

21 APPENDIX

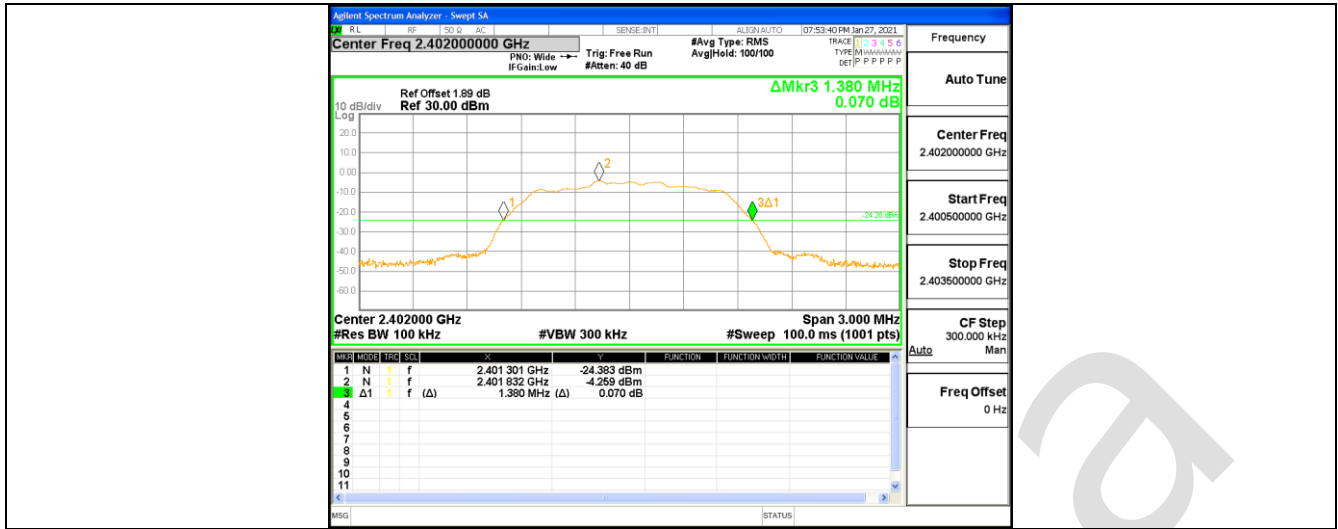
21.1 APPENDIX A: 20DB EMISSION BANDWIDTH

Test Result

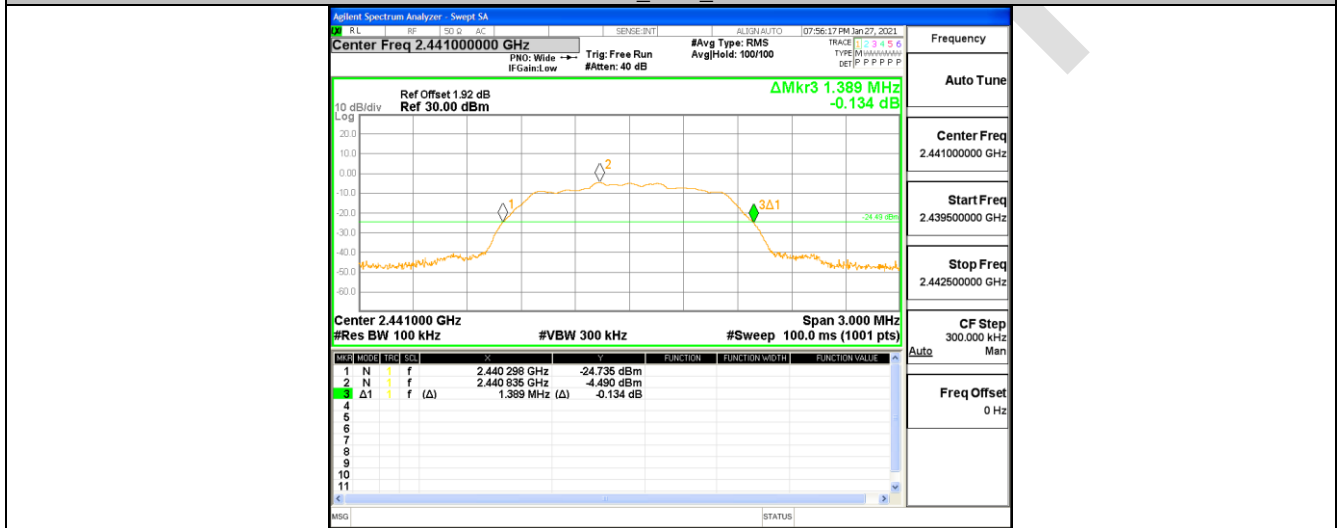
| TestMode | Antenna | Channel | 20db EBW[MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|------------------|----------|----------|------------|---------|
| DH1 | Ant1 | 2402 | 1.107 | 2401.439 | 2402.546 | --- | PASS |
| | | 2441 | 1.104 | 2440.442 | 2441.546 | --- | PASS |
| | | 2480 | 1.107 | 2479.439 | 2480.546 | --- | PASS |
| 2DH1 | Ant1 | 2402 | 1.380 | 2401.301 | 2402.681 | --- | PASS |
| | | 2441 | 1.389 | 2440.298 | 2441.687 | --- | PASS |
| | | 2480 | 1.389 | 2479.298 | 2480.687 | --- | PASS |
| 3DH1 | Ant1 | 2402 | 1.368 | 2401.310 | 2402.678 | --- | PASS |
| | | 2441 | 1.365 | 2440.310 | 2441.675 | --- | PASS |
| | | 2480 | 1.368 | 2479.310 | 2480.678 | --- | PASS |

Test Graphs

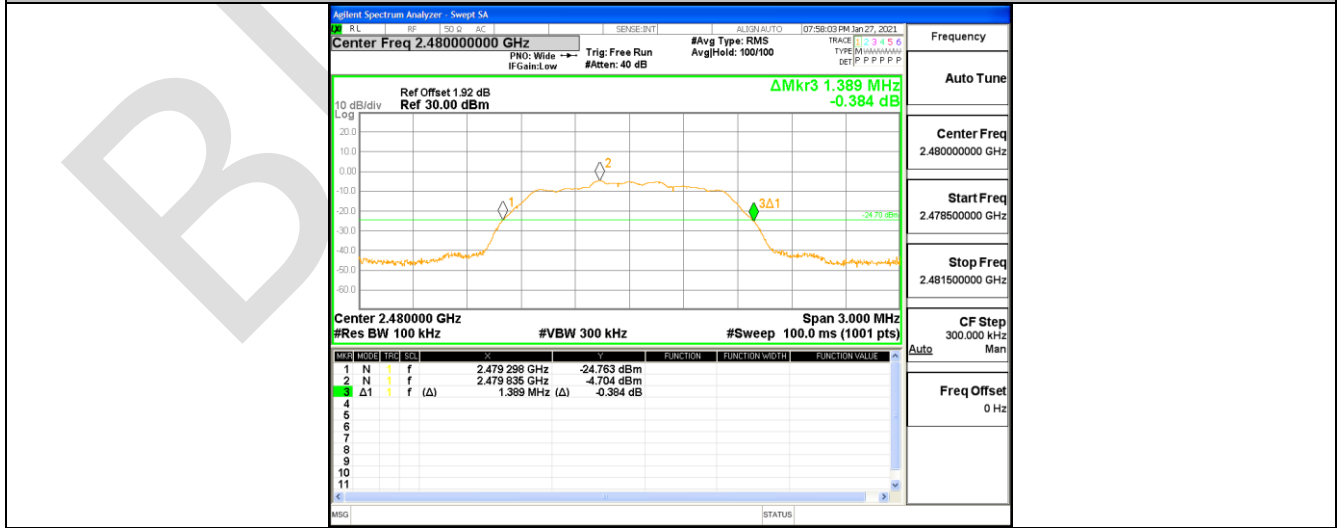




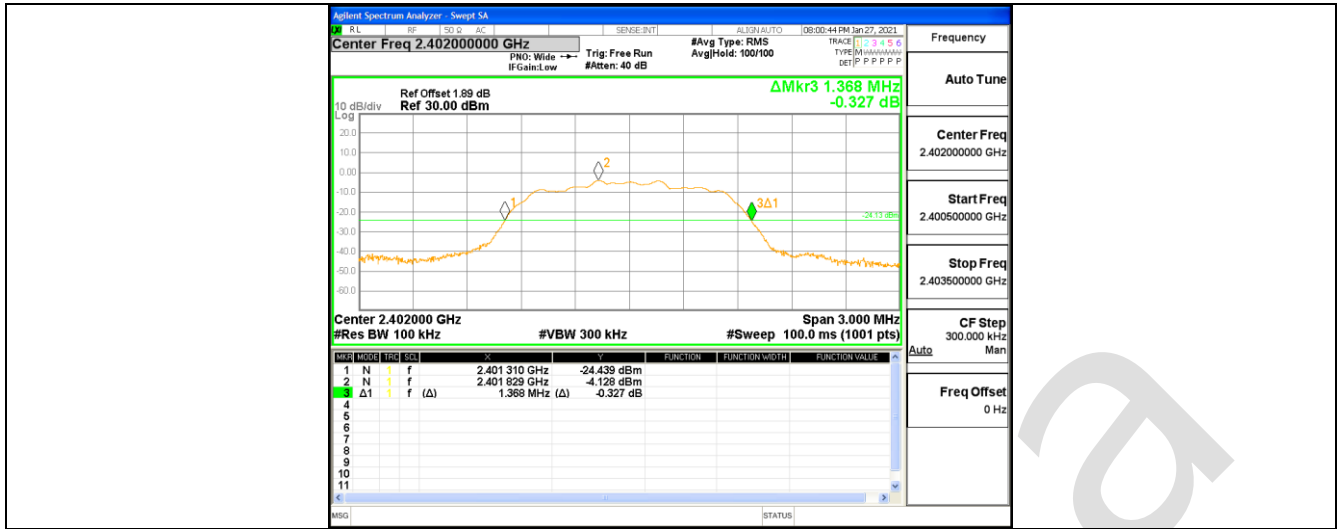
2DH1_Ant1_2441



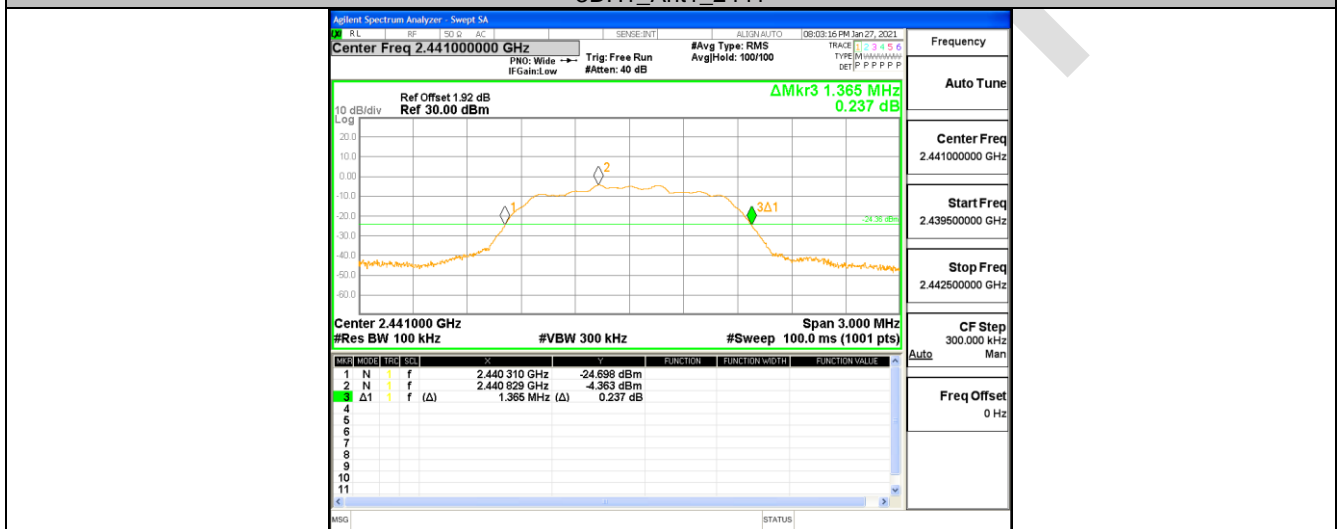
2DH1_Ant1_2440



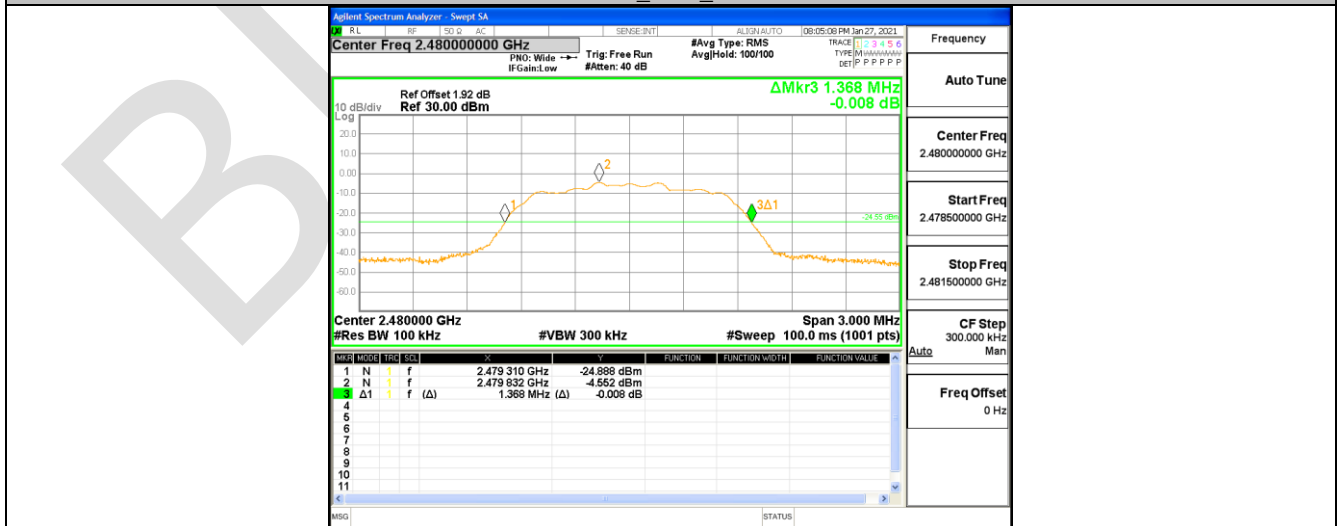
3DH1_Ant1_2402



3DH1_Ant1_2441



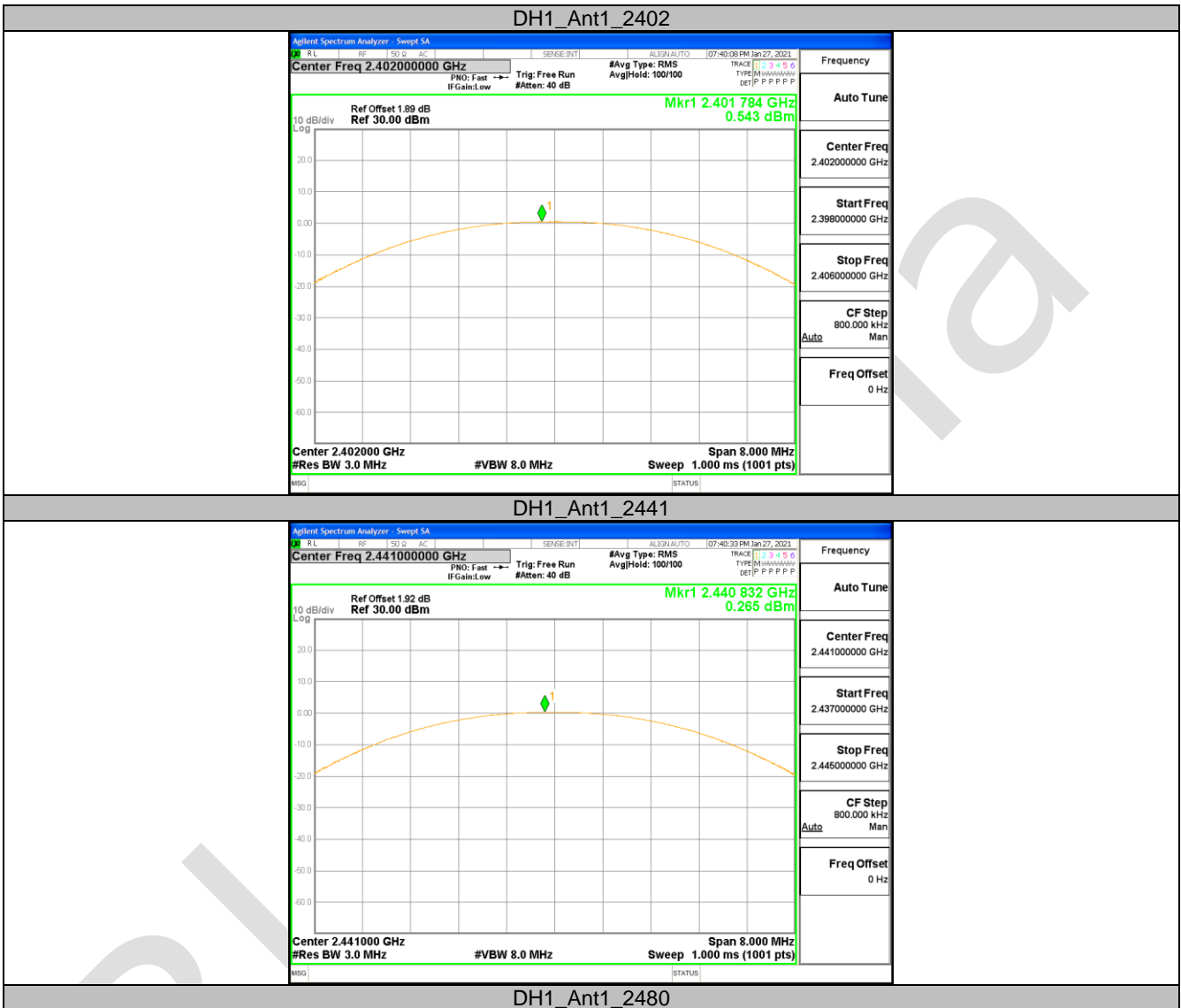
3DH1_Ant1_2440

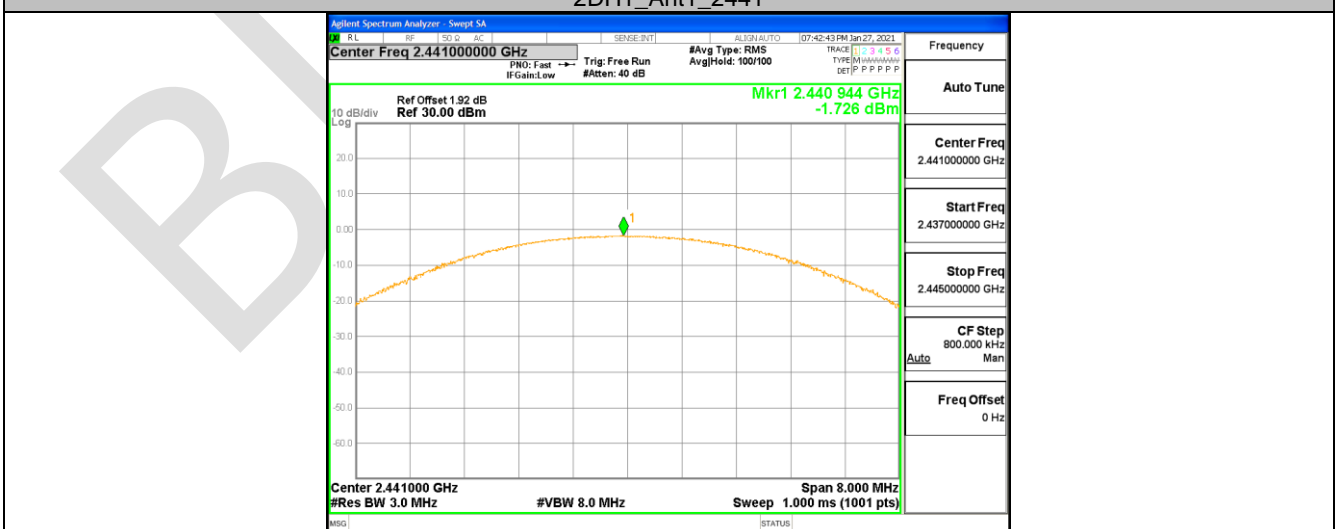
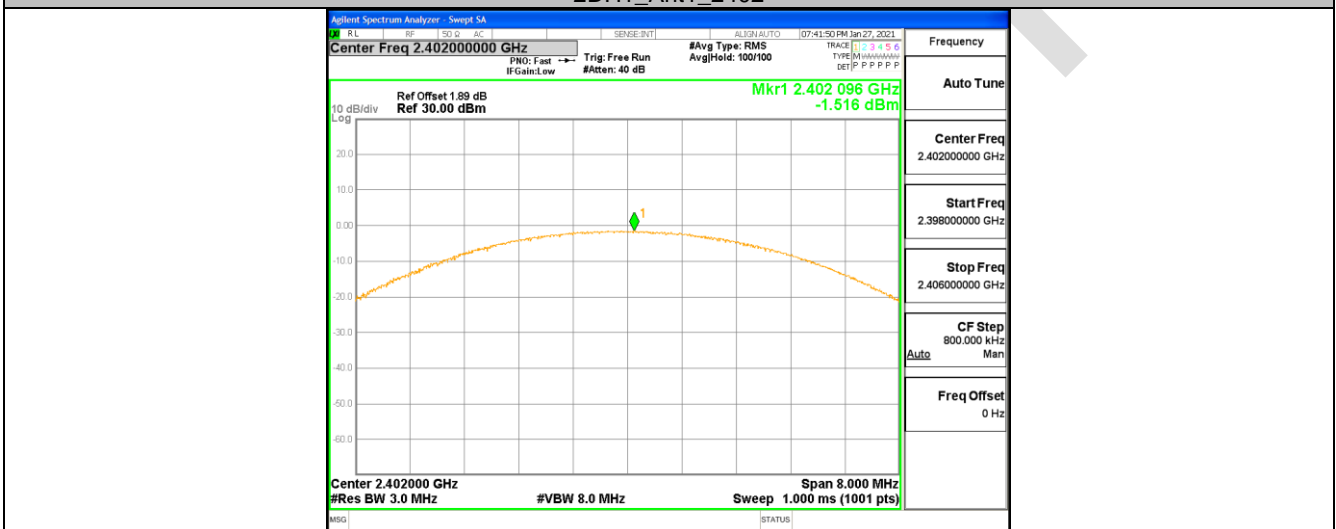
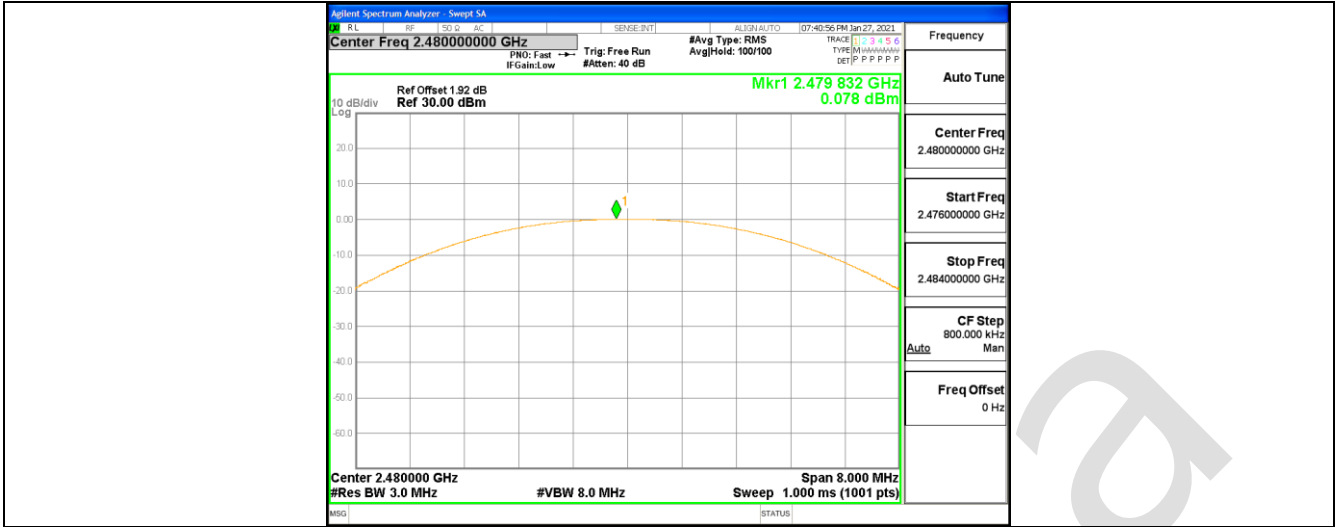


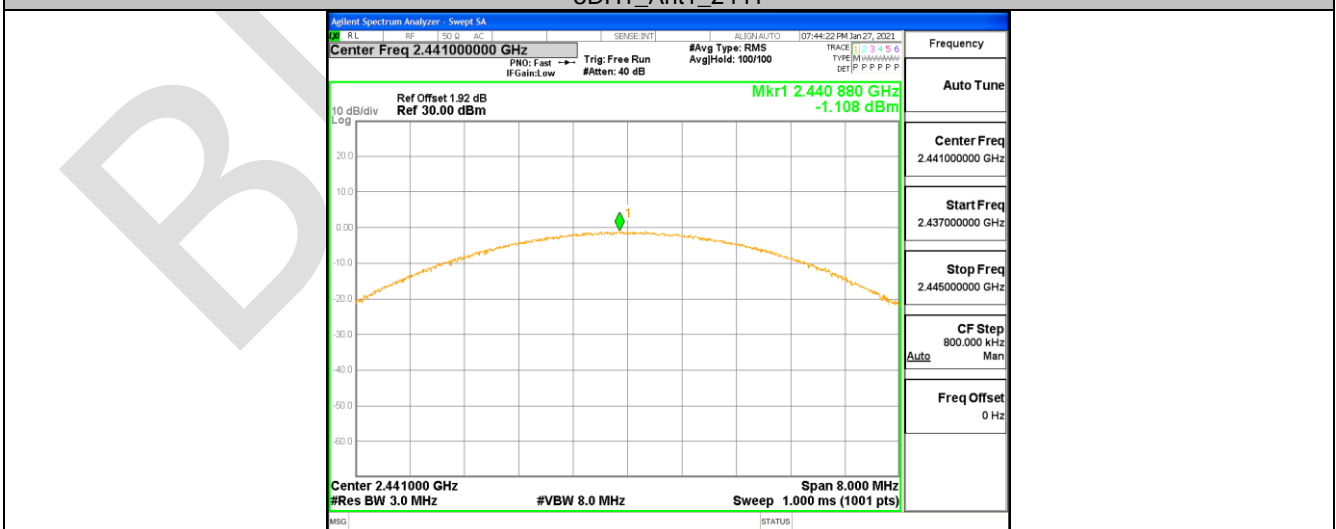
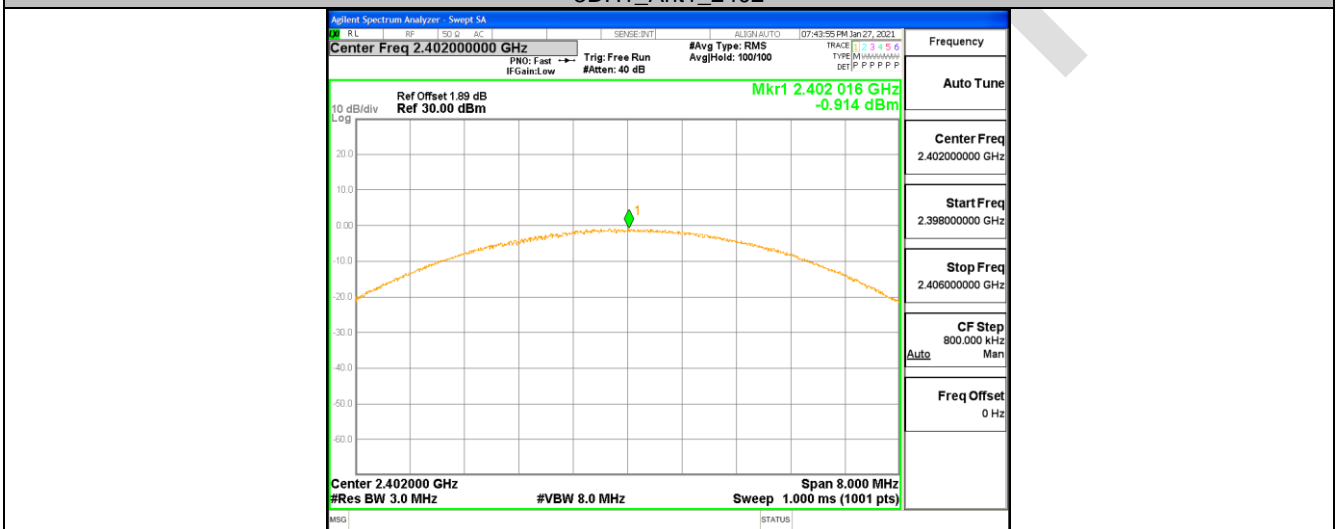
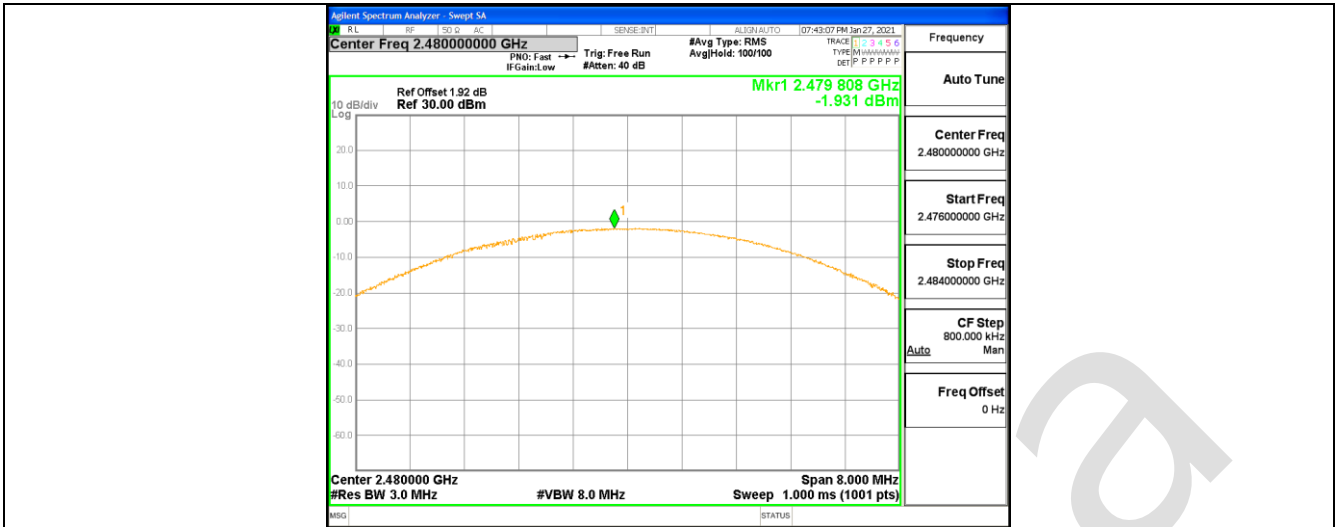
21.2 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER
Test Result

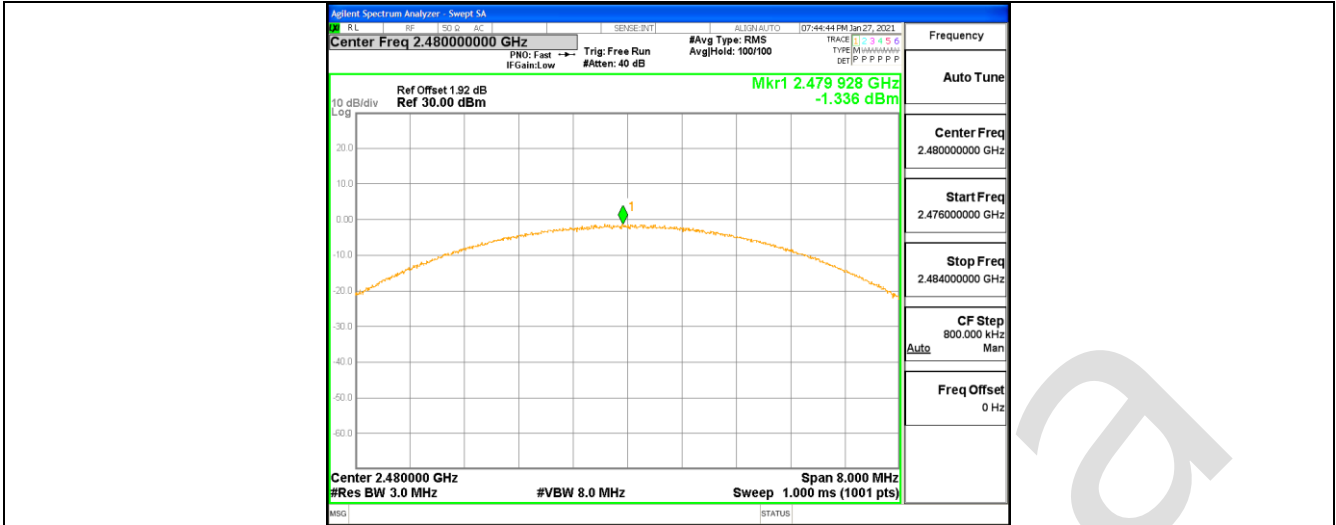
| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH1 | Ant1 | 2402 | 0.54 | <=30 | PASS |
| | | 2441 | 0.27 | <=30 | PASS |
| | | 2480 | 0.08 | <=30 | PASS |
| 2DH1 | Ant1 | 2402 | -1.52 | <=30 | PASS |
| | | 2441 | -1.73 | <=30 | PASS |
| | | 2480 | -1.93 | <=30 | PASS |
| 3DH1 | Ant1 | 2402 | -0.91 | <=30 | PASS |
| | | 2441 | -1.11 | <=30 | PASS |
| | | 2480 | -1.34 | <=30 | PASS |

Test Graphs









21.3 APPENDIX D: CARRIER FREQUENCY SEPARATION**Test Result**

| TestMode | Antenna | Channel | Result[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|-------------|--------------|---------|
| DH1 | Ant1 | Hop | 0.984 | ≥ 0.738 | PASS |
| 2DH1 | Ant1 | Hop | 1.006 | ≥ 0.926 | PASS |
| 3DH1 | Ant1 | Hop | 1.322 | ≥ 0.912 | PASS |

BlueAsia

Test Graphs



21.4 APPENDIX E: TIME OF OCCUPANCY

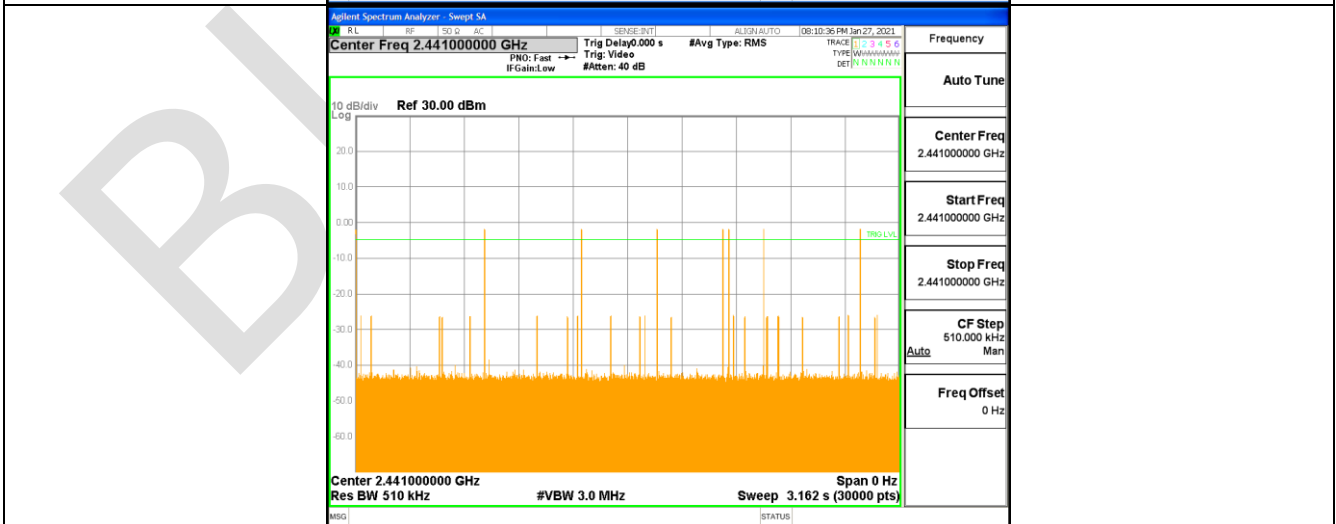
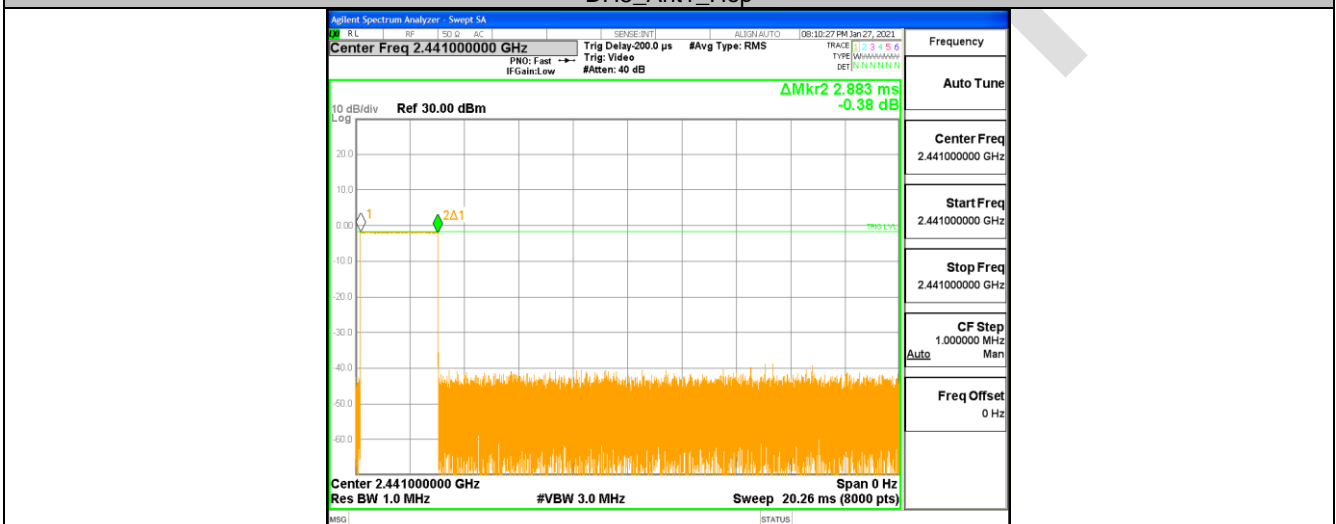
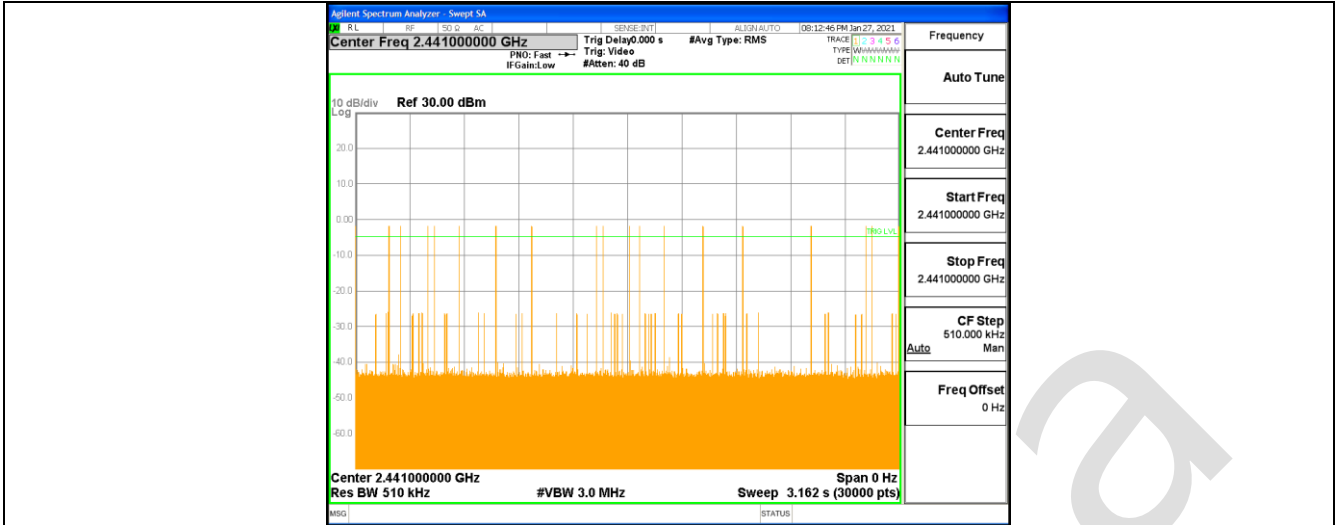
Test Result

| TestMode | Antenna | Channel | BurstWidth [ms] | TotalHops [Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|---------|--------------------|--------------------|-----------|----------|---------|
| DH1 | Ant1 | Hop | 0.38 | 330 | 0.126 | <=0.4 | PASS |
| DH3 | Ant1 | Hop | 1.64 | 190 | 0.311 | <=0.4 | PASS |
| DH5 | Ant1 | Hop | 2.88 | 80 | 0.231 | <=0.4 | PASS |

BlueAsia

Test Graphs





21.5 APPENDIX F: NUMBER OF HOPPING CHANNELS**Test Result**

| TestMode | Antenna | Channel | Result[Num] | Limit[Num] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH1 | Ant1 | Hop | 79 | ≥ 15 | PASS |
| 2DH1 | Ant1 | Hop | 79 | ≥ 15 | PASS |
| 3DH1 | Ant1 | Hop | 79 | ≥ 15 | PASS |

BlueAsia

Test Graphs

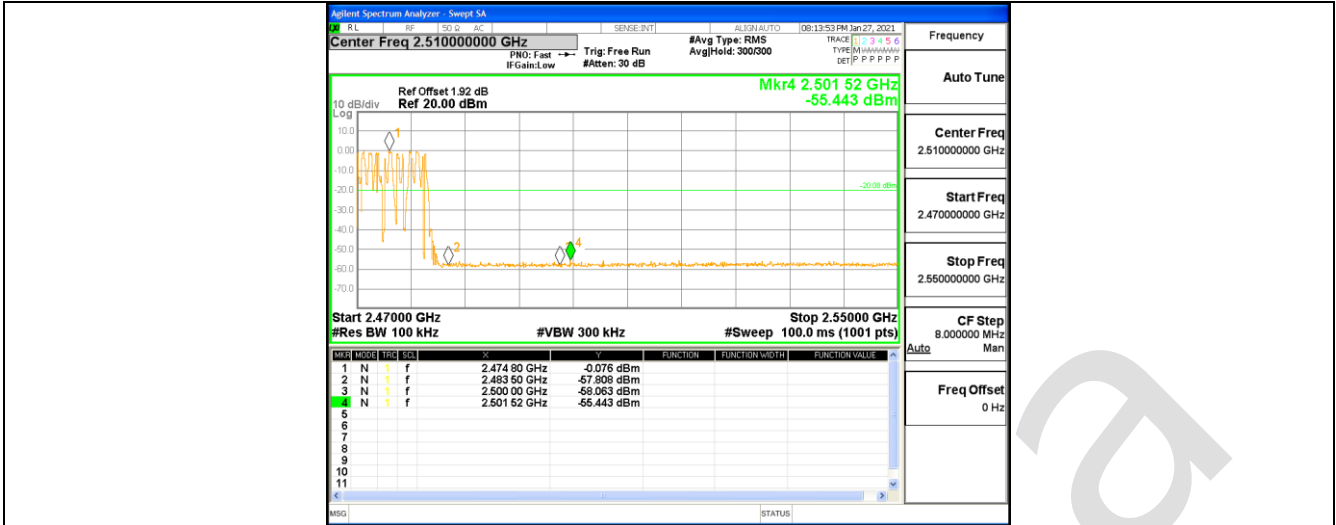


21.6 APPENDIX G: BAND EDGE MEASUREMENTS
Test Result

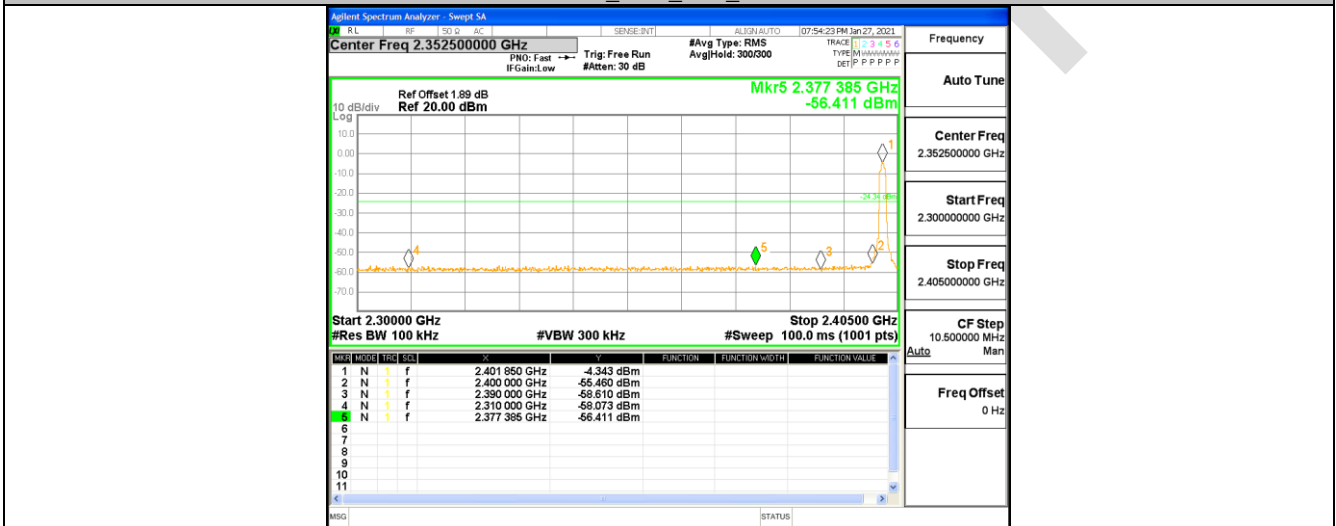
| TestMode | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|--------|----------|----------------|--------------|-------------|---------|
| DH1 | Ant1 | Low | 2402 | 0.29 | -56.39 | <=-19.71 | PASS |
| | | High | 2480 | -0.13 | -55.33 | <=-20.13 | PASS |
| | | Low | Hop_2402 | -0.71 | -56.21 | -20.71 | PASS |
| | | High | Hop_2480 | -0.08 | -55.44 | -20.08 | PASS |
| 2DH1 | Ant1 | Low | 2402 | -4.34 | -56.41 | <=-24.34 | PASS |
| | | High | 2480 | -4.73 | -55.35 | <=-24.73 | PASS |
| | | Low | Hop_2402 | -5.42 | -56.05 | -25.42 | PASS |
| | | High | Hop_2480 | -4.63 | -55.14 | -24.63 | PASS |
| 3DH1 | Ant1 | Low | 2402 | -4.20 | -56.38 | <=-24.2 | PASS |
| | | High | 2480 | -4.58 | -55.8 | <=-24.58 | PASS |
| | | Low | Hop_2402 | -4.15 | -56.56 | -24.15 | PASS |
| | | High | Hop_2480 | -4.78 | -55.25 | -24.78 | PASS |

Test Graphs

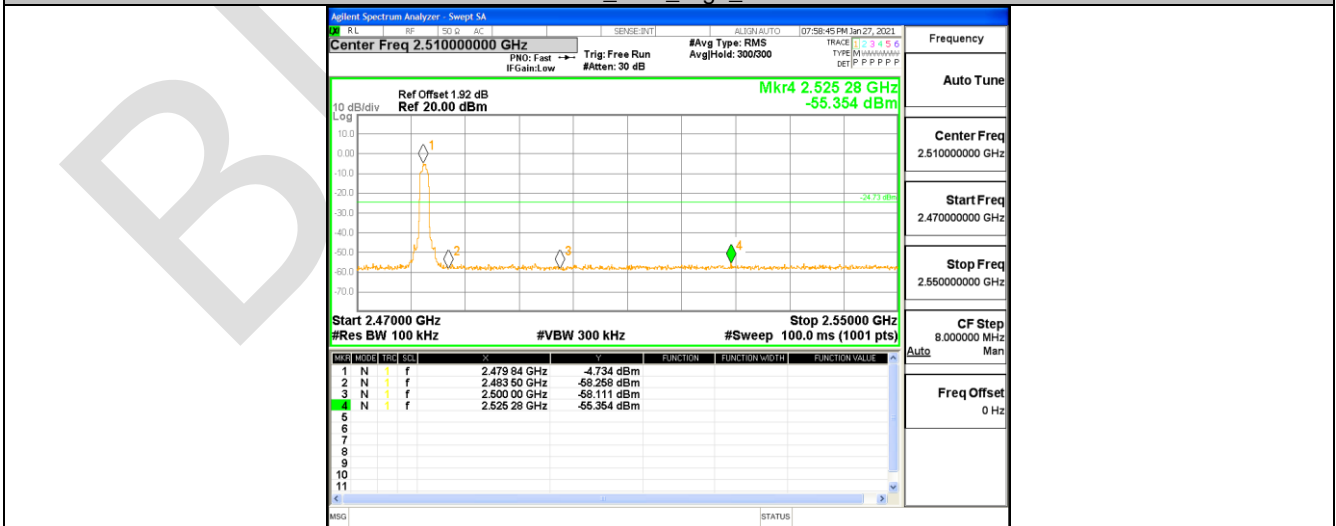




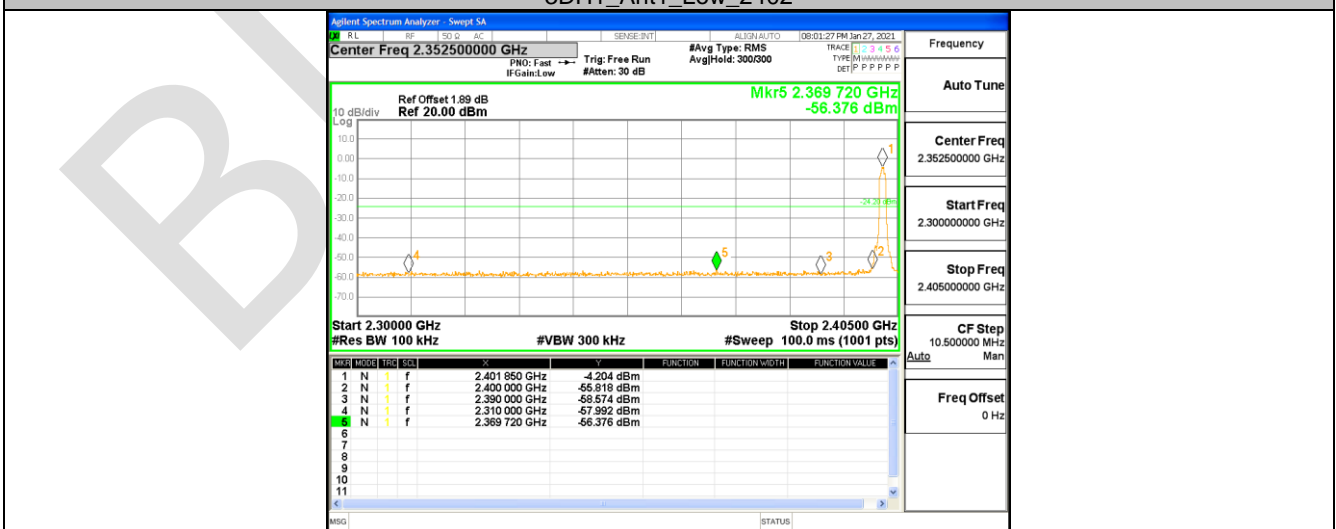
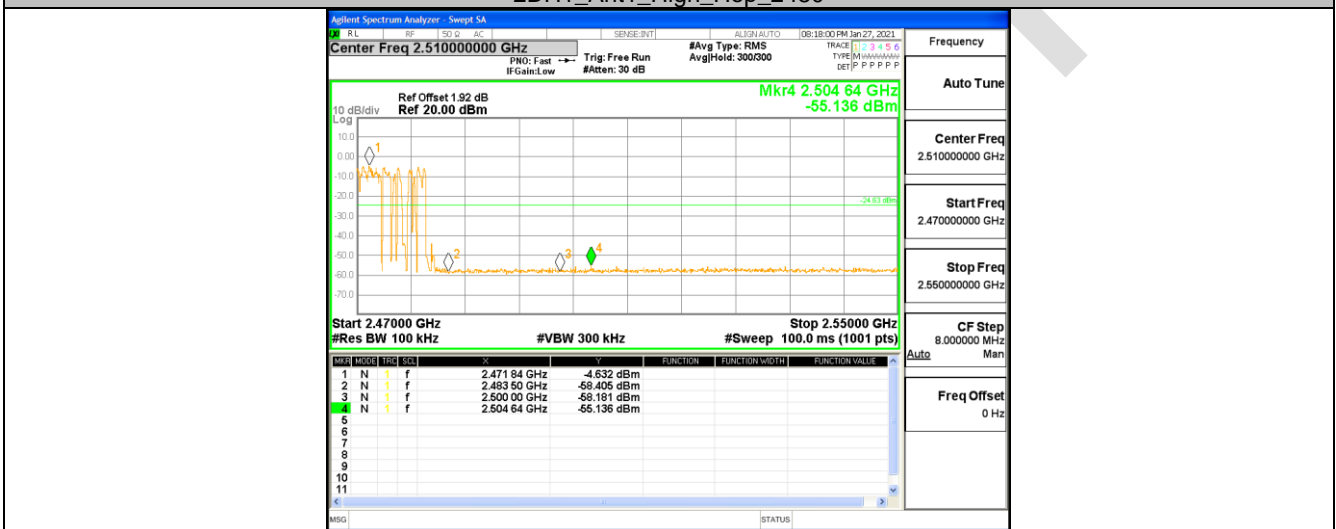
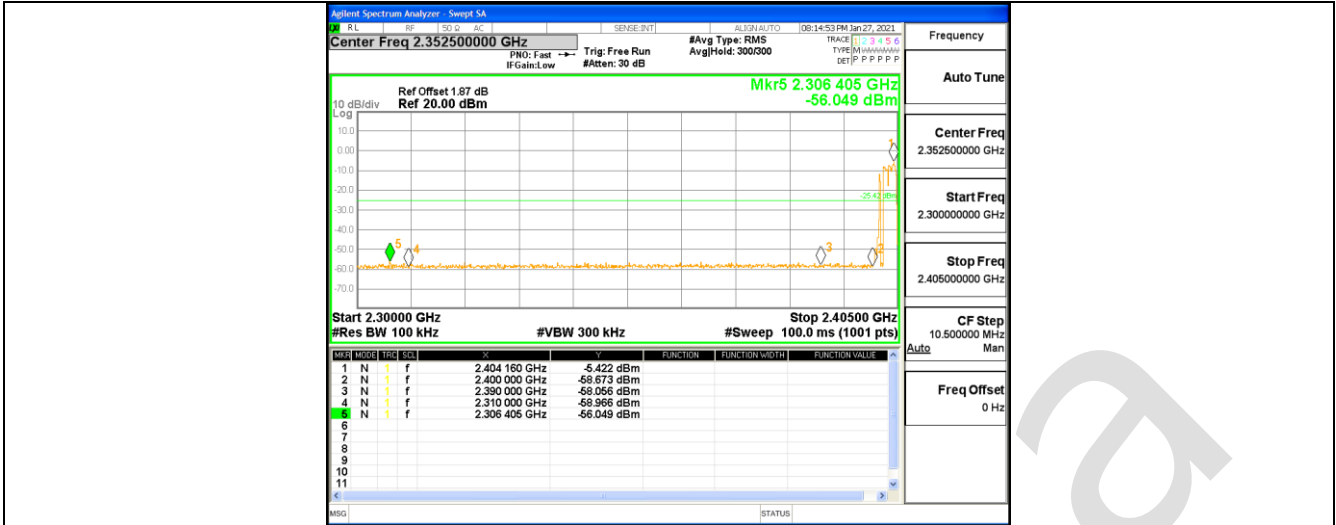
2DH1_Ant1_Low_2402

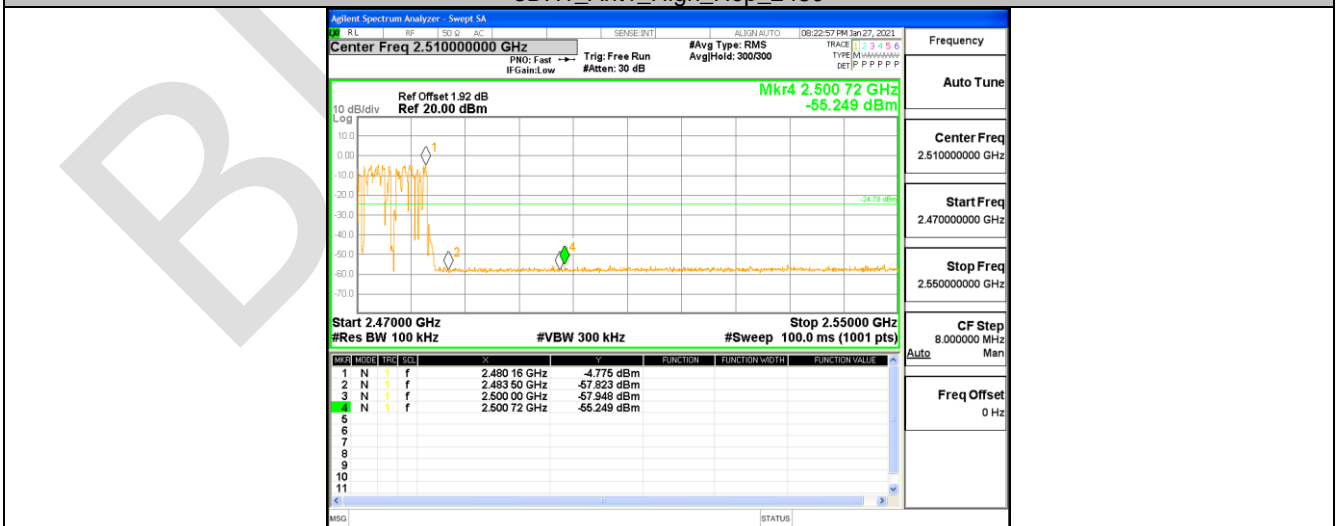
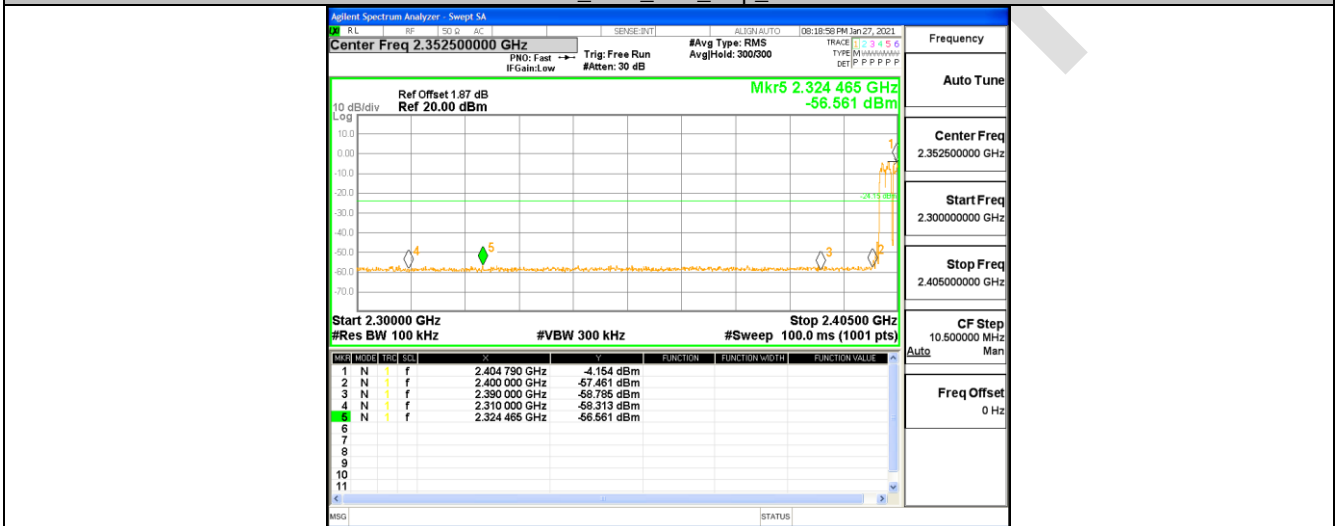
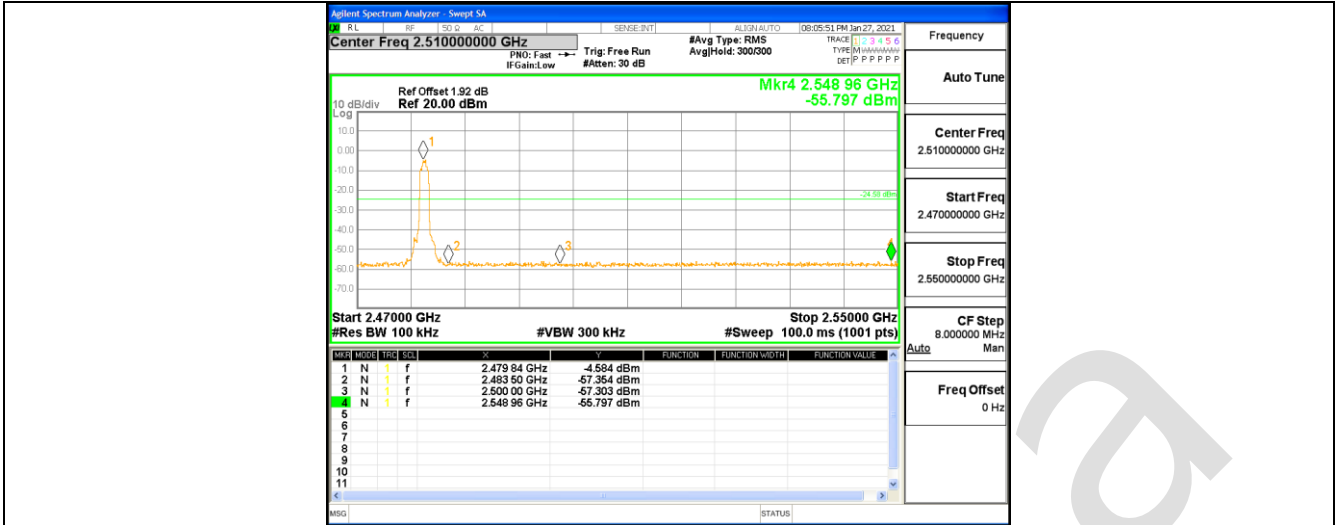


2DH1_Ant1_High_2480



2DH1_Ant1_Low_Hop_2402

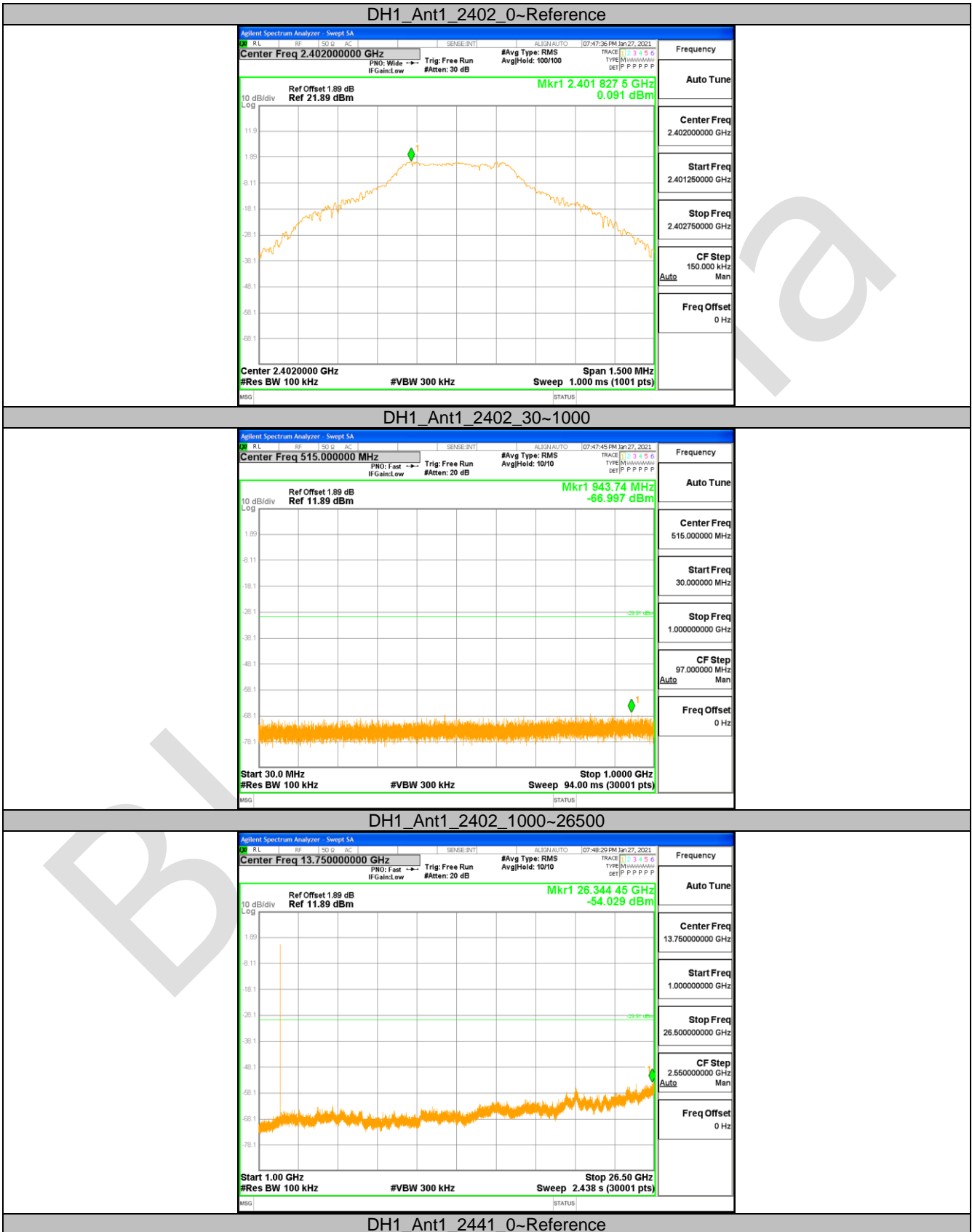


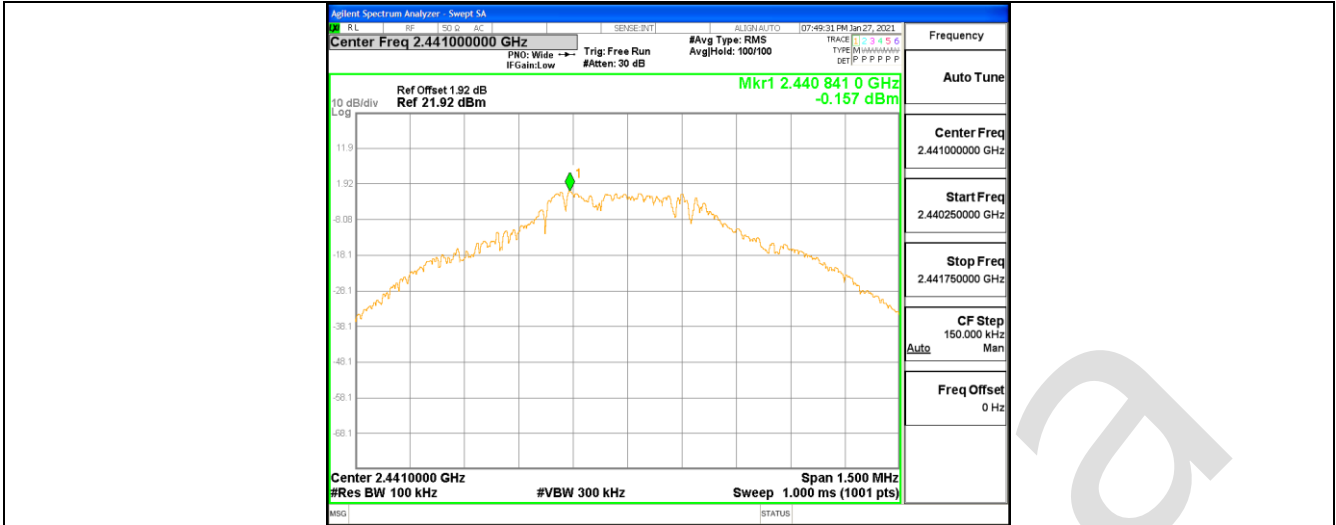


21.7 APPENDIX H: CONDUCTED SPURIOUS EMISSION
Test Result

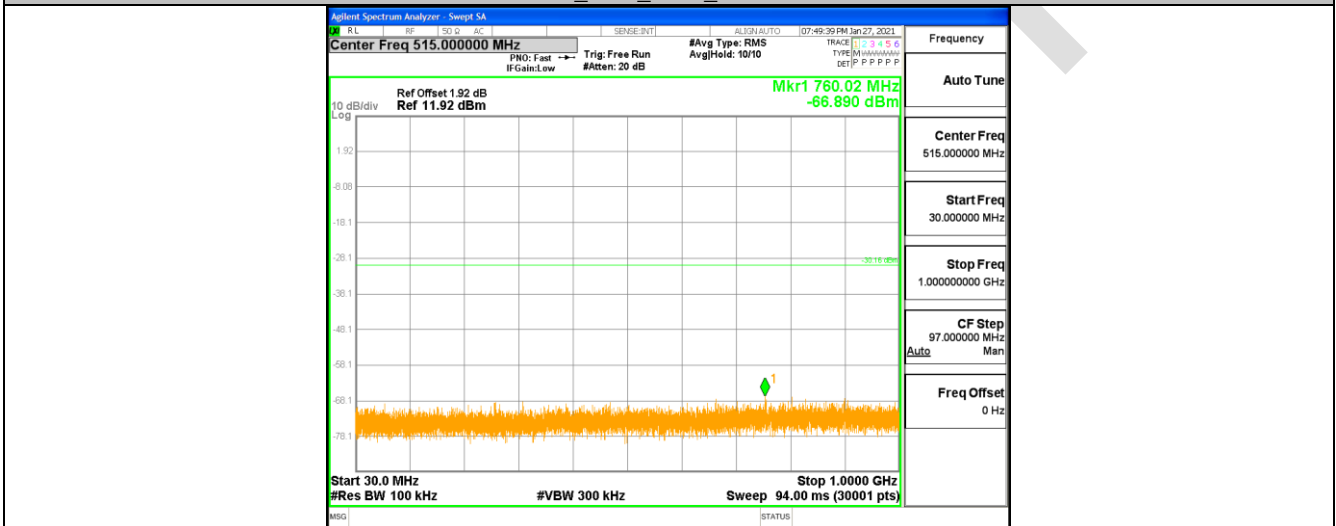
| TestMode | Antenna | Channel | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|---------|-----------------|----------------|--------------|-------------|---------|
| DH1 | Ant1 | 2402 | Reference | 0.09 | 0.09 | --- | PASS |
| | | | 30~1000 | 30~1000 | -66.997 | <=-29.909 | PASS |
| | | | 1000~26500 | 1000~26500 | -54.029 | <=-29.909 | PASS |
| | | 2441 | Reference | -0.16 | -0.16 | --- | PASS |
| | | | 30~1000 | 30~1000 | -66.89 | <=-30.157 | PASS |
| | | | 1000~26500 | 1000~26500 | -54.374 | <=-30.157 | PASS |
| | | 2480 | Reference | -0.38 | -0.38 | --- | PASS |
| | | | 30~1000 | 30~1000 | -67.708 | <=-30.375 | PASS |
| | | | 1000~26500 | 1000~26500 | -52.973 | <=-30.375 | PASS |
| 2DH1 | Ant1 | 2402 | Reference | -4.36 | -4.36 | --- | PASS |
| | | | 30~1000 | 30~1000 | -67.567 | <=-34.361 | PASS |
| | | | 1000~26500 | 1000~26500 | -53.697 | <=-34.361 | PASS |
| | | 2441 | Reference | -5.10 | -5.10 | --- | PASS |
| | | | 30~1000 | 30~1000 | -67.383 | <=-35.103 | PASS |
| | | | 1000~26500 | 1000~26500 | -53.808 | <=-35.103 | PASS |
| | | 2480 | Reference | -4.77 | -4.77 | --- | PASS |
| | | | 30~1000 | 30~1000 | -67.235 | <=-34.772 | PASS |
| | | | 1000~26500 | 1000~26500 | -52.48 | <=-34.772 | PASS |
| 3DH1 | Ant1 | 2402 | Reference | -4.40 | -4.40 | --- | PASS |
| | | | 30~1000 | 30~1000 | -67.545 | <=-34.399 | PASS |
| | | | 1000~26500 | 1000~26500 | -54.36 | <=-34.399 | PASS |
| | | 2441 | Reference | -4.46 | -4.46 | --- | PASS |
| | | | 30~1000 | 30~1000 | -67.191 | <=-34.458 | PASS |
| | | | 1000~26500 | 1000~26500 | -54.082 | <=-34.458 | PASS |
| | | 2480 | Reference | -4.81 | -4.81 | --- | PASS |
| | | | 30~1000 | 30~1000 | -66.384 | <=-34.813 | PASS |
| | | | 1000~26500 | 1000~26500 | -53.648 | <=-34.813 | PASS |

Test Graphs

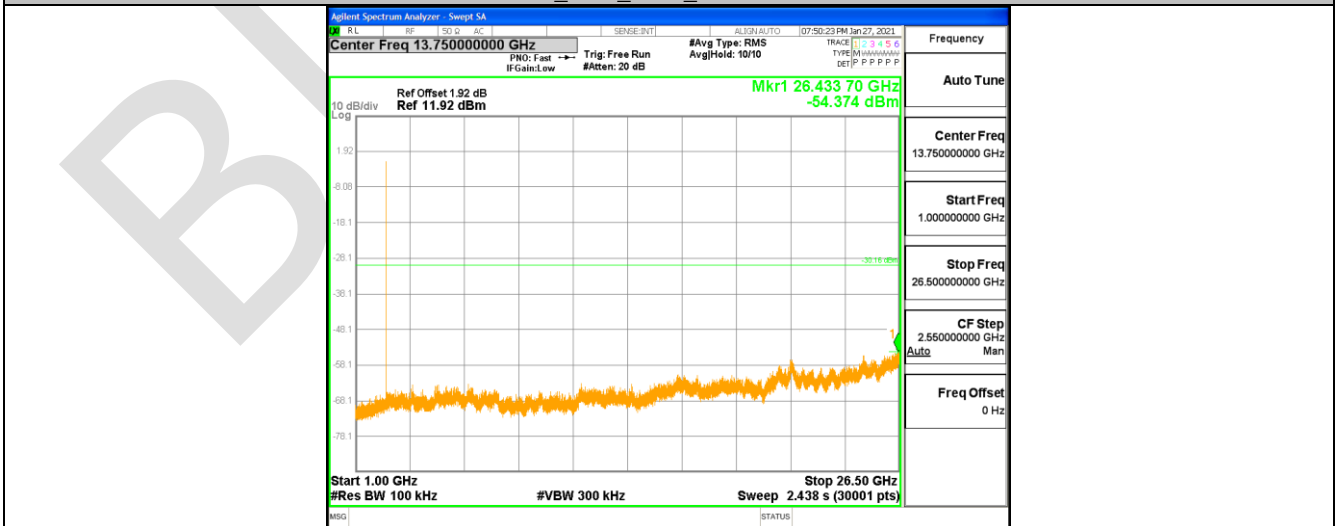




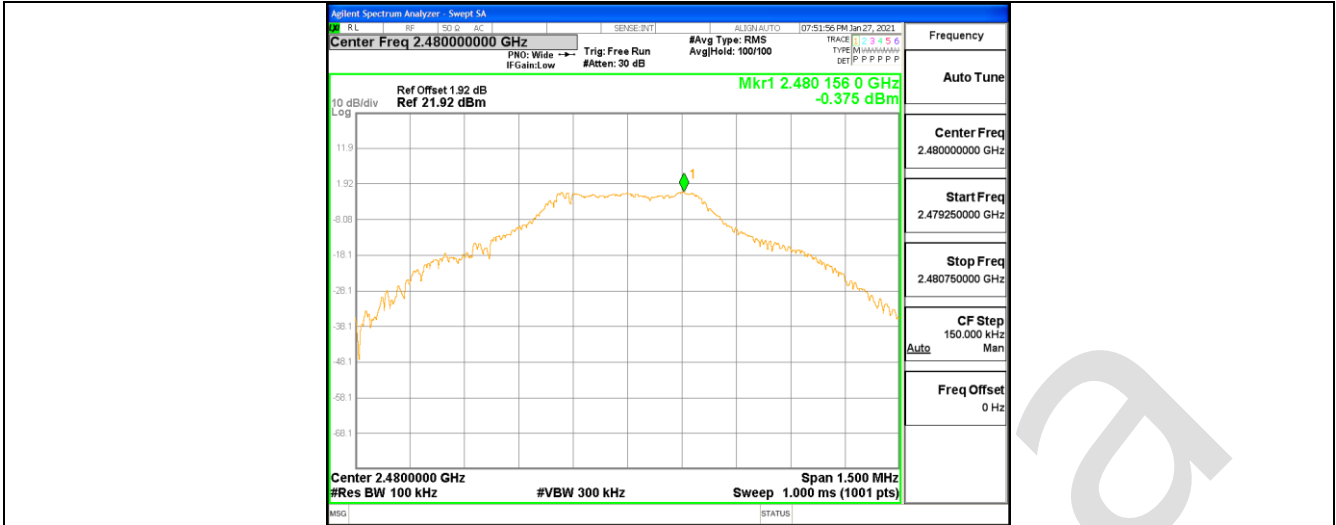
DH1_Ant1_2441_30~1000



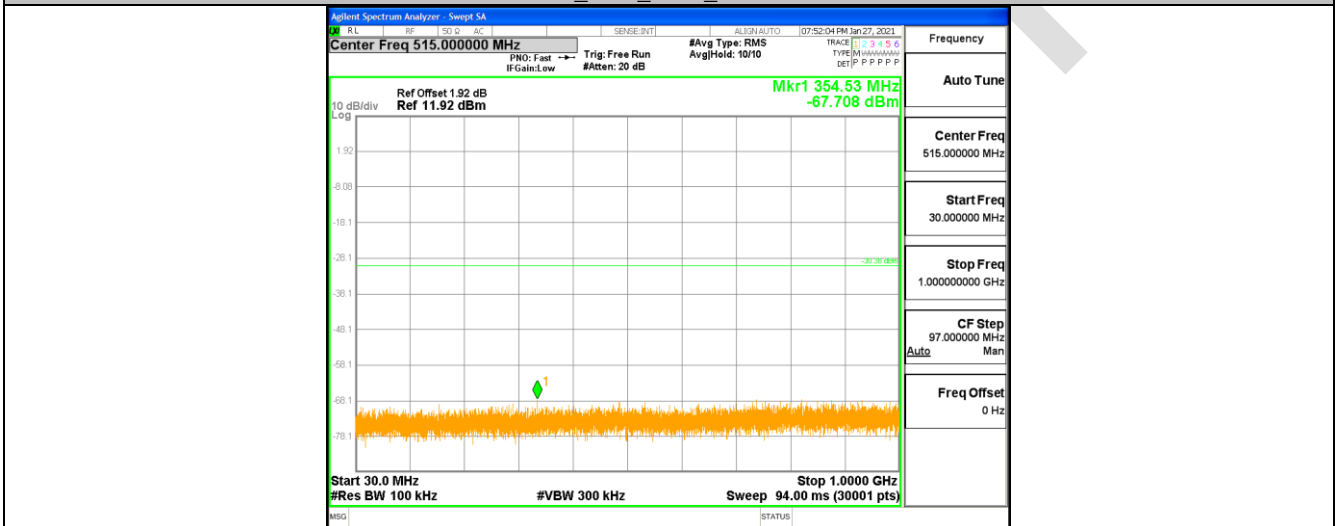
DH1_Ant1_2441_1000~26500



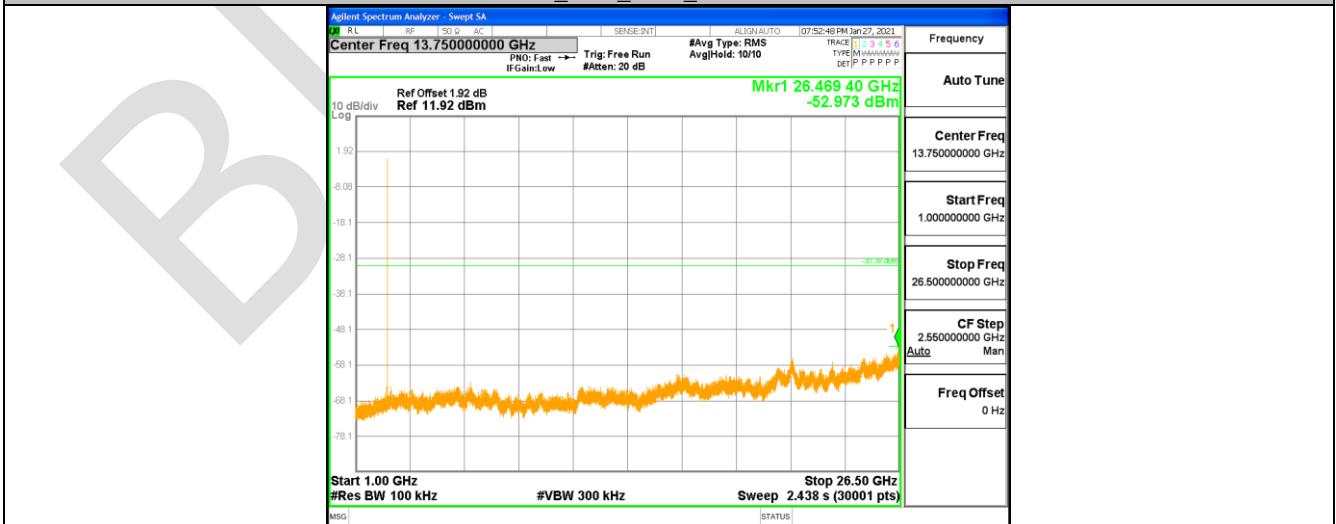
DH1_Ant1_2480_0~Reference



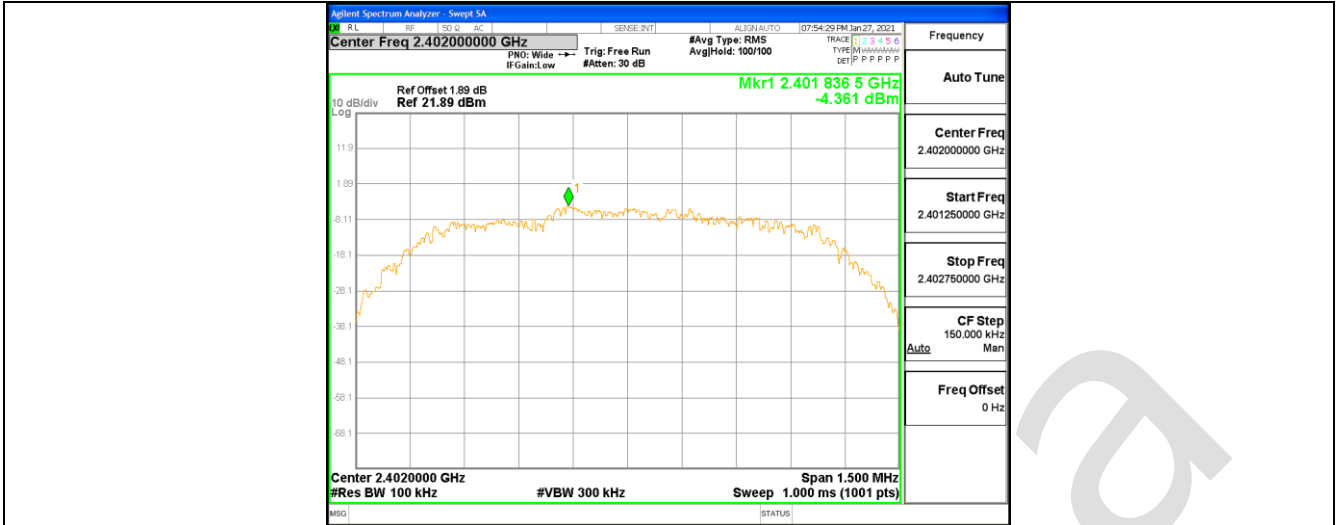
DH1_Ant1_2480_30~1000



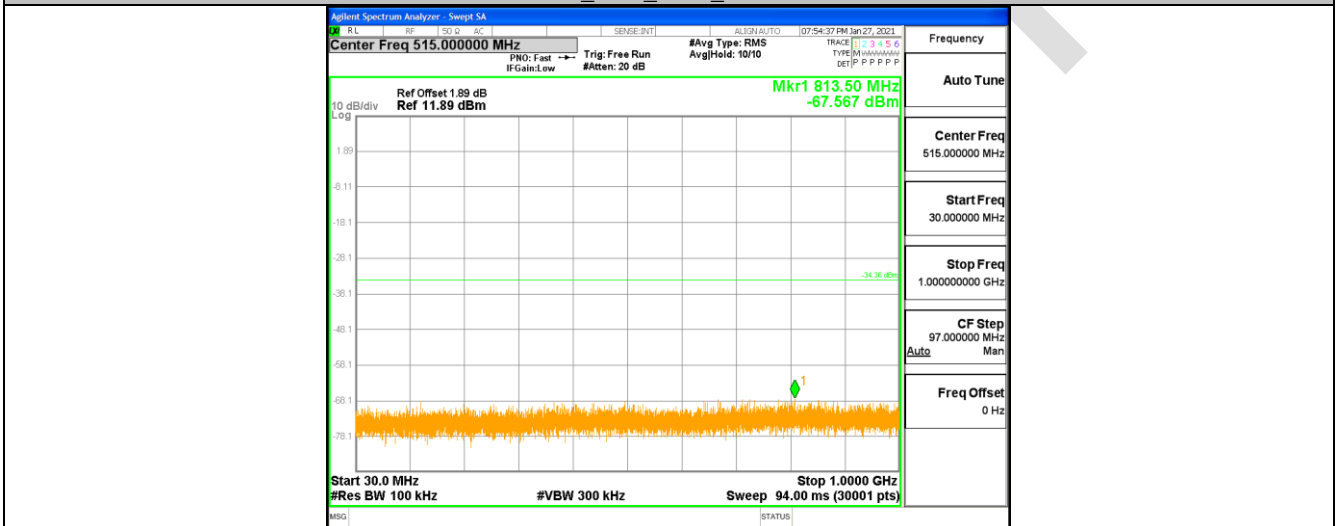
DH1_Ant1_2480_1000~26500



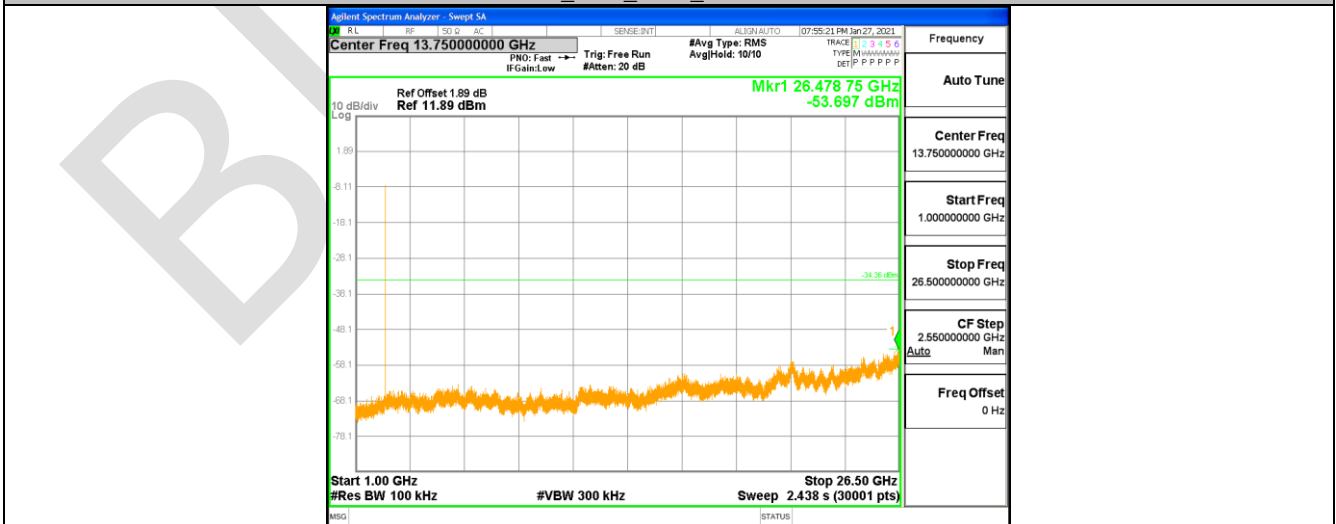
2DH1_Ant1_2402_0~Reference



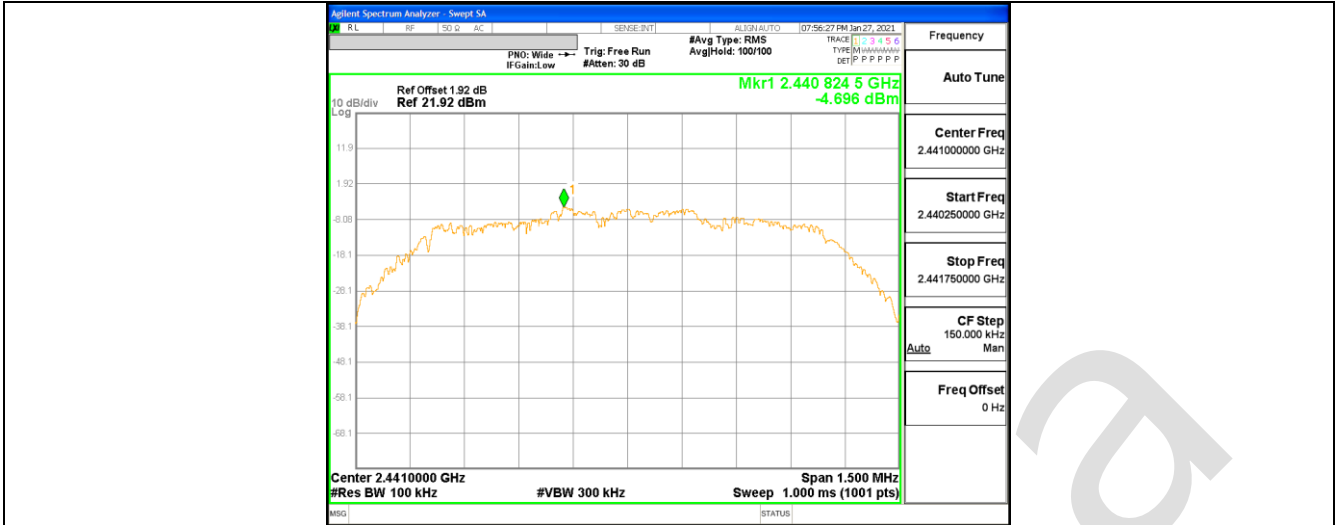
2DH1_Ant1_2402_30~1000



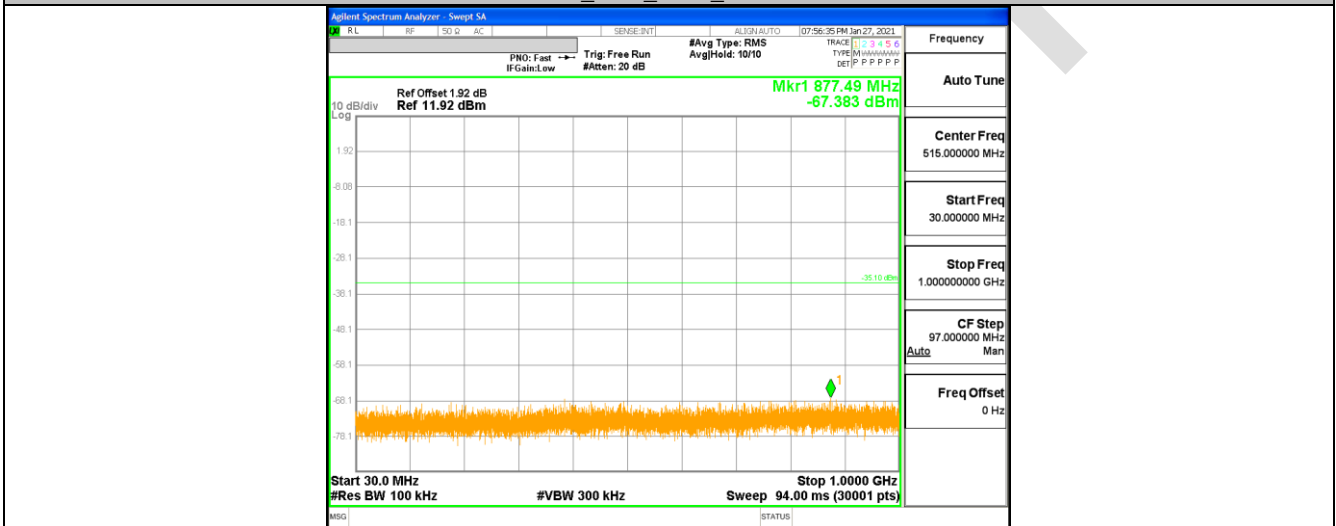
2DH1_Ant1_2402_1000~26500



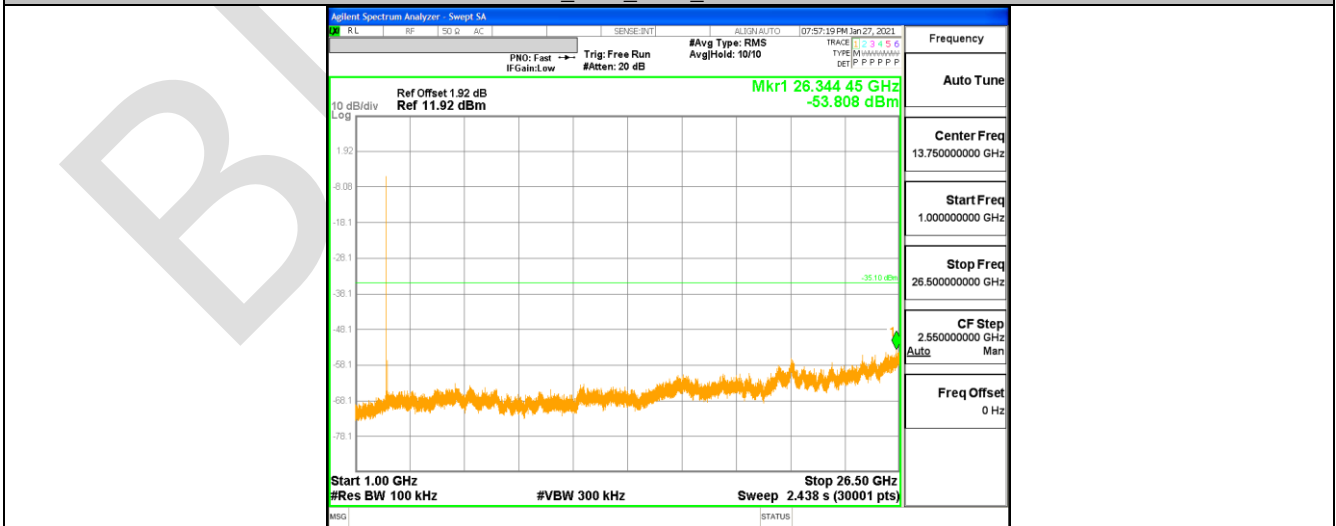
2DH1_Ant1_2441_0-Reference



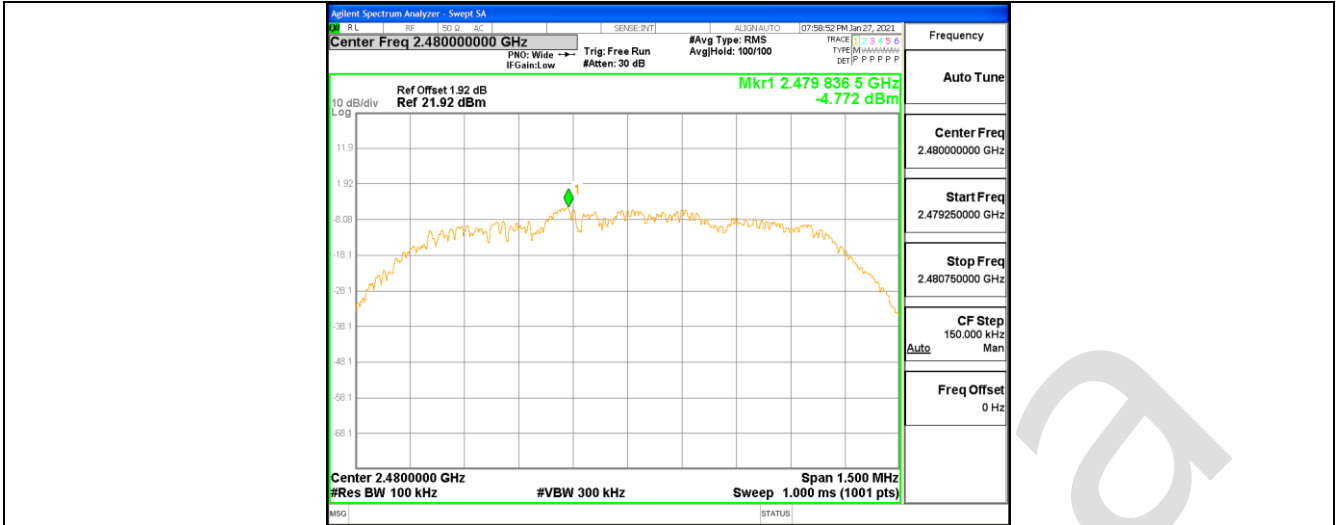
2DH1_Ant1_2441_30~1000



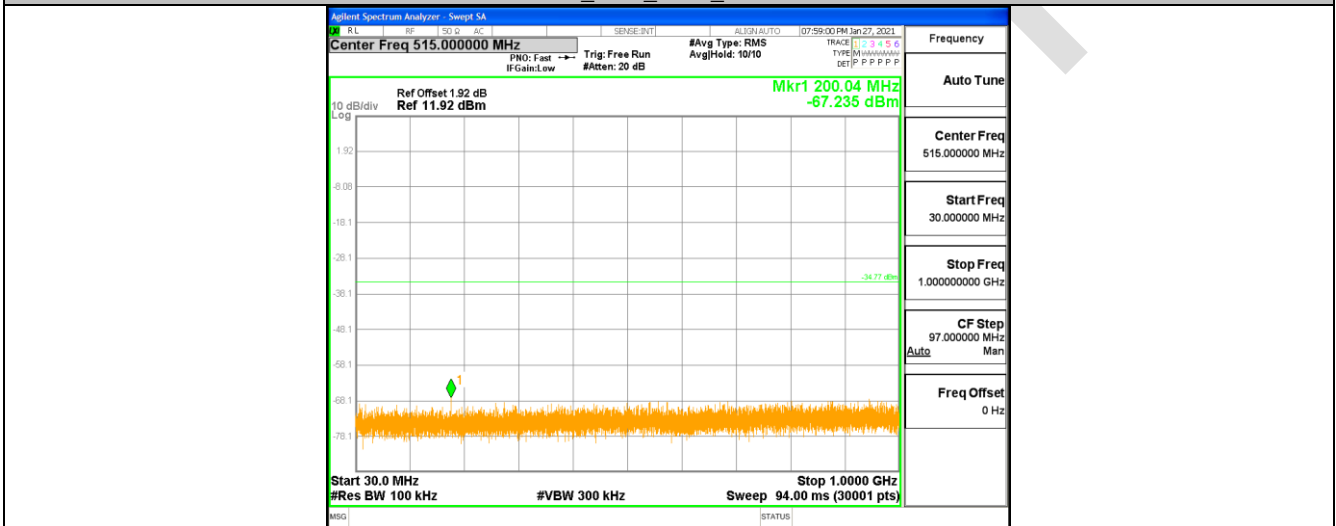
2DH1_Ant1_2441_1000~26500



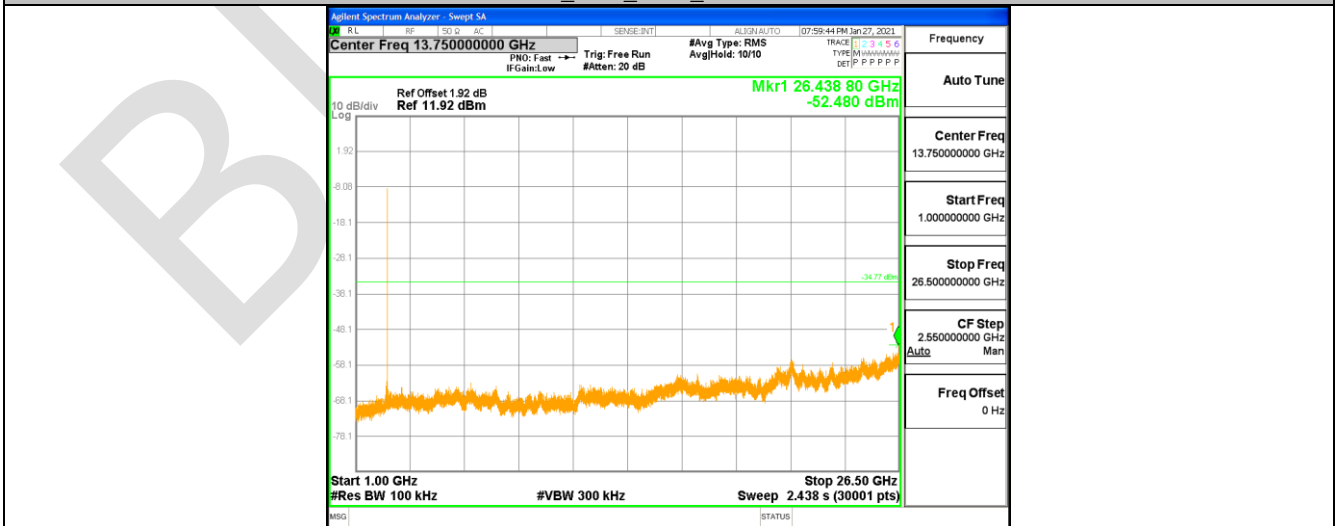
2DH1_Ant1_2480_0-Reference



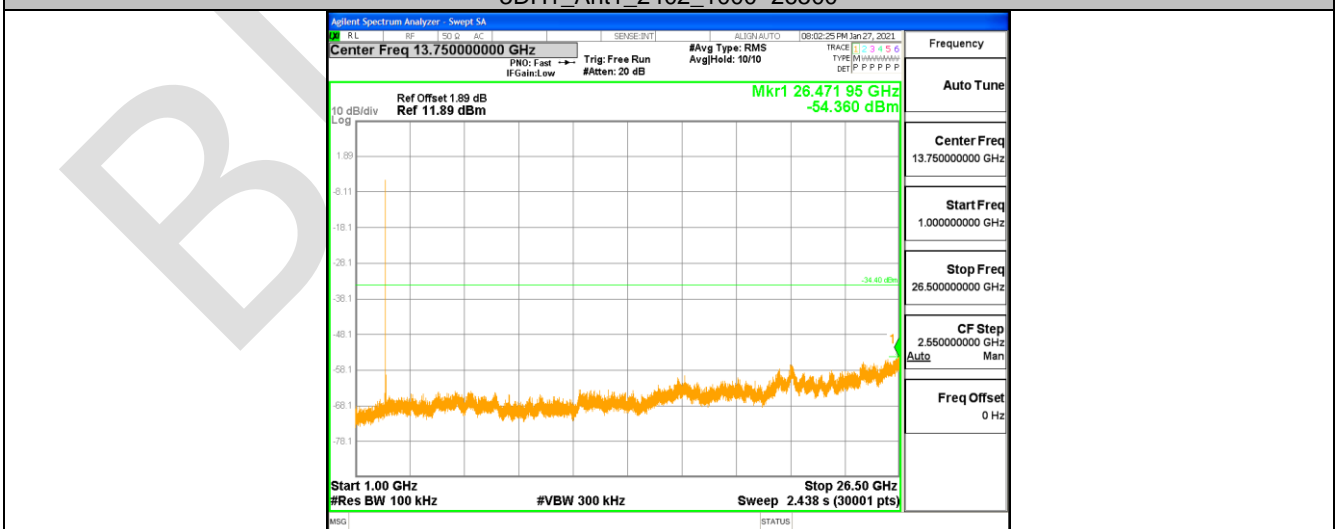
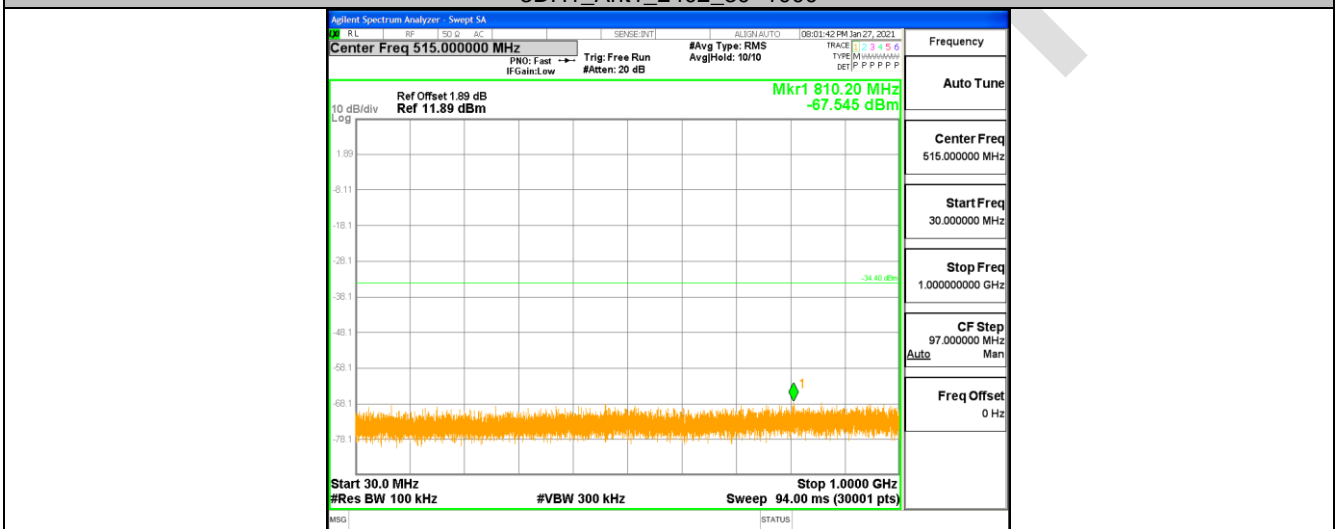
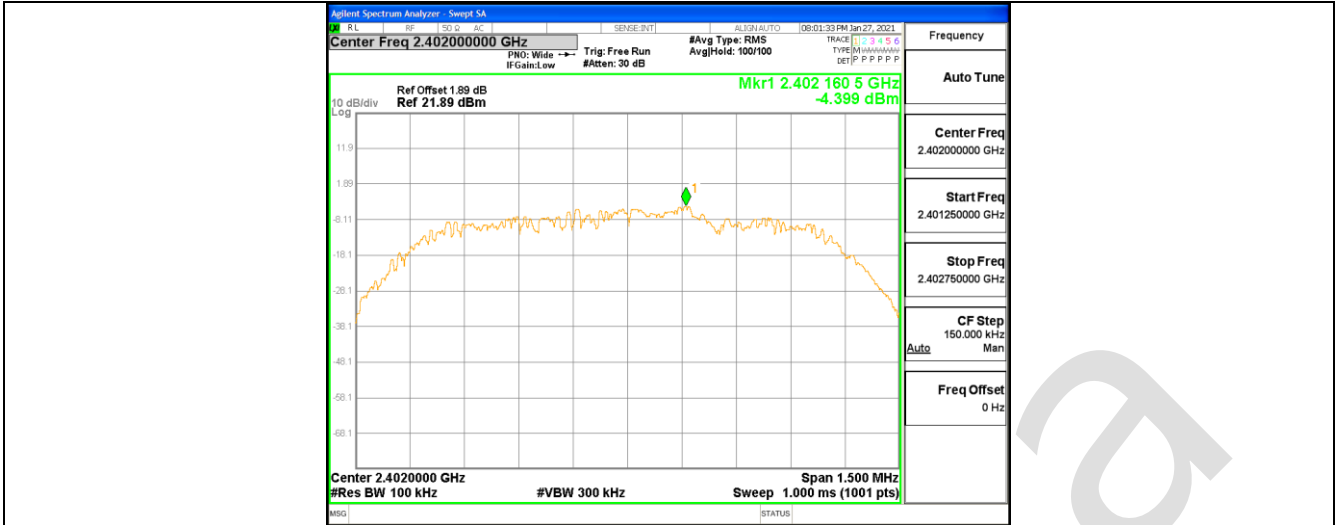
2DH1_Ant1_2480_30~1000

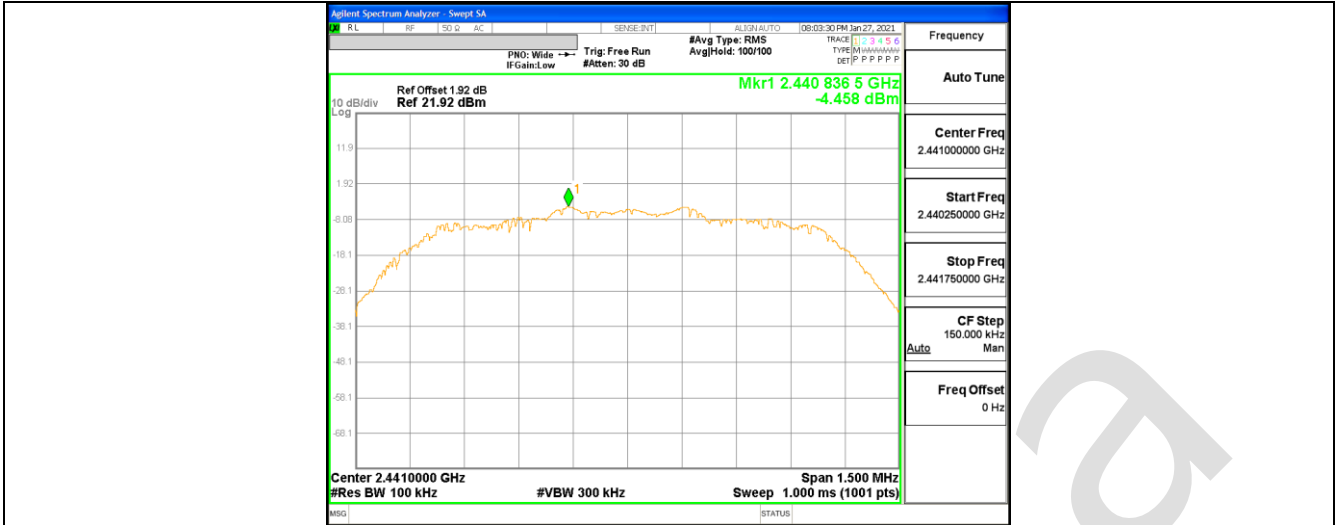


2DH1_Ant1_2480_1000~26500

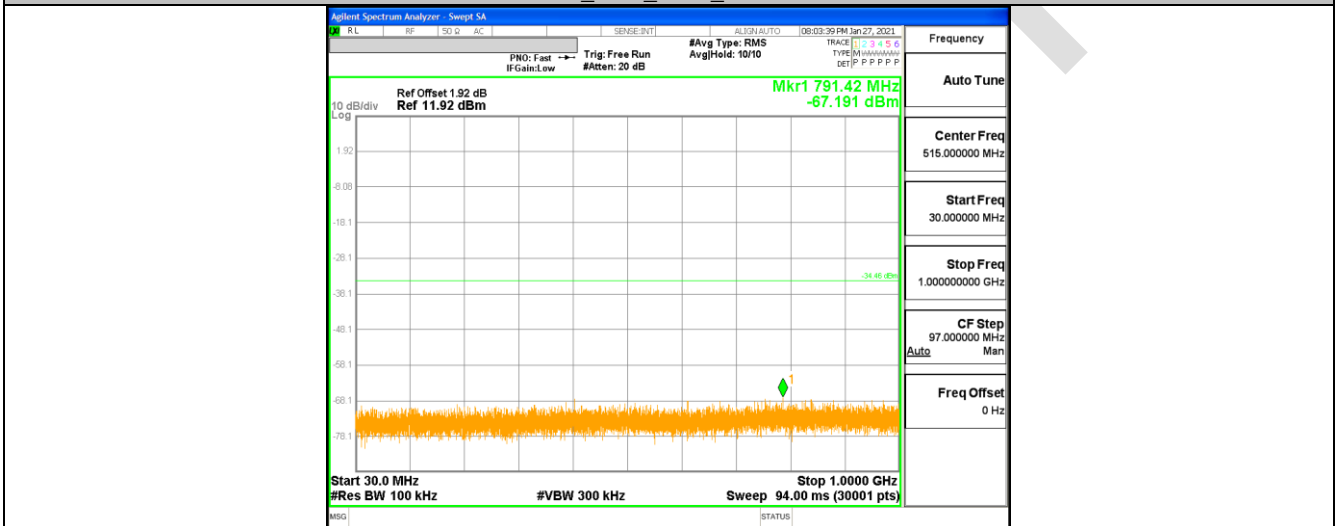


3DH1_Ant1_2402_0-Reference

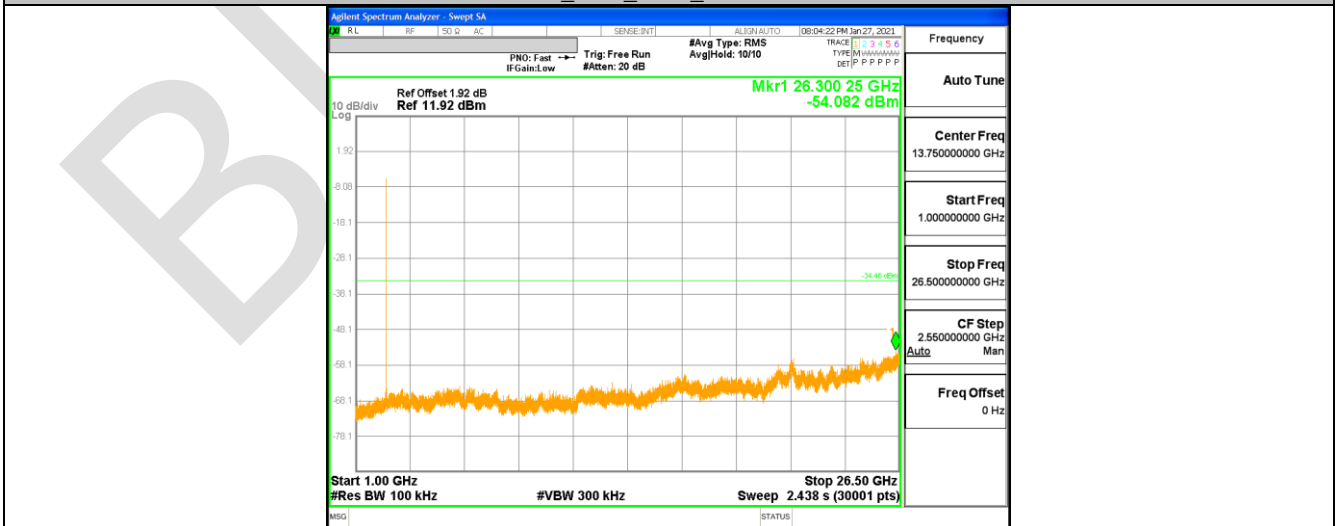




3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0-Reference

