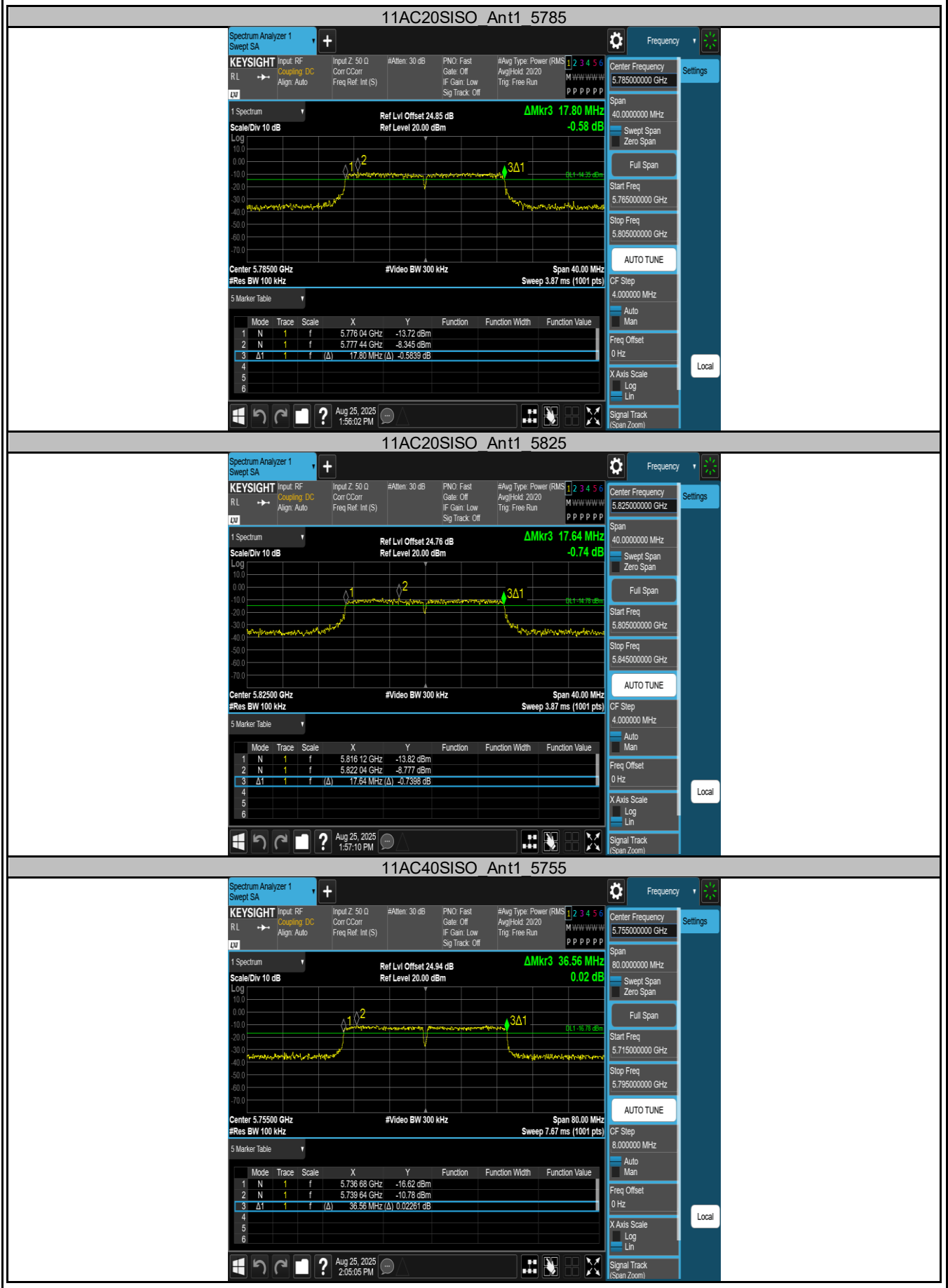


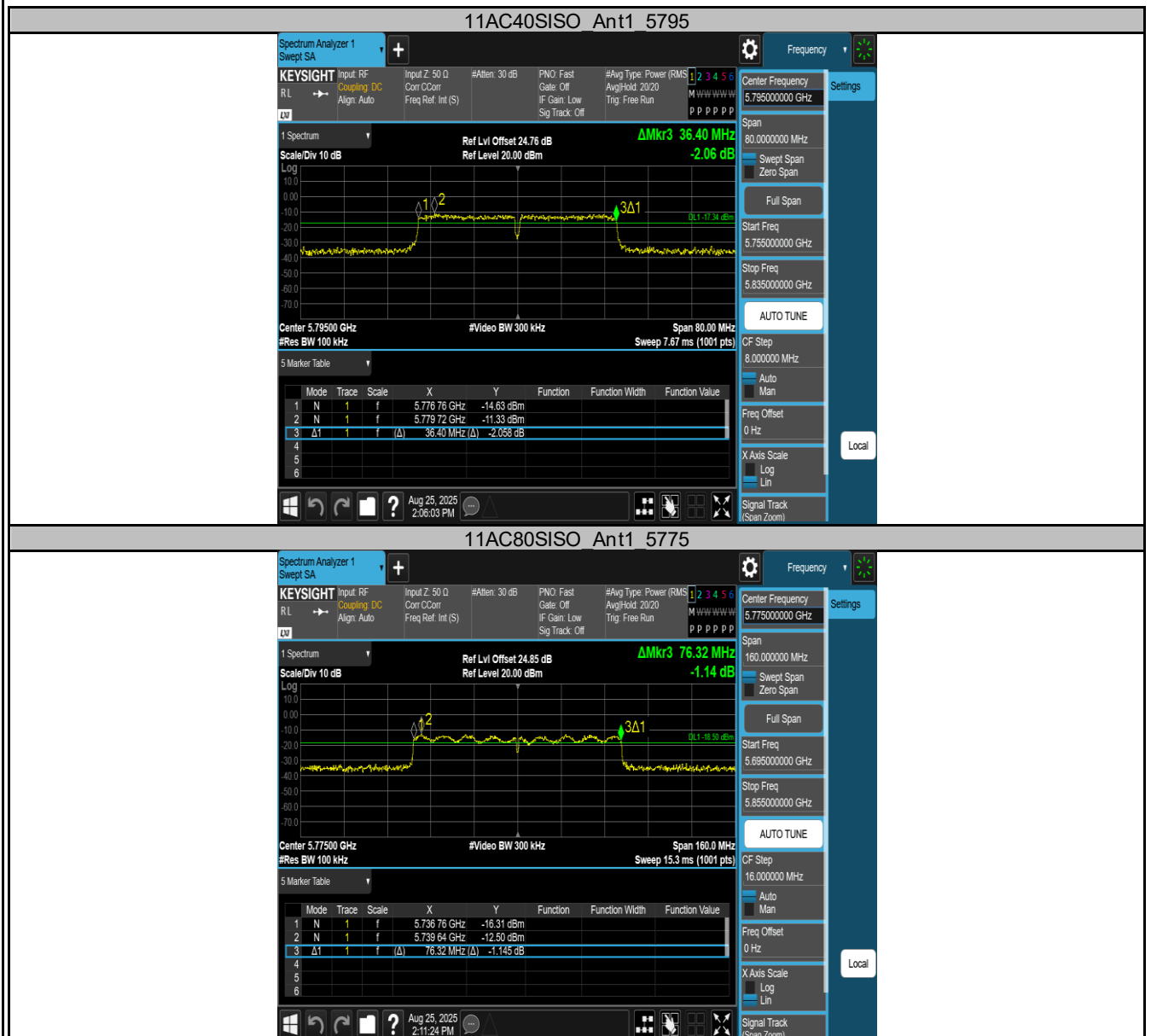
Test Graphs











Appendix A.4: Test Results of Maximum output power

Test Result

TestMode	Antenna	Channel	Conducted Output Power [dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	16.76	≤23.98	PASS
		5200	16.90	≤23.98	PASS
		5240	17.57	≤23.98	PASS
		5260	17.81	≤23.98	PASS
		5280	17.84	≤23.98	PASS
		5320	17.59	≤23.98	PASS
		5500	17.24	≤23.98	PASS
		5580	17.24	≤23.98	PASS
		5700	14.92	≤23.98	PASS
		5745	13.94	≤30.00	PASS
		5785	13.11	≤30.00	PASS
11N20SISO	Ant1	5825	12.69	≤30.00	PASS
		5180	16.58	≤23.98	PASS
		5200	17.06	≤23.98	PASS
		5240	17.40	≤23.98	PASS
		5260	17.77	≤23.98	PASS
		5280	17.69	≤23.98	PASS
		5320	17.47	≤23.98	PASS
		5500	17.03	≤23.98	PASS
		5580	17.06	≤23.98	PASS
		5700	14.73	≤23.98	PASS
		5745	13.60	≤30.00	PASS
11N40SISO	Ant1	5785	13.02	≤30.00	PASS
		5825	12.59	≤30.00	PASS
		5190	16.78	≤23.98	PASS
		5230	17.34	≤23.98	PASS
		5270	17.82	≤23.98	PASS
		5310	17.66	≤23.98	PASS
		5510	17.22	≤23.98	PASS
		5550	17.25	≤23.98	PASS
		5670	15.63	≤23.98	PASS
		5755	13.59	≤30.00	PASS
		5795	12.97	≤30.00	PASS
11AC20SISO	Ant1	5180	16.47	≤23.98	PASS
		5200	16.91	≤23.98	PASS
		5240	17.28	≤23.98	PASS
		5260	17.74	≤23.98	PASS
		5280	17.69	≤23.98	PASS
		5320	17.43	≤23.98	PASS
		5500	17.02	≤23.98	PASS
		5580	16.97	≤23.98	PASS
		5700	14.84	≤23.98	PASS
		5745	13.69	≤30.00	PASS
		5785	13.05	≤30.00	PASS
11AC40SISO	Ant1	5825	12.50	≤30.00	PASS
		5190	16.76	≤23.98	PASS
		5230	17.27	≤23.98	PASS
		5270	17.80	≤23.98	PASS
		5310	17.70	≤23.98	PASS
		5510	17.24	≤23.98	PASS
		5550	17.35	≤23.98	PASS
		5670	15.60	≤23.98	PASS
		5755	13.61	≤30.00	PASS
		5795	13.00	≤30.00	PASS
11AC80SISO	Ant1	5210	16.73	≤23.98	PASS
		5290	17.61	≤23.98	PASS
		5530	17.05	≤23.98	PASS

		5610	16.55	≤23.98	PASS
		5775	13.18	≤30.00	PASS

U-NII 1: Max. e.i.r.p.= 17.57dBm+2.50dBi= 20.07dBm, which is less than 22.2dBm (10 dBm + 10 logB, dBm)
U-NII 2: Max. e.i.r.p.= 17.84dBm+2.50dBi= 20.34dBm, which is less than 29.3dBm (17 dBm + 10 logB, dBm)

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G): max. 2.50dBi for U-NII Band 1, Band 2A/2C, e.i.r.p.=P(Conducted power)+ G
- 3) B is the 99% emission bandwidth in MHz

Appendix A.5: Test Results of Conducted Power Spectral Density

Test Result

U-NII Band 1, Band 2A/2C

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6.03	≤11.00	PASS
		5200	6.26	≤11.00	PASS
		5240	6.53	≤11.00	PASS
		5260	6.94	≤11.00	PASS
		5280	6.93	≤11.00	PASS
		5320	6.44	≤11.00	PASS
		5500	6.21	≤11.00	PASS
		5580	6.74	≤11.00	PASS
		5700	4.67	≤11.00	PASS
11N20SISO	Ant1	5180	5.56	≤11.00	PASS
		5200	5.94	≤11.00	PASS
		5240	6.49	≤11.00	PASS
		5260	6.64	≤11.00	PASS
		5280	6.83	≤11.00	PASS
		5320	6.12	≤11.00	PASS
		5500	5.65	≤11.00	PASS
		5580	6.17	≤11.00	PASS
		5700	4.20	≤11.00	PASS
11N40SISO	Ant1	5190	3.00	≤11.00	PASS
		5230	3.38	≤11.00	PASS
		5270	4.03	≤11.00	PASS
		5310	3.81	≤11.00	PASS
		5510	2.64	≤11.00	PASS
		5550	3.04	≤11.00	PASS
		5670	2.47	≤11.00	PASS
		5180	5.67	≤11.00	PASS
11AC20SISO	Ant1	5200	5.92	≤11.00	PASS
		5240	6.36	≤11.00	PASS
		5260	6.43	≤11.00	PASS
		5280	6.49	≤11.00	PASS
		5320	6.14	≤11.00	PASS
		5500	5.43	≤11.00	PASS
		5580	6.45	≤11.00	PASS
		5700	3.90	≤11.00	PASS
		5190	3.22	≤11.00	PASS
11AC40SISO	Ant1	5230	3.29	≤11.00	PASS
		5270	3.77	≤11.00	PASS
		5310	3.38	≤11.00	PASS
		5510	2.90	≤11.00	PASS
		5550	2.85	≤11.00	PASS
		5670	2.15	≤11.00	PASS
		5210	1.73	≤11.00	PASS
11AC80SISO	Ant1	5290	1.23	≤11.00	PASS
		5530	0.80	≤11.00	PASS
		5610	0.79	≤11.00	PASS
		5210	1.73	≤11.00	PASS

U-NII Band 3

TestMode	Antenna	Channel	Result [dBm/500kHz]	Limit[dBm/500kHz]	Verdict
11A	Ant1	5745	0.86	≤30.00	PASS
		5785	-0.42	≤30.00	PASS
		5825	-1.02	≤30.00	PASS
11N20SISO	Ant1	5745	0.62	≤30.00	PASS
		5785	-0.50	≤30.00	PASS
		5825	-1.30	≤30.00	PASS
11N40SISO	Ant1	5755	-2.70	≤30.00	PASS

		5795	-3.50	≤30.00	PASS
		5745	0.65	≤30.00	PASS
11AC20SISO	Ant1	5785	-0.71	≤30.00	PASS
		5825	-0.58	≤30.00	PASS
11AC40SISO	Ant1	5755	-2.35	≤30.00	PASS
		5795	-3.11	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.15	≤30.00	PASS

U-NII 1: Max. e.i.r.p. spectral density= 6.53dBm+2.50dBi= 9.03dBm/MHz, which is less than 10dBm/MHz

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G): max. 2.50dBi for U-NII Band 1
- 3) B is the 99% emission bandwidth in MHz

Test Graphs









