

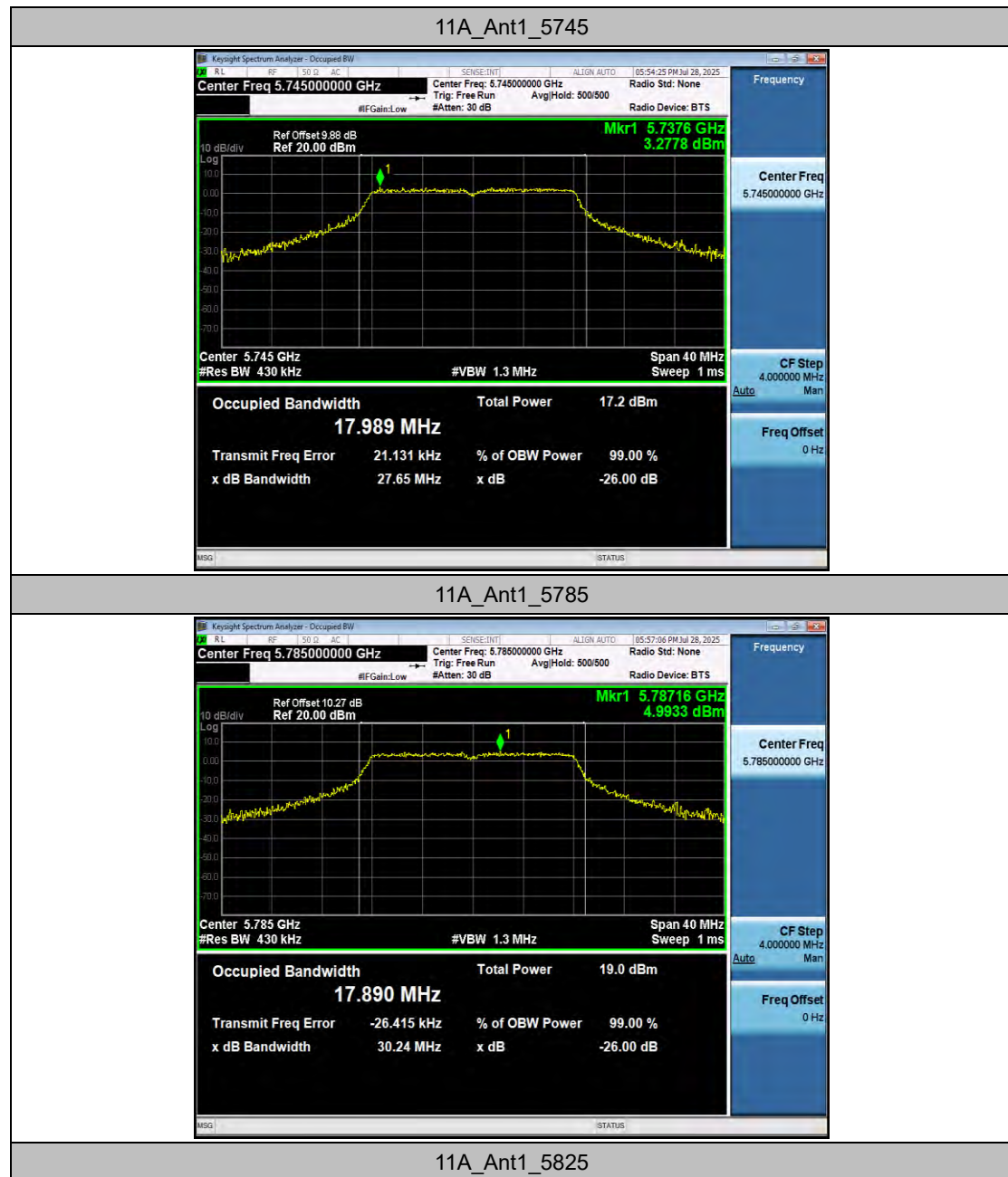
Case No. : <u>GTS20250603010-2-06</u>	
Ambient Condition: <u>22</u> °C, <u>53</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2025.7.17-2025.8.7</u>	Test Engineer: <u>Evan ouyang</u>

Appendix G.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.989	5736.0266	5754.0156	---	---
		5785	17.890	5776.0286	5793.9186	---	---
		5825	17.838	5815.9661	5833.8041	---	---
11N20SISO	Ant1	5745	19.085	5735.5173	5754.6023	---	---
		5785	19.030	5775.4659	5794.4959	---	---
		5825	19.014	5815.4536	5834.4676	---	---
11N40SISO	Ant1	5755	37.721	5736.2532	5773.9742	---	---
		5795	37.706	5776.2163	5813.9223	---	---
11AC20SISO	Ant1	5745	19.021	5735.5535	5754.5745	---	---
		5785	19.007	5775.5138	5794.5208	---	---
		5825	19.008	5815.4496	5834.4576	---	---
11AC40SISO	Ant1	5755	37.646	5736.2979	5773.9439	---	---
		5795	37.727	5776.1634	5813.8904	---	---
11AC80SISO	Ant1	5775	77.168	5736.6906	5813.8586	---	---
11AX20SISO	Ant1	5745	19.743	5735.1996	5754.9426	---	---
		5785	19.678	5775.1804	5794.8584	---	---
		5825	19.671	5815.1603	5834.8313	---	---
11AX40SISO	Ant1	5755	38.527	5735.7954	5774.3224	---	---
		5795	38.547	5775.7797	5814.3267	---	---
11AX80SISO	Ant1	5775	78.269	5735.9718	5814.2408	---	---

Test Graphs





11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



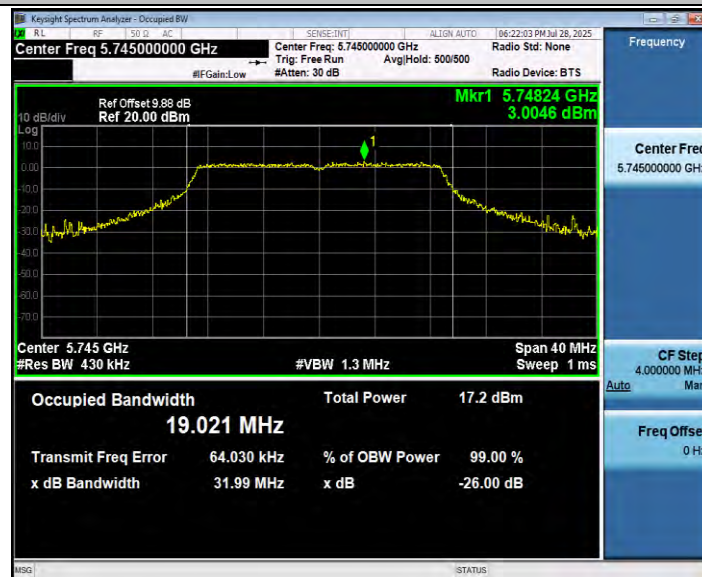
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



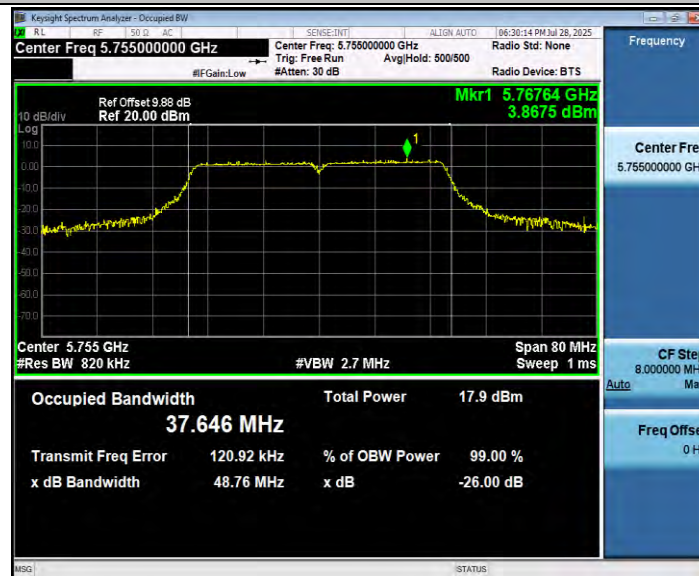
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



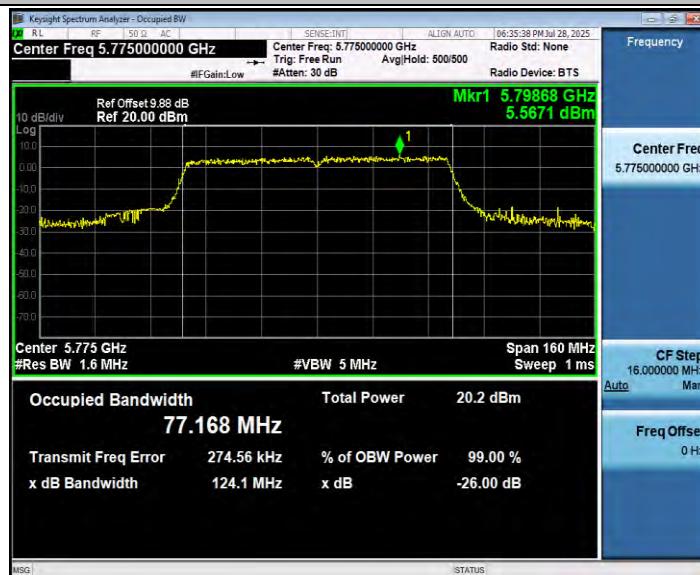
11AC40SISO_Ant1_5755



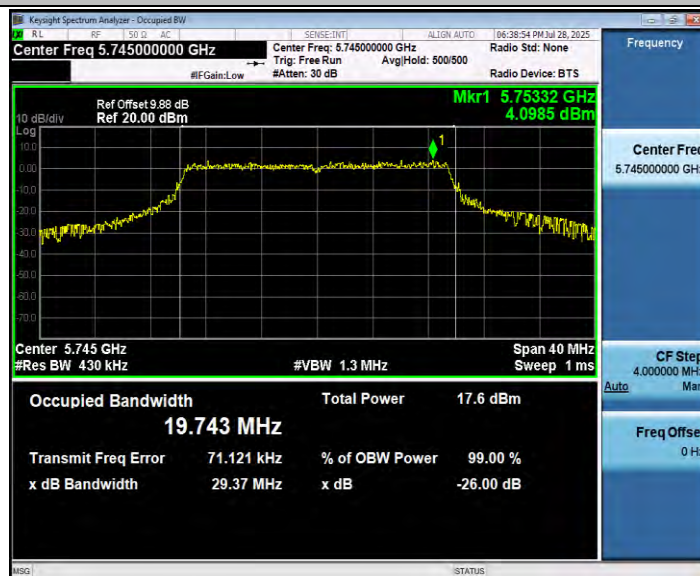
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



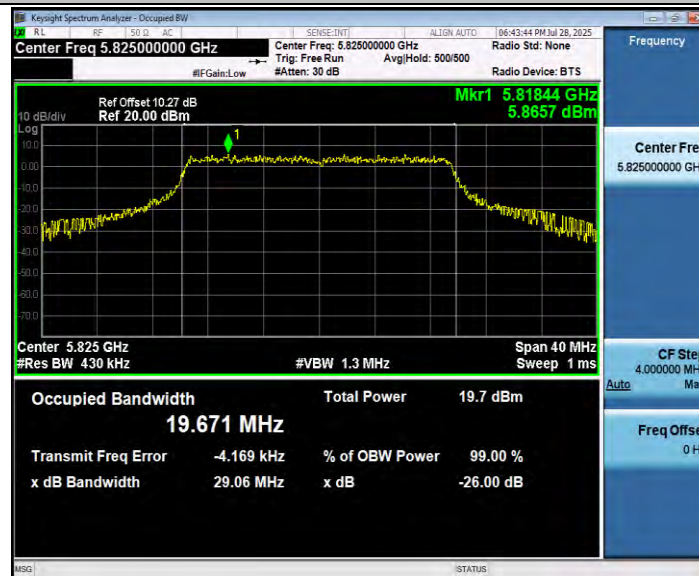
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



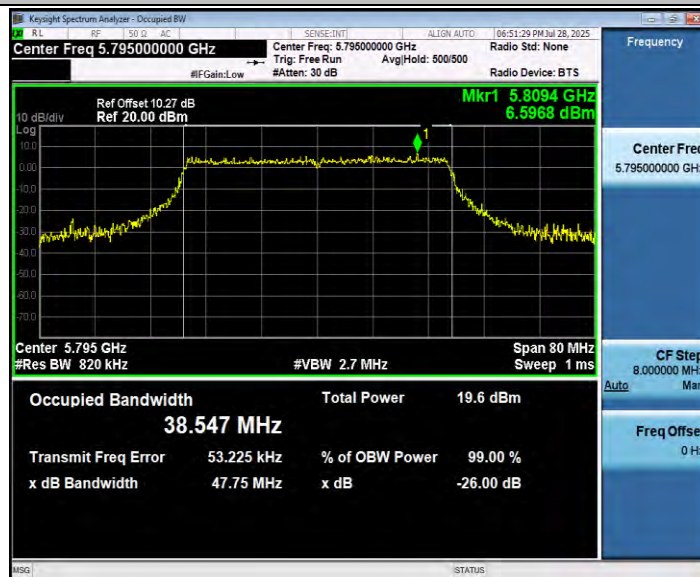
11AX20SISO_Ant1_5825



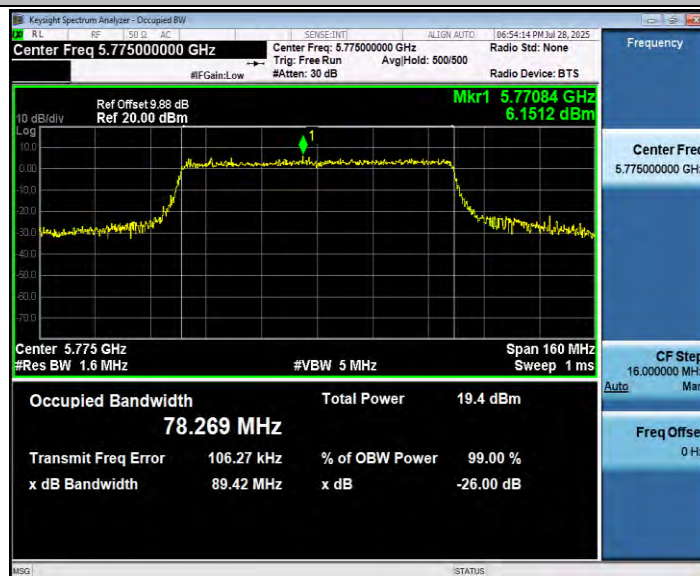
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775

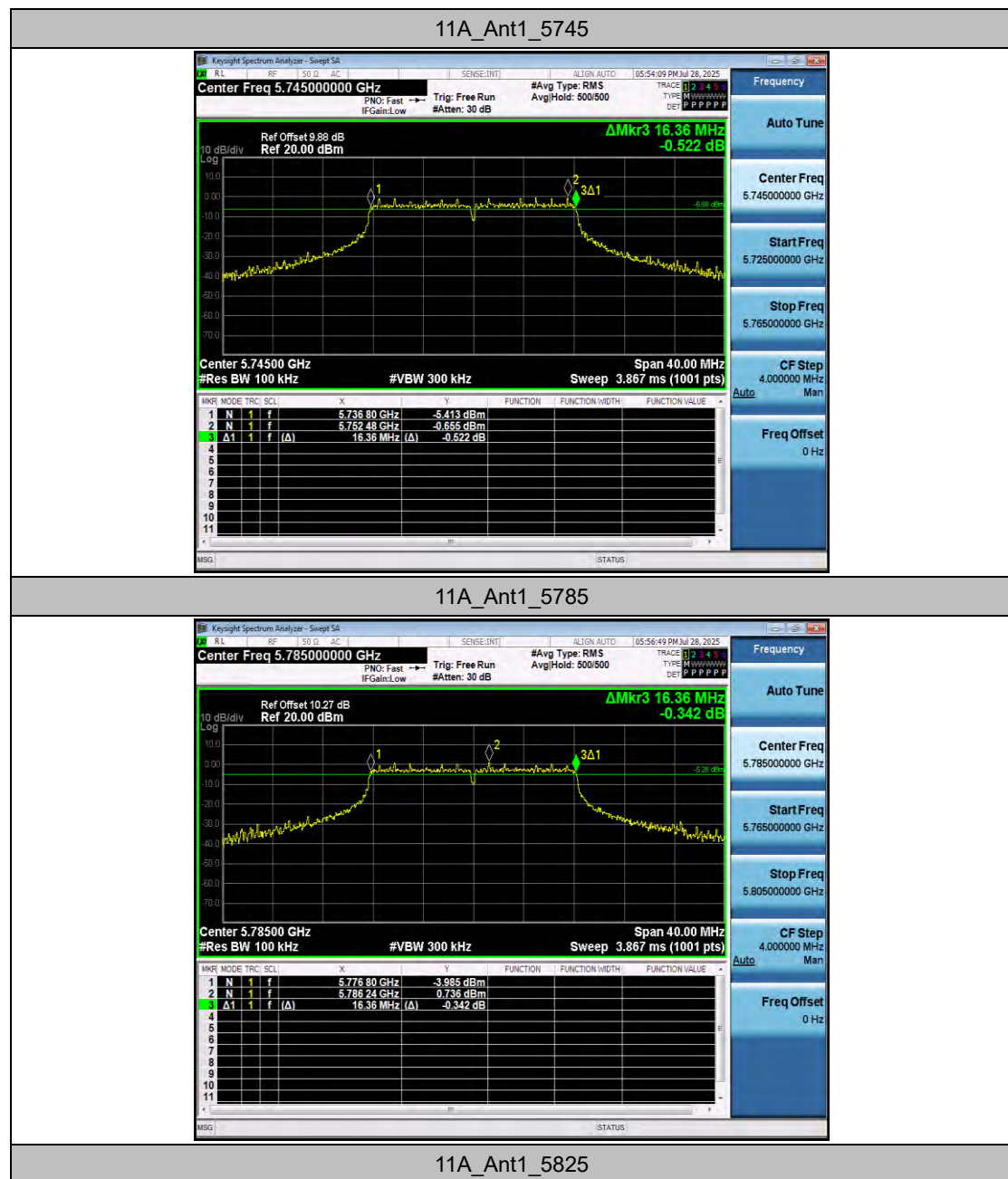


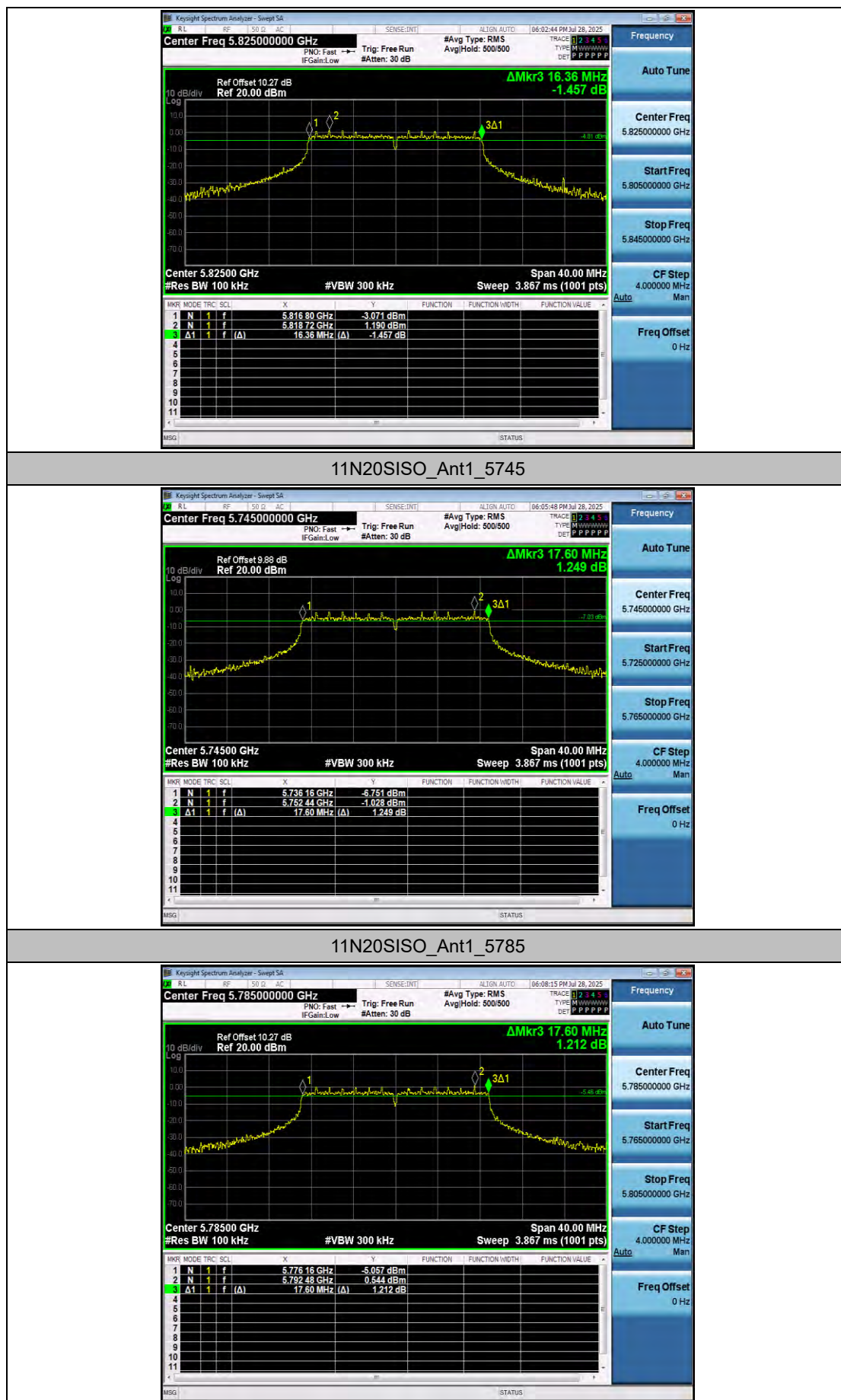
Appendix G.2: Min emission bandwidth

Test Result B4

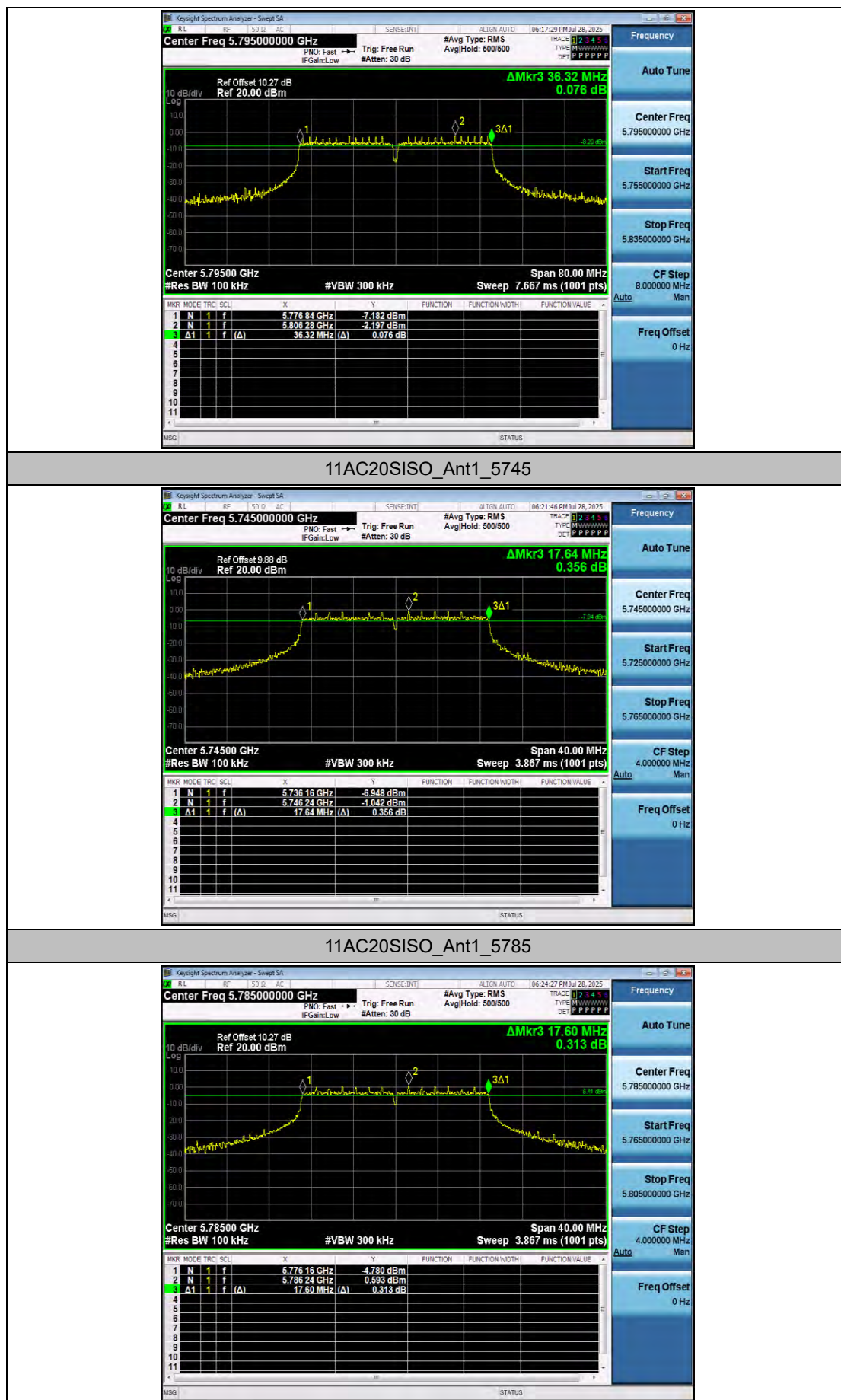
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.360	5776.800	5793.160	0.5	PASS
		5825	16.360	5816.800	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.160	5737.000	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	75.680	5737.400	5813.080	0.5	PASS
11AX20SISO	Ant1	5745	19.000	5735.480	5754.480	0.5	PASS
		5785	19.000	5775.480	5794.480	0.5	PASS
		5825	18.960	5815.480	5834.440	0.5	PASS
11AX40SISO	Ant1	5755	38.000	5736.040	5774.040	0.5	PASS
		5795	38.080	5775.960	5814.040	0.5	PASS
11AX80SISO	Ant1	5775	77.760	5736.280	5814.040	0.5	PASS

Test Graphs B4

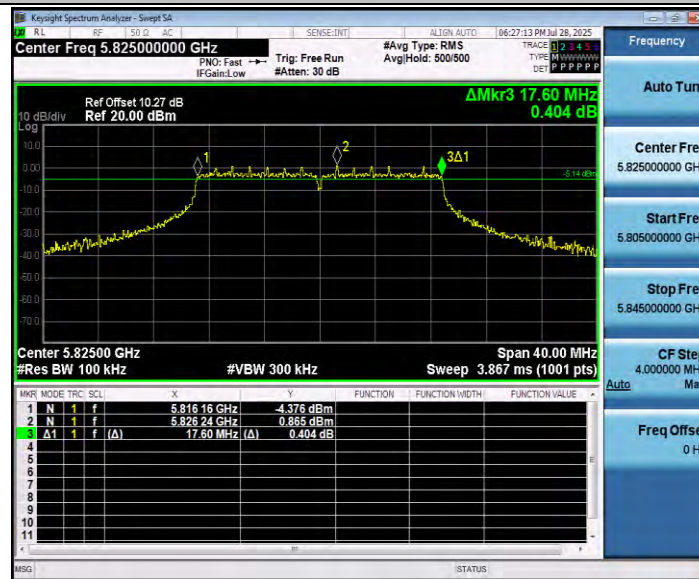




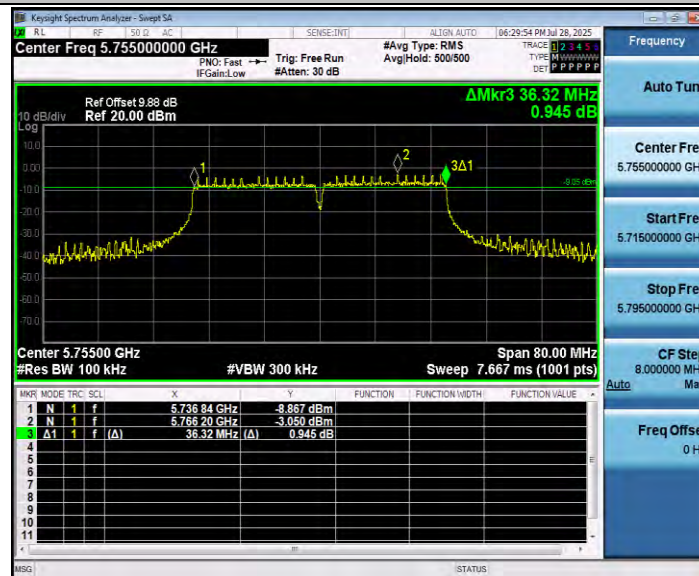




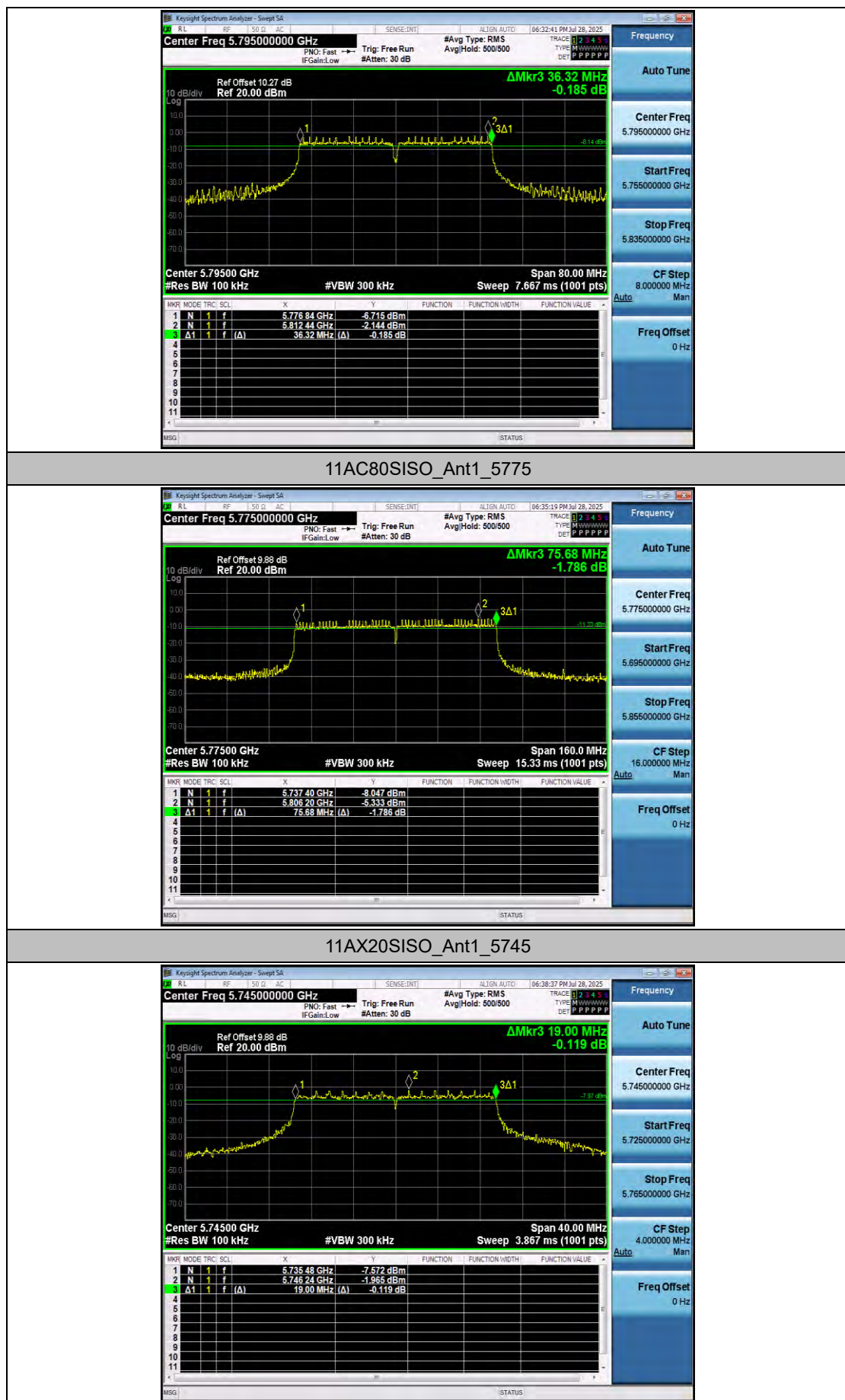
11AC20SISO_Ant1_5825



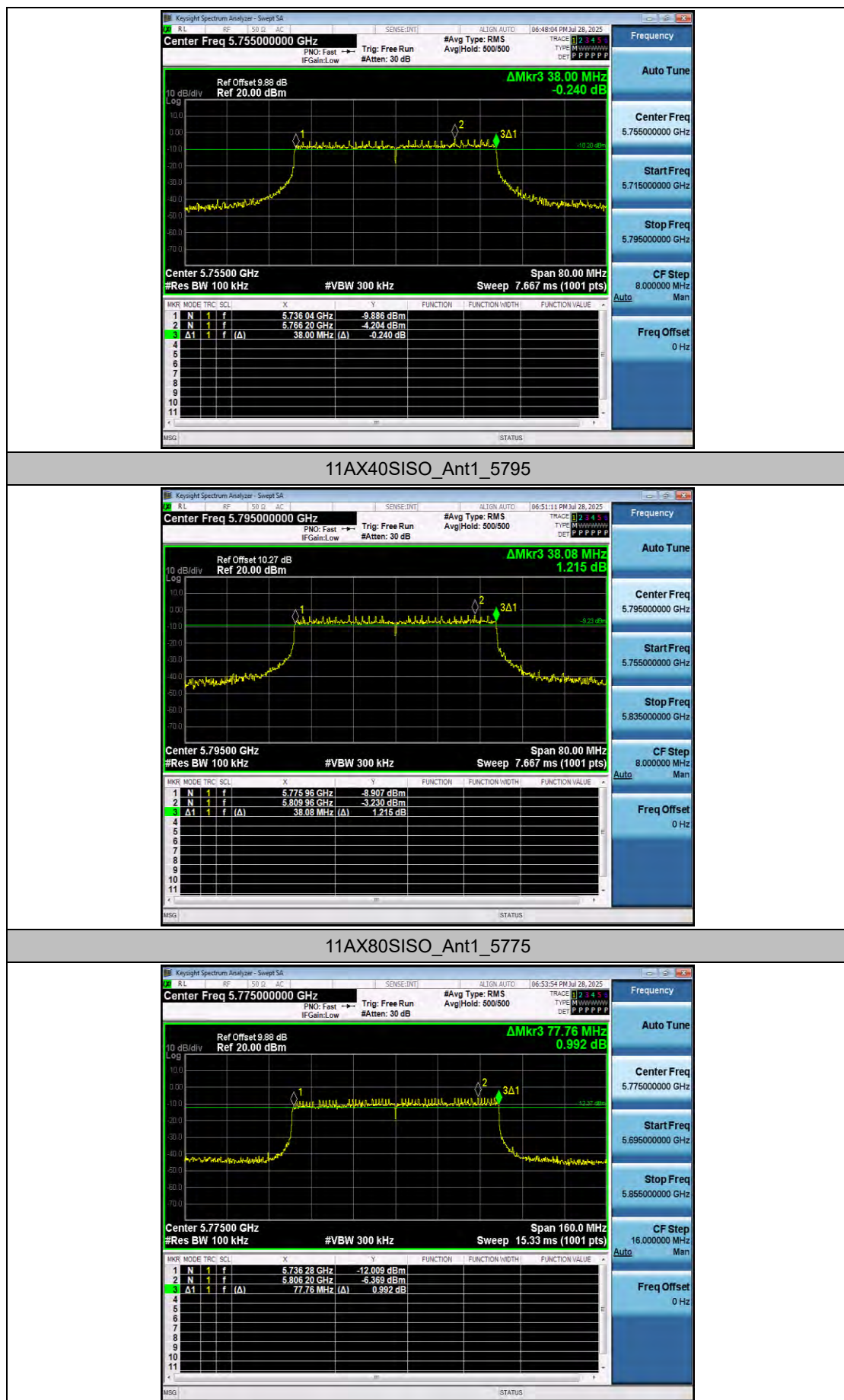
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795





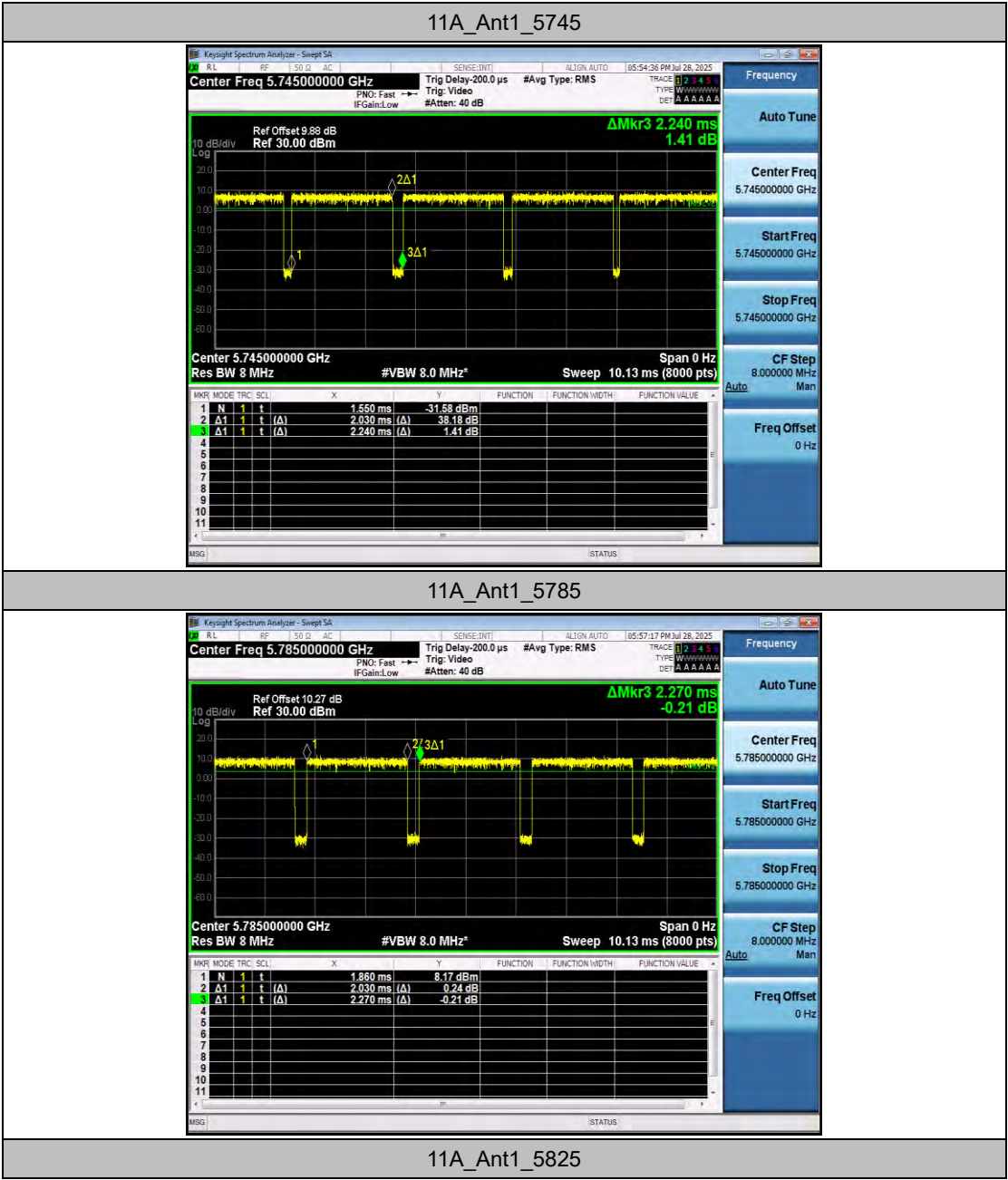


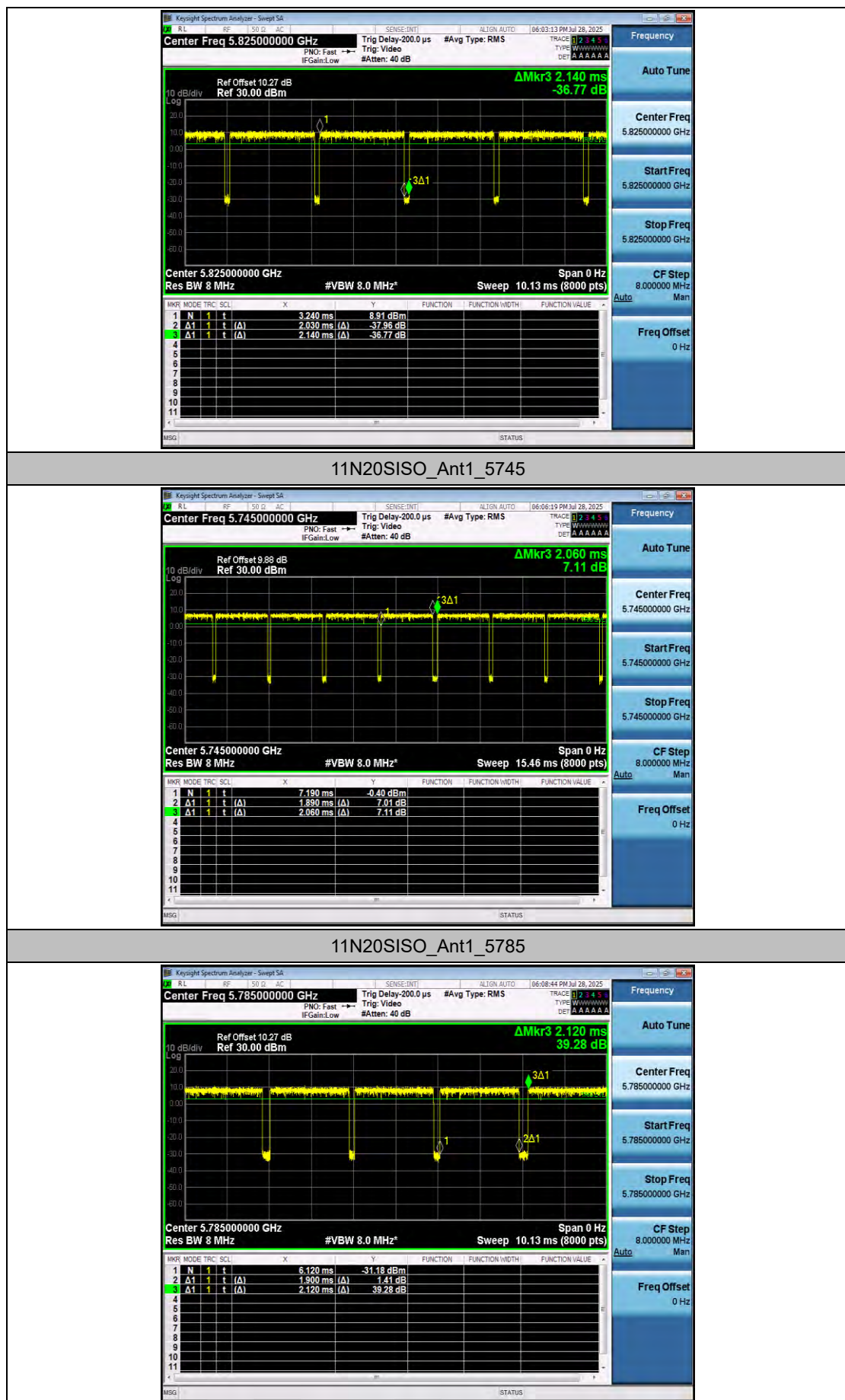
Appendix G.3: Duty Cycle

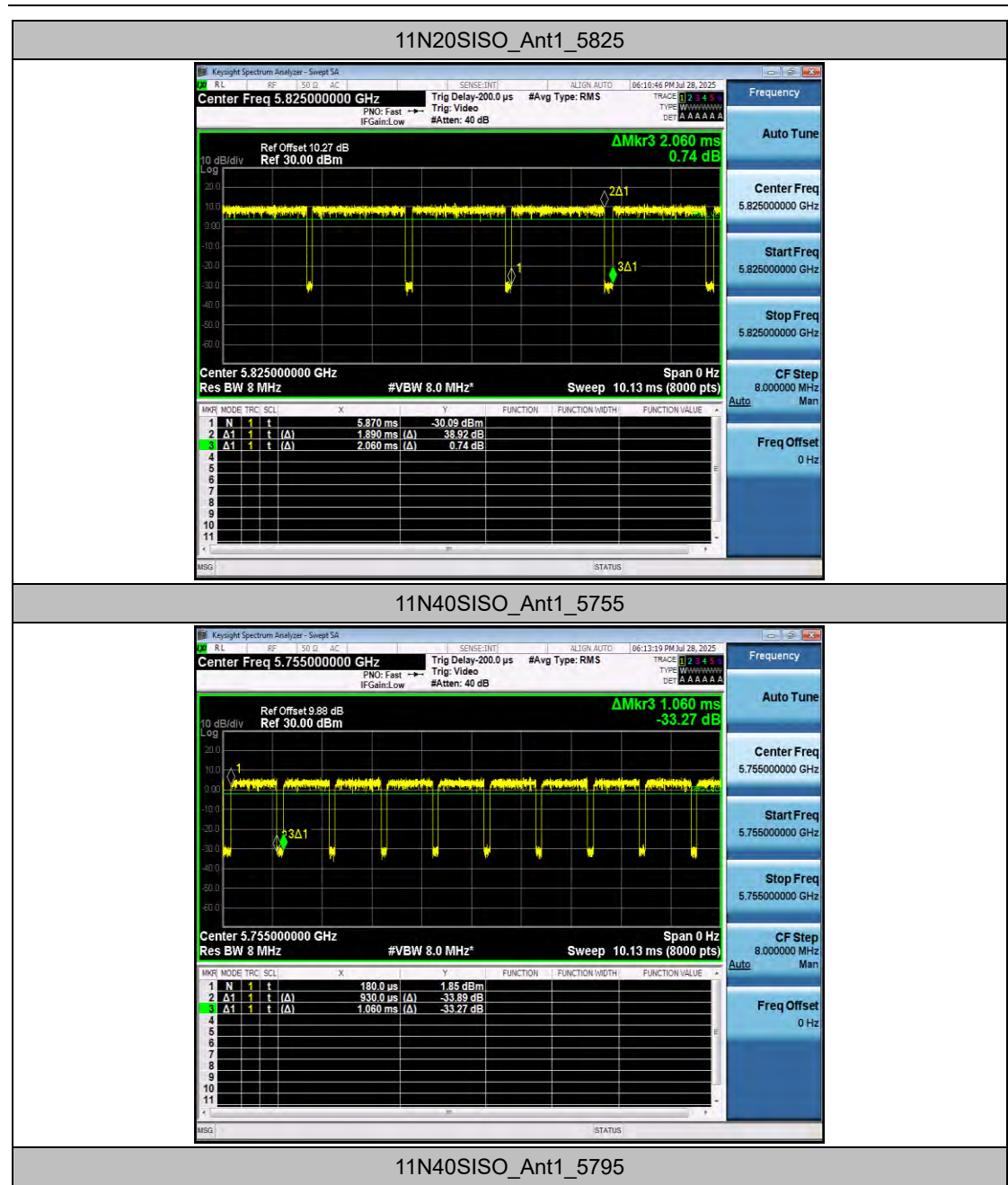
Test Result

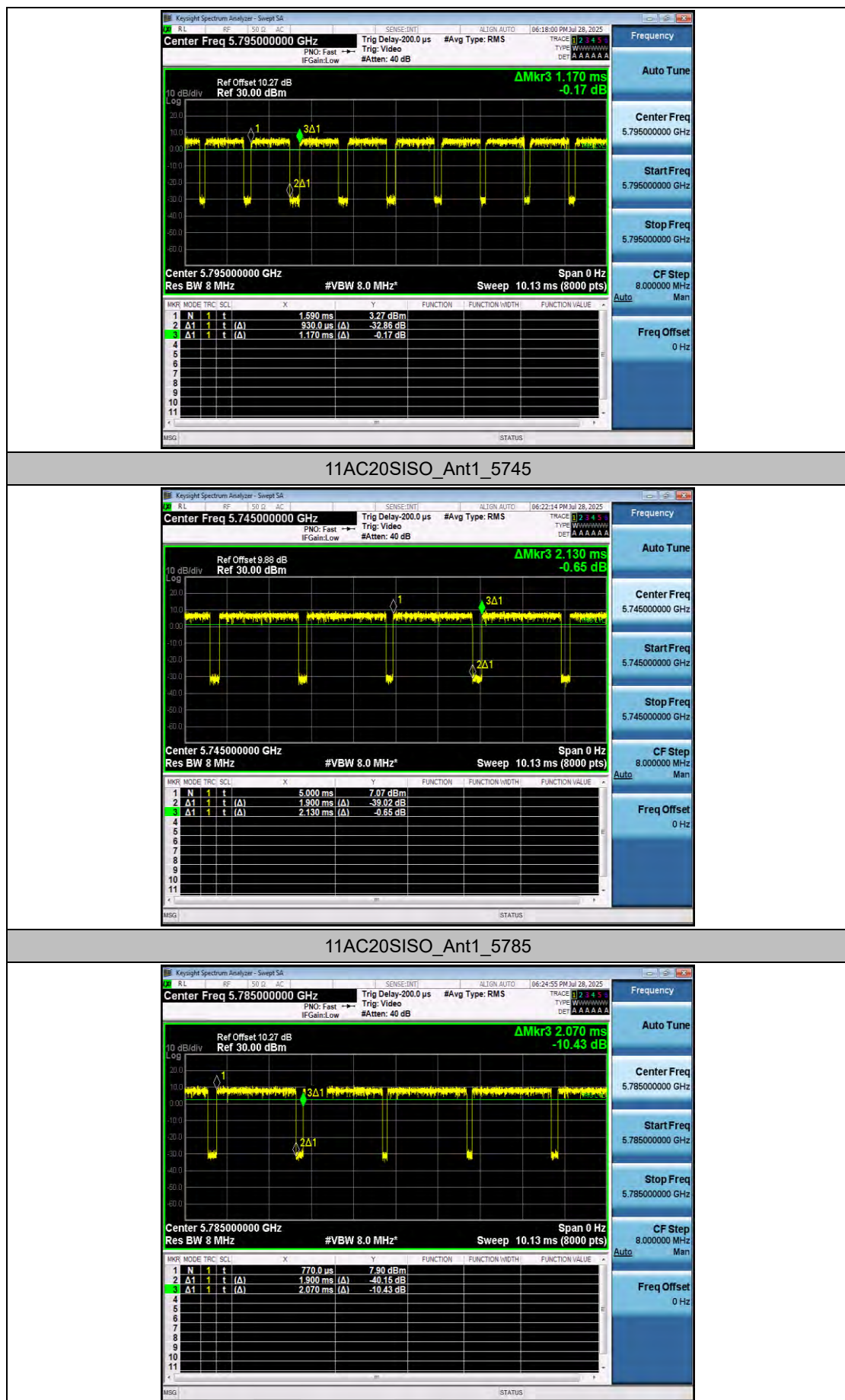
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.03	2.24	90.63	0.43	0.49
		5785	2.03	2.27	89.43	0.49	0.49
		5825	2.03	2.14	94.86	0.23	0.49
11N20SISO	Ant1	5745	1.89	2.06	91.75	0.37	0.53
		5785	1.90	2.12	89.62	0.48	0.53
		5825	1.89	2.06	91.75	0.37	0.53
11N40SISO	Ant1	5755	0.93	1.06	87.74	0.57	1.08
		5795	0.93	1.17	79.49	1.00	1.08
11AC20SISO	Ant1	5745	1.90	2.13	89.20	0.50	0.53
		5785	1.90	2.07	91.79	0.37	0.53
		5825	1.90	2.06	92.23	0.35	0.53
11AC40SISO	Ant1	5755	0.93	1.43	65.03	1.87	1.08
		5795	0.94	1.43	65.73	1.82	1.06
11AC80SISO	Ant1	5775	0.46	0.64	71.88	1.43	2.17
11AX20SISO	Ant1	5745	1.47	1.68	87.50	0.58	0.68
		5785	1.46	1.69	86.39	0.64	0.68
		5825	1.46	1.70	85.88	0.66	0.68
11AX40SISO	Ant1	5755	0.77	0.99	77.78	1.09	1.30
		5795	0.77	0.98	78.57	1.05	1.30
11AX80SISO	Ant1	5775	0.39	0.63	61.90	2.08	2.56

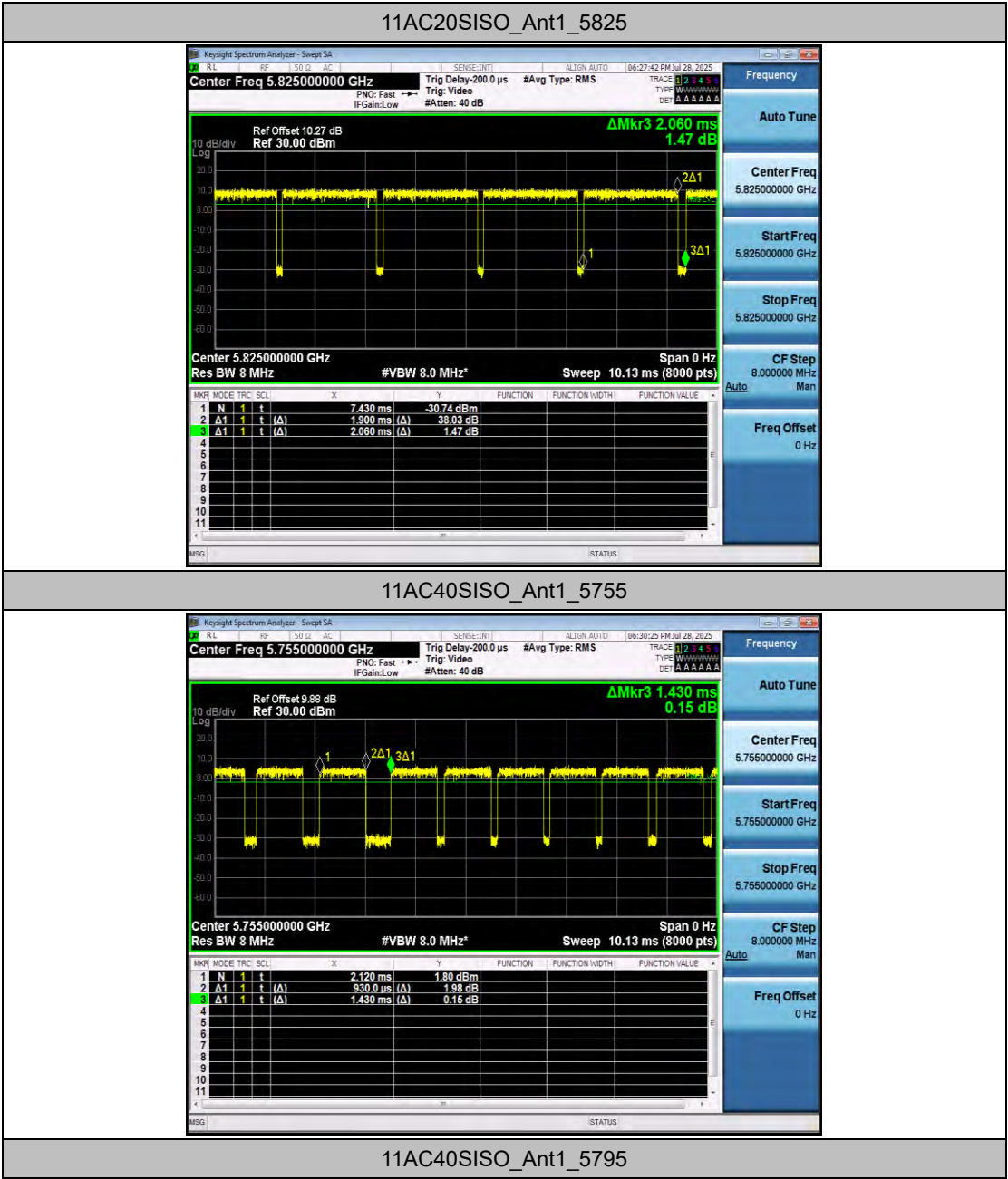
Test Graphs

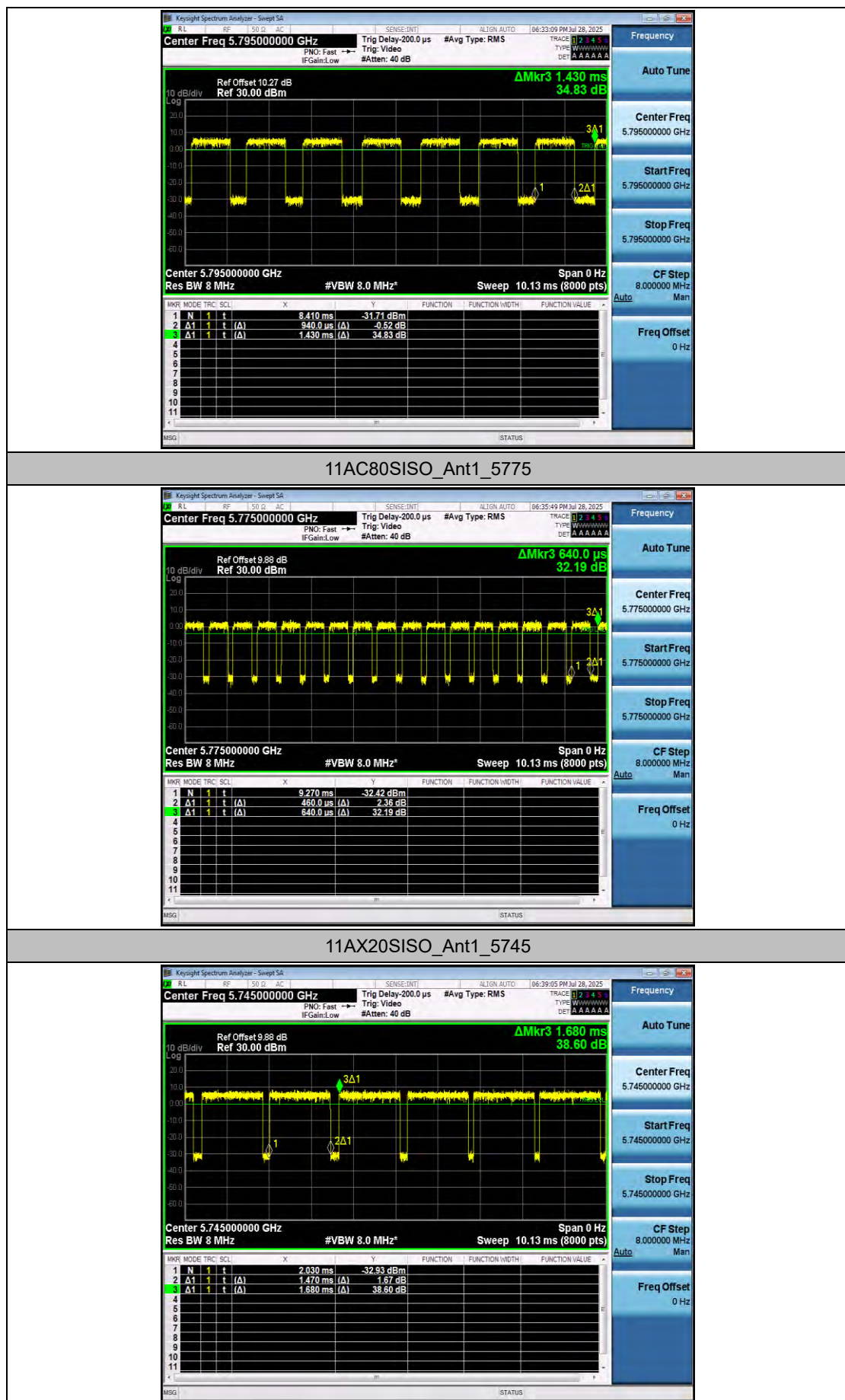


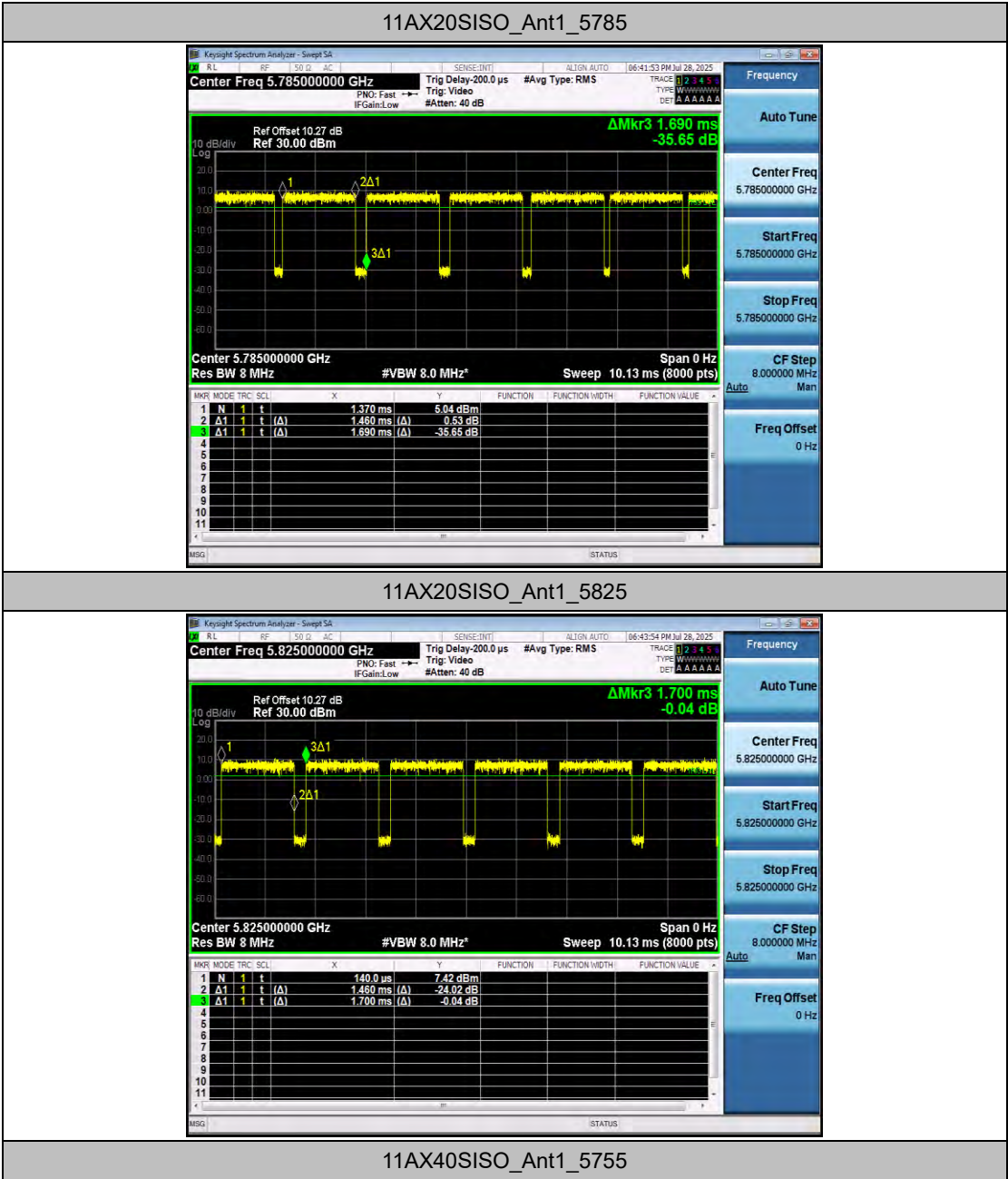


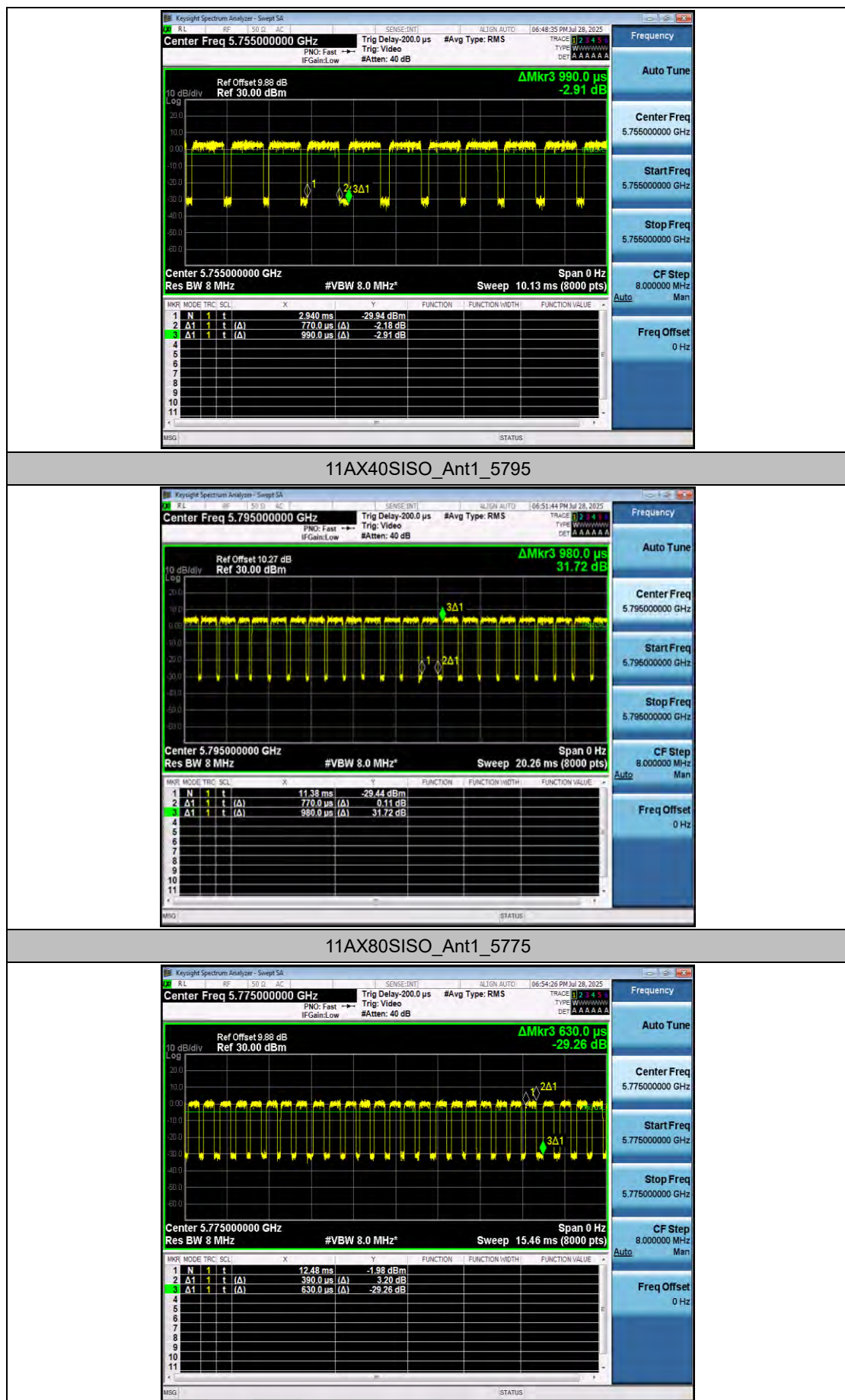












Appendix G.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	10.08	90.63	0.43	10.51	≤30.00	PASS
		5785	11.79	89.43	0.49	12.28	≤30.00	PASS
		5825	12.13	94.86	0.23	12.36	≤30.00	PASS
11N20SISO	Ant1	5745	9.91	91.75	0.37	10.28	≤30.00	PASS
		5785	11.52	89.62	0.48	12.00	≤30.00	PASS
		5825	11.99	91.75	0.37	12.36	≤30.00	PASS
11N40SISO	Ant1	5755	9.82	87.74	0.57	10.39	≤30.00	PASS
		5795	11.09	79.49	1.00	12.09	≤30.00	PASS
11AC20SISO	Ant1	5745	9.91	89.20	0.50	10.41	≤30.00	PASS
		5785	11.34	91.79	0.37	11.71	≤30.00	PASS
		5825	11.89	92.23	0.35	12.24	≤30.00	PASS
11AC40SISO	Ant1	5755	9.77	65.03	1.87	11.64	≤30.00	PASS
		5795	11.08	65.73	1.82	12.90	≤30.00	PASS
11AC80SISO	Ant1	5775	10.03	71.88	1.43	11.46	≤30.00	PASS
11AX20SISO	Ant1	5745	8.88	87.50	0.58	9.46	≤30.00	PASS
		5785	10.50	86.39	0.64	11.14	≤30.00	PASS
		5825	10.85	85.88	0.66	11.51	≤30.00	PASS
11AX40SISO	Ant1	5755	8.70	77.78	1.09	9.79	≤30.00	PASS
		5795	9.26	78.57	1.05	10.31	≤30.00	PASS
11AX80SISO	Ant1	5775	8.58	61.90	2.08	10.66	≤30.00	PASS

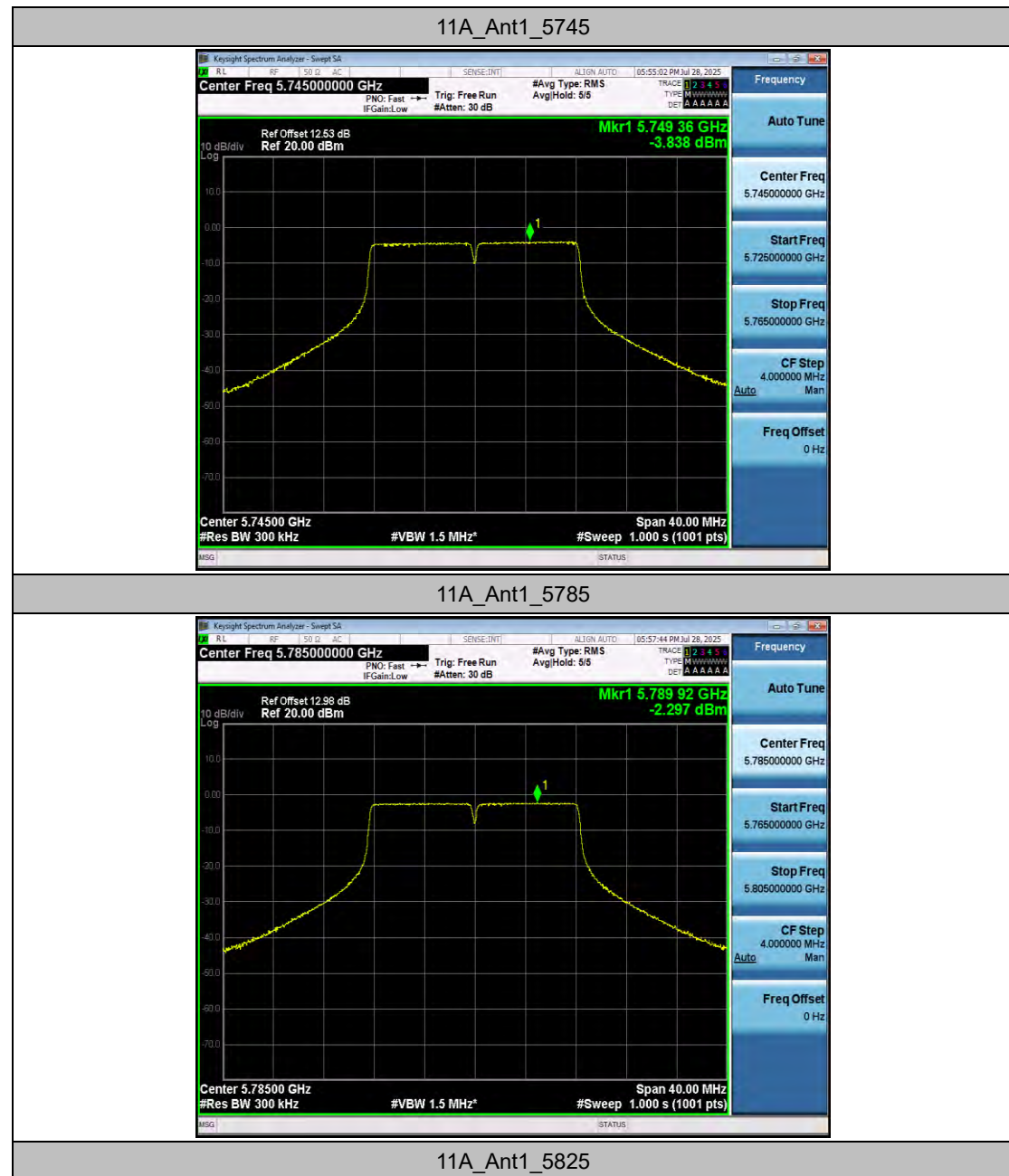
Appendix G.5: Maximum power spectral density

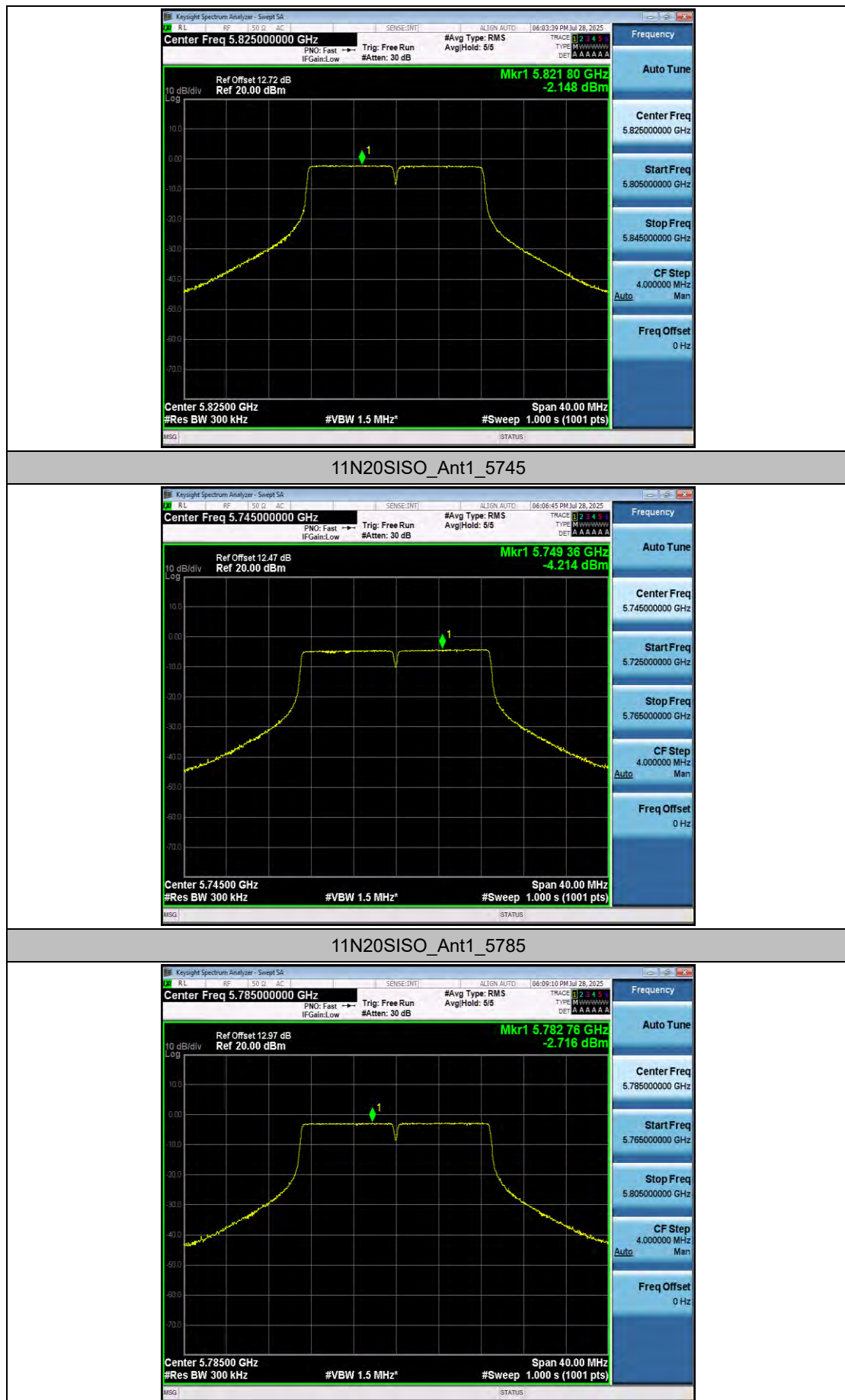
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-3.84	≤30.00	PASS
		5785	-2.30	≤30.00	PASS
		5825	-2.15	≤30.00	PASS
11N20SISO	Ant1	5745	-4.21	≤30.00	PASS
		5785	-2.72	≤30.00	PASS
		5825	-2.27	≤30.00	PASS
11N40SISO	Ant1	5755	-6.60	≤30.00	PASS
		5795	-5.05	≤30.00	PASS
11AC20SISO	Ant1	5745	-3.94	≤30.00	PASS
		5785	-2.73	≤30.00	PASS
		5825	-2.27	≤30.00	PASS
11AC40SISO	Ant1	5755	-5.07	≤30.00	PASS
		5795	-4.31	≤30.00	PASS
11AC80SISO	Ant1	5775	-8.37	≤30.00	PASS
11AX20SISO	Ant1	5745	-5.36	≤30.00	PASS
		5785	-3.89	≤30.00	PASS
		5825	-3.42	≤30.00	PASS
11AX40SISO	Ant1	5755	-7.34	≤30.00	PASS
		5795	-6.39	≤30.00	PASS
11AX80SISO	Ant1	5775	-9.16	≤30.00	PASS

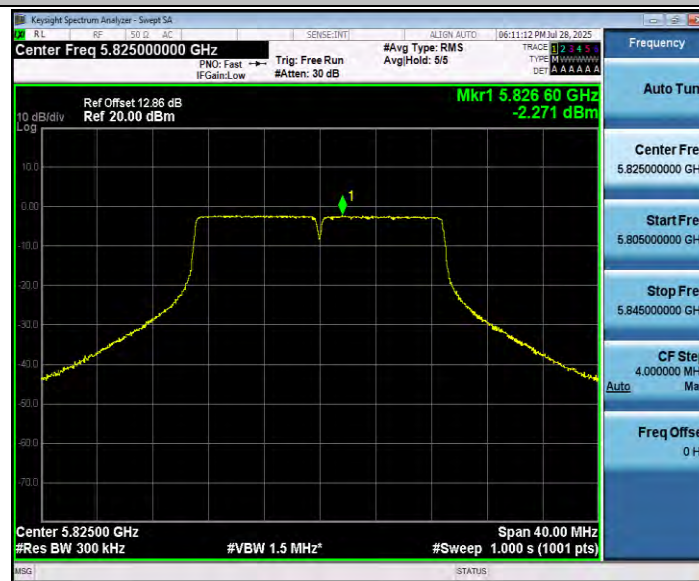
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





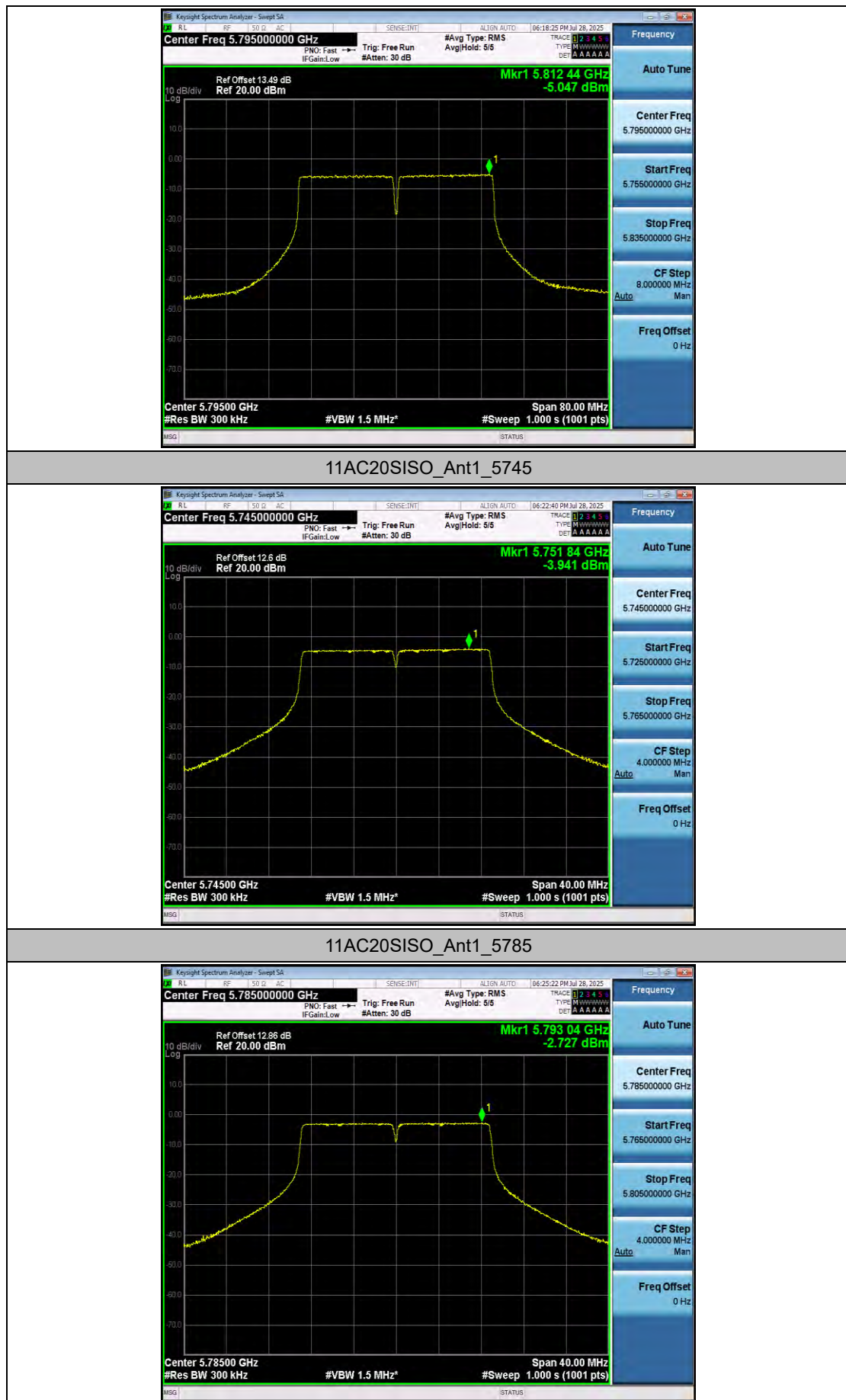
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



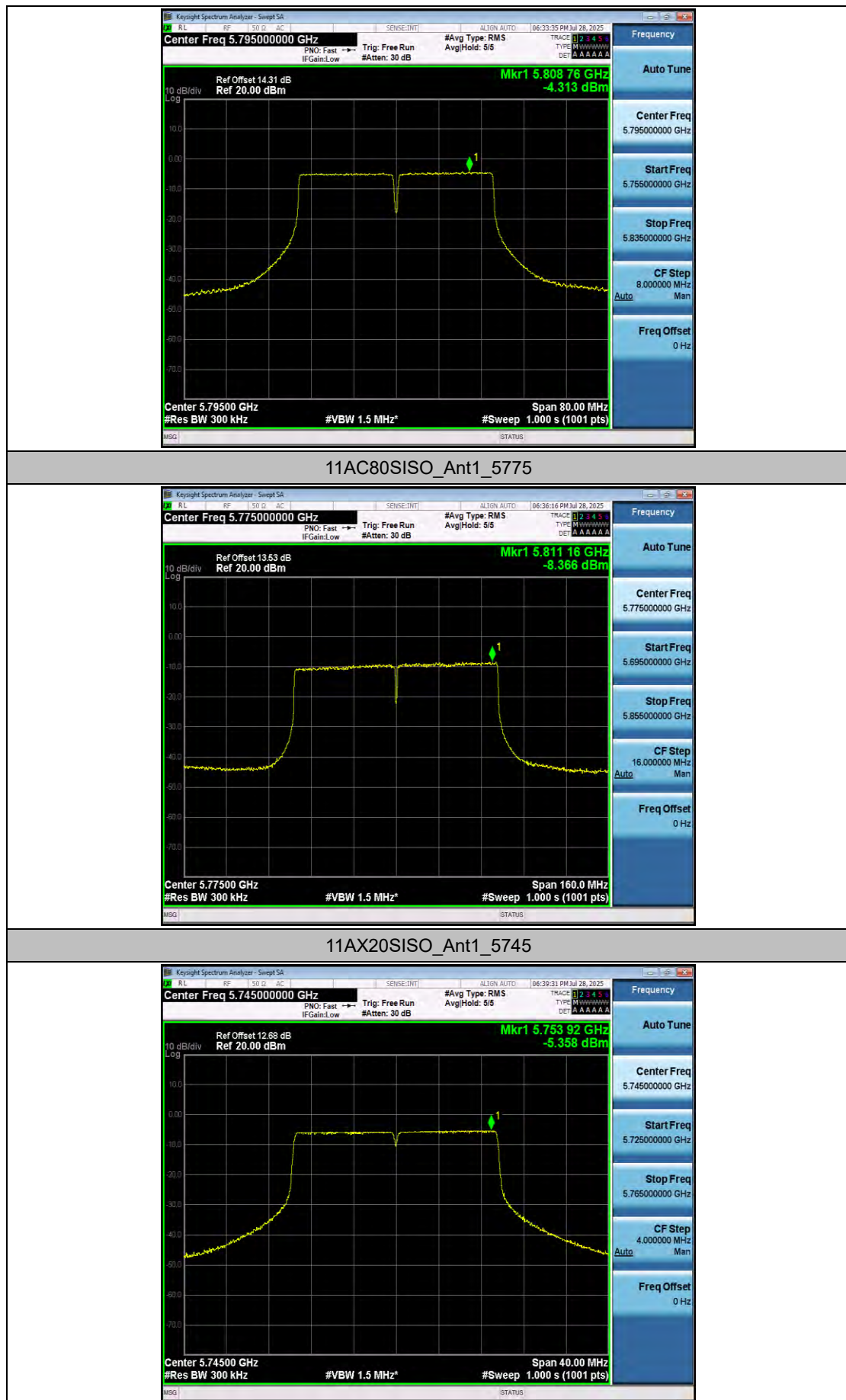
11AC20SISO_Ant1_5825



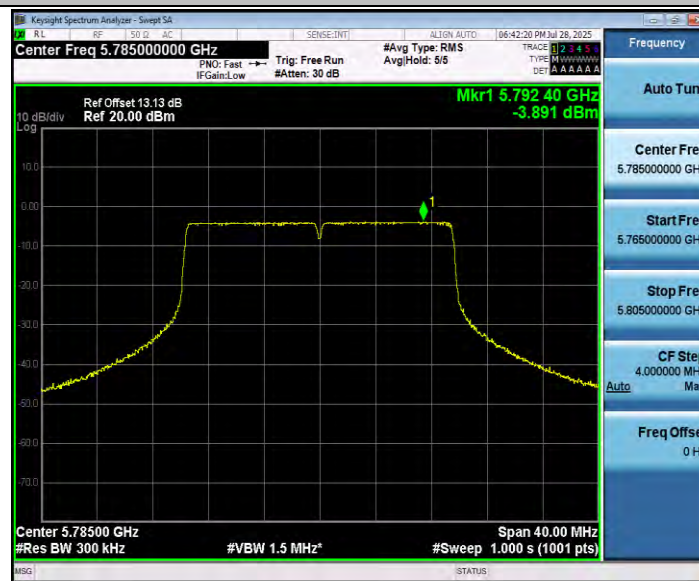
11AC40SISO_Ant1_5755



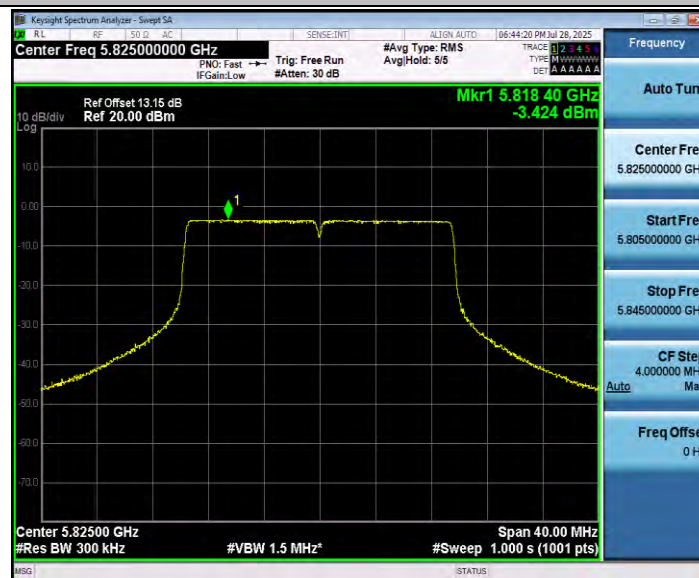
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755

