

Appendix: 5G Wi-Fi

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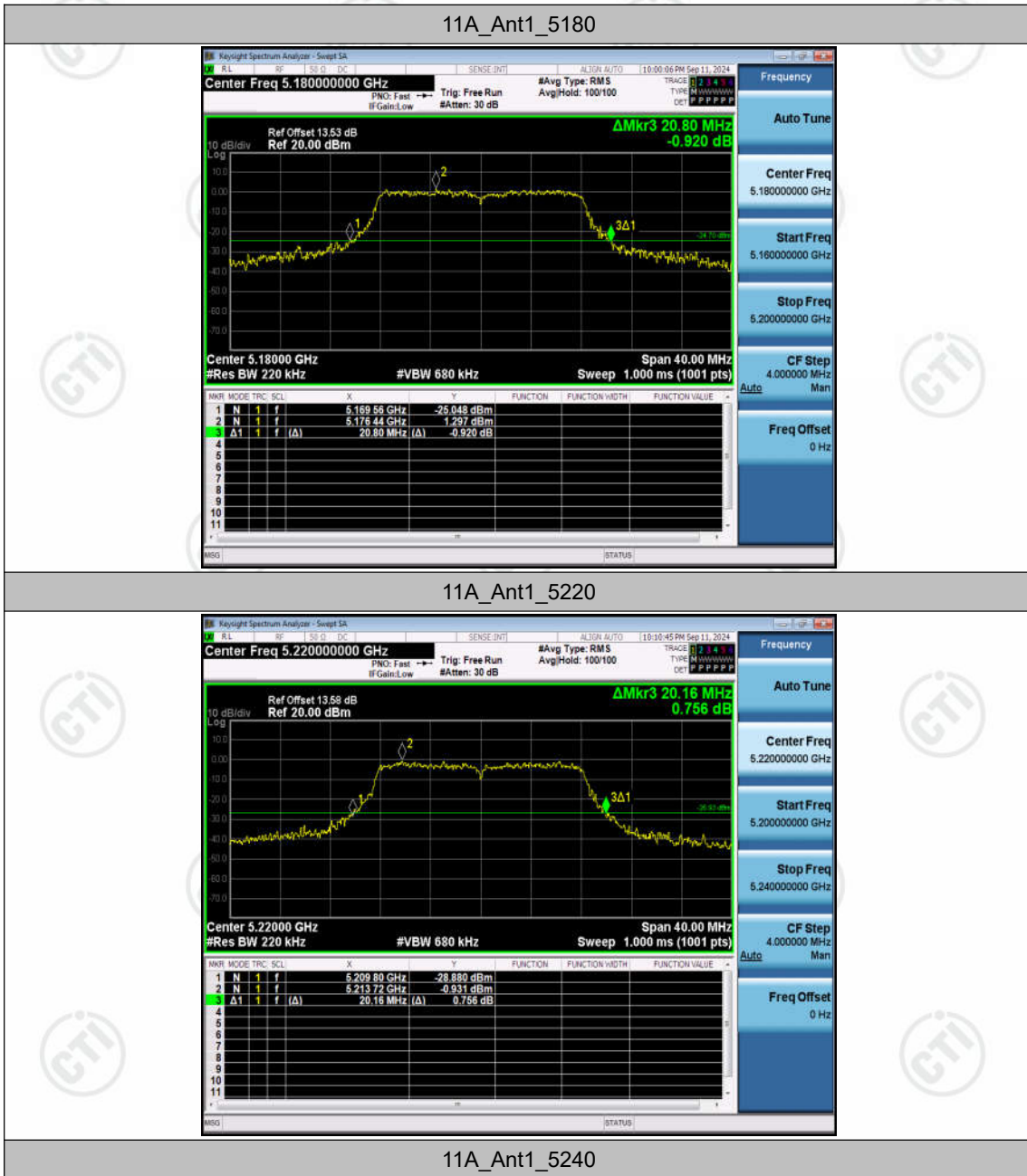
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Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.800	5169.560	5190.360	---	---
		5220	20.160	5209.800	5229.960	---	---
		5240	20.840	5229.560	5250.400	---	---
		5745	24.960	5732.280	5757.240	---	---
		5785	27.440	5771.680	5799.120	---	---
		5825	29.680	5810.200	5839.880	---	---
11N20SI SO	Ant1	5180	21.080	5169.480	5190.560	---	---
		5220	21.120	5209.400	5230.520	---	---
		5240	21.360	5229.040	5250.400	---	---
		5745	20.760	5734.680	5755.440	---	---
		5785	31.240	5771.040	5802.280	---	---
		5825	31.520	5809.800	5841.320	---	---
11N40SI SO	Ant1	5190	41.280	5169.280	5210.560	---	---
		5230	41.200	5209.280	5250.480	---	---
		5755	57.360	5729.640	5787.000	---	---
		5795	48.160	5773.400	5821.560	---	---
11AC20S ISO	Ant1	5180	20.760	5169.520	5190.280	---	---
		5220	20.840	5209.600	5230.440	---	---
		5240	20.920	5229.440	5250.360	---	---
		5745	21.240	5734.200	5755.440	---	---
		5785	24.760	5771.480	5796.240	---	---
		5825	29.840	5810.760	5840.600	---	---
11AC40S ISO	Ant1	5190	42.000	5168.560	5210.560	---	---
		5230	40.880	5209.360	5250.240	---	---
		5755	58.240	5734.360	5792.600	---	---
		5795	55.440	5774.520	5829.960	---	---
11AC80S ISO	Ant1	5210	80.480	5169.840	5250.320	---	---
		5775	112.160	5723.160	5835.320	---	---

Test Graphs





11A_Ant1_5745



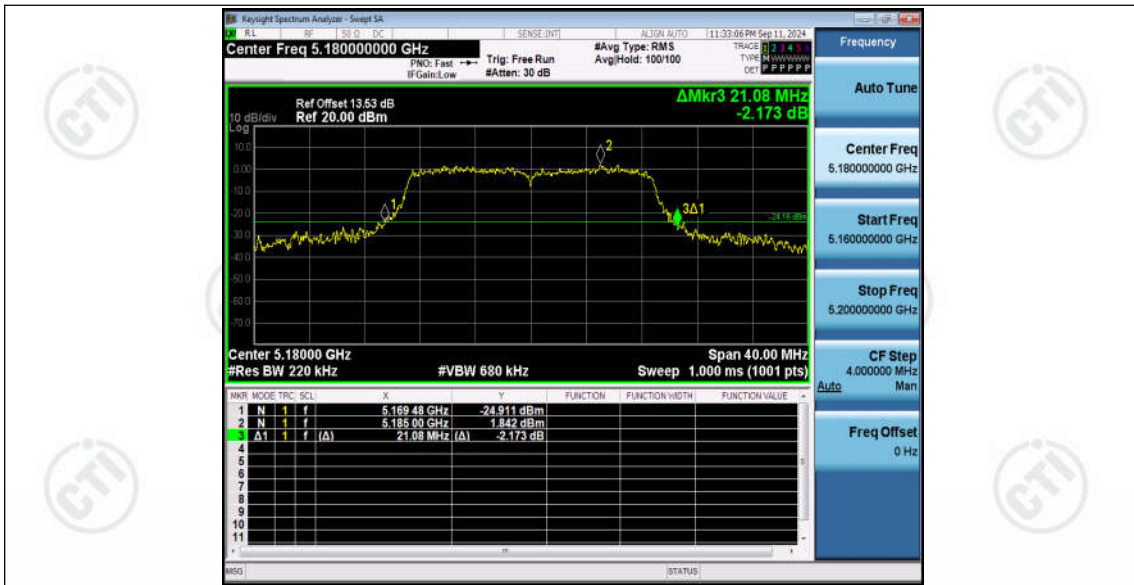
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



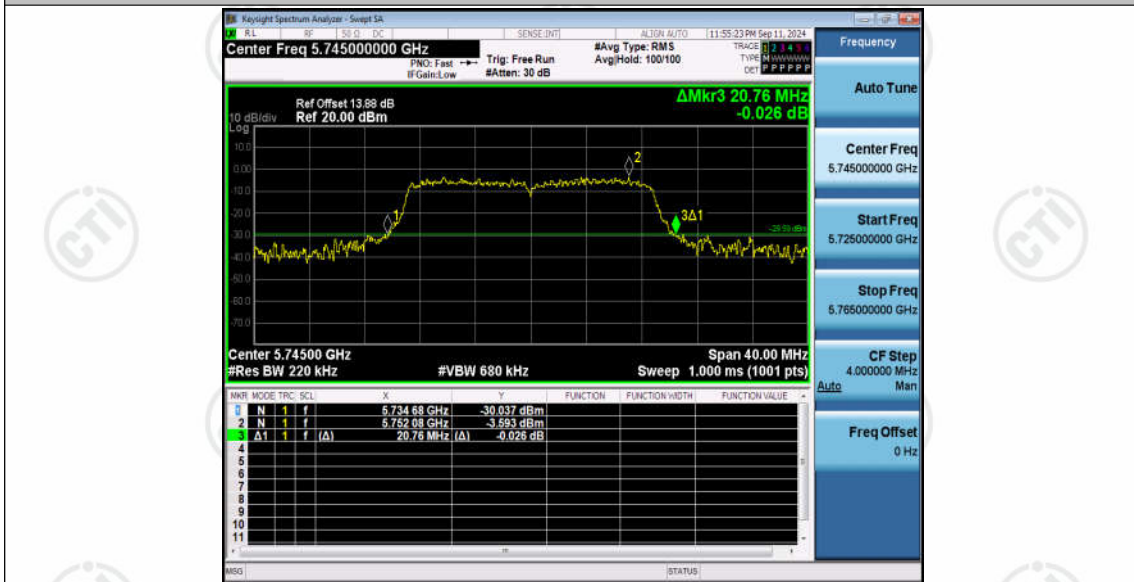
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11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



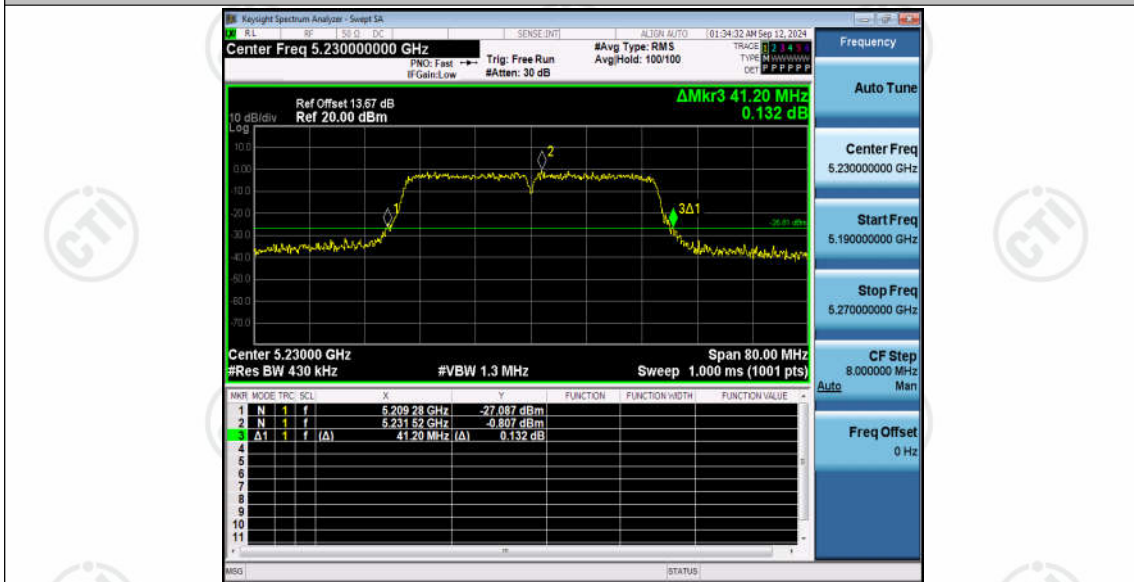
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11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



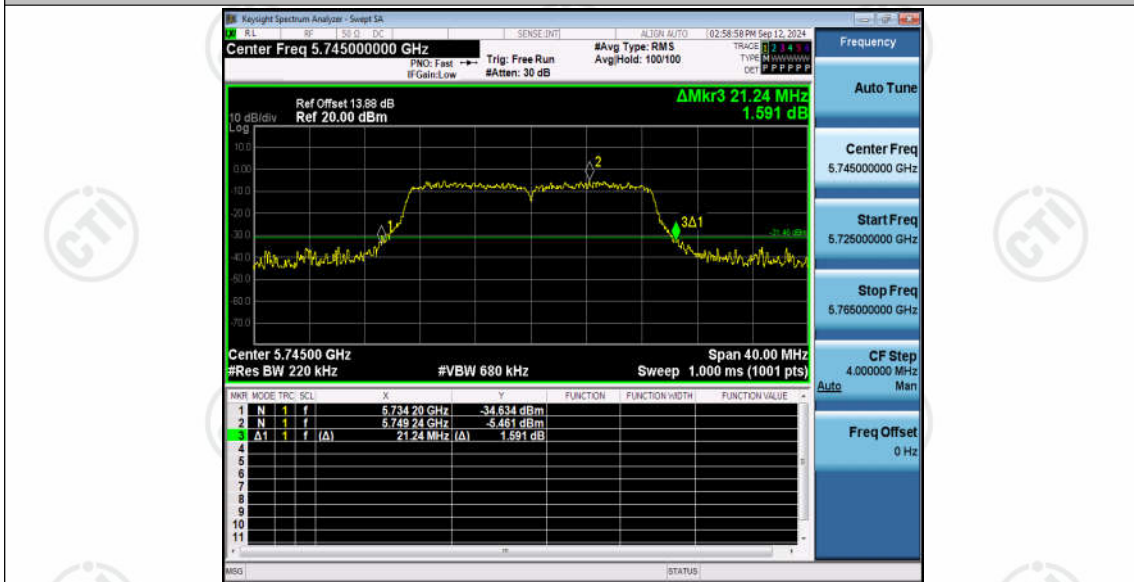
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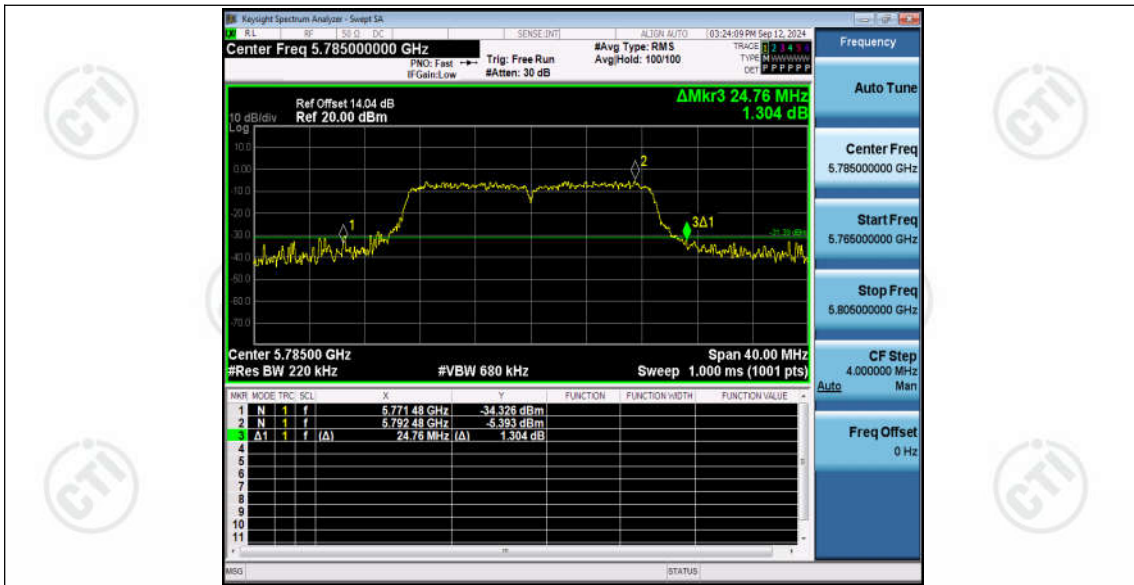
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11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



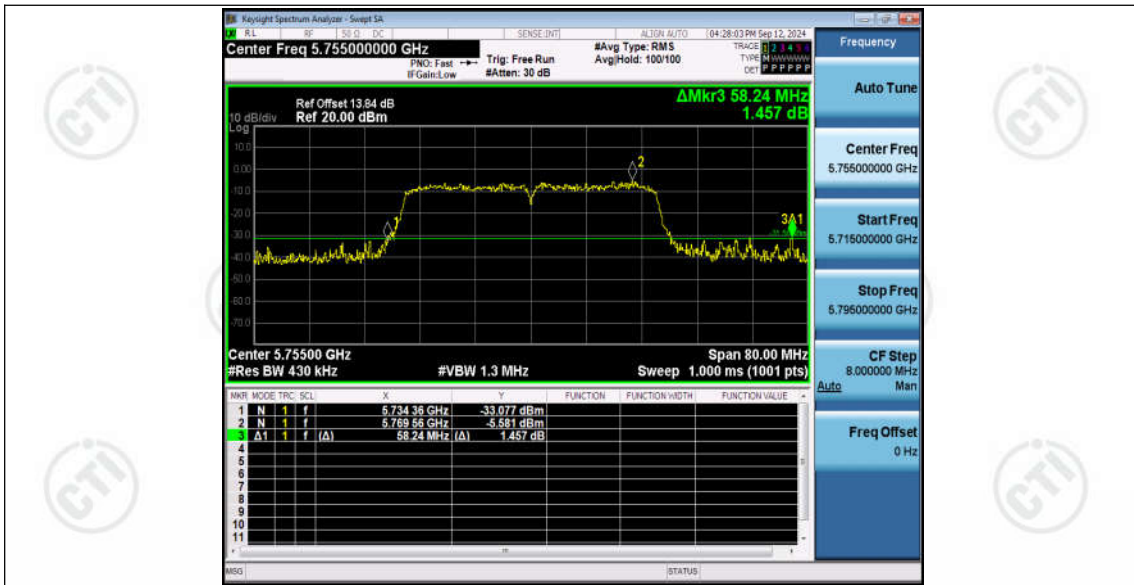
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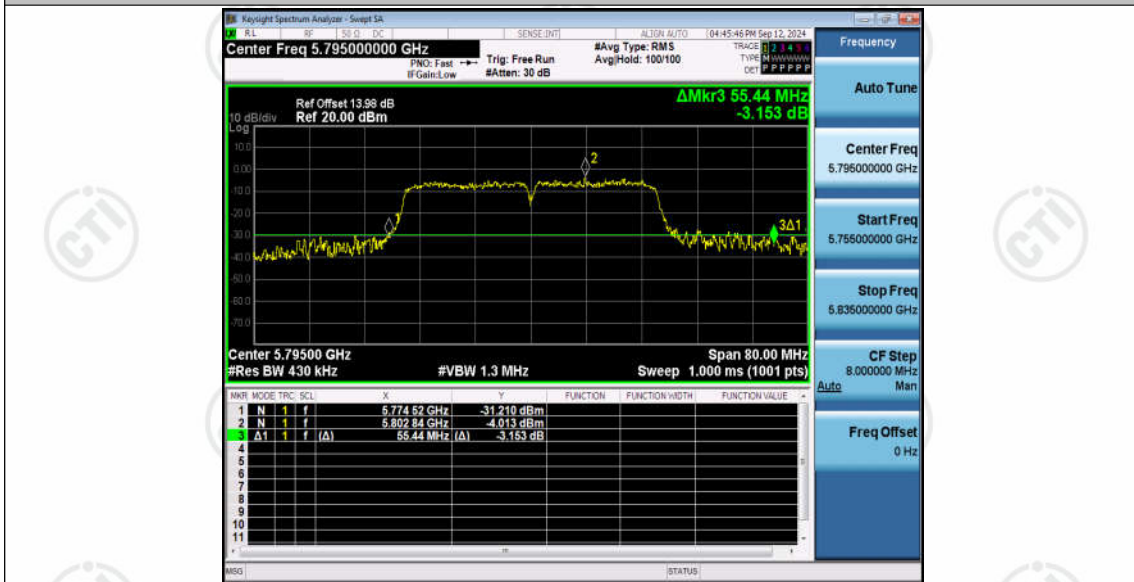
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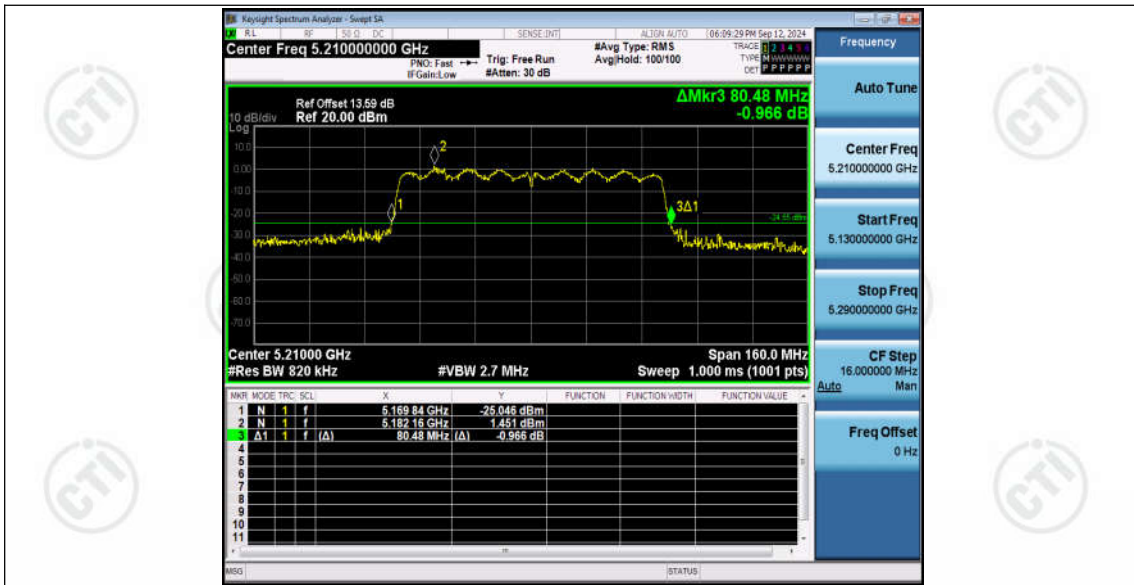
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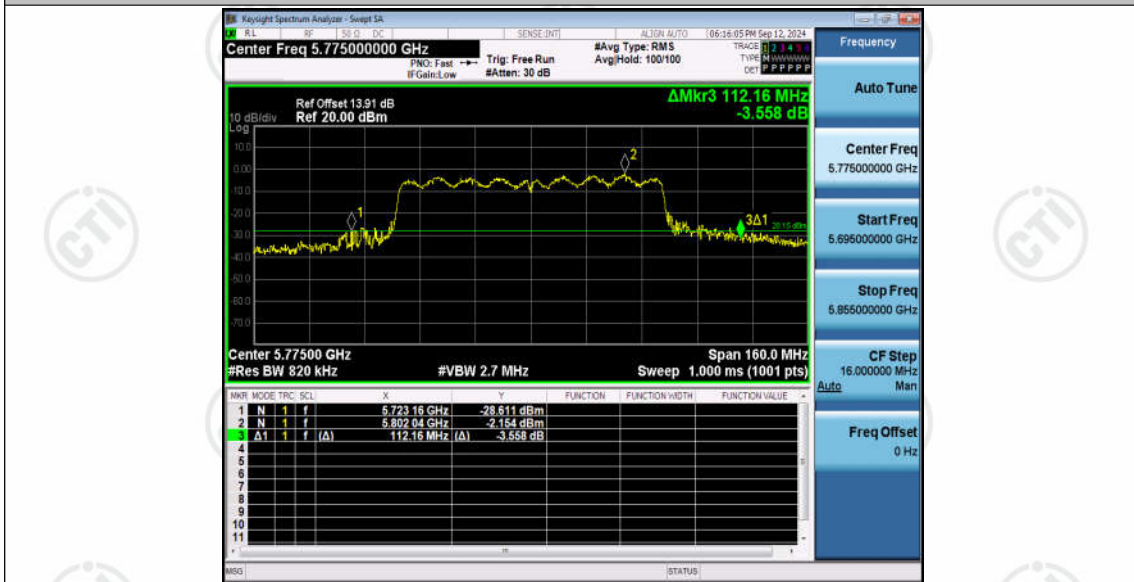
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11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

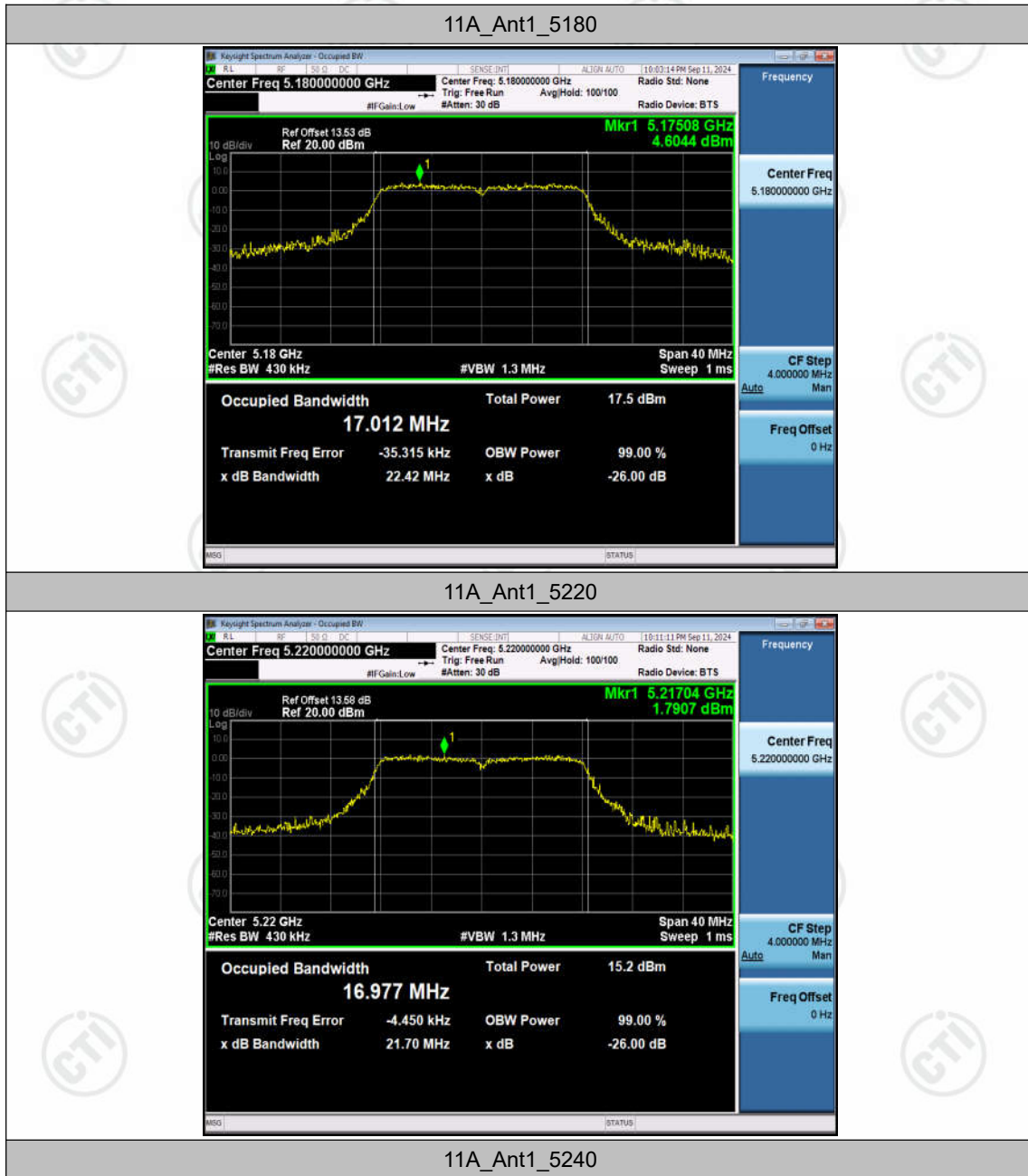


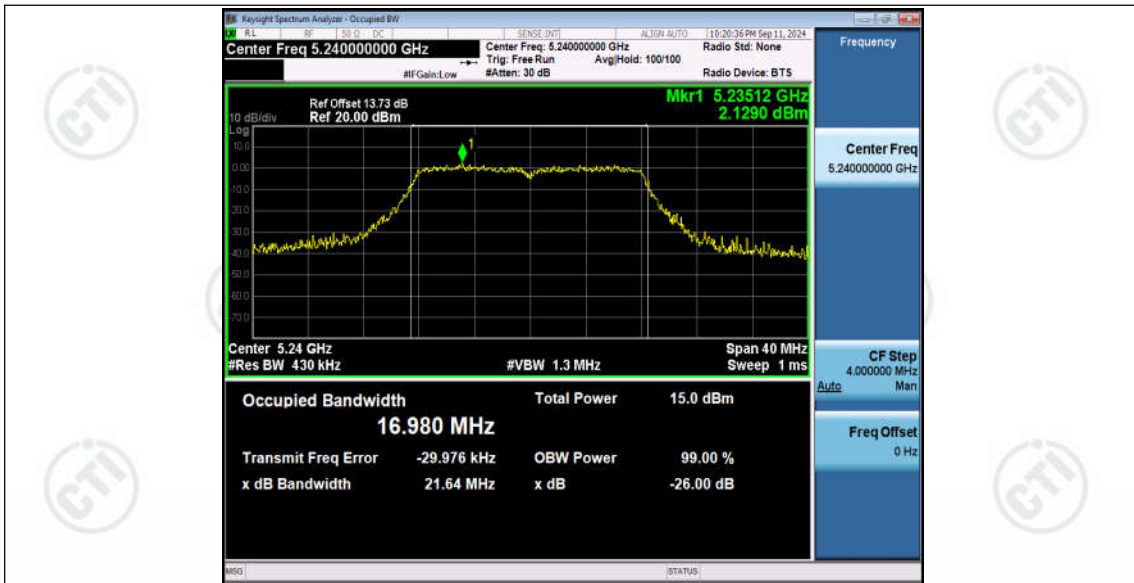
Appendix A2: Occupied channel bandwidth

Test Result

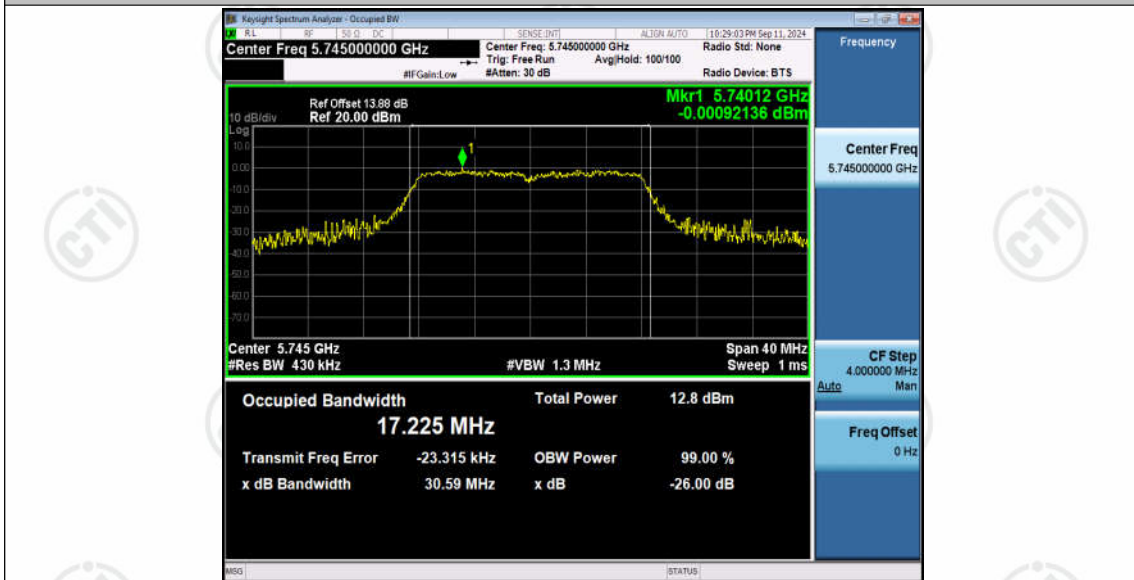
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	17.012	5171.4587	5188.4707	---	---
		5220	16.977	5211.5071	5228.4841	---	---
		5240	16.980	5231.4800	5248.4600	---	---
		5745	17.225	5736.3642	5753.5892	---	---
		5785	17.154	5776.4537	5793.6077	---	---
		5825	17.239	5816.3970	5833.6360	---	---
11N20SI SO	Ant1	5180	17.974	5170.9842	5188.9582	---	---
		5220	17.902	5211.0257	5228.9277	---	---
		5240	17.866	5231.0317	5248.8977	---	---
		5745	17.950	5735.9740	5753.9240	---	---
		5785	18.259	5775.9009	5794.1599	---	---
		5825	18.270	5815.8541	5834.1241	---	---
11N40SI SO	Ant1	5190	36.220	5171.8538	5208.0738	---	---
		5230	36.268	5211.8305	5248.0985	---	---
		5755	36.532	5736.7511	5773.2831	---	---
		5795	36.533	5776.8365	5813.3695	---	---
11AC20S ISO	Ant1	5180	17.932	5170.9911	5188.9231	---	---
		5220	17.828	5211.0546	5228.8826	---	---
		5240	17.854	5231.0210	5248.8750	---	---
		5745	17.881	5736.0258	5753.9068	---	---
		5785	17.902	5776.0595	5793.9615	---	---
		5825	18.037	5815.9929	5834.0299	---	---
11AC40S ISO	Ant1	5190	36.379	5171.7814	5208.1604	---	---
		5230	36.120	5211.9135	5248.0335	---	---
		5755	36.262	5736.8813	5773.1433	---	---
		5795	36.471	5776.8385	5813.3095	---	---
11AC80S ISO	Ant1	5210	75.504	5172.2055	5247.7095	---	---
		5775	76.095	5737.1881	5813.2831	---	---

Test Graphs

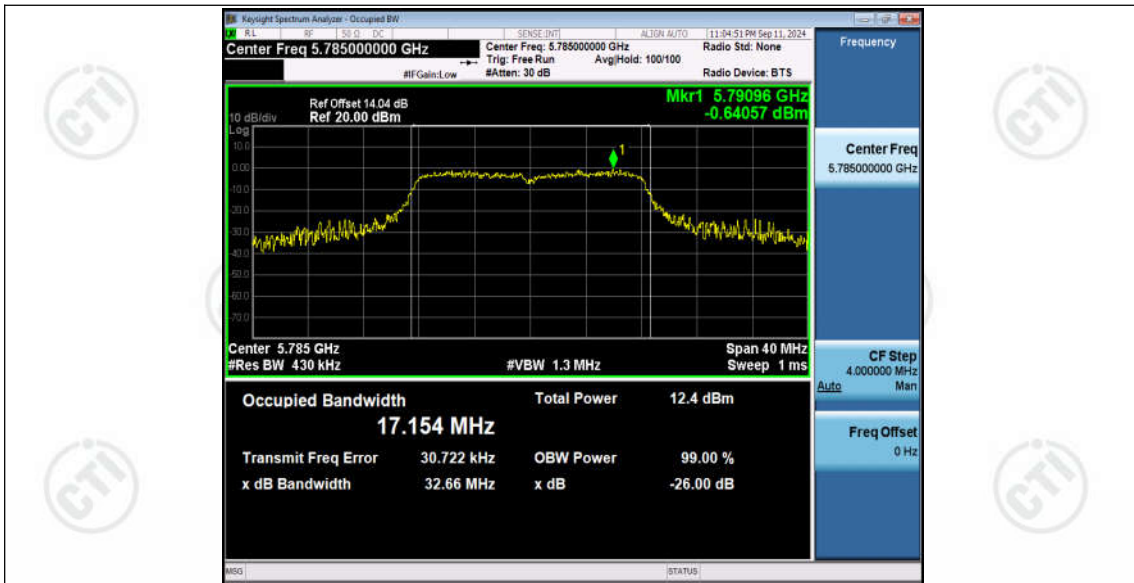




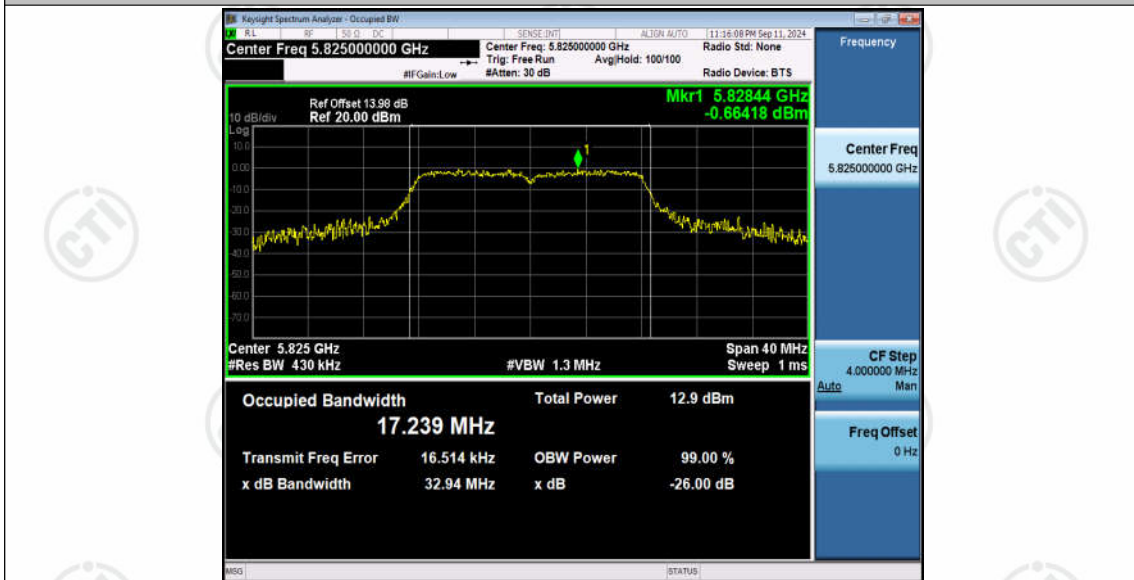
11A_Ant1_5745



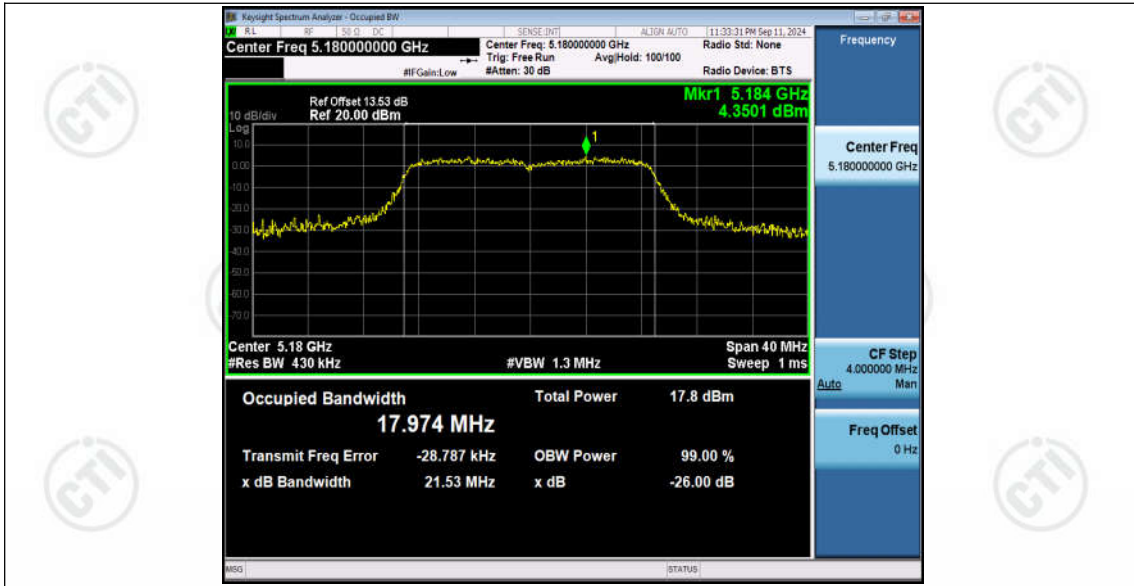
11A_Ant1_5785



11A_Ant1_5825



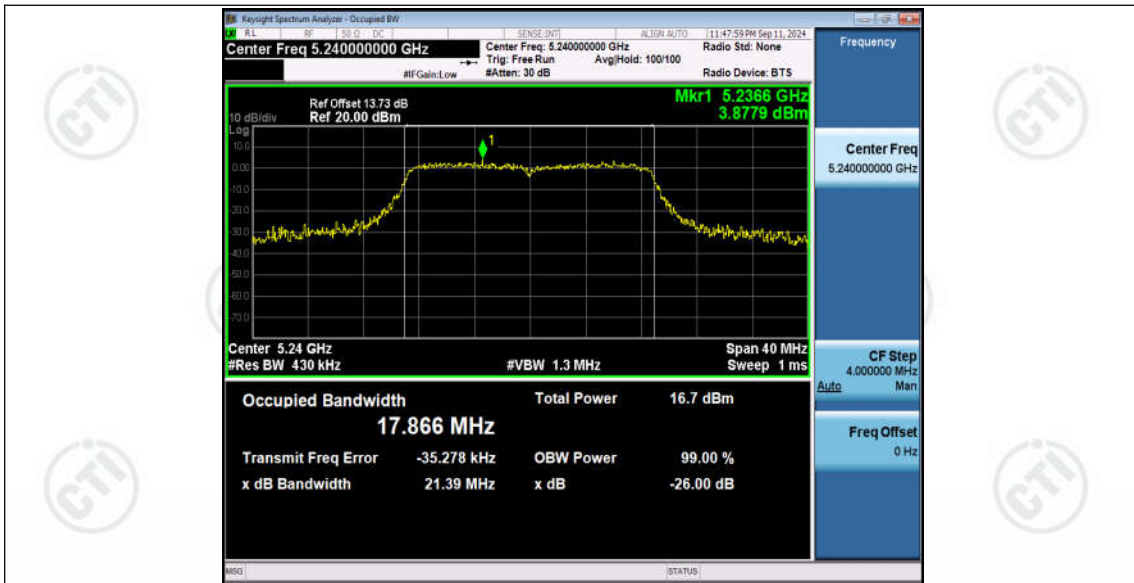
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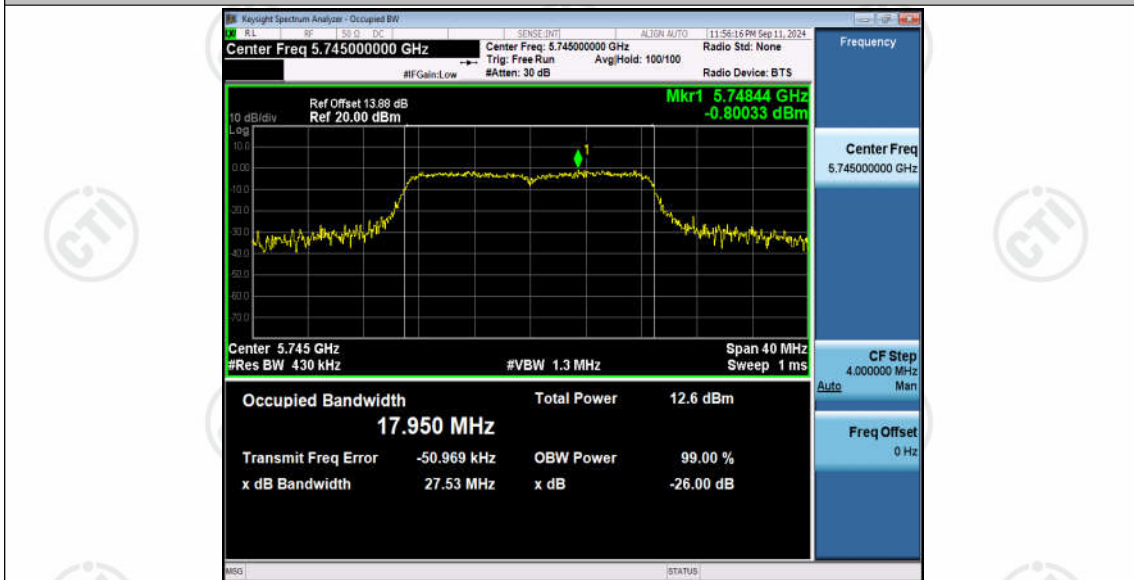
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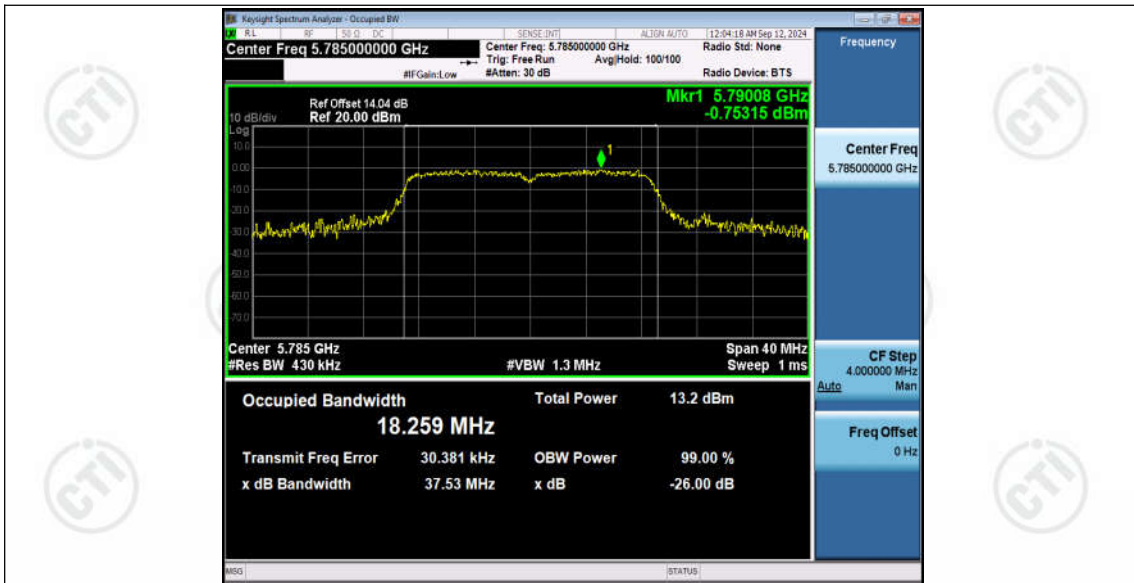
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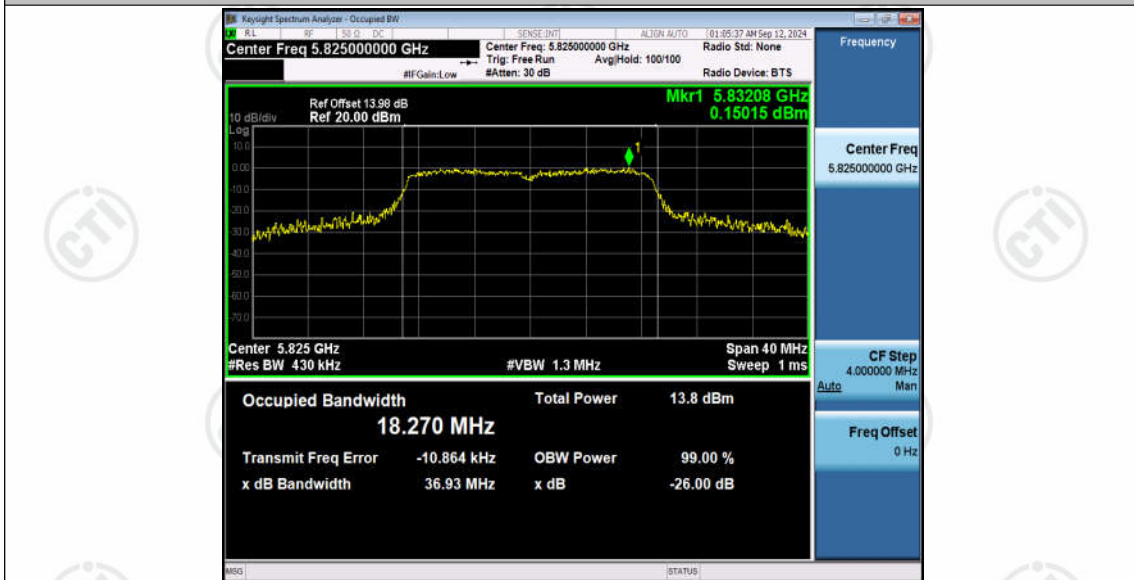
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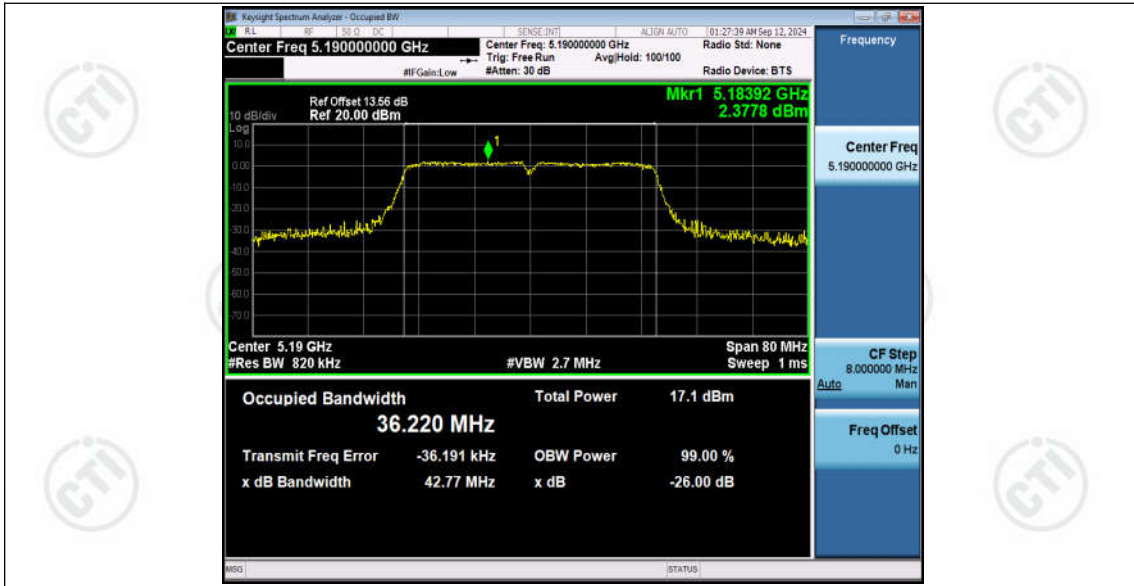
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11N20SISO_Ant1_5825



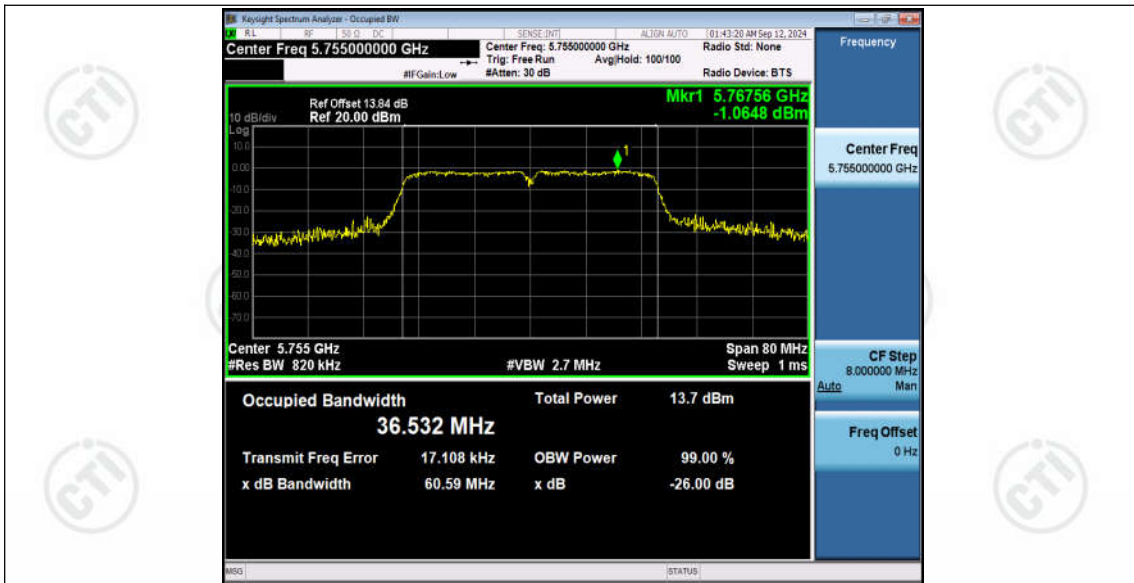
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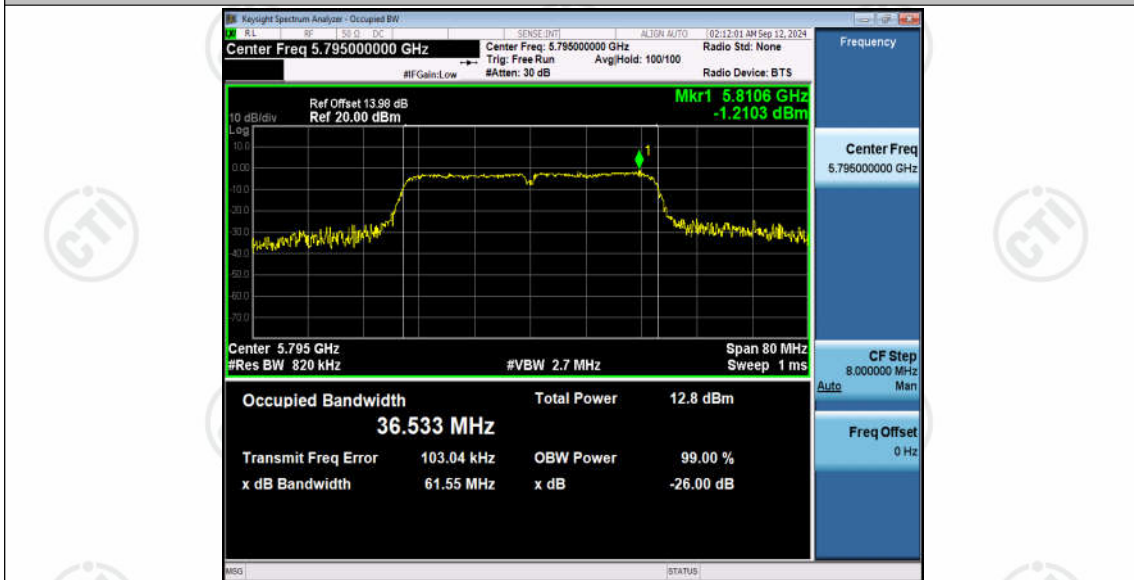
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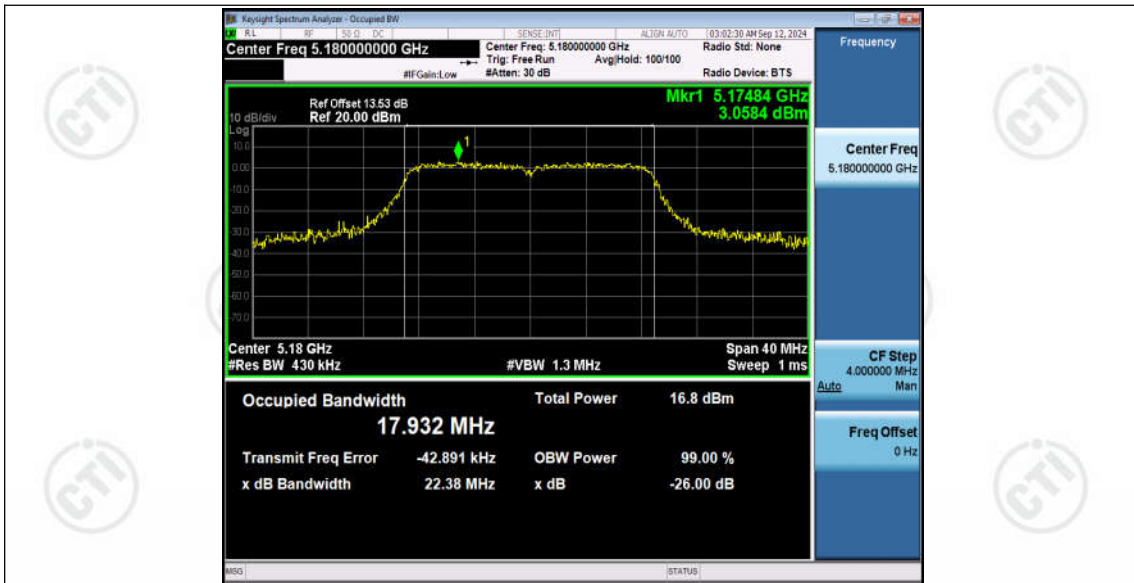
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11N40SISO_Ant1_5795



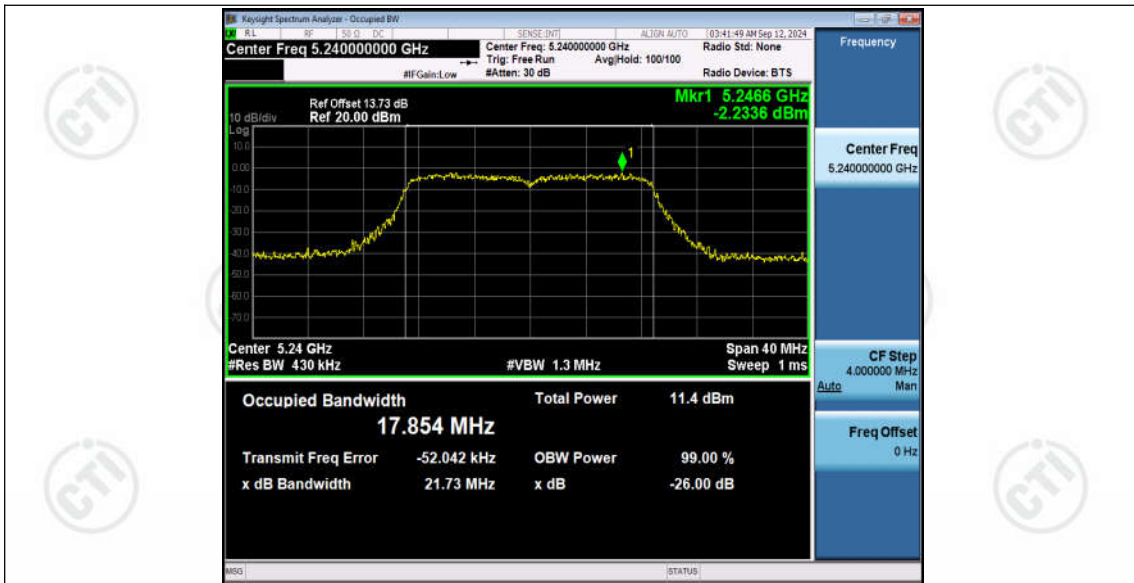
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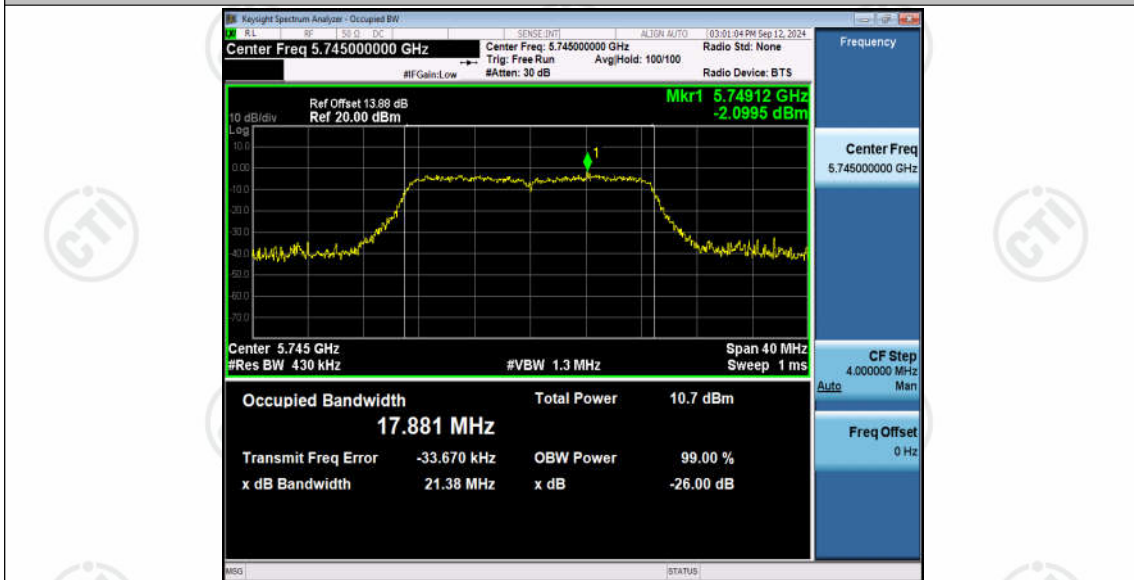
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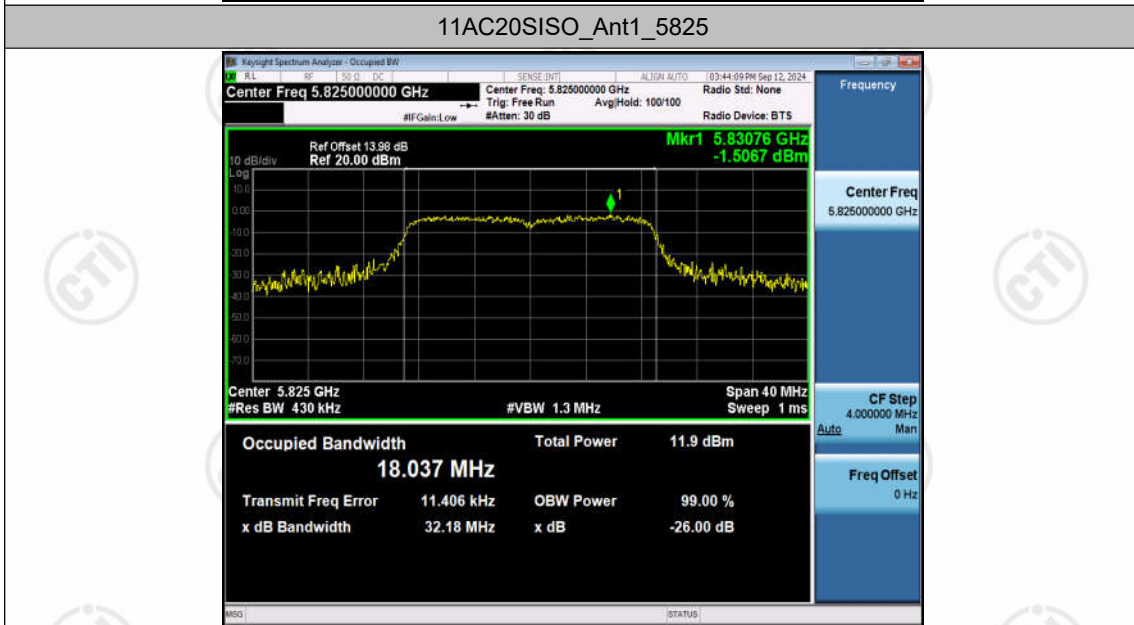
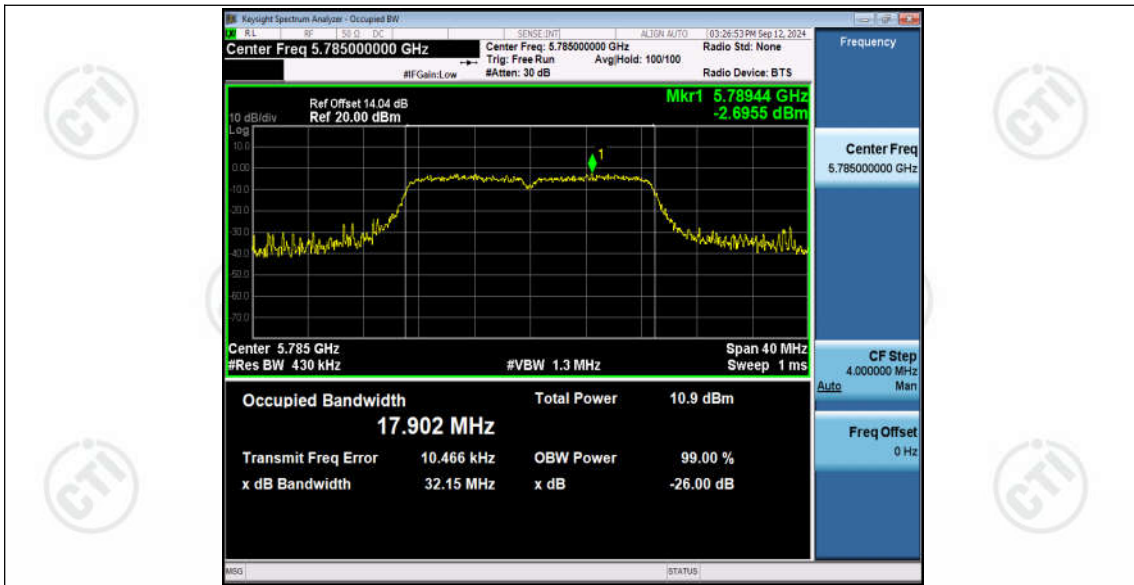
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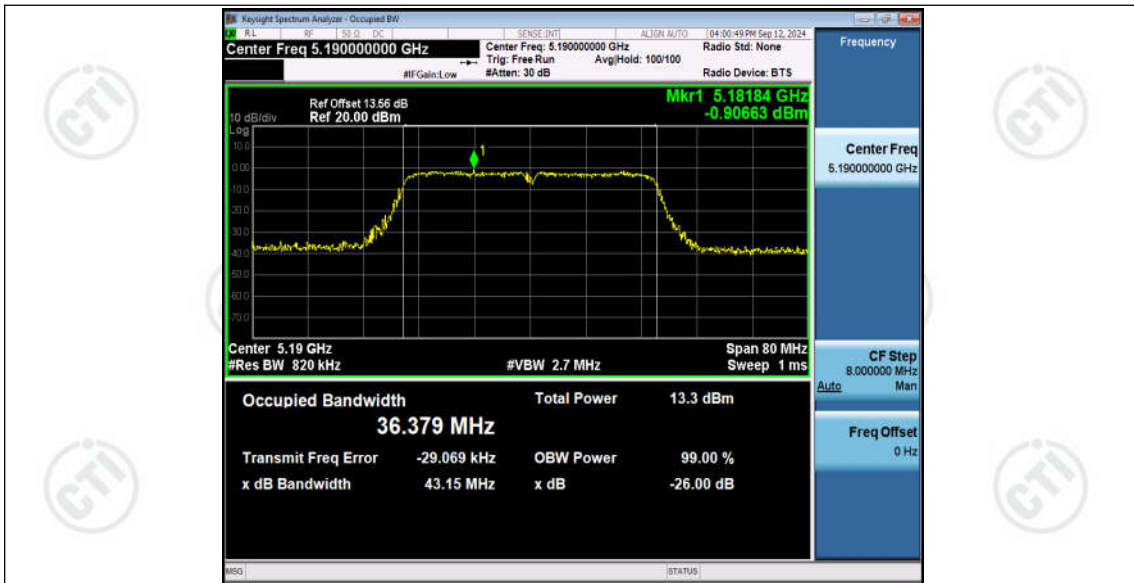


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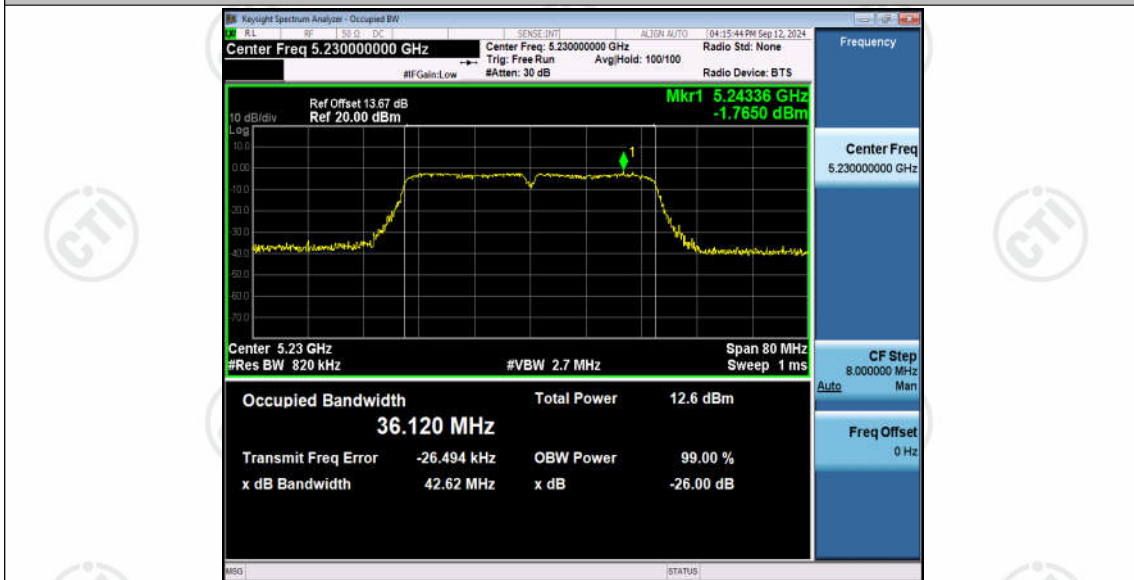


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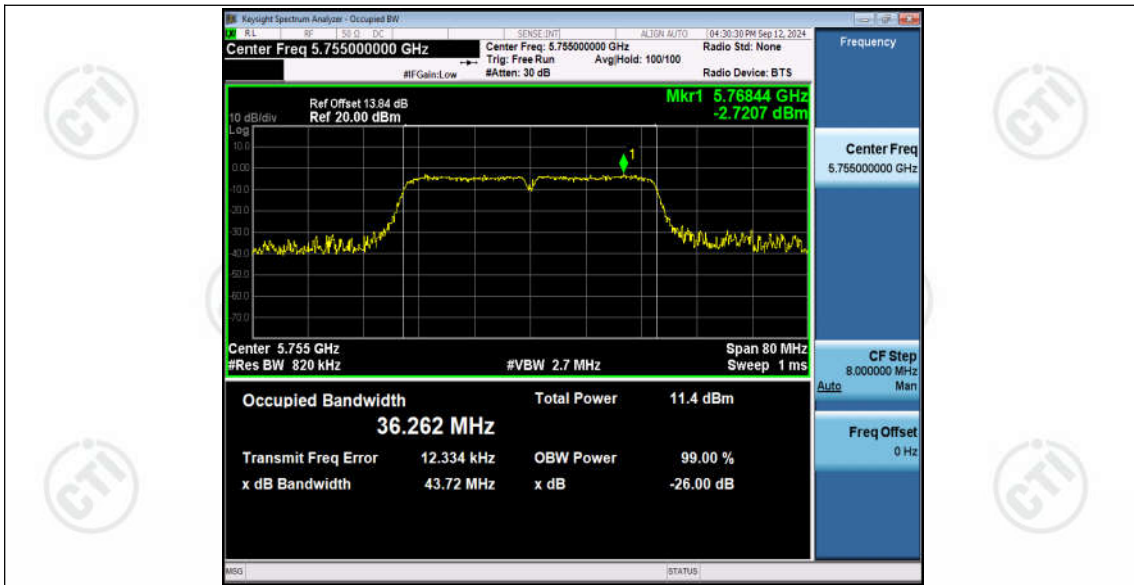




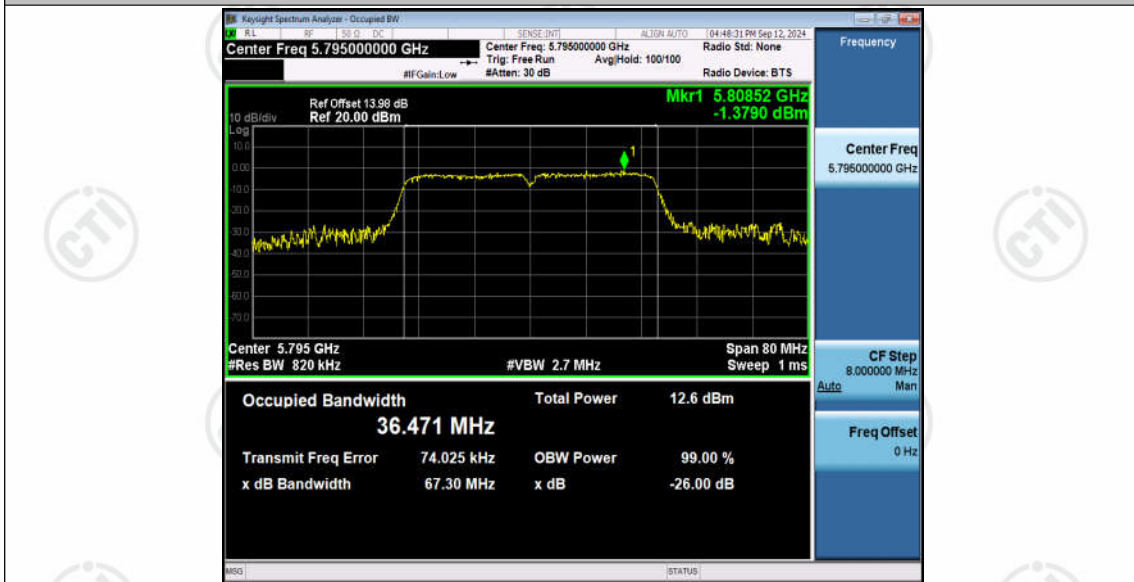
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



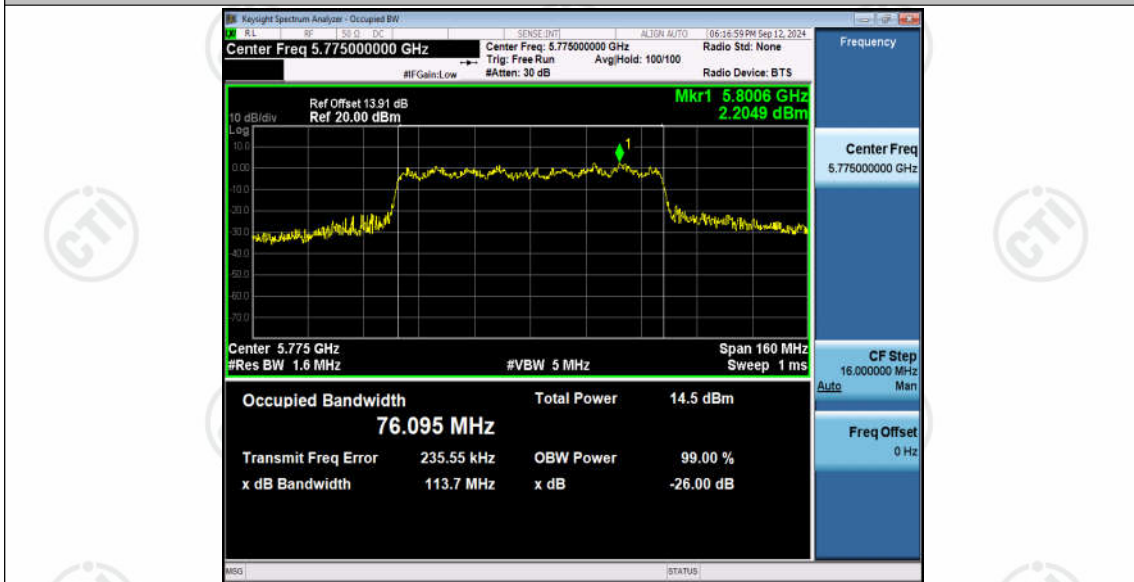
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

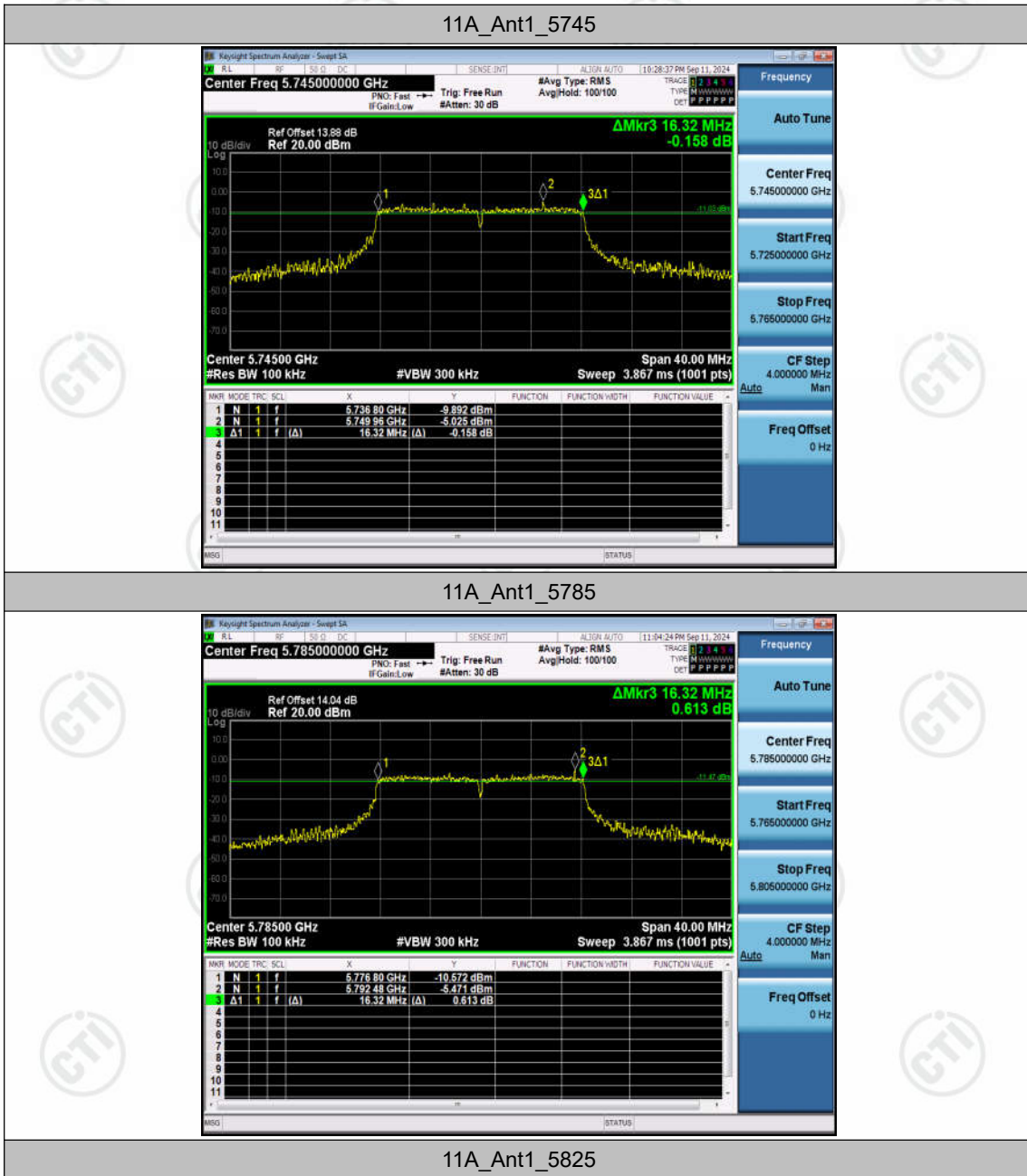


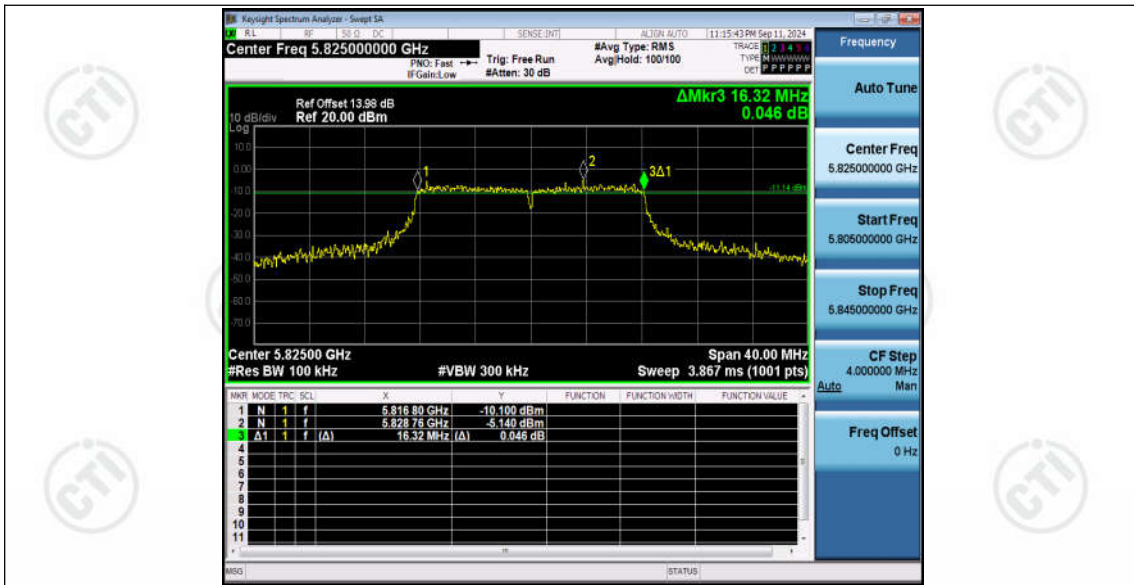
Appendix A3: Min emission bandwidth

Test Result B4

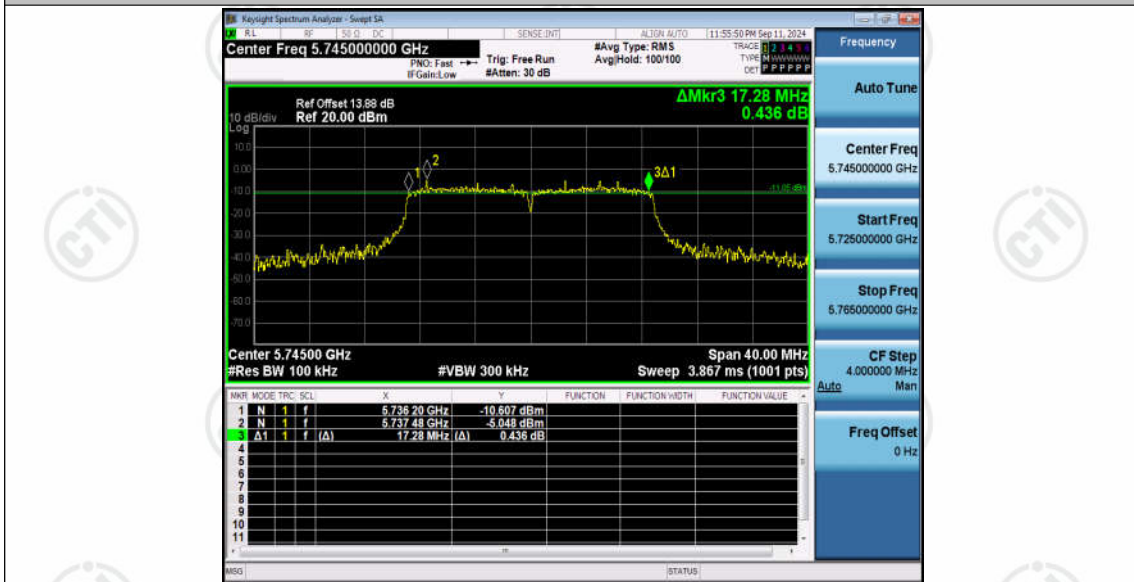
Test Mode	Antenna	Frequency [MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.800	5753.120	0.5	PASS
		5785	16.320	5776.800	5793.120	0.5	PASS
		5825	16.320	5816.800	5833.120	0.5	PASS
11N20SISO	Ant1	5745	17.280	5736.200	5753.480	0.5	PASS
		5785	17.320	5776.440	5793.760	0.5	PASS
		5825	17.360	5816.360	5833.720	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.360	5777.400	5812.760	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.040	5776.440	5793.480	0.5	PASS
		5825	17.360	5816.360	5833.720	0.5	PASS
11AC40SISO	Ant1	5755	35.360	5737.400	5772.760	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

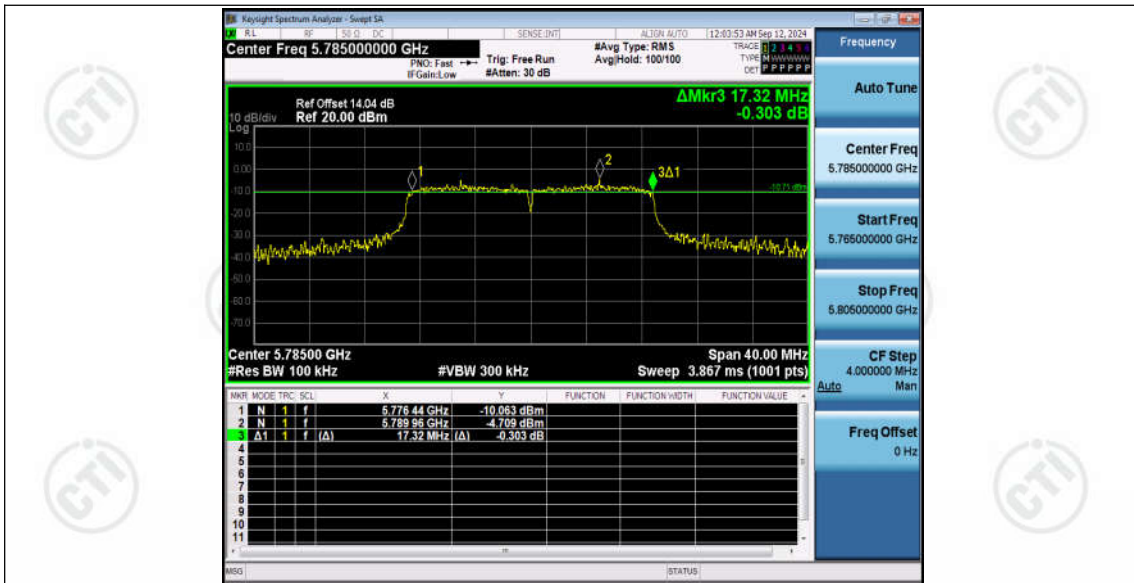




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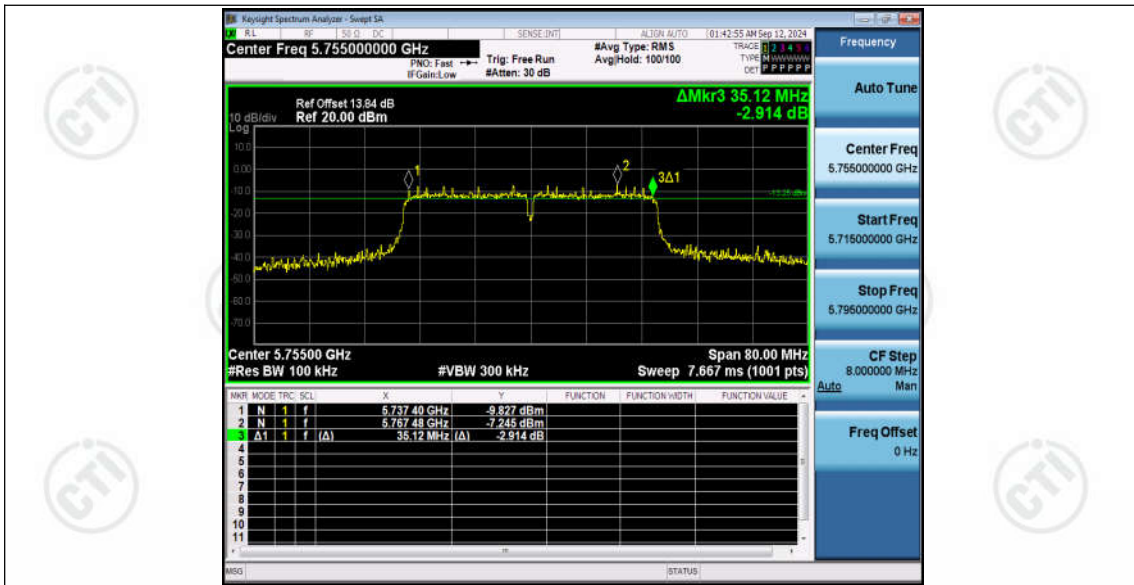
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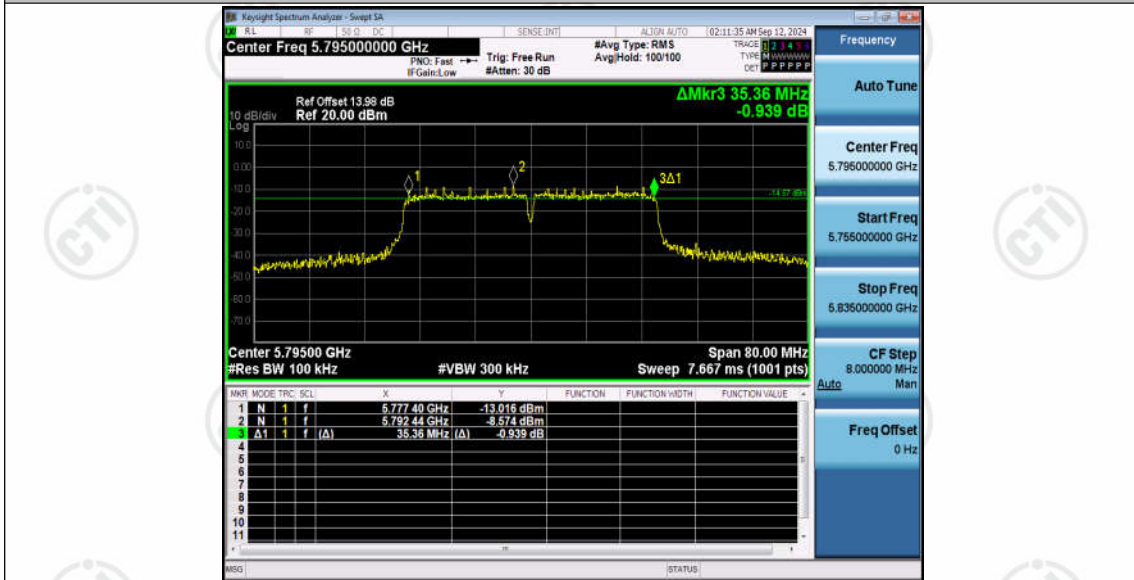
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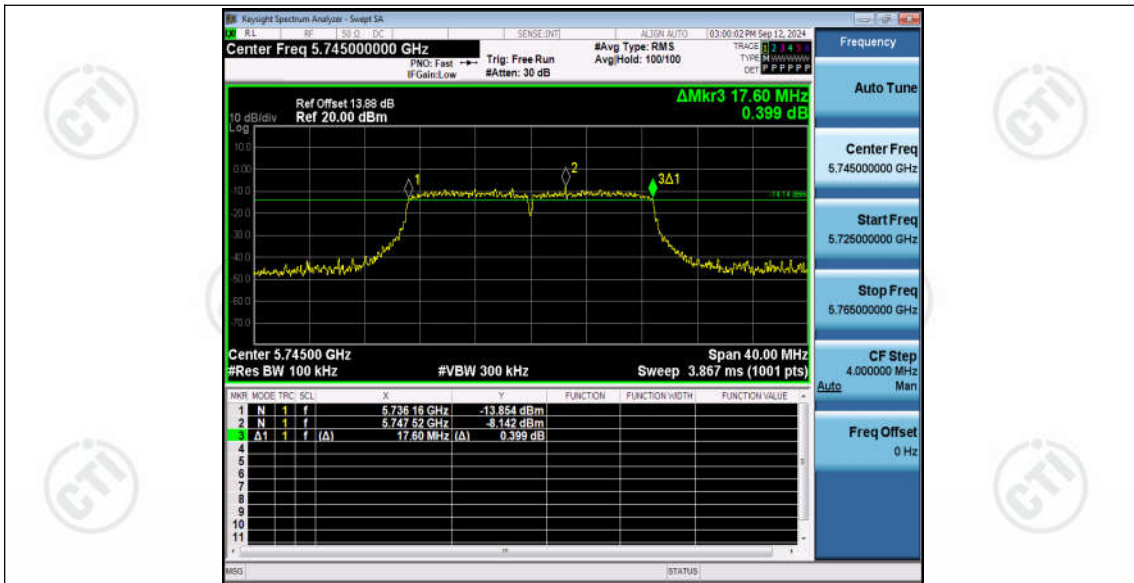
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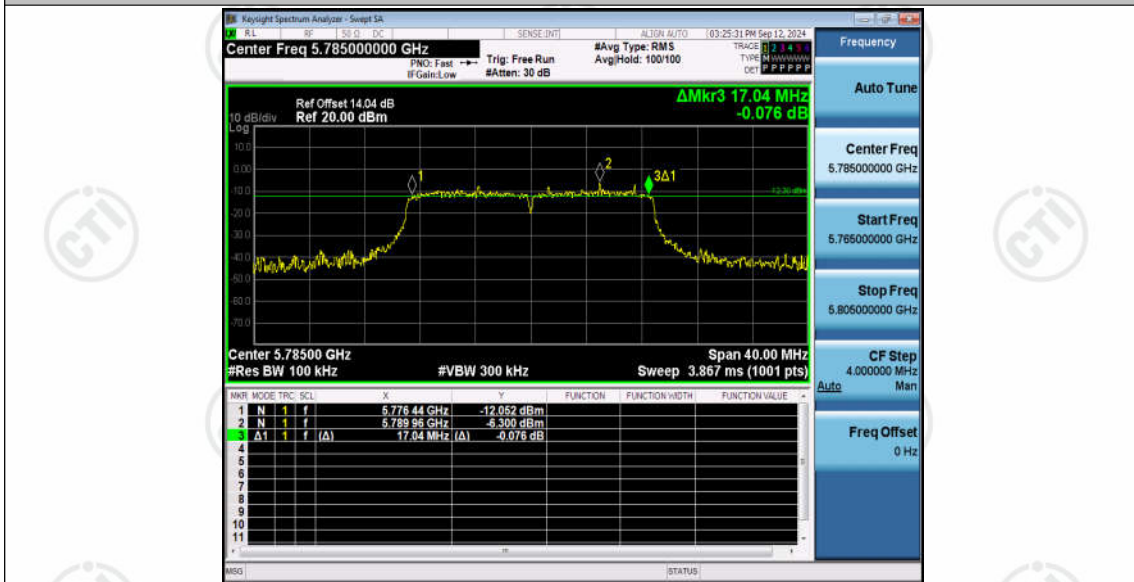
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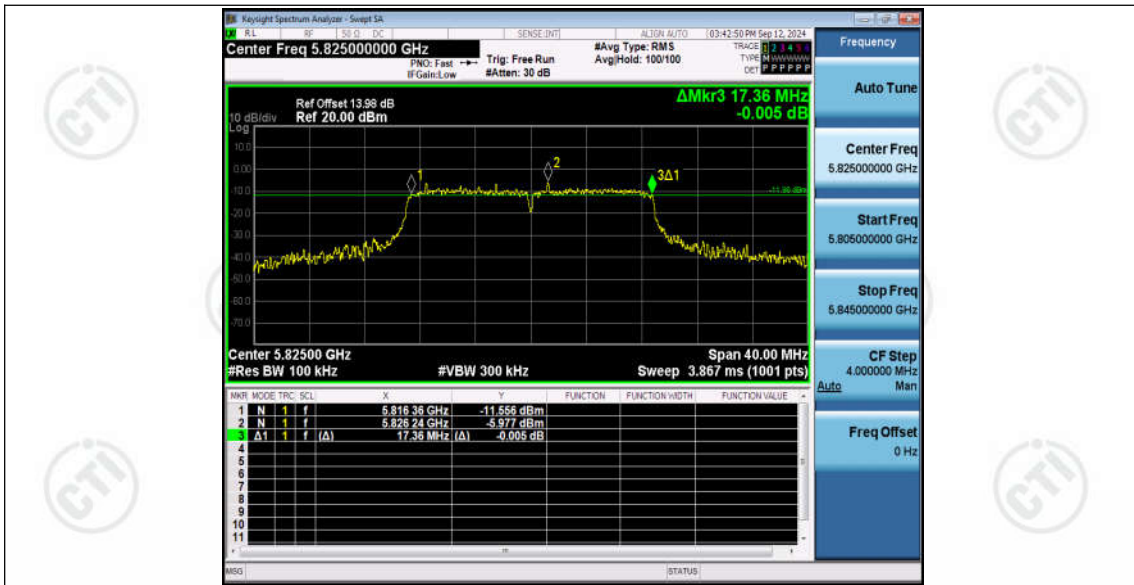
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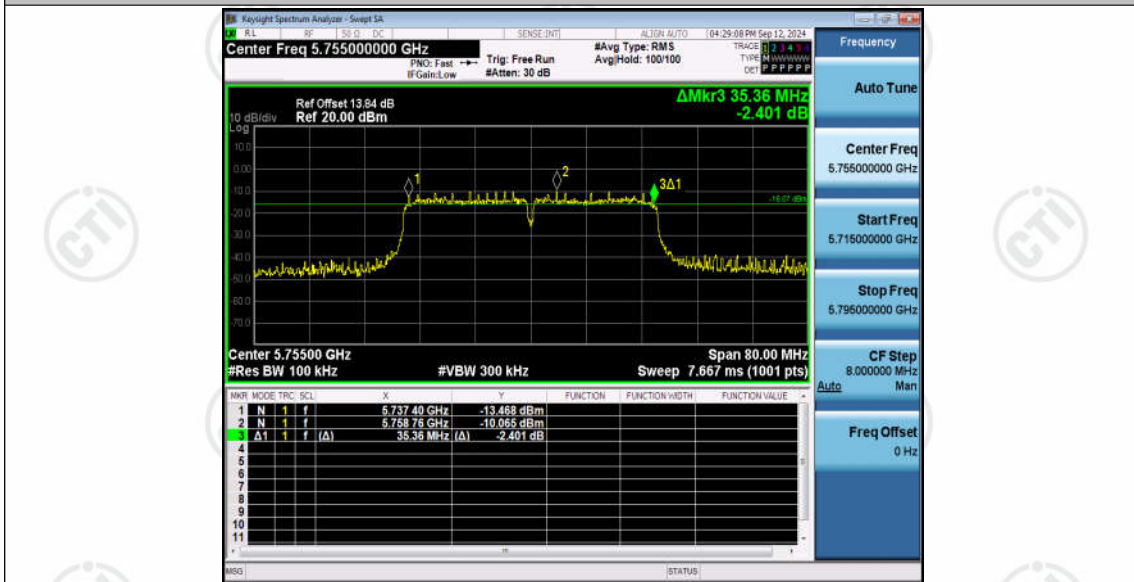
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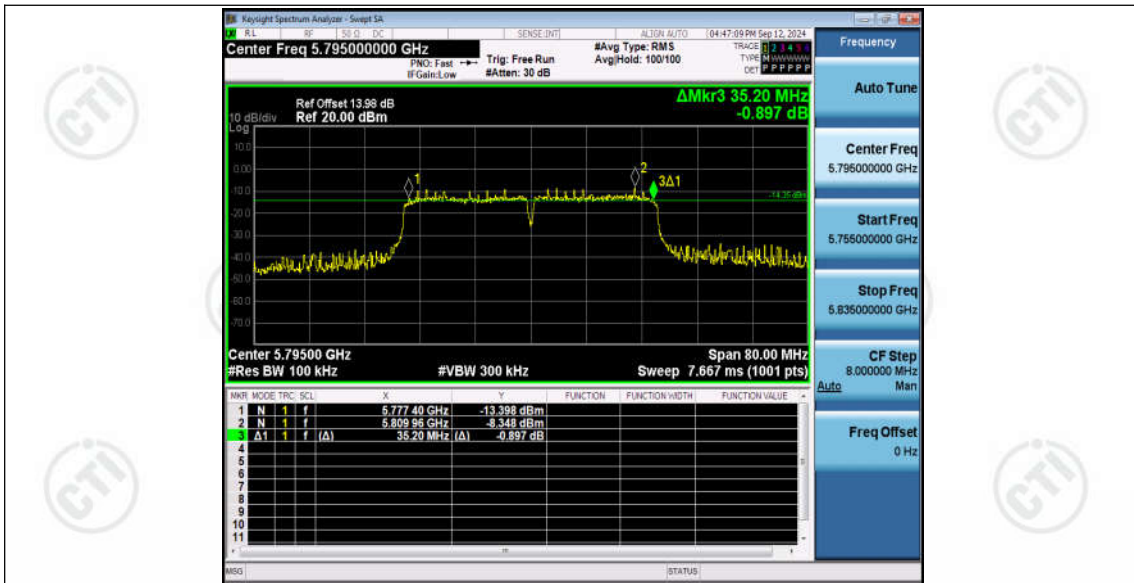
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11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775

