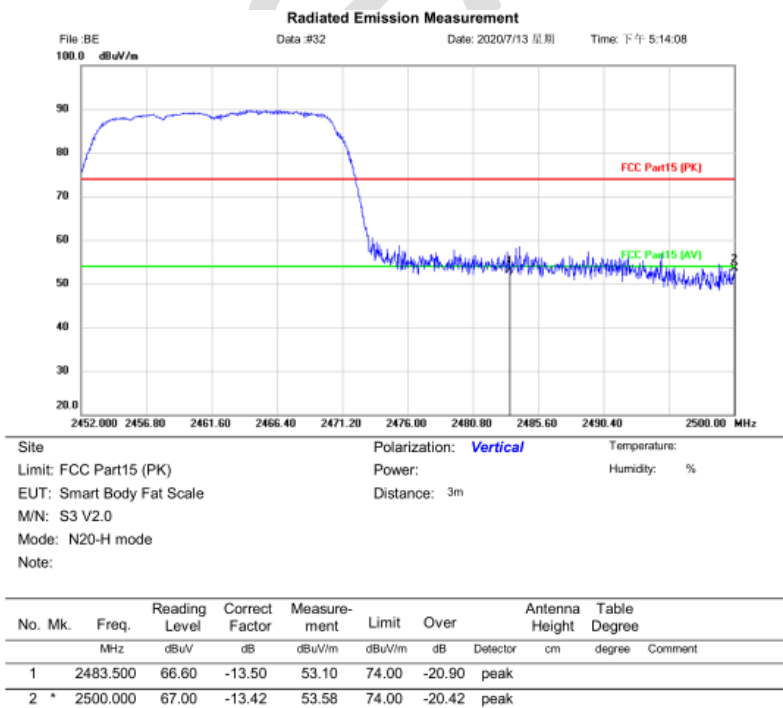
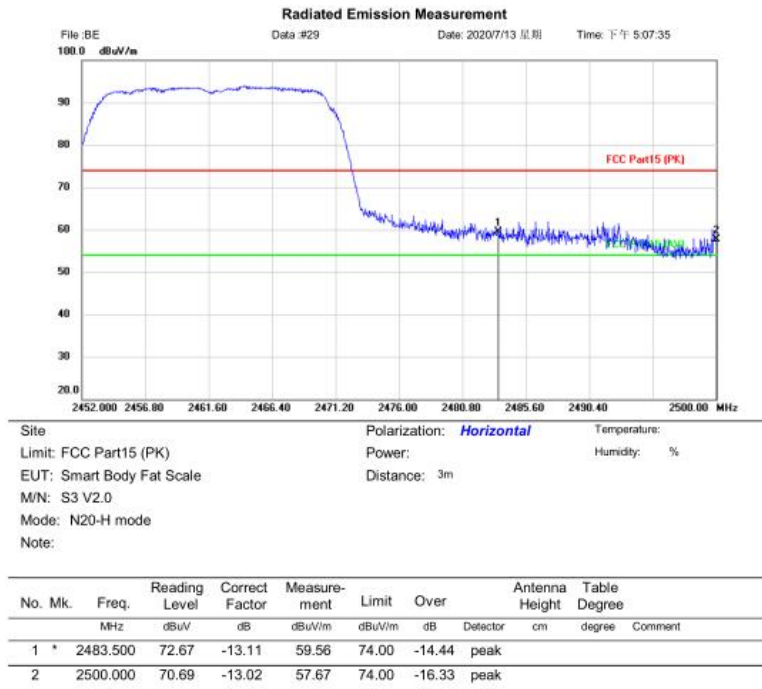
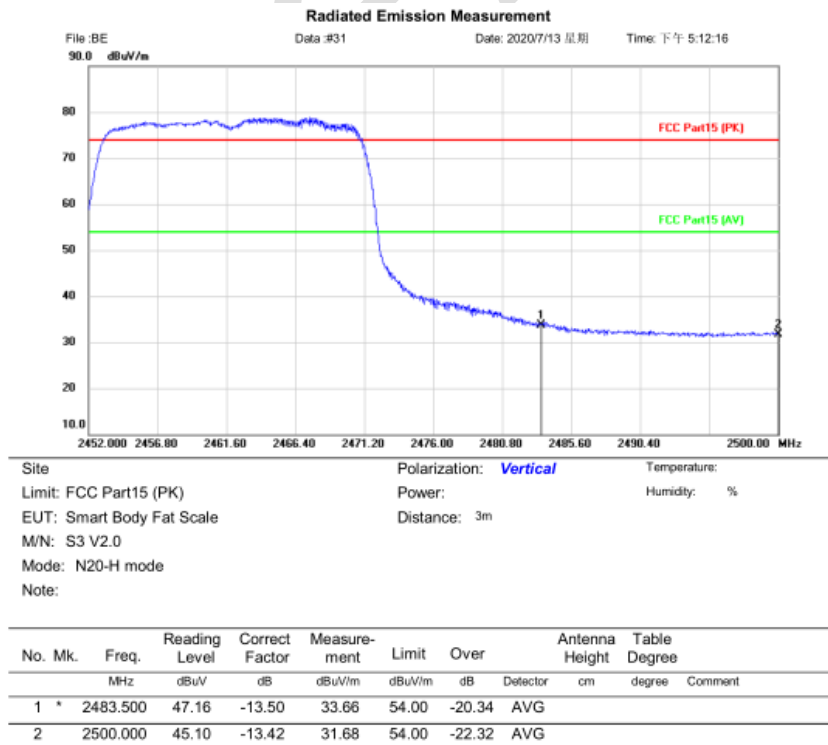
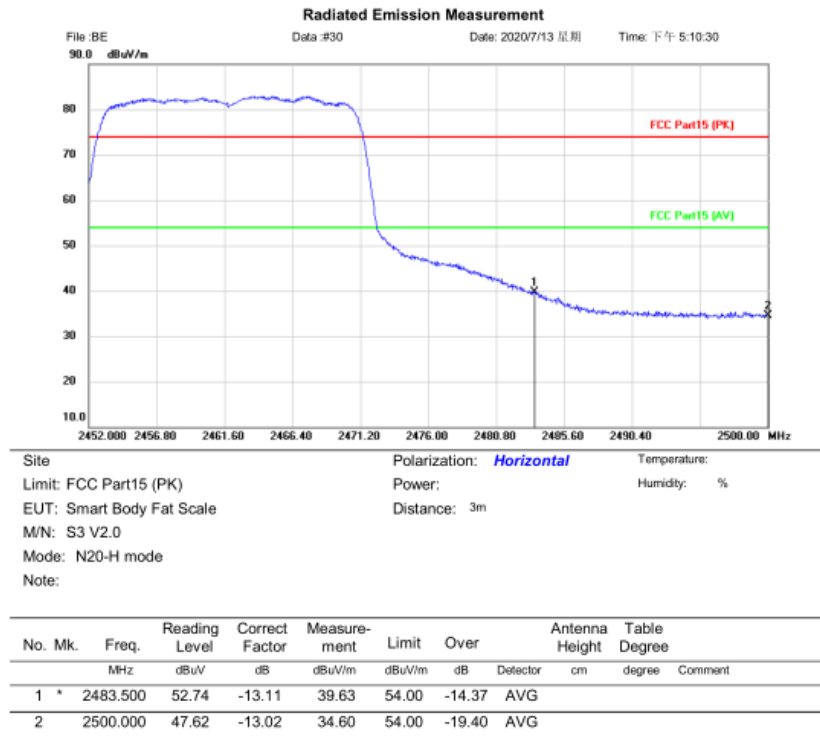


802.11n20: Highest channel

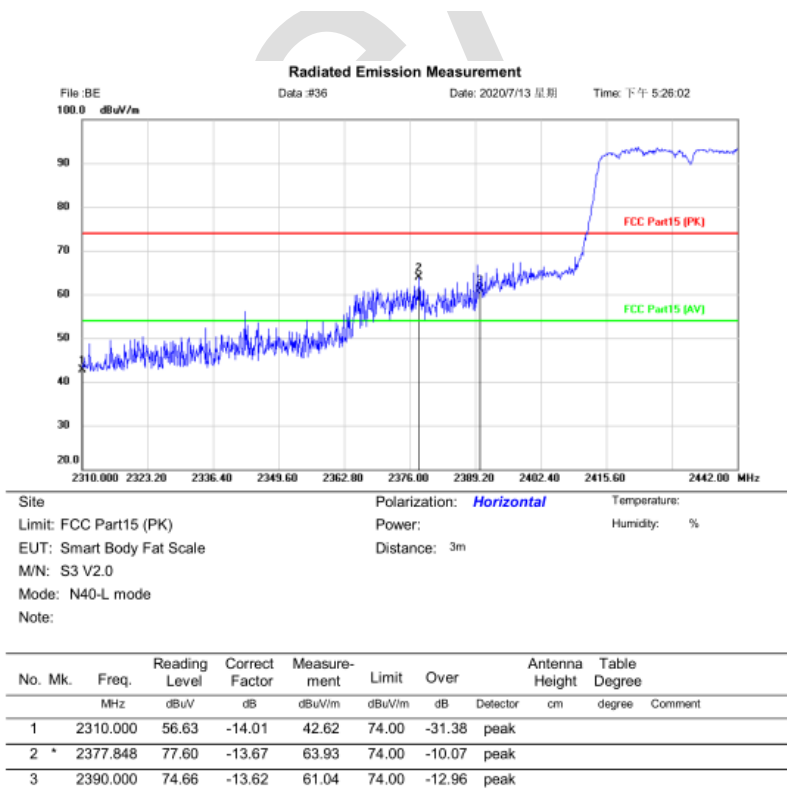
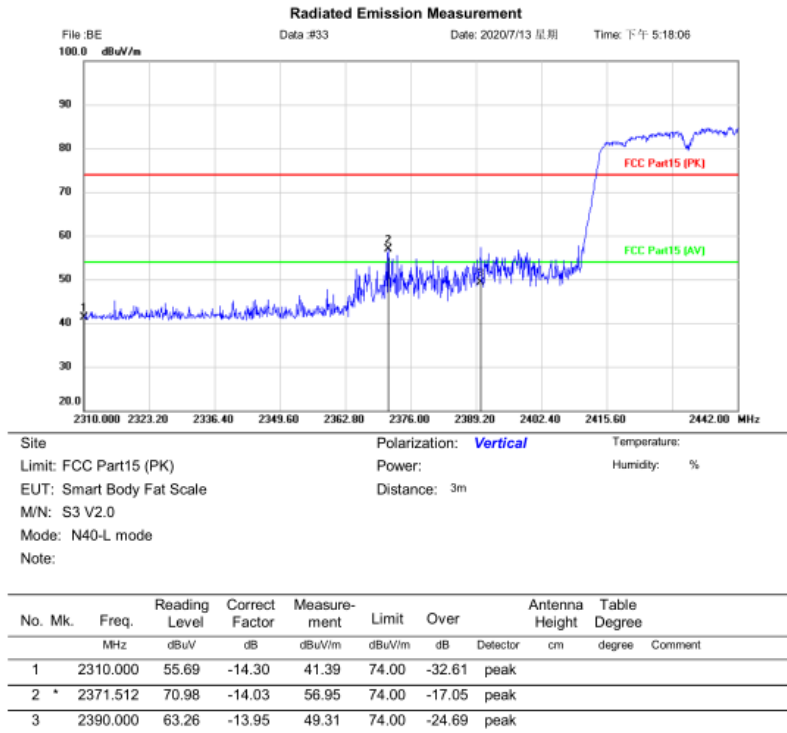
Peak value



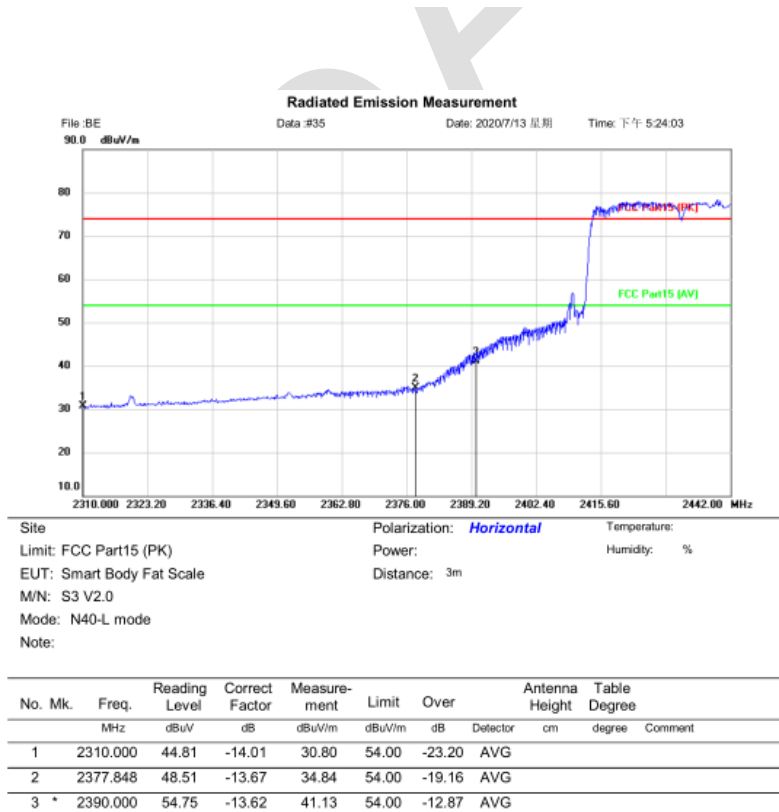
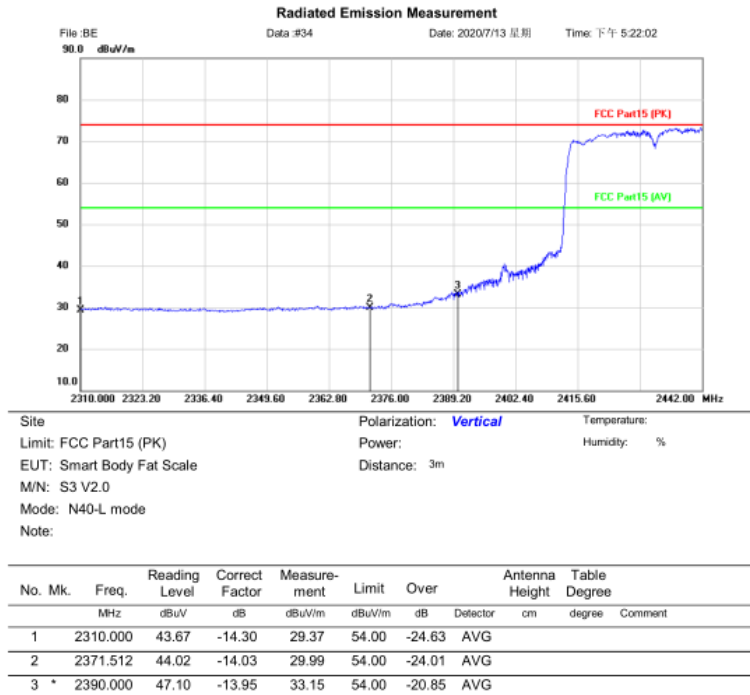
AVG value



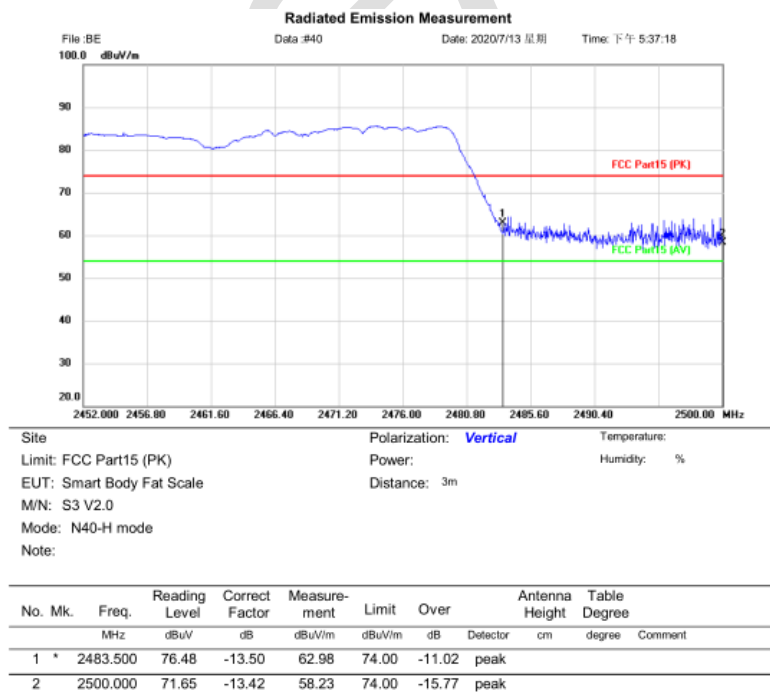
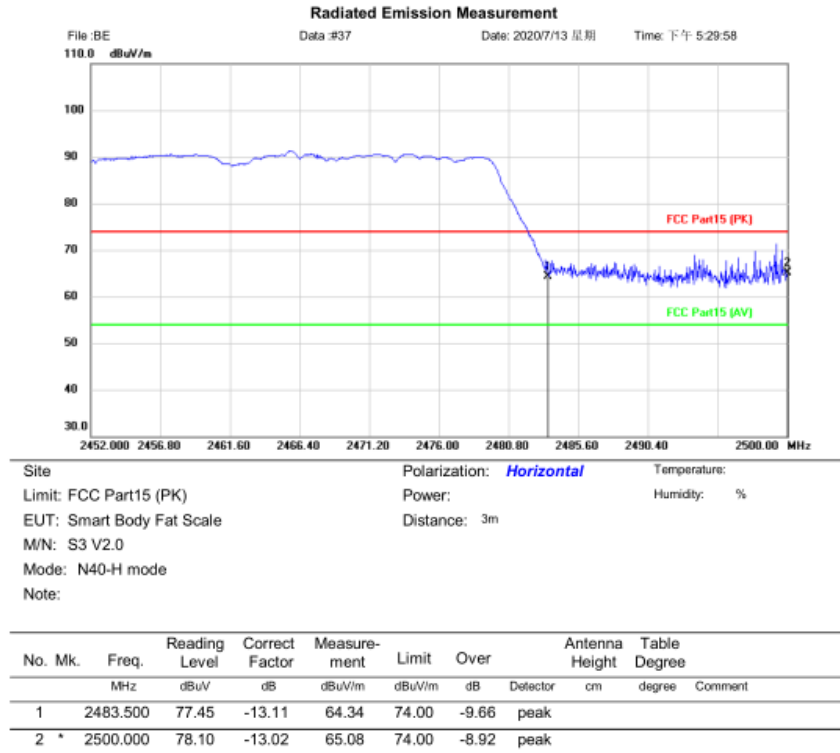
802.11n40: Lowest channel
Peak value



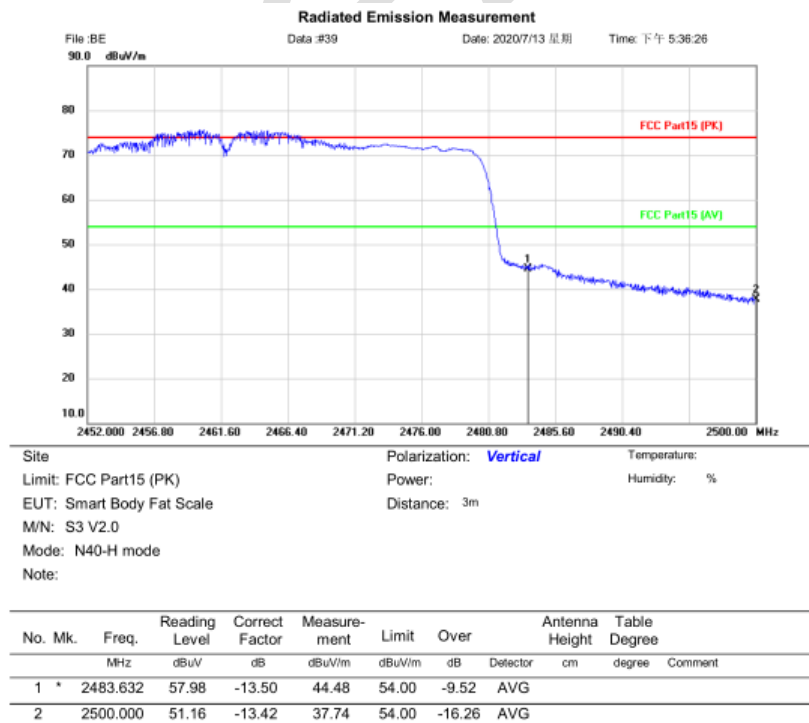
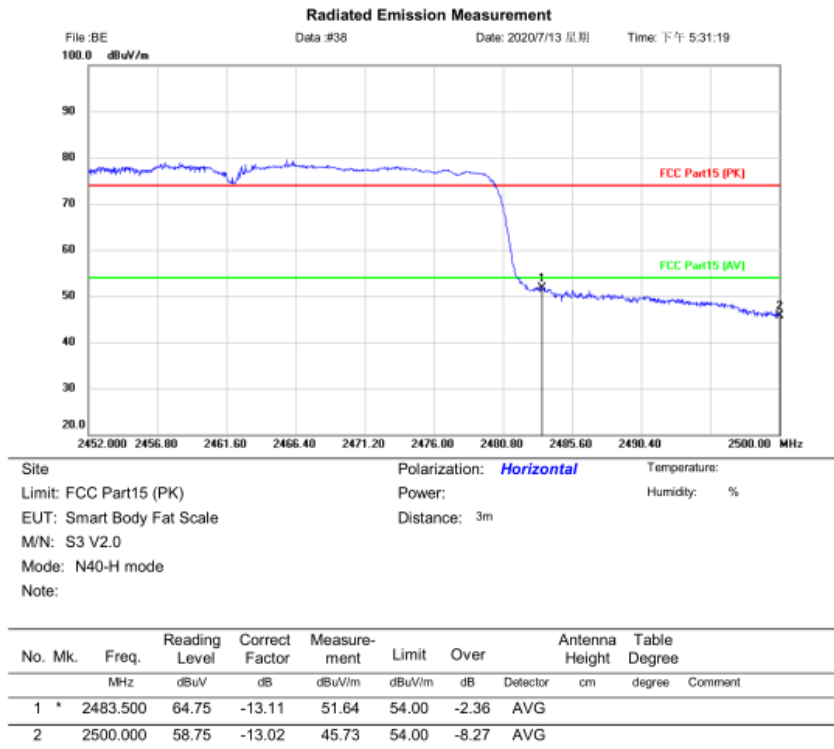
AVG value



802.11n40: Highest channel Peak value



AVG value



10 APPENDIX

Appendix1

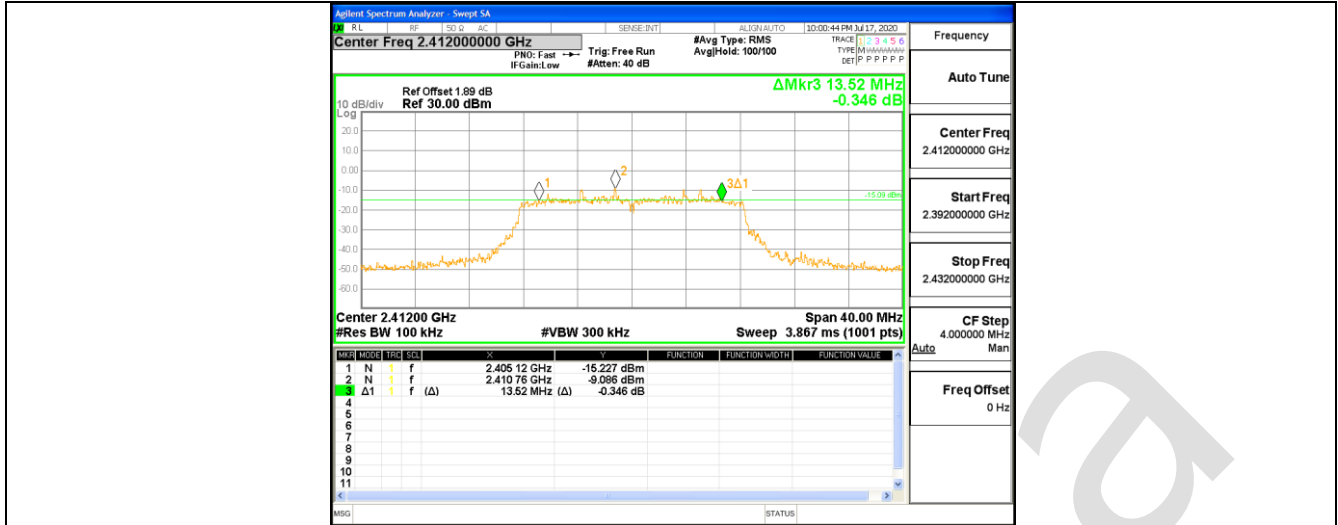
10.1 APPENDIXA: DTS BANDWIDTH

Test Result

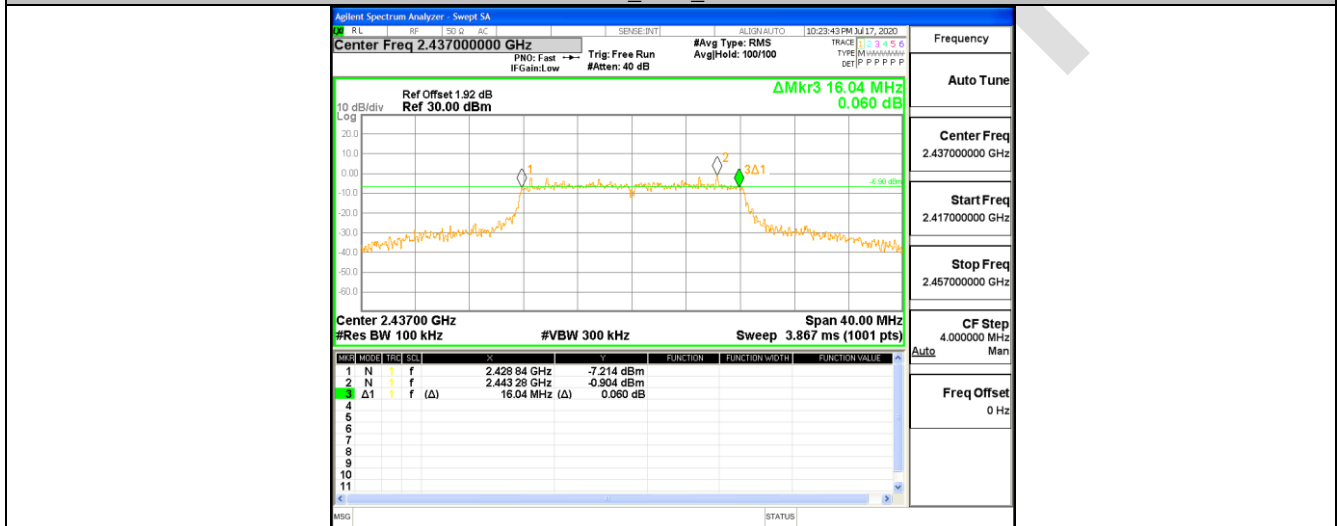
| TestMode | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B | Ant1 | 2412 | 9.200 | 2407.440 | 2416.640 | >=0.5 | PASS |
| | | 2437 | 9.120 | 2432.440 | 2441.560 | >=0.5 | PASS |
| | | 2462 | 8.680 | 2457.920 | 2466.600 | >=0.5 | PASS |
| 11G | Ant1 | 2412 | 13.520 | 2405.120 | 2418.640 | >=0.5 | PASS |
| | | 2437 | 16.040 | 2428.840 | 2444.880 | >=0.5 | PASS |
| | | 2462 | 15.200 | 2454.440 | 2469.640 | >=0.5 | PASS |
| 11N20SISO | Ant1 | 2412 | 17.200 | 2403.600 | 2420.800 | >=0.5 | PASS |
| | | 2437 | 16.400 | 2428.240 | 2444.640 | >=0.5 | PASS |
| | | 2462 | 15.720 | 2454.120 | 2469.840 | >=0.5 | PASS |
| 11N40SISO | Ant1 | 2422 | 35.920 | 2404.320 | 2440.240 | >=0.5 | PASS |
| | | 2437 | 35.760 | 2419.160 | 2454.920 | >=0.5 | PASS |
| | | 2452 | 35.680 | 2434.320 | 2470.000 | >=0.5 | PASS |

Test Graphs

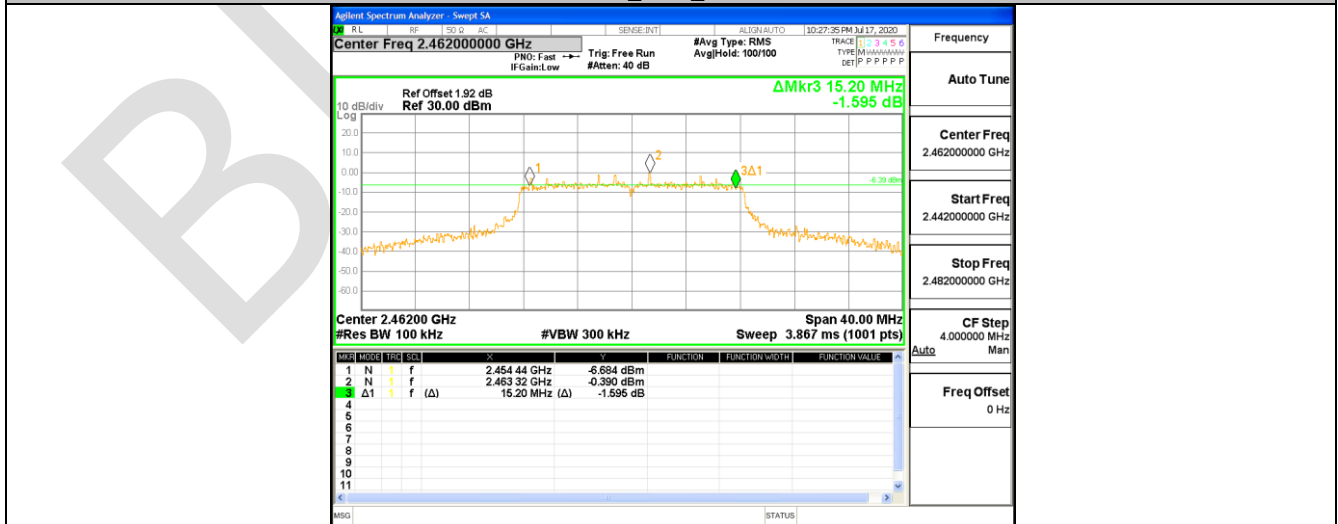




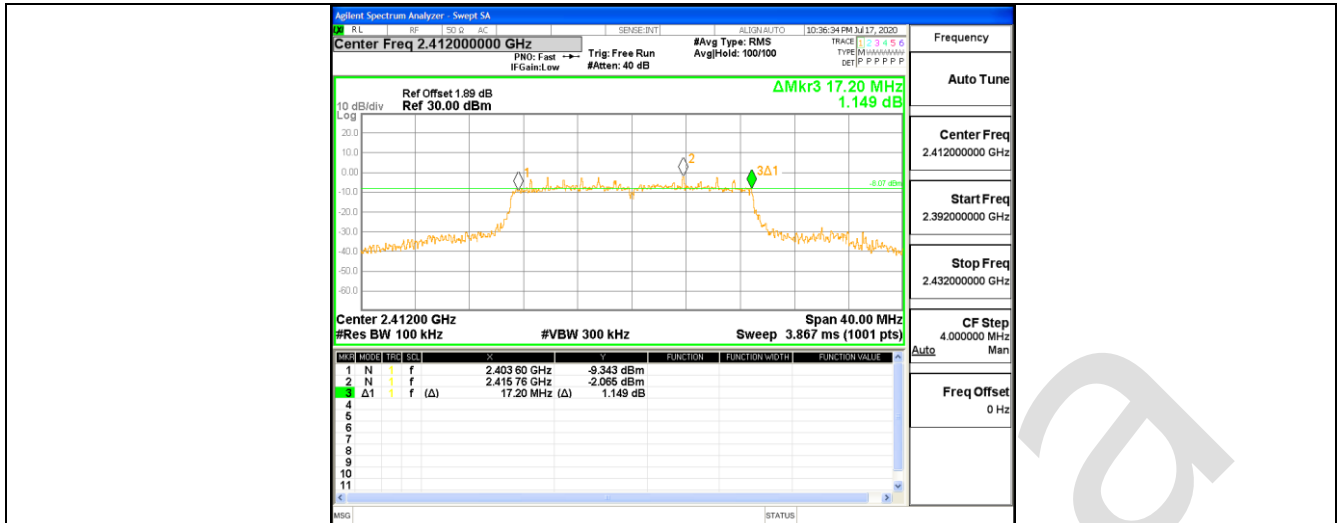
11G_Ant1_2437



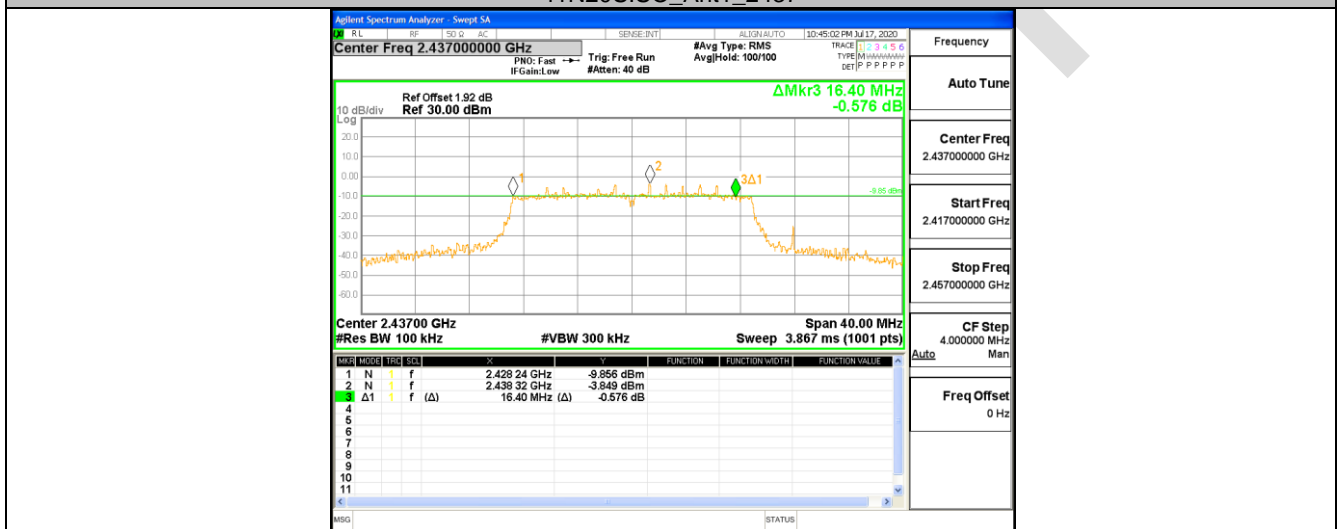
11G_Ant1_2462



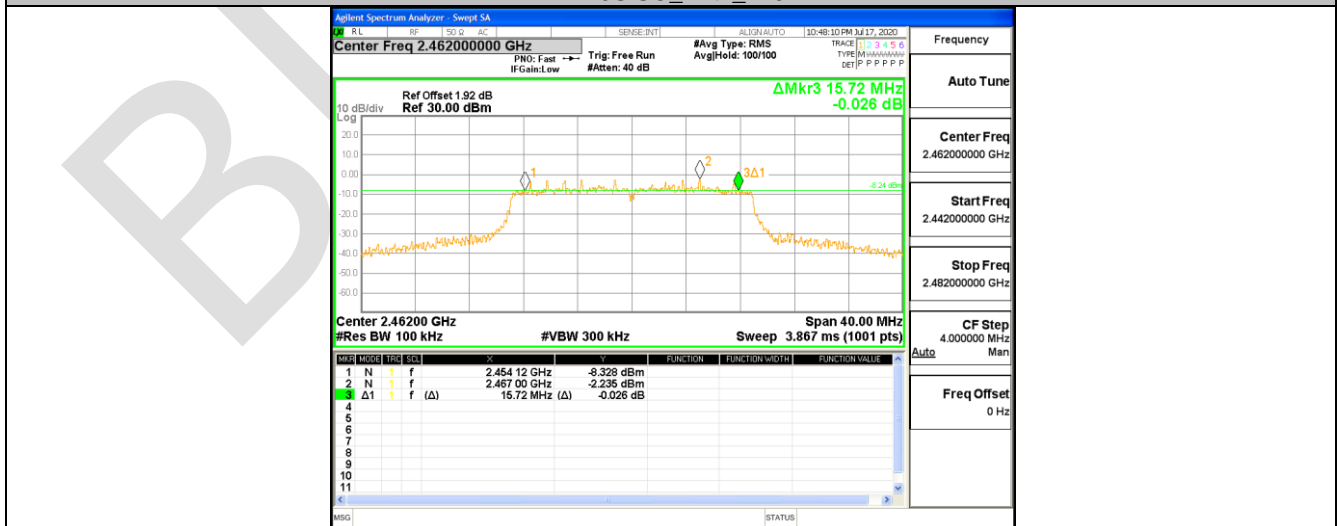
11N20SISO_Ant1_2412



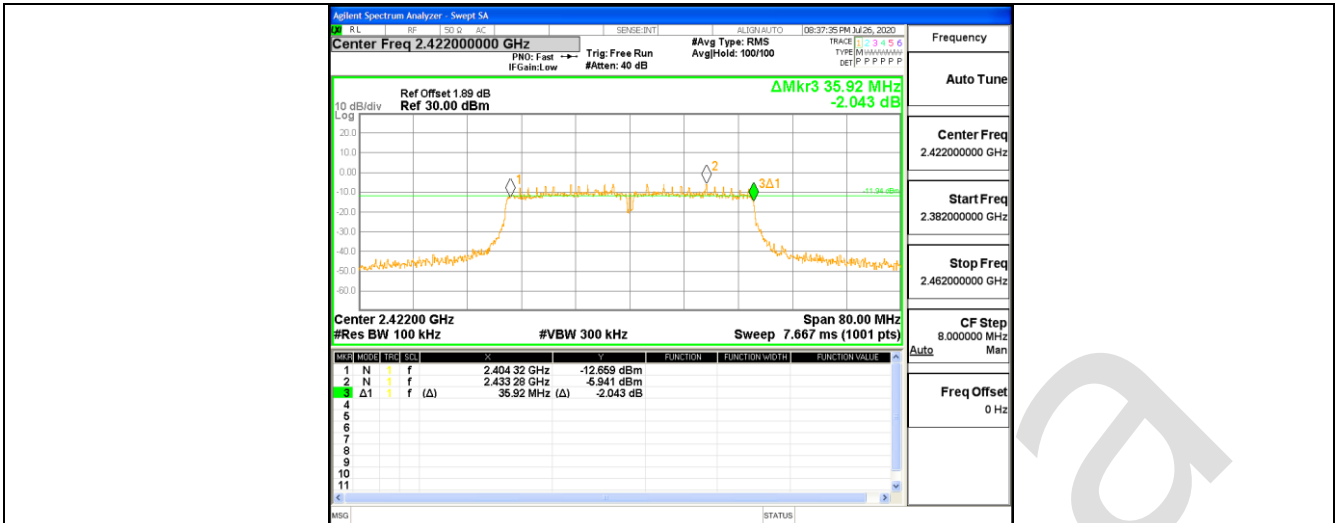
11N20SISO_Ant1_2437



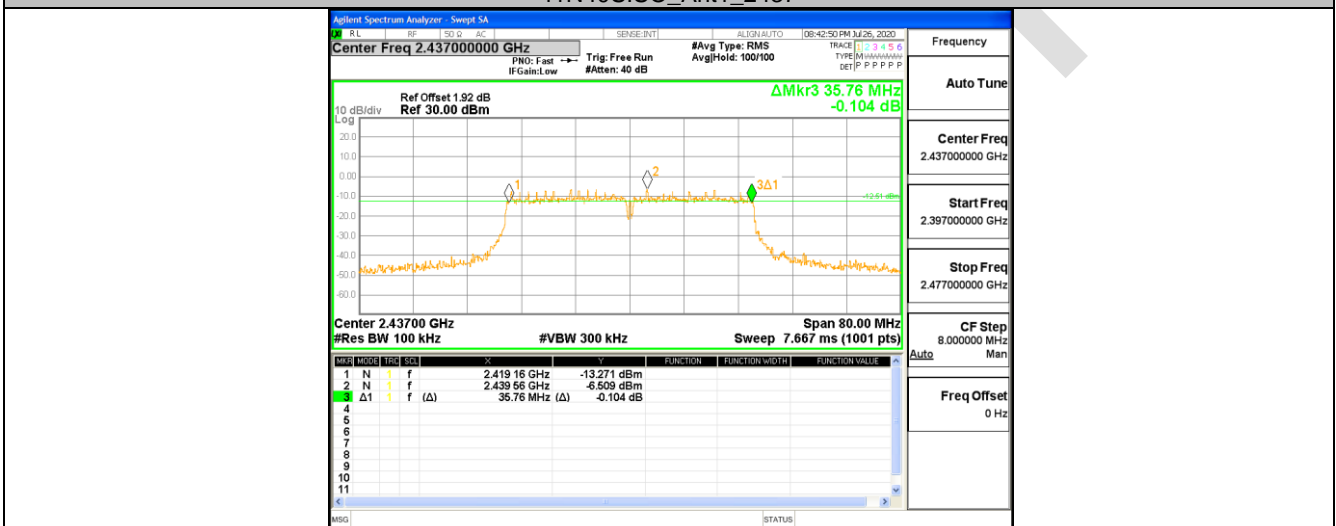
11N20SISO_Ant1_2462



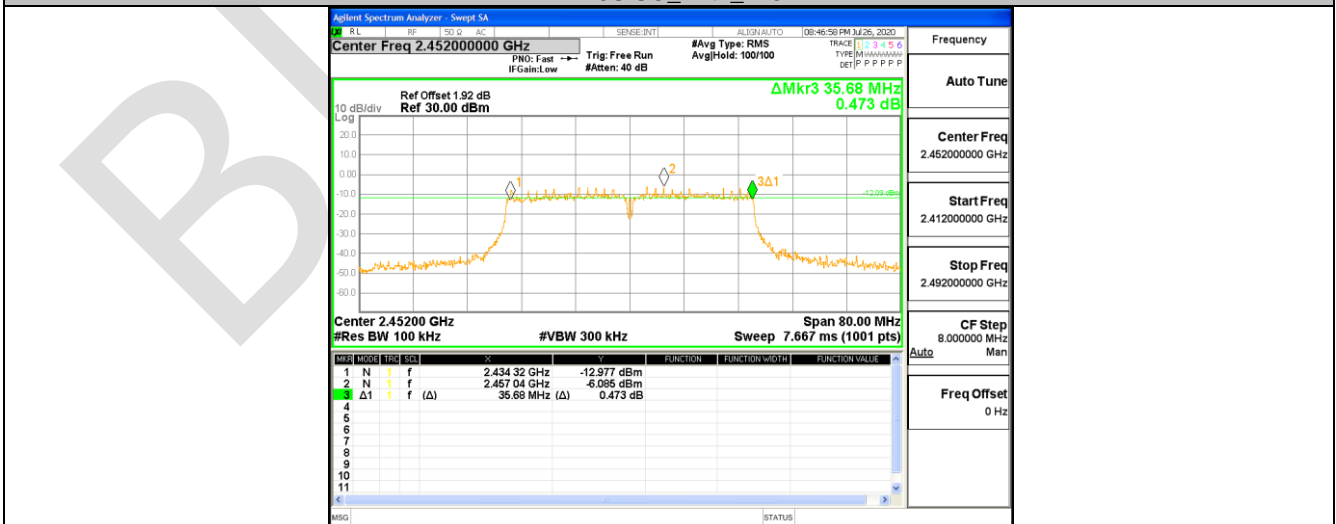
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



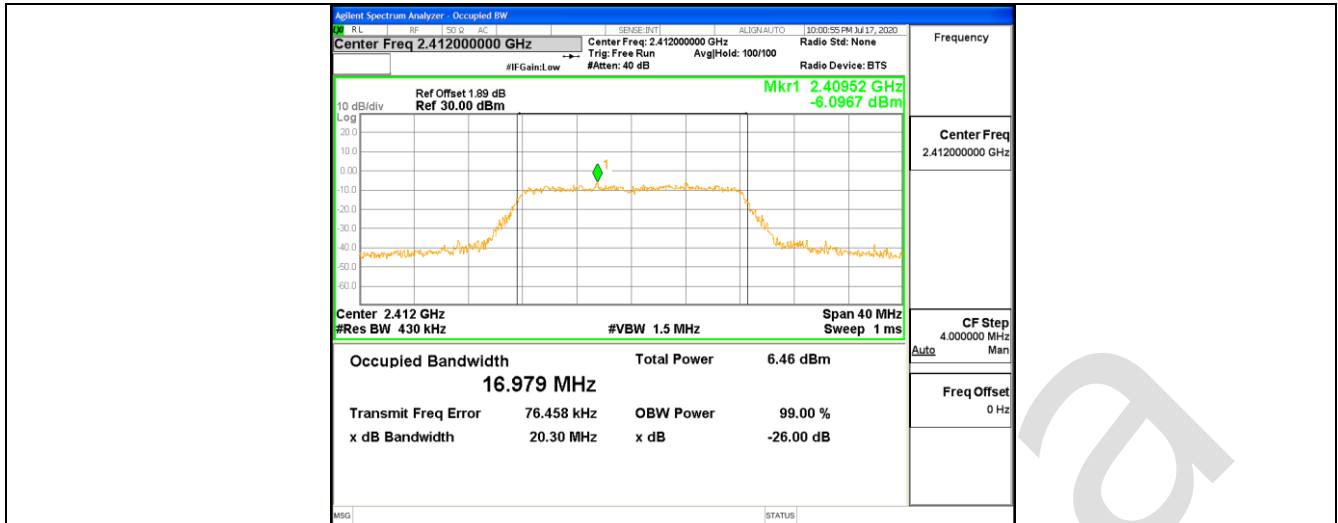
10.2 APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

Test Result

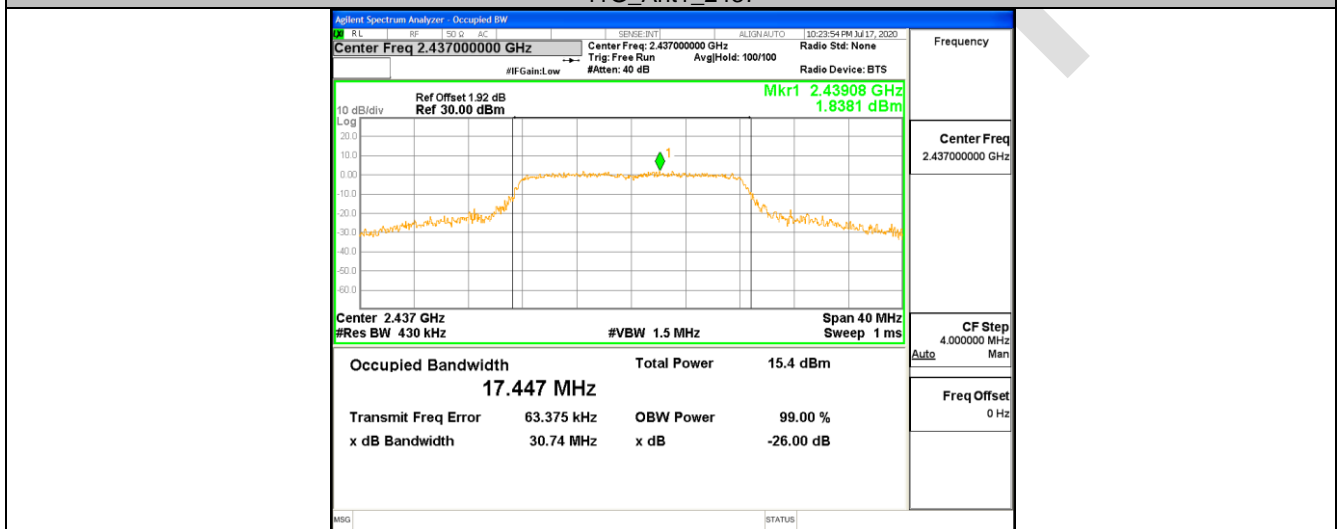
| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| 11B | Ant1 | 2412 | 14.856 | 2404.622 | 2419.478 | --- | PASS |
| | | 2437 | 14.854 | 2429.602 | 2444.456 | --- | PASS |
| | | 2462 | 14.758 | 2454.679 | 2469.437 | --- | PASS |
| 11G | Ant1 | 2412 | 16.979 | 2403.587 | 2420.566 | --- | PASS |
| | | 2437 | 17.447 | 2428.340 | 2445.787 | --- | PASS |
| | | 2462 | 17.227 | 2453.436 | 2470.663 | --- | PASS |
| 11N20SISO | Ant1 | 2412 | 18.079 | 2403.004 | 2421.083 | --- | PASS |
| | | 2437 | 18.103 | 2427.953 | 2446.056 | --- | PASS |
| | | 2462 | 18.136 | 2452.946 | 2471.082 | --- | PASS |
| 11N40SISO | Ant1 | 2422 | 36.587 | 2403.829 | 2440.416 | --- | PASS |
| | | 2437 | 36.401 | 2418.861 | 2455.262 | --- | PASS |
| | | 2452 | 36.515 | 2433.907 | 2470.422 | --- | PASS |

Test Graphs

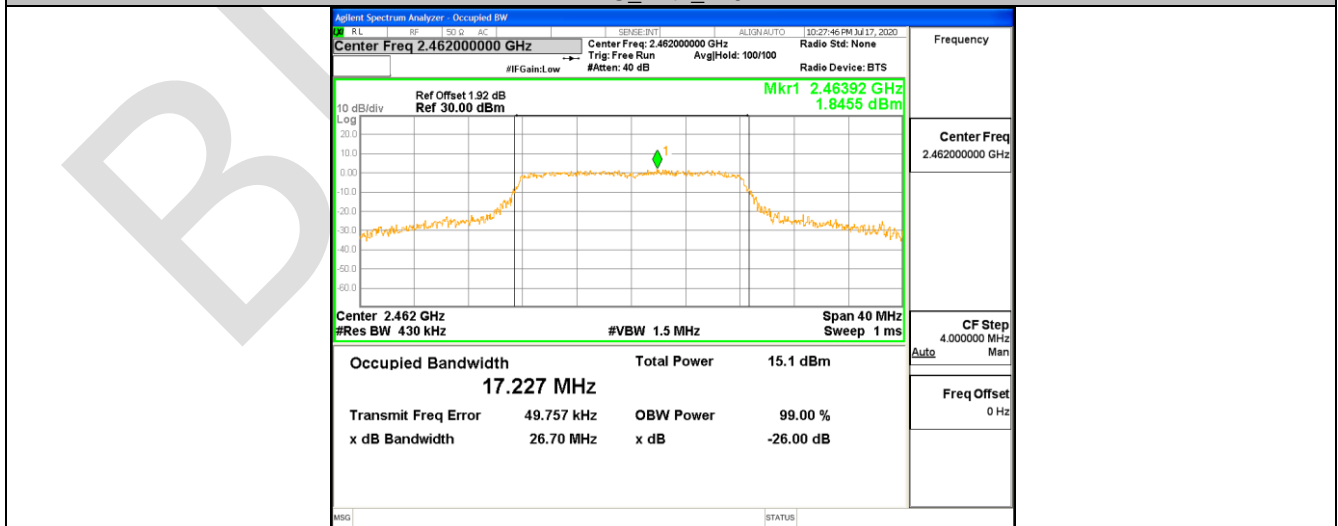




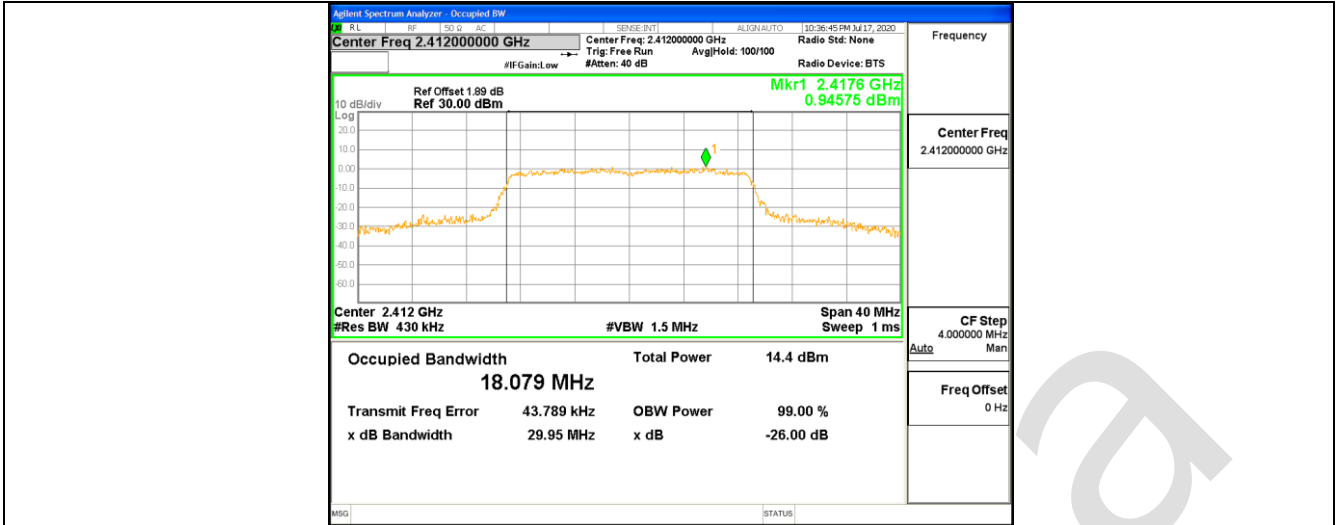
11G_Ant1_2437



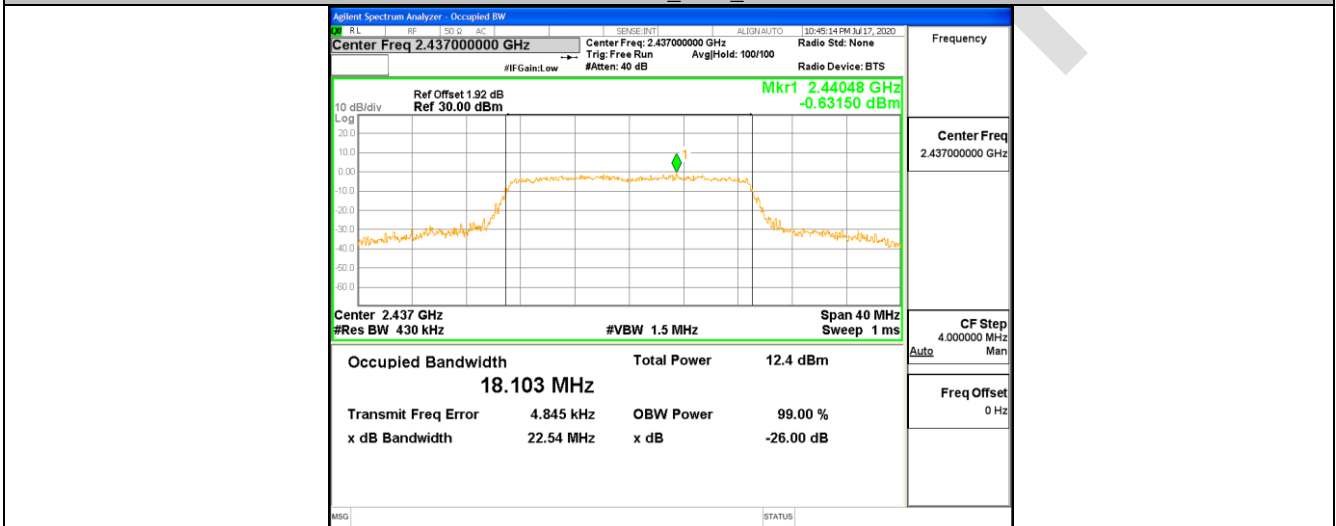
11G_Ant1_2462



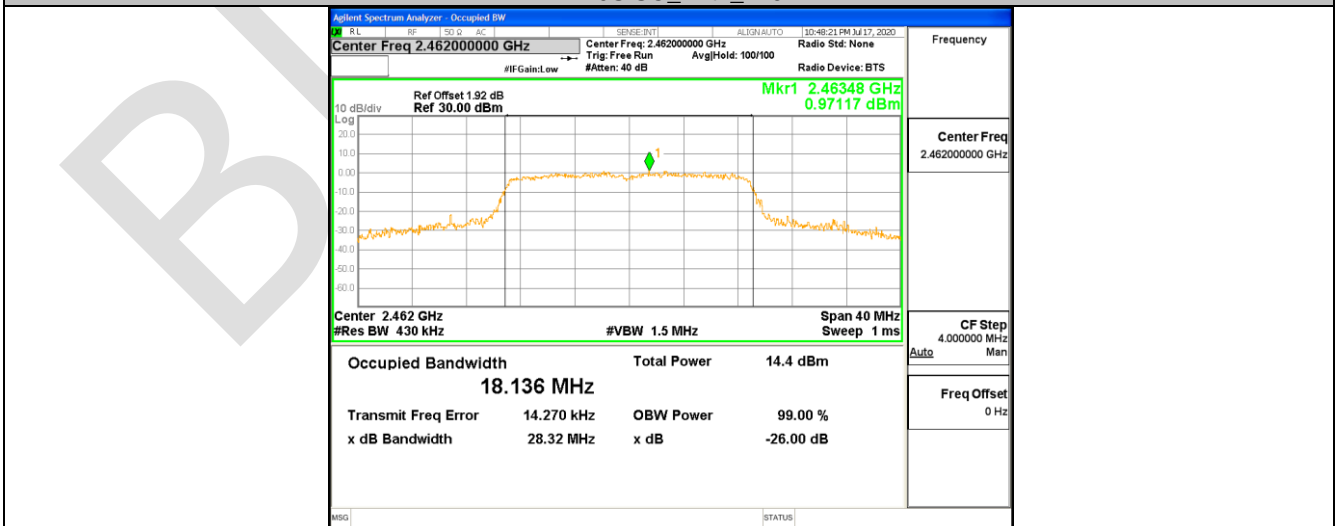
11N20SISO_Ant1_2412



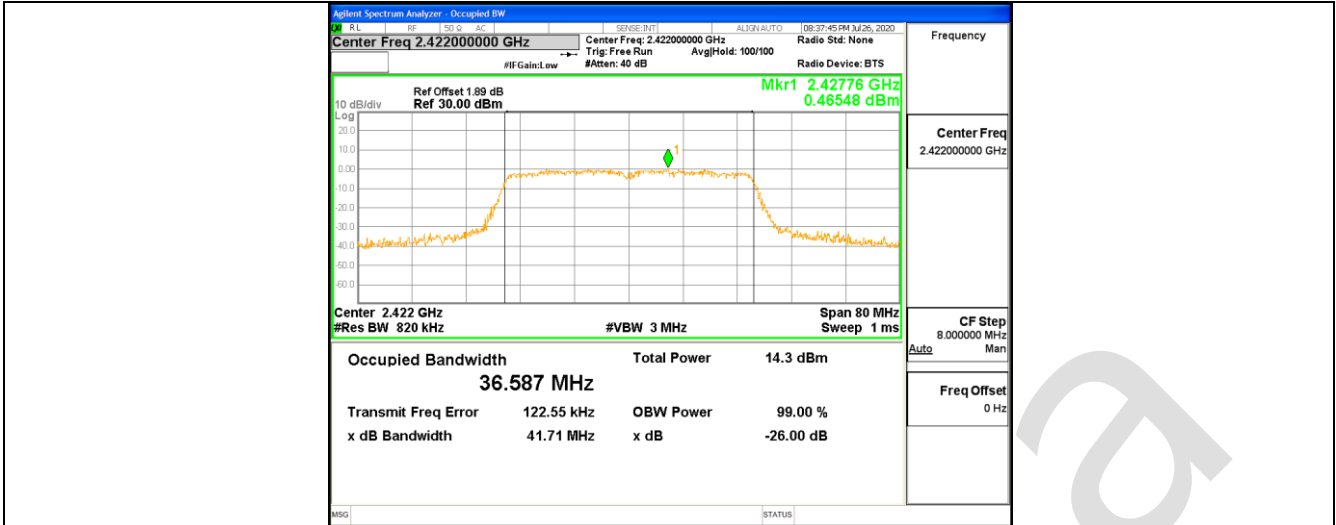
11N20SISO_Ant1_2437



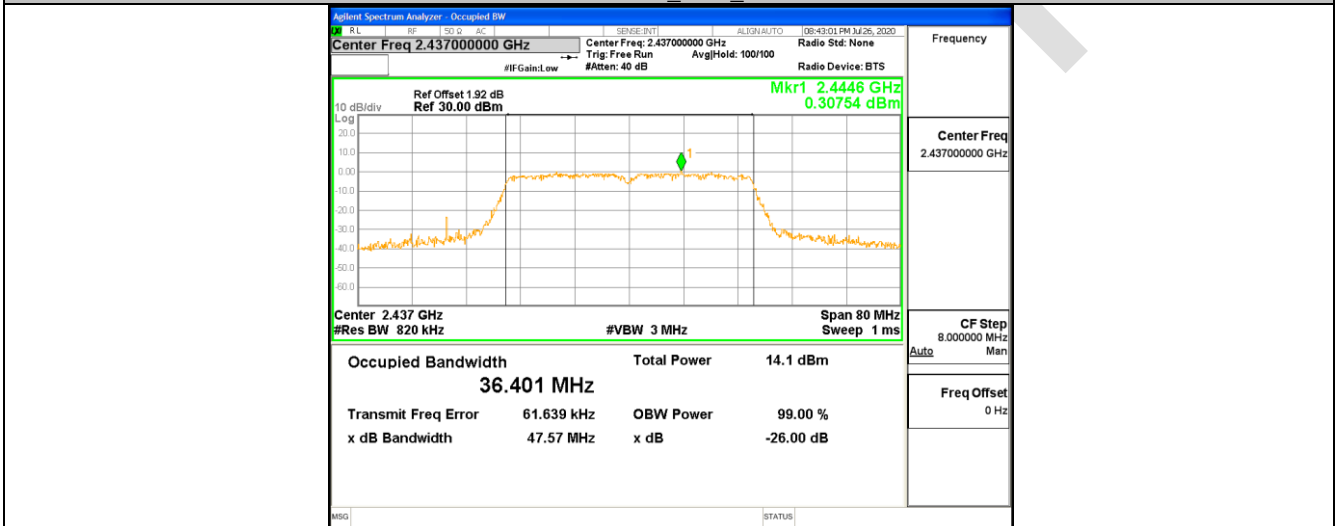
11N20SISO_Ant1_2462



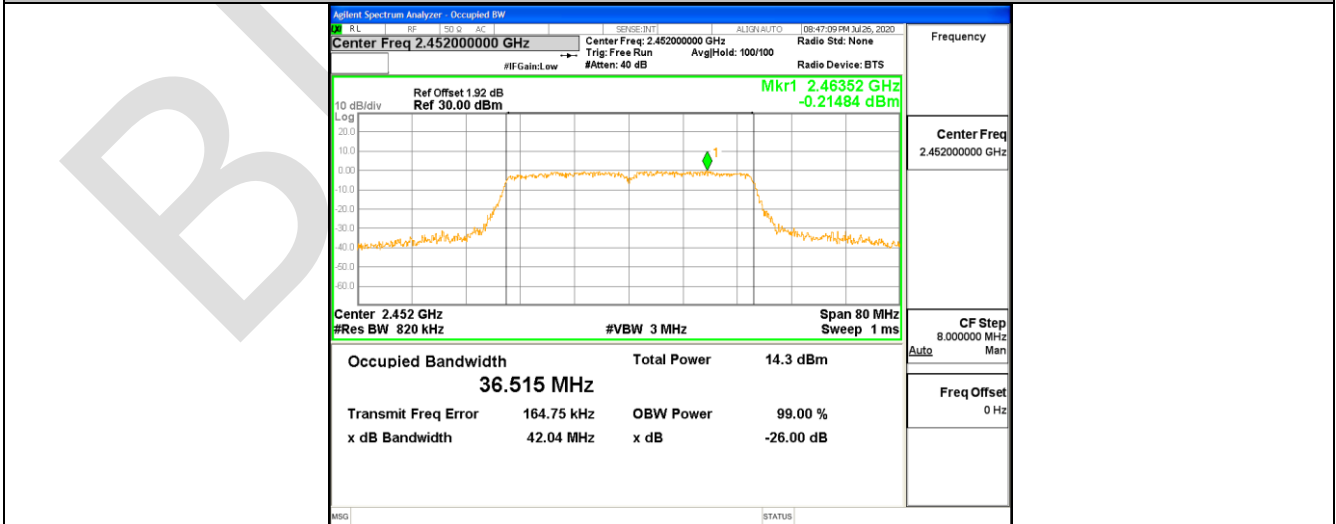
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



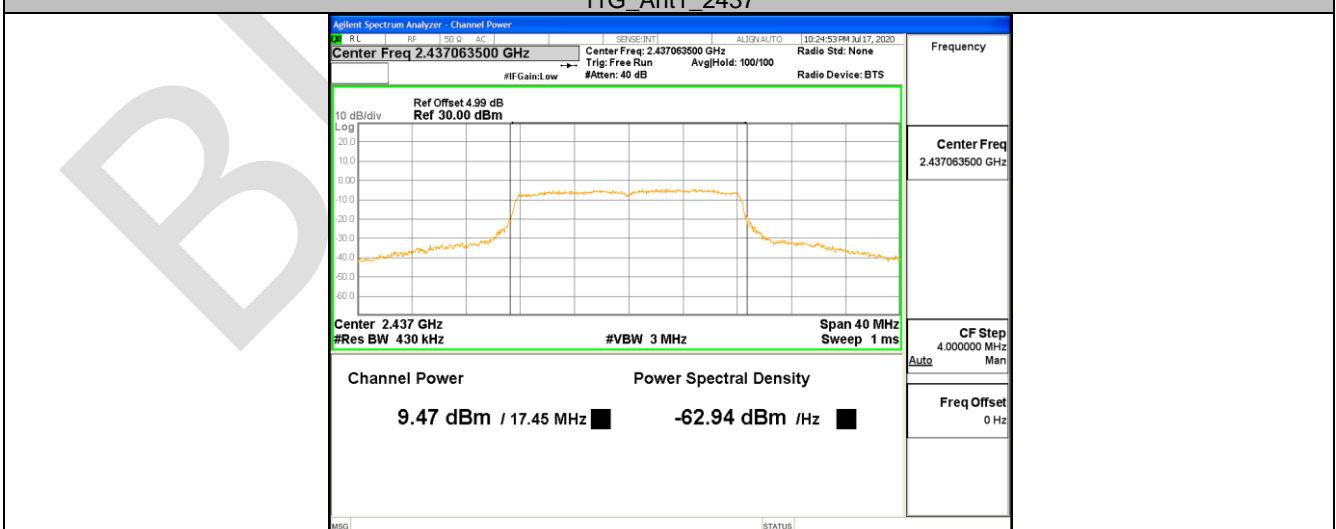
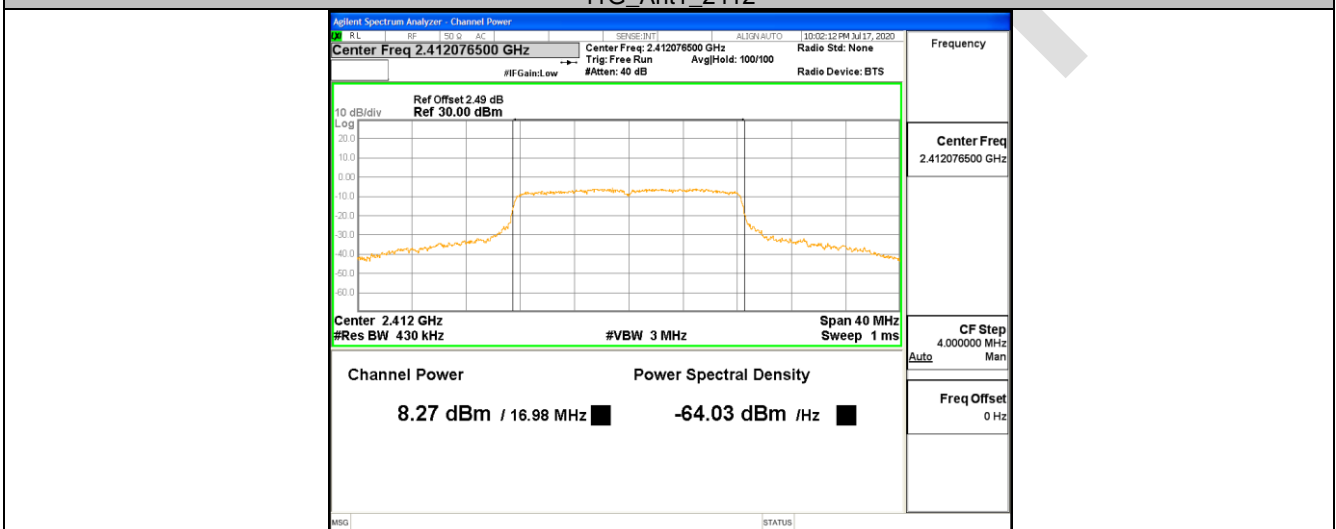
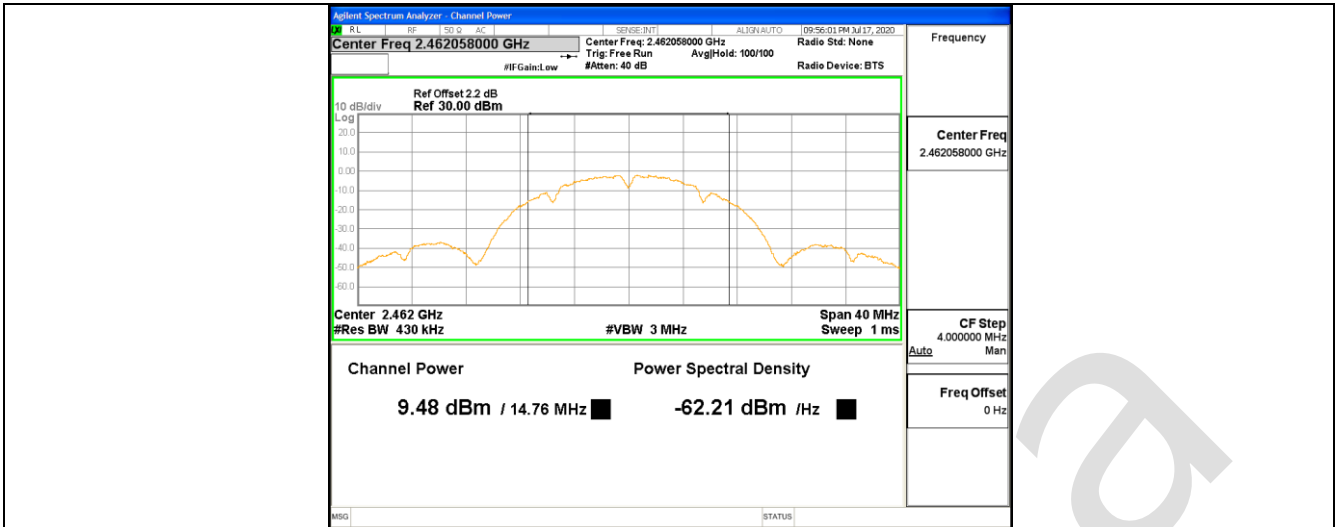
10.3 APPENDIXC: MAXIMUM CONDUCTED OUTPUT POWER

Test Result

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 11B | Ant1 | 2412 | 9.65 | <=30 | PASS |
| | | 2437 | 9.69 | <=30 | PASS |
| | | 2462 | 9.48 | <=30 | PASS |
| 11G | Ant1 | 2412 | 8.27 | <=30 | PASS |
| | | 2437 | 9.47 | <=30 | PASS |
| | | 2462 | 8.53 | <=30 | PASS |
| 11N20SISO | Ant1 | 2412 | 8.47 | <=30 | PASS |
| | | 2437 | 6.40 | <=30 | PASS |
| | | 2462 | 8.46 | <=30 | PASS |
| 11N40SISO | Ant1 | 2422 | 8.20 | <=30 | PASS |
| | | 2437 | 7.74 | <=30 | PASS |
| | | 2452 | 7.80 | <=30 | PASS |

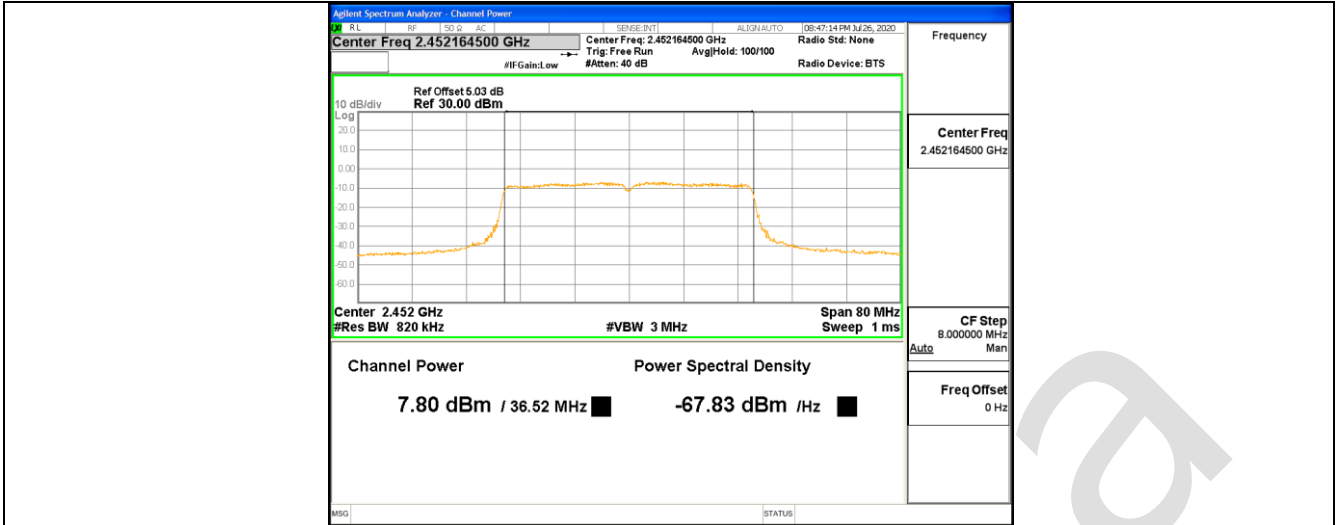
Test Graphs











10.4 APPENDIXD: MAXIMUM POWER SPECTRAL DENSITY

Test Result

| TestMode | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B | Ant1 | 2412 | -17.31 | <=8 | PASS |
| | | 2437 | -17.17 | <=8 | PASS |
| | | 2462 | -17.32 | <=8 | PASS |
| 11G | Ant1 | 2412 | -16.27 | <=8 | PASS |
| | | 2437 | -13.39 | <=8 | PASS |
| | | 2462 | -14.34 | <=8 | PASS |
| 11N20SISO | Ant1 | 2412 | -14.8 | <=8 | PASS |
| | | 2437 | -16.89 | <=8 | PASS |
| | | 2462 | -14.75 | <=8 | PASS |
| 11N40SISO | Ant1 | 2422 | -15.14 | <=8 | PASS |
| | | 2437 | -15.24 | <=8 | PASS |
| | | 2452 | -14.66 | <=8 | PASS |

Test Graphs

