

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2A6P9-NWCA01

Company : Promaster Electronic LLC

EUT : Wireless CP&AA adaptor

Model Number : NWCAA-1

Report No. : CTA25092701204

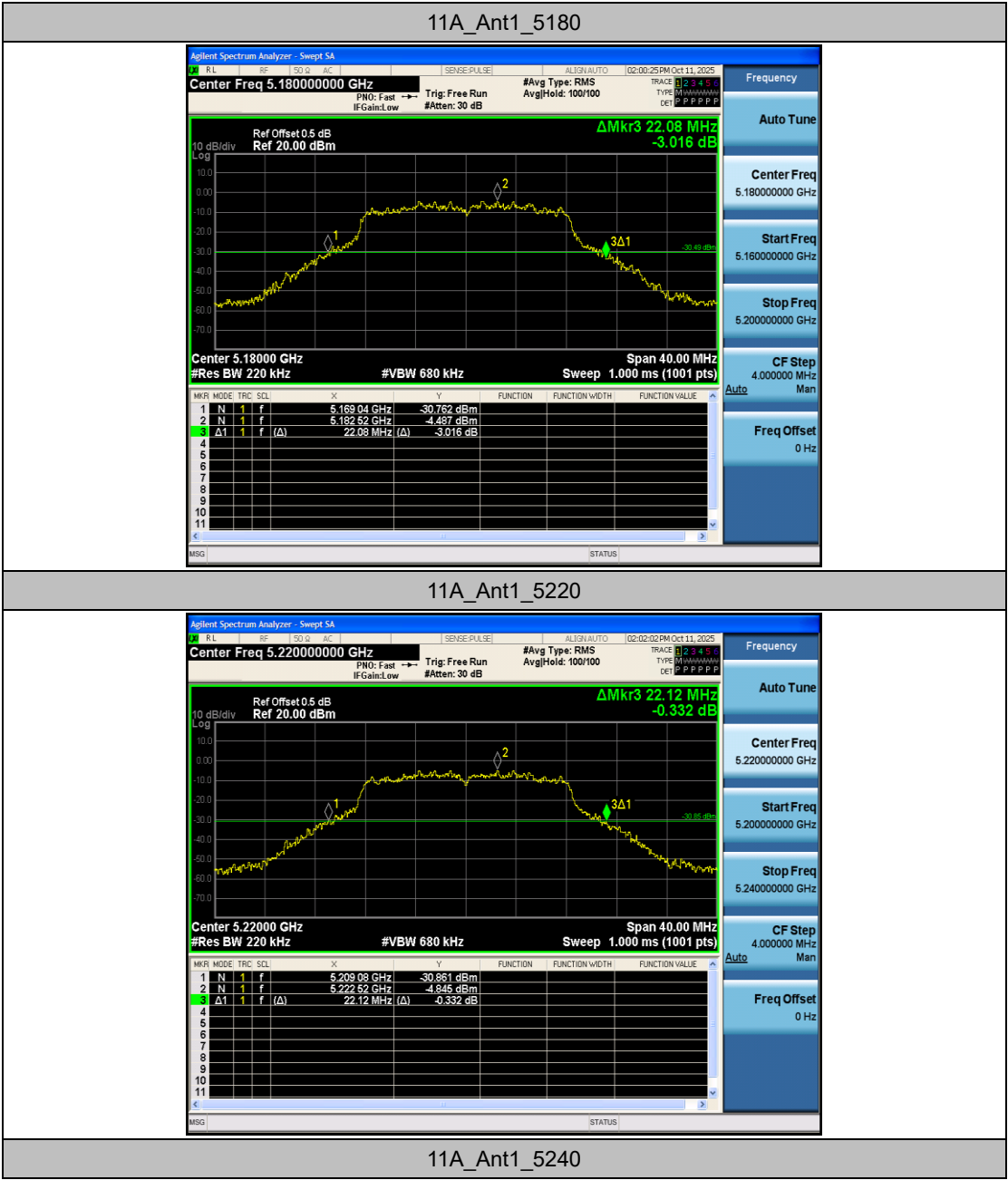
Reviewed By : Eric Wang

Appendix A1: Emission Bandwidth

Test Result

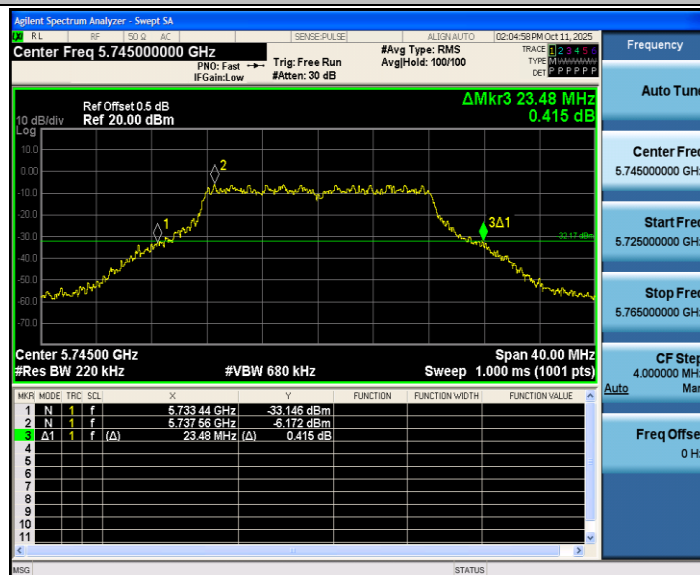
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.080	5169.040	5191.120	---	---
		5220	22.120	5209.080	5231.200	---	---
		5240	22.120	5229.360	5251.480	---	---
		5745	23.480	5733.440	5756.920	---	---
		5785	22.840	5773.680	5796.520	---	---
		5825	22.680	5813.400	5836.080	---	---
11N20SISO	Ant1	5180	22.640	5168.560	5191.200	---	---
		5220	22.480	5208.480	5230.960	---	---
		5240	22.280	5228.920	5251.200	---	---
		5745	23.480	5733.440	5756.920	---	---
		5785	23.360	5773.080	5796.440	---	---
		5825	24.080	5813.080	5837.160	---	---
11N40SISO	Ant1	5190	42.800	5168.640	5211.440	---	---
		5230	42.240	5208.880	5251.120	---	---
		5755	45.120	5732.840	5777.960	---	---
		5795	45.120	5772.680	5817.800	---	---
11AC20SISO	Ant1	5180	23.280	5169.000	5192.280	---	---
		5220	22.880	5208.680	5231.560	---	---
		5240	22.360	5229.040	5251.400	---	---
		5745	23.720	5733.520	5757.240	---	---
		5785	22.840	5773.560	5796.400	---	---
		5825	23.120	5813.480	5836.600	---	---
11AC40SISO	Ant1	5190	43.680	5169.040	5212.720	---	---
		5230	43.600	5209.120	5252.720	---	---
		5755	44.320	5733.560	5777.880	---	---
		5795	45.120	5772.840	5817.960	---	---
11AX20SISO	Ant1	5180	23.440	5168.280	5191.720	---	---
		5220	22.120	5209.160	5231.280	---	---
		5240	23.080	5228.400	5251.480	---	---
		5745	24.040	5733.000	5757.040	---	---
		5785	24.200	5773.400	5797.600	---	---
		5825	23.480	5813.080	5836.560	---	---
11AX40SISO	Ant1	5190	41.680	5168.880	5210.560	---	---
		5230	41.280	5209.360	5250.640	---	---
		5755	43.840	5733.800	5777.640	---	---
		5795	43.360	5774.120	5817.480	---	---

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



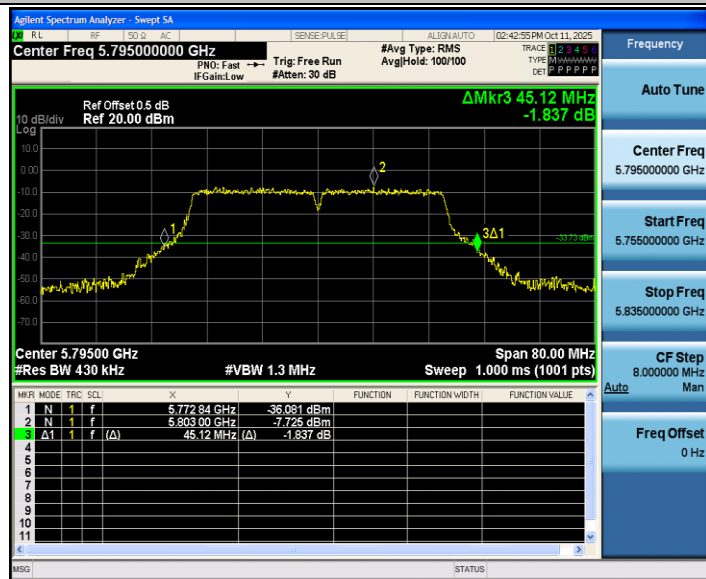
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



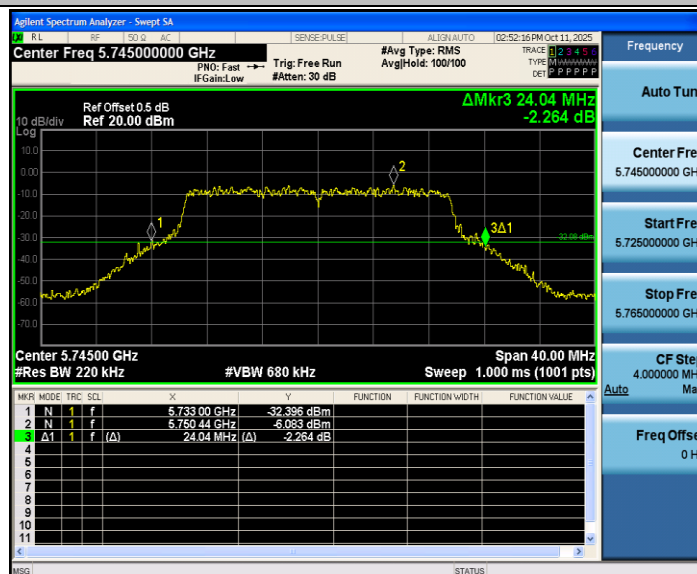
11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



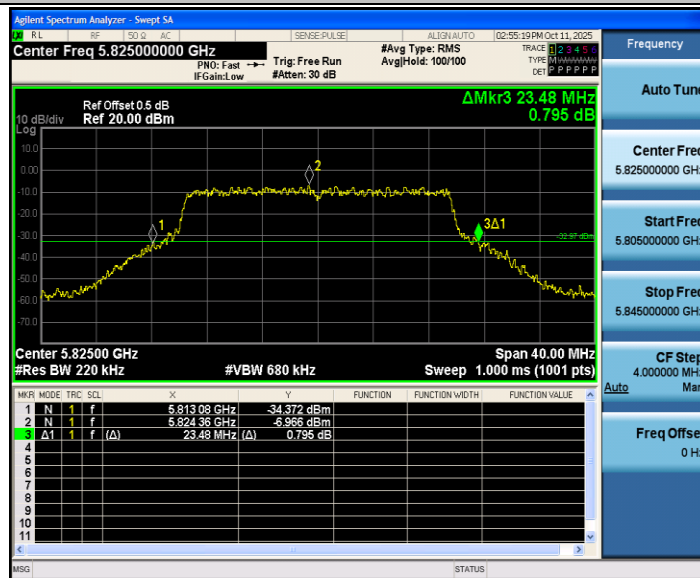
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



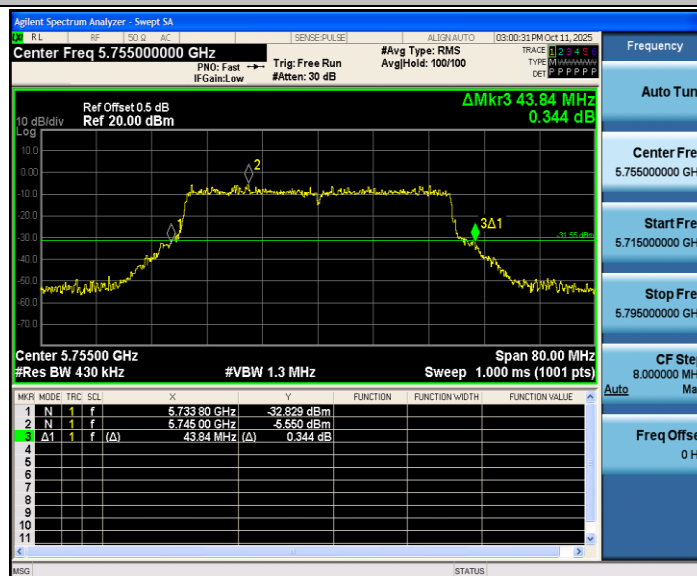
11AX40SISO_Ant1_5190



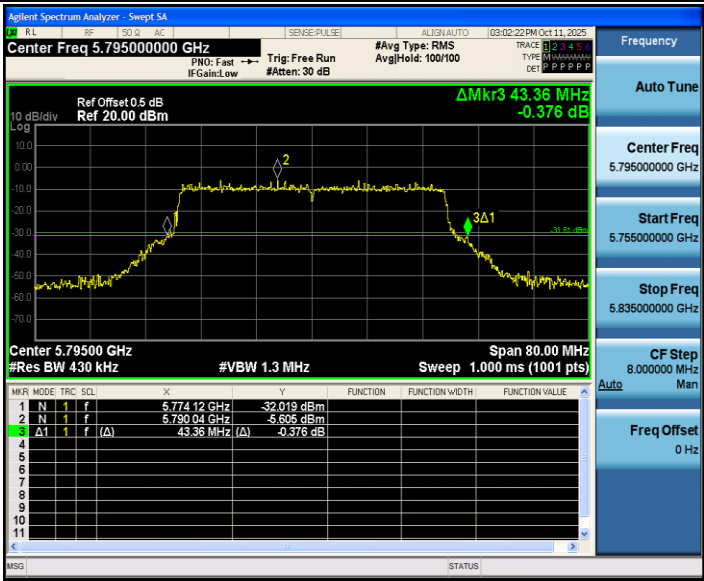
11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



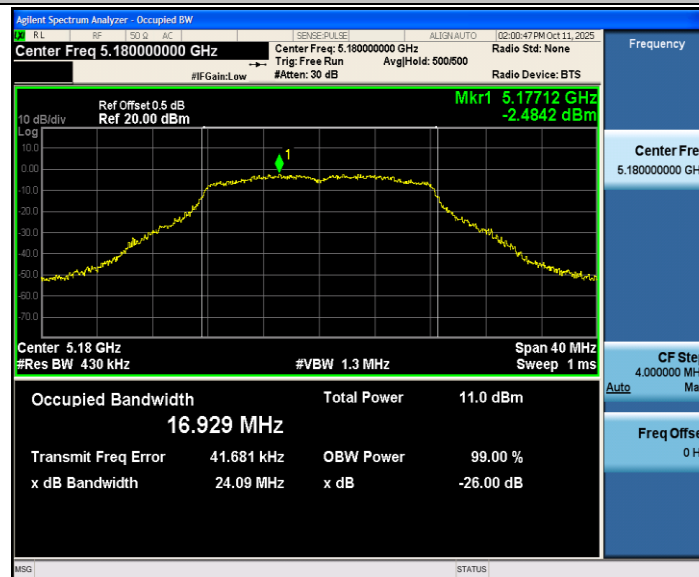
Appendix A2: Occupied channel bandwidth

Test Result

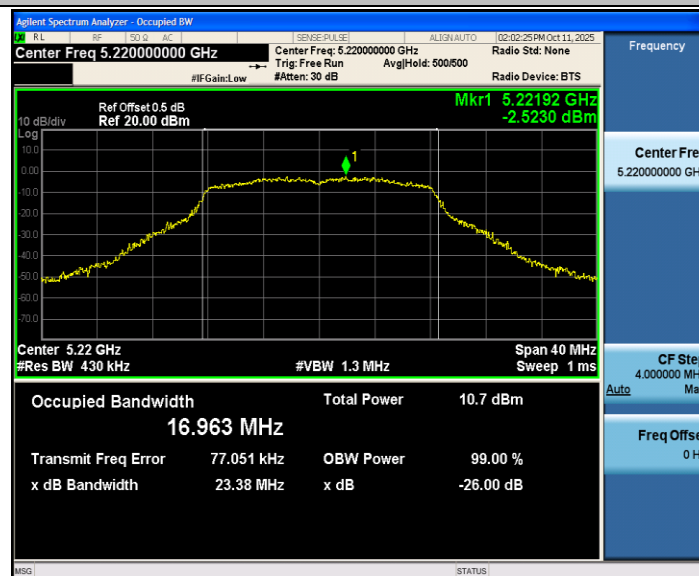
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.929	5171.5772	5188.5062	---	---
		5220	16.963	5211.5956	5228.5586	---	---
		5240	16.922	5231.5958	5248.5178	---	---
		5745	17.262	5736.4043	5753.6663	---	---
		5785	17.303	5776.3827	5793.6857	---	---
		5825	17.295	5816.4016	5833.6966	---	---
11N20SISO	Ant1	5180	18.021	5171.0446	5189.0656	---	---
		5220	18.026	5211.0447	5229.0707	---	---
		5240	18.027	5231.0211	5249.0481	---	---
		5745	18.327	5735.8210	5754.1480	---	---
		5785	18.368	5775.8324	5794.2004	---	---
		5825	18.295	5815.9057	5834.2007	---	---
11N40SISO	Ant1	5190	36.136	5172.0224	5208.1584	---	---
		5230	36.180	5211.9773	5248.1573	---	---
		5755	36.769	5736.6868	5773.4558	---	---
		5795	36.782	5776.6630	5813.4450	---	---
11AC20SISO	Ant1	5180	18.012	5171.0557	5189.0677	---	---
		5220	17.980	5211.0582	5229.0382	---	---
		5240	18.005	5231.0639	5249.0689	---	---
		5745	18.328	5735.8334	5754.1614	---	---
		5785	18.297	5775.8560	5794.1530	---	---
		5825	18.284	5815.8798	5834.1638	---	---
11AC40SISO	Ant1	5190	36.210	5171.9902	5208.2002	---	---
		5230	36.214	5211.9642	5248.1782	---	---
		5755	36.710	5736.7239	5773.4339	---	---
		5795	36.698	5776.7421	5813.4401	---	---
11AX20SISO	Ant1	5180	18.989	5170.5425	5189.5315	---	---
		5220	18.981	5210.5646	5229.5456	---	---
		5240	18.964	5230.5647	5249.5287	---	---
		5745	19.175	5735.4427	5754.6177	---	---
		5785	19.268	5775.4008	5794.6688	---	---
		5825	19.257	5815.4091	5834.6661	---	---
11AX40SISO	Ant1	5190	37.696	5171.2676	5208.9636	---	---
		5230	37.638	5211.2870	5248.9250	---	---
		5755	38.184	5735.9723	5774.1563	---	---
		5795	38.090	5776.0379	5814.1279	---	---

Test Graphs

11A_Ant1_5180



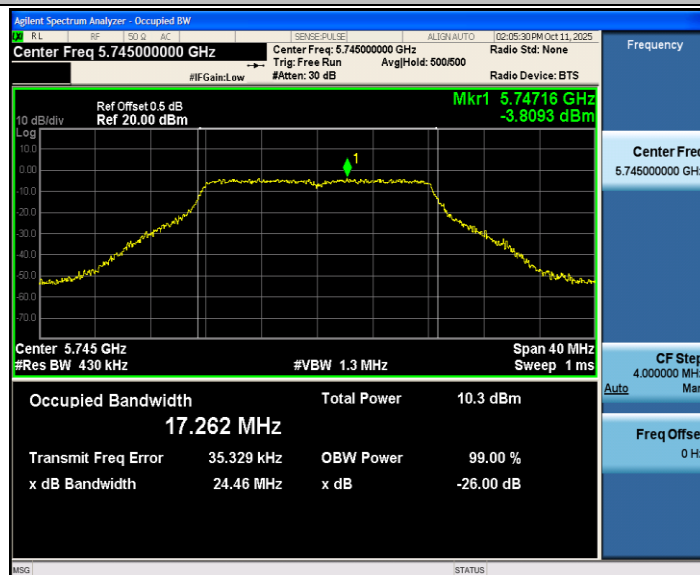
11A_Ant1_5220



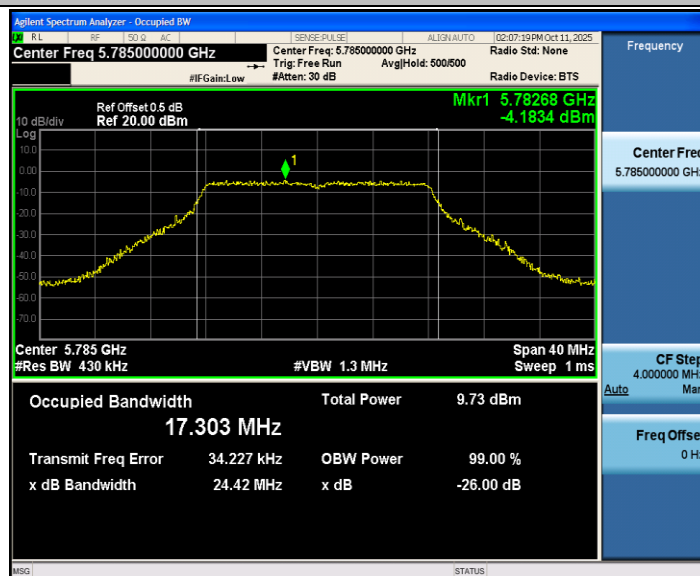
11A_Ant1_5240



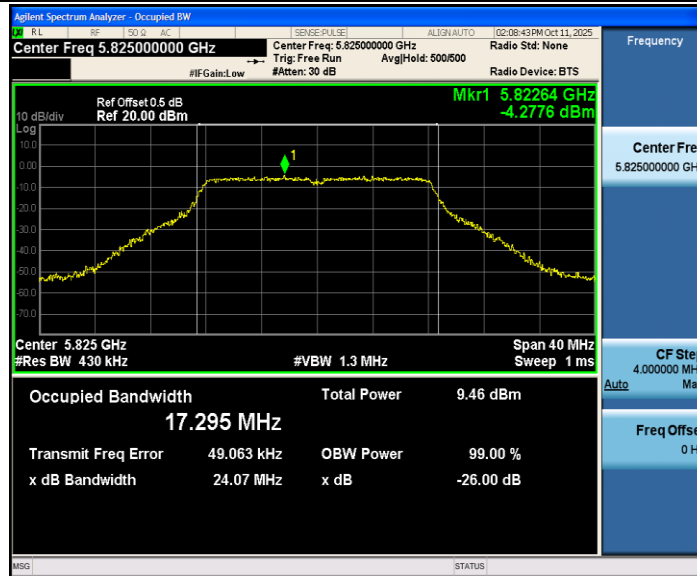
11A_Ant1_5745



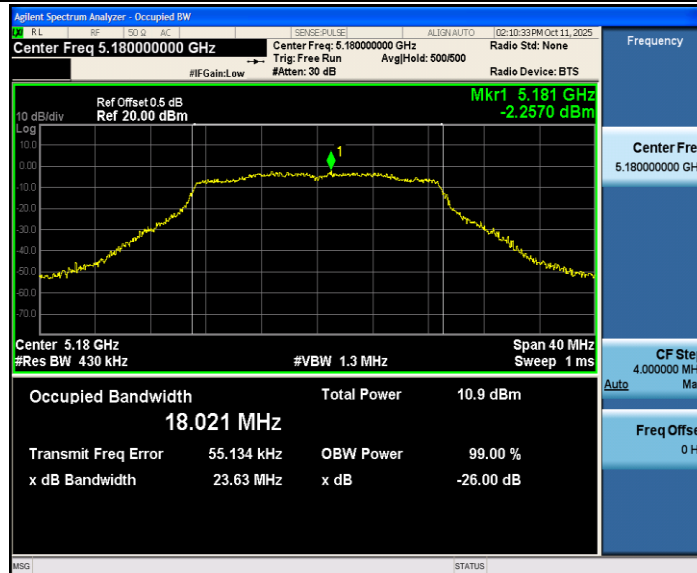
11A_Ant1_5785



11A_Ant1_5825



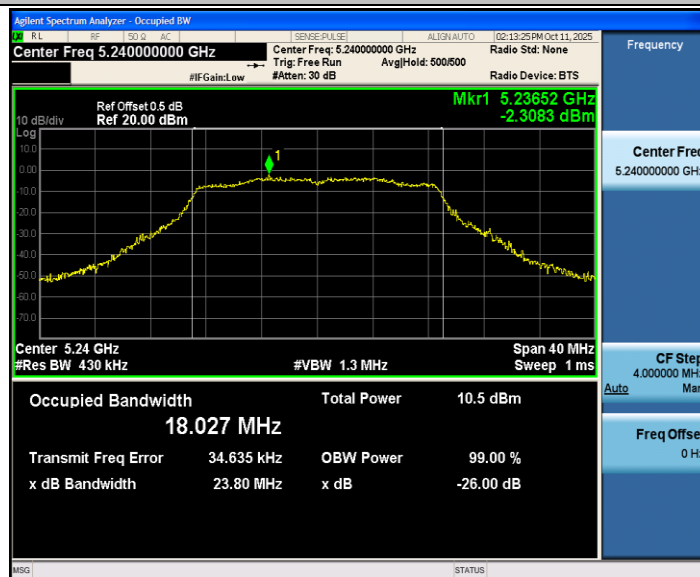
11N20SISO_Ant1_5180



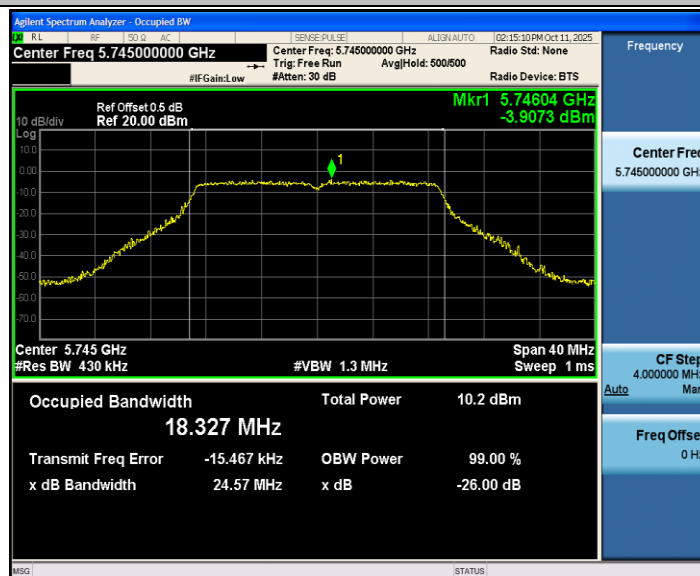
11N20SISO_Ant1_5220



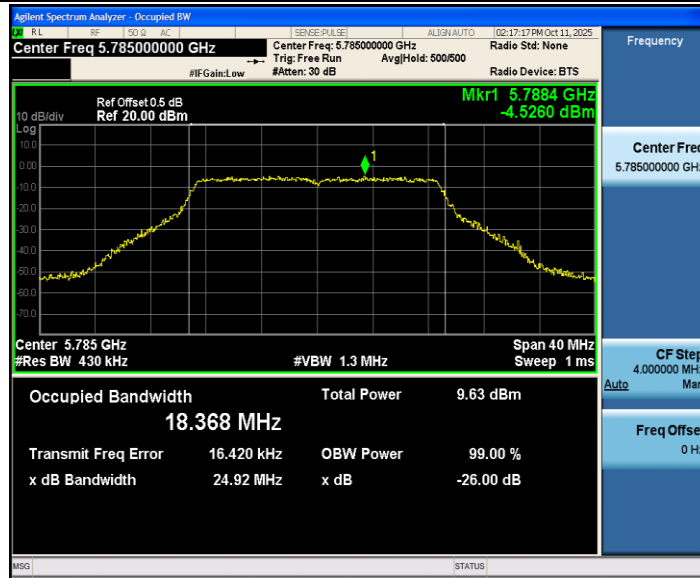
11N20SISO_Ant1_5240



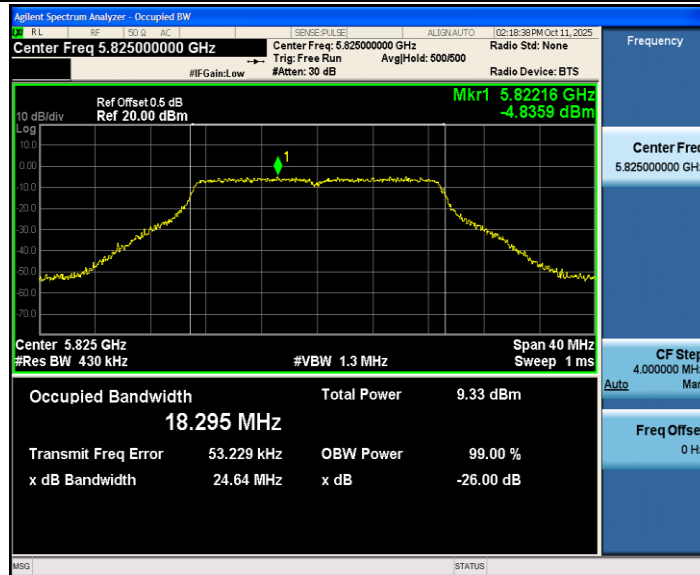
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



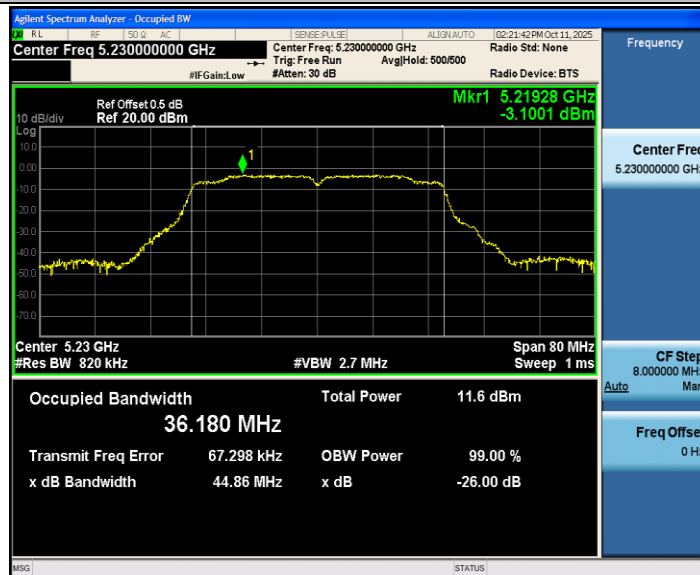
11N20SISO_Ant1_5825



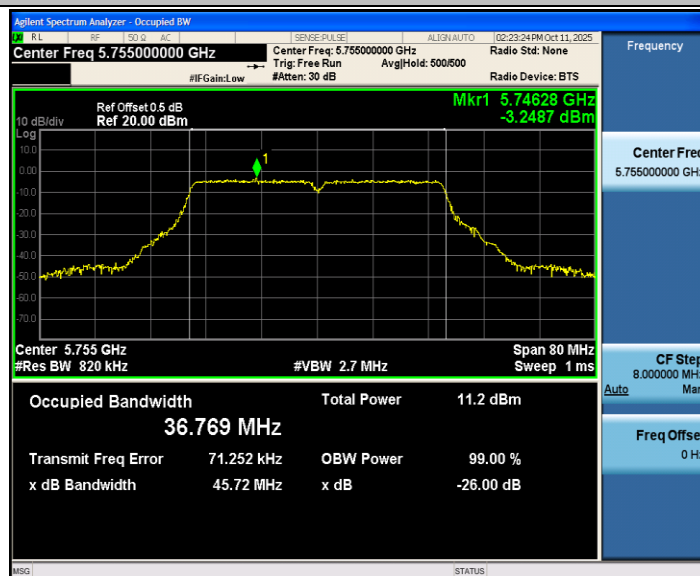
11N40SISO_Ant1_5190



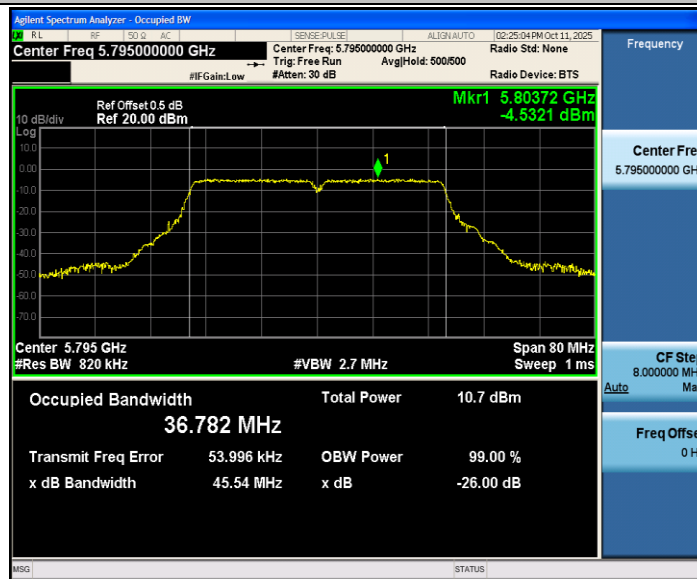
11N40SISO_Ant1_5230



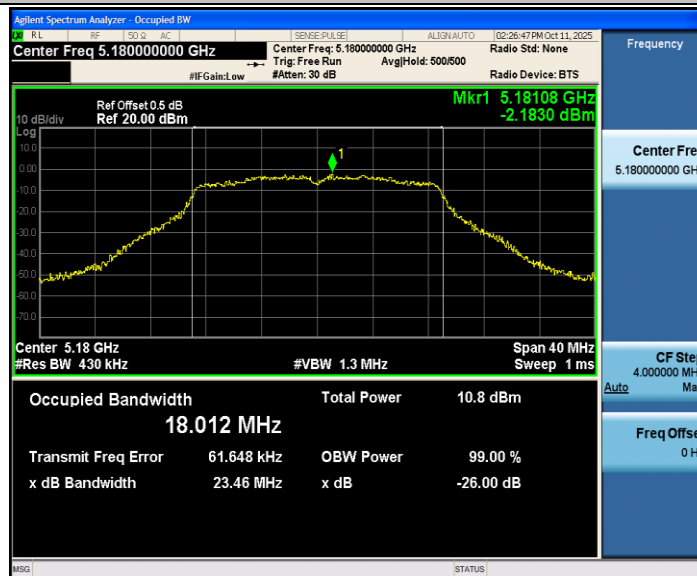
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



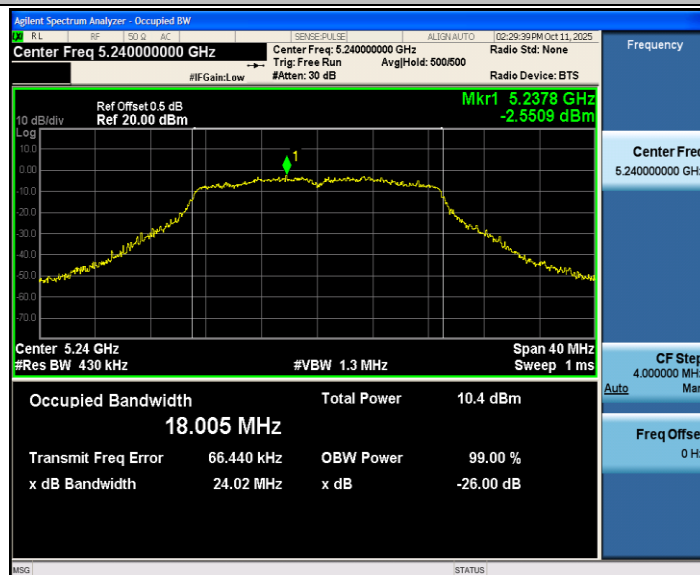
11AC20SISO_Ant1_5180



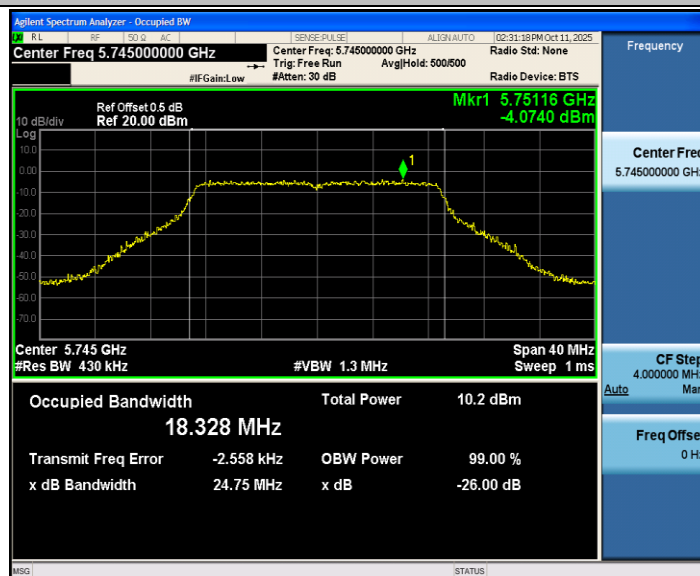
11AC20SISO_Ant1_5220



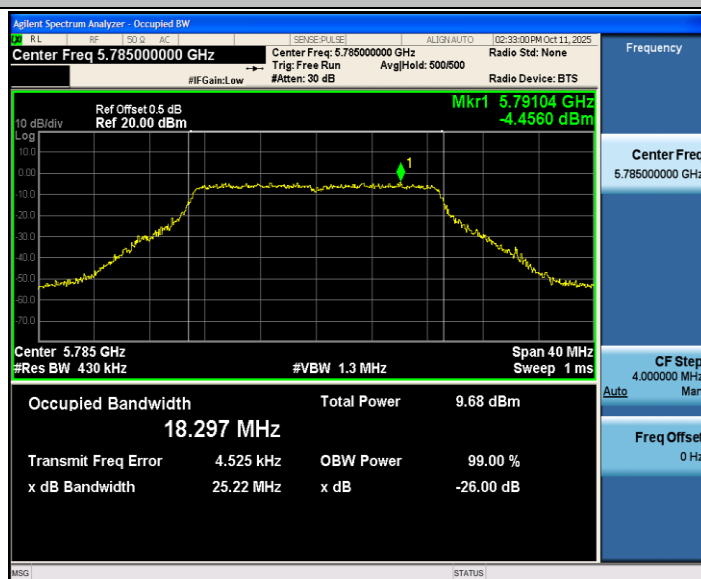
11AC20SISO_Ant1_5240



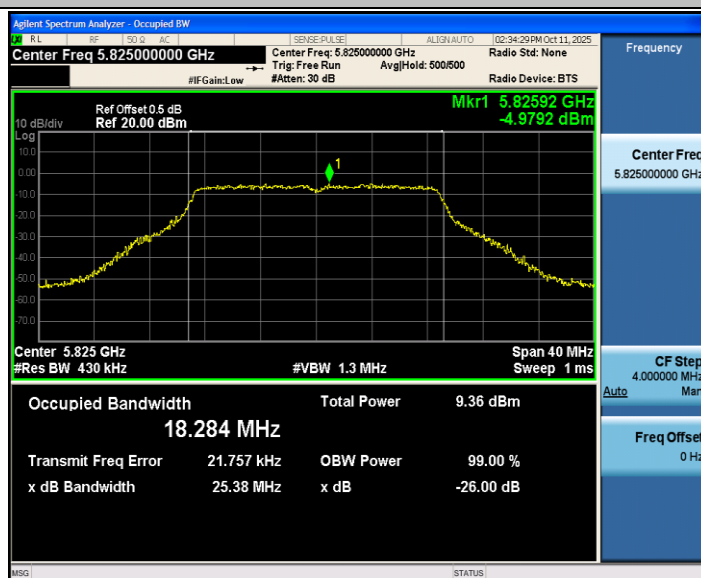
11AC20SISO_Ant1_5745



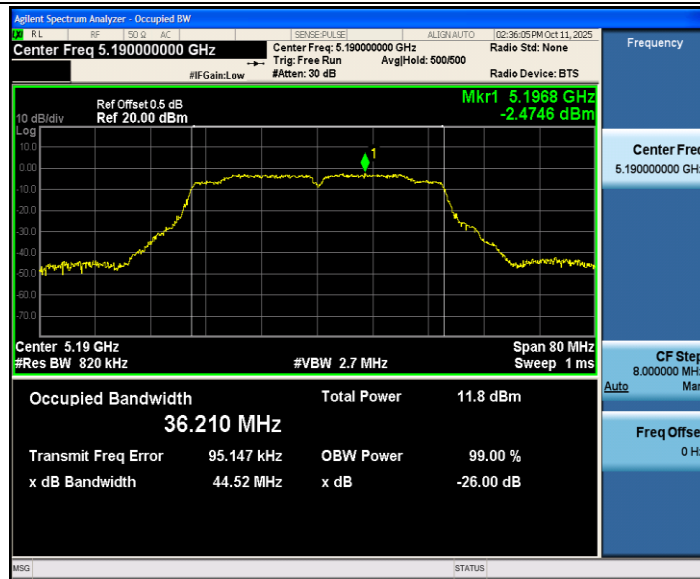
11AC20SISO_Ant1_5785



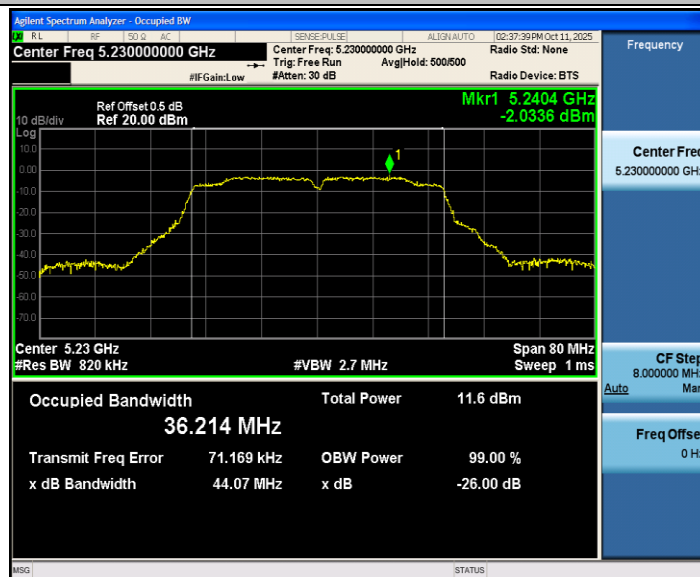
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755

