

Appendix: Bluetooth Classic

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AppendixA: 20dBEmission Bandwidth

Test Result

| TestMode | Antenna | Channel | 20db EBW[MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|------------------|----------|----------|------------|---------|
| DH5 | Ant1 | 2402 | 0.798 | 2401.619 | 2402.417 | --- | PASS |
| | | 2441 | 0.798 | 2440.619 | 2441.417 | --- | PASS |
| | | 2480 | 0.801 | 2479.619 | 2480.420 | --- | PASS |
| 2DH5 | Ant1 | 2402 | 1.185 | 2401.418 | 2402.603 | --- | PASS |
| | | 2441 | 1.185 | 2440.418 | 2441.603 | --- | PASS |
| | | 2480 | 1.194 | 2479.418 | 2480.612 | --- | PASS |

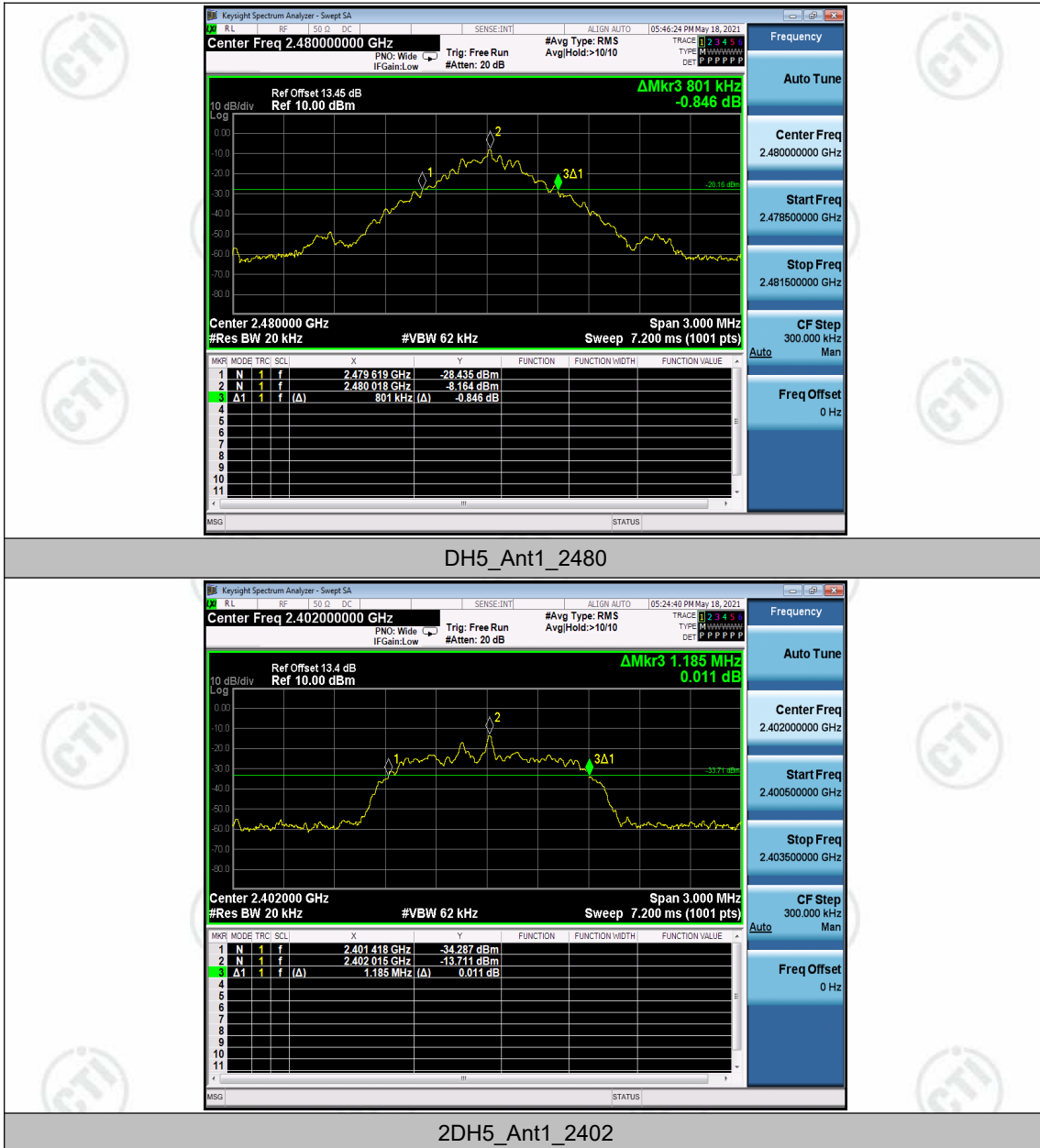
Test Graphs

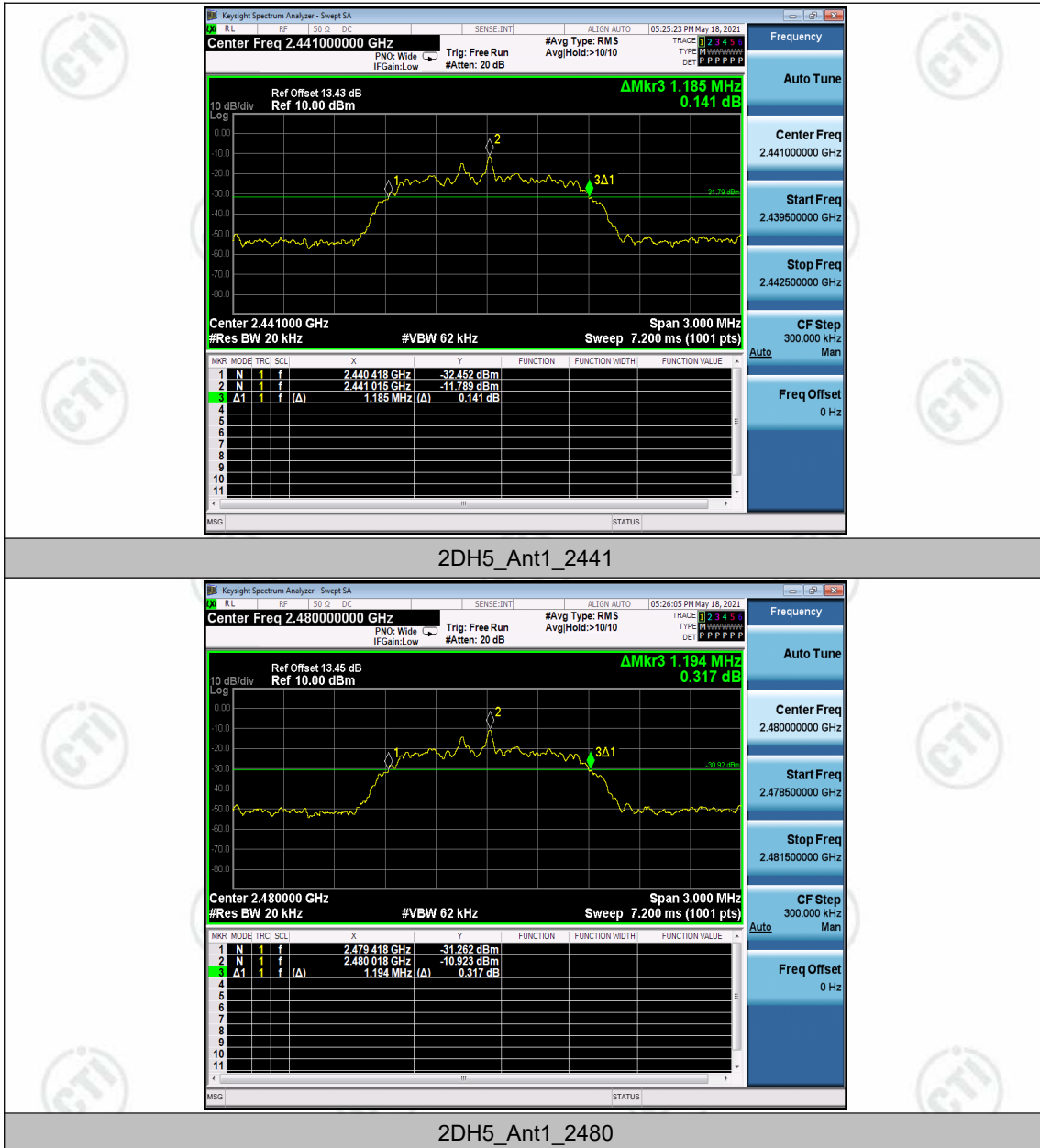


DH5_Ant1_2402



DH5_Ant1_2441



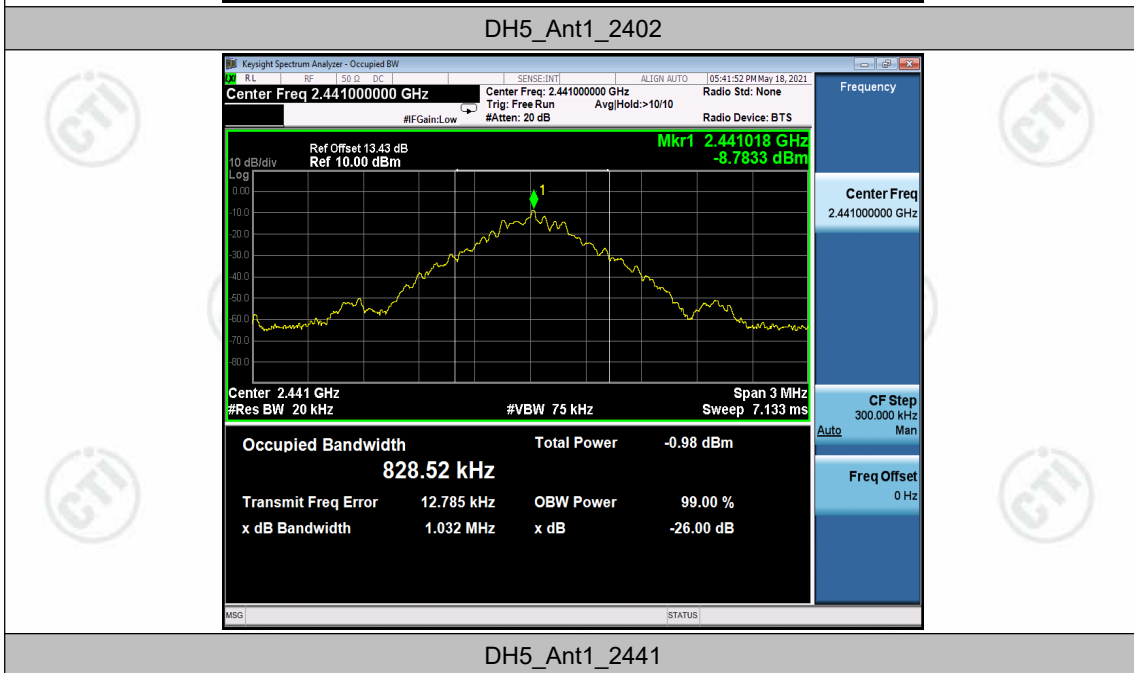


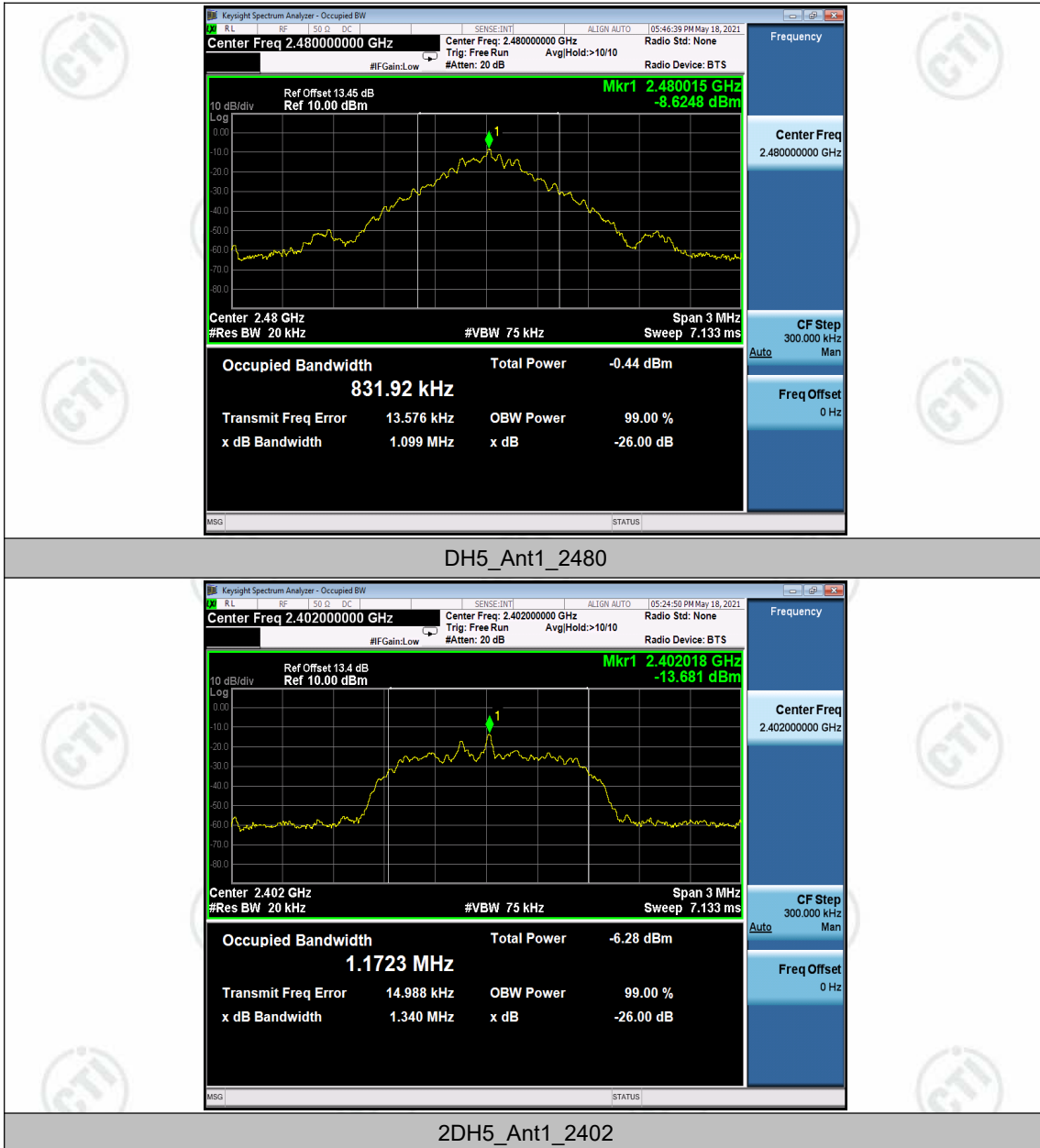
AppendixB: Occupied Channel Bandwidth

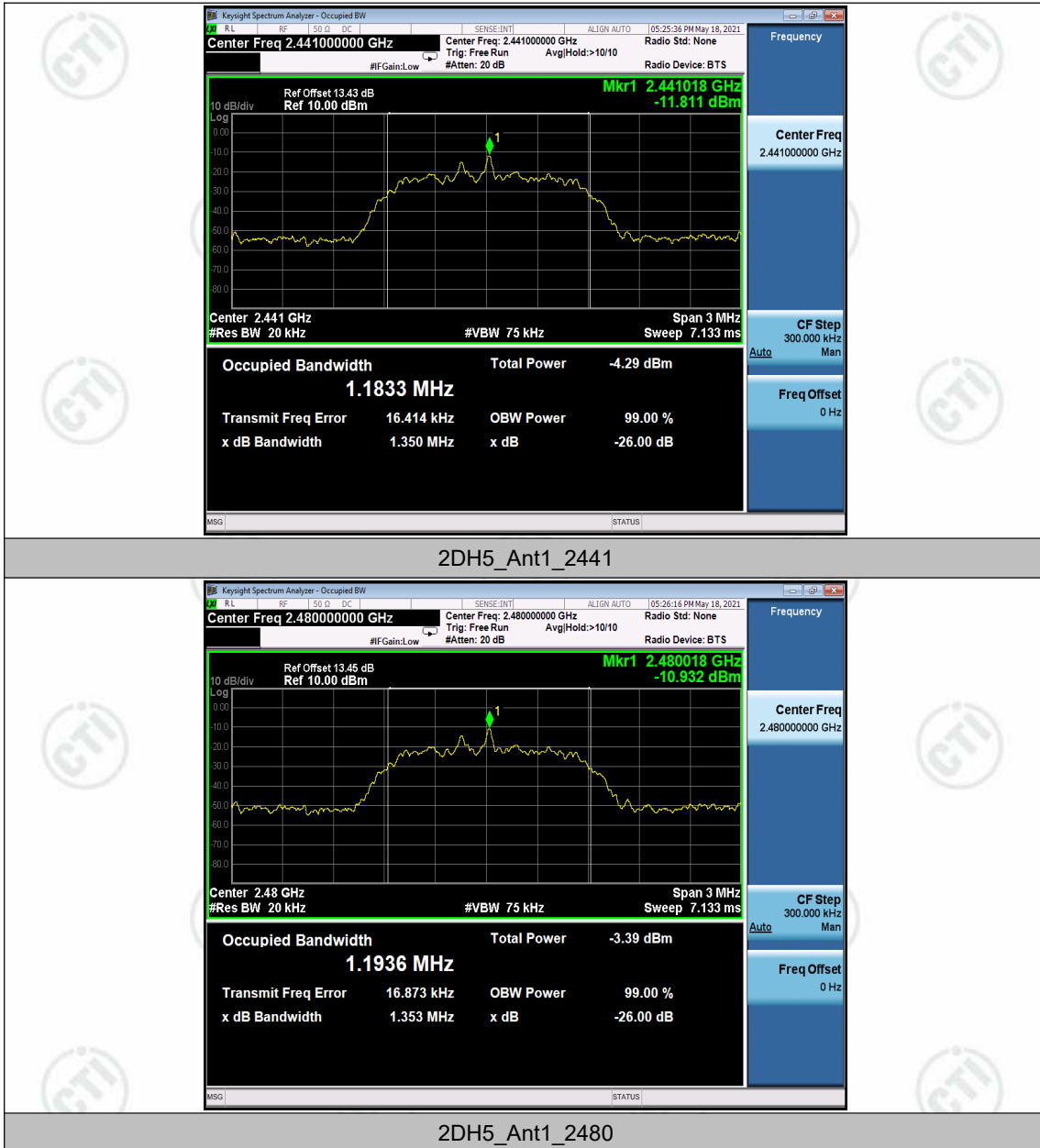
Test Result

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|----------|----------|------------|---------|
| DH5 | Ant1 | 2402 | 0.82665 | 2401.602 | 2402.428 | --- | PASS |
| | | 2441 | 0.82887 | 2440.599 | 2441.428 | --- | PASS |
| | | 2480 | 0.83439 | 2479.596 | 2480.431 | --- | PASS |
| 2DH5 | Ant1 | 2402 | 1.1725 | 2401.429 | 2402.601 | --- | PASS |
| | | 2441 | 1.1838 | 2440.425 | 2441.608 | --- | PASS |
| | | 2480 | 1.1939 | 2479.420 | 2480.614 | --- | PASS |

Test Graphs





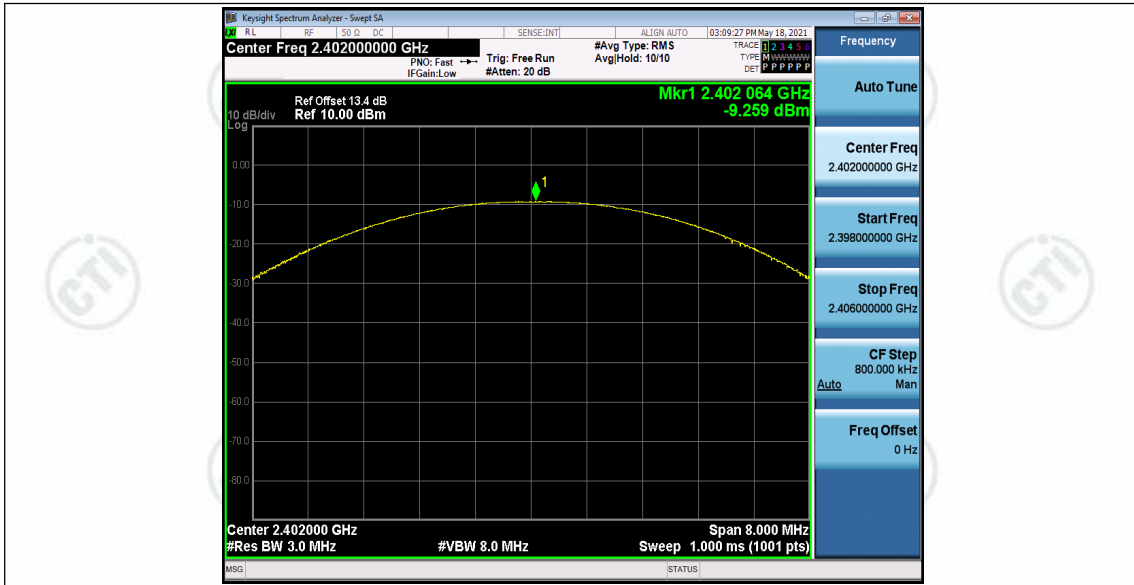


AppendixC: Maximum conducted output power

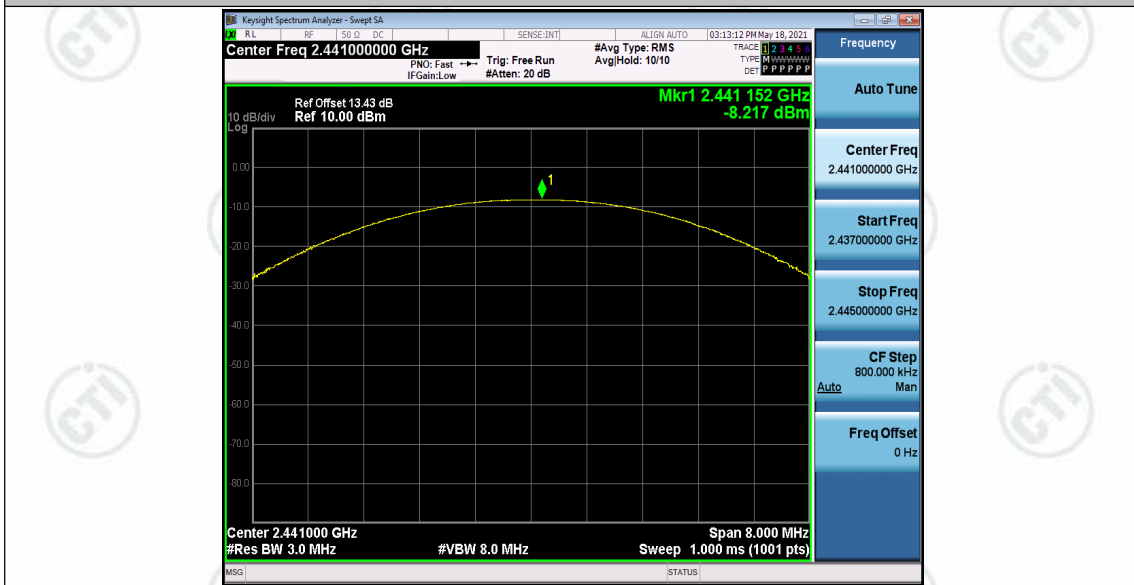
Test Result

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH5 | Ant1 | 2402 | -9.26 | <=20.97 | PASS |
| | | 2441 | -8.22 | <=20.97 | PASS |
| | | 2480 | -7.78 | <=20.97 | PASS |
| 2DH5 | Ant1 | 2402 | -9.16 | <=20.97 | PASS |
| | | 2441 | -8.13 | <=20.97 | PASS |
| | | 2480 | -7.83 | <=20.97 | PASS |

Test Graphs

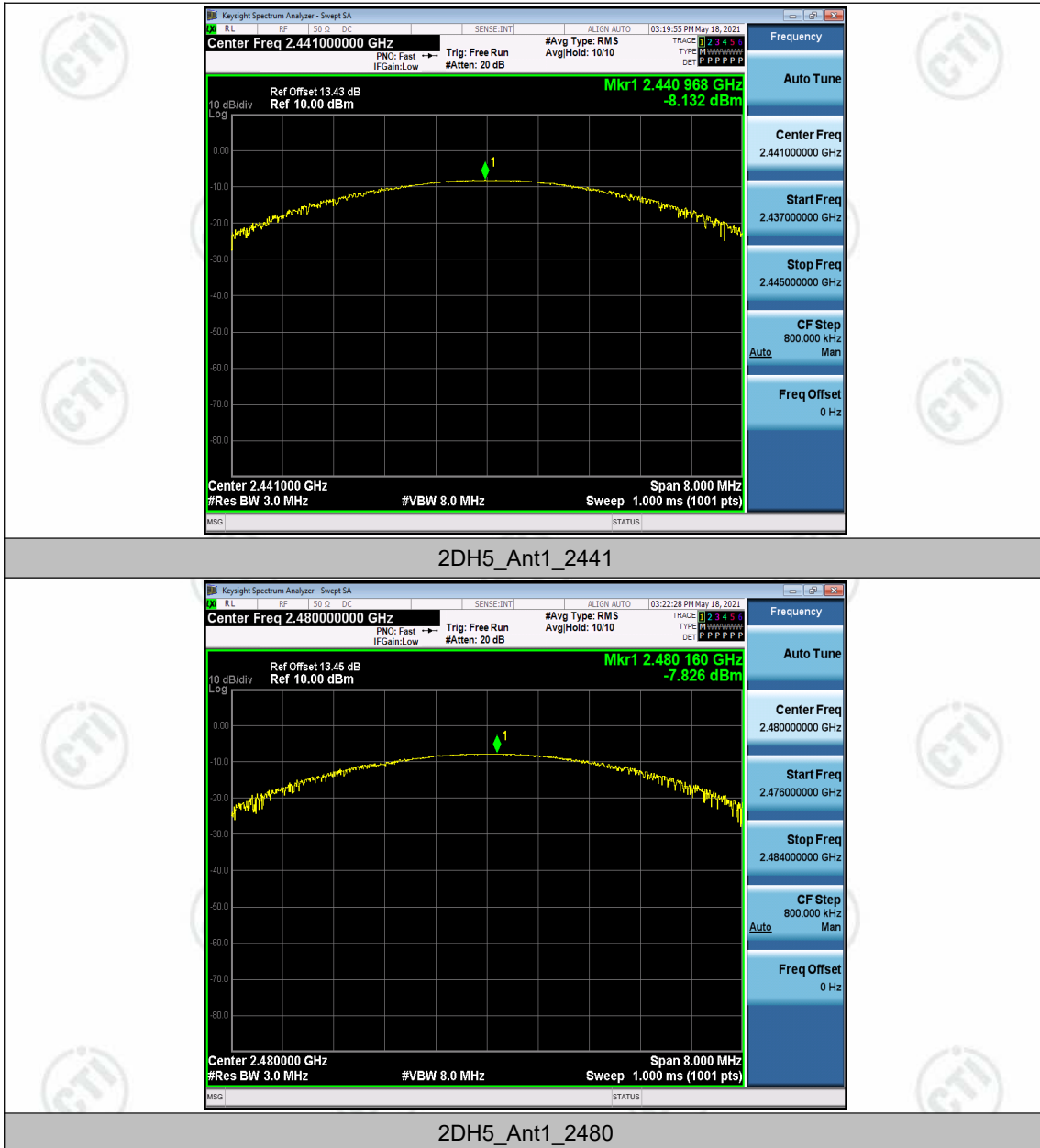


DH5_Ant1_2402



DH5_Ant1_2441





AppendixD: Carrier frequency separation

Test Result

| TestMode | Antenna | Channel | Result[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------|-------------|--------------|---------|
| DH5 | Ant1 | Hop_2402 | 1.14 | ≥ 0.927 | PASS |
| | | Hop_2441 | 0.95 | ≥ 0.927 | PASS |
| | | Hop_2480 | 0.958 | ≥ 0.927 | PASS |
| 2DH5 | Ant1 | Hop_2402 | 1.034 | ≥ 0.796 | PASS |
| | | Hop_2441 | 1.042 | ≥ 0.796 | PASS |
| | | Hop_2480 | 0.996 | ≥ 0.796 | PASS |

Test Graphs

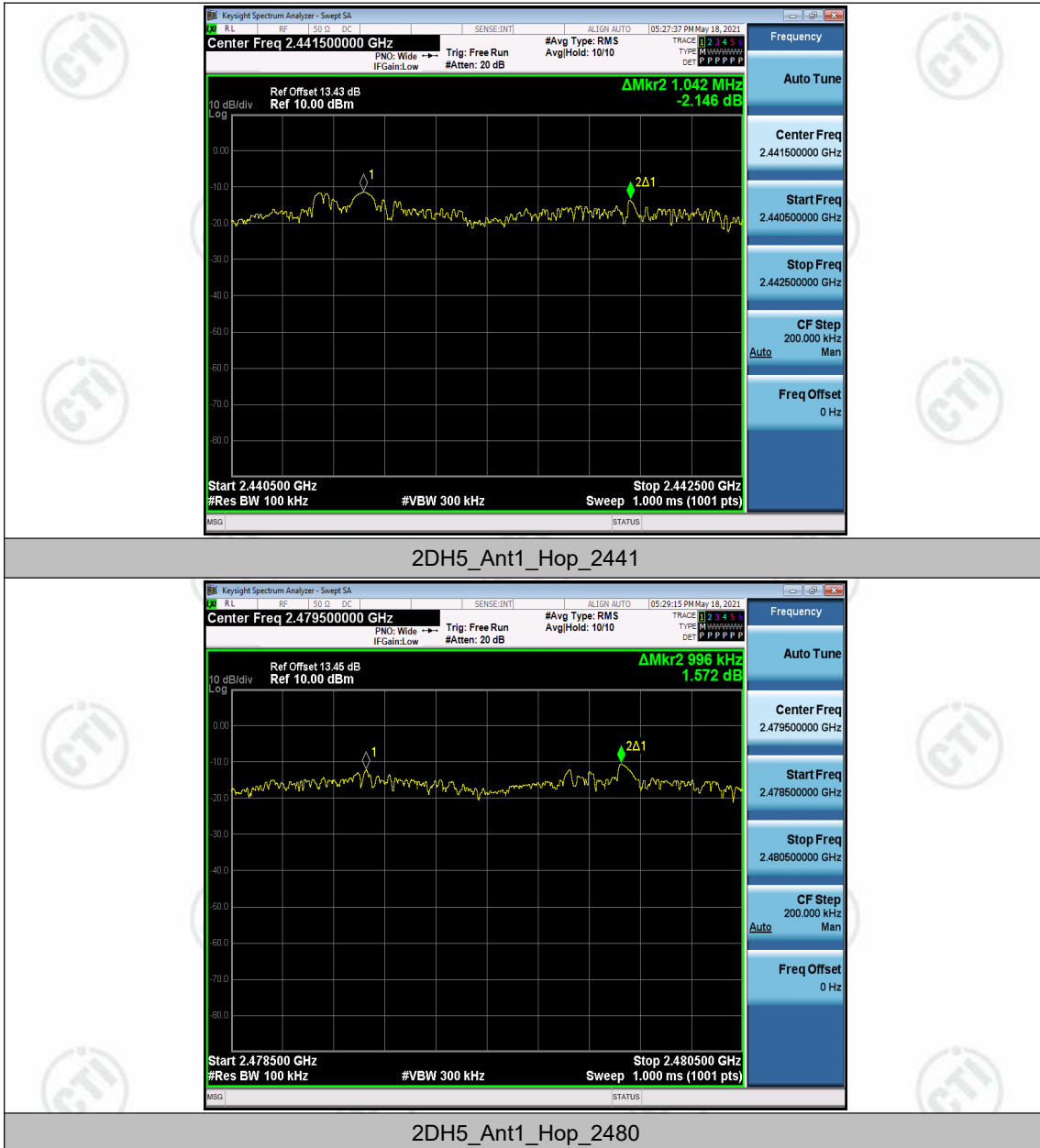


DH5_Ant1_Hop_2402



DH5_Ant1_Hop_2441



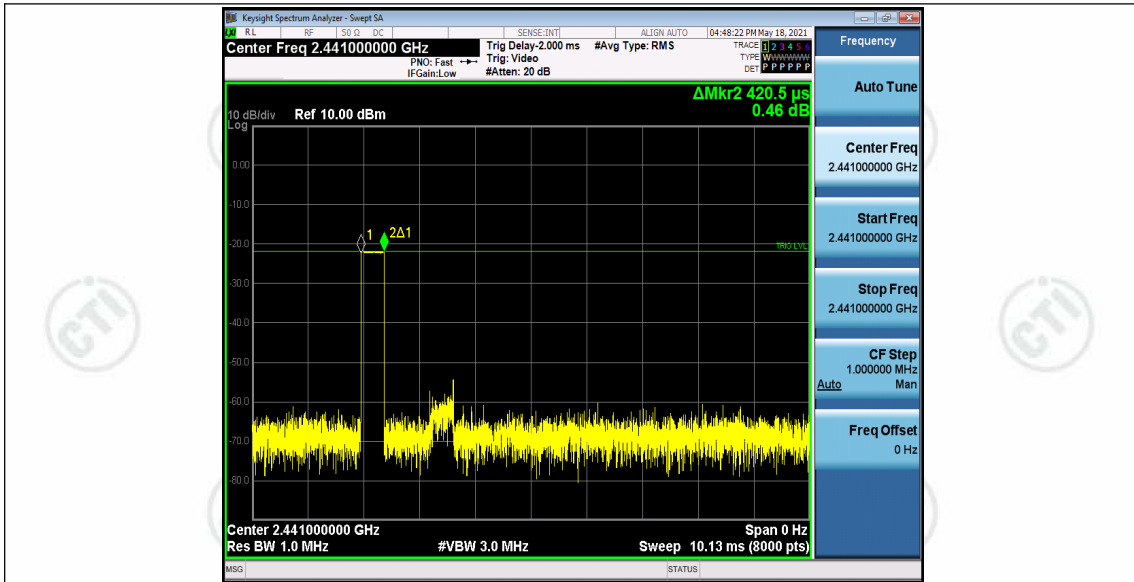


AppendixE: Time of occupancy

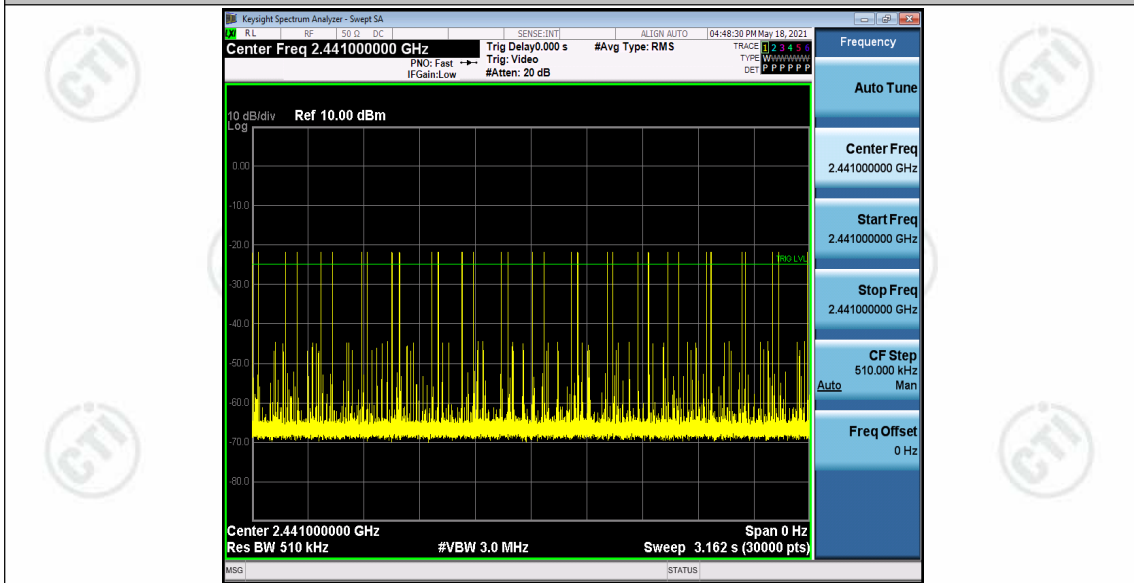
Test Result

| TestMode | Antenna | Channel | BurstWidth [ms] | TotalHops [Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|---------|-----------------|-----------------|-----------|----------|---------|
| DH1 | Ant1 | Hop | 0.42 | 330 | 0.139 | <=0.4 | PASS |
| DH3 | Ant1 | Hop | 1.68 | 150 | 0.252 | <=0.4 | PASS |
| DH5 | Ant1 | Hop | 2.92 | 80 | 0.234 | <=0.4 | PASS |
| 2DH1 | Ant1 | Hop | 0.43 | 320 | 0.138 | <=0.4 | PASS |
| 2DH3 | Ant1 | Hop | 1.68 | 150 | 0.252 | <=0.4 | PASS |
| 2DH5 | Ant1 | Hop | 2.93 | 130 | 0.381 | <=0.4 | PASS |

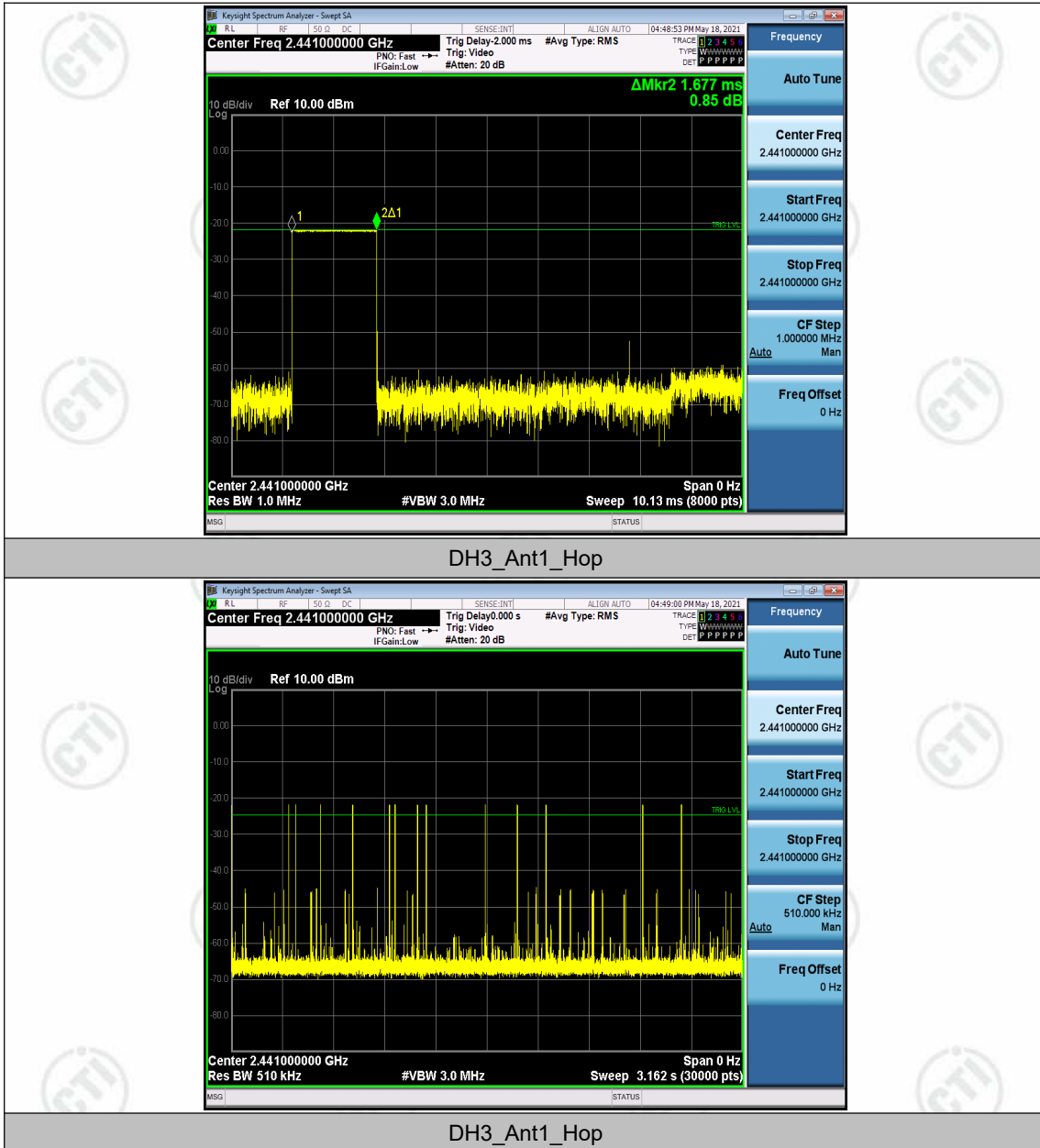
Test Graphs

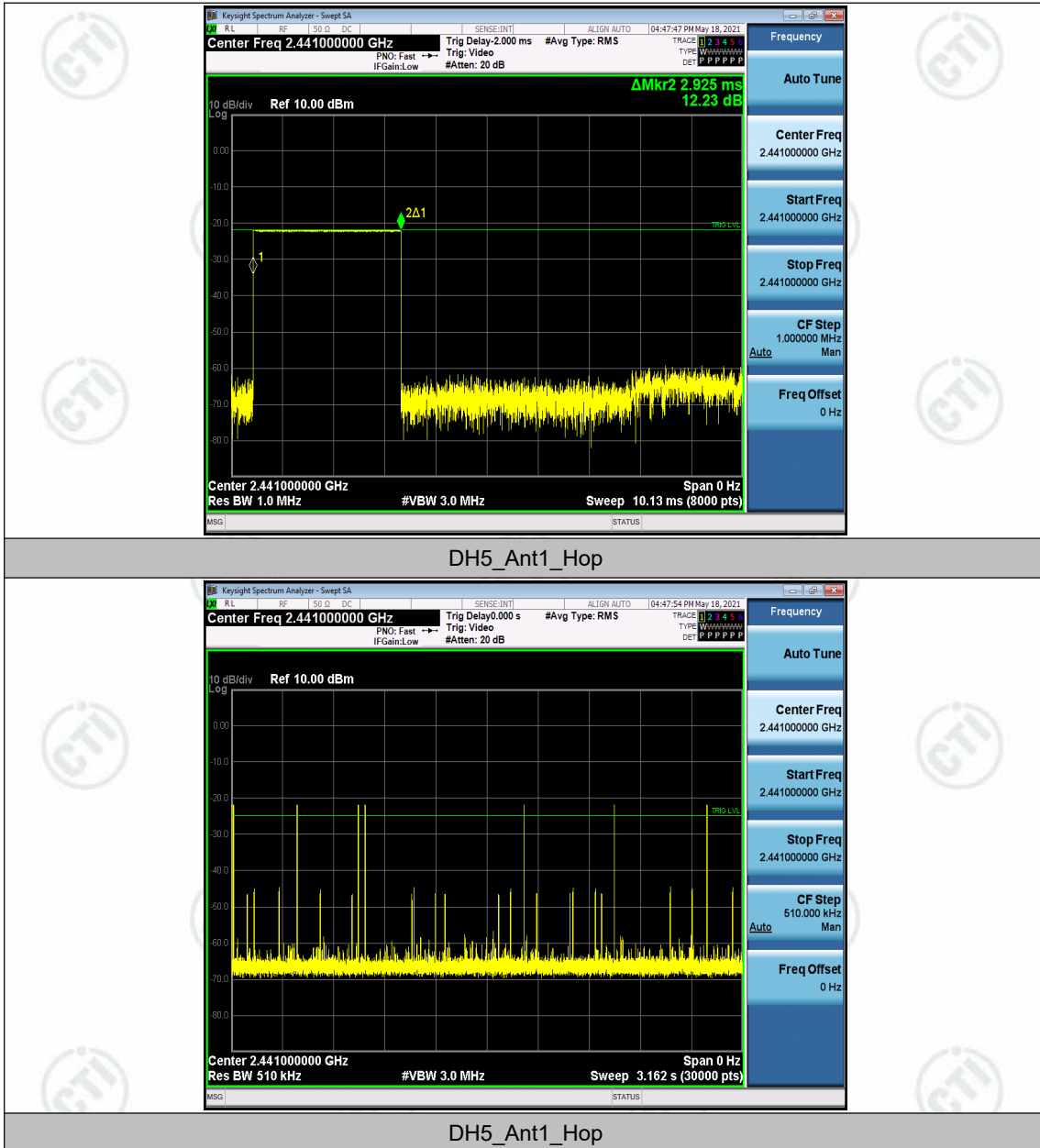


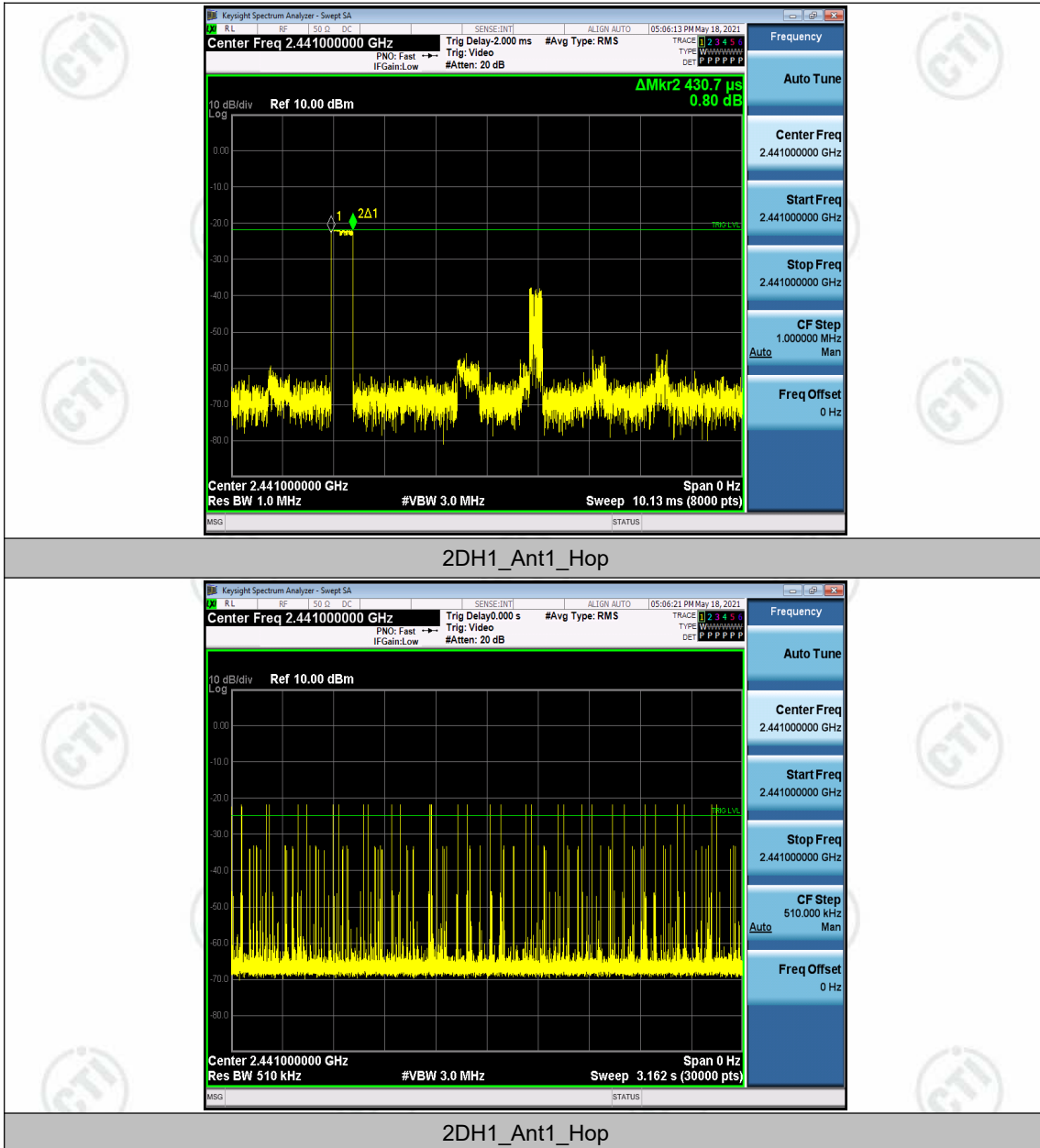
DH1_Ant1_Hop

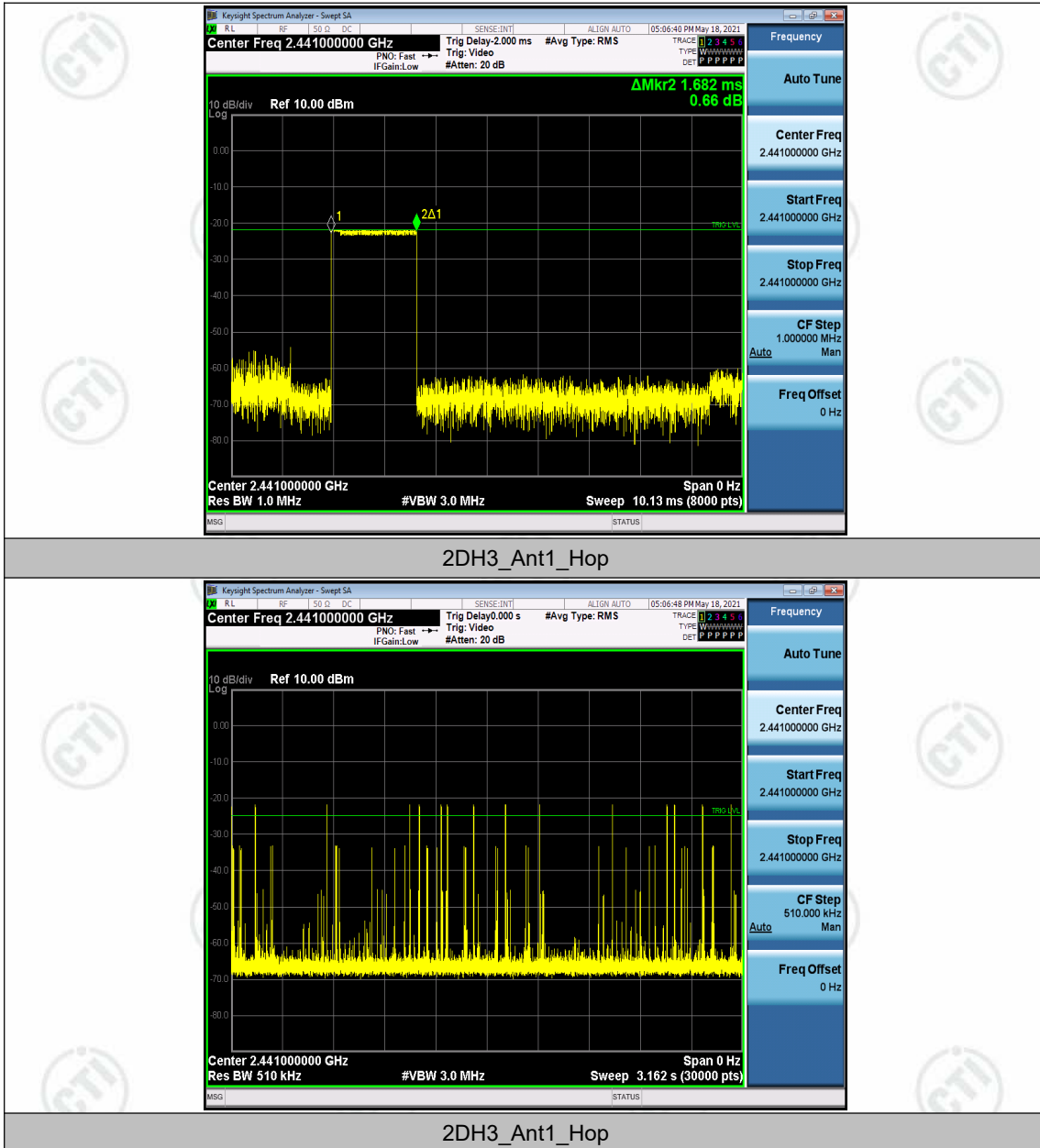


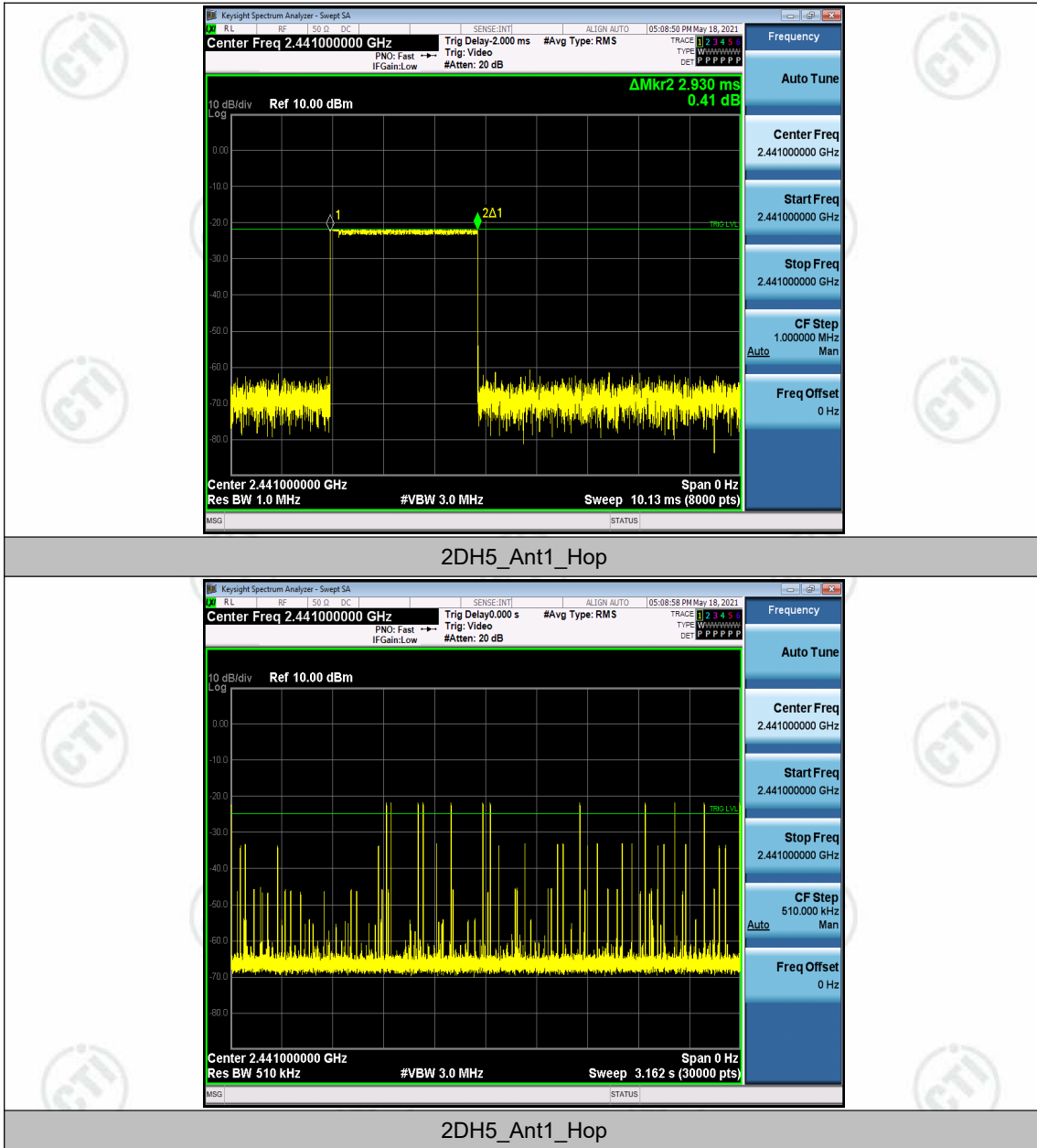
DH1_Ant1_Hop







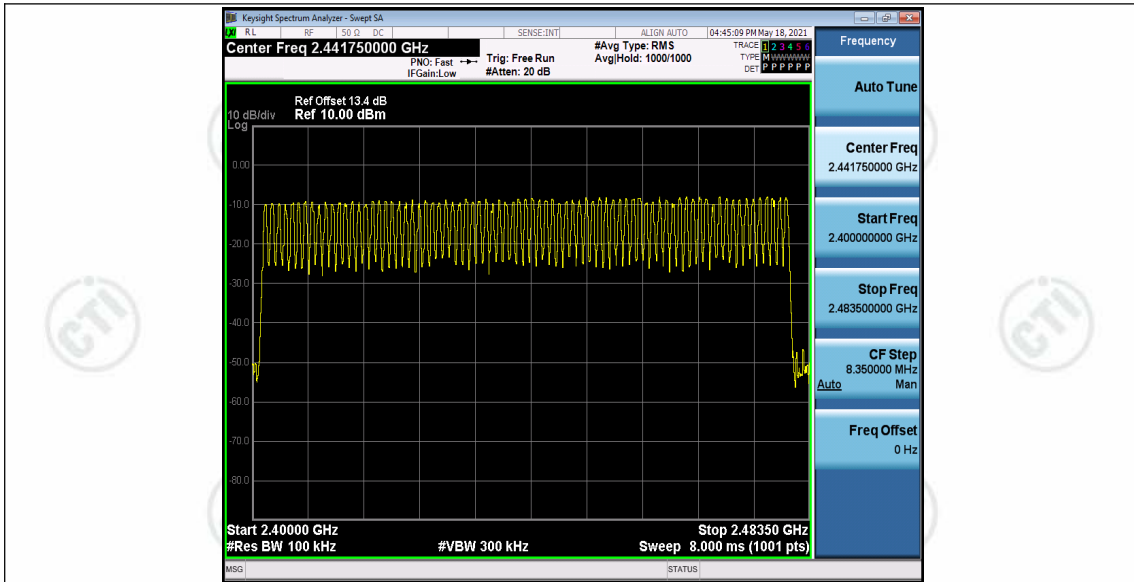




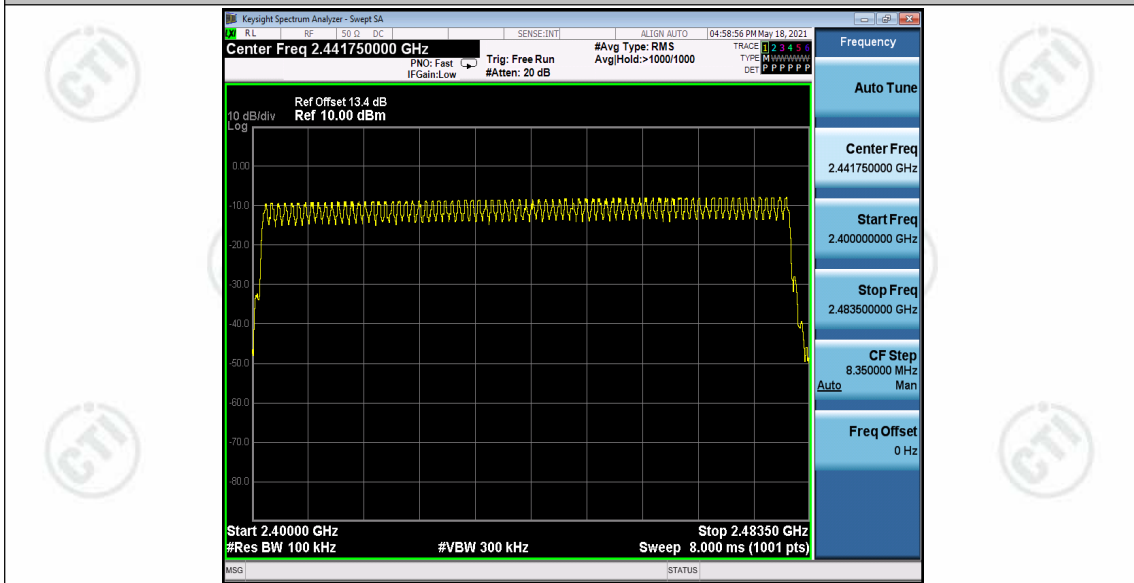
AppendixF: Number of hopping channels**Test Result**

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

Test Graphs



DH5_Ant1_Hop



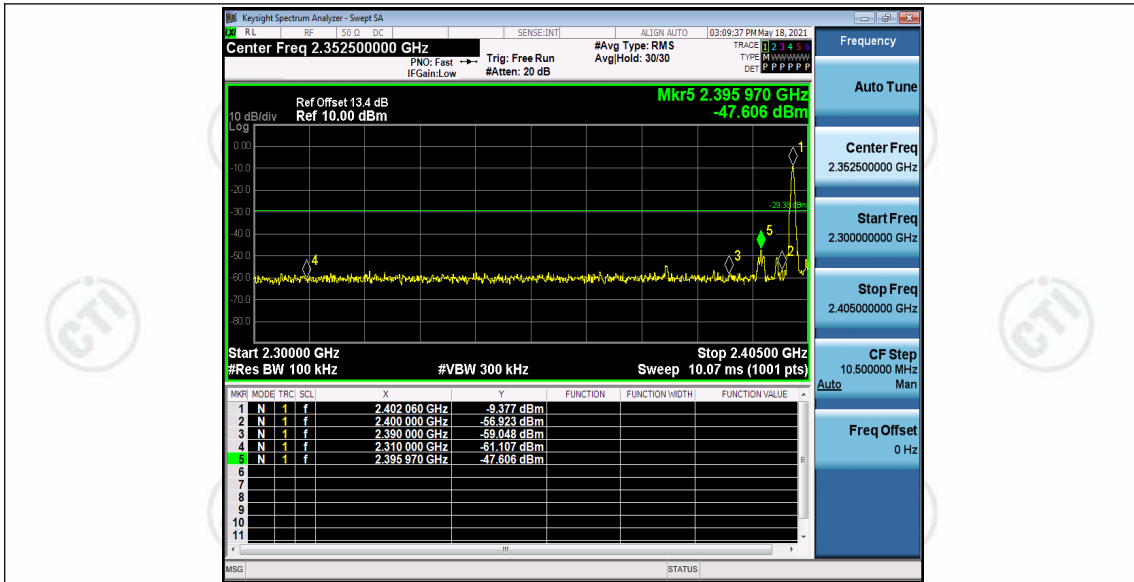
2DH5_Ant1_Hop

Appendix G: Band edge measurements

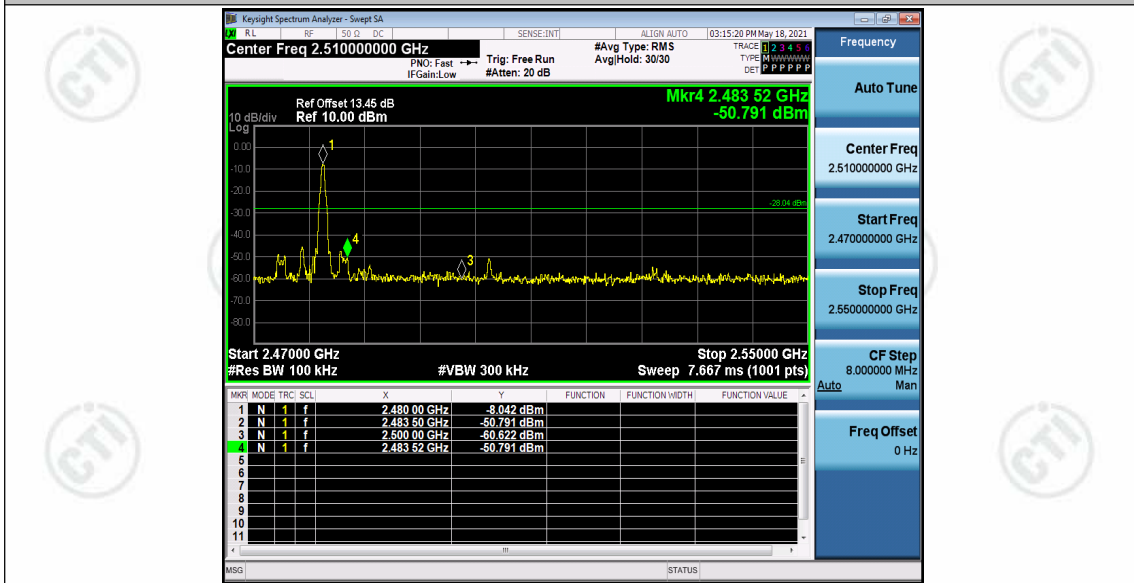
Test Result

| TestMode | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|--------|----------|----------------|--------------|-------------|---------|
| DH5 | Ant1 | Low | 2402 | -9.38 | -47.61 | <=-29.38 | PASS |
| | | High | 2480 | -8.04 | -50.79 | <=-28.04 | PASS |
| | | Low | Hop_2402 | -9.58 | -52.66 | <=-29.58 | PASS |
| | | High | Hop_2480 | -8.00 | -51.77 | <=-28 | PASS |
| 2DH5 | Ant1 | Low | 2402 | -11.19 | -45.89 | <=-31.19 | PASS |
| | | High | 2480 | -10.46 | -50.17 | <=-30.46 | PASS |
| | | Low | Hop_2402 | -9.53 | -55.38 | <=-29.53 | PASS |
| | | High | Hop_2480 | -7.84 | -52.41 | <=-27.84 | PASS |

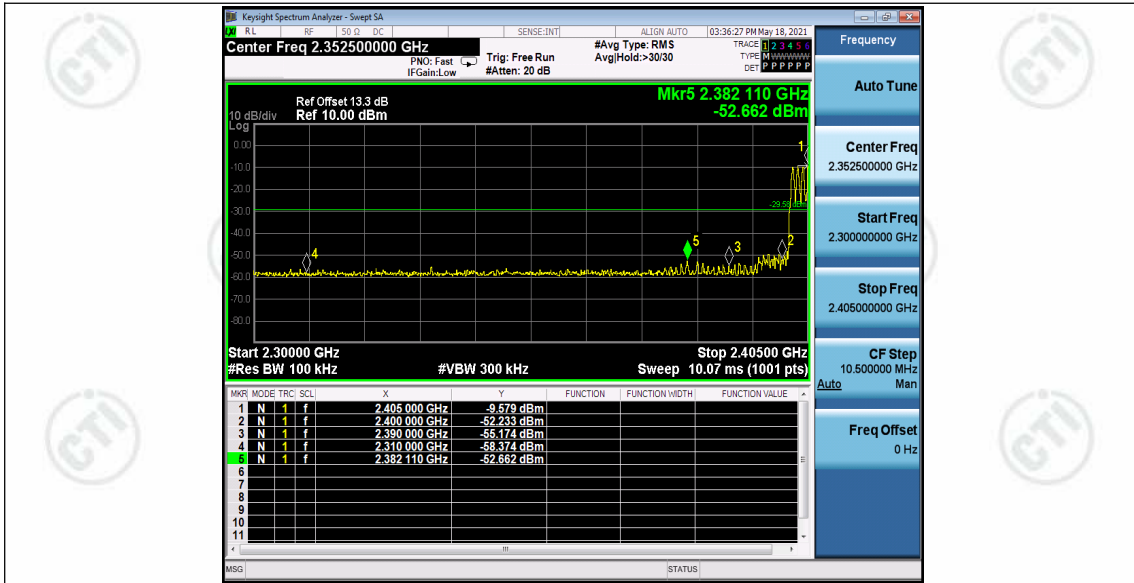
Test Graphs



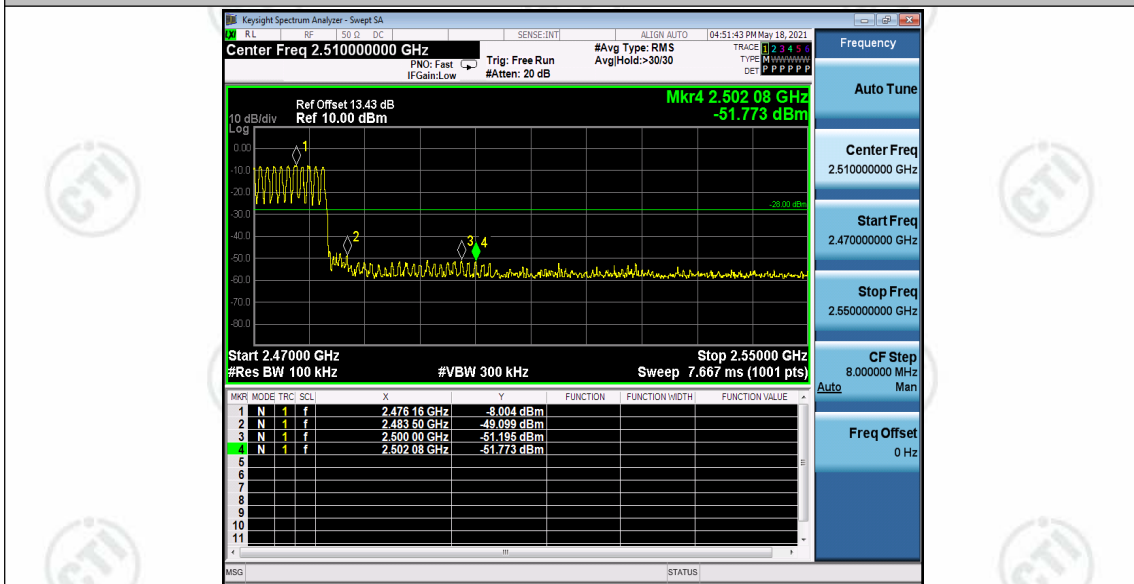
DH5_Ant1_Low_2402



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480