

Appendix for 5G WIFI

Test Report No.:CTL2207053063-WF02

Appendix A: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.920	5170.400	5190.320	---	PASS
	Ant2	5180	19.520	5170.560	5190.080	---	PASS
	Ant1	5200	19.680	5190.480	5210.160	---	PASS
	Ant2	5200	19.800	5190.440	5210.240	---	PASS
	Ant1	5240	20.960	5229.760	5250.720	---	PASS
	Ant2	5240	23.240	5228.240	5251.480	---	PASS
	Ant1	5745	19.880	5735.400	5755.280	---	PASS
	Ant2	5745	19.840	5735.480	5755.320	---	PASS
	Ant1	5785	20.080	5775.320	5795.400	---	PASS
	Ant2	5785	19.760	5775.520	5795.280	---	PASS
	Ant1	5825	19.680	5815.480	5835.160	---	PASS
	Ant2	5825	21.360	5814.400	5835.760	---	PASS
11N20SISO	Ant1	5180	20.160	5170.320	5190.480	---	PASS
	Ant2	5180	20.680	5169.840	5190.520	---	PASS
	Ant1	5200	20.960	5189.880	5210.840	---	PASS
	Ant2	5200	21.120	5189.800	5210.920	---	PASS
	Ant1	5240	21.200	5229.360	5250.560	---	PASS
	Ant2	5240	19.960	5230.400	5250.360	---	PASS
	Ant1	5745	19.960	5735.400	5755.360	---	PASS
	Ant2	5745	20.240	5735.280	5755.520	---	PASS
	Ant1	5785	20.040	5775.320	5795.360	---	PASS
	Ant2	5785	21.920	5774.200	5796.120	---	PASS
	Ant1	5825	20.360	5814.880	5835.240	---	PASS
	Ant2	5825	20.160	5815.320	5835.480	---	PASS
11N40SISO	Ant1	5190	42.560	5168.960	5211.520	---	PASS
	Ant2	5190	41.280	5169.520	5210.800	---	PASS
	Ant1	5230	41.760	5209.520	5251.280	---	PASS
	Ant2	5230	42.400	5209.280	5251.680	---	PASS
	Ant1	5755	41.280	5734.360	5775.640	---	PASS
	Ant2	5755	41.280	5734.600	5775.880	---	PASS
	Ant1	5795	41.120	5774.600	5815.720	---	PASS
	Ant2	5795	40.400	5775.160	5815.560	---	PASS

11AC20SISO	Ant1	5180	20.400	5170.200	5190.600	---	PASS
	Ant2	5180	19.920	5170.440	5190.360	---	PASS
	Ant1	5200	21.200	5189.680	5210.880	---	PASS
	Ant2	5200	25.840	5186.800	5212.640	---	PASS
	Ant1	5240	20.160	5230.320	5250.480	---	PASS
	Ant2	5240	25.440	5226.840	5252.280	---	PASS
	Ant1	5745	20.120	5735.320	5755.440	---	PASS
	Ant2	5745	20.200	5735.280	5755.480	---	PASS
	Ant1	5785	20.160	5775.360	5795.520	---	PASS
	Ant2	5785	20.320	5775.320	5795.640	---	PASS
	Ant1	5825	20.040	5815.320	5835.360	---	PASS
	Ant2	5825	20.320	5815.120	5835.440	---	PASS
11AC40SISO	Ant1	5190	40.960	5170.000	5210.960	---	PASS
	Ant2	5190	40.880	5170.000	5210.880	---	PASS
	Ant1	5230	41.520	5209.680	5251.200	---	PASS
	Ant2	5230	40.640	5209.760	5250.400	---	PASS
	Ant1	5755	41.200	5734.440	5775.640	---	PASS
	Ant2	5755	40.320	5735.240	5775.560	---	PASS
	Ant1	5795	40.640	5775.000	5815.640	---	PASS
	Ant2	5795	41.040	5774.920	5815.960	---	PASS
11AC80SISO	Ant1	5210	82.880	5169.040	5251.920	---	PASS
	Ant2	5210	81.760	5169.520	5251.280	---	PASS
	Ant1	5775	82.720	5733.560	5816.280	---	PASS
	Ant2	5775	81.920	5734.200	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



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



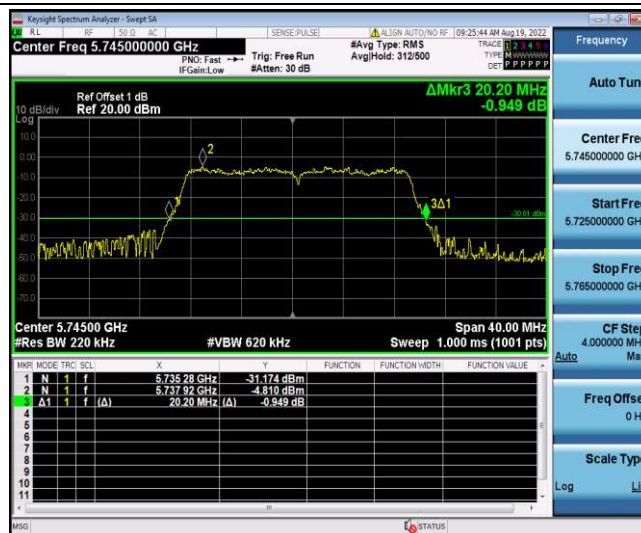
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11AC20SISO_Ant2_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



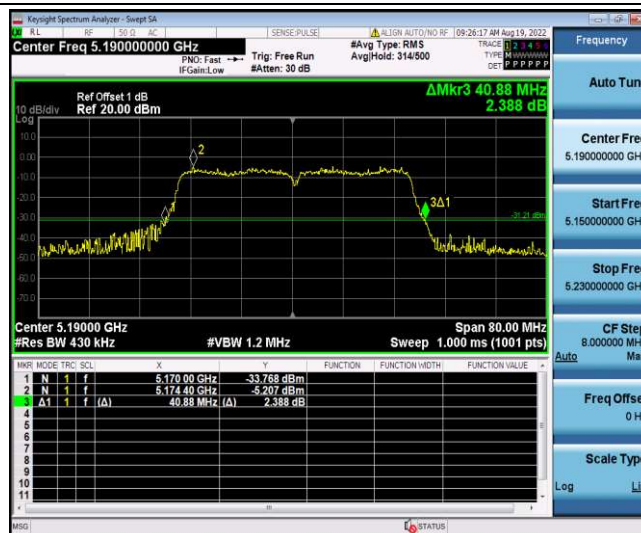
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11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5190



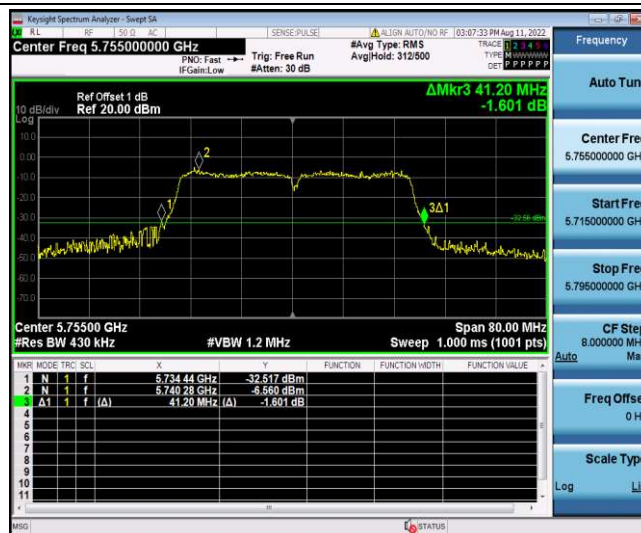
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11AC40SISO_Ant1_5230



11AC40SISO_Ant2_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant2_5755



11AC40SISO_Ant1_5795



11AC40SISO_Ant2_5795



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	16.480	5777.160	5793.640	0.5	PASS
	Ant1	5825	16.440	5817.200	5833.640	0.5	PASS
	Ant2	5825	16.520	5817.160	5833.680	0.5	PASS
11N20SISO	Ant1	5745	17.680	5736.560	5754.240	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	17.640	5776.560	5794.200	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
11N40SISO	Ant1	5755	36.080	5737.320	5773.400	0.5	PASS
	Ant2	5755	35.840	5737.400	5773.240	0.5	PASS
	Ant1	5795	36.160	5777.160	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	36.000	5737.400	5773.400	0.5	PASS
	Ant2	5755	35.920	5737.320	5773.240	0.5	PASS
	Ant1	5795	35.920	5777.400	5813.320	0.5	PASS
	Ant2	5795	36.480	5777.160	5813.640	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



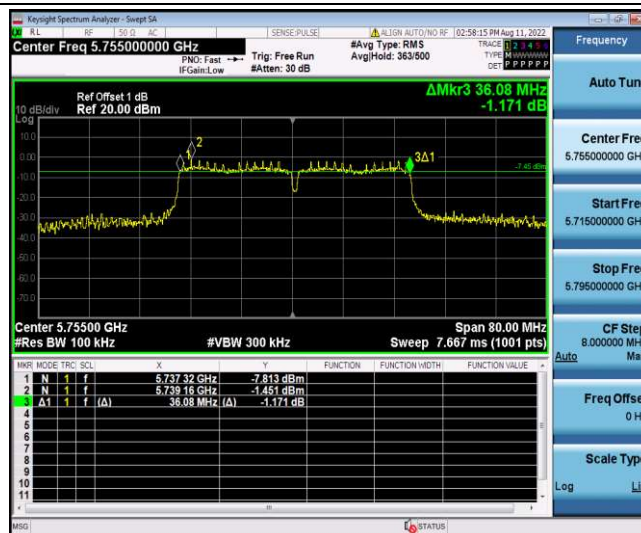
11N20SISO_Ant2_5785



11N20SISO_Ant1_5825



11N20SISO_Ant2_5825



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



11N40SISO_Ant1_5795



11N40SISO_Ant2_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745