

Case No. : <u>GTS20250603010-2-06</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2025.7.17-2025.8.7</u>	Test Engineer: <u>Evan ouyang</u>

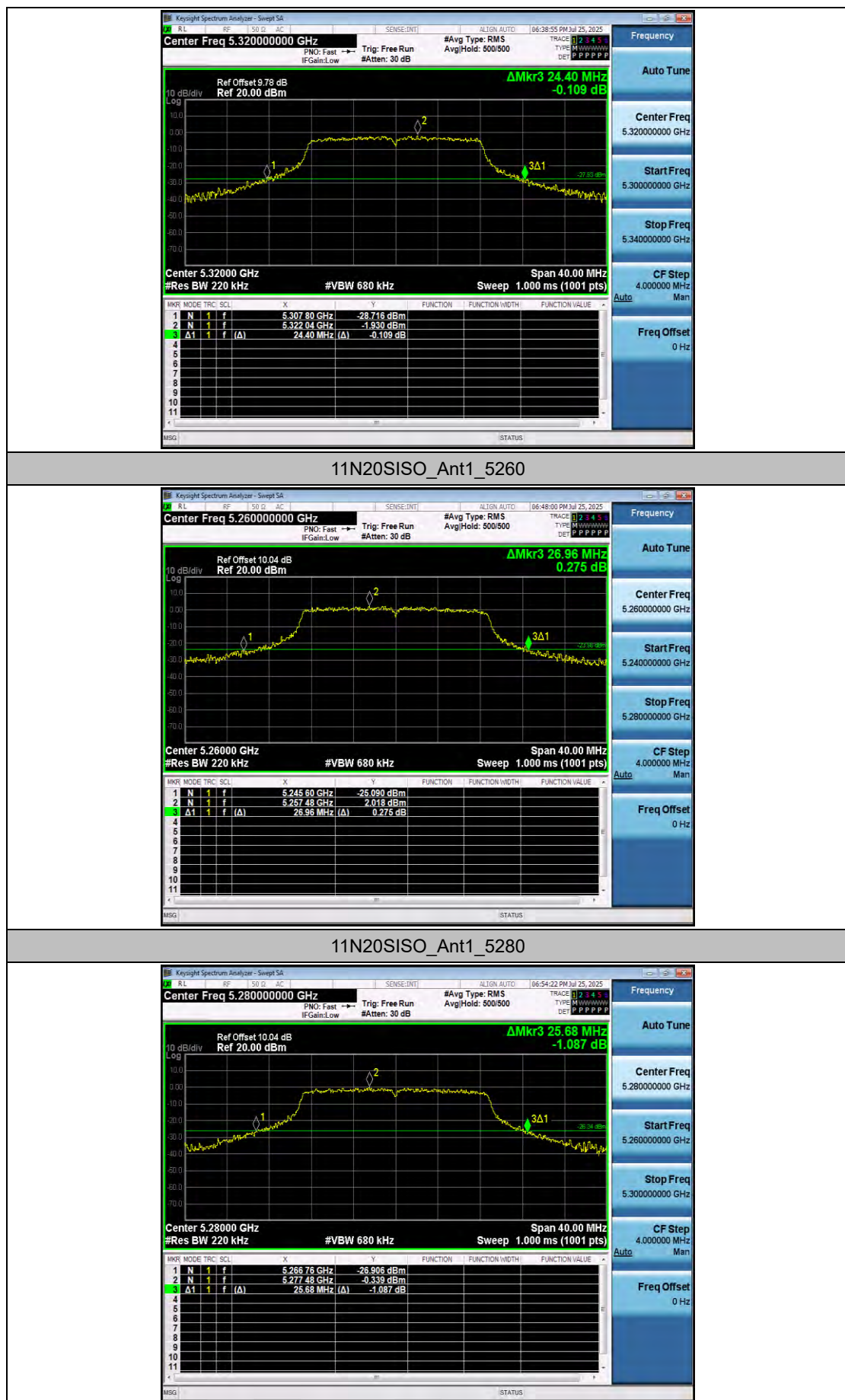
Appendix E.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	24.160	5247.720	5271.880	---	---
		5280	25.560	5266.200	5291.760	---	---
		5320	24.400	5307.800	5332.200	---	---
11N20SISO	Ant1	5260	26.960	5245.600	5272.560	---	---
		5280	25.680	5266.760	5292.440	---	---
		5320	25.720	5306.760	5332.480	---	---
11N40SISO	Ant1	5270	45.440	5246.480	5291.920	---	---
		5310	47.600	5286.400	5334.000	---	---
11AC20SISO	Ant1	5260	25.560	5247.000	5272.560	---	---
		5280	25.560	5266.840	5292.400	---	---
		5320	25.600	5307.320	5332.920	---	---
11AC40SISO	Ant1	5270	46.880	5245.680	5292.560	---	---
		5310	45.520	5287.440	5332.960	---	---
11AC80SISO	Ant1	5290	114.720	5219.280	5334.000	---	---
11AX20SISO	Ant1	5260	25.720	5246.920	5272.640	---	---
		5280	25.560	5267.040	5292.600	---	---
		5320	24.960	5307.760	5332.720	---	---
11AX40SISO	Ant1	5270	44.240	5246.960	5291.200	---	---
		5310	45.760	5287.760	5333.520	---	---
11AX80SISO	Ant1	5290	87.200	5246.160	5333.360	---	---

Test Graphs





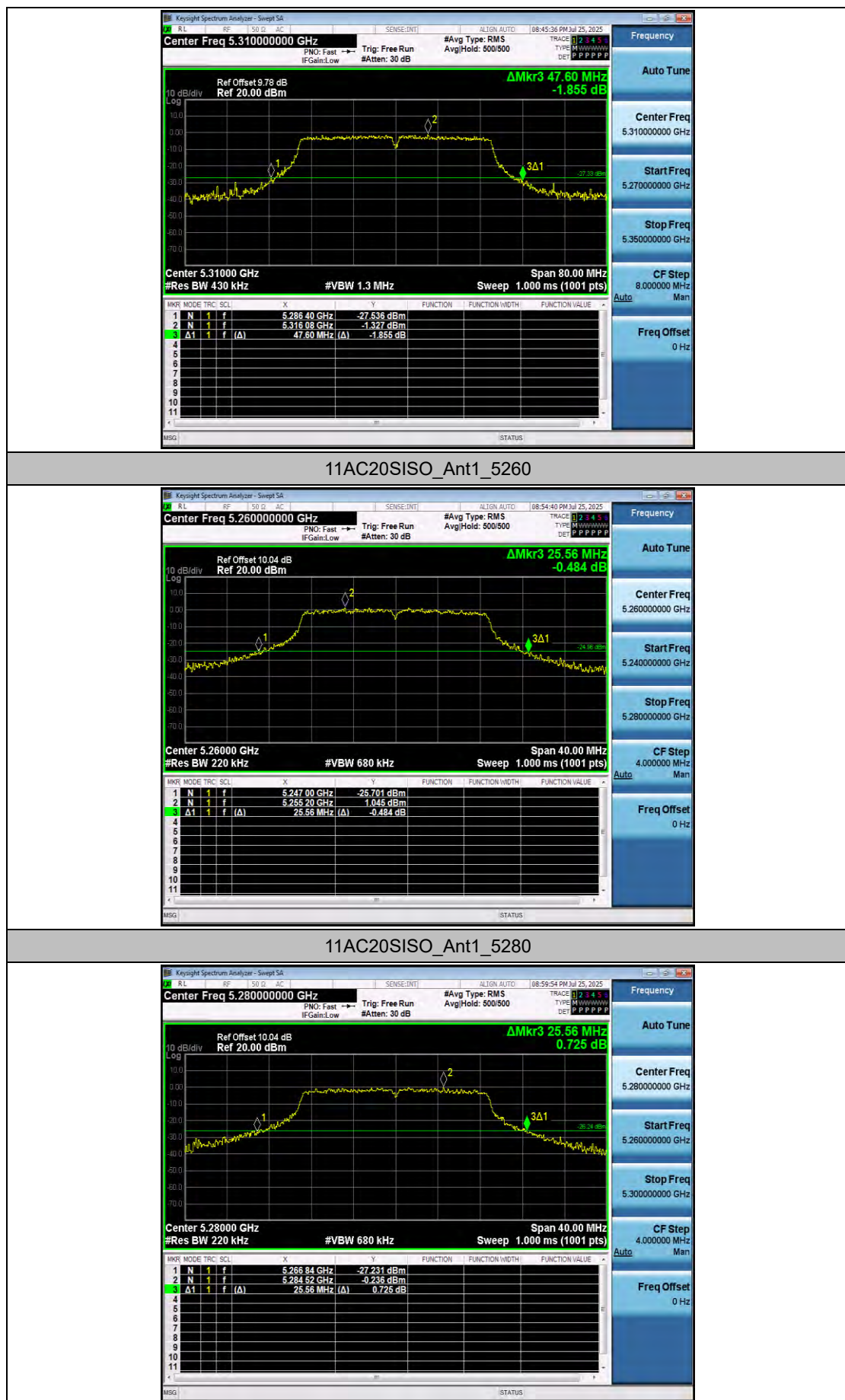
11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



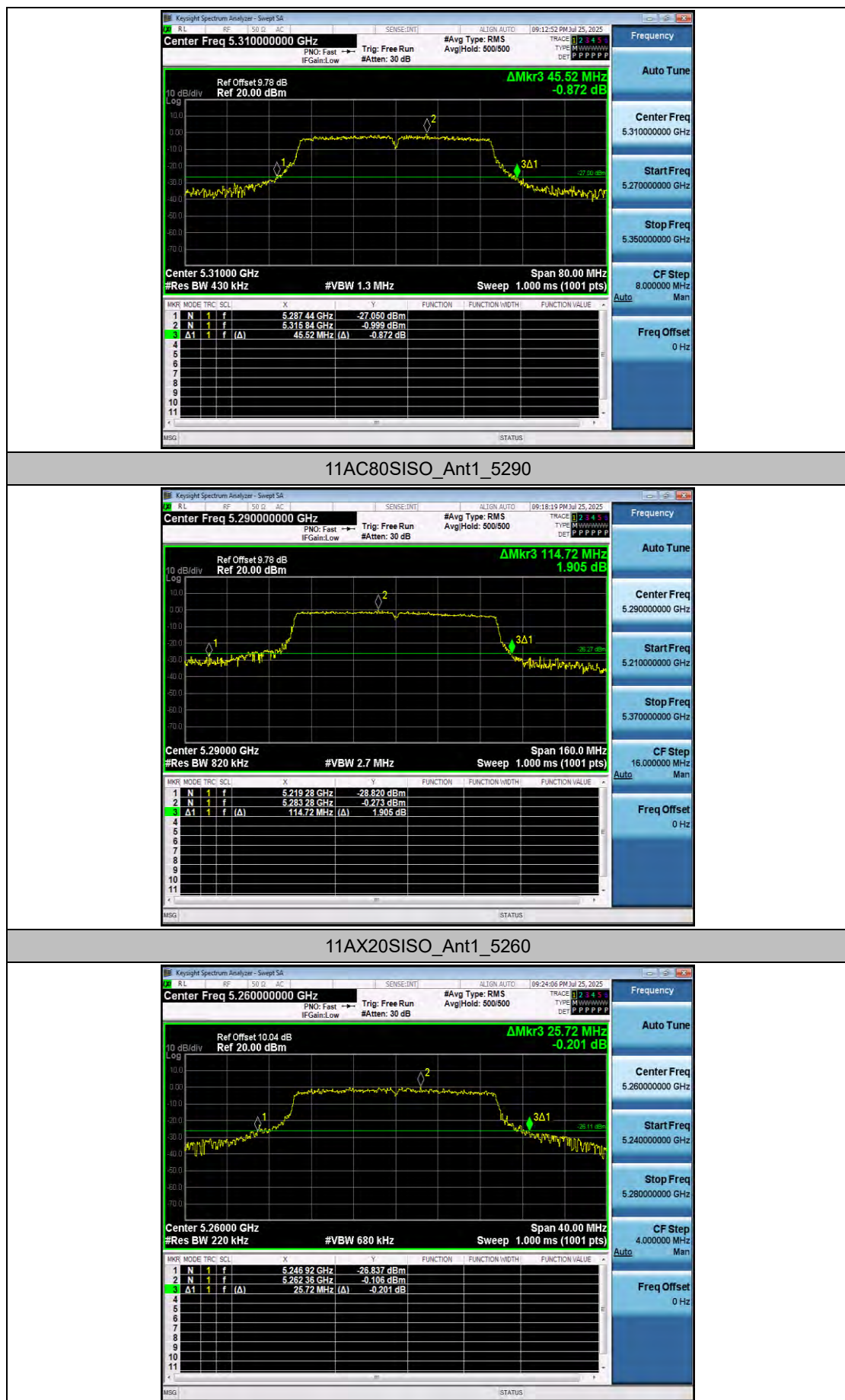
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



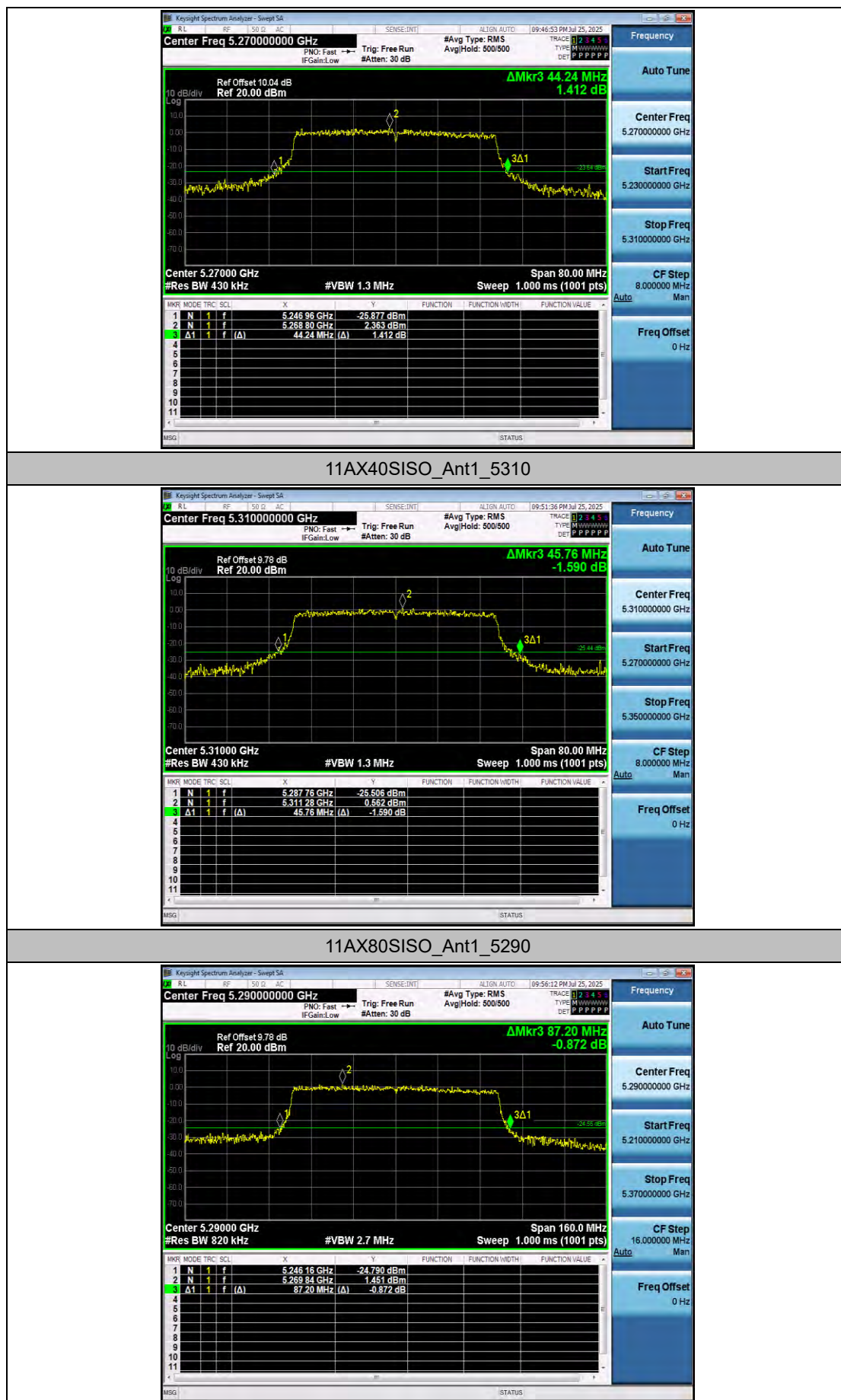
11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270

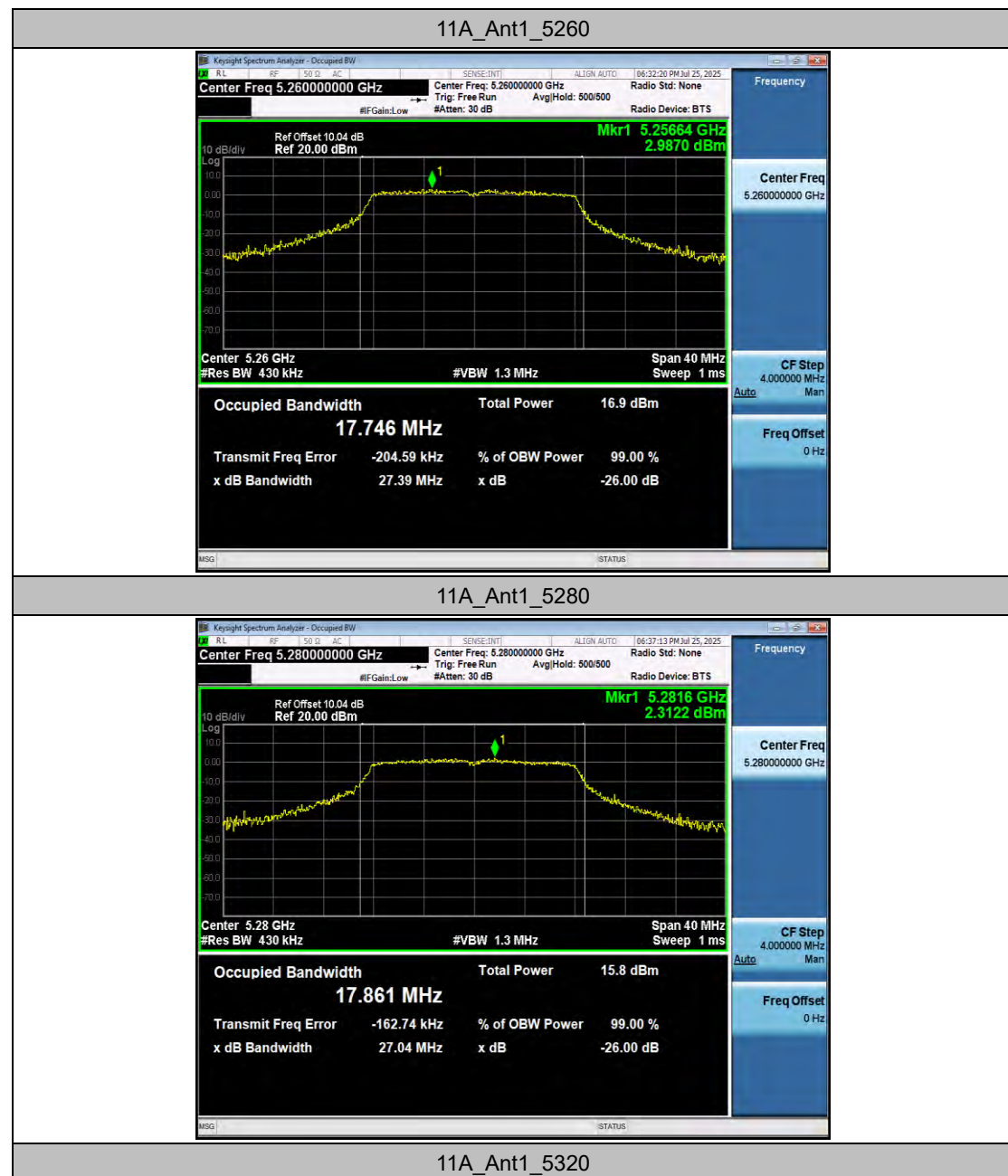


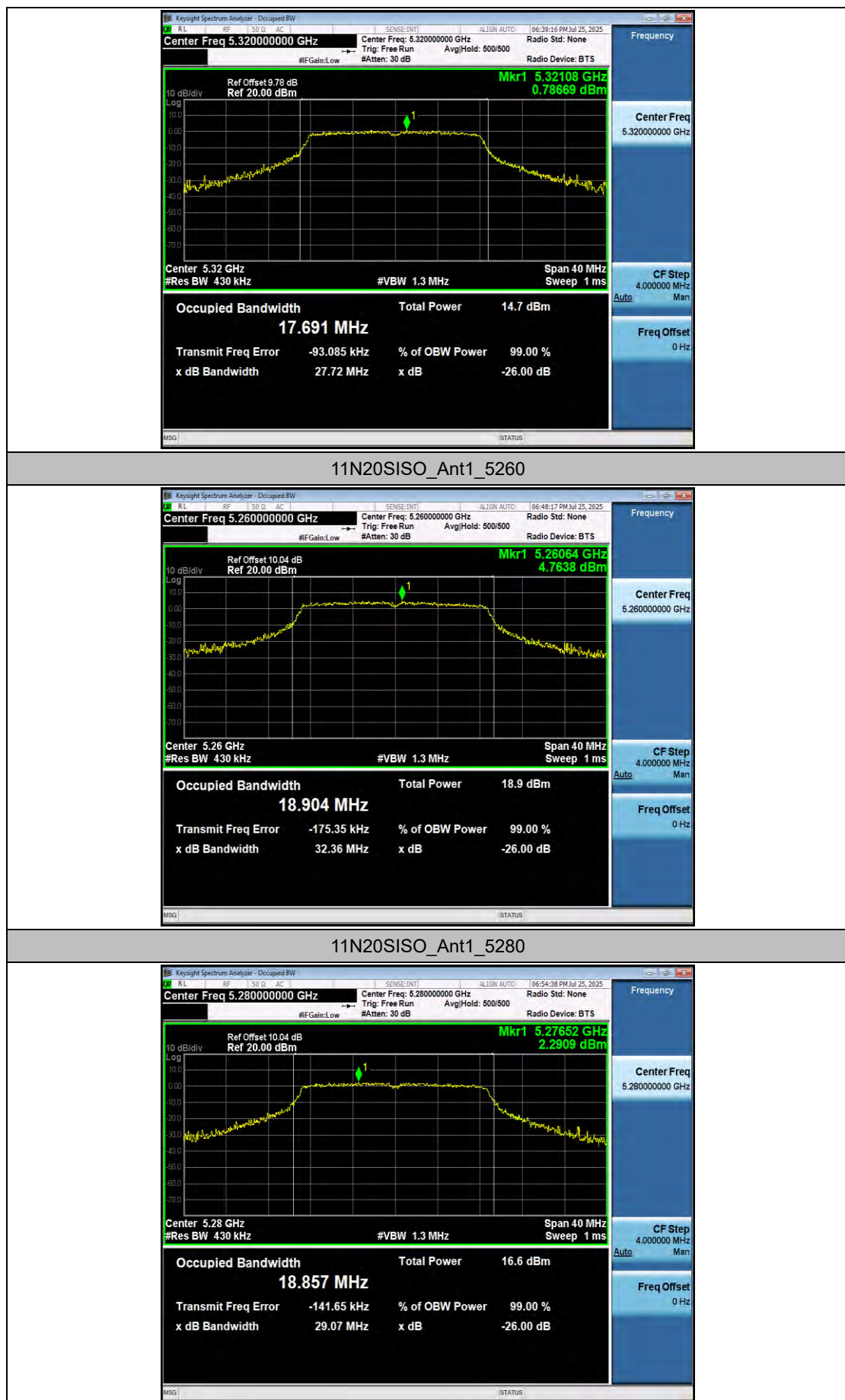
Appendix E.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	17.746	5250.9224	5268.6684	---	---
		5280	17.861	5270.9068	5288.7678	---	---
		5320	17.691	5311.0614	5328.7524	---	---
11N20SISO	Ant1	5260	18.904	5250.3727	5269.2767	---	---
		5280	18.857	5270.4299	5289.2869	---	---
		5320	18.875	5310.5527	5329.4277	---	---
11N40SISO	Ant1	5270	37.331	5251.1070	5288.4380	---	---
		5310	37.218	5291.3495	5328.5675	---	---
11AC20SISO	Ant1	5260	18.760	5250.4566	5269.2166	---	---
		5280	18.826	5270.4835	5289.3095	---	---
		5320	18.878	5310.5102	5329.3882	---	---
11AC40SISO	Ant1	5270	37.314	5251.1021	5288.4161	---	---
		5310	37.356	5291.2549	5328.6109	---	---
11AC80SISO	Ant1	5290	76.743	5251.2581	5328.0011	---	---
11AX20SISO	Ant1	5260	19.440	5250.1888	5269.6288	---	---
		5280	19.479	5270.1791	5289.6581	---	---
		5320	19.584	5310.2048	5329.7888	---	---
11AX40SISO	Ant1	5270	38.353	5250.6307	5288.9837	---	---
		5310	38.287	5290.8022	5329.0892	---	---
11AX80SISO	Ant1	5290	78.179	5250.6932	5328.8722	---	---

Test Graphs

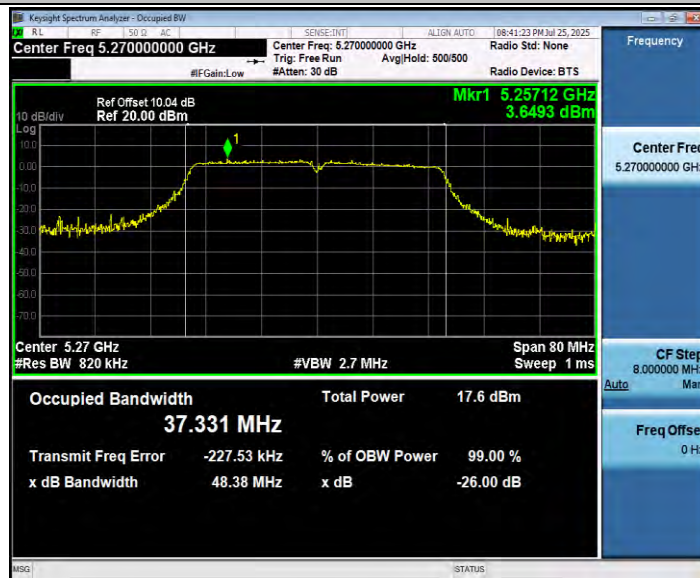




11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



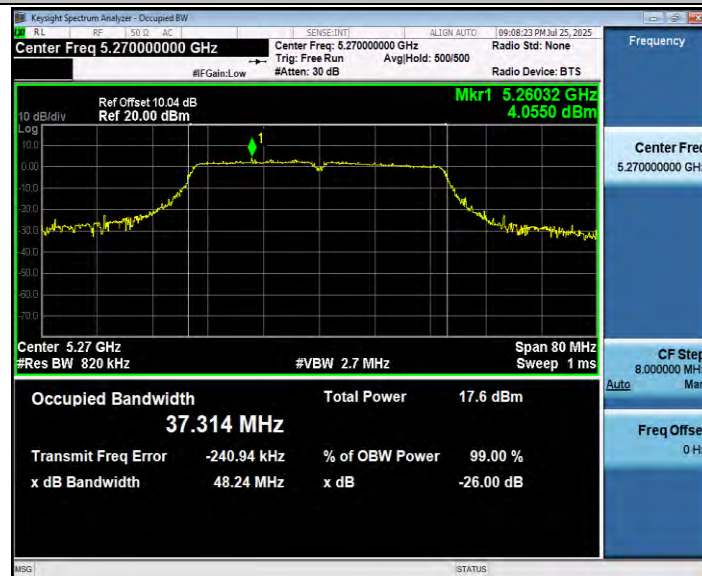
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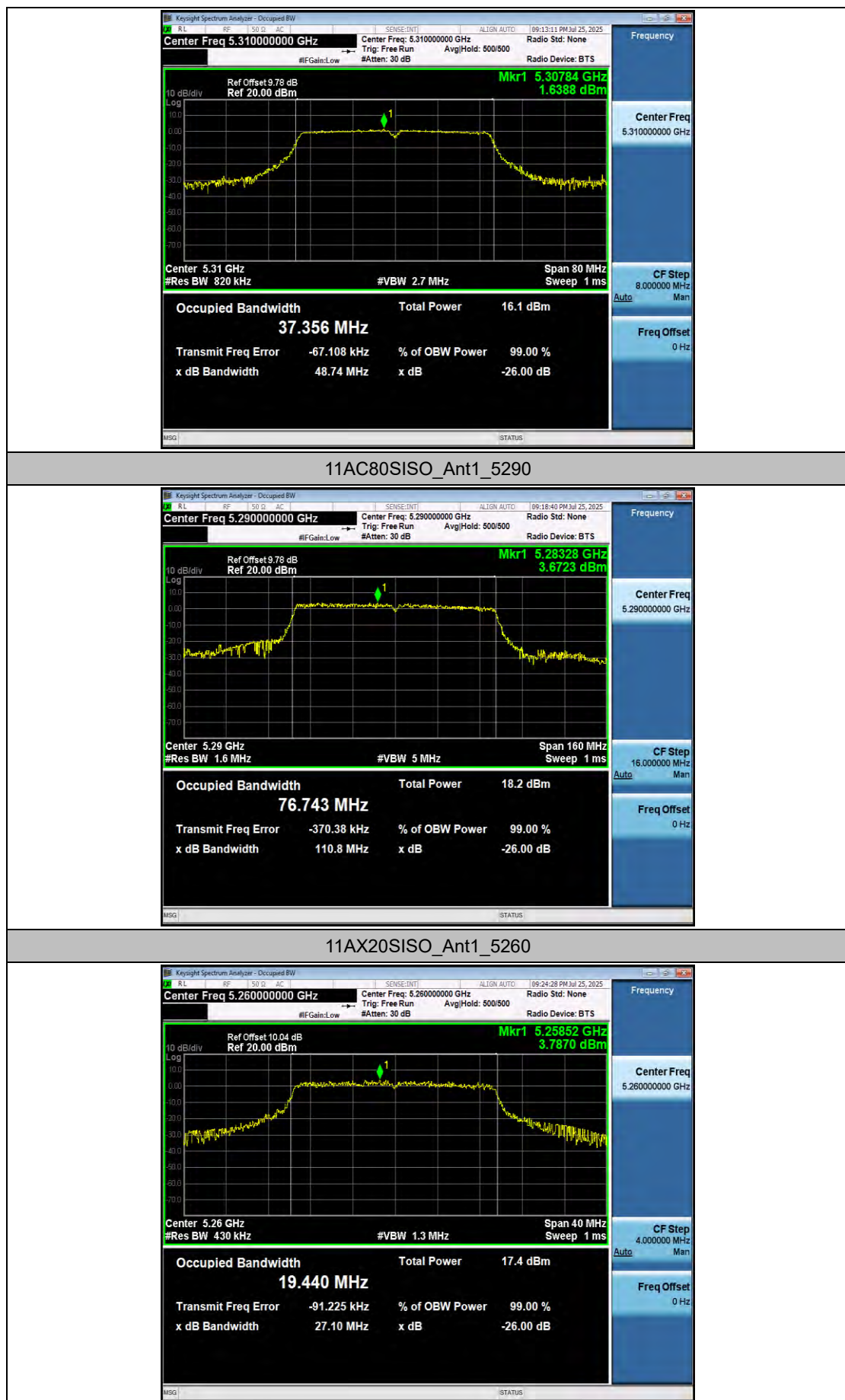
11AC20SISO_Ant1_5320



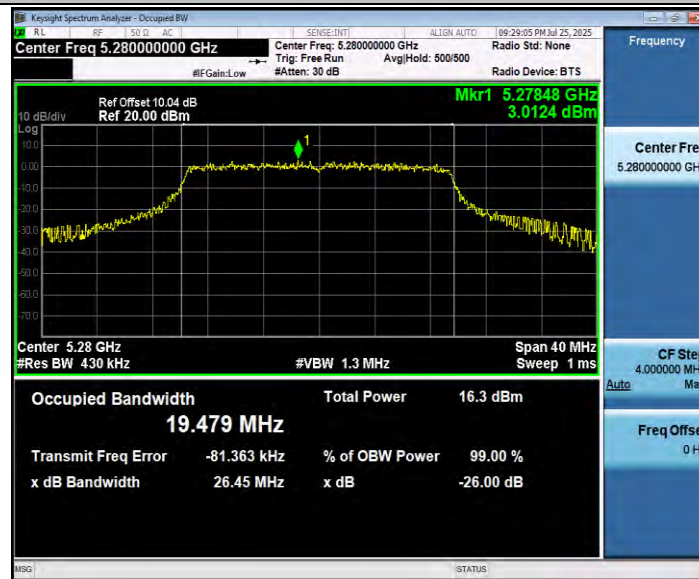
11AC40SISO_Ant1_5270



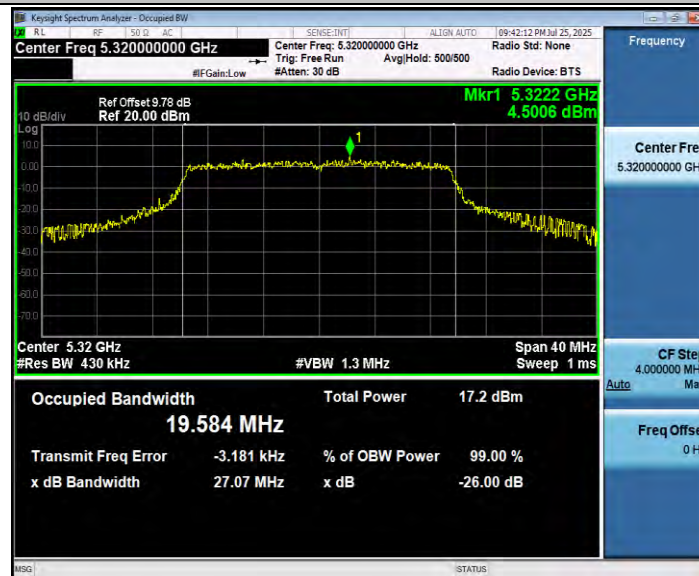
11AC40SISO_Ant1_5310



11AX20SISO_Ant1_5280



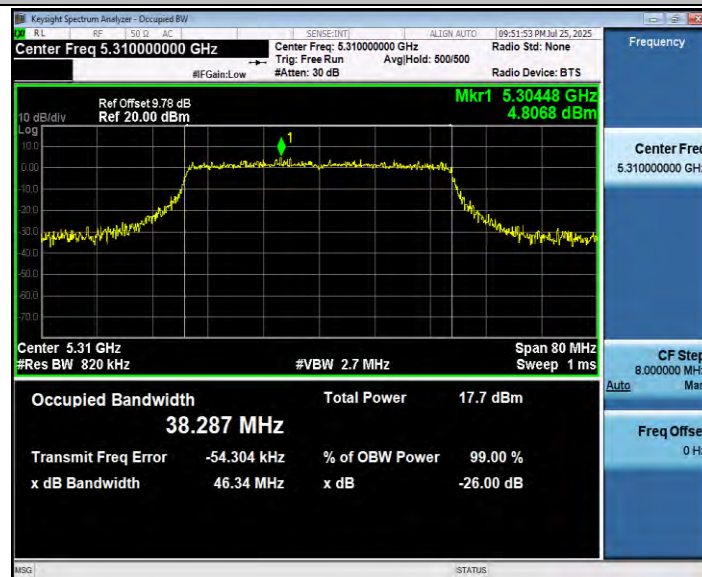
11AX20SISO_Ant1_5320



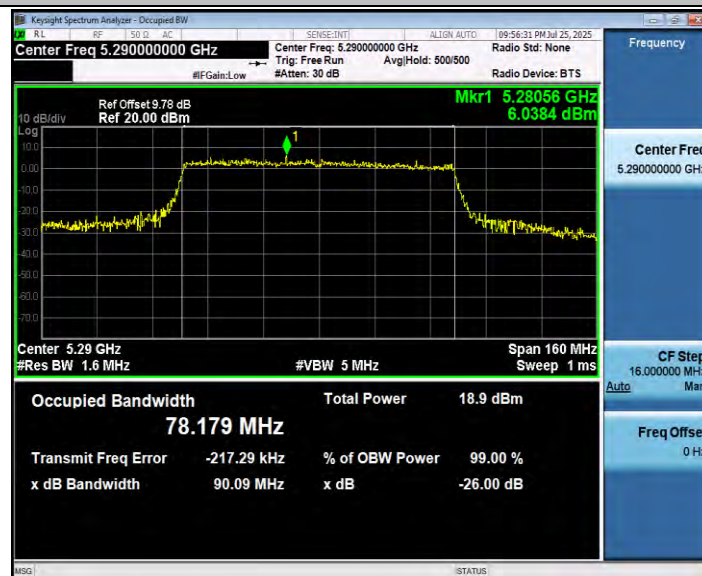
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

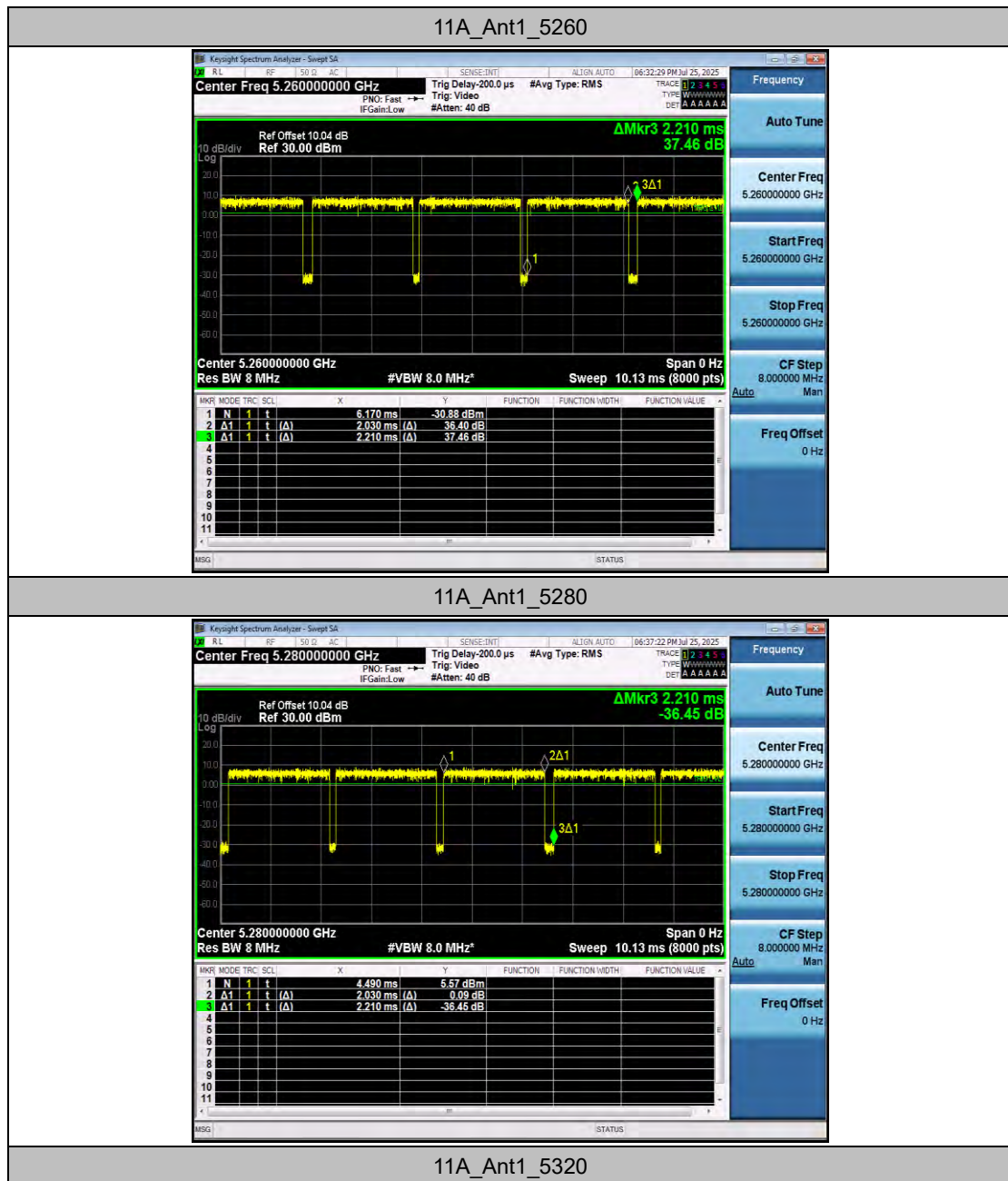


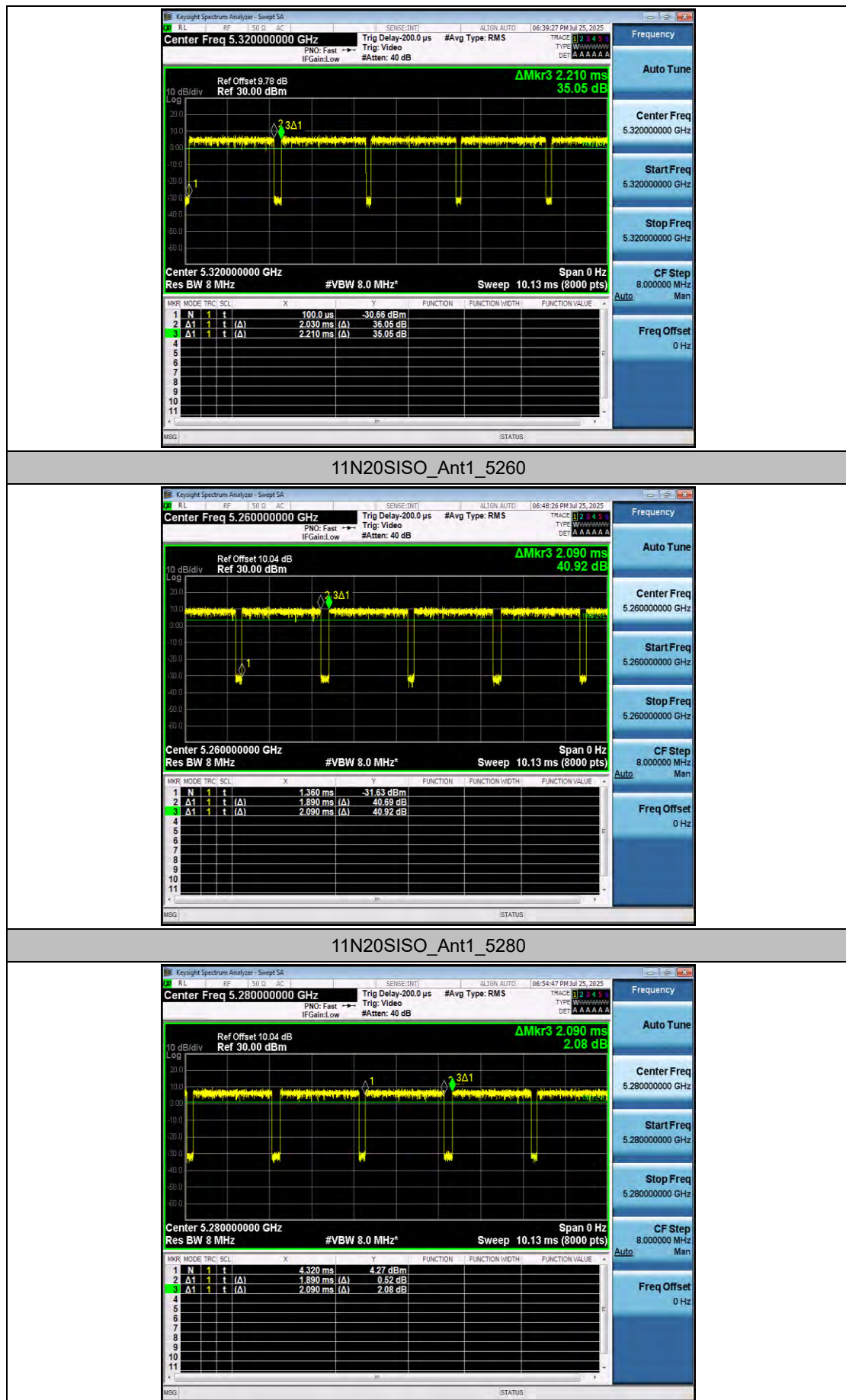
Appendix E.3: Duty Cycle

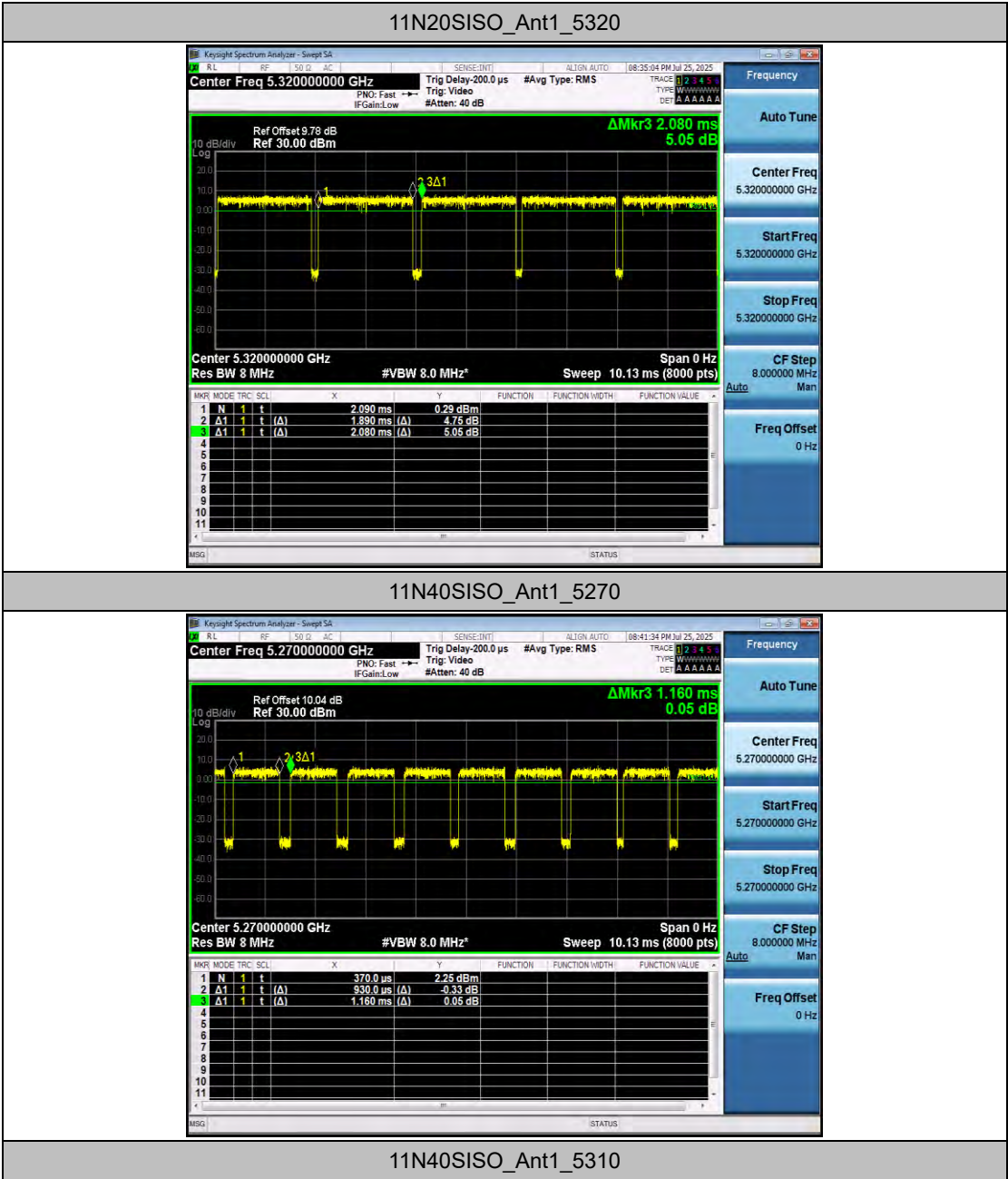
Test Result

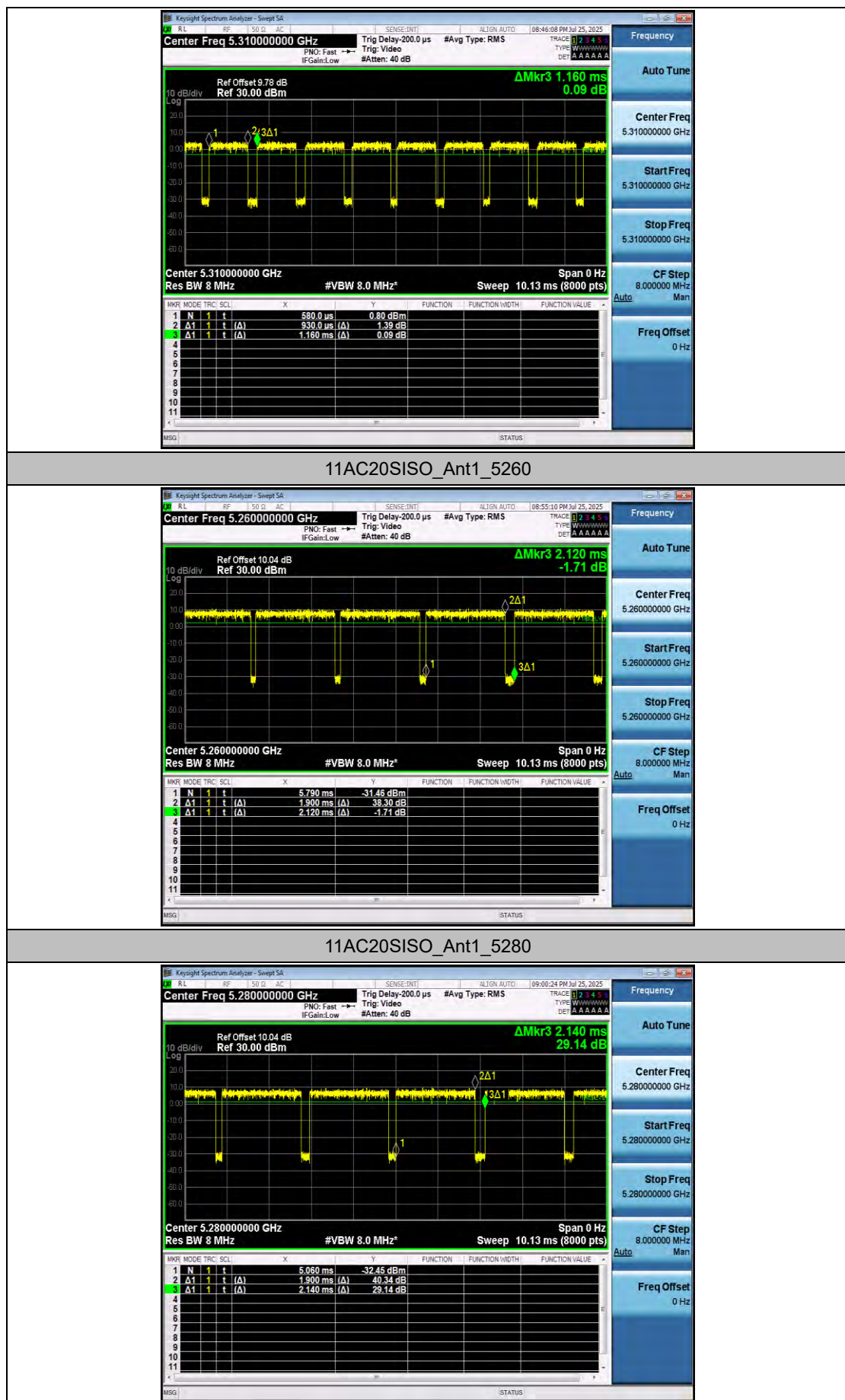
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	2.03	2.21	91.86	0.37	0.49
		5280	2.03	2.21	91.86	0.37	0.49
		5320	2.03	2.21	91.86	0.37	0.49
11N20SISO	Ant1	5260	1.89	2.09	90.43	0.44	0.53
		5280	1.89	2.09	90.43	0.44	0.53
		5320	1.89	2.08	90.87	0.42	0.53
11N40SISO	Ant1	5270	0.93	1.16	80.17	0.96	1.08
		5310	0.93	1.16	80.17	0.96	1.08
11AC20SISO	Ant1	5260	1.90	2.12	89.62	0.48	0.53
		5280	1.90	2.14	88.79	0.52	0.53
		5320	1.90	2.08	91.35	0.39	0.53
11AC40SISO	Ant1	5270	0.93	1.41	65.96	1.81	1.08
		5310	0.93	1.14	81.58	0.88	1.08
11AC80SISO	Ant1	5290	0.46	0.67	68.66	1.63	2.17
11AX20SISO	Ant1	5260	1.46	1.64	89.02	0.51	0.68
		5280	1.46	1.77	82.49	0.84	0.68
		5320	1.47	1.70	86.47	0.63	0.68
11AX40SISO	Ant1	5270	0.76	0.99	76.77	1.15	1.32
		5310	0.76	0.98	77.55	1.10	1.32
11AX80SISO	Ant1	5290	0.39	0.62	62.90	2.01	2.56

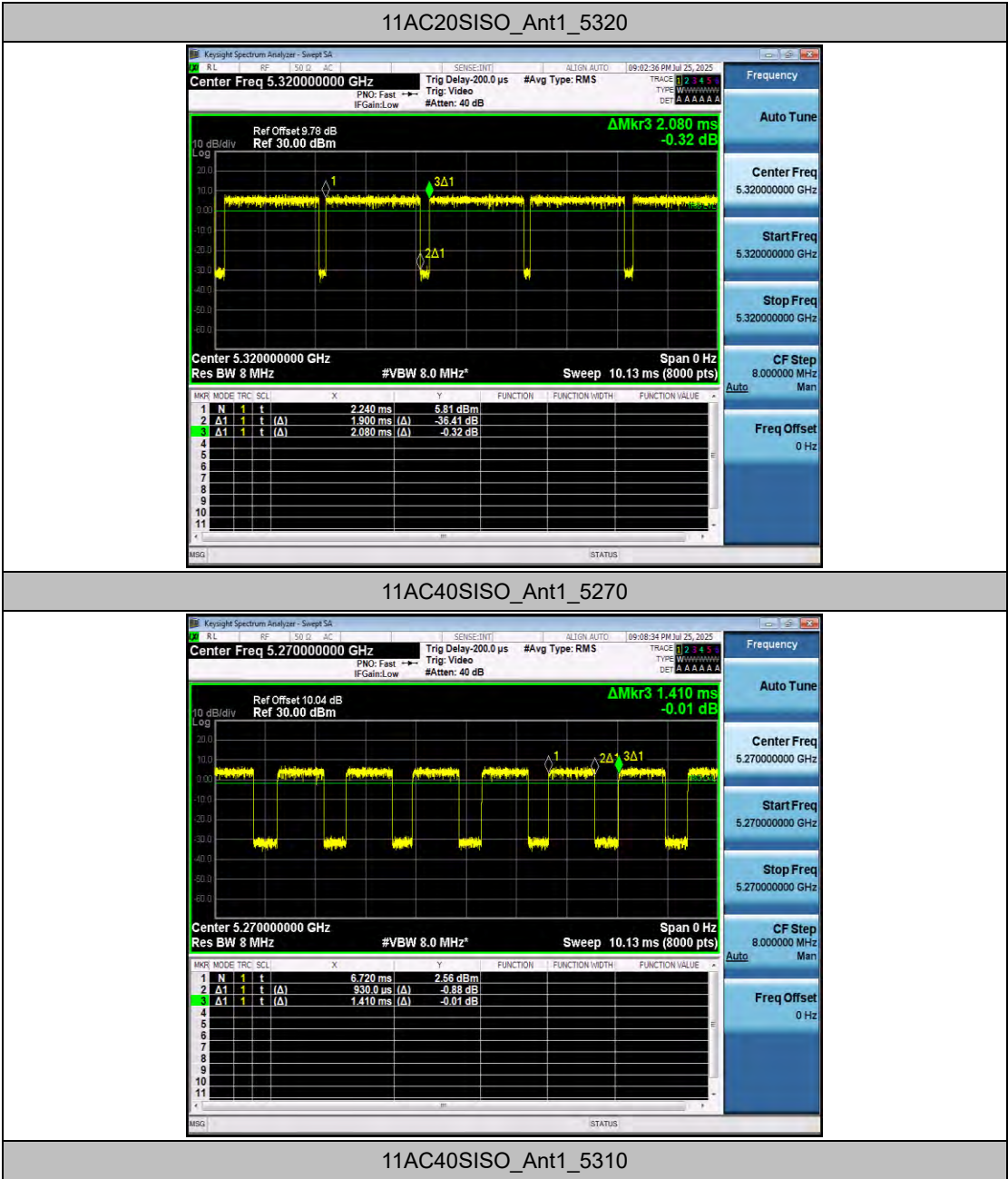
Test Graphs

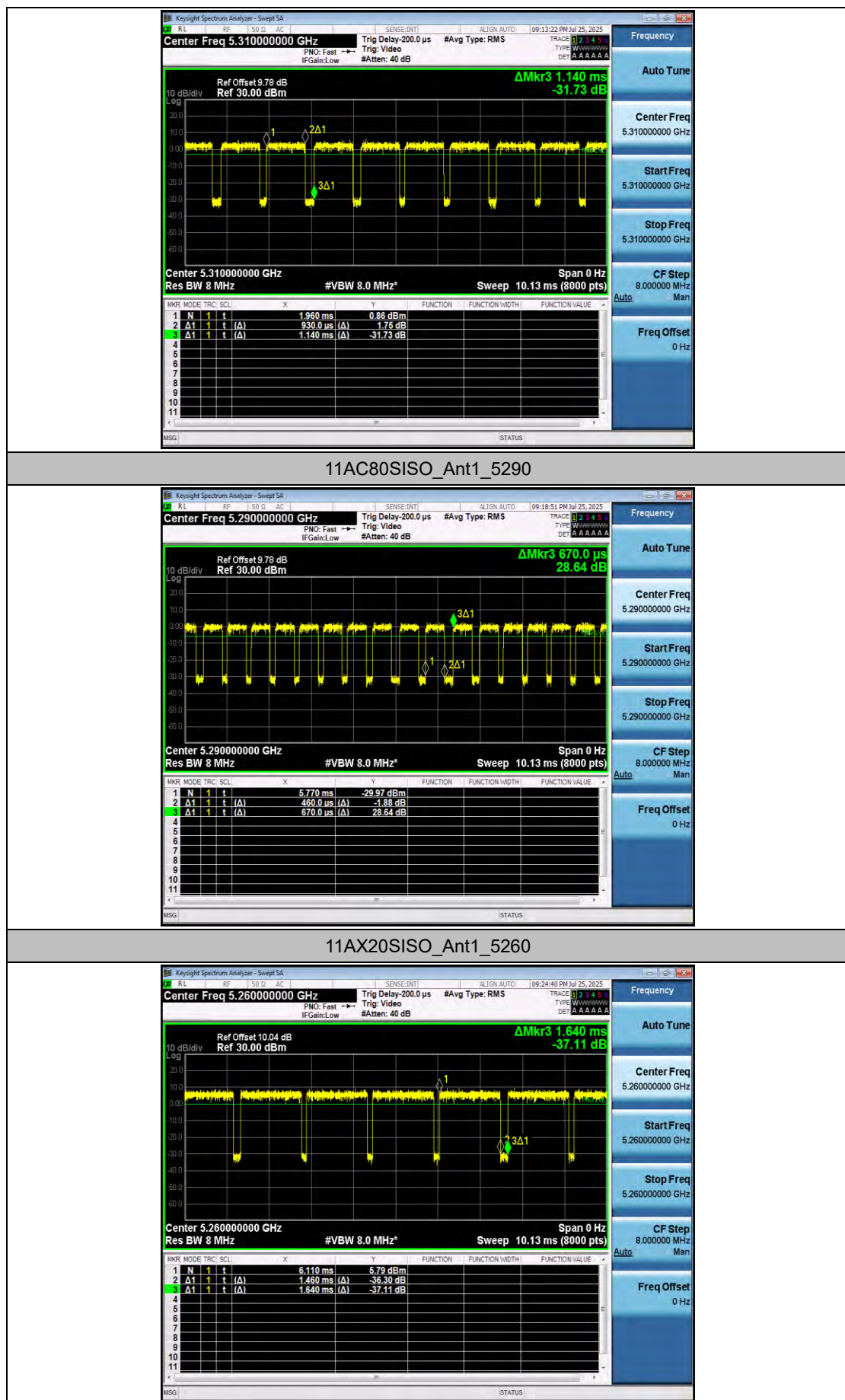


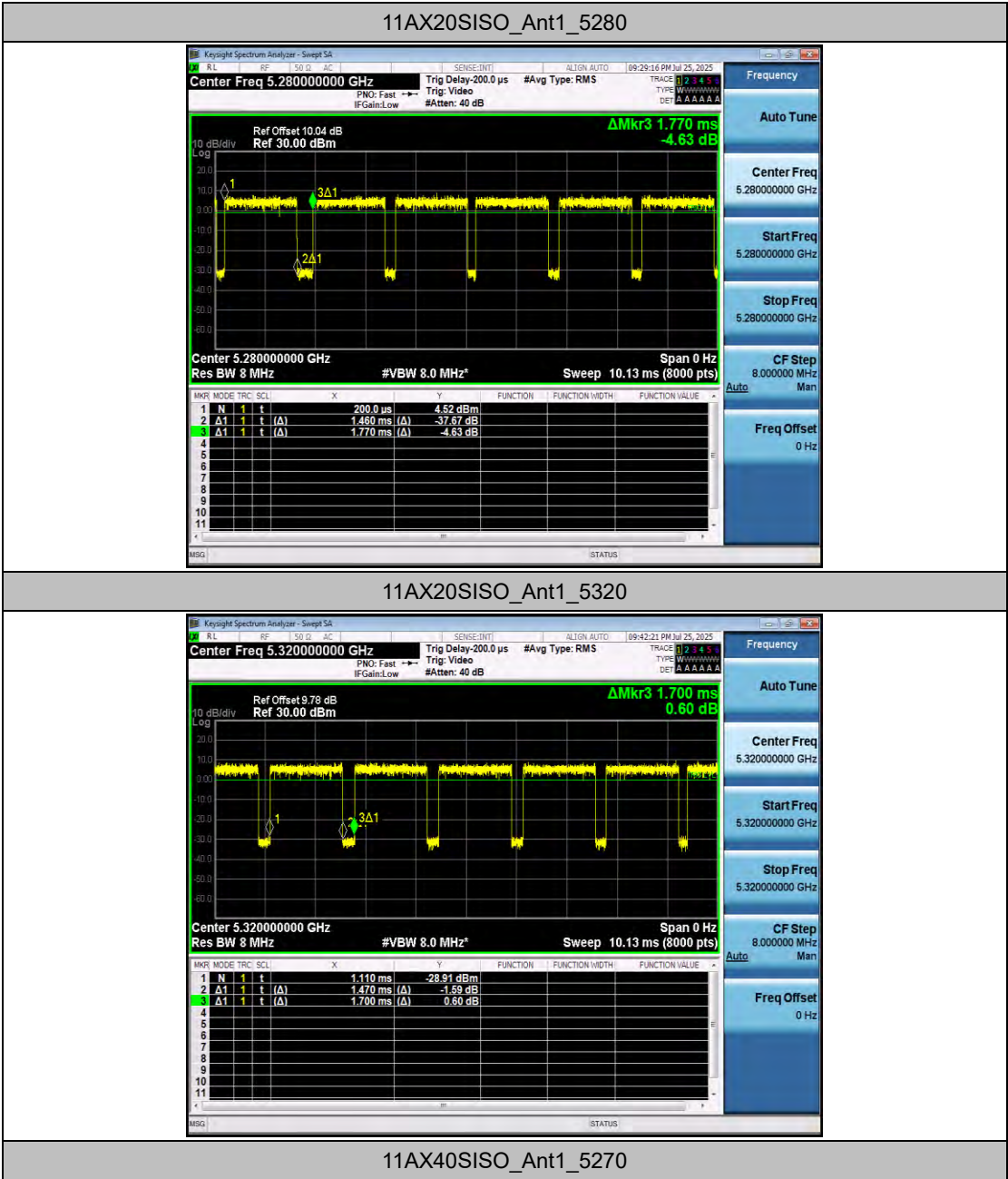


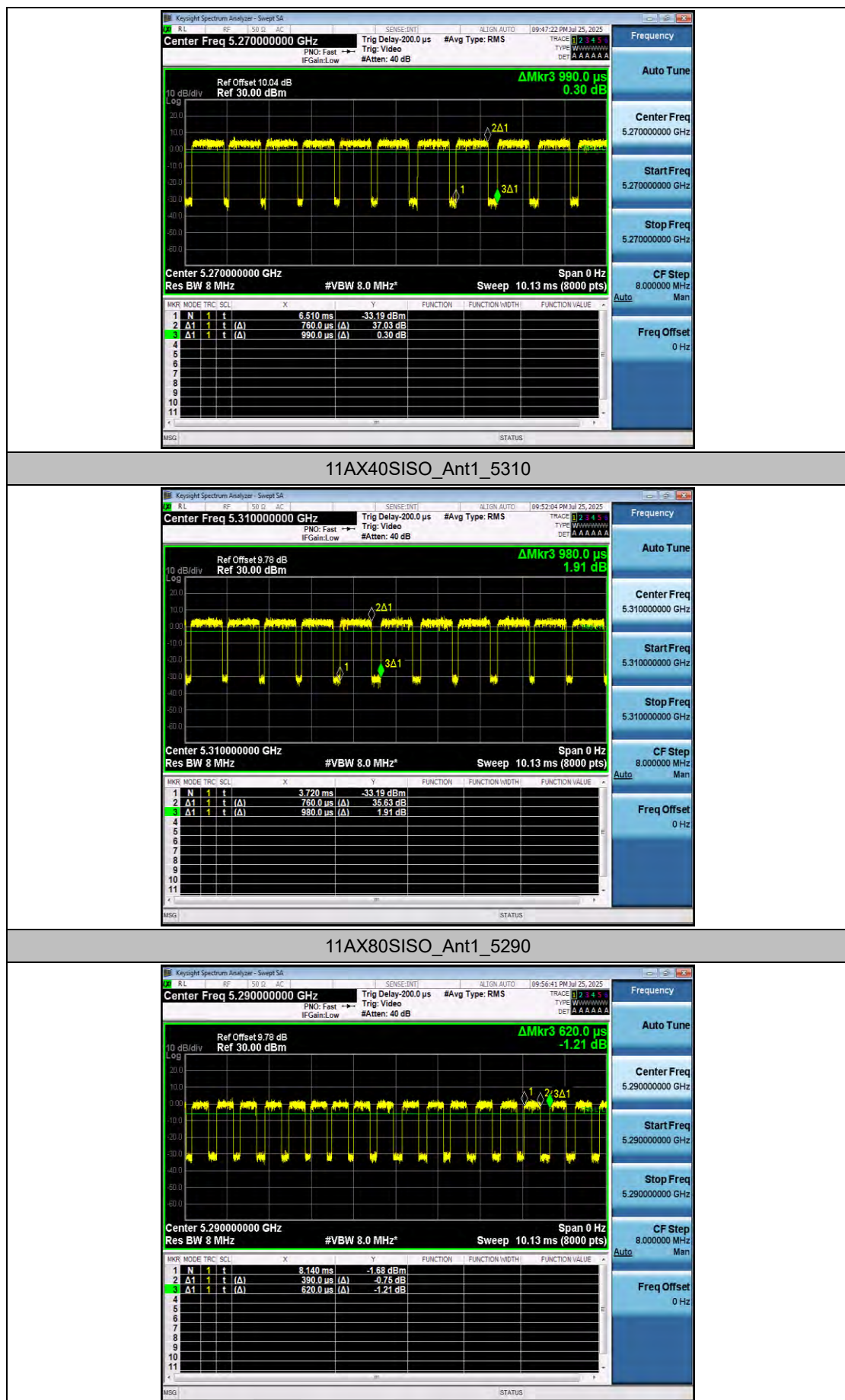












Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	9.54	91.86	0.37	9.91	≤23.98	PASS
		5280	8.73	91.86	0.37	9.10	≤23.98	PASS
		5320	7.48	91.86	0.37	7.85	≤23.98	PASS
11N20SISO	Ant1	5260	11.70	90.43	0.44	12.14	≤23.98	PASS
		5280	9.36	90.43	0.44	9.80	≤23.98	PASS
		5320	8.43	90.87	0.42	8.85	≤23.98	PASS
11N40SISO	Ant1	5270	9.42	80.17	0.96	10.38	≤23.98	PASS
		5310	7.86	80.17	0.96	8.82	≤23.98	PASS
11AC20SISO	Ant1	5260	10.51	89.62	0.48	10.99	≤23.98	PASS
		5280	9.46	88.79	0.52	9.98	≤23.98	PASS
		5320	8.31	91.35	0.39	8.70	≤23.98	PASS
11AC40SISO	Ant1	5270	9.60	65.96	1.81	11.41	≤23.98	PASS
		5310	7.90	81.58	0.88	8.78	≤23.98	PASS
11AC80SISO	Ant1	5290	8.36	68.66	1.63	9.99	≤23.98	PASS
11AX20SISO	Ant1	5260	8.48	89.02	0.51	8.99	≤23.98	PASS
		5280	7.38	82.49	0.84	8.22	≤23.98	PASS
		5320	8.26	86.47	0.63	8.89	≤23.98	PASS
11AX40SISO	Ant1	5270	9.05	76.77	1.15	10.20	≤23.98	PASS
		5310	8.07	77.55	1.10	9.17	≤23.98	PASS
11AX80SISO	Ant1	5290	7.85	62.90	2.01	9.86	≤23.98	PASS

Appendix E.5: Maximum power spectral density

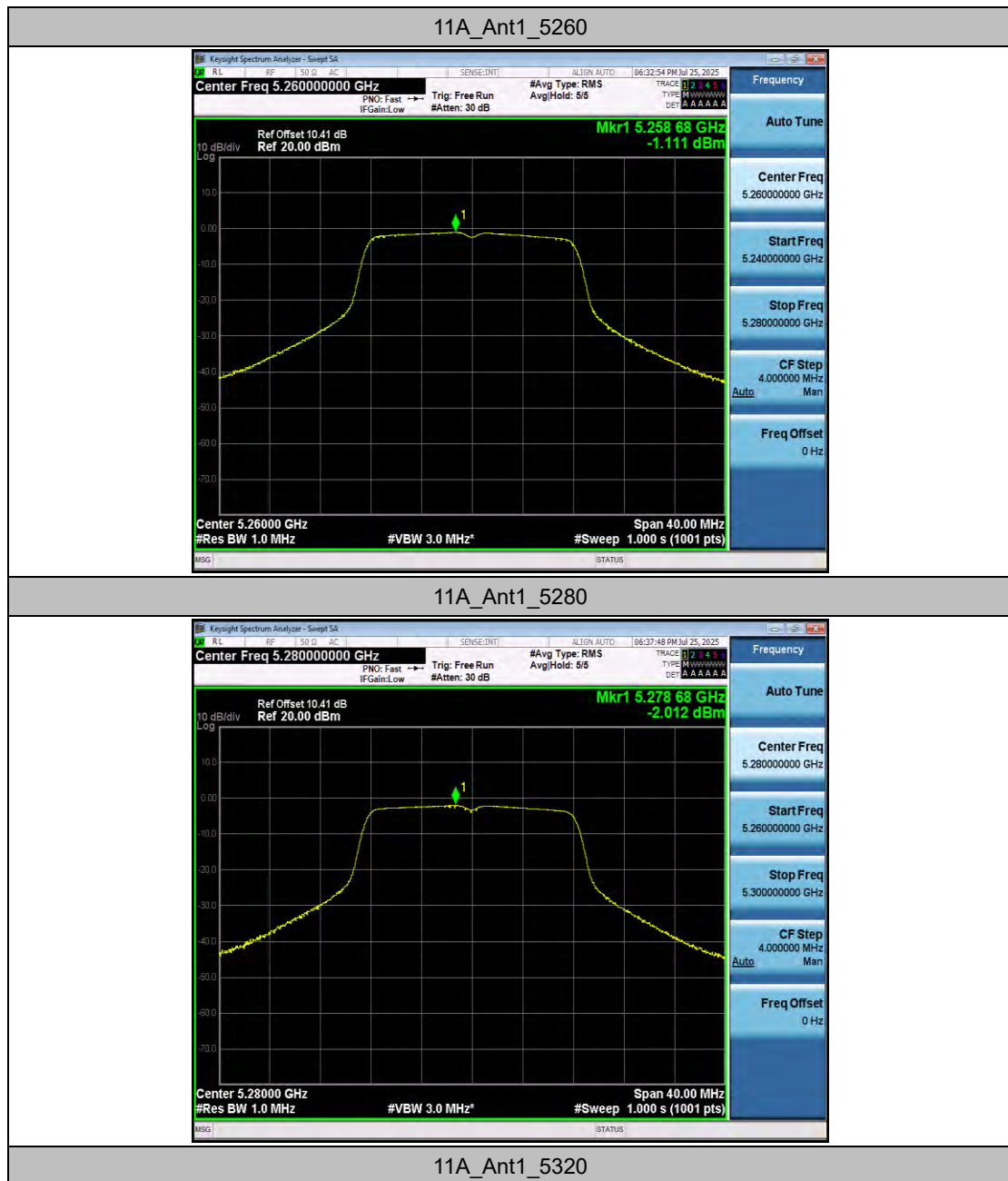
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	-1.11	≤11.00	PASS
		5280	-2.01	≤11.00	PASS
		5320	-3.25	≤11.00	PASS
11N20SISO	Ant1	5260	0.86	≤11.00	PASS
		5280	-1.49	≤11.00	PASS
		5320	-2.65	≤11.00	PASS
11N40SISO	Ant1	5270	-3.47	≤11.00	PASS
		5310	-5.12	≤11.00	PASS
11AC20SISO	Ant1	5260	-0.08	≤11.00	PASS
		5280	-1.27	≤11.00	PASS
		5320	-2.60	≤11.00	PASS
11AC40SISO	Ant1	5270	-2.62	≤11.00	PASS
		5310	-5.23	≤11.00	PASS
11AC80SISO	Ant1	5290	-7.19	≤11.00	PASS
11AX20SISO	Ant1	5260	-2.28	≤11.00	PASS
		5280	-3.17	≤11.00	PASS
		5320	-2.50	≤11.00	PASS
11AX40SISO	Ant1	5270	-3.56	≤11.00	PASS
		5310	-5.30	≤11.00	PASS
11AX80SISO	Ant1	5290	-8.51	≤11.00	PASS

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

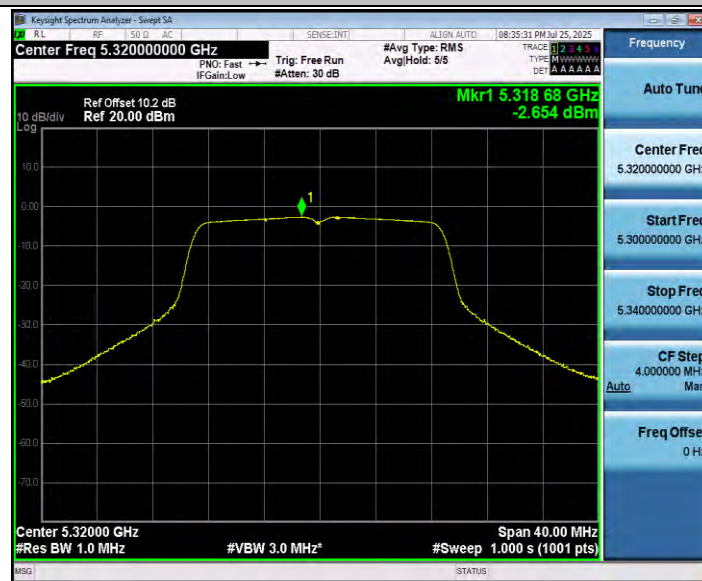
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





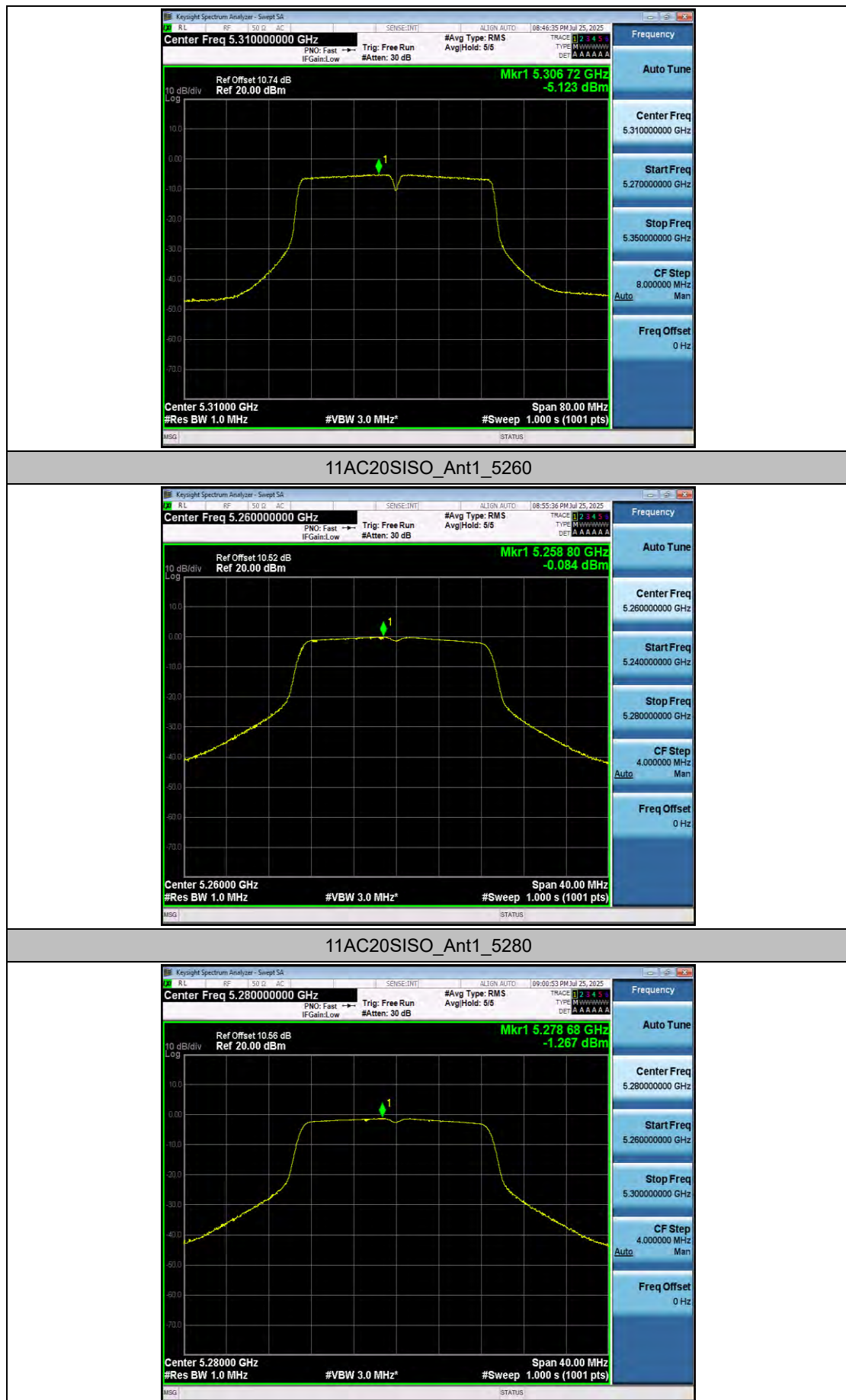
11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



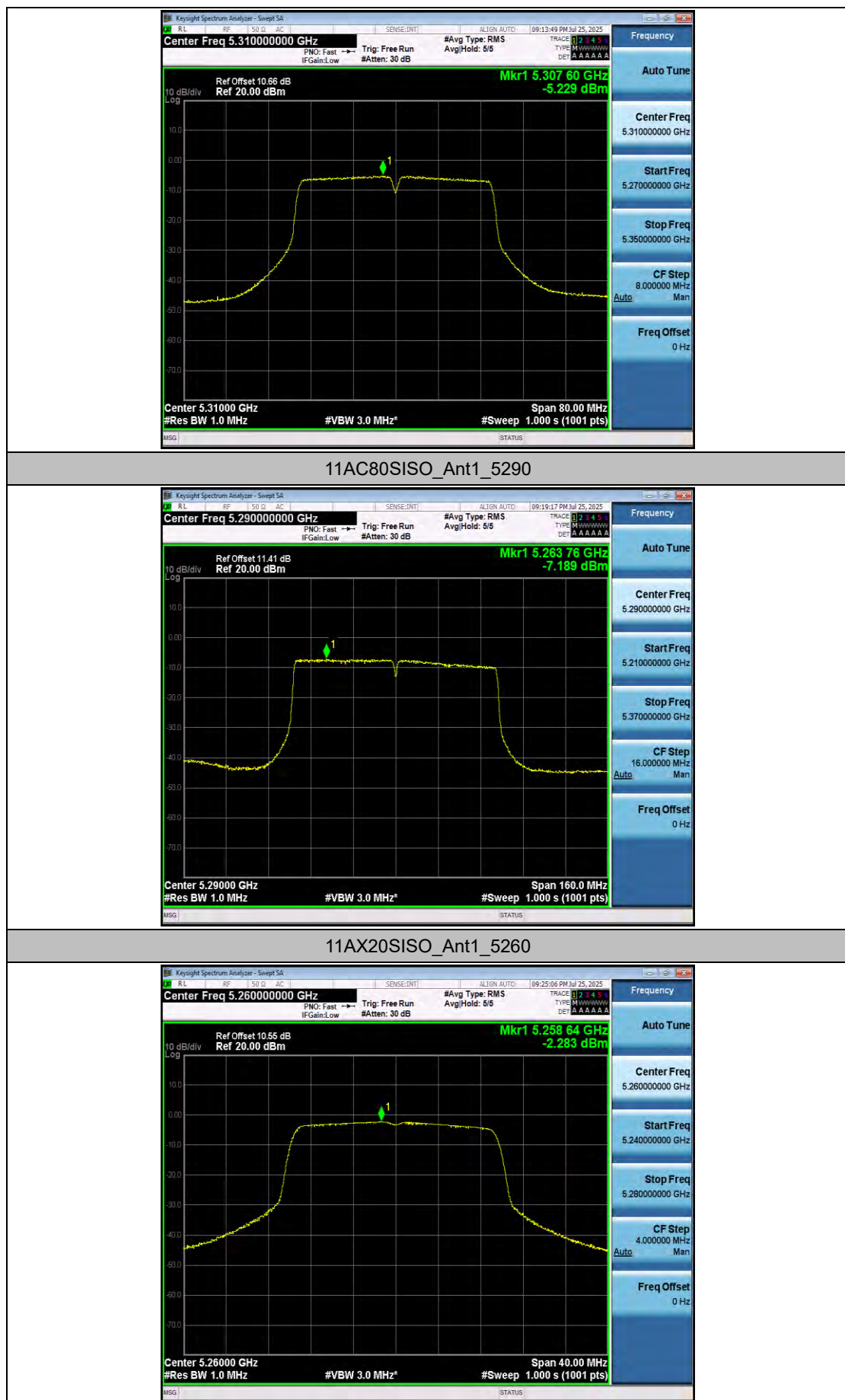
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270

