



1.2 Appendix A3: Min emission bandwidth

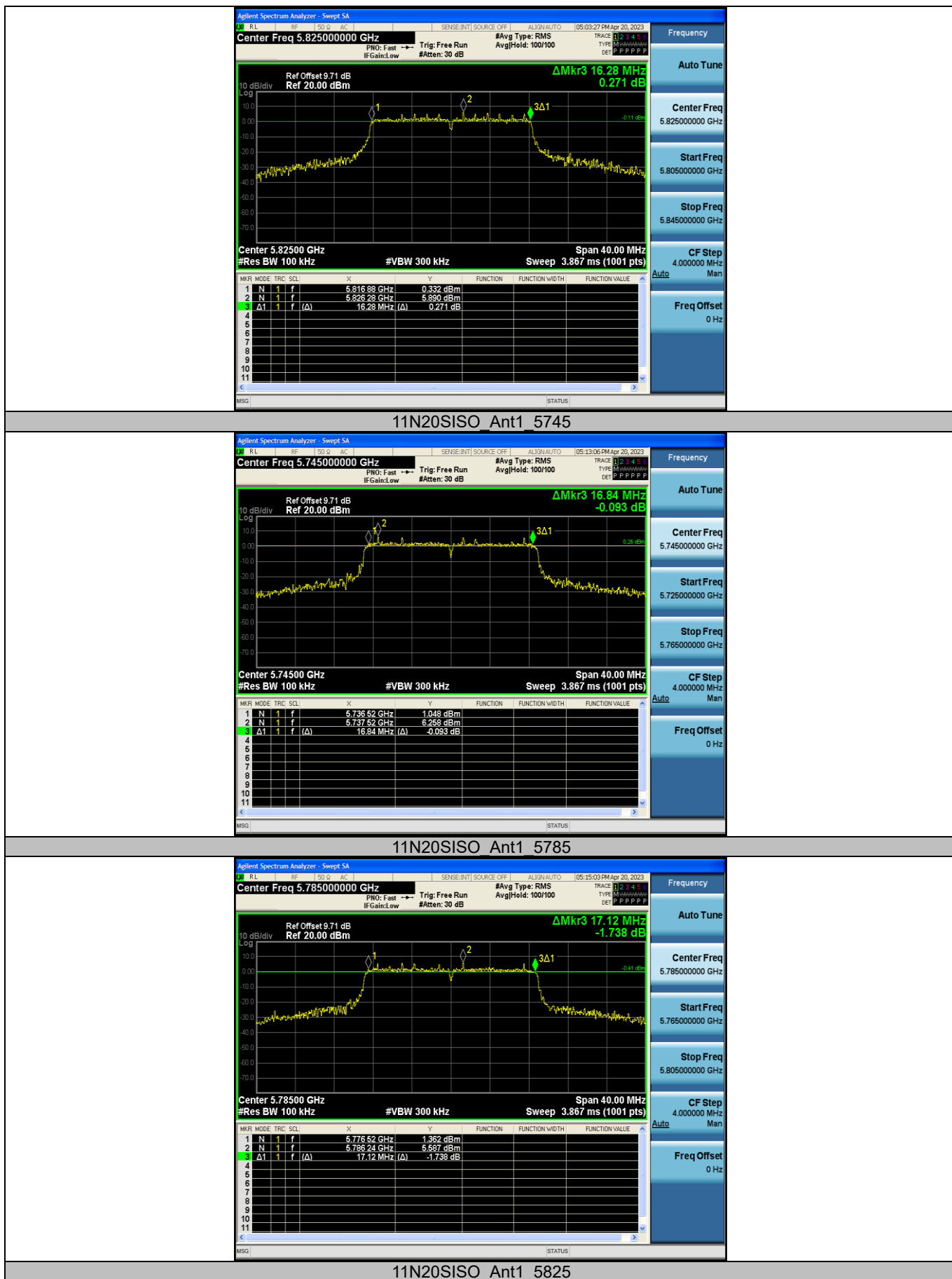
1.2.1 Test Result B4

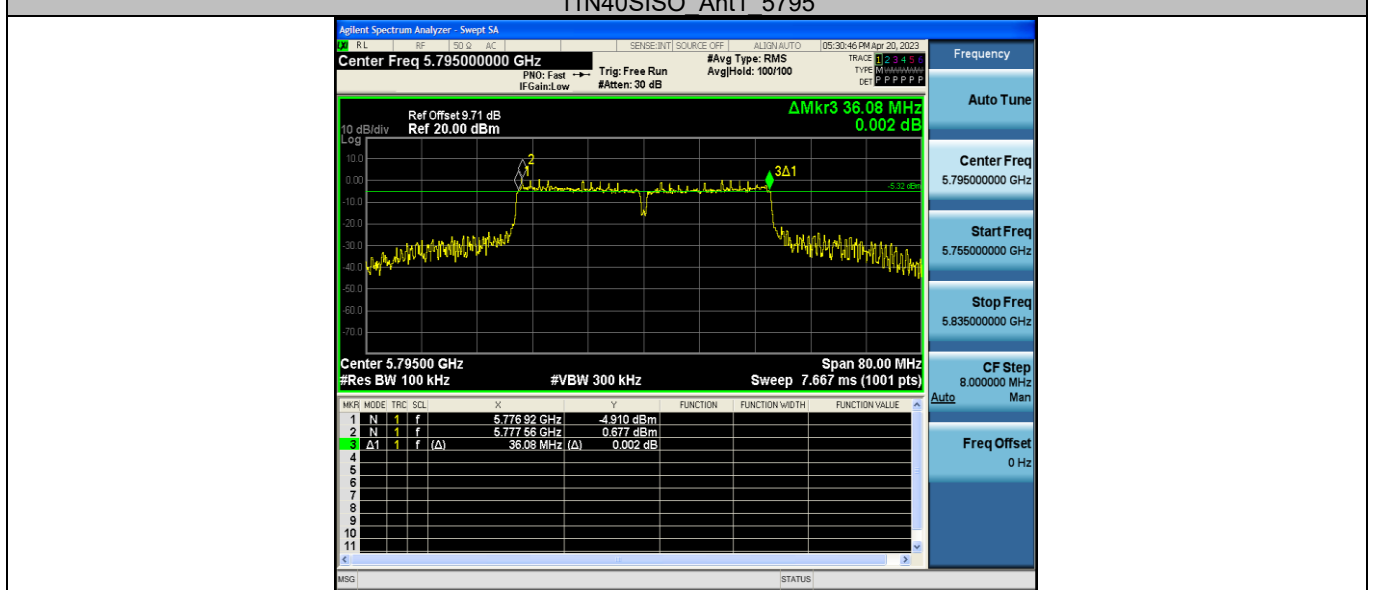
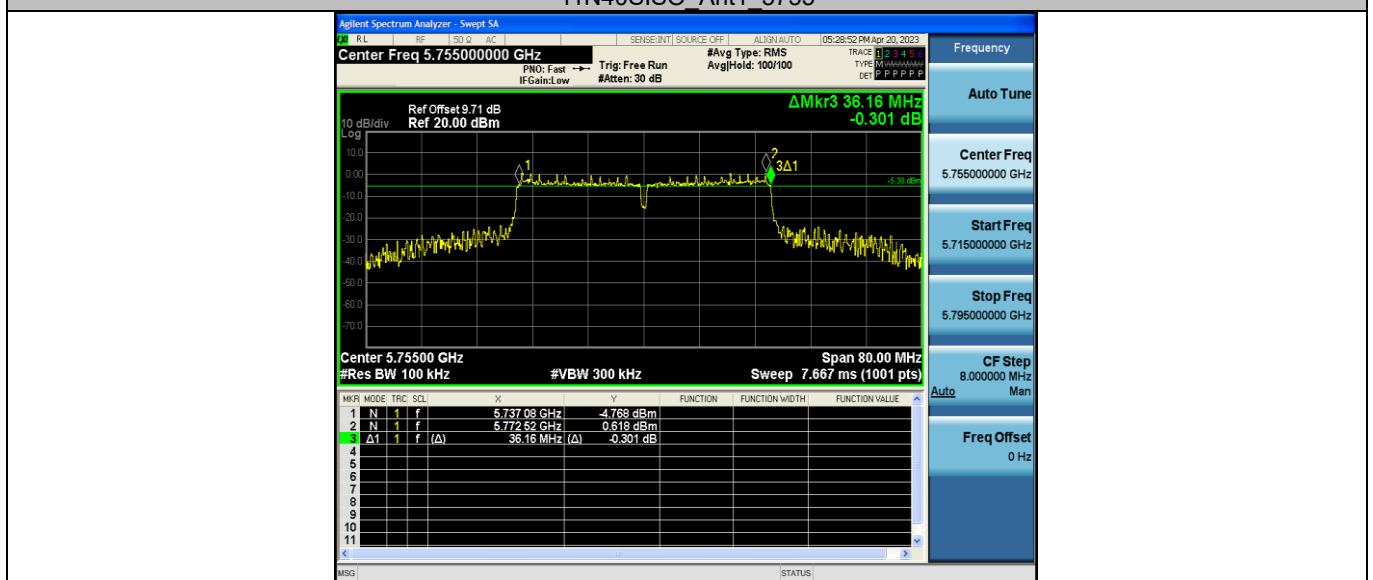
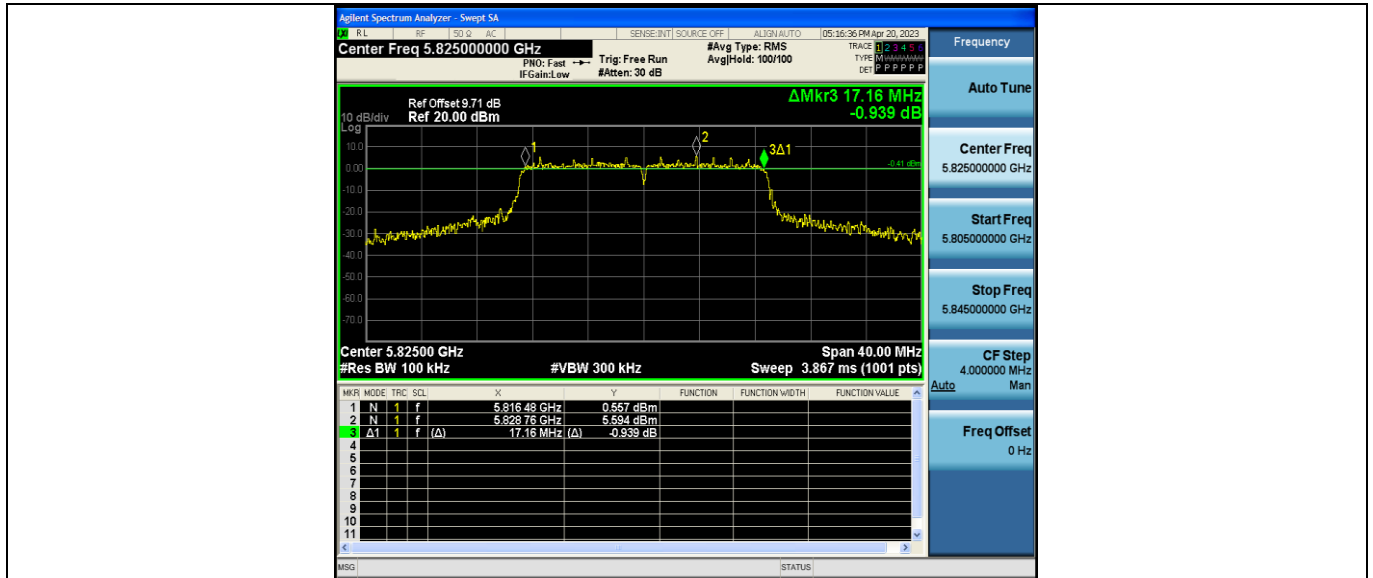
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.280	5816.880	5833.160	0.5	PASS
11N20SISO	Ant1	5745	16.840	5736.520	5753.360	0.5	PASS
		5785	17.120	5776.520	5793.640	0.5	PASS
		5825	17.160	5816.480	5833.640	0.5	PASS
11N40SISO	Ant1	5755	36.160	5737.080	5773.240	0.5	PASS
		5795	36.080	5776.920	5813.000	0.5	PASS
11AC20SISO	Ant1	5745	17.160	5736.480	5753.640	0.5	PASS
		5785	17.000	5776.360	5793.360	0.5	PASS
		5825	17.280	5816.400	5833.680	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.920	5773.240	0.5	PASS
		5795	36.000	5777.000	5813.000	0.5	PASS
11AC80SISO	Ant1	5775	75.360	5737.240	5812.600	0.5	PASS

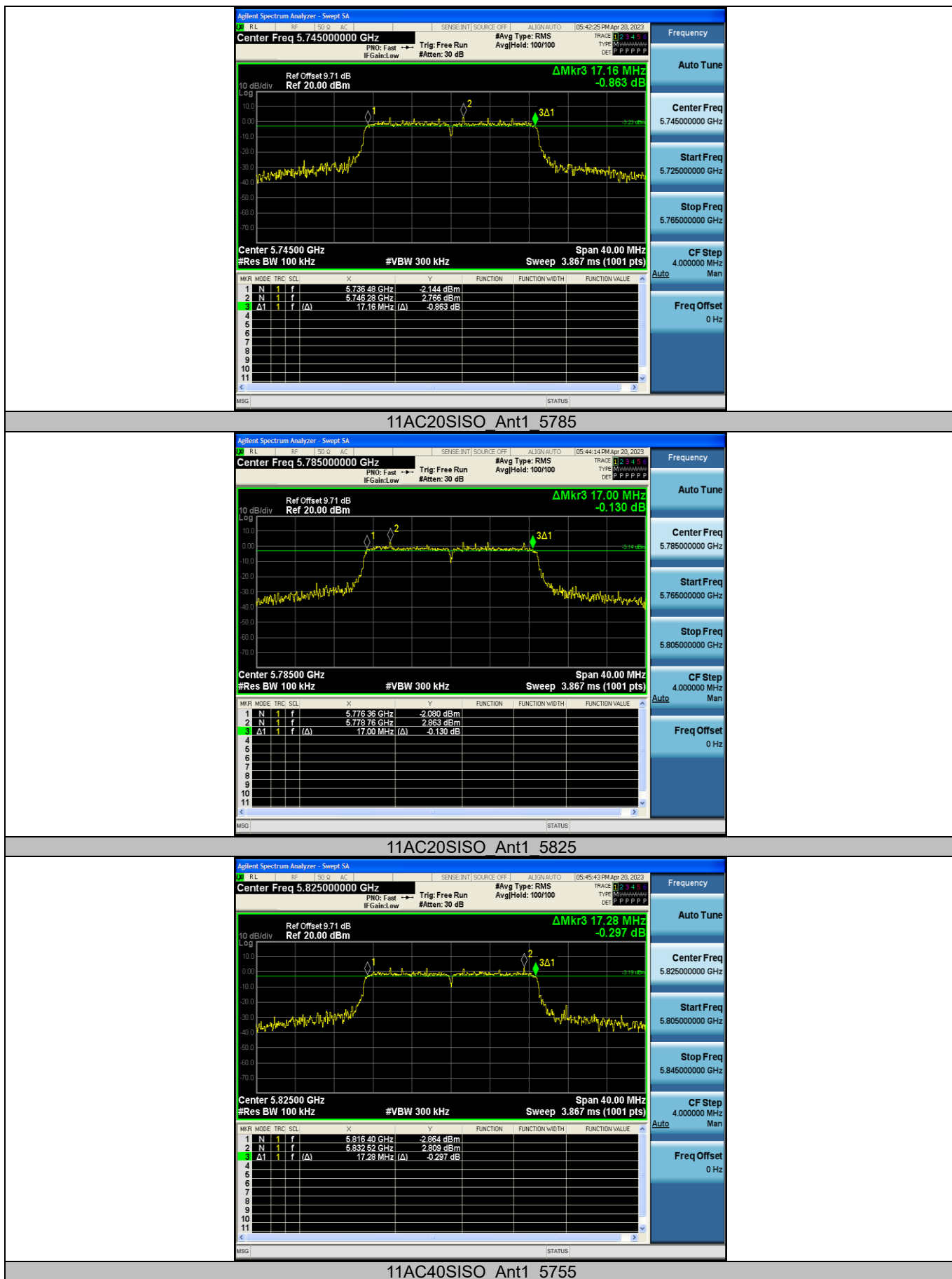
1.2.2 Test Graphs B4

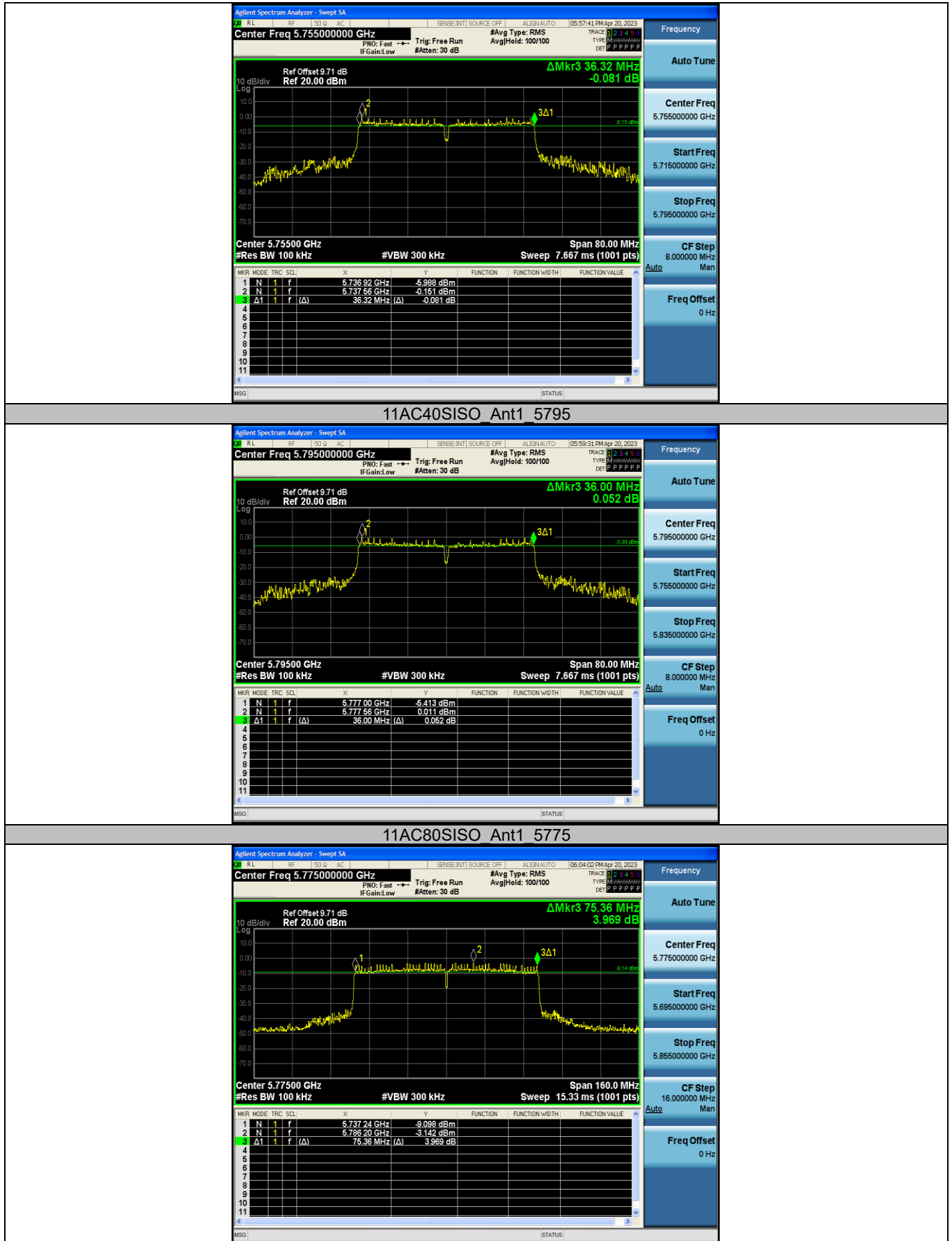
Test Graphs











Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.57	88.54
		5200	1.39	1.60	86.88
		5240	1.39	1.57	88.54
		5745	1.39	1.60	86.88
		5785	1.39	1.65	84.24
		5825	1.39	1.60	86.88
11N20SISO	Ant1	5180	1.17	1.43	81.82
		5200	1.17	1.44	81.25
		5240	1.17	1.36	86.03
		5745	1.17	1.36	86.03
		5825	1.18	1.44	81.94
11N40SISO	Ant1	5180	1.17	1.42	82.39
		5190	0.59	0.89	66.29
		5230	0.58	0.87	66.67
		5755	0.59	0.85	69.41
11AC20SISO	Ant1	5795	0.58	0.87	66.67
		5180	1.19	1.49	79.87
		5200	1.19	1.46	81.51
		5240	1.18	1.47	80.27
		5745	1.19	1.39	85.61
11AC40SISO	Ant1	5785	1.19	1.45	82.07
		5825	1.19	1.45	82.07
		5190	0.59	0.87	67.82
		5230	0.59	0.87	67.82
11AC80SISO	Ant1	5755	0.59	0.88	67.05
		5795	0.59	0.79	74.68
		5210	0.29	0.55	52.73
		5775	0.30	0.57	52.63

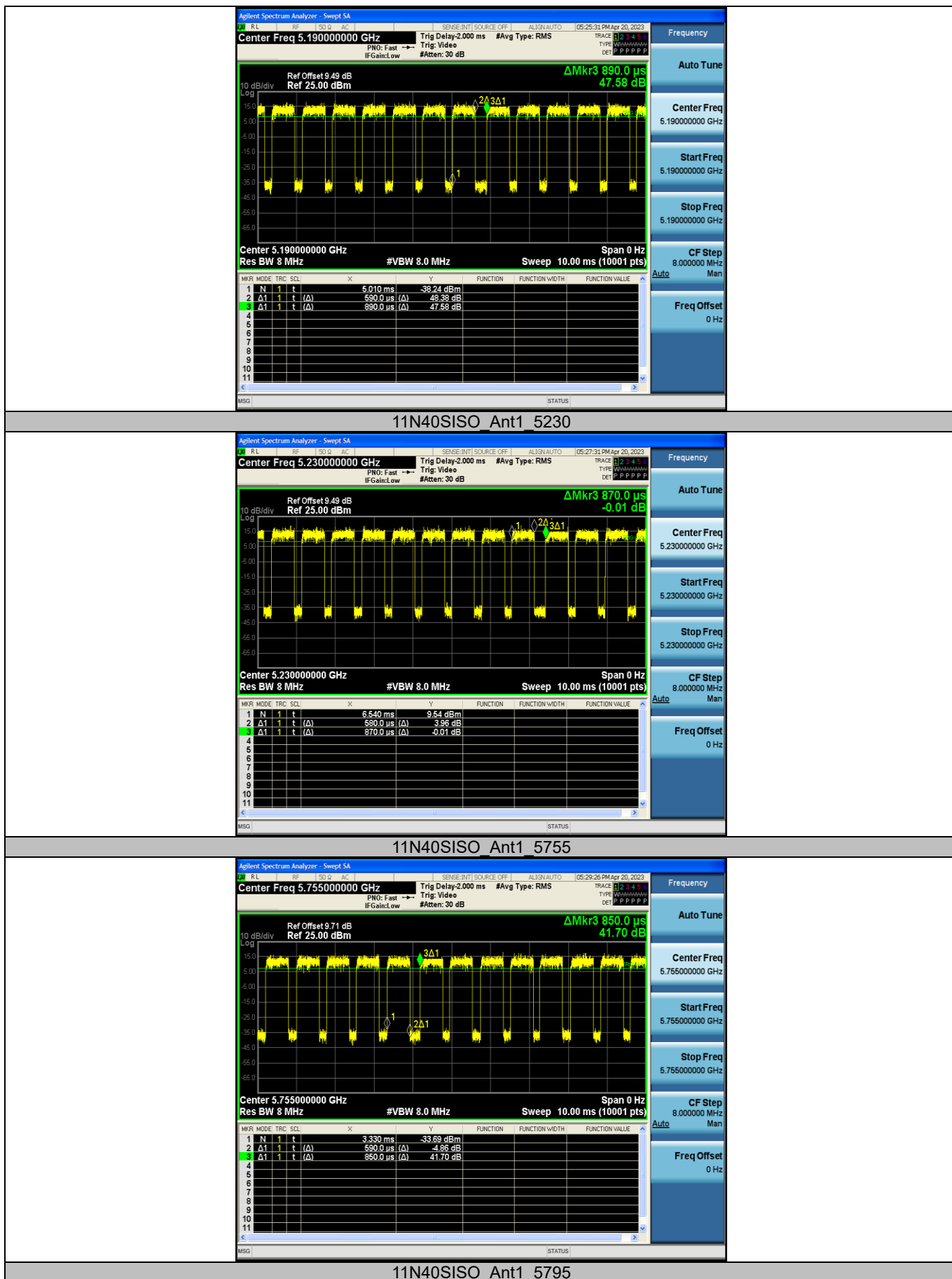
Test Graphs

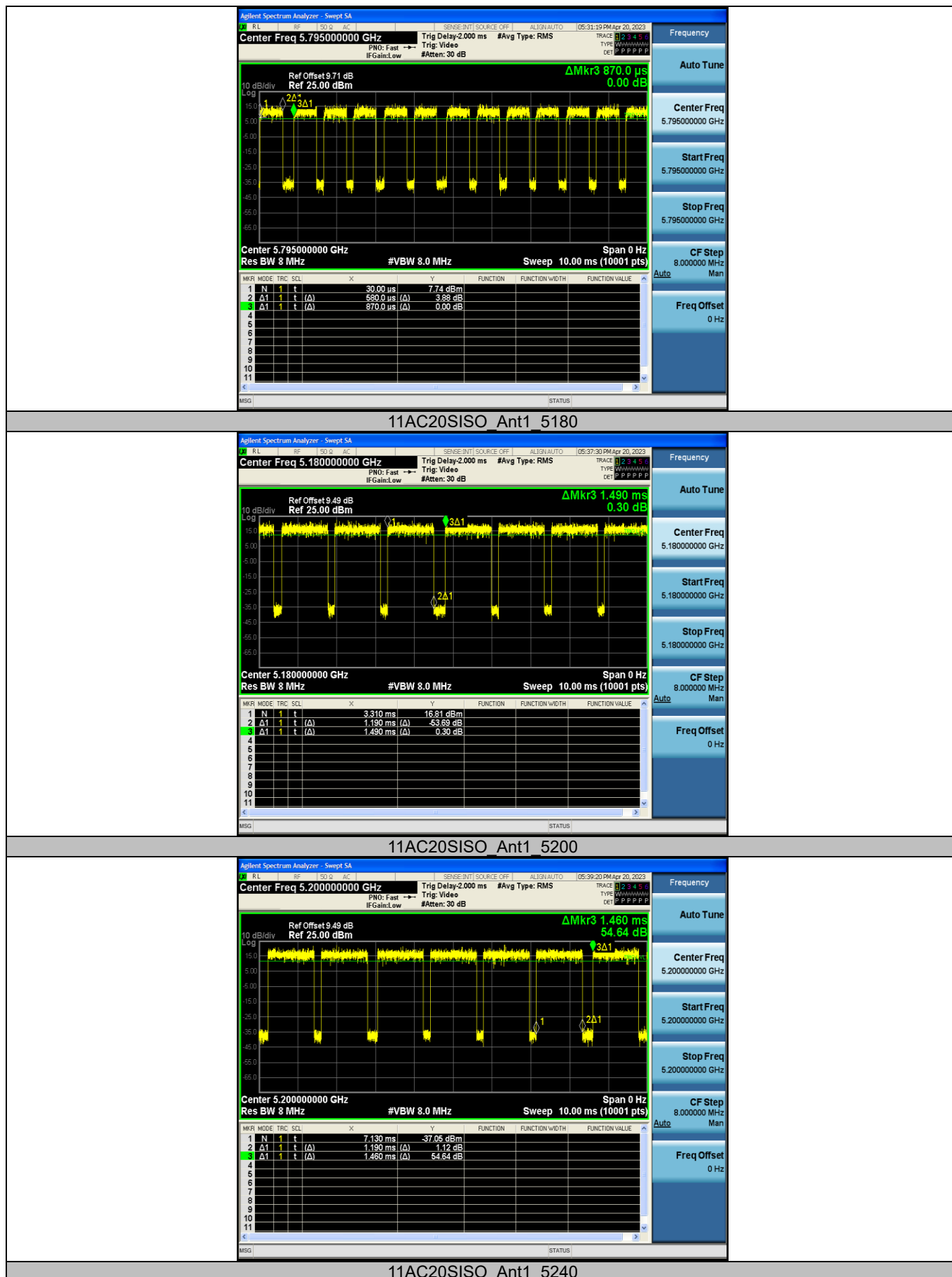




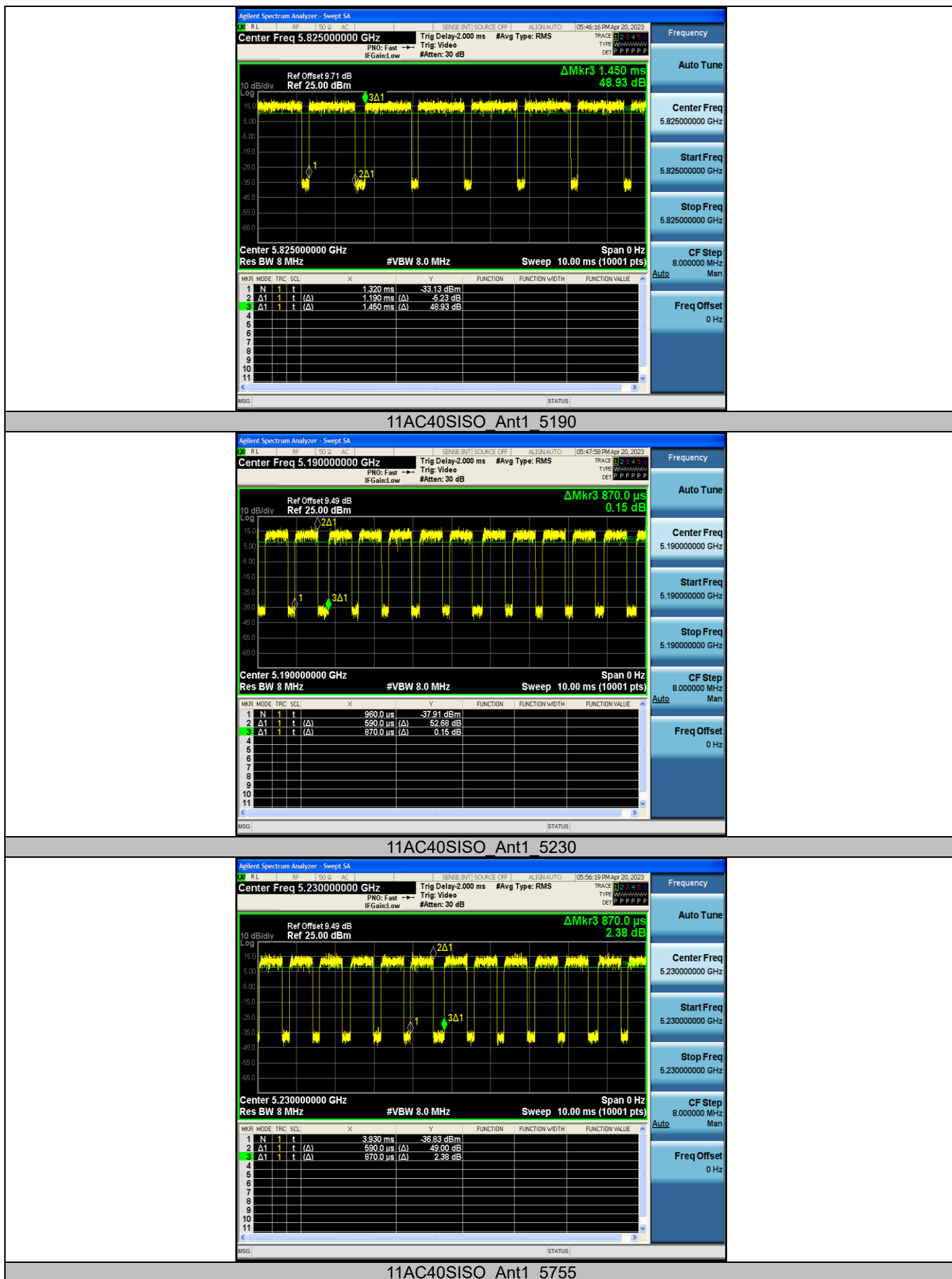


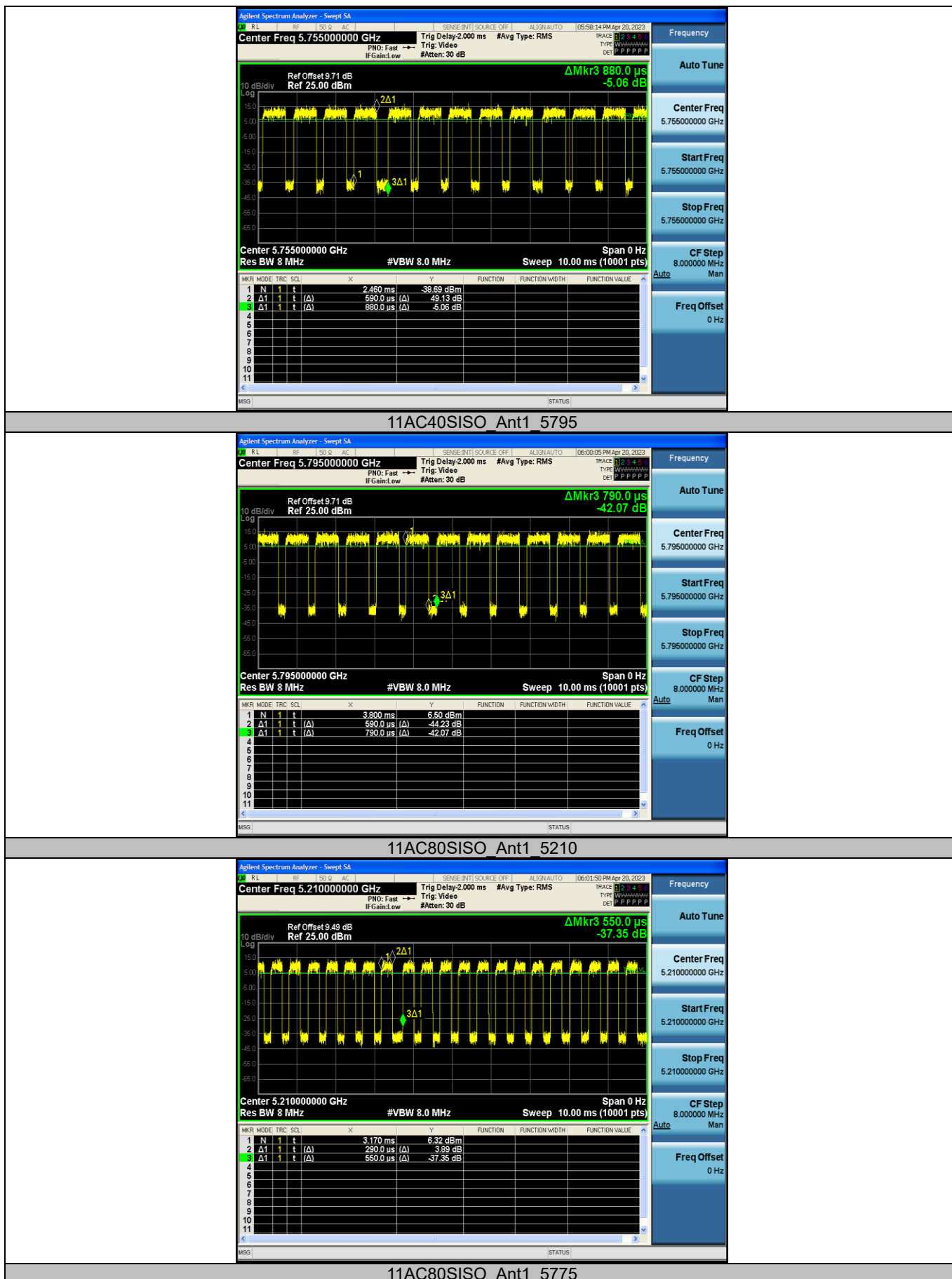


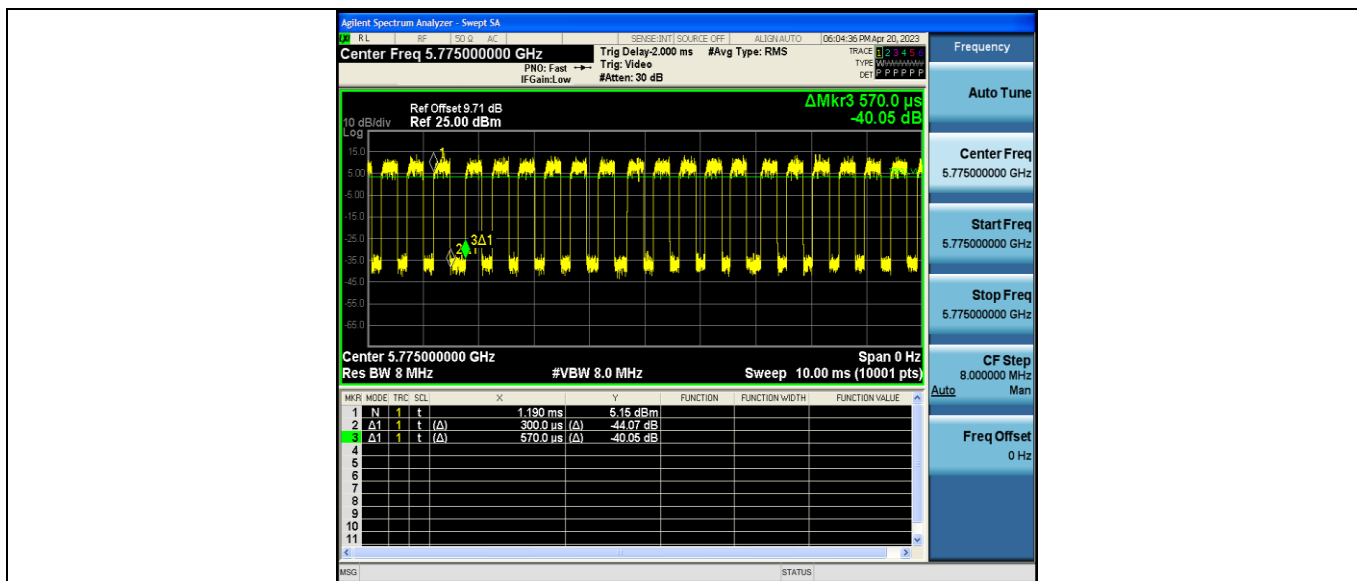












Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	17.25	88.54	0.53	17.78	≤23.98	PASS
		5200	17.01	86.88	0.61	17.62	≤23.98	PASS
		5240	16.95	88.54	0.53	17.48	≤23.98	PASS
		5745	16.18	86.88	0.61	16.79	≤30.00	PASS
		5785	16.33	84.24	0.74	17.07	≤30.00	PASS
		5825	16.26	86.88	0.61	16.87	≤30.00	PASS
11N20SIS O	Ant1	5180	17.08	81.82	0.87	17.95	≤23.98	PASS
		5200	17.04	81.25	0.90	17.94	≤23.98	PASS
		5240	16.88	86.03	0.65	17.53	≤23.98	PASS
		5745	16.19	86.03	0.65	16.84	≤30.00	PASS
		5785	16.16	81.94	0.87	17.03	≤30.00	PASS
		5825	16.17	82.39	0.84	17.01	≤30.00	PASS
11N40SIS O	Ant1	5190	14.28	69.41	1.59	15.87	≤23.98	PASS
		5230	14.28	66.67	1.76	16.04	≤23.98	PASS
		5755	13.48	69.41	1.59	15.07	≤30.00	PASS
		5795	13.25	66.67	1.76	15.01	≤30.00	PASS
11AC20SIS O	Ant1	5180	14.43	80.82	0.92	15.35	≤23.98	PASS
		5200	14.40	81.51	0.89	15.29	≤23.98	PASS
		5240	14.29	80.27	0.95	15.24	≤23.98	PASS
		5745	13.46	85.61	0.67	14.13	≤30.00	PASS
		5785	13.49	82.07	0.86	14.35	≤30.00	PASS
		5825	13.55	82.07	0.86	14.41	≤30.00	PASS
11AC40SIS O	Ant1	5190	13.39	67.82	1.69	15.08	≤23.98	PASS
		5230	13.46	67.82	1.69	15.15	≤23.98	PASS
		5755	12.61	67.05	1.74	14.35	≤30.00	PASS
		5795	12.47	74.68	1.27	13.74	≤30.00	PASS
11AC80SIS O	Ant1	5210	12.53	52.73	2.78	15.31	≤23.98	PASS
		5775	11.72	52.63	2.79	14.51	≤30.00	PASS

Note : The Duty Cycle Factor is compensated in the graph.

Antenna Gain:

U-NII-1 Gain: 1.95 dBi

U-NII-3 Gain: 1.91 dBi

Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	6.84	≤11.00	PASS
		5200	6.58	≤11.00	PASS
		5240	6.55	≤11.00	PASS
		5745	3.15	≤30.00	PASS
		5785	3.34	≤30.00	PASS
		5825	3.09	≤30.00	PASS
11N20SISO	Ant1	5180	3.89	≤11.00	PASS
		5200	3.68	≤11.00	PASS
		5240	3.35	≤11.00	PASS
		5745	2.67	≤30.00	PASS
		5785	2.92	≤30.00	PASS
		5825	2.88	≤30.00	PASS
11N40SISO	Ant1	5190	0.03	≤11.00	PASS
		5230	-0.66	≤11.00	PASS
		5755	-1.45	≤30.00	PASS
		5795	-1.11	≤30.00	PASS
11AC20SISO	Ant1	5180	1.21	≤11.00	PASS
		5200	1.16	≤11.00	PASS
		5240	1.31	≤11.00	PASS
		5745	0.03	≤30.00	PASS
		5785	0.65	≤30.00	PASS
		5825	0.15	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.66	≤11.00	PASS
		5230	-1.42	≤11.00	PASS
		5755	-2.13	≤30.00	PASS
		5795	-2.84	≤30.00	PASS
11AC80SISO	Ant1	5210	-4.38	≤11.00	PASS
		5775	-5.48	≤30.00	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

