

Appendix A: Test Results of 5.1G SDR

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Appendix A.1: Test Results of Conducted Power Spectral Density

5.1GHz SDR, 10MHz BW

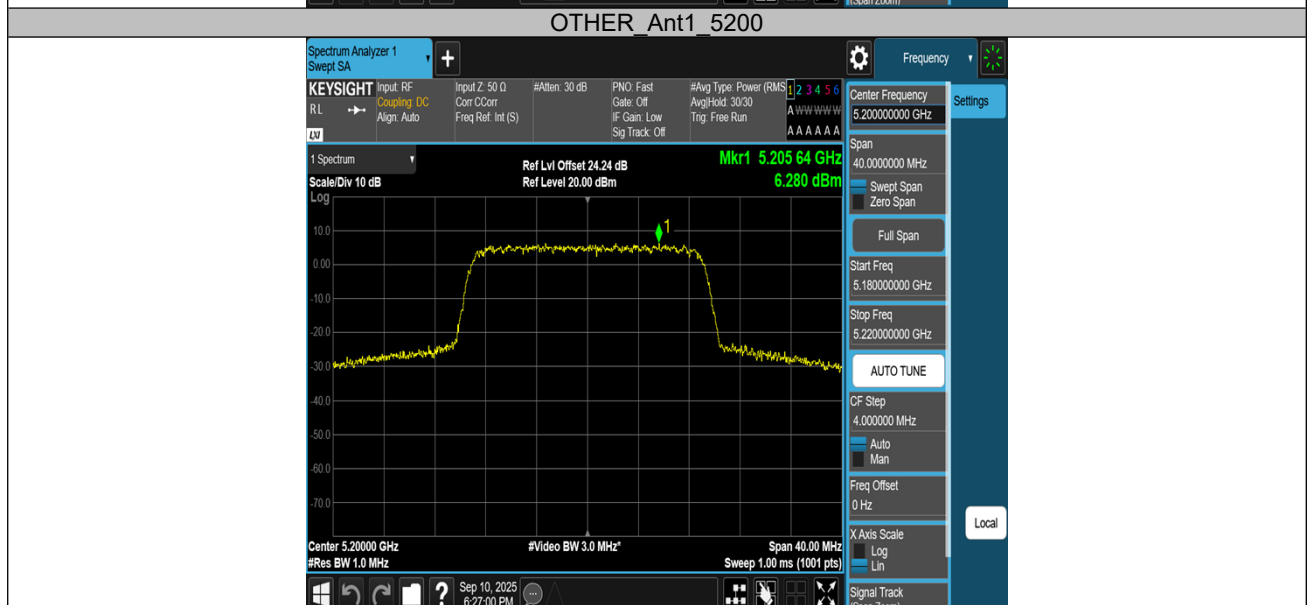
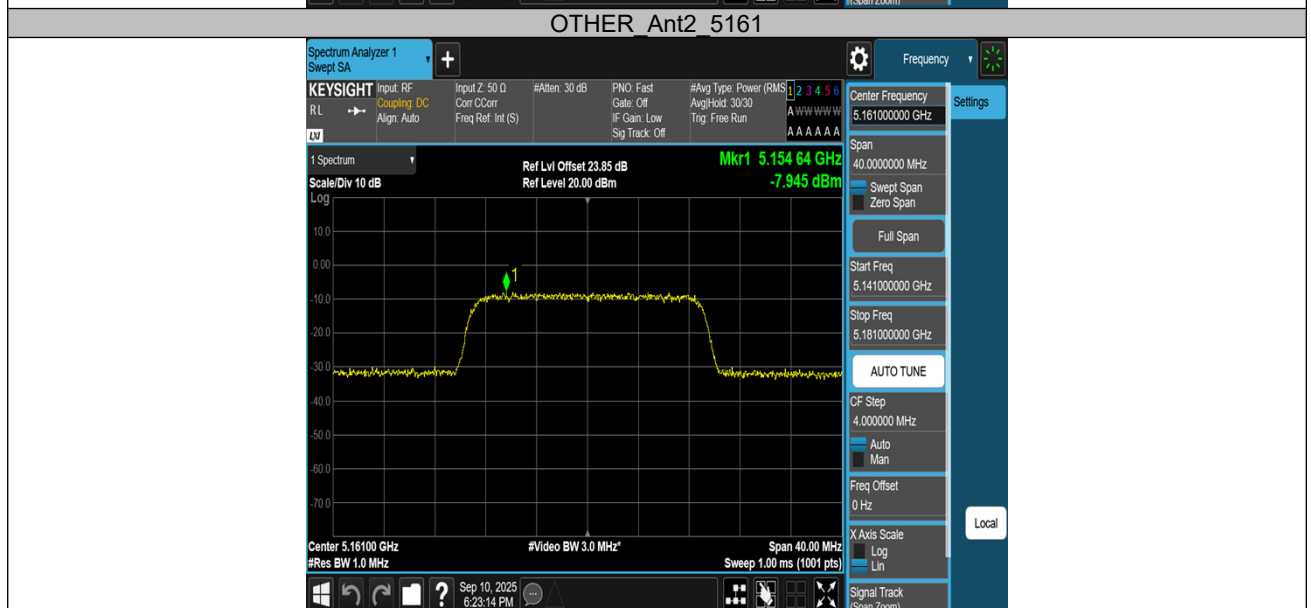
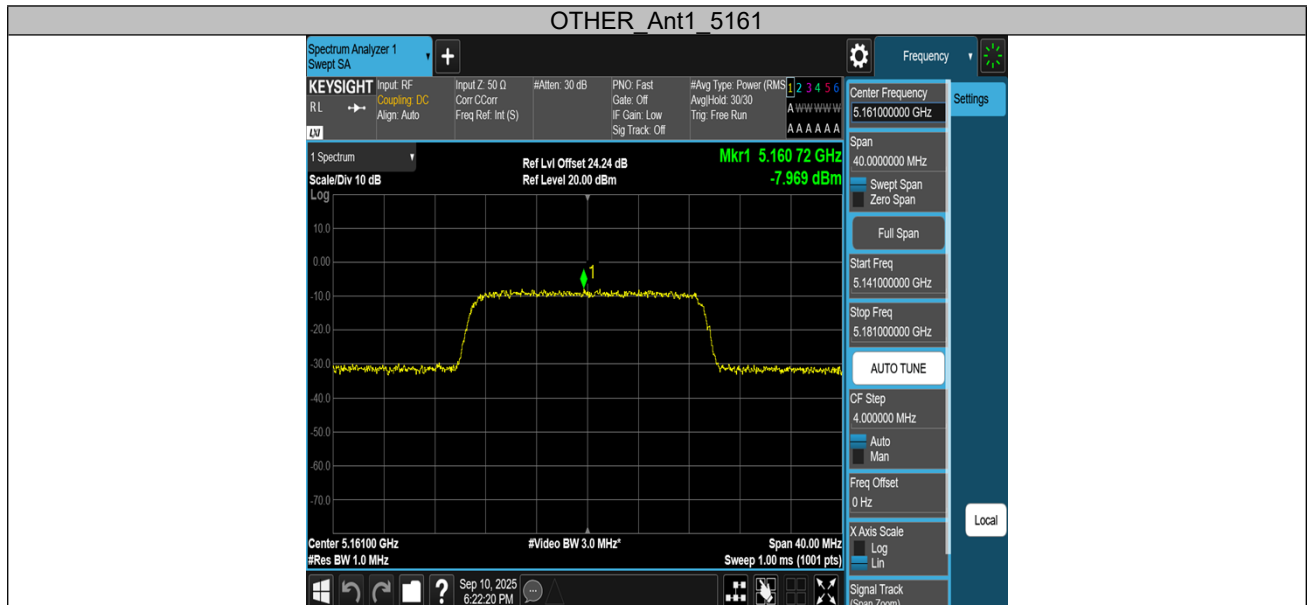
TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
OTHER	Ant1	5157	-5.49	≤11.00	PASS
	Ant2	5157	-5.53	≤11.00	PASS
	Sum	5157	-2.50	≤11.00	PASS
	Ant1	5200	7.03	≤11.00	PASS
	Ant2	5200	8.01	≤11.00	PASS
	Sum	5200	10.56	≤11.00	PASS
	Ant1	5245	8.65	≤11.00	PASS
	Ant2	5245	5.95	≤11.00	PASS
	Sum	5245	10.52	≤11.00	PASS





5.1GHz SDR, 20MHz BW

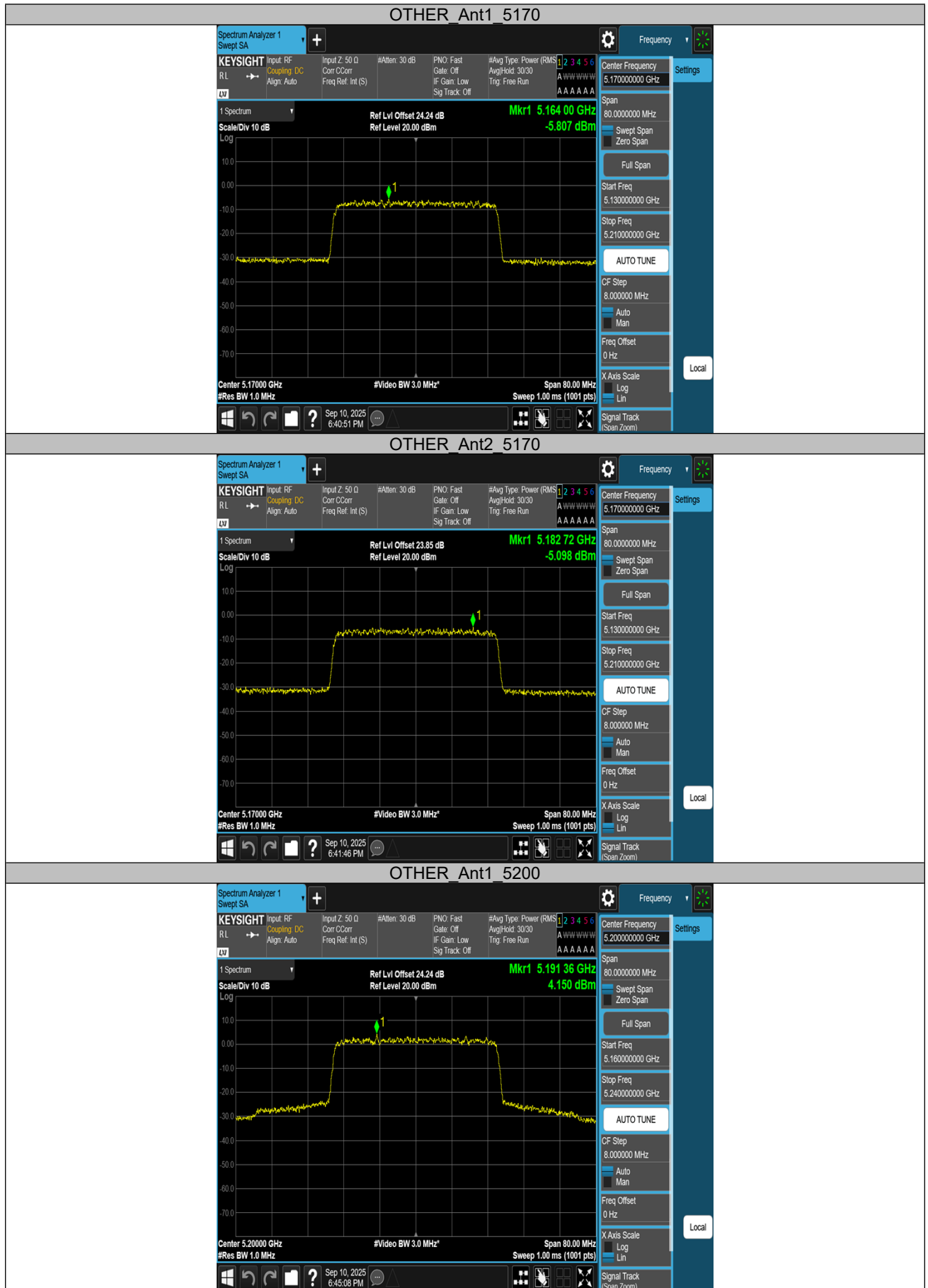
TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
OTHER	Ant1	5161	-7.97	≤11.00	PASS
	Ant2	5161	-7.95	≤11.00	PASS
	Sum	5161	-4.95	≤11.00	PASS
	Ant1	5200	6.28	≤11.00	PASS
	Ant2	5200	7.13	≤11.00	PASS
	Sum	5200	9.74	≤11.00	PASS
	Ant1	5240	7.06	≤11.00	PASS
	Ant2	5240	5.79	≤11.00	PASS
	Sum	5240	9.48	≤11.00	PASS





5.1GHz SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
OTHER	Ant1	5170	-5.81	≤11.00	PASS
	Ant2	5170	-5.1	≤11.00	PASS
	Sum	5170	-2.43	≤11.00	PASS
	Ant1	5200	4.15	≤11.00	PASS
	Ant2	5200	5.19	≤11.00	PASS
	Sum	5200	7.71	≤11.00	PASS
	Ant1	5230	6.09	≤11.00	PASS
	Ant2	5230	6.63	≤11.00	PASS
	Sum	5230	9.38	≤11.00	PASS





Appendix A.2: Test Results of Frequency Stability

This testing was carried out on both antenna port 1 and port 2, but only the worst case was presented in this report.

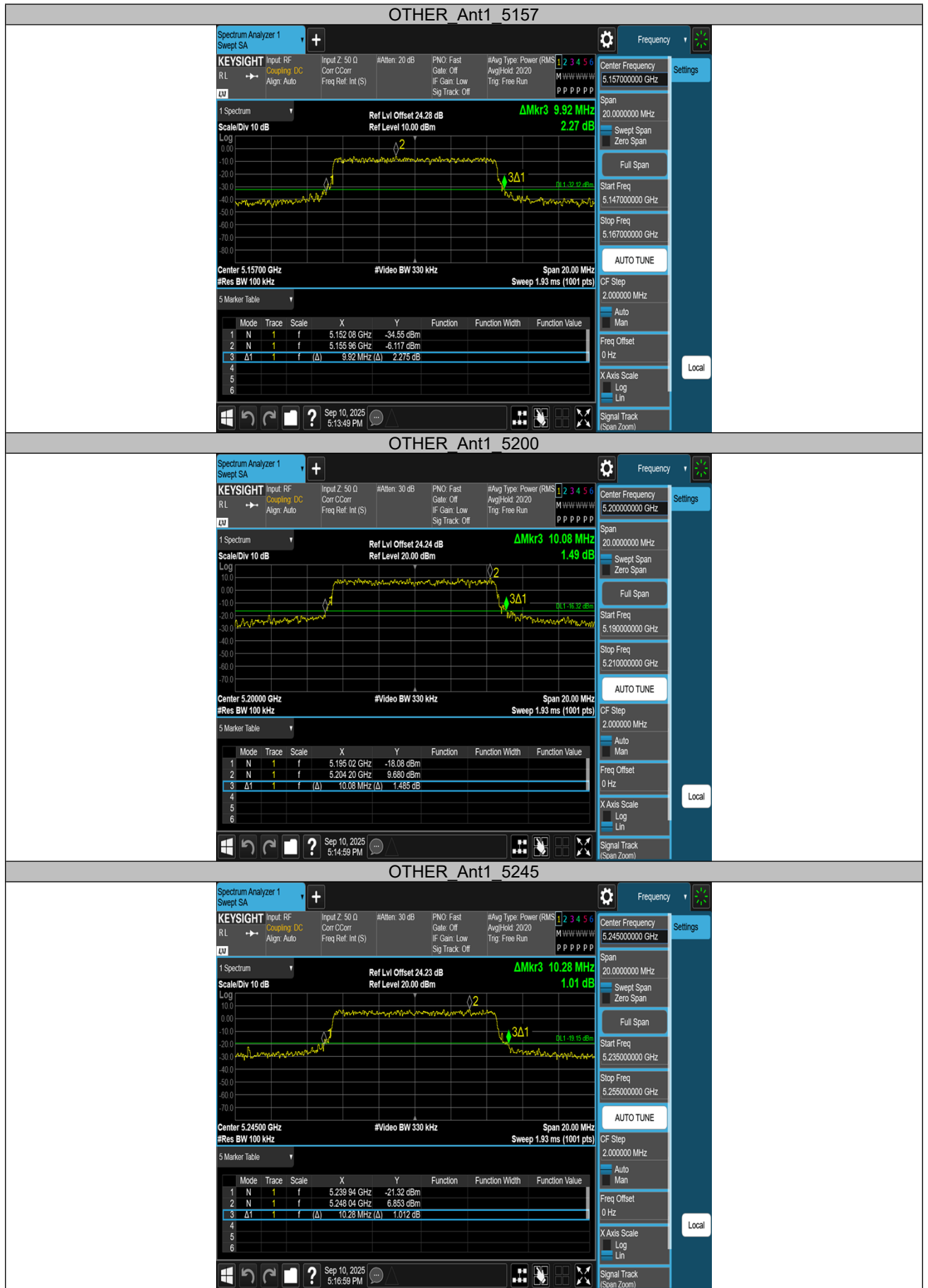
TestMode	Antenna	Channel	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
10MHz	Ant1	5157	-3000.00	-0.581734	Within the authorized band	PASS
		5200	-4000.00	-0.769231		PASS
		5245	-4000.00	-0.762631		PASS
20MHz	Ant1	5161	-3000.00	-0.581283		PASS
		5200	-4000.00	-0.769231		PASS
		5240	-4000.00	-0.763359		PASS
40MHz	Ant1	5170	-4000.00	-0.773694		PASS
		5200	-4000.00	-0.769231		PASS
		5230	-4000.00	-0.764818		PASS

Appendix A.3: Test Results of 26dB Bandwidth

Note: This testing was carried out on both antenna port 1 and port 2, but only the worst case was presented in this report.

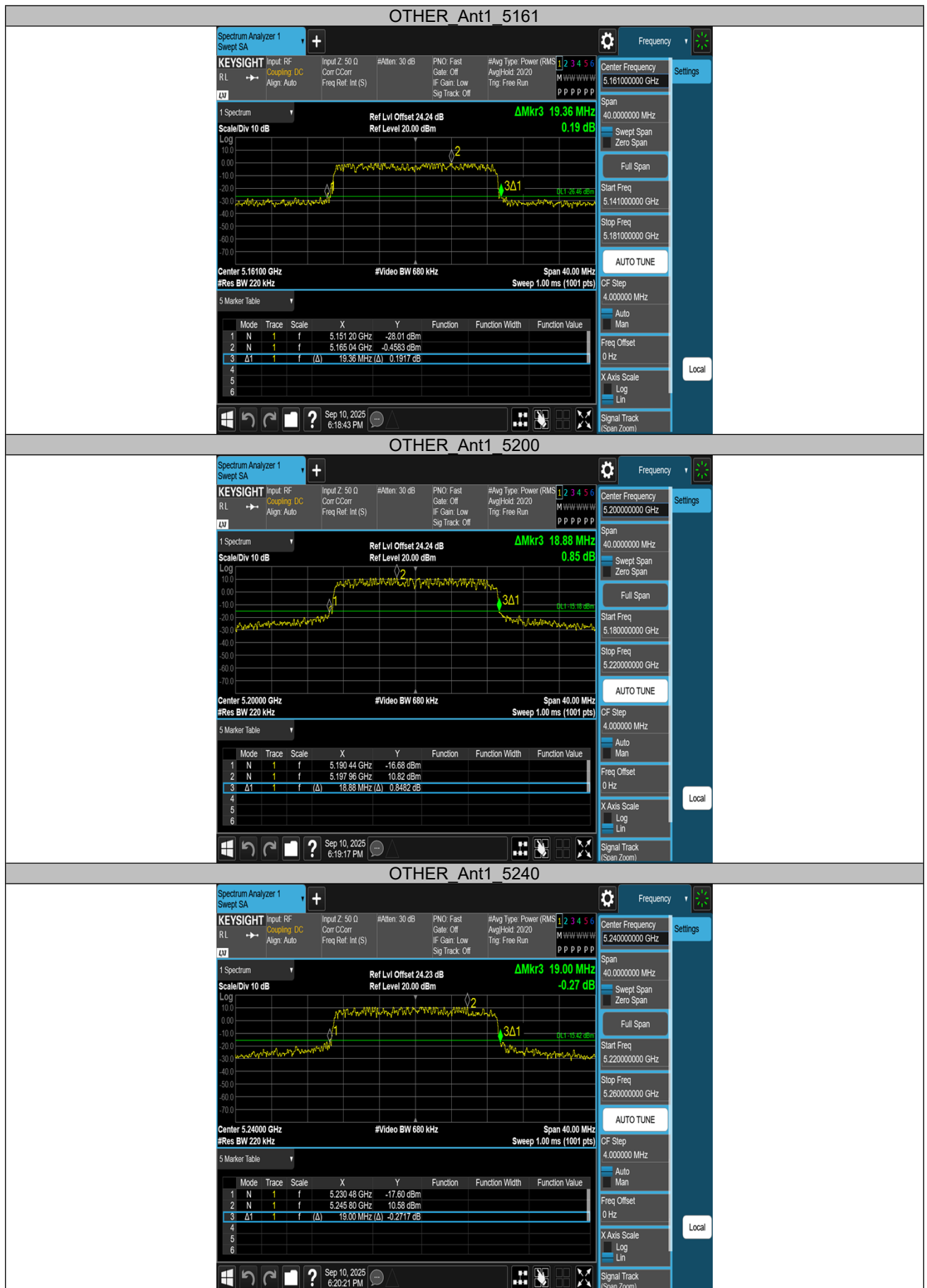
5.1GHz SDR, 10MHz BW

TestMode	Antenna	Channel	26Db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5157	9.920	5152.080	5162.000	---	---
		5200	10.080	5195.020	5205.100	---	---
		5245	10.280	5239.940	5250.220	---	---



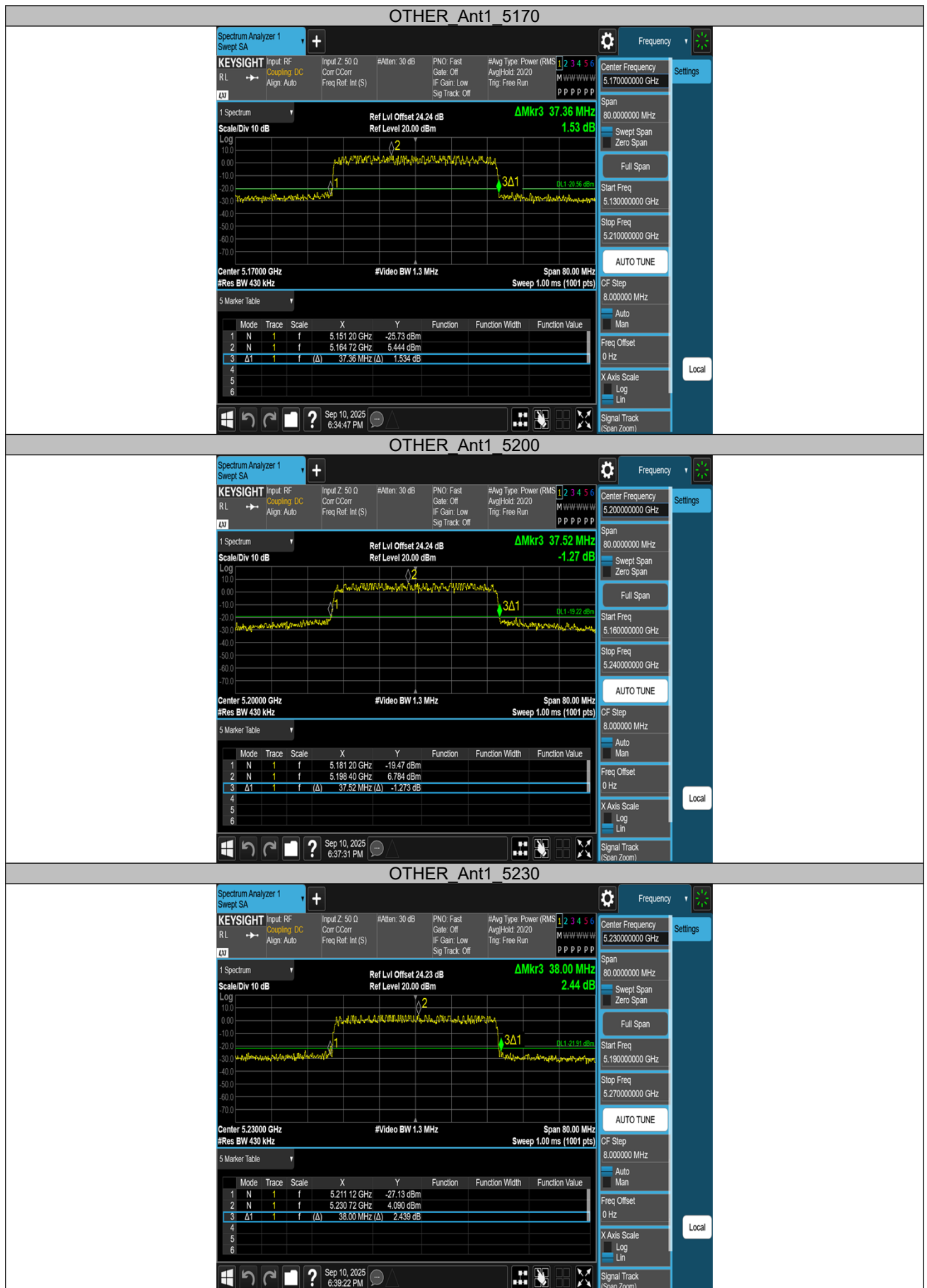
5.1GHz SDR, 20MHz BW

TestMode	Antenna	Channel	26Db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5161	19.360	5151.200	5170.560	---	---
		5200	18.880	5190.440	5209.320	---	---
		5240	19.000	5230.480	5249.480	---	---



5.1GHz SDR, 40MHz BW

TestMode	Antenna	Channel	26Db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5170	37.360	5151.200	5188.560	---	---
		5200	37.520	5181.200	5218.720	---	---
		5230	38.000	5211.120	5249.120	---	---



Appendix A.4: Test Results of 99% Bandwidth

Note: This testing was carried out on both antenna port 1 and port 2, but only the worst case was presented in this report.
5.1GHz SDR, 10MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5157	9.0652	5152.4709	5161.5361	---	---
		5200	9.0651	5195.4657	5204.5308	---	---
		5245	9.0103	5240.4932	5249.5035	---	---



5.1GHz SDR, 20MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
OTHER	Ant1	5161	17.984	5151.9997	5169.9837	---	---
		5200	17.771	5191.1166	5208.8876	---	---
		5240	17.821	5231.1169	5248.9379	---	---