Appendix: 5G WIFI

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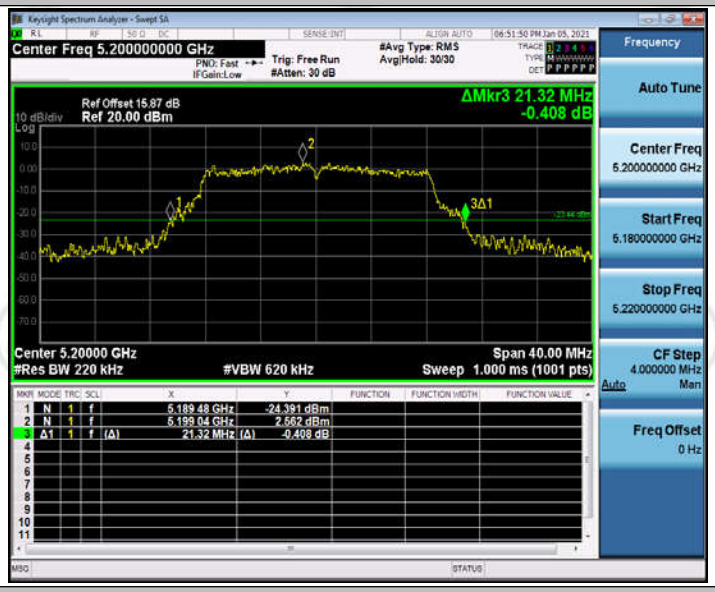
Appendix A1: 26dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.000	5169.560	5190.560	---	PASS
		5200	21.320	5189.480	5210.800	---	PASS
		5240	21.200	5229.400	5250.600	---	PASS
		5745	20.960	5734.600	5755.560	---	PASS
		5785	20.840	5774.720	5795.560	---	PASS
		5825	20.720	5814.680	5835.400	---	PASS
11N20SISO	Ant1	5180	21.240	5169.480	5190.720	---	PASS
		5200	21.440	5189.320	5210.760	---	PASS
		5240	21.080	5229.560	5250.640	---	PASS
		5745	21.320	5734.280	5755.600	---	PASS
		5785	21.240	5774.360	5795.600	---	PASS
		5825	21.080	5814.600	5835.680	---	PASS
11N40SISO	Ant1	5190	39.200	5170.560	5209.760	---	PASS
		5230	39.920	5210.320	5250.240	---	PASS
		5755	39.840	5735.000	5774.840	---	PASS
		5795	39.440	5775.320	5814.760	---	PASS
11AC20SISO	Ant1	5180	21.400	5169.400	5190.800	---	PASS
		5200	21.120	5189.480	5210.600	---	PASS
		5240	21.040	5229.560	5250.600	---	PASS
		5745	21.520	5734.400	5755.920	---	PASS
		5785	21.440	5774.360	5795.800	---	PASS
		5825	21.160	5814.360	5835.520	---	PASS
11AC40SISO	Ant1	5190	39.360	5170.400	5209.760	---	PASS
		5230	39.280	5210.560	5249.840	---	PASS
		5755	38.960	5735.560	5774.520	---	PASS
		5795	39.760	5775.160	5814.920	---	PASS
11AC80SISO	Ant1	5210	81.120	5169.520	5250.640	---	PASS
		5775	80.960	5734.680	5815.640	---	PASS

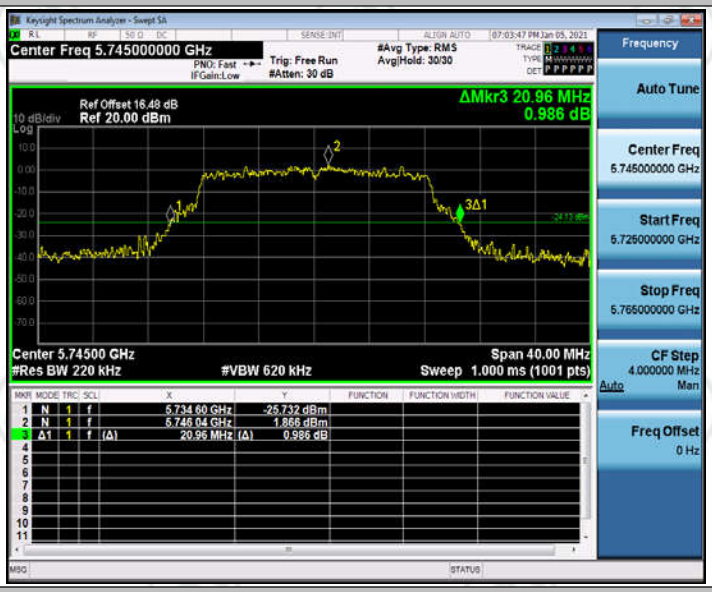
Test Graphs

11A_Ant1_5180



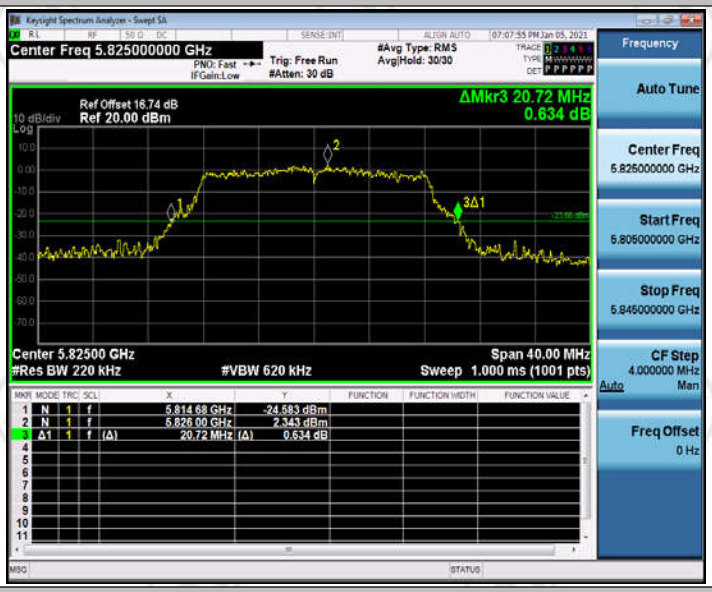
11A_Ant1_5200

11A_Ant1_5240

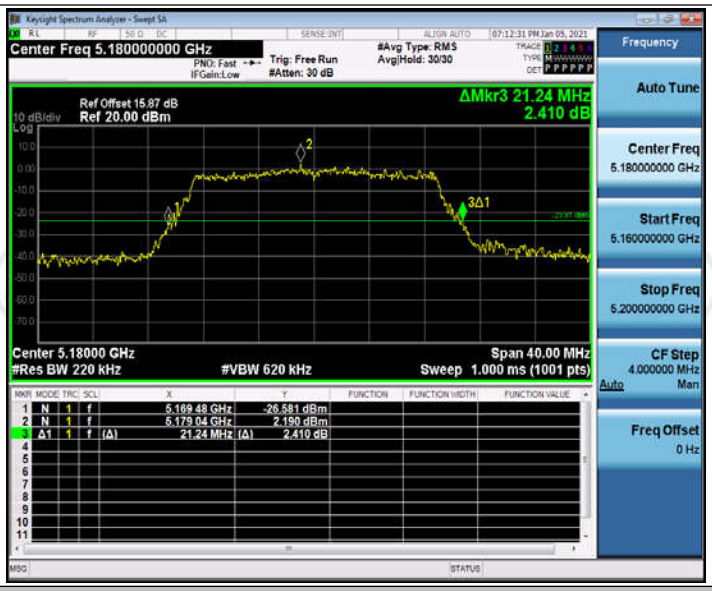


11A_Ant1_5745

11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180

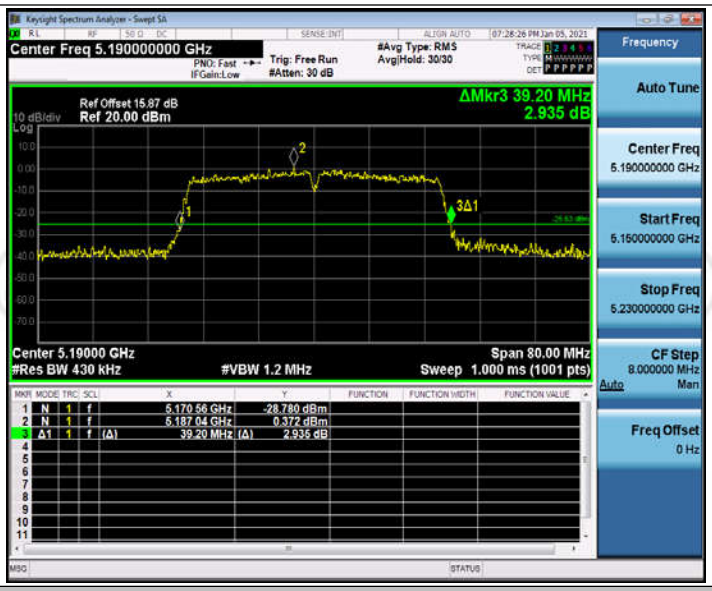
11N20SISO_Ant1_5200

11N20SISO_Ant1_5240

11N20SISO_Ant1_5745

11N20SISO_Ant1_5785

11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

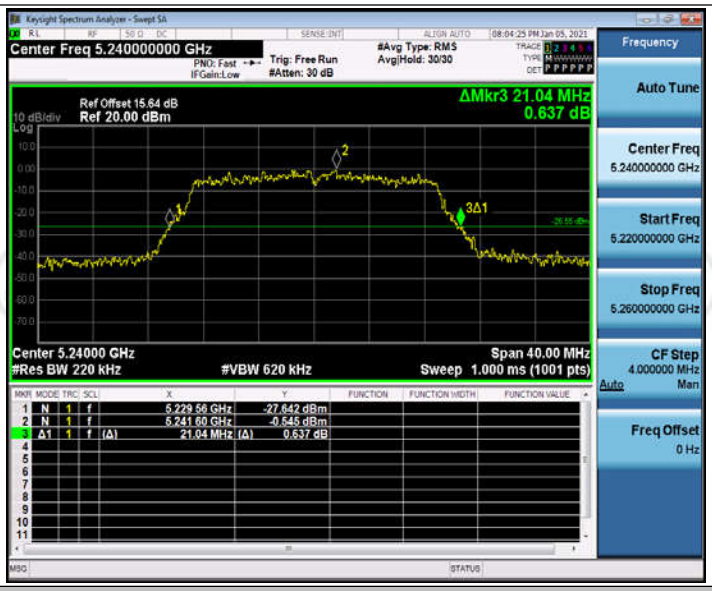
11N40SISO_Ant1_5230

11N40SISO_Ant1_5755

11N40SISO_Ant1_5795

11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200



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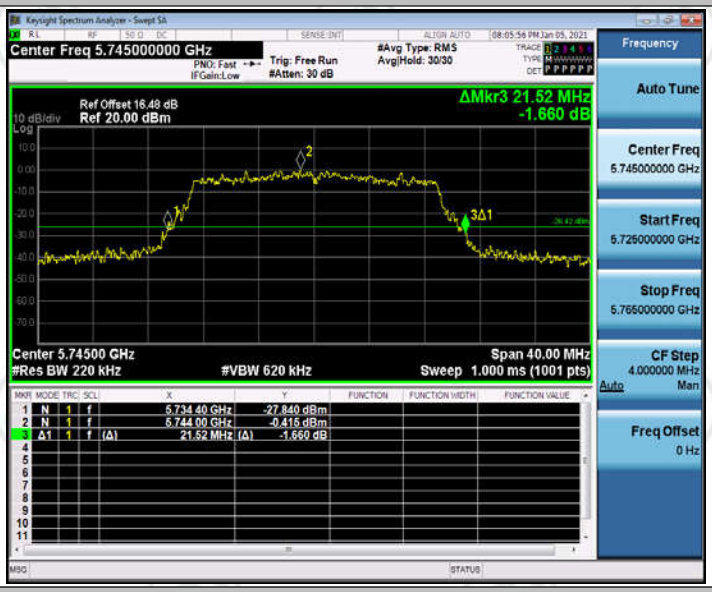
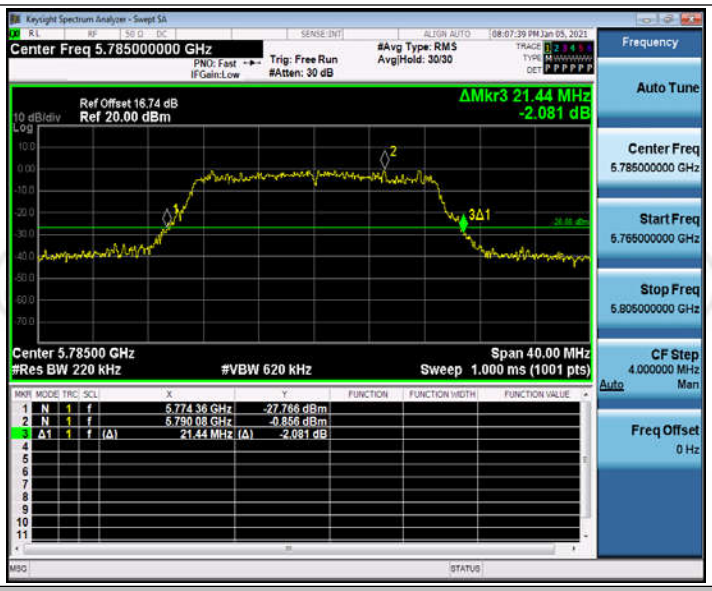
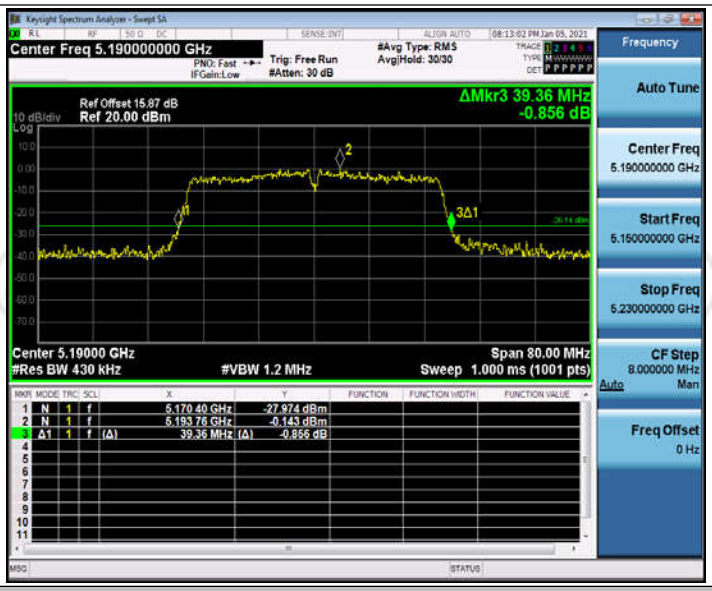


11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

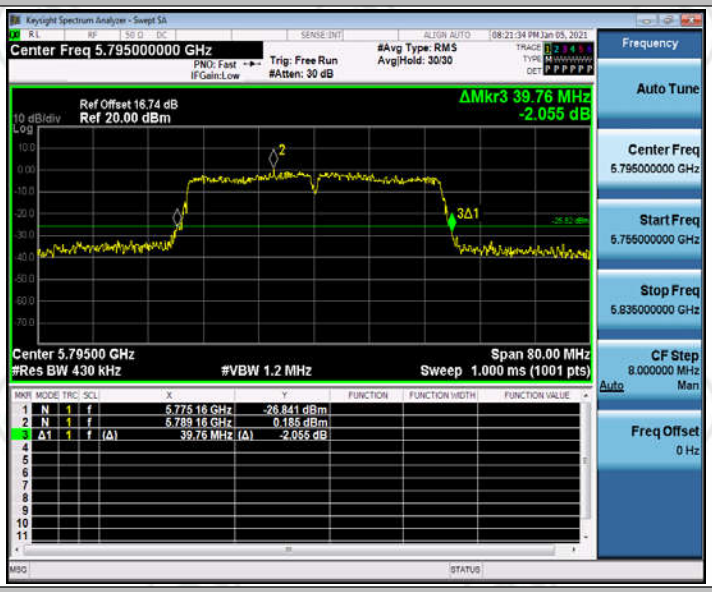
11AC20SISO_Ant1_5825



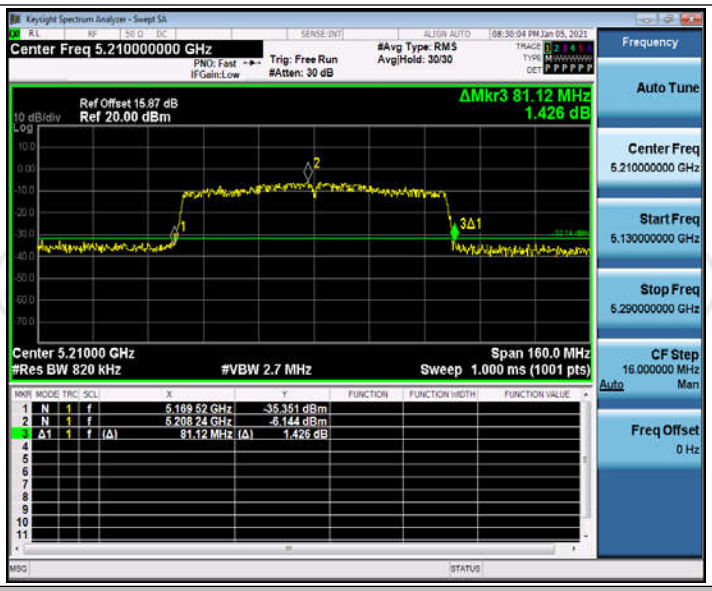
11AC40SISO_Ant1_5190

11AC40SISO_Ant1_5230

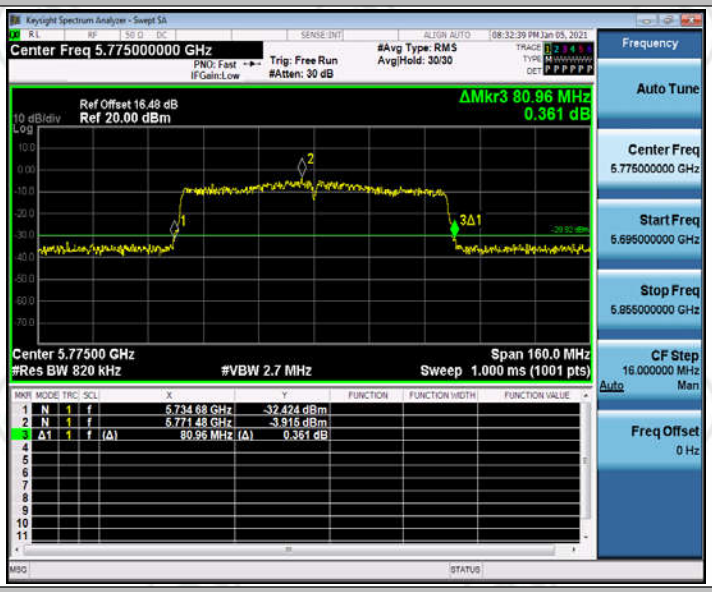
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

Appendix A2: 99% Occupied bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.104	5171.578	5188.682	---	PASS
		5200	17.209	5191.415	5208.624	---	PASS
		5240	17.155	5231.500	5248.655	---	PASS
		5745	17.061	5736.511	5753.572	---	PASS
		5785	17.188	5776.482	5793.670	---	PASS
		5825	17.097	5816.519	5833.616	---	PASS
11N20SISO	Ant1	5180	17.897	5171.107	5189.004	---	PASS
		5200	18.171	5191.030	5209.201	---	PASS
		5240	18.086	5231.060	5249.146	---	PASS
		5745	18.083	5736.031	5754.114	---	PASS
		5785	18.112	5776.002	5794.114	---	PASS
		5825	18.053	5816.056	5834.109	---	PASS
11N40SISO	Ant1	5190	36.282	5171.931	5208.213	---	PASS
		5230	36.248	5211.975	5248.223	---	PASS
		5755	36.401	5736.830	5773.231	---	PASS
		5795	36.337	5776.877	5813.214	---	PASS
11AC20SISO	Ant1	5180	18.012	5171.157	5189.169	---	PASS
		5200	18.013	5191.106	5209.119	---	PASS
		5240	18.095	5231.035	5249.130	---	PASS
		5745	18.135	5735.988	5754.123	---	PASS
		5785	18.062	5776.034	5794.096	---	PASS
		5825	18.056	5816.018	5834.074	---	PASS
11AC40SISO	Ant1	5190	36.286	5171.971	5208.257	---	PASS
		5230	36.285	5211.933	5248.218	---	PASS
		5755	36.286	5736.922	5773.208	---	PASS
		5795	36.376	5776.907	5813.283	---	PASS
11AC80SISO	Ant1	5210	75.736	5172.266	5248.002	---	PASS
		5775	75.954	5737.179	5813.133	---	PASS

Test Graphs

11A_Ant1_5180

11A_Ant1_5200

11A_Ant1_5240

11A_Ant1_5745

11A_Ant1_5785

11A_Ant1_5825

11N20SISO_Ant1_5180

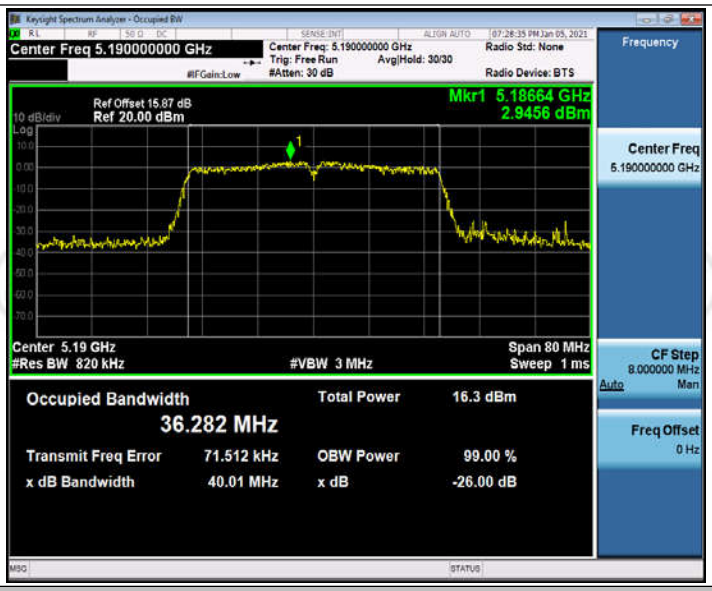
11N20SISO_Ant1_5200

11N20SISO_Ant1_5240

11N20SISO_Ant1_5745

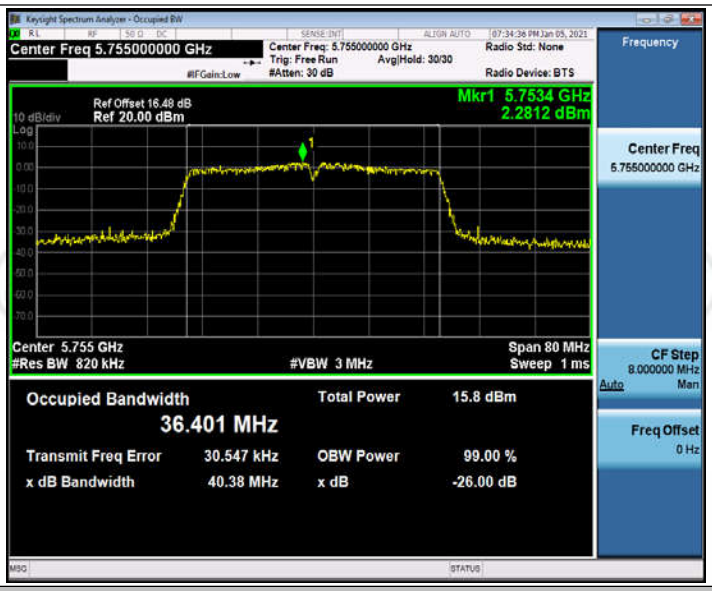
11N20SISO_Ant1_5785

11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

11N40SISO_Ant1_5230



11N40SISO_Ant1_5755

11N40SISO_Ant1_5795

11AC20SISO_Ant1_5180

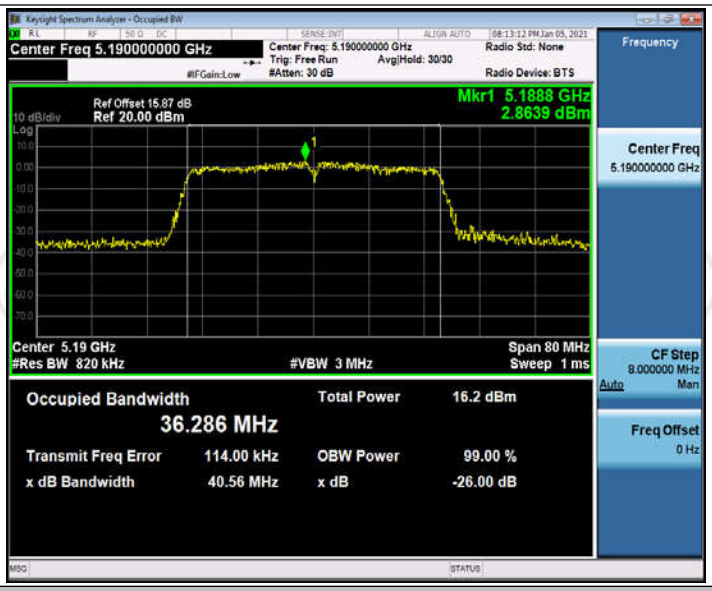
11AC20SISO_Ant1_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant1_5745

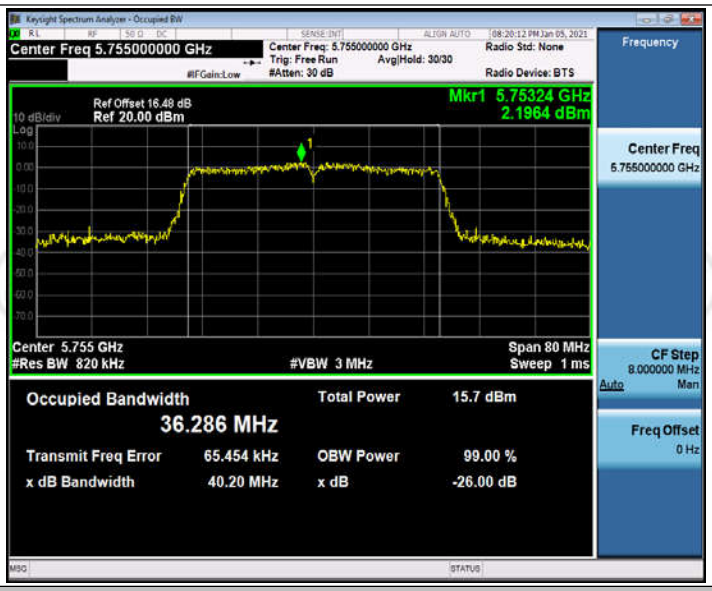
11AC20SISO_Ant1_5785

11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

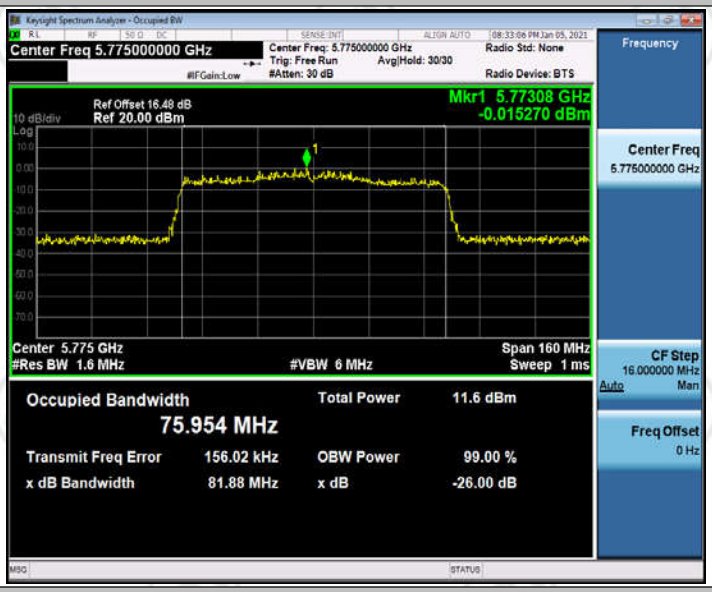
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755

11AC40SISO_Ant1_5795

11AC80SISO_Ant1_5210



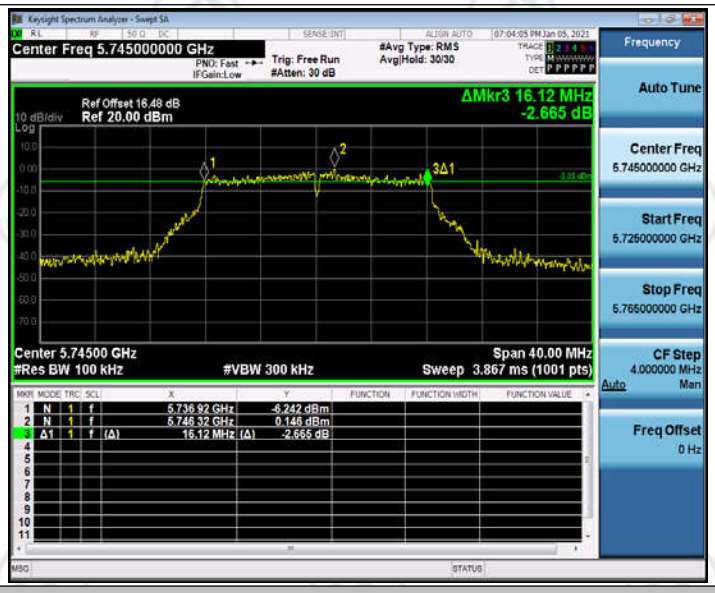
11AC80SISO_Ant1_5775

Appendix A3: 6dB emission bandwidth

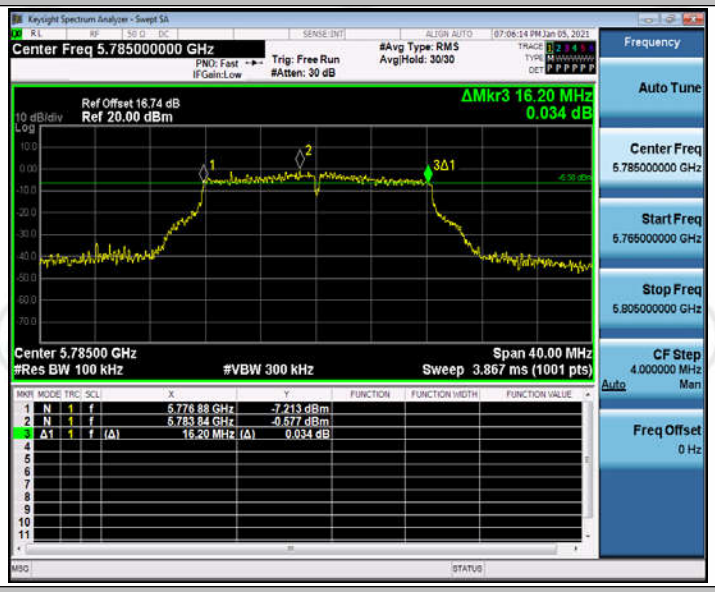
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.120	5736.920	5753.040	0.5	PASS
		5785	16.200	5776.880	5793.080	0.5	PASS
		5825	16.120	5816.880	5833.000	0.5	PASS
11N20SISO	Ant1	5745	15.120	5737.560	5752.680	0.5	PASS
		5785	17.680	5776.240	5793.920	0.5	PASS
		5825	17.680	5816.240	5833.920	0.5	PASS
11N40SISO	Ant1	5755	35.760	5737.160	5772.920	0.5	PASS
		5795	35.200	5777.480	5812.680	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.280	5753.880	0.5	PASS
		5785	17.360	5776.280	5793.640	0.5	PASS
		5825	17.640	5816.240	5833.880	0.5	PASS
11AC40SISO	Ant1	5755	33.840	5737.480	5771.320	0.5	PASS
		5795	35.600	5777.080	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	75.360	5737.400	5812.760	0.5	PASS

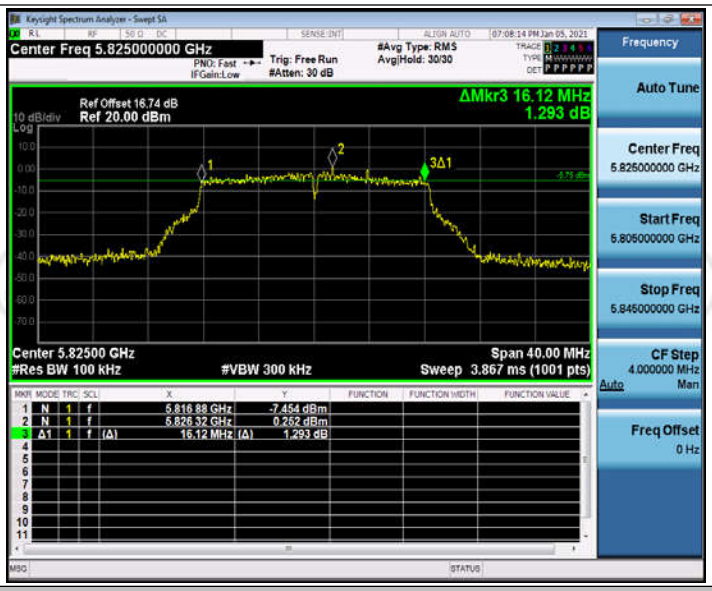
Test Graphs



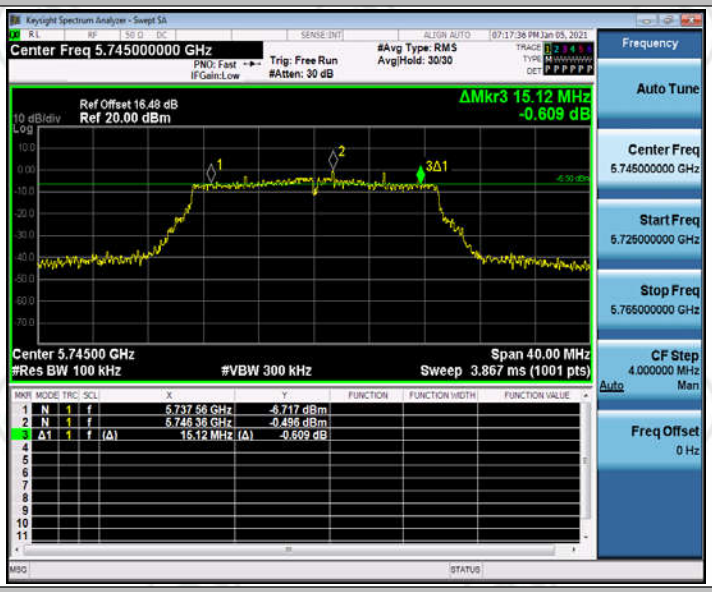
11A_Ant1_5745



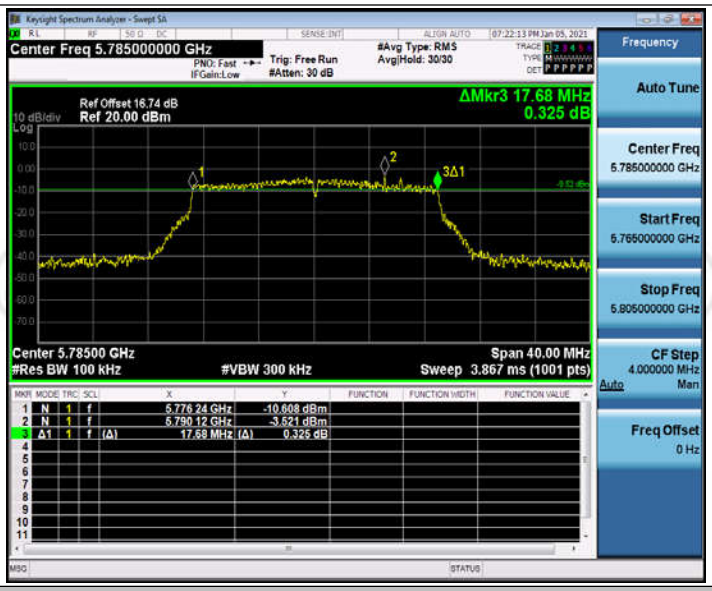
11A_Ant1_5785



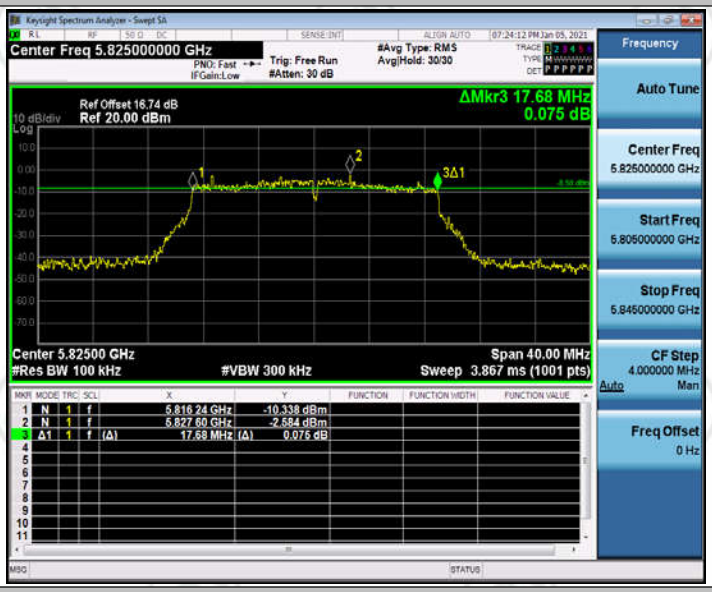
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825