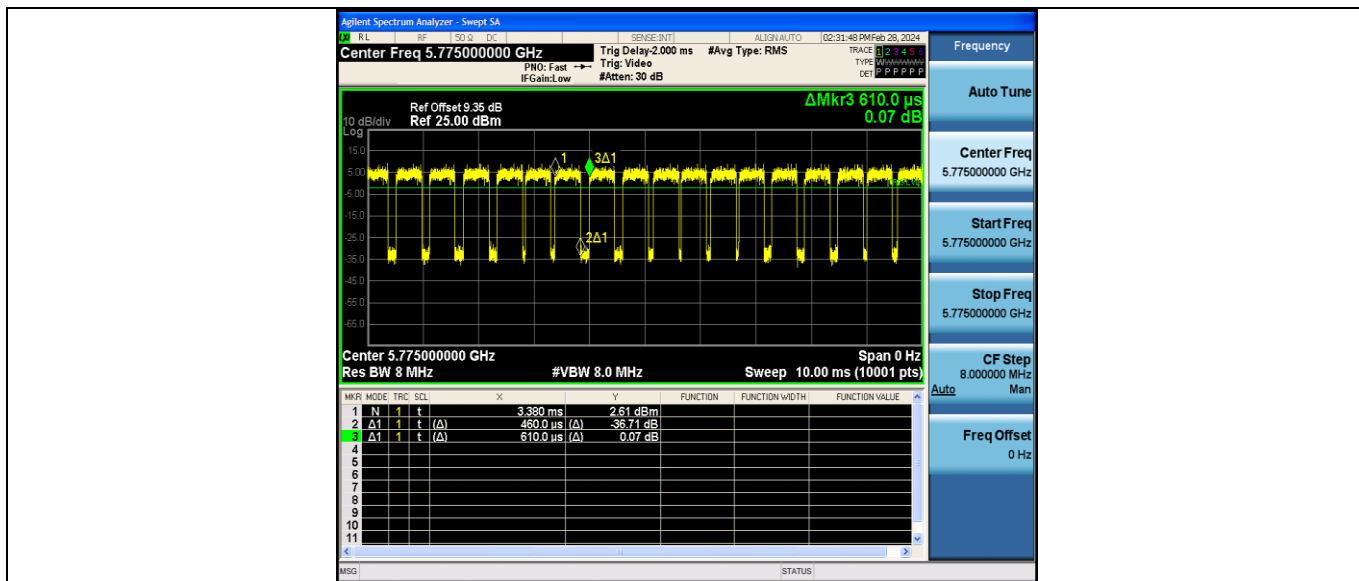






6.12 Appendix C: Maximum conducted output power

6.12.1 Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	9.29	91.96	0.36	9.65	≤23.98	PASS
		5200	7.14	93.21	0.31	7.45	≤23.98	PASS
		5240	8.02	83.33	0.79	8.81	≤23.98	PASS
		5745	8.12	94.52	0.24	8.36	≤29.97	PASS
		5785	8.47	93.24	0.30	8.77	≤29.97	PASS
		5825	9.08	92.83	0.32	9.40	≤29.97	PASS
11N20SISO	Ant1	5180	8.25	93.66	0.28	8.53	≤23.98	PASS
		5200	8.64	92.75	0.33	8.97	≤23.98	PASS
		5240	7.90	91.43	0.39	8.29	≤23.98	PASS
		5745	9.20	92.31	0.35	9.55	≤29.97	PASS
		5785	9.09	93.20	0.31	9.40	≤29.97	PASS
		5825	9.81	92.31	0.35	10.16	≤29.97	PASS
11N40SISO	Ant1	5190	8.35	84.82	0.72	9.07	≤23.98	PASS
		5230	8.38	60.65	2.17	10.55	≤23.98	PASS
		5755	9.16	86.24	0.64	9.80	≤29.97	PASS
		5795	9.37	87.16	0.60	9.97	≤29.97	PASS
11AC20SISO	Ant1	5180	8.32	88.24	0.54	8.86	≤23.98	PASS
		5200	8.69	93.24	0.30	8.99	≤23.98	PASS
		5240	8.01	95.54	0.20	8.21	≤23.98	PASS
		5745	9.07	93.24	0.30	9.37	≤29.97	PASS
		5785	9.21	91.90	0.37	9.58	≤29.97	PASS
		5825	8.84	91.90	0.37	9.21	≤29.97	PASS
11AC40SISO	Ant1	5190	8.50	84.07	0.75	9.25	≤23.98	PASS
		5230	8.38	69.85	1.56	9.94	≤23.98	PASS
		5755	8.90	84.07	0.75	9.65	≤29.97	PASS
		5795	8.92	85.59	0.68	9.60	≤29.97	PASS
11AC80SISO	Ant1	5210	8.40	73.02	1.37	9.77	≤23.98	PASS
		5775	8.17	75.41	1.23	9.40	≤29.97	PASS

6.13 Appendix D: Maximum power spectral density

6.13.1 Test Result

Test Result B1

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.25	≤11.00	PASS
		5200	3.57	≤11.00	PASS
		5240	-2.03	≤11.00	PASS
11N20SISO	Ant1	5180	-2.50	≤11.00	PASS
		5200	-2.23	≤11.00	PASS
		5240	-2.86	≤11.00	PASS
11N40SISO	Ant1	5190	-5.09	≤11.00	PASS
		5230	-3.64	≤11.00	PASS
11AC20SISO	Ant1	5180	-2.36	≤11.00	PASS
		5200	-1.91	≤11.00	PASS
		5240	-2.76	≤11.00	PASS
11AC40SISO	Ant1	5190	-4.87	≤11.00	PASS
		5230	-4.29	≤11.00	PASS
11AC80SISO	Ant1	5210	-6.51	≤11.00	PASS

Test Result B4

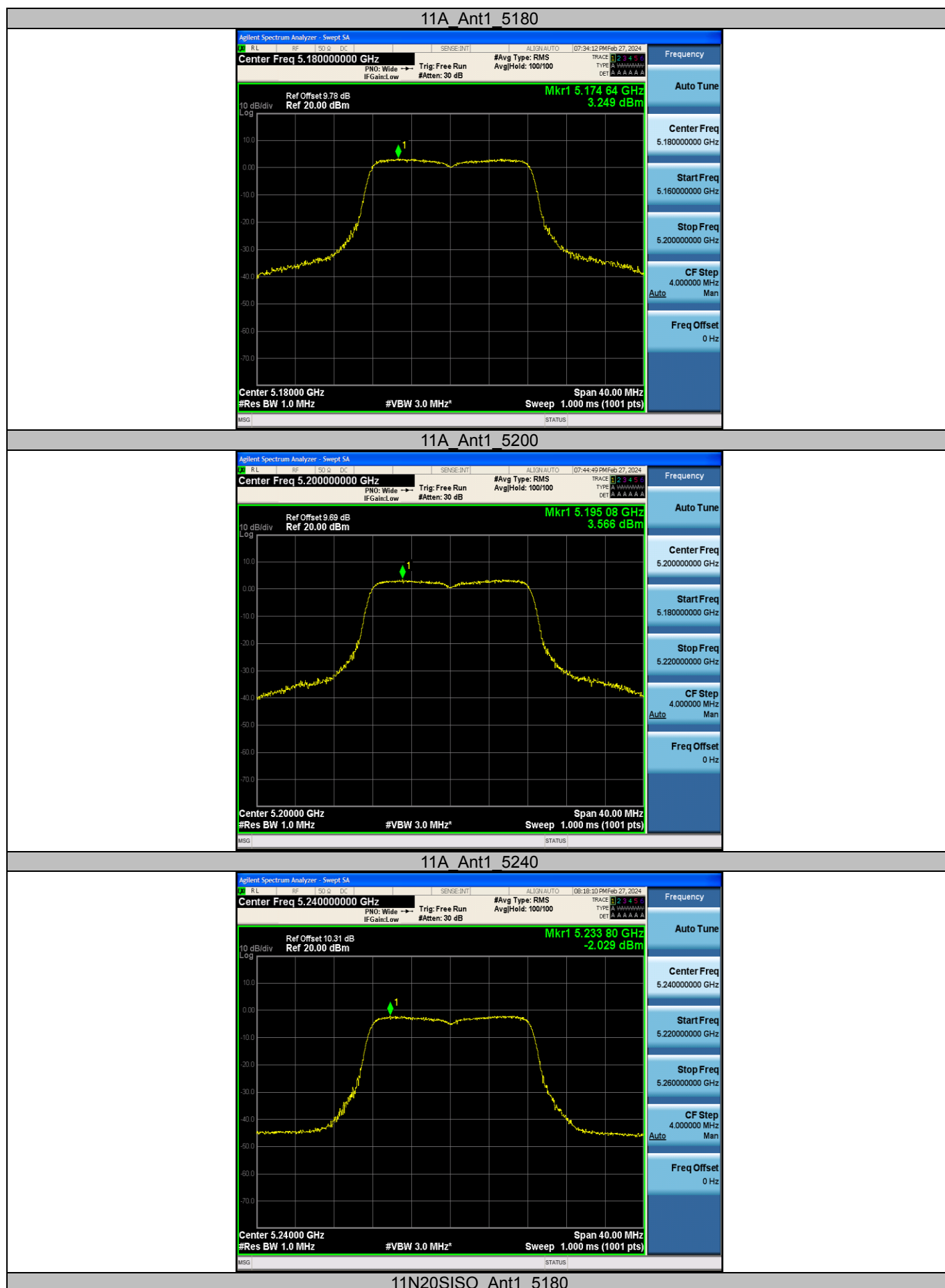
TestMode	Antenna	Frequency[MHz]	300kHz Result [dBm/MHz]	RBW Factor [dBm/MHz]	500kHz Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-5.41	2.22	-3.19	≤29.97	PASS
		5785	-4.80	2.22	-2.58	≤29.97	PASS
		5825	-4.15	2.22	-1.93	≤29.97	PASS
11N20SISO	Ant1	5745	-4.23	2.22	-2.01	≤29.97	PASS
		5785	-4.43	2.22	-2.21	≤29.97	PASS
		5825	-3.88	2.22	-1.66	≤29.97	PASS
11N40SISO	Ant1	5755	-6.48	2.22	-4.26	≤29.97	PASS
		5795	-6.92	2.22	-4.7	≤29.97	PASS
11AC20SISO	Ant1	5745	-4.50	2.22	-2.28	≤29.97	PASS
		5785	-4.53	2.22	-2.31	≤29.97	PASS
		5825	-4.99	2.22	-2.77	≤29.97	PASS
11AC40SISO	Ant1	5755	-7.00	2.22	-4.78	≤29.97	PASS
		5795	-7.33	2.22	-5.11	≤29.97	PASS
11AC80SISO	Ant1	5775	-9.31	2.22	-7.09	≤29.97	PASS

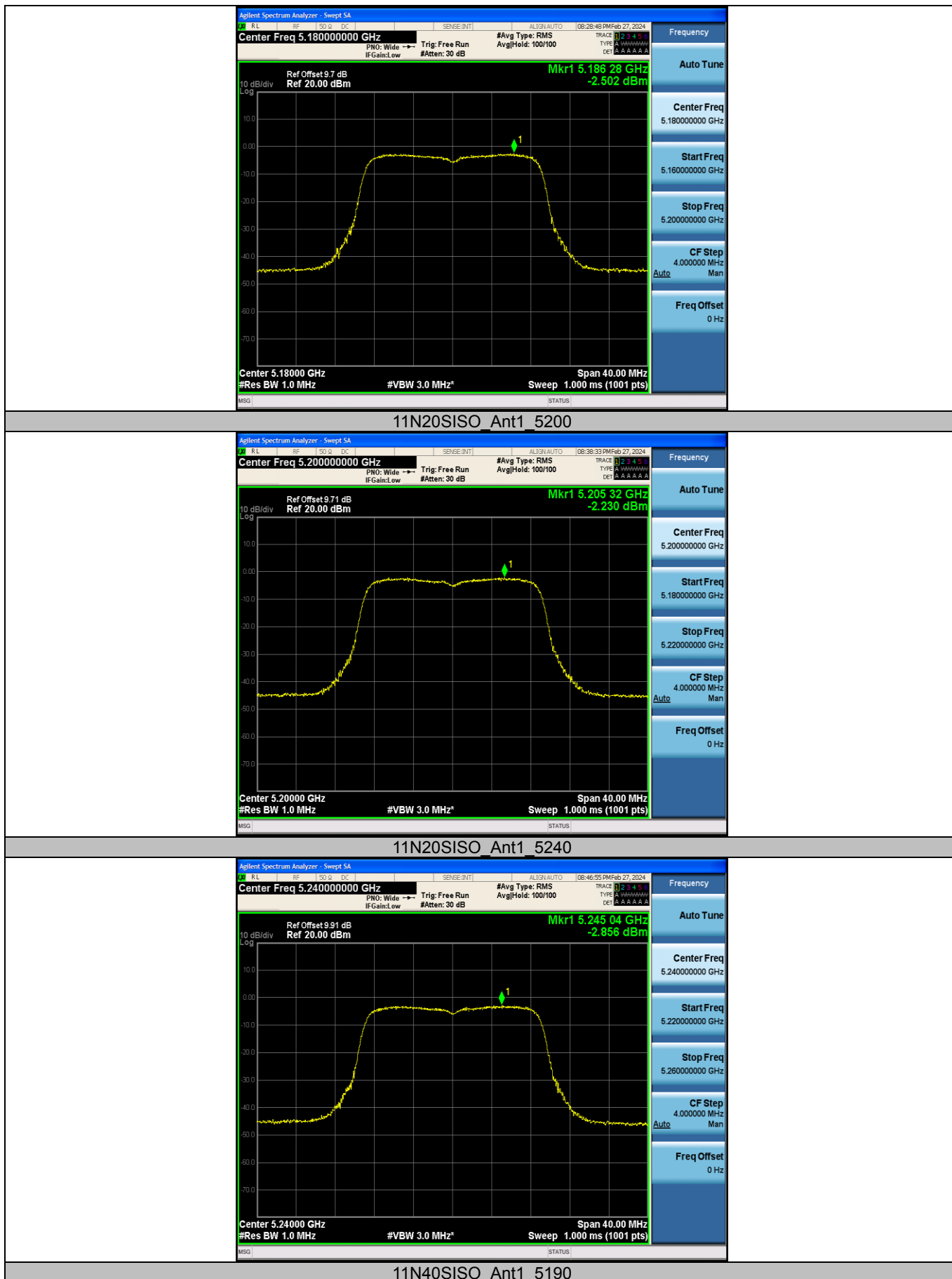
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

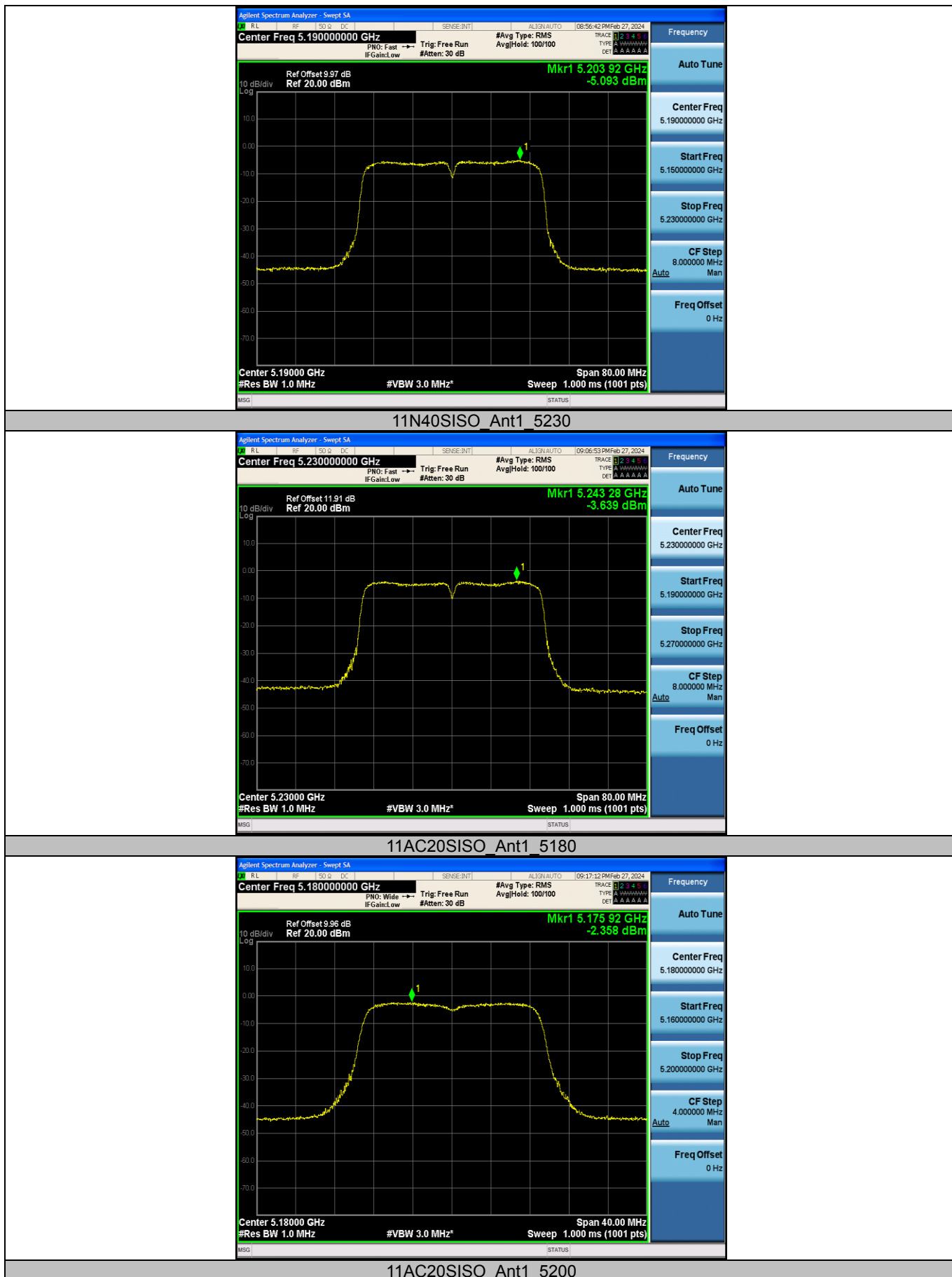
RBW Factor= $10 \cdot \log(500/300) = 2.22$

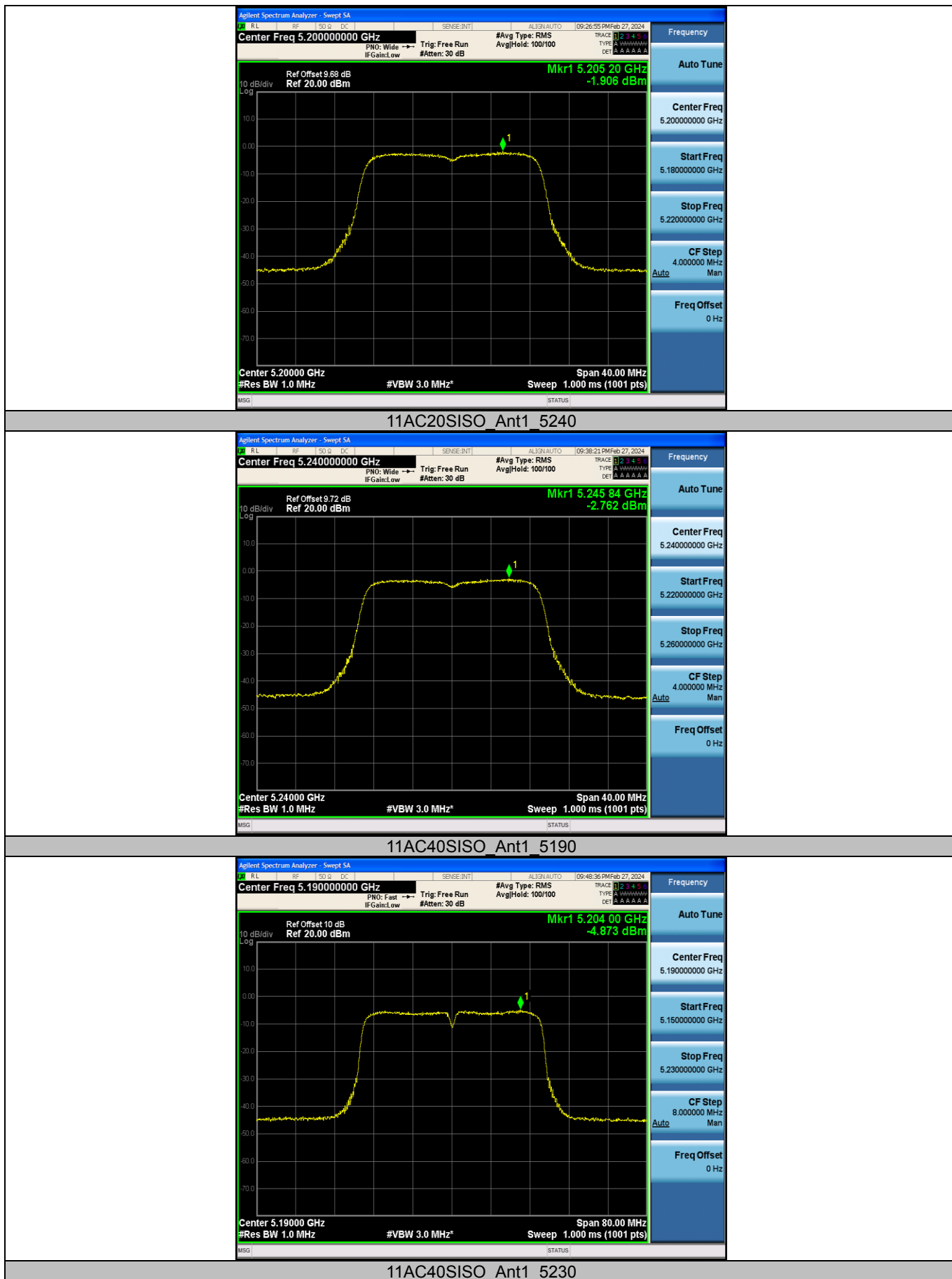
500kHz Result [dBm/MHz]= 300kHz Result [dBm/MHz]+ RBW Factor

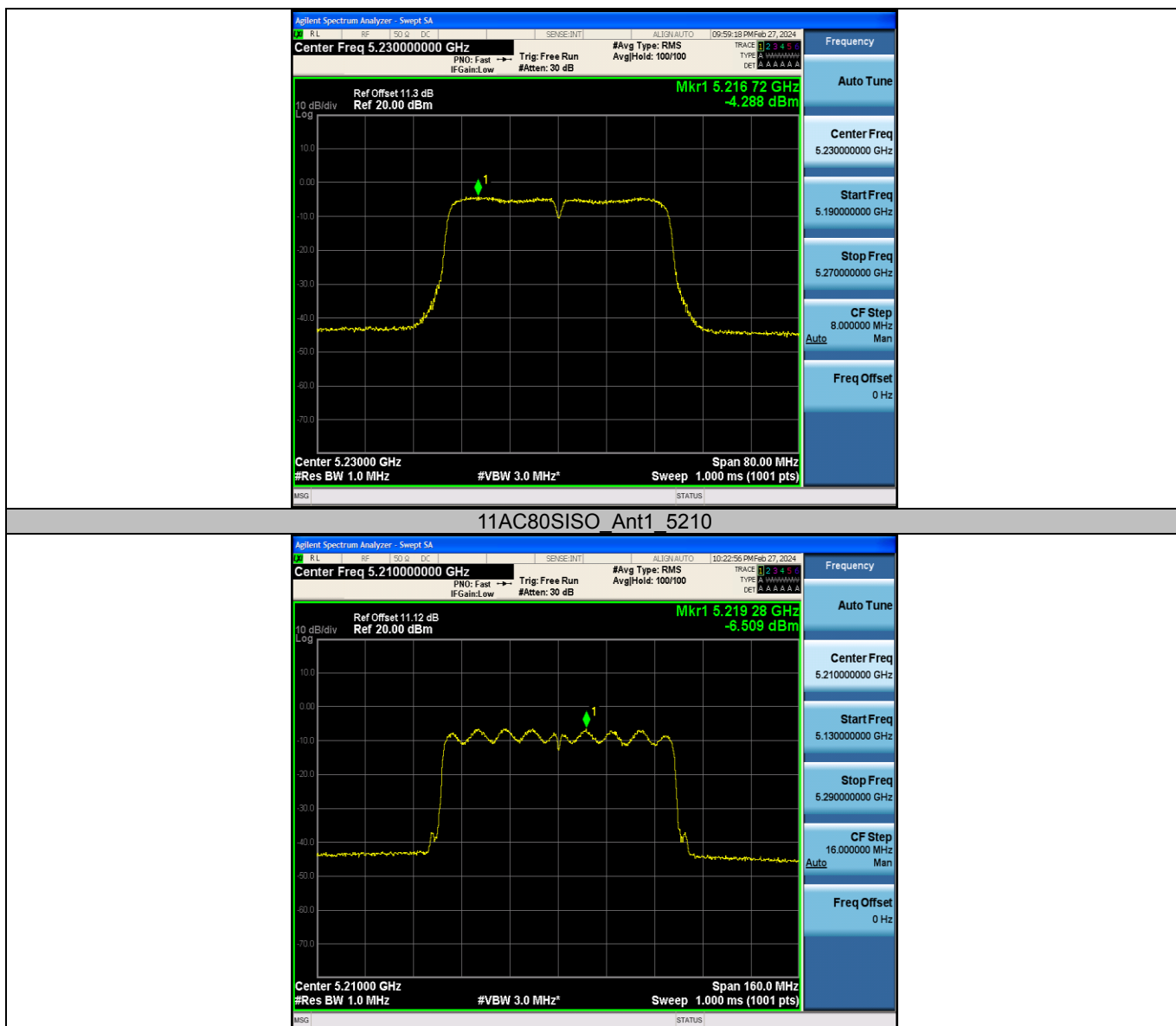
6.13.2 Test Graphs B1



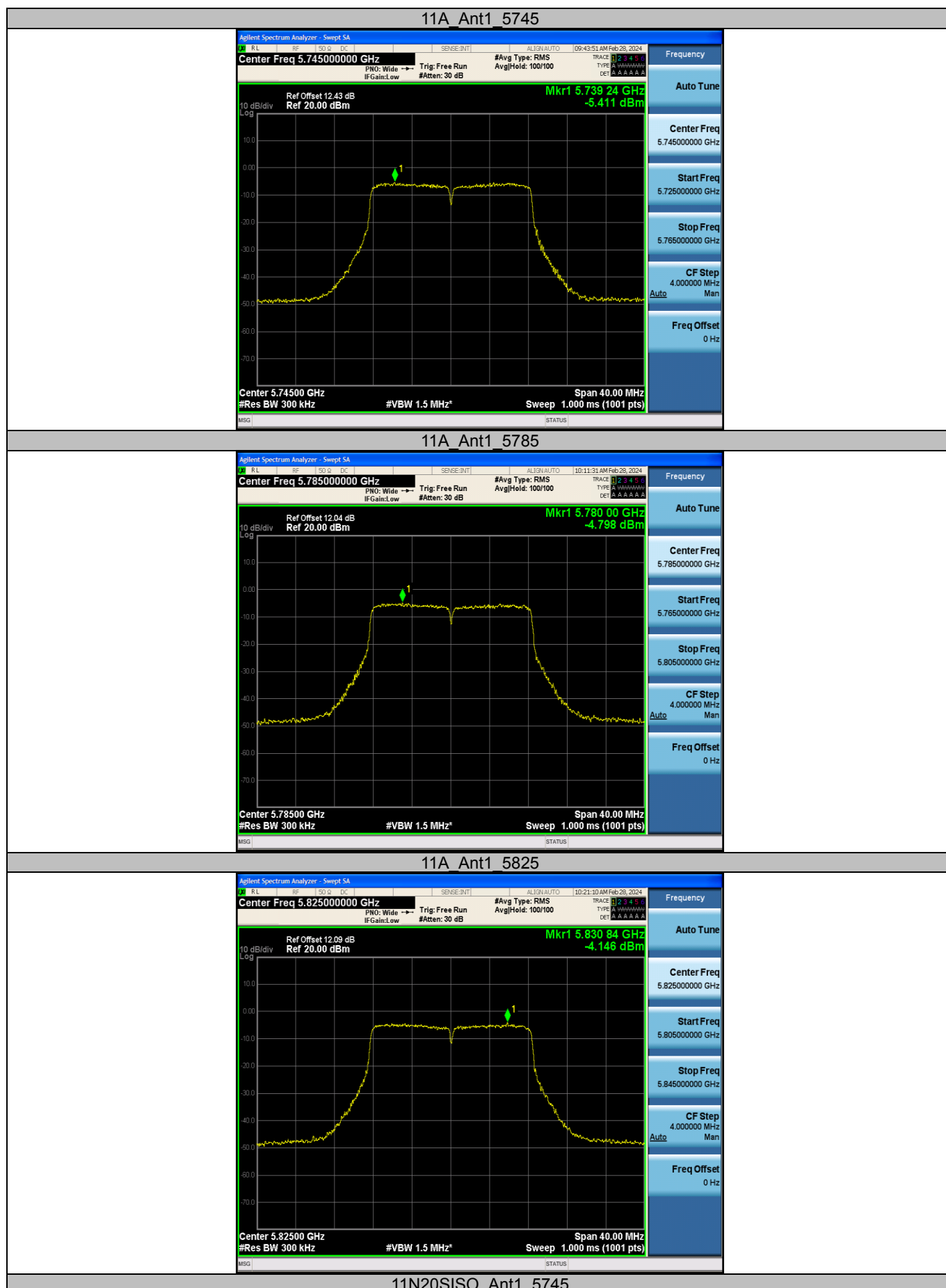


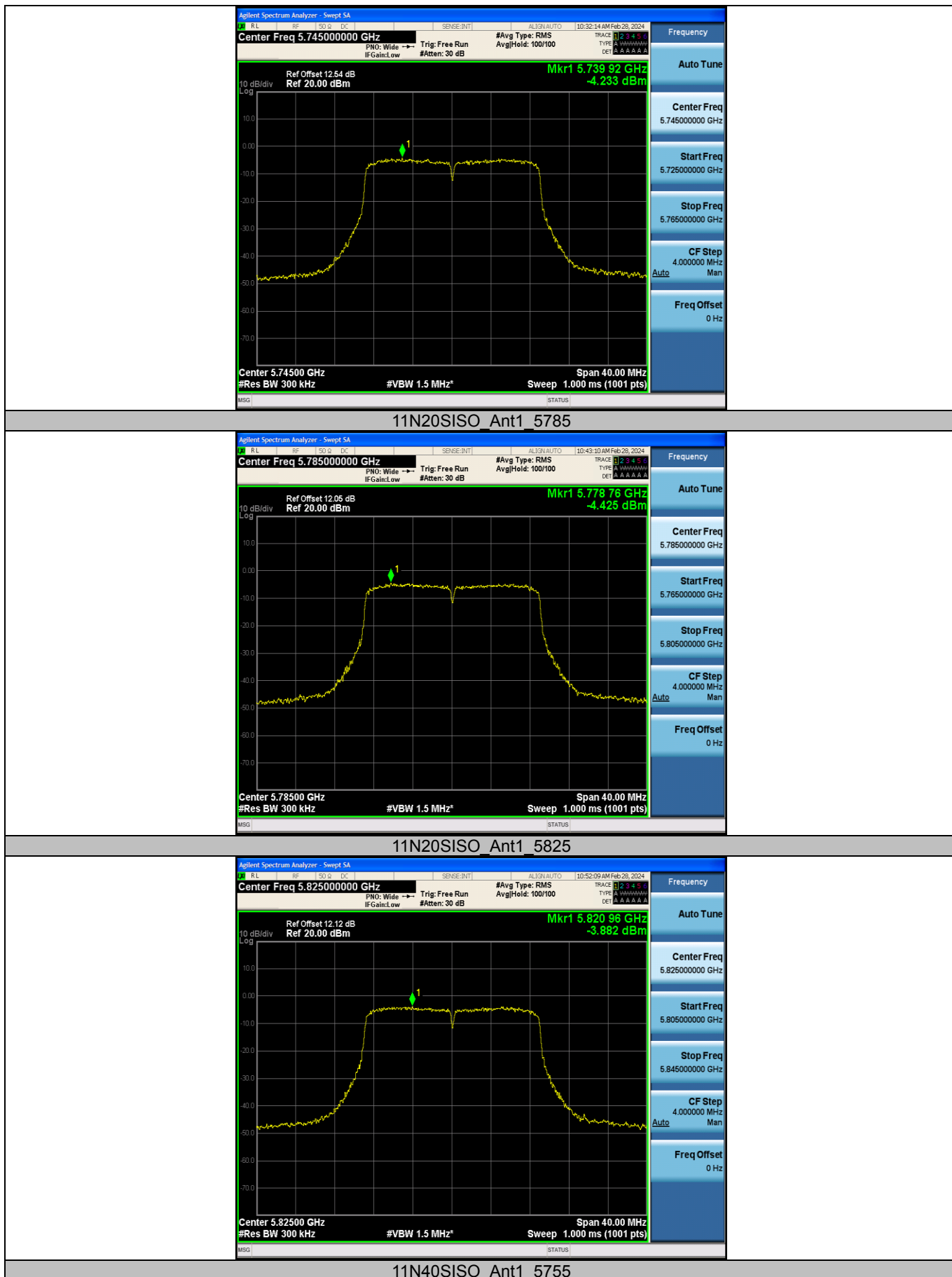


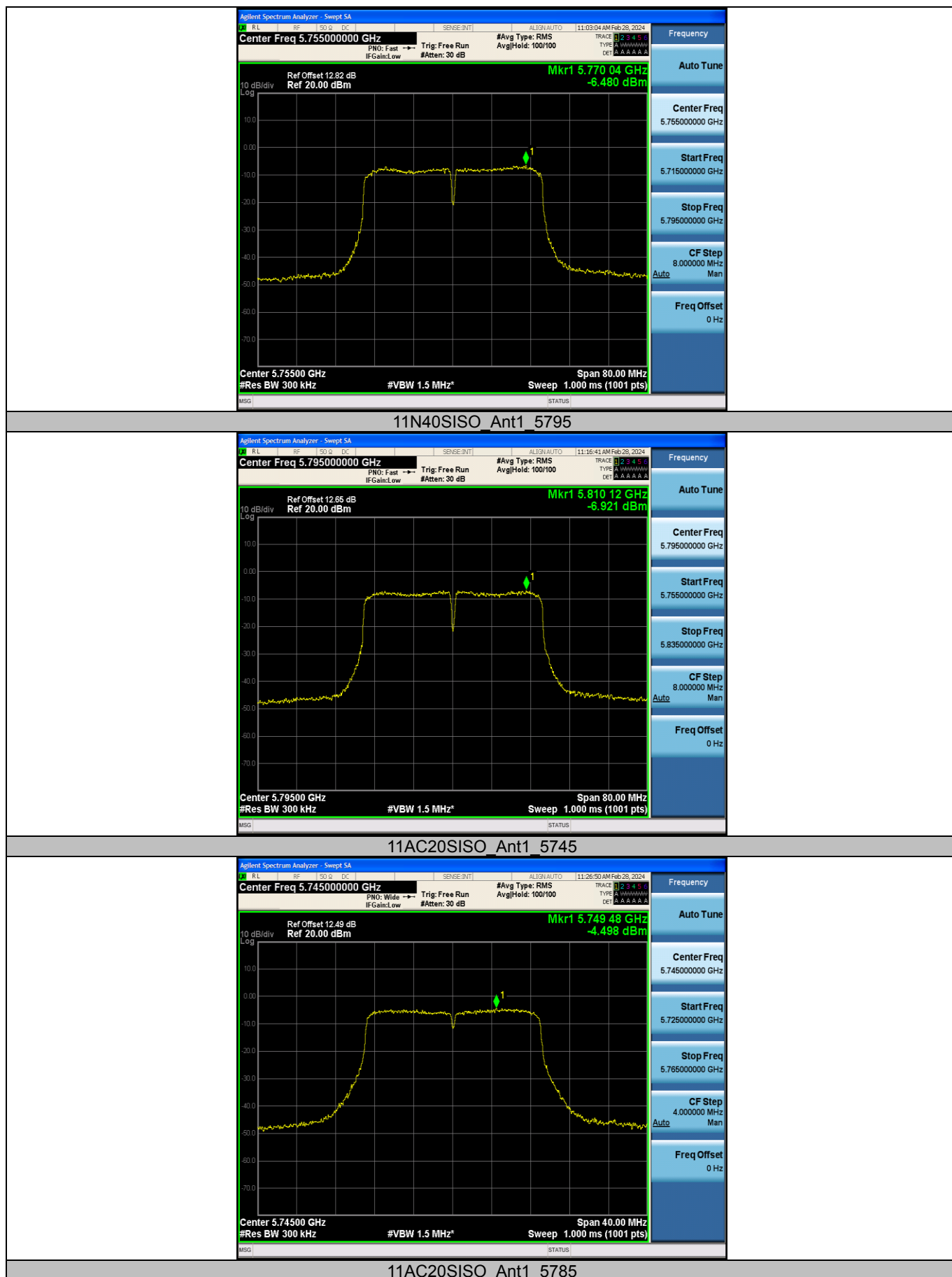


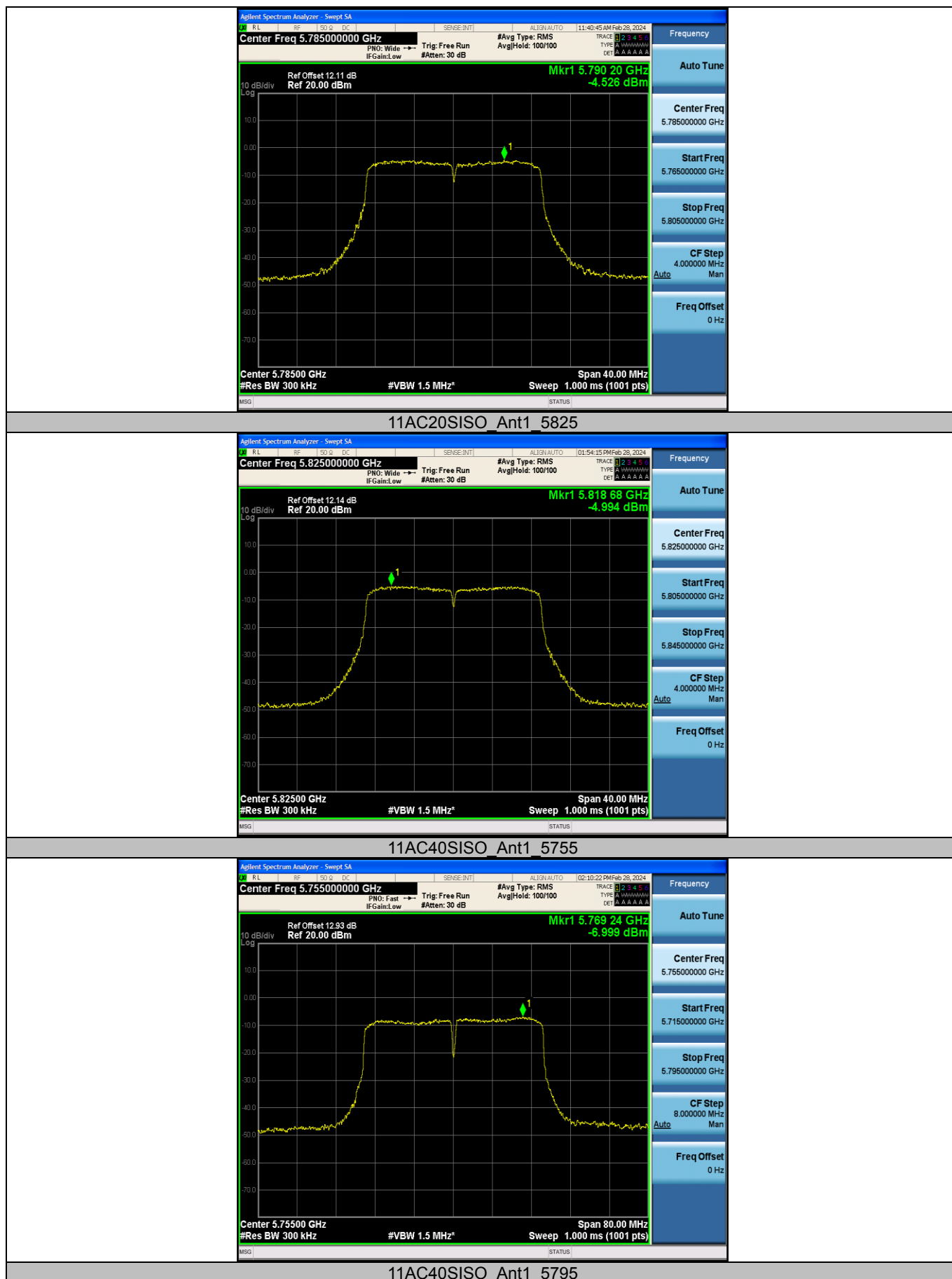


6.13.3 Test Graphs B4





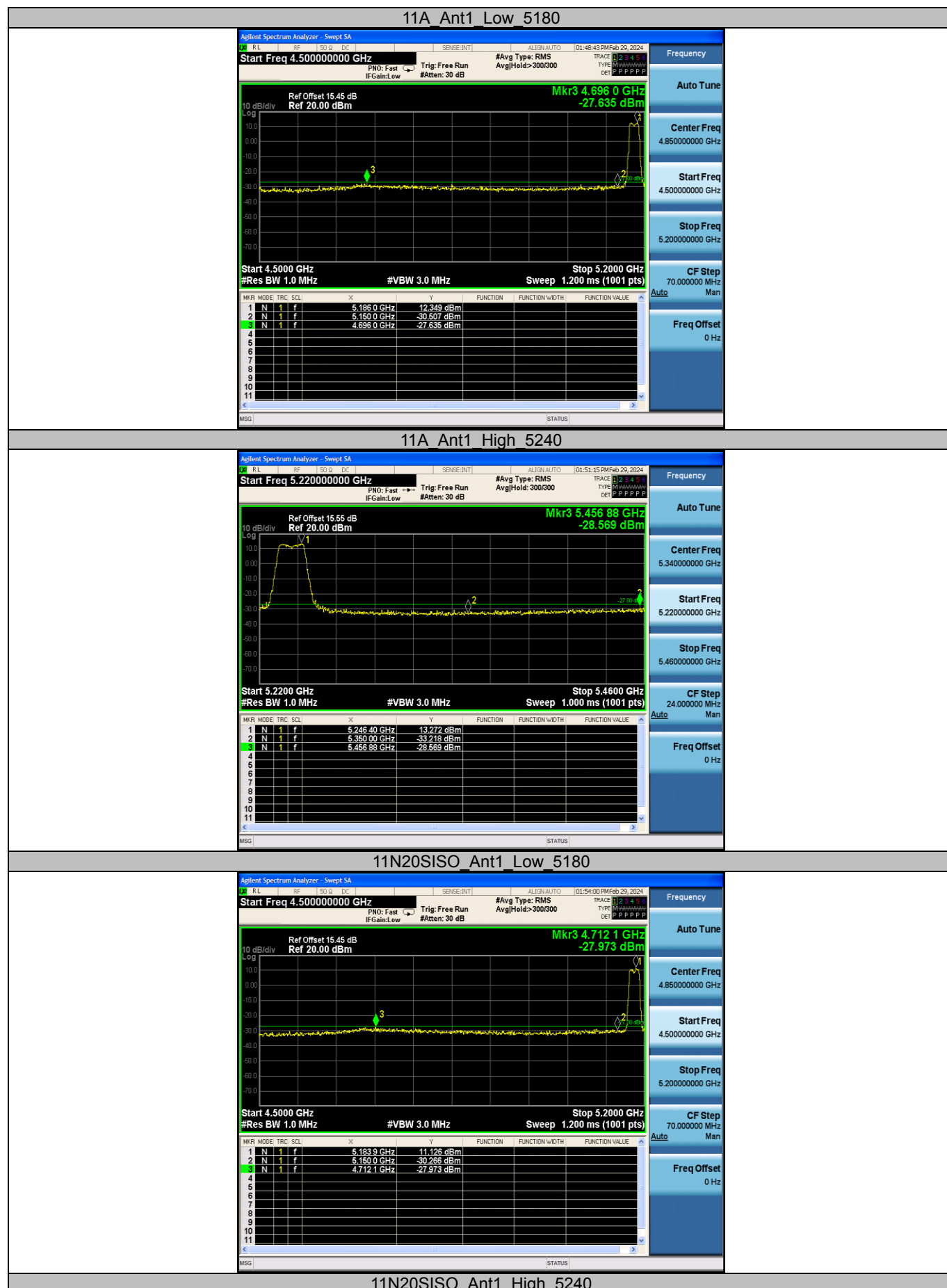


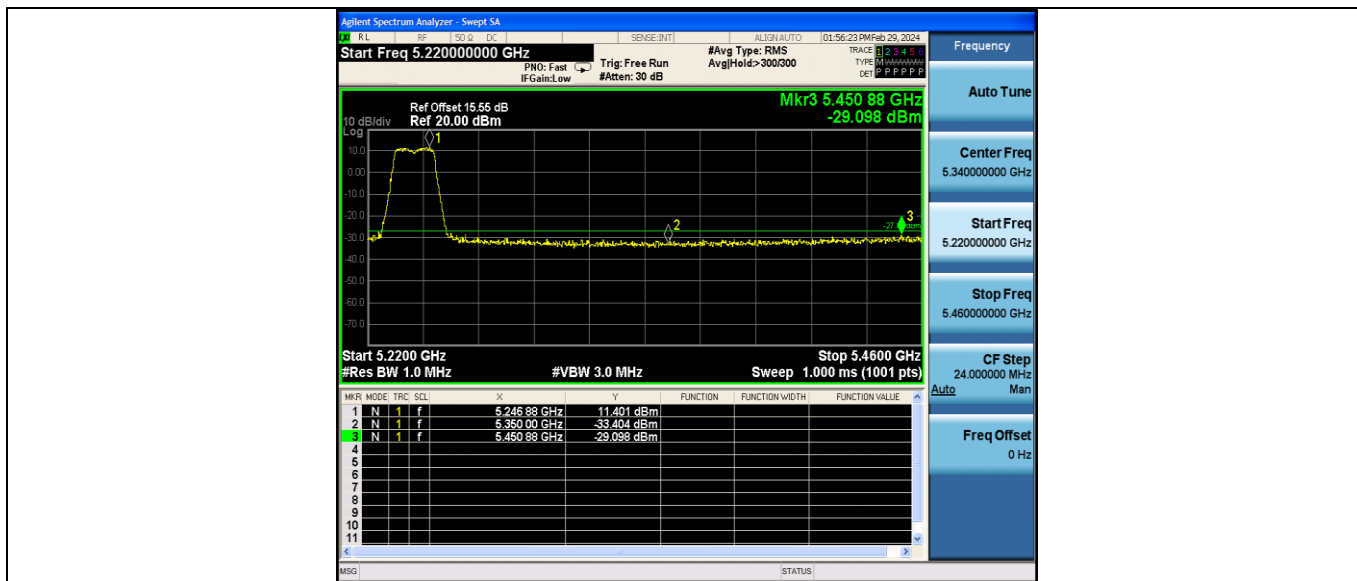




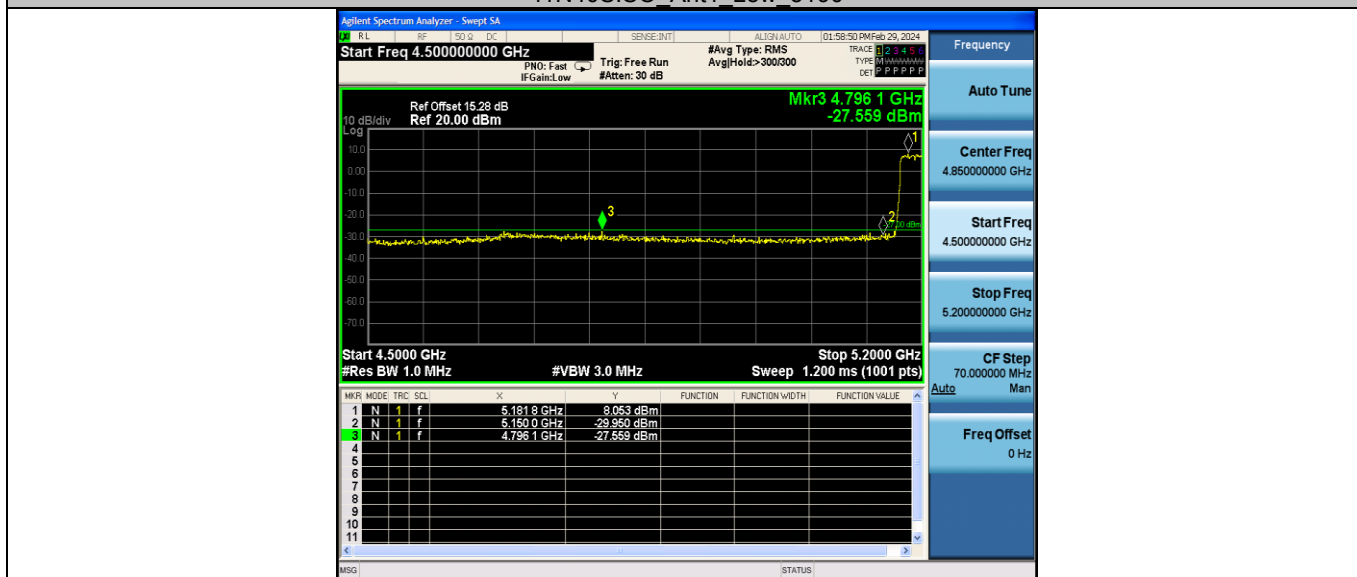
6.14 Appendix E: Band edge measurements

6.14.1 Test Graphs B1

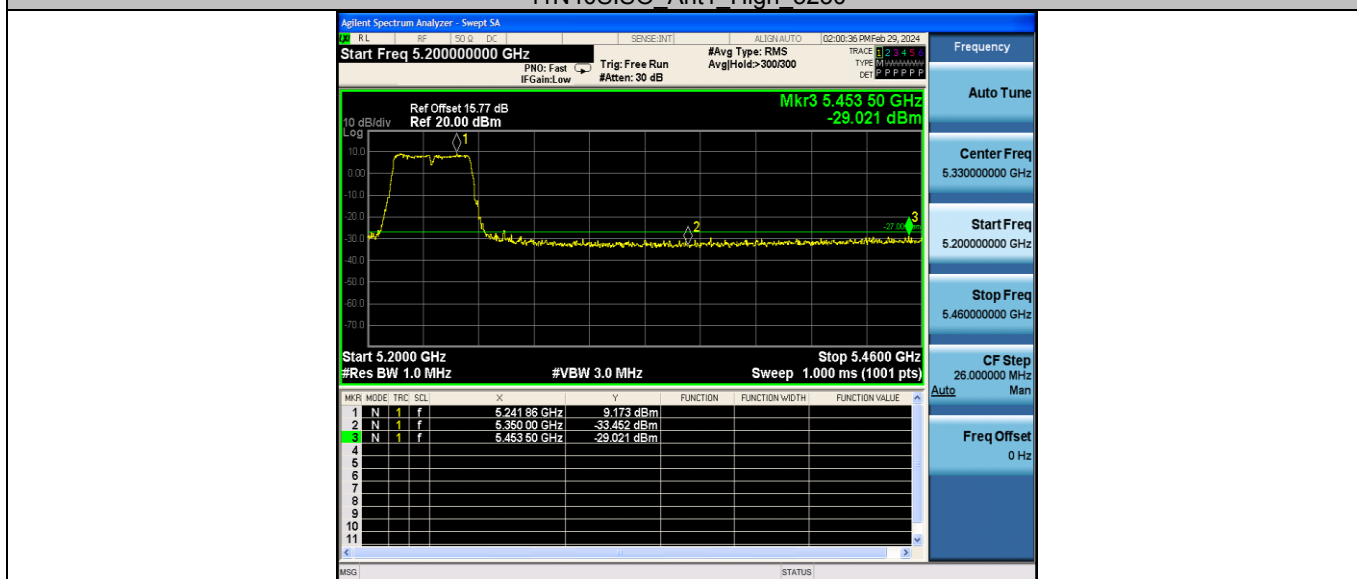




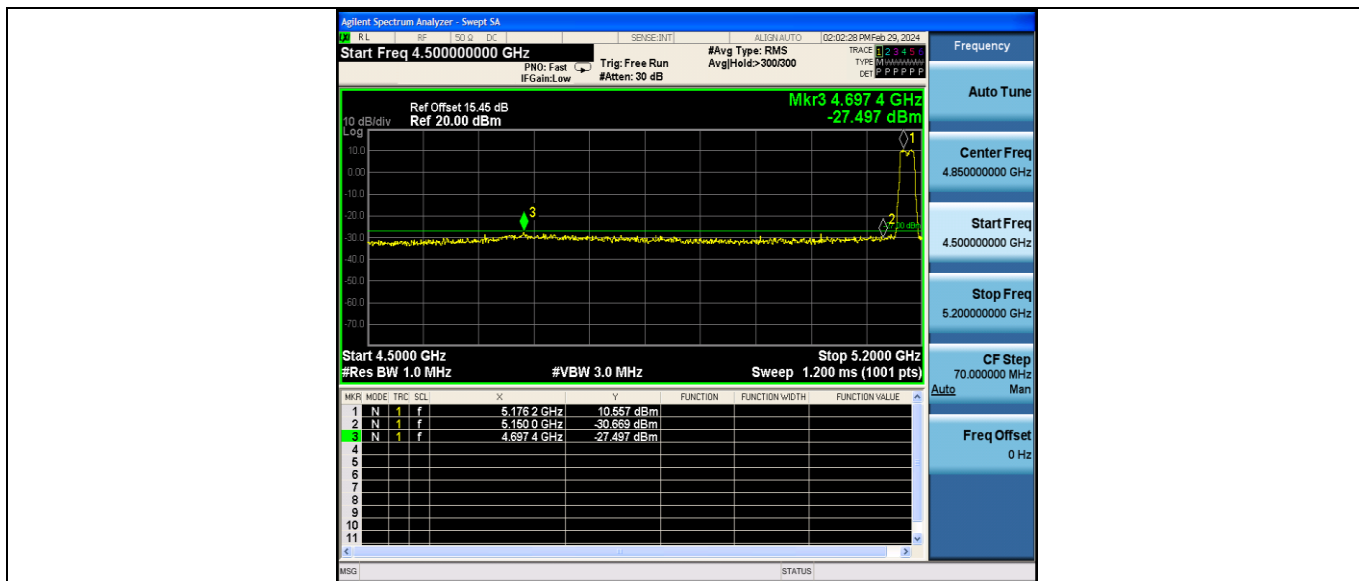
11N40SISO Ant1 Low 5190



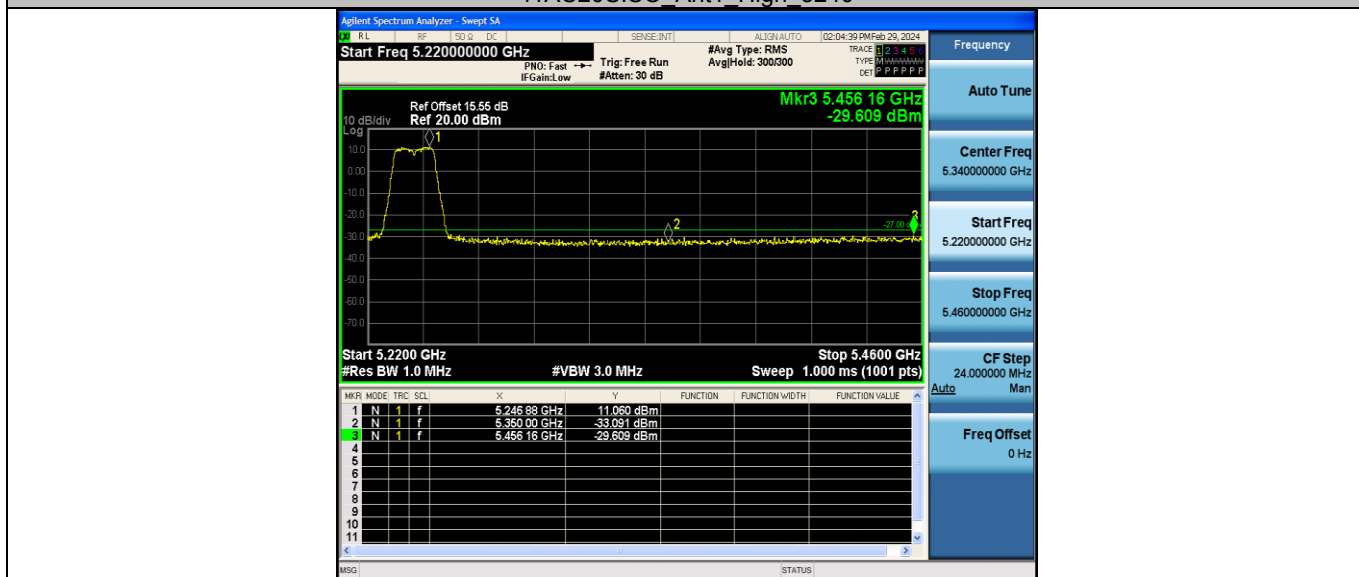
11N40SISO Ant1 High 5230



11AC20SISO Ant1 Low 5180



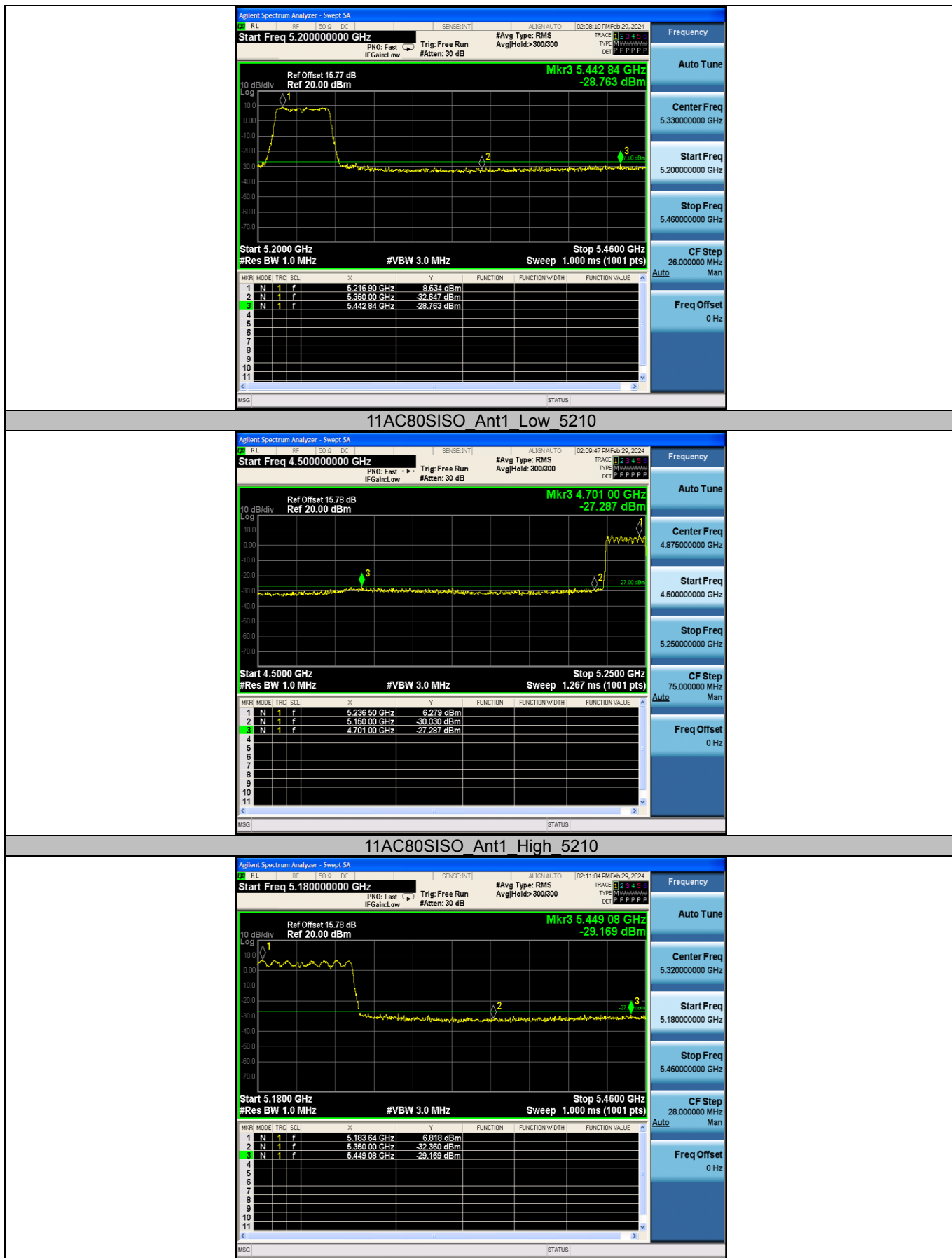
11AC20SISO Ant1 High 5240



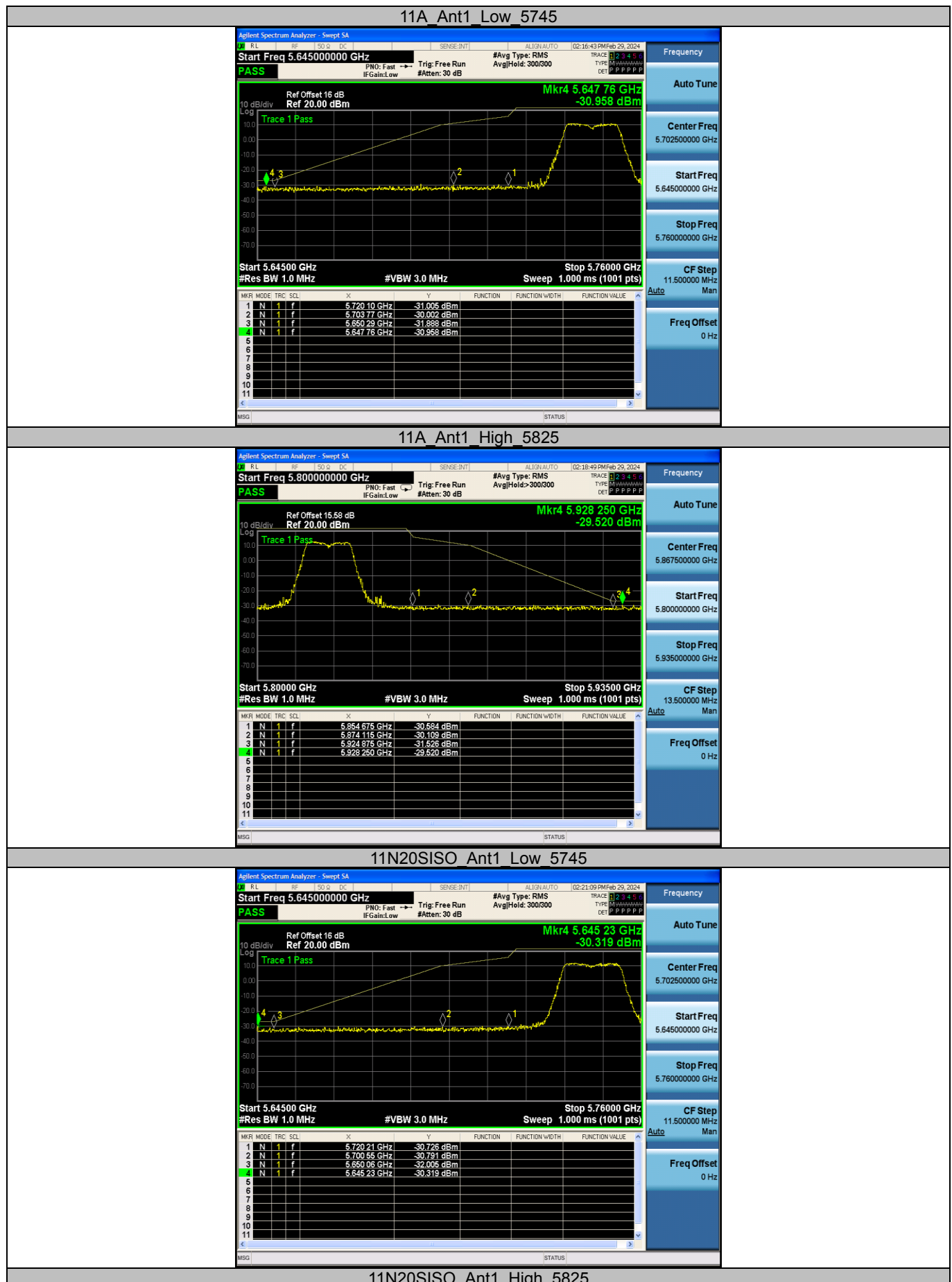
11AC40SISO Ant1 Low 5190



11AC40SISO Ant1 High 5230



6.14.2 Test Graphs B4





11N40SISO Ant1 Low 5755



11N40SISO Ant1 High 5795



11AC20SISO Ant1 Low 5745