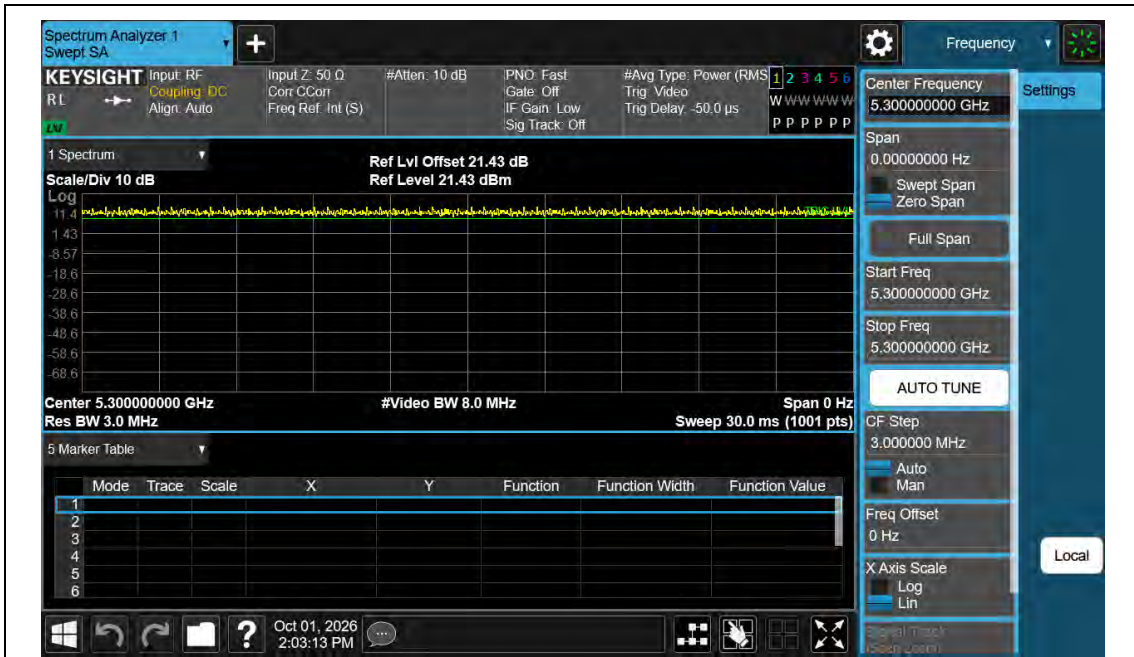
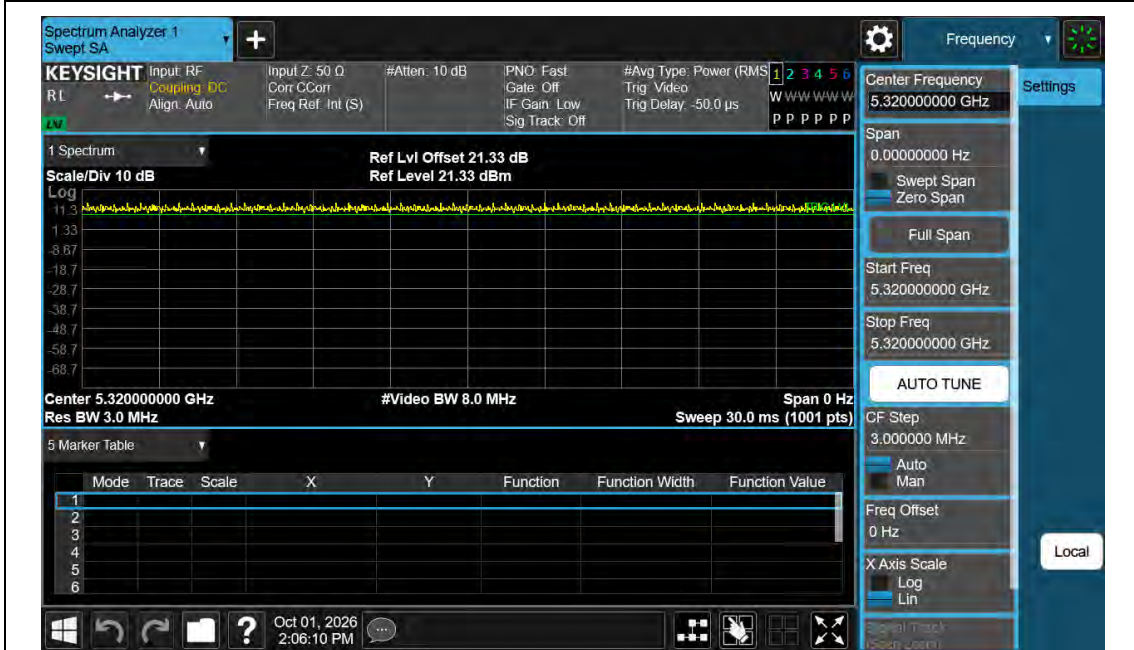
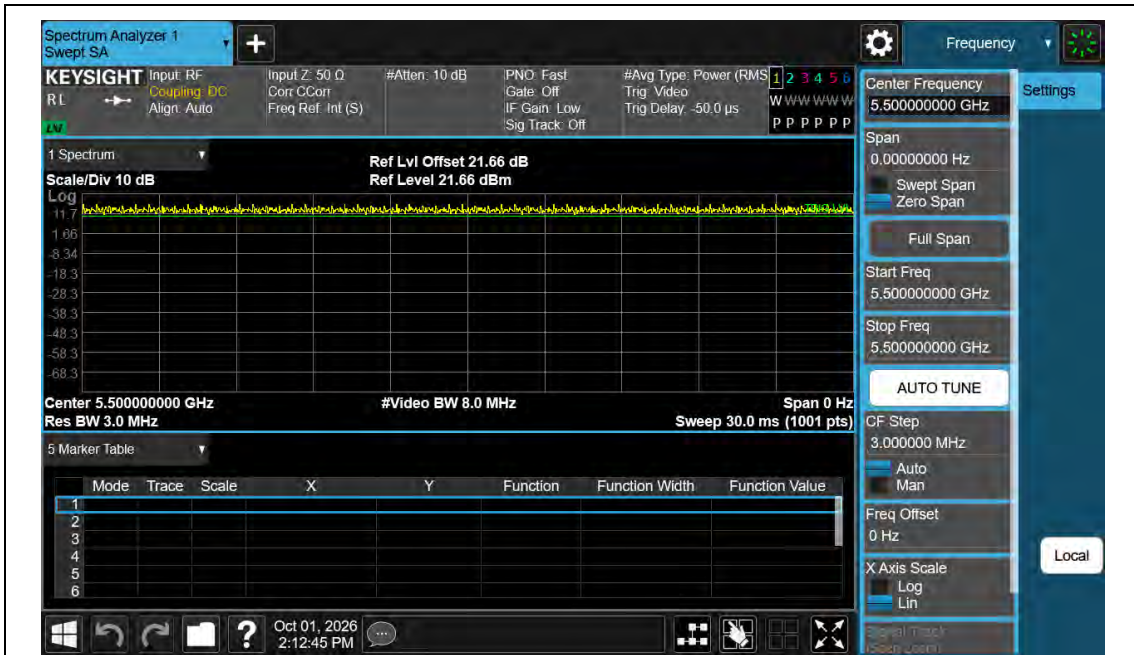




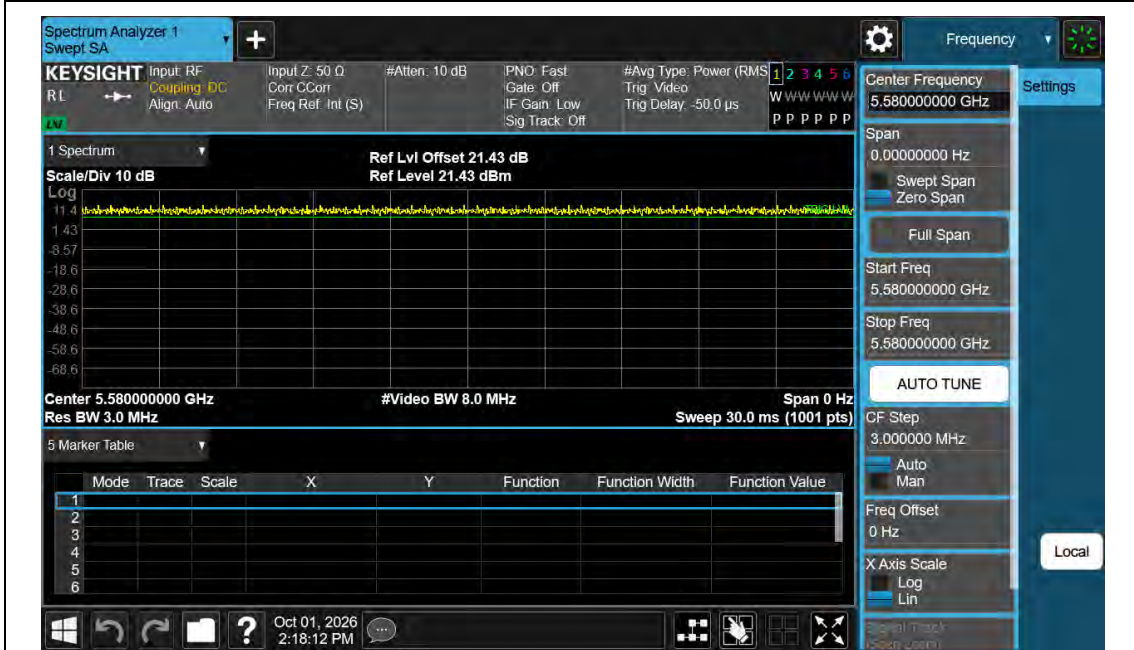
NTNV-11N20SISO-Ant1-5320



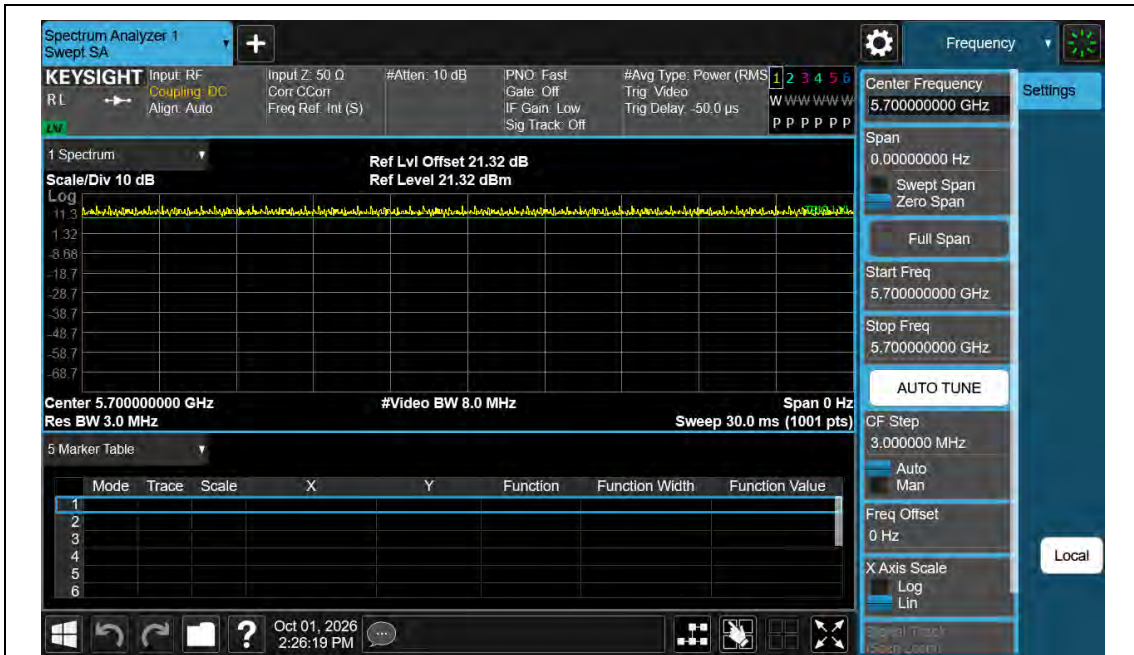
NTNV-11N20SISO-Ant1-5500



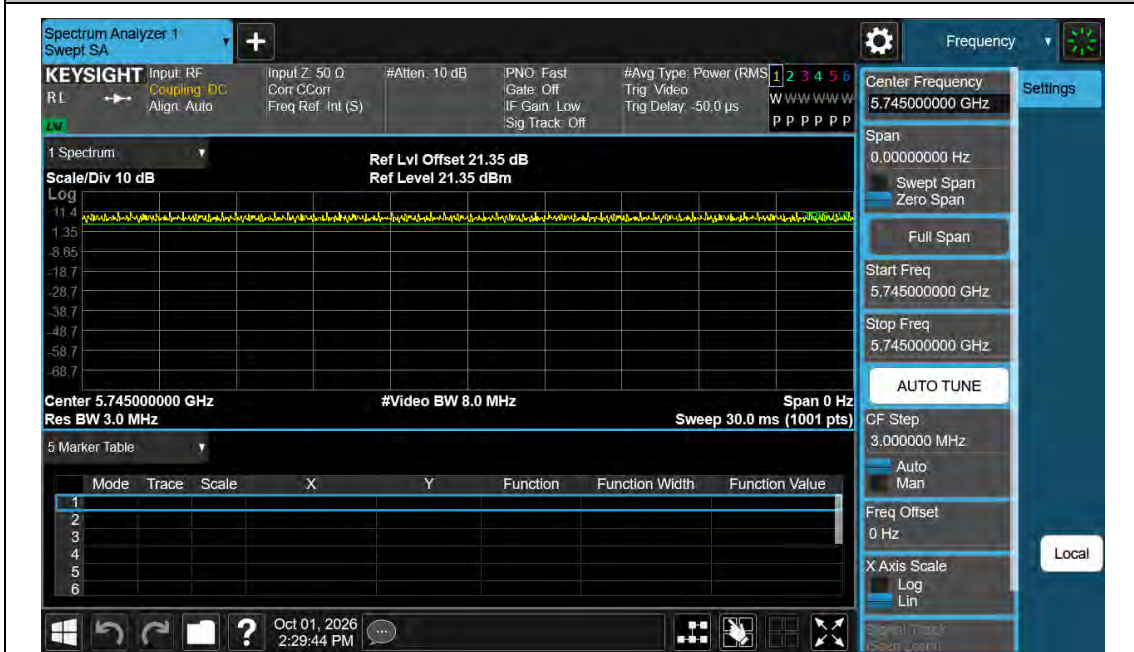
NTNV-11N20SISO-Ant1-5580



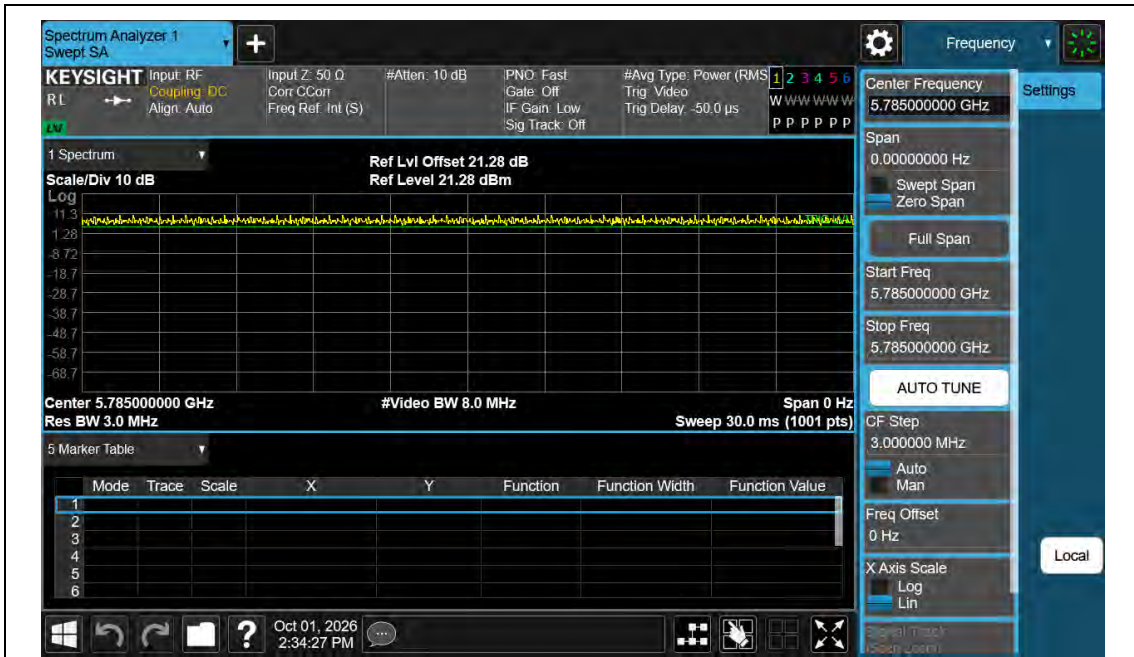
NTNV-11N20SISO-Ant1-5700



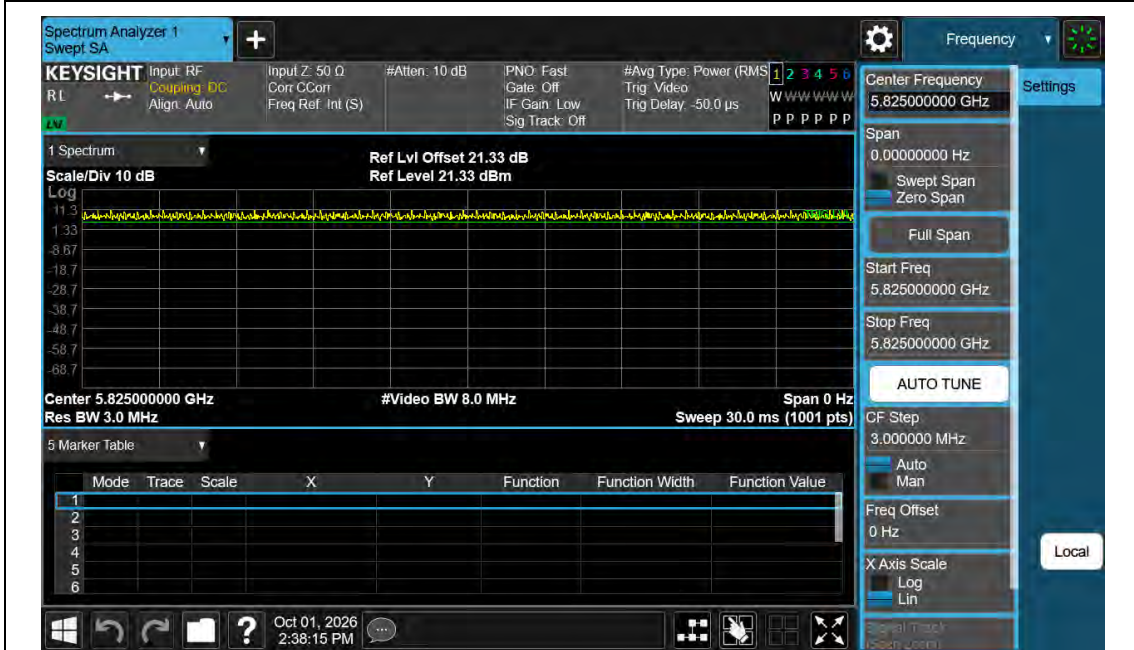
NTNV-11N20SISO-Ant1-5745



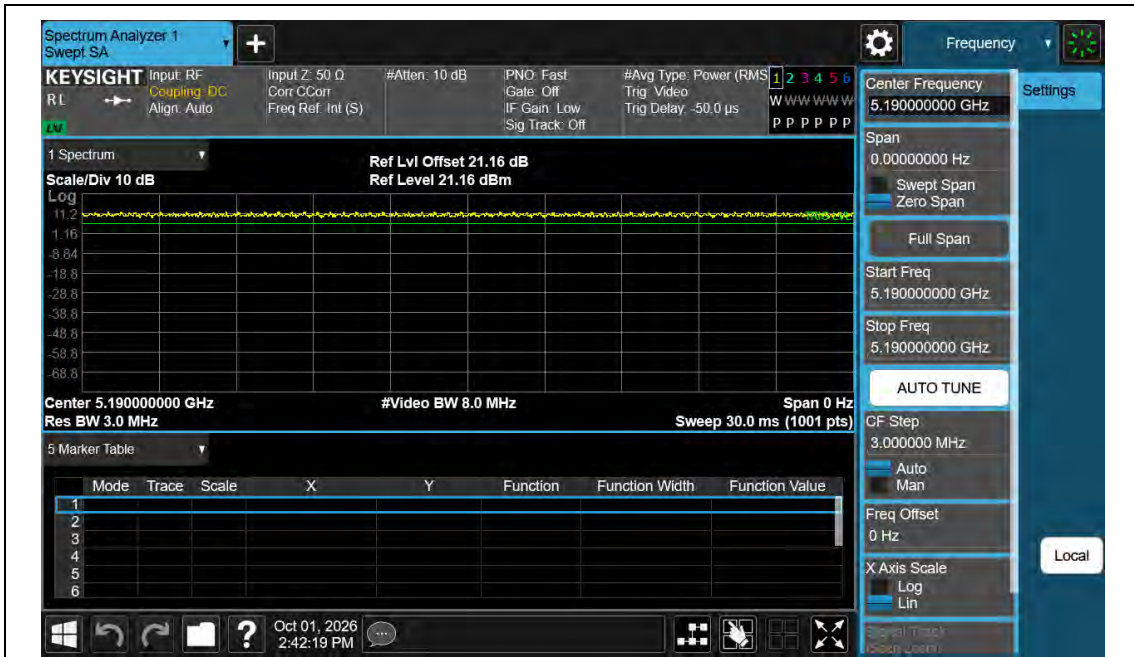
NTNV-11N20SISO-Ant1-5785



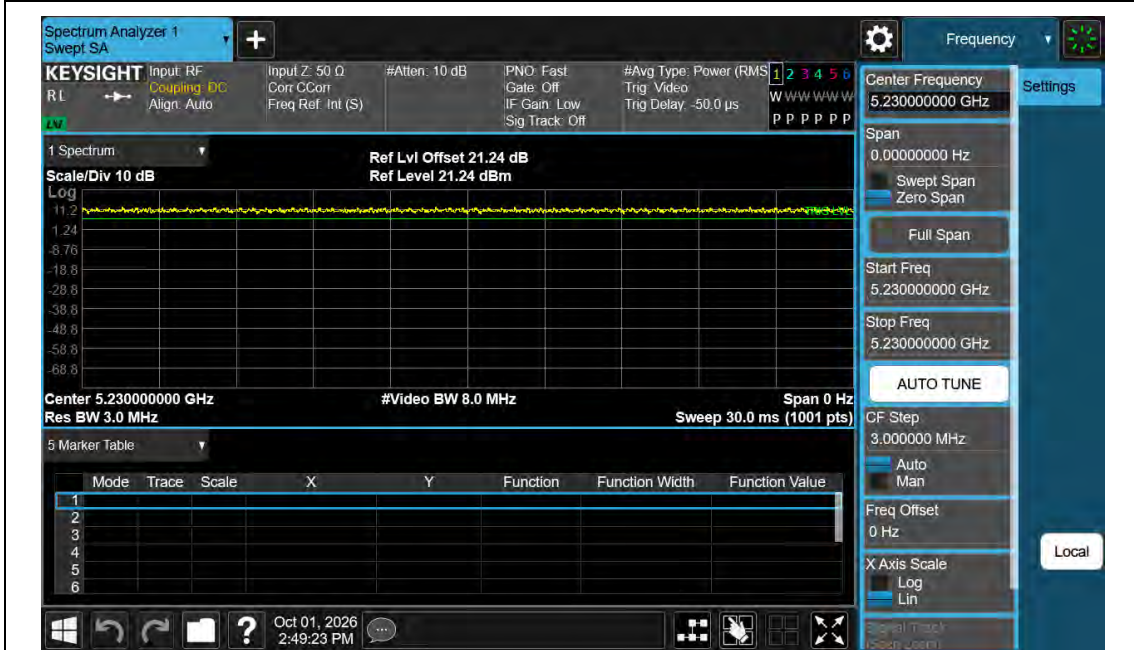
NTNV-11N20SISO-Ant1-5825



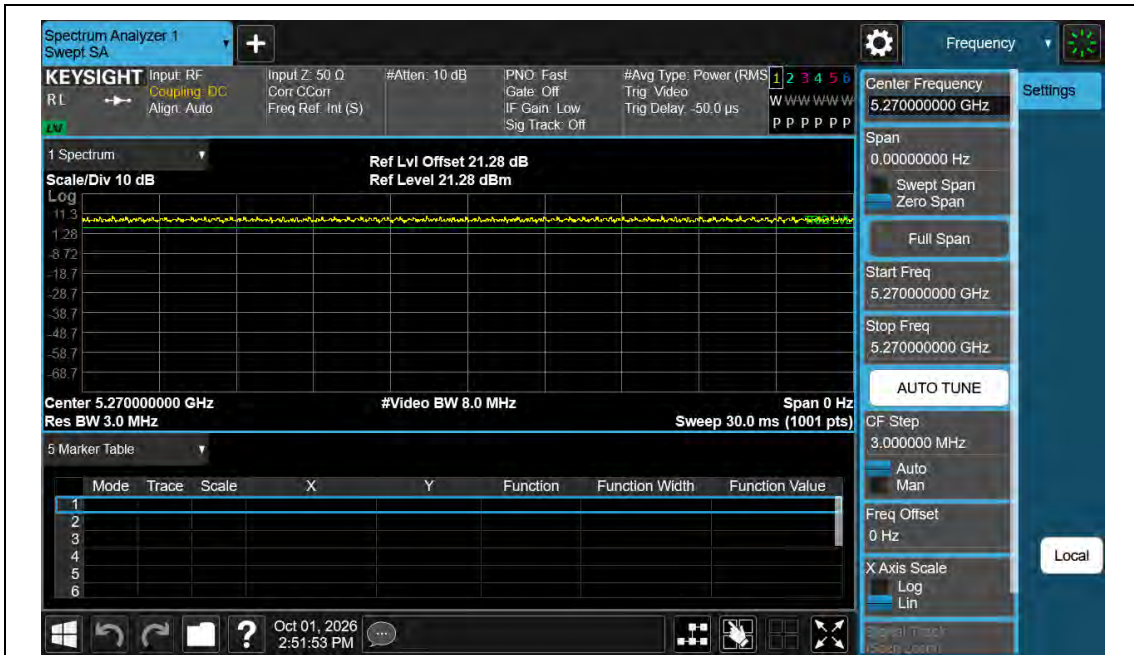
NTNV-11N40SISO-Ant1-5190



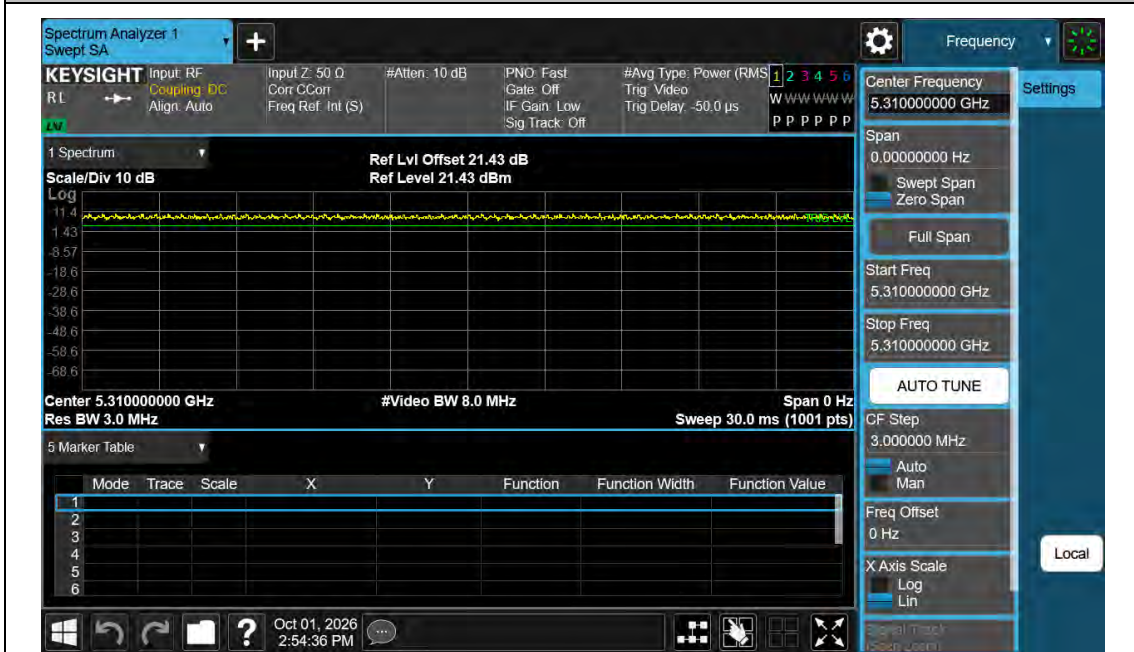
NTNV-11N40SISO-Ant1-5230



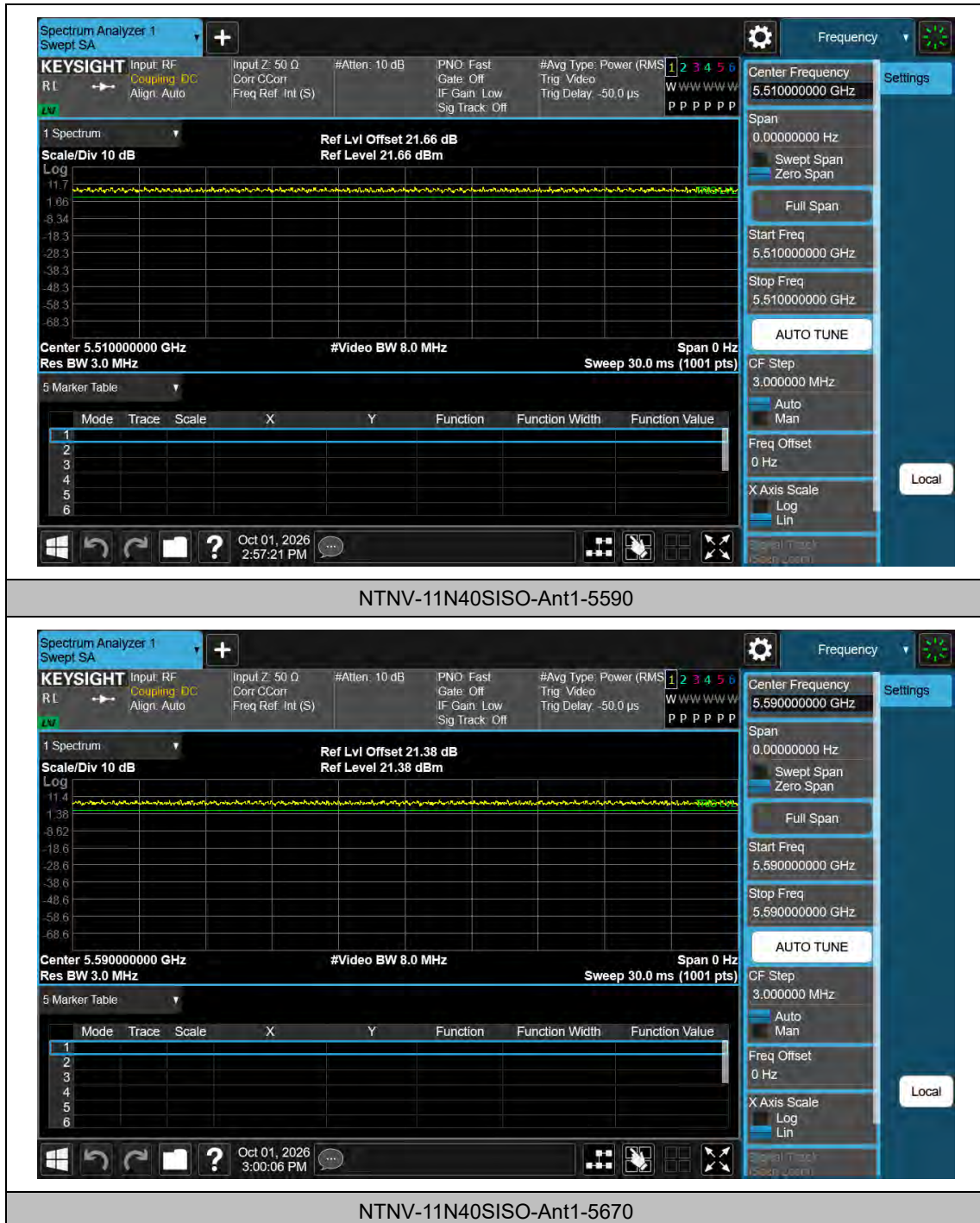
NTNV-11N40SISO-Ant1-5270

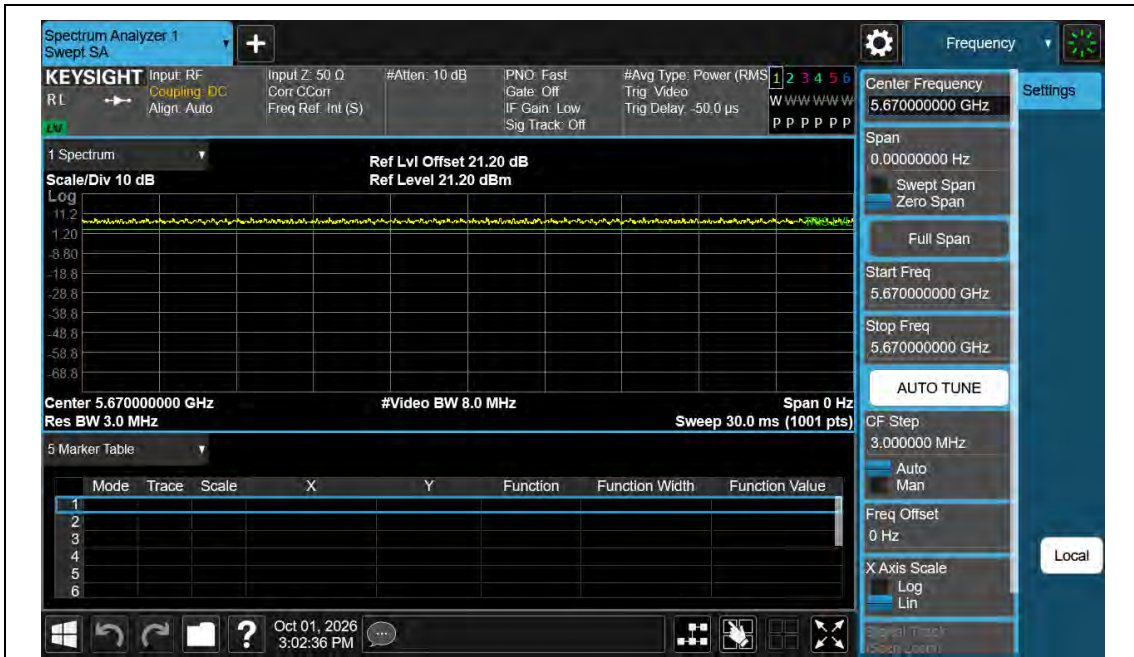


NTNV-11N40SISO-Ant1-5310

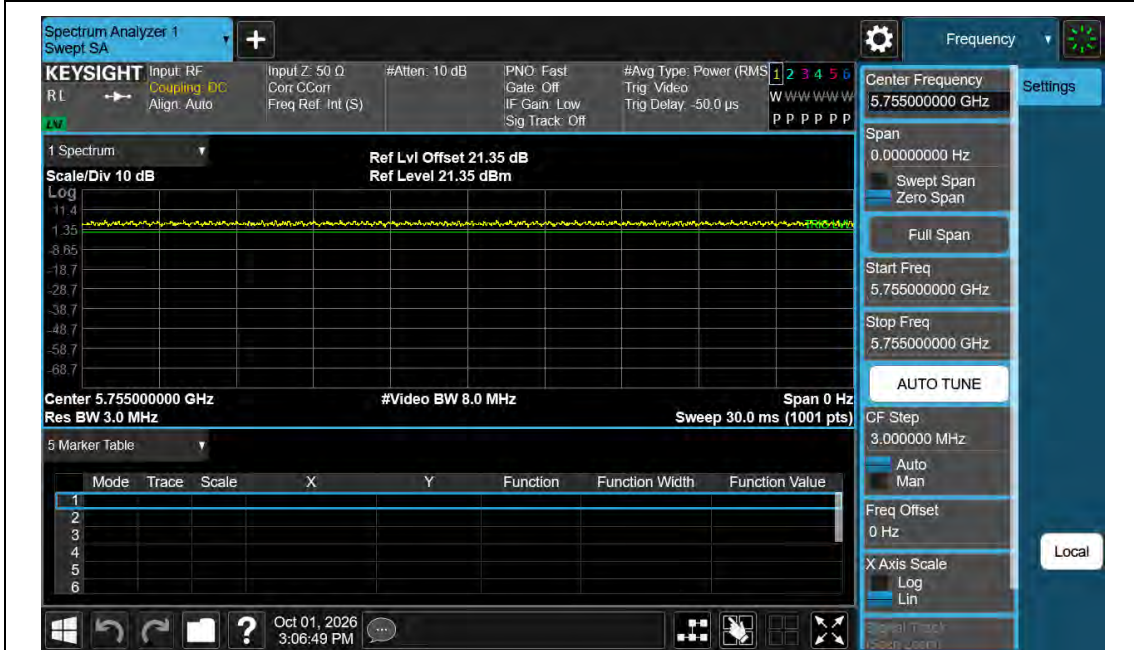


NTNV-11N40SISO-Ant1-5510





NTNV-11N40SISO-Ant1-5755



NTNV-11N40SISO-Ant1-5795



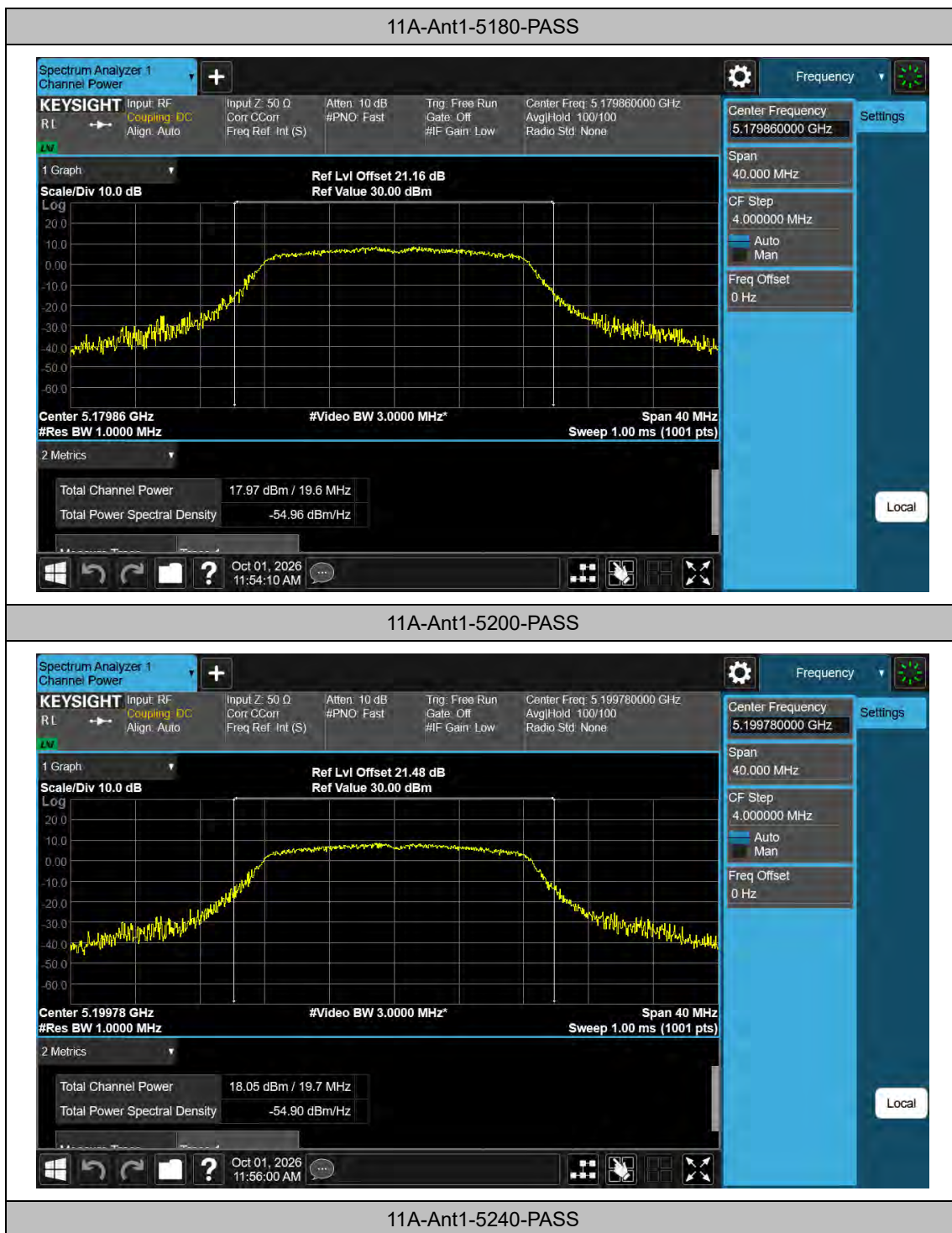
Appendix C: Maximum conducted output power

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	17.97	100.00	0.00	17.97	≤23.98	PASS
11A	Ant1	5200	18.05	100.00	0.00	18.05	≤23.98	PASS
11A	Ant1	5240	17.53	100.00	0.00	17.53	≤23.98	PASS
11A	Ant1	5260	15.37	100.00	0.00	15.37	≤23.86	PASS
11A	Ant1	5300	14.93	100.00	0.00	14.93	≤23.88	PASS
11A	Ant1	5320	14.42	100.00	0.00	14.42	≤23.92	PASS
11A	Ant1	5500	15.50	100.00	0.00	15.50	≤23.93	PASS
11A	Ant1	5580	15.25	100.00	0.00	15.25	≤23.93	PASS
11A	Ant1	5700	15.21	100.00	0.00	15.21	≤23.90	PASS
11A	Ant1	5745	11.38	100.00	0.00	11.38	≤30.00	PASS
11A	Ant1	5785	10.64	100.00	0.00	10.64	≤30.00	PASS
11A	Ant1	5825	10.97	100.00	0.00	10.97	≤30.00	PASS
11N20SISO	Ant1	5180	17.34	100.00	0.00	17.34	≤23.98	PASS
11N20SISO	Ant1	5200	18.19	100.00	0.00	18.19	≤23.98	PASS
11N20SISO	Ant1	5240	17.51	100.00	0.00	17.51	≤23.98	PASS
11N20SISO	Ant1	5260	15.44	100.00	0.00	15.44	≤23.98	PASS
11N20SISO	Ant1	5300	14.88	100.00	0.00	14.88	≤23.98	PASS
11N20SISO	Ant1	5320	14.78	100.00	0.00	14.78	≤23.98	PASS
11N20SISO	Ant1	5500	15.55	100.00	0.00	15.55	≤23.98	PASS
11N20SISO	Ant1	5580	15.36	100.00	0.00	15.36	≤23.98	PASS
11N20SISO	Ant1	5700	15.48	100.00	0.00	15.48	≤23.97	PASS
11N20SISO	Ant1	5745	11.24	100.00	0.00	11.24	≤30.00	PASS
11N20SISO	Ant1	5785	10.81	100.00	0.00	10.81	≤30.00	PASS
11N20SISO	Ant1	5825	11.16	100.00	0.00	11.16	≤30.00	PASS
11N40SISO	Ant1	5190	17.59	100.00	0.00	17.59	≤23.98	PASS
11N40SISO	Ant1	5230	17.73	100.00	0.00	17.73	≤23.98	PASS
11N40SISO	Ant1	5270	15.08	100.00	0.00	15.08	≤23.98	PASS
11N40SISO	Ant1	5310	15.50	100.00	0.00	15.50	≤23.98	PASS
11N40SISO	Ant1	5510	15.14	100.00	0.00	15.14	≤23.98	PASS
11N40SISO	Ant1	5590	14.99	100.00	0.00	14.99	≤23.98	PASS
11N40SISO	Ant1	5670	14.68	100.00	0.00	14.68	≤23.98	PASS
11N40SISO	Ant1	5755	11.60	100.00	0.00	11.60	≤30.00	PASS
11N40SISO	Ant1	5795	11.51	100.00	0.00	11.51	≤30.00	PASS

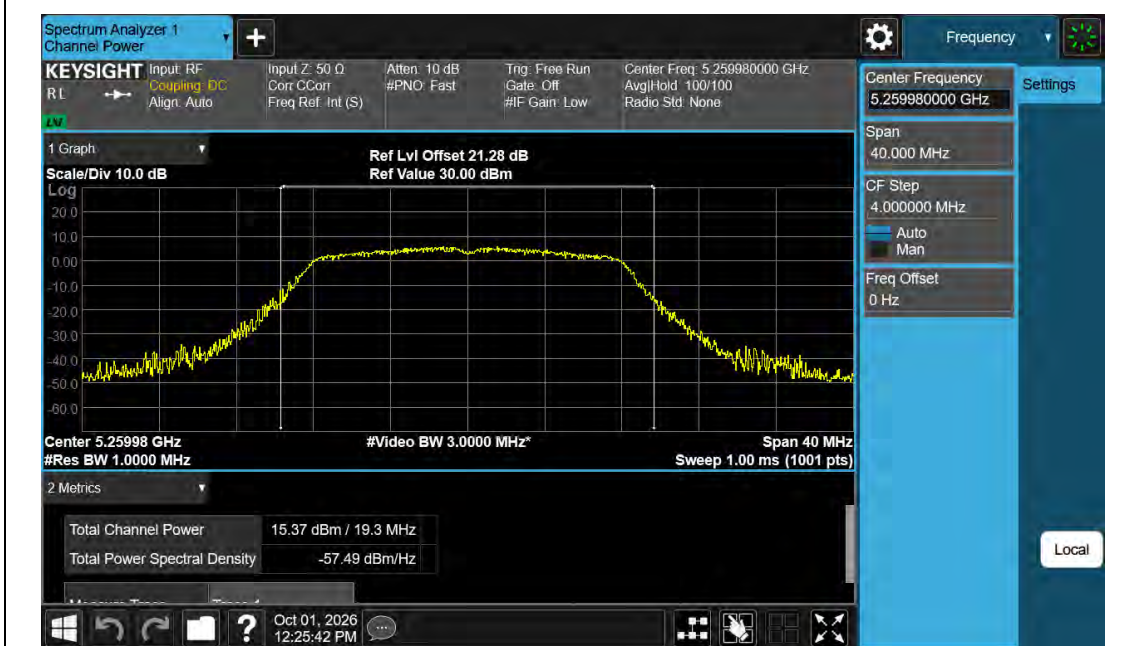
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power





11A-Ant1-5260-PASS



11A-Ant1-5300-PASS



11A-Ant1-5320-PASS



11A-Ant1-5500-PASS



11A-Ant1-5580-PASS



11A-Ant1-5700-PASS



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5200-PASS



11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5260-PASS



11N20SISO-Ant1-5300-PASS



11N20SISO-Ant1-5320-PASS



11N20SISO-Ant1-5500-PASS



11N20SISO-Ant1-5580-PASS



11N20SISO-Ant1-5700-PASS



11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS



11N40SISO-Ant1-5270-PASS



11N40SISO-Ant1-5310-PASS



11N40SISO-Ant1-5510-PASS



11N40SISO-Ant1-5590-PASS



11N40SISO-Ant1-5670-PASS



11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



Appendix D: Maximum power spectral density

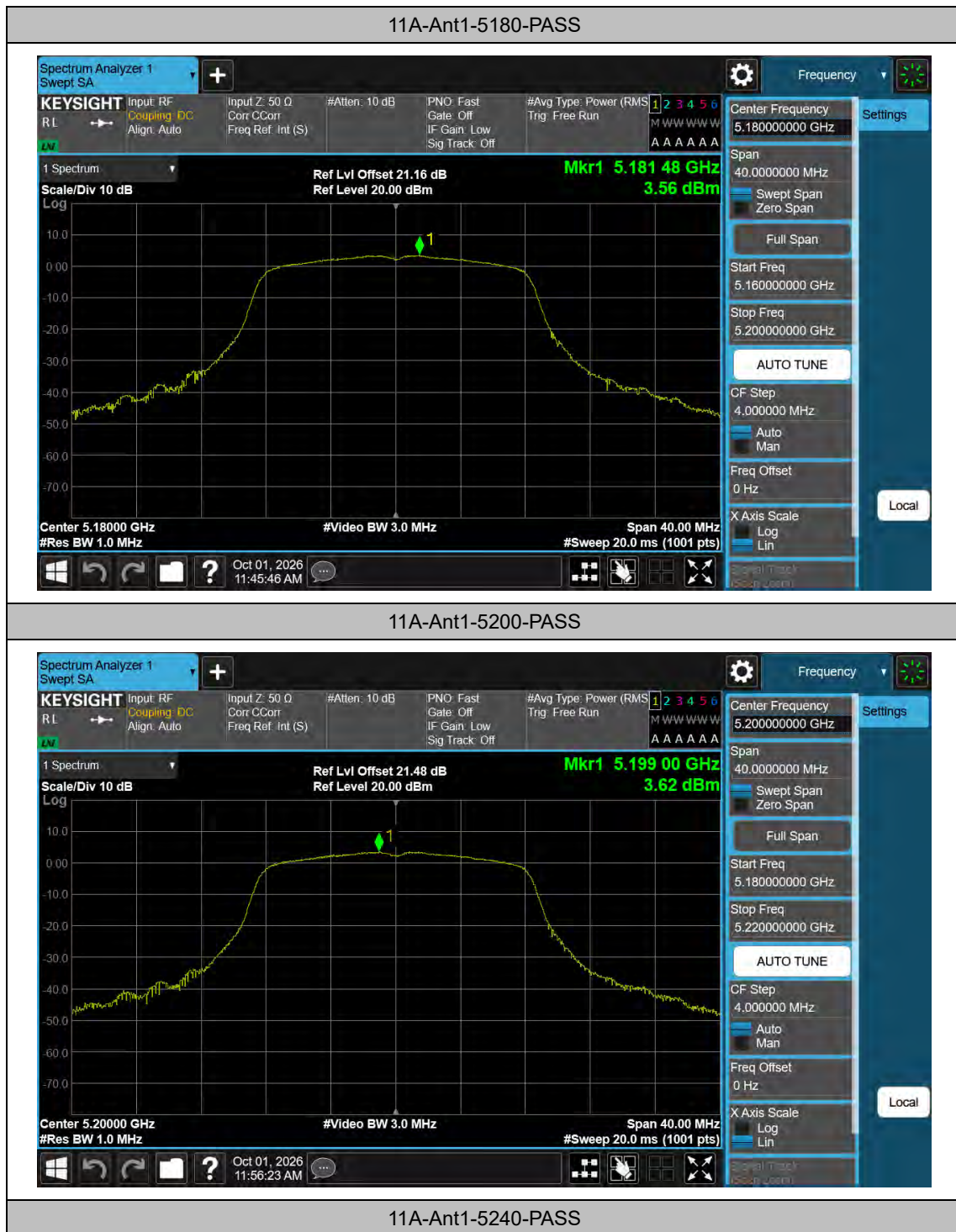
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.56	≤11.00	PASS
11A	Ant1	5200	3.62	≤11.00	PASS
11A	Ant1	5240	3.19	≤11.00	PASS
11A	Ant1	5260	1.38	≤11.00	PASS
11A	Ant1	5300	1.00	≤11.00	PASS
11A	Ant1	5320	0.47	≤11.00	PASS
11A	Ant1	5500	1.40	≤11.00	PASS
11A	Ant1	5580	0.94	≤11.00	PASS
11A	Ant1	5700	0.67	≤11.00	PASS
11A	Ant1	5745	-5.27	≤30.00	PASS
11A	Ant1	5785	-5.96	≤30.00	PASS
11A	Ant1	5825	-5.59	≤30.00	PASS
11N20SISO	Ant1	5180	2.80	≤11.00	PASS
11N20SISO	Ant1	5200	3.65	≤11.00	PASS
11N20SISO	Ant1	5240	3.04	≤11.00	PASS
11N20SISO	Ant1	5260	1.17	≤11.00	PASS
11N20SISO	Ant1	5300	0.49	≤11.00	PASS
11N20SISO	Ant1	5320	0.42	≤11.00	PASS
11N20SISO	Ant1	5500	1.12	≤11.00	PASS
11N20SISO	Ant1	5580	0.78	≤11.00	PASS
11N20SISO	Ant1	5700	0.67	≤11.00	PASS
11N20SISO	Ant1	5745	-5.42	≤30.00	PASS
11N20SISO	Ant1	5785	-5.96	≤30.00	PASS
11N20SISO	Ant1	5825	-5.43	≤30.00	PASS
11N40SISO	Ant1	5190	0.45	≤11.00	PASS
11N40SISO	Ant1	5230	0.73	≤11.00	PASS
11N40SISO	Ant1	5270	-1.79	≤11.00	PASS
11N40SISO	Ant1	5310	-1.39	≤11.00	PASS
11N40SISO	Ant1	5510	-1.86	≤11.00	PASS
11N40SISO	Ant1	5590	-2.46	≤11.00	PASS
11N40SISO	Ant1	5670	-2.83	≤11.00	PASS
11N40SISO	Ant1	5755	-7.85	≤30.00	PASS
11N40SISO	Ant1	5795	-8.30	≤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





11A-Ant1-5260-PASS



11A-Ant1-5300-PASS



11A-Ant1-5320-PASS



11A-Ant1-5500-PASS



11A-Ant1-5580-PASS



11A-Ant1-5700-PASS



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5200-PASS



11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5260-PASS



11N20SISO-Ant1-5300-PASS



11N20SISO-Ant1-5320-PASS



11N20SISO-Ant1-5500-PASS



11N20SISO-Ant1-5580-PASS



11N20SISO-Ant1-5700-PASS



11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS



11N40SISO-Ant1-5270-PASS



11N40SISO-Ant1-5310-PASS



11N40SISO-Ant1-5510-PASS



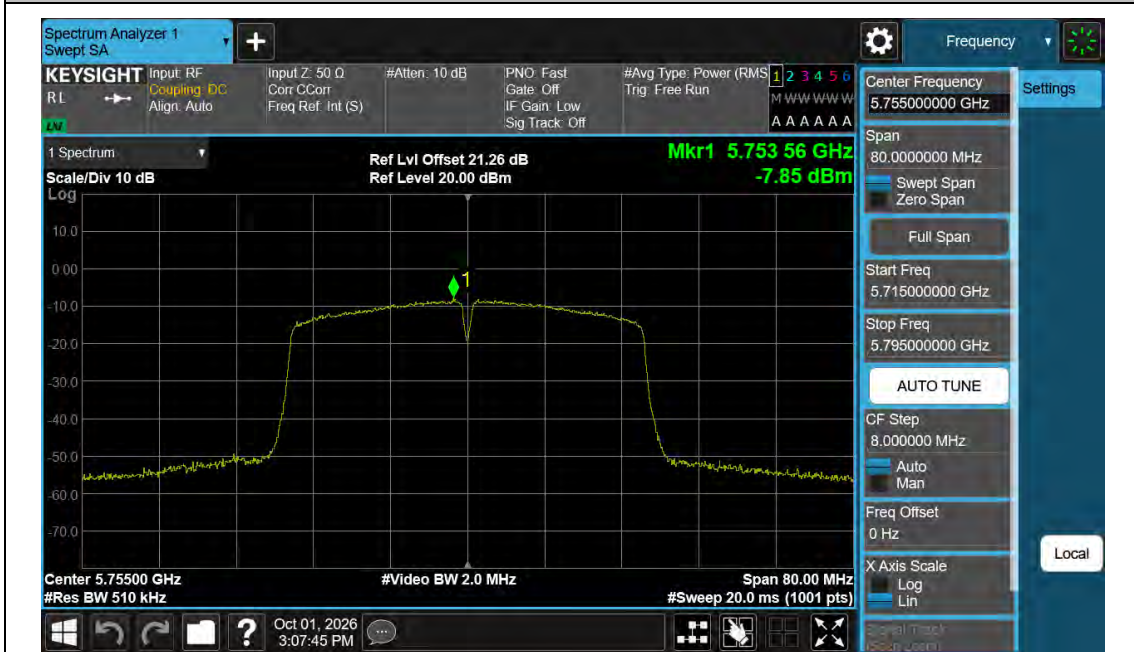
11N40SISO-Ant1-5590-PASS



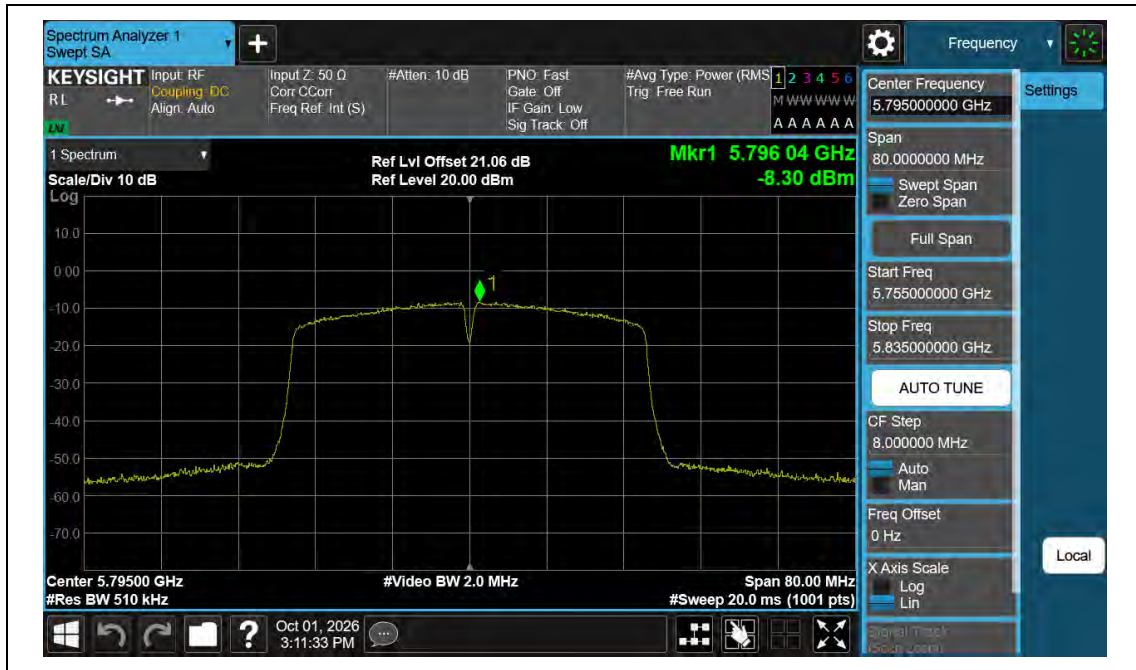
11N40SISO-Ant1-5670-PASS



11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



Appendix E: Frequency Stability

Test Result

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	LV	NT	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	HV	NT	-20000.00	-3.802281	20	PASS
11A	Ant1	5500	NV	NT	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	LV	NT	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	HV	NT	-20000.00	-3.636364	20	PASS
11A	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	LV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	-20	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	-10	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	0	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	20	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	30	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	40	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	50	-20000.00	-3.802281	20	PASS
11A	Ant1	5500	NV	-30	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	-20	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	-10	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	0	-20000.00	-3.636364	20	PASS



11A	Ant1	5500	NV	10	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	20	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	30	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	40	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	50	-20000.00	-3.636364	20	PASS
11A	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	-20	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	-10	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	0	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	10	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	30	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	40	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	50	-20000.00	-3.481288	20	PASS