

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2BXL6-MORTALX5S

Company : Shenzhen Xinghe Video Communication Co., Ltd

EUT : TV BOX

Model Number : MORTAL X5S

Report No. : CTA26070601203

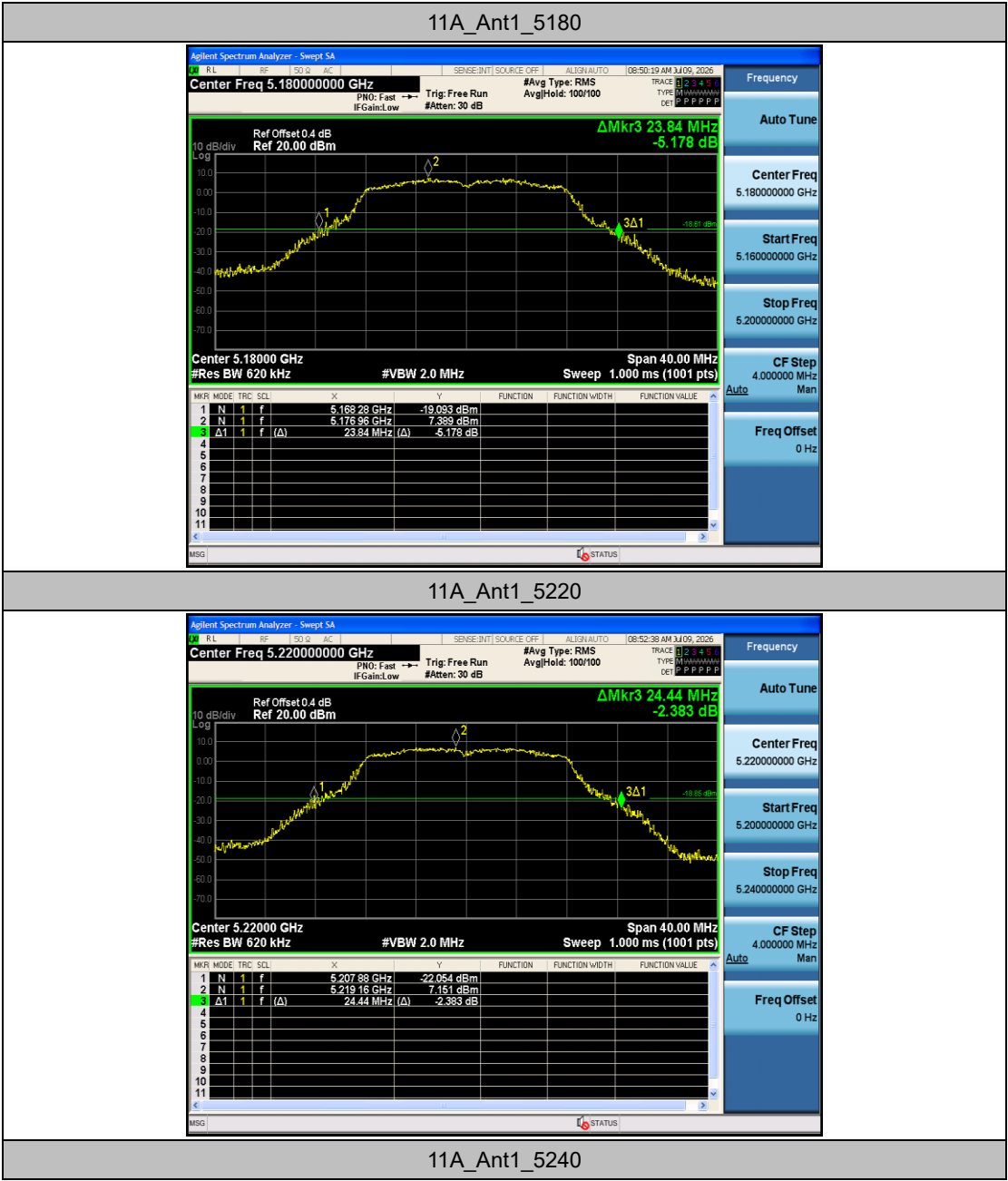
Reviewed By : Eric Wang

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.840	5168.280	5192.120	---	---
		5220	24.440	5207.880	5232.320	---	---
		5240	23.840	5228.000	5251.840	---	---
		5745	24.280	5732.720	5757.000	---	---
		5785	24.280	5772.800	5797.080	---	---
		5825	24.040	5812.600	5836.640	---	---
11N20SISO	Ant1	5180	24.600	5168.360	5192.960	---	---
		5220	23.880	5208.080	5231.960	---	---
		5240	23.840	5228.520	5252.360	---	---
		5745	24.640	5732.640	5757.280	---	---
		5785	23.600	5773.120	5796.720	---	---
		5825	25.440	5812.280	5837.720	---	---
11N40SISO	Ant1	5190	41.920	5169.200	5211.120	---	---
		5230	42.880	5208.720	5251.600	---	---
		5755	45.040	5733.080	5778.120	---	---
		5795	45.360	5772.680	5818.040	---	---
11AC20SISO	Ant1	5180	23.640	5168.000	5191.640	---	---
		5220	23.400	5207.920	5231.320	---	---
		5240	22.440	5228.680	5251.120	---	---
		5745	23.800	5732.920	5756.720	---	---
		5785	25.040	5772.800	5797.840	---	---
		5825	24.640	5812.840	5837.480	---	---
11AC40SISO	Ant1	5190	42.800	5168.640	5211.440	---	---
		5230	43.520	5208.400	5251.920	---	---
		5755	44.640	5733.080	5777.720	---	---
		5795	44.480	5773.320	5817.800	---	---
11AX20SISO	Ant1	5180	22.520	5168.960	5191.480	---	---
		5220	23.120	5208.400	5231.520	---	---
		5240	22.520	5228.480	5251.000	---	---
		5745	24.400	5732.360	5756.760	---	---
		5785	23.840	5772.760	5796.600	---	---
		5825	24.120	5813.200	5837.320	---	---
11AX40SISO	Ant1	5190	42.160	5169.040	5211.200	---	---
		5230	43.120	5208.560	5251.680	---	---
		5755	43.920	5733.480	5777.400	---	---
		5795	43.840	5773.320	5817.160	---	---

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



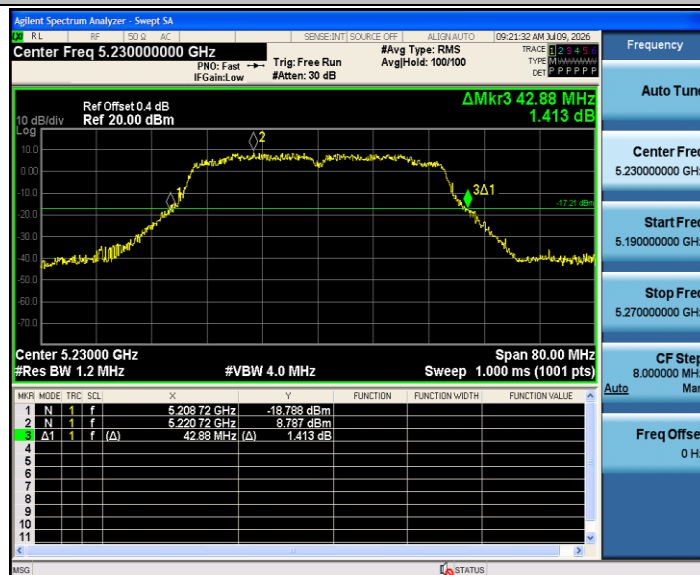
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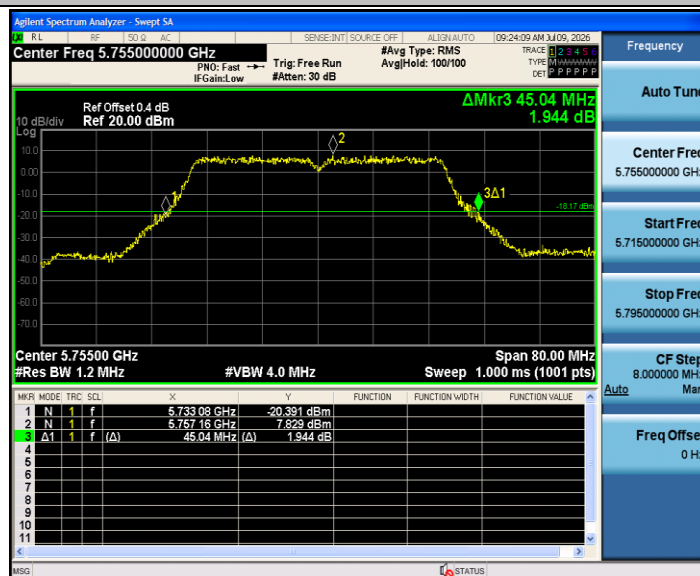
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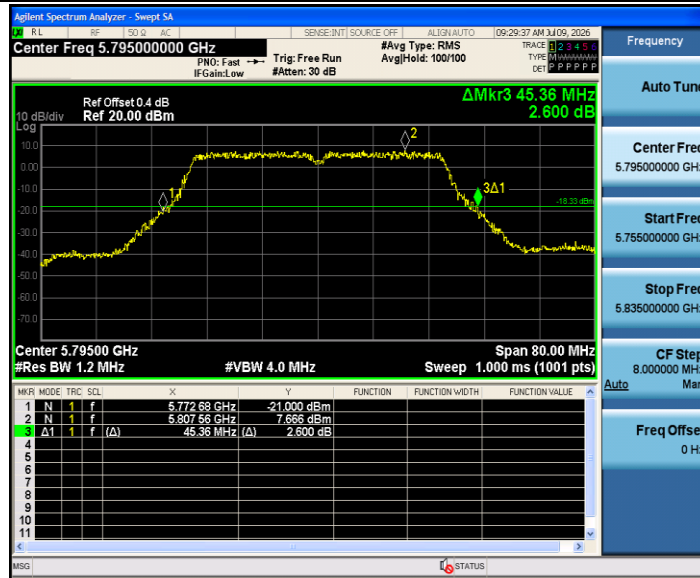
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11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



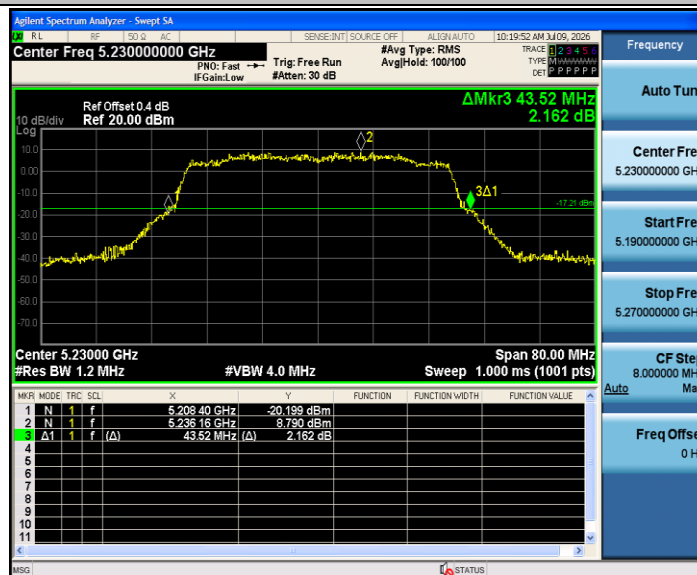
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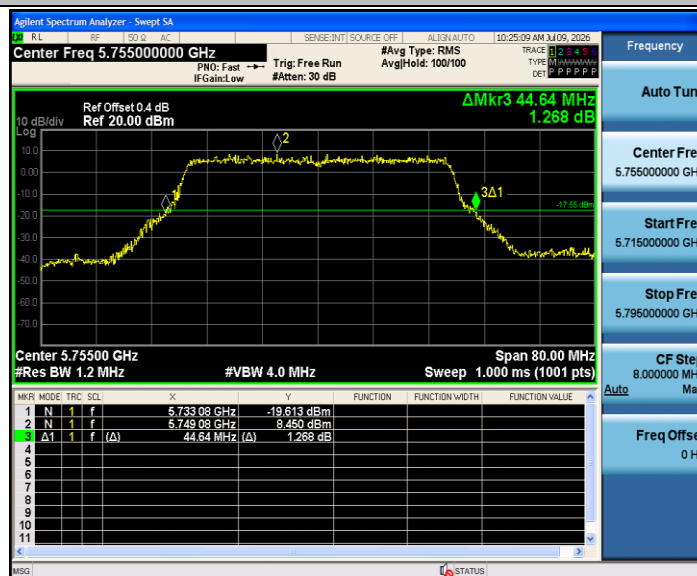
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11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



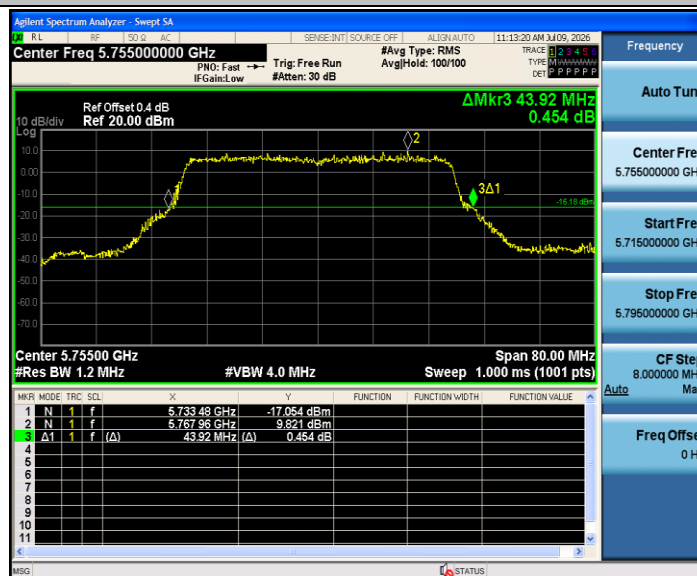
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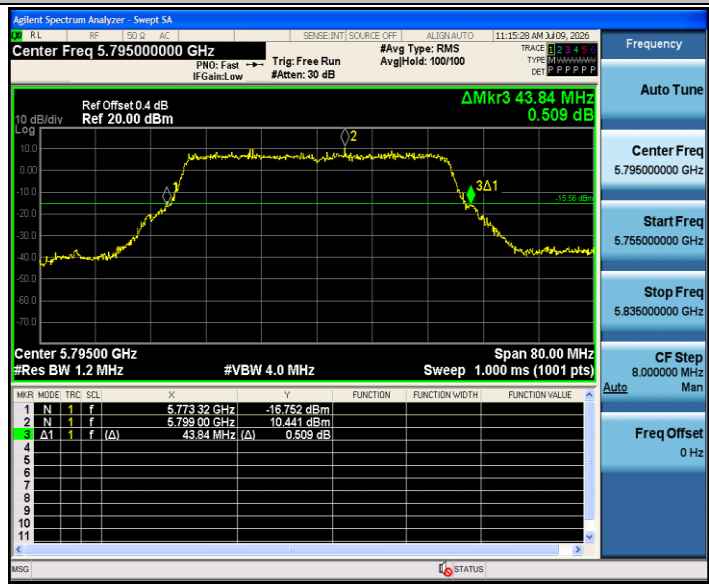
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11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

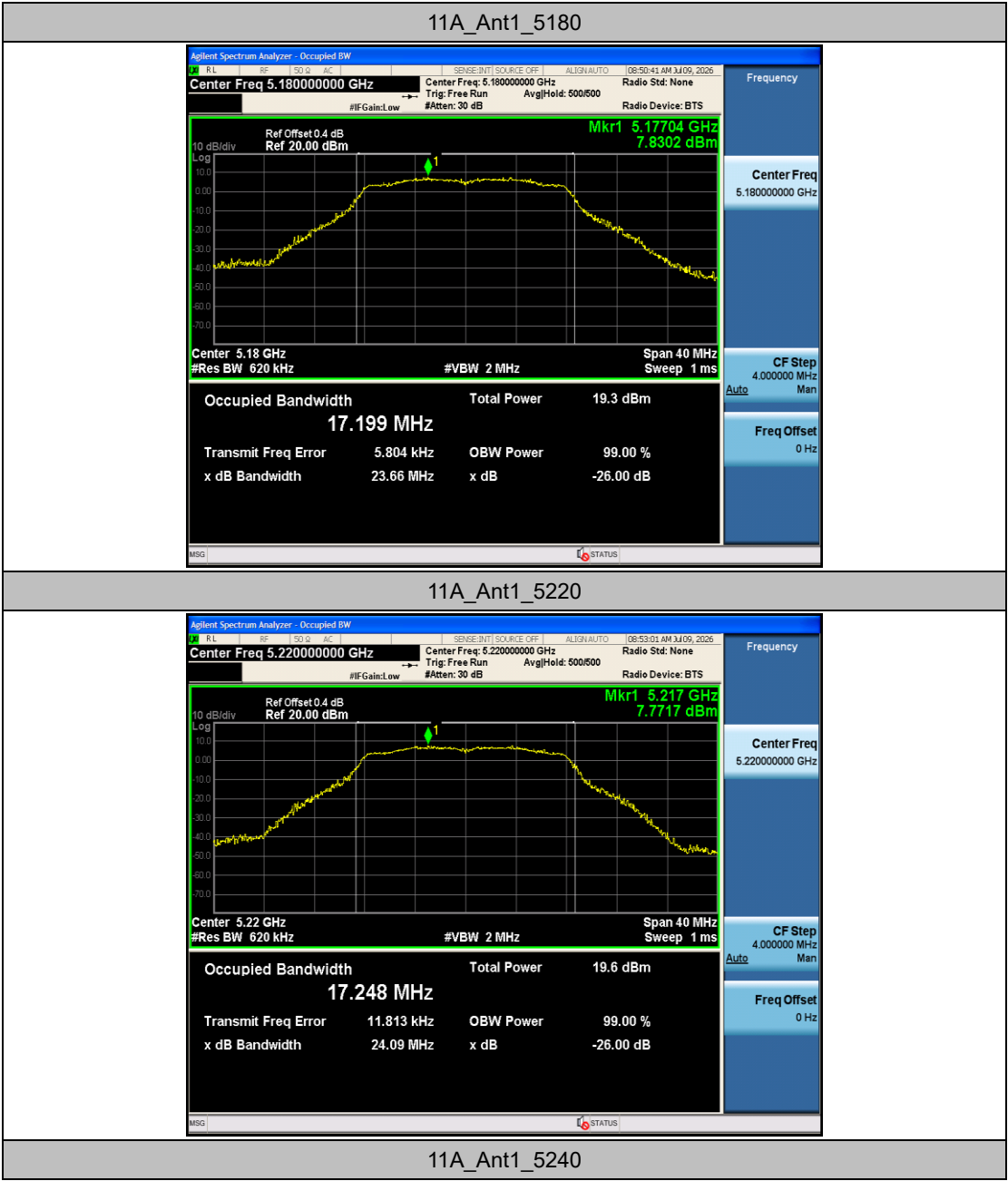


Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.199	5171.4063	5188.6053	---	---
		5220	17.248	5211.3878	5228.6358	---	---
		5240	17.277	5231.3559	5248.6329	---	---
		5745	17.644	5736.1584	5753.8024	---	---
		5785	17.577	5776.2393	5793.8163	---	---
		5825	17.639	5816.1449	5833.7839	---	---
11N20SISO	Ant1	5180	18.253	5170.8753	5189.1283	---	---
		5220	18.223	5210.8640	5229.0870	---	---
		5240	18.241	5230.8633	5249.1043	---	---
		5745	18.722	5735.6241	5754.3461	---	---
		5785	18.684	5775.6615	5794.3455	---	---
		5825	18.563	5815.6781	5834.2411	---	---
11N40SISO	Ant1	5190	36.306	5171.8890	5208.1950	---	---
		5230	36.330	5211.9431	5248.2731	---	---
		5755	36.955	5736.5855	5773.5405	---	---
		5795	36.971	5776.6262	5813.5972	---	---
11AC20SISO	Ant1	5180	19.090	5170.4892	5189.5792	---	---
		5220	19.085	5210.4730	5229.5580	---	---
		5240	19.107	5230.4541	5249.5611	---	---
		5745	19.462	5735.2713	5754.7333	---	---
		5785	19.363	5775.3150	5794.6780	---	---
		5825	19.451	5815.2474	5834.6984	---	---
11AC40SISO	Ant1	5190	37.722	5171.1943	5208.9163	---	---
		5230	37.911	5211.0615	5248.9725	---	---
		5755	38.279	5735.9442	5774.2232	---	---
		5795	38.264	5775.9568	5814.2208	---	---
11AX20SISO	Ant1	5180	19.117	5170.4886	5189.6056	---	---
		5220	19.064	5210.4741	5229.5381	---	---
		5240	19.110	5230.4762	5249.5862	---	---
		5745	19.397	5735.3011	5754.6981	---	---
		5785	19.397	5775.3109	5794.7079	---	---
		5825	19.414	5815.3087	5834.7227	---	---
11AX40SISO	Ant1	5190	37.787	5171.1470	5208.9340	---	---
		5230	37.786	5211.1788	5248.9648	---	---
		5755	38.342	5735.9234	5774.2654	---	---
		5795	38.261	5775.9568	5814.2178	---	---

Test Graphs

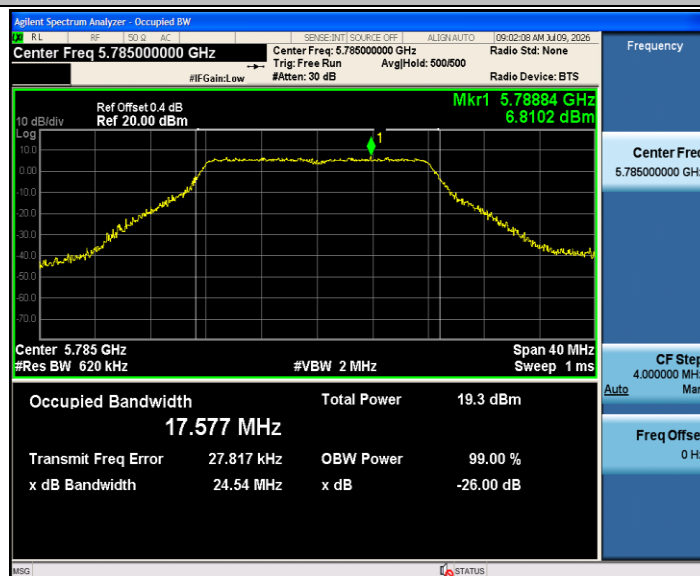




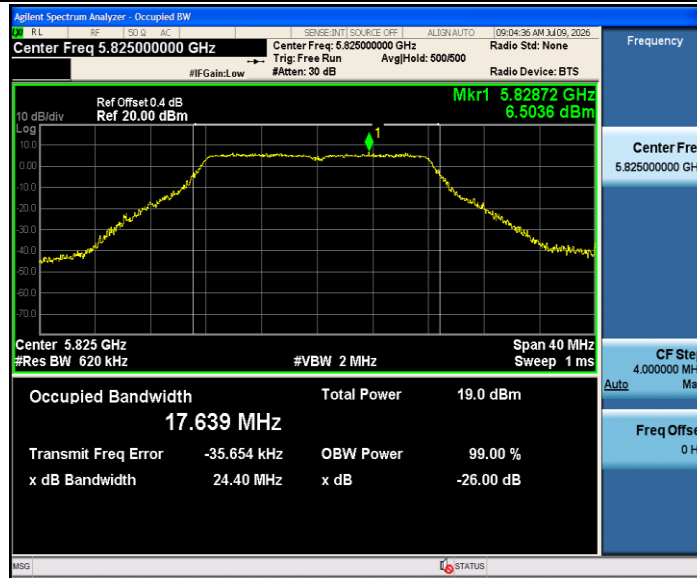
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11A_Ant1_5785



11A_Ant1_5825



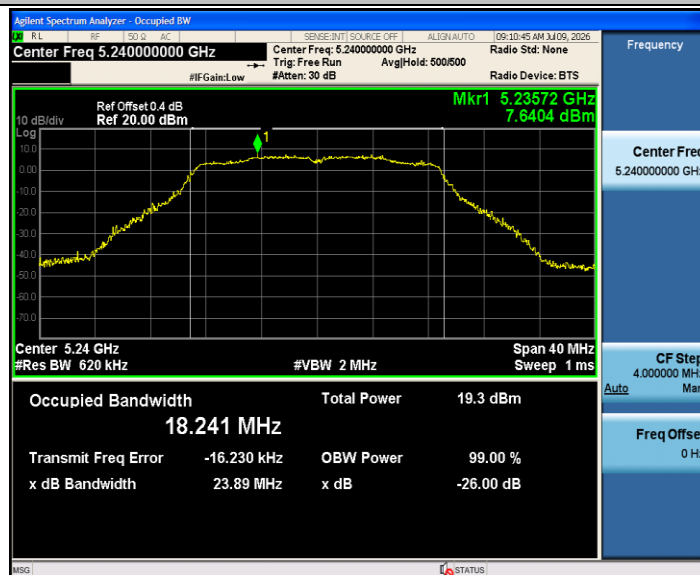
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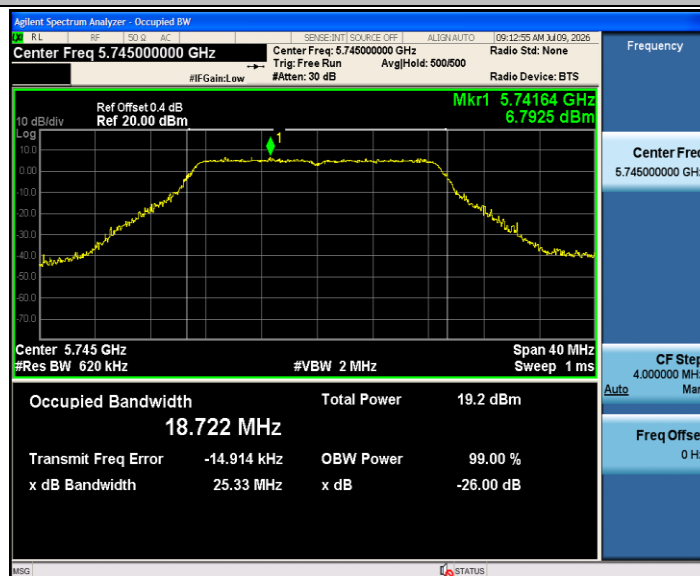
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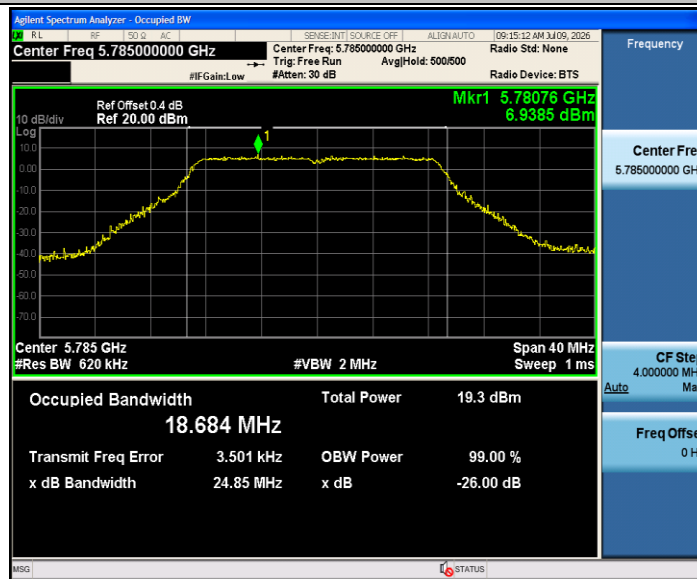
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11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



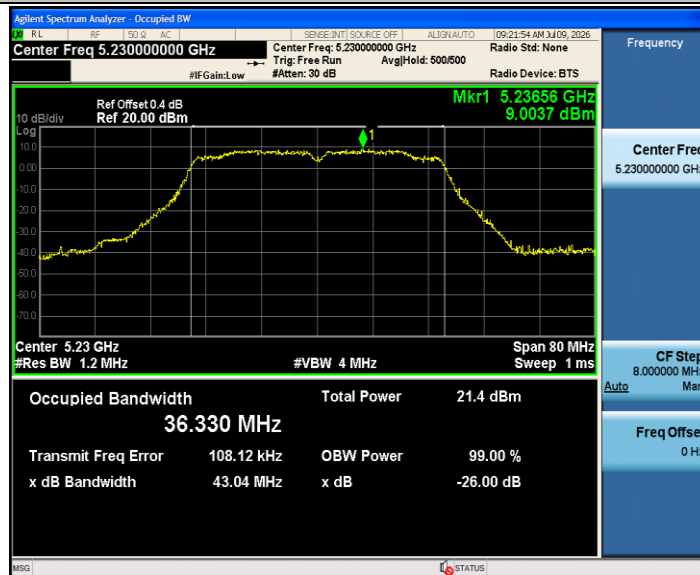
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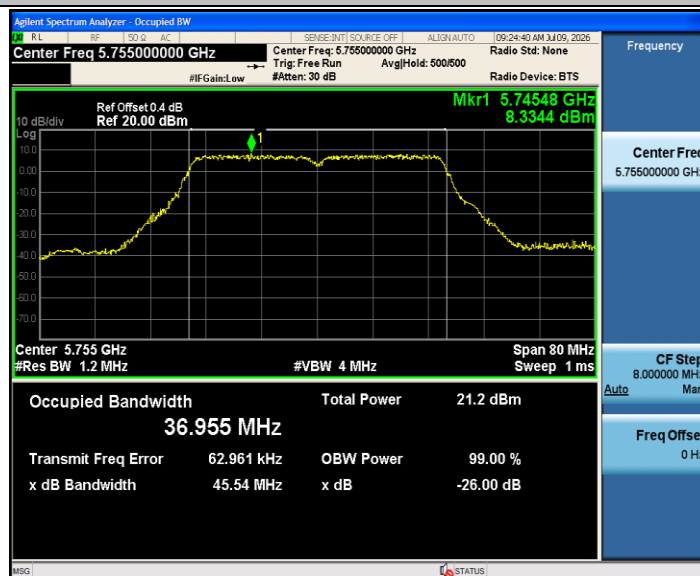
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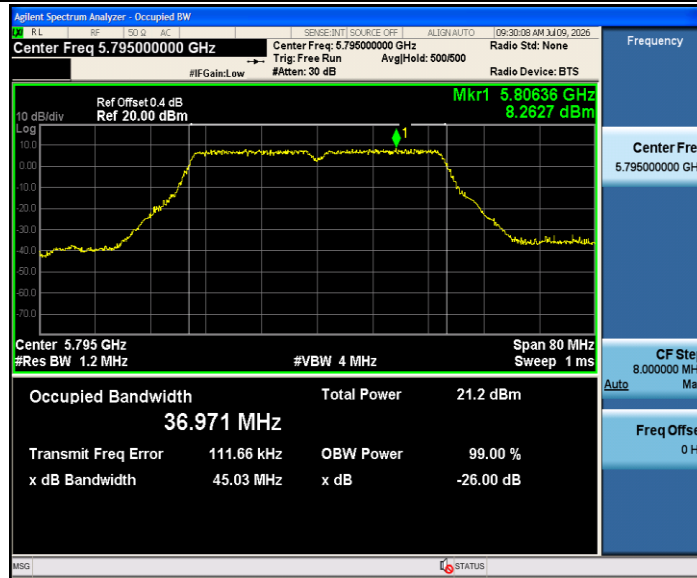
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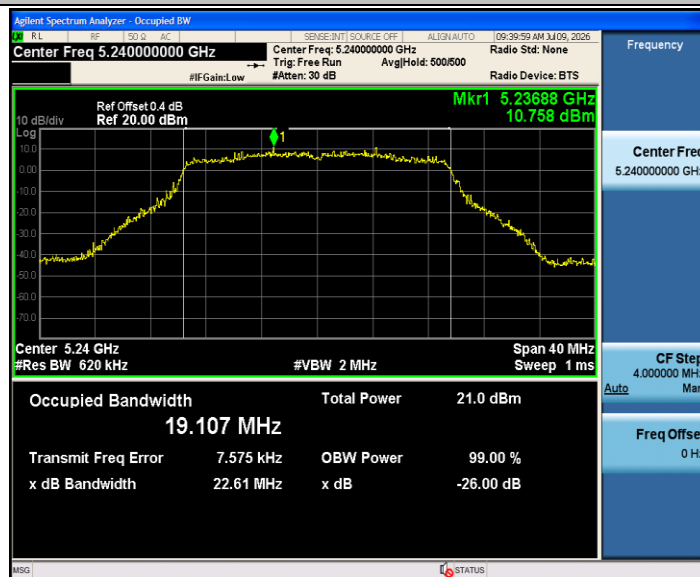
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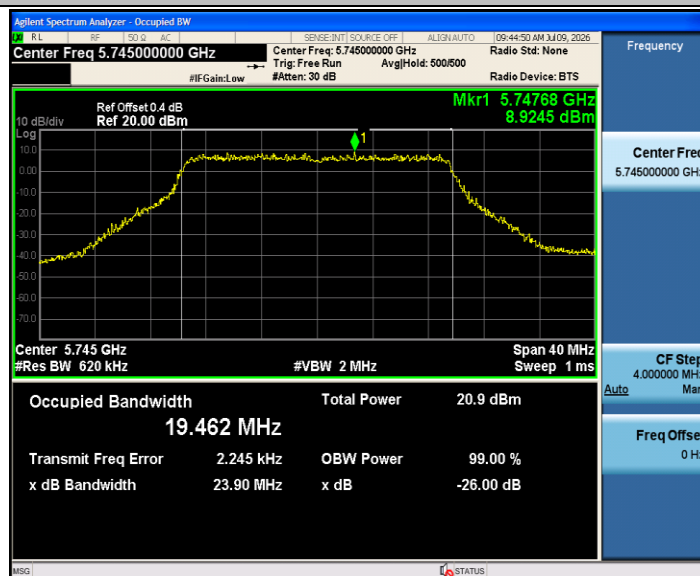
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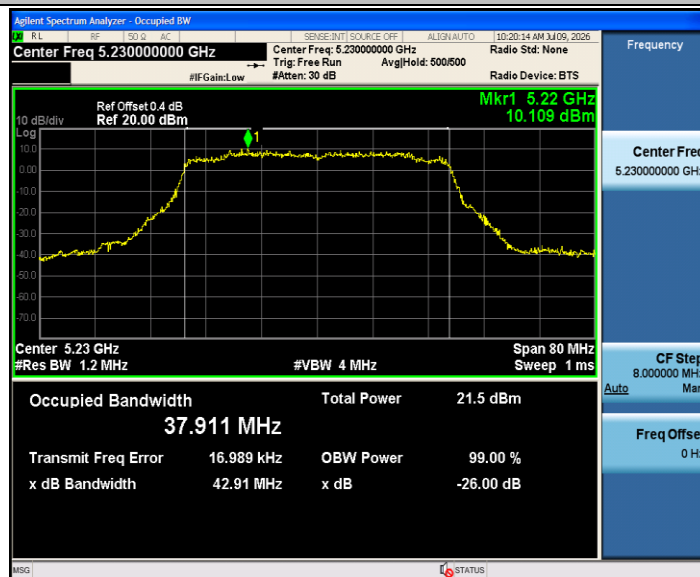
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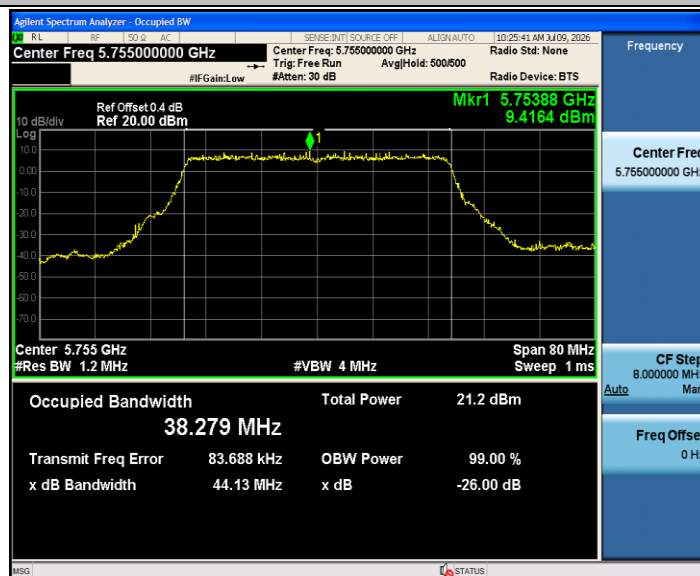
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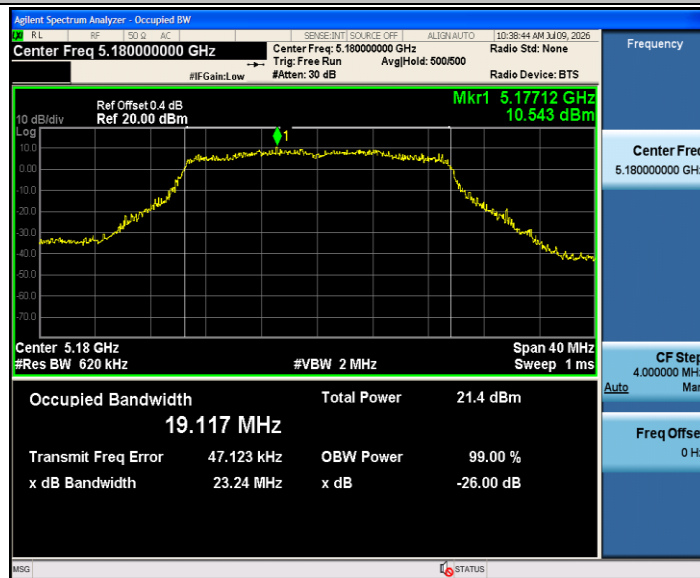
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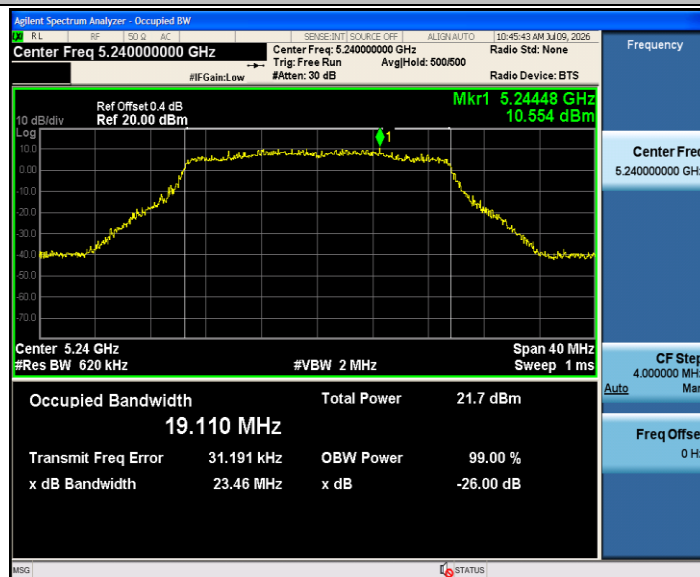
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11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745

