

10 APPENDIX

Appendix1

10.1 APPENDIXA: DTS BANDWIDTH

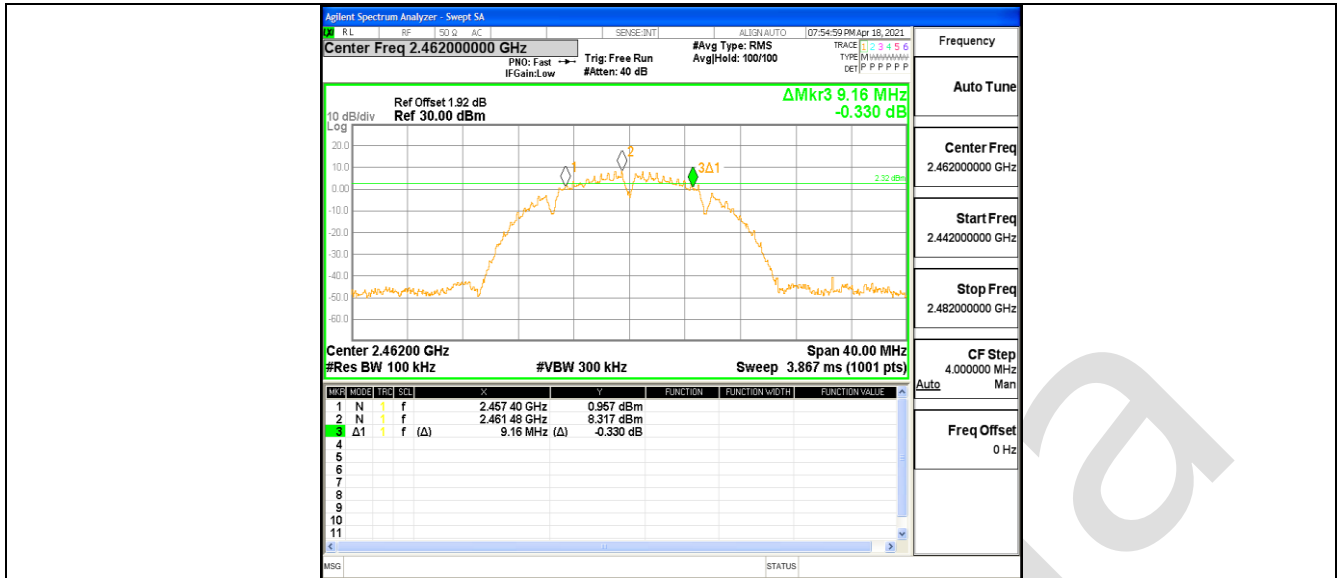
Test Result

| TestMode | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B | Ant1 | 2412 | 9.080 | 2407.400 | 2416.480 | >=0.5 | PASS |
| | | 2437 | 8.560 | 2432.960 | 2441.520 | >=0.5 | PASS |
| | | 2462 | 9.160 | 2457.400 | 2466.560 | >=0.5 | PASS |
| 11G | Ant1 | 2412 | 16.440 | 2403.760 | 2420.200 | >=0.5 | PASS |
| | | 2437 | 16.440 | 2428.760 | 2445.200 | >=0.5 | PASS |
| | | 2462 | 16.440 | 2453.760 | 2470.200 | >=0.5 | PASS |
| 11N20SISO | Ant1 | 2412 | 17.640 | 2403.160 | 2420.800 | >=0.5 | PASS |
| | | 2437 | 17.640 | 2428.160 | 2445.800 | >=0.5 | PASS |
| | | 2462 | 17.640 | 2453.160 | 2470.800 | >=0.5 | PASS |

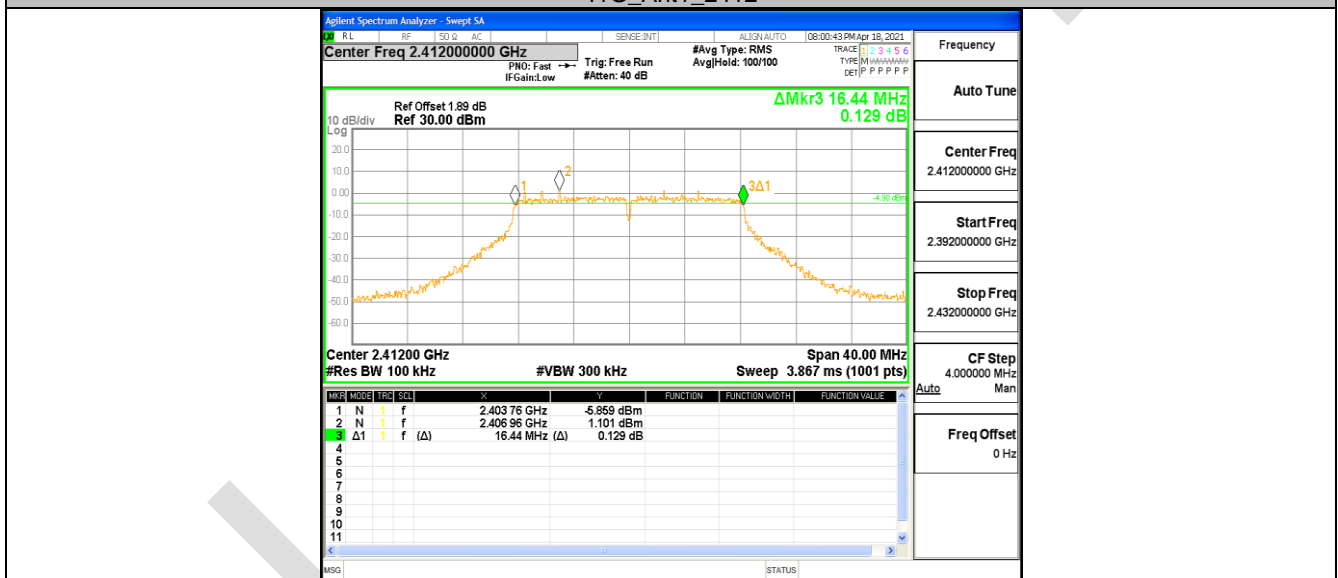
Test Graphs



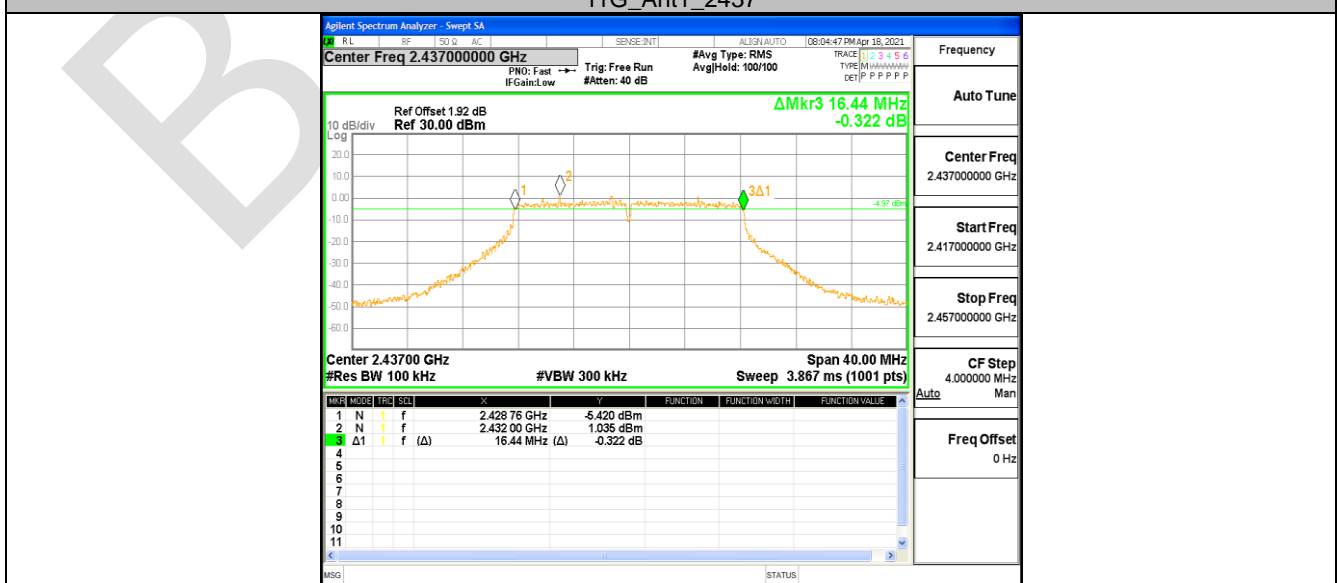
11B_Ant1_2462

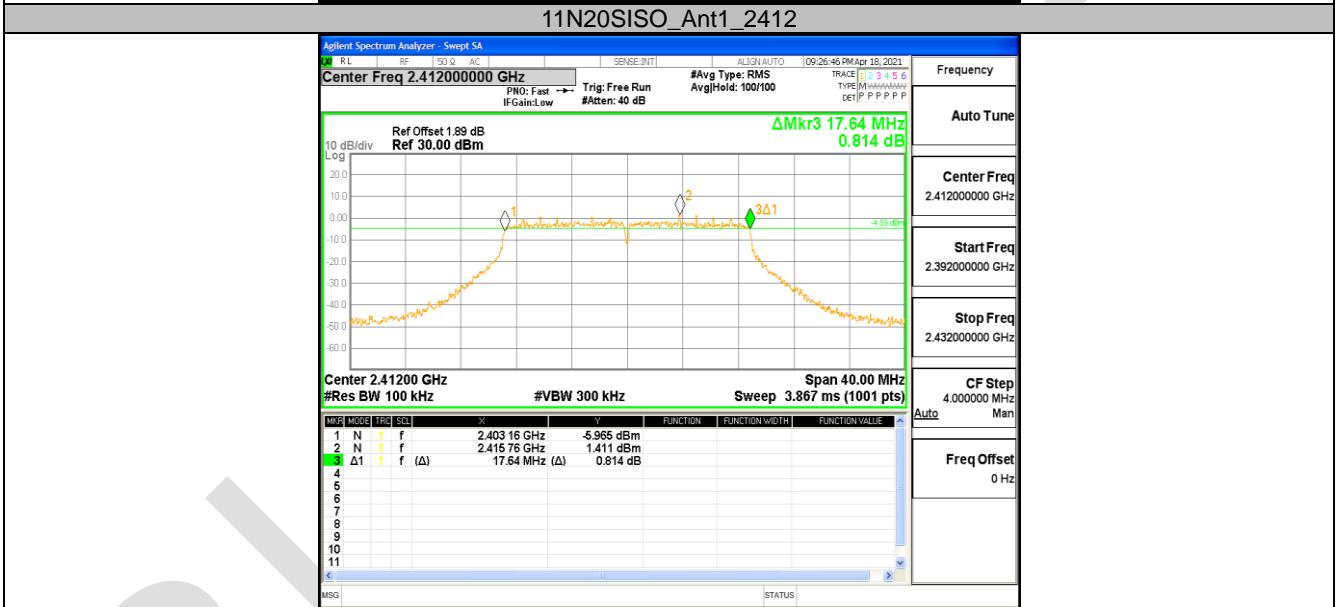
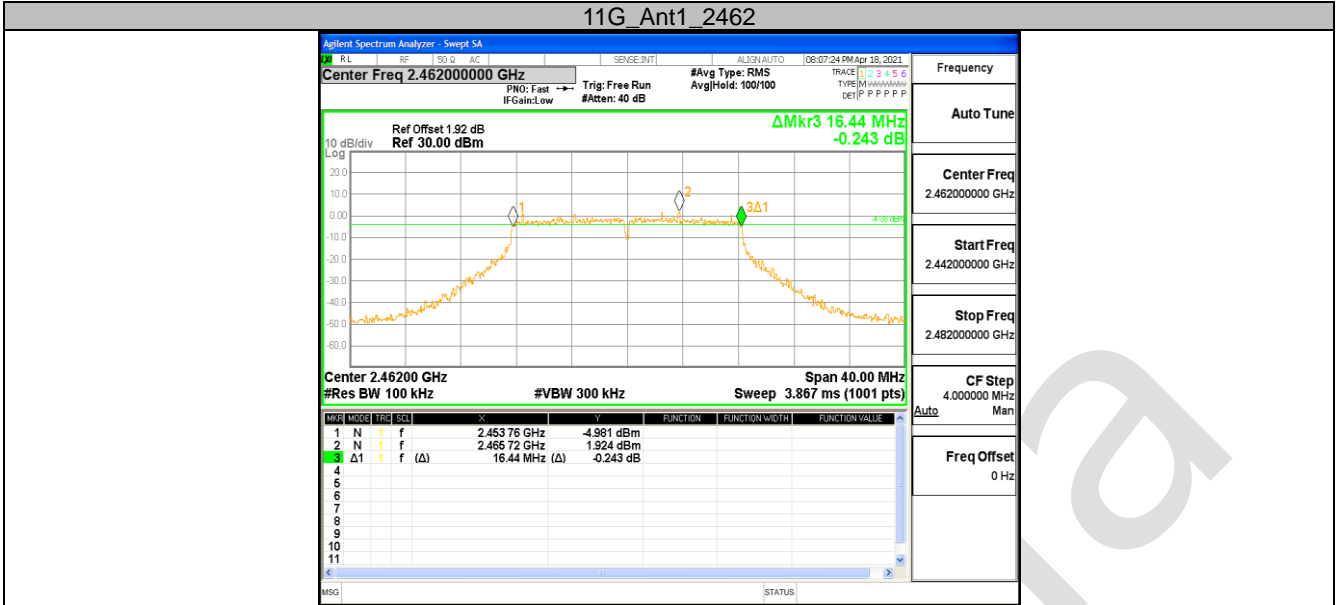


11G_Ant1_2412



11G_Ant1_2437

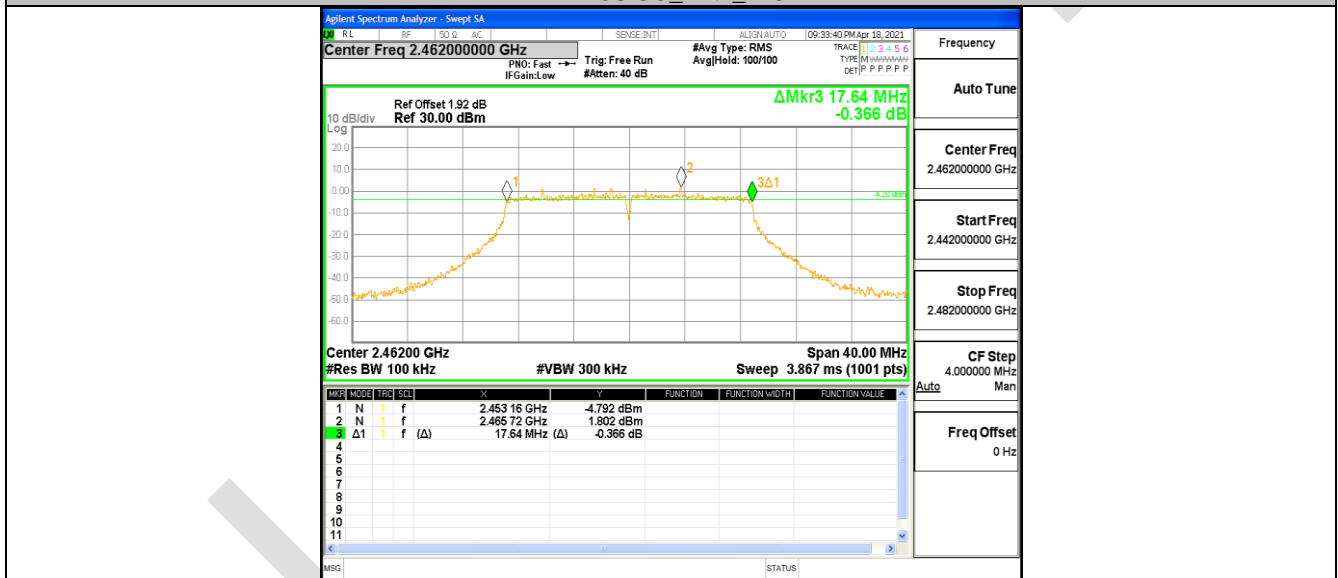




11N20SISO_Ant1_2437



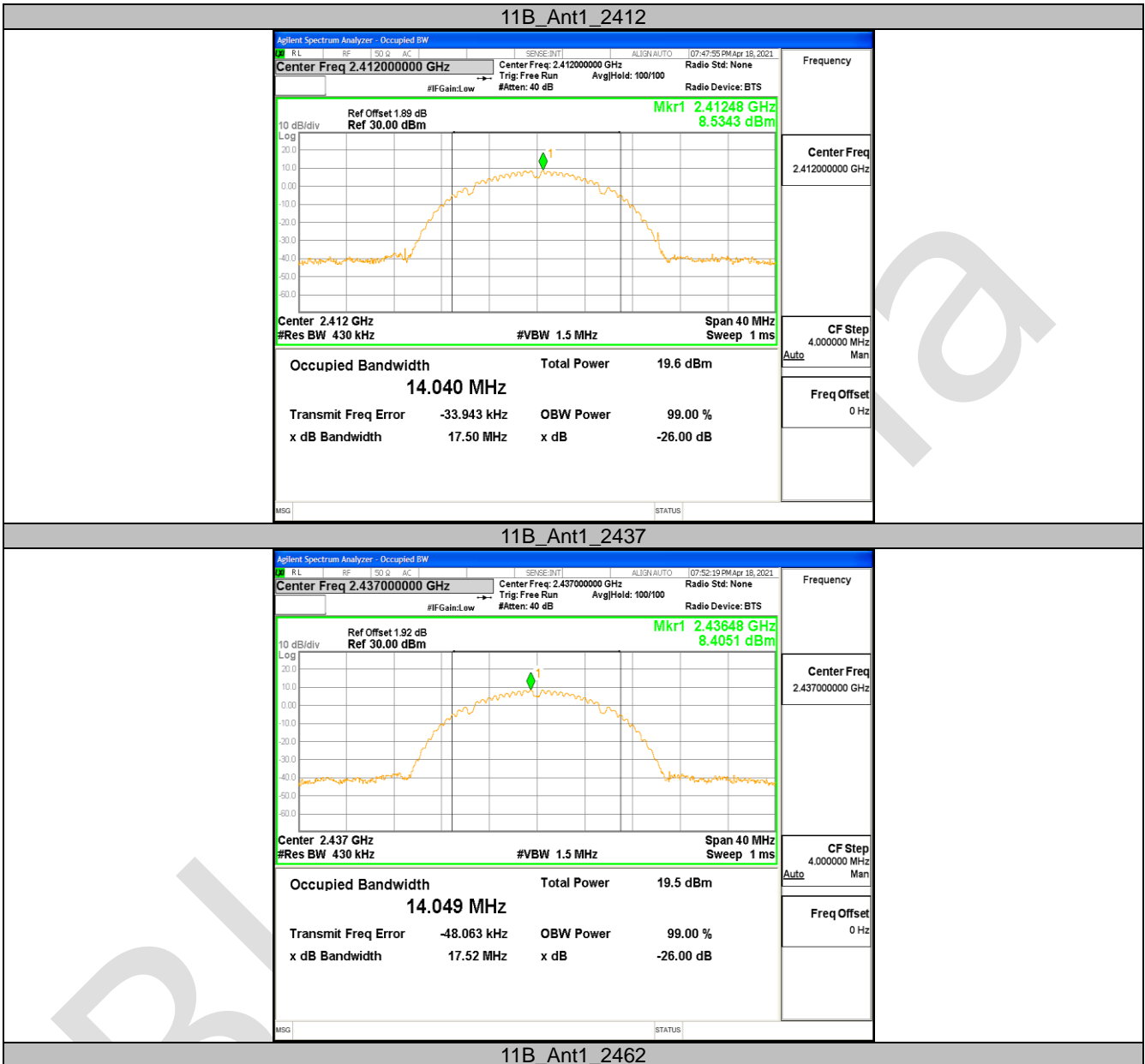
11N20SISO_Ant1_2462

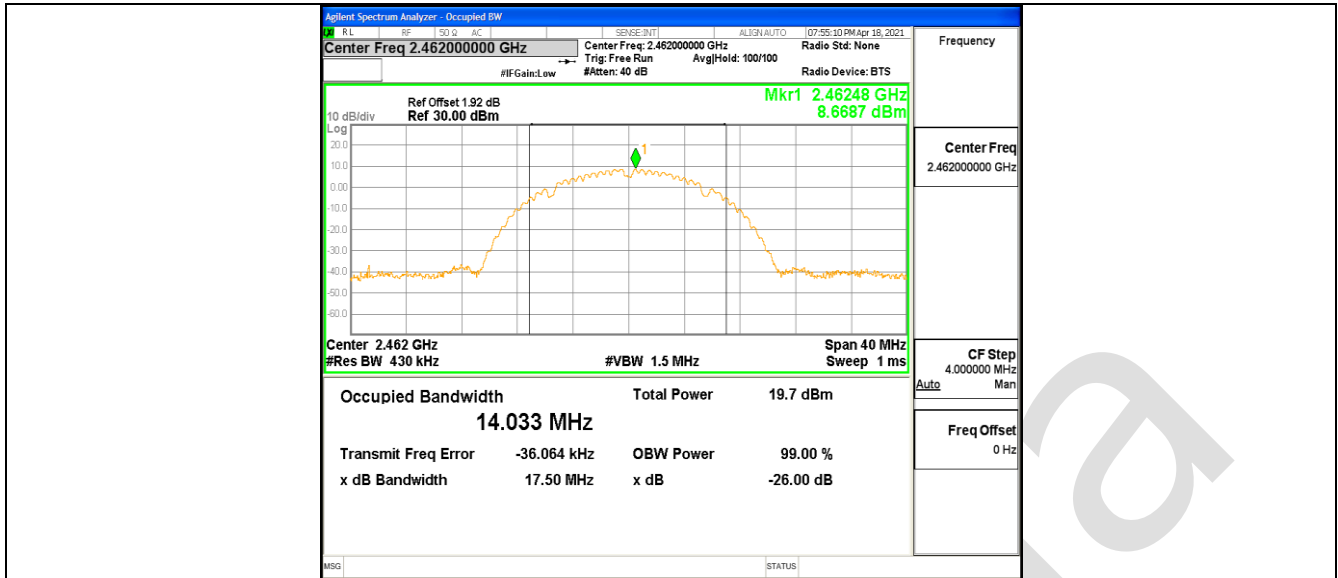


10.2 APPENDIX B: OCCUPIED CHANNEL BANDWIDTH
Test Result

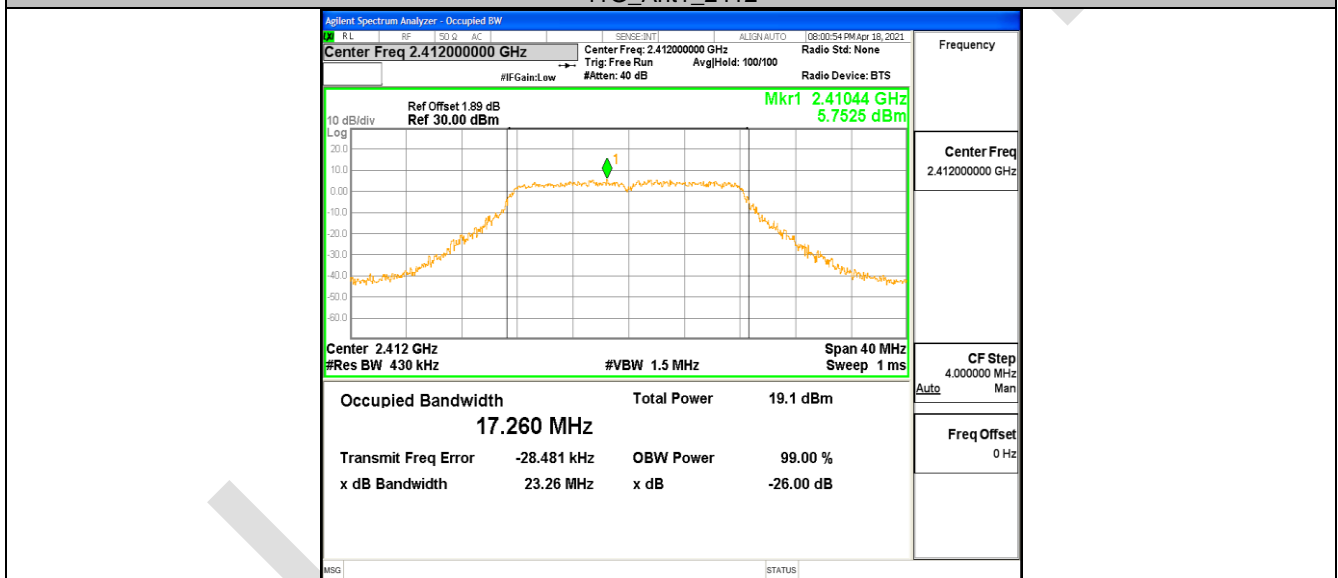
| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| 11B | Ant1 | 2412 | 14.040 | 2404.946 | 2418.986 | --- | PASS |
| | | 2437 | 14.049 | 2429.927 | 2443.976 | --- | PASS |
| | | 2462 | 14.033 | 2454.947 | 2468.980 | --- | PASS |
| 11G | Ant1 | 2412 | 17.260 | 2403.342 | 2420.602 | --- | PASS |
| | | 2437 | 17.227 | 2428.332 | 2445.559 | --- | PASS |
| | | 2462 | 17.221 | 2453.336 | 2470.557 | --- | PASS |
| 11N20SISO | Ant1 | 2412 | 18.303 | 2402.844 | 2421.147 | --- | PASS |
| | | 2437 | 18.093 | 2427.945 | 2446.038 | --- | PASS |
| | | 2462 | 18.247 | 2452.895 | 2471.142 | --- | PASS |

Test Graphs

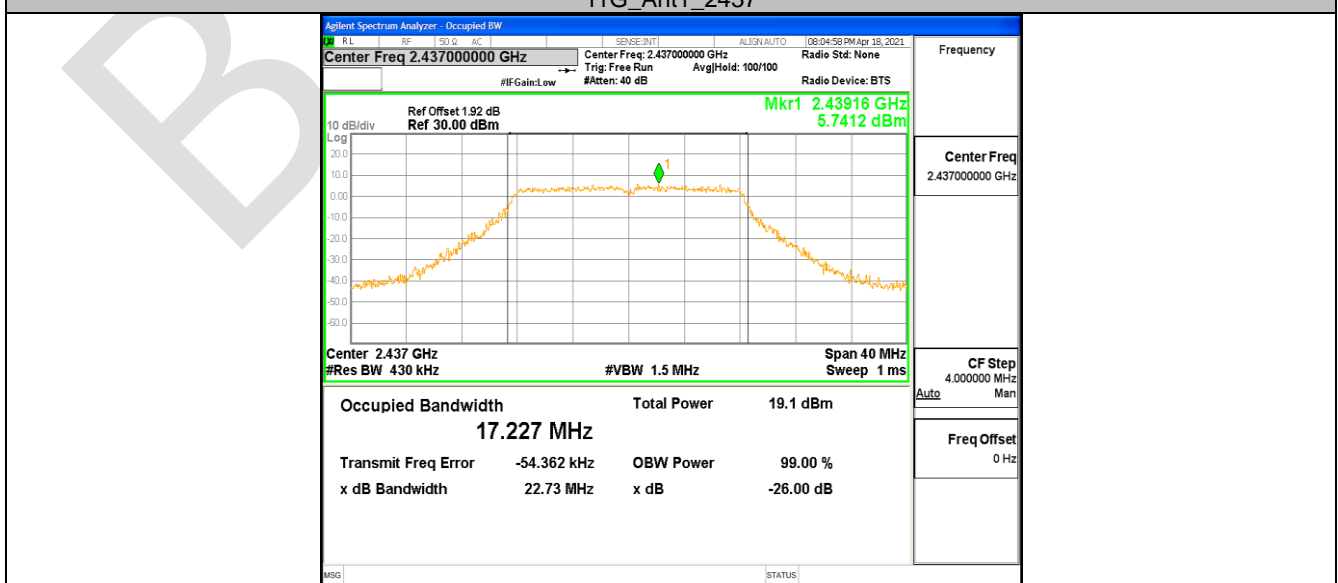




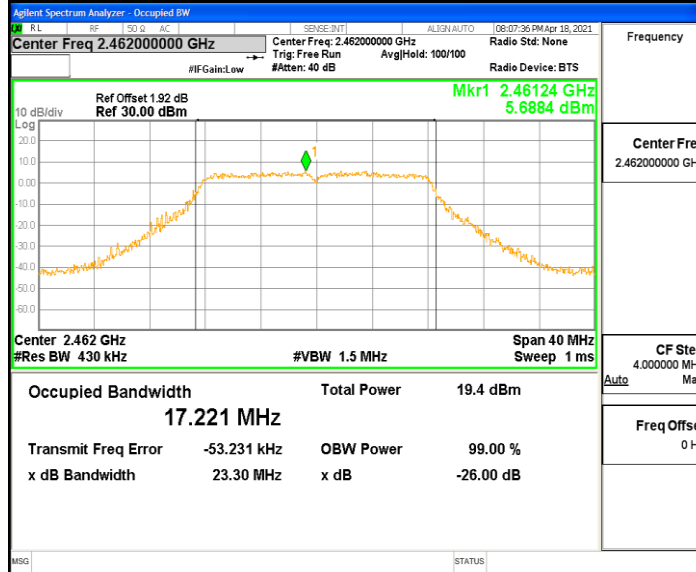
11G_Ant1_2412



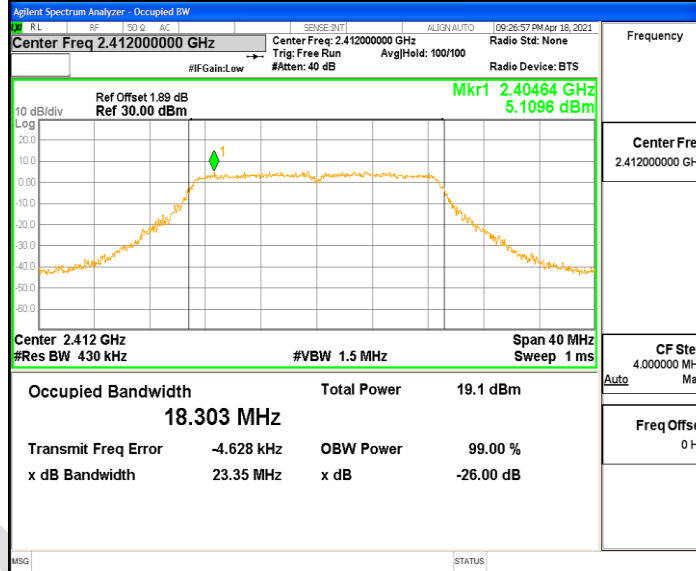
11G_Ant1_2437



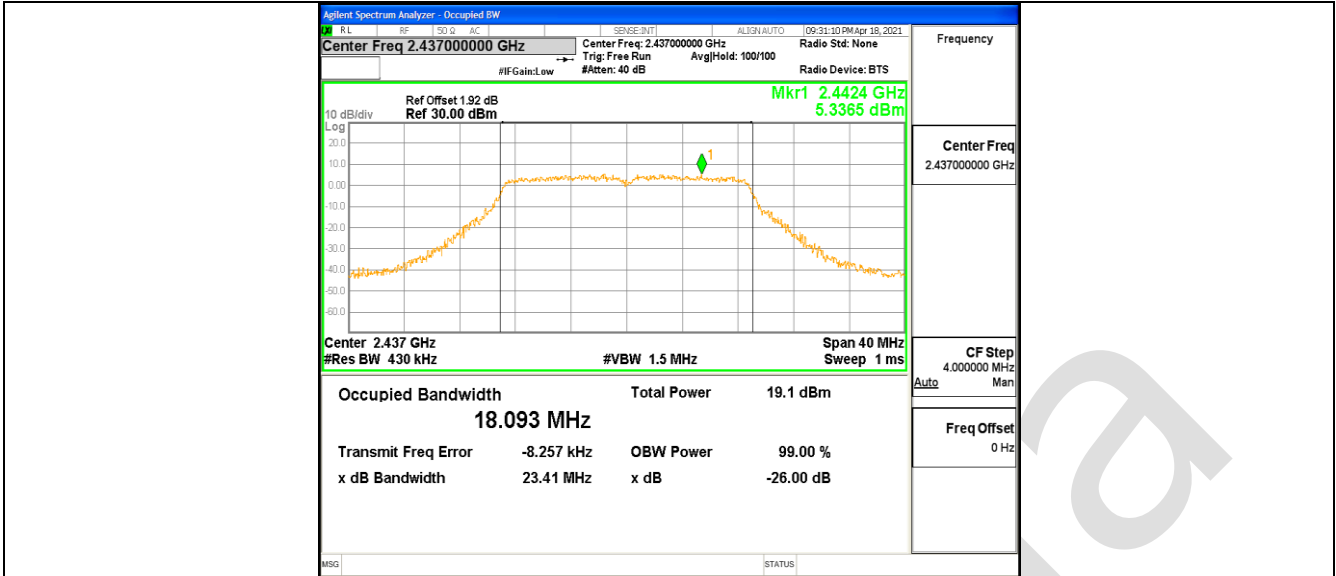
11G_Ant1_2462



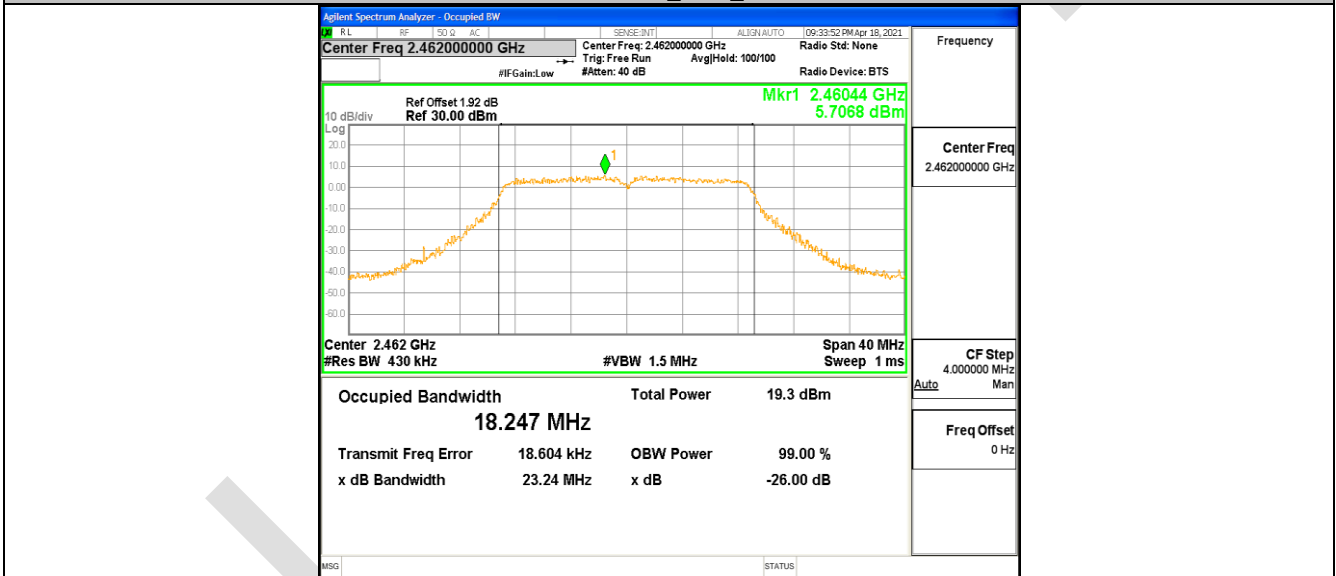
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



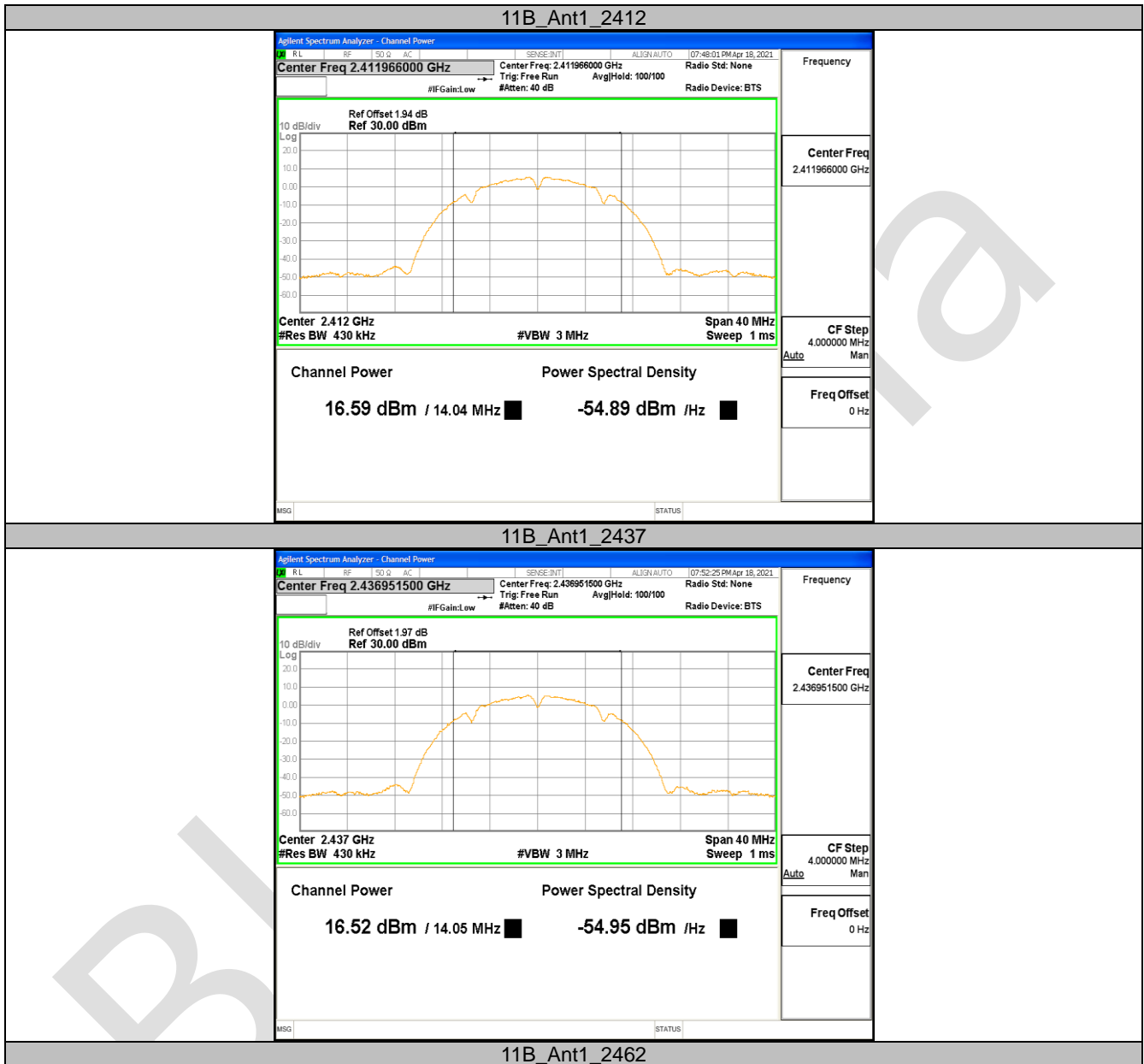
10.3 APPENDIXC: MAXIMUM CONDUCTED OUTPUT POWER

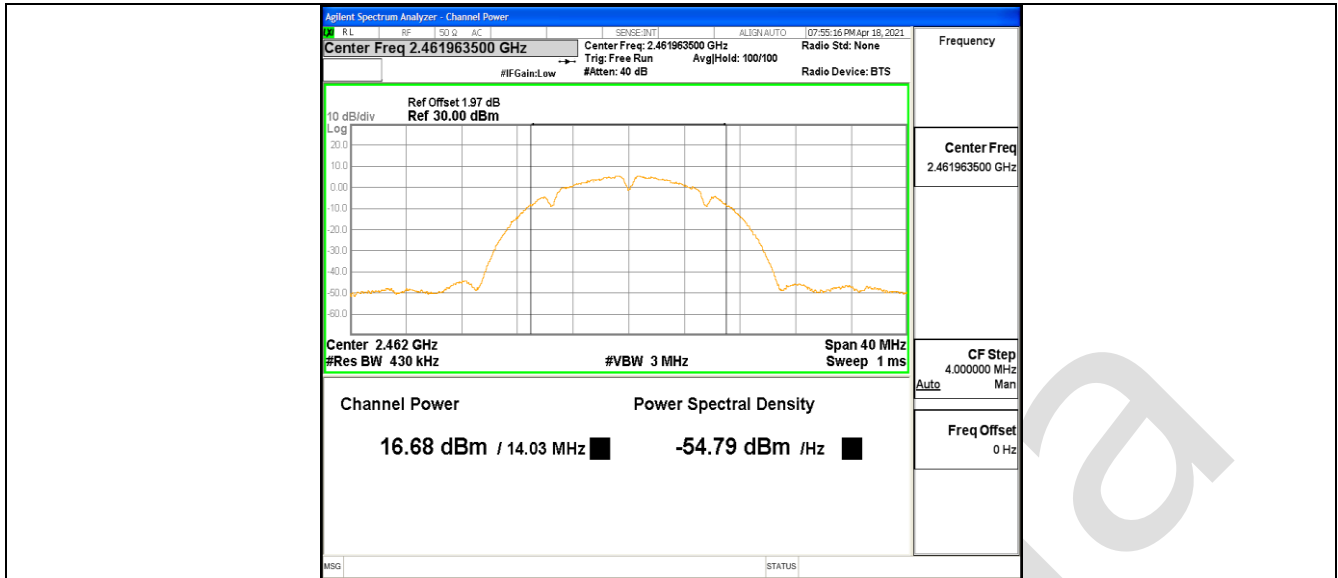
Test Result

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 11B | Ant1 | 2412 | 16.59 | <=30 | PASS |
| | | 2437 | 16.52 | <=30 | PASS |
| | | 2462 | 16.68 | <=30 | PASS |
| 11G | Ant1 | 2412 | 12.79 | <=30 | PASS |
| | | 2437 | 13.03 | <=30 | PASS |
| | | 2462 | 13.32 | <=30 | PASS |
| 11N20SISO | Ant1 | 2412 | 13.00 | <=30 | PASS |
| | | 2437 | 12.99 | <=30 | PASS |
| | | 2462 | 13.22 | <=30 | PASS |

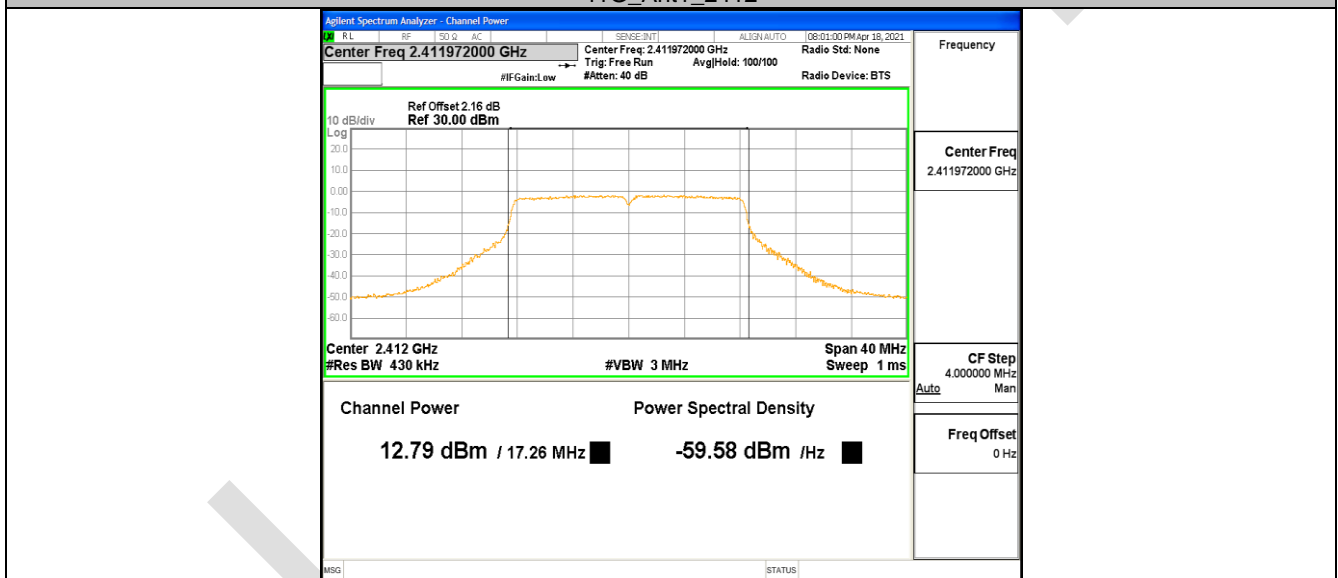
BlueAsia

Test Graphs

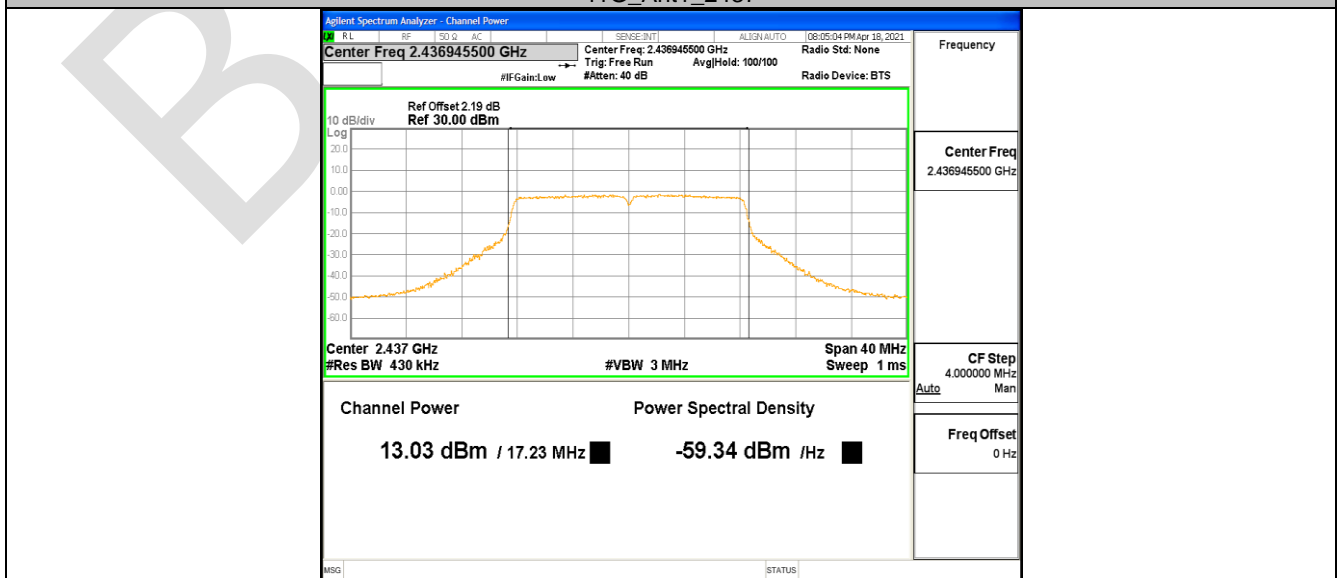


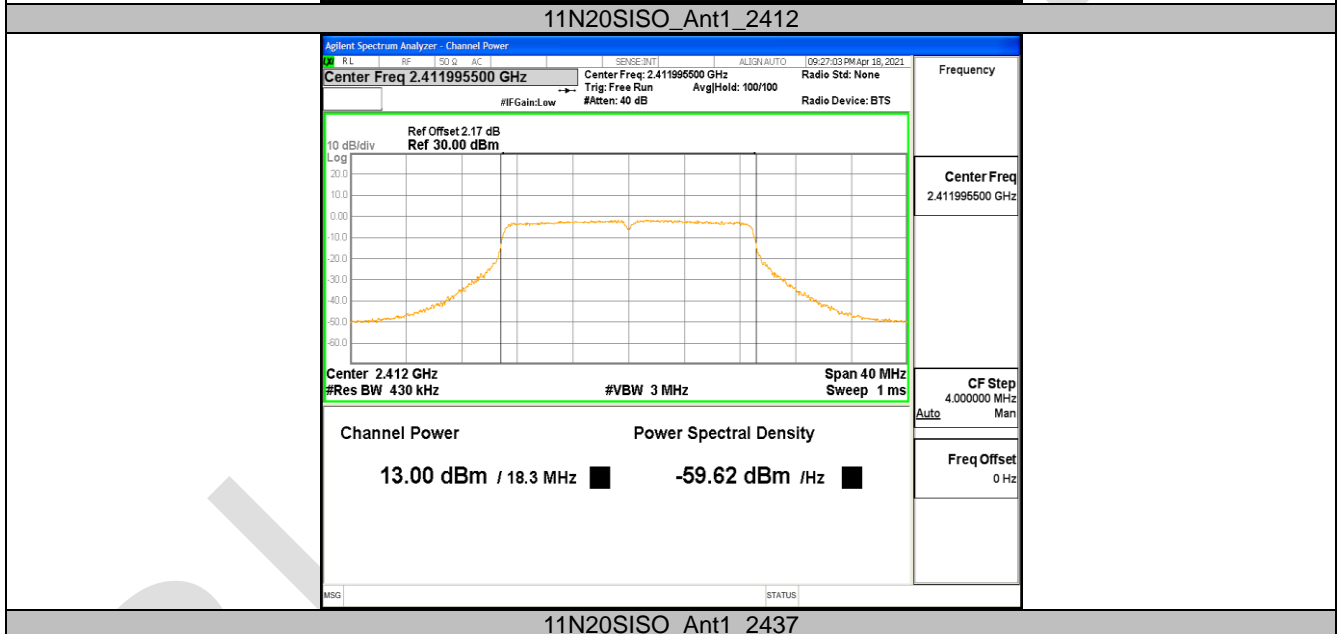
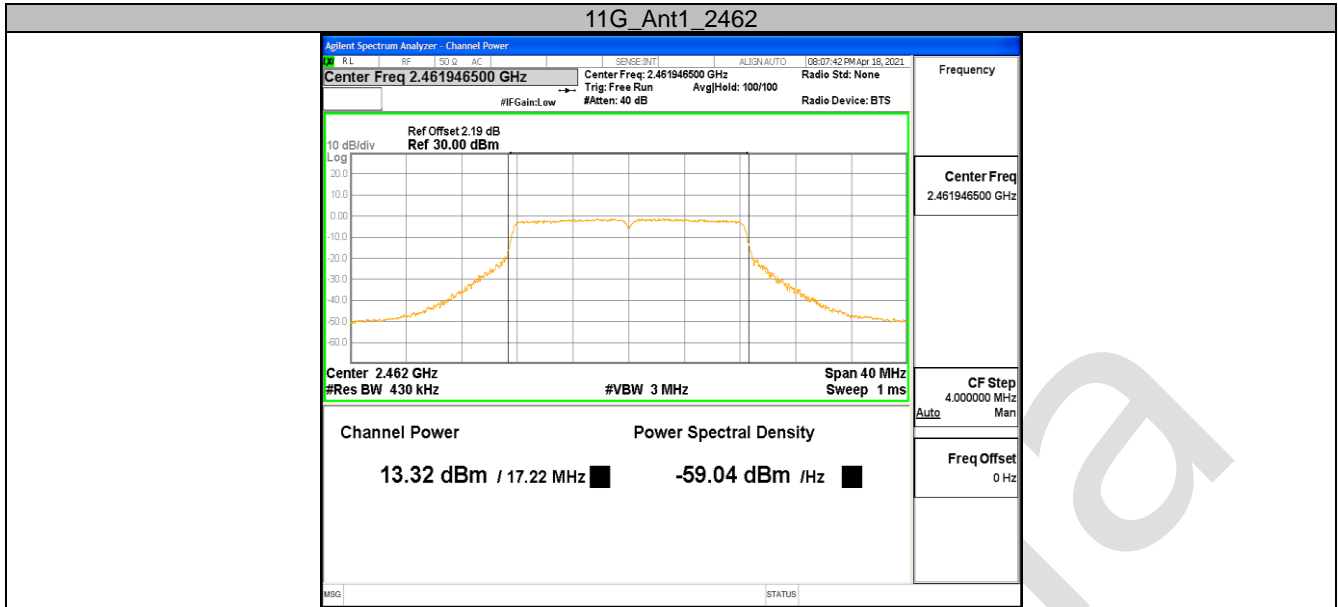


11G_Ant1_2412

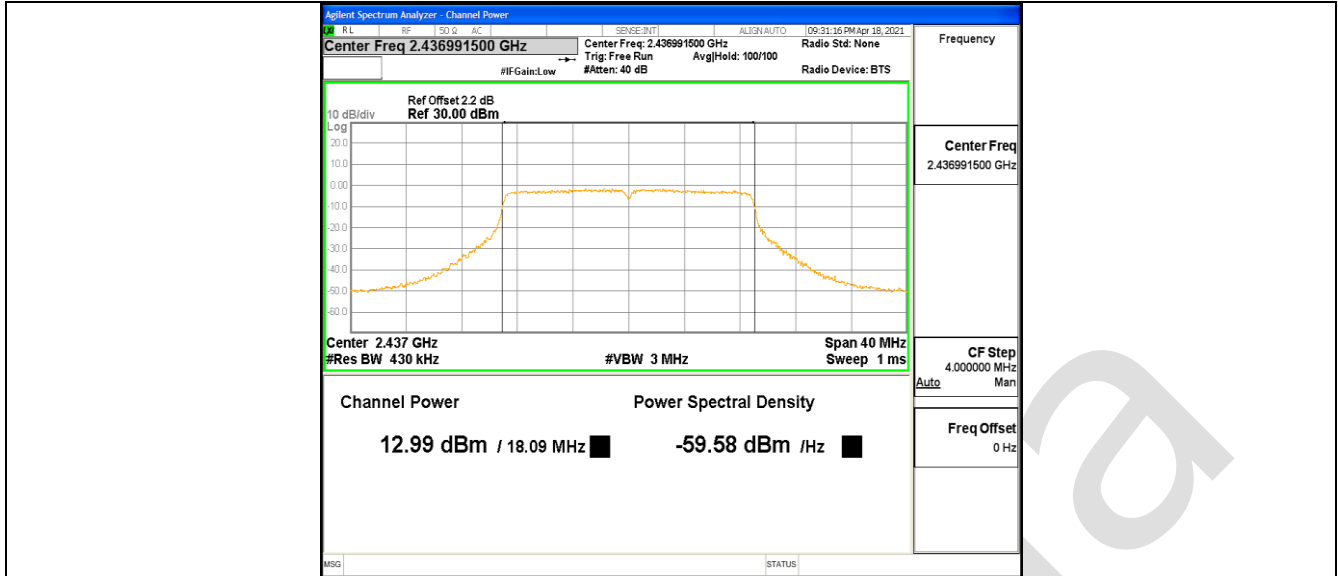


11G_Ant1_2437

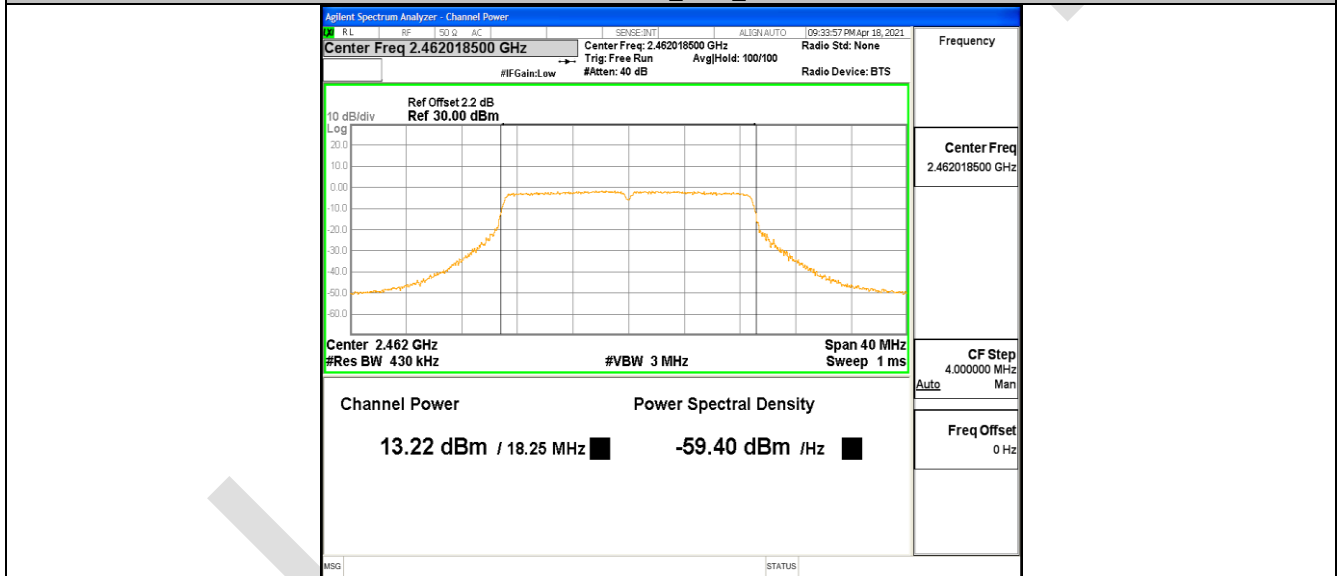




11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

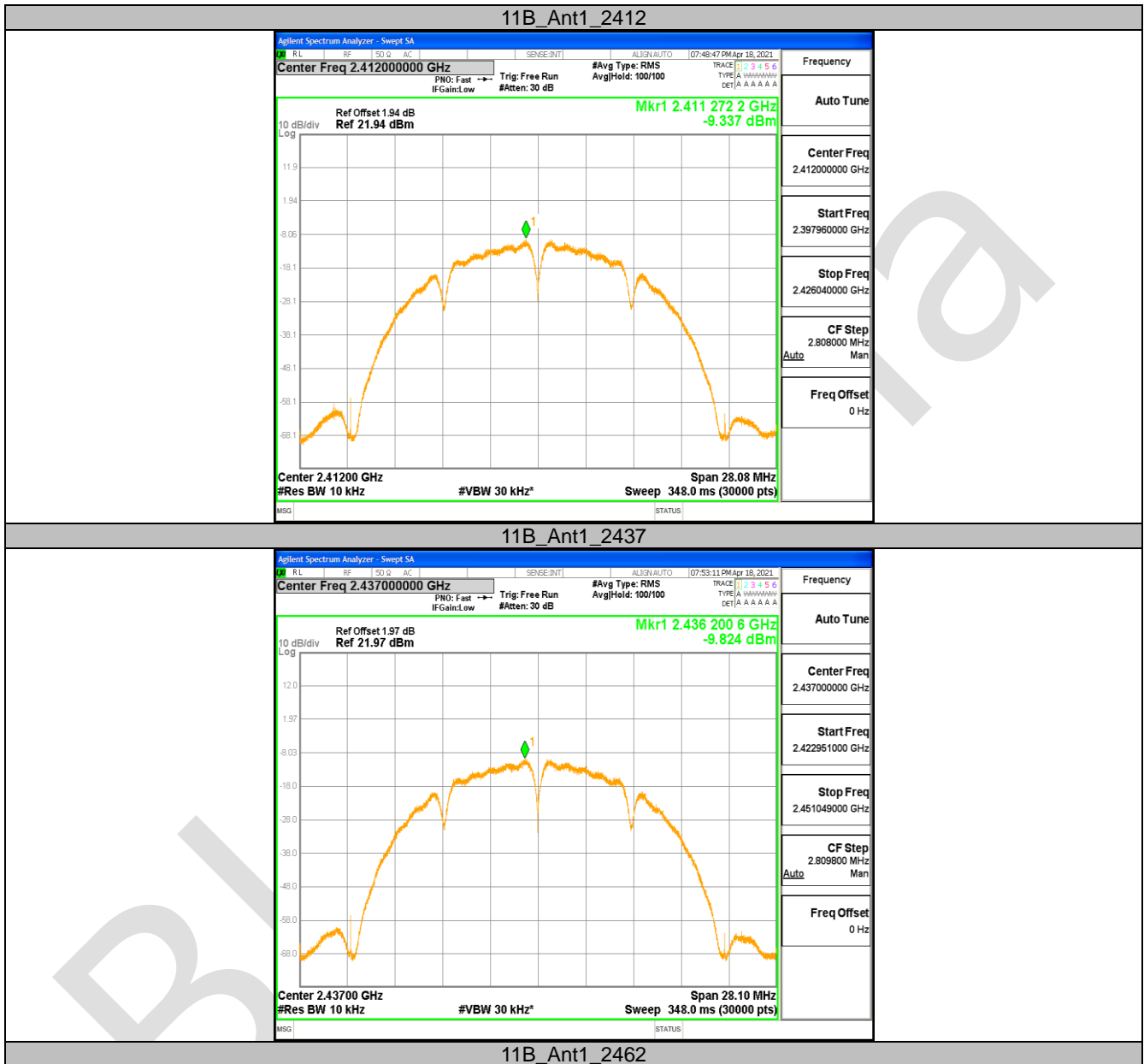


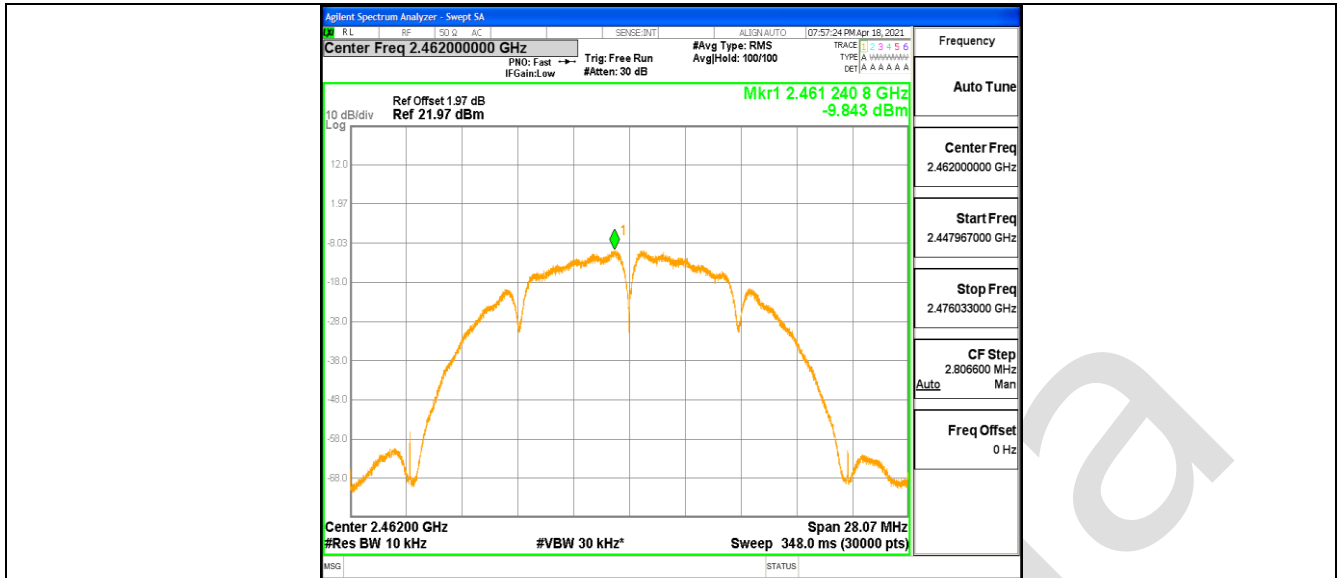
10.4 APPENDIXD: MAXIMUM POWER SPECTRAL DENSITY

Test Result

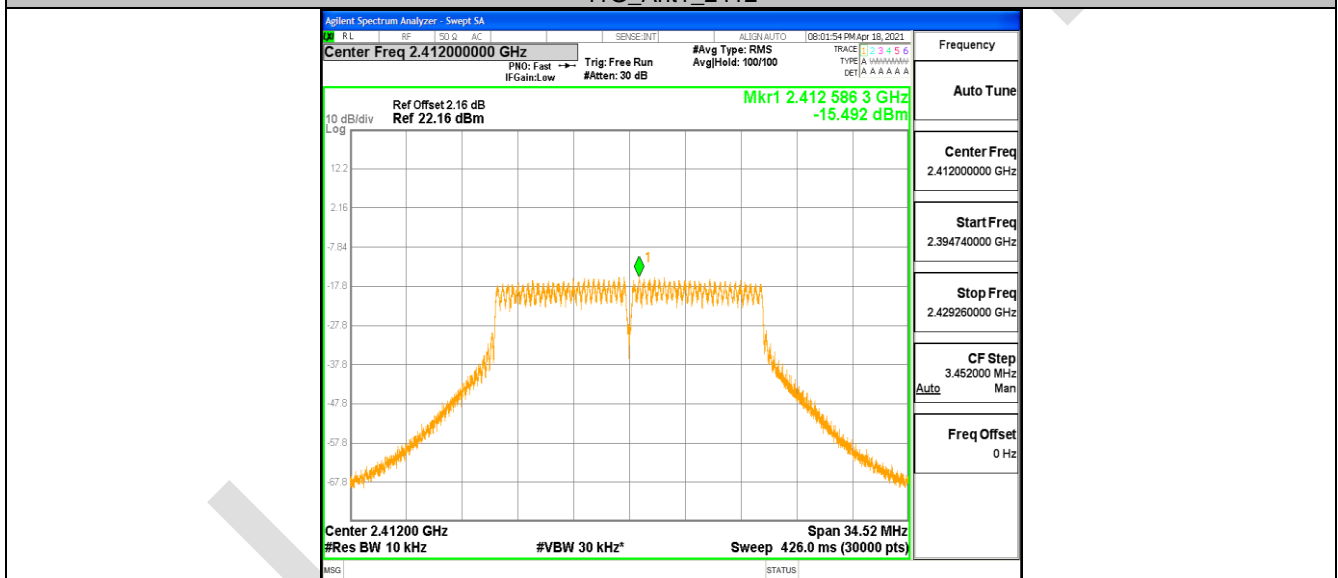
| TestMode | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B | Ant1 | 2412 | -9.34 | <=8 | PASS |
| | | 2437 | -9.82 | <=8 | PASS |
| | | 2462 | -9.84 | <=8 | PASS |
| 11G | Ant1 | 2412 | -15.49 | <=8 | PASS |
| | | 2437 | -15.28 | <=8 | PASS |
| | | 2462 | -14.15 | <=8 | PASS |
| 11N20SISO | Ant1 | 2412 | -14.87 | <=8 | PASS |
| | | 2437 | -15.34 | <=8 | PASS |
| | | 2462 | -15.19 | <=8 | PASS |

Test Graphs

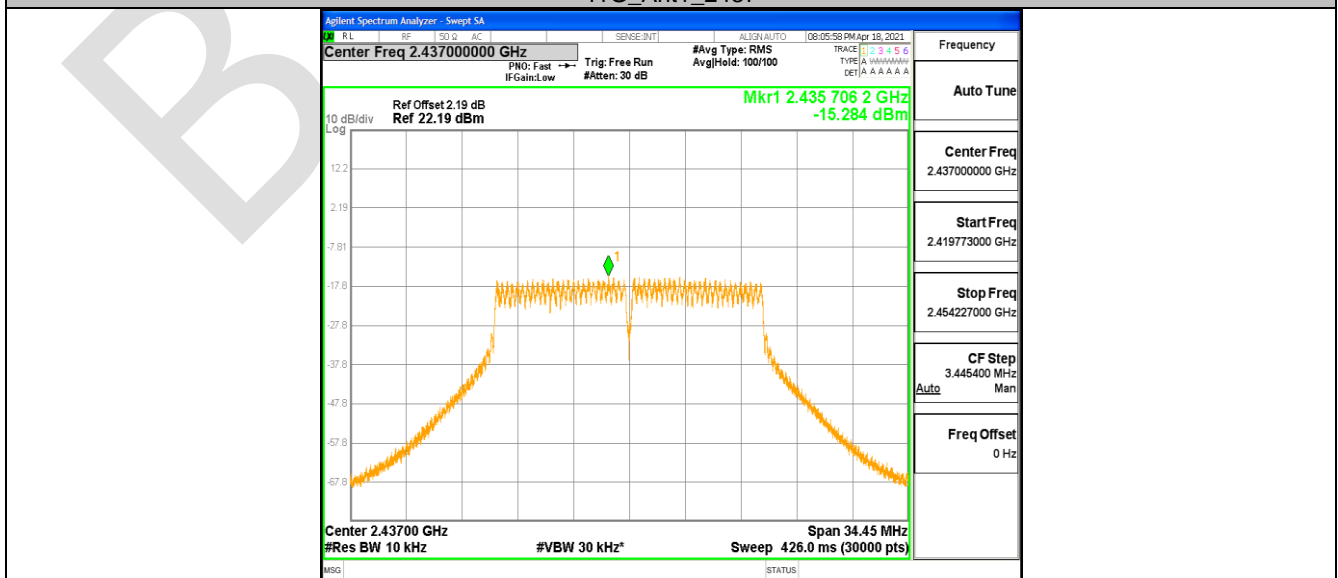




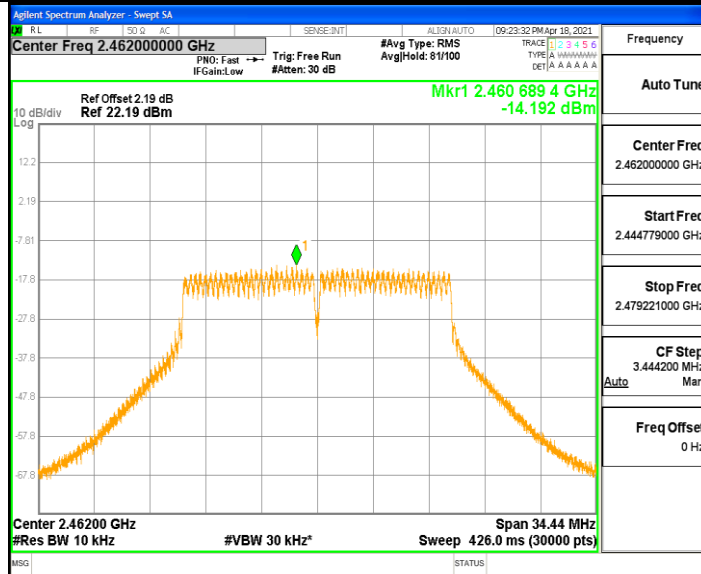
11G_Ant1_2412



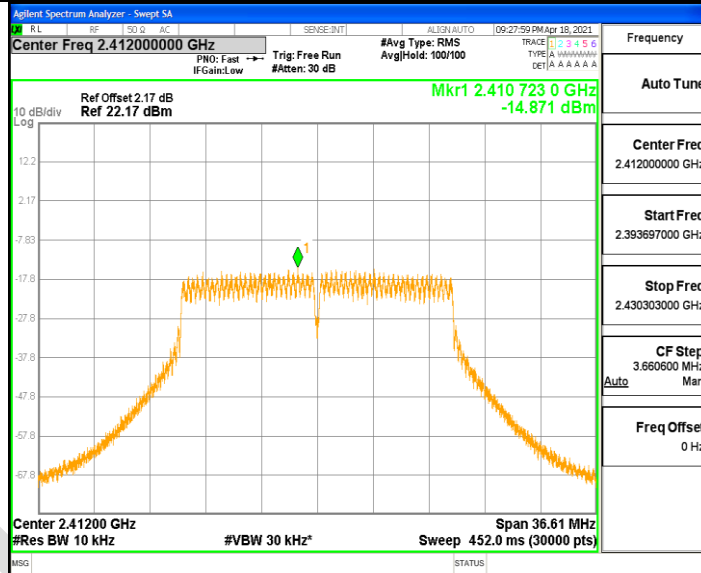
11G_Ant1_2437



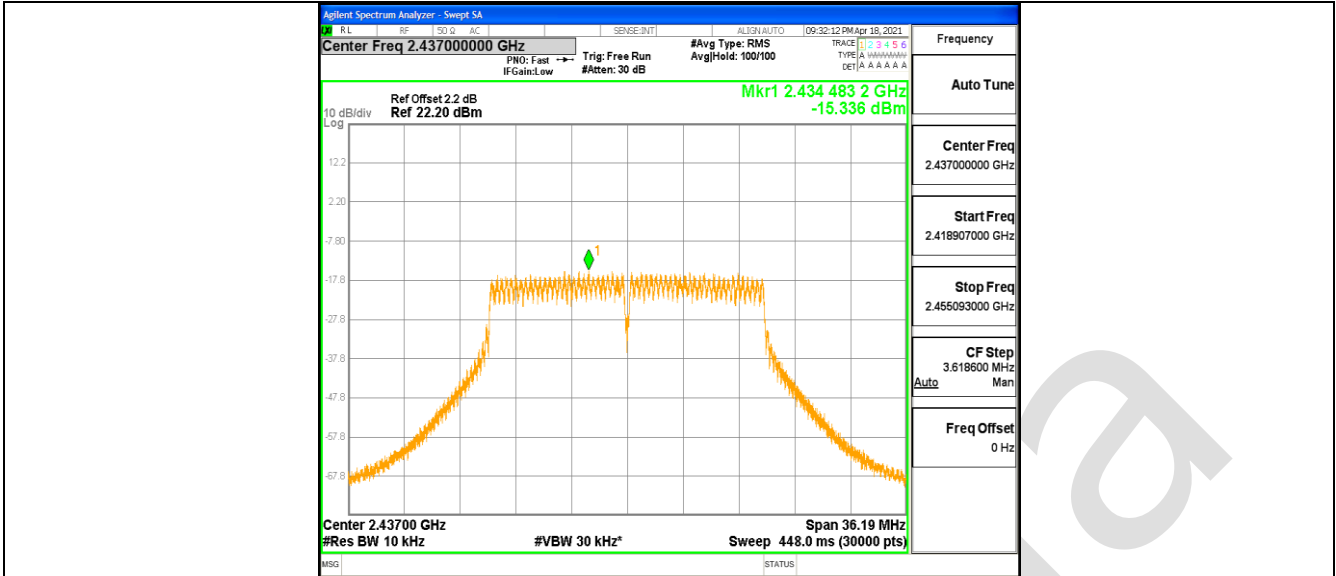
11G_Ant1_2462



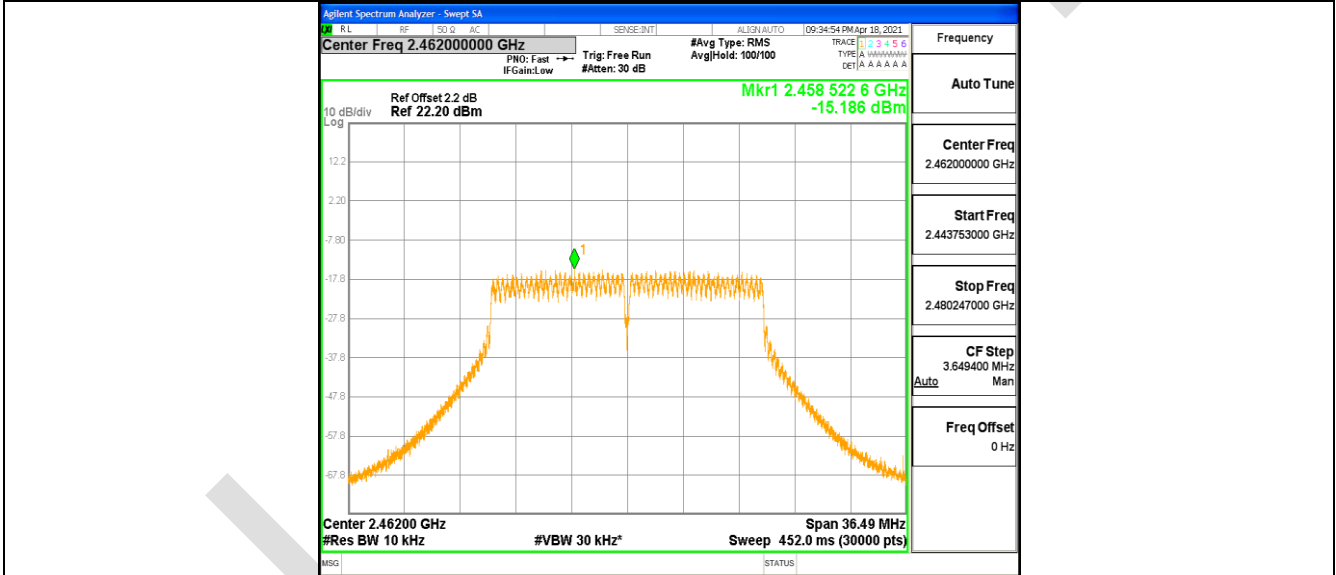
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



10.5 APPENDIXE: BAND EDGE MEASUREMENTS

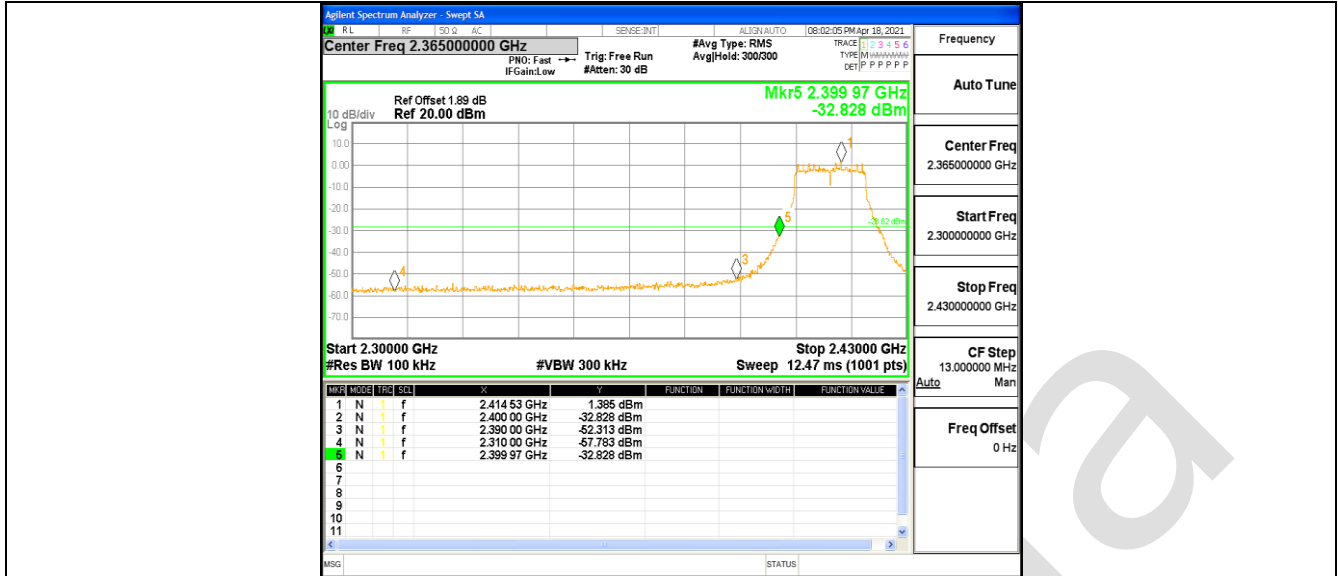
Test Result

| TestMode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B | Ant1 | Low | 2412 | 7.78 | -43.11 | <=-22.22 | PASS |
| | | High | 2462 | 8.27 | -51.72 | <=-21.73 | PASS |
| 11G | Ant1 | Low | 2412 | 1.39 | -32.83 | <=-28.62 | PASS |
| | | High | 2462 | 2.26 | -50.19 | <=-27.74 | PASS |
| 11N20SISO | Ant1 | Low | 2412 | 1.58 | -32.03 | <=-28.42 | PASS |
| | | High | 2462 | 1.66 | -50.06 | <=-28.34 | PASS |

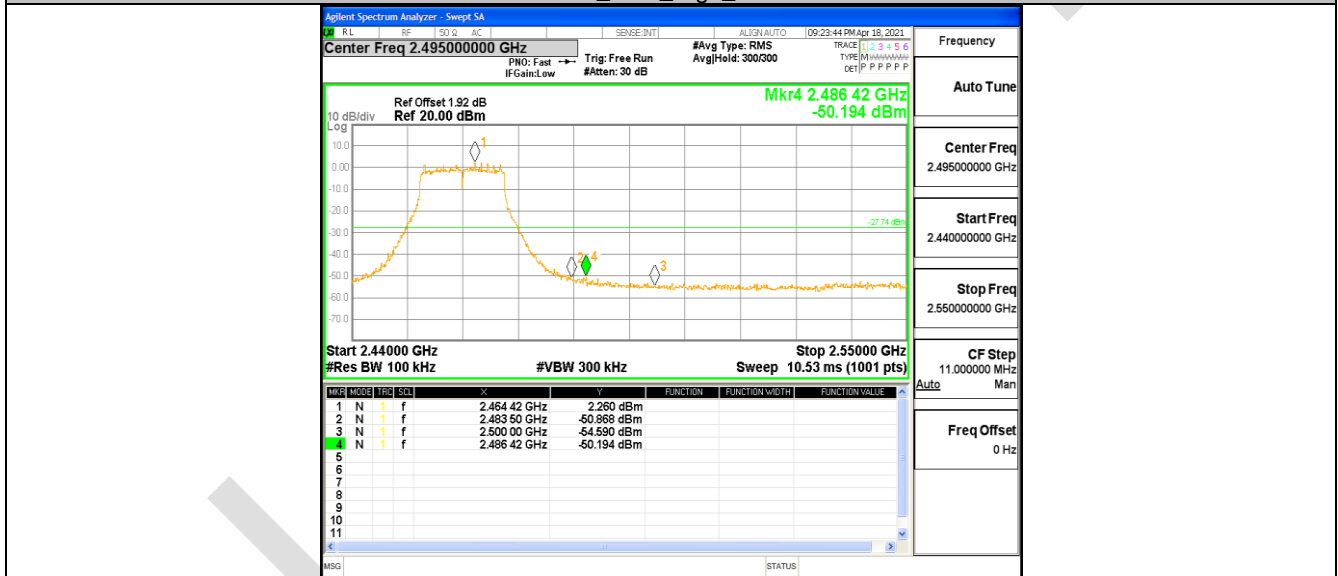
BlueAsia

Test Graphs

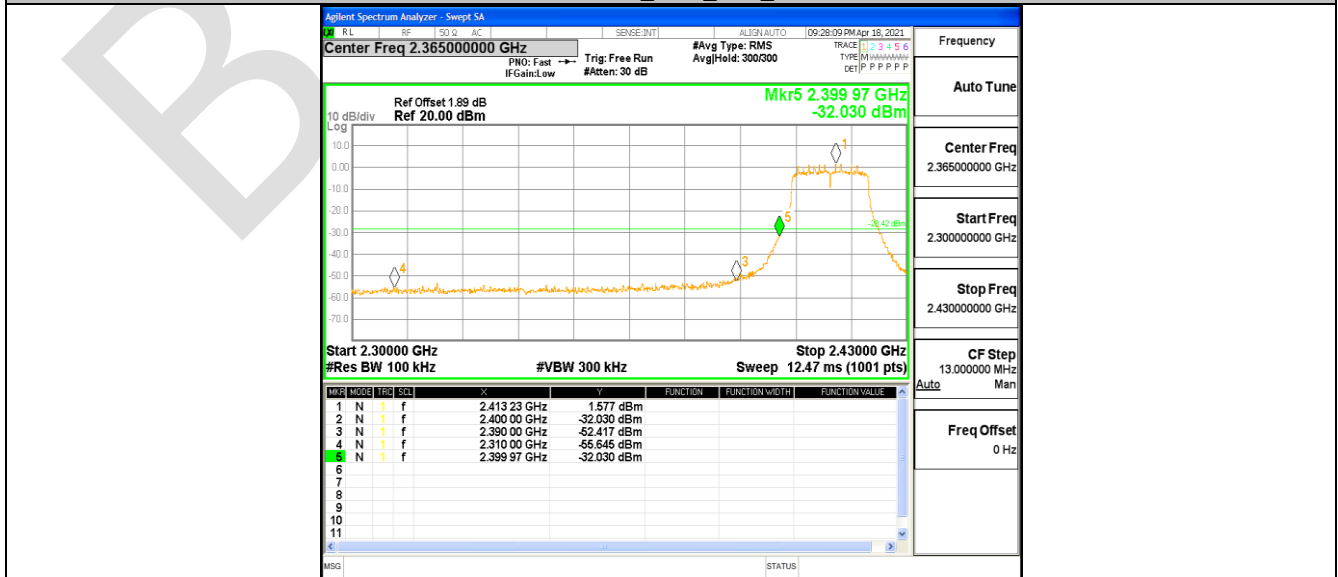


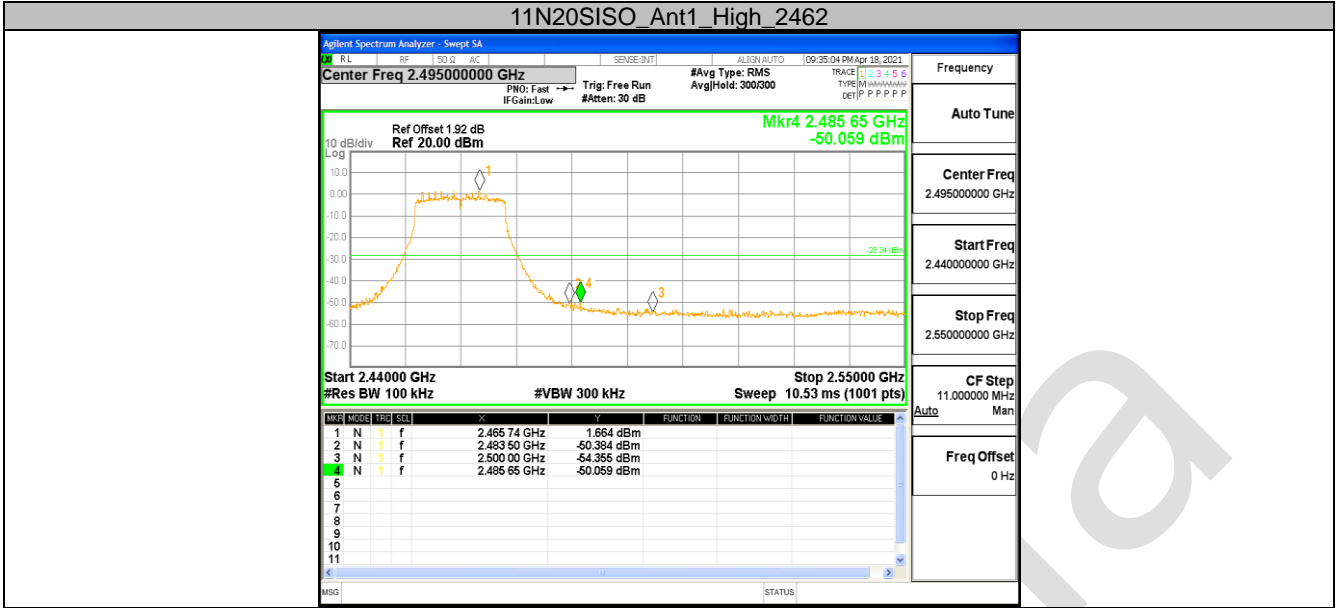


11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412

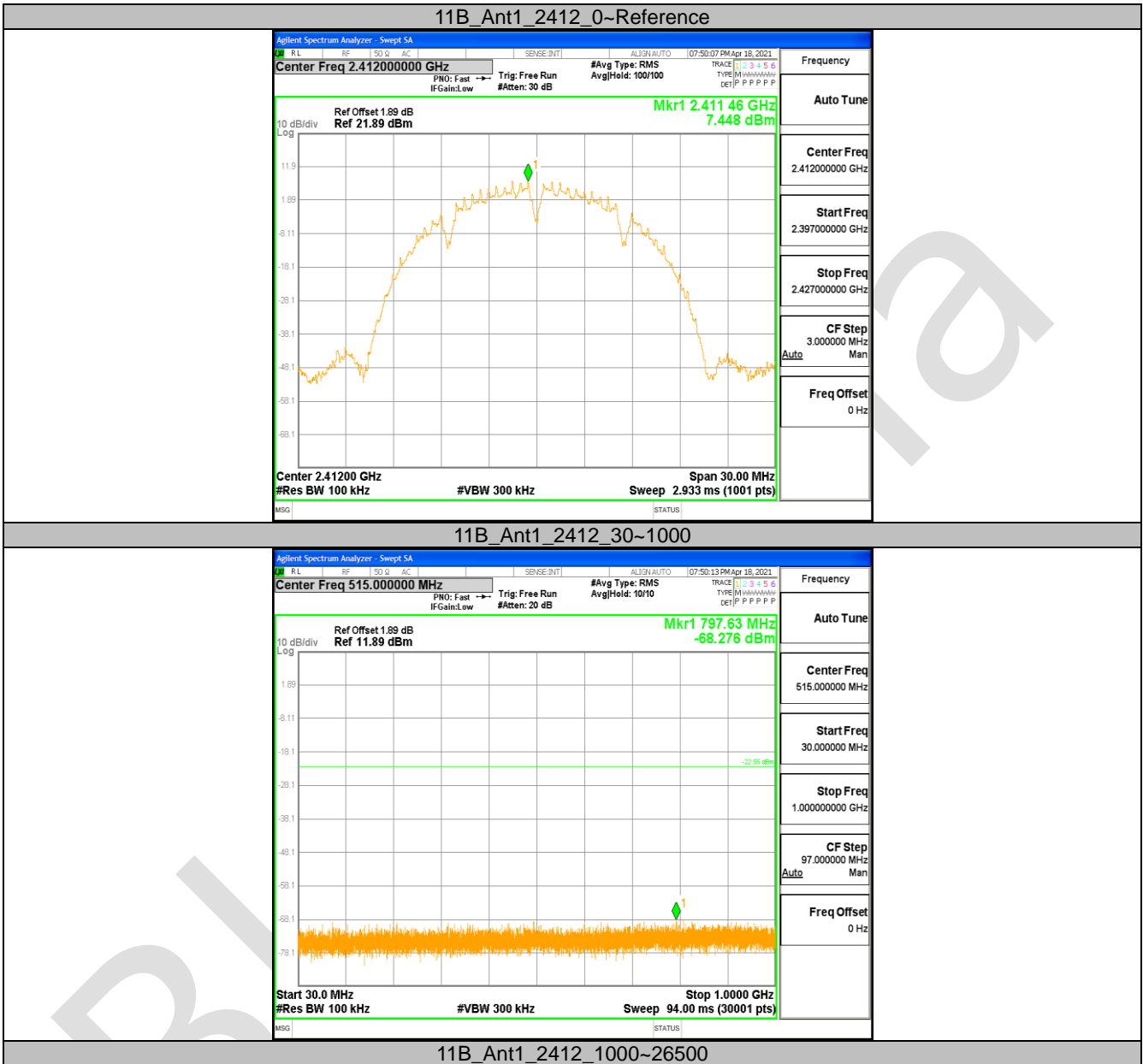


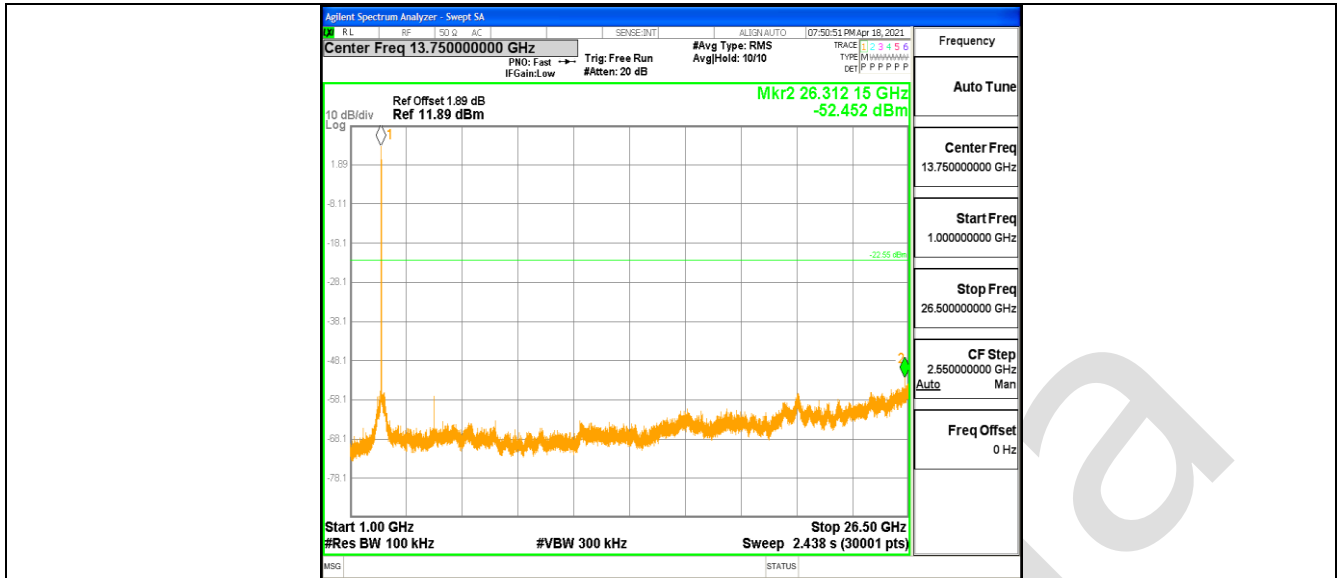


10.6 APPENDIX F: CONDUCTED SPURIOUS EMISSION
Test Result

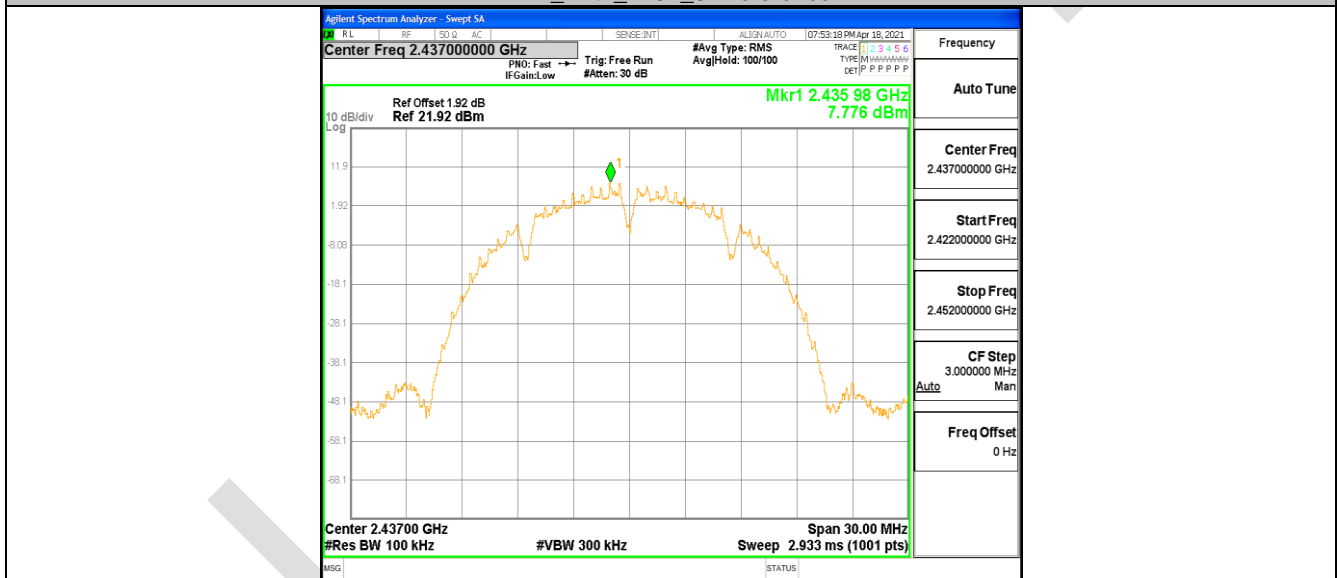
| TestMode | Antenna | Channel | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|-----------------|----------------|--------------|-------------|---------|
| 11B | Ant1 | 2412 | Reference | 7.45 | 7.45 | --- | PASS |
| | | | 30~1000 | 7.45 | -68.28 | <=-22.55 | PASS |
| | | | 1000~26500 | 7.45 | -52.45 | <=-22.55 | PASS |
| | | 2437 | Reference | 7.78 | 7.78 | --- | PASS |
| | | | 30~1000 | 7.78 | -67.82 | <=-22.22 | PASS |
| | | | 1000~26500 | 7.78 | -53.64 | <=-22.22 | PASS |
| | | 2462 | Reference | 8.16 | 8.16 | --- | PASS |
| | | | 30~1000 | 8.16 | -66.7 | <=-21.84 | PASS |
| | | | 1000~26500 | 8.16 | -54.33 | <=-21.84 | PASS |
| 11G | Ant1 | 2412 | Reference | 0.66 | 0.66 | --- | PASS |
| | | | 30~1000 | 0.66 | -68.44 | <=-29.35 | PASS |
| | | | 1000~26500 | 0.66 | -53.69 | <=-29.35 | PASS |
| | | 2437 | Reference | 2.02 | 2.02 | --- | PASS |
| | | | 30~1000 | 2.02 | -67.09 | <=-27.98 | PASS |
| | | | 1000~26500 | 2.02 | -52.66 | <=-27.98 | PASS |
| | | 2462 | Reference | 2.59 | 2.59 | --- | PASS |
| | | | 30~1000 | 2.59 | -67.05 | <=-27.41 | PASS |
| | | | 1000~26500 | 2.59 | -53.57 | <=-27.41 | PASS |
| 11N20SISO | Ant1 | 2412 | Reference | 0.58 | 0.58 | --- | PASS |
| | | | 30~1000 | 0.58 | -67.36 | <=-29.42 | PASS |
| | | | 1000~26500 | 0.58 | -52.79 | <=-29.42 | PASS |
| | | 2437 | Reference | 1.20 | 1.20 | --- | PASS |
| | | | 30~1000 | 1.20 | -66.08 | <=-28.8 | PASS |
| | | | 1000~26500 | 1.20 | -52.31 | <=-28.8 | PASS |
| | | 2462 | Reference | 2.28 | 2.28 | --- | PASS |
| | | | 30~1000 | 2.28 | -66.7 | <=-27.72 | PASS |
| | | | 1000~26500 | 2.28 | -53.02 | <=-27.72 | PASS |

Test Graphs

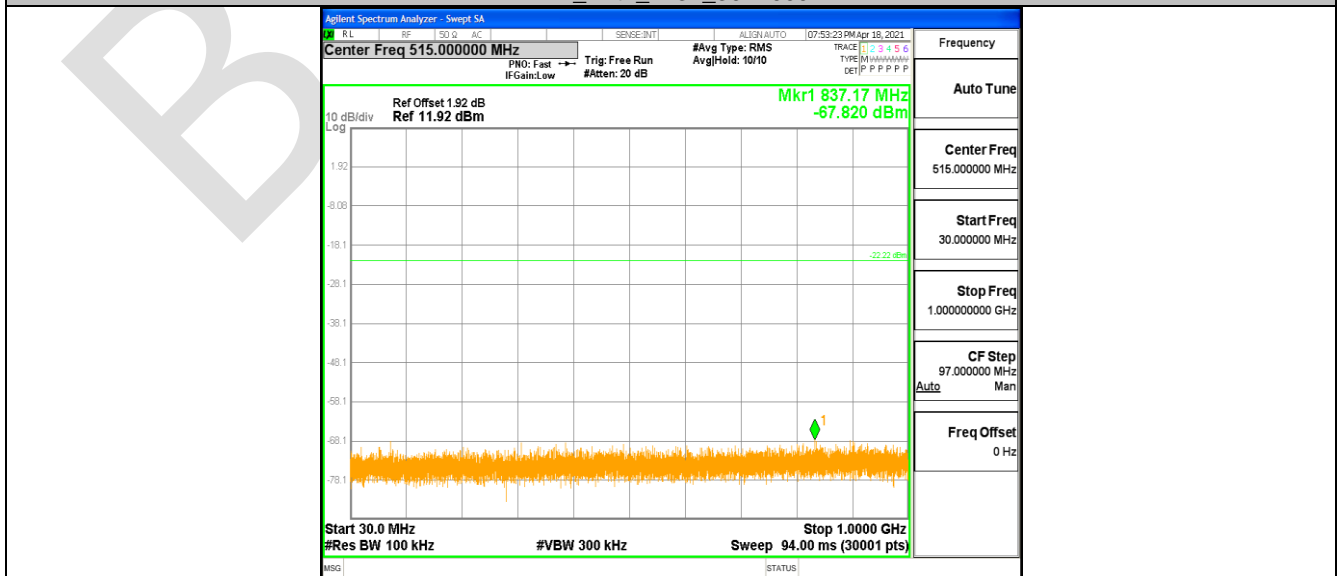


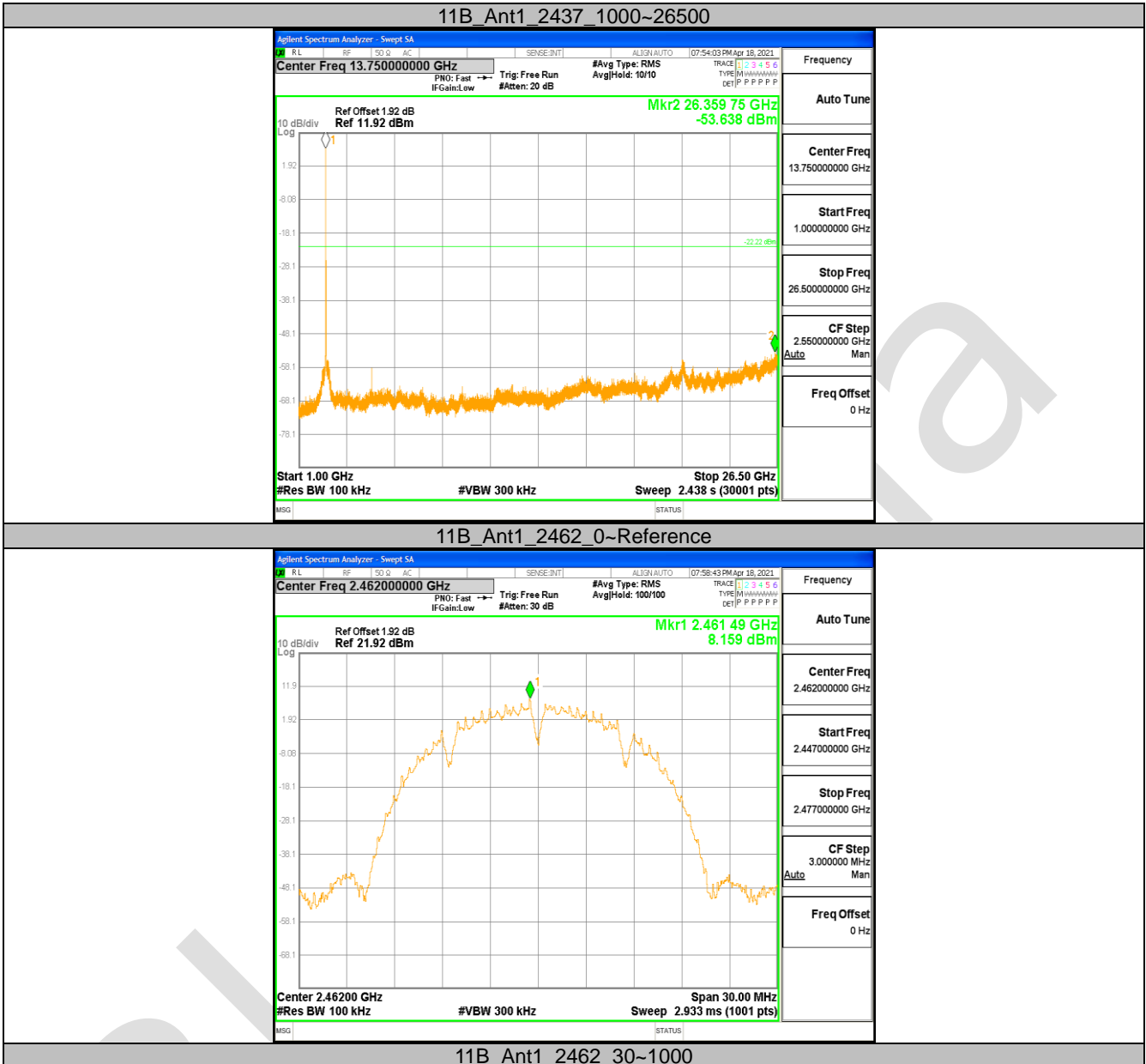


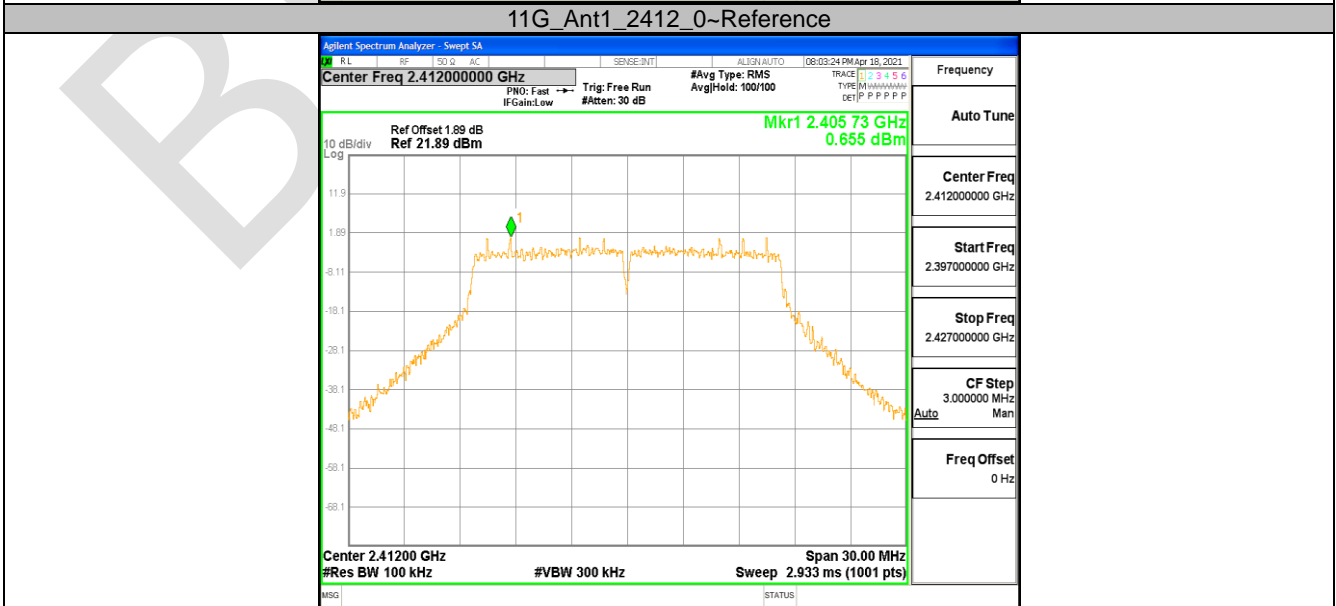
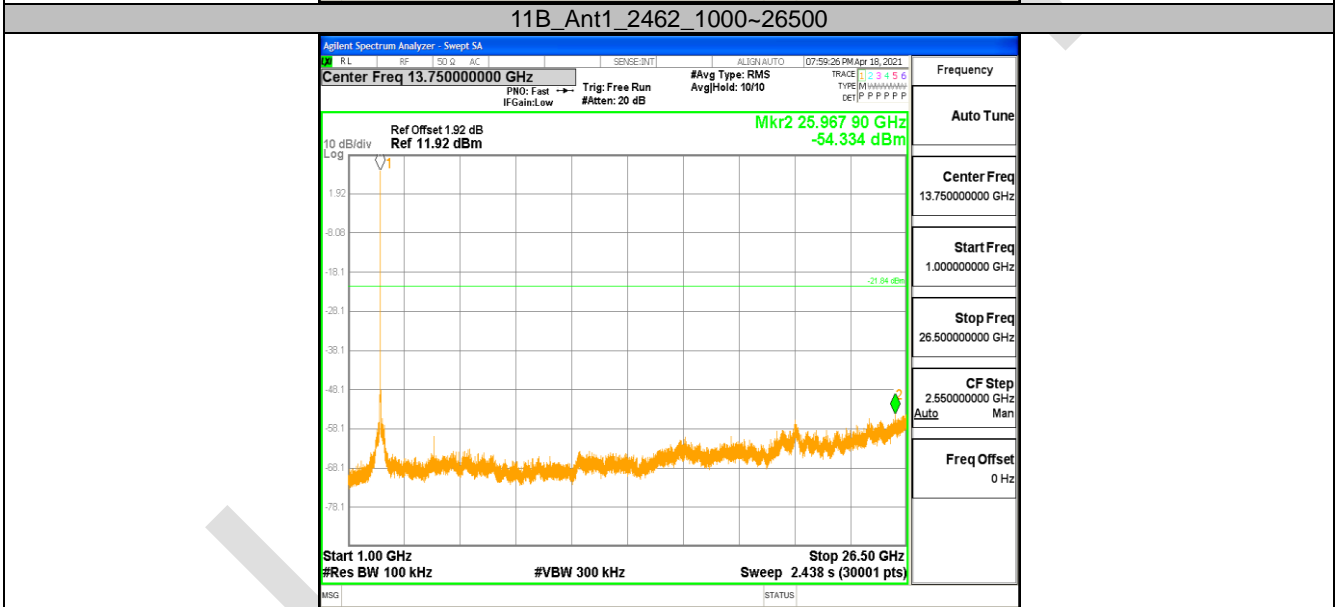
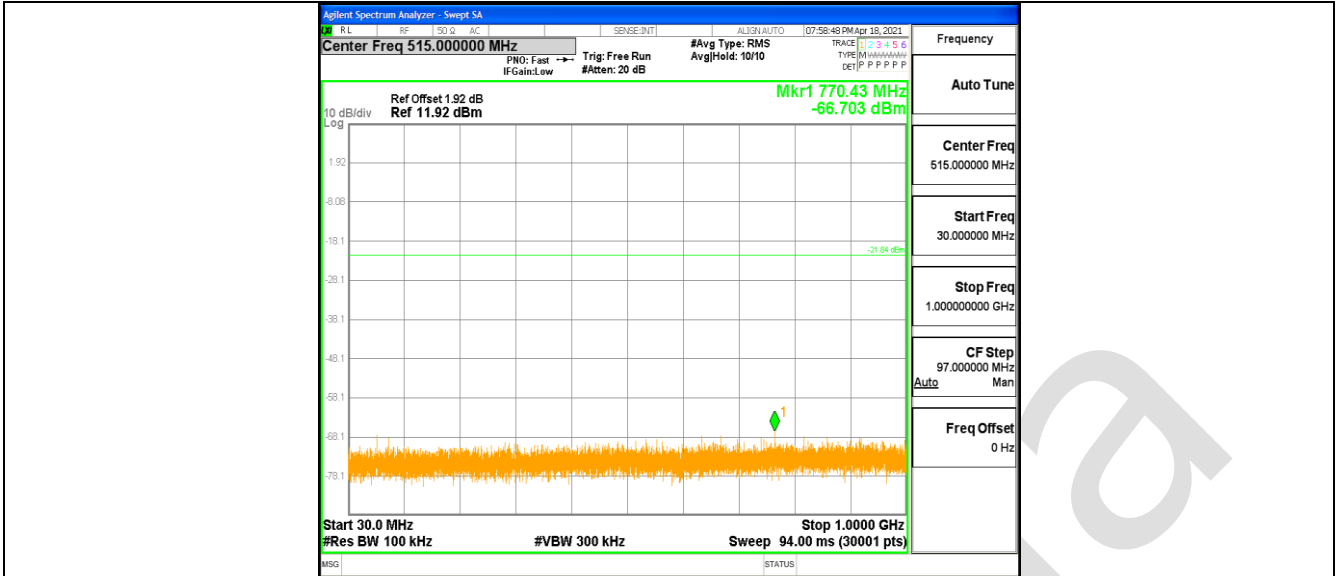
11B_Ant1_2437_0~Reference



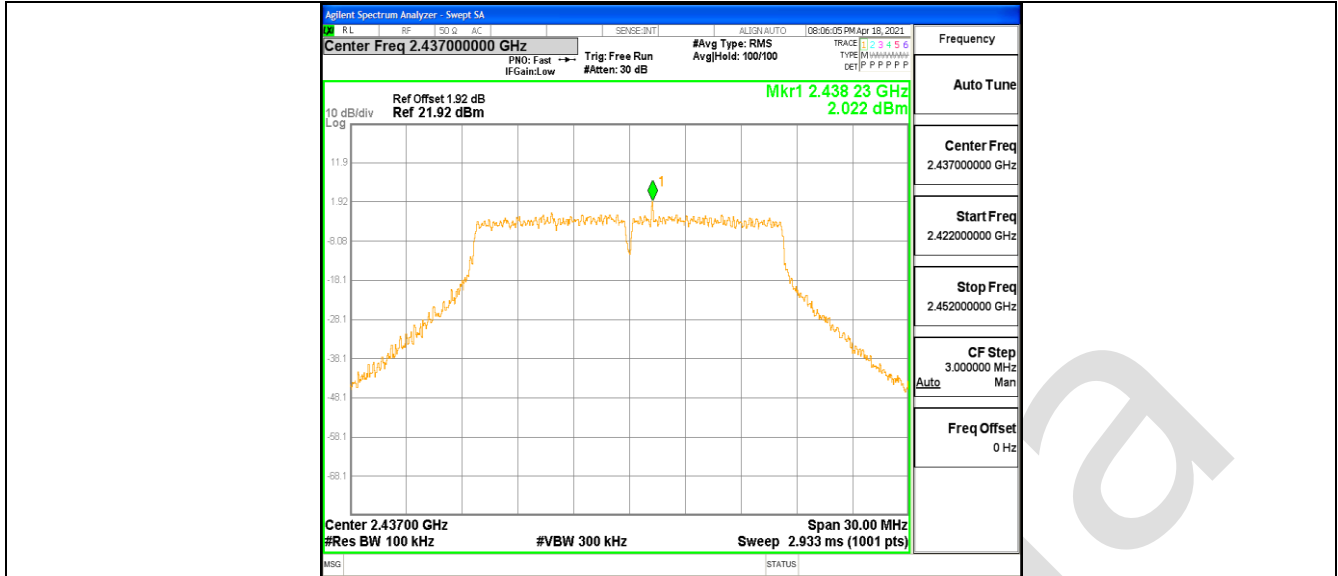
11B_Ant1_2437_30~1000



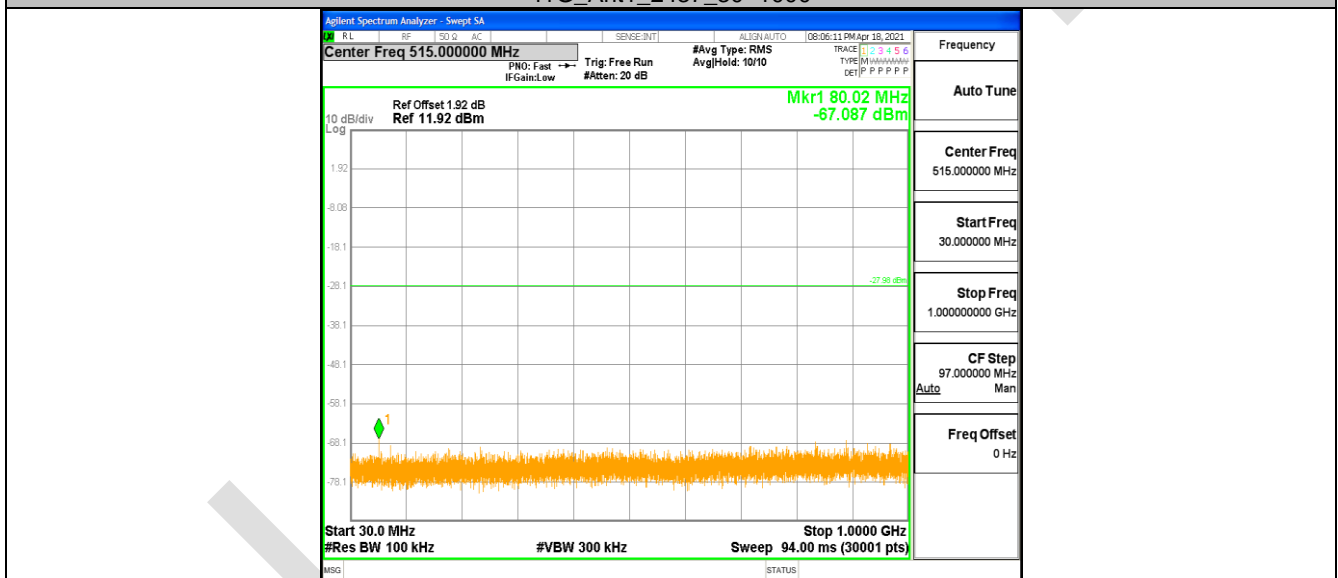




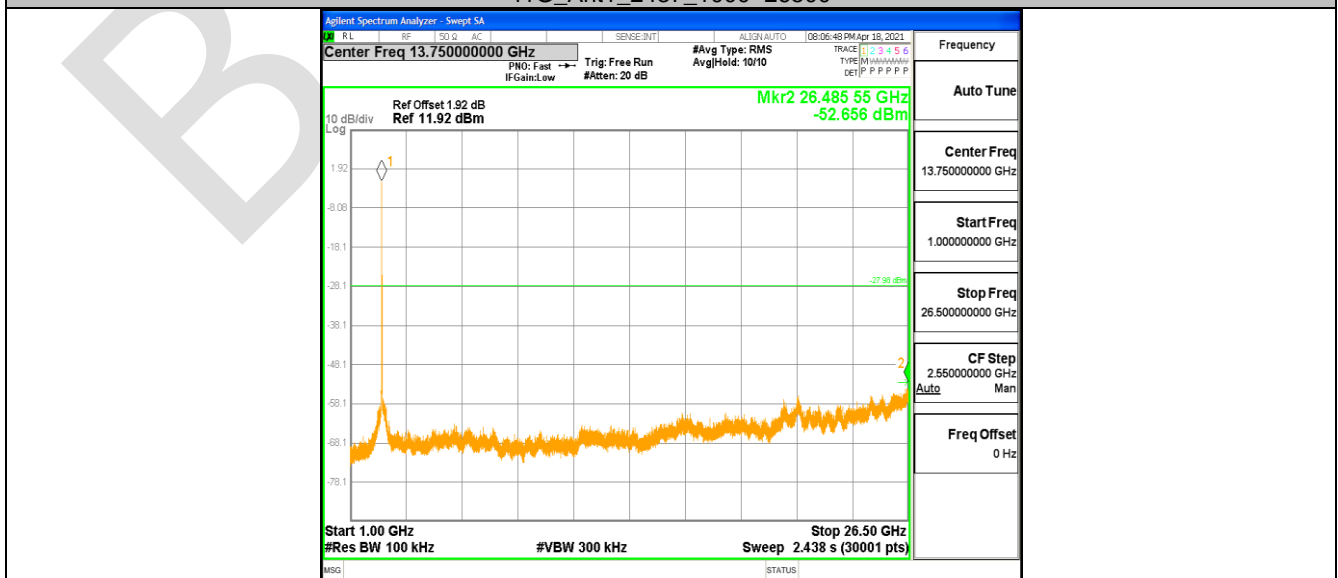


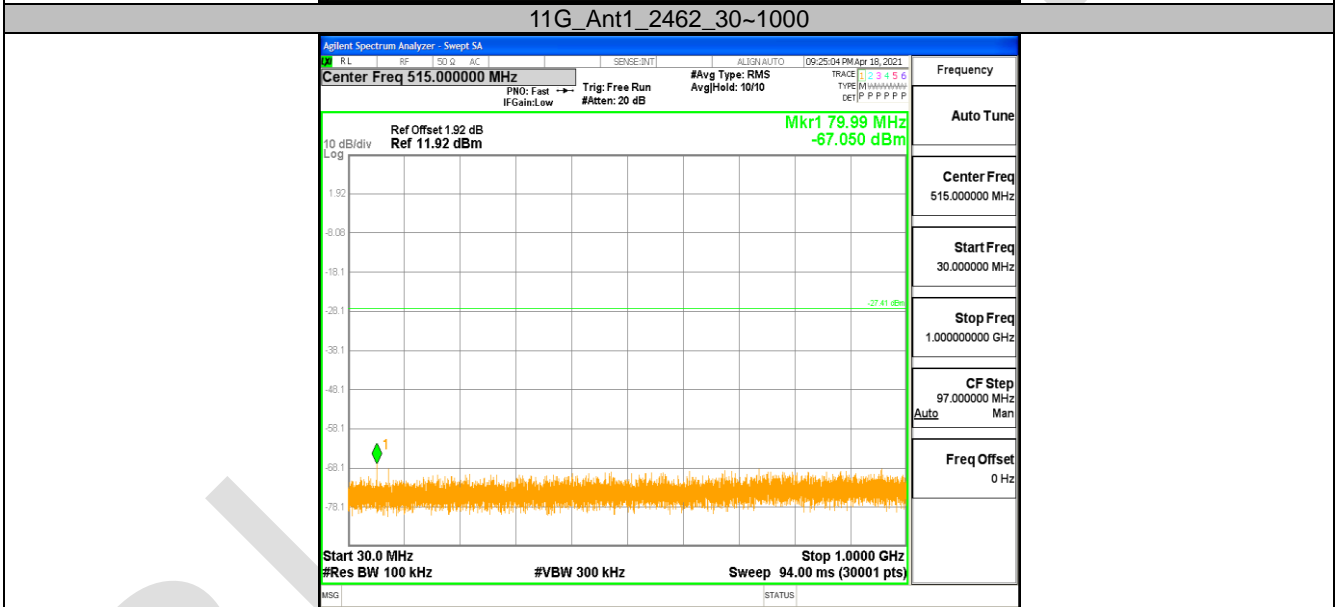
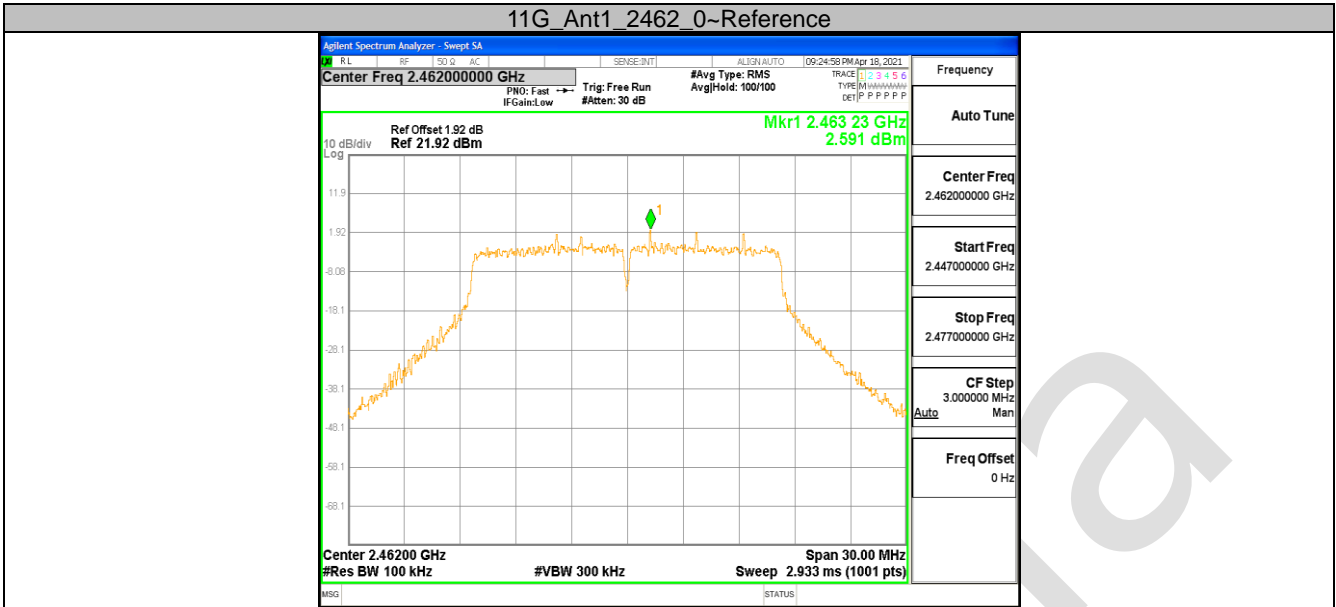


11G_Ant1_2437_30~1000

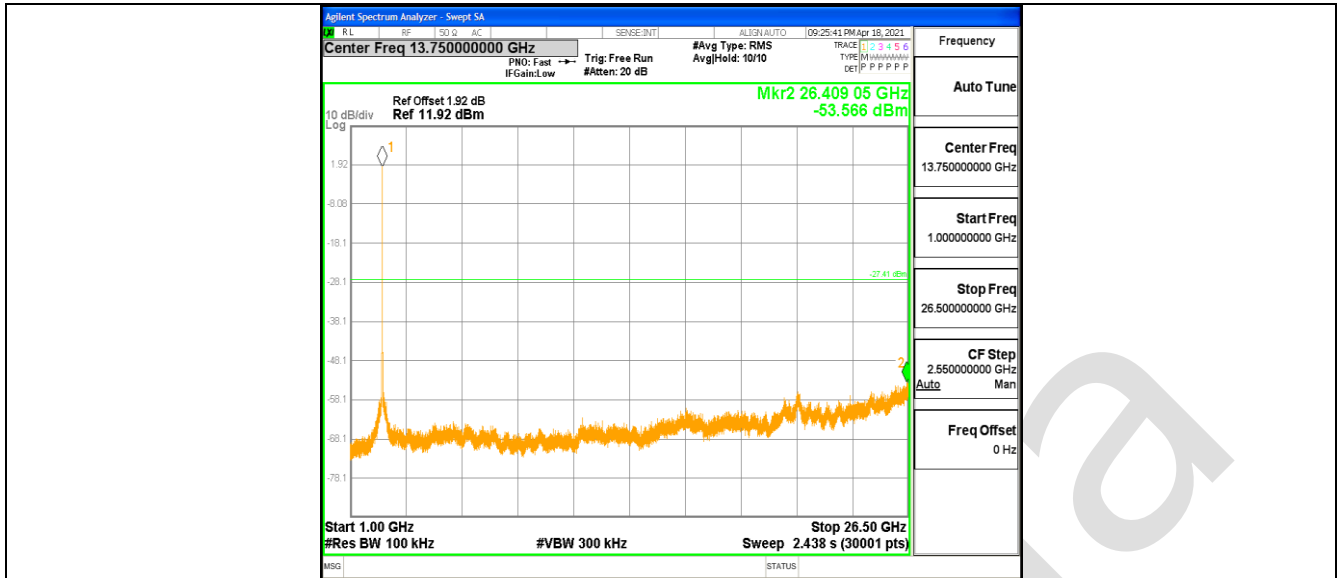


11G_Ant1_2437_1000~26500

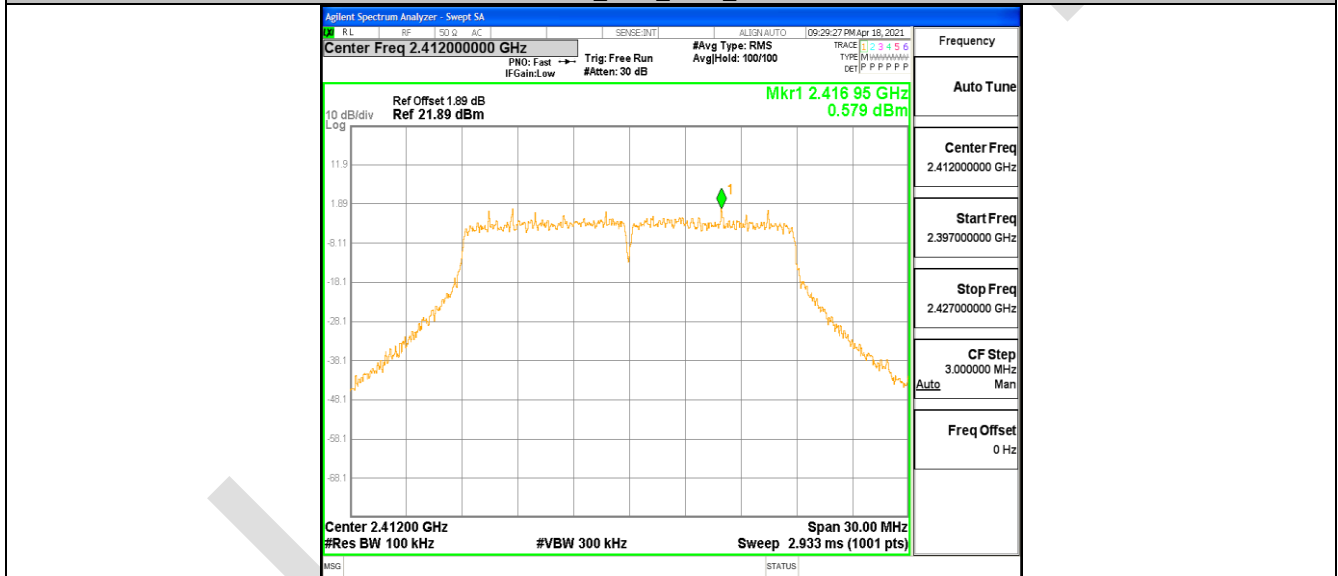




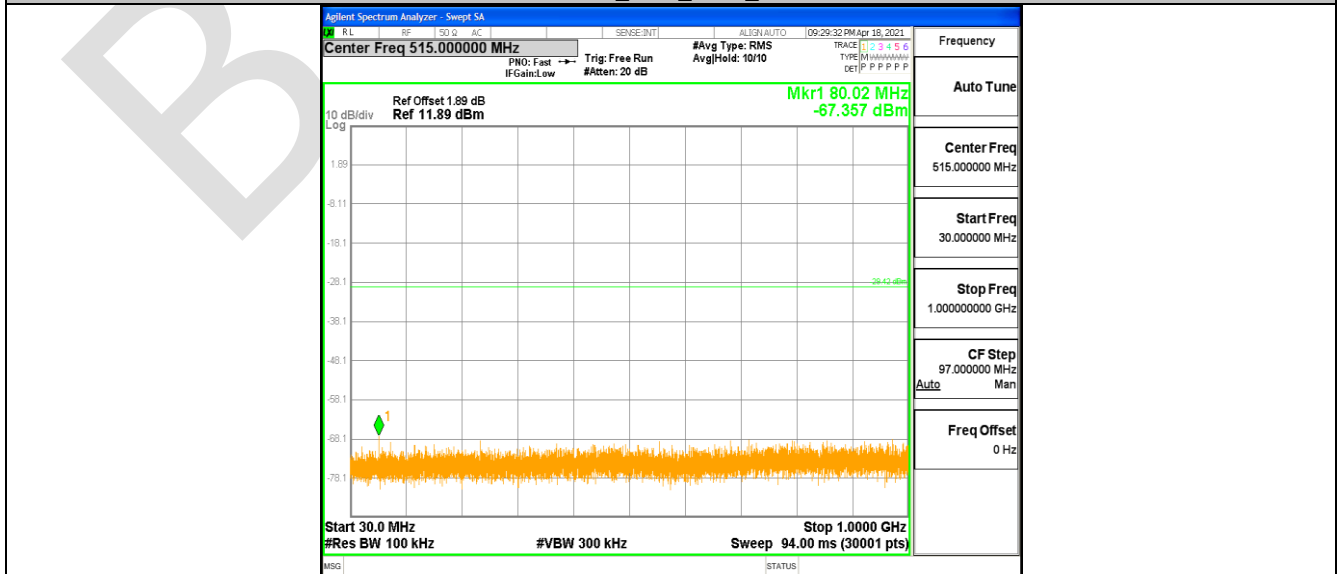
11G_Ant1_2462_1000~26500

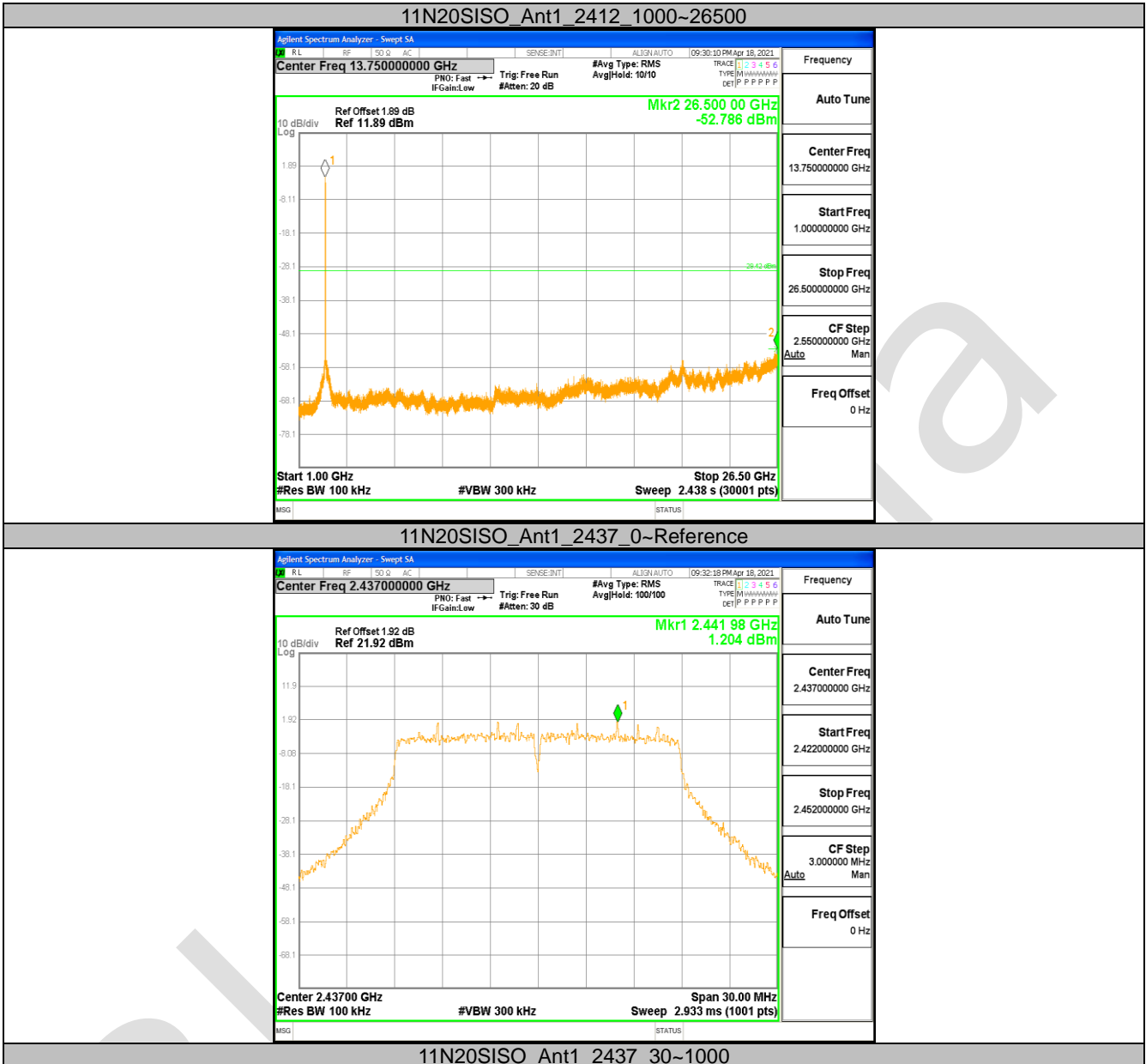


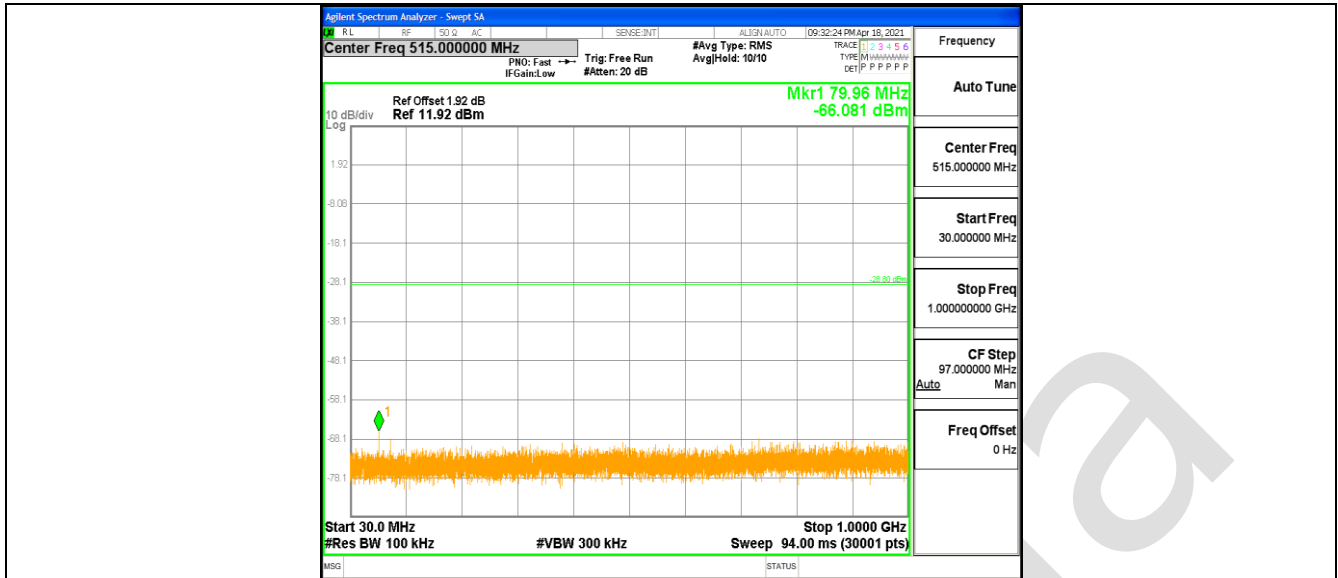
11N20SISO_Ant1_2412_0~Reference



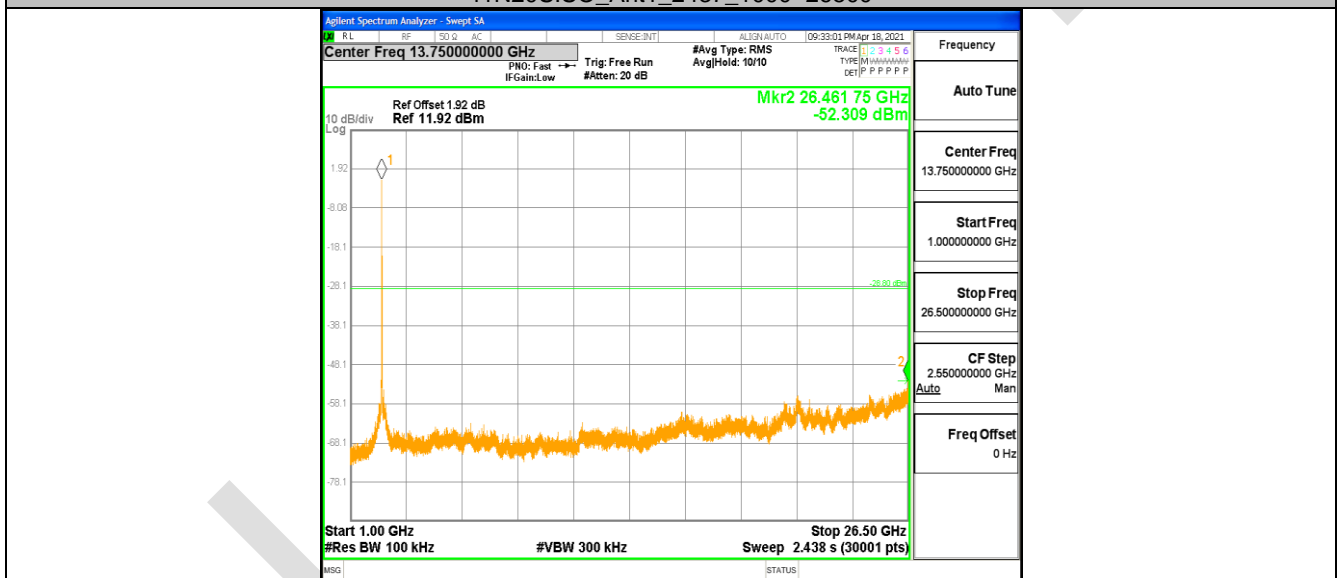
11N20SISO_Ant1_2412_30~1000







11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference

