

Appendix: 5G WIFI

Contents

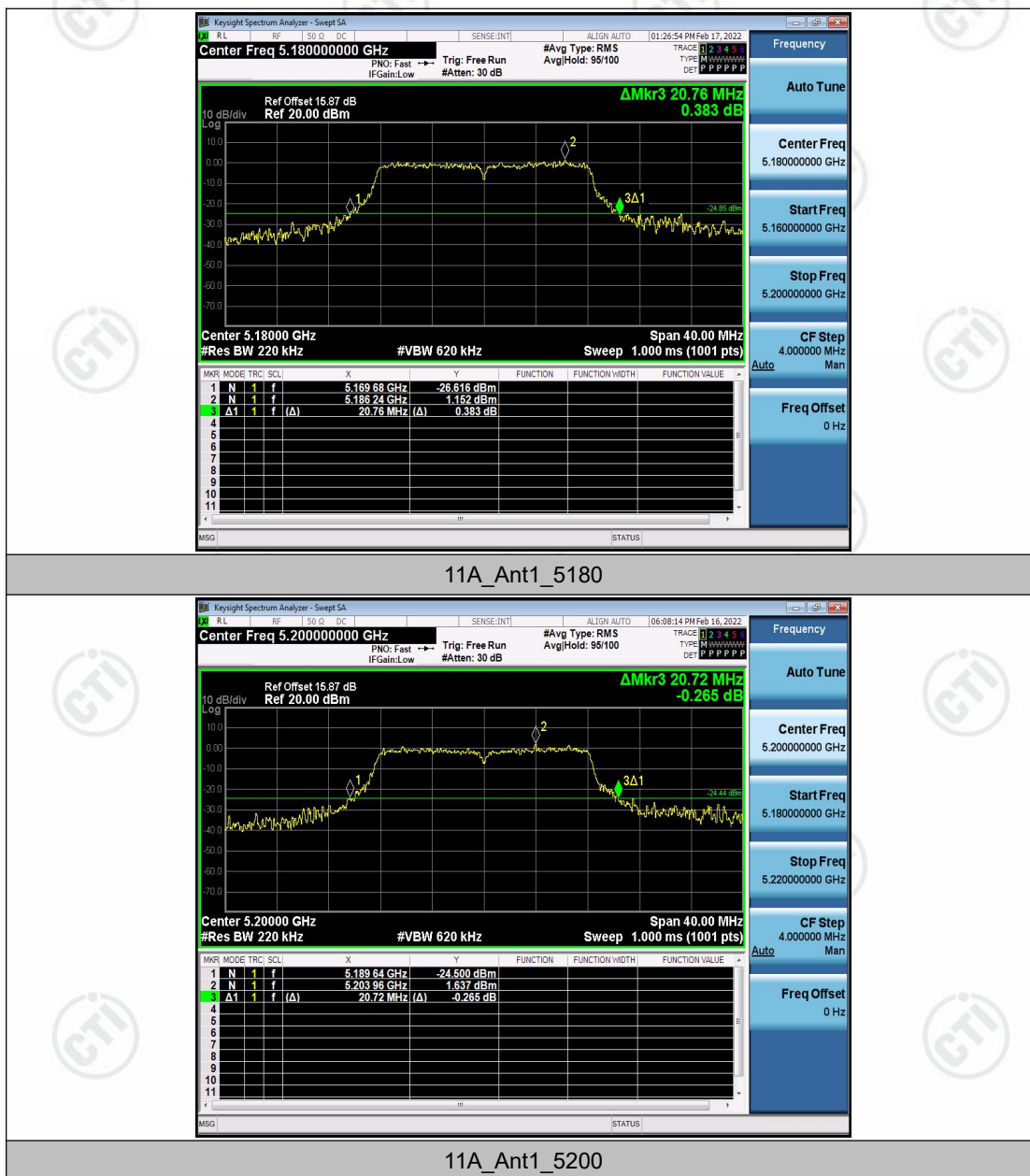
Appendix A1: Emission Bandwidth.....	3
Test Result.....	3
Test Graphs.....	4
Appendix A2: Occupied channel bandwidth.....	18
Test Result.....	18
Test Graphs.....	19
Appendix A3: Min emission bandwidth.....	33
Test Result.....	33
Test Graphs.....	34
Appendix B: Maximum conducted output power.....	41
Test Result.....	41
Appendix C: Maximum power spectral density.....	42
Test Result.....	42
Test Graphs.....	43
Appendix D: Band edge measurements.....	57
Test Result.....	57
Test Graphs.....	59
Appendix F: Conducted Spurious Emission.....	89
Test Result.....	89
Test Graphs.....	91
Appendix G: Frequency Stability.....	119
Test Result.....	119
Appendix H: Duty Cycle.....	128
Test Result.....	128
Test Graphs.....	129

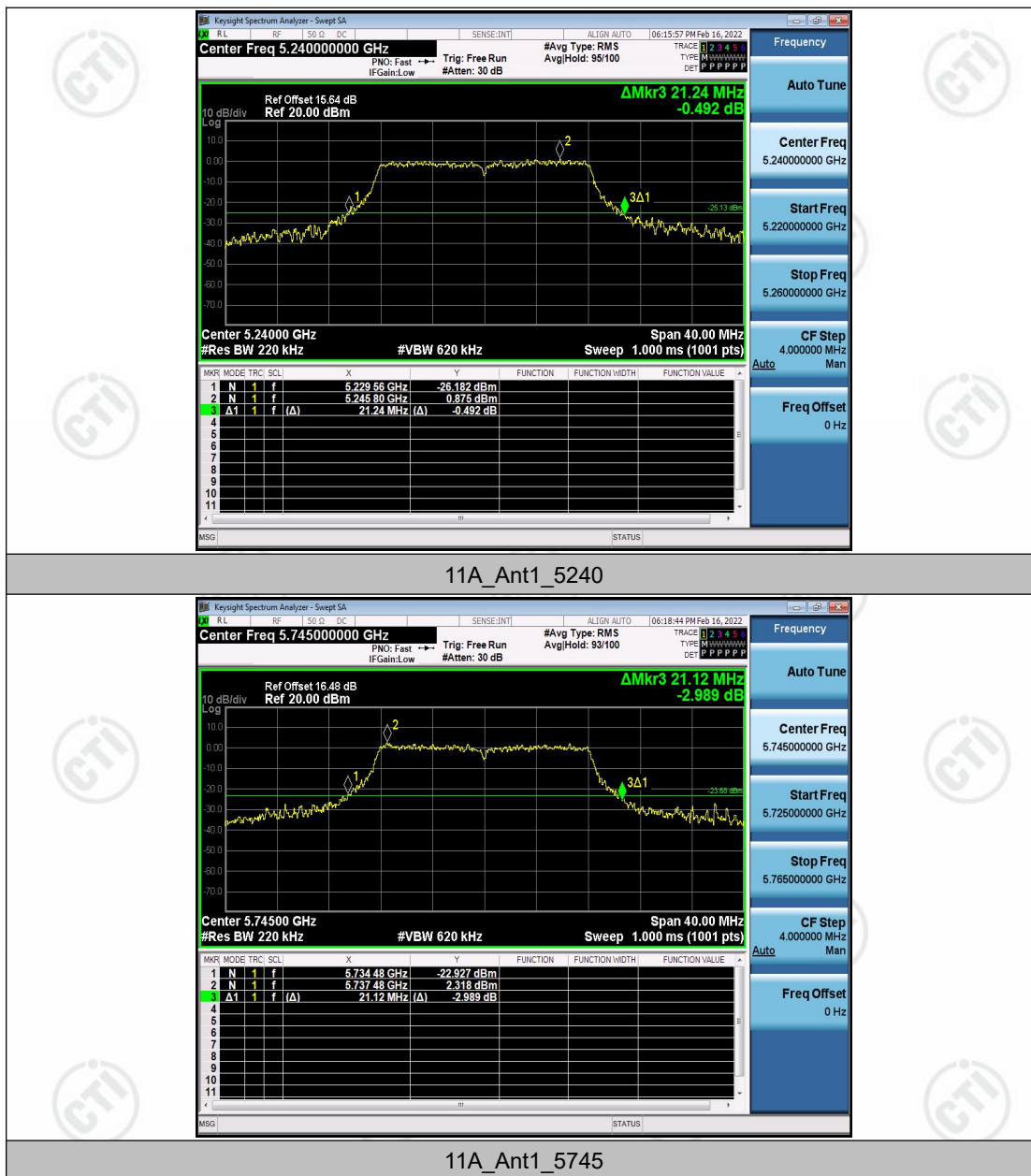
Appendix A1: Emission Bandwidth

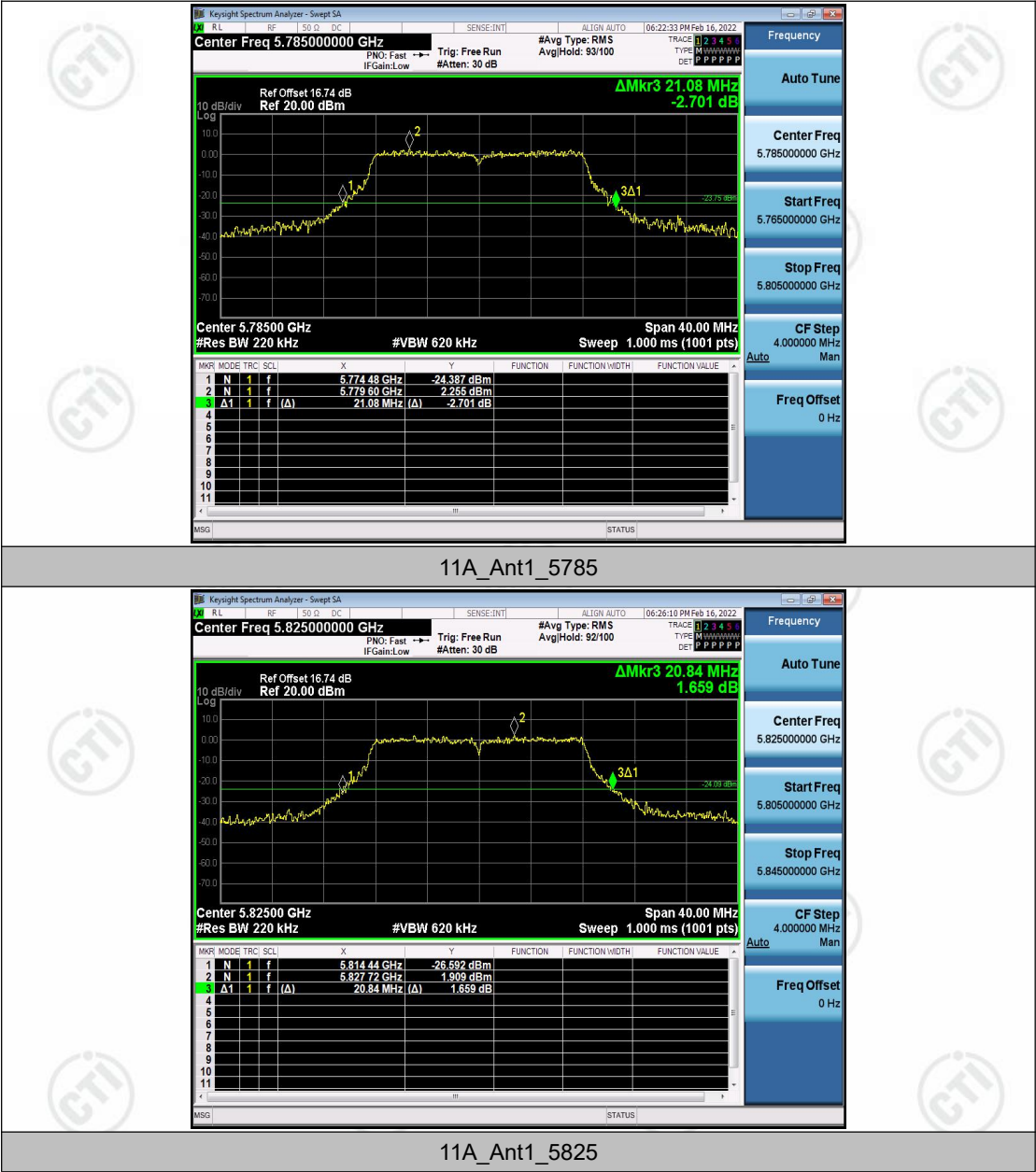
Test Result

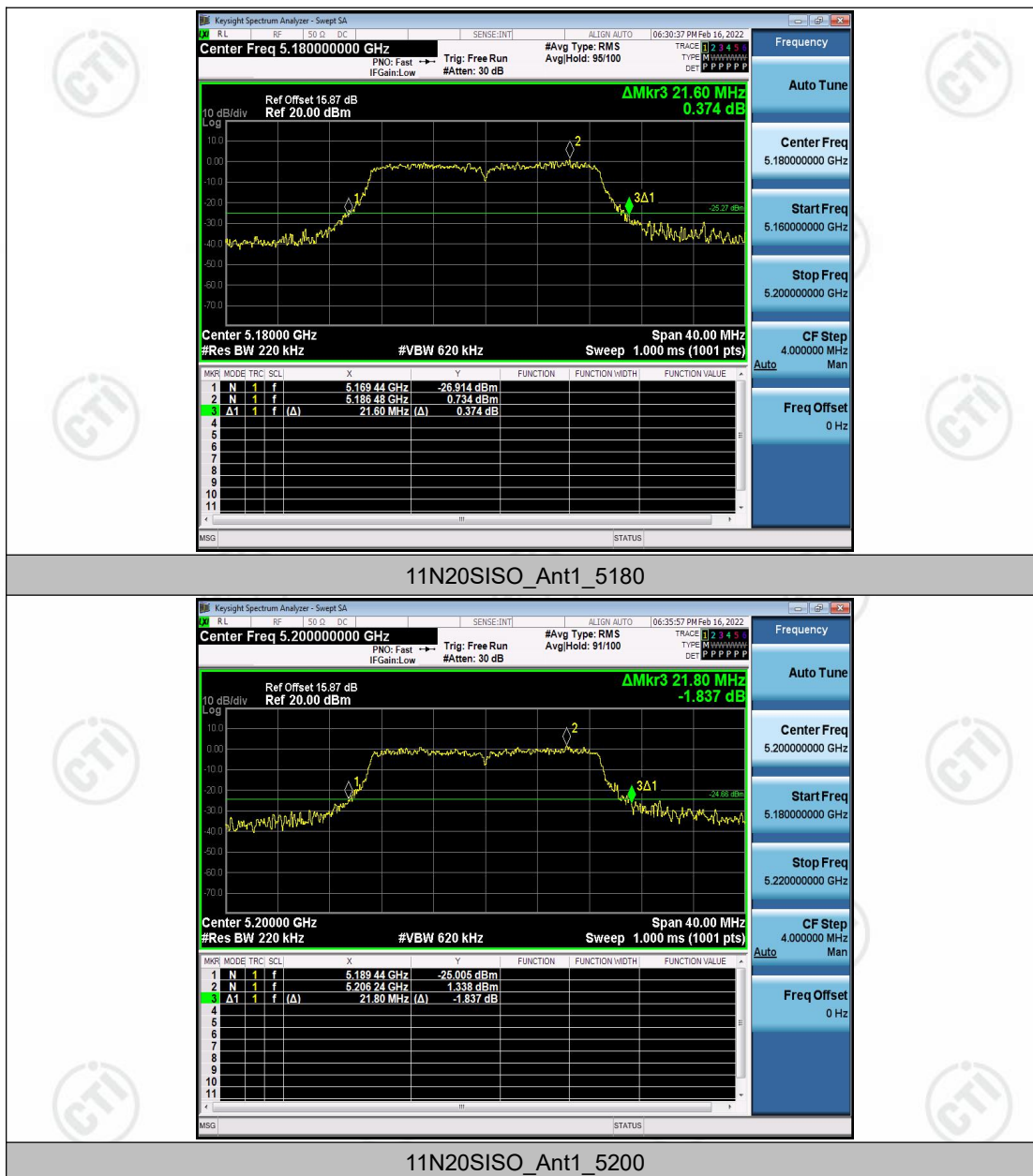
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.760	5169.680	5190.440	---	PASS
		5200	20.720	5189.640	5210.360	---	PASS
		5240	21.240	5229.560	5250.800	---	PASS
		5745	21.120	5734.480	5755.600	---	PASS
		5785	21.080	5774.480	5795.560	---	PASS
		5825	20.840	5814.440	5835.280	---	PASS
11N20SI SO	Ant1	5180	21.600	5169.440	5191.040	---	PASS
		5200	21.800	5189.440	5211.240	---	PASS
		5240	23.160	5229.440	5252.600	---	PASS
		5745	21.320	5734.320	5755.640	---	PASS
		5785	21.280	5774.320	5795.600	---	PASS
		5825	21.480	5814.240	5835.720	---	PASS
11N40SI SO	Ant1	5190	42.560	5168.800	5211.360	---	PASS
		5230	41.760	5209.200	5250.960	---	PASS
		5755	42.320	5733.560	5775.880	---	PASS
		5795	41.840	5773.800	5815.640	---	PASS
11AC20S ISO	Ant1	5180	21.440	5169.440	5190.880	---	PASS
		5200	21.320	5189.600	5210.920	---	PASS
		5240	21.080	5229.560	5250.640	---	PASS
		5745	21.560	5734.200	5755.760	---	PASS
		5785	21.560	5774.200	5795.760	---	PASS
		5825	21.200	5814.320	5835.520	---	PASS
11AC40S ISO	Ant1	5190	43.120	5168.800	5211.920	---	PASS
		5230	43.040	5209.120	5252.160	---	PASS
		5755	43.200	5733.320	5776.520	---	PASS
		5795	41.920	5774.280	5816.200	---	PASS
11AC80S ISO	Ant1	5210	82.400	5169.200	5251.600	---	PASS
		5775	83.360	5733.880	5817.240	---	PASS

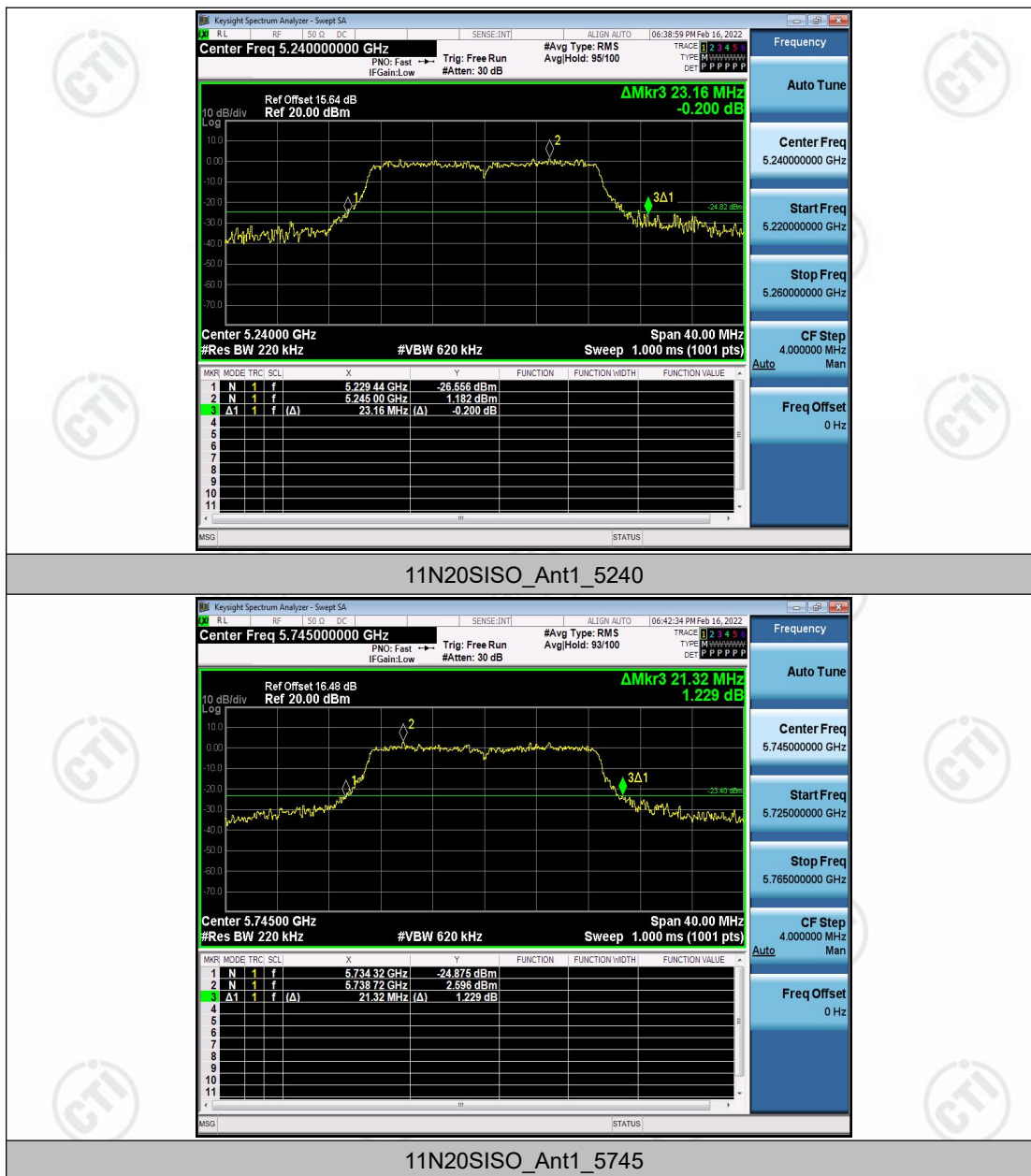
Test Graphs

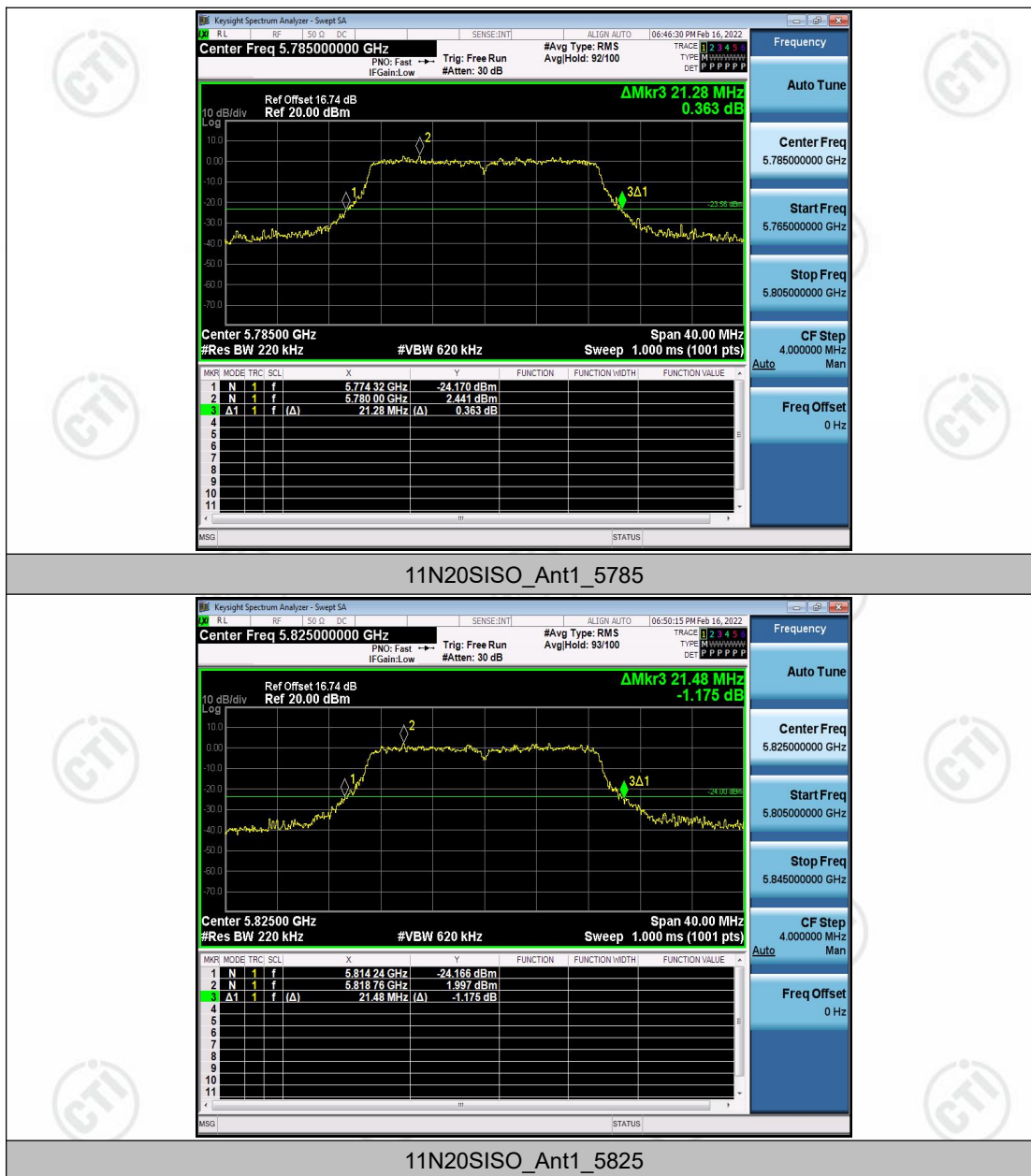


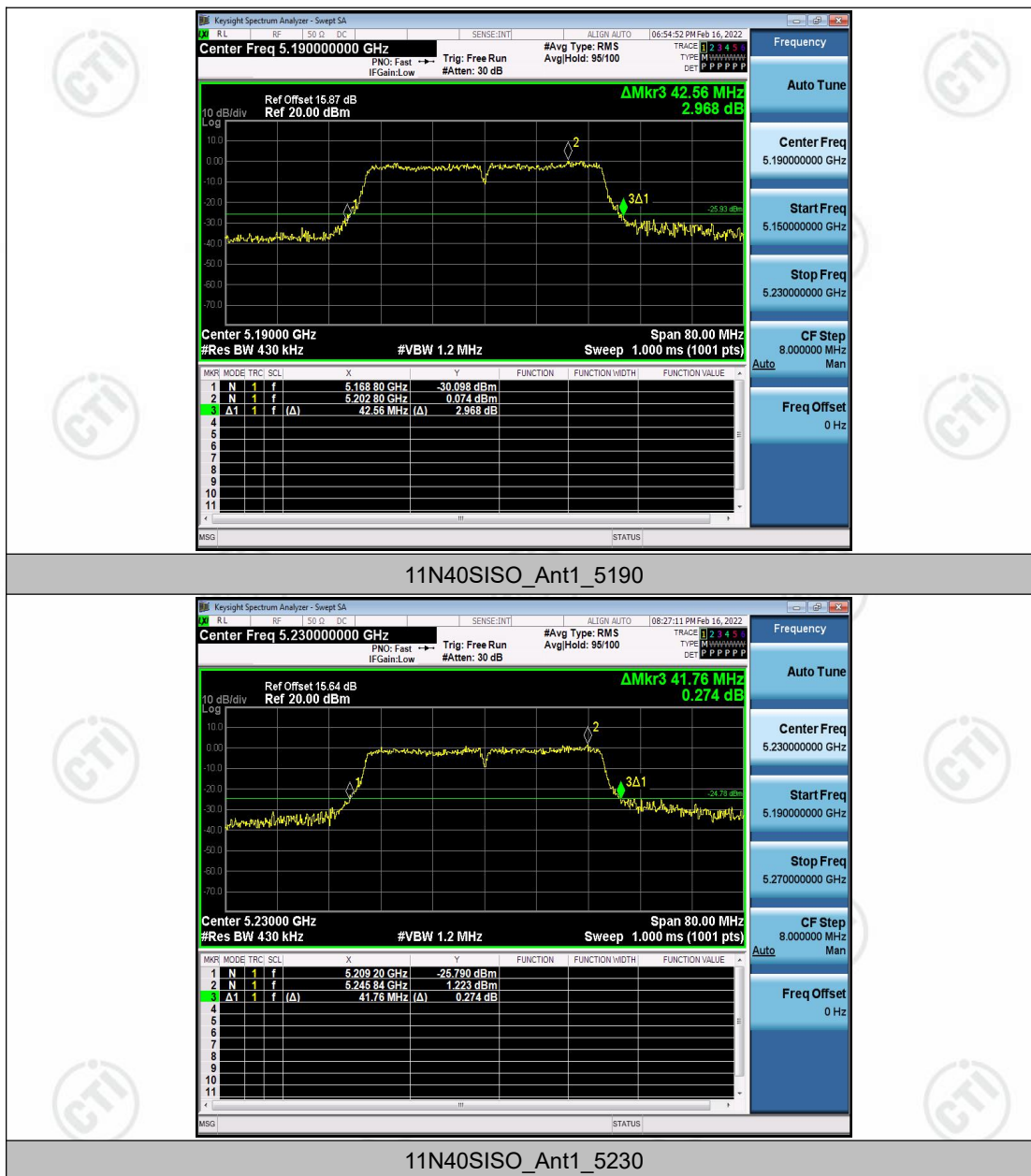


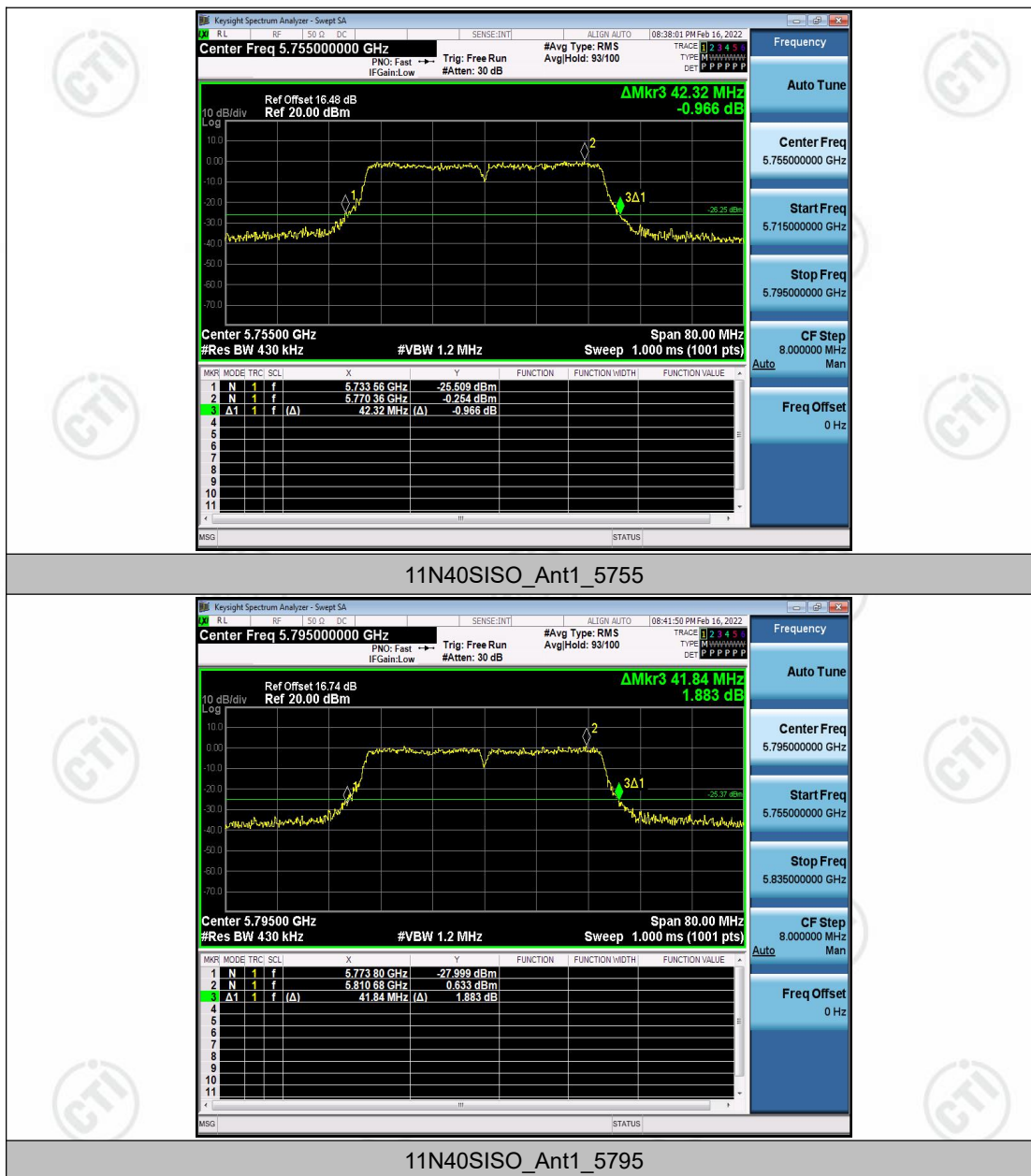


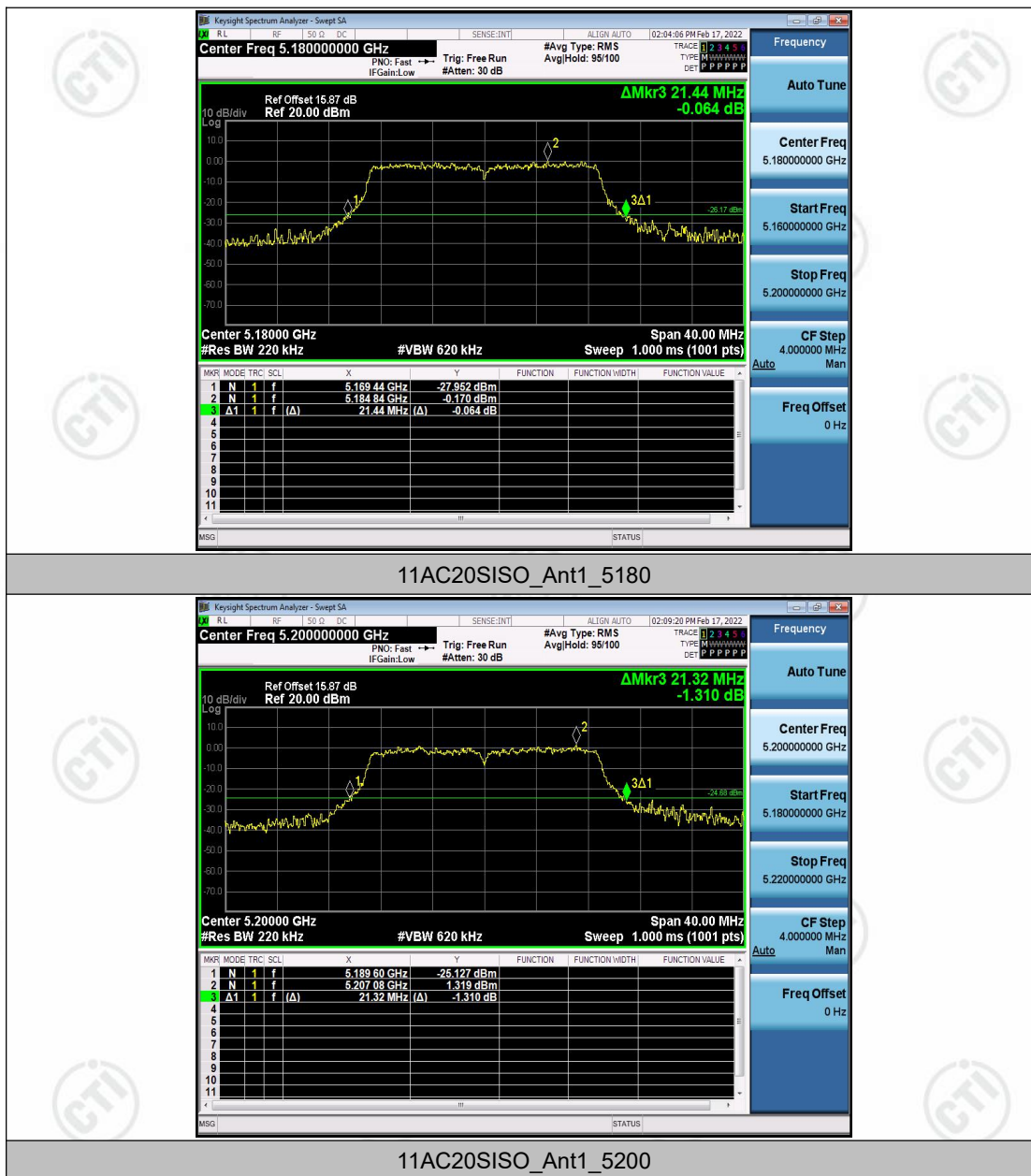


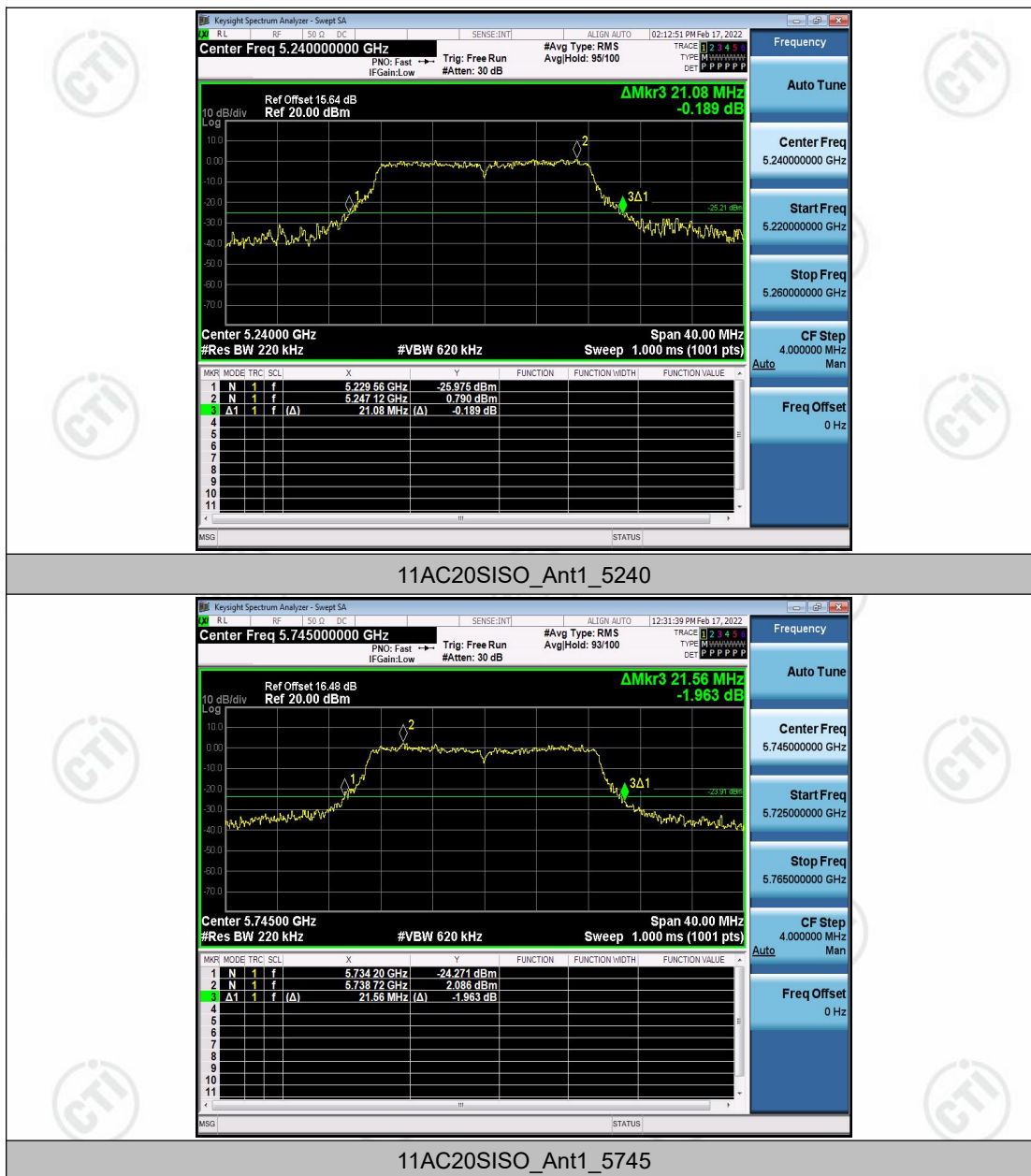


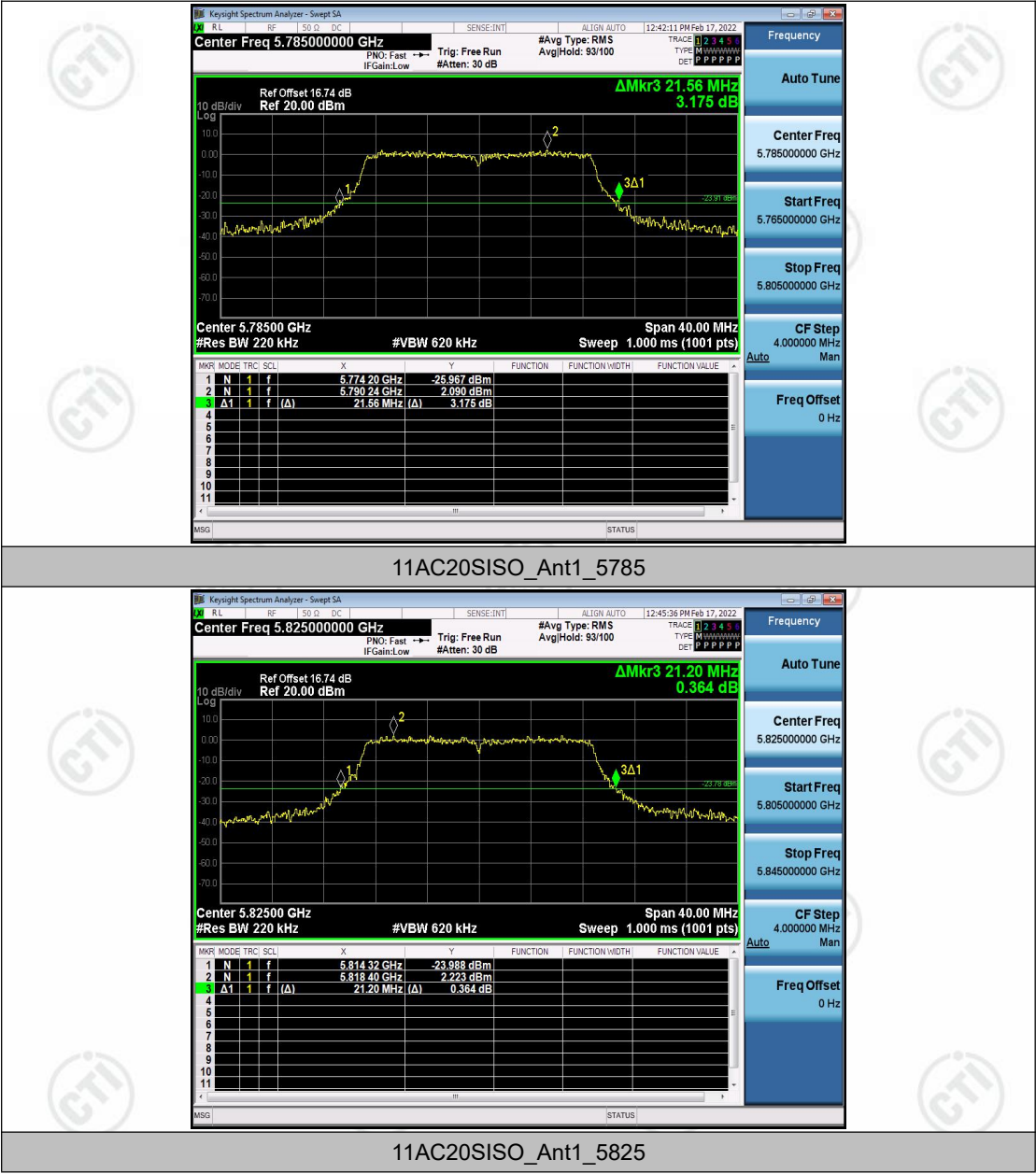


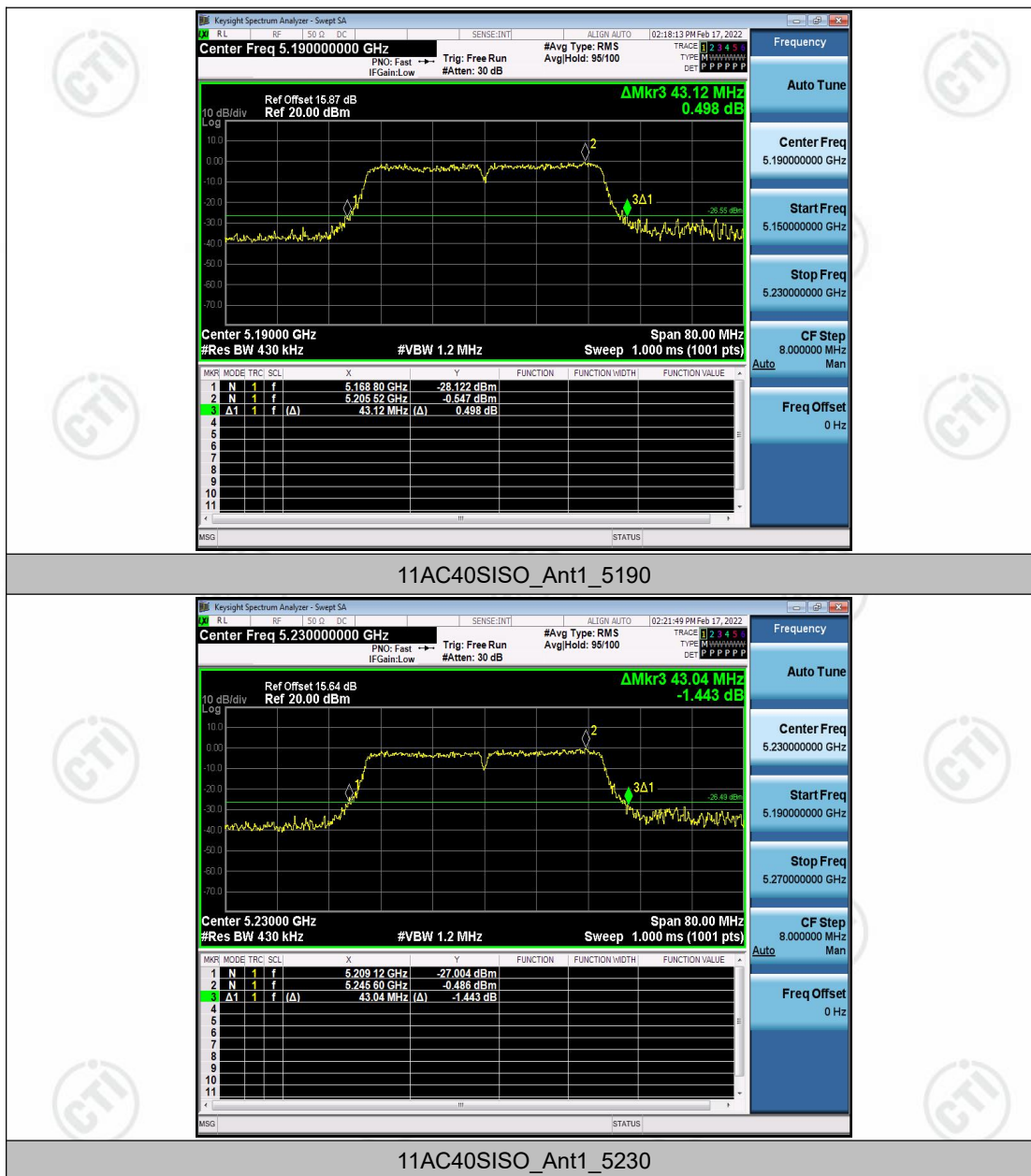


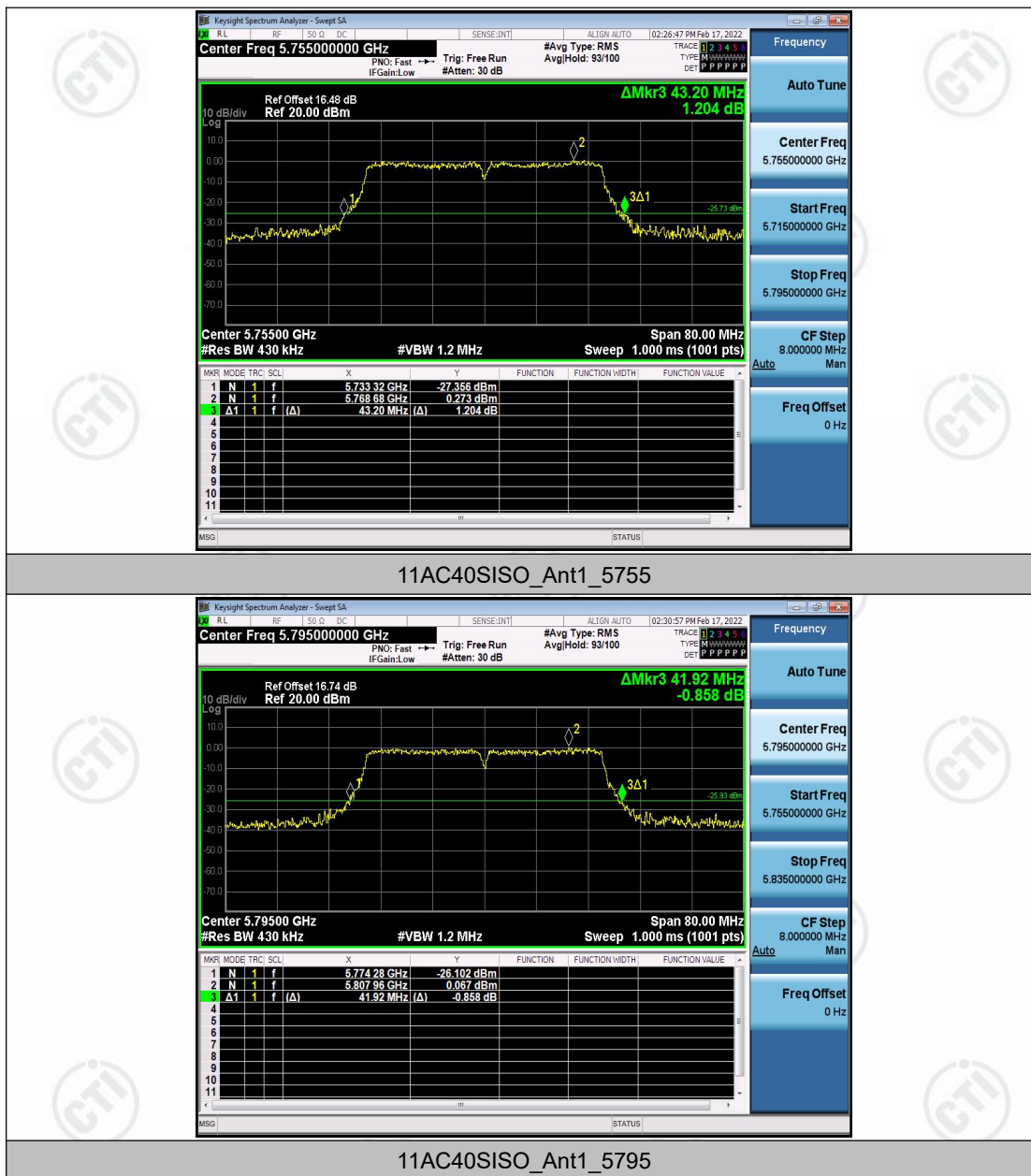


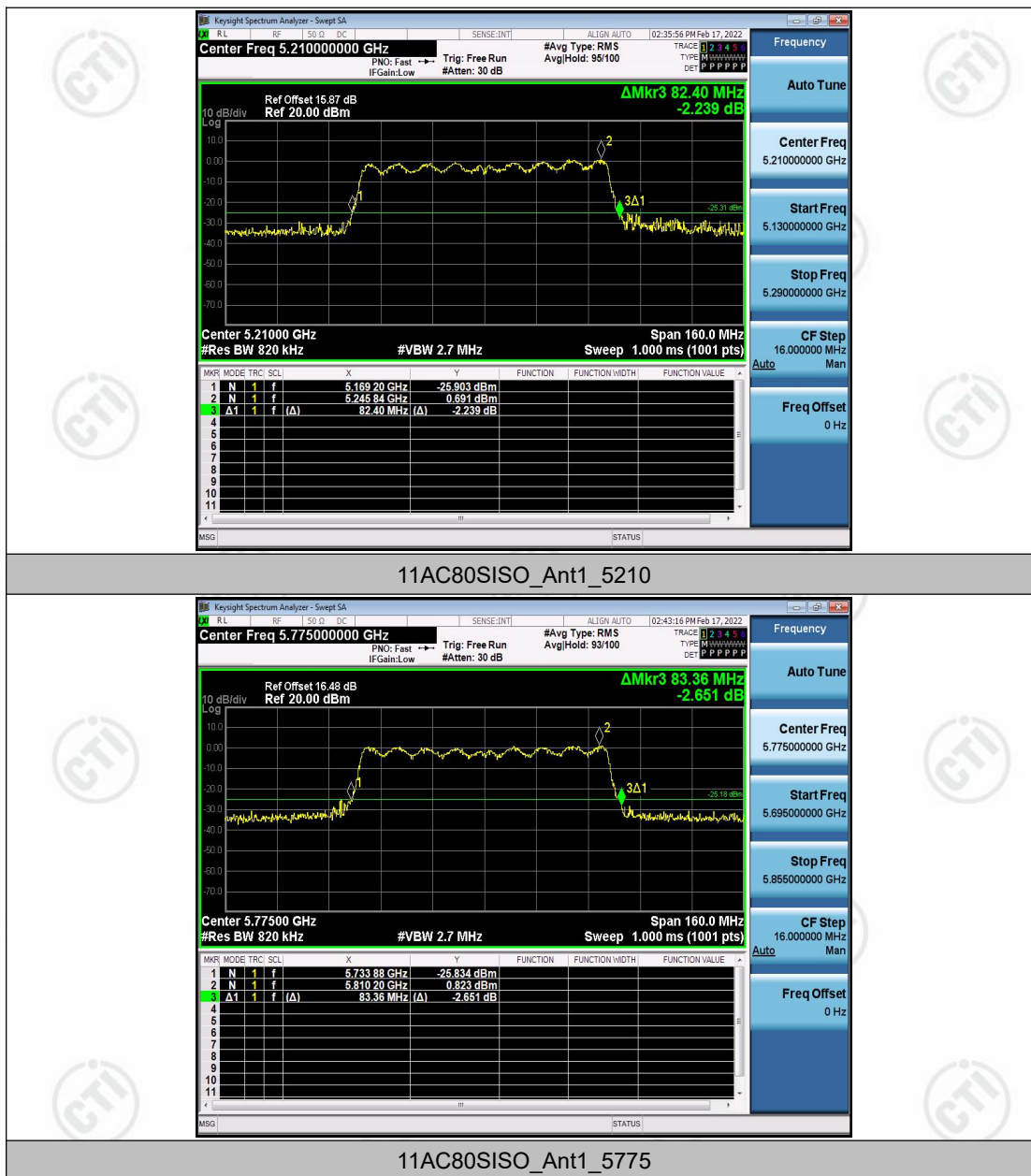












Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.192	5171.433	5188.625	---	PASS
		5200	17.187	5191.440	5208.627	---	PASS
		5240	17.177	5231.456	5248.633	---	PASS
		5745	17.183	5736.405	5753.588	---	PASS
		5785	17.091	5776.432	5793.523	---	PASS
		5825	17.097	5816.408	5833.505	---	PASS
11N20SI SO	Ant1	5180	18.168	5170.905	5189.073	---	PASS
		5200	18.096	5190.990	5209.086	---	PASS
		5240	18.109	5231.030	5249.139	---	PASS
		5745	18.128	5735.868	5753.996	---	PASS
		5785	18.066	5775.939	5794.005	---	PASS
		5825	18.152	5815.918	5834.070	---	PASS
11N40SI SO	Ant1	5190	36.674	5171.770	5208.444	---	PASS
		5230	36.684	5211.729	5248.413	---	PASS
		5755	36.739	5736.642	5773.381	---	PASS
		5795	36.689	5776.553	5813.242	---	PASS
11AC20S ISO	Ant1	5180	18.081	5170.982	5189.063	---	PASS
		5200	18.094	5191.015	5209.109	---	PASS
		5240	17.150	5231.458	5248.608	---	PASS
		5745	18.101	5735.900	5754.001	---	PASS
		5785	18.027	5775.980	5794.007	---	PASS
		5825	18.105	5815.956	5834.061	---	PASS
11AC40S ISO	Ant1	5190	36.780	5171.773	5208.553	---	PASS
		5230	36.665	5211.782	5248.447	---	PASS
		5755	36.795	5736.585	5773.380	---	PASS
		5795	36.592	5776.711	5813.303	---	PASS
11AC80S ISO	Ant1	5210	76.244	5172.136	5248.380	---	PASS
		5775	76.340	5736.780	5813.120	---	PASS

Test Graphs

