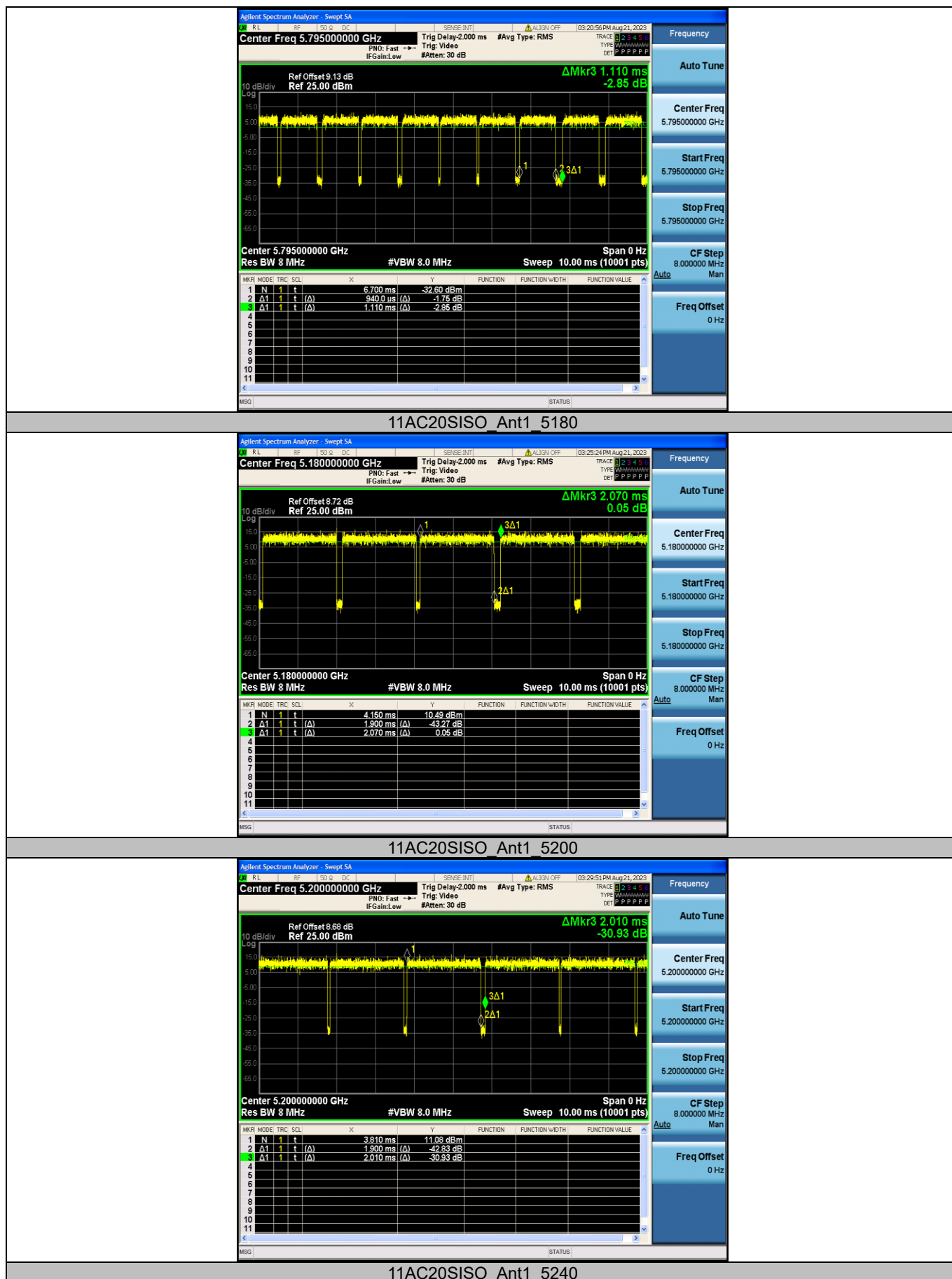




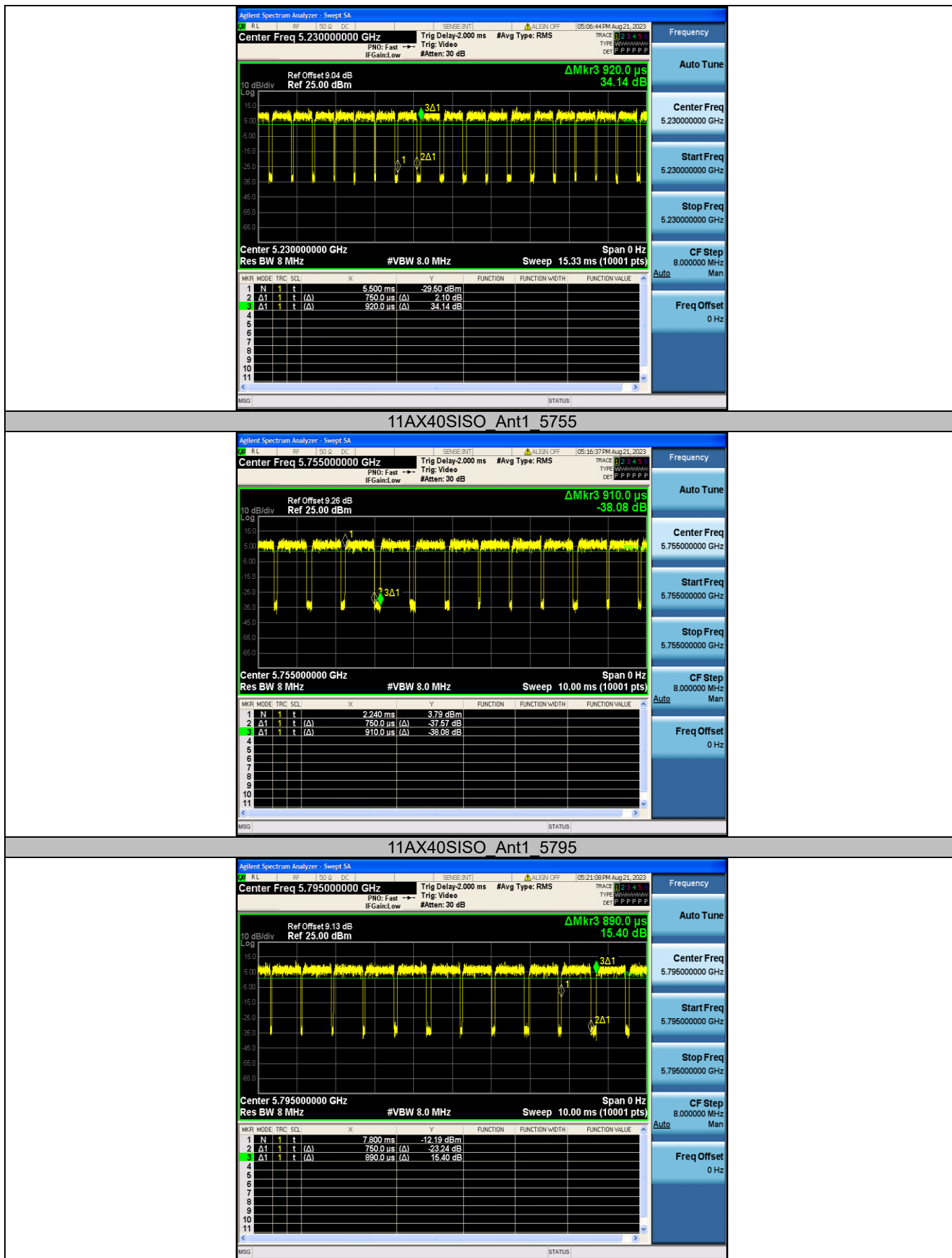












Appendix C: Maximum conducted output power

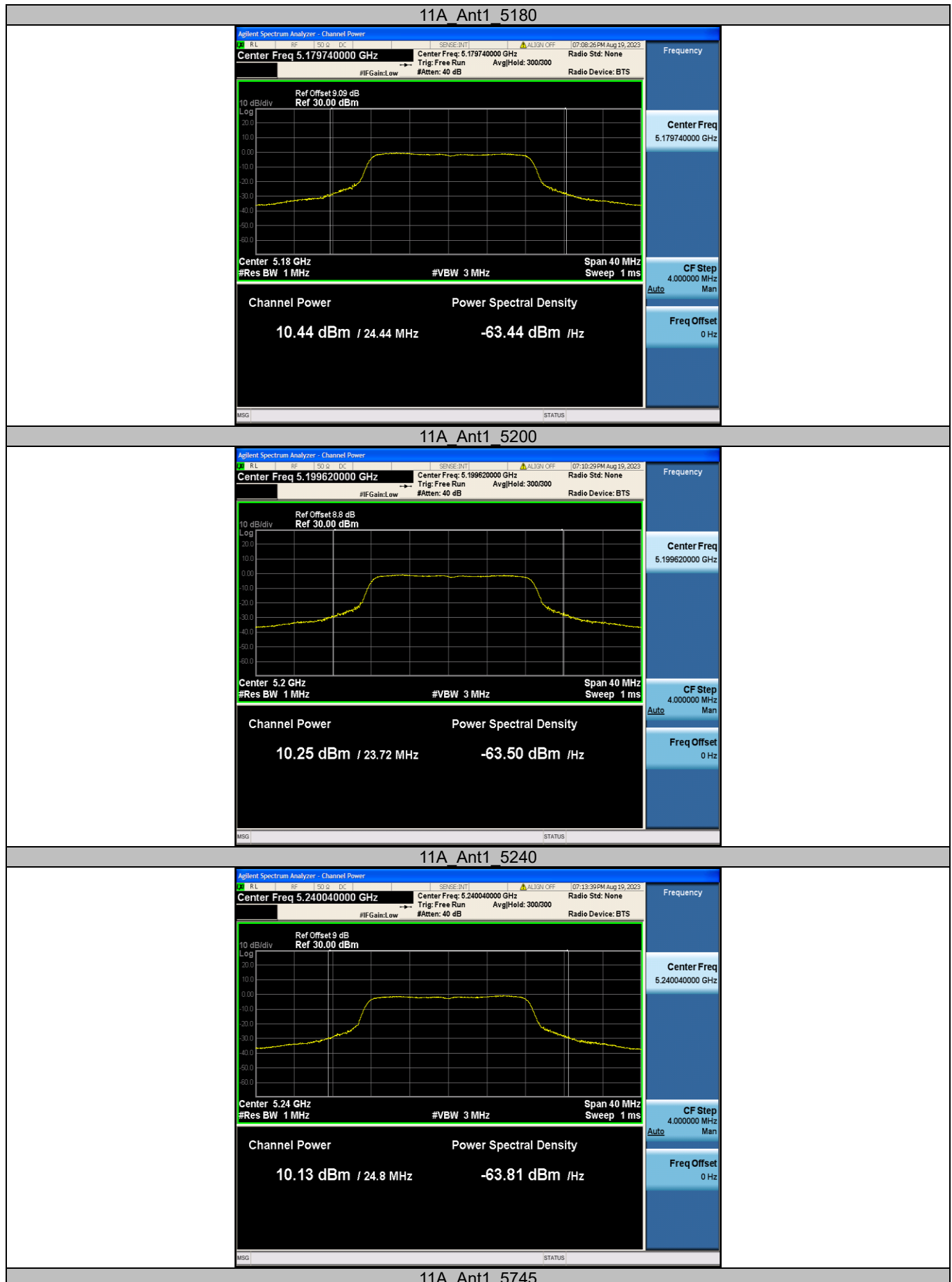
Test Result Channel Power

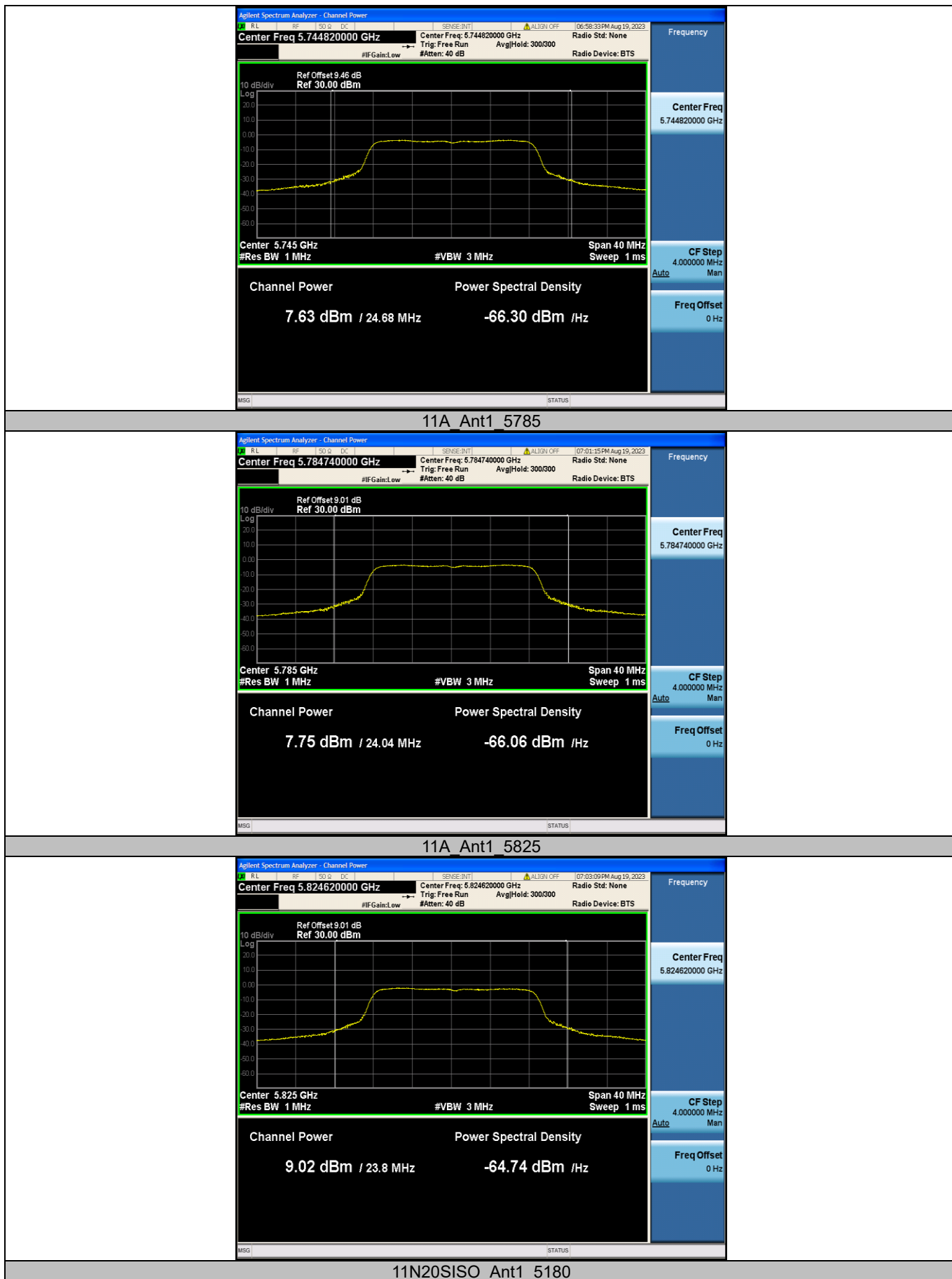
Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	EIRP [dBm]	Verdict
11A	Ant1	5180	10.44	94.42	0.25	10.69	≤23.98	13.71	PASS
		5200	10.25	96.21	0.17	10.42	≤23.98	13.44	PASS
		5240	10.13	94.42	0.25	10.38	≤23.98	13.4	PASS
		5745	7.63	93.15	0.31	7.94	≤30.00	10.96	PASS
		5785	7.75	91.86	0.37	8.12	≤30.00	11.14	PASS
		5825	9.02	90.67	0.43	9.45	≤30.00	12.47	PASS
11N20SIS O	Ant1	5180	10.32	91.75	0.37	10.69	≤23.98	13.71	PASS
		5200	10.39	91.75	0.37	10.76	≤23.98	13.78	PASS
		5240	10.08	92.65	0.33	10.41	≤23.98	13.43	PASS
		5745	7.43	92.65	0.33	7.76	≤30.00	10.78	PASS
		5785	7.74	94.03	0.27	8.01	≤30.00	11.03	PASS
		5825	8.80	91.30	0.40	9.2	≤30.00	12.22	PASS
11N40SIS O	Ant1	5190	10.04	83.78	0.77	10.81	23.98	13.83	PASS
		5230	10.01	80.87	0.92	10.93	23.98	13.95	PASS
		5755	7.31	81.03	0.91	8.22	≤30.00	11.24	PASS
		5795	7.37	84.68	0.72	8.09	≤30.00	11.11	PASS
11AC20SIS O	Ant1	5180	10.07	91.79	0.37	10.44	≤23.98	13.46	PASS
		5200	9.96	94.53	0.24	10.2	≤23.98	13.22	PASS
		5240	10.29	91.35	0.39	10.68	≤23.98	13.7	PASS
		5745	7.30	93.60	0.29	7.59	≤30.00	10.61	PASS
		5785	7.10	90.48	0.43	7.53	≤30.00	10.55	PASS
		5825	8.21	92.23	0.35	8.56	≤30.00	11.58	PASS
11AC40SIS O	Ant1	5190	10.12	81.03	0.91	11.03	≤23.98	14.05	PASS
		5230	10.40	87.85	0.56	10.96	≤23.98	13.98	PASS
		5755	7.24	85.32	0.69	7.93	≤30.00	10.95	PASS
		5795	7.68	83.78	0.77	8.45	≤30.00	11.47	PASS
11AX20SIS O	Ant1	5180	9.12	90.12	0.45	9.57	≤23.98	12.59	PASS
		5200	9.13	90.68	0.42	9.55	≤23.98	12.57	PASS
		5240	9.07	90.68	0.42	9.49	≤23.98	12.51	PASS
		5745	7.17	90.68	0.42	7.59	≤30.00	10.61	PASS
		5785	7.23	90.63	0.43	7.66	≤30.00	10.68	PASS
		5825	8.23	88.96	0.51	8.74	≤30.00	11.76	PASS
11AX40SIS O	Ant1	5190	9.29	82.42	0.84	10.13	≤23.98	13.15	PASS
		5230	9.10	81.52	0.89	9.99	≤23.98	13.01	PASS
		5755	6.87	82.42	0.84	7.71	≤30.00	10.73	PASS
		5795	7.49	84.27	0.74	8.23	≤30.00	11.25	PASS

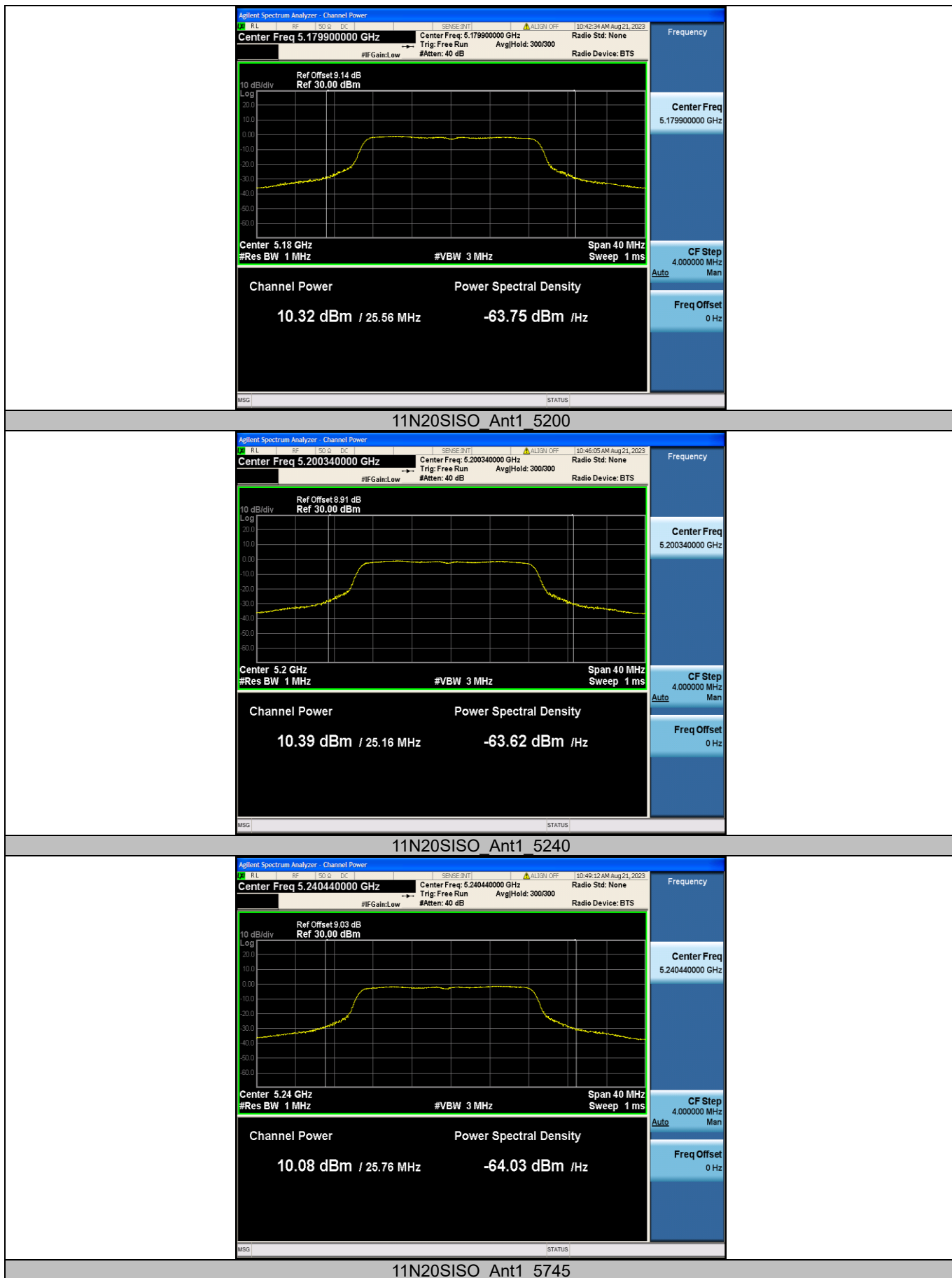
Note: 1. Antenna Gain: 3.02 dBi

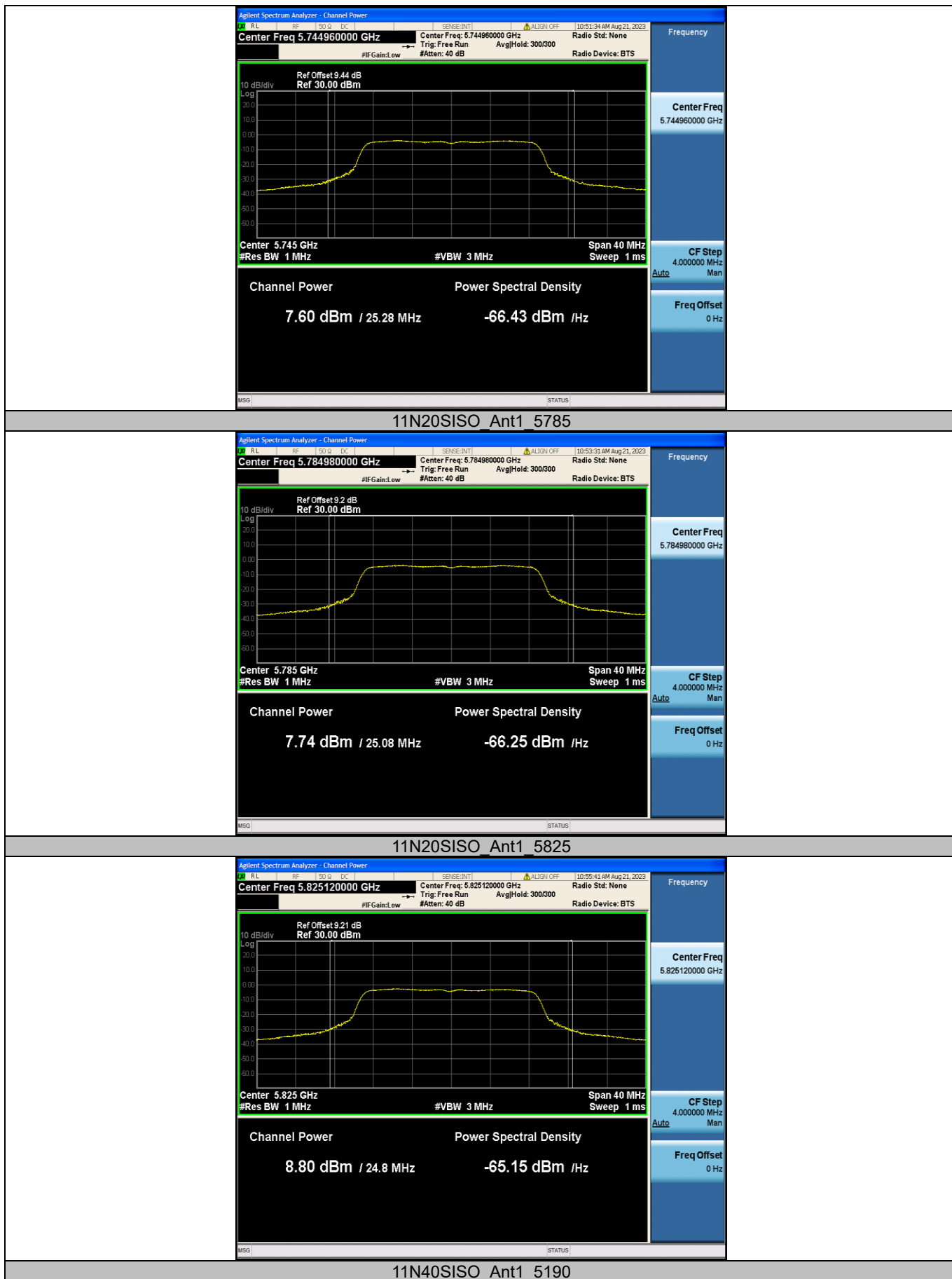
2. The Duty Cycle Factor is $10 \cdot \log(1/\text{duty cycle})$

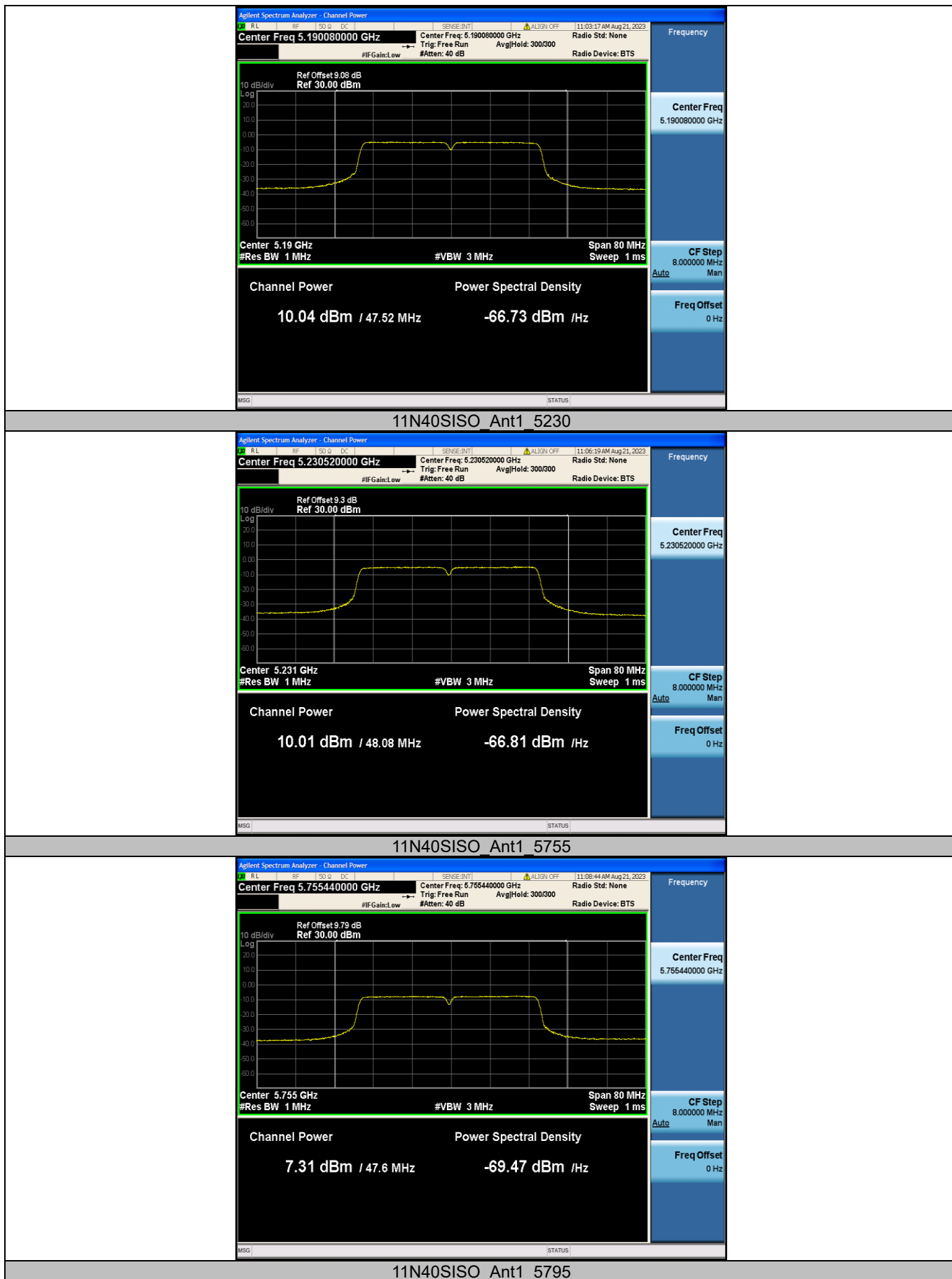
Test Graphs

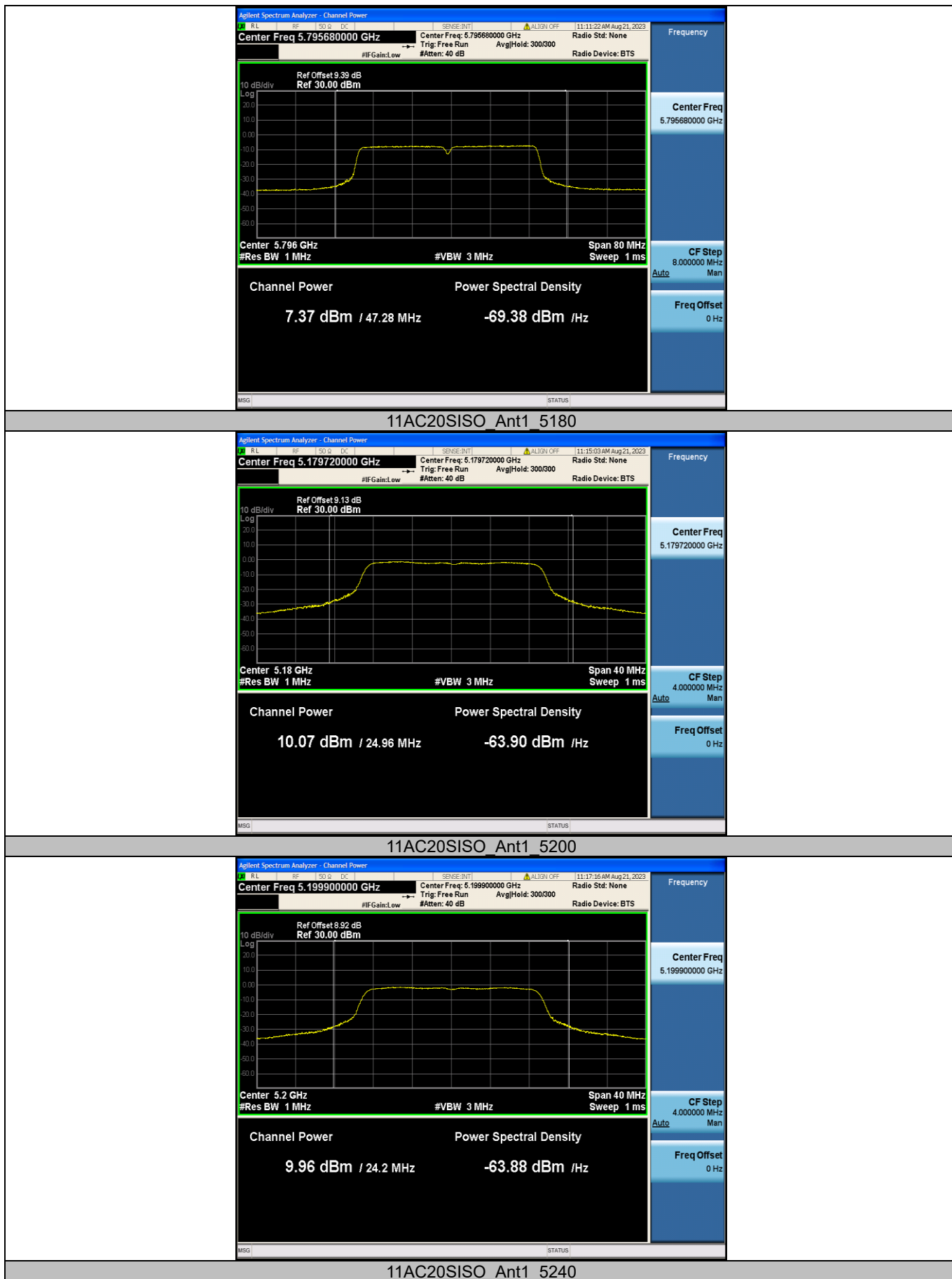


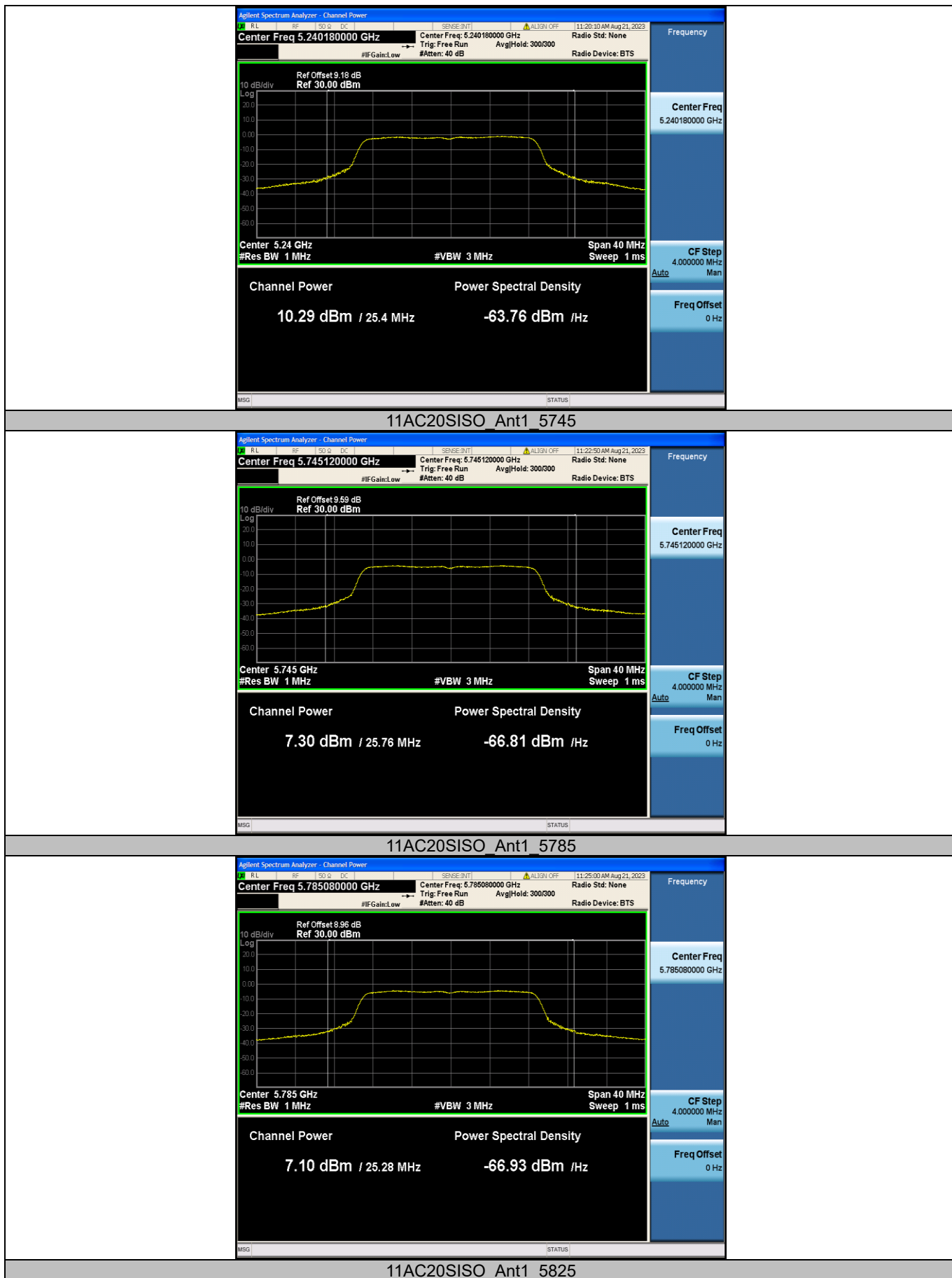


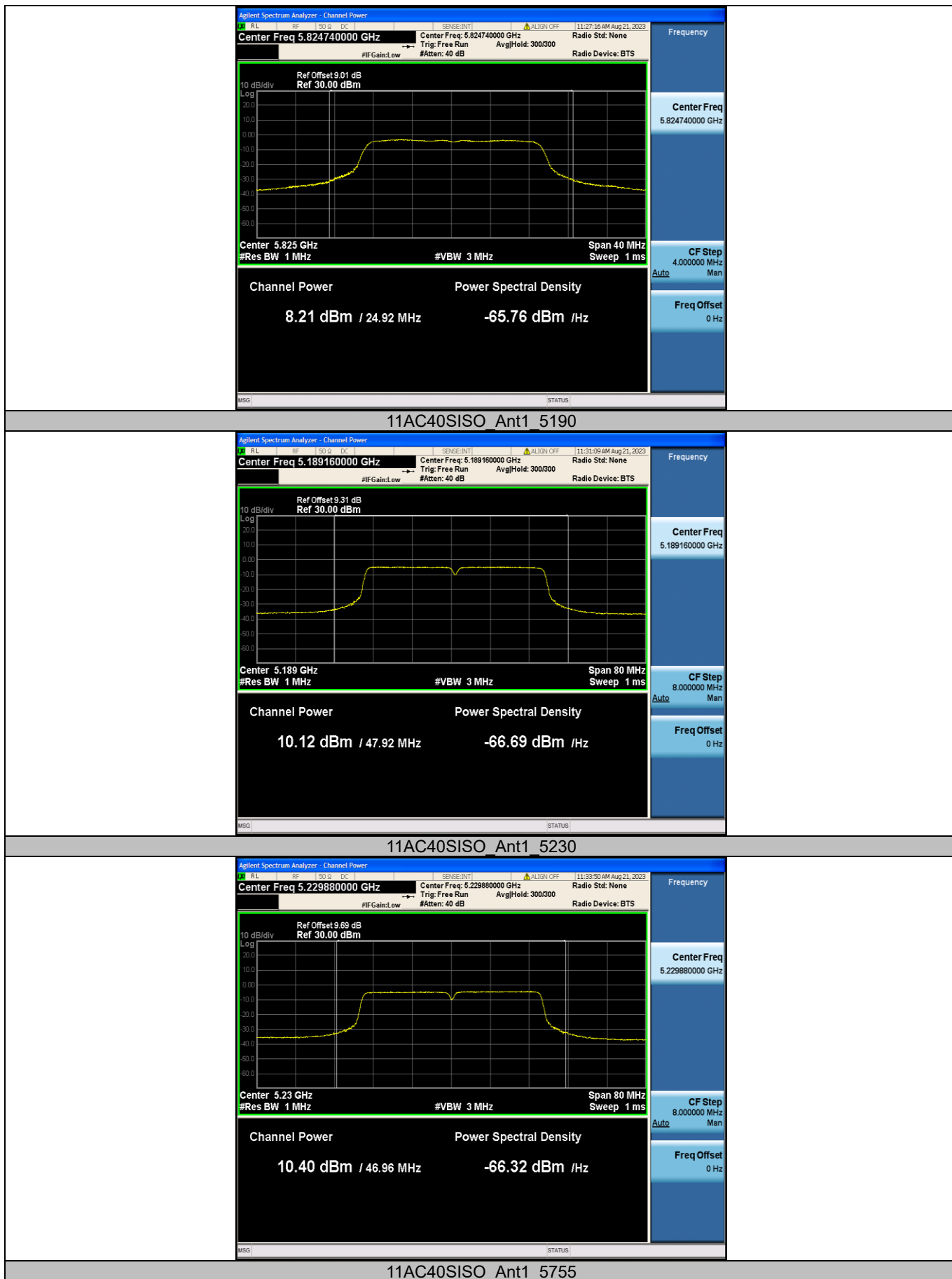


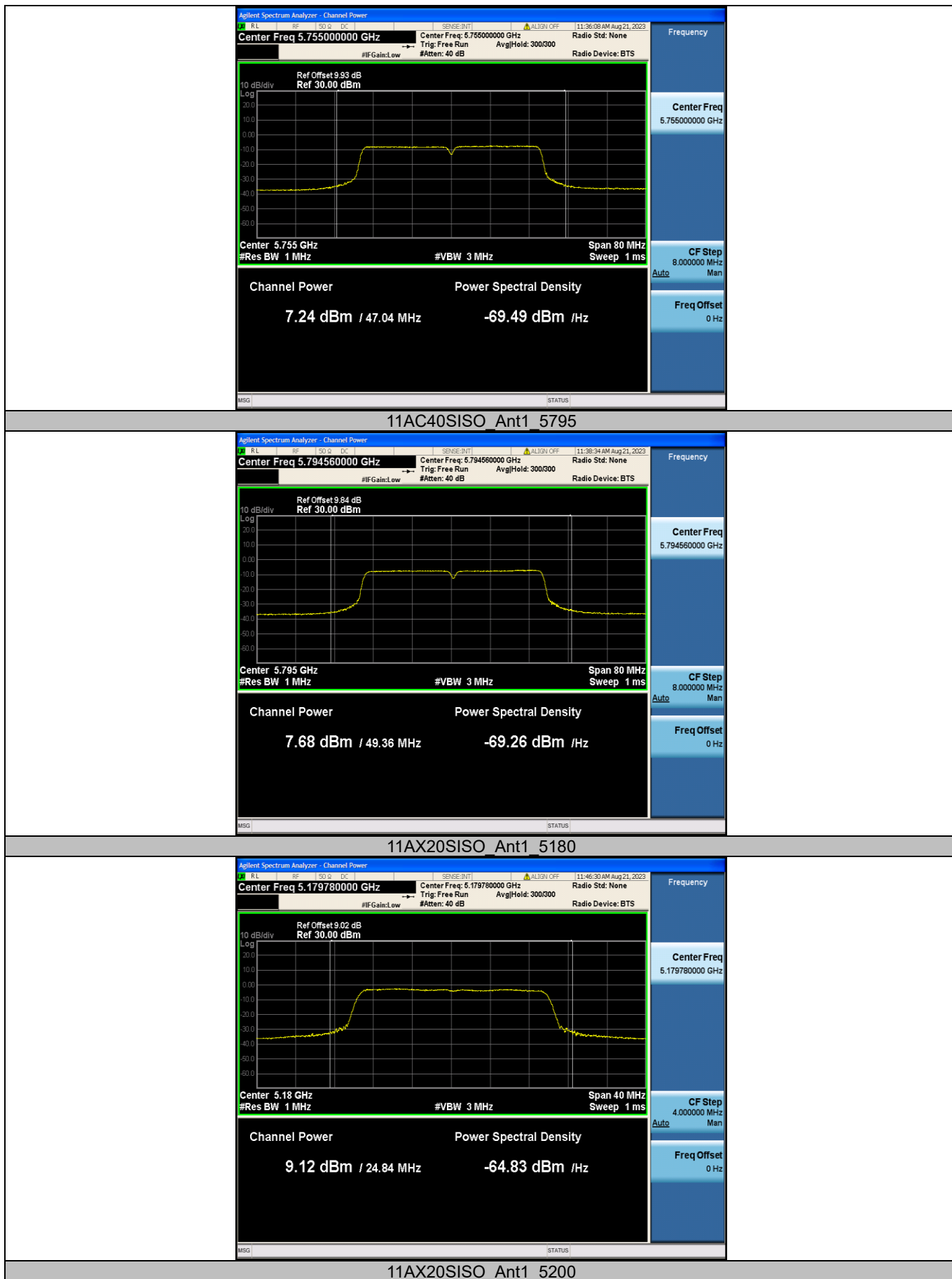


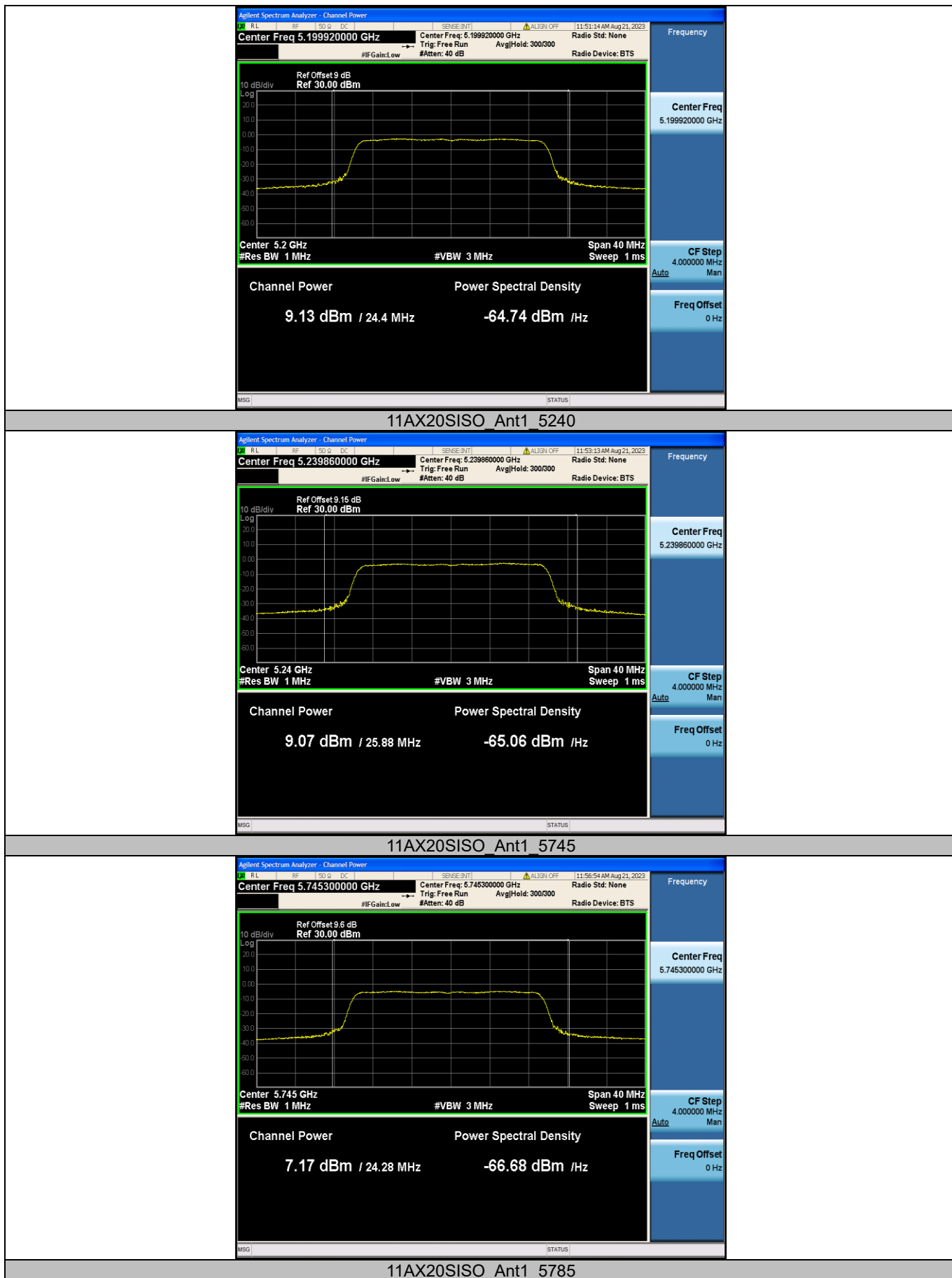


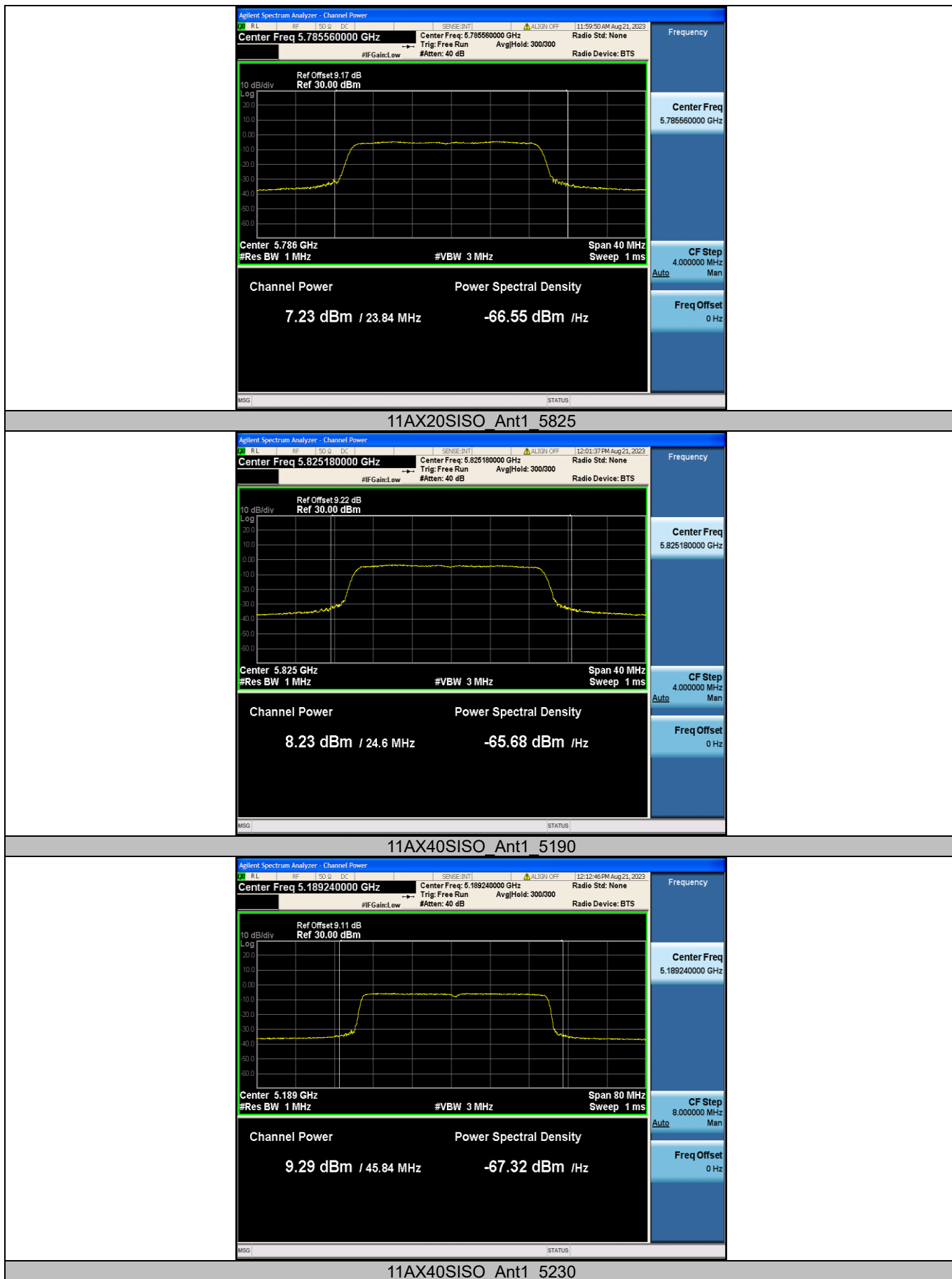


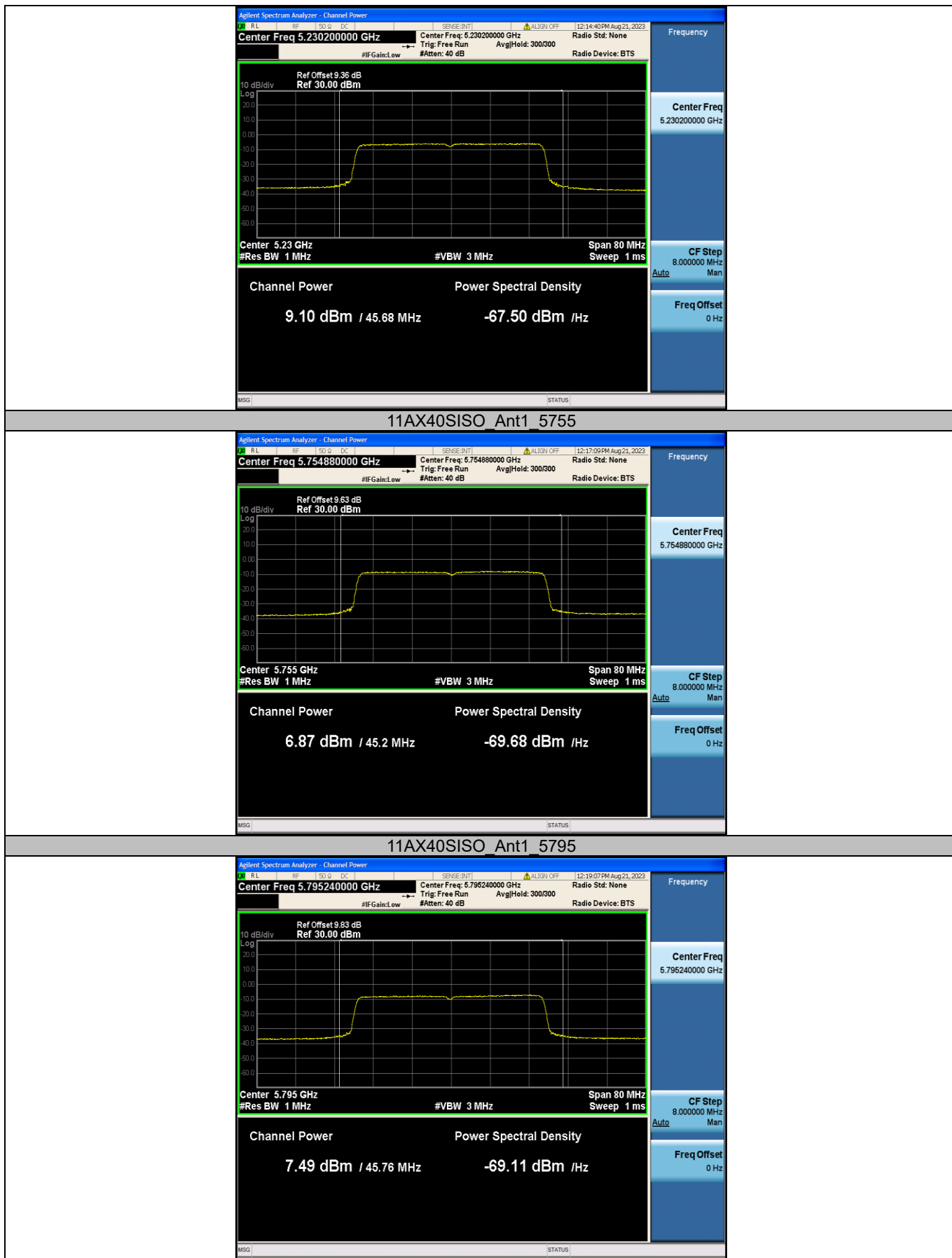












Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-0.86	≤11.00	PASS
		5200	-1.23	≤11.00	PASS
		5240	-1.1	≤11.00	PASS
		5745	-6.85	≤30.00	PASS
		5785	-6.7	≤30.00	PASS
		5825	-5.39	≤30.00	PASS
11N20SISO	Ant1	5180	-1.58	≤11.00	PASS
		5200	-1.13	≤11.00	PASS
		5240	-1.17	≤11.00	PASS
		5745	-6.82	≤30.00	PASS
		5785	-6.8	≤30.00	PASS
		5825	-5.63	≤30.00	PASS
11N40SISO	Ant1	5190	-4.49	≤11.00	PASS
		5230	-3.67	≤11.00	PASS
		5755	-9.76	≤30.00	PASS
		5795	-9.5	≤30.00	PASS
11AC20SISO	Ant1	5180	-1.86	≤11.00	PASS
		5200	-1.91	≤11.00	PASS
		5240	-1.24	≤11.00	PASS
		5745	-7	≤30.00	PASS
		5785	-6.83	≤30.00	PASS
		5825	-6.16	≤30.00	PASS
11AC40SISO	Ant1	5190	-4.63	≤11.00	PASS
		5230	-4.27	≤11.00	PASS
		5755	-10.37	≤30.00	PASS
		5795	-9.58	≤30.00	PASS
11AX20SISO	Ant1	5180	-2.66	≤11.00	PASS
		5200	-2.38	≤11.00	PASS
		5240	-2.22	≤11.00	PASS
		5745	-7.02	≤30.00	PASS
		5785	-6.86	≤30.00	PASS
		5825	-5.8	≤30.00	PASS
11AX40SISO	Ant1	5190	-5.06	≤11.00	PASS
		5230	-4.93	≤11.00	PASS
		5755	-10.16	≤30.00	PASS
		5795	-9.38	≤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

