

Appendix: 5G WIFI

Contents

Appendix A1: Emission Bandwidth..... 3

 Test Result.....3

 Test Graphs.....5

Appendix A2: Occupied channel bandwidth..... 33

 Test Result.....33

 Test Graphs.....35

Appendix A3: Min emission bandwidth.....63

 Test Result.....63

 Test Graphs.....64

Appendix B: Maximum conducted output power..... 78

 Test Result.....78

Appendix C: Maximum power spectral density.....82

 Test Result.....82

 Test Graphs.....86

Appendix D: Band edge measurements..... 136

 Test Result.....136

 Test Graphs.....140

Appendix F: Conducted Spurious Emission..... 200

 Test Result.....200

 Test Graphs.....203

Appendix G: Frequency Stability.....259

 Test Result.....259

Appendix H: Duty Cycle.....277

 Test Result.....277

 Test Graphs.....280

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.760	5169.480	5191.240	---	PASS
	Ant2	5180	22.000	5169.120	5191.120	---	PASS
	Ant1	5200	21.720	5189.360	5211.080	---	PASS
	Ant2	5200	21.360	5189.400	5210.760	---	PASS
	Ant1	5240	21.960	5229.240	5251.200	---	PASS
	Ant2	5240	23.320	5228.400	5251.720	---	PASS
	Ant1	5745	21.320	5734.480	5755.800	---	PASS
	Ant2	5745	21.600	5734.400	5756.000	---	PASS
	Ant1	5785	21.240	5774.320	5795.560	---	PASS
	Ant2	5785	21.640	5774.480	5796.120	---	PASS
	Ant1	5825	21.240	5814.320	5835.560	---	PASS
	Ant2	5825	21.280	5814.280	5835.560	---	PASS
11N20SI SO	Ant1	5180	22.520	5168.920	5191.440	---	PASS
	Ant2	5180	22.480	5168.920	5191.400	---	PASS
	Ant1	5200	23.200	5188.840	5212.040	---	PASS
	Ant2	5200	22.600	5188.920	5211.520	---	PASS
	Ant1	5240	22.440	5228.960	5251.400	---	PASS
	Ant2	5240	24.080	5228.440	5252.520	---	PASS
	Ant1	5745	22.760	5733.600	5756.360	---	PASS
	Ant2	5745	21.880	5734.240	5756.120	---	PASS
	Ant1	5785	22.040	5773.960	5796.000	---	PASS
	Ant2	5785	23.160	5773.720	5796.880	---	PASS
	Ant1	5825	22.400	5813.600	5836.000	---	PASS
	Ant2	5825	22.640	5813.480	5836.120	---	PASS
11N40SI SO	Ant1	5190	42.560	5168.800	5211.360	---	PASS
	Ant2	5190	42.160	5168.880	5211.040	---	PASS
	Ant1	5230	41.840	5209.200	5251.040	---	PASS
	Ant2	5230	42.400	5208.720	5251.120	---	PASS
	Ant1	5755	42.080	5733.800	5775.880	---	PASS
	Ant2	5755	42.160	5734.040	5776.200	---	PASS
	Ant1	5795	41.760	5774.120	5815.880	---	PASS
	Ant2	5795	41.680	5774.360	5816.040	---	PASS
11AC20S ISO	Ant1	5180	22.280	5168.960	5191.240	---	PASS
	Ant2	5180	22.800	5168.680	5191.480	---	PASS

	Ant1	5200	22.320	5188.680	5211.000	---	PASS
	Ant2	5200	22.200	5189.040	5211.240	---	PASS
	Ant1	5240	23.760	5228.600	5252.360	---	PASS
	Ant2	5240	22.560	5228.760	5251.320	---	PASS
	Ant1	5745	22.760	5733.760	5756.520	---	PASS
	Ant2	5745	22.320	5733.920	5756.240	---	PASS
	Ant1	5785	22.280	5773.600	5795.880	---	PASS
	Ant2	5785	22.600	5774.040	5796.640	---	PASS
	Ant1	5825	21.960	5814.000	5835.960	---	PASS
	Ant2	5825	22.040	5814.120	5836.160	---	PASS
11AC40S ISO	Ant1	5190	42.320	5169.200	5211.520	---	PASS
	Ant2	5190	42.400	5168.960	5211.360	---	PASS
	Ant1	5230	42.160	5209.280	5251.440	---	PASS
	Ant2	5230	42.080	5209.280	5251.360	---	PASS
	Ant1	5755	41.680	5734.280	5775.960	---	PASS
	Ant2	5755	42.320	5733.960	5776.280	---	PASS
	Ant1	5795	41.840	5773.880	5815.720	---	PASS
	Ant2	5795	41.600	5774.280	5815.880	---	PASS
11AC80S ISO	Ant1	5210	90.880	5167.920	5258.800	---	PASS
	Ant2	5210	84.800	5167.440	5252.240	---	PASS
	Ant1	5775	84.000	5733.720	5817.720	---	PASS
	Ant2	5775	84.480	5733.400	5817.880	---	PASS

Test Graphs

































