Appendix: 5G WIFI

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Appendix A1: Emission Bandwidth

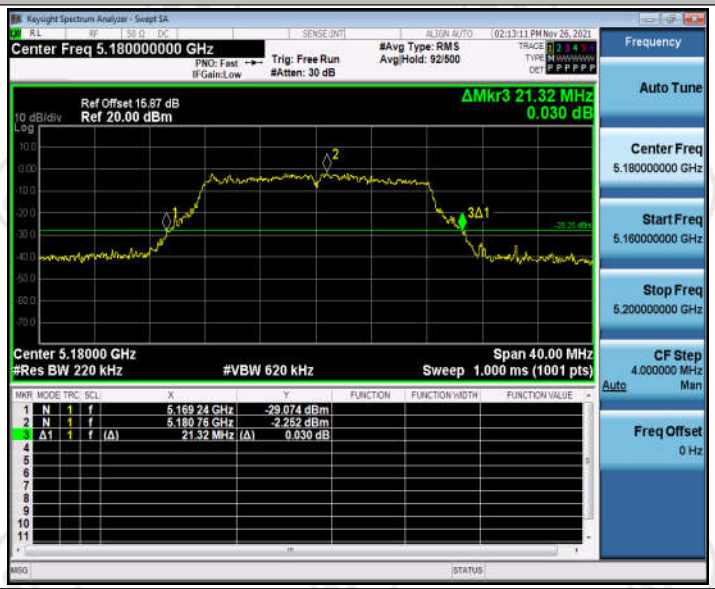
Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.320	5169.240	5190.560	---	PASS
	Ant2	5180	21.360	5169.480	5190.840	---	PASS
	Ant1	5200	21.240	5189.440	5210.680	---	PASS
	Ant2	5200	21.240	5189.400	5210.640	---	PASS
	Ant1	5240	21.080	5229.440	5250.520	---	PASS
	Ant2	5240	21.240	5229.480	5250.720	---	PASS
	Ant1	5745	21.560	5734.400	5755.960	---	PASS
	Ant2	5745	21.680	5733.840	5755.520	---	PASS
	Ant1	5785	21.480	5774.360	5795.840	---	PASS
	Ant2	5785	21.440	5774.400	5795.840	---	PASS
	Ant1	5825	21.120	5814.280	5835.400	---	PASS
	Ant2	5825	21.240	5814.160	5835.400	---	PASS
11N20SISO	Ant1	5180	21.480	5169.280	5190.760	---	PASS
	Ant2	5180	20.920	5169.640	5190.560	---	PASS
	Ant1	5200	21.240	5189.240	5210.480	---	PASS
	Ant2	5200	21.160	5189.360	5210.520	---	PASS
	Ant1	5240	20.920	5229.480	5250.400	---	PASS
	Ant2	5240	21.320	5229.360	5250.680	---	PASS
	Ant1	5745	22.720	5734.360	5757.080	---	PASS
	Ant2	5745	21.600	5734.360	5755.960	---	PASS
	Ant1	5785	22.800	5773.080	5795.880	---	PASS
	Ant2	5785	21.480	5774.400	5795.880	---	PASS
	Ant1	5825	26.080	5813.880	5839.960	---	PASS
	Ant2	5825	21.440	5814.200	5835.640	---	PASS
11N40SISO	Ant1	5190	40.000	5170.080	5210.080	---	PASS
	Ant2	5190	39.680	5170.240	5209.920	---	PASS
	Ant1	5230	39.920	5209.840	5249.760	---	PASS
	Ant2	5230	39.760	5210.400	5250.160	---	PASS
	Ant1	5755	53.280	5725.960	5779.240	---	PASS
	Ant2	5755	39.920	5735.080	5775.000	---	PASS
	Ant1	5795	46.960	5773.880	5820.840	---	PASS
	Ant2	5795	39.920	5775.160	5815.080	---	PASS
11AC20SISO	Ant1	5180	21.520	5169.200	5190.720	---	PASS
	Ant2	5180	21.280	5169.400	5190.680	---	PASS
	Ant1	5200	21.320	5189.320	5210.640	---	PASS
	Ant2	5200	21.480	5189.040	5210.520	---	PASS

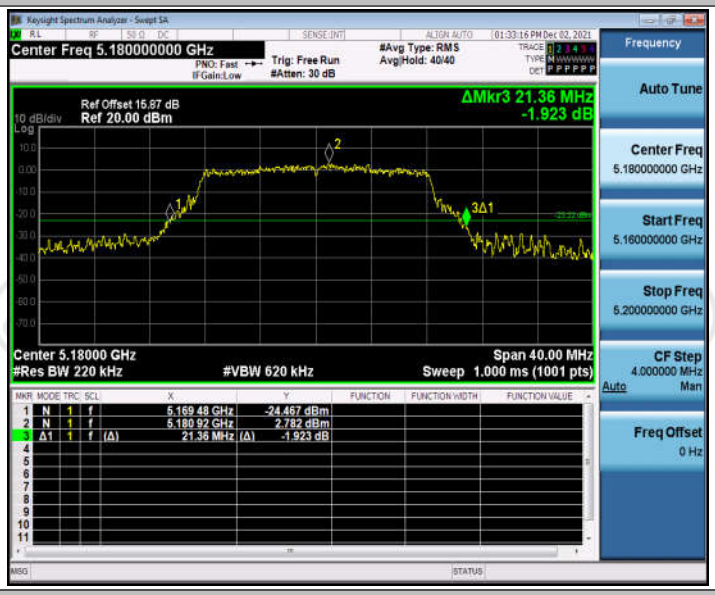
	Ant1	5240	21.480	5229.400	5250.880	---	PASS
	Ant2	5240	21.160	5229.440	5250.600	---	PASS
	Ant1	5745	21.200	5734.400	5755.600	---	PASS
	Ant2	5745	21.440	5734.280	5755.720	---	PASS
	Ant1	5785	21.400	5774.200	5795.600	---	PASS
	Ant2	5785	21.720	5774.000	5795.720	---	PASS
	Ant1	5825	21.600	5814.280	5835.880	---	PASS
	Ant2	5825	22.720	5813.240	5835.960	---	PASS
11AC40SISO	Ant1	5190	39.840	5170.240	5210.080	---	PASS
	Ant2	5190	39.520	5170.320	5209.840	---	PASS
	Ant1	5230	39.920	5210.080	5250.000	---	PASS
	Ant2	5230	39.600	5210.480	5250.080	---	PASS
	Ant1	5755	49.280	5733.880	5783.160	---	PASS
	Ant2	5755	39.680	5735.160	5774.840	---	PASS
	Ant1	5795	40.560	5774.840	5815.400	---	PASS
	Ant2	5795	40.080	5775.160	5815.240	---	PASS
11AC80SISO	Ant1	5210	81.600	5169.200	5250.800	---	PASS
	Ant2	5210	81.920	5169.200	5251.120	---	PASS
	Ant1	5775	82.560	5733.880	5816.440	---	PASS
	Ant2	5775	81.760	5734.360	5816.120	---	PASS

Test Graphs

11A_Ant1_5180



11A_Ant2_5180



11A_Ant1_5200

11A_Ant2_5200

11A_Ant1_5240

11A_Ant2_5240

11A_Ant1_5745

11A_Ant2_5745

11A_Ant1_5785

11A_Ant2_5785

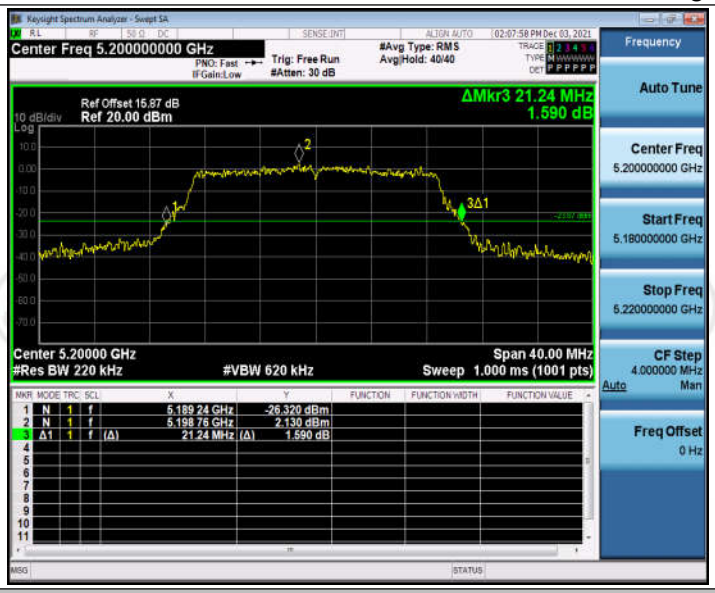
11A_Ant1_5825

11A_Ant2_5825

11N20SISO_Ant1_5180

11N20SISO_Ant2_5180

11N20SISO_Ant1_5200



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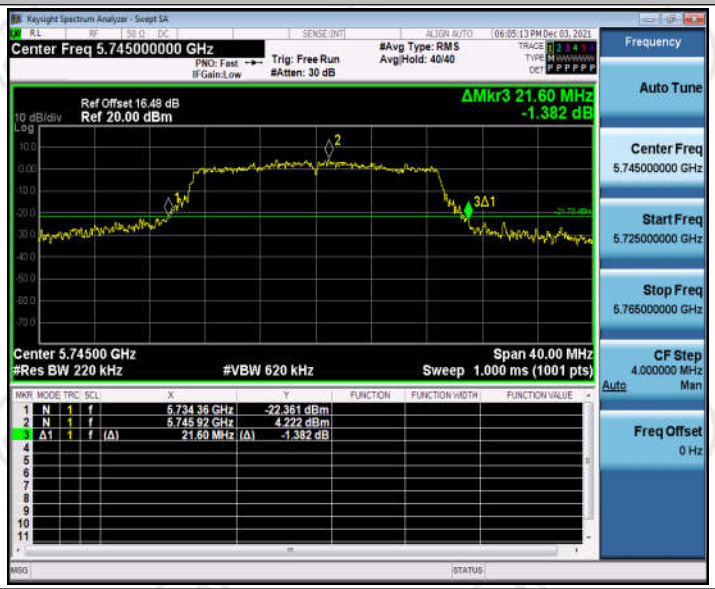
11N20SISO_Ant2_5240

11N20SISO_Ant1_5745

11N20SISO_Ant2_5745



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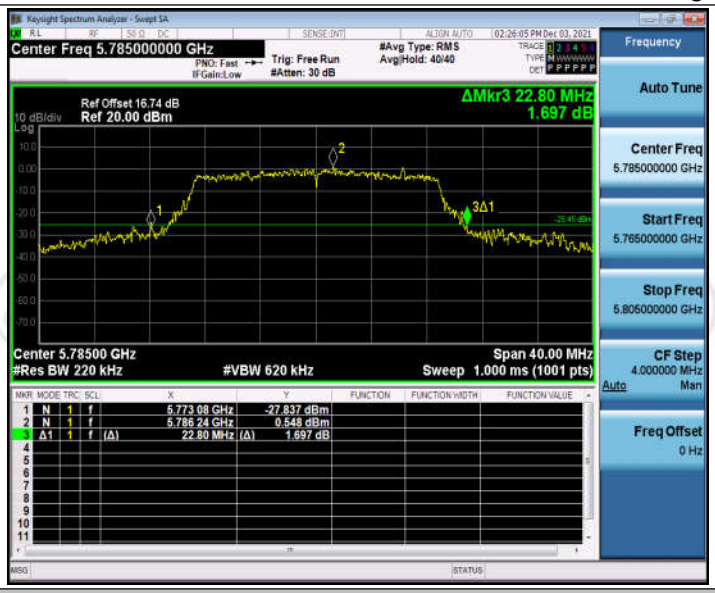

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11N20SISO_Ant1_5825

11N20SISO_Ant2_5825

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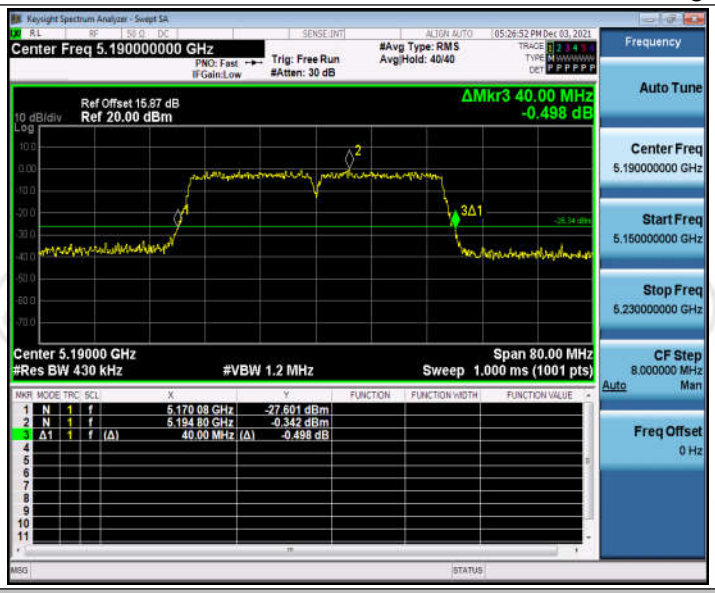

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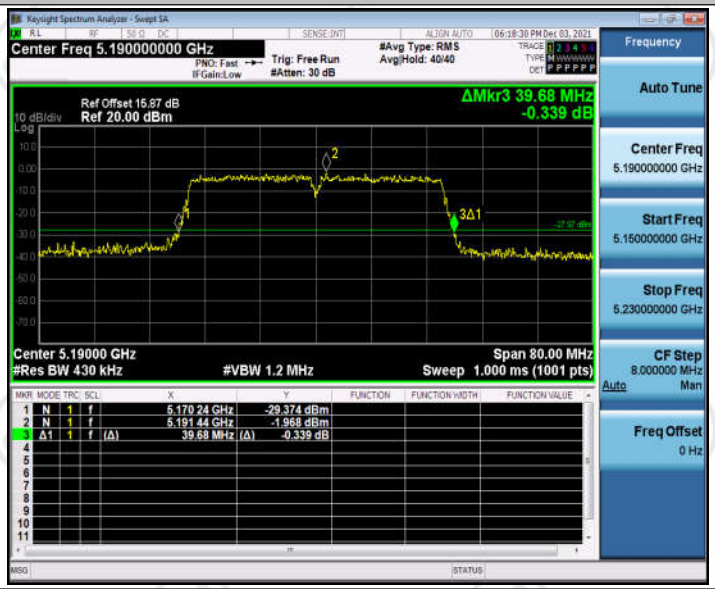

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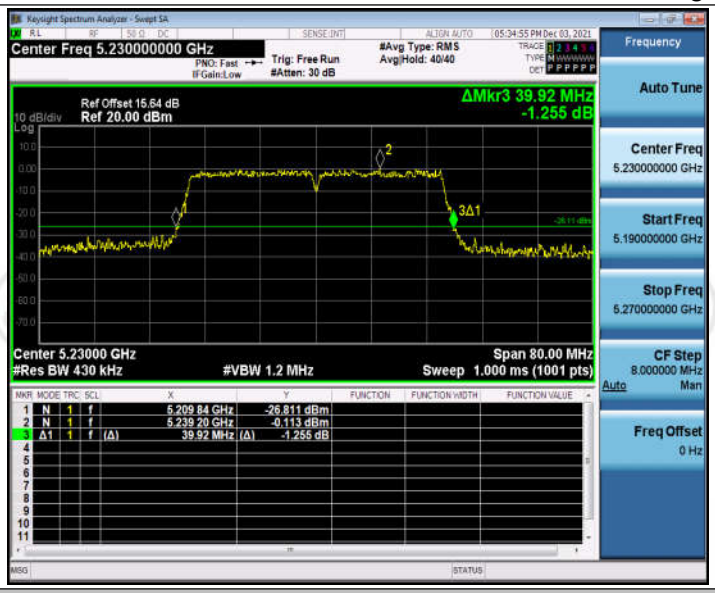

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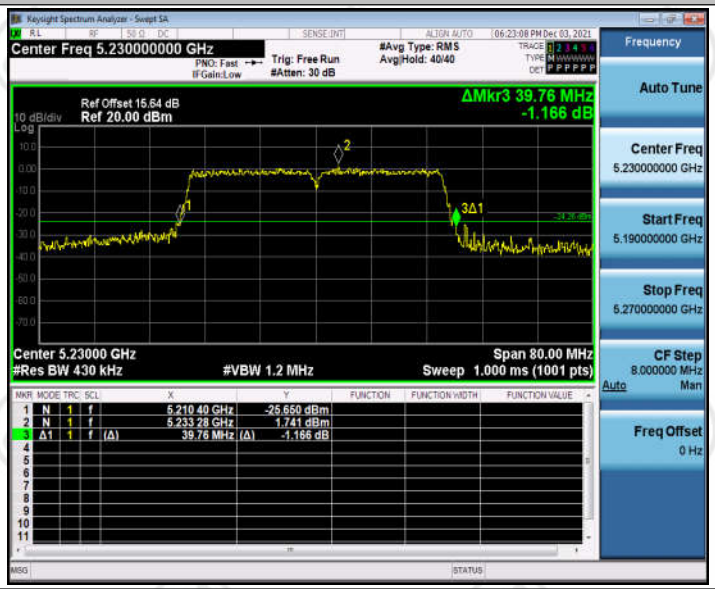

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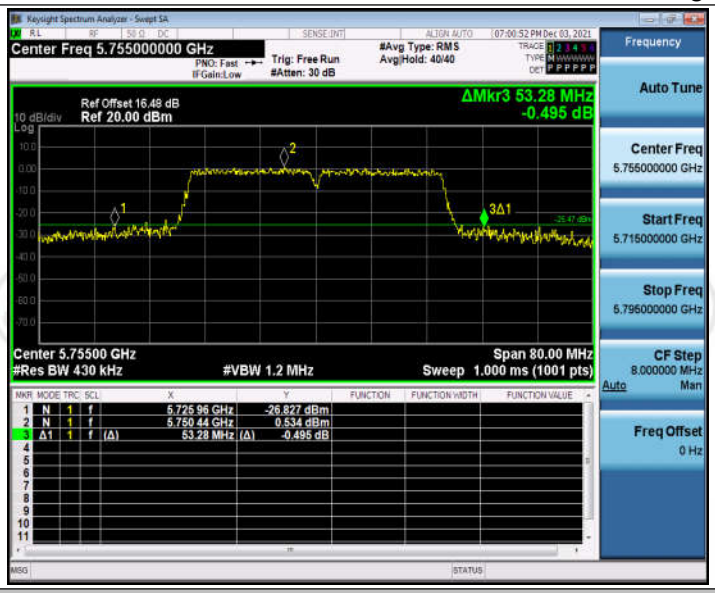

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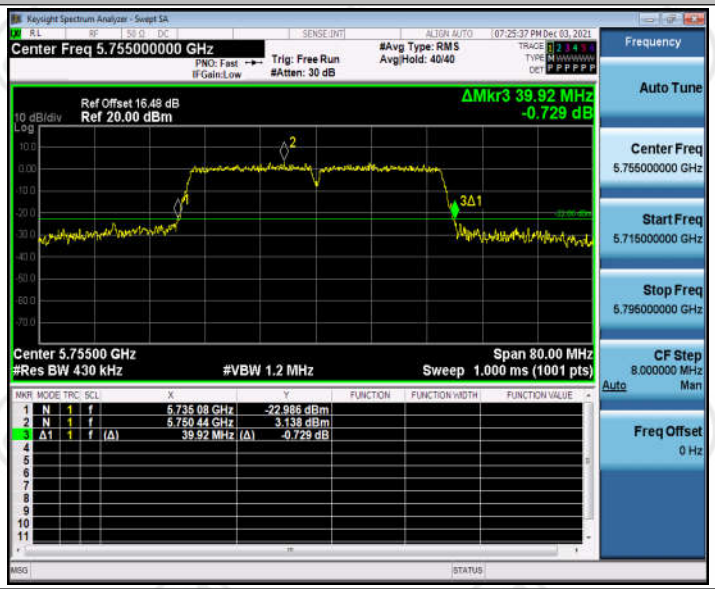

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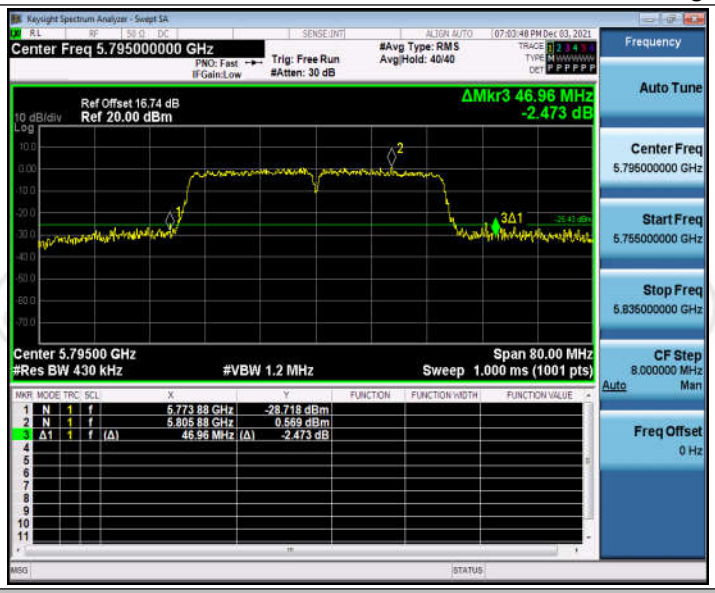

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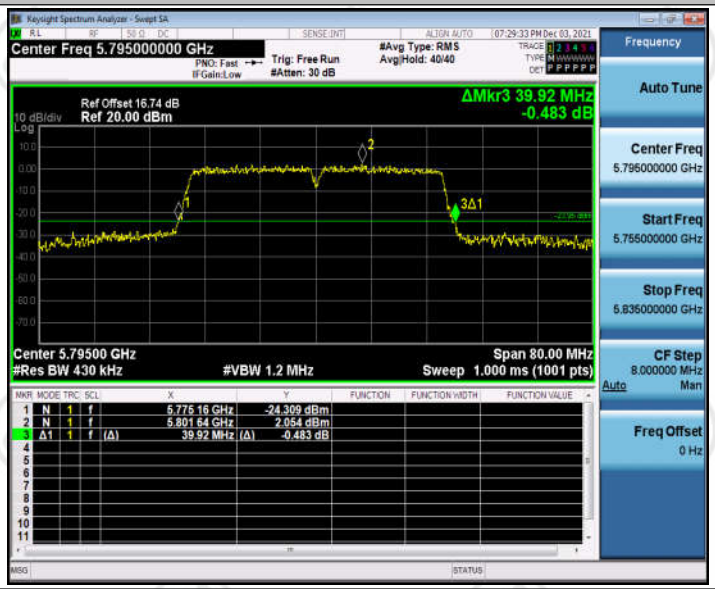
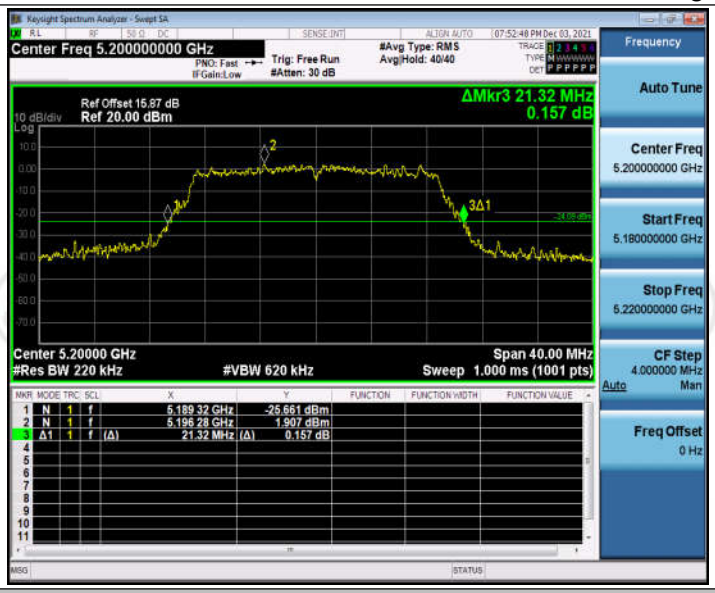


11AC20SISO_Ant1_5180

11AC20SISO_Ant2_5180

11AC20SISO_Ant1_5200



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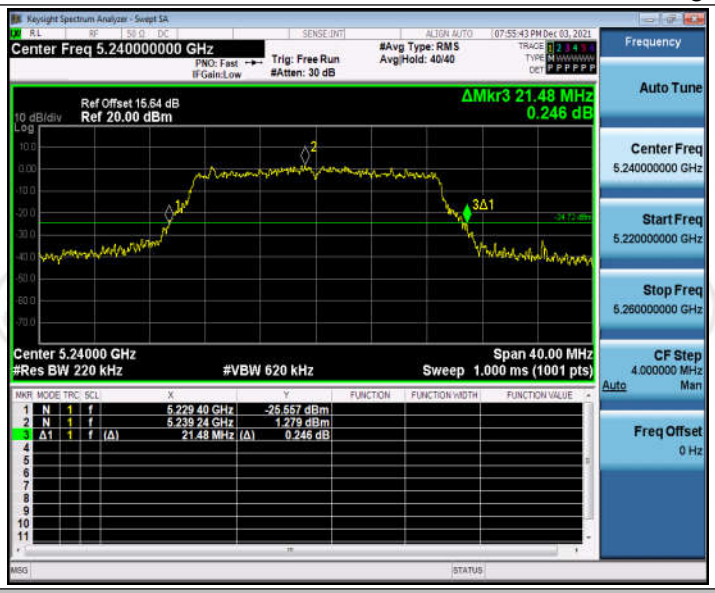
11AC20SISO_Ant1_5240



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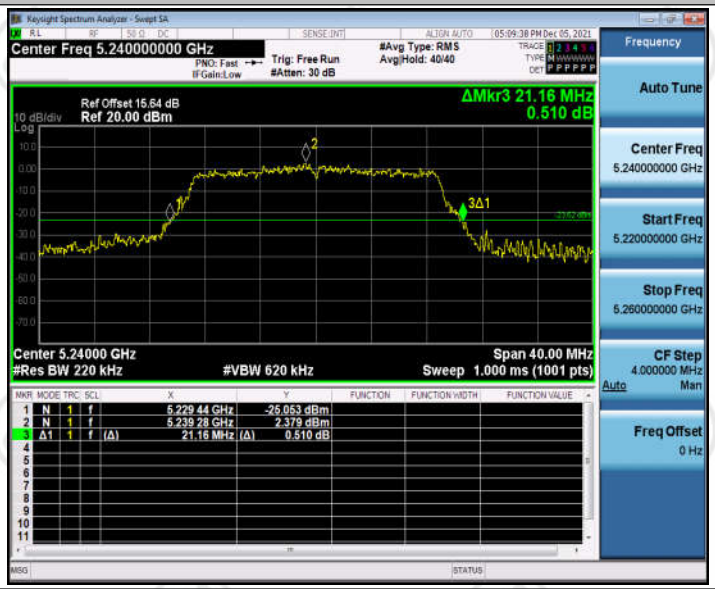
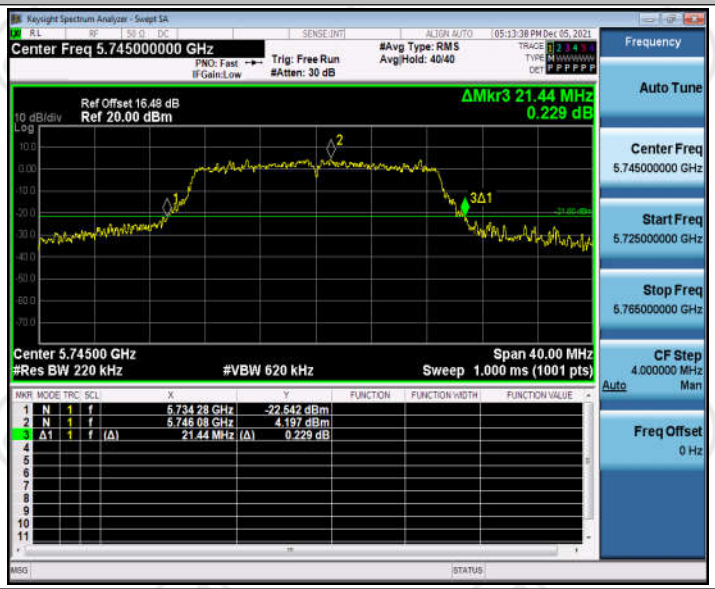


11AC20SISO_Ant1_5745

11AC20SISO_Ant2_5745



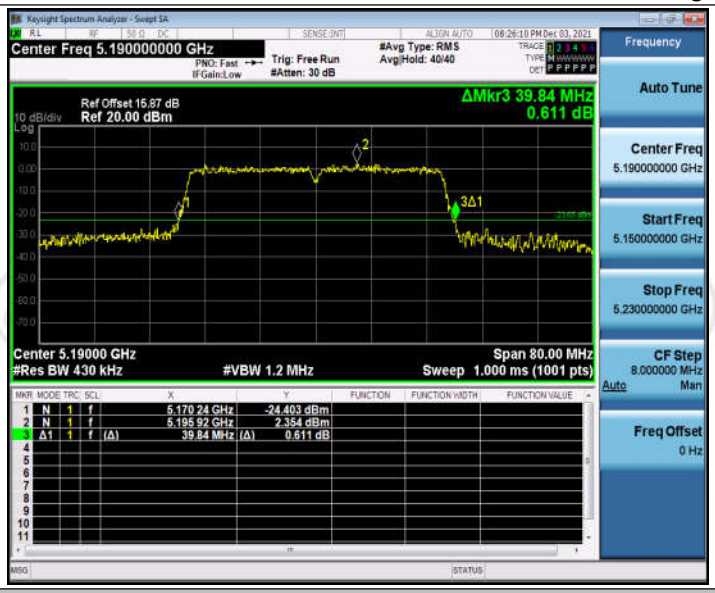
11AC20SISO_Ant1_5785

11AC20SISO_Ant2_5785

11AC20SISO_Ant1_5825

11AC20SISO_Ant2_5825

11AC40SISO_Ant1_5190



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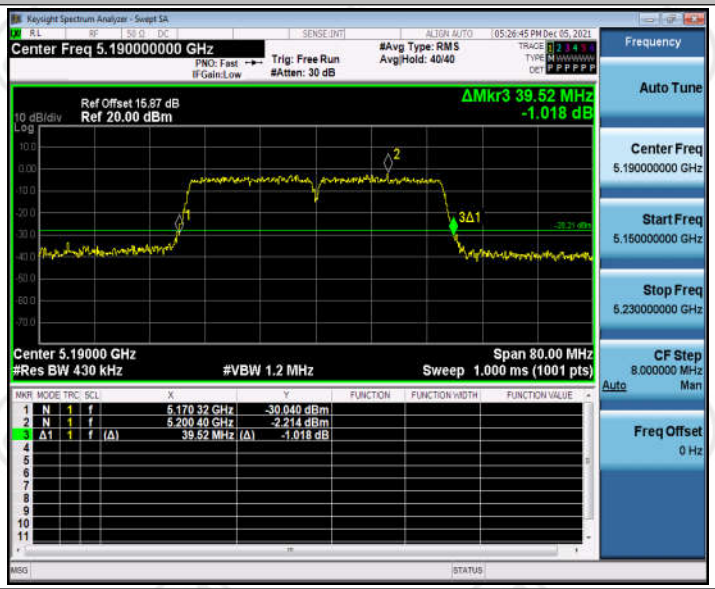
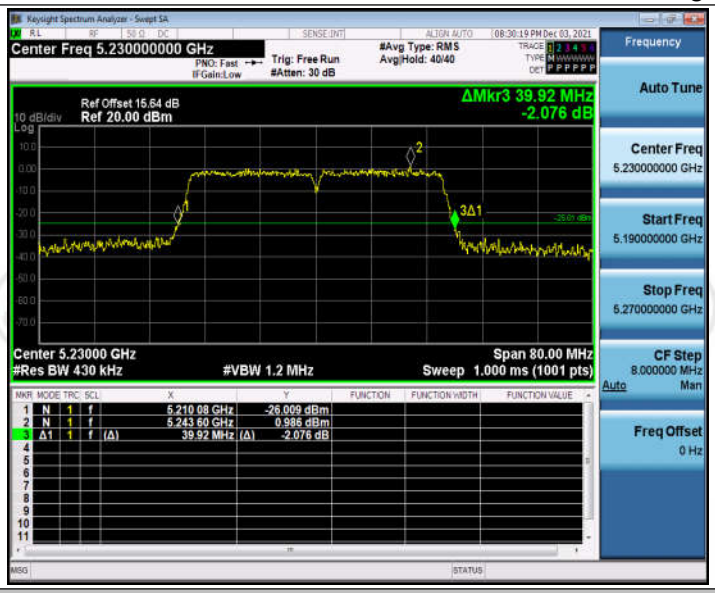
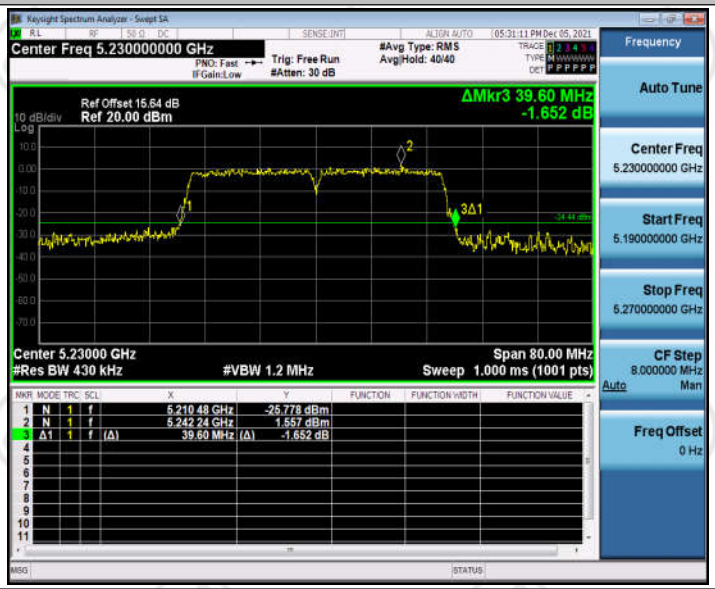


11AC40SISO_Ant1_5230



11AC40SISO_Ant2_5230



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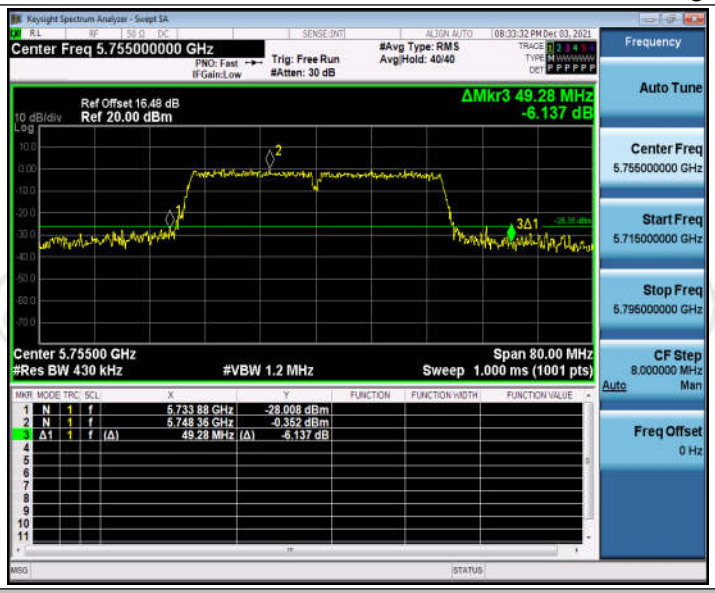
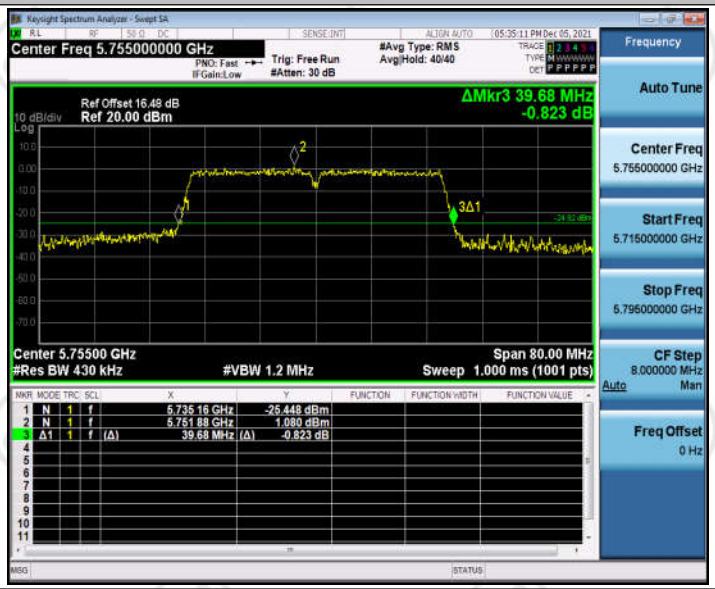


11AC40SISO_Ant2_5755



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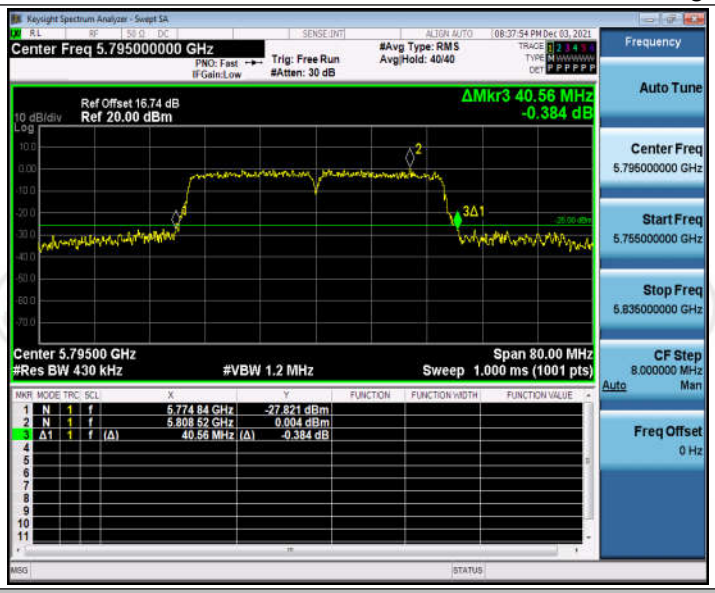
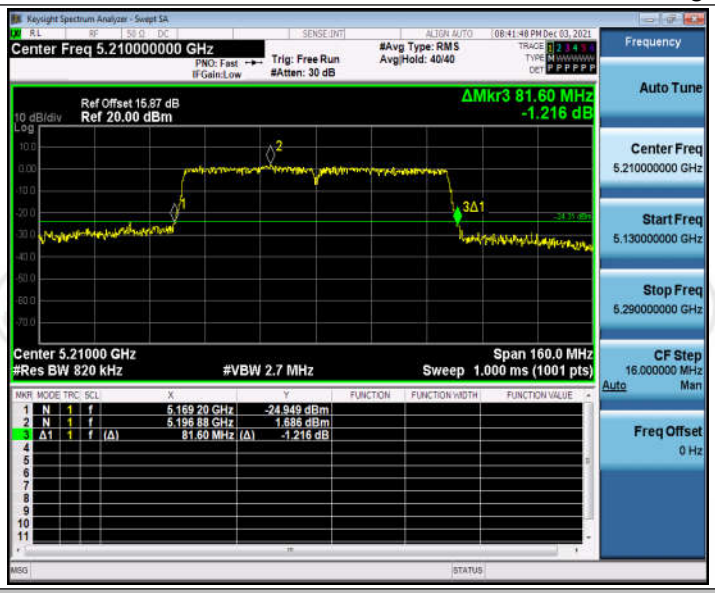


11AC40SISO_Ant2_5795

11AC80SISO_Ant1_5210



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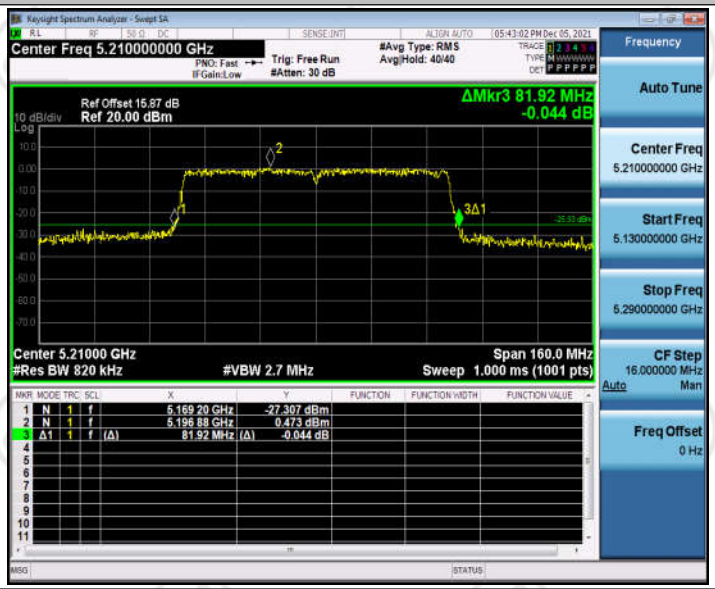
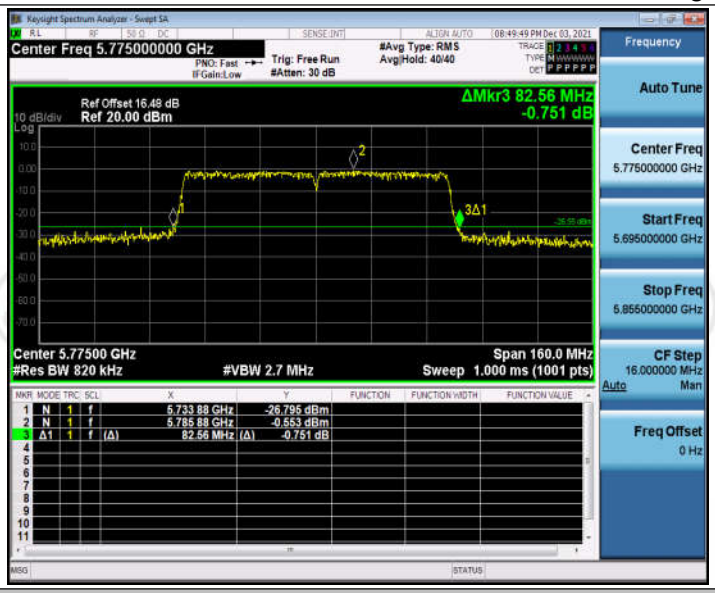


11AC80SISO_Ant1_5775



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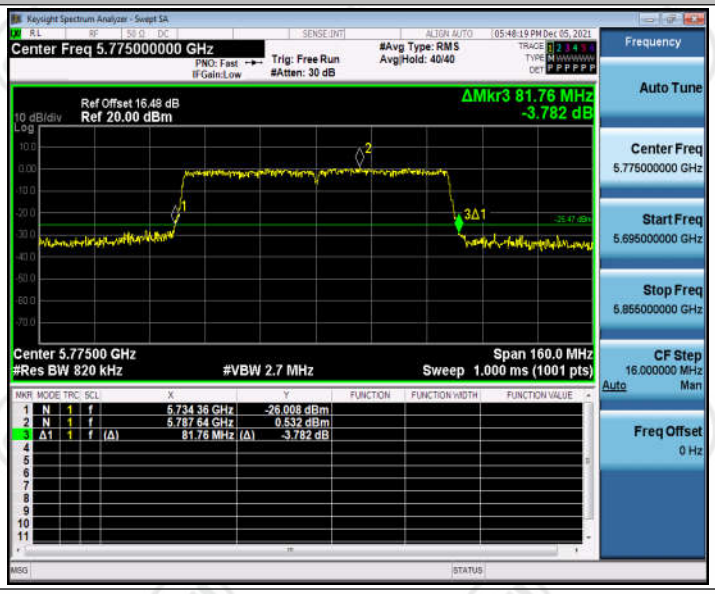


Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.372	5171.289	5188.661	---	PASS
	Ant2	5180	17.076	5171.416	5188.492	---	PASS
	Ant1	5200	17.127	5191.505	5208.632	---	PASS
	Ant2	5200	17.146	5191.442	5208.588	---	PASS
	Ant1	5240	17.179	5231.408	5248.587	---	PASS
	Ant2	5240	17.163	5231.478	5248.641	---	PASS
	Ant1	5745	17.176	5736.444	5753.620	---	PASS
	Ant2	5745	17.278	5736.327	5753.605	---	PASS
	Ant1	5785	16.987	5776.571	5793.558	---	PASS
	Ant2	5785	17.177	5776.466	5793.643	---	PASS
	Ant1	5825	17.126	5816.509	5833.635	---	PASS
	Ant2	5825	17.160	5816.453	5833.613	---	PASS
11N20SISO	Ant1	5180	18.259	5170.867	5189.126	---	PASS
	Ant2	5180	18.163	5170.943	5189.106	---	PASS
	Ant1	5200	18.101	5190.984	5209.085	---	PASS
	Ant2	5200	18.182	5190.927	5209.109	---	PASS
	Ant1	5240	18.074	5230.946	5249.020	---	PASS
	Ant2	5240	18.204	5230.882	5249.086	---	PASS
	Ant1	5745	18.141	5735.948	5754.089	---	PASS
	Ant2	5745	18.182	5735.966	5754.148	---	PASS
	Ant1	5785	18.190	5775.946	5794.136	---	PASS
	Ant2	5785	18.111	5776.001	5794.112	---	PASS
	Ant1	5825	18.406	5815.879	5834.285	---	PASS
	Ant2	5825	18.081	5816.002	5834.083	---	PASS
11N40SISO	Ant1	5190	36.494	5171.774	5208.268	---	PASS
	Ant2	5190	36.548	5171.713	5208.261	---	PASS
	Ant1	5230	36.490	5211.826	5248.316	---	PASS
	Ant2	5230	36.479	5211.855	5248.334	---	PASS
	Ant1	5755	36.561	5736.792	5773.353	---	PASS
	Ant2	5755	36.570	5736.748	5773.318	---	PASS
	Ant1	5795	36.500	5776.758	5813.258	---	PASS
	Ant2	5795	36.400	5776.881	5813.281	---	PASS
11AC20SISO	Ant1	5180	18.144	5170.920	5189.064	---	PASS
	Ant2	5180	18.090	5171.002	5189.092	---	PASS
	Ant1	5200	18.210	5190.880	5209.090	---	PASS
	Ant2	5200	18.288	5190.868	5209.156	---	PASS

	Ant1	5240	18.083	5230.978	5249.061	---	PASS
	Ant2	5240	18.211	5230.939	5249.150	---	PASS
	Ant1	5745	18.147	5735.961	5754.108	---	PASS
	Ant2	5745	18.233	5735.920	5754.153	---	PASS
	Ant1	5785	18.091	5776.009	5794.100	---	PASS
	Ant2	5785	18.222	5775.935	5794.157	---	PASS
	Ant1	5825	18.197	5815.942	5834.139	---	PASS
	Ant2	5825	18.221	5815.887	5834.108	---	PASS
11AC40SISO	Ant1	5190	36.607	5171.766	5208.373	---	PASS
	Ant2	5190	36.487	5171.767	5208.254	---	PASS
	Ant1	5230	36.395	5211.786	5248.181	---	PASS
	Ant2	5230	36.537	5211.803	5248.340	---	PASS
	Ant1	5755	36.565	5736.682	5773.247	---	PASS
	Ant2	5755	36.528	5736.766	5773.294	---	PASS
	Ant1	5795	36.458	5776.759	5813.217	---	PASS
	Ant2	5795	36.461	5776.784	5813.245	---	PASS
11AC80SISO	Ant1	5210	76.217	5171.944	5248.161	---	PASS
	Ant2	5210	76.255	5171.903	5248.158	---	PASS
	Ant1	5775	76.204	5736.912	5813.116	---	PASS
	Ant2	5775	76.355	5736.933	5813.288	---	PASS

Test Graphs

11A_Ant1_5180

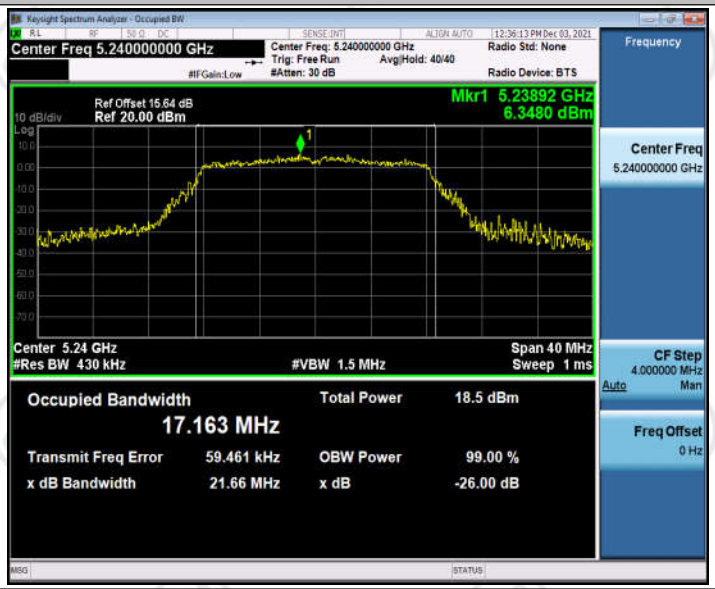
11A_Ant2_5180

11A_Ant1_5200

11A_Ant2_5200

11A_Ant1_5240

11A_Ant2_5240



11A_Ant1_5745

11A_Ant2_5745

11A_Ant1_5785

11A_Ant2_5785

11A_Ant1_5825

11A_Ant2_5825

11N20SISO_Ant1_5180

11N20SISO_Ant2_5180

11N20SISO_Ant1_5200

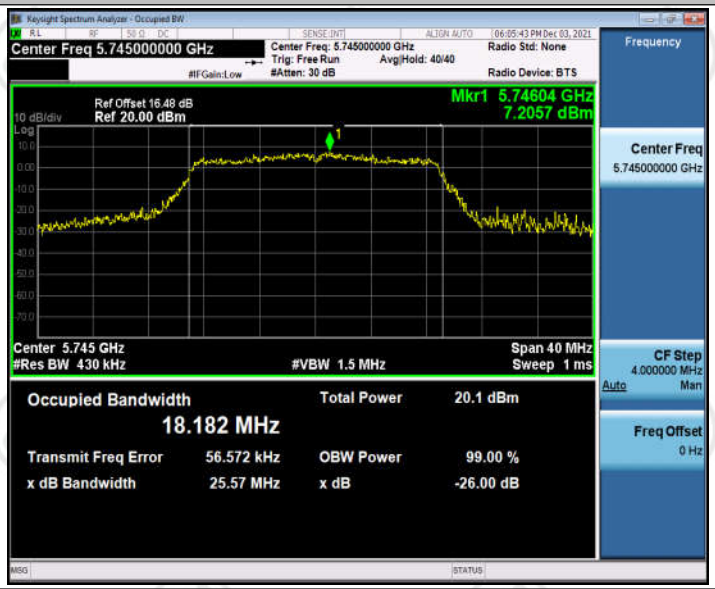
11N20SISO_Ant2_5200

11N20SISO_Ant1_5240

11N20SISO_Ant2_5240

11N20SISO_Ant1_5745

11N20SISO_Ant2_5745



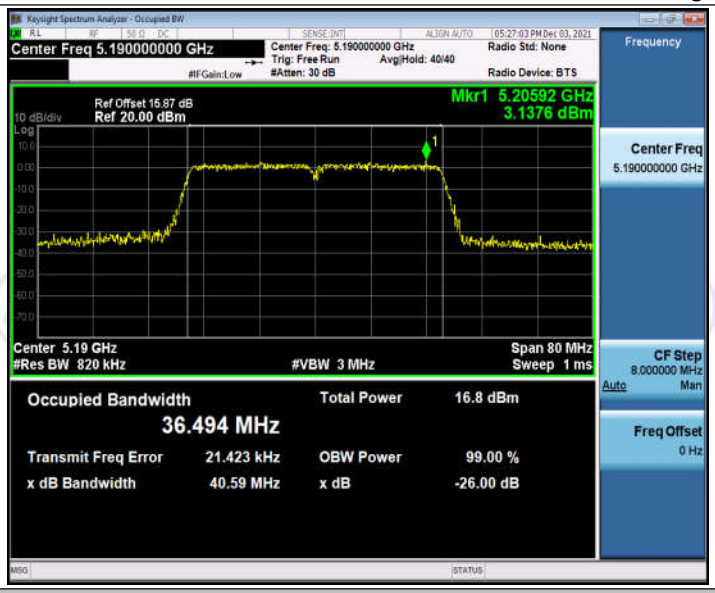
11N20SISO_Ant1_5785

11N20SISO_Ant2_5785

11N20SISO_Ant1_5825

11N20SISO_Ant2_5825

11N40SISO_Ant1_5190



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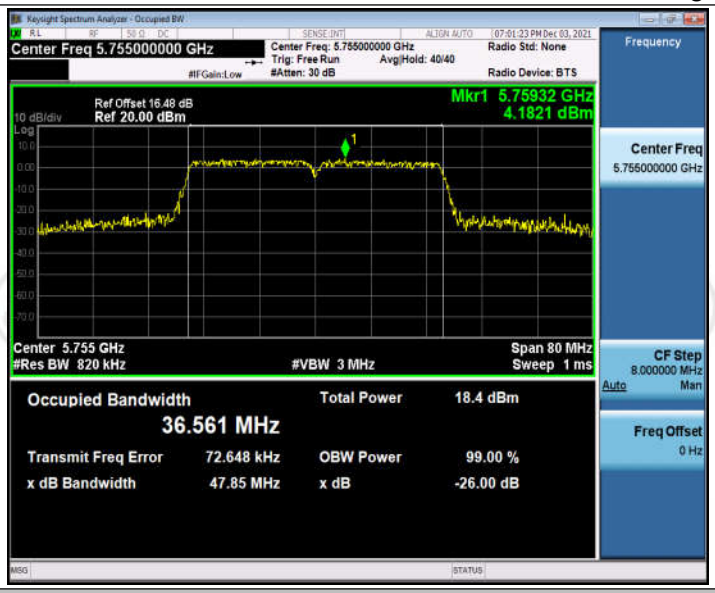
11N40SISO_Ant1_5230

11N40SISO_Ant2_5230

11N40SISO_Ant1_5755



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11N40SISO_Ant1_5795

11N40SISO_Ant2_5795

11AC20SISO_Ant1_5180

11AC20SISO_Ant2_5180

11AC20SISO_Ant1_5200

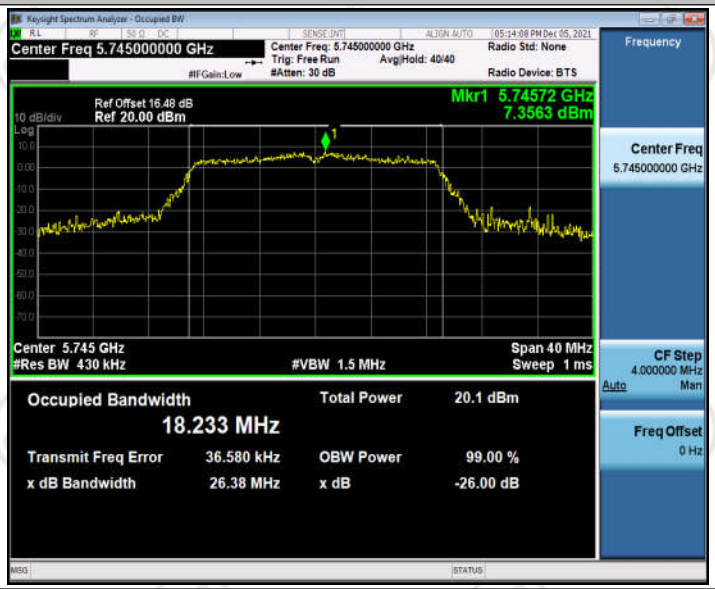
11AC20SISO_Ant2_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant2_5240

11AC20SISO_Ant1_5745

11AC20SISO_Ant2_5745



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11AC20SISO_Ant2_5785

11AC20SISO_Ant1_5825

11AC20SISO_Ant2_5825

11AC40SISO_Ant1_5190

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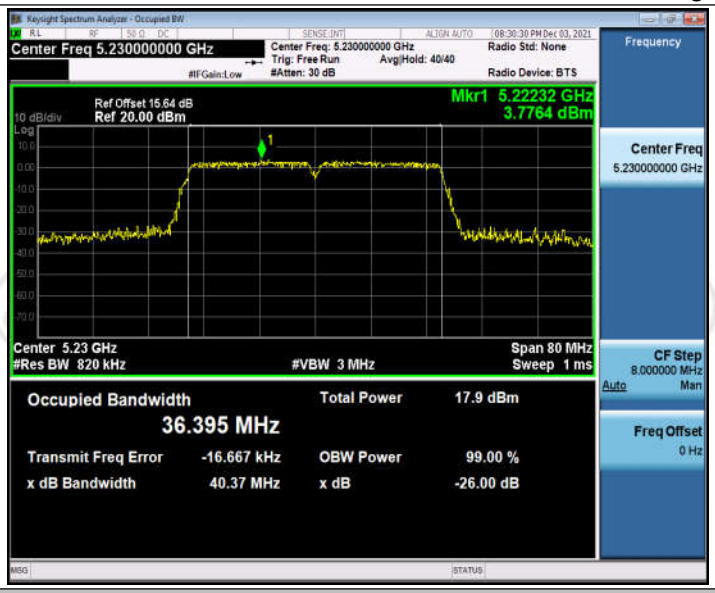
11AC40SISO_Ant1_5230



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11AC40SISO_Ant1_5755

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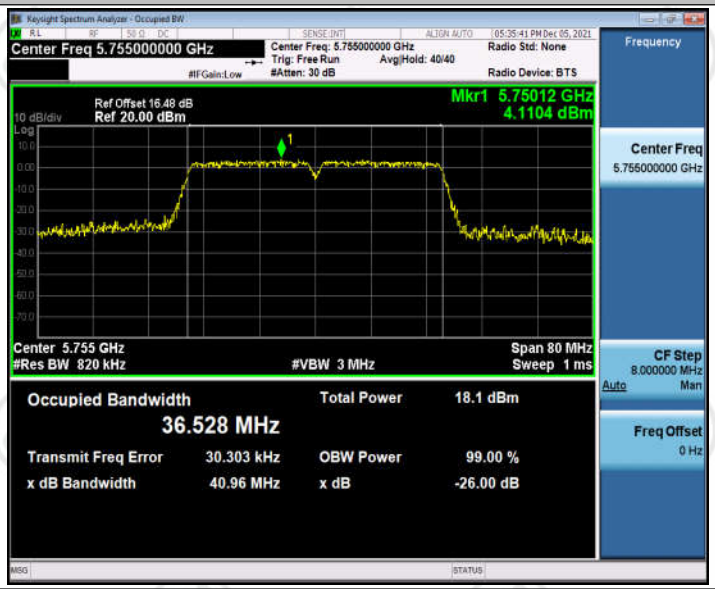

11AC40SISO_Ant1_5795

11AC40SISO_Ant2_5795

11AC80SISO_Ant1_5210