

Appendix F

RF Test Data for 5.5GWIFI (Conducted Measurement)

Product Name: Projector

Test Model: T7

Environmental Conditions

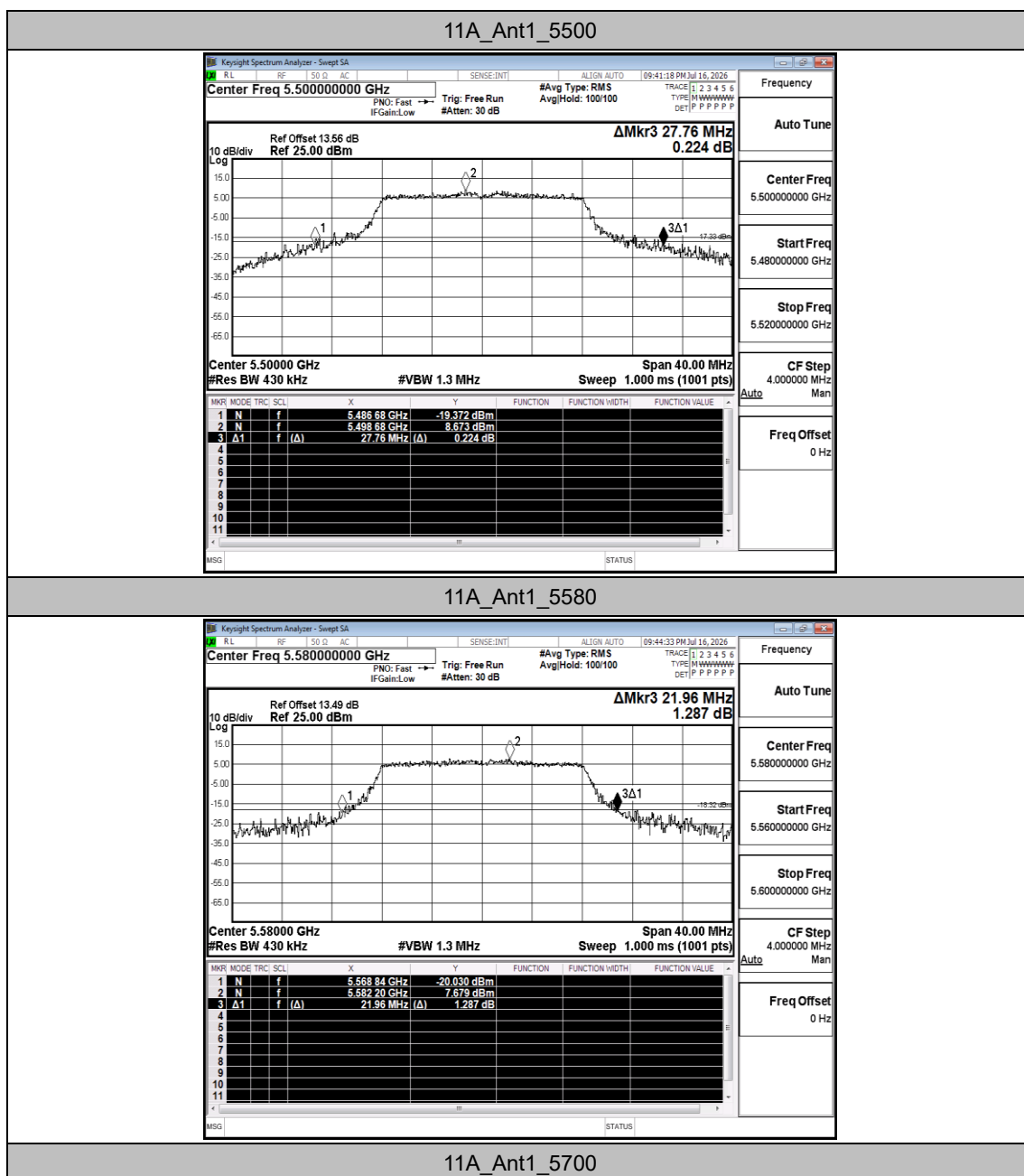
Temperature:	24.3°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

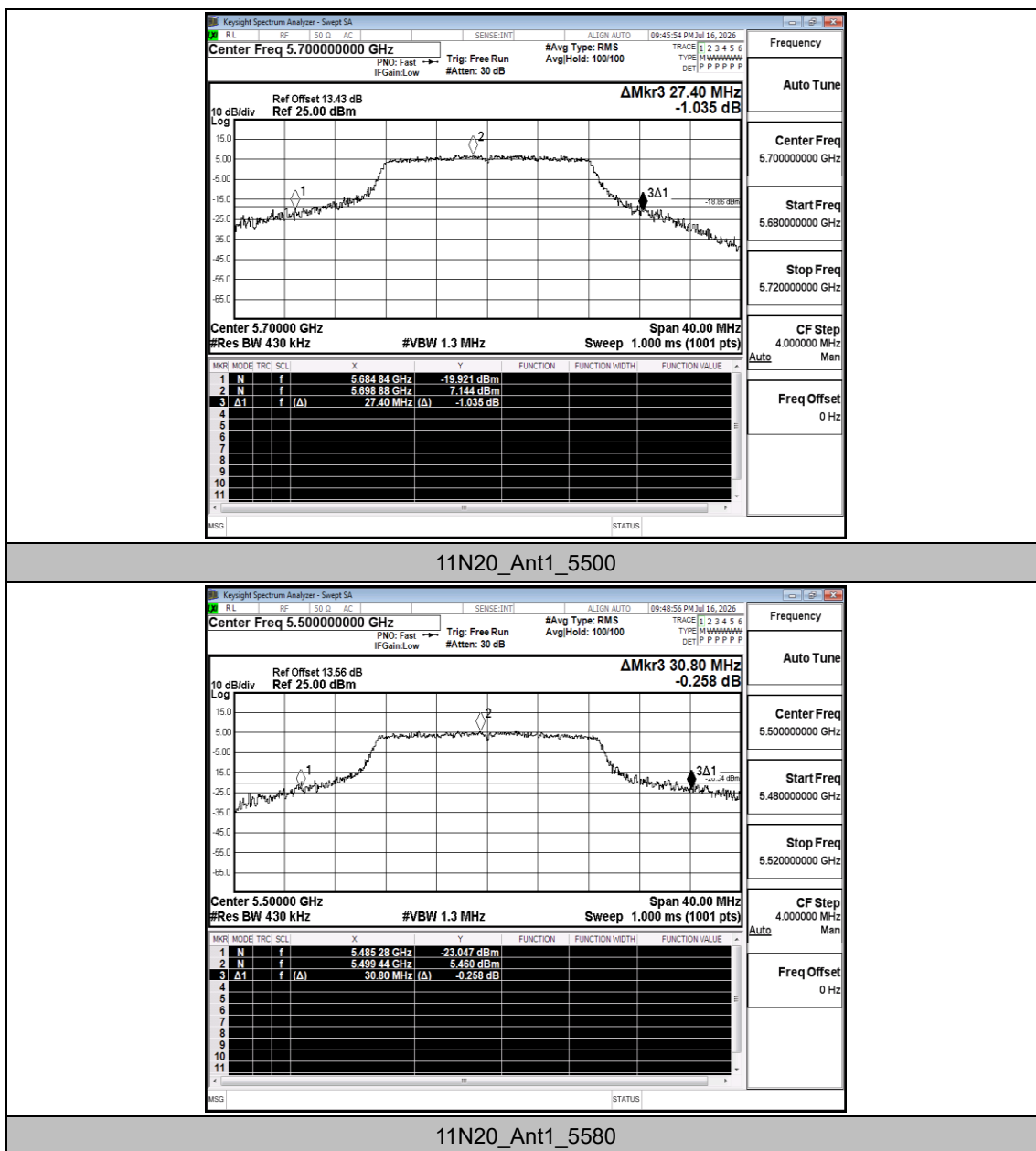
F.1 Emission Bandwidth

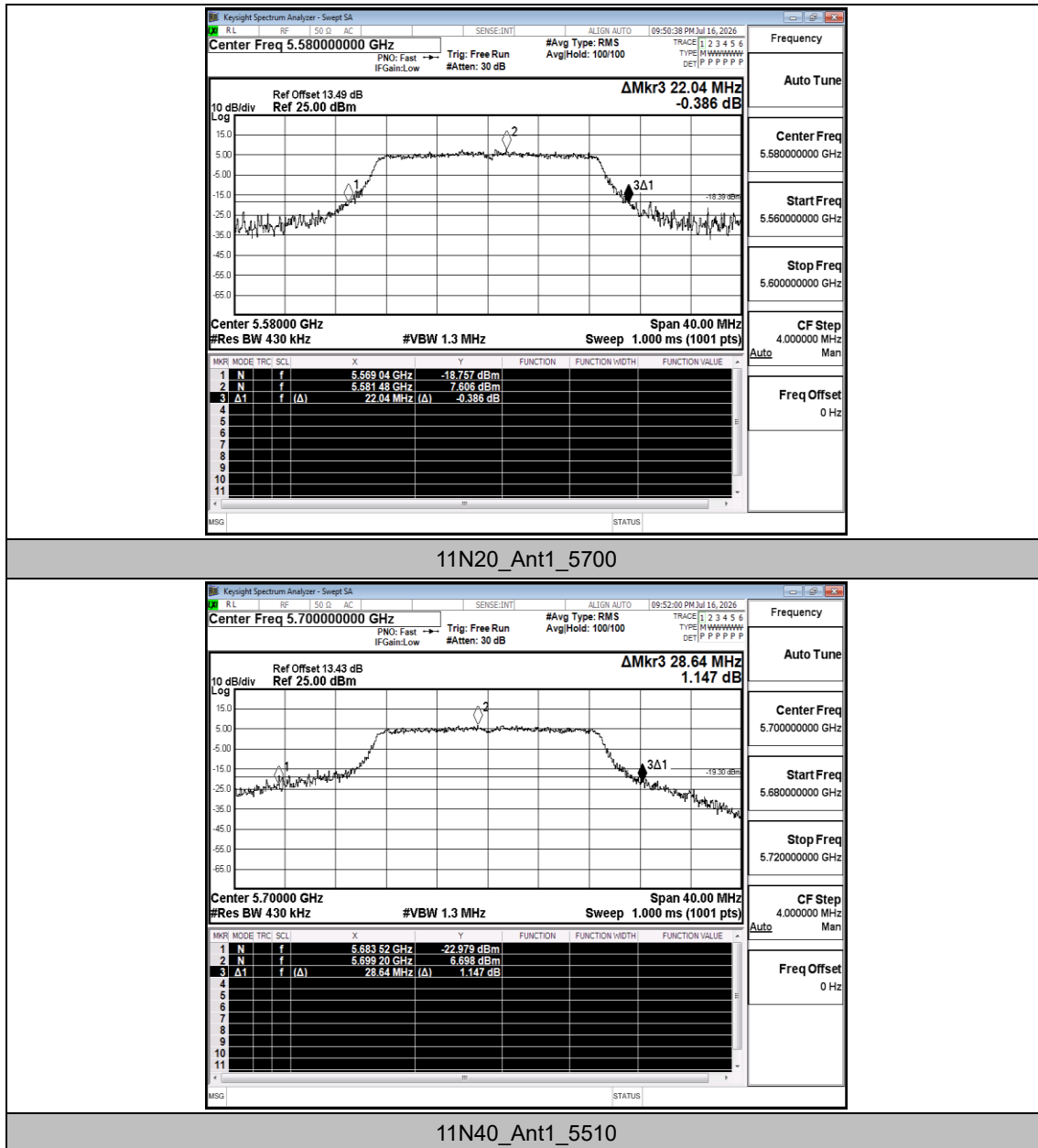
Test Result

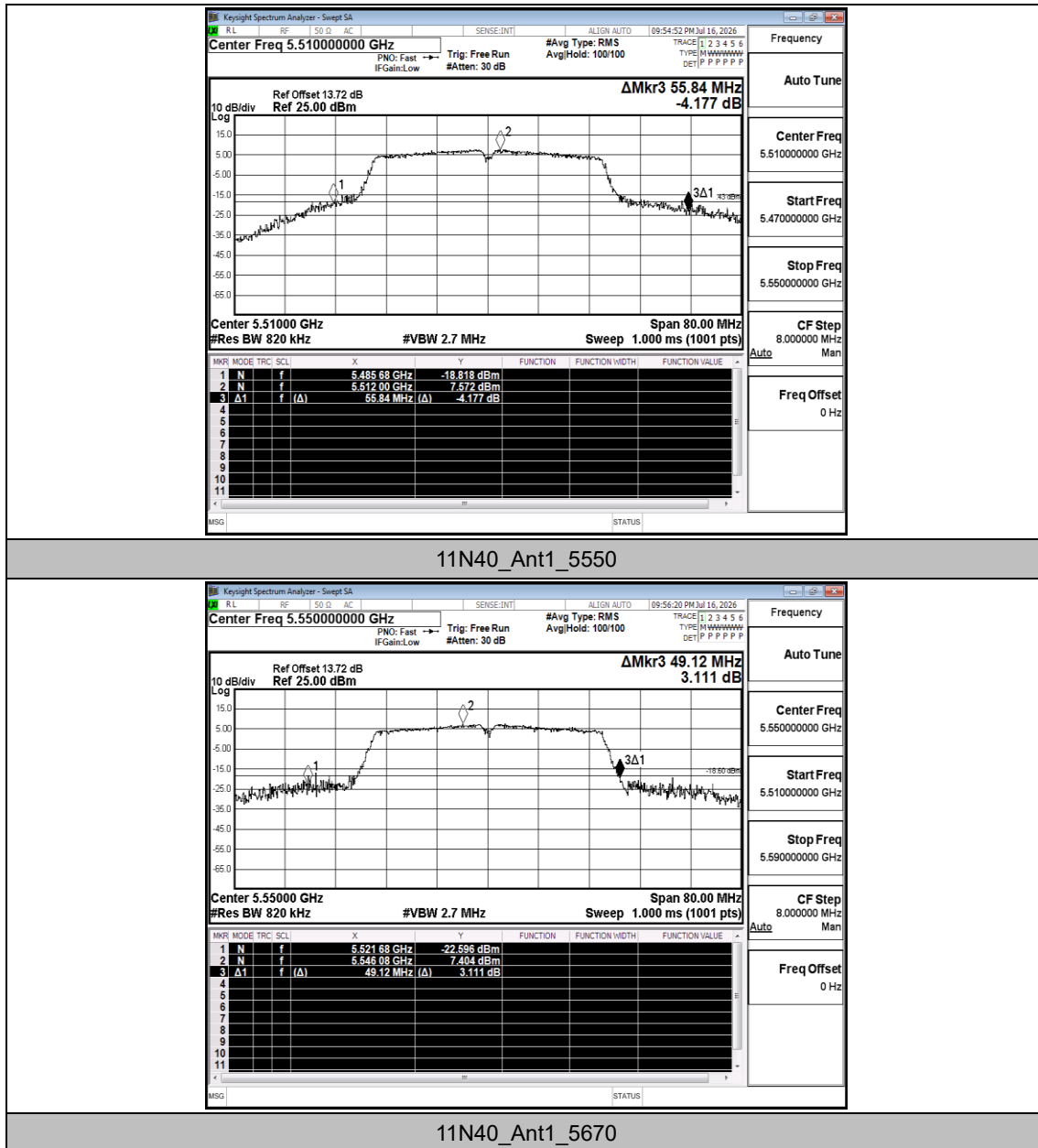
TestMode	Antenna	Freq (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5500	27.760	5486.680	5514.440	---	---
		5580	21.960	5568.840	5590.800	---	---
		5700	27.400	5684.840	5712.240	---	---
11N20	Ant1	5500	30.800	5485.280	5516.080	---	---
		5580	22.040	5569.040	5591.080	---	---
		5700	28.640	5683.520	5712.160	---	---
11N40	Ant1	5510	55.840	5485.680	5541.520	---	---
		5550	49.120	5521.680	5570.800	---	---
		5670	56.320	5641.760	5698.080	---	---
11AC20	Ant1	5500	32.400	5486.320	5518.720	---	---
		5580	22.480	5568.920	5591.400	---	---
		5700	25.000	5687.120	5712.120	---	---
11AC40	Ant1	5510	51.920	5485.520	5537.440	---	---
		5550	43.760	5529.040	5572.800	---	---
		5670	64.800	5637.680	5702.480	---	---
11AC80	Ant1	5530	100.640	5485.840	5586.480	---	---
		5610	80.320	5570.000	5650.320	---	---
11AC160	Ant1	5570	172.480	5485.200	5657.680	---	---
11AX20	Ant1	5500	30.120	5485.760	5515.880	---	---
		5580	22.440	5568.920	5591.360	---	---
		5700	26.280	5685.840	5712.120	---	---
11AX40	Ant1	5510	52.800	5484.160	5536.960	---	---
		5550	40.080	5530.000	5570.080	---	---
		5670	55.680	5643.040	5698.720	---	---
11AX80	Ant1	5530	91.040	5487.920	5578.960	---	---
		5610	81.440	5569.360	5650.800	---	---
11AX160	Ant1	5570	172.800	5480.720	5653.520	---	---

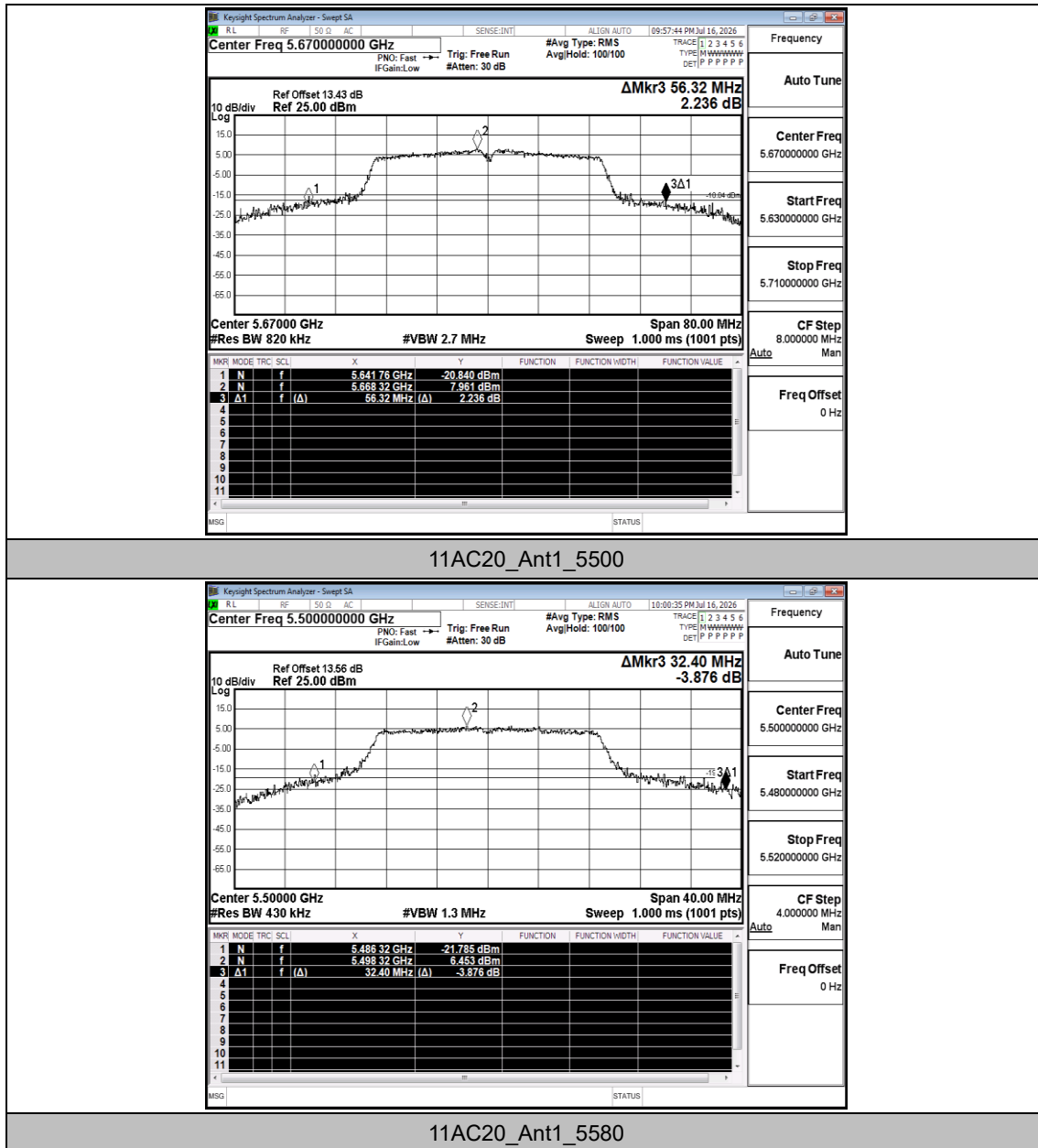
Test Graphs

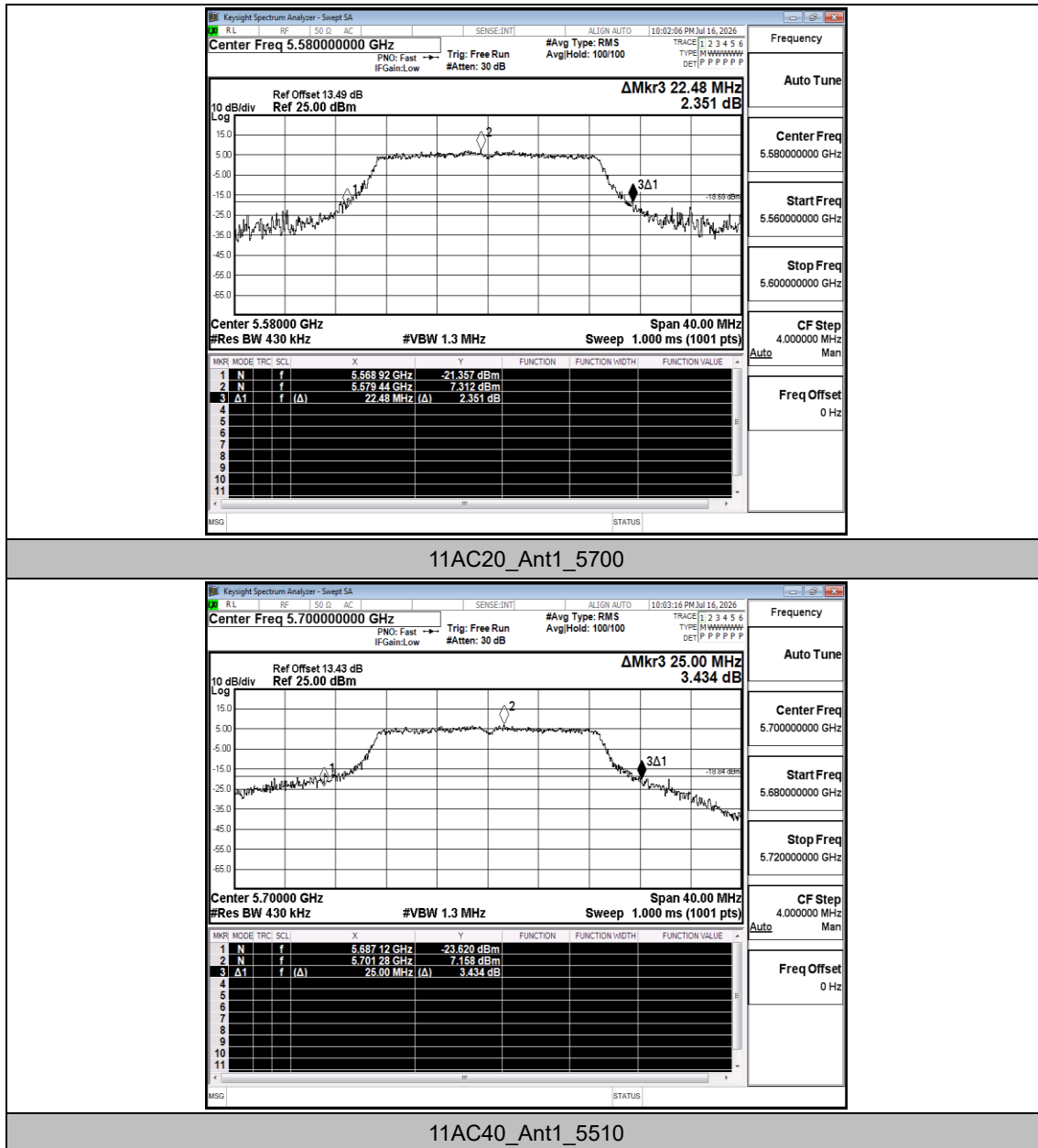


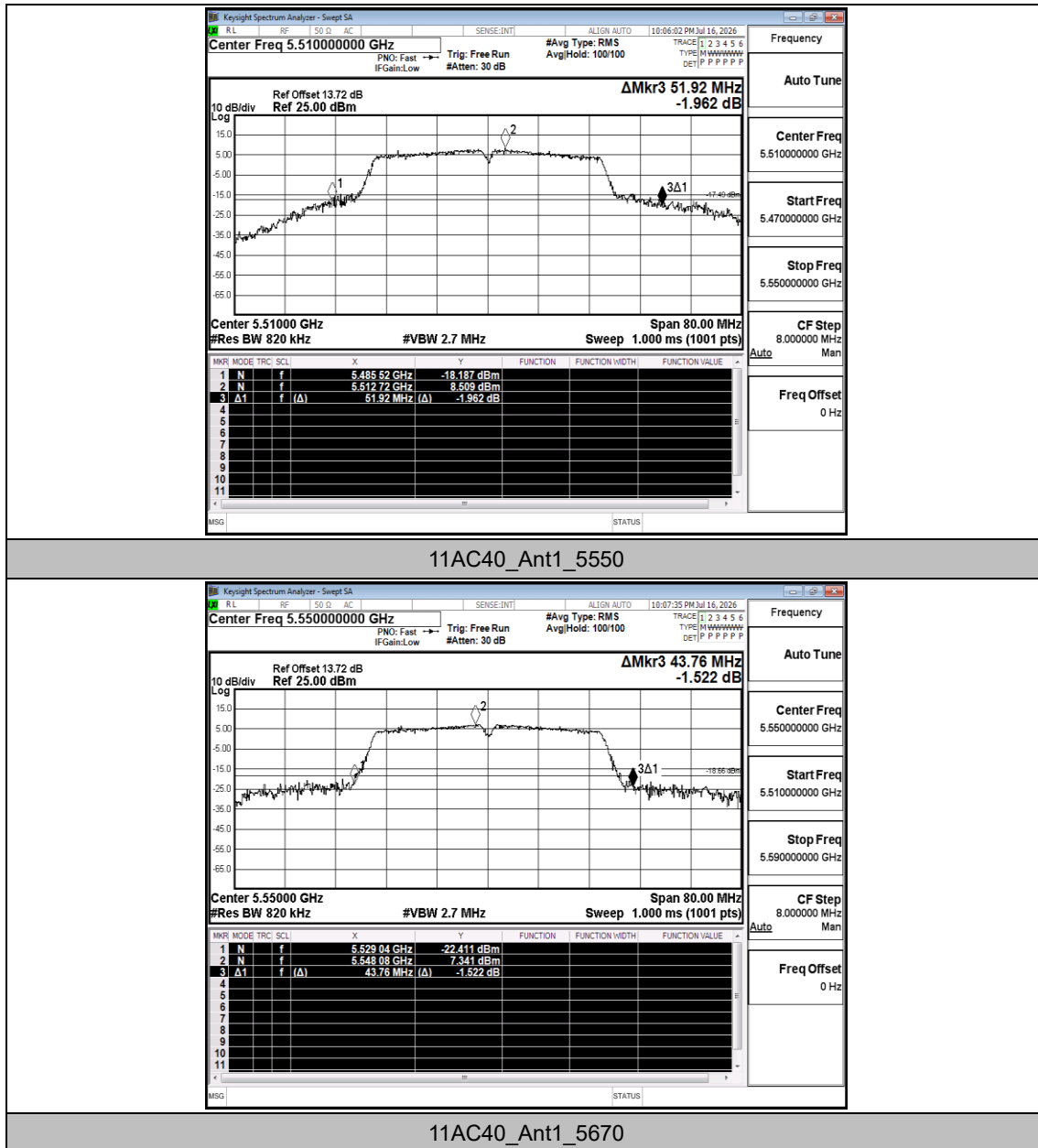


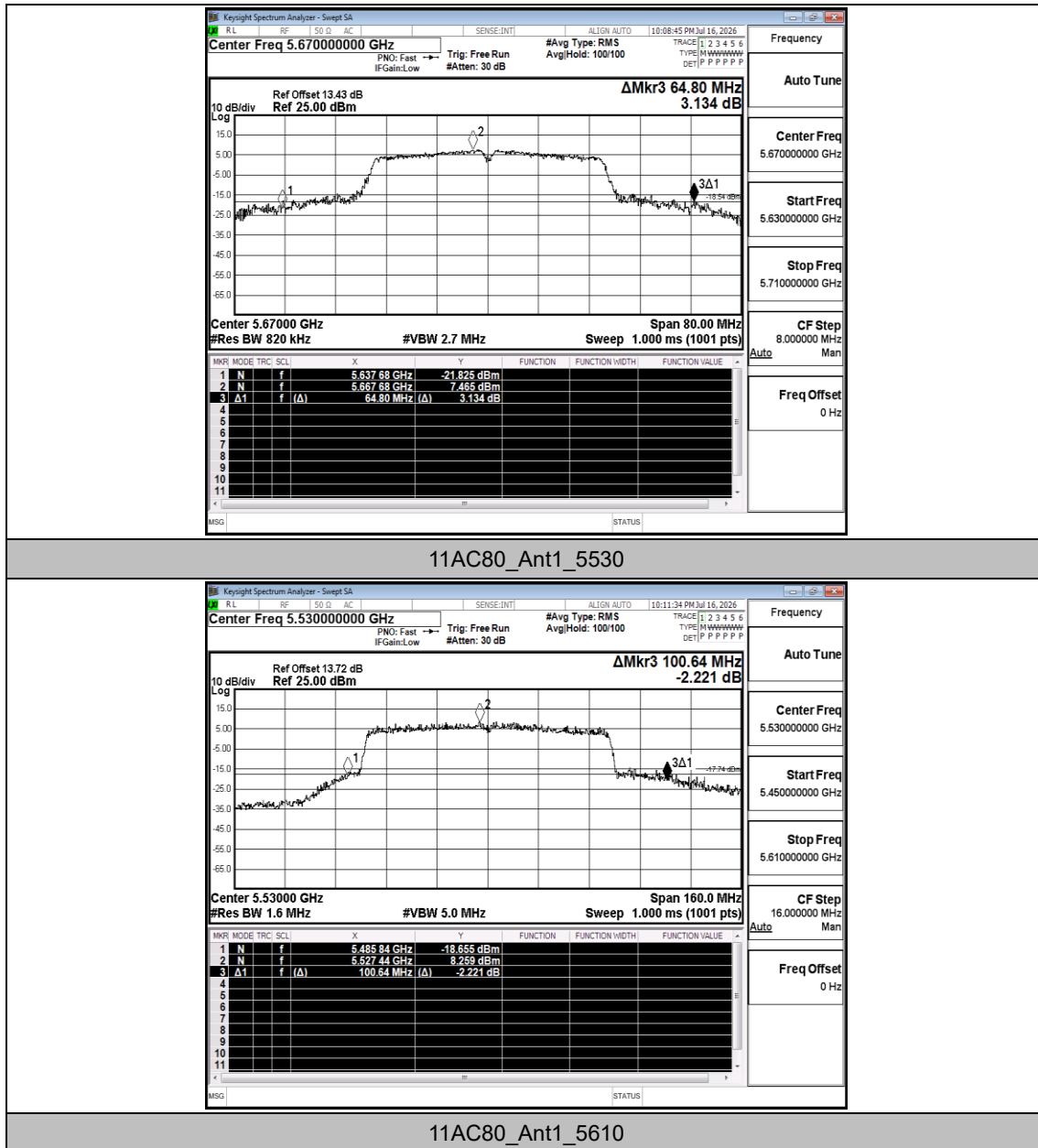


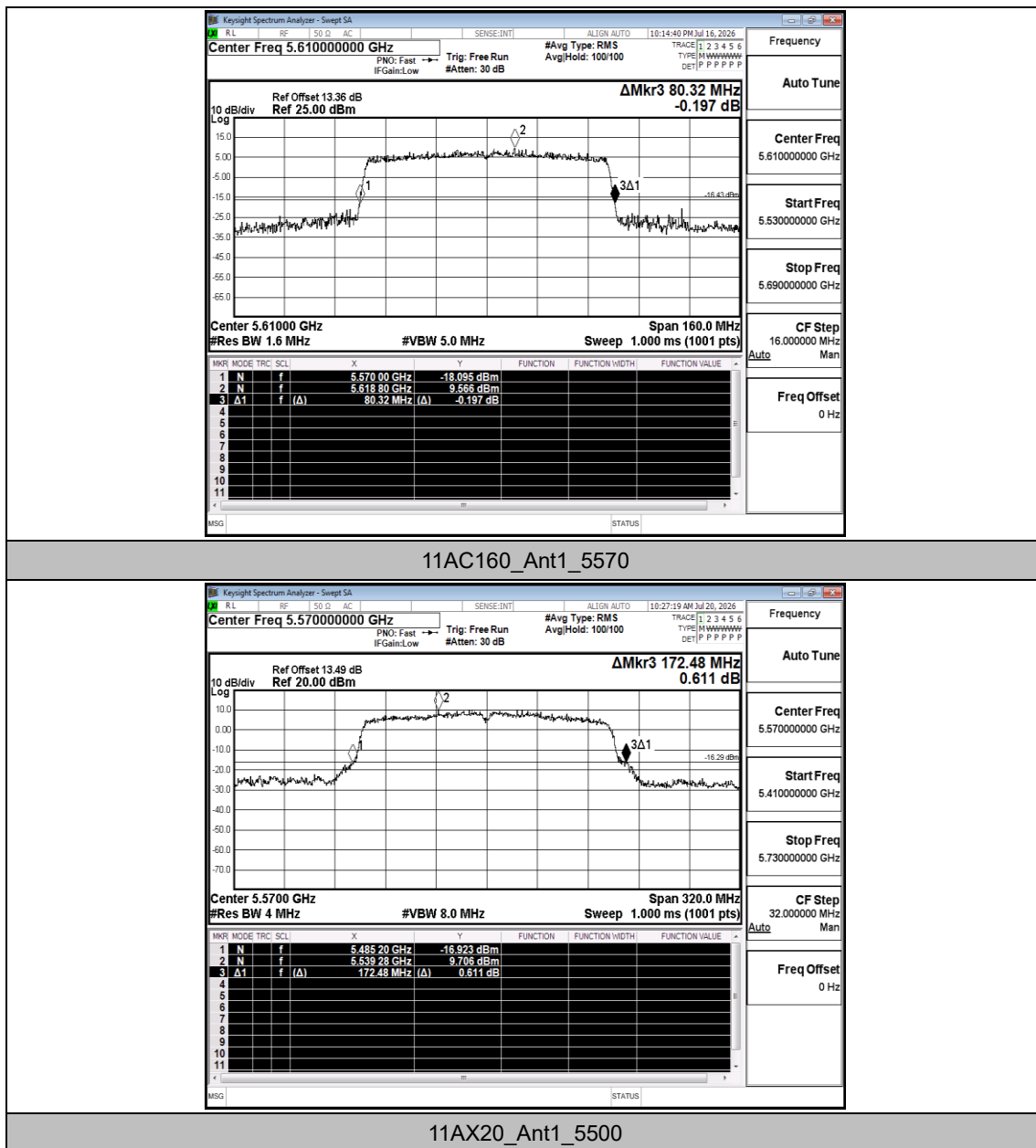


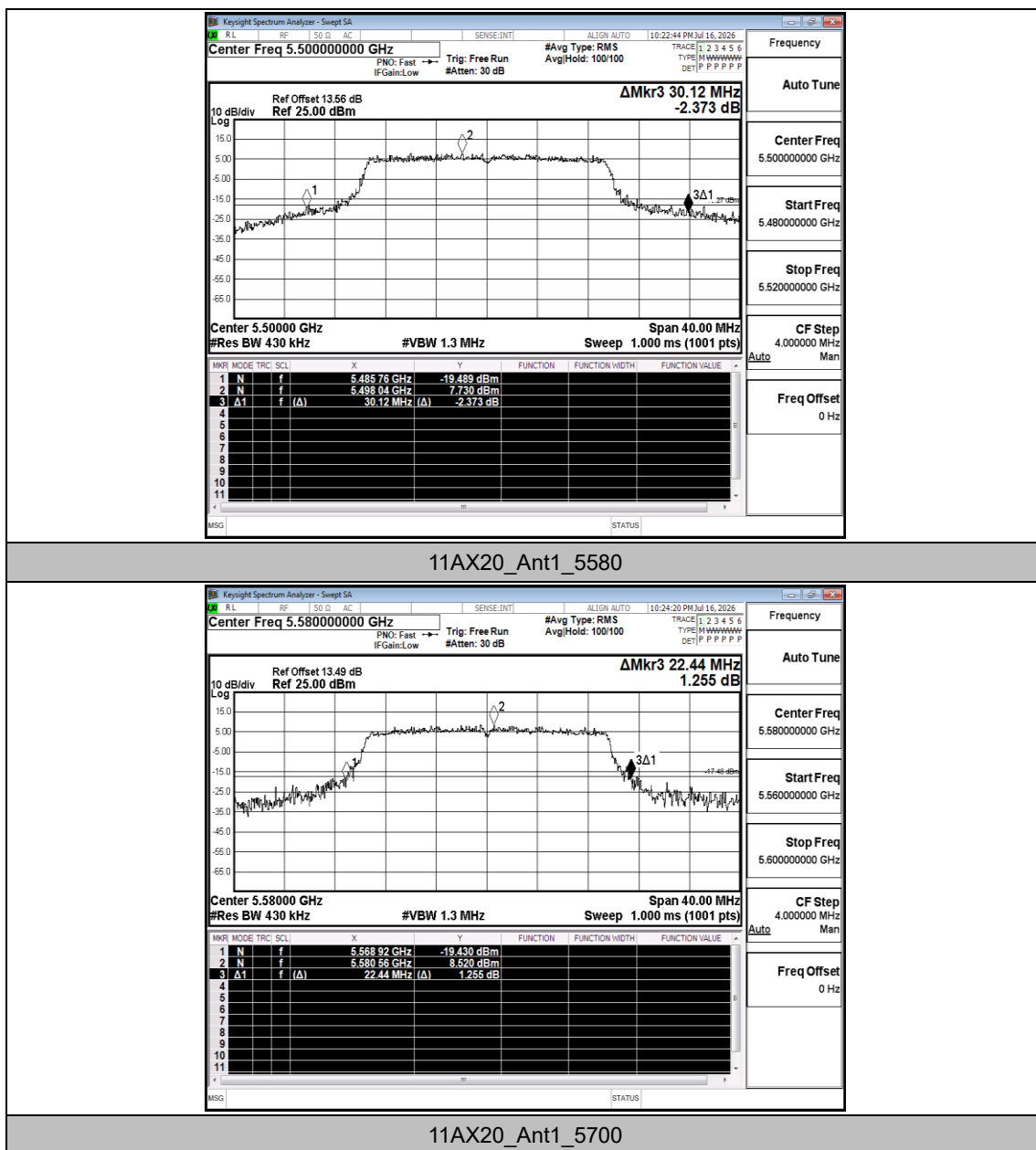


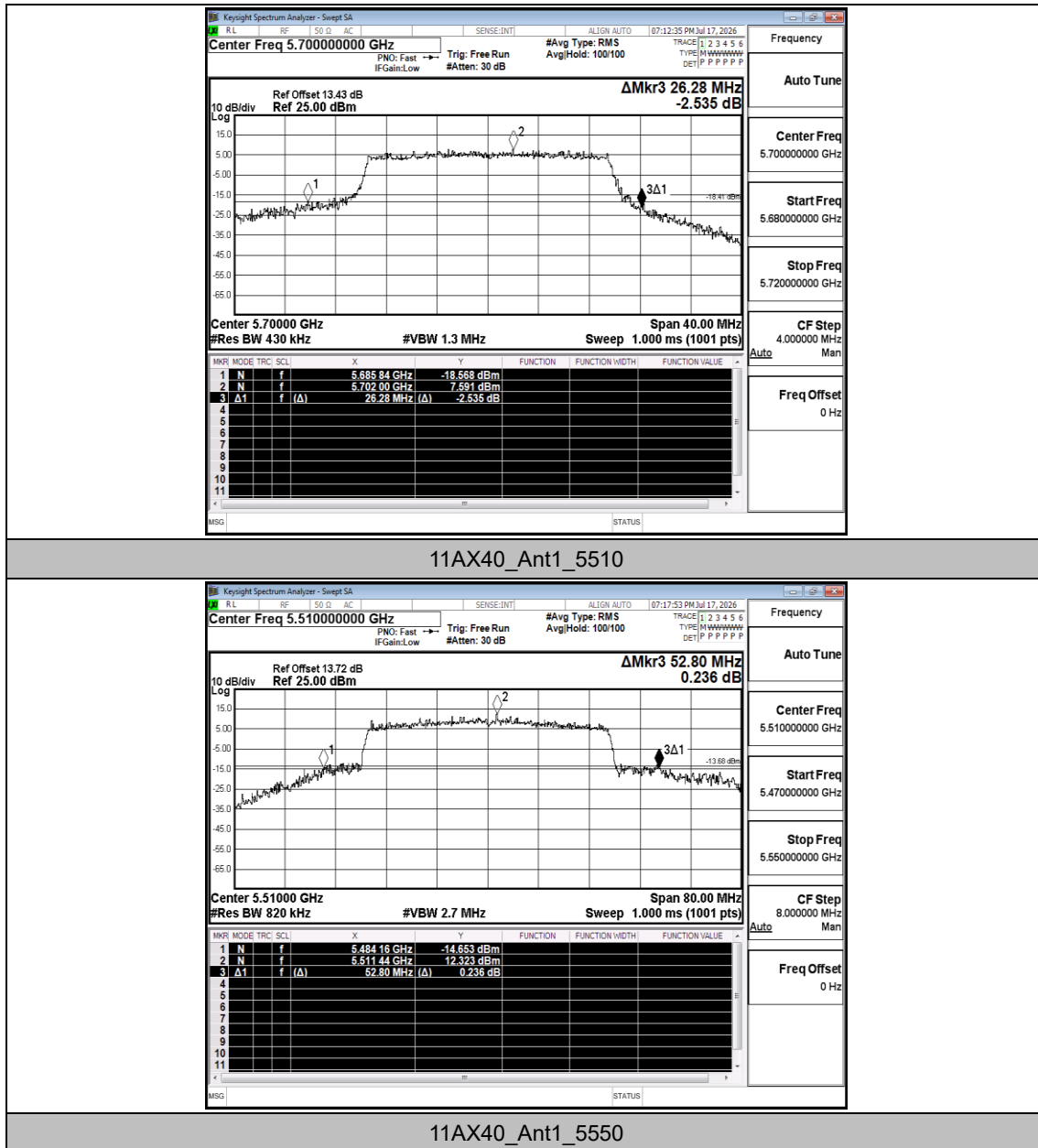


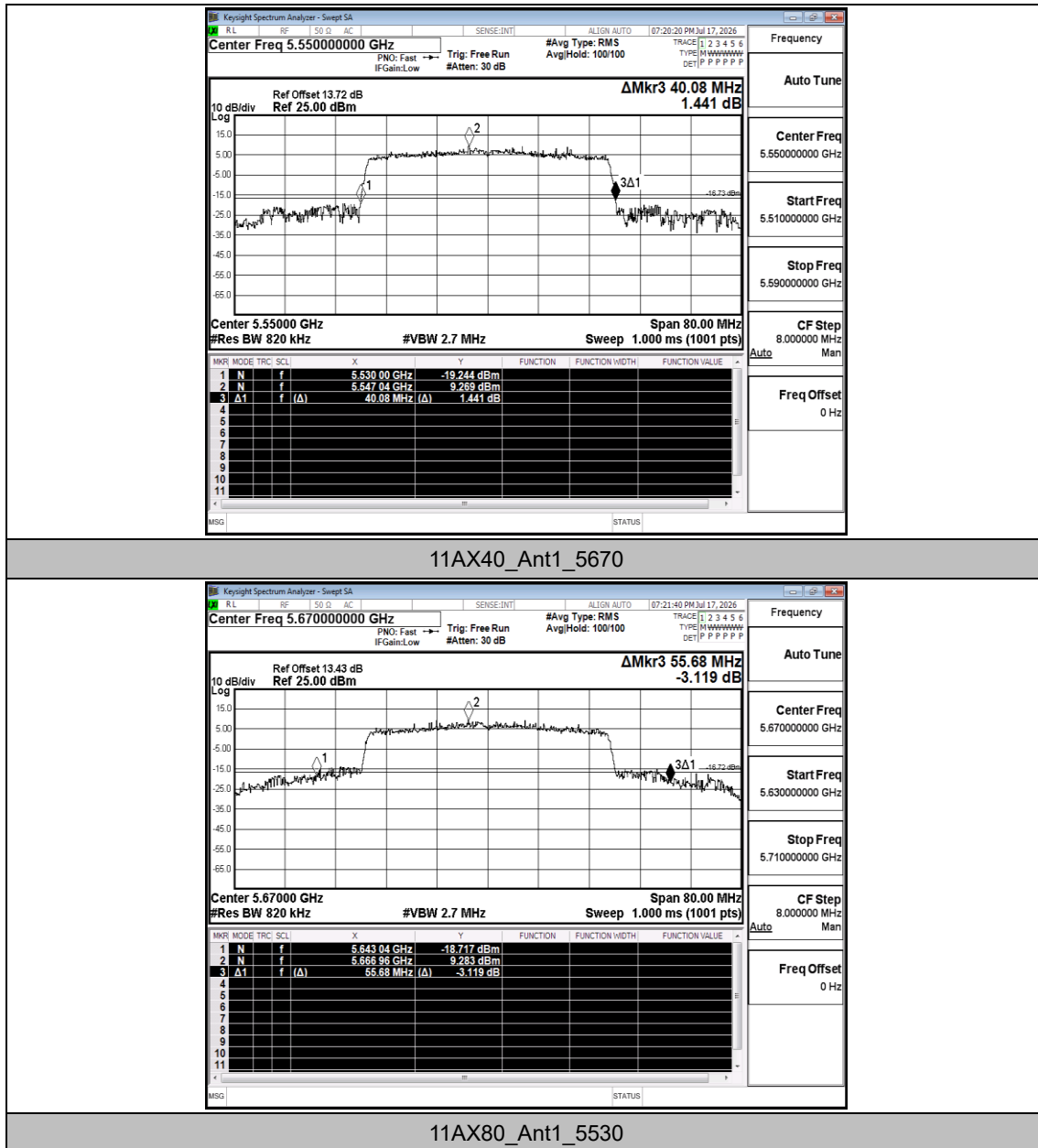


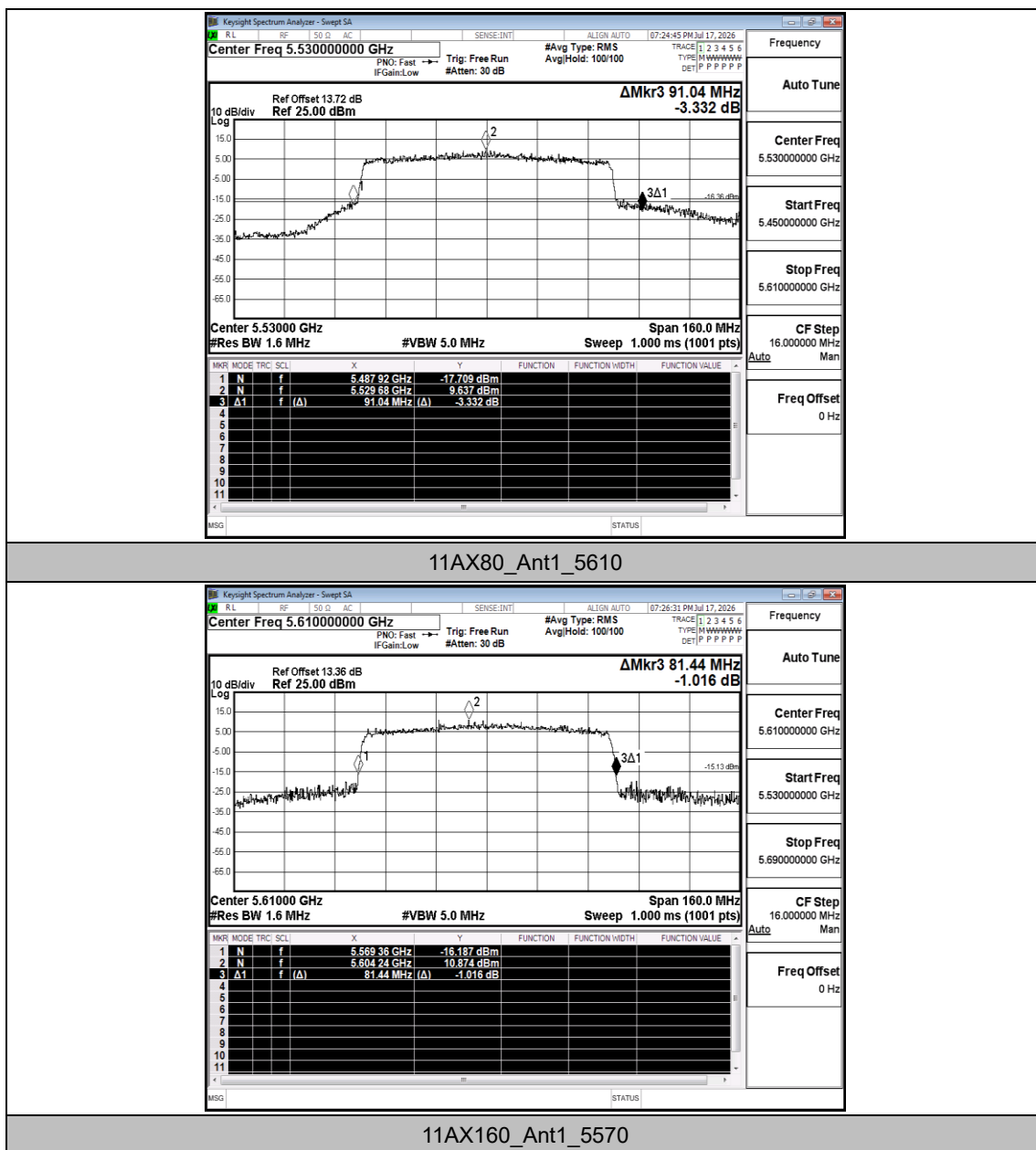


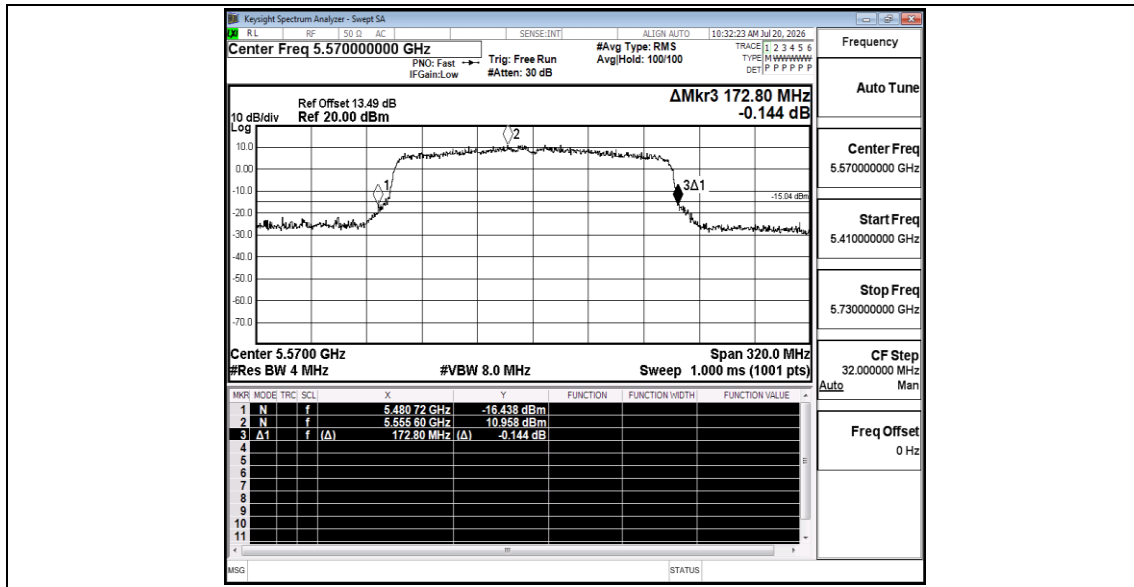












F.2 Maximum conducted output power

Test Result

TestMode	Antenna	Freq (MHz)	TPC Mode	Measured Power [dBm]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	NA	16.05	0.15	16.20	≤23.98	PASS
		5580	NA	15.95	0.18	16.13	≤23.98	PASS
		5700	NA	16.22	0.18	16.40	≤23.98	PASS
11N20	Ant1	5500	NA	14.28	0.19	14.47	≤23.98	PASS
		5580	NA	15.37	0.20	15.57	≤23.98	PASS
		5700	NA	15.68	0.16	15.84	≤23.98	PASS
11N40	Ant1	5510	NA	15.12	0.38	15.50	≤23.98	PASS
		5550	NA	15.15	0.38	15.53	≤23.98	PASS
		5670	NA	15.77	0.38	16.15	≤23.98	PASS
11AC20	Ant1	5500	NA	14.42	0.43	14.85	≤23.98	PASS
		5580	NA	15.25	0.51	15.76	≤23.98	PASS
		5700	NA	15.45	0.43	15.88	≤23.98	PASS
11AC40	Ant1	5510	NA	14.65	0.90	15.55	≤23.98	PASS
		5550	NA	14.62	0.90	15.52	≤23.98	PASS
		5670	NA	15.23	0.90	16.13	≤23.98	PASS
11AC80	Ant1	5530	NA	13.51	1.25	14.76	≤23.98	PASS
		5610	NA	13.90	1.55	15.45	≤23.98	PASS
11AC160	Ant1	5570	NA	13.67	2.04	15.71	≤23.98	PASS
11AX20	Ant1	5500	NA	14.95	0.58	15.53	≤23.98	PASS
		5580	NA	15.30	0.57	15.87	≤23.98	PASS
		5700	NA	15.20	0.48	15.68	≤23.98	PASS
11AX40	Ant1	5510	NA	14.63	0.58	15.21	≤23.98	PASS
		5550	NA	14.79	0.58	15.37	≤23.98	PASS
		5670	NA	15.44	0.57	16.01	≤23.98	PASS
11AX80	Ant1	5530	NA	14.14	0.59	14.73	≤23.98	PASS
		5610	NA	15.13	0.50	15.63	≤23.98	PASS
11AX160	Ant1	5570	NA	15.39	0.59	15.98	≤23.98	PASS

F.3 Maximum power spectral density

Test Result

TestMode	Antenna	Freq (MHz)	Raw Data [dBm/MHz]	DC Factor	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5500	4.64	0.15	4.79	≤11.00	PASS
		5580	4.59	0.18	4.77	≤11.00	PASS
		5700	4.04	0.18	4.22	≤11.00	PASS
11N20	Ant1	5500	2.34	0.19	2.53	≤11.00	PASS
		5580	3.96	0.20	4.16	≤11.00	PASS
		5700	3.28	0.16	3.44	≤11.00	PASS
11N40	Ant1	5510	1.38	0.38	1.76	≤11.00	PASS
		5550	0.87	0.38	1.25	≤11.00	PASS
		5670	0.94	0.38	1.32	≤11.00	PASS
11AC20	Ant1	5500	2.74	0.43	3.17	≤11.00	PASS
		5580	3.09	0.51	3.60	≤11.00	PASS
		5700	2.95	0.43	3.38	≤11.00	PASS
11AC40	Ant1	5510	0.82	0.90	1.72	≤11.00	PASS
		5550	-0.06	0.90	0.84	≤11.00	PASS
		5670	0.53	0.90	1.43	≤11.00	PASS
11AC80	Ant1	5530	-2.88	1.25	-1.63	≤11.00	PASS
		5610	-3.14	1.55	-1.59	≤11.00	PASS
11AC160	Ant1	5570	-6.57	2.04	-4.53	≤11.00	PASS
11AX20	Ant1	5500	3.17	0.58	3.75	≤11.00	PASS
		5580	3.22	0.57	3.79	≤11.00	PASS
		5700	2.25	0.48	2.73	≤11.00	PASS
11AX40	Ant1	5510	0.41	0.58	0.99	≤11.00	PASS
		5550	0.25	0.58	0.83	≤11.00	PASS
		5670	0.36	0.57	0.93	≤11.00	PASS
11AX80	Ant1	5530	-2.68	0.59	-2.09	≤11.00	PASS
		5610	-1.97	0.50	-1.47	≤11.00	PASS
11AX160	Ant1	5570	-5.25	0.59	-4.66	≤11.00	PASS

Test Graphs

