

FCC Appendix RF Test Data

FCC ID : **2AU3D-RCAPRIME**

Company: : **United Creation Technology Corp.,Ltd**

EUT : **4G smart phone**

Model Number : **Prime**

Report No. : **CTA25040200714**

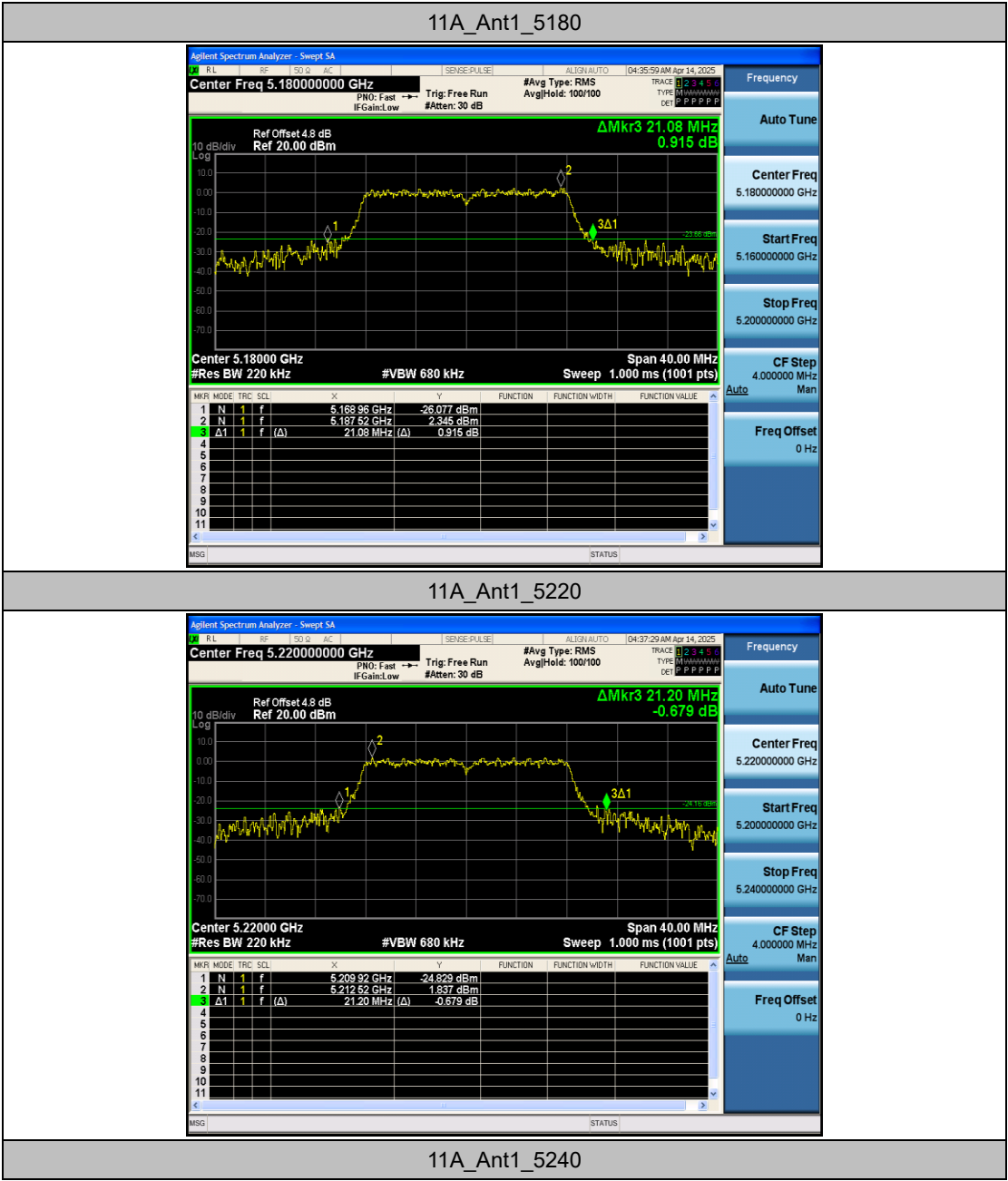
Reviewed By : **Eric Wang**

Appendix A1: Emission Bandwidth

Test Result

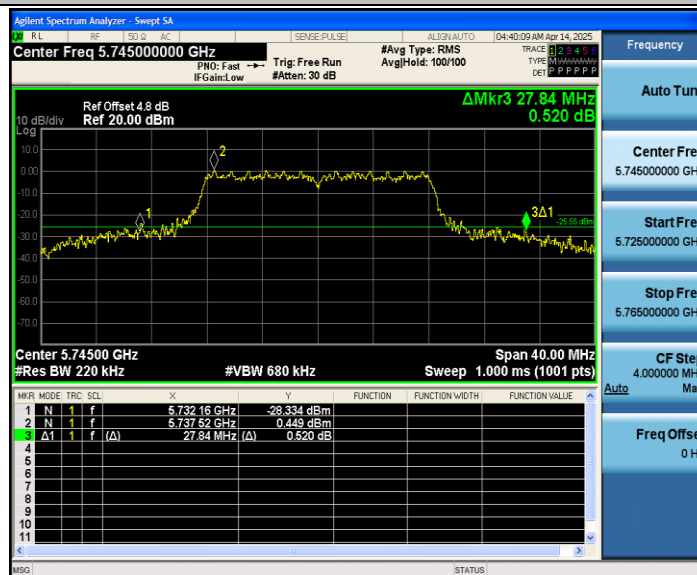
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.080	5168.960	5190.040	---	---
		5220	21.200	5209.920	5231.120	---	---
		5240	24.840	5228.280	5253.120	---	---
		5745	27.840	5732.160	5760.000	---	---
		5785	23.040	5774.680	5797.720	---	---
		5825	22.360	5814.160	5836.520	---	---
11N20SISO	Ant1	5180	25.480	5167.880	5193.360	---	---
		5220	25.440	5207.880	5233.320	---	---
		5240	24.840	5227.840	5252.680	---	---
		5745	27.160	5730.280	5757.440	---	---
		5785	27.040	5770.480	5797.520	---	---
		5825	24.720	5812.800	5837.520	---	---
11N40SISO	Ant1	5190	43.280	5169.520	5212.800	---	---
		5230	54.000	5203.760	5257.760	---	---
		5755	51.200	5725.720	5776.920	---	---
		5795	48.160	5768.840	5817.000	---	---
11AC20SISO	Ant1	5180	20.280	5170.240	5190.520	---	---
		5220	20.280	5209.840	5230.120	---	---
		5240	26.080	5230.080	5256.160	---	---
		5745	23.960	5731.400	5755.360	---	---
		5785	26.360	5772.520	5798.880	---	---
		5825	20.240	5814.880	5835.120	---	---
11AC40SISO	Ant1	5190	50.640	5168.320	5218.960	---	---
		5230	47.360	5208.640	5256.000	---	---
		5755	47.760	5729.720	5777.480	---	---
		5795	42.000	5775.080	5817.080	---	---
11AC80SISO	Ant1	5210	84.160	5170.160	5254.320	---	---
		5775	103.840	5725.720	5829.560	---	---

Test Graphs

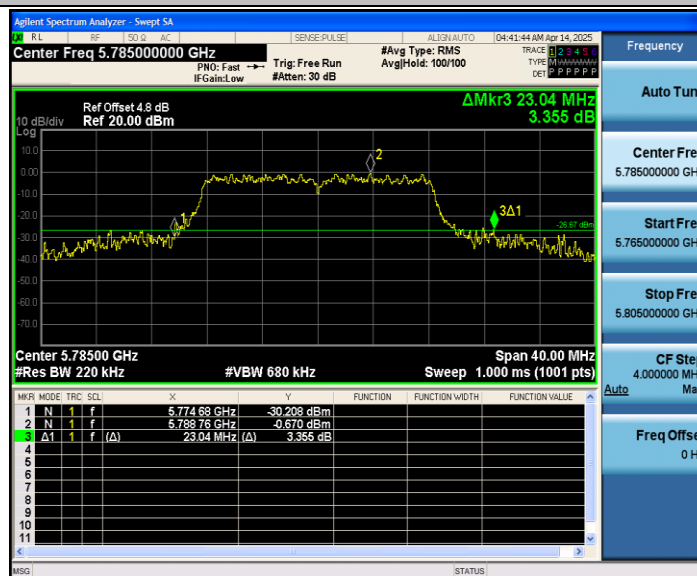




11A_Ant1_5745



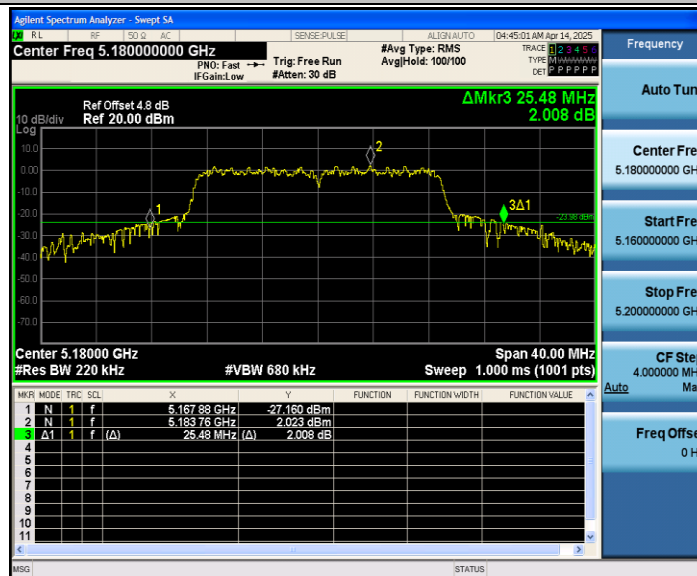
11A_Ant1_5785



11A_Ant1_5825



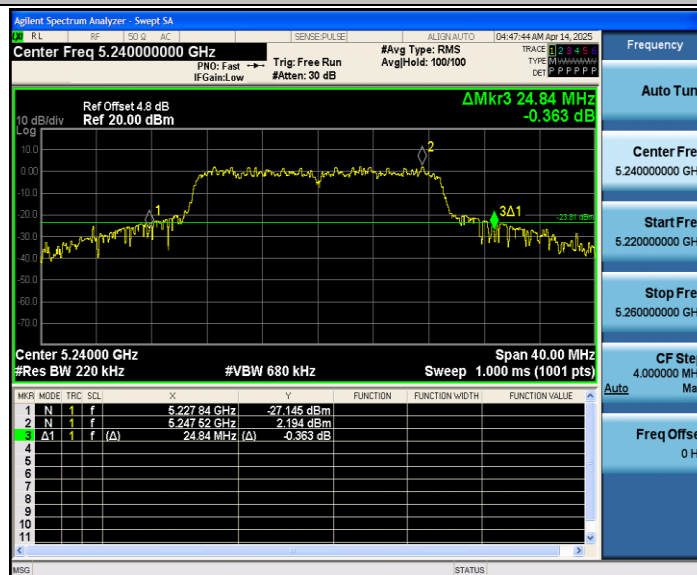
11N20SISO_Ant1_5180



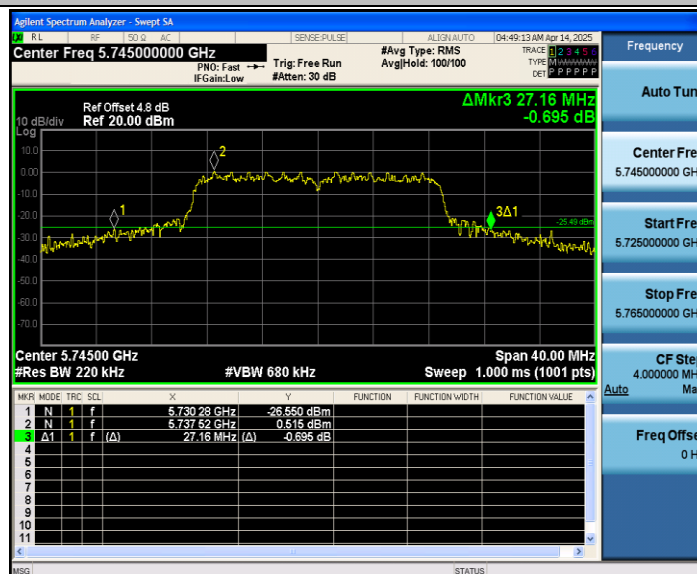
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



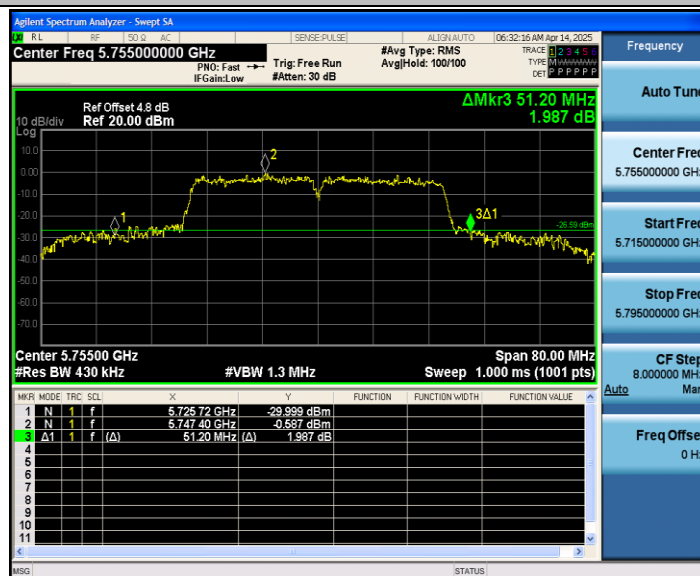
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



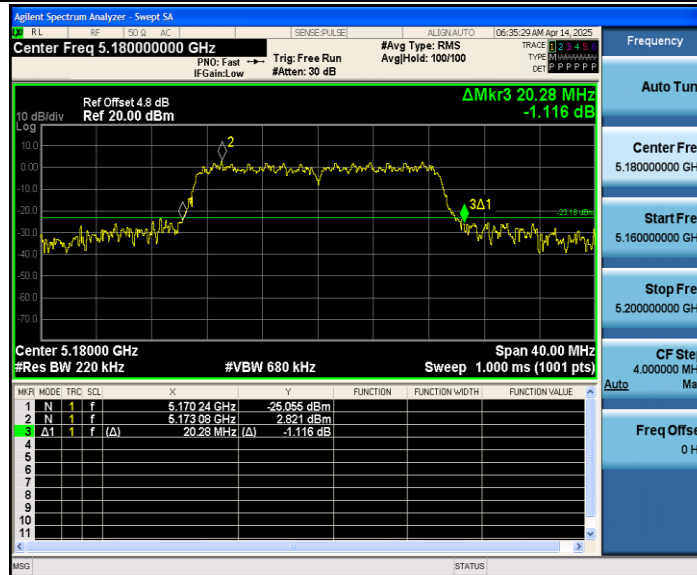
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



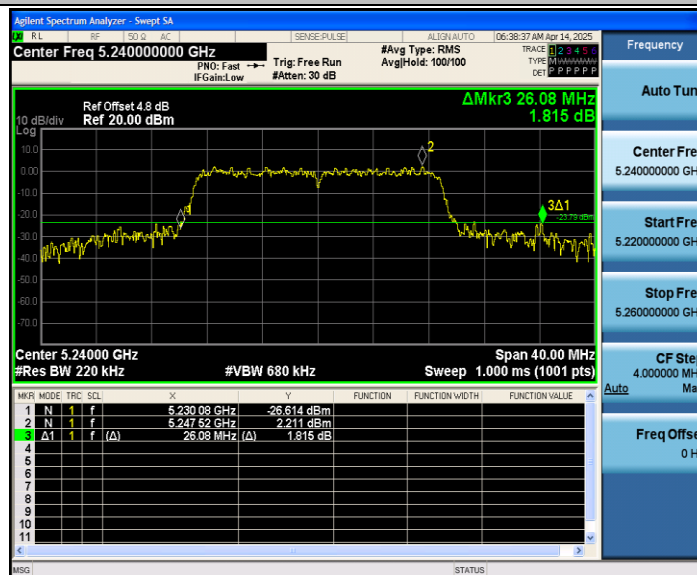
11AC20SISO_Ant1_5180



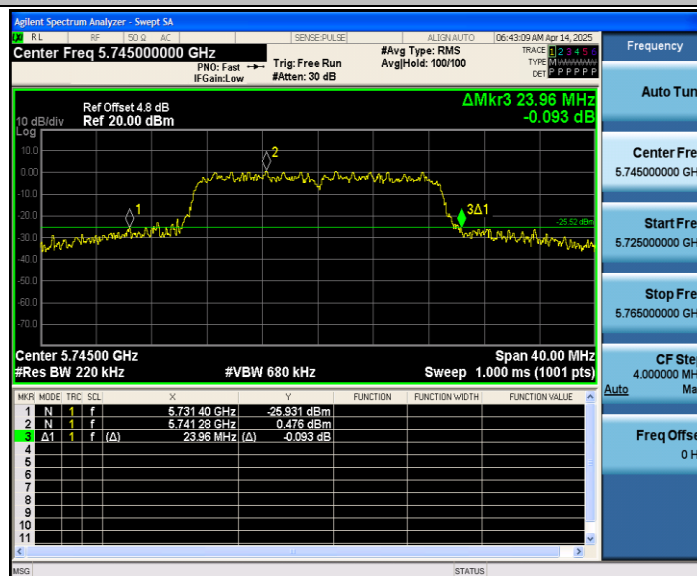
11AC20SISO_Ant1_5220



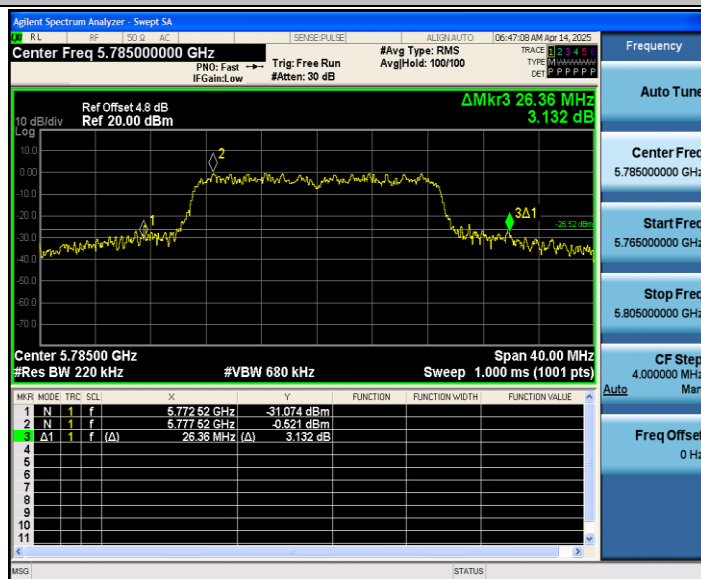
11AC20SISO_Ant1_5240



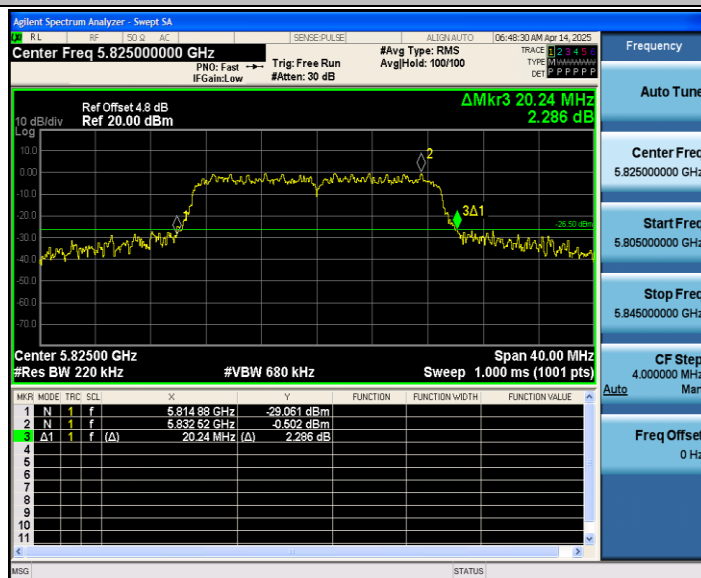
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



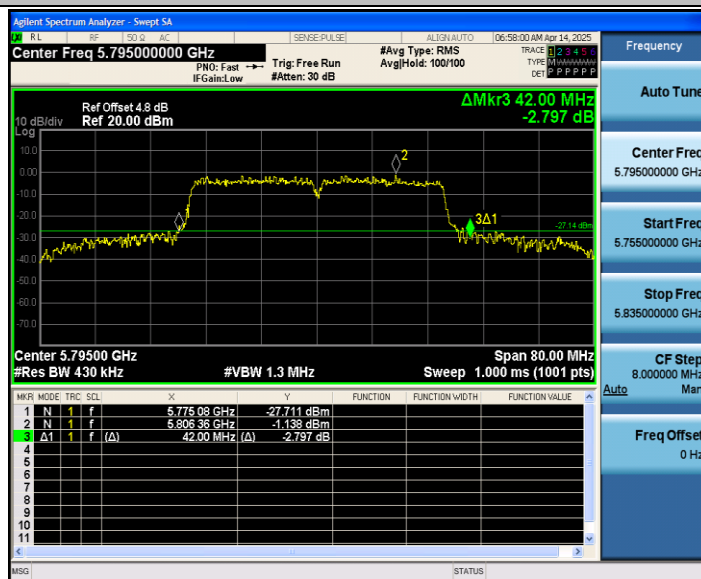
11AC40SISO_Ant1_5230



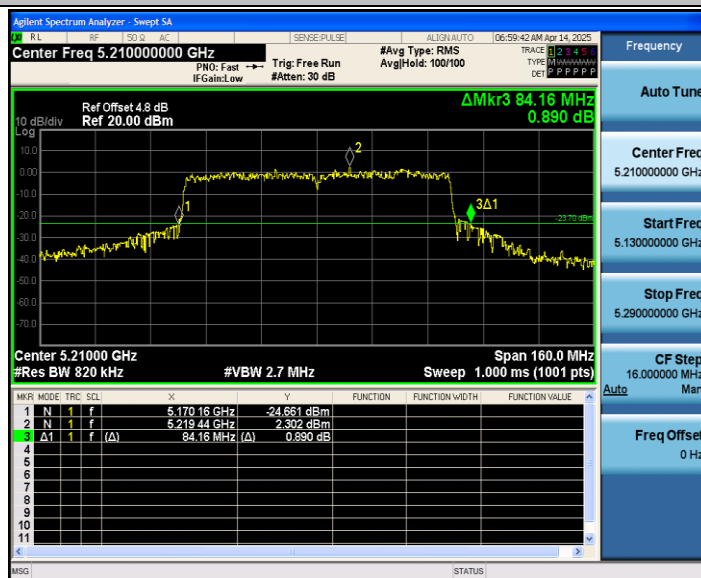
11AC40SISO_Ant1_5755



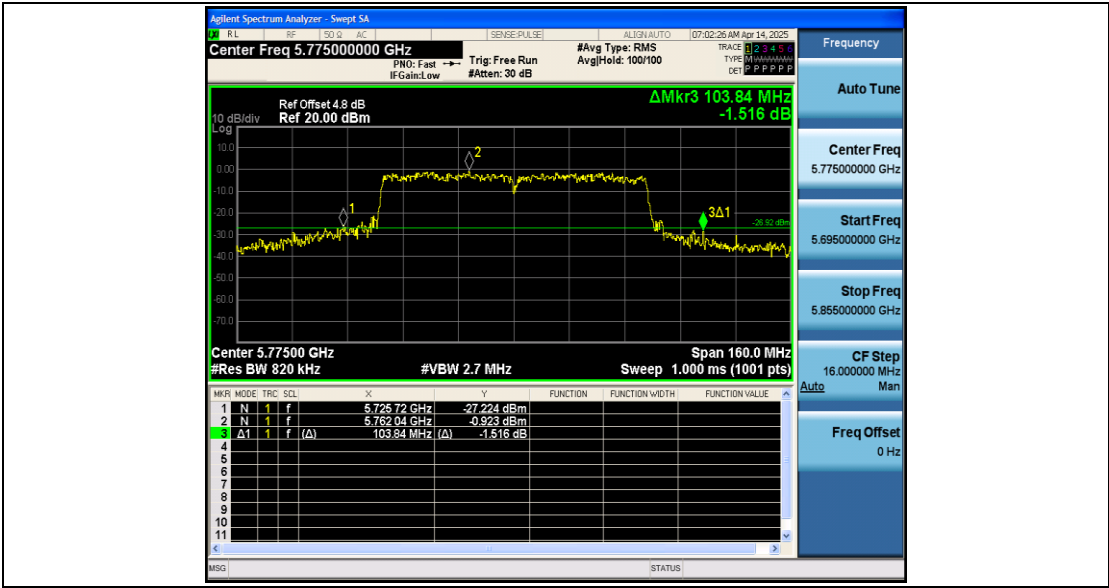
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



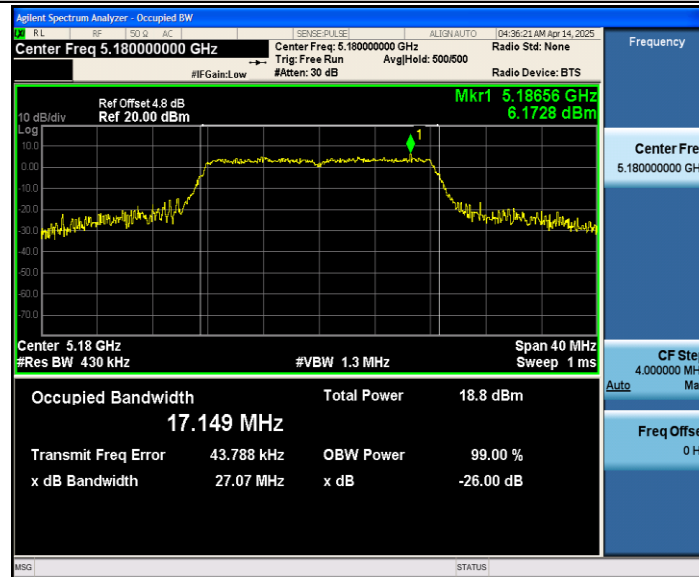
Appendix A2: Occupied channel bandwidth

Test Result

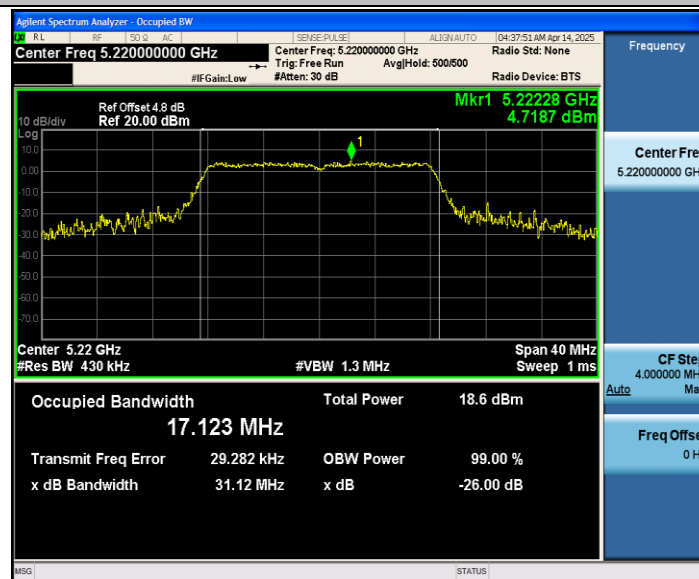
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.149	5171.4693	5188.6183	---	---
		5220	17.123	5211.4678	5228.5908	---	---
		5240	17.110	5231.4561	5248.5661	---	---
		5745	17.200	5736.3576	5753.5576	---	---
		5785	17.111	5776.4422	5793.5532	---	---
		5825	17.121	5816.4669	5833.5879	---	---
11N20SISO	Ant1	5180	18.223	5170.9930	5189.2160	---	---
		5220	18.251	5210.9446	5229.1956	---	---
		5240	18.231	5230.9342	5249.1652	---	---
		5745	18.160	5735.9261	5754.0861	---	---
		5785	18.135	5775.9485	5794.0835	---	---
		5825	18.144	5815.9571	5834.1011	---	---
11N40SISO	Ant1	5190	36.813	5171.7820	5208.5950	---	---
		5230	36.730	5211.7502	5248.4802	---	---
		5755	36.632	5736.6373	5773.2693	---	---
		5795	36.486	5776.8058	5813.2918	---	---
11AC20SISO	Ant1	5180	17.872	5171.1130	5188.9850	---	---
		5220	17.845	5211.1062	5228.9512	---	---
		5240	17.877	5231.0974	5248.9744	---	---
		5745	18.016	5735.9769	5753.9929	---	---
		5785	17.864	5776.0674	5793.9314	---	---
		5825	17.903	5816.1089	5834.0119	---	---
11AC40SISO	Ant1	5190	36.702	5171.8481	5208.5501	---	---
		5230	36.672	5211.8033	5248.4753	---	---
		5755	36.490	5736.7161	5773.2061	---	---
		5795	36.458	5776.8101	5813.2681	---	---
11AC80SISO	Ant1	5210	76.033	5172.2345	5248.2675	---	---
		5775	76.135	5736.9288	5813.0638	---	---

Test Graphs

11A_Ant1_5180



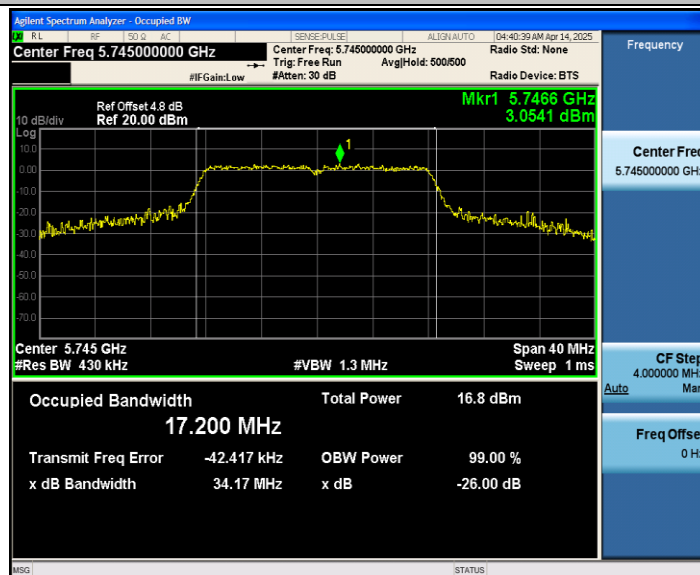
11A_Ant1_5220



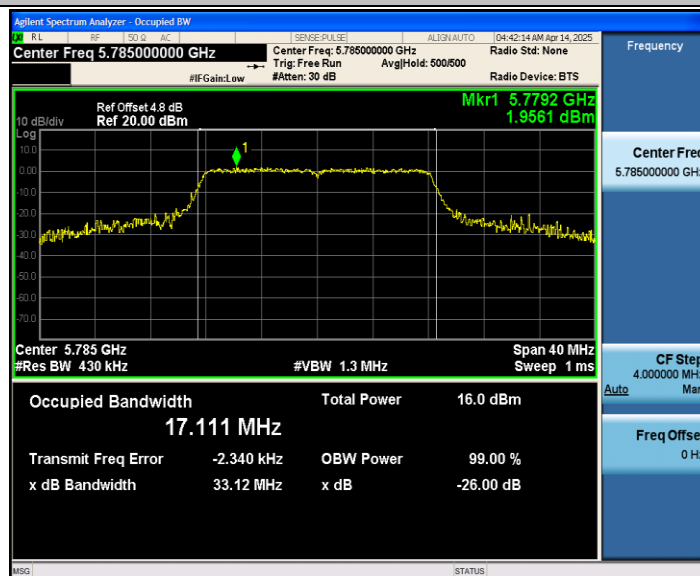
11A_Ant1_5240



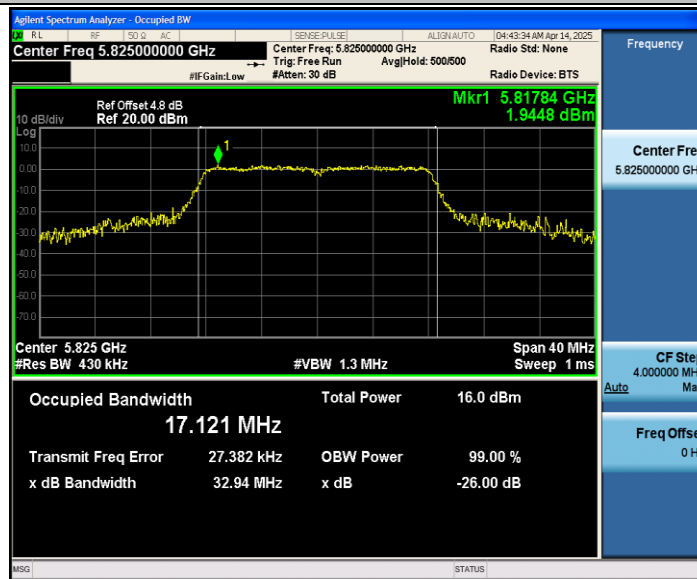
11A_Ant1_5745



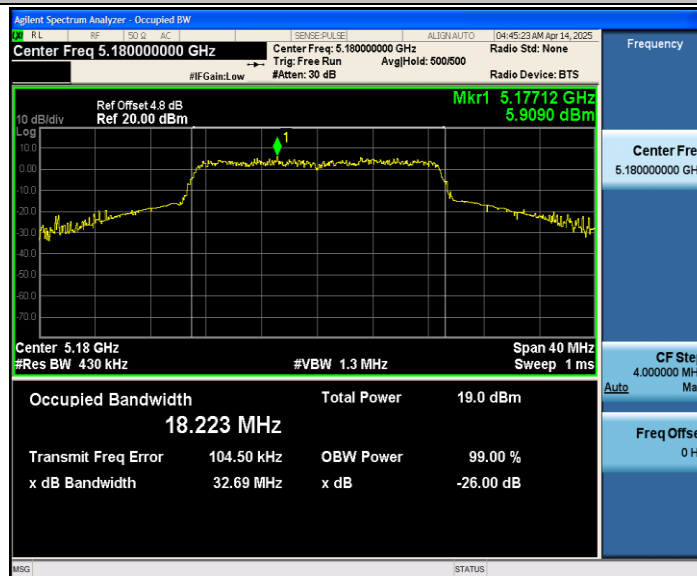
11A_Ant1_5785



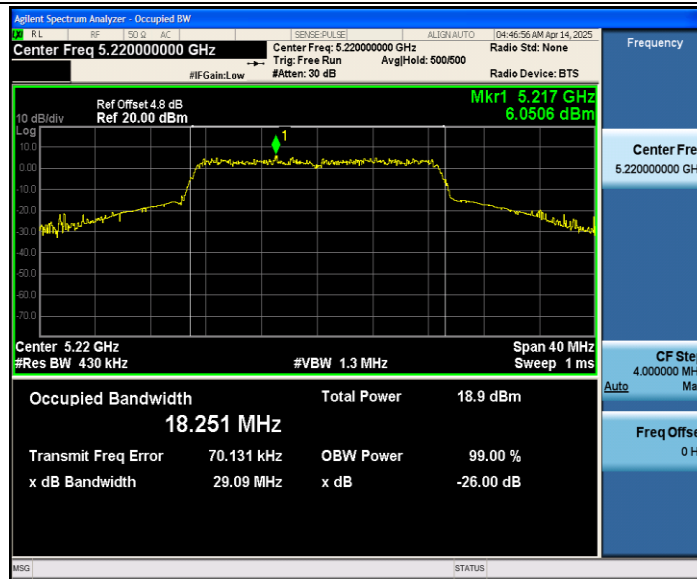
11A_Ant1_5825



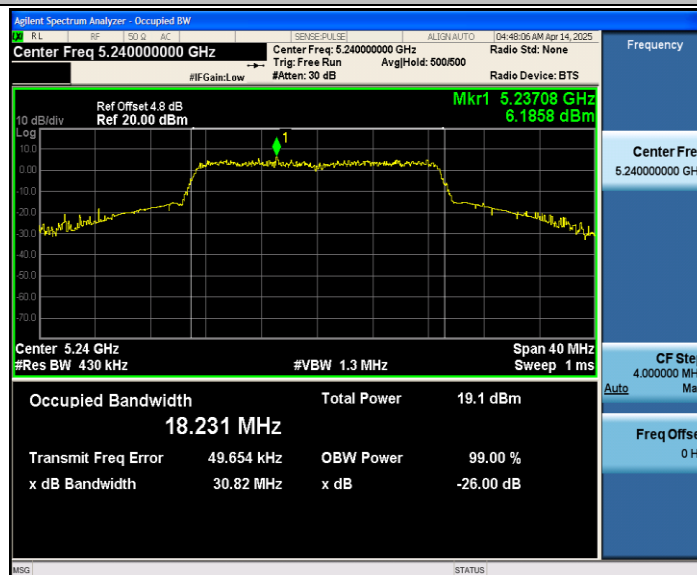
11N20SISO_Ant1_5180



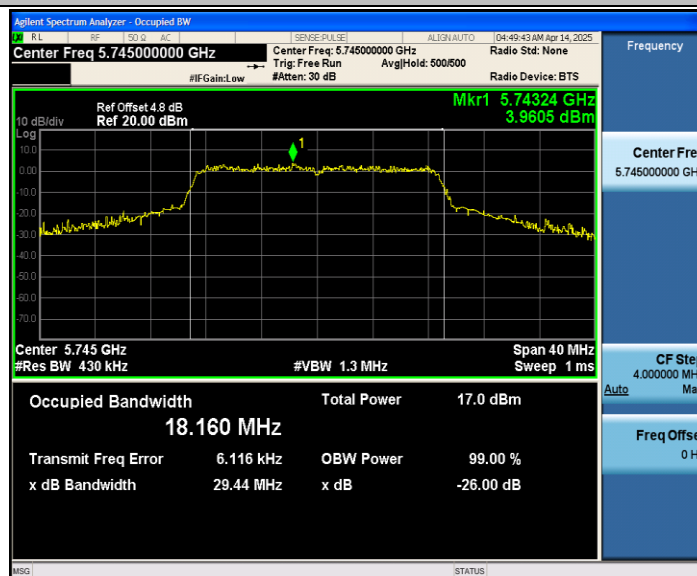
11N20SISO_Ant1_5220



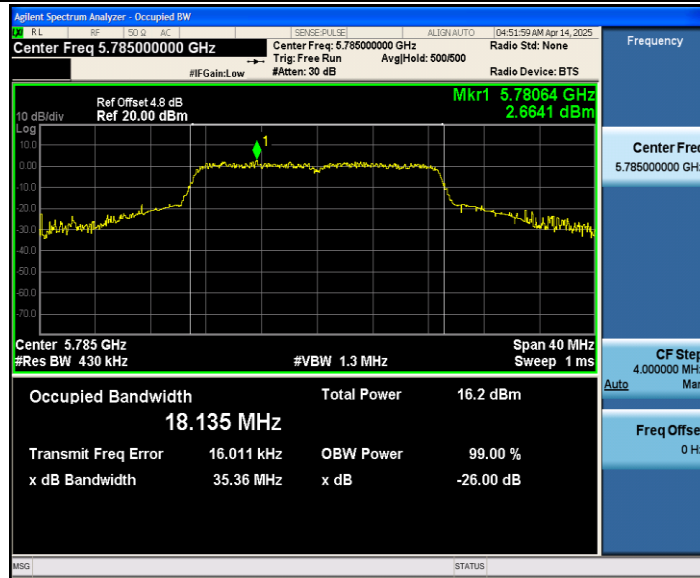
11N20SISO_Ant1_5240



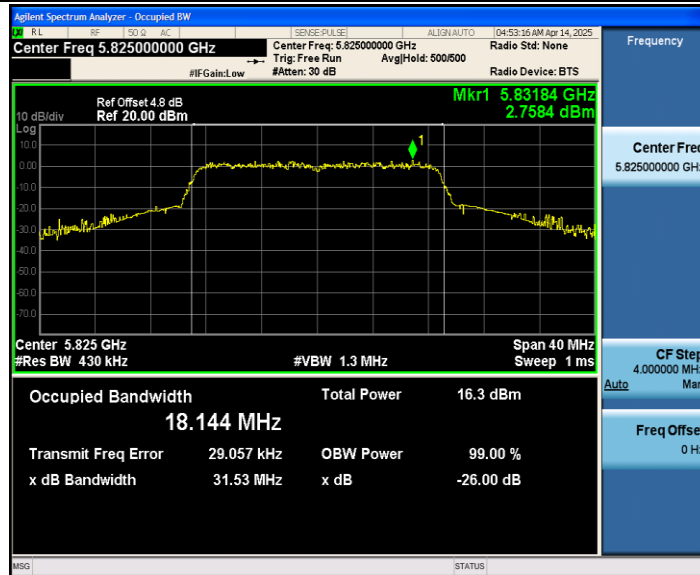
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



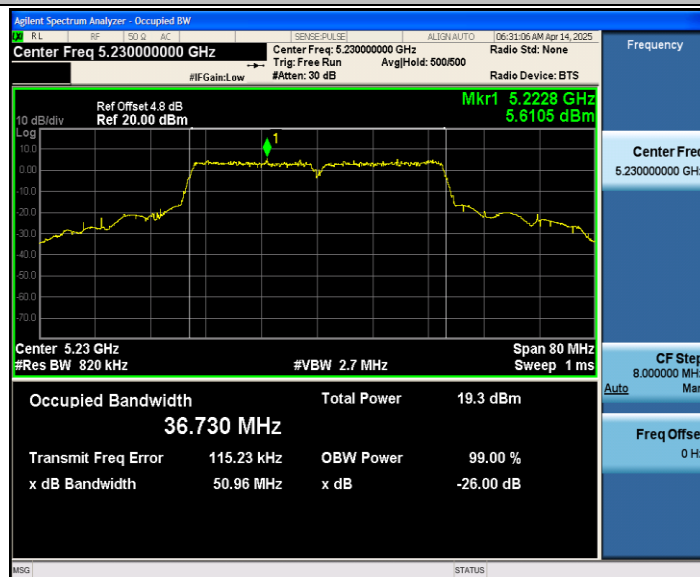
11N20SISO_Ant1_5825



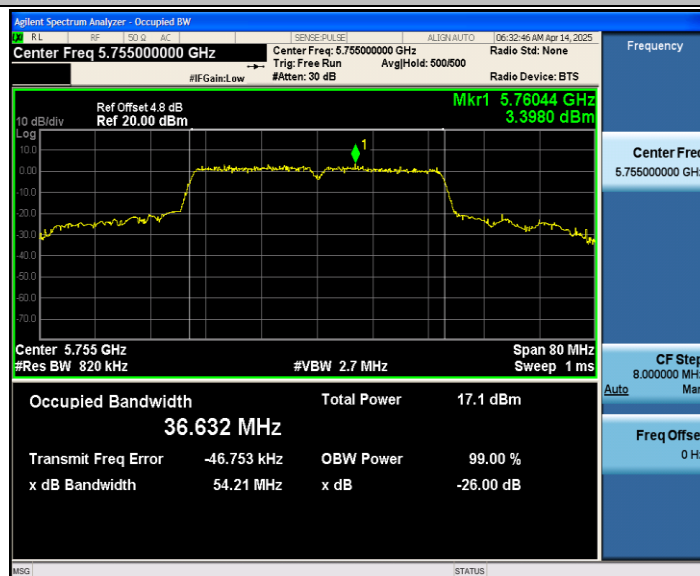
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



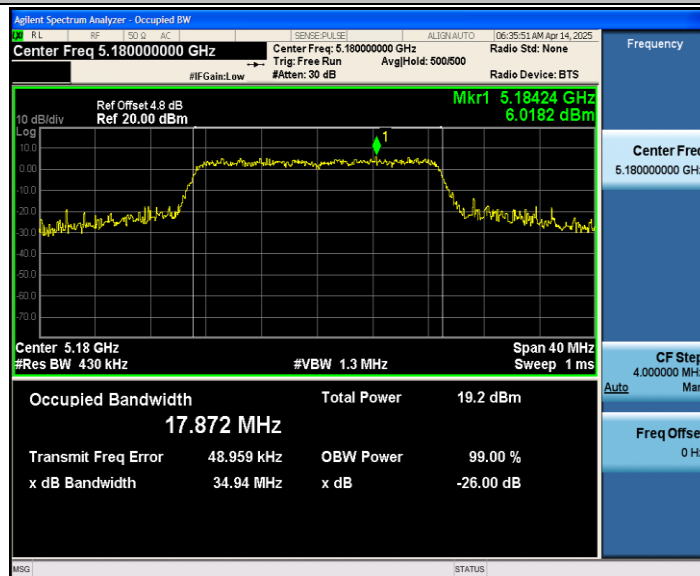
11N40SISO_Ant1_5755



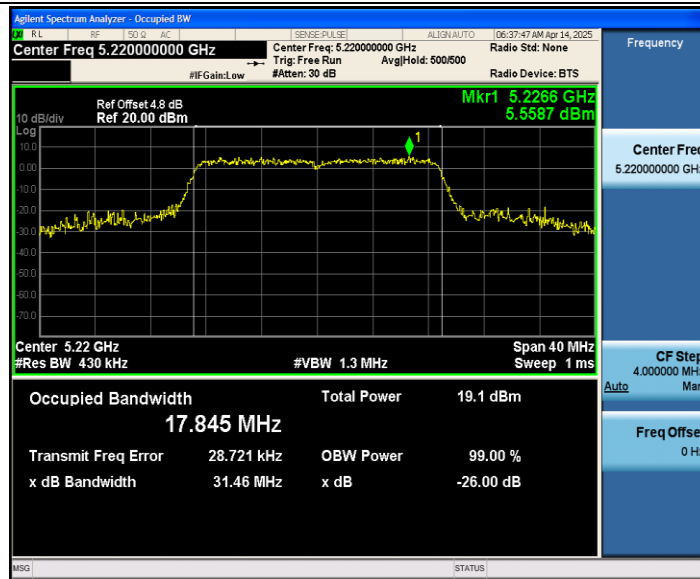
11N40SISO_Ant1_5795



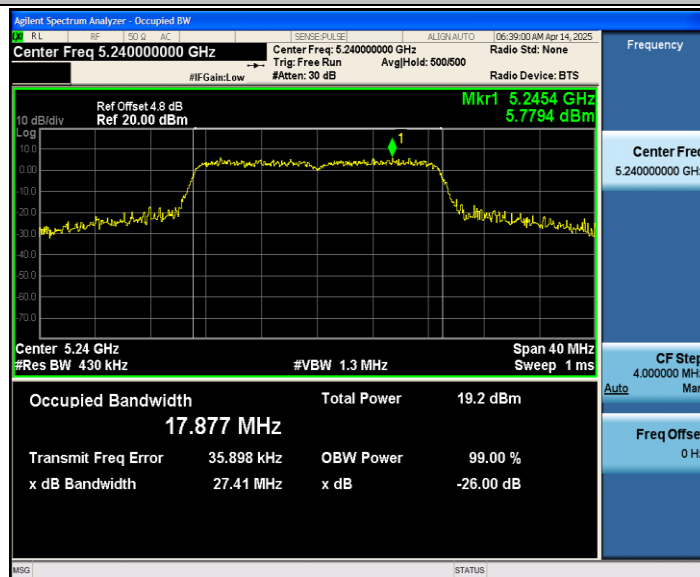
11AC20SISO_Ant1_5180



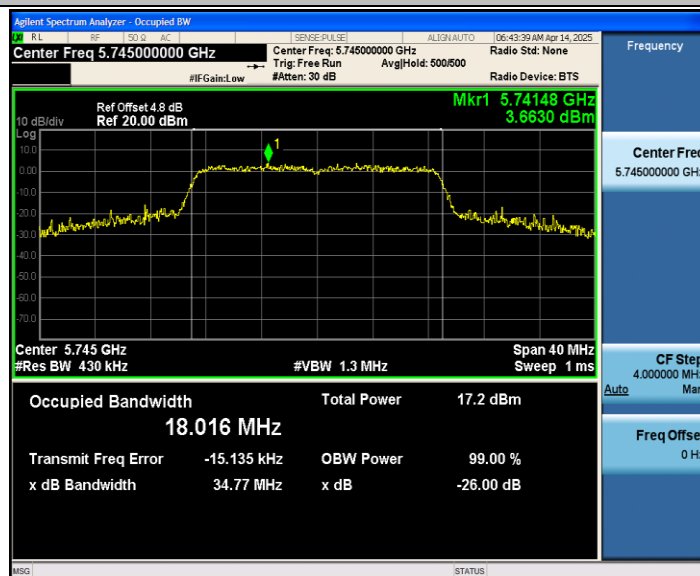
11AC20SISO_Ant1_5220



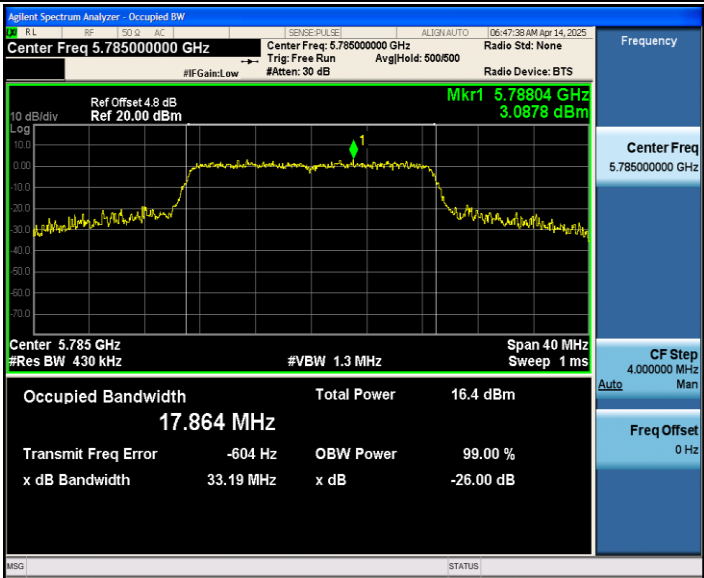
11AC20SISO_Ant1_5240



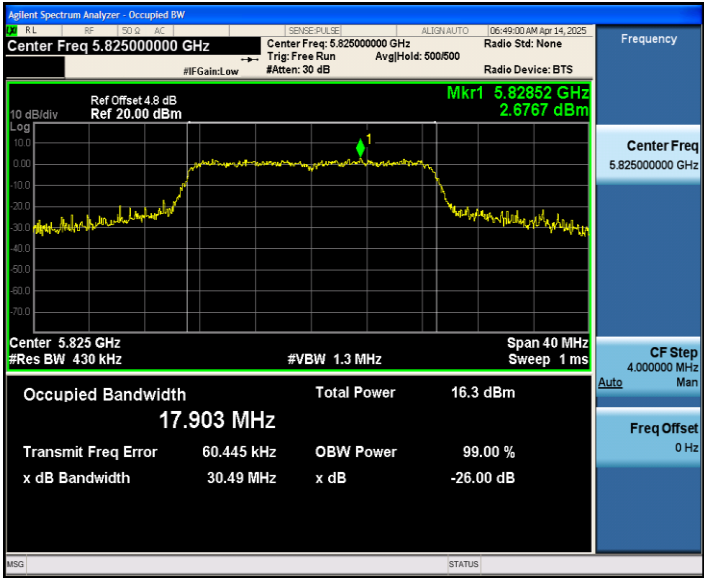
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



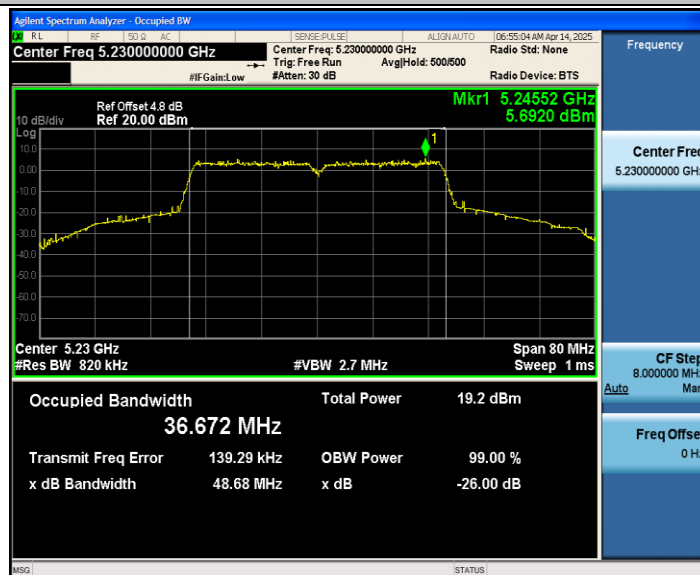
11AC20SISO_Ant1_5825



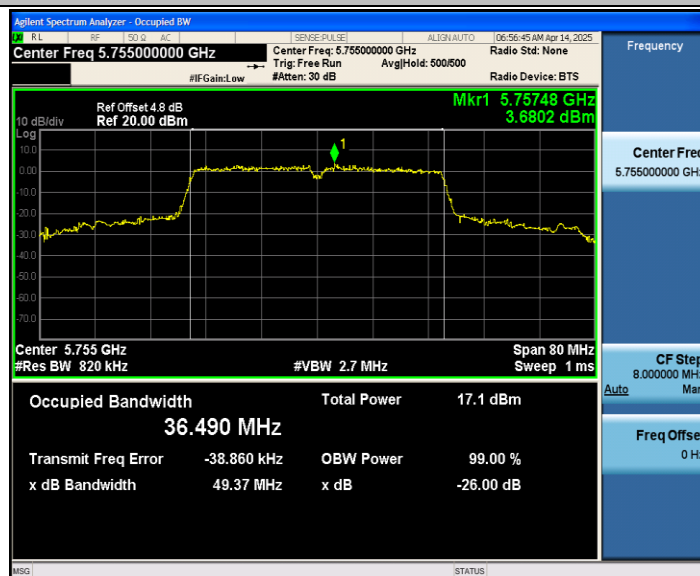
11AC40SISO_Ant1_5190



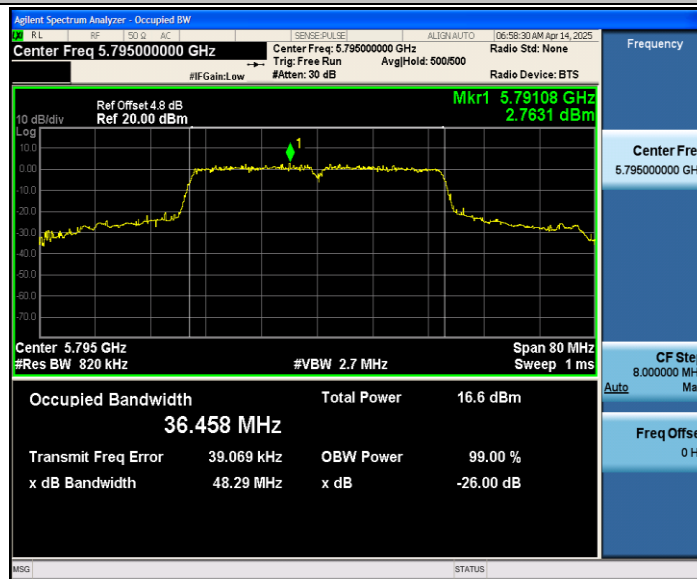
11AC40SISO_Ant1_5230



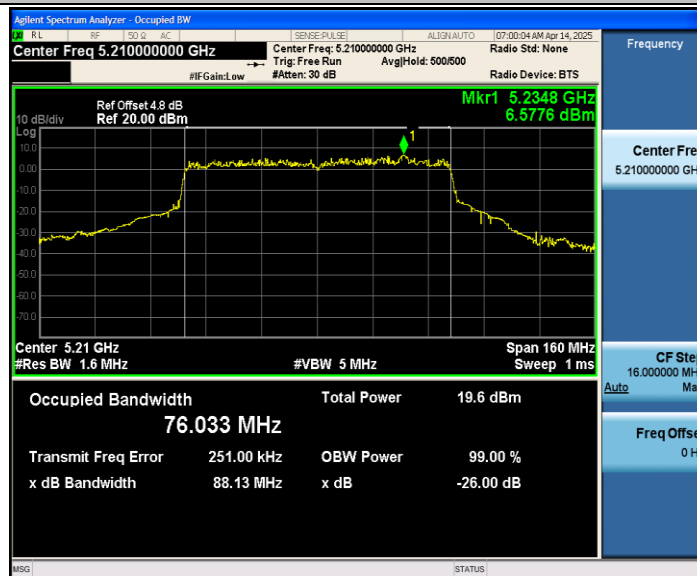
11AC40SISO_Ant1_5755



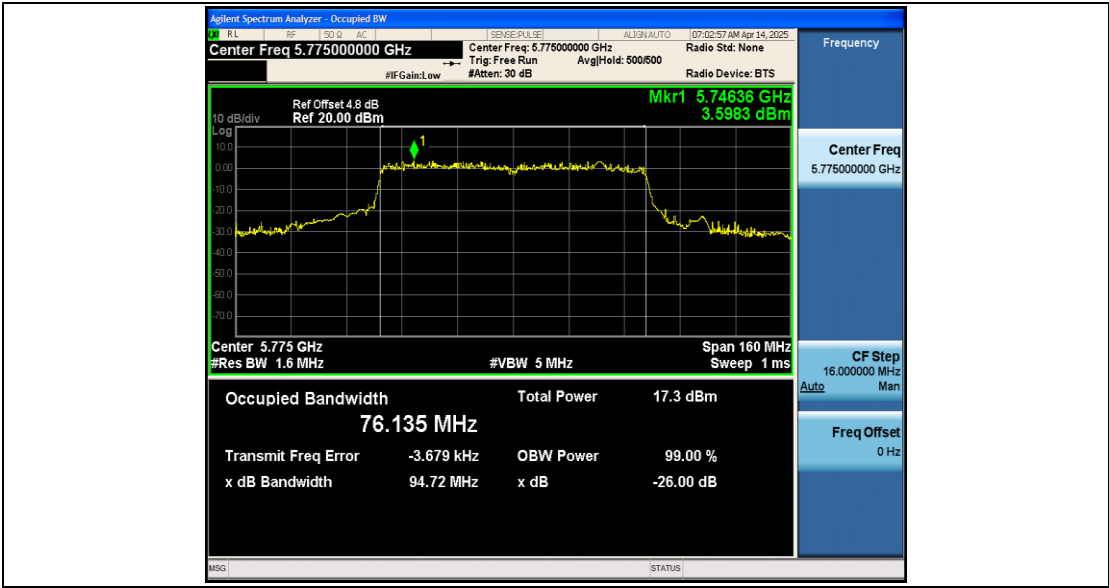
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

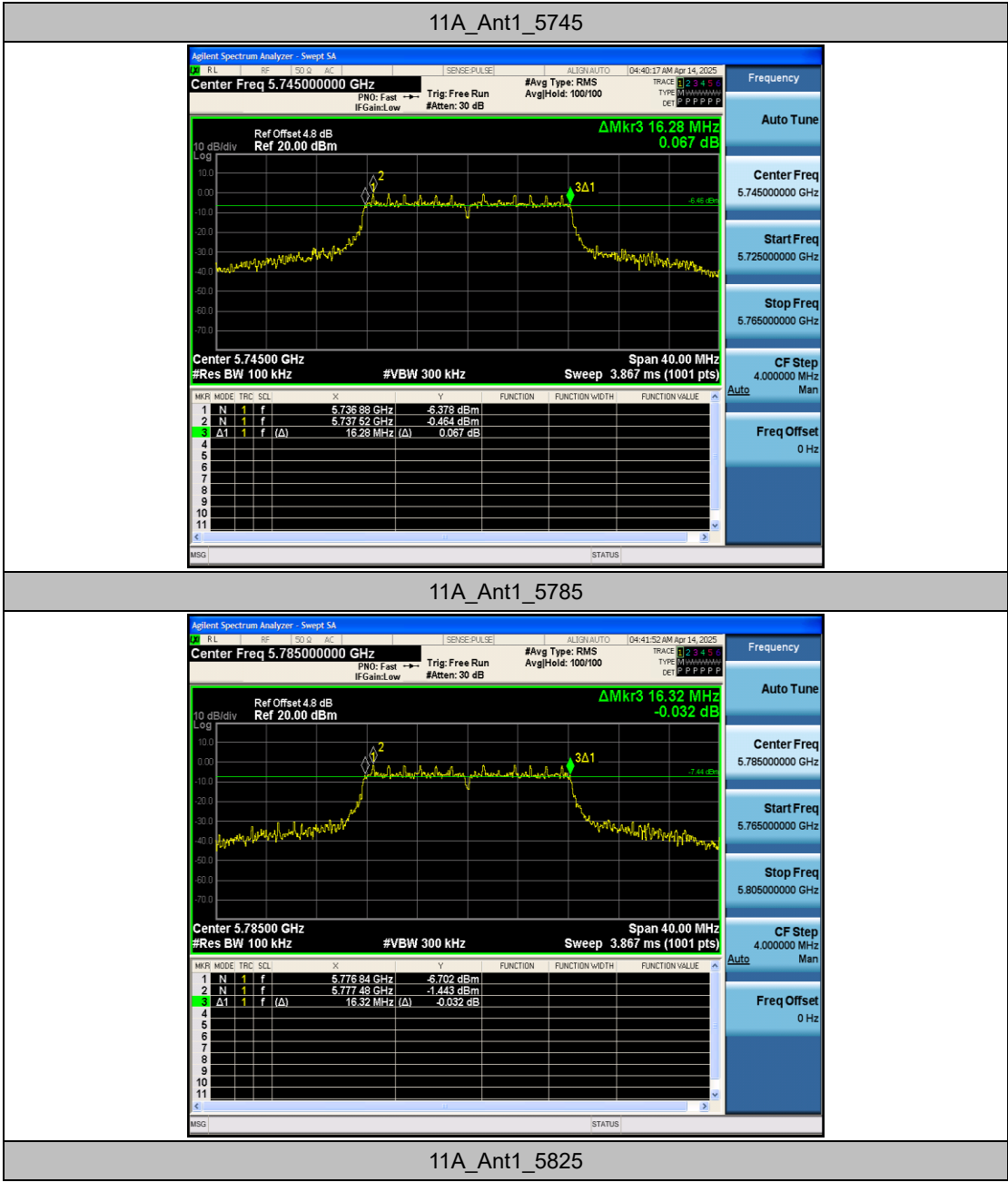


Appendix A3: Min emission bandwidth

Test Result B4

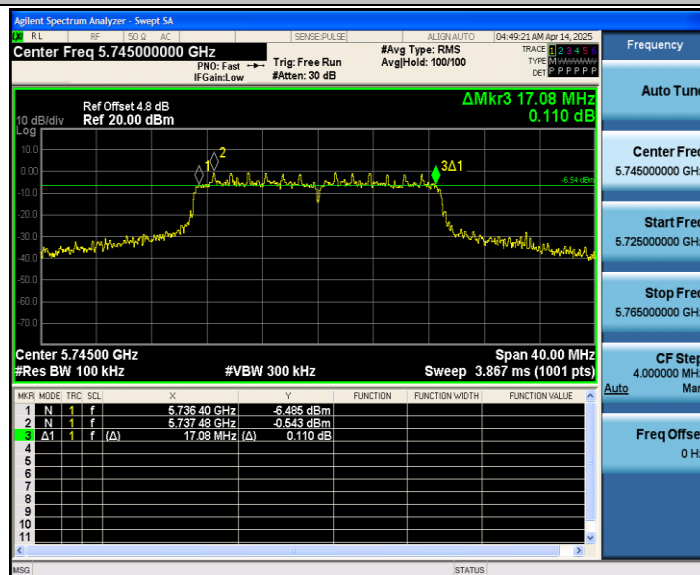
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.280	5736.880	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.080	5736.400	5753.480	0.5	PASS
		5785	17.040	5776.480	5793.520	0.5	PASS
		5825	16.800	5816.560	5833.360	0.5	PASS
11N40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.360	5777.400	5812.760	0.5	PASS
11AC20SISO	Ant1	5745	16.720	5736.480	5753.200	0.5	PASS
		5785	17.000	5776.520	5793.520	0.5	PASS
		5825	16.840	5816.520	5833.360	0.5	PASS
11AC40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.280	5777.240	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

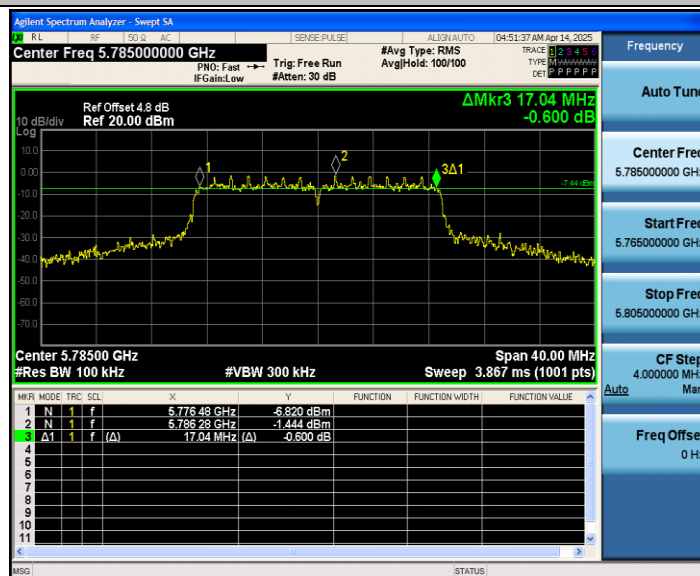




11N20SISO_Ant1_5745



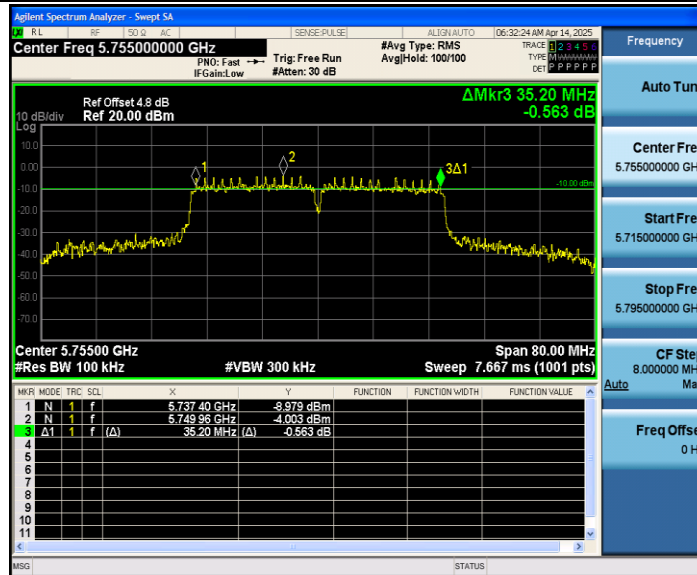
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795