

Appendix for 5G WIFI

Test Report No. :CTL2207213031-WF02

Appendix A: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.800	5168.480	5191.280	---	PASS
	Ant2	5180	21.120	5170.120	5191.240	---	PASS
	Ant1	5200	20.720	5190.240	5210.960	---	PASS
	Ant2	5200	23.400	5188.160	5211.560	---	PASS
	Ant1	5240	22.520	5228.720	5251.240	---	PASS
	Ant2	5240	20.440	5230.440	5250.880	---	PASS
	Ant1	5745	21.120	5734.520	5755.640	---	PASS
	Ant2	5745	21.280	5735.000	5756.280	---	PASS
	Ant1	5785	24.120	5773.840	5797.960	---	PASS
	Ant2	5785	24.800	5773.120	5797.920	---	PASS
	Ant1	5825	24.720	5813.160	5837.880	---	PASS
	Ant2	5825	22.440	5814.400	5836.840	---	PASS
11N20SISO	Ant1	5180	22.640	5169.000	5191.640	---	PASS
	Ant2	5180	20.600	5170.040	5190.640	---	PASS
	Ant1	5200	21.200	5189.920	5211.120	---	PASS
	Ant2	5200	22.000	5189.920	5211.920	---	PASS
	Ant1	5240	23.200	5228.760	5251.960	---	PASS
	Ant2	5240	21.040	5229.680	5250.720	---	PASS
	Ant1	5745	19.920	5735.400	5755.320	---	PASS
	Ant2	5745	20.400	5735.240	5755.640	---	PASS
	Ant1	5785	20.080	5775.240	5795.320	---	PASS
	Ant2	5785	21.840	5774.720	5796.560	---	PASS
	Ant1	5825	21.120	5814.800	5835.920	---	PASS
	Ant2	5825	24.280	5813.160	5837.440	---	PASS
11N40SISO	Ant1	5190	42.480	5169.120	5211.600	---	PASS
	Ant2	5190	41.680	5169.680	5211.360	---	PASS
	Ant1	5230	42.080	5209.600	5251.680	---	PASS
	Ant2	5230	46.960	5208.080	5255.040	---	PASS
	Ant1	5755	40.560	5735.000	5775.560	---	PASS
	Ant2	5755	41.280	5734.120	5775.400	---	PASS
	Ant1	5795	40.640	5775.080	5815.720	---	PASS
	Ant2	5795	47.200	5773.160	5820.360	---	PASS

11AC20SISO	Ant1	5180	20.360	5170.280	5190.640	---	PASS
	Ant2	5180	21.880	5169.960	5191.840	---	PASS
	Ant1	5200	20.800	5190.080	5210.880	---	PASS
	Ant2	5200	21.720	5189.600	5211.320	---	PASS
	Ant1	5240	21.520	5229.280	5250.800	---	PASS
	Ant2	5240	25.480	5227.520	5253.000	---	PASS
	Ant1	5745	20.000	5735.440	5755.440	---	PASS
	Ant2	5745	20.080	5735.400	5755.480	---	PASS
	Ant1	5785	19.960	5775.440	5795.400	---	PASS
	Ant2	5785	20.280	5775.360	5795.640	---	PASS
	Ant1	5825	20.120	5815.280	5835.400	---	PASS
	Ant2	5825	20.240	5815.200	5835.440	---	PASS
11AC40SISO	Ant1	5190	41.280	5169.760	5211.040	---	PASS
	Ant2	5190	41.920	5169.040	5210.960	---	PASS
	Ant1	5230	47.200	5209.680	5256.880	---	PASS
	Ant2	5230	48.480	5207.520	5256.000	---	PASS
	Ant1	5755	40.480	5735.160	5775.640	---	PASS
	Ant2	5755	40.880	5735.000	5775.880	---	PASS
	Ant1	5795	40.880	5774.840	5815.720	---	PASS
	Ant2	5795	40.720	5774.920	5815.640	---	PASS
11AC80SISO	Ant1	5210	82.080	5169.360	5251.440	---	PASS
	Ant2	5210	87.520	5169.200	5256.720	---	PASS
	Ant1	5775	83.680	5732.600	5816.280	---	PASS
	Ant2	5775	83.680	5732.600	5816.280	---	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



11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



11N40SISO_Ant2_5230



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



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



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825



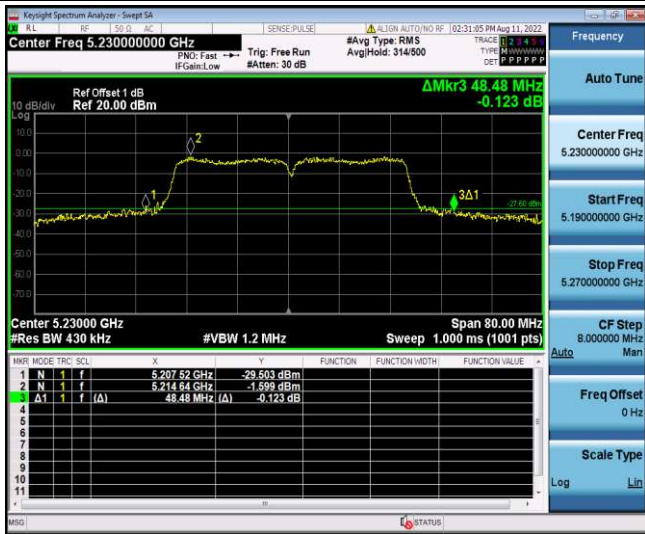
11AC40SISO_Ant1_5190



11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant2_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant2_5755



11AC40SISO_Ant1_5795



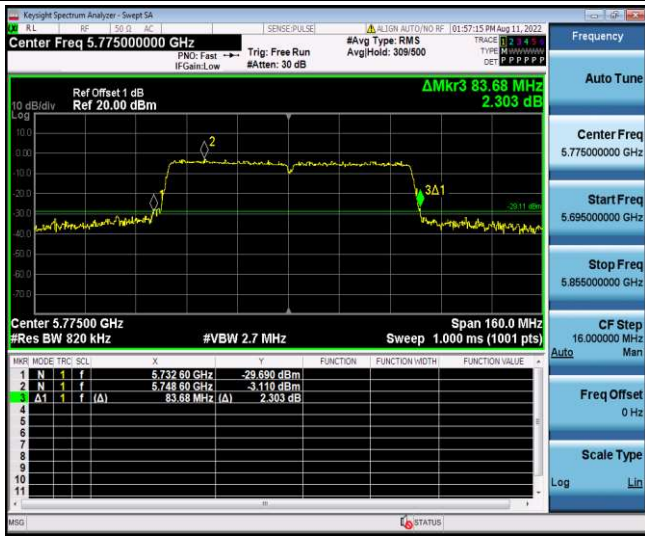
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11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210



11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775

Appendix B: Min emission bandwidth

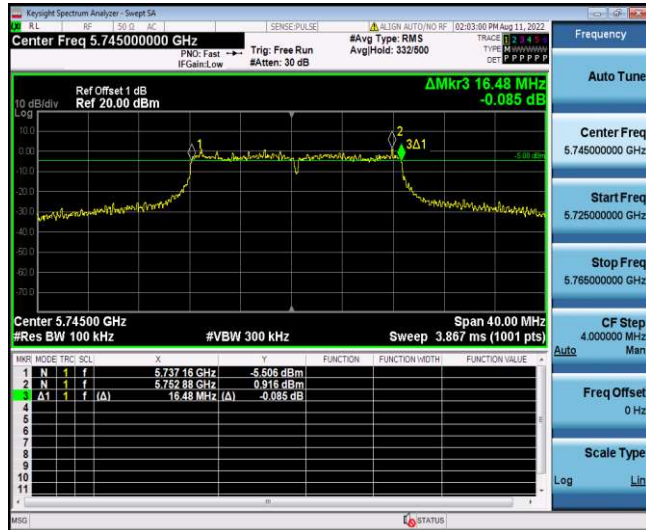
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5737.160	5753.600	0.5	PASS
	Ant2	5745	16.480	5737.160	5753.640	0.5	PASS
	Ant1	5785	16.480	5777.160	5793.640	0.5	PASS
	Ant2	5785	16.440	5777.160	5793.600	0.5	PASS
	Ant1	5825	16.480	5817.160	5833.640	0.5	PASS
	Ant2	5825	16.480	5817.160	5833.640	0.5	PASS
11N20SISO	Ant1	5745	17.680	5736.560	5754.240	0.5	PASS
	Ant2	5745	17.640	5736.560	5754.200	0.5	PASS
	Ant1	5785	17.680	5776.560	5794.240	0.5	PASS
	Ant2	5785	17.680	5776.560	5794.240	0.5	PASS
	Ant1	5825	17.720	5816.560	5834.280	0.5	PASS
	Ant2	5825	17.680	5816.560	5834.240	0.5	PASS
11N40SISO	Ant1	5755	35.840	5737.400	5773.240	0.5	PASS
	Ant2	5755	35.680	5737.400	5773.080	0.5	PASS
	Ant1	5795	35.920	5777.400	5813.320	0.5	PASS
	Ant2	5795	36.000	5777.400	5813.400	0.5	PASS
11AC20SISO	Ant1	5745	17.640	5736.560	5754.200	0.5	PASS
	Ant2	5745	17.680	5736.560	5754.240	0.5	PASS
	Ant1	5785	17.680	5776.560	5794.240	0.5	PASS
	Ant2	5785	17.680	5776.560	5794.240	0.5	PASS
	Ant1	5825	17.680	5816.560	5834.240	0.5	PASS
	Ant2	5825	17.680	5816.560	5834.240	0.5	PASS
11AC40SISO	Ant1	5755	35.600	5737.480	5773.080	0.5	PASS
	Ant2	5755	35.840	5737.400	5773.240	0.5	PASS
	Ant1	5795	36.080	5777.320	5813.400	0.5	PASS
	Ant2	5795	36.080	5777.320	5813.400	0.5	PASS
11AC80SISO	Ant1	5775	76.320	5737.080	5813.400	0.5	PASS
	Ant2	5775	76.640	5737.080	5813.720	0.5	PASS

Test Graphs



11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



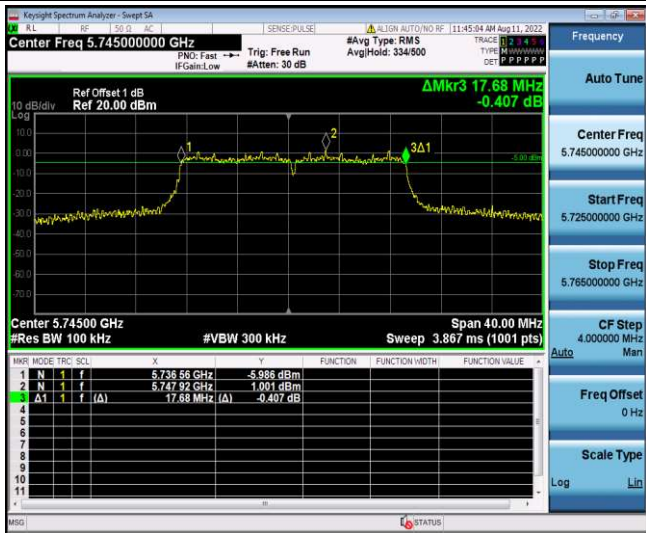
11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5745



11N20SISO_Ant2_5745



11N20SISO_Ant1_5785



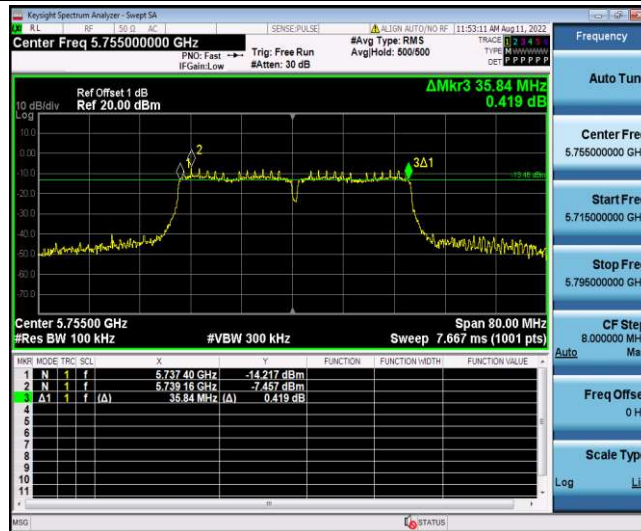
11N20SISO_Ant2_5785



11N20SISO_Ant1_5825



11N20SISO_Ant2_5825



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



11N40SISO_Ant1_5795



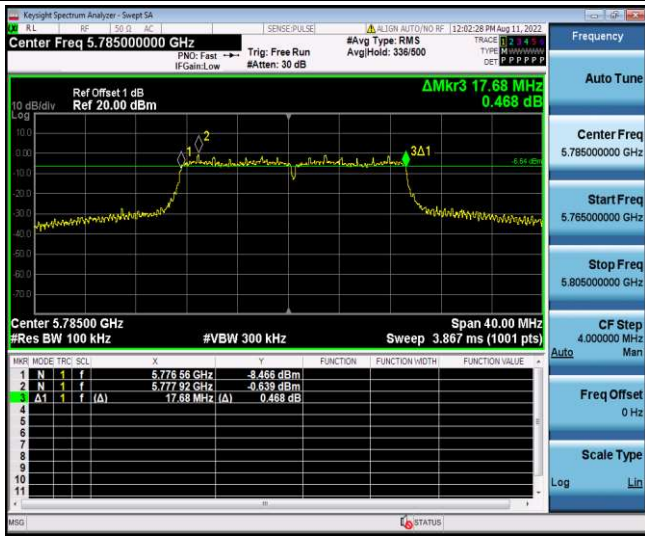
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11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



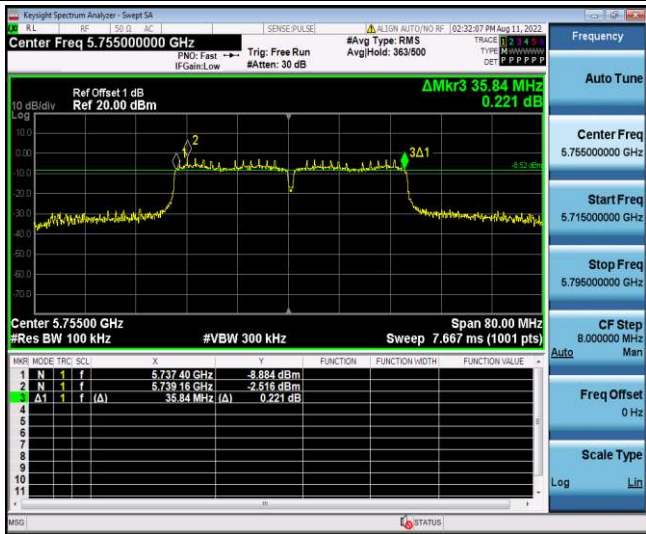
11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant2_5755