

Appendix A: Test Results of 5GHz Wi-Fi

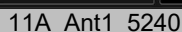
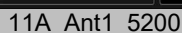
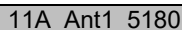
APPENDIX A: TEST RESULTS OF 5GHZ WI-FI.....	1
APPENDIX A.1: TEST RESULTS OF 26DB BANDWIDTH	2
Test Result	2
Test Graphs	3
APPENDIX A.2: TEST RESULTS OF 99% BANDWIDTH	23
Test Result	23
Test Graphs	25
APPENDIX A.3: TEST RESULTS OF 6DB BANDWIDTH	51
Test Result	51
Test Graphs	52
APPENDIX A.4: TEST RESULTS OF MAXIMUM OUTPUT POWER	59
Test Result	59
APPENDIX A.5: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	61
Test Result	61
Test Graphs	63
APPENDIX A.6: TEST RESULTS OF FREQUENCY STABILITY	89
Test Result	89
APPENDIX A.7: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	90
30MHz - 1GHz.....	90
1GHz - 18GHz.....	92
APPENDIX A.8: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	108
U-NII-1 Band.....	108
U-NII-2A Band.....	114
U-NII-2C Band.....	120
U-NII-3 Band.....	132
APPENDIX A.9: TEST RESULTS OF DYNAMIC FREQUENCY SELECTION (DFS).....	144
DFS Detection Thresholds.....	144
Channel Move Time and Channel Closing Transmission Time	145
Non-Occupancy Period.....	146
APPENDIX A.10: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS.....	147

Appendix A.1: Test Results of 26dB Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.440	5169.360	5192.800	---	PASS
		5200	24.800	5187.720	5212.520	---	PASS
		5240	24.760	5227.480	5252.240	---	PASS
		5260	24.480	5246.920	5271.400	---	PASS
		5280	22.160	5269.480	5291.640	---	PASS
		5320	22.680	5308.240	5330.920	---	PASS
		5500	22.440	5489.560	5512.000	---	PASS
		5580	24.440	5567.040	5591.480	---	PASS
11N20SISO	Ant1	5700	25.240	5687.360	5712.600	---	PASS
		5180	25.160	5167.200	5192.360	---	PASS
		5200	23.960	5187.880	5211.840	---	PASS
		5240	25.680	5227.200	5252.880	---	PASS
		5260	24.040	5248.800	5272.840	---	PASS
		5280	22.280	5268.600	5290.880	---	PASS
		5320	24.040	5309.120	5333.160	---	PASS
		5500	23.720	5487.680	5511.400	---	PASS
11N40SISO	Ant1	5580	24.160	5567.600	5591.760	---	PASS
		5700	25.800	5687.040	5712.840	---	PASS
		5190	43.120	5168.560	5211.680	---	PASS
		5230	43.680	5208.480	5252.160	---	PASS
		5270	43.600	5248.080	5291.680	---	PASS
		5310	42.800	5288.640	5331.440	---	PASS
		5510	44.240	5488.400	5532.640	---	PASS
		5550	44.080	5528.560	5572.640	---	PASS
11AC20SISO	Ant1	5670	45.840	5646.720	5692.560	---	PASS
		5180	25.720	5167.080	5192.800	---	PASS
		5200	23.800	5188.120	5211.920	---	PASS
		5240	25.200	5227.360	5252.560	---	PASS
		5260	24.000	5248.360	5272.360	---	PASS
		5280	24.400	5268.240	5292.640	---	PASS
		5320	24.080	5308.040	5332.120	---	PASS
		5500	24.280	5487.400	5511.680	---	PASS
11AC40SISO	Ant1	5580	21.880	5568.960	5590.840	---	PASS
		5700	22.640	5688.800	5711.440	---	PASS
		5190	42.080	5168.480	5210.560	---	PASS
		5230	44.960	5207.280	5252.240	---	PASS
		5270	43.360	5249.120	5292.480	---	PASS
		5310	44.640	5287.840	5332.480	---	PASS
		5510	43.200	5488.160	5531.360	---	PASS
		5550	43.200	5528.560	5571.760	---	PASS
11AX20SISO	Ant1	5670	44.400	5646.880	5691.280	---	PASS
		5180	23.520	5169.120	5192.640	---	PASS
		5200	21.440	5188.600	5210.040	---	PASS
		5240	20.880	5229.440	5250.320	---	PASS
		5260	22.320	5248.560	5270.880	---	PASS
		5280	23.440	5269.400	5292.840	---	PASS
		5320	23.120	5308.560	5331.680	---	PASS
		5500	23.480	5488.080	5511.560	---	PASS
11AX40SISO	Ant1	5580	22.120	5568.440	5590.560	---	PASS
		5700	24.880	5687.520	5712.400	---	PASS
		5190	41.440	5169.840	5211.280	---	PASS
		5230	41.120	5210.320	5251.440	---	PASS
		5270	42.720	5249.120	5291.840	---	PASS
		5310	40.880	5289.840	5330.720	---	PASS
		5510	44.320	5489.440	5533.760	---	PASS
		5550	41.920	5528.640	5570.560	---	PASS
11AX40SISO	Ant1	5670	42.720	5648.320	5691.040	---	PASS

Test Graphs





11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO Ant1 5180



11N20SISO Ant1 5200



11N20SISO Ant1 5240



11N20SISO Ant1 5260



11N20SISO Ant1 5280



11N20SISO Ant1 5320



11N20SISO Ant1 5500



11N20SISO Ant1 5580



11N20SISO Ant1 5700



11N40SISO Ant1 5190



11N40SISO Ant1 5230



11N40SISO Ant1 5270



11N40SISO Ant1 5310



11N40SISO Ant1 5510



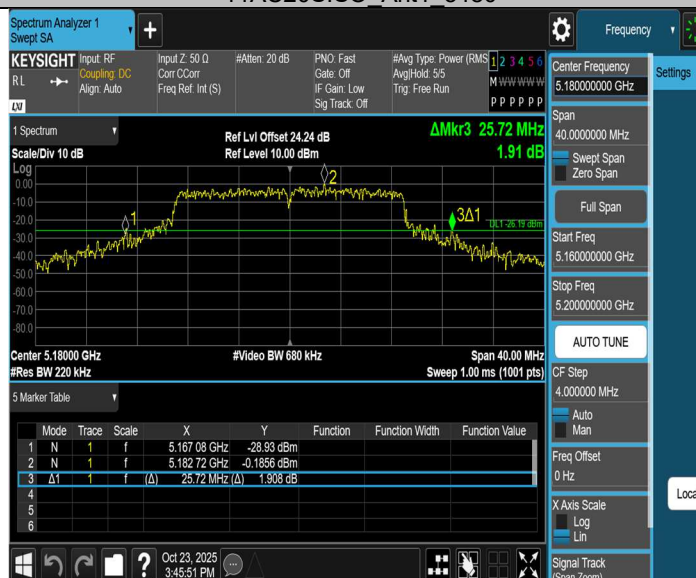
11N40SISO Ant1 5550



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5550



11AC40SISO_Ant1_5670



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX20SISO_Ant1_5500