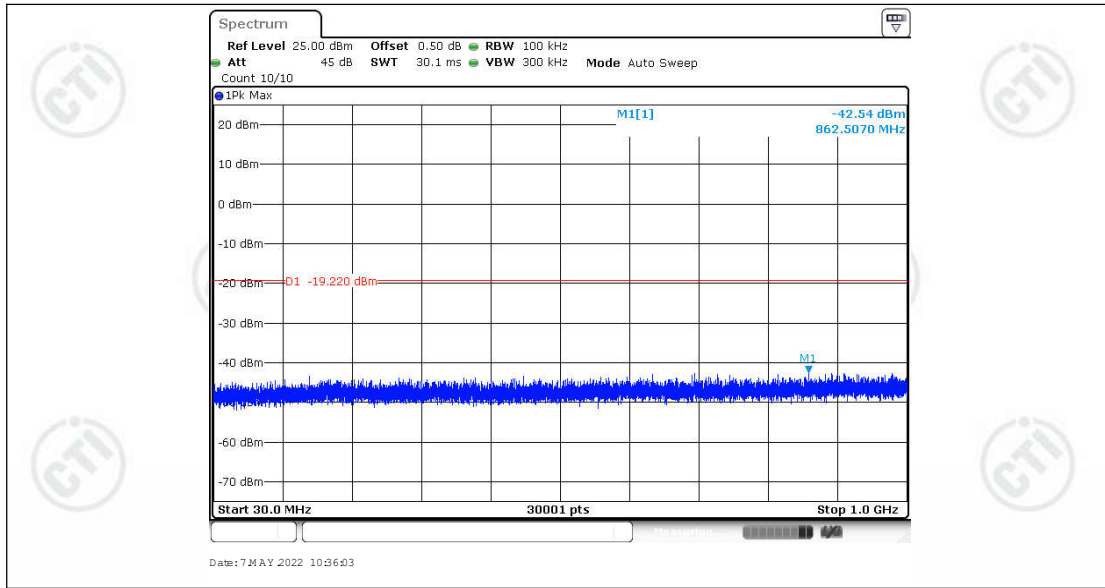




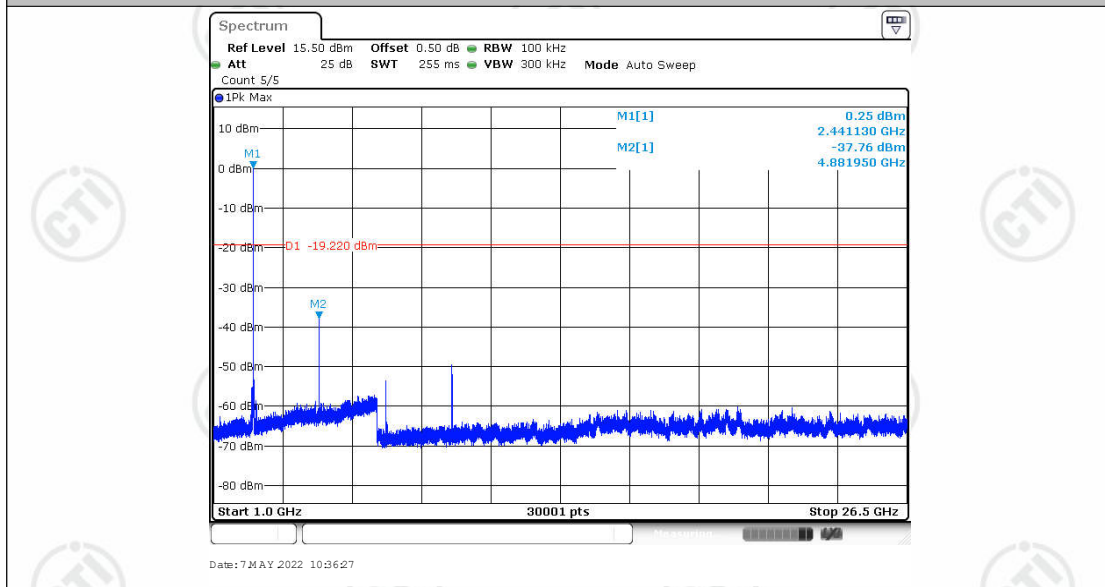
DH5_Ant1_2402_1000~26500



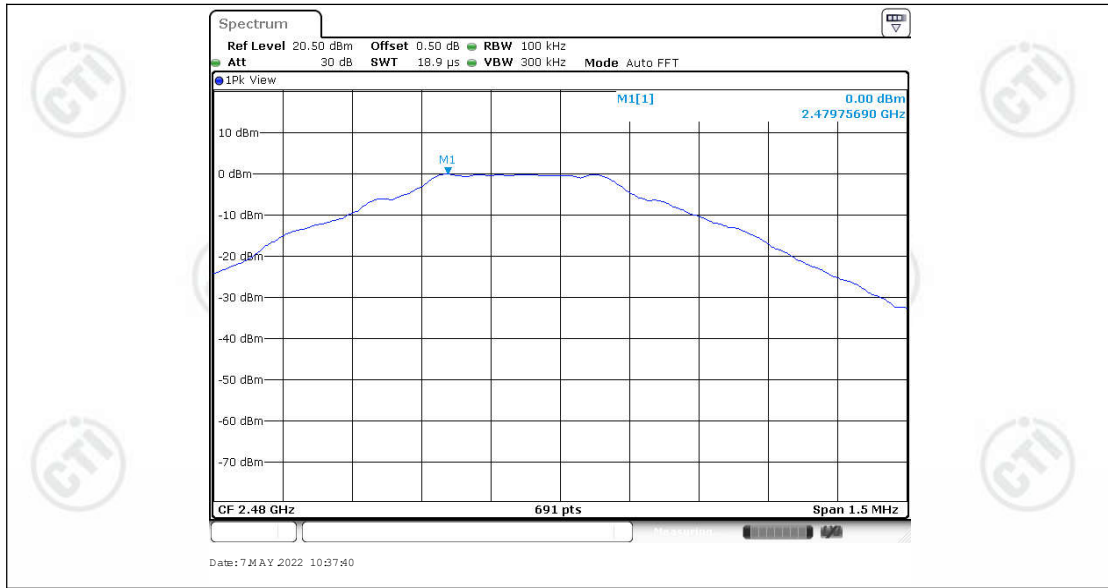
DH5_Ant1_2441_0~Reference



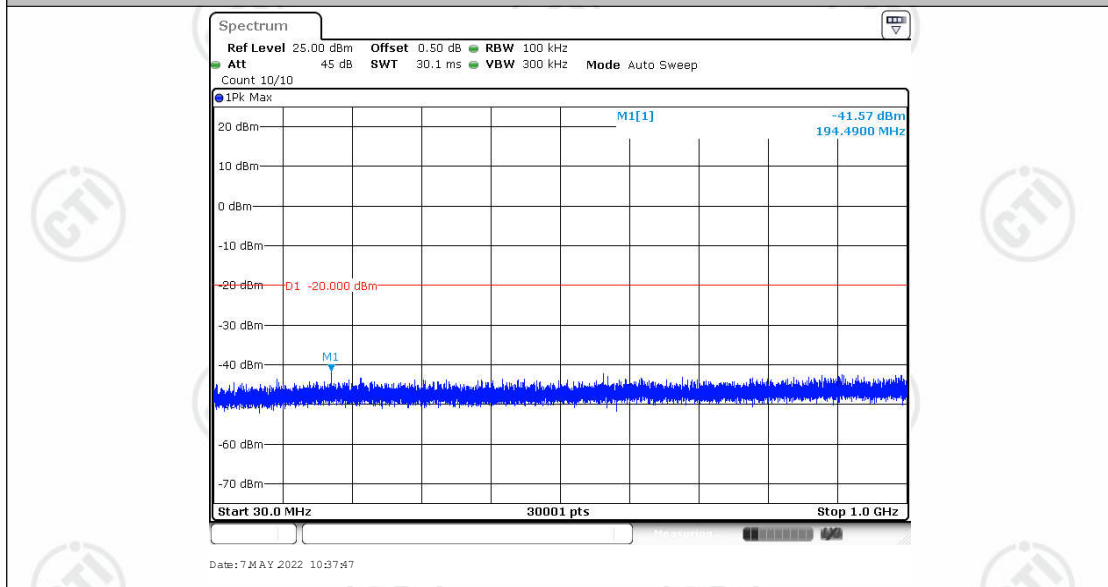
DH5_Ant1_2441_30~1000



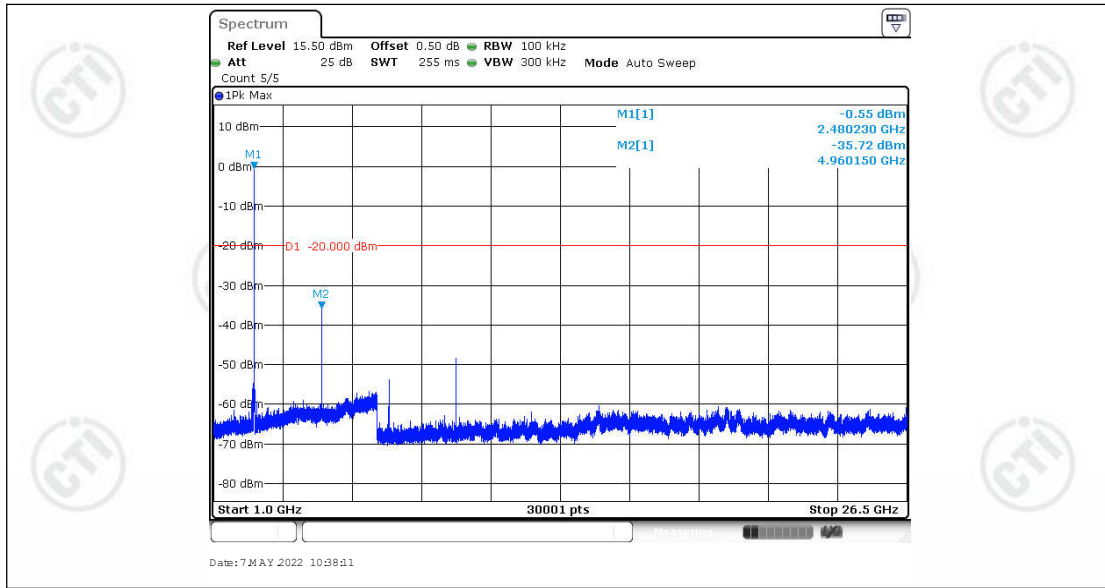
DH5_Ant1_2441_1000~26500



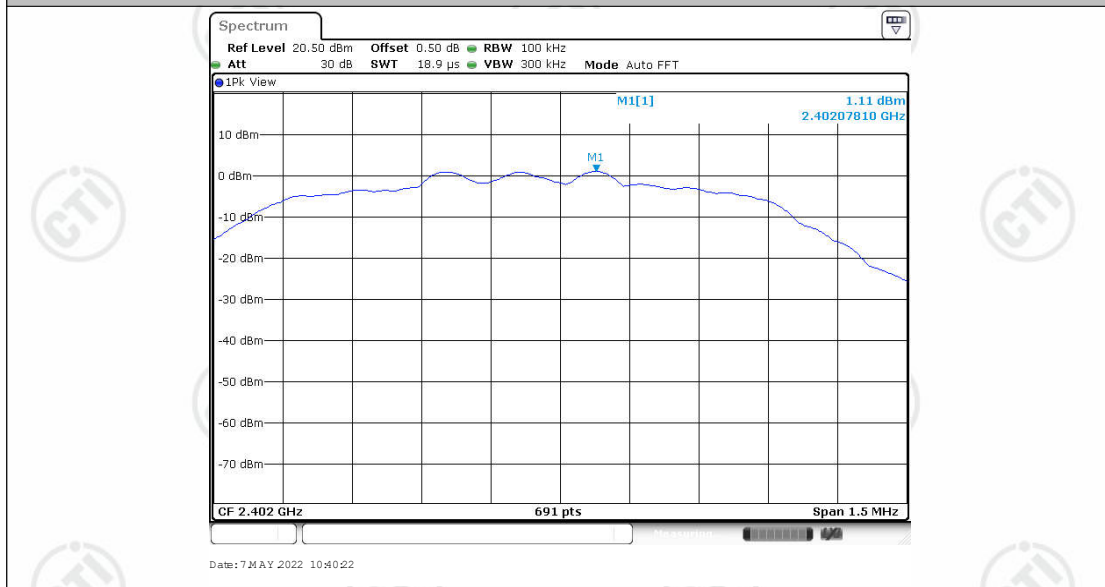
DH5_Ant1_2480_0~Reference



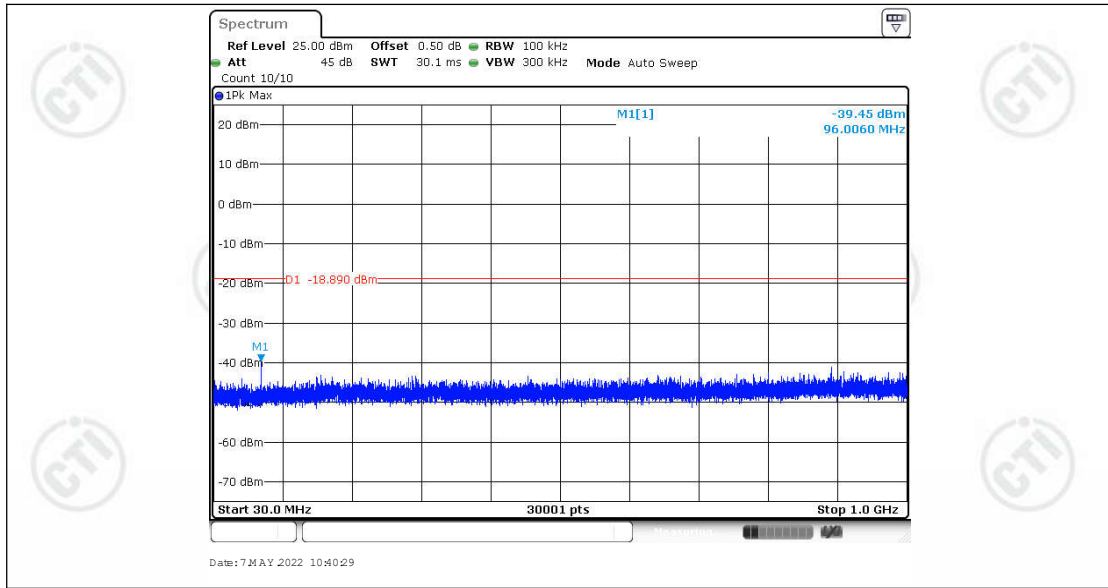
DH5_Ant1_2480_30~1000



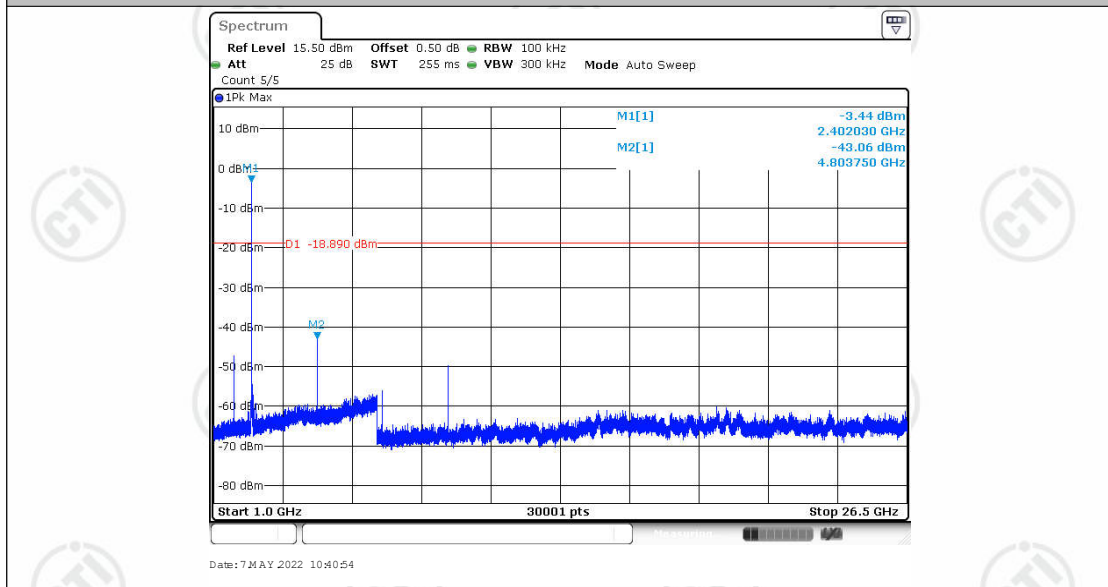
DH5_Ant1_2480_1000~26500



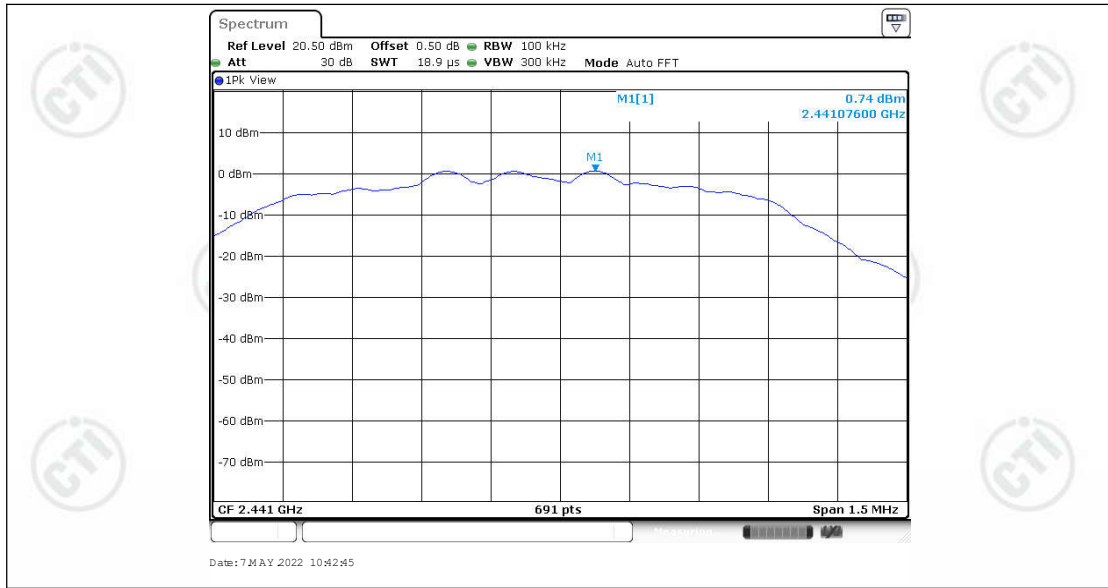
2DH5_Ant1_2402_0~Reference



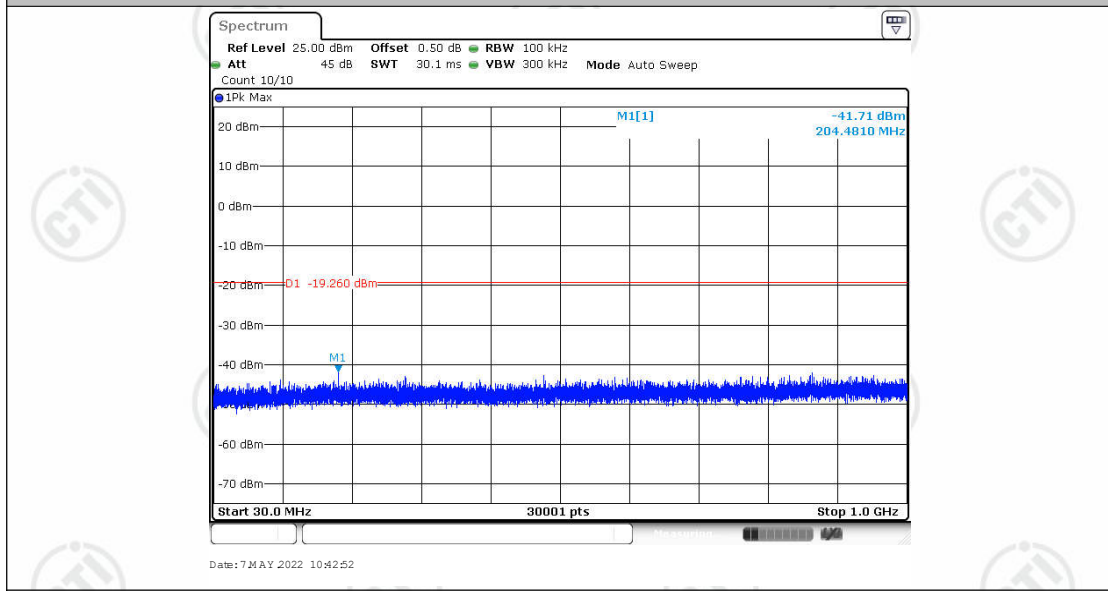
2DH5_Ant1_2402_30~1000



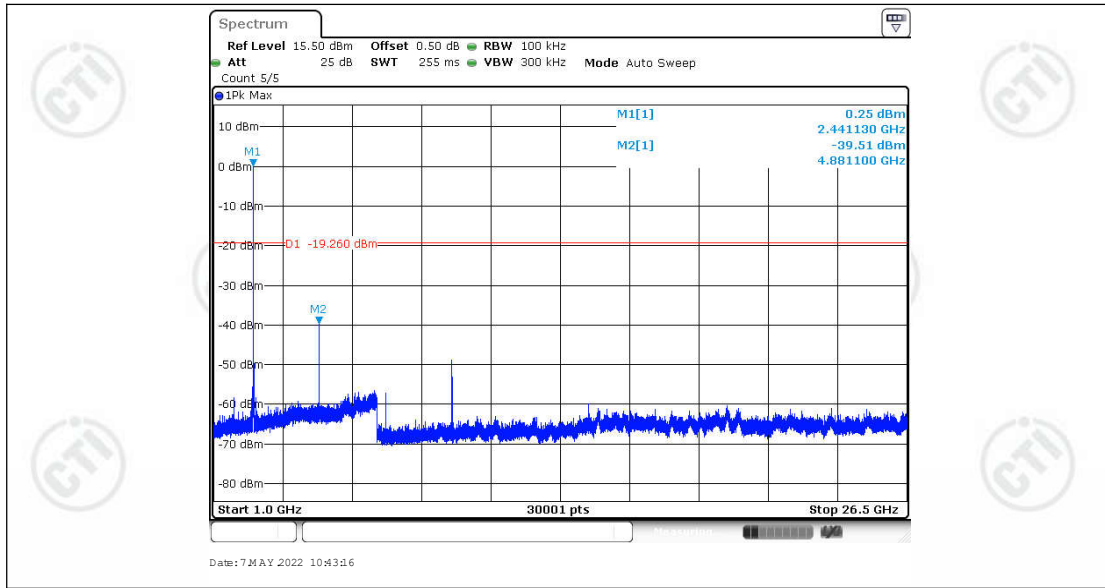
2DH5_Ant1_2402_1000~26500



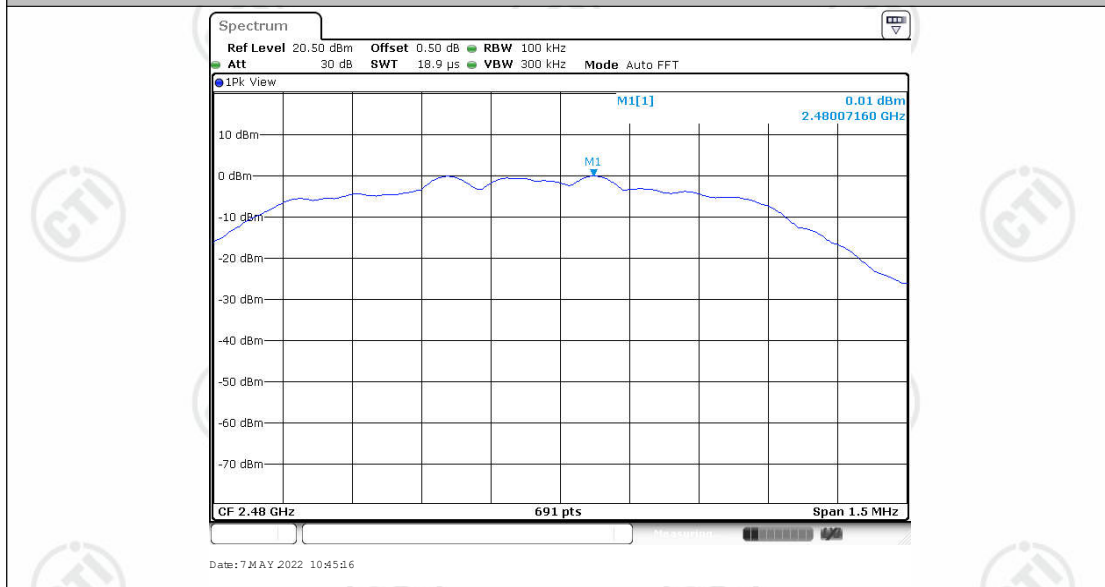
2DH5_Ant1_2441_0~Reference



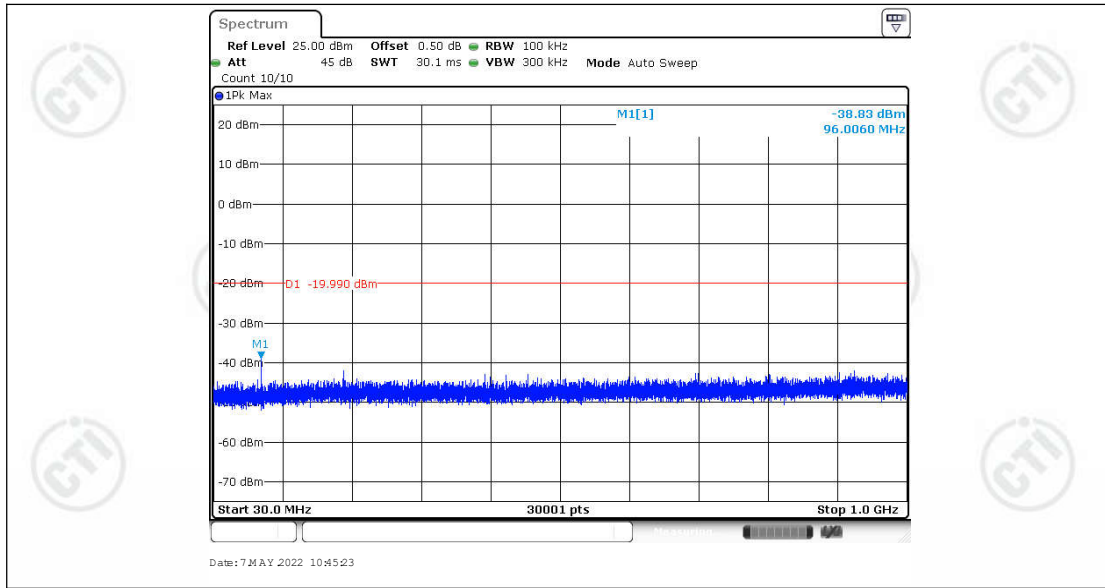
2DH5_Ant1_2441_30~1000



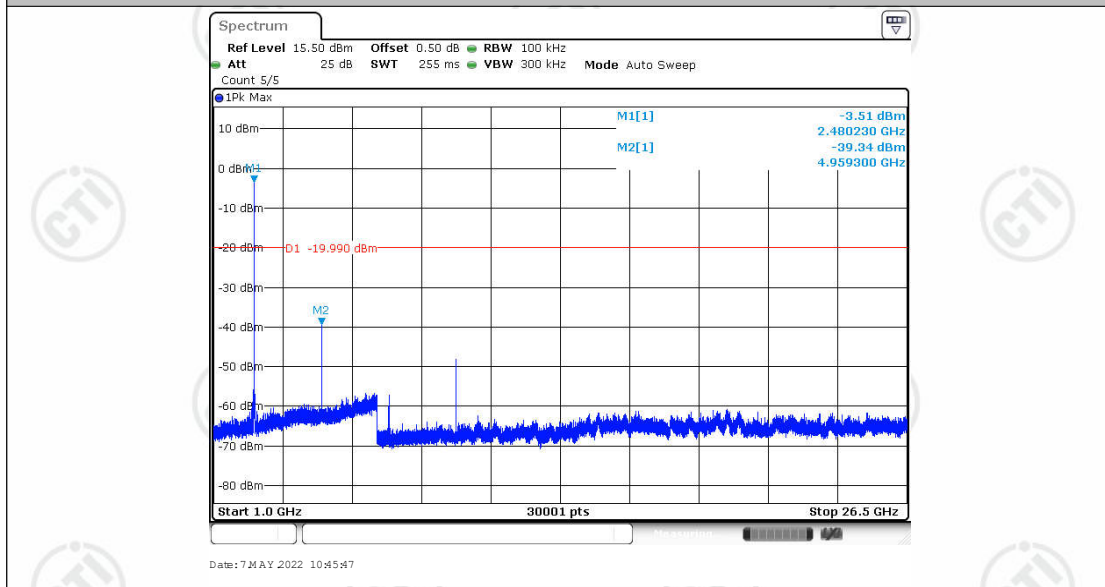
2DH5_Ant1_2441_1000~26500



2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000

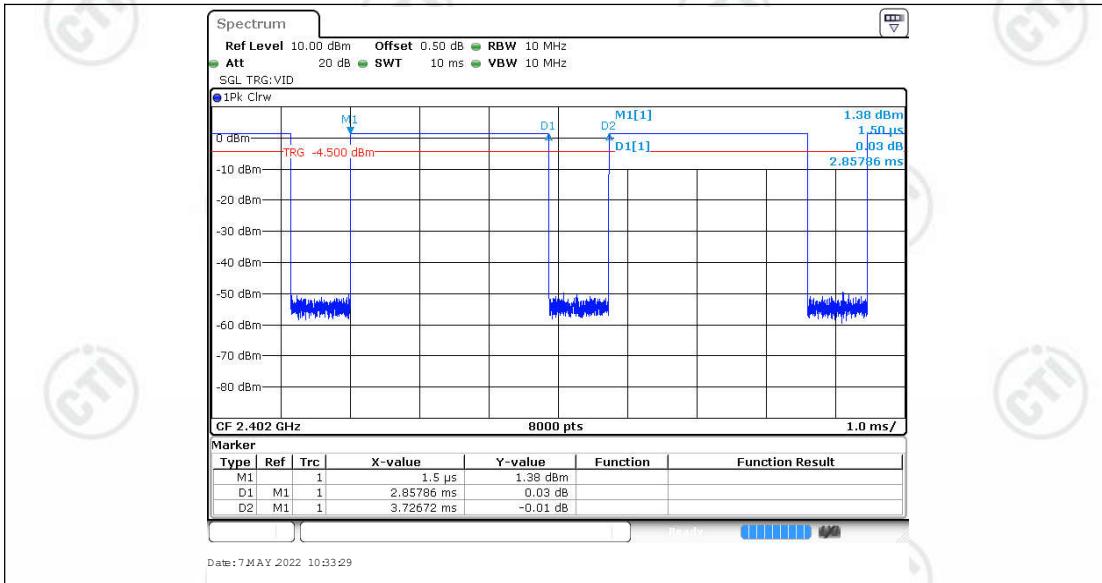


2DH5_Ant1_2480_1000~26500

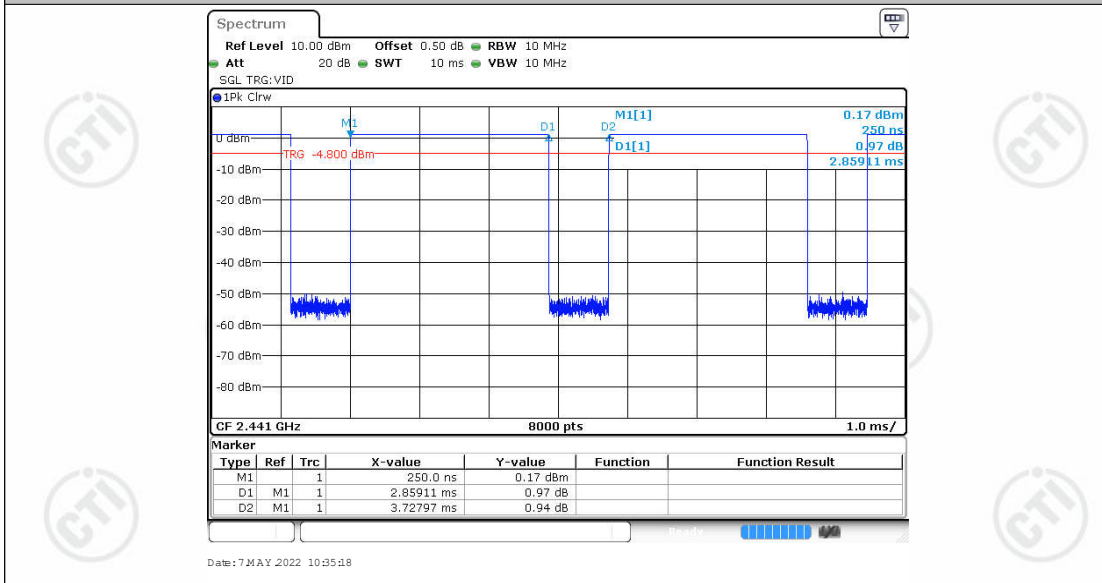
Appendix I: Duty Cycle**Test Result**

| Test Mode | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|-----------|---------|---------|----------------------------|--------------------------|----------------|-------|---------|
| DH5 | Ant1 | 2402 | 2.86 | 3.73 | 76.68 | --- | PASS |
| | | 2441 | 2.86 | 3.73 | 76.68 | --- | PASS |
| | | 2480 | 2.86 | 3.73 | 76.68 | --- | PASS |
| 2DH5 | Ant1 | 2402 | 2.87 | 3.73 | 76.94 | --- | PASS |
| | | 2441 | 2.87 | 3.73 | 76.94 | --- | PASS |
| | | 2480 | 2.87 | 3.73 | 76.94 | --- | PASS |

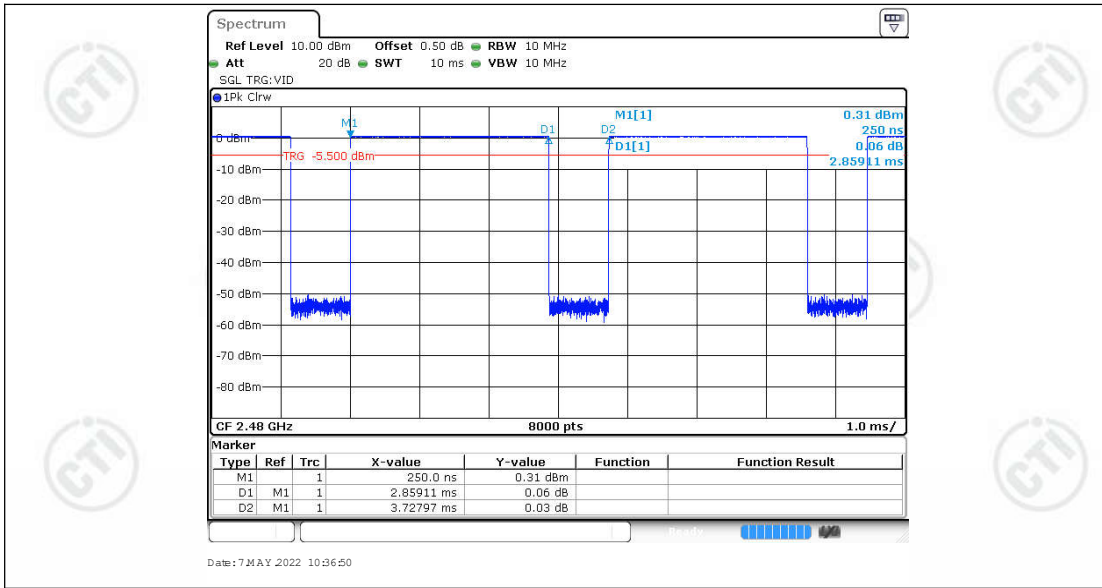
Test Graphs



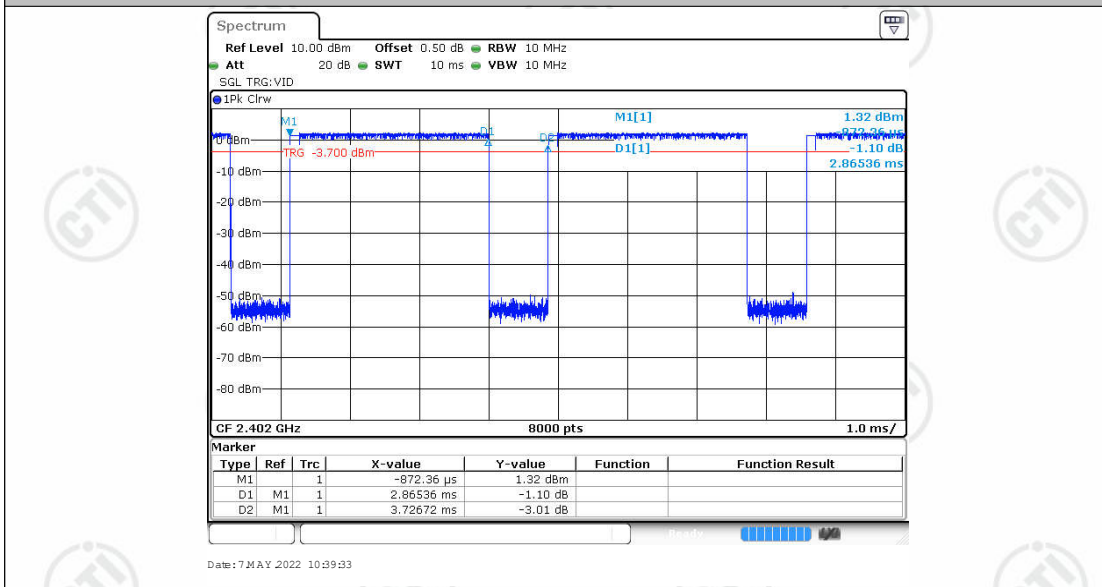
DH5_Ant1_2402



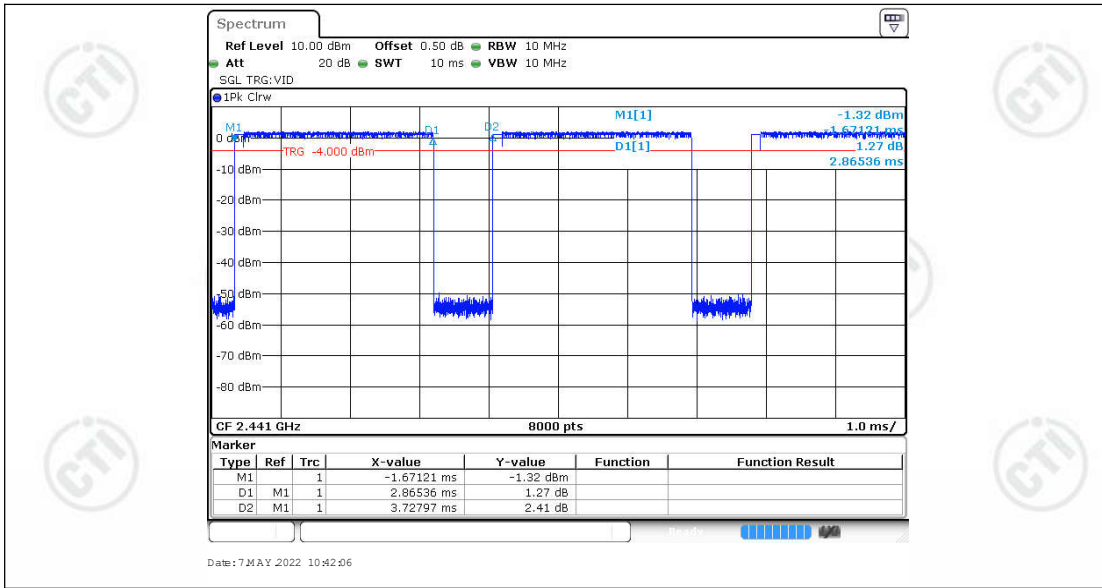
DH5_Ant1_2441



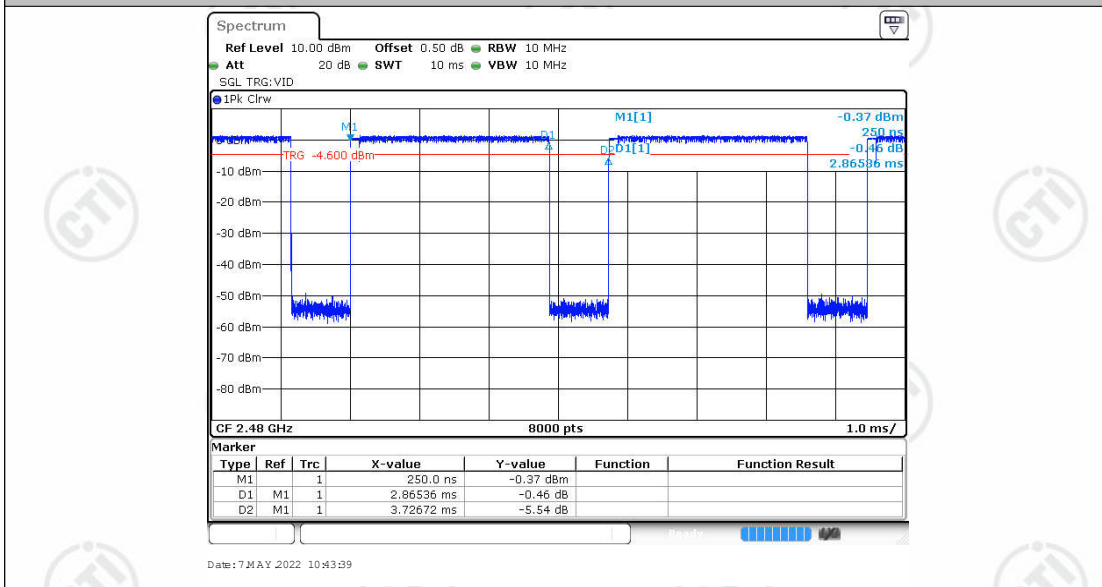
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480

*** End of Report ***