

Appendix A: Test Results of 5GHz Wi-Fi

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Appendix A.1: Test Results of 26dB Bandwidth

Test Result

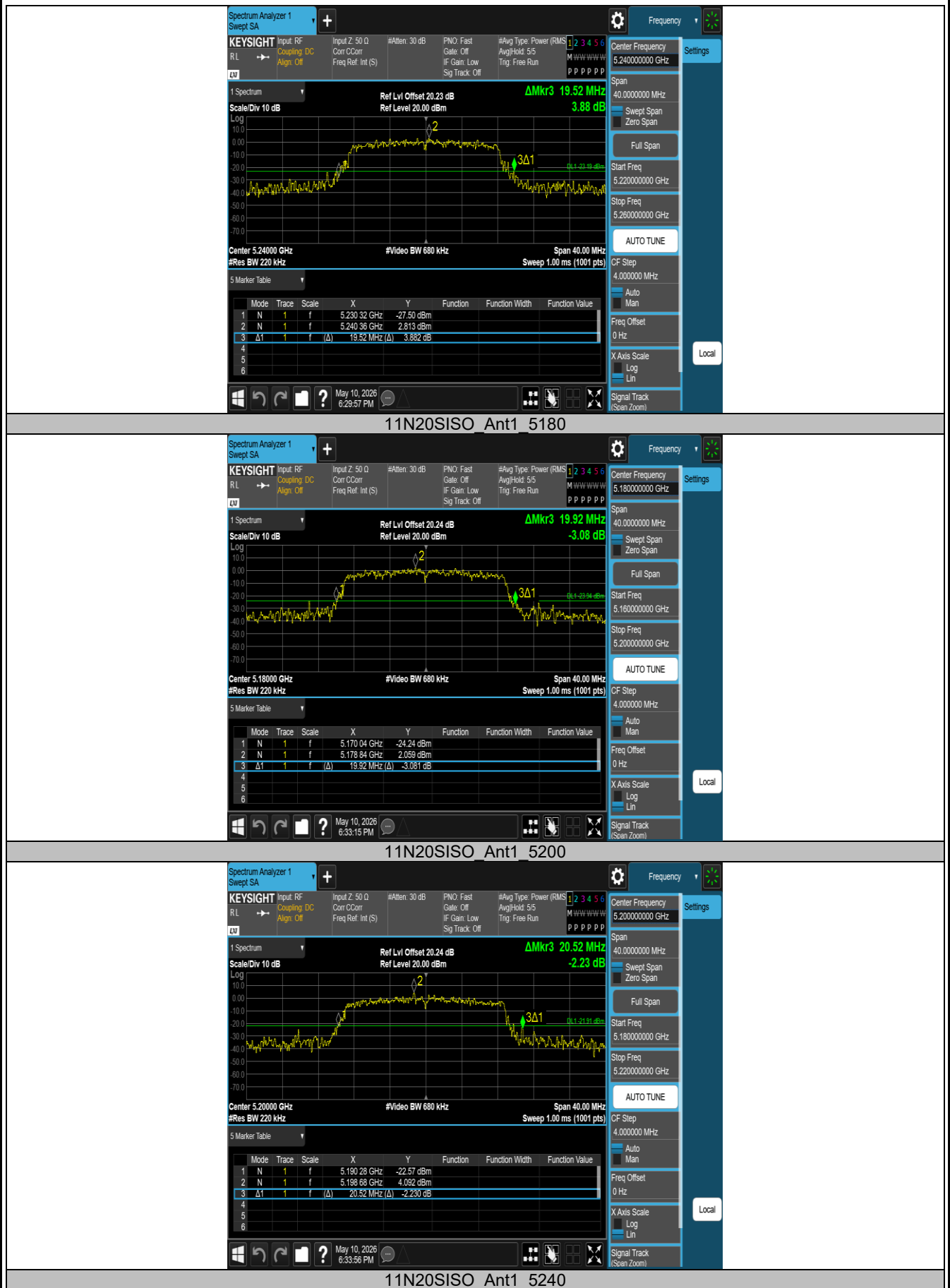
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.880	5170.000	5189.880	---	PASS
		5200	19.280	5190.160	5209.440	---	PASS
		5240	19.520	5230.320	5249.840	---	PASS
11N20SISO	Ant1	5180	19.920	5170.040	5189.960	---	PASS
		5200	20.520	5190.280	5210.800	---	PASS
		5240	19.880	5230.040	5249.920	---	PASS
11N40SISO	Ant1	5190	39.600	5170.000	5209.600	---	PASS
		5230	39.760	5210.240	5250.000	---	PASS
11AC20SISO	Ant1	5180	19.920	5170.080	5190.000	---	PASS
		5200	19.880	5189.920	5209.800	---	PASS
		5240	19.480	5230.120	5249.600	---	PASS
11AC40SISO	Ant1	5190	40.240	5169.920	5210.160	---	PASS
		5230	40.240	5209.840	5250.080	---	PASS
11AC80SISO	Ant1	5210	78.880	5170.320	5249.200	---	PASS

Test Graphs



Prüfbericht - Produkte

Test Report - Products





11N40SISO Ant1 5190



11N40SISO Ant1 5230



11AC20SISO Ant1 5180

Prüfbericht - Produkte

Test Report - Products



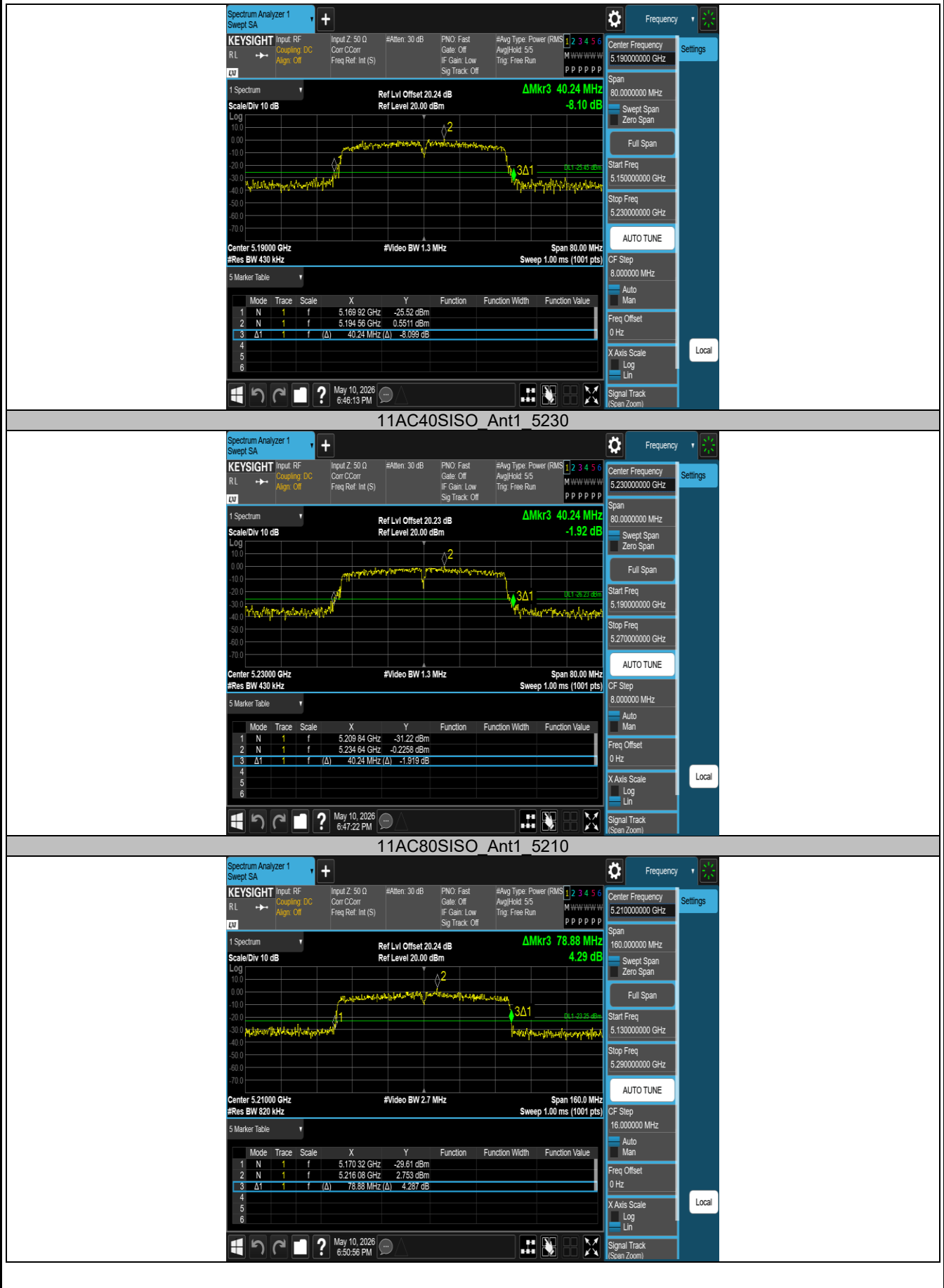
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



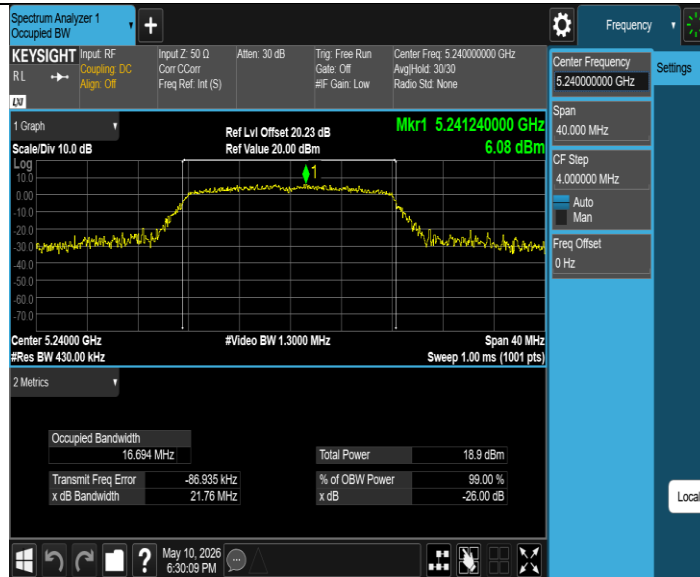
Appendix A.2: Test Results of 99% Bandwidth

Test Result

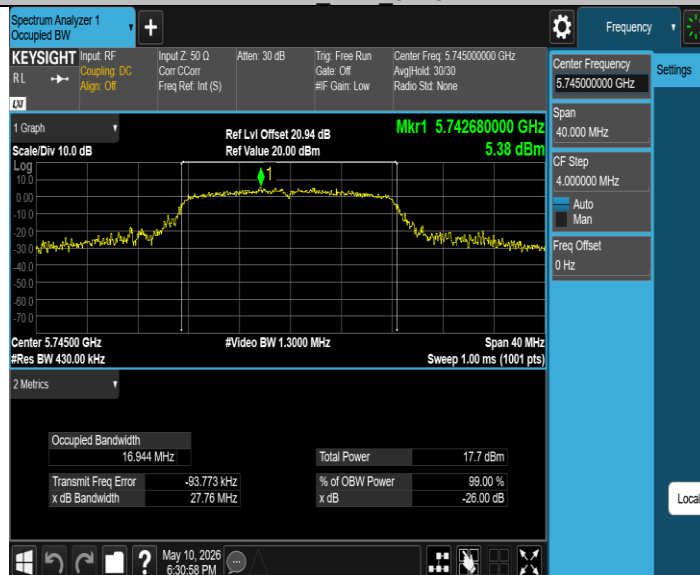
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.037	5171.3773	5188.4143	---	PASS
		5200	16.784	5191.5953	5208.3793	---	PASS
		5240	16.694	5231.5661	5248.2601	---	PASS
		5745	16.944	5736.4342	5753.3782	---	PASS
		5785	16.889	5776.4970	5793.3860	---	PASS
		5825	16.967	5816.4344	5833.4014	---	PASS
11N20SISO	Ant1	5180	17.887	5170.9759	5188.8629	---	PASS
		5200	17.765	5191.0138	5208.7788	---	PASS
		5240	17.770	5231.0518	5248.8218	---	PASS
		5745	17.893	5735.9579	5753.8509	---	PASS
		5785	18.017	5775.8754	5793.8924	---	PASS
		5825	17.877	5815.9740	5833.8510	---	PASS
11N40SISO	Ant1	5190	36.110	5171.9170	5208.0270	---	PASS
		5230	36.091	5211.8838	5247.9748	---	PASS
		5755	36.152	5736.8239	5772.9759	---	PASS
		5795	36.141	5776.8305	5812.9715	---	PASS
11AC20SISO	Ant1	5180	17.755	5171.0242	5188.7792	---	PASS
		5200	17.836	5191.0070	5208.8430	---	PASS
		5240	17.735	5231.0359	5248.7709	---	PASS
		5745	17.877	5735.9662	5753.8432	---	PASS
		5785	17.893	5775.9567	5793.8497	---	PASS
		5825	17.823	5816.0335	5833.8565	---	PASS
11AC40SISO	Ant1	5190	36.174	5171.7796	5207.9536	---	PASS
		5230	36.001	5211.9391	5247.9401	---	PASS
		5755	36.077	5736.9229	5772.9999	---	PASS
		5795	36.144	5776.8248	5812.9688	---	PASS
11AC80SISO	Ant1	5210	75.557	5172.1847	5247.7417	---	PASS
		5775	75.672	5737.0711	5812.7431	---	PASS

Test Graphs

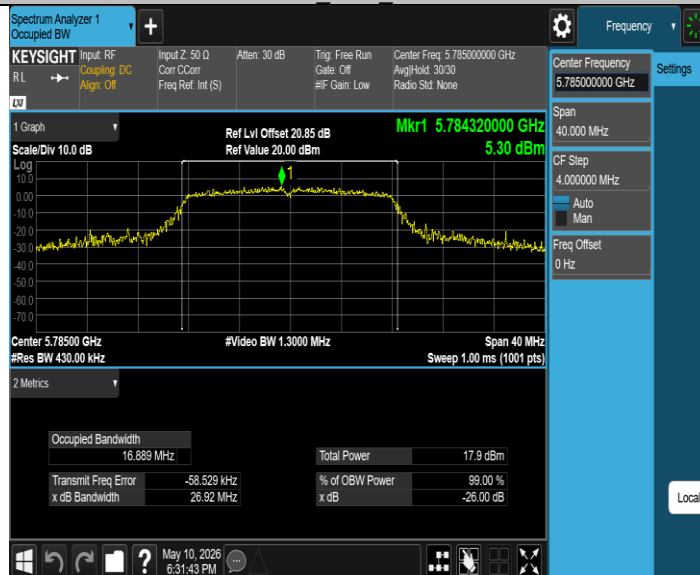




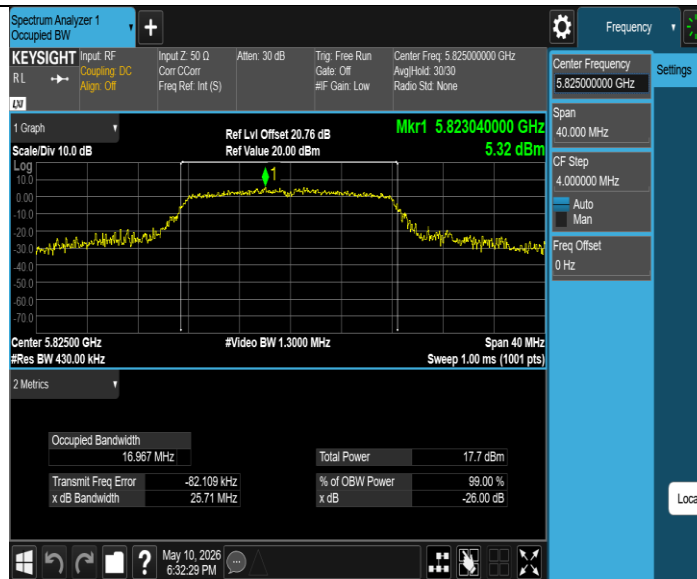
11A_Ant1_5745



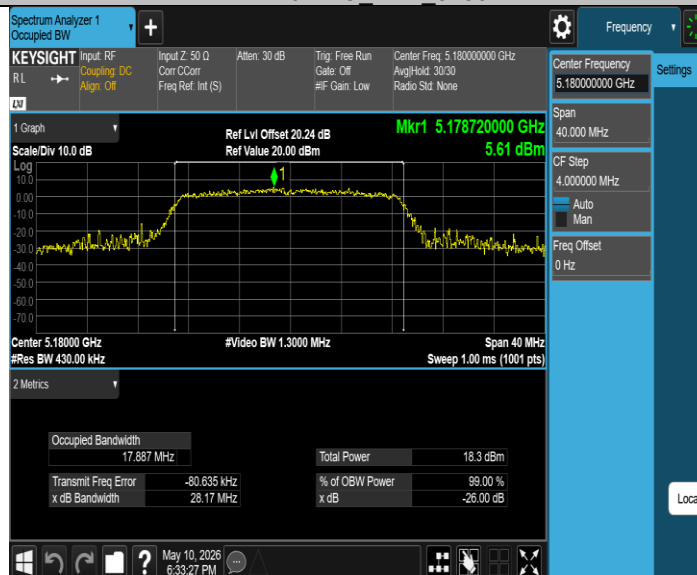
11A_Ant1_5785



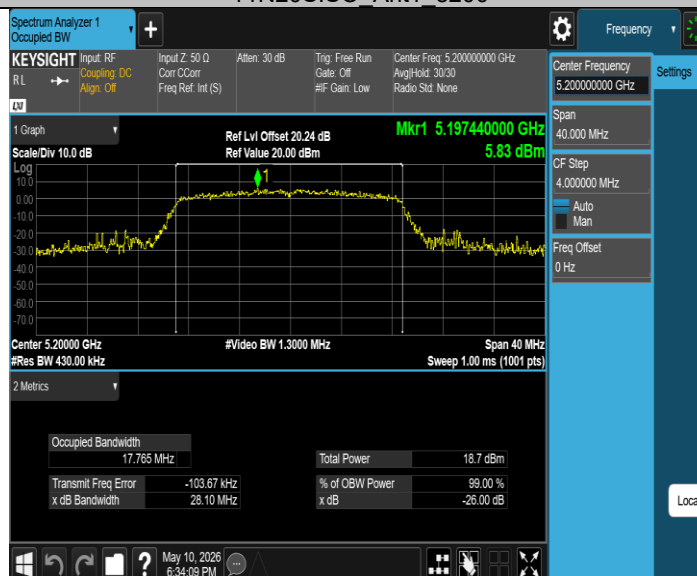
11A_Ant1_5825



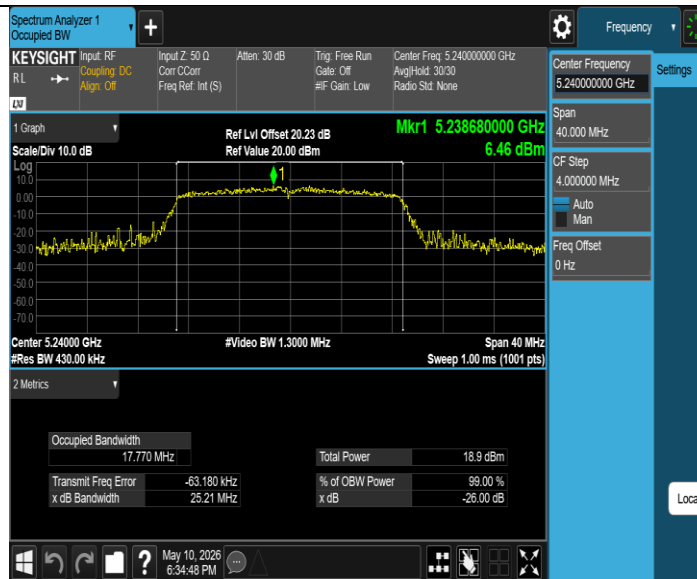
11N20SISO Ant1 5180



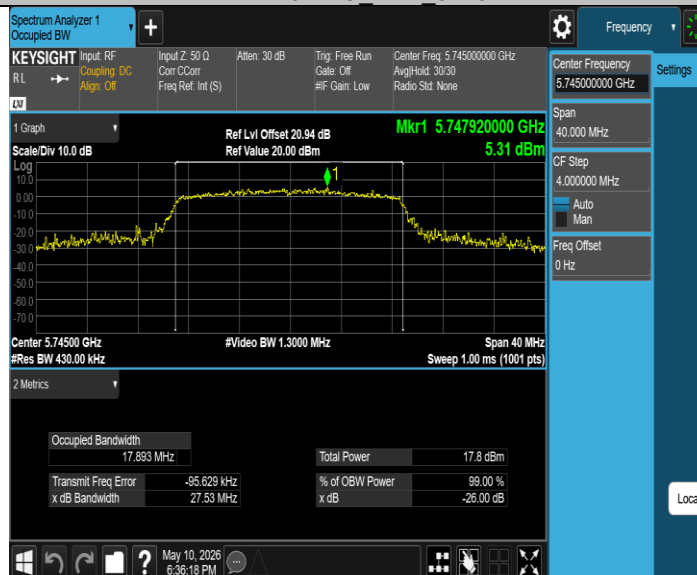
11N20SISO Ant1 5200



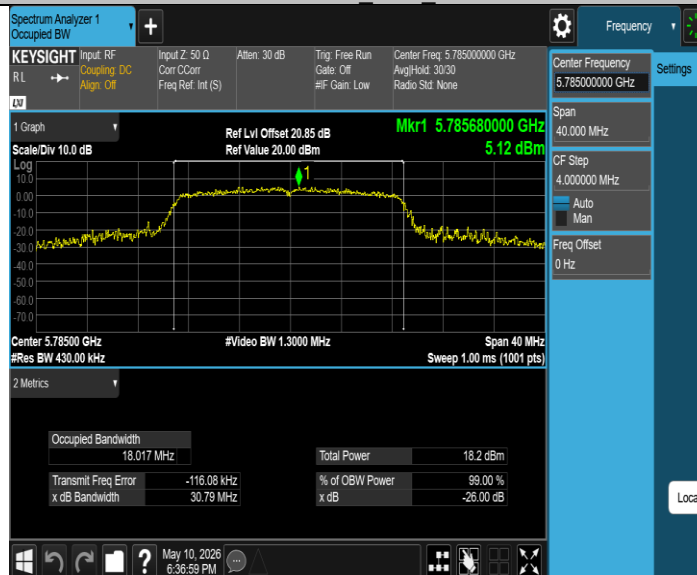
11N20SISO Ant1 5240



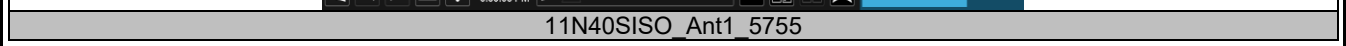
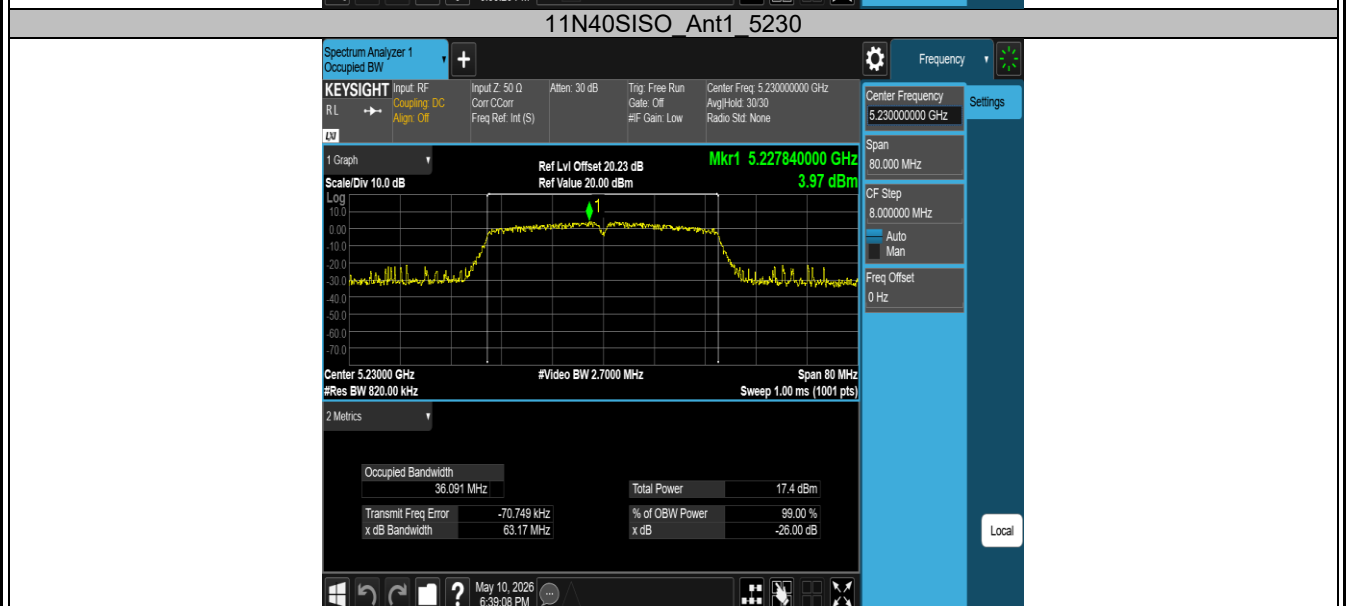
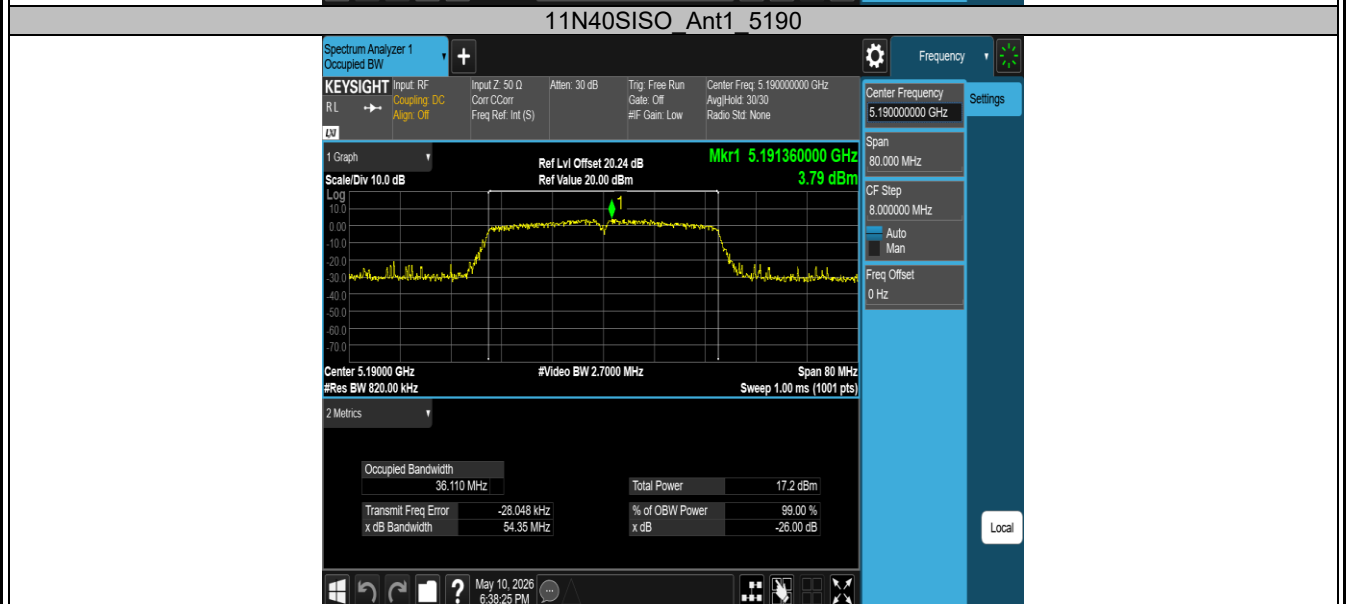
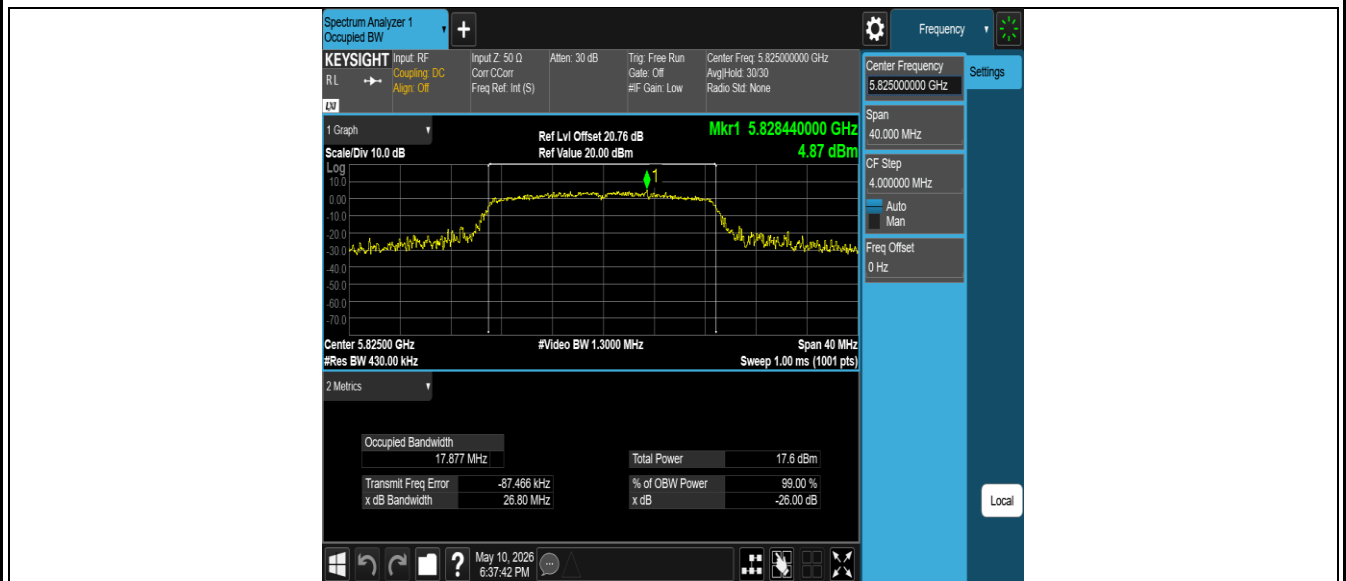
11N20SISO Ant1 5745

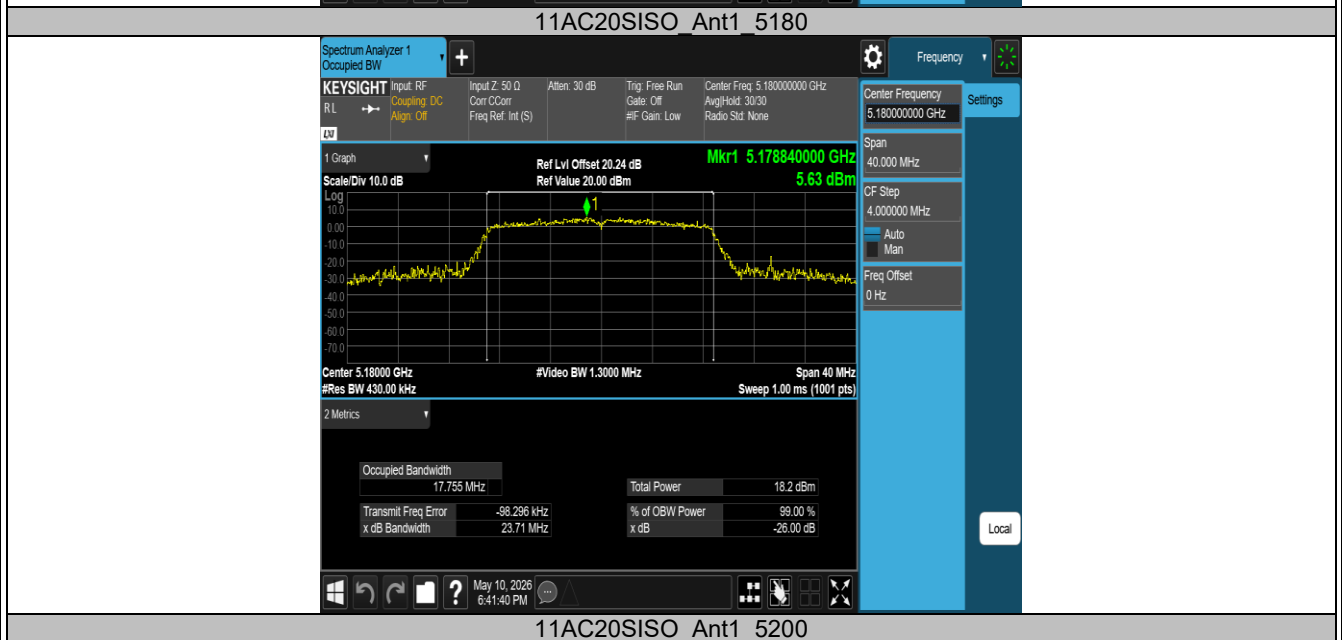
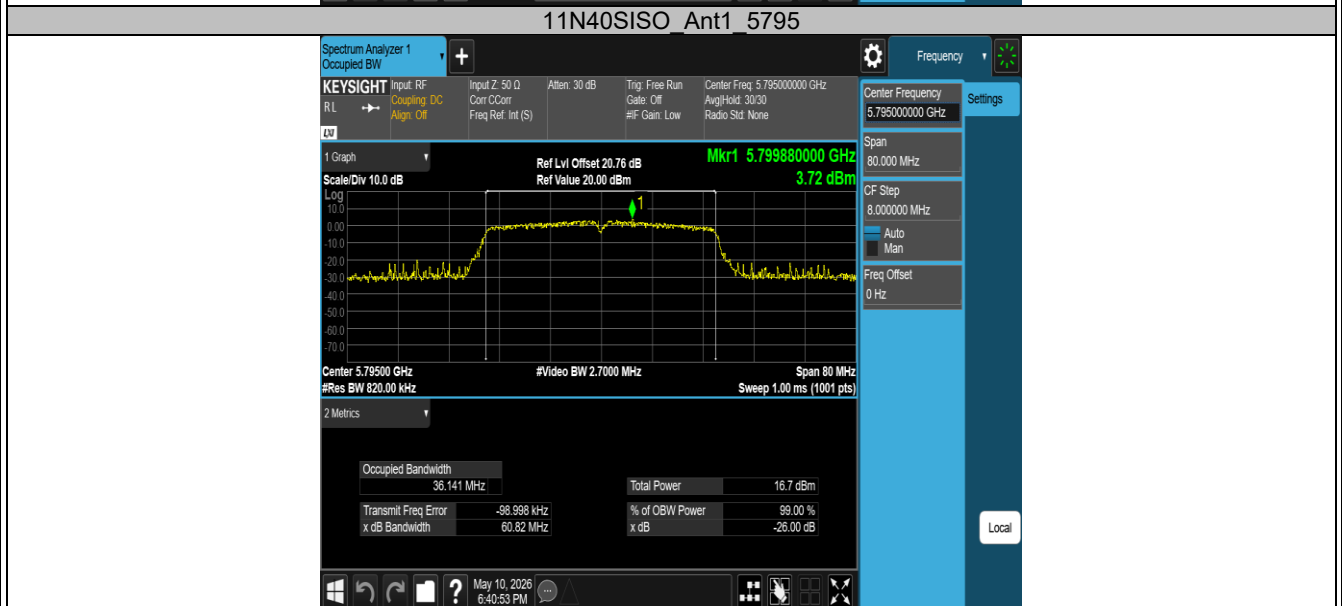
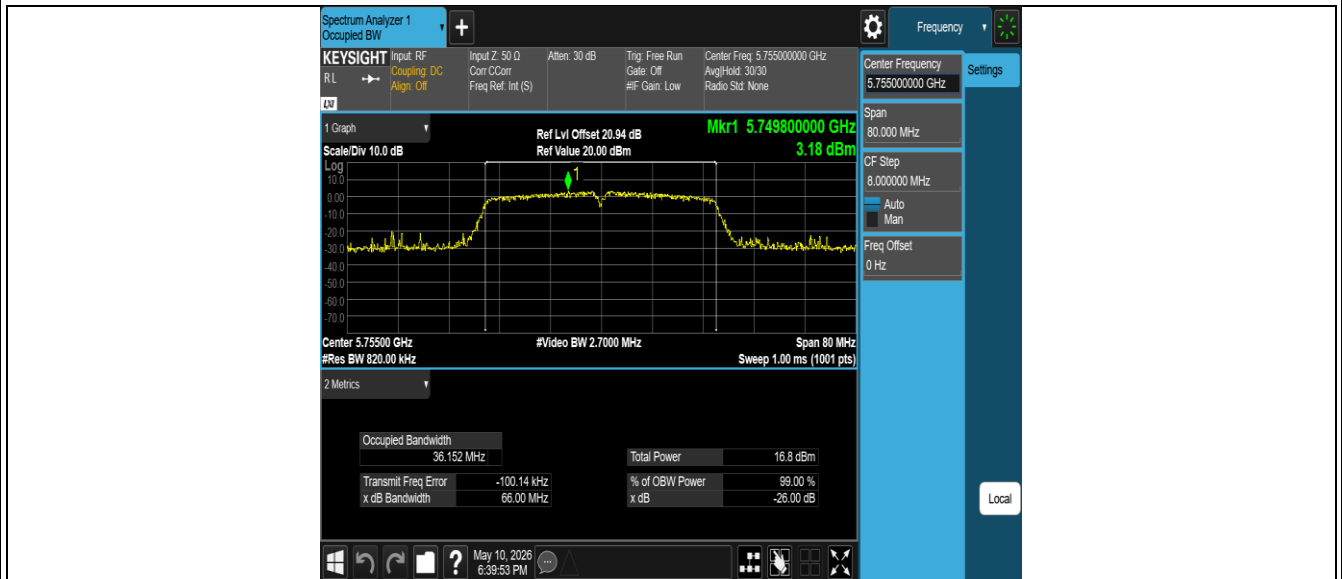


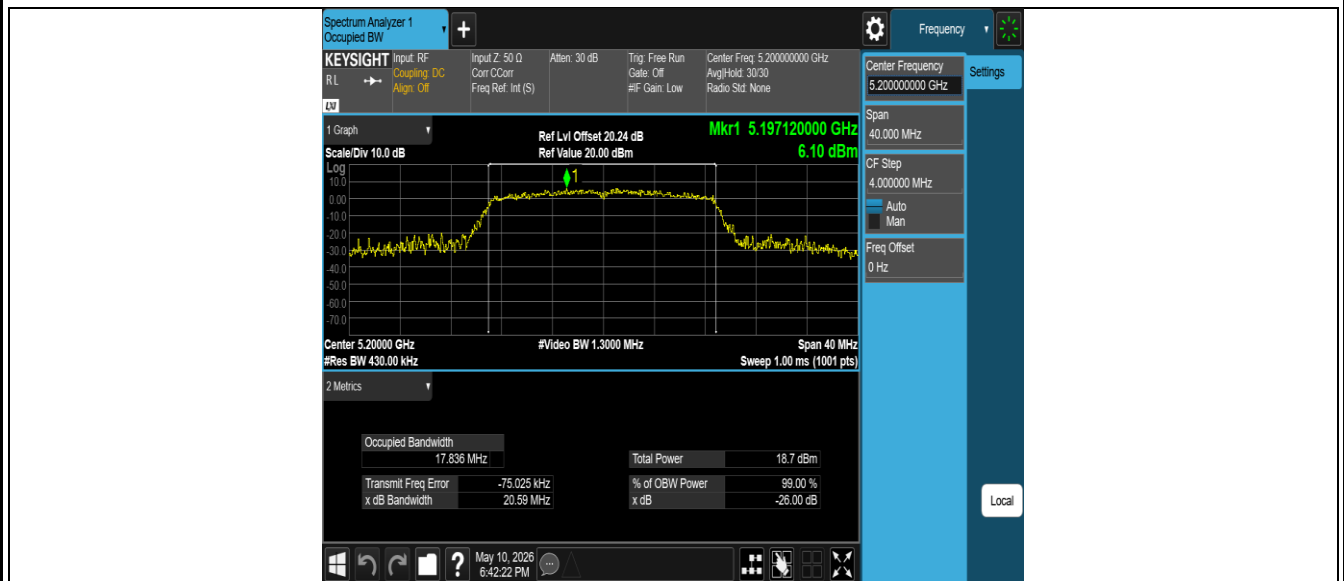
11N20SISO Ant1 5785

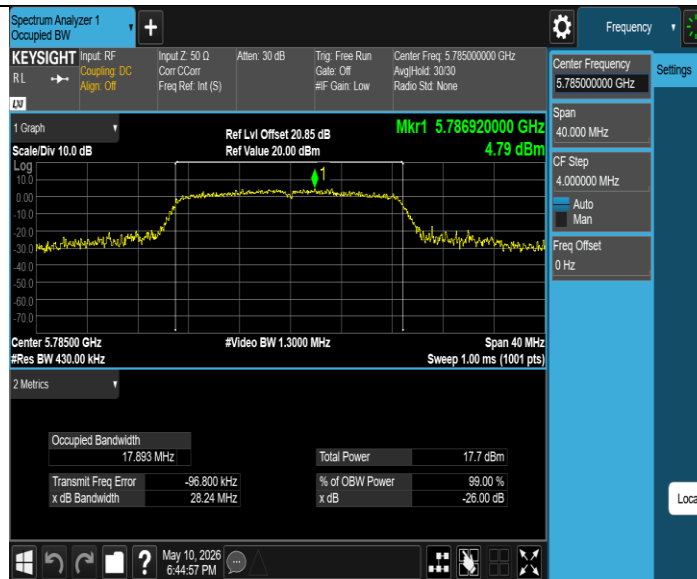


11N20SISO Ant1 5825

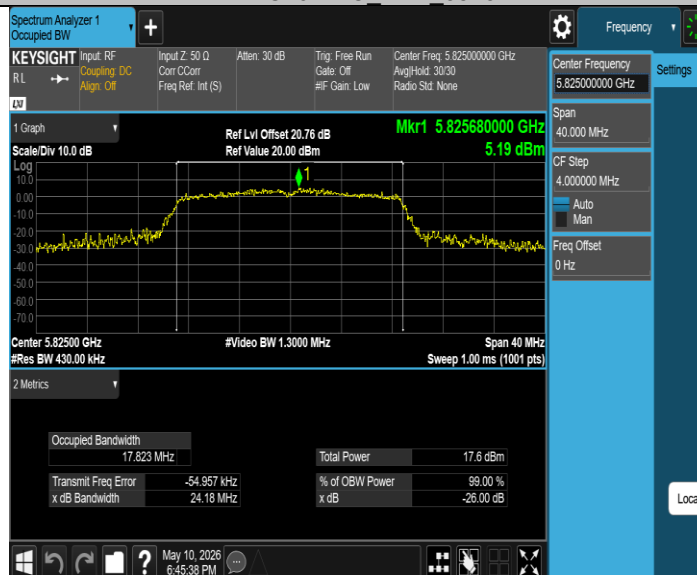




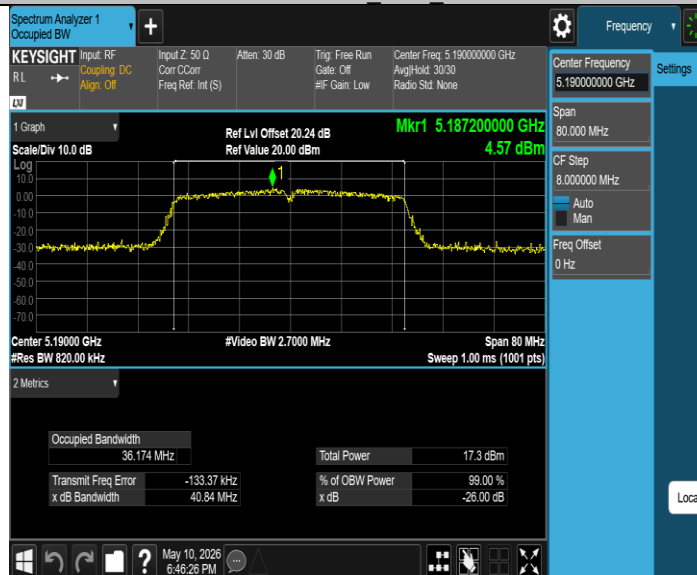




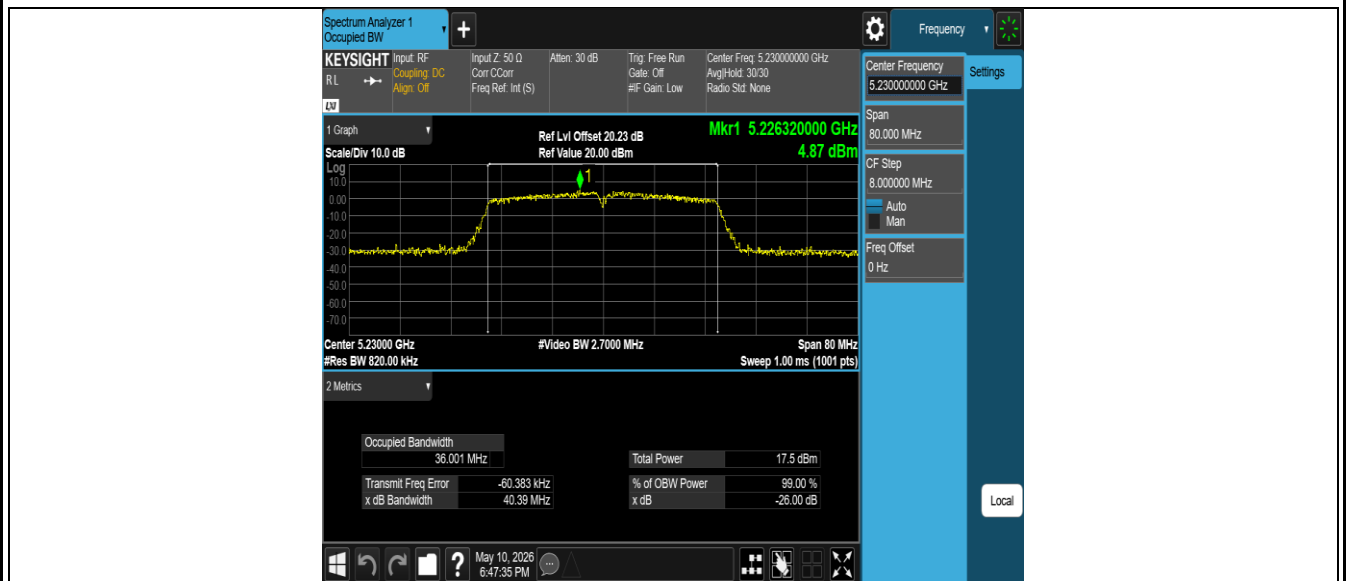
11AC20SISO_Ant1_5825



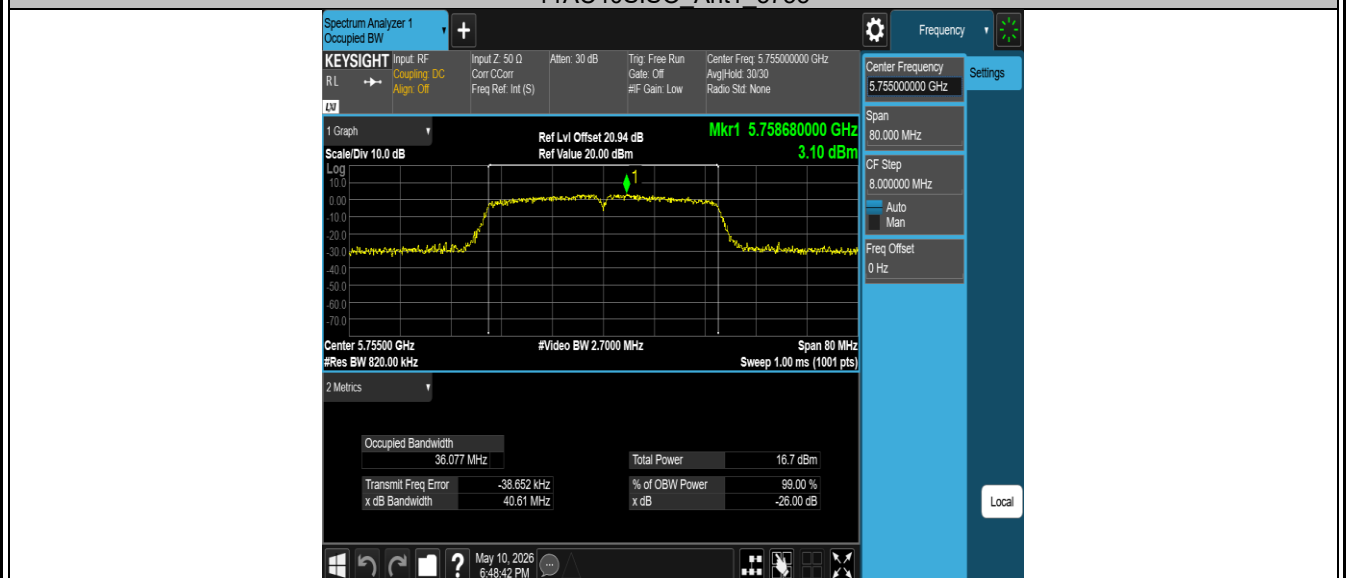
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



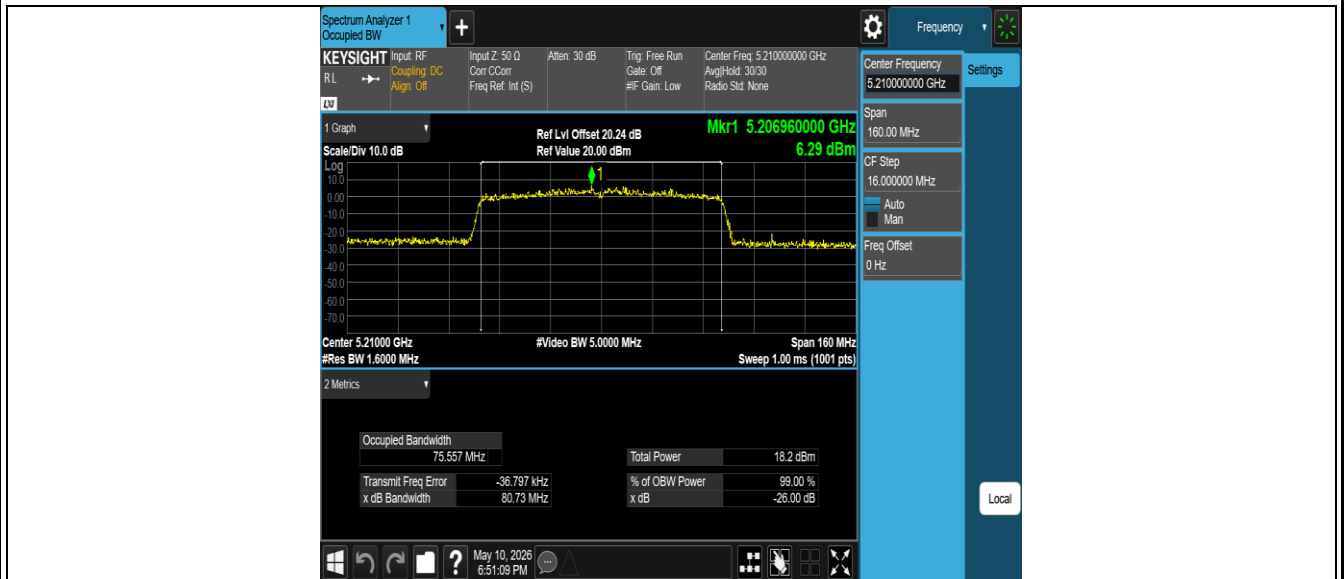
11AC40SISO_Ant1_5755



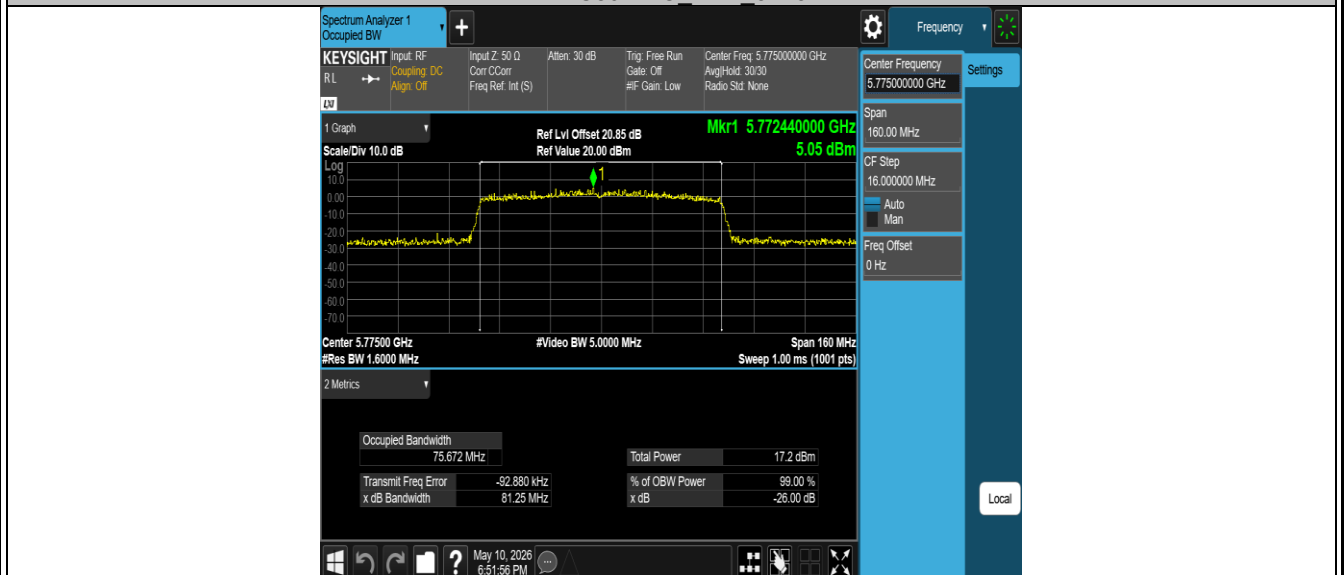
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO Ant1 5775



Appendix A.3: Test Results of 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.600	5737.040	5752.640	0.5	PASS
		5785	16.280	5776.760	5793.040	0.5	PASS
		5825	15.000	5817.400	5832.400	0.5	PASS
11N20SISO	Ant1	5745	16.560	5736.520	5753.080	0.5	PASS
		5785	17.320	5776.360	5793.680	0.5	PASS
		5825	17.480	5816.160	5833.640	0.5	PASS
11N40SISO	Ant1	5755	35.200	5737.560	5772.760	0.5	PASS
		5795	35.920	5776.760	5812.680	0.5	PASS
11AC20SISO	Ant1	5745	15.800	5737.400	5753.200	0.5	PASS
		5785	17.320	5776.120	5793.440	0.5	PASS
		5825	15.160	5817.680	5832.840	0.5	PASS
11AC40SISO	Ant1	5755	32.480	5739.960	5772.440	0.5	PASS
		5795	33.760	5778.600	5812.360	0.5	PASS
11AC80SISO	Ant1	5775	76.000	5736.760	5812.760	0.5	PASS

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825