

Appendix: 5G Wi-Fi Band1,4

Contents

Appendix A1: Emission Bandwidth3

 Test Result 3

 Test Graphs 4

Appendix A2: Occupied channel bandwidth12

 Test Result12

 Test Graphs 13

Appendix A3: Min emission bandwidth 21

 Test Result B4 21

 Test Graphs B4 22

Appendix B: Duty Cycle26

 Test Result 26

 Test Graphs 27

Appendix C: Maximum conducted output power35

 Test Result Channel Power35

 Test Graphs Channel Power36

Appendix D: Maximum power spectral density 44

 Test Result 44

 Test Graphs 45

Appendix E: Frequency Stability 53

 Test Result 53

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.440	5170.160	5189.600	---	---
11A	Ant1	5220	19.760	5210.160	5229.920	---	---
11A	Ant1	5240	19.480	5230.360	5249.840	---	---
11A	Ant1	5745	19.520	5735.160	5754.680	---	---
11A	Ant1	5785	19.720	5775.240	5794.960	---	---
11A	Ant1	5825	19.520	5815.360	5834.880	---	---
11N20SISO	Ant1	5180	20.440	5169.680	5190.120	---	---
11N20SISO	Ant1	5220	20.200	5209.960	5230.160	---	---
11N20SISO	Ant1	5240	20.440	5229.720	5250.160	---	---
11N20SISO	Ant1	5745	20.400	5735.040	5755.440	---	---
11N20SISO	Ant1	5785	20.720	5774.800	5795.520	---	---
11N20SISO	Ant1	5825	20.440	5814.920	5835.360	---	---
11N40SISO	Ant1	5190	38.080	5170.960	5209.040	---	---
11N40SISO	Ant1	5230	38.160	5210.880	5249.040	---	---
11N40SISO	Ant1	5755	38.080	5735.960	5774.040	---	---
11N40SISO	Ant1	5795	38.240	5775.880	5814.120	---	---

Test Graphs



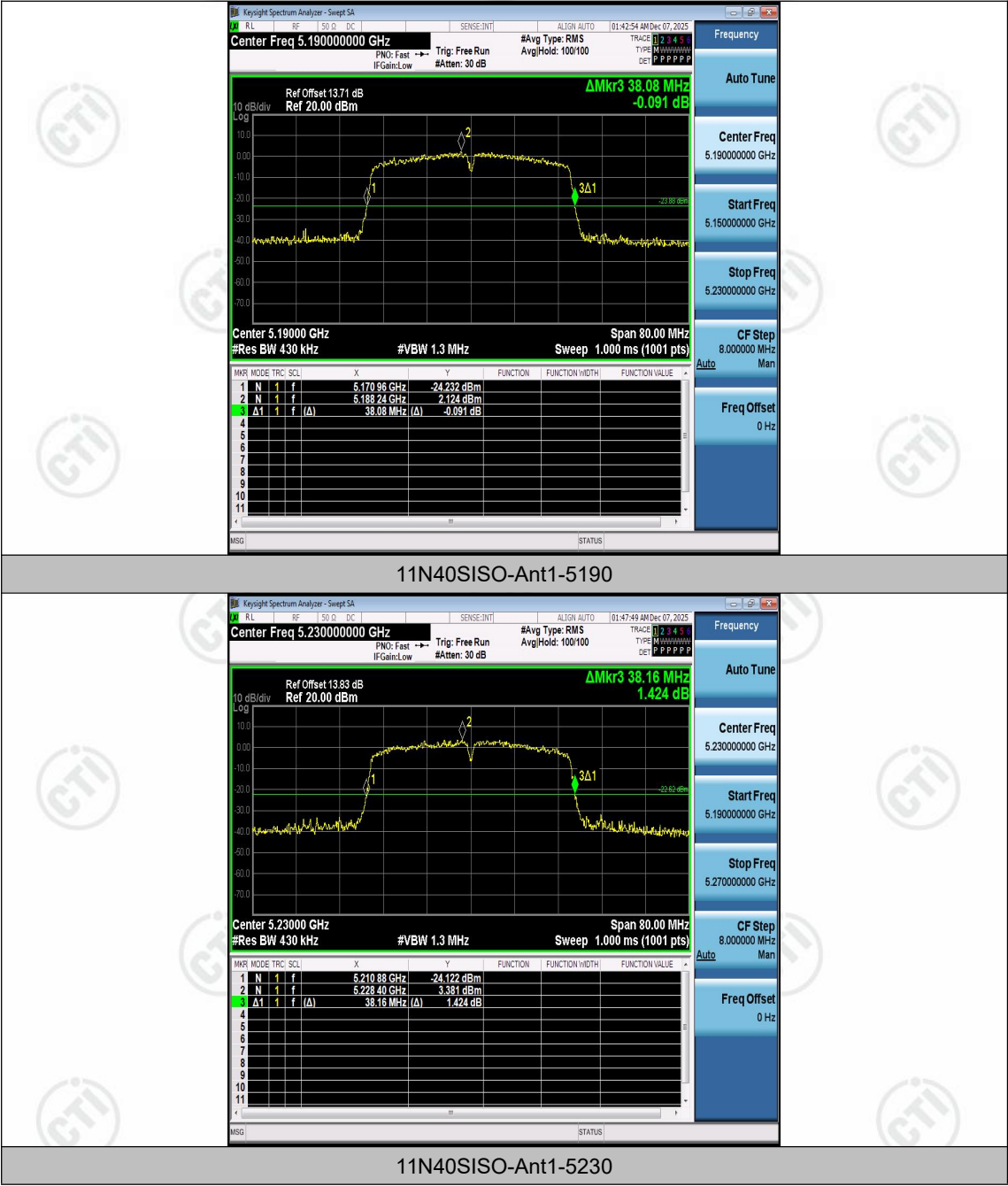


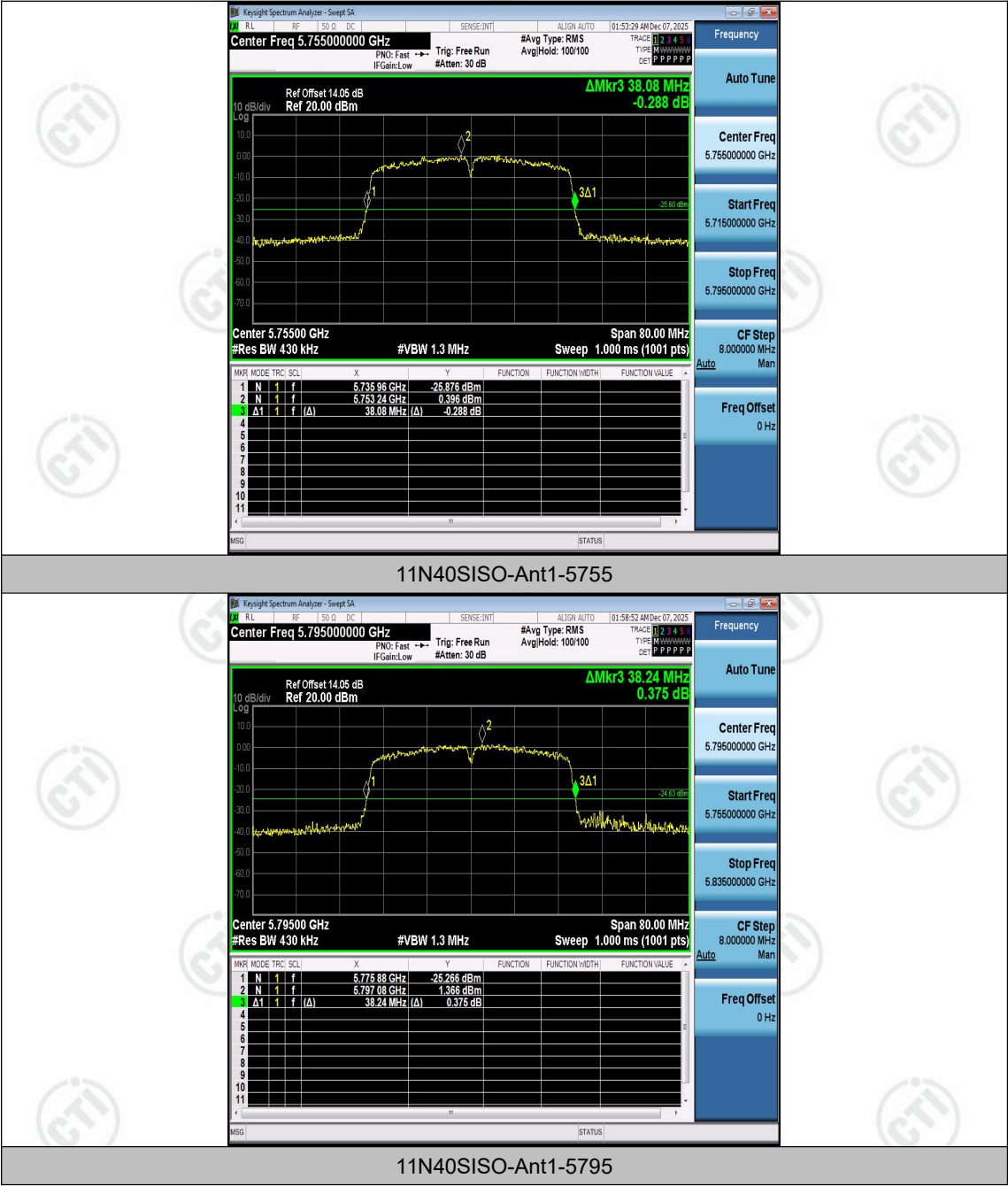












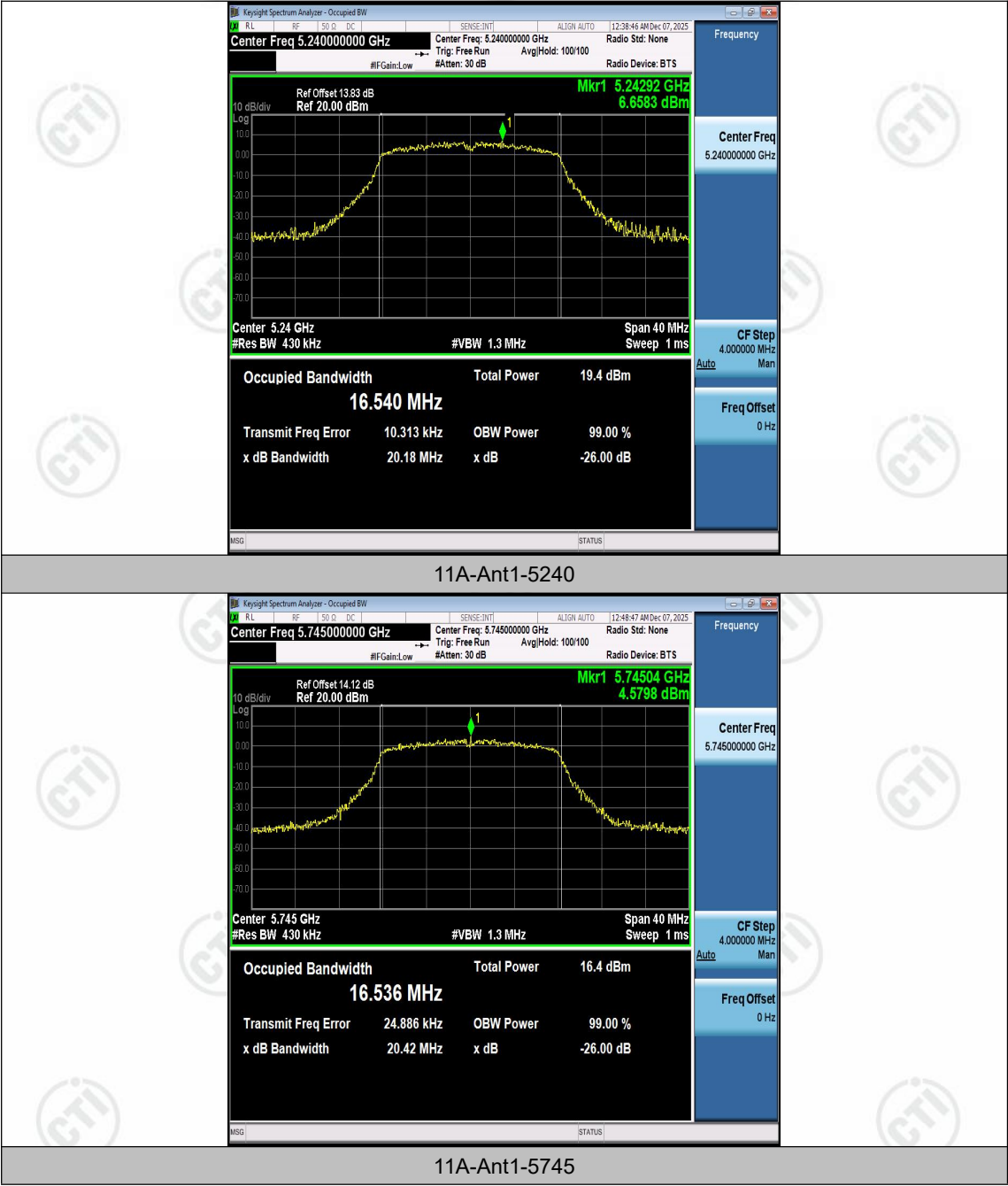
Appendix A2: Occupied channel bandwidth

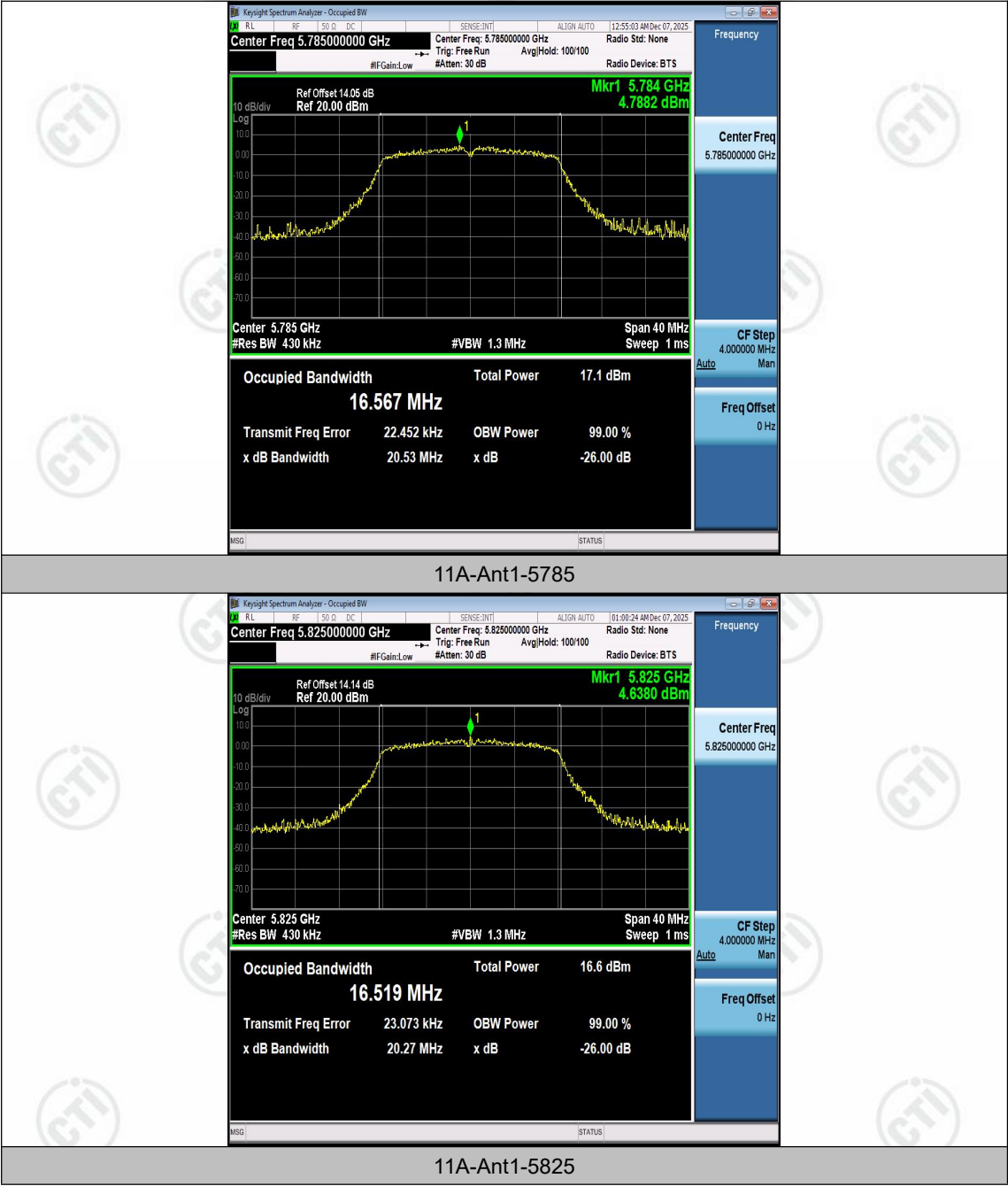
Test Result

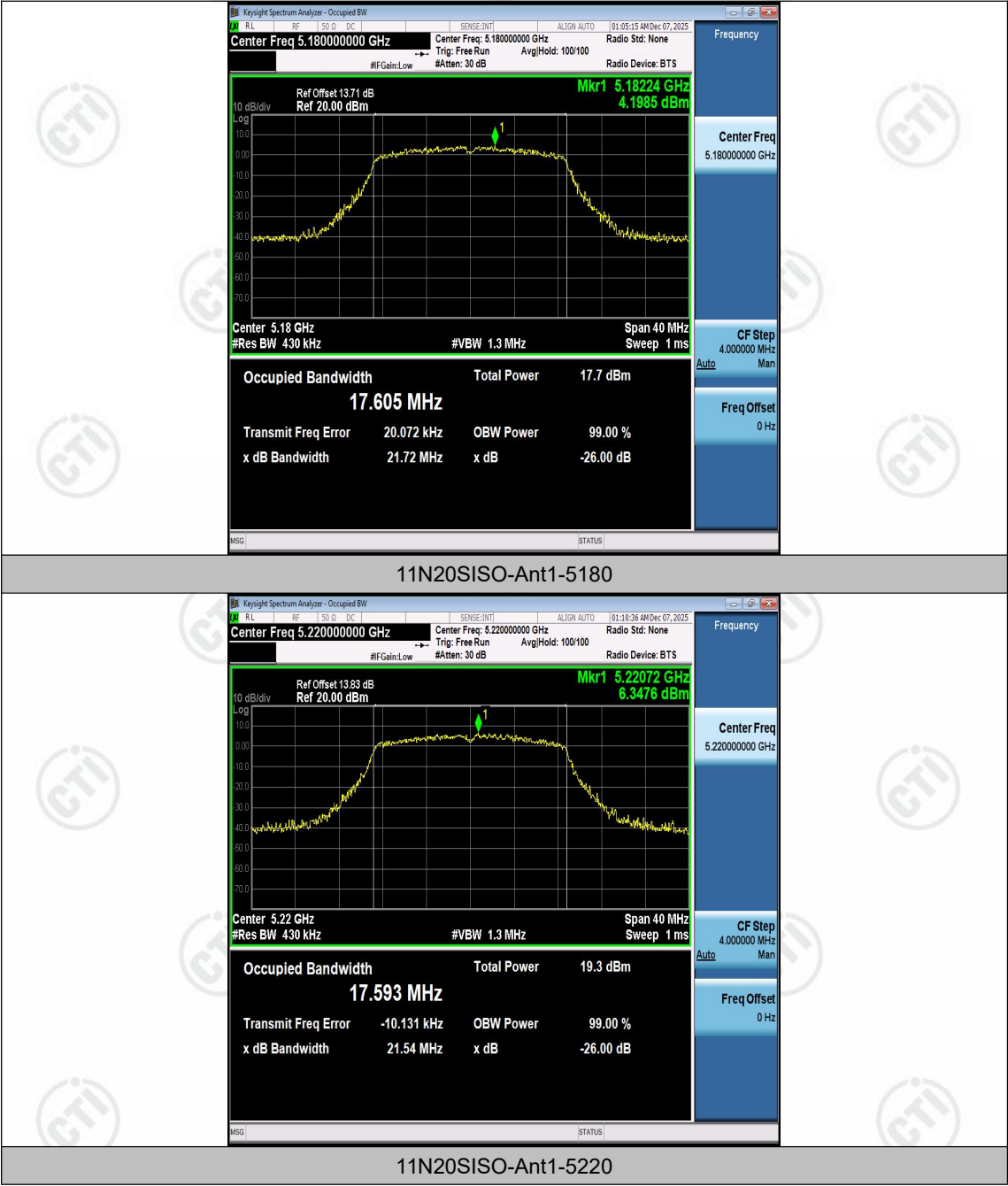
TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.565	5171.7376	5188.3026	---	---
11A	Ant1	5220	16.540	5211.7388	5228.2788	---	---
11A	Ant1	5240	16.540	5231.7403	5248.2803	---	---
11A	Ant1	5745	16.536	5736.7569	5753.2929	---	---
11A	Ant1	5785	16.567	5776.7390	5793.3060	---	---
11A	Ant1	5825	16.519	5816.7636	5833.2826	---	---
11N20SISO	Ant1	5180	17.605	5171.2176	5188.8226	---	---
11N20SISO	Ant1	5220	17.593	5211.1934	5228.7864	---	---
11N20SISO	Ant1	5240	17.637	5231.1825	5248.8195	---	---
11N20SISO	Ant1	5745	17.613	5736.1667	5753.7797	---	---
11N20SISO	Ant1	5785	17.623	5776.2078	5793.8308	---	---
11N20SISO	Ant1	5825	17.601	5816.2312	5833.8322	---	---
11N40SISO	Ant1	5190	35.464	5172.2494	5207.7134	---	---
11N40SISO	Ant1	5230	35.478	5212.2382	5247.7162	---	---
11N40SISO	Ant1	5755	35.464	5737.3184	5772.7824	---	---
11N40SISO	Ant1	5795	35.460	5777.3225	5812.7825	---	---

Test Graphs



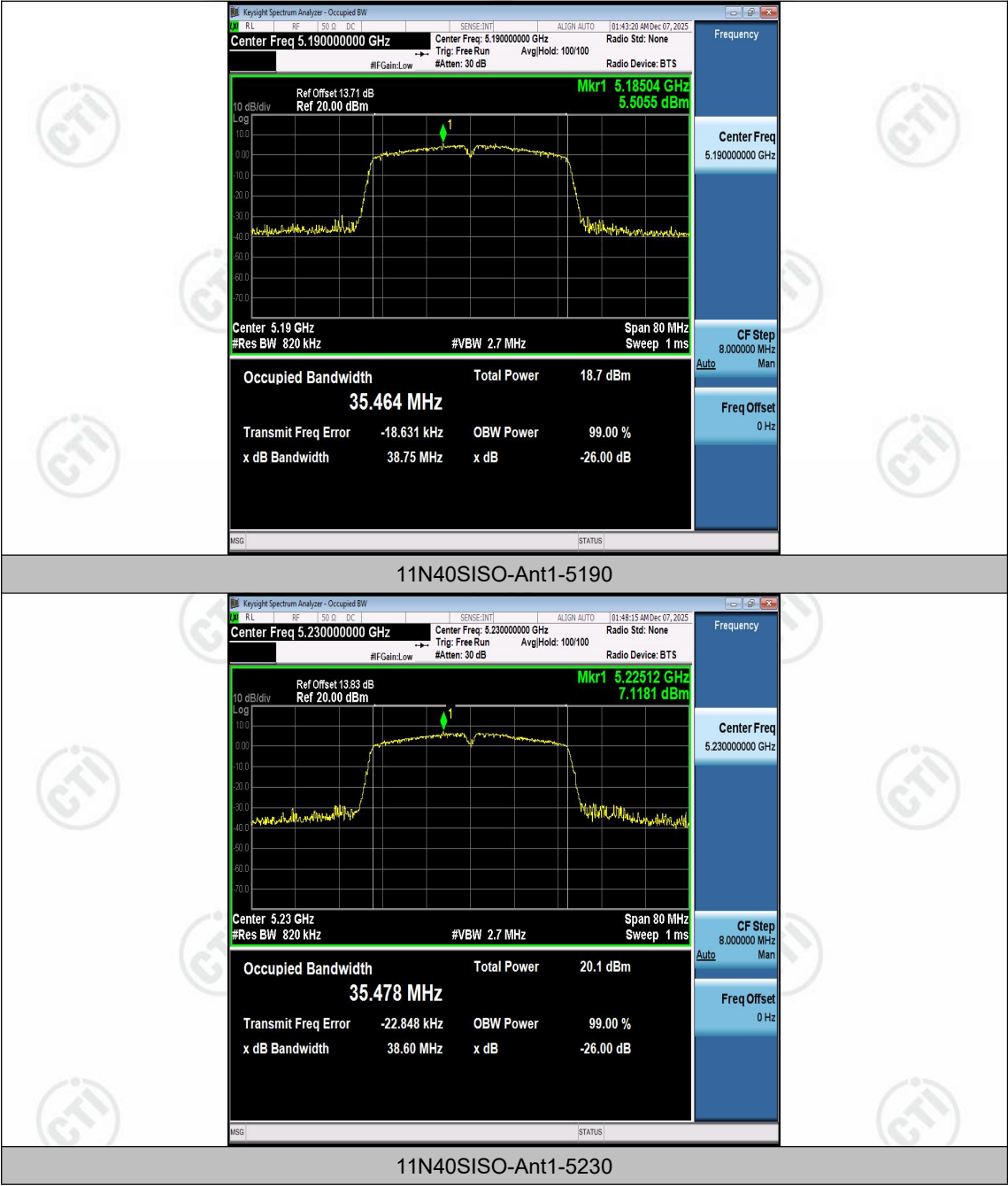


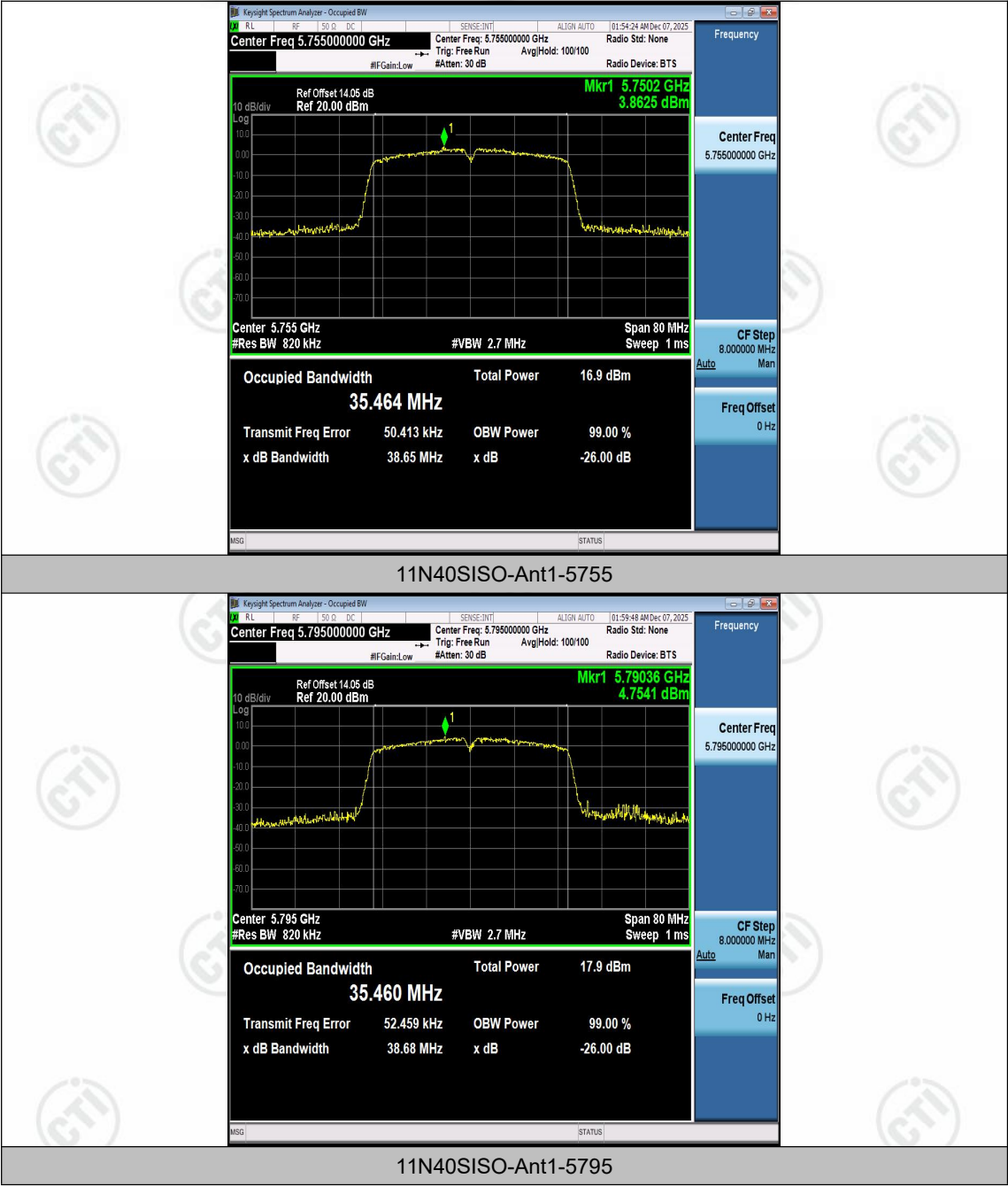












Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency [MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	10.520	5739.760	5750.280	0.5	PASS
11A	Ant1	5785	13.160	5778.720	5791.880	0.5	PASS
11A	Ant1	5825	14.400	5818.120	5832.520	0.5	PASS
11N20SISO	Ant1	5745	15.000	5737.440	5752.440	0.5	PASS
11N20SISO	Ant1	5785	15.600	5777.120	5792.720	0.5	PASS
11N20SISO	Ant1	5825	15.000	5817.480	5832.480	0.5	PASS
11N40SISO	Ant1	5755	31.280	5737.480	5768.760	0.5	PASS
11N40SISO	Ant1	5795	33.840	5778.680	5812.520	0.5	PASS

Test Graphs B4





