

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2ARZ2-PIP226L

Company : Labpano Technology (Changzhou) Co., Ltd.

EUT : panox v5 lite

Model Number : PIP226L

Report No. : CTA26032602304

Reviewed By : Eric Wang

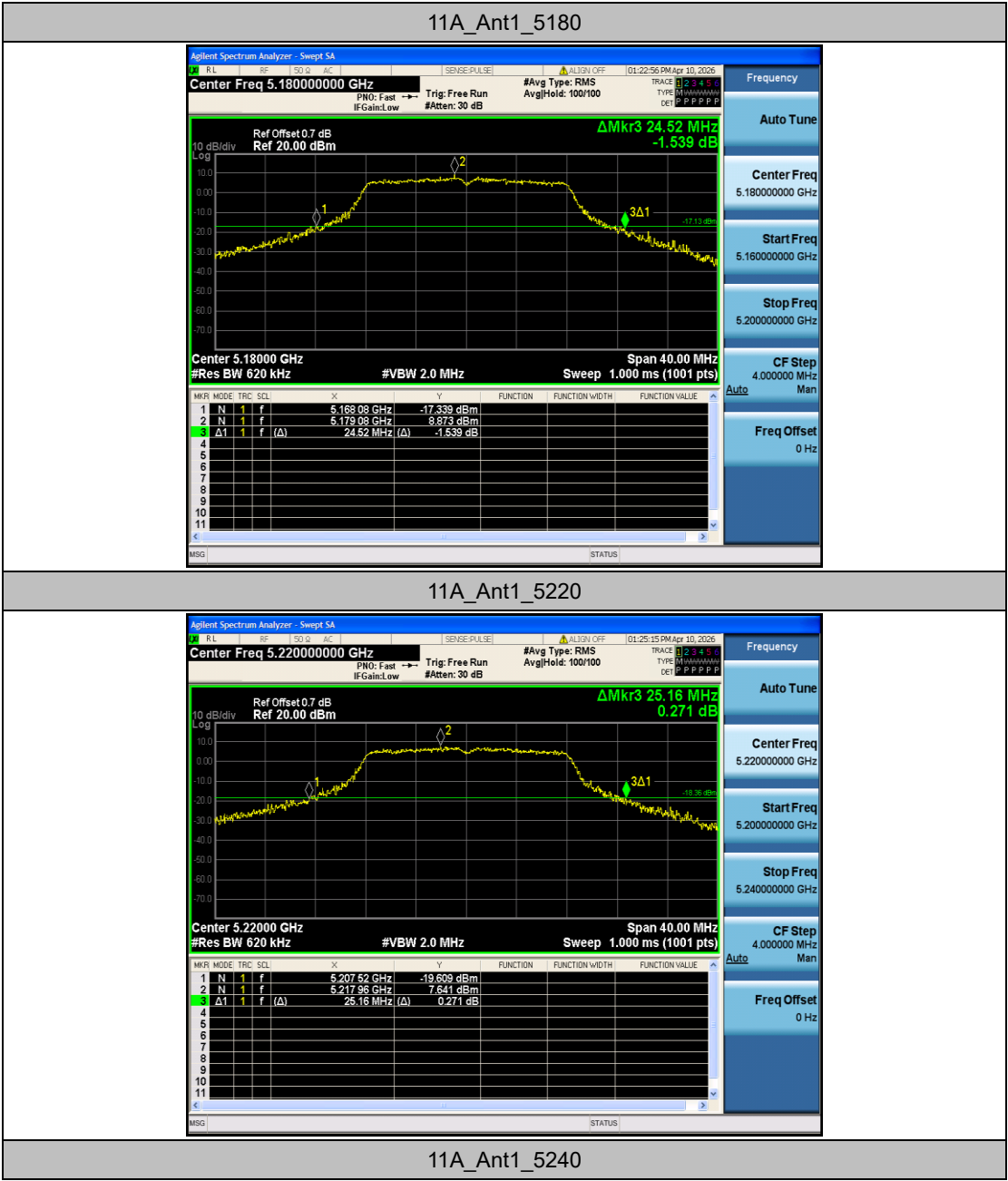
Appendix RF Test Data for 5GWIFI ANT1

Appendix A1: Emission Bandwidth

Test Result

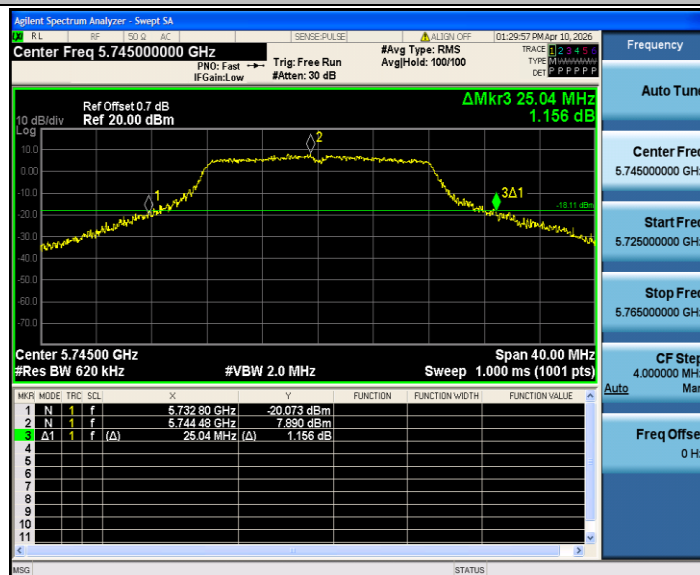
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.520	5168.080	5192.600	---	---
		5220	25.160	5207.520	5232.680	---	---
		5240	27.160	5225.800	5252.960	---	---
		5745	25.040	5732.800	5757.840	---	---
		5785	26.000	5772.960	5798.960	---	---
		5825	26.520	5812.160	5838.680	---	---
11N20SISO	Ant1	5180	24.840	5167.760	5192.600	---	---
		5220	26.440	5206.800	5233.240	---	---
		5240	26.560	5226.000	5252.560	---	---
		5745	25.040	5732.440	5757.480	---	---
		5785	25.560	5772.600	5798.160	---	---
		5825	28.040	5811.560	5839.600	---	---
11N40SISO	Ant1	5190	41.360	5169.200	5210.560	---	---
		5230	41.760	5209.040	5250.800	---	---
		5755	41.680	5734.440	5776.120	---	---
		5795	41.680	5774.360	5816.040	---	---
11AC20SISO	Ant1	5180	24.240	5168.120	5192.360	---	---
		5220	26.440	5206.760	5233.200	---	---
		5240	25.760	5227.400	5253.160	---	---
		5745	25.240	5732.680	5757.920	---	---
		5785	26.360	5772.920	5799.280	---	---
		5825	26.880	5812.280	5839.160	---	---
11AC40SISO	Ant1	5190	41.840	5169.120	5210.960	---	---
		5230	41.440	5209.440	5250.880	---	---
		5755	41.440	5734.360	5775.800	---	---
		5795	41.600	5774.200	5815.800	---	---
11AC80SISO	Ant1	5210	84.000	5168.080	5252.080	---	---
		5775	84.800	5732.600	5817.400	---	---

Test Graphs





11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



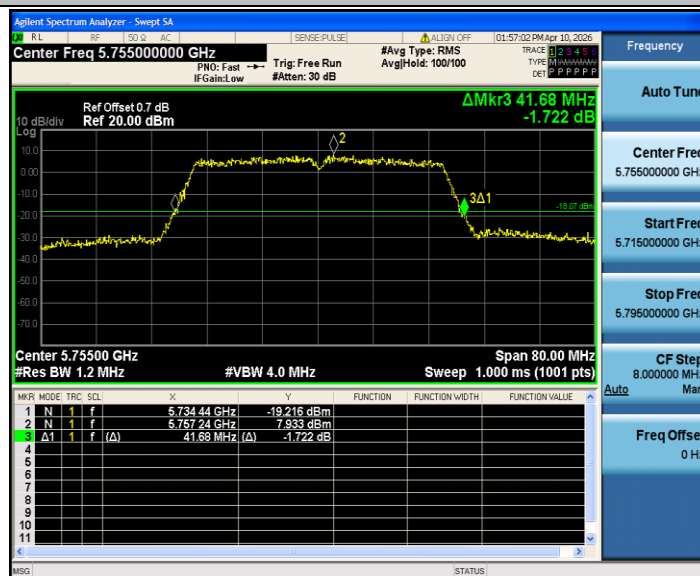
11N40SISO_Ant1_5190



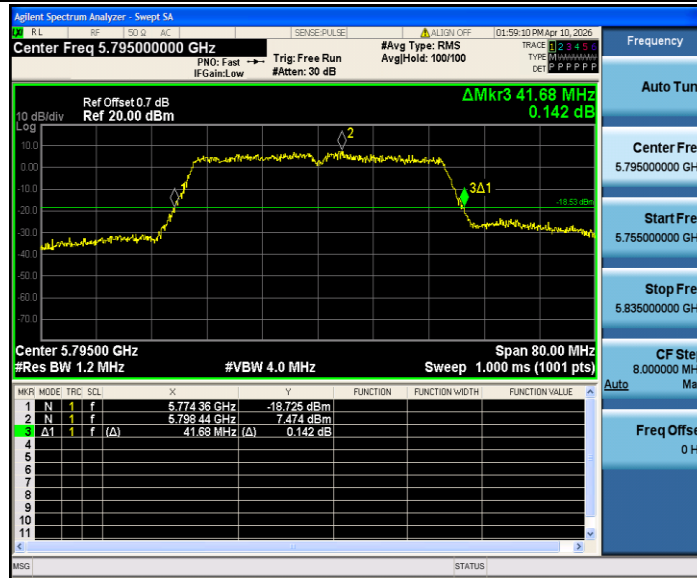
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



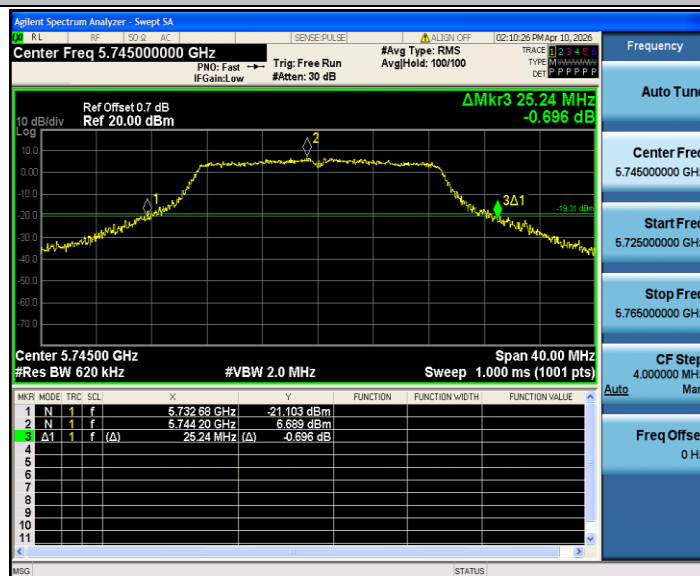
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



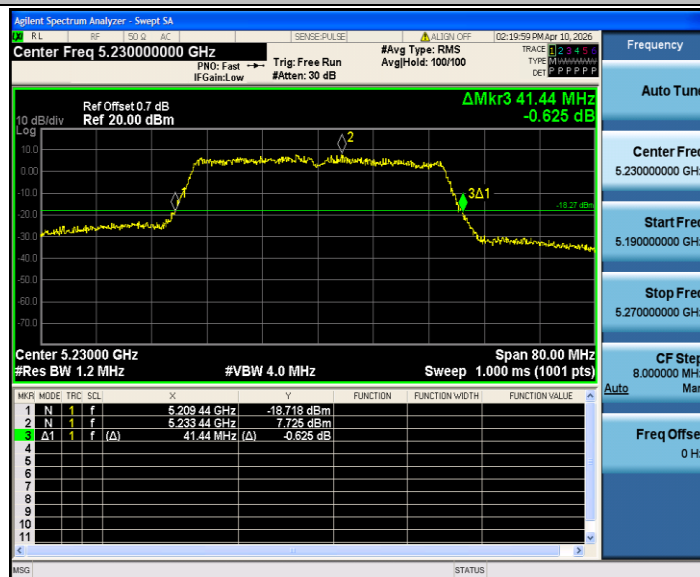
11AC20SISO_Ant1_5825



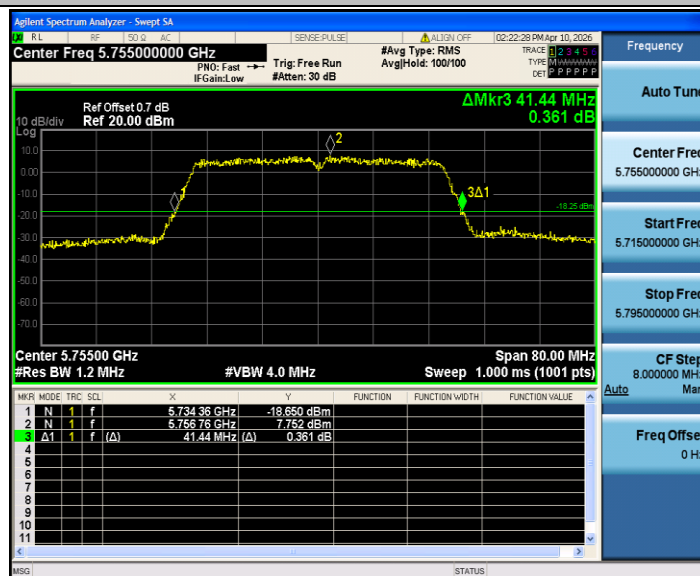
11AC40SISO_Ant1_5190



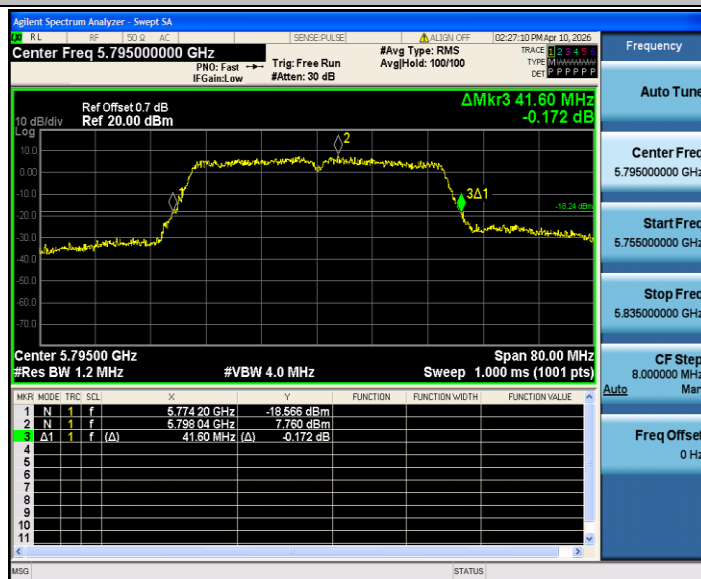
11AC40SISO_Ant1_5230



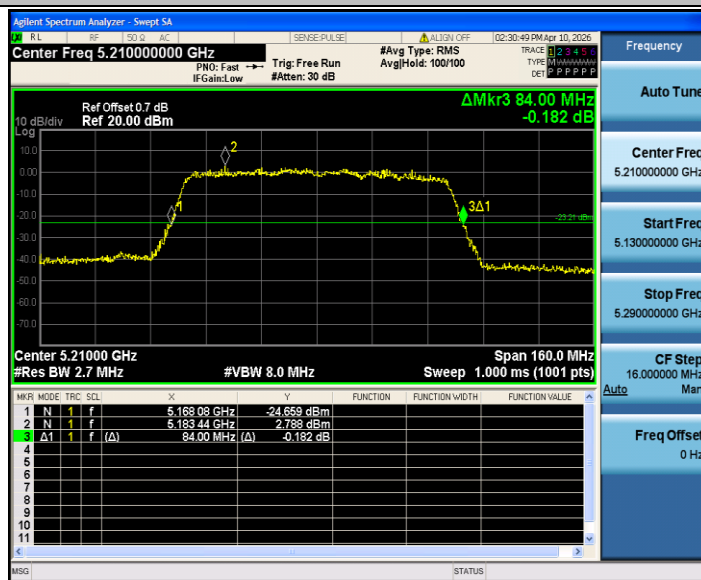
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

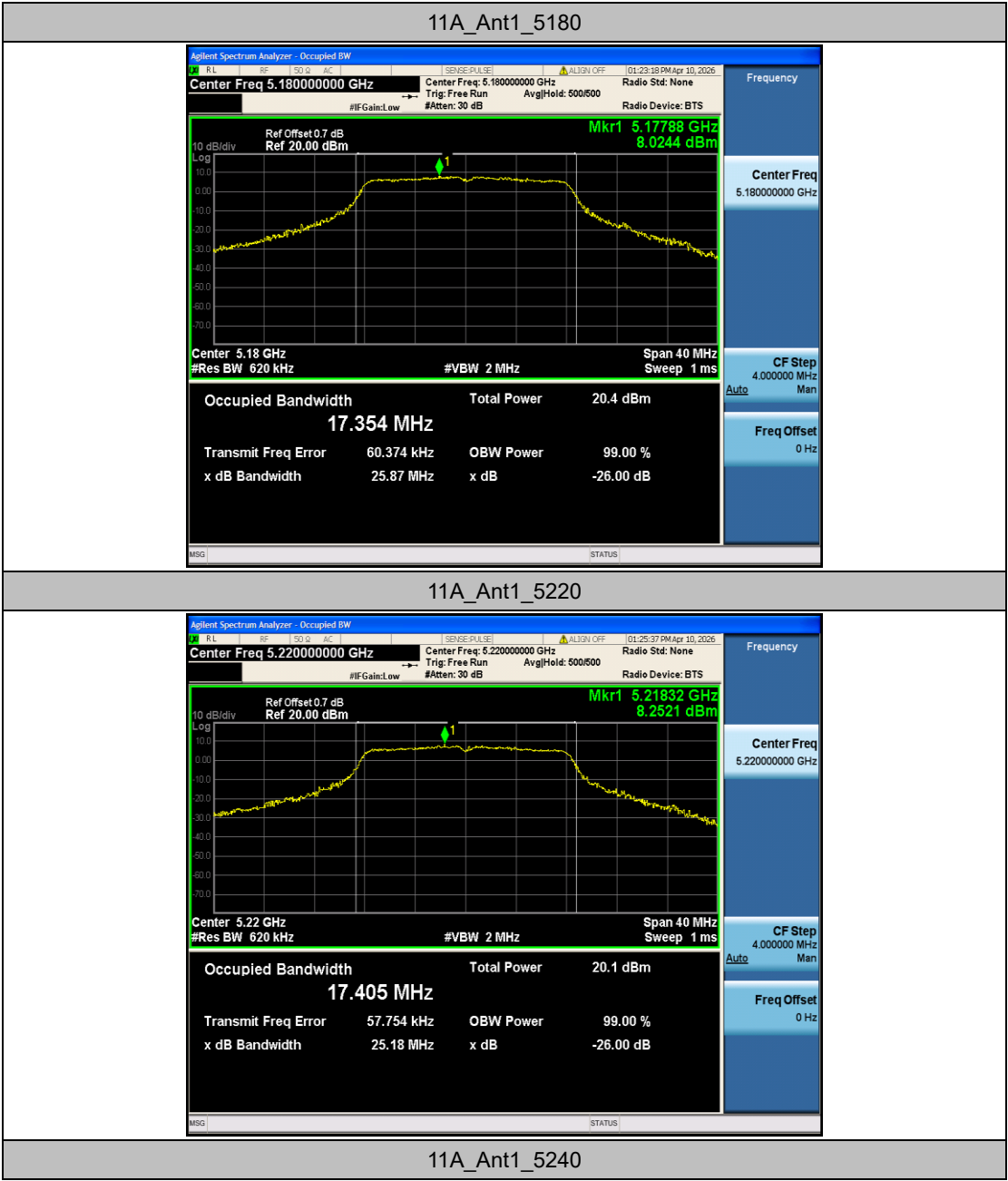


Appendix A2: Occupied channel bandwidth

Test Result

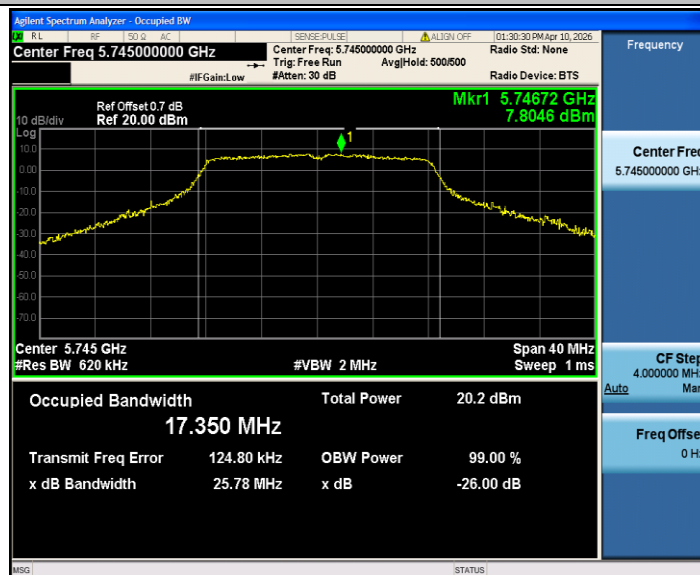
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.354	5171.3834	5188.7374	---	---
		5220	17.405	5211.3553	5228.7603	---	---
		5240	17.520	5231.2629	5248.7829	---	---
		5745	17.350	5736.4498	5753.7998	---	---
		5785	17.505	5776.4001	5793.9051	---	---
		5825	17.613	5816.2876	5833.9006	---	---
11N20SISO	Ant1	5180	18.425	5170.8652	5189.2902	---	---
		5220	18.473	5210.8290	5229.3020	---	---
		5240	18.507	5230.7853	5249.2923	---	---
		5745	18.498	5735.8835	5754.3815	---	---
		5785	18.587	5775.8870	5794.4740	---	---
		5825	18.656	5815.7853	5834.4413	---	---
11N40SISO	Ant1	5190	36.562	5171.7827	5208.3447	---	---
		5230	36.651	5211.7494	5248.4004	---	---
		5755	36.574	5736.8708	5773.4448	---	---
		5795	36.604	5776.8503	5813.4543	---	---
11AC20SISO	Ant1	5180	18.392	5170.8834	5189.2754	---	---
		5220	18.507	5210.8098	5229.3168	---	---
		5240	18.489	5230.8050	5249.2940	---	---
		5745	18.400	5735.9190	5754.3190	---	---
		5785	18.449	5775.9256	5794.3746	---	---
		5825	18.565	5815.8503	5834.4153	---	---
11AC40SISO	Ant1	5190	36.583	5171.7675	5208.3505	---	---
		5230	36.636	5211.7291	5248.3651	---	---
		5755	36.608	5736.8220	5773.4300	---	---
		5795	36.573	5776.8577	5813.4307	---	---
11AC80SISO	Ant1	5210	75.928	5171.9181	5247.8461	---	---
		5775	76.011	5737.0799	5813.0909	---	---

Test Graphs

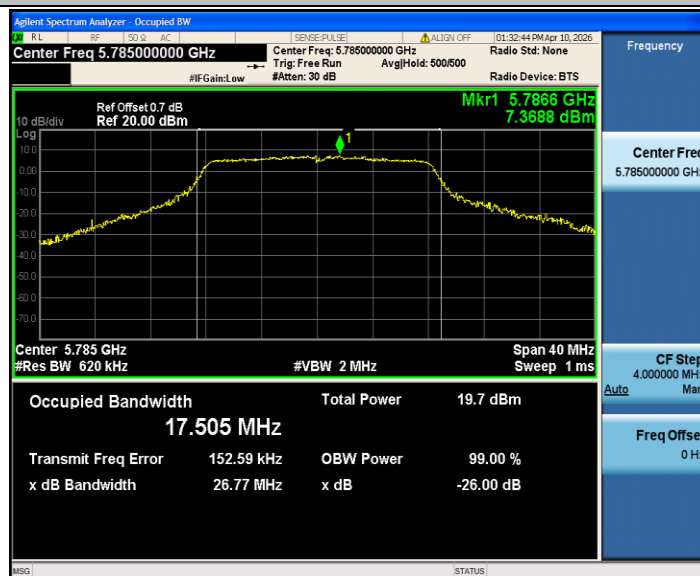




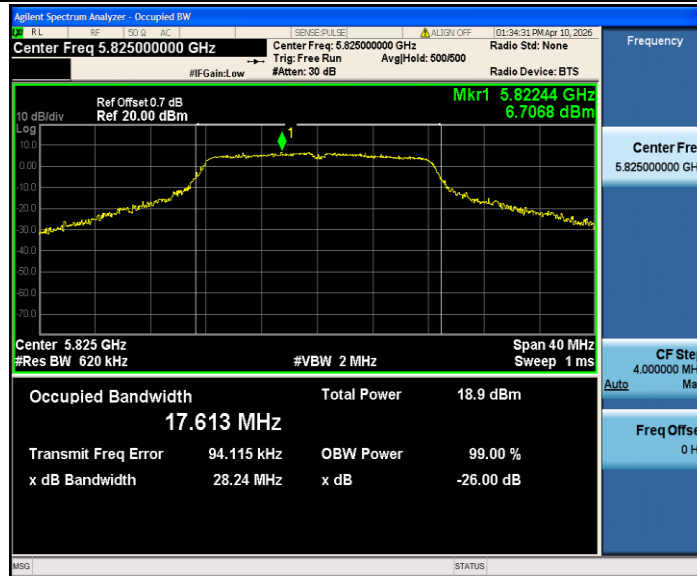
11A_Ant1_5745



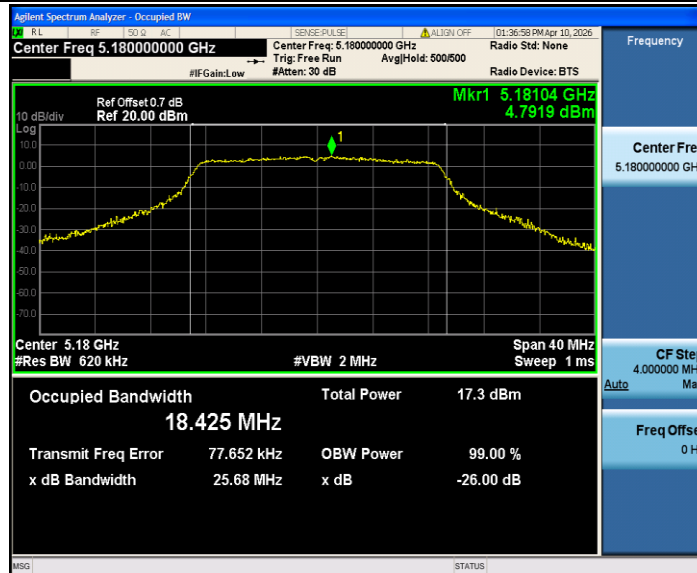
11A_Ant1_5785



11A_Ant1_5825



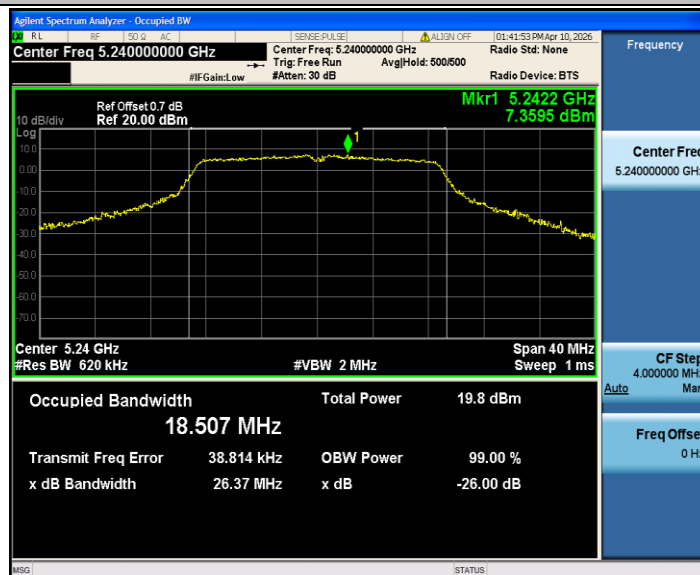
11N20SISO_Ant1_5180



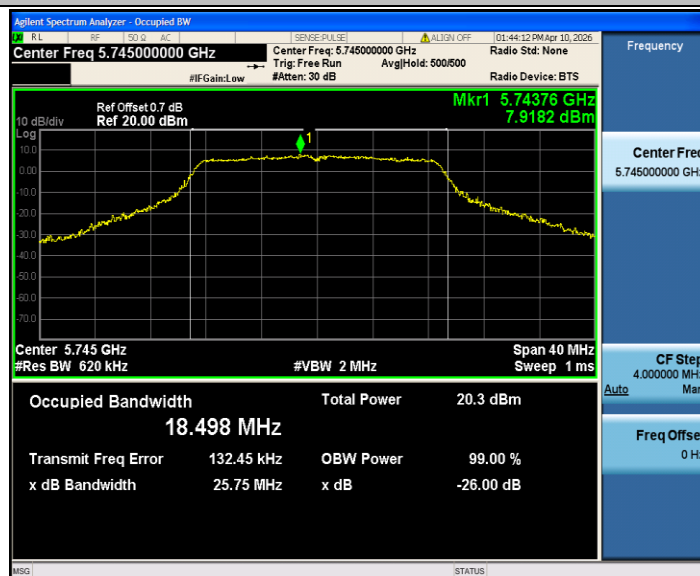
11N20SISO_Ant1_5220



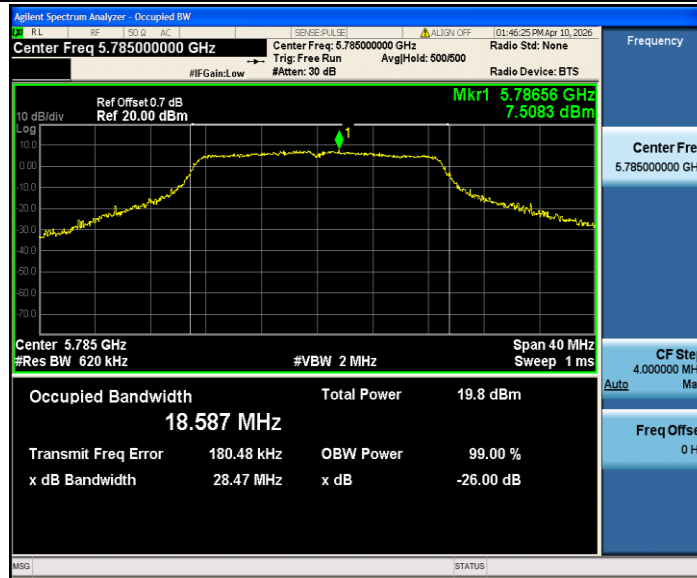
11N20SISO_Ant1_5240



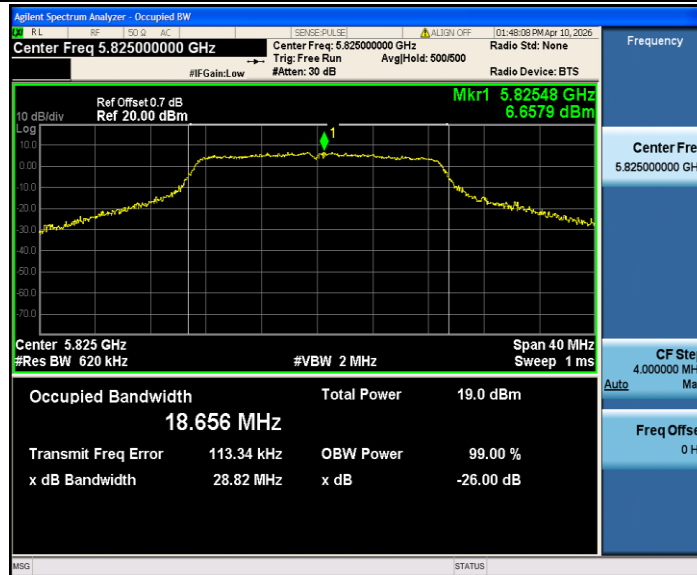
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



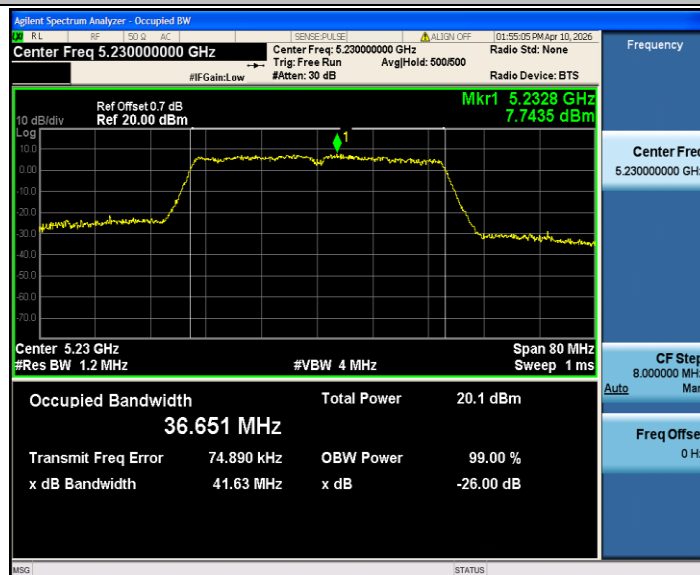
11N20SISO_Ant1_5825



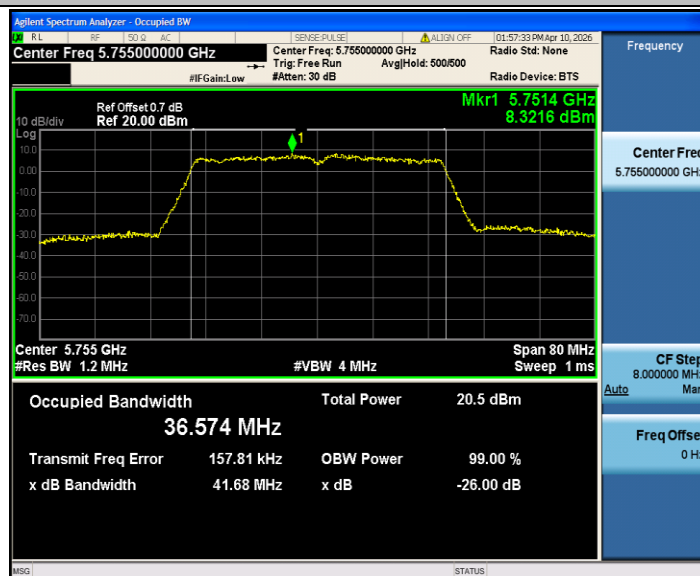
11N40SISO_Ant1_5190



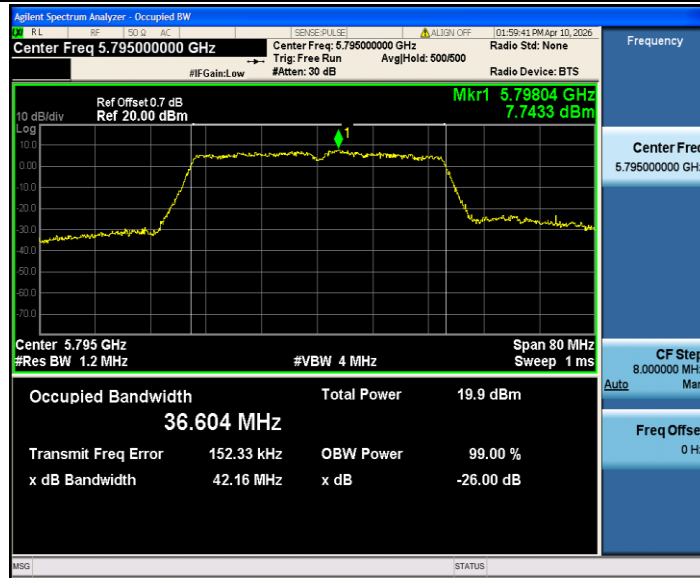
11N40SISO_Ant1_5230



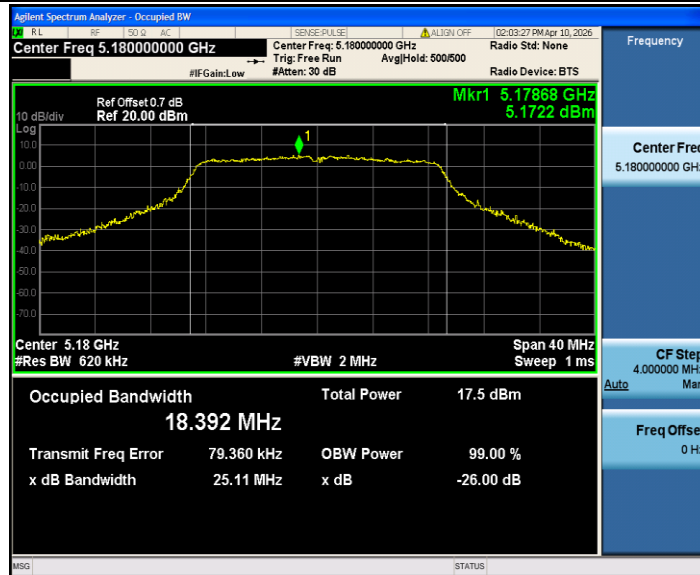
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



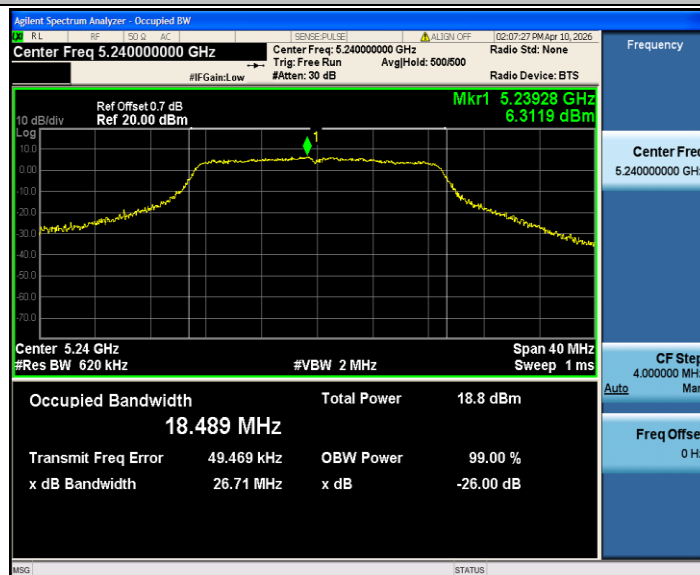
11AC20SISO_Ant1_5180



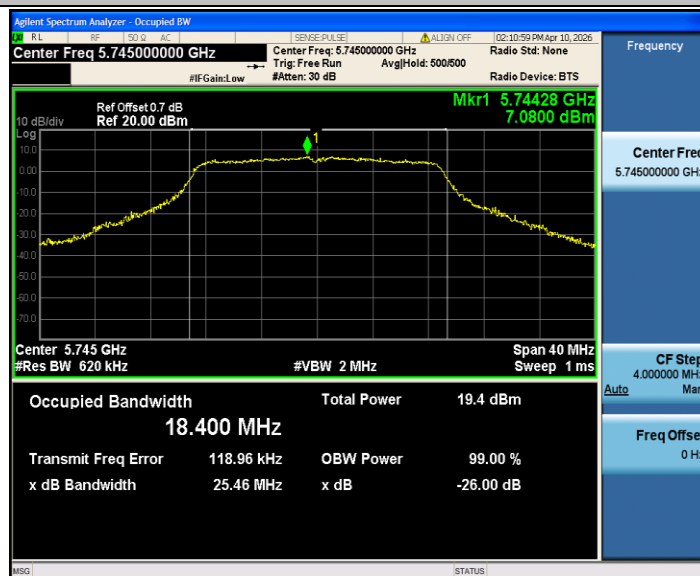
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



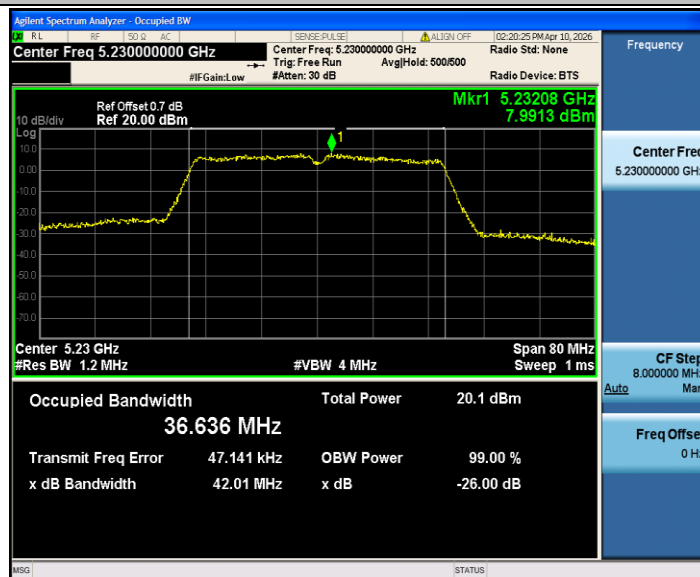
11AC20SISO_Ant1_5825



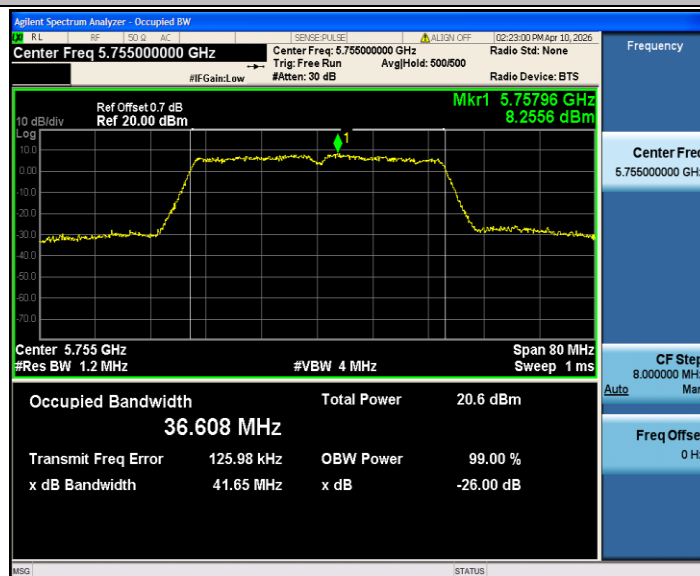
11AC40SISO_Ant1_5190



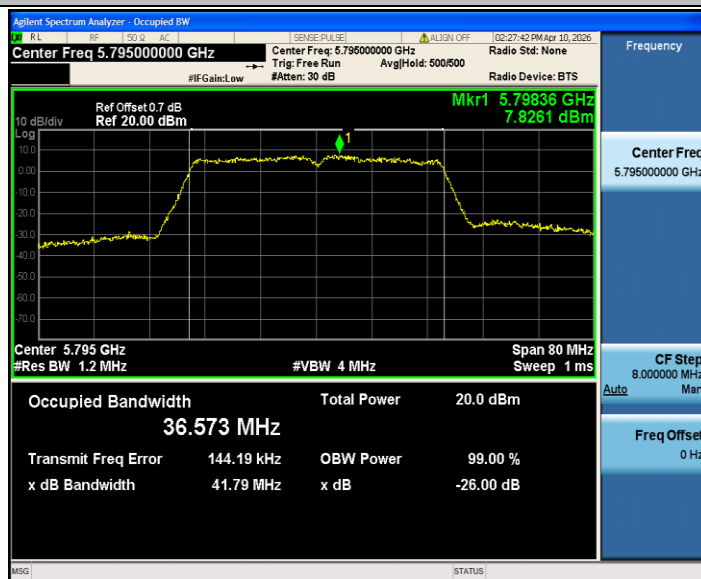
11AC40SISO_Ant1_5230



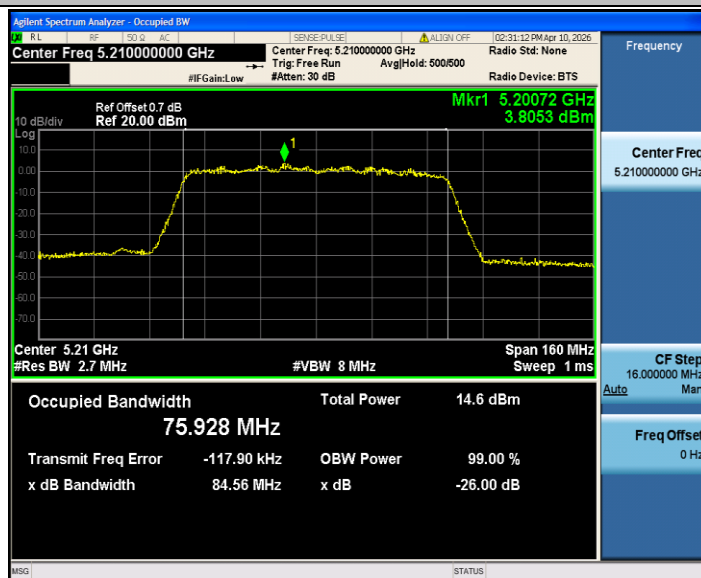
11AC40SISO_Ant1_5755



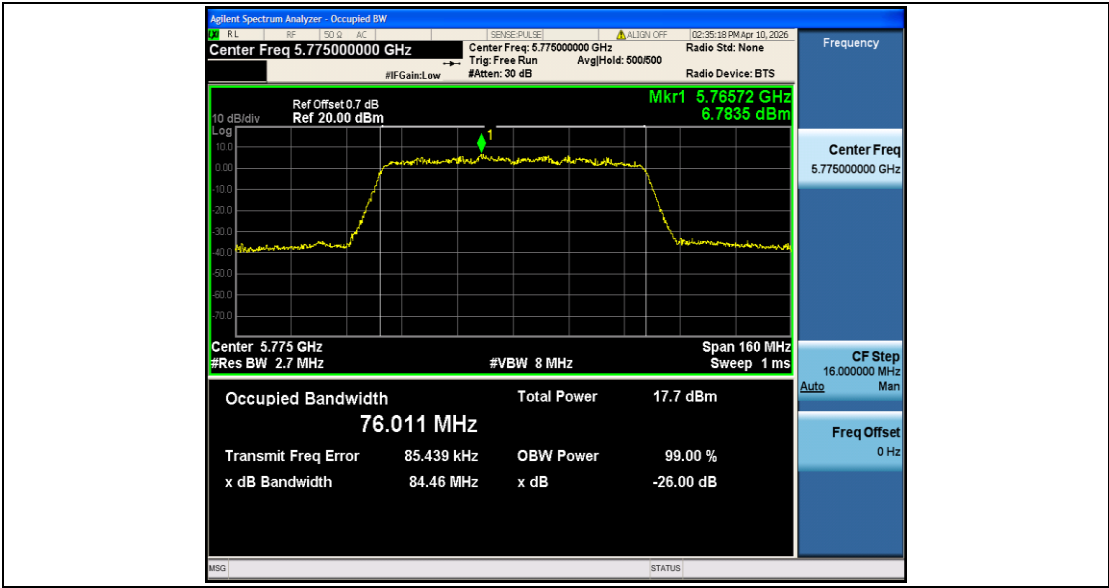
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

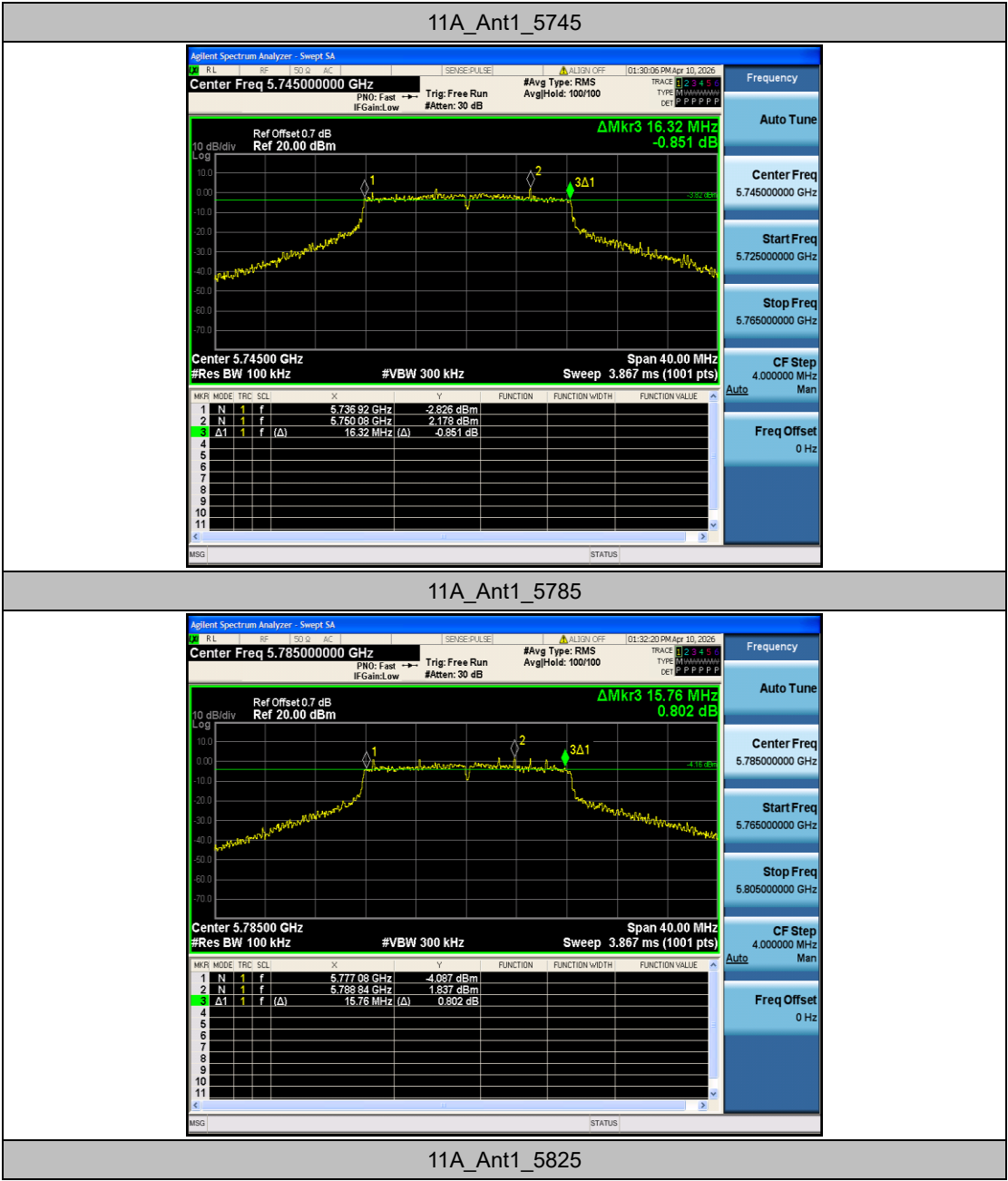


Appendix A3: Min emission bandwidth

Test Result B4

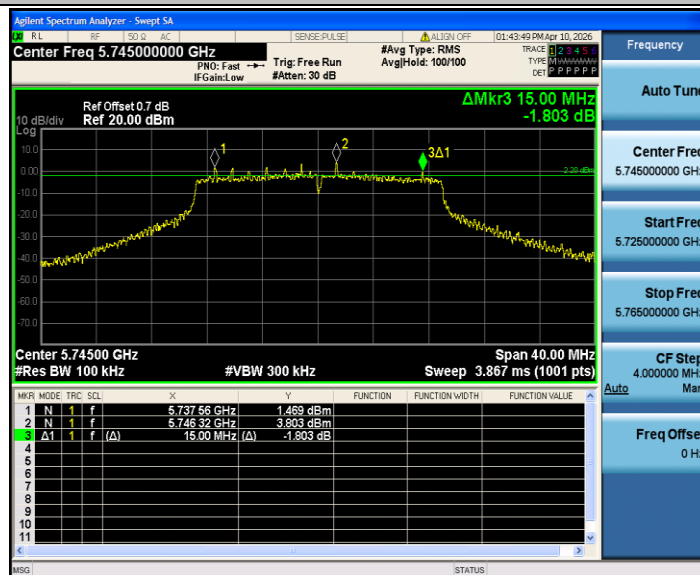
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.920	5753.240	0.5	PASS
		5785	15.760	5777.080	5792.840	0.5	PASS
		5825	15.760	5817.200	5832.960	0.5	PASS
11N20SISO	Ant1	5745	15.000	5737.560	5752.560	0.5	PASS
		5785	17.520	5776.320	5793.840	0.5	PASS
		5825	16.680	5816.320	5833.000	0.5	PASS
11N40SISO	Ant1	5755	35.040	5737.560	5772.600	0.5	PASS
		5795	35.280	5777.320	5812.600	0.5	PASS
11AC20SISO	Ant1	5745	17.160	5736.320	5753.480	0.5	PASS
		5785	14.960	5777.720	5792.680	0.5	PASS
		5825	16.240	5816.600	5832.840	0.5	PASS
11AC40SISO	Ant1	5755	35.920	5736.920	5772.840	0.5	PASS
		5795	35.120	5777.560	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.560	5812.600	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



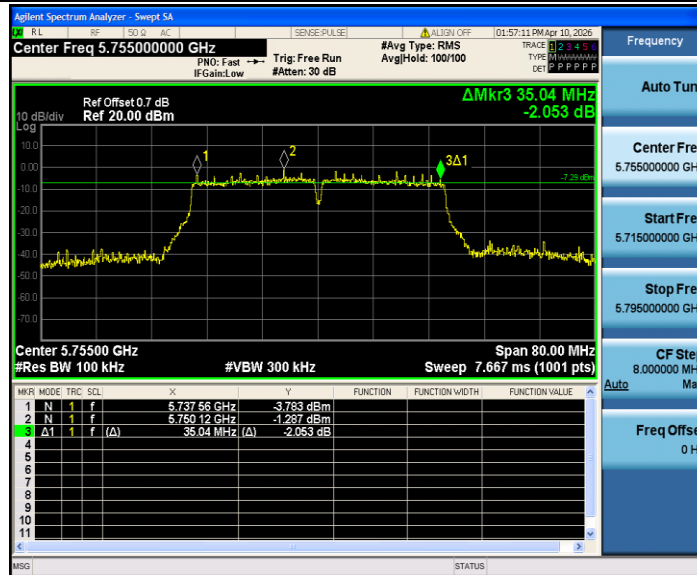
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

