

Appendix A: Test Results of 5GHz Wi-Fi

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Appendix A.1: Test Results of 26dB Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.440	5170.120	5189.560	---	PASS
		5200	19.640	5190.360	5210.000	---	PASS
		5240	19.800	5230.000	5249.800	---	PASS
		5260	19.680	5250.240	5269.920	---	PASS
		5280	19.920	5270.040	5289.960	---	PASS
		5320	19.520	5310.240	5329.760	---	PASS
		5500	19.960	5490.160	5510.120	---	PASS
		5580	19.640	5570.240	5589.880	---	PASS
11N20MIMO	Ant1	5700	19.680	5689.800	5709.480	---	PASS
		5180	20.280	5169.960	5190.240	---	PASS
		5200	19.960	5190.000	5209.960	---	PASS
		5240	19.680	5230.040	5249.720	---	PASS
		5260	20.160	5249.880	5270.040	---	PASS
		5280	19.840	5270.240	5290.080	---	PASS
		5320	19.440	5310.320	5329.760	---	PASS
		5500	20.440	5489.920	5510.360	---	PASS
11N40MIMO	Ant1	5580	20.200	5569.960	5590.160	---	PASS
		5700	19.960	5690.000	5709.960	---	PASS
		5190	39.520	5170.400	5209.920	---	PASS
		5230	39.760	5210.400	5250.160	---	PASS
		5270	40.160	5249.840	5290.000	---	PASS
		5310	40.400	5290.000	5330.400	---	PASS
		5510	39.440	5490.240	5529.680	---	PASS
		5550	40.800	5529.280	5570.080	---	PASS
11AC20MIMO	Ant1	5670	39.920	5650.080	5690.000	---	PASS
		5180	20.000	5170.120	5190.120	---	PASS
		5200	20.160	5189.760	5209.920	---	PASS
		5240	20.160	5229.800	5249.960	---	PASS
		5260	19.880	5250.120	5270.000	---	PASS
		5280	20.200	5269.920	5290.120	---	PASS
		5320	20.120	5309.960	5330.080	---	PASS
		5500	19.680	5490.160	5509.840	---	PASS
11AC40MIMO	Ant1	5580	20.080	5569.760	5589.840	---	PASS
		5700	20.000	5690.000	5710.000	---	PASS
		5190	40.080	5170.160	5210.240	---	PASS
		5230	39.840	5210.080	5249.920	---	PASS
		5270	39.920	5250.080	5290.000	---	PASS
		5310	39.920	5290.000	5329.920	---	PASS
		5510	40.080	5489.680	5529.760	---	PASS
		5550	40.640	5529.680	5570.320	---	PASS
11AC80MIMO	Ant1	5670	39.440	5650.240	5689.680	---	PASS
		5210	80.320	5169.840	5250.160	---	PASS
		5290	80.640	5249.200	5329.840	---	PASS
		5530	81.760	5489.040	5570.800	---	PASS
		5610	79.840	5570.160	5650.000	---	PASS

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



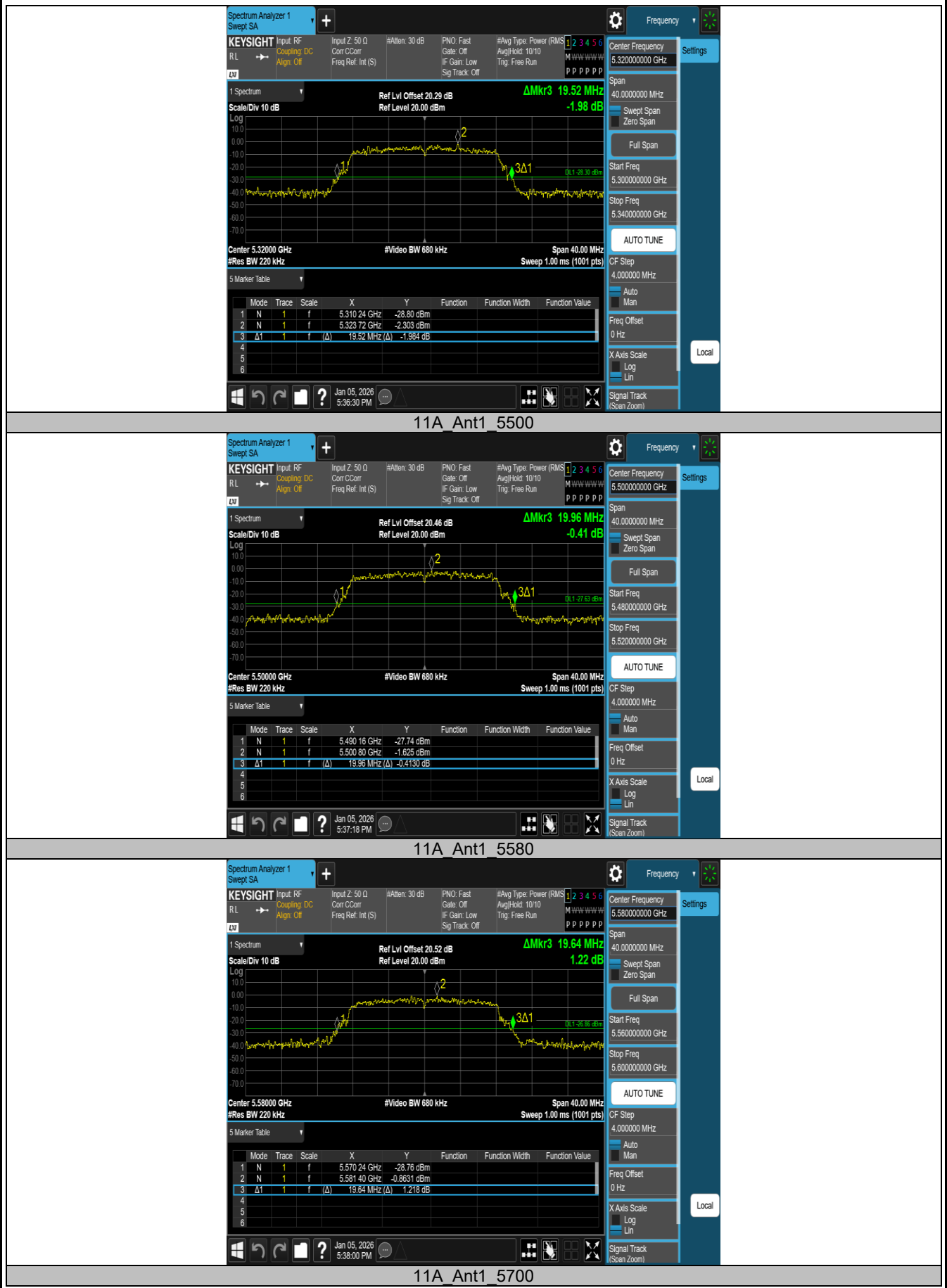
11A Ant1 5260



11A Ant1 5280



11A Ant1 5320





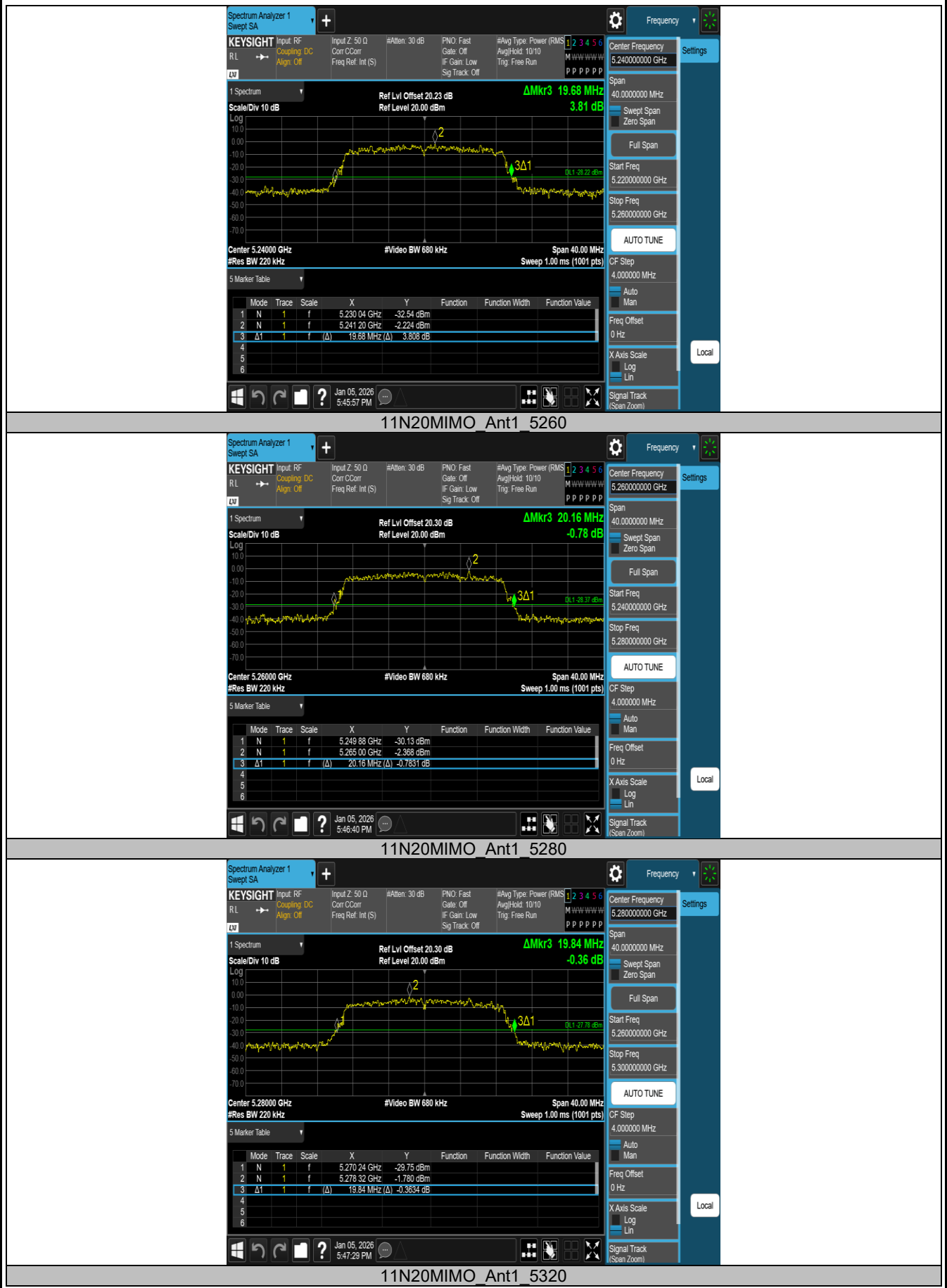
11N20MIMO Ant1 5180

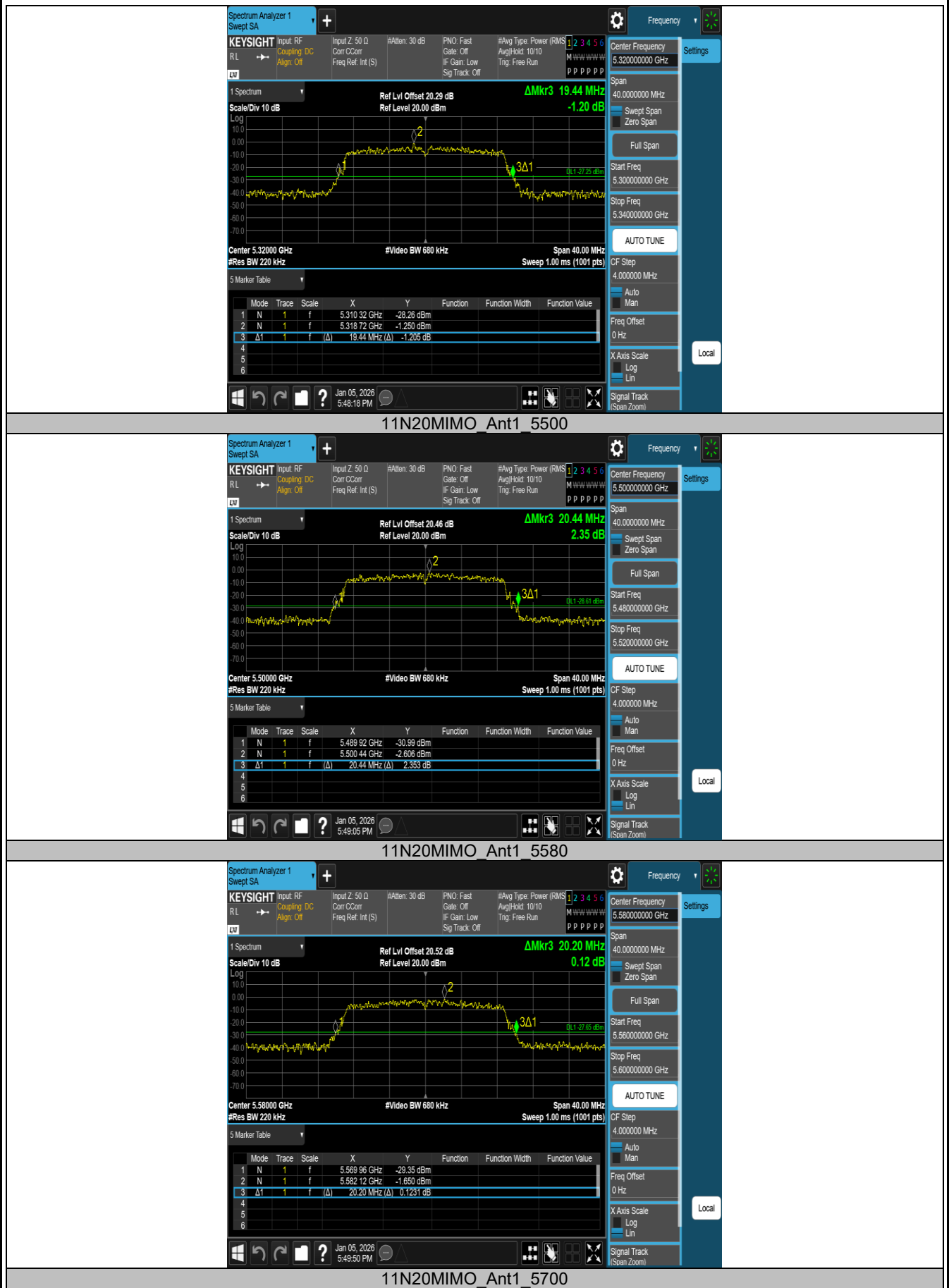


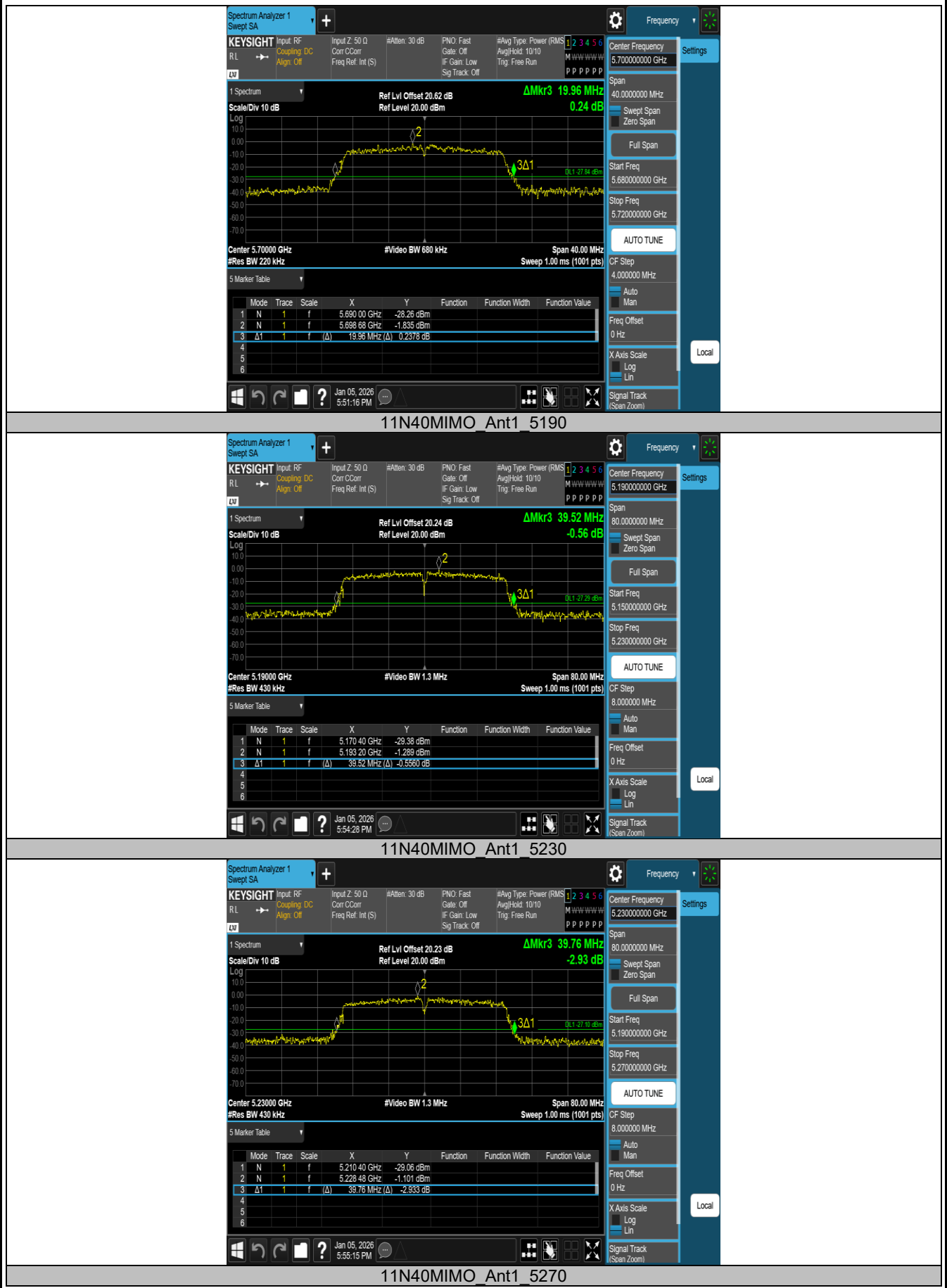
11N20MIMO Ant1 5200



11N20MIMO Ant1 5240









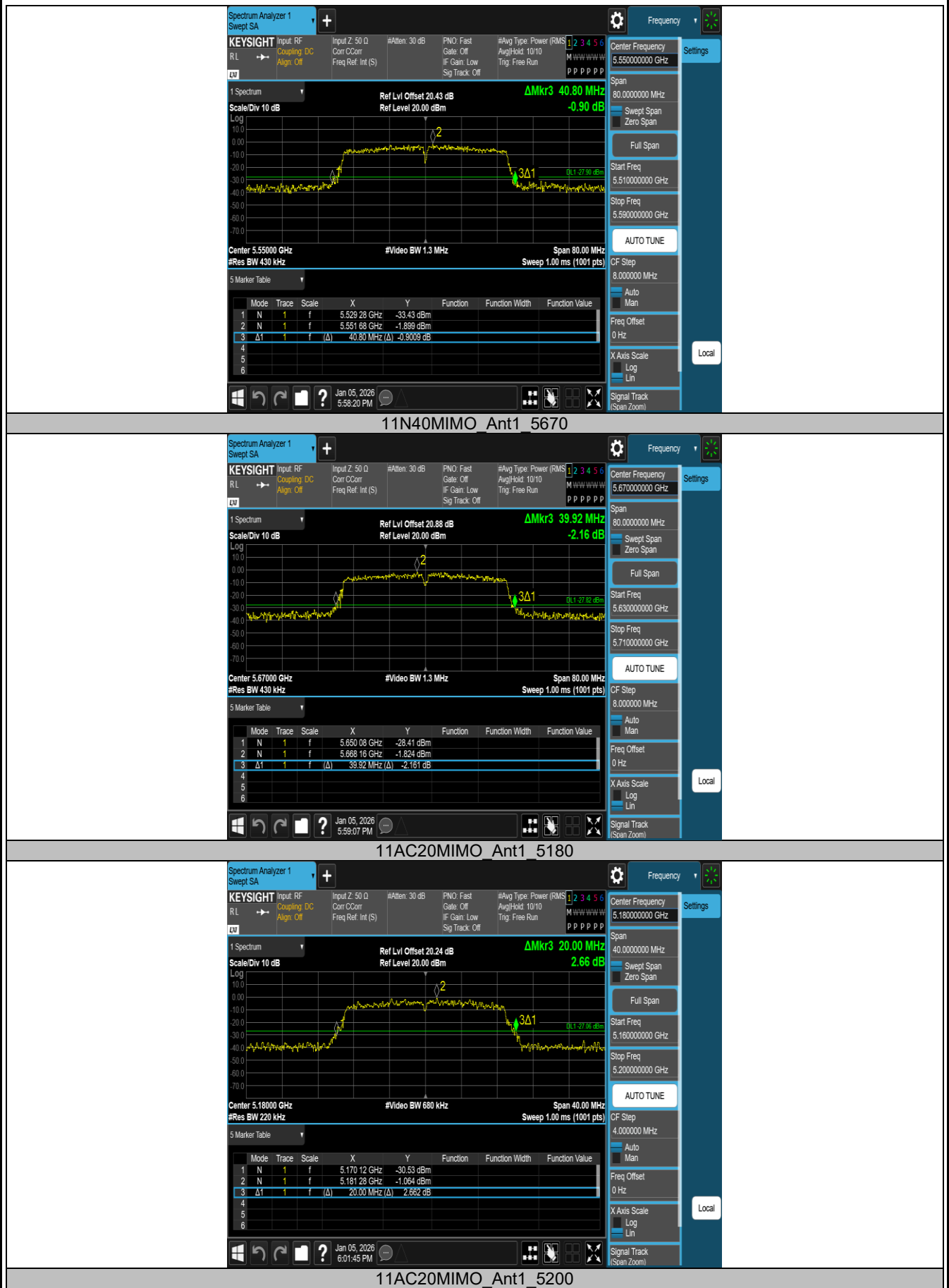
11N40MIMO Ant1 5310



11N40MIMO Ant1 5510



11N40MIMO Ant1 5550





11AC20MIMO_Ant1_5240



11AC20MIMO_Ant1_5260



11AC20MIMO_Ant1_5280



11AC20MIMO_Ant1_5320



11AC20MIMO_Ant1_5500



11AC20MIMO_Ant1_5580



11AC20MIMO_Ant1_5700



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant1_5270



11AC40MIMO_Ant1_5310



11AC40MIMO_Ant1_5510



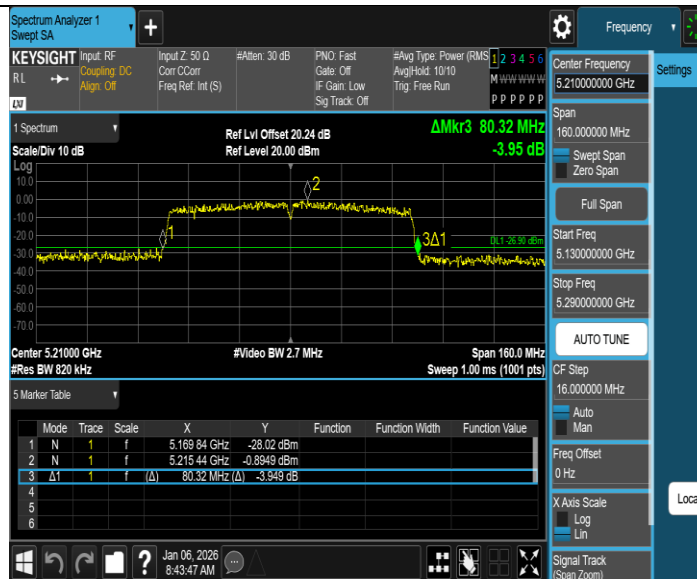
11AC40MIMO_Ant1_5550



11AC40MIMO_Ant1_5670



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant1_5290



11AC80MIMO_Ant1_5530



11AC80MIMO_Ant1_5610



Appendix A.2: Test Results of 99% Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.682	5171.6322	5188.3142	---	PASS
		5200	16.721	5191.6333	5208.3543	---	PASS
		5240	16.753	5231.5951	5248.3481	---	PASS
		5260	16.800	5251.5459	5268.3459	---	PASS
		5280	16.825	5271.5712	5288.3962	---	PASS
		5320	16.814	5311.5750	5328.3890	---	PASS
		5500	16.677	5491.7003	5508.3773	---	PASS
		5580	16.818	5571.5915	5588.4095	---	PASS
		5700	16.864	5691.5406	5708.4046	---	PASS
		5745	16.656	5736.6323	5753.2883	---	PASS
		5785	16.736	5776.5903	5793.3263	---	PASS
11N20MIMO	Ant1	5825	16.673	5816.5897	5833.2627	---	PASS
		5180	17.708	5171.1516	5188.8596	---	PASS
		5200	17.862	5191.0858	5208.9478	---	PASS
		5240	17.743	5231.0956	5248.8386	---	PASS
		5260	17.751	5251.1014	5268.8524	---	PASS
		5280	17.704	5271.1392	5288.8432	---	PASS
		5320	17.773	5311.1173	5328.8903	---	PASS
		5500	17.739	5491.1456	5508.8846	---	PASS
		5580	17.742	5571.1031	5588.8451	---	PASS
		5700	17.769	5691.0666	5708.8356	---	PASS
		5745	17.746	5736.0344	5753.7804	---	PASS
11N40MIMO	Ant1	5785	17.784	5776.0600	5793.8440	---	PASS
		5825	17.778	5816.0709	5833.8489	---	PASS
		5190	36.144	5171.9332	5208.0772	---	PASS
		5230	36.116	5211.8761	5247.9921	---	PASS
		5270	36.227	5251.8380	5288.0650	---	PASS
		5310	36.109	5291.9449	5328.0539	---	PASS
		5510	36.161	5491.9148	5528.0758	---	PASS
		5550	36.174	5531.9270	5568.1010	---	PASS
11AC20MIMO	Ant1	5670	36.203	5651.8260	5688.0290	---	PASS
		5755	36.229	5736.8438	5773.0728	---	PASS
		5795	36.314	5776.8103	5813.1243	---	PASS
		5180	17.745	5171.1016	5188.8466	---	PASS
		5200	17.775	5191.1021	5208.8771	---	PASS
		5240	17.824	5231.1010	5248.9250	---	PASS
		5260	17.658	5251.1373	5268.7953	---	PASS
		5280	17.729	5271.0802	5288.8092	---	PASS
		5320	17.717	5311.1204	5328.8374	---	PASS
		5500	17.715	5491.1322	5508.8472	---	PASS
		5580	17.782	5571.0912	5588.8732	---	PASS
11AC40MIMO	Ant1	5700	17.731	5691.0978	5708.8288	---	PASS
		5745	17.795	5736.0512	5753.8462	---	PASS
		5785	17.729	5776.1012	5793.8302	---	PASS
		5825	17.779	5816.0580	5833.8370	---	PASS
		5190	36.142	5171.9460	5208.0880	---	PASS
		5230	36.143	5211.8769	5248.0199	---	PASS
		5270	36.134	5251.9040	5288.0380	---	PASS
		5310	36.083	5291.9121	5327.9951	---	PASS
11AC80MIMO	Ant1	5510	36.026	5491.9603	5527.9863	---	PASS
		5550	36.215	5531.9379	5568.1529	---	PASS
		5670	36.221	5651.8191	5688.0401	---	PASS
		5755	36.160	5736.8873	5773.0473	---	PASS
		5795	36.195	5776.8642	5813.0592	---	PASS
11AC80MIMO	Ant1	5210	75.627	5172.1331	5247.7601	---	PASS
		5290	75.778	5252.0446	5327.8226	---	PASS
		5530	75.709	5492.2411	5567.9501	---	PASS

		5610	75.650	5572.1718	5647.8218	---	PASS
		5775	75.859	5736.9305	5812.7895	---	PASS