

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2AUCA-808-4X

Company : 8 Limited

EUT : 8 inch Touchscreen Controller

Model Number : 808-4x

Report No. : CTA25090501004

Reviewed By : Eric Wang

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.760	5169.200	5190.960	---	---
		5220	22.560	5208.640	5231.200	---	---
		5240	21.760	5229.320	5251.080	---	---
		5745	22.600	5733.560	5756.160	---	---
		5785	22.640	5773.960	5796.600	---	---
		5825	22.920	5813.480	5836.400	---	---
11N20SISO	Ant1	5180	21.840	5169.120	5190.960	---	---
		5220	22.200	5208.960	5231.160	---	---
		5240	22.400	5228.960	5251.360	---	---
		5745	23.120	5733.600	5756.720	---	---
		5785	22.200	5773.880	5796.080	---	---
		5825	23.880	5812.800	5836.680	---	---
11N40SISO	Ant1	5190	42.240	5168.880	5211.120	---	---
		5230	42.720	5208.560	5251.280	---	---
		5755	43.920	5732.920	5776.840	---	---
		5795	42.320	5774.040	5816.360	---	---
11AC20SISO	Ant1	5180	22.160	5168.960	5191.120	---	---
		5220	23.040	5208.640	5231.680	---	---
		5240	22.240	5228.720	5250.960	---	---
		5745	23.000	5733.480	5756.480	---	---
		5785	22.760	5773.520	5796.280	---	---
		5825	25.160	5812.360	5837.520	---	---
11AC40SISO	Ant1	5190	42.080	5169.280	5211.360	---	---
		5230	43.280	5207.840	5251.120	---	---
		5755	49.120	5730.120	5779.240	---	---
		5795	48.160	5769.880	5818.040	---	---
11AX20SISO	Ant1	5180	23.400	5167.960	5191.360	---	---
		5220	23.880	5209.240	5233.120	---	---
		5240	27.760	5227.120	5254.880	---	---
		5745	27.480	5732.600	5760.080	---	---
		5785	28.520	5772.240	5800.760	---	---
		5825	26.880	5810.360	5837.240	---	---
11AX40SISO	Ant1	5190	47.440	5165.520	5212.960	---	---
		5230	44.240	5207.760	5252.000	---	---
		5755	48.560	5729.560	5778.120	---	---
		5795	50.480	5769.560	5820.040	---	---

Test Graphs





11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



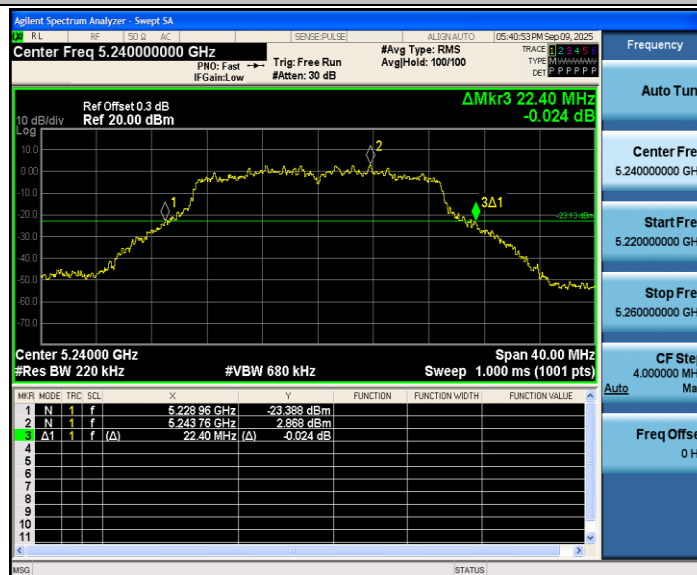
11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



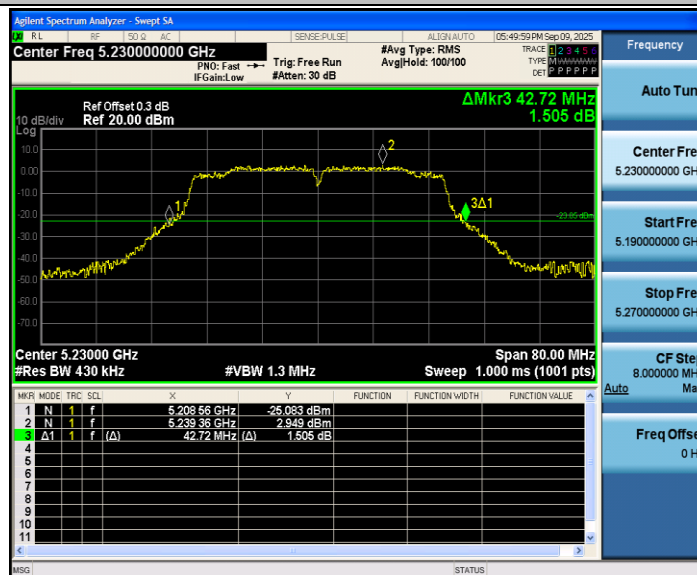
11N20SISO_Ant1_5825



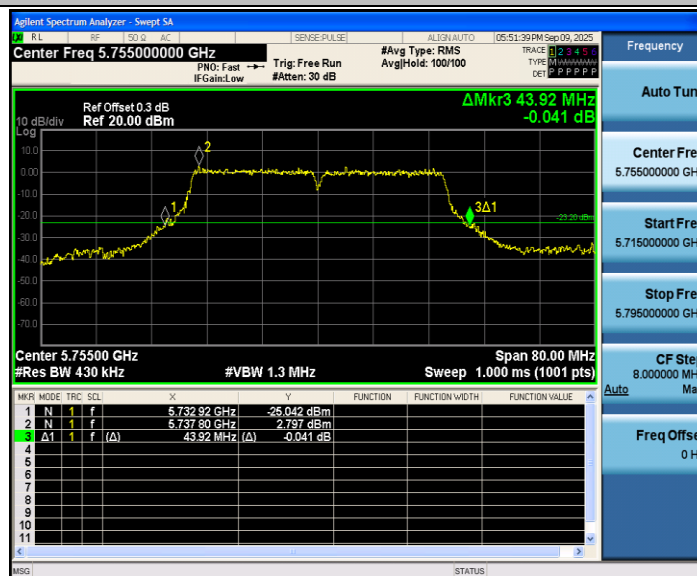
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



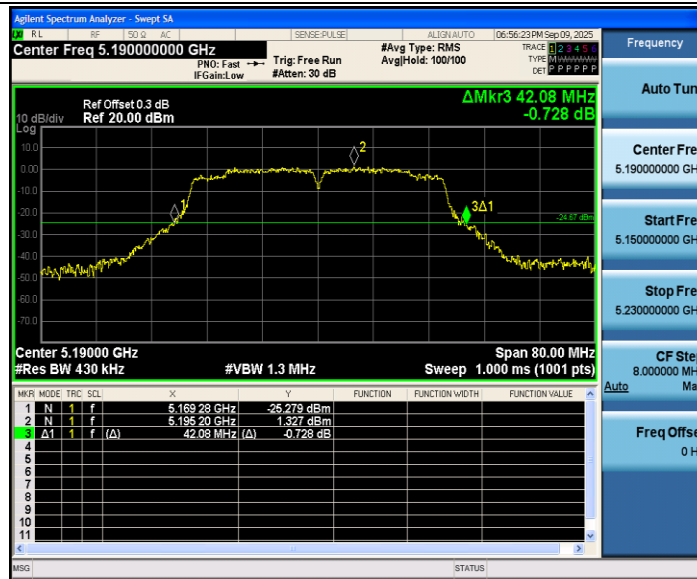
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



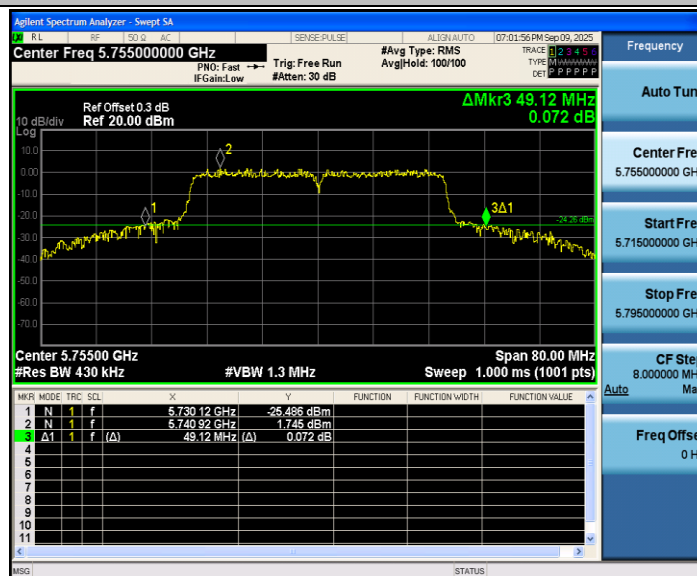
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

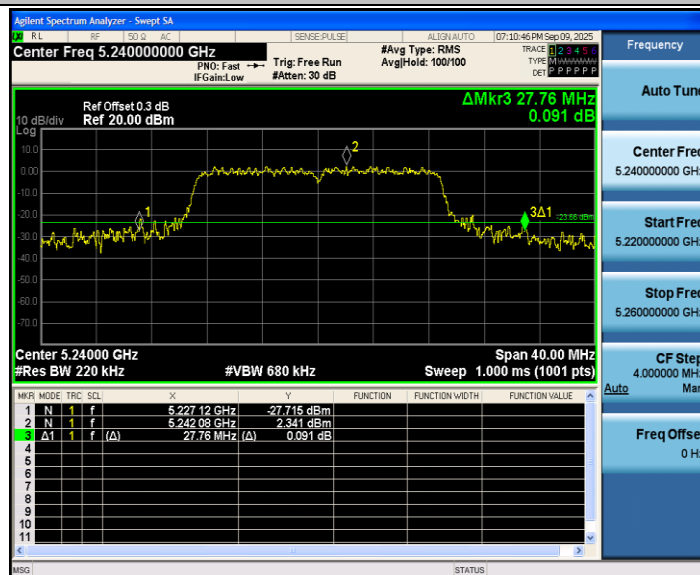


11AC40SISO_Ant1_5755

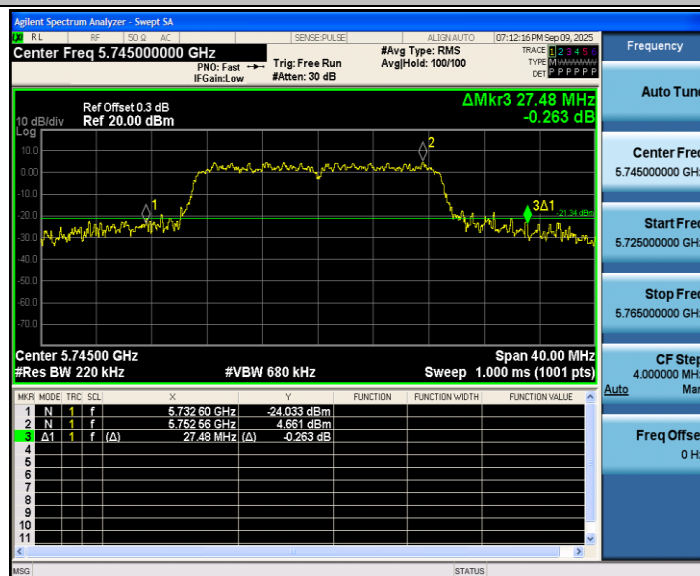




11AX20SISO_Ant1_5240



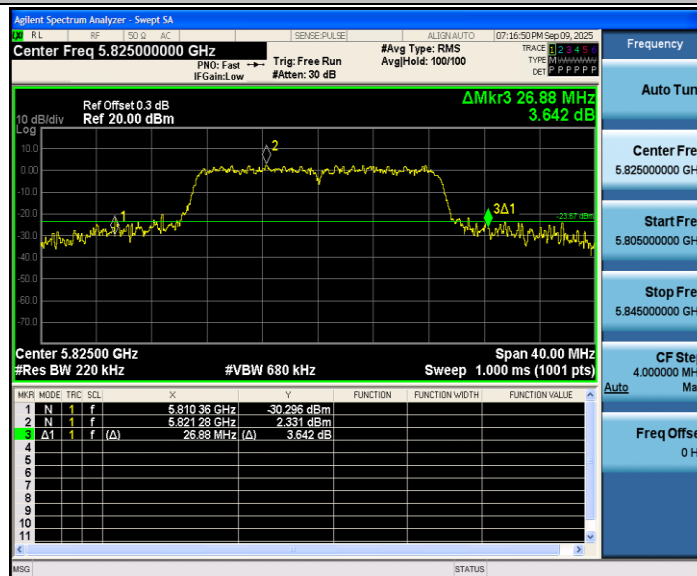
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



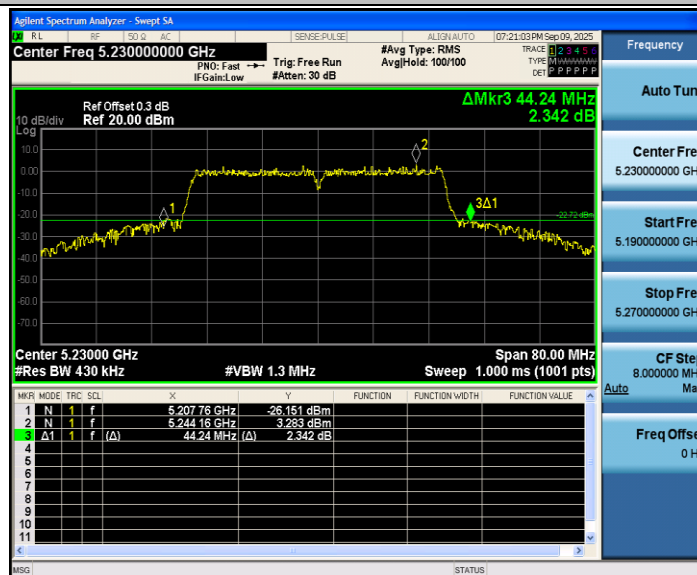
11AX20SISO_Ant1_5825



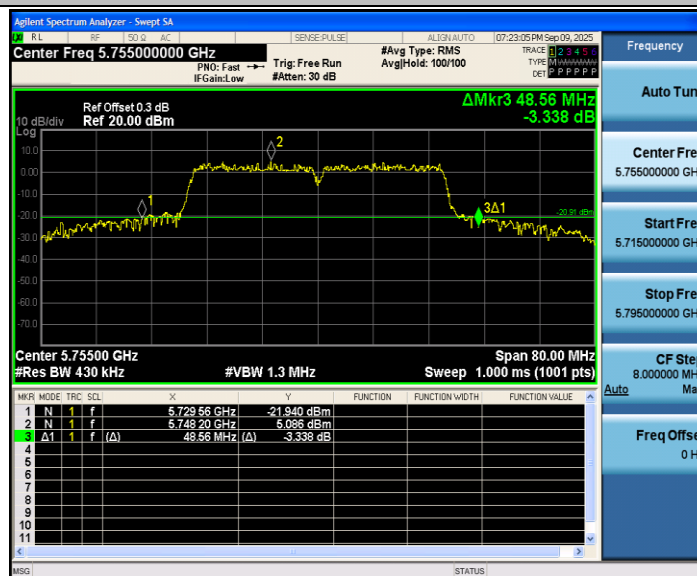
11AX40SISO_Ant1_5190



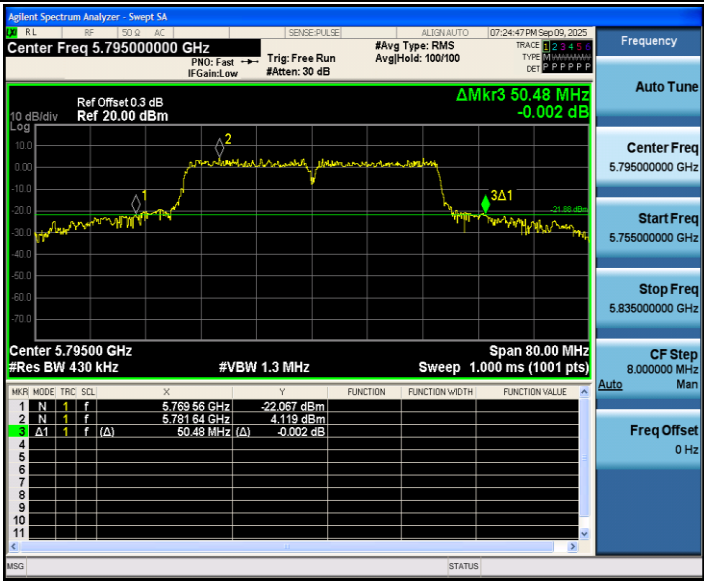
11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

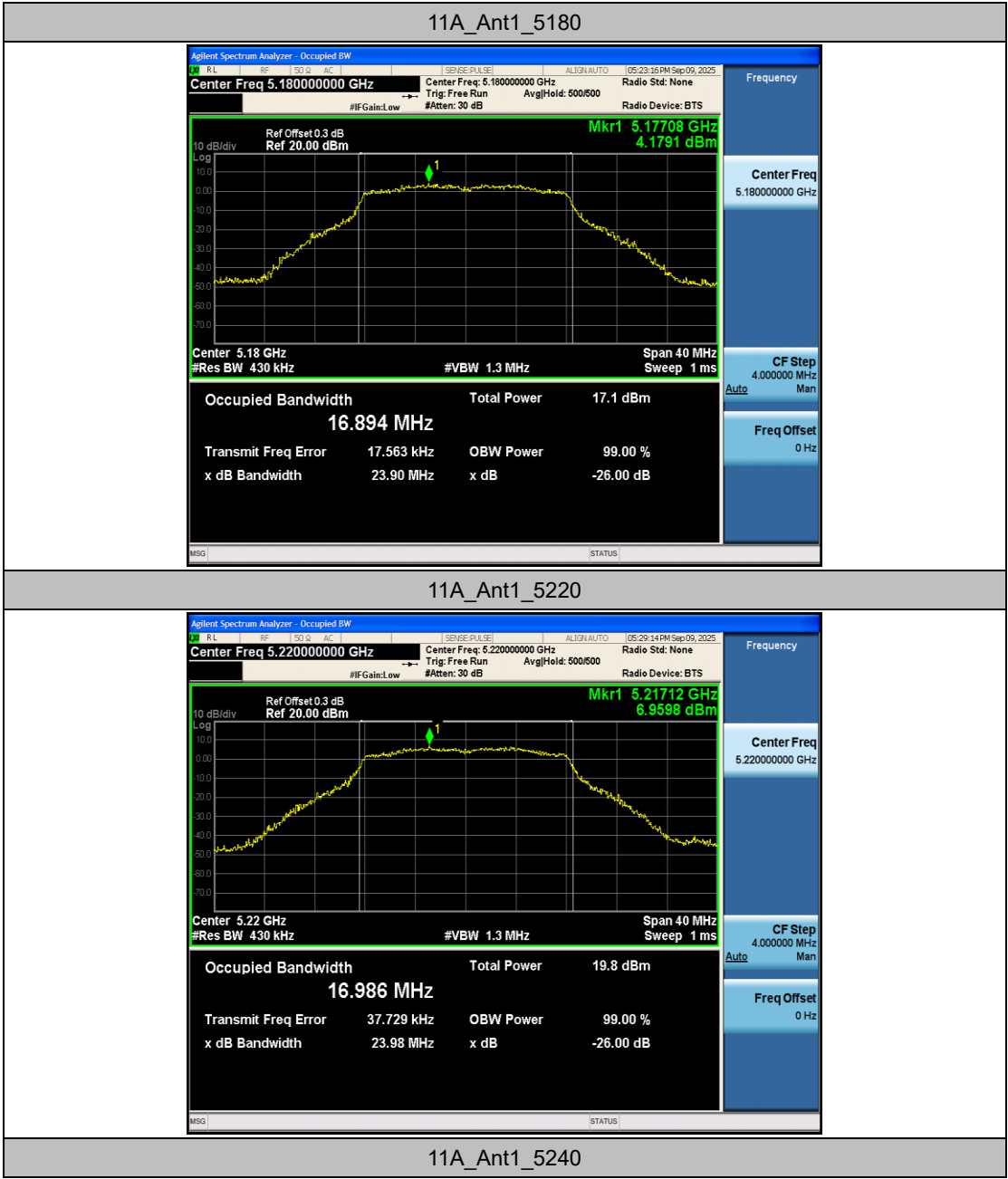


Appendix A2: Occupied channel bandwidth

Test Result

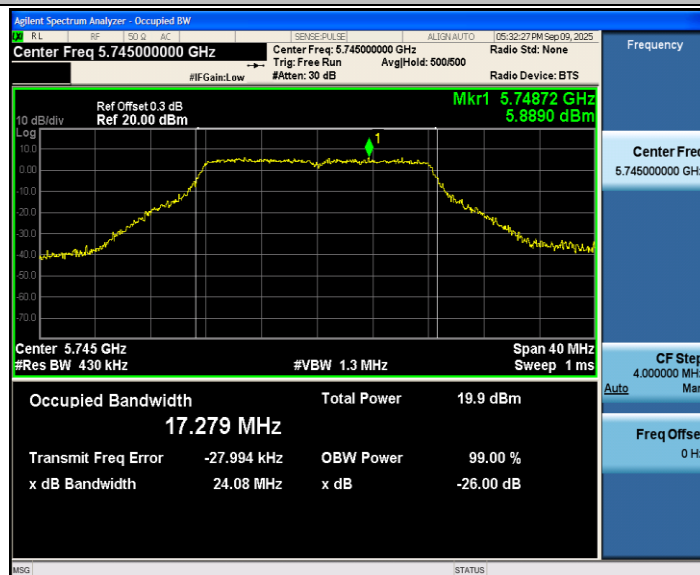
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.894	5171.5706	5188.4646	---	---
		5220	16.986	5211.5447	5228.5307	---	---
		5240	16.971	5231.5648	5248.5358	---	---
		5745	17.279	5736.3325	5753.6115	---	---
		5785	17.240	5776.4441	5793.6841	---	---
		5825	17.310	5816.3314	5833.6414	---	---
11N20SISO	Ant1	5180	17.953	5171.0047	5188.9577	---	---
		5220	18.088	5210.9870	5229.0750	---	---
		5240	18.005	5230.9890	5248.9940	---	---
		5745	18.333	5735.7920	5754.1250	---	---
		5785	18.349	5775.8687	5794.2177	---	---
		5825	18.342	5815.7935	5834.1355	---	---
11N40SISO	Ant1	5190	36.198	5171.9886	5208.1866	---	---
		5230	36.190	5211.9622	5248.1522	---	---
		5755	36.820	5736.6193	5773.4393	---	---
		5795	36.669	5776.8174	5813.4864	---	---
11AC20SISO	Ant1	5180	17.984	5171.0231	5189.0071	---	---
		5220	18.037	5211.0076	5229.0446	---	---
		5240	18.001	5230.9947	5248.9957	---	---
		5745	18.285	5735.8328	5754.1178	---	---
		5785	18.350	5775.8581	5794.2081	---	---
		5825	18.478	5815.7650	5834.2430	---	---
11AC40SISO	Ant1	5190	36.132	5172.0018	5208.1338	---	---
		5230	36.343	5211.8734	5248.2164	---	---
		5755	36.769	5736.6123	5773.3813	---	---
		5795	36.692	5776.6672	5813.3592	---	---
11AX20SISO	Ant1	5180	17.960	5171.0651	5189.0251	---	---
		5220	17.904	5211.1089	5229.0129	---	---
		5240	18.010	5231.0408	5249.0508	---	---
		5745	18.057	5736.0247	5754.0817	---	---
		5785	17.947	5776.1036	5794.0506	---	---
		5825	18.004	5816.0202	5834.0242	---	---
11AX40SISO	Ant1	5190	36.673	5171.7270	5208.4000	---	---
		5230	36.686	5211.6993	5248.3853	---	---
		5755	36.858	5736.5562	5773.4142	---	---
		5795	36.736	5776.6146	5813.3506	---	---

Test Graphs

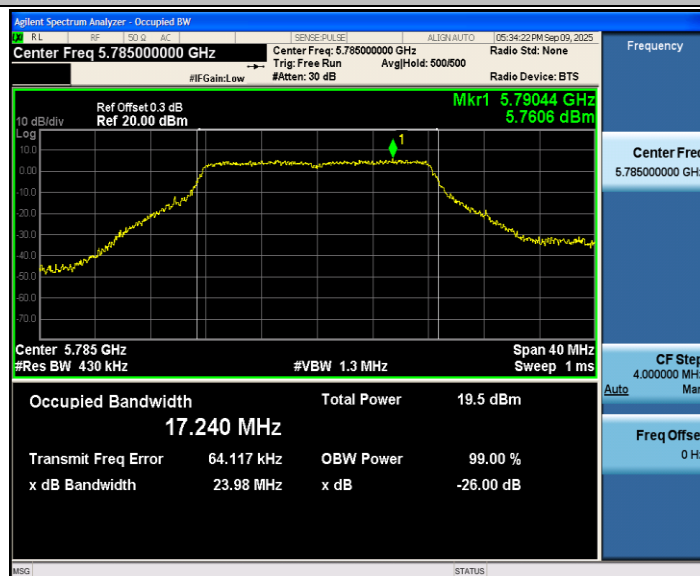




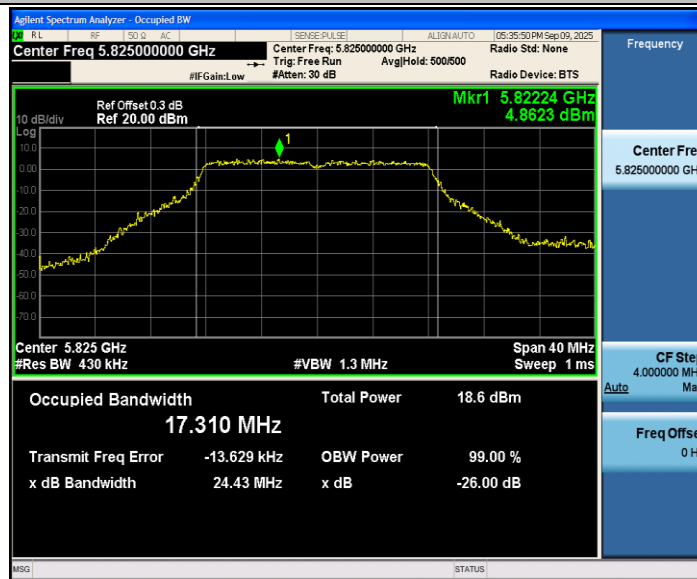
11A_Ant1_5745



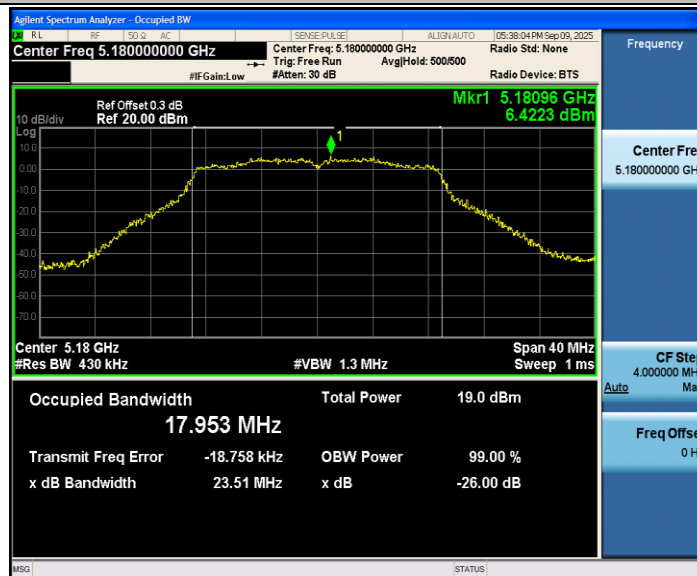
11A_Ant1_5785



11A_Ant1_5825



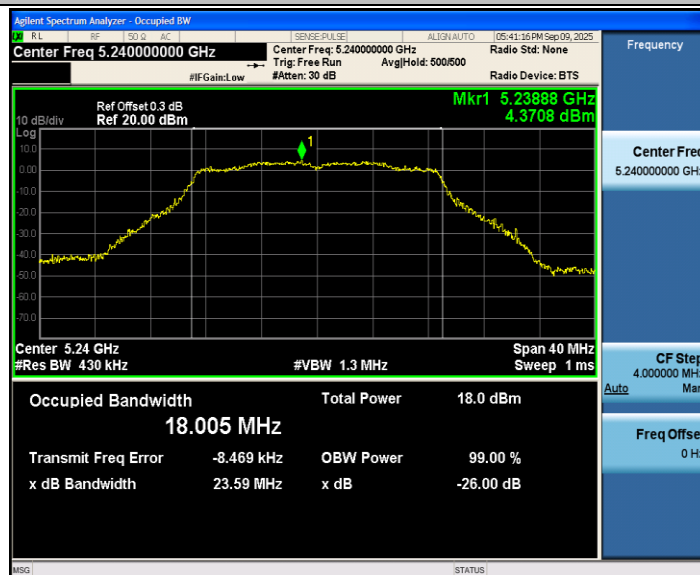
11N20SISO_Ant1_5180



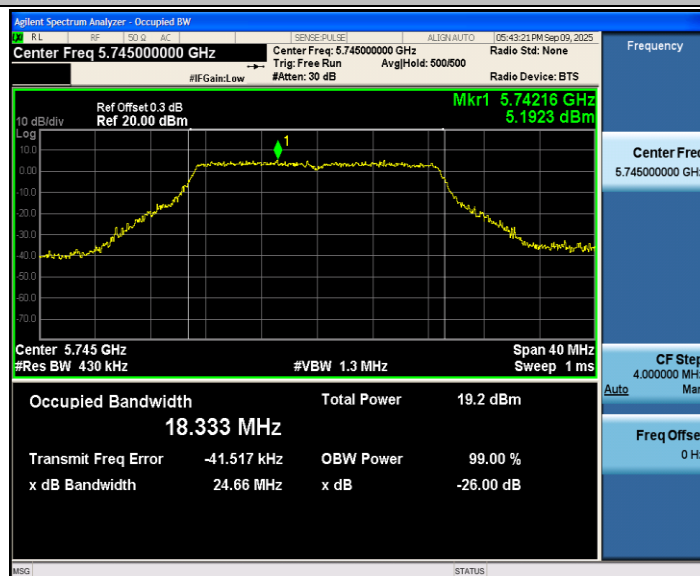
11N20SISO_Ant1_5220



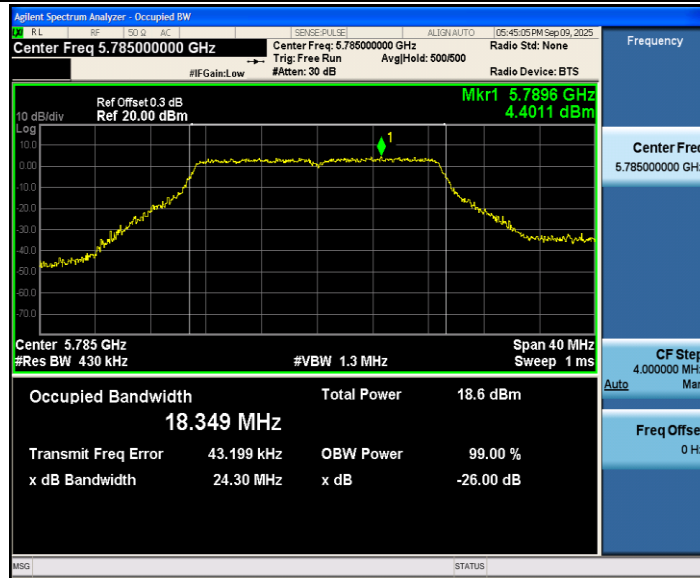
11N20SISO_Ant1_5240



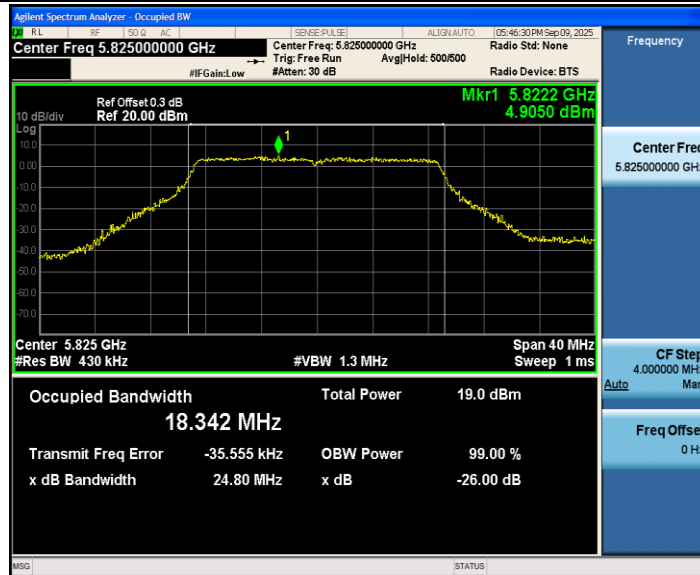
11N20SISO_Ant1_5745



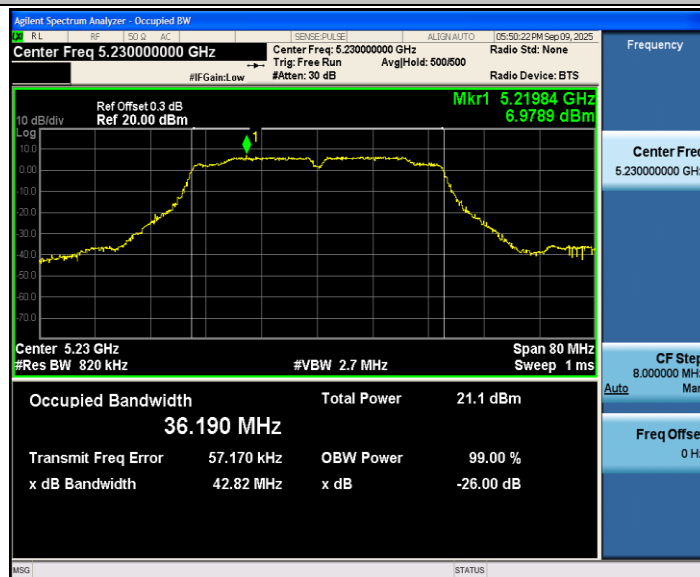
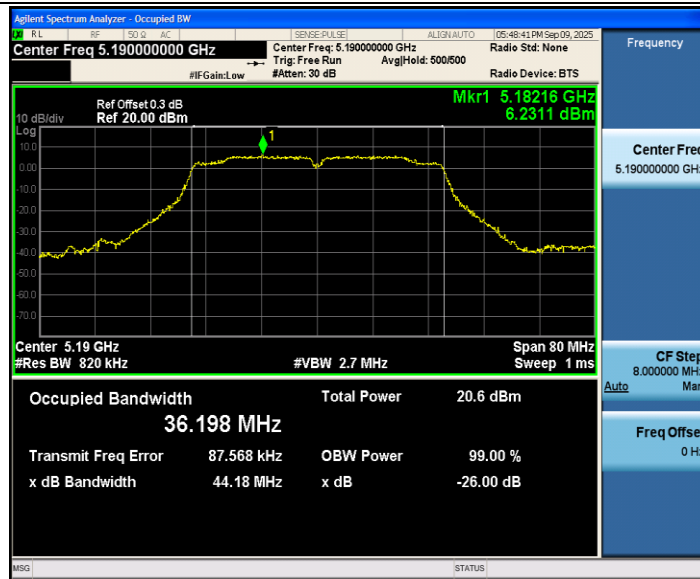
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



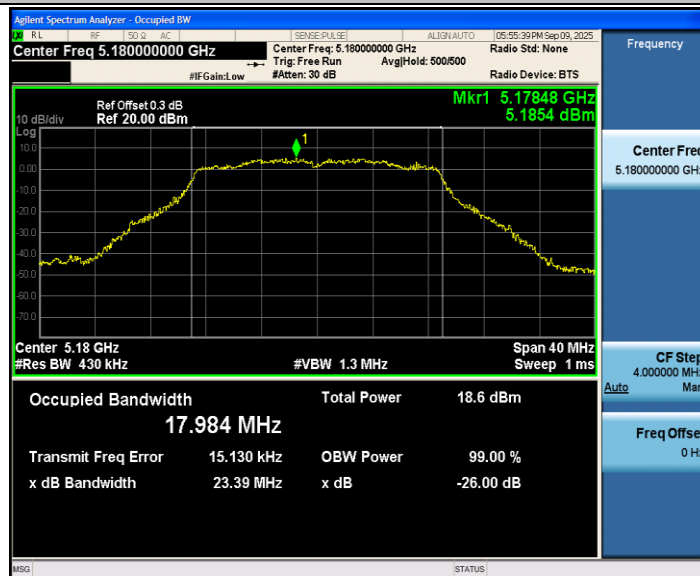
11N40SISO_Ant1_5190



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



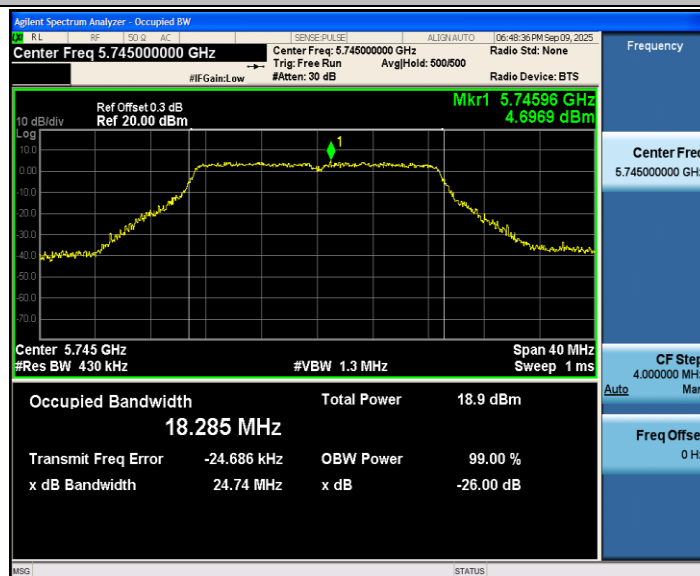
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



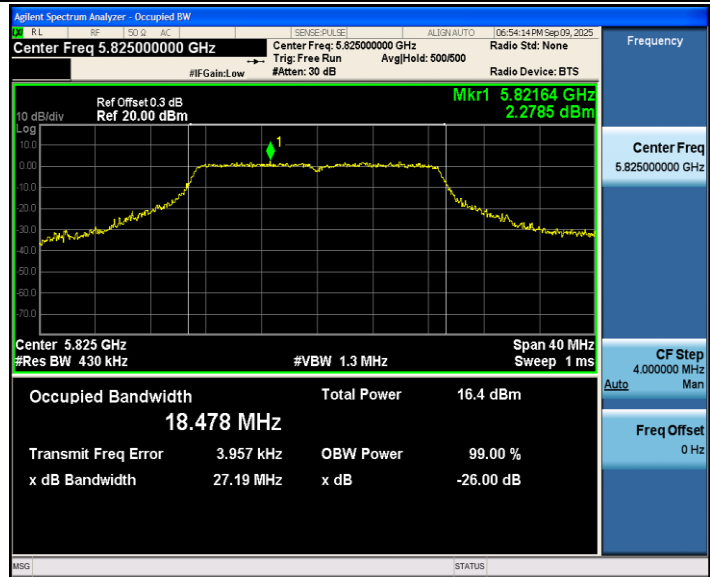
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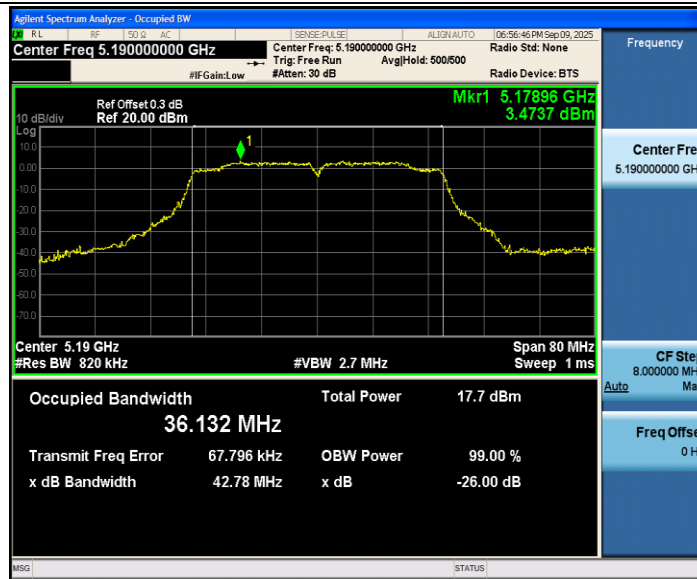
11AC20SISO_Ant1_5785



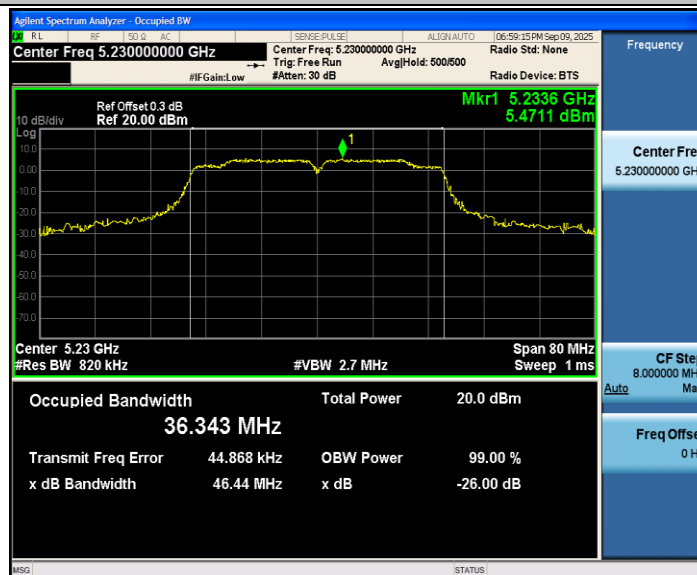
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755

