

Appendix for 5G WIFI

Test Report No.:CTL2207053064-WF02

Appendix A: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.680	5170.640	5190.320	---	PASS
	Ant2	5180	19.880	5170.120	5190.000	---	PASS
	Ant1	5200	20.040	5190.400	5210.440	---	PASS
	Ant2	5200	19.880	5190.520	5210.400	---	PASS
	Ant1	5240	20.680	5230.120	5250.800	---	PASS
	Ant2	5240	20.800	5229.720	5250.520	---	PASS
	Ant1	5745	20.080	5735.240	5755.320	---	PASS
	Ant2	5745	19.840	5735.520	5755.360	---	PASS
	Ant1	5785	20.000	5775.320	5795.320	---	PASS
	Ant2	5785	20.480	5775.040	5795.520	---	PASS
	Ant1	5825	19.680	5815.080	5834.760	---	PASS
	Ant2	5825	23.400	5813.240	5836.640	---	PASS
11N20SISO	Ant1	5180	20.280	5170.280	5190.560	---	PASS
	Ant2	5180	20.560	5170.080	5190.640	---	PASS
	Ant1	5200	20.040	5190.040	5210.080	---	PASS
	Ant2	5200	21.680	5189.120	5210.800	---	PASS
	Ant1	5240	20.480	5230.000	5250.480	---	PASS
	Ant2	5240	20.720	5229.680	5250.400	---	PASS
	Ant1	5745	20.240	5735.320	5755.560	---	PASS
	Ant2	5745	20.360	5735.200	5755.560	---	PASS
	Ant1	5785	20.200	5775.360	5795.560	---	PASS
	Ant2	5785	21.360	5774.440	5795.800	---	PASS
	Ant1	5825	21.240	5814.400	5835.640	---	PASS
	Ant2	5825	25.560	5812.600	5838.160	---	PASS
11N40SISO	Ant1	5190	42.160	5169.360	5211.520	---	PASS
	Ant2	5190	42.160	5169.360	5211.520	---	PASS
	Ant1	5230	41.040	5209.200	5250.240	---	PASS
	Ant2	5230	43.680	5207.680	5251.360	---	PASS
	Ant1	5755	40.800	5735.080	5775.880	---	PASS
	Ant2	5755	41.040	5734.760	5775.800	---	PASS
	Ant1	5795	40.880	5774.840	5815.720	---	PASS
	Ant2	5795	40.960	5774.760	5815.720	---	PASS

11AC20SISO	Ant1	5180	20.440	5170.160	5190.600	---	PASS
	Ant2	5180	22.160	5168.840	5191.000	---	PASS
	Ant1	5200	20.120	5189.880	5210.000	---	PASS
	Ant2	5200	21.160	5189.280	5210.440	---	PASS
	Ant1	5240	23.240	5228.680	5251.920	---	PASS
	Ant2	5240	26.560	5226.760	5253.320	---	PASS
	Ant1	5745	20.320	5735.240	5755.560	---	PASS
	Ant2	5745	20.200	5735.320	5755.520	---	PASS
	Ant1	5785	20.120	5775.320	5795.440	---	PASS
	Ant2	5785	20.440	5775.080	5795.520	---	PASS
	Ant1	5825	20.120	5815.320	5835.440	---	PASS
	Ant2	5825	20.120	5815.360	5835.480	---	PASS
11AC40SISO	Ant1	5190	41.680	5169.040	5210.720	---	PASS
	Ant2	5190	40.400	5170.080	5210.480	---	PASS
	Ant1	5230	41.840	5209.520	5251.360	---	PASS
	Ant2	5230	45.280	5206.880	5252.160	---	PASS
	Ant1	5755	40.320	5735.080	5775.400	---	PASS
	Ant2	5755	40.400	5735.080	5775.480	---	PASS
	Ant1	5795	40.400	5775.160	5815.560	---	PASS
	Ant2	5795	40.000	5775.320	5815.320	---	PASS
11AC80SISO	Ant1	5210	82.080	5169.200	5251.280	---	PASS
	Ant2	5210	82.080	5169.200	5251.280	---	PASS
	Ant1	5775	81.760	5734.360	5816.120	---	PASS
	Ant2	5775	83.040	5733.240	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



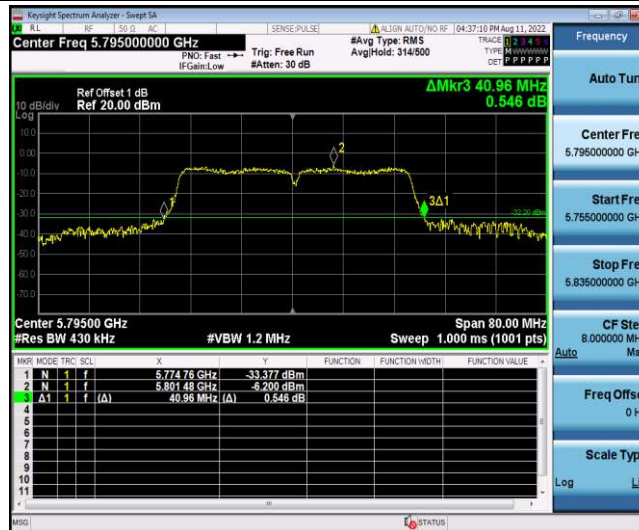
11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



11N40SISO_Ant1_5795



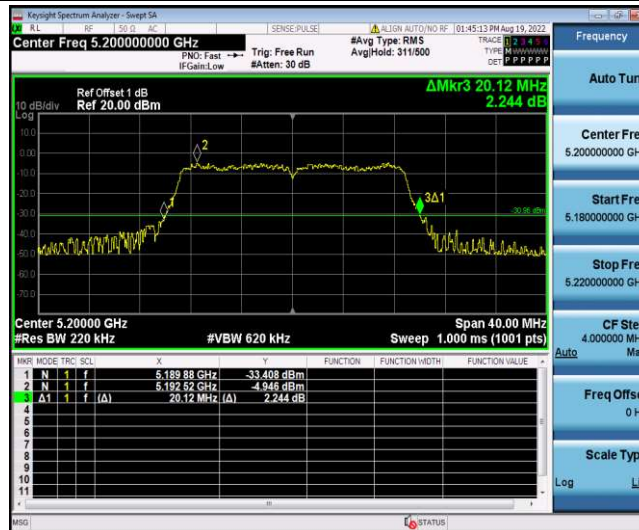
11N40SISO_Ant2_5795



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



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	16.520	5737.160	5753.680	0.5	PASS
	Ant2	5745	16.520	5737.160	5753.680	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	16.480	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	17.680	5816.560	5834.240	0.5	PASS
	Ant2	5825	17.680	5816.560	5834.240	0.5	PASS
11N40SISO	Ant1	5755	35.920	5737.400	5773.320	0.5	PASS
	Ant2	5755	35.920	5737.320	5773.240	0.5	PASS
	Ant1	5795	35.920	5777.480	5813.400	0.5	PASS
	Ant2	5795	36.240	5777.160	5813.400	0.5	PASS
11AC20SISO	Ant1	5745	17.640	5736.560	5754.200	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	17.680	5816.560	5834.240	0.5	PASS
	Ant2	5825	17.680	5816.560	5834.240	0.5	PASS
11AC40SISO	Ant1	5755	35.840	5737.400	5773.240	0.5	PASS
	Ant2	5755	35.840	5737.400	5773.240	0.5	PASS
	Ant1	5795	35.840	5777.400	5813.240	0.5	PASS
	Ant2	5795	36.240	5777.400	5813.640	0.5	PASS
11AC80SISO	Ant1	5775	76.320	5737.080	5813.400	0.5	PASS
	Ant2	5775	76.320	5737.080	5813.400	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



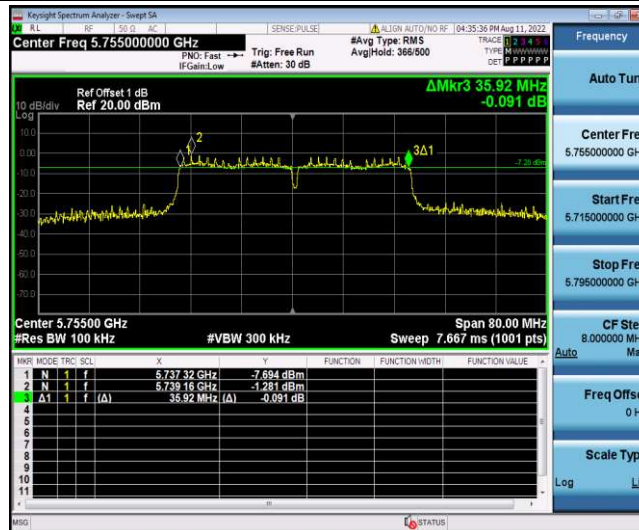
11N20SISO_Ant1_5825



11N20SISO_Ant2_5825



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



11N40SISO_Ant1_5795



11N40SISO_Ant2_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant2_5755