

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.560	5169.440	5191.000	---	PASS
		5200	21.200	5189.320	5210.520	---	PASS
		5240	20.600	5229.560	5250.160	---	PASS
		5745	35.240	5728.400	5763.640	---	PASS
		5785	38.120	5766.880	5805.000	---	PASS
		5825	38.120	5806.600	5844.720	---	PASS
11N20SISO	Ant1	5180	21.640	5169.240	5190.880	---	PASS
		5200	23.720	5189.360	5213.080	---	PASS
		5240	21.880	5228.960	5250.840	---	PASS
		5745	38.240	5726.400	5764.640	---	PASS
		5785	37.680	5767.160	5804.840	---	PASS
		5825	38.480	5806.360	5844.840	---	PASS
11N40SISO	Ant1	5190	42.640	5169.120	5211.760	---	PASS
		5230	45.200	5208.720	5253.920	---	PASS
		5755	78.080	5716.920	5795.000	---	PASS
		5795	78.080	5756.920	5835.000	---	PASS
11AC20SISO	Ant1	5180	22.520	5169.120	5191.640	---	PASS
		5200	22.240	5188.720	5210.960	---	PASS
		5240	21.960	5228.920	5250.880	---	PASS
		5745	39.520	5725.480	5765.000	---	PASS
		5785	39.880	5765.120	5805.000	---	PASS
		5825	39.760	5805.240	5845.000	---	PASS
11AC40SISO	Ant1	5190	42.960	5168.960	5211.920	---	PASS
		5230	47.360	5208.320	5255.680	---	PASS
		5755	79.360	5715.640	5795.000	---	PASS
		5795	78.800	5756.200	5835.000	---	PASS
11AC80SISO	Ant1	5210	100.000	5169.200	5269.200	---	PASS
		5775	152.480	5702.520	5855.000	---	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





11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.218	5171.384	5188.602	---	PASS
		5200	17.373	5191.288	5208.661	---	PASS
		5240	17.296	5231.402	5248.698	---	PASS
		5745	20.663	5735.509	5756.172	---	PASS
		5785	22.515	5775.084	5797.599	---	PASS
		5825	22.891	5814.878	5837.769	---	PASS
11N20SISO	Ant1	5180	18.259	5170.953	5189.212	---	PASS
		5200	18.183	5191.022	5209.205	---	PASS
		5240	18.181	5230.945	5249.126	---	PASS
		5745	21.093	5735.180	5756.273	---	PASS
		5785	22.016	5774.948	5796.964	---	PASS
		5825	23.329	5814.788	5838.117	---	PASS
11N40SISO	Ant1	5190	36.824	5171.754	5208.578	---	PASS
		5230	36.834	5211.607	5248.441	---	PASS
		5755	44.056	5735.979	5780.035	---	PASS
		5795	47.543	5775.536	5823.079	---	PASS
11AC20SISO	Ant1	5180	18.239	5170.943	5189.182	---	PASS
		5200	18.205	5190.982	5209.187	---	PASS
		5240	18.233	5230.875	5249.108	---	PASS
		5745	21.405	5735.192	5756.597	---	PASS
		5785	22.143	5774.949	5797.092	---	PASS
		5825	23.826	5814.489	5838.315	---	PASS
11AC40SISO	Ant1	5190	36.804	5171.713	5208.517	---	PASS
		5230	36.872	5211.615	5248.487	---	PASS
		5755	45.442	5735.646	5781.088	---	PASS
		5795	46.943	5775.891	5822.834	---	PASS
11AC80SISO	Ant1	5210	76.123	5172.114	5248.237	---	PASS
		5775	95.934	5736.291	5832.225	---	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



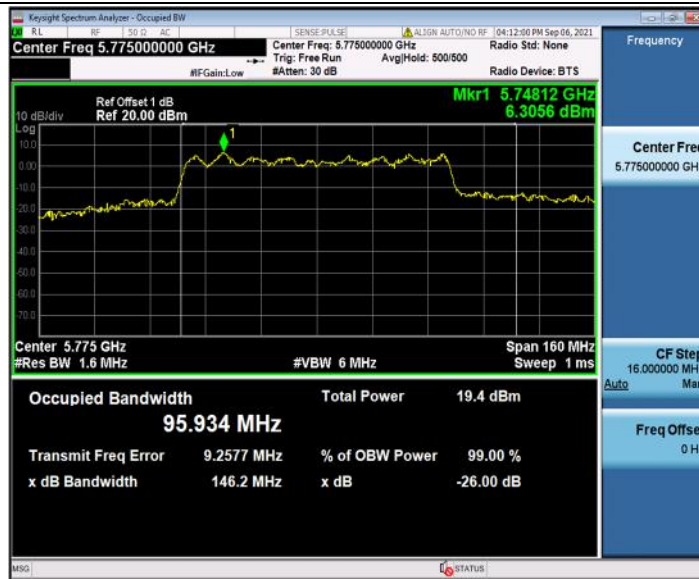
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

Appendix A3: Min emission bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5736.760	5753.200	0.5	PASS
		5785	16.360	5776.800	5793.160	0.5	PASS
		5825	16.400	5816.800	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.120	5736.400	5753.520	0.5	PASS
		5785	17.160	5776.400	5793.560	0.5	PASS
		5825	17.120	5816.440	5833.560	0.5	PASS
11N40SISO	Ant1	5755	35.920	5737.240	5773.160	0.5	PASS
		5795	35.600	5777.400	5813.000	0.5	PASS
11AC20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.480	5776.160	5793.640	0.5	PASS
		5825	17.360	5816.200	5833.560	0.5	PASS
11AC40SISO	Ant1	5755	35.920	5737.000	5772.920	0.5	PASS
		5795	35.680	5777.320	5813.000	0.5	PASS
11AC80SISO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS



11A_Ant1_5825



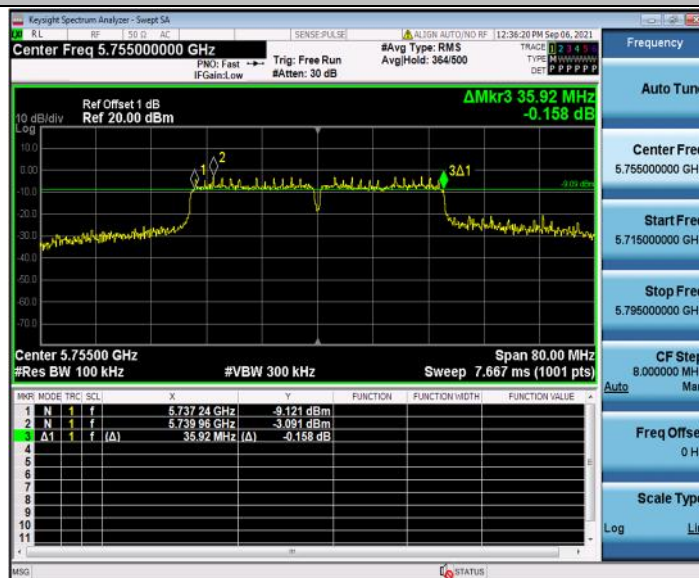
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755

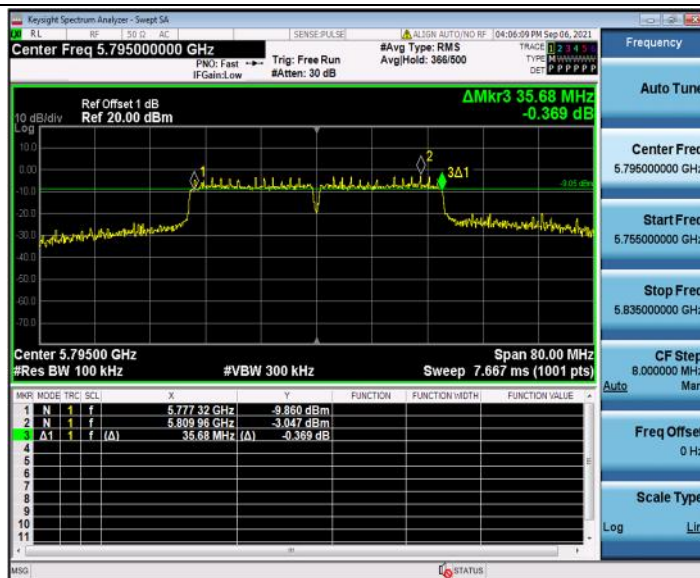


11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745





11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775

Appendix B: Maximum conducted output power

Test Result

For FCC reviewer:

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	11.23	≤23.98	PASS
		5200	12.39	≤23.98	PASS
		5240	11.60	≤23.98	PASS
		5745	10.64	≤30	PASS
		5785	10.85	≤30	PASS
		5825	11.72	≤30	PASS
11N20SISO	Ant1	5180	10.89	≤23.98	PASS
		5200	12.03	≤23.98	PASS
		5240	12.43	≤23.98	PASS
		5745	10.64	≤30	PASS
		5785	10.82	≤30	PASS
		5825	11.68	≤30	PASS
11N40SISO	Ant1	5190	13.01	≤23.98	PASS
		5230	12.17	≤23.98	PASS
		5755	11.01	≤30	PASS
		5795	11.37	≤30	PASS
11AC20SISO	Ant1	5180	10.78	≤23.98	PASS
		5200	11.37	≤23.98	PASS
		5240	11.75	≤23.98	PASS
		5745	10.75	≤30	PASS
		5785	10.99	≤30	PASS
		5825	11.21	≤30	PASS
11AC40SISO	Ant1	5190	11.02	≤23.98	PASS
		5230	12.30	≤23.98	PASS
		5755	10.68	≤30	PASS
		5795	10.84	≤30	PASS
11AC80SISO	Ant1	5210	13.64	≤23.98	PASS
		5775	11.32	≤30	PASS

Note: The Duty Cycle Factor is compensated in the graph.

For IC reviewer:

TestMode	Antenna	Channel	Result [dBm]	Antenna Gain[dBi]	E.I.R.P [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	11.23	3.91	15.14	≤23.01	PASS
		5200	12.39	3.91	16.30	≤23.01	PASS
		5240	11.60	3.91	15.51	≤23.01	PASS
		5745	10.64	4.05	14.69	≤30	PASS
		5785	10.85	4.05	14.90	≤30	PASS
		5825	11.72	4.05	15.77	≤30	PASS
11N20SISO	Ant1	5180	10.89	3.91	14.80	≤23.01	PASS
		5200	12.03	3.91	15.94	≤23.01	PASS
		5240	12.43	3.91	16.34	≤23.01	PASS
		5745	10.64	4.05	14.69	≤30	PASS
		5785	10.82	4.05	14.87	≤30	PASS
		5825	11.68	4.05	15.73	≤30	PASS
11N40SISO	Ant1	5190	13.01	3.91	16.92	≤23.01	PASS
		5230	12.17	3.91	16.08	≤23.01	PASS
		5755	11.01	4.05	15.06	≤30	PASS
		5795	11.37	4.05	15.42	≤30	PASS
11AC20SISO	Ant1	5180	10.78	3.91	14.69	≤23.01	PASS
		5200	11.37	3.91	15.28	≤23.01	PASS
		5240	11.75	3.91	15.66	≤23.01	PASS
		5745	10.75	4.05	14.80	≤30	PASS
		5785	10.99	4.05	15.04	≤30	PASS
		5825	11.21	4.05	15.26	≤30	PASS
11AC40SISO	Ant1	5190	11.02	3.91	14.93	≤23.01	PASS
		5230	12.30	3.91	16.21	≤23.01	PASS
		5755	10.68	4.05	14.73	≤30	PASS
		5795	10.84	4.05	14.89	≤30	PASS
11AC80SISO	Ant1	5210	13.64	3.91	17.55	≤23.01	PASS
		5775	11.32	4.05	15.37	≤30	PASS

Note: The Duty Cycle Factor is compensated in the graph.

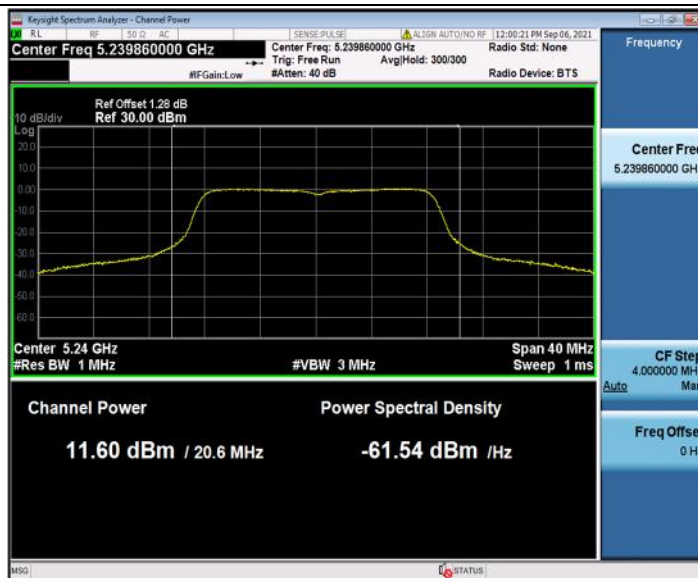
Test Graphs



11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11A_Ant1_5745

