

FCC Appendix RF Test Data for 5GWIFI

FCC ID : **R38YLCPK23**

Company : **Yulong Computer Telecommunication Scientific
(Shenzhen) Co., Ltd**

EUT : **Smart Phone**

Model Number : **K23**

Report No. : **CTA26032500717**

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	23.240	5168.560	5191.800	---	---
		5220	23.240	5208.520	5231.760	---	---
		5240	23.280	5227.840	5251.120	---	---
		5745	24.120	5733.200	5757.320	---	---
		5785	25.240	5772.440	5797.680	---	---
		5825	24.680	5812.760	5837.440	---	---
11N20SISO	Ant1	5180	23.880	5167.800	5191.680	---	---
		5220	24.000	5208.040	5232.040	---	---
		5240	24.720	5227.960	5252.680	---	---
		5745	24.640	5732.560	5757.200	---	---
		5785	24.240	5773.240	5797.480	---	---
		5825	24.800	5812.480	5837.280	---	---
11N40SISO	Ant1	5190	43.120	5168.560	5211.680	---	---
		5230	43.040	5208.560	5251.600	---	---
		5755	44.800	5733.160	5777.960	---	---
		5795	44.800	5773.240	5818.040	---	---
11AC20SISO	Ant1	5180	23.960	5168.000	5191.960	---	---
		5220	24.280	5208.360	5232.640	---	---
		5240	24.160	5227.880	5252.040	---	---
		5745	25.240	5732.920	5758.160	---	---
		5785	24.760	5772.520	5797.280	---	---
		5825	24.960	5812.160	5837.120	---	---
11AC40SISO	Ant1	5190	43.200	5168.800	5212.000	---	---
		5230	43.520	5208.160	5251.680	---	---
		5755	44.480	5733.640	5778.120	---	---
		5795	44.720	5773.000	5817.720	---	---
11AC80SISO	Ant1	5210	84.640	5167.440	5252.080	---	---
		5775	86.400	5731.640	5818.040	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



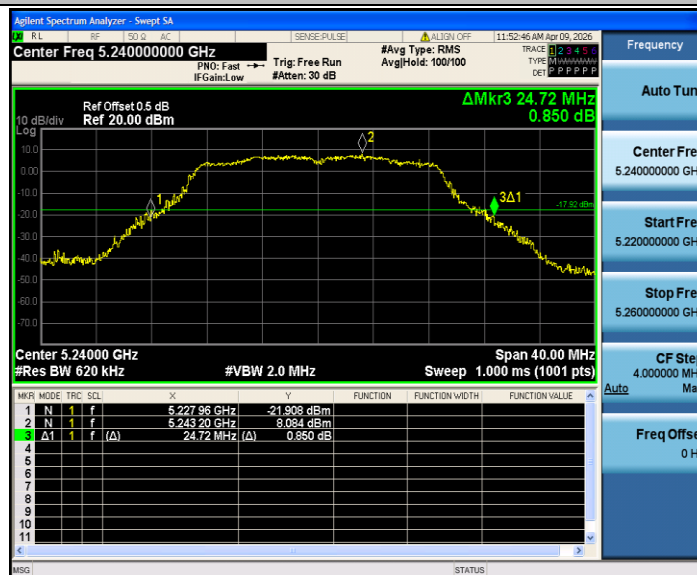
11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



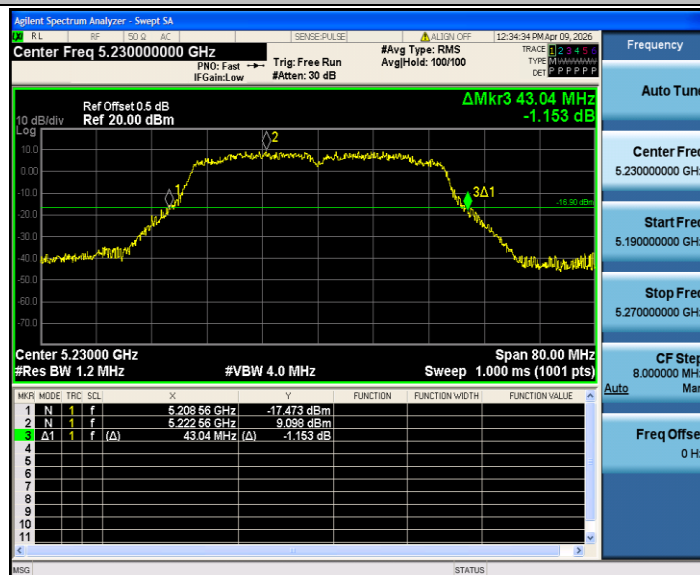
11N20SISO_Ant1_5825



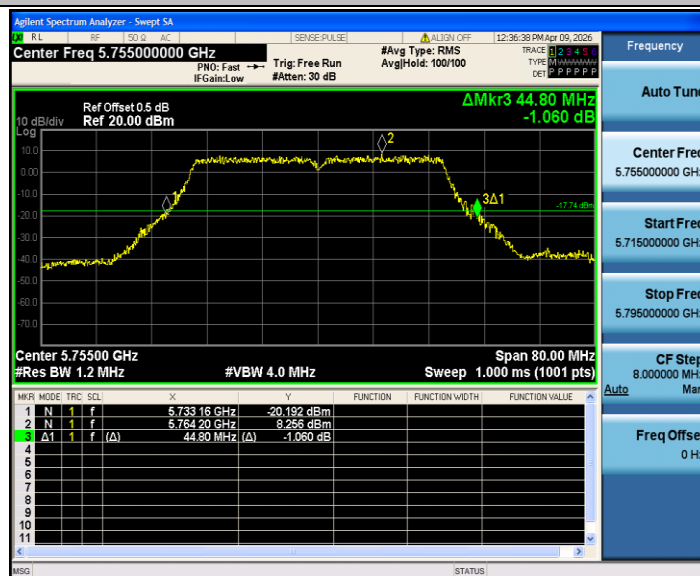
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



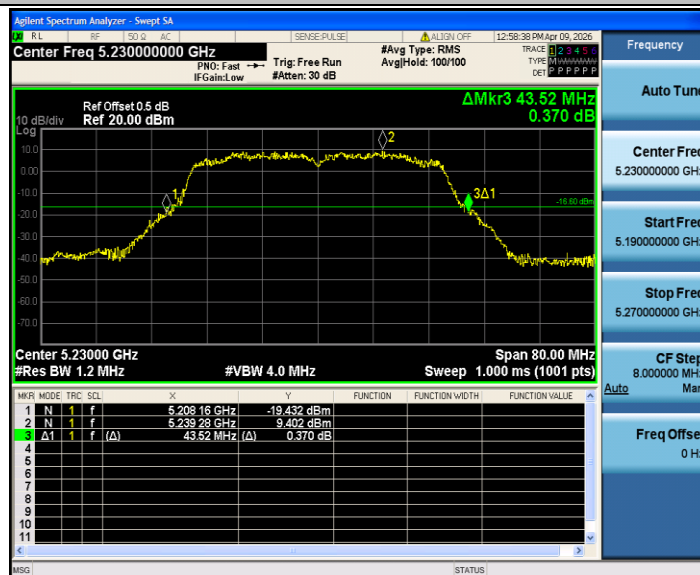
11AC20SISO_Ant1_5825



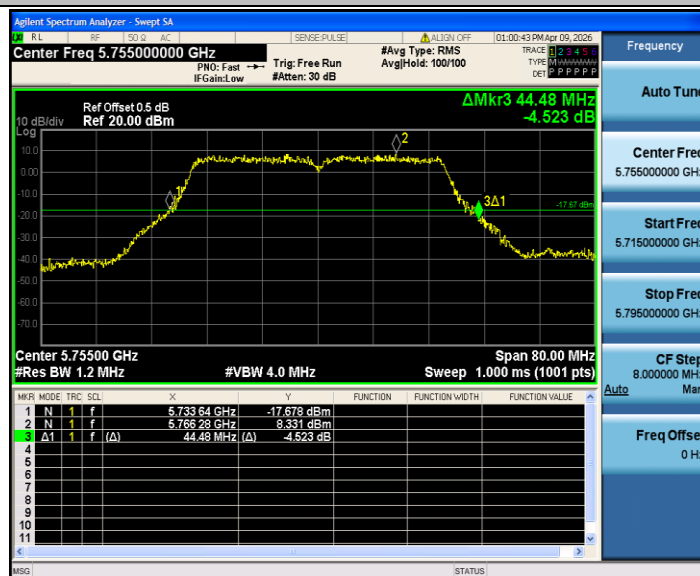
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



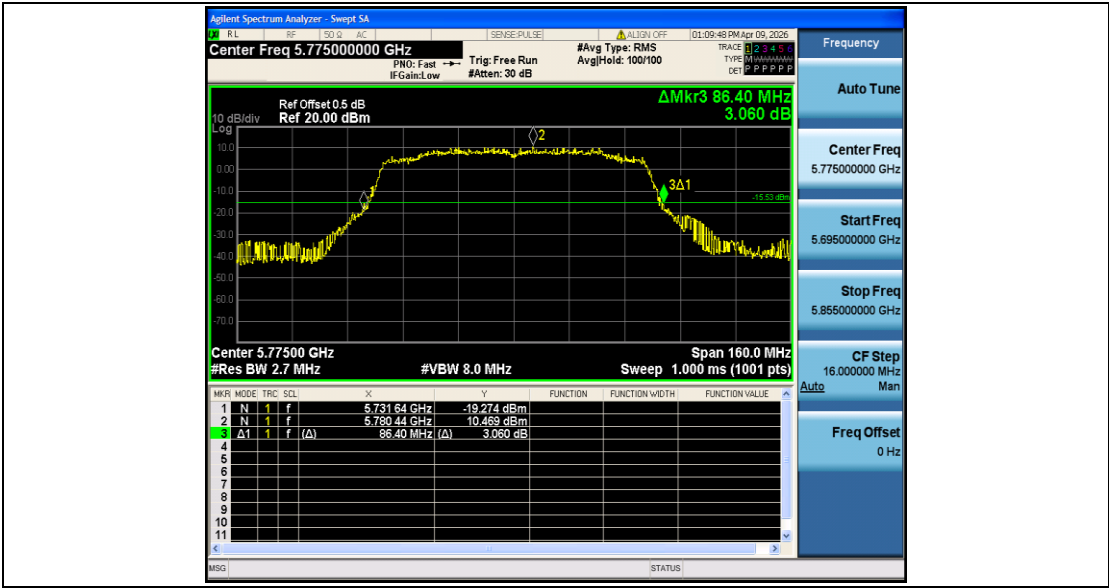
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



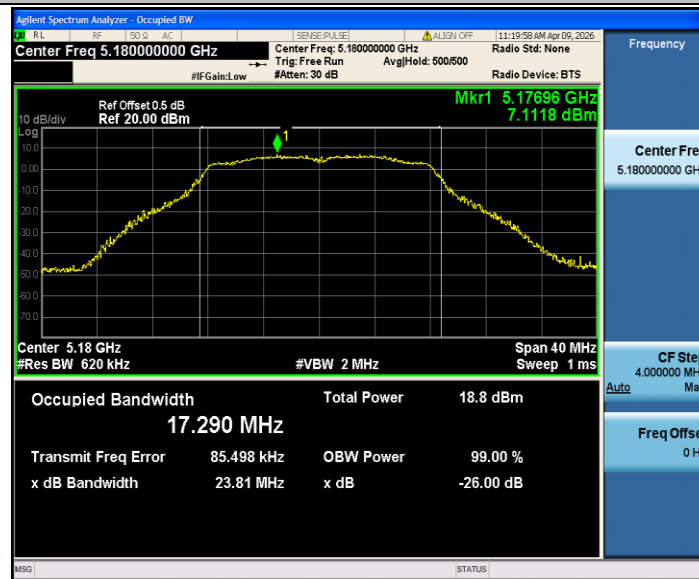
Appendix A2: Occupied channel bandwidth

Test Result

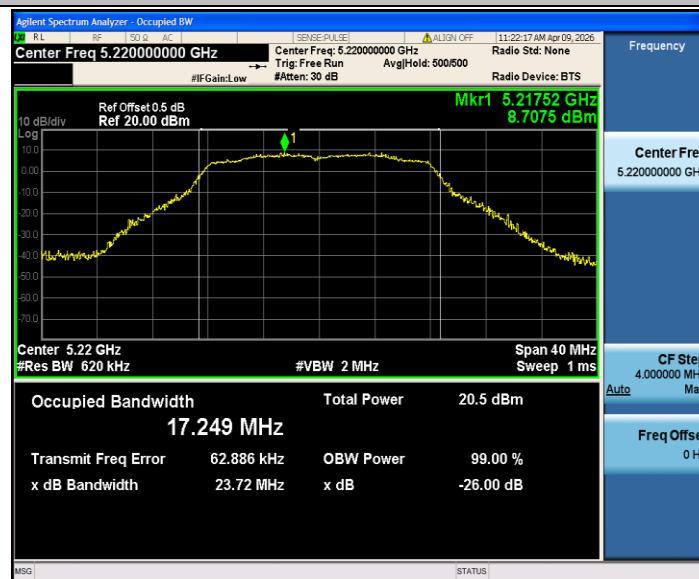
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.290	5171.4405	5188.7305	---	---
		5220	17.249	5211.4384	5228.6874	---	---
		5240	17.256	5231.4206	5248.6766	---	---
		5745	17.649	5736.2085	5753.8575	---	---
		5785	17.661	5776.2115	5793.8725	---	---
		5825	17.674	5816.1583	5833.8323	---	---
11N20SISO	Ant1	5180	18.232	5170.9647	5189.1967	---	---
		5220	18.233	5210.9541	5229.1871	---	---
		5240	18.261	5230.8719	5249.1329	---	---
		5745	18.635	5735.7171	5754.3521	---	---
		5785	18.677	5775.6798	5794.3568	---	---
		5825	18.703	5815.6672	5834.3702	---	---
11N40SISO	Ant1	5190	36.313	5171.9690	5208.2820	---	---
		5230	36.309	5211.9025	5248.2115	---	---
		5755	36.957	5736.6664	5773.6234	---	---
		5795	36.907	5776.6391	5813.5461	---	---
11AC20SISO	Ant1	5180	18.226	5170.9356	5189.1616	---	---
		5220	18.283	5210.9108	5229.1938	---	---
		5240	18.262	5230.8985	5249.1605	---	---
		5745	18.604	5735.7489	5754.3529	---	---
		5785	18.664	5775.6876	5794.3516	---	---
		5825	18.565	5815.7361	5834.3011	---	---
11AC40SISO	Ant1	5190	36.271	5171.9417	5208.2127	---	---
		5230	36.293	5211.8893	5248.1823	---	---
		5755	36.933	5736.6790	5773.6120	---	---
		5795	36.907	5776.6159	5813.5229	---	---
11AC80SISO	Ant1	5210	75.446	5172.3311	5247.7771	---	---
		5775	75.518	5737.4237	5812.9417	---	---

Test Graphs

11A_Ant1_5180



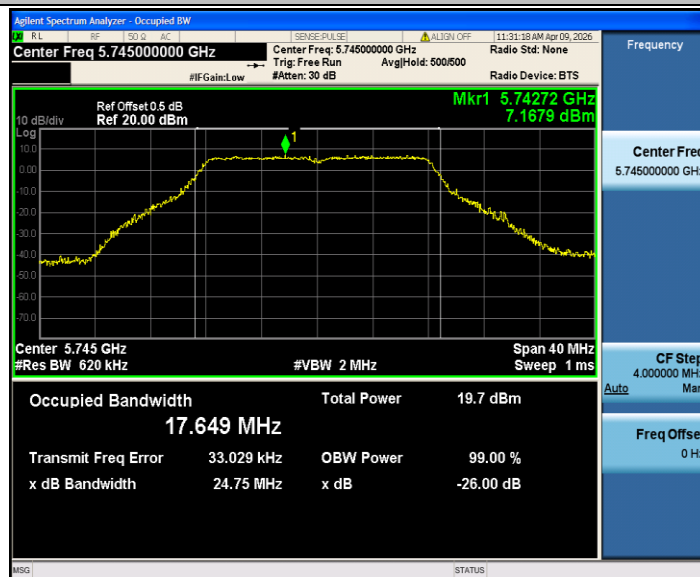
11A_Ant1_5220



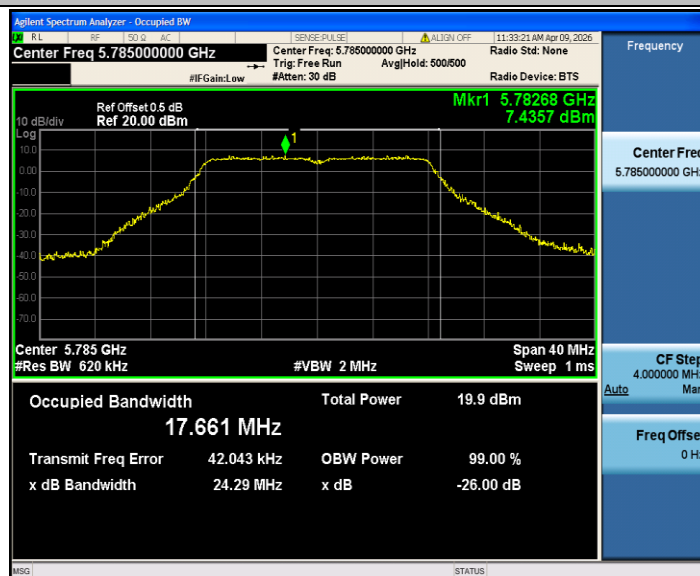
11A_Ant1_5240



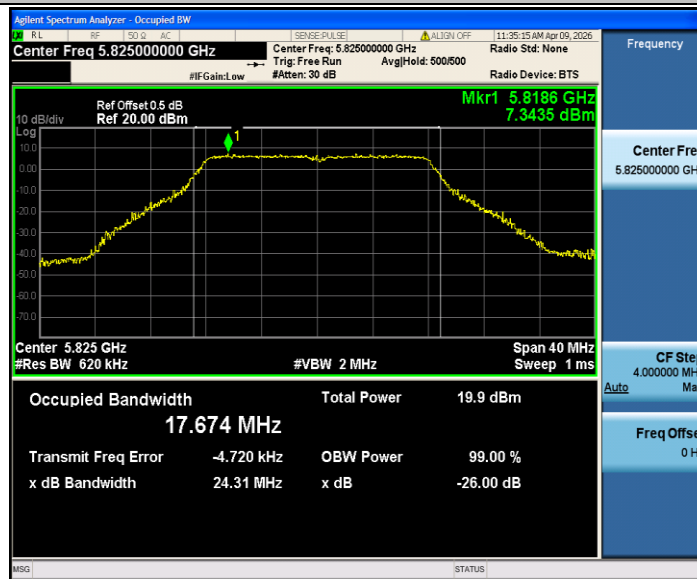
11A_Ant1_5745



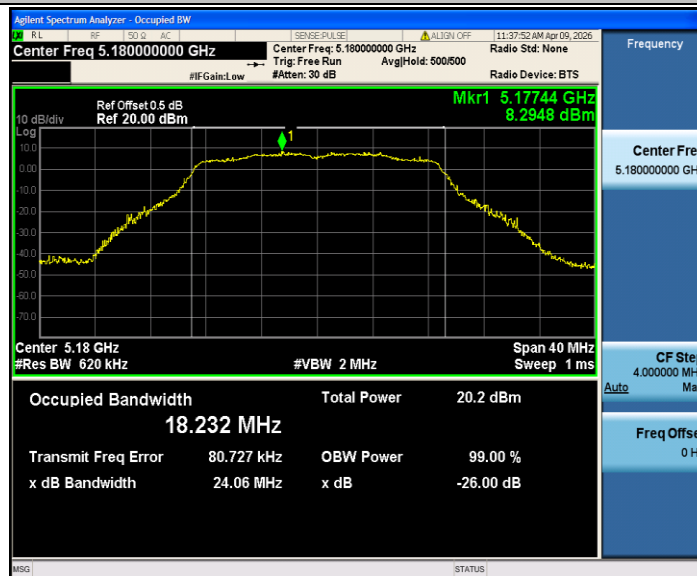
11A_Ant1_5785



11A_Ant1_5825



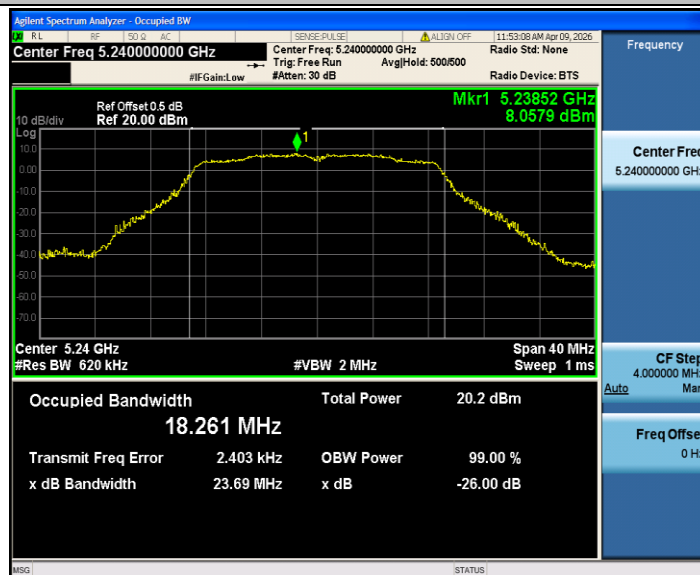
11N20SISO_Ant1_5180



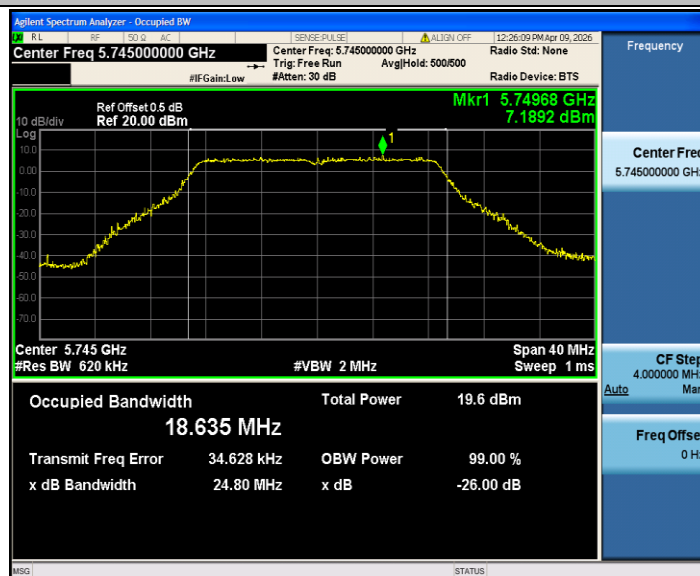
11N20SISO_Ant1_5220



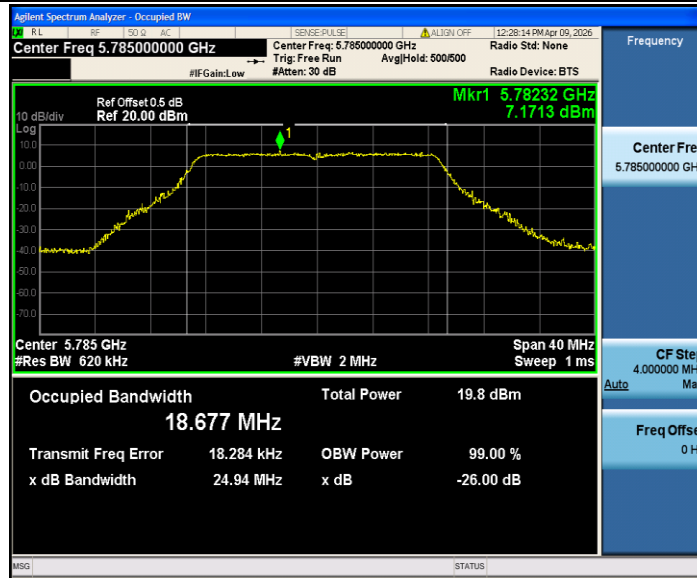
11N20SISO_Ant1_5240



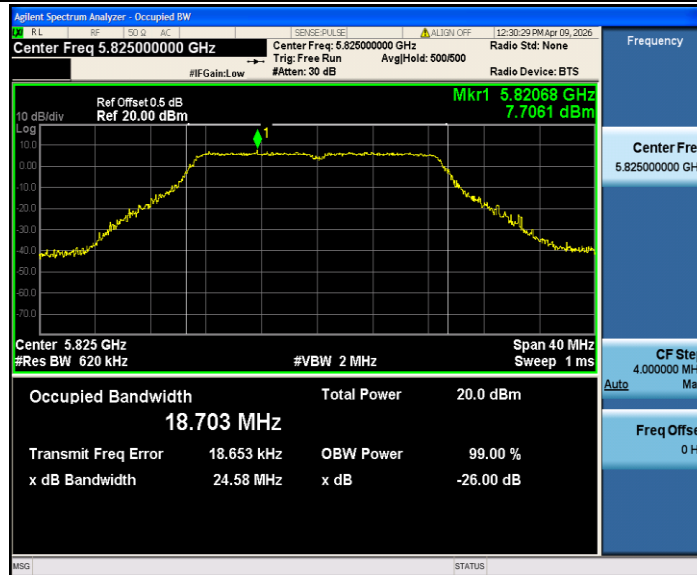
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



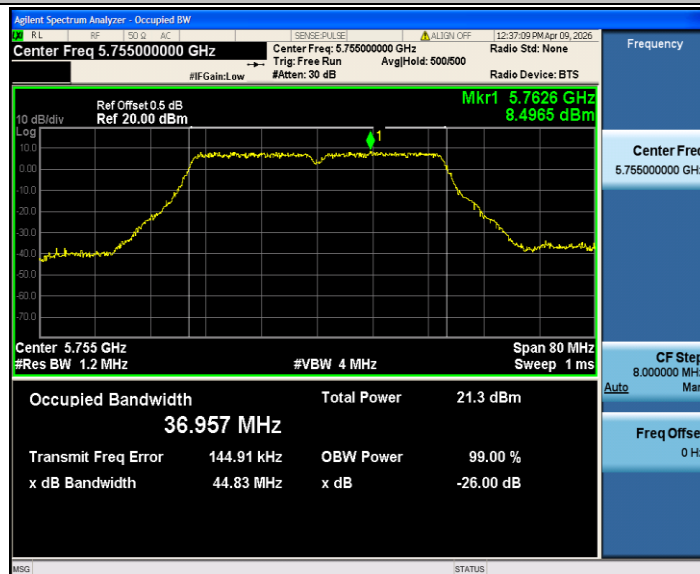
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



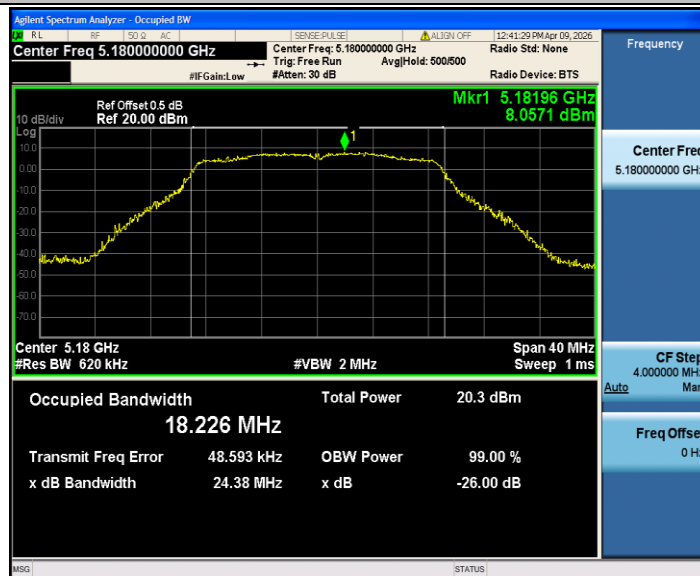
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



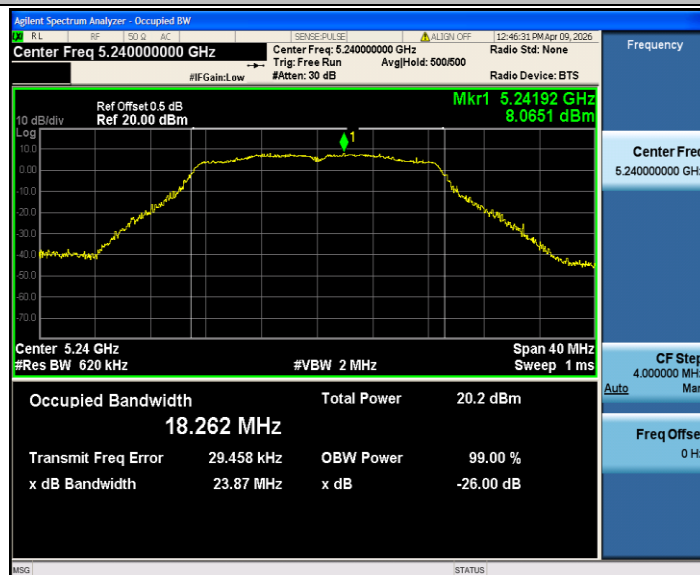
11AC20SISO_Ant1_5180



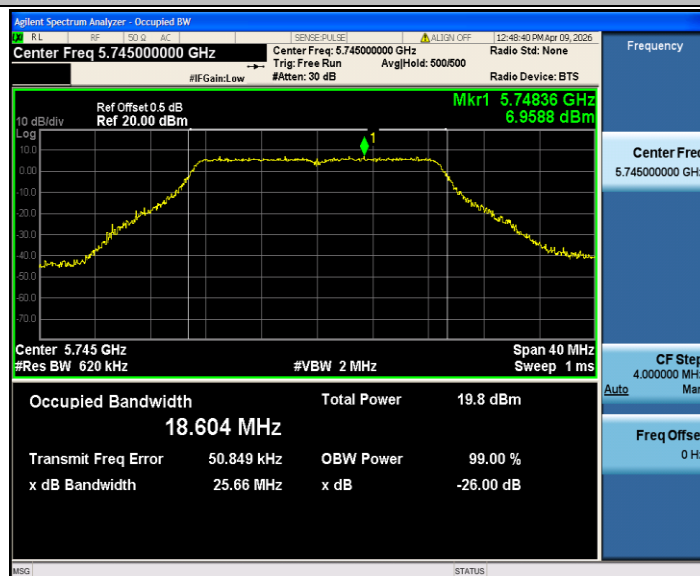
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



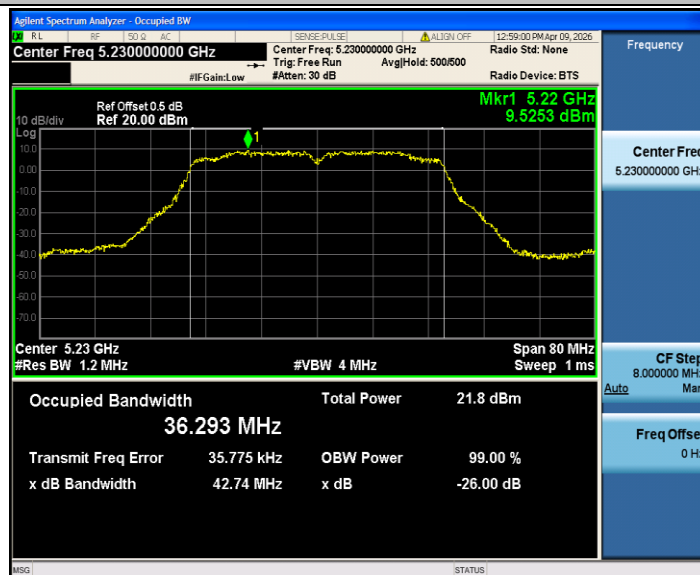
11AC20SISO_Ant1_5825



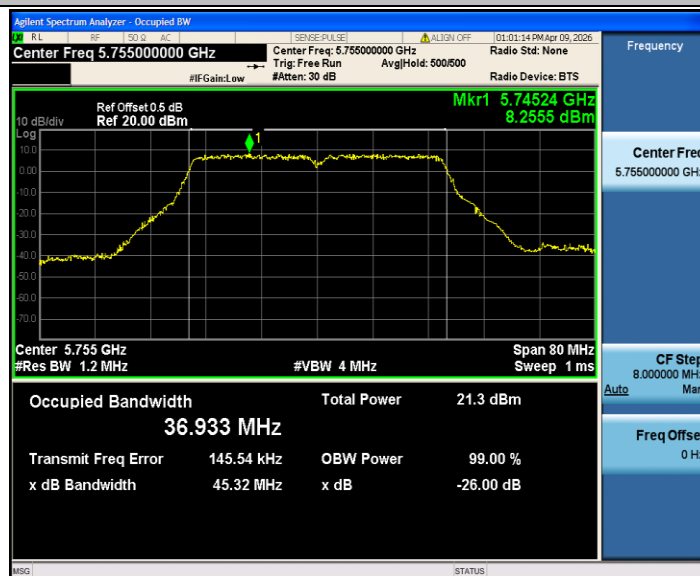
11AC40SISO_Ant1_5190



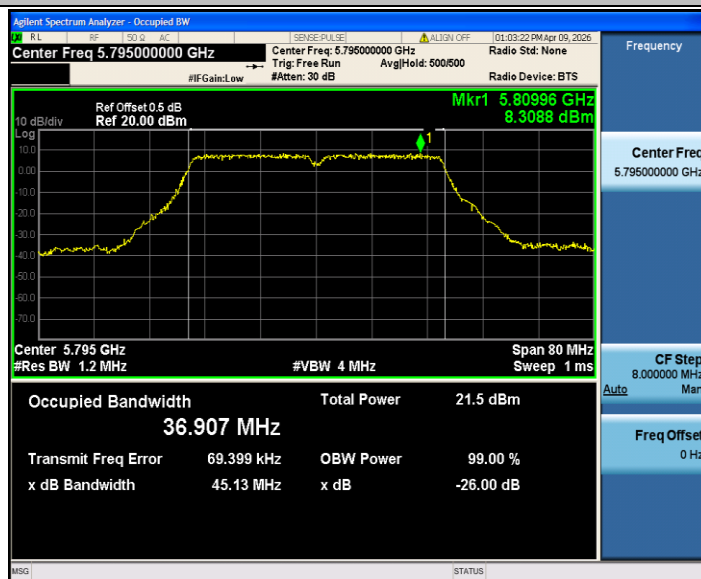
11AC40ISO_Ant1_5230



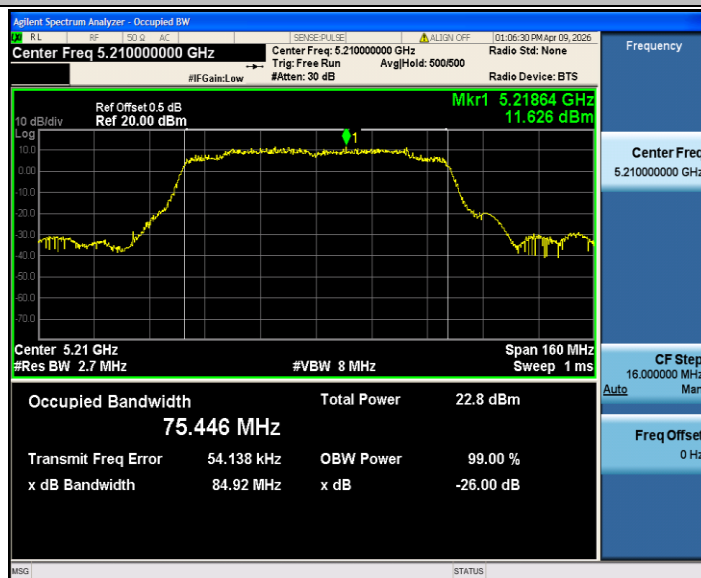
11AC40ISO_Ant1_5755



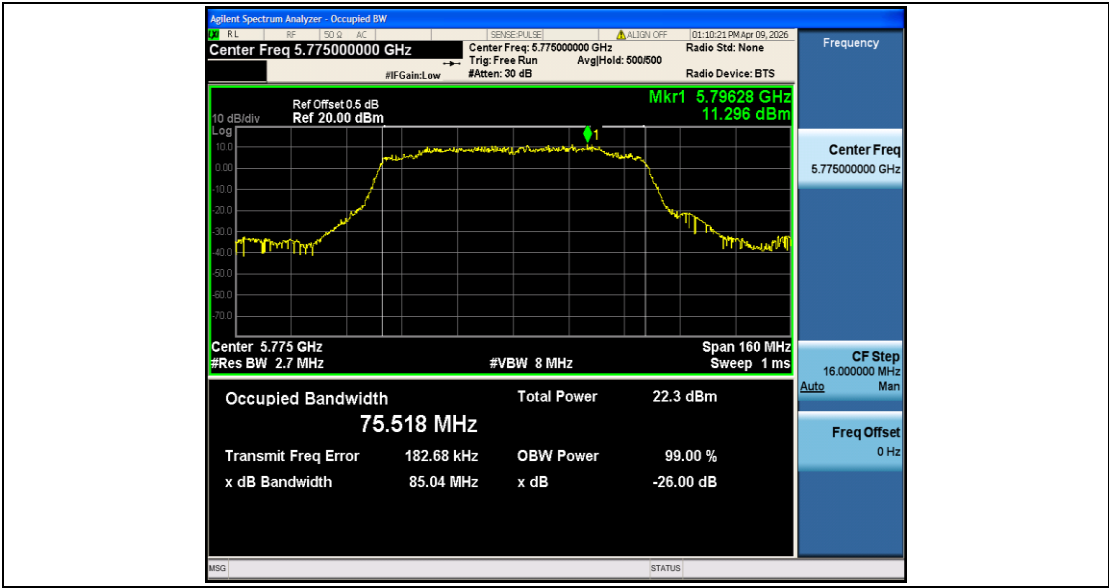
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



Appendix A3: Min emission bandwidth

Test Result B4

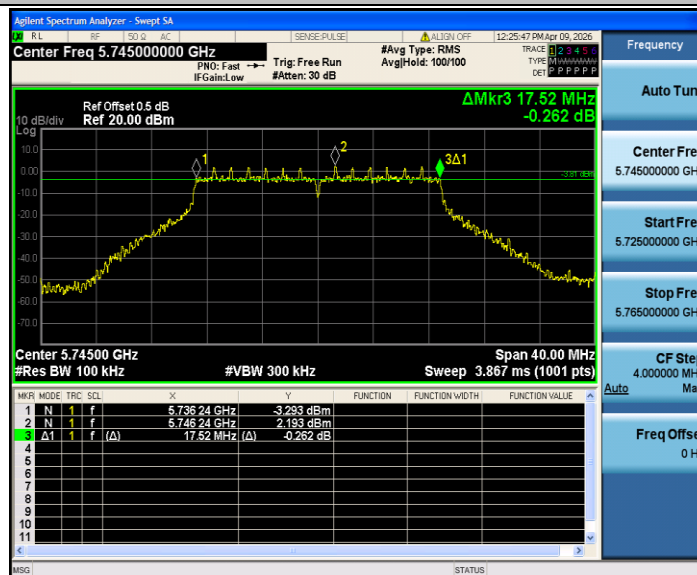
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.520	5736.240	5753.760	0.5	PASS
		5785	17.520	5776.240	5793.760	0.5	PASS
		5825	17.280	5816.240	5833.520	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.000	5777.080	5813.080	0.5	PASS
11AC20SISO	Ant1	5745	17.560	5736.240	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.440	5816.240	5833.680	0.5	PASS
11AC40SISO	Ant1	5755	36.080	5737.080	5773.160	0.5	PASS
		5795	36.080	5776.840	5812.920	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

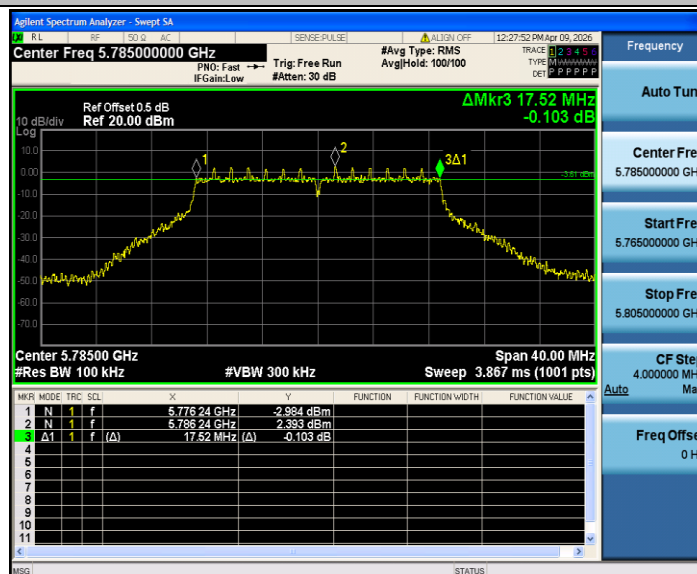




11N20SISO_Ant1_5745



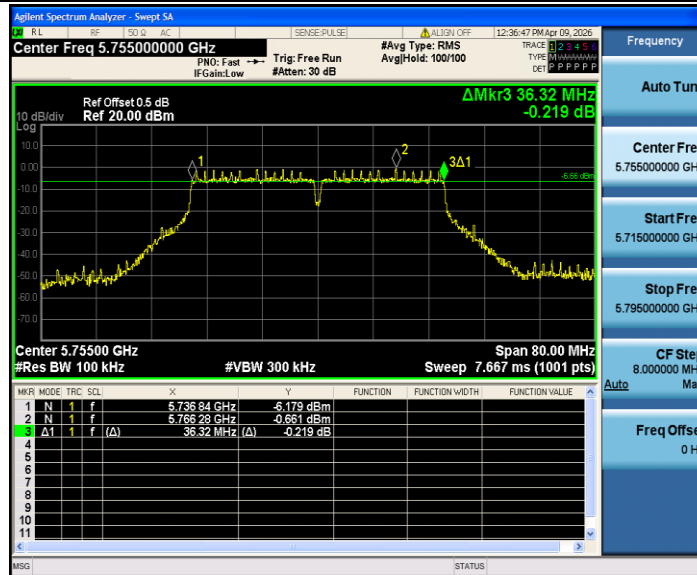
11N20SISO_Ant1_5785



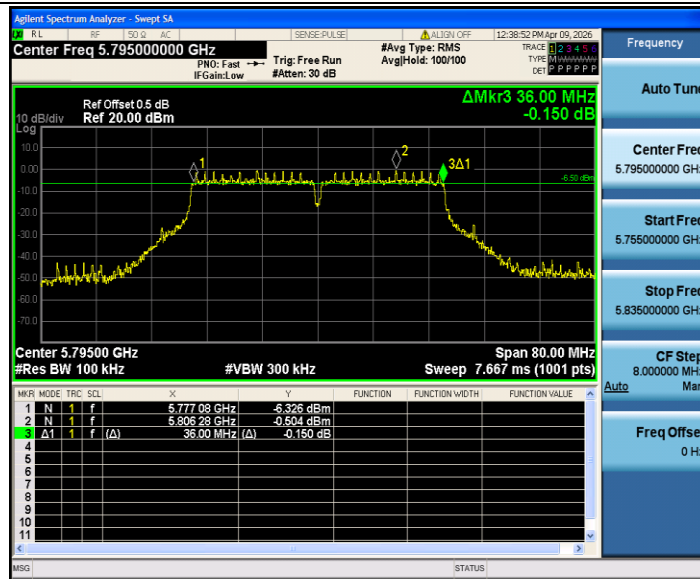
11N20SISO_Ant1_5825



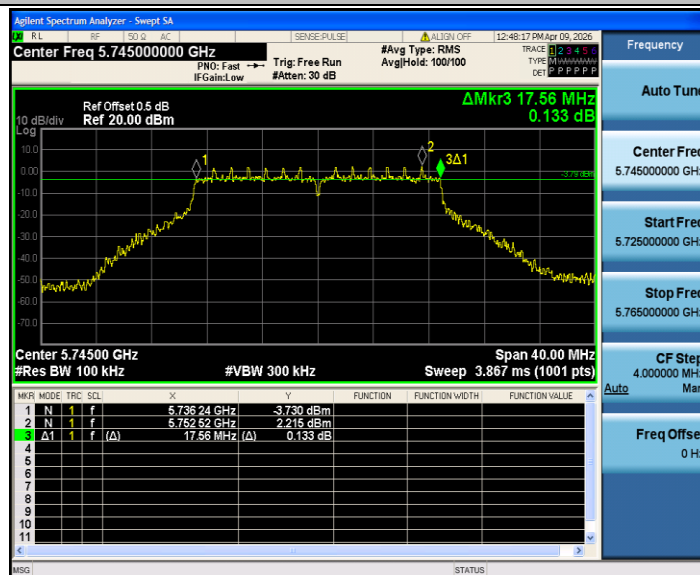
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

