

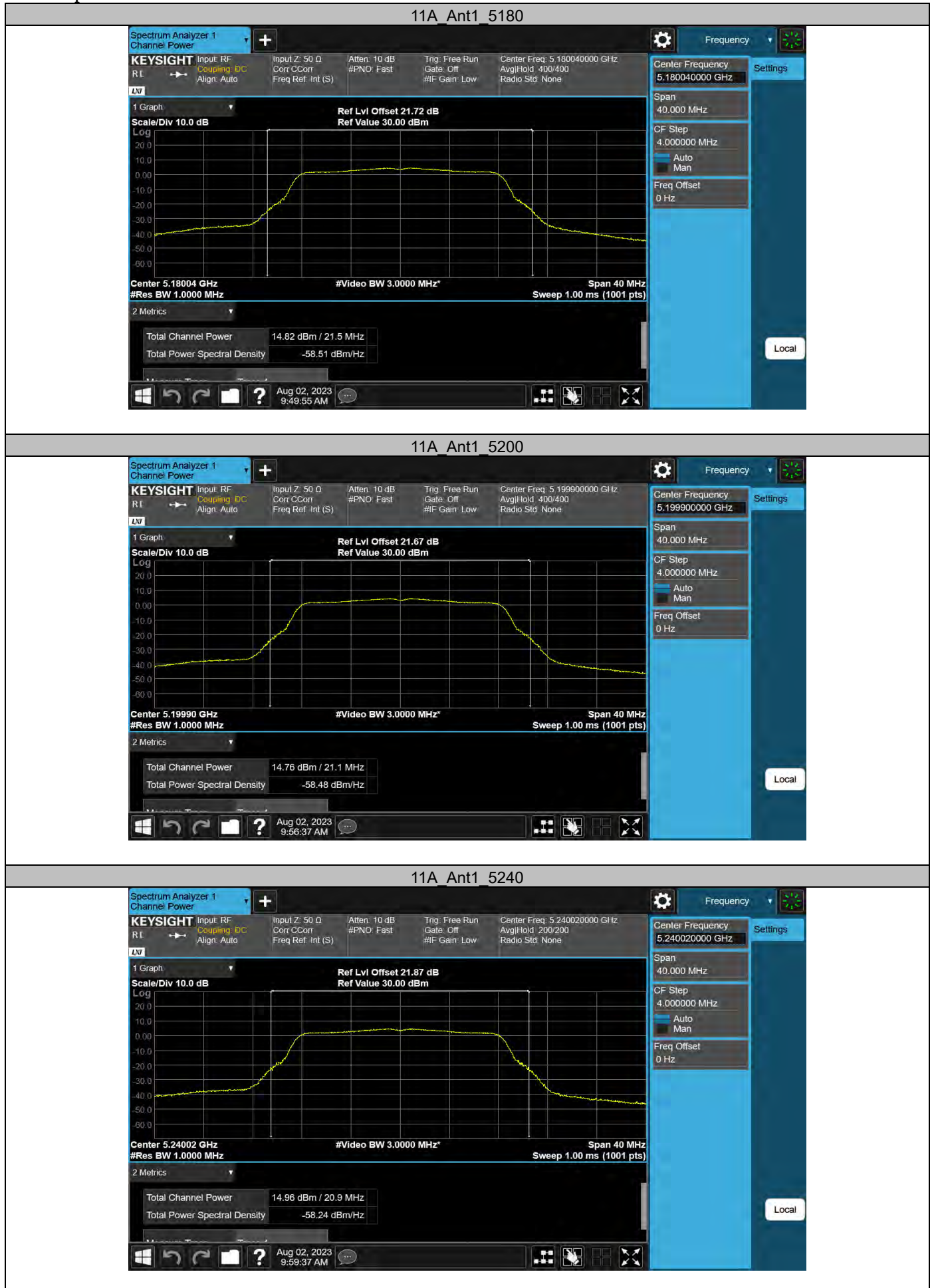
Appendix E: Maximum conducted output power
Test Result Channel Power

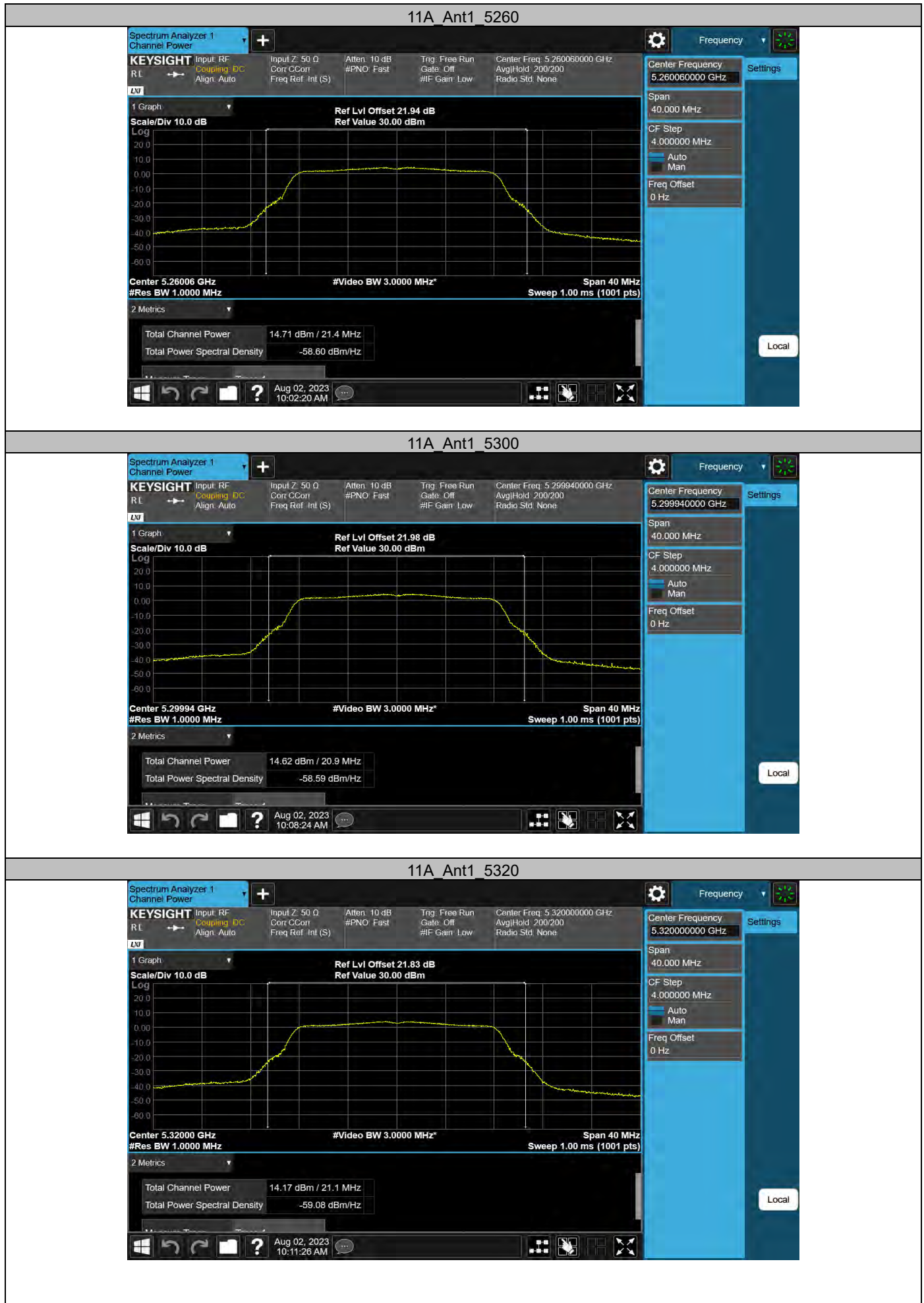
Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	14.53	93.46	0.29	14.82	≤23.98	PASS
		5200	14.47	93.46	0.29	14.76	≤23.98	PASS
		5240	14.67	93.46	0.29	14.96	≤23.98	PASS
		5260	14.42	93.46	0.29	14.71	≤23.98	PASS
		5300	14.30	92.81	0.32	14.62	≤23.98	PASS
		5320	13.88	93.46	0.29	14.17	≤23.98	PASS
		5500	13.96	93.46	0.29	14.25	≤23.98	PASS
		5580	14.23	92.81	0.32	14.55	≤23.98	PASS
		5700	14.33	93.46	0.29	14.62	≤23.98	PASS
		5745	14.19	93.46	0.29	14.48	≤30.00	PASS
		5785	13.60	93.42	0.30	13.90	≤30.00	PASS
		5825	13.33	93.46	0.29	13.62	≤30.00	PASS
11N20SISO	Ant1	5180	15.32	93.06	0.31	15.63	≤23.98	PASS
		5200	15.45	93.01	0.31	15.76	≤23.98	PASS
		5240	15.57	93.06	0.31	15.88	≤23.98	PASS
		5260	15.29	93.06	0.31	15.60	≤23.98	PASS
		5300	14.99	93.06	0.31	15.30	≤23.98	PASS
		5320	14.54	93.06	0.31	14.85	≤23.98	PASS
		5500	14.50	92.36	0.35	14.85	≤23.98	PASS
		5580	14.84	92.36	0.35	15.19	≤23.98	PASS
		5700	15.14	93.01	0.31	15.45	≤23.98	PASS
		5745	14.72	92.36	0.35	15.07	≤30.00	PASS
		5785	14.31	93.01	0.31	14.62	≤30.00	PASS
		5825	14.12	92.36	0.35	14.47	≤30.00	PASS
11N40SISO	Ant1	5190	15.54	86.84	0.61	16.15	≤23.98	PASS
		5230	14.37	86.84	0.61	14.98	≤23.98	PASS
		5270	14.15	86.84	0.61	14.76	≤23.98	PASS
		5310	13.92	86.84	0.61	14.53	≤23.98	PASS
		5510	13.93	85.71	0.67	14.60	≤23.98	PASS
		5590	13.97	86.84	0.61	14.58	≤23.98	PASS
		5670	14.41	86.84	0.61	15.02	≤23.98	PASS
		5755	14.09	86.84	0.61	14.70	≤30.00	PASS
11AC20SISO	Ant1	5795	13.59	86.84	0.61	14.20	≤30.00	PASS
		5180	14.18	93.06	0.31	14.49	≤23.98	PASS
		5200	14.08	93.06	0.31	14.39	≤23.98	PASS
		5240	14.19	93.10	0.31	14.50	≤23.98	PASS
		5260	14.17	93.06	0.31	14.48	≤23.98	PASS
		5300	14.18	93.10	0.31	14.49	≤23.98	PASS
		5320	13.81	93.06	0.31	14.12	≤23.98	PASS
		5500	14.08	93.06	0.31	14.39	≤23.98	PASS
		5580	13.94	93.06	0.31	14.25	≤23.98	PASS
		5700	14.27	93.06	0.31	14.58	≤23.98	PASS
		5745	13.77	93.10	0.31	14.08	≤30.00	PASS
		5785	13.22	93.06	0.31	13.53	≤30.00	PASS
11AC40SISO	Ant1	5825	13.12	93.06	0.31	13.43	≤30.00	PASS
		5190	14.32	85.71	0.67	14.99	≤23.98	PASS
		5230	14.21	87.01	0.60	14.81	≤23.98	PASS
		5270	14.14	87.01	0.60	14.74	≤23.98	PASS
		5310	13.72	87.01	0.60	14.32	≤23.98	PASS
		5510	14.00	85.71	0.67	14.67	≤23.98	PASS
		5590	13.85	87.01	0.60	14.45	≤23.98	PASS
		5670	14.40	87.01	0.60	15.00	≤23.98	PASS
		5755	14.04	87.01	0.60	14.64	≤30.00	PASS
		5795	13.62	85.71	0.67	14.29	≤30.00	PASS

11AC80SISO	Ant1	5210	13.51	76.74	1.15	14.66	≤23.98	PASS
		5290	13.27	75.00	1.25	14.52	≤23.98	PASS
		5530	13.58	75.00	1.25	14.83	≤23.98	PASS
		5610	13.08	75.00	1.25	14.33	≤23.98	PASS
		5775	12.84	75.00	1.25	14.09	≤30.00	PASS

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

Test Graphs Channel Power





11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11A_Ant1_5745

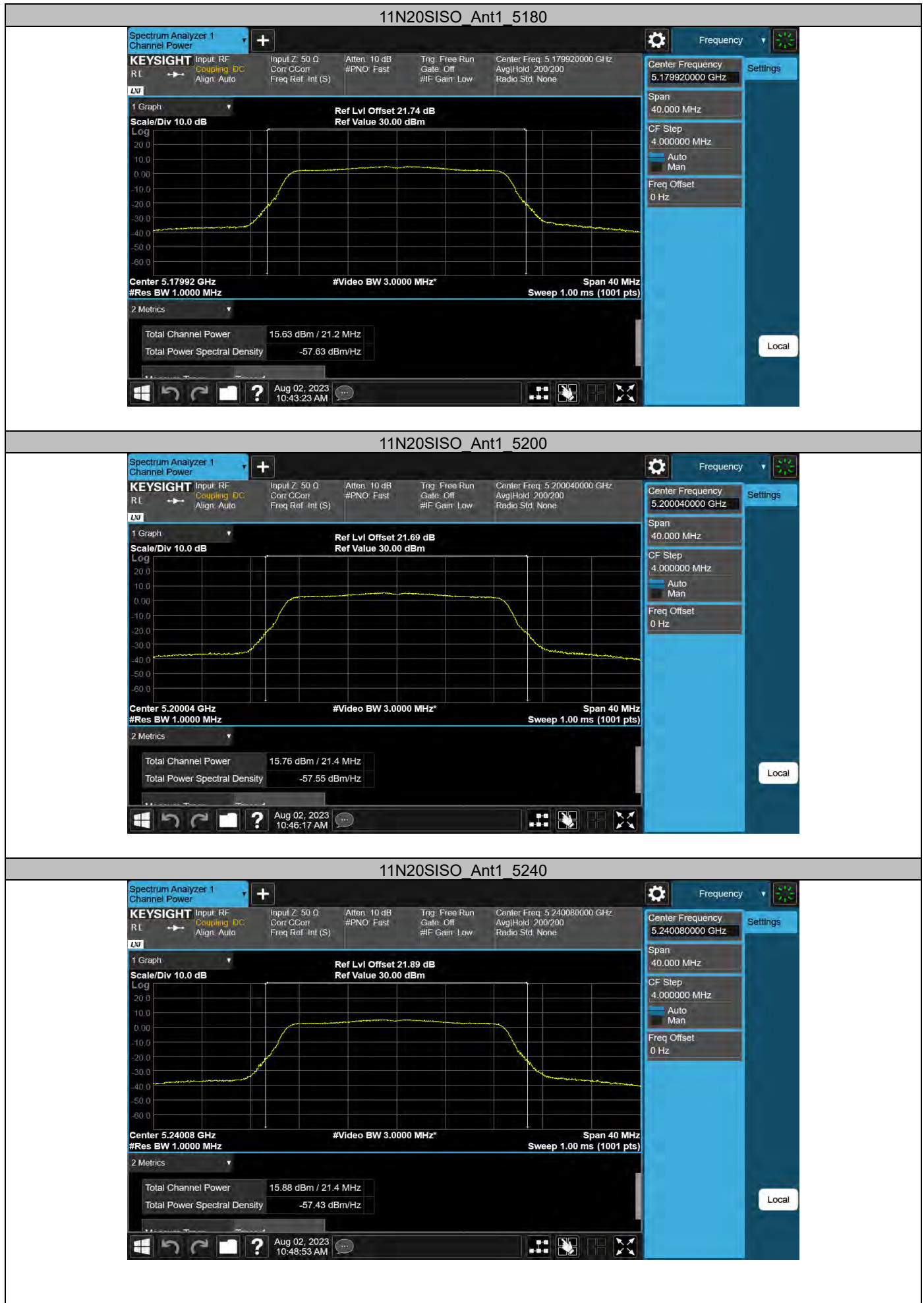


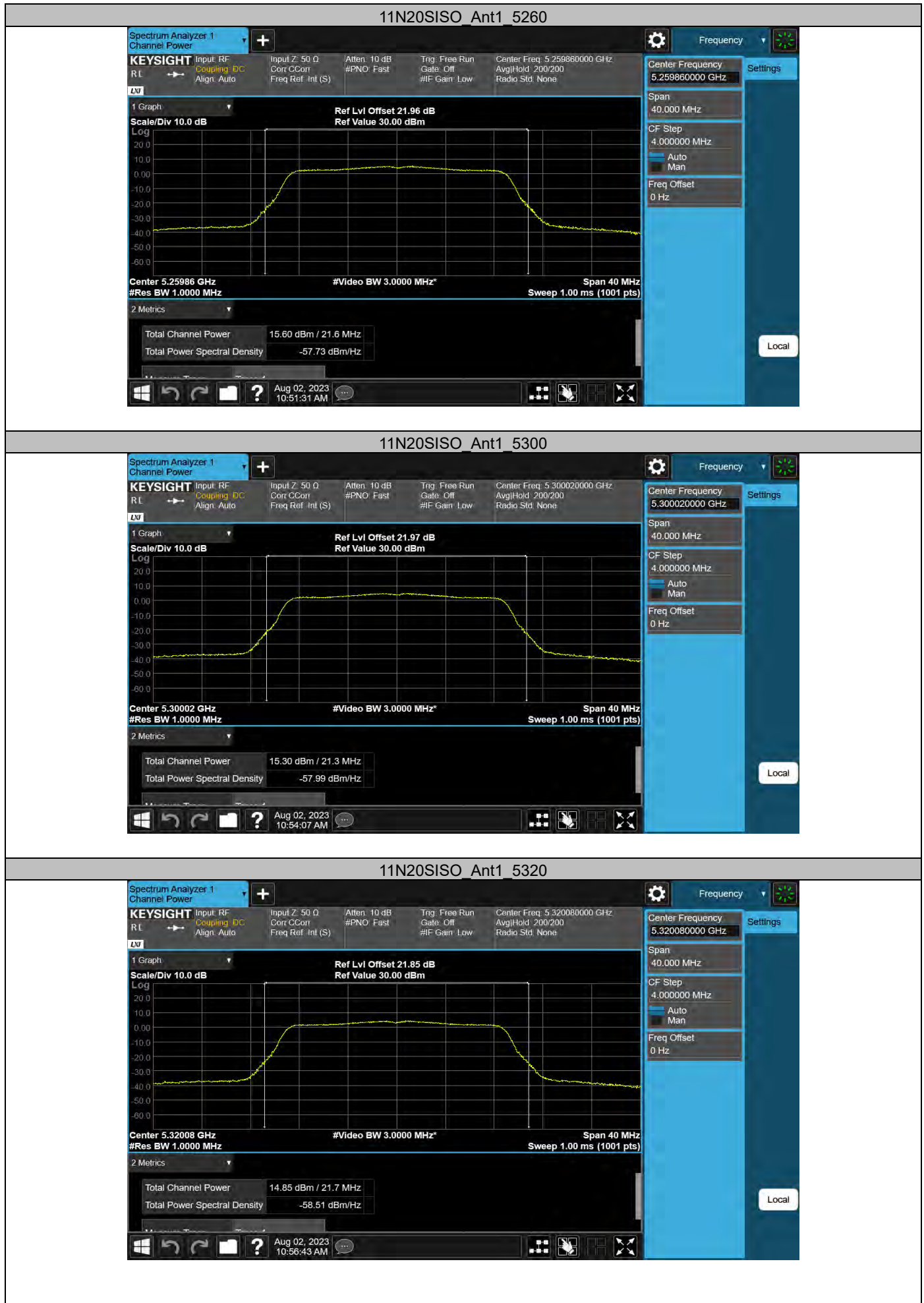
11A_Ant1_5785

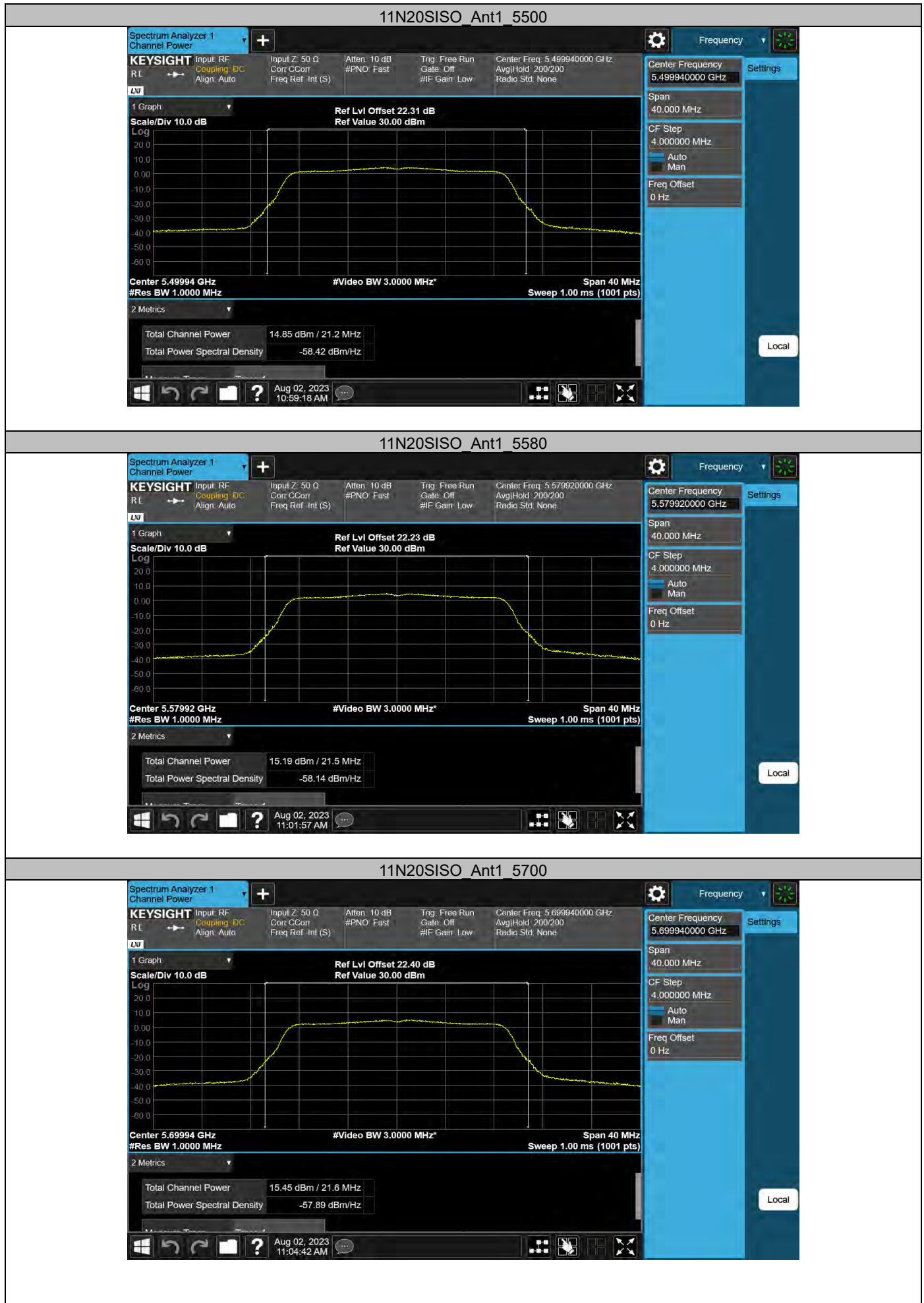


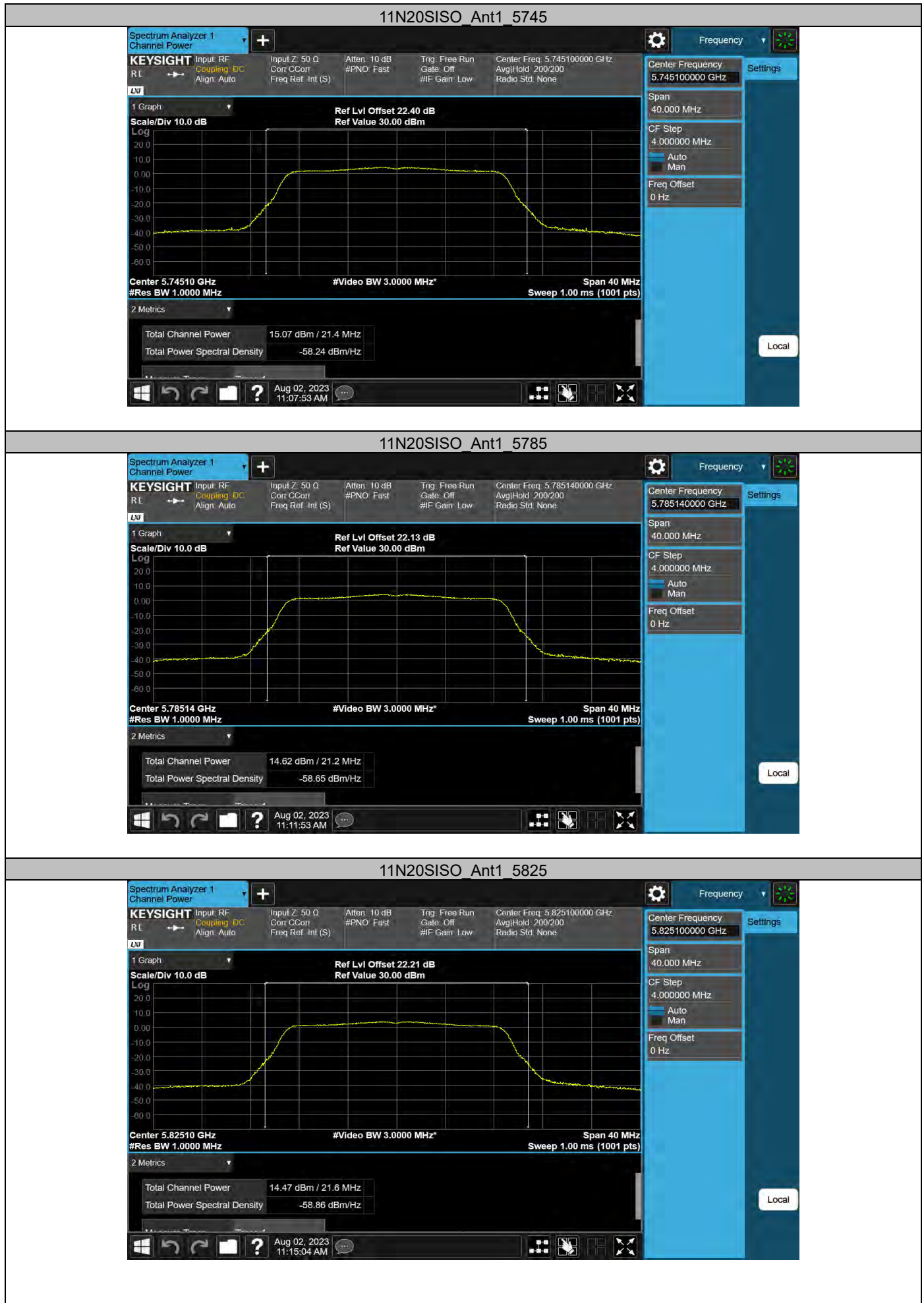
11A_Ant1_5825







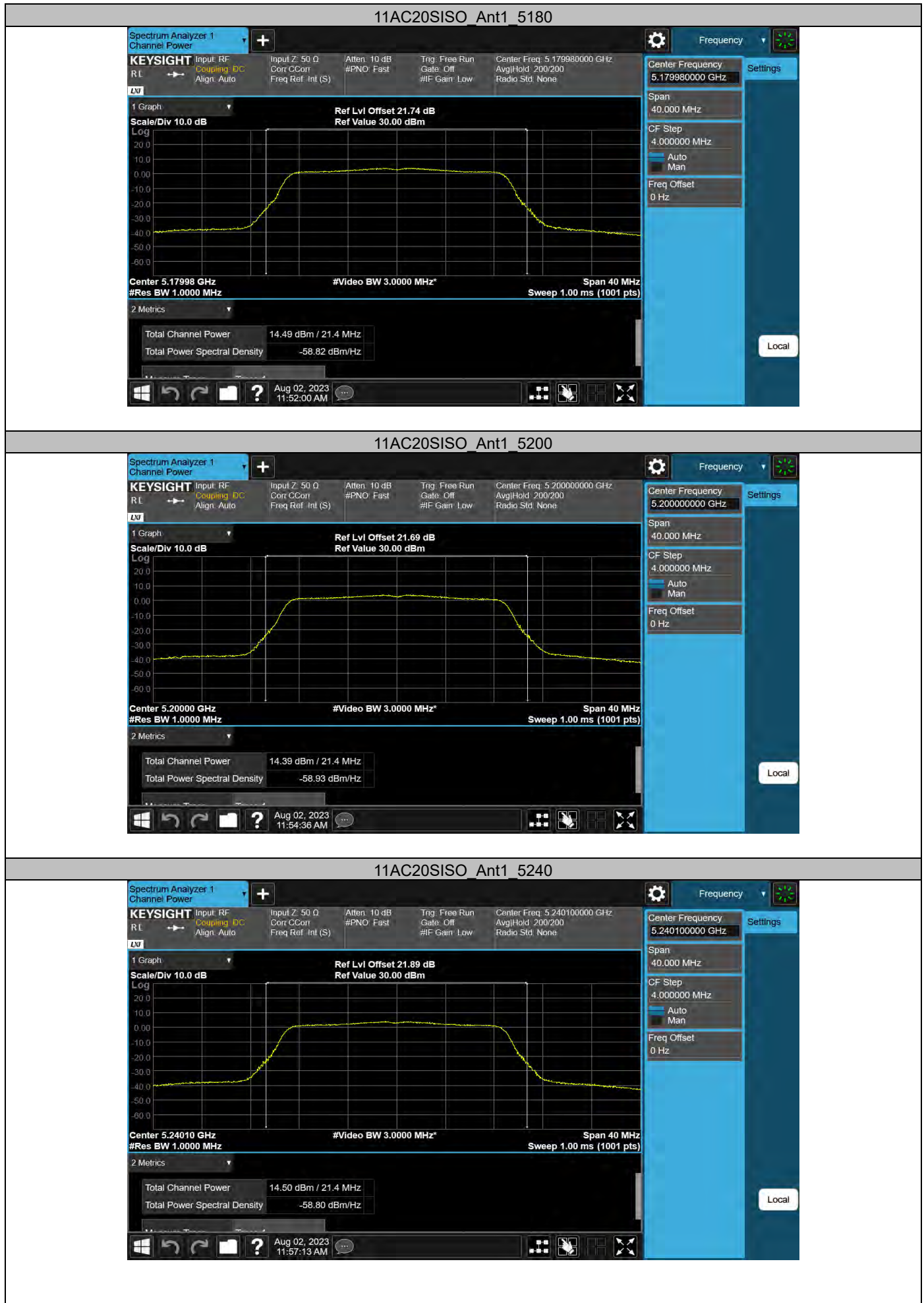


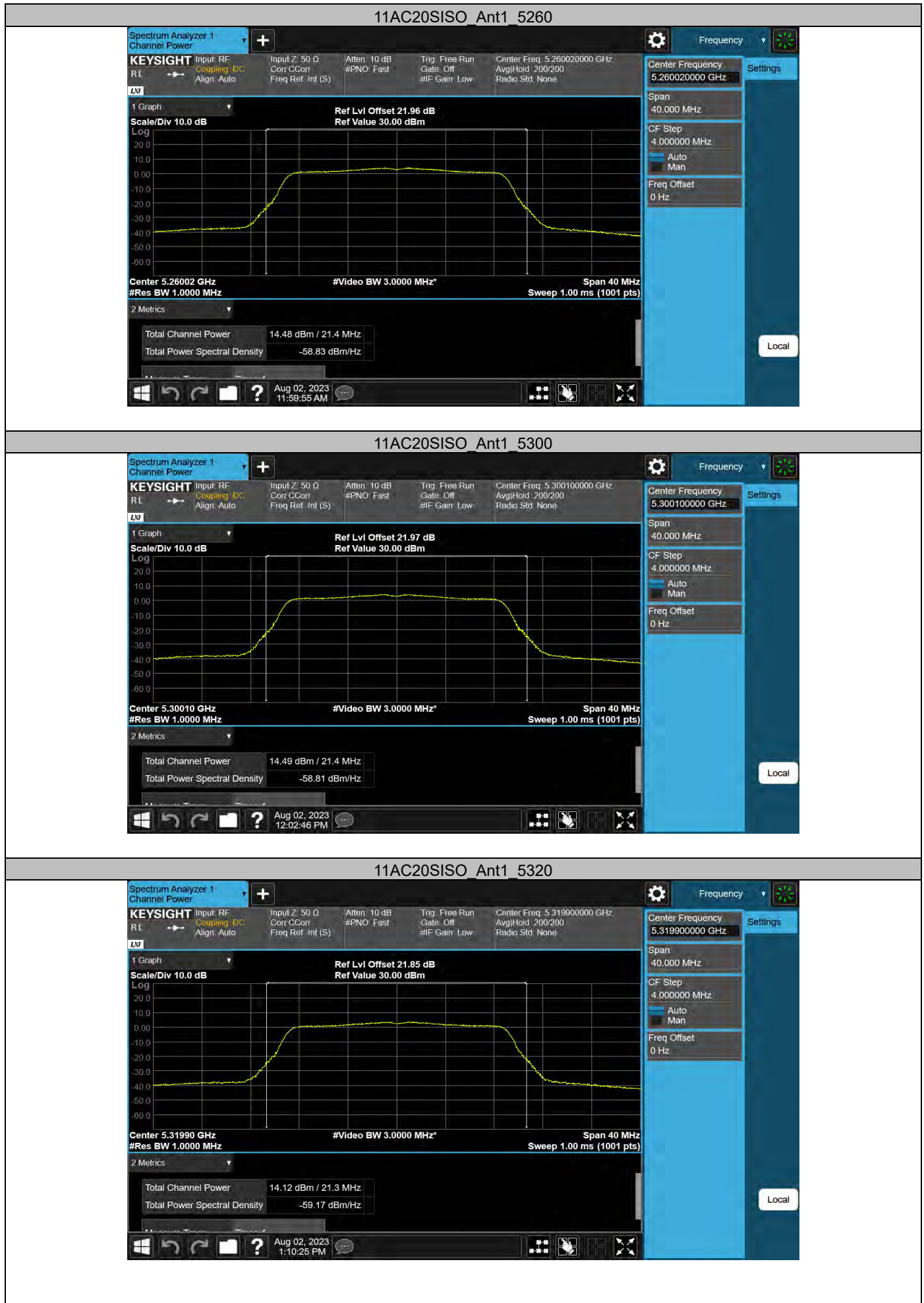


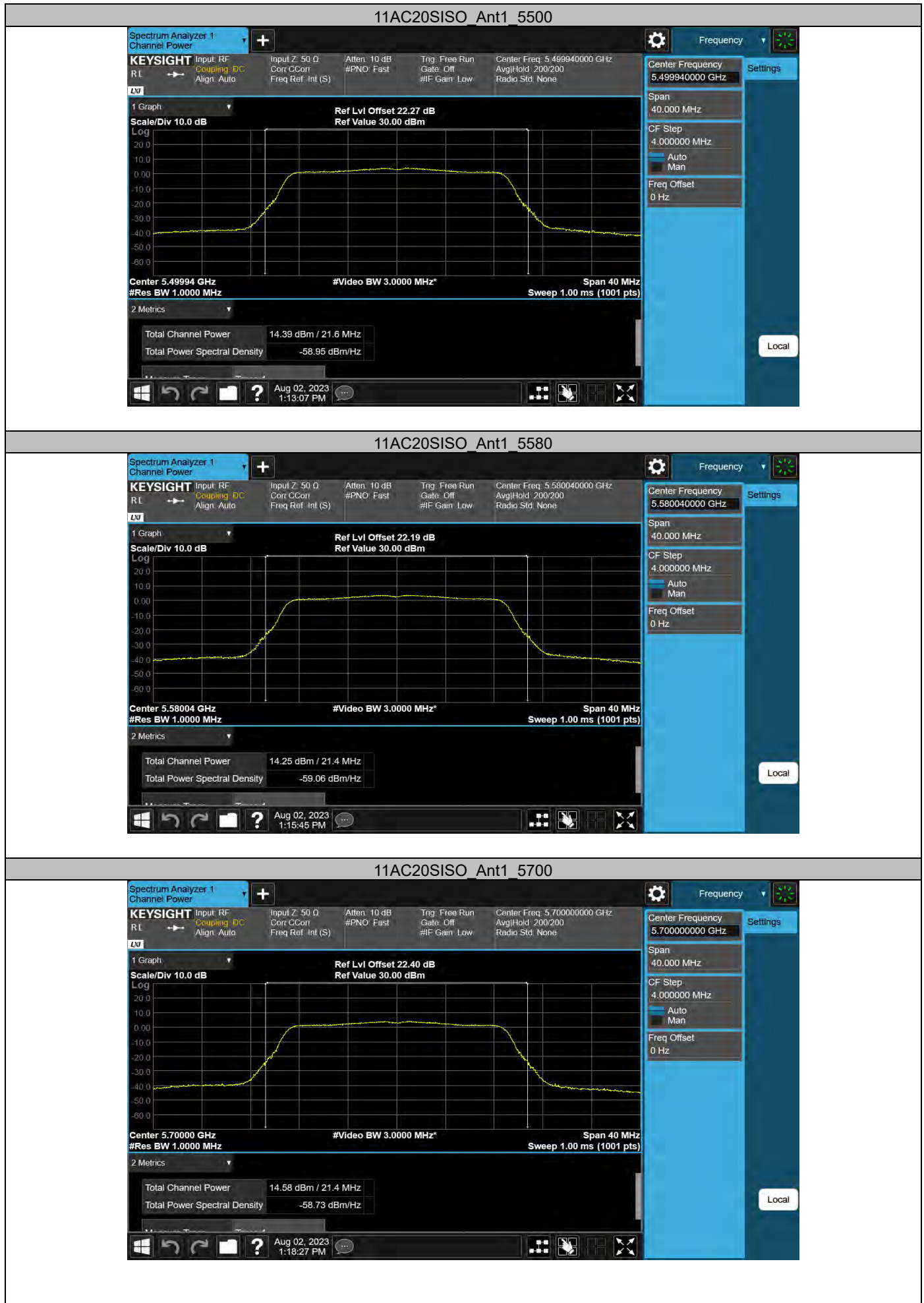


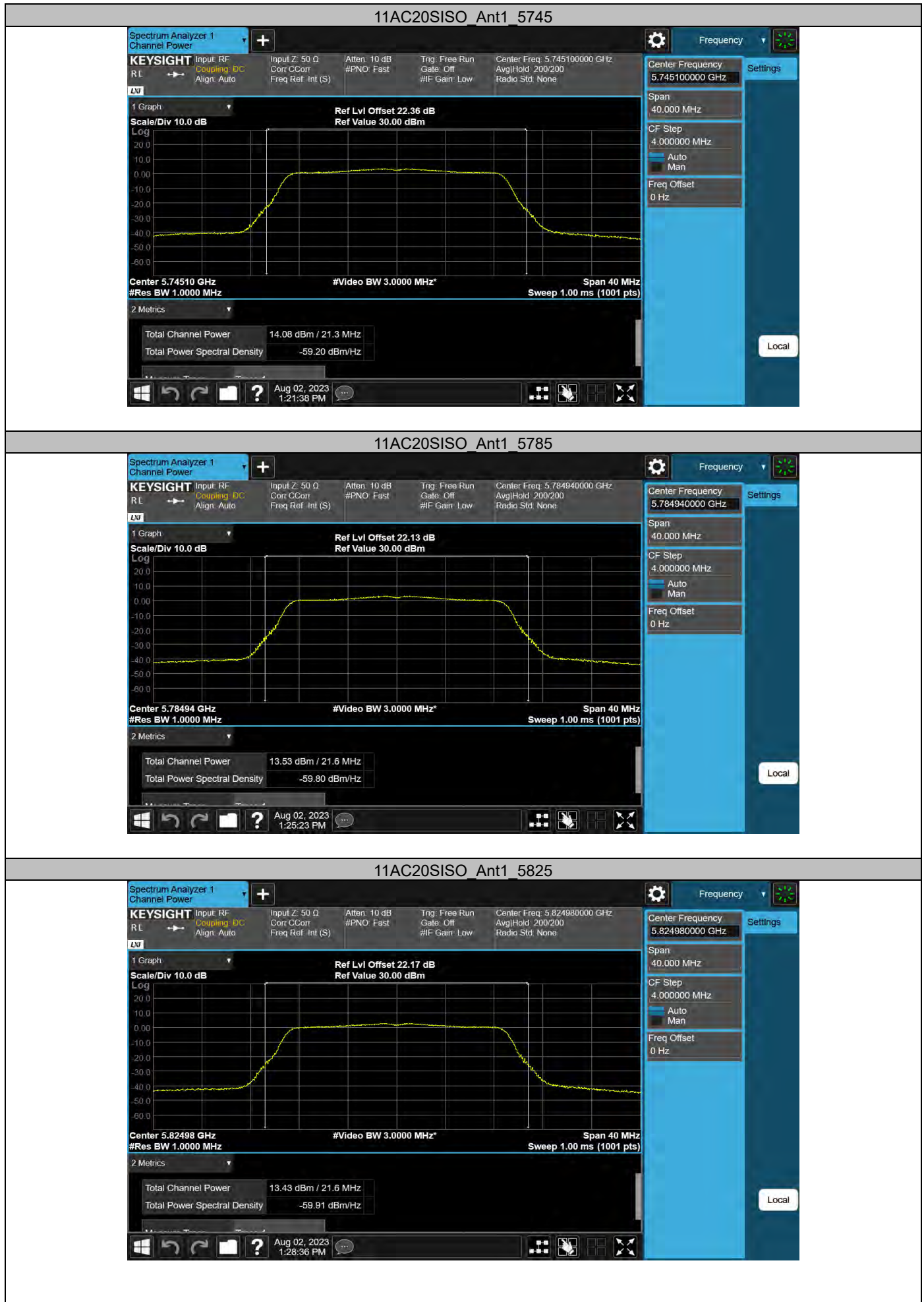






















Appendix F: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	3.96	≤11.00	PASS
		5200	3.80	≤11.00	PASS
		5240	4.16	≤11.00	PASS
		5260	4.08	≤11.00	PASS
		5300	4.07	≤11.00	PASS
		5320	3.59	≤11.00	PASS
		5500	4.13	≤11.00	PASS
		5580	3.97	≤11.00	PASS
		5700	3.70	≤11.00	PASS
		5745	1.17	≤30.00	PASS
		5785	0.49	≤30.00	PASS
		5825	0.20	≤30.00	PASS
11N20SISO	Ant1	5180	5.85	≤11.00	PASS
		5200	5.75	≤11.00	PASS
		5240	6.25	≤11.00	PASS
		5260	6.09	≤11.00	PASS
		5300	5.79	≤11.00	PASS
		5320	5.36	≤11.00	PASS
		5500	5.73	≤11.00	PASS
		5580	5.58	≤11.00	PASS
		5700	5.57	≤11.00	PASS
		5745	3.25	≤30.00	PASS
		5785	2.82	≤30.00	PASS
		5825	2.50	≤30.00	PASS
11N40SISO	Ant1	5190	3.89	≤11.00	PASS
		5230	2.95	≤11.00	PASS
		5270	2.84	≤11.00	PASS
		5310	2.35	≤11.00	PASS
		5510	3.16	≤11.00	PASS
		5590	2.17	≤11.00	PASS
		5670	2.64	≤11.00	PASS
		5755	0.18	≤30.00	PASS
		5795	-0.32	≤30.00	PASS
11AC20SISO	Ant1	5180	5.03	≤11.00	PASS
		5200	4.94	≤11.00	PASS
		5240	5.30	≤11.00	PASS
		5260	5.08	≤11.00	PASS
		5300	5.07	≤11.00	PASS
		5320	4.85	≤11.00	PASS
		5500	4.95	≤11.00	PASS
		5580	4.83	≤11.00	PASS
		5700	4.70	≤11.00	PASS
		5745	2.26	≤30.00	PASS
		5785	2.27	≤30.00	PASS
		5825	2.27	≤30.00	PASS
11AC40SISO	Ant1	5190	3.00	≤11.00	PASS
		5230	2.85	≤11.00	PASS
		5270	2.73	≤11.00	PASS
		5310	2.39	≤11.00	PASS
		5510	2.84	≤11.00	PASS
		5590	2.36	≤11.00	PASS
		5670	2.56	≤11.00	PASS
		5755	0.49	≤30.00	PASS
		5795	-0.49	≤30.00	PASS

11AC80SISO	Ant1	5210	0.17	≤11.00	PASS
		5290	0.70	≤11.00	PASS
		5530	0.45	≤11.00	PASS
		5610	-0.34	≤11.00	PASS
		5775	-3.00	≤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









