

Appendix: 5G Wi-Fi Band 1,2,3,4

Contents

Appendix A1: Emission Bandwidth3

 Test Result3

 Test Graphs7

Appendix A2: Occupied channel bandwidth 66

 Test Result66

 Test Graphs 70

Appendix A3: Min emission bandwidth 129

 Test Result B4 129

 Test Graphs B4130

Appendix B: Duty Cycle144

 Test Result 144

 Test Graphs147

Appendix C: Maximum conducted output power206

 Test Result Channel Power206

Appendix D: Maximum power spectral density 213

 Test Result 213

 Test Graphs220

Appendix E: Frequency Stability326

 Test Result 326

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.68	5170.08	5189.76	---	---
	Ant2	5180	19.80	5170.12	5189.92	---	---
	Ant1	5220	19.72	5210.12	5229.84	---	---
	Ant2	5220	19.68	5210.12	5229.80	---	---
	Ant1	5240	19.56	5230.16	5249.72	---	---
	Ant2	5240	19.64	5230.12	5249.76	---	---
	Ant1	5260	19.64	5250.12	5269.76	---	---
	Ant2	5260	19.64	5250.12	5269.76	---	---
	Ant1	5300	19.56	5290.16	5309.72	---	---
	Ant2	5300	19.68	5290.12	5309.80	---	---
	Ant1	5320	19.68	5310.04	5329.72	---	---
	Ant2	5320	19.76	5310.12	5329.88	---	---
	Ant1	5500	19.60	5490.12	5509.72	---	---
	Ant2	5500	19.64	5490.12	5509.76	---	---
	Ant1	5580	19.76	5570.12	5589.88	---	---
	Ant2	5580	19.72	5570.12	5589.84	---	---
	Ant1	5700	19.60	5690.12	5709.72	---	---
	Ant2	5700	19.64	5690.16	5709.80	---	---
	Ant1	5745	19.64	5735.12	5754.76	---	---
	Ant2	5745	19.76	5735.12	5754.88	---	---
	Ant1	5785	19.76	5775.08	5794.84	---	---
	Ant2	5785	19.64	5775.12	5794.76	---	---
	Ant1	5825	19.68	5815.12	5834.80	---	---
	Ant2	5825	19.64	5815.12	5834.76	---	---
11N20SISO	Ant1	5180	20.12	5169.92	5190.04	---	---
	Ant2	5180	20.04	5169.96	5190.00	---	---
	Ant1	5220	19.96	5210.00	5229.96	---	---
	Ant2	5220	20.08	5209.96	5230.04	---	---
	Ant1	5240	20.08	5229.96	5250.04	---	---
	Ant2	5240	20.04	5229.96	5250.00	---	---
	Ant1	5260	20.04	5250.00	5270.04	---	---
	Ant2	5260	20.08	5249.96	5270.04	---	---
	Ant1	5300	20.04	5289.96	5310.00	---	---
	Ant2	5300	20.08	5289.96	5310.04	---	---

	Ant1	5320	20.04	5309.96	5330.00	---	---
	Ant2	5320	20.12	5309.92	5330.04	---	---
	Ant1	5500	20.08	5489.96	5510.04	---	---
	Ant2	5500	20.08	5489.96	5510.04	---	---
	Ant1	5580	20.08	5569.96	5590.04	---	---
	Ant2	5580	20.12	5569.92	5590.04	---	---
	Ant1	5700	20.08	5689.96	5710.04	---	---
	Ant2	5700	20.04	5690.00	5710.04	---	---
	Ant1	5745	20.08	5734.96	5755.04	---	---
	Ant2	5745	20.04	5734.96	5755.00	---	---
	Ant1	5785	20.04	5774.96	5795.00	---	---
	Ant2	5785	20.04	5774.96	5795.00	---	---
	Ant1	5825	20.00	5815.00	5835.00	---	---
	Ant2	5825	20.04	5814.96	5835.00	---	---
11N40SISO	Ant1	5190	40.72	5169.68	5210.40	---	---
	Ant2	5190	41.04	5169.36	5210.40	---	---
	Ant1	5230	40.96	5209.52	5250.48	---	---
	Ant2	5230	40.88	5209.52	5250.40	---	---
	Ant1	5270	40.96	5249.52	5290.48	---	---
	Ant2	5270	40.88	5249.52	5290.40	---	---
	Ant1	5310	40.64	5289.68	5330.32	---	---
	Ant2	5310	40.80	5289.68	5330.48	---	---
	Ant1	5510	40.72	5489.68	5530.40	---	---
	Ant2	5510	40.80	5489.60	5530.40	---	---
	Ant1	5550	40.96	5529.52	5570.48	---	---
	Ant2	5550	40.88	5529.52	5570.40	---	---
	Ant1	5670	40.96	5649.52	5690.48	---	---
	Ant2	5670	40.96	5649.52	5690.48	---	---
	Ant1	5755	40.72	5734.60	5775.32	---	---
	Ant2	5755	40.88	5734.44	5775.32	---	---
	Ant1	5795	41.04	5774.44	5815.48	---	---
	Ant2	5795	40.80	5774.60	5815.40	---	---
11AC20SISO	Ant1	5180	20.08	5169.96	5190.04	---	---
	Ant2	5180	20.08	5169.96	5190.04	---	---
	Ant1	5220	20.08	5209.96	5230.04	---	---
	Ant2	5220	20.20	5209.92	5230.12	---	---
	Ant1	5240	20.08	5229.96	5250.04	---	---
	Ant2	5240	20.08	5229.92	5250.00	---	---
	Ant1	5260	20.04	5250.00	5270.04	---	---
	Ant2	5260	20.04	5249.96	5270.00	---	---
	Ant1	5300	20.08	5289.96	5310.04	---	---

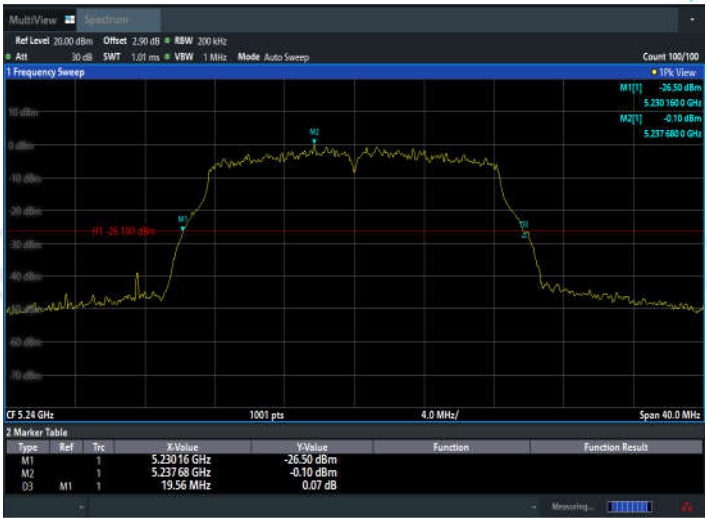
	Ant2	5300	20.04	5289.96	5310.00	---	---
	Ant1	5320	20.08	5309.96	5330.04	---	---
	Ant2	5320	20.04	5309.96	5330.00	---	---
	Ant1	5500	20.08	5489.96	5510.04	---	---
	Ant2	5500	20.04	5489.96	5510.00	---	---
	Ant1	5580	20.08	5569.96	5590.04	---	---
	Ant2	5580	20.04	5569.96	5590.00	---	---
	Ant1	5700	20.12	5689.92	5710.04	---	---
	Ant2	5700	20.04	5689.96	5710.00	---	---
	Ant1	5745	20.08	5734.96	5755.04	---	---
	Ant2	5745	20.08	5734.96	5755.04	---	---
	Ant1	5785	20.12	5774.92	5795.04	---	---
	Ant2	5785	20.12	5774.92	5795.04	---	---
	Ant1	5825	20.08	5814.96	5835.04	---	---
	Ant2	5825	20.20	5814.96	5835.16	---	---
11AC40SISO	Ant1	5190	40.72	5169.68	5210.40	---	---
	Ant2	5190	40.72	5169.68	5210.40	---	---
	Ant1	5230	40.72	5209.68	5250.40	---	---
	Ant2	5230	40.72	5209.60	5250.32	---	---
	Ant1	5270	40.72	5249.68	5290.40	---	---
	Ant2	5270	40.72	5249.68	5290.40	---	---
	Ant1	5310	40.72	5289.68	5330.40	---	---
	Ant2	5310	40.72	5289.76	5330.48	---	---
	Ant1	5510	40.80	5489.60	5530.40	---	---
	Ant2	5510	40.72	5489.68	5530.40	---	---
	Ant1	5550	40.72	5529.68	5570.40	---	---
	Ant2	5550	40.64	5529.60	5570.24	---	---
	Ant1	5670	40.88	5649.60	5690.48	---	---
	Ant2	5670	40.72	5649.68	5690.40	---	---
	Ant1	5755	40.88	5734.52	5775.40	---	---
	Ant2	5755	40.80	5734.52	5775.32	---	---
11AC80SISO	Ant1	5210	82.40	5168.88	5251.28	---	---
	Ant2	5210	82.24	5168.88	5251.12	---	---
	Ant1	5290	82.24	5249.04	5331.28	---	---
	Ant2	5290	82.40	5248.88	5331.28	---	---
	Ant1	5530	82.08	5489.04	5571.12	---	---
	Ant2	5530	82.24	5488.88	5571.12	---	---
	Ant1	5610	82.24	5568.88	5651.12	---	---
	Ant2	5610	82.40	5568.88	5651.28	---	---

	Ant1	5775	82.24	5733.88	5816.12	---	---
	Ant2	5775	82.24	5733.88	5816.12	---	---

Test Graphs







11A_Ant2_5240



11A_Ant1_5260









11A_Ant2_5500



11A_Ant1_5580



11A_Ant2_5580



11A_Ant1_5700





11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180



11N20SISO_Ant1_5220

































11N40SISO_Ant2_5510



11N40SISO_Ant1_5550





11N40SISO_Ant2_5670

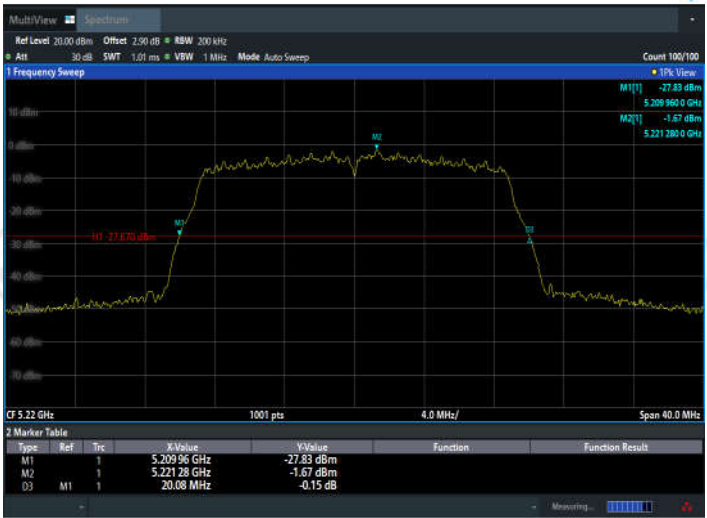


11N40SISO_Ant1_5755









11AC20SISO_Ant2_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



11AC20SISO_Ant1_5260





11AC20SISO_Ant2_5300



11AC20SISO_Ant1_5320



11AC20SISO_Ant2_5320



11AC20SISO_Ant1_5500



11AC20SISO_Ant2_5500



11AC20SISO_Ant1_5580









11AC20SISO_Ant2_5785



11AC20SISO_Ant1_5825