

1.Emission Bandwidth

Test Result

TestMode	Antenna	Fre.[MHz]	Rate	EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	6Mbps	20.160	5170.000	5190.160	---	---
	Ant2	5180	6Mbps	19.800	5170.120	5189.920	---	---
	Ant1	5200	6Mbps	20.480	5189.920	5210.400	---	---
	Ant2	5200	6Mbps	19.960	5190.000	5209.960	---	---
	Ant1	5240	6Mbps	19.920	5230.080	5250.000	---	---
	Ant2	5240	6Mbps	19.840	5230.000	5249.840	---	---
11N20SISO	Ant1	5180	MCS0	20.200	5169.760	5189.960	---	---
	Ant2	5180	MCS0	20.040	5169.920	5189.960	---	---
	Ant1	5200	MCS0	20.240	5189.880	5210.120	---	---
	Ant2	5200	MCS0	20.160	5189.840	5210.000	---	---
	Ant1	5240	MCS0	20.200	5229.840	5250.040	---	---
	Ant2	5240	MCS0	20.080	5229.960	5250.040	---	---
11N40SISO	Ant1	5190	MCS0	40.400	5169.840	5210.240	---	---
	Ant2	5190	MCS0	40.480	5169.760	5210.240	---	---
	Ant1	5230	MCS0	40.880	5209.600	5250.480	---	---
	Ant2	5230	MCS0	40.000	5209.920	5249.920	---	---
11AC20SISO	Ant1	5180	MCS0	20.160	5169.800	5189.960	---	---
	Ant2	5180	MCS0	20.040	5169.920	5189.960	---	---
	Ant1	5200	MCS0	19.920	5189.960	5209.880	---	---
	Ant2	5200	MCS0	20.360	5189.840	5210.200	---	---
	Ant1	5240	MCS0	20.080	5229.960	5250.040	---	---
	Ant2	5240	MCS0	19.880	5230.120	5250.000	---	---
11AC40SISO	Ant1	5190	MCS0	40.240	5169.840	5210.080	---	---
	Ant2	5190	MCS0	40.480	5169.760	5210.240	---	---
	Ant1	5230	MCS0	40.640	5209.440	5250.080	---	---
	Ant2	5230	MCS0	40.560	5210.000	5250.560	---	---
11AC80SISO	Ant1	5210	MCS0	80.800	5169.520	5250.320	---	---
	Ant2	5210	MCS0	80.160	5170.000	5250.160	---	---
11N20MIMO	Ant1	5180	MCS0	20.200	5169.720	5189.920	---	---
	Ant2	5180	MCS0	20.320	5169.760	5190.080	---	---
	Ant1	5200	MCS0	20.240	5189.880	5210.120	---	---
	Ant2	5200	MCS0	20.040	5189.960	5210.000	---	---
	Ant1	5240	MCS0	20.320	5229.920	5250.240	---	---
	Ant2	5240	MCS0	20.120	5229.840	5249.960	---	---
11N40MIMO	Ant1	5190	MCS0	40.640	5169.440	5210.080	---	---
	Ant2	5190	MCS0	40.080	5170.000	5210.080	---	---
	Ant1	5230	MCS0	40.240	5209.840	5250.080	---	---
	Ant2	5230	MCS0	40.800	5209.680	5250.480	---	---
11AC20MIMO	Ant1	5180	MCS0	20.040	5169.880	5189.920	---	---

	Ant2	5180	MCS0	19.880	5170.040	5189.920	---	---
	Ant1	5200	MCS0	20.240	5189.840	5210.080	---	---
	Ant2	5200	MCS0	20.080	5190.040	5210.120	---	---
	Ant1	5240	MCS0	20.080	5229.920	5250.000	---	---
	Ant2	5240	MCS0	19.840	5230.000	5249.840	---	---
11AC40MIMO	Ant1	5190	MCS0	40.560	5170.000	5210.560	---	---
	Ant2	5190	MCS0	39.280	5170.160	5209.440	---	---
	Ant1	5230	MCS0	40.480	5209.600	5250.080	---	---
	Ant2	5230	MCS0	40.080	5210.080	5250.160	---	---
11AC80MIMO	Ant1	5210	MCS0	80.800	5169.680	5250.480	---	---
	Ant2	5210	MCS0	80.320	5169.360	5249.680	---	---

Test Graphs



11A_Ant1_5180



11A_Ant2_5180



11A_Ant1_5200



11A_Ant2_5200



11A_Ant1_5240



11A_Ant2_5240



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180



11N20SISO_Ant1_5240





11N40SISO_Ant1_5230



11N40SISO_Ant2_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200





11AC40SISO_Ant2_5230



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210



11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5230



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5240



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230



2.Occupied channel bandwidth

Test Result

TestMode	Antenna	Fre.[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	6Mbps	16.761	5171.561	5188.322	---	---
	Ant2	5180	6Mbps	16.704	5171.633	5188.337	---	---
	Ant1	5200	6Mbps	16.968	5191.508	5208.476	---	---
	Ant2	5200	6Mbps	16.770	5191.551	5208.321	---	---
	Ant1	5240	6Mbps	16.870	5231.533	5248.403	---	---
	Ant2	5240	6Mbps	16.830	5231.542	5248.372	---	---
11N20SISO	Ant1	5180	MCS0	17.792	5171.104	5188.896	---	---
	Ant2	5180	MCS0	17.764	5171.121	5188.885	---	---
	Ant1	5200	MCS0	17.821	5191.056	5208.877	---	---
	Ant2	5200	MCS0	17.871	5191.026	5208.897	---	---
	Ant1	5240	MCS0	17.796	5231.055	5248.851	---	---
	Ant2	5240	MCS0	17.746	5231.099	5248.845	---	---
11N40SISO	Ant1	5190	MCS0	36.102	5171.879	5207.981	---	---
	Ant2	5190	MCS0	36.089	5171.900	5207.989	---	---
	Ant1	5230	MCS0	36.173	5211.882	5248.055	---	---
	Ant2	5230	MCS0	36.125	5211.896	5248.021	---	---
11AC20SISO	Ant1	5180	MCS0	17.765	5171.099	5188.864	---	---
	Ant2	5180	MCS0	17.761	5171.088	5188.849	---	---
	Ant1	5200	MCS0	17.811	5191.051	5208.862	---	---
	Ant2	5200	MCS0	17.747	5191.087	5208.834	---	---
	Ant1	5240	MCS0	17.689	5231.121	5248.810	---	---
	Ant2	5240	MCS0	17.768	5231.087	5248.855	---	---
11AC40SISO	Ant1	5190	MCS0	36.112	5171.940	5208.052	---	---
	Ant2	5190	MCS0	36.115	5171.913	5208.028	---	---
	Ant1	5230	MCS0	36.083	5211.873	5247.956	---	---
	Ant2	5230	MCS0	36.030	5211.935	5247.965	---	---
11AC80SISO	Ant1	5210	MCS0	75.447	5172.203	5247.650	---	---
	Ant2	5210	MCS0	75.437	5172.332	5247.769	---	---
11N20MIMO	Ant1	5180	MCS0	17.790	5171.014	5188.804	---	---
	Ant2	5180	MCS0	17.679	5171.111	5188.790	---	---
	Ant1	5200	MCS0	17.801	5191.075	5208.876	---	---
	Ant2	5200	MCS0	17.695	5191.117	5208.812	---	---
	Ant1	5240	MCS0	17.764	5231.067	5248.831	---	---
	Ant2	5240	MCS0	17.703	5231.061	5248.764	---	---
11N40MIMO	Ant1	5190	MCS0	35.946	5172.005	5207.951	---	---
	Ant2	5190	MCS0	36.060	5171.916	5207.976	---	---
	Ant1	5230	MCS0	36.141	5211.903	5248.044	---	---

	Ant2	5230	MCS0	36.048	5211.883	5247.931	---	---
11AC20MIMO	Ant1	5180	MCS0	17.760	5171.107	5188.867	---	---
	Ant2	5180	MCS0	17.712	5171.121	5188.833	---	---
	Ant1	5200	MCS0	17.728	5191.078	5208.806	---	---
	Ant2	5200	MCS0	17.713	5191.065	5208.778	---	---
	Ant1	5240	MCS0	17.711	5231.085	5248.796	---	---
	Ant2	5240	MCS0	17.689	5231.114	5248.803	---	---
11AC40MIMO	Ant1	5190	MCS0	36.075	5171.928	5208.003	---	---
	Ant2	5190	MCS0	35.987	5171.724	5207.711	---	---
	Ant1	5230	MCS0	36.073	5211.941	5248.014	---	---
	Ant2	5230	MCS0	36.160	5211.879	5248.039	---	---
11AC80MIMO	Ant1	5210	MCS0	75.566	5172.145	5247.711	---	---
	Ant2	5210	MCS0	75.941	5171.666	5247.607	---	---