

Appendix: 5G Wi-Fi

Contents

Appendix A1: Emission Bandwidth 3

 Test Result 3

 Test Graphs 5

Appendix A2: Occupied channel bandwidth 35

 Test Result 35

 Test Graphs 37

Appendix A3: Min emission bandwidth 67

 Test Result B4 67

 Test Graphs B4 68

Appendix B: Duty Cycle 75

 Test Result 75

 Test Graphs 77

Appendix C: Maximum conducted output power 107

 Test Result Channel Power 107

Appendix D: Maximum power spectral density 109

 Test Result 109

 Test Graphs 111

Appendix G: Frequency Stability 141

 Test Result 141

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.240	5170.080	5190.320	---	---
11A	Ant1	5220	19.760	5210.240	5230.000	---	---
11A	Ant1	5240	20.080	5229.840	5249.920	---	---
11A	Ant1	5260	21.040	5249.240	5270.280	---	---
11A	Ant1	5300	20.840	5289.920	5310.760	---	---
11A	Ant1	5320	20.920	5309.600	5330.520	---	---
11A	Ant1	5500	20.080	5489.800	5509.880	---	---
11A	Ant1	5580	20.120	5569.840	5589.960	---	---
11A	Ant1	5700	19.840	5690.160	5710.000	---	---
11A	Ant1	5745	20.360	5735.080	5755.440	---	---
11A	Ant1	5785	20.240	5774.840	5795.080	---	---
11A	Ant1	5825	20.560	5814.840	5835.400	---	---
11N20SISO	Ant1	5180	22.320	5167.720	5190.040	---	---
11N20SISO	Ant1	5220	20.440	5209.680	5230.120	---	---
11N20SISO	Ant1	5240	22.360	5227.720	5250.080	---	---
11N20SISO	Ant1	5260	23.760	5247.200	5270.960	---	---
11N20SISO	Ant1	5300	21.680	5288.360	5310.040	---	---
11N20SISO	Ant1	5320	24.480	5308.160	5332.640	---	---
11N20SISO	Ant1	5500	22.240	5488.240	5510.480	---	---
11N20SISO	Ant1	5580	23.360	5567.320	5590.680	---	---
11N20SISO	Ant1	5700	20.440	5689.840	5710.280	---	---
11N20SISO	Ant1	5745	20.840	5734.200	5755.040	---	---
11N20SISO	Ant1	5785	22.520	5772.320	5794.840	---	---
11N20SISO	Ant1	5825	21.120	5814.720	5835.840	---	---
11N40SISO	Ant1	5190	56.480	5157.680	5214.160	---	---
11N40SISO	Ant1	5230	55.680	5198.800	5254.480	---	---
11N40SISO	Ant1	5270	62.000	5239.360	5301.360	---	---
11N40SISO	Ant1	5310	68.320	5275.920	5344.240	---	---
11N40SISO	Ant1	5510	53.200	5489.680	5542.880	---	---
11N40SISO	Ant1	5550	52.160	5529.280	5581.440	---	---
11N40SISO	Ant1	5670	52.640	5637.520	5690.160	---	---
11N40SISO	Ant1	5755	41.040	5734.200	5775.240	---	---
11N40SISO	Ant1	5795	44.720	5774.840	5819.560	---	---

11AC20SISO	Ant1	5180	23.080	5168.240	5191.320	---	---
11AC20SISO	Ant1	5220	20.480	5209.560	5230.040	---	---
11AC20SISO	Ant1	5240	23.920	5226.120	5250.040	---	---
11AC20SISO	Ant1	5260	20.200	5249.960	5270.160	---	---
11AC20SISO	Ant1	5300	22.400	5287.680	5310.080	---	---
11AC20SISO	Ant1	5320	22.920	5309.800	5332.720	---	---
11AC20SISO	Ant1	5500	21.640	5489.920	5511.560	---	---
11AC20SISO	Ant1	5580	20.240	5570.000	5590.240	---	---
11AC20SISO	Ant1	5700	20.320	5689.880	5710.200	---	---
11AC20SISO	Ant1	5745	20.200	5734.880	5755.080	---	---
11AC20SISO	Ant1	5785	22.040	5773.000	5795.040	---	---
11AC20SISO	Ant1	5825	20.320	5814.960	5835.280	---	---
11AC40SISO	Ant1	5190	45.920	5164.400	5210.320	---	---
11AC40SISO	Ant1	5230	41.360	5209.600	5250.960	---	---
11AC40SISO	Ant1	5270	41.120	5249.280	5290.400	---	---
11AC40SISO	Ant1	5310	50.720	5284.480	5335.200	---	---
11AC40SISO	Ant1	5510	40.640	5489.680	5530.320	---	---
11AC40SISO	Ant1	5550	40.960	5530.240	5571.200	---	---
11AC40SISO	Ant1	5670	40.000	5650.000	5690.000	---	---
11AC40SISO	Ant1	5755	40.560	5734.600	5775.160	---	---
11AC40SISO	Ant1	5795	41.120	5774.280	5815.400	---	---
11AC80SISO	Ant1	5210	94.880	5155.120	5250.000	---	---
11AC80SISO	Ant1	5290	96.800	5234.000	5330.800	---	---
11AC80SISO	Ant1	5530	80.640	5490.000	5570.640	---	---
11AC80SISO	Ant1	5610	80.480	5569.840	5650.320	---	---
11AC80SISO	Ant1	5775	82.560	5734.840	5817.400	---	---

Test Graphs



























