

Appendix A: Test Results of 5.8G SDR

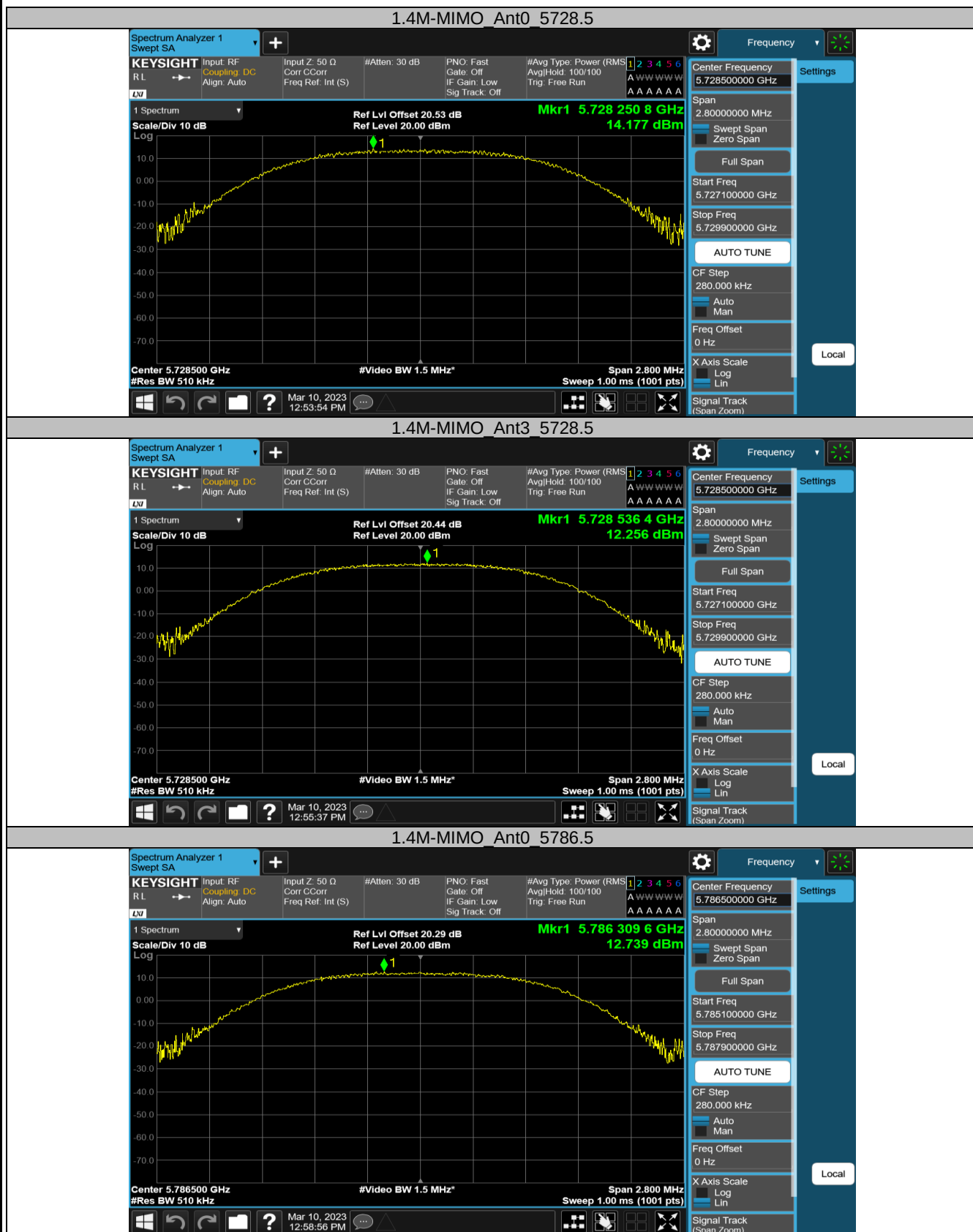
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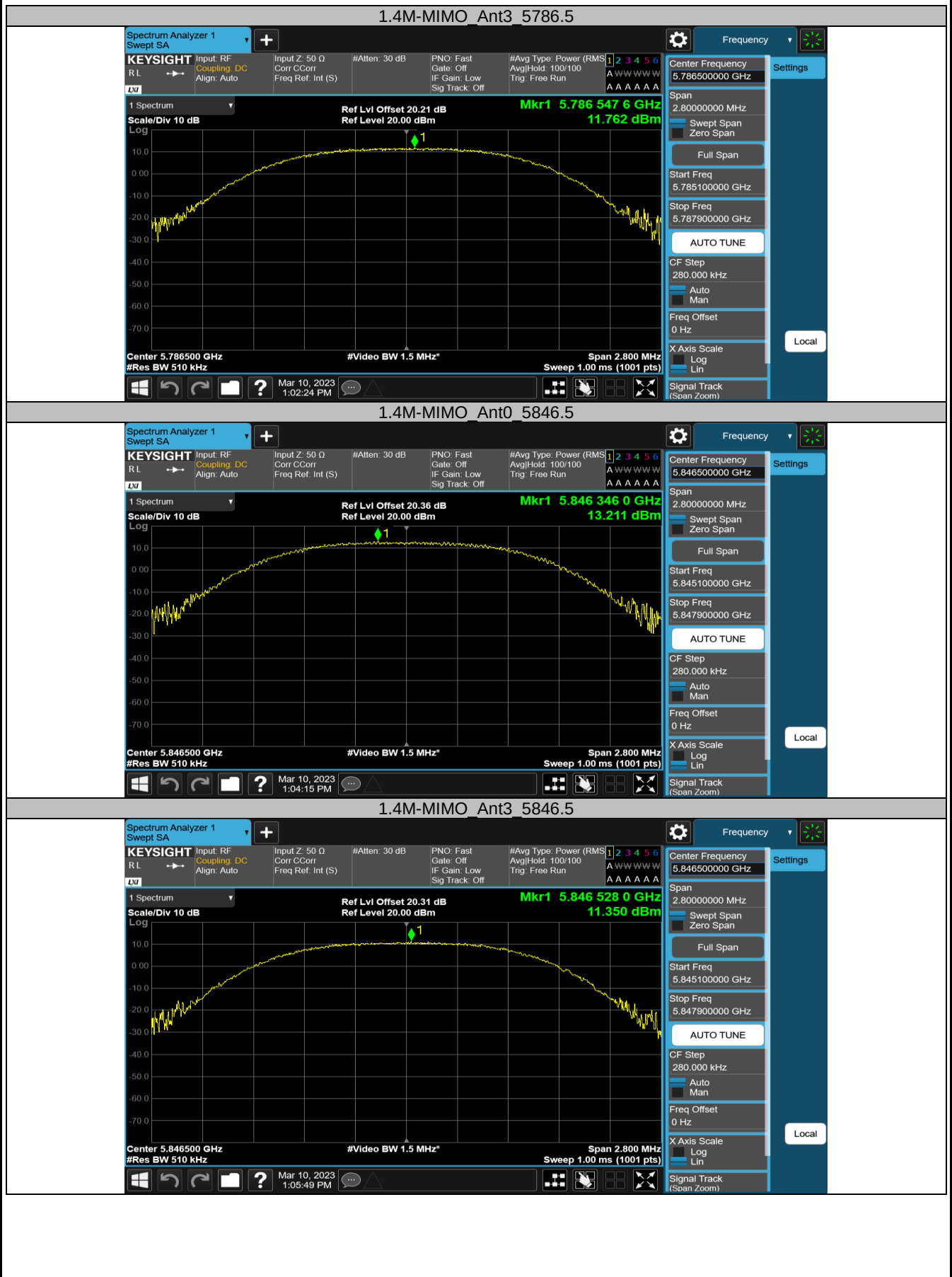
Appendix A.1: Test Results of Conducted Power Spectral Density

5.8G SDR, 1.4MHz BW

TestMode	Channel	Antenna	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
1.4M-MIMO	5728.5	Ant0	14.18	≤30.00	PASS
		Ant3	12.26	≤30.00	PASS
		Total	16.34	≤30.00	PASS
	5786.5	Ant0	12.74	≤30.00	PASS
		Ant3	11.76	≤30.00	PASS
		Total	15.29	≤30.00	PASS
	5846.5	Ant0	13.21	≤30.00	PASS
		Ant3	11.35	≤30.00	PASS
		Total	15.39	≤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.

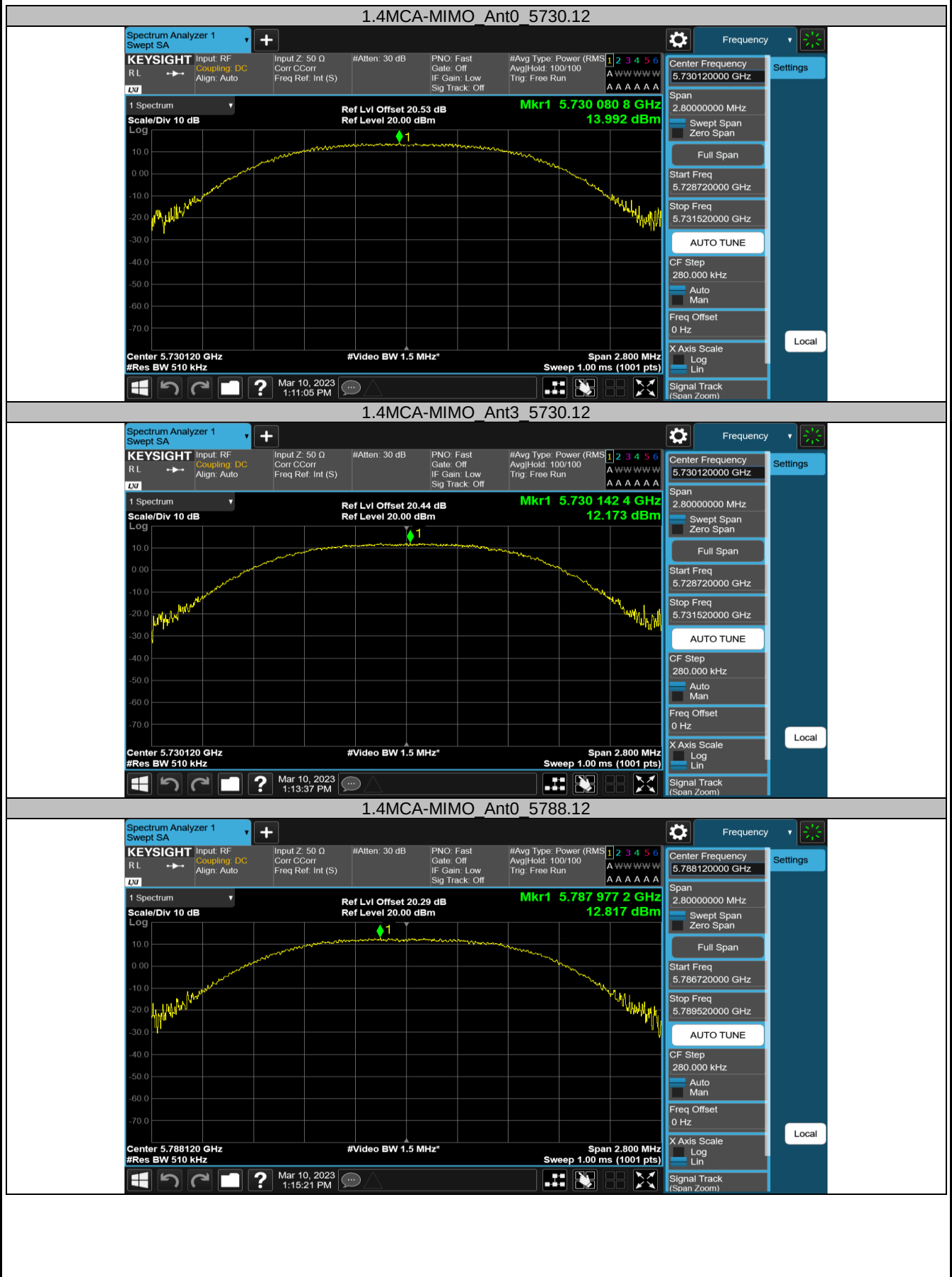




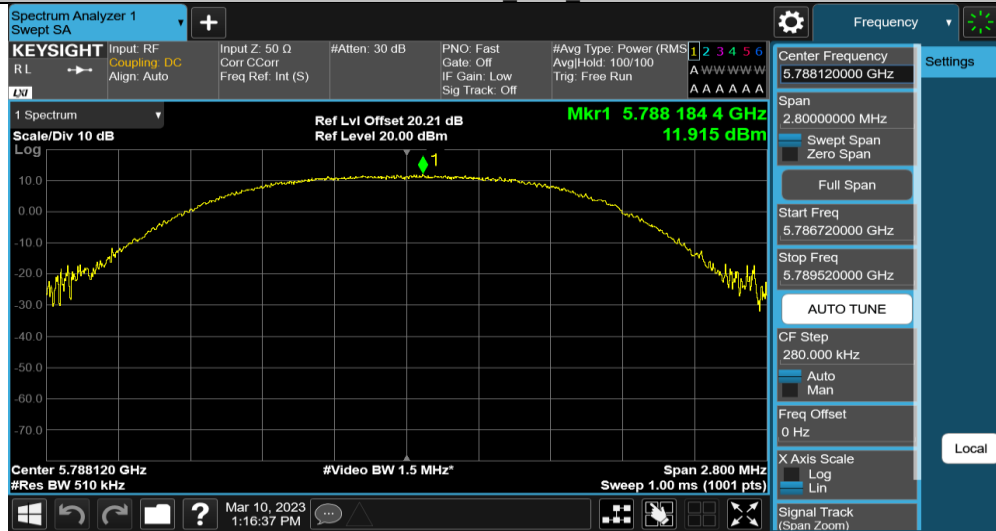
5.8G SDR, 1.4MHz BW CA mode

TestMode	Channel	Antenna	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
1.4MCA-MIMO	5730.12	Ant0	13.99	≤30.00	PASS
		Ant3	12.17	≤30.00	PASS
		Total	16.18	≤30.00	PASS
	5788.12	Ant0	12.82	≤30.00	PASS
		Ant3	11.92	≤30.00	PASS
		Total	15.40	≤30.00	PASS
	5848.12	Ant0	13.00	≤30.00	PASS
		Ant3	11.06	≤30.00	PASS
		Total	15.15	≤30.00	PASS

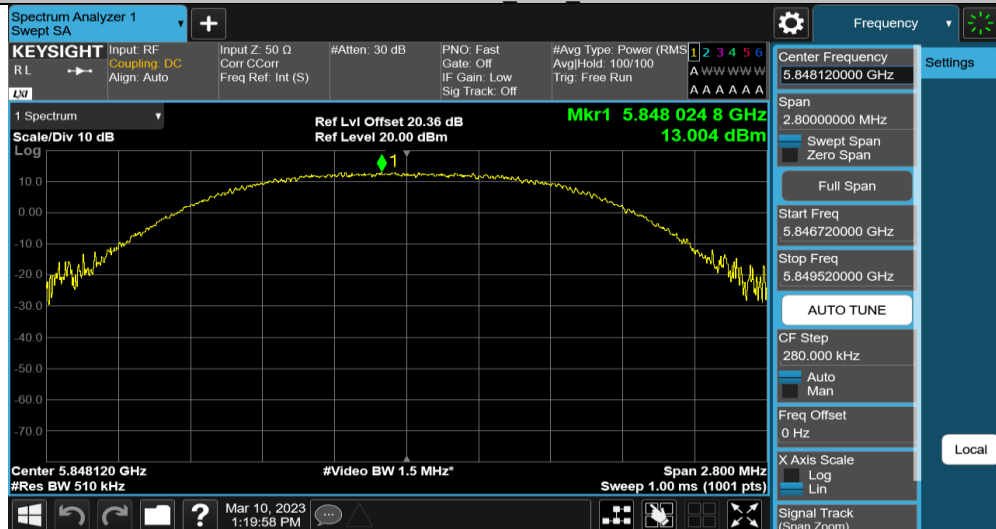
Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2. The Duty Cycle Factor and RBW Factor is compensated in the graph.



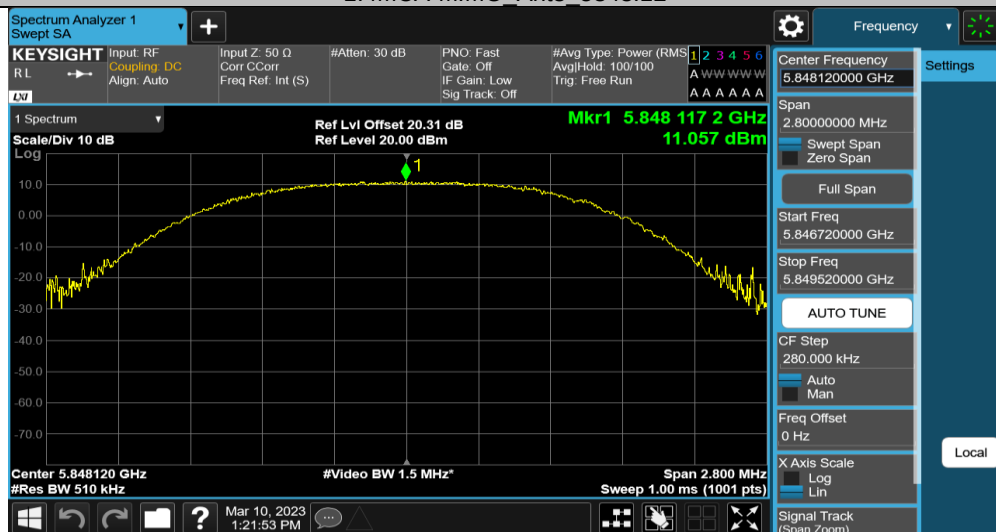
1.4MCA-MIMO Ant3 5788.12



1.4MCA-MIMO Ant0 5848.12



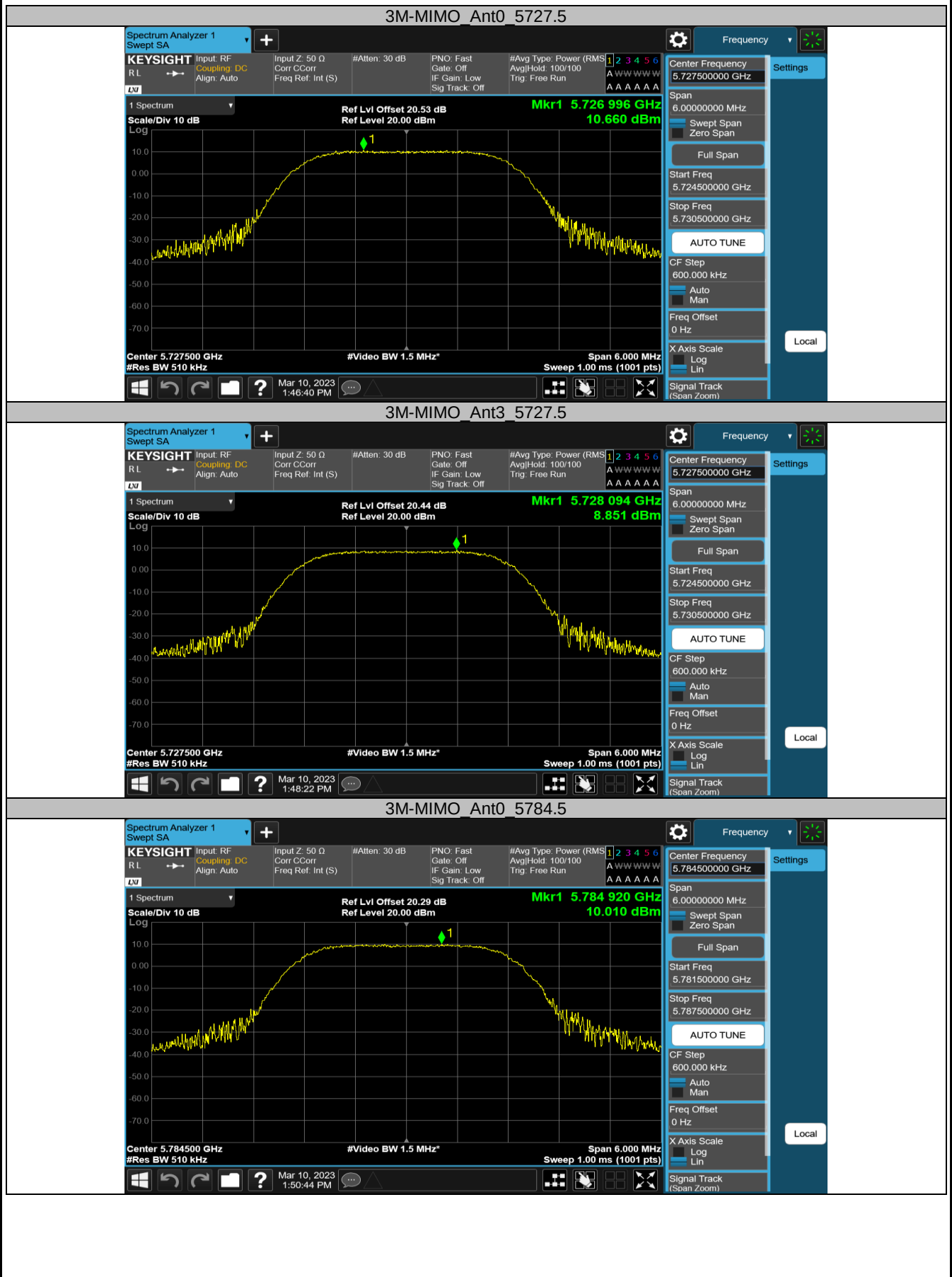
1.4MCA-MIMO Ant3 5848.12

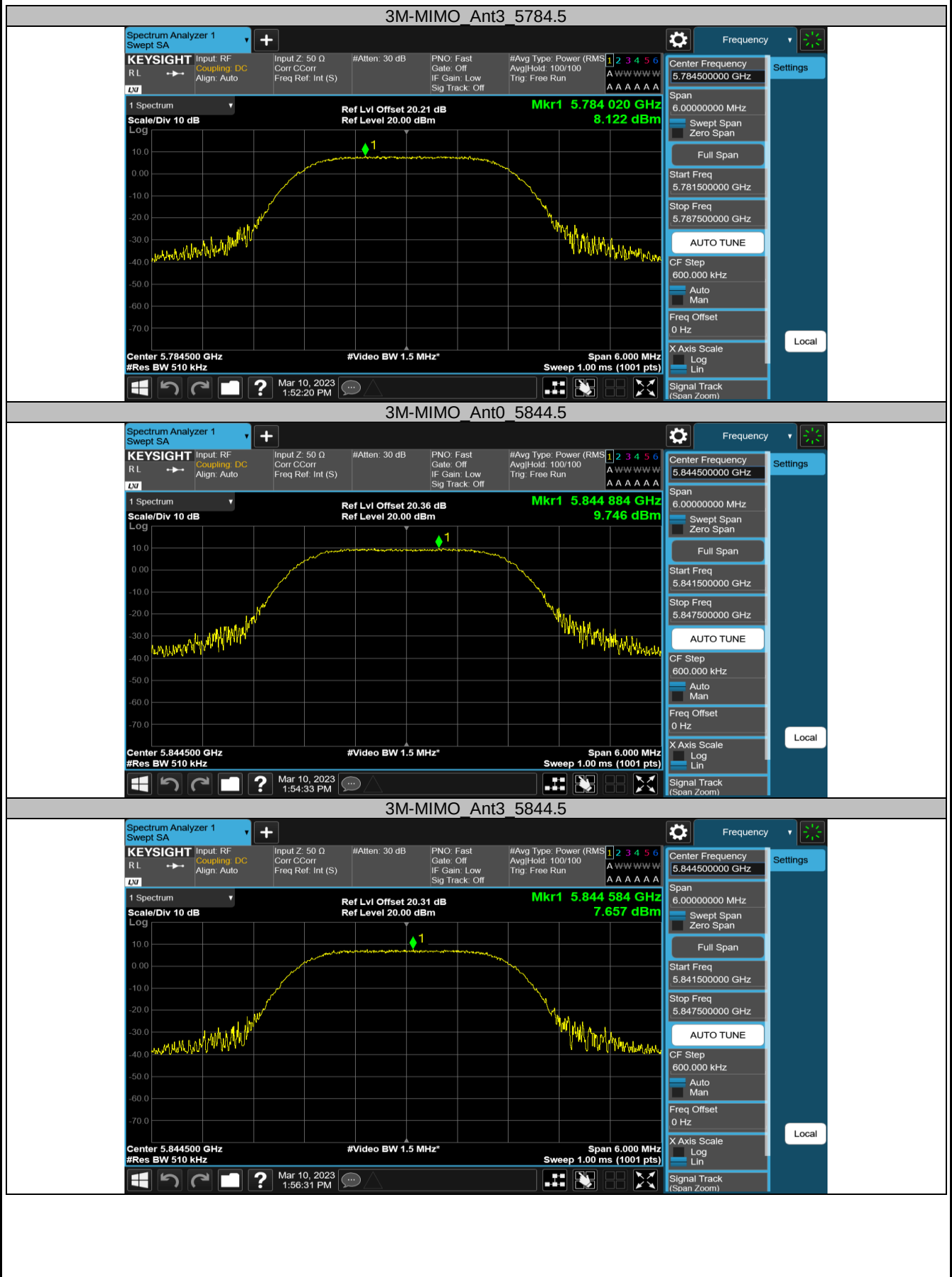


5.8G SDR, 3MHz BW

TestMode	Channel	Antenna	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
3M-MIMO	5727.5	Ant0	10.66	≤30.00	PASS
		Ant3	8.85	≤30.00	PASS
		Total	12.86	≤30.00	PASS
	5784.5	Ant0	10.01	≤30.00	PASS
		Ant3	8.12	≤30.00	PASS
		Total	12.18	≤30.00	PASS
	5844.5	Ant0	9.75	≤30.00	PASS
		Ant3	7.66	≤30.00	PASS
		Total	11.84	≤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.





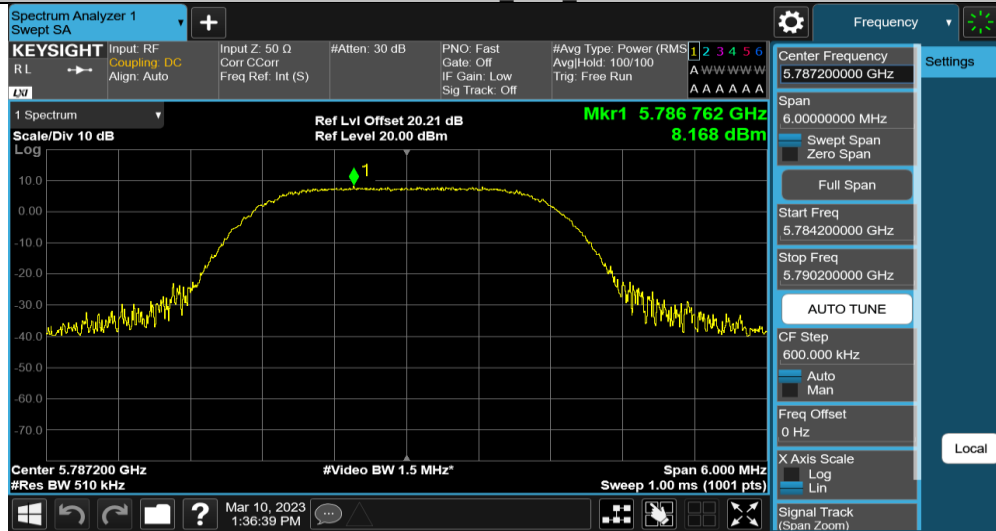
5.8G SDR, 3MHz BW CA mode

TestMode	Channel	Antenna	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
3MCA-MIMO	5730.2	Ant0	10.87	≤30.00	PASS
		Ant3	8.98	≤30.00	PASS
		Total	13.04	≤30.00	PASS
	5787.2	Ant0	9.81	≤30.00	PASS
		Ant3	8.17	≤30.00	PASS
		Total	12.08	≤30.00	PASS
	5847.2	Ant0	9.78	≤30.00	PASS
		Ant3	7.17	≤30.00	PASS
		Total	11.68	≤30.00	PASS

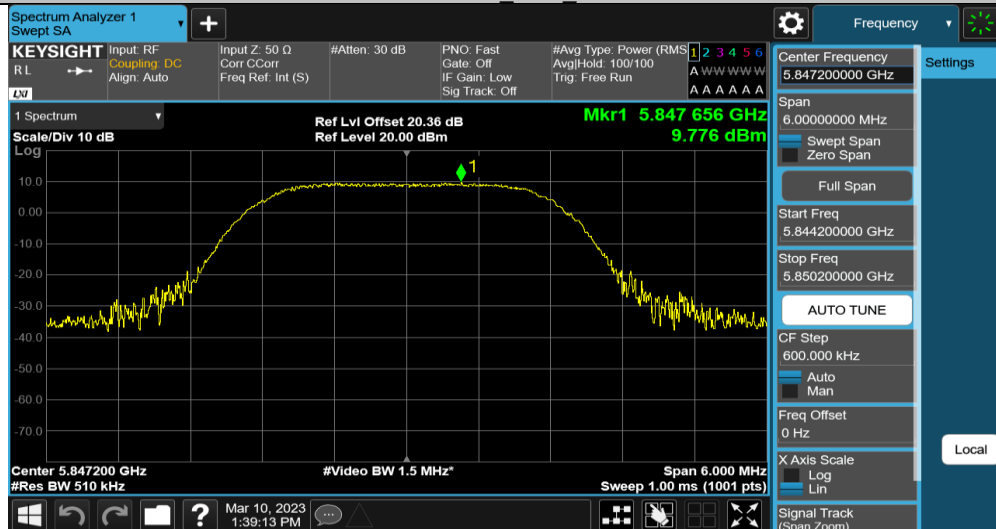
Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2. The Duty Cycle Factor and RBW Factor is compensated in the graph.



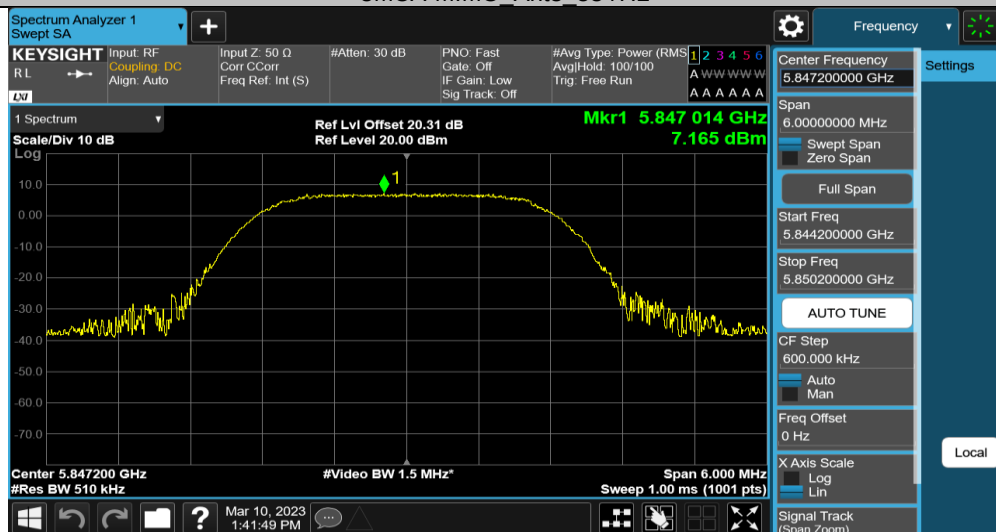
3MCA-MIMO_Ant3_5787.2



3MCA-MIMO_Ant0_5847.2



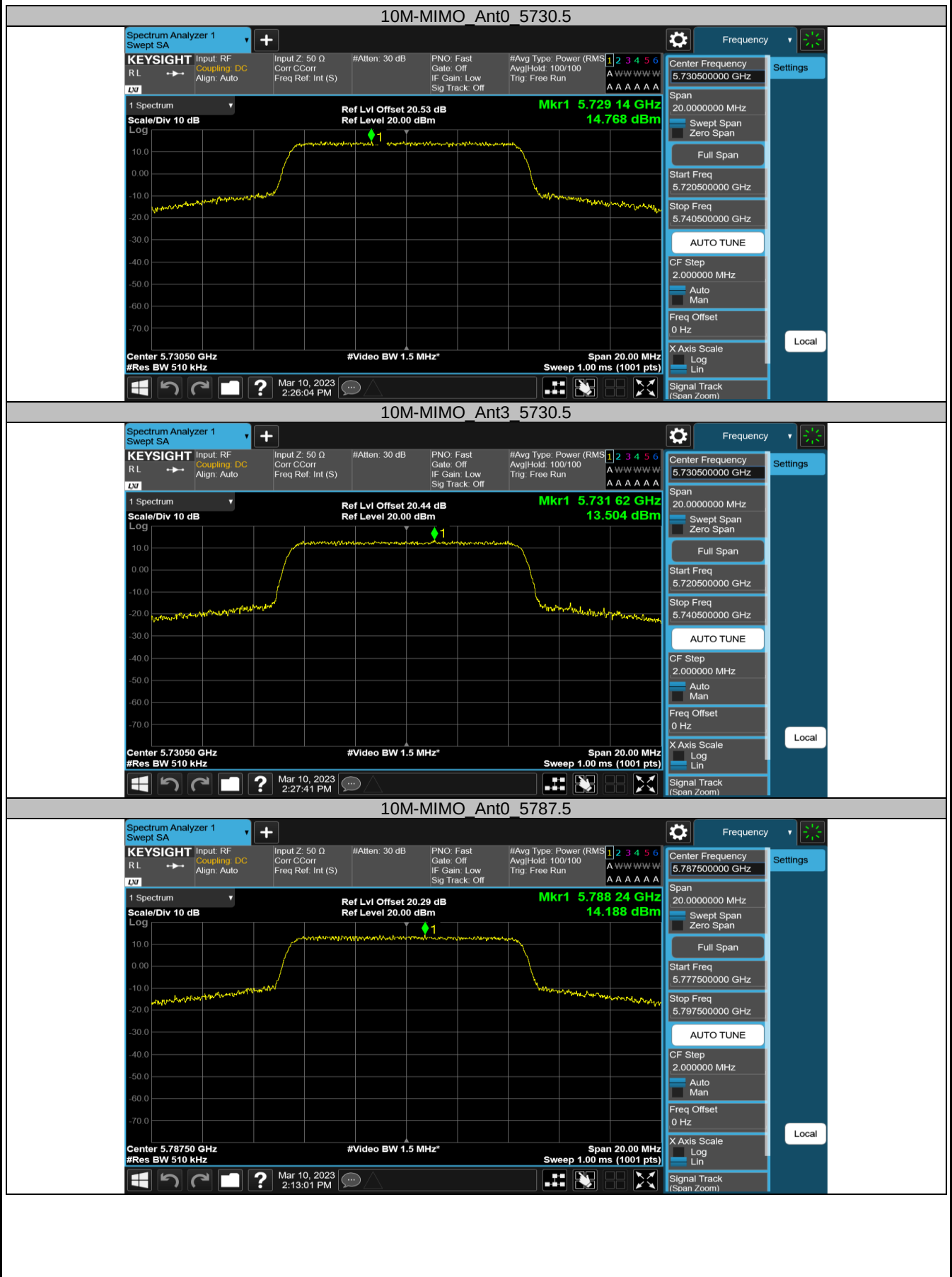
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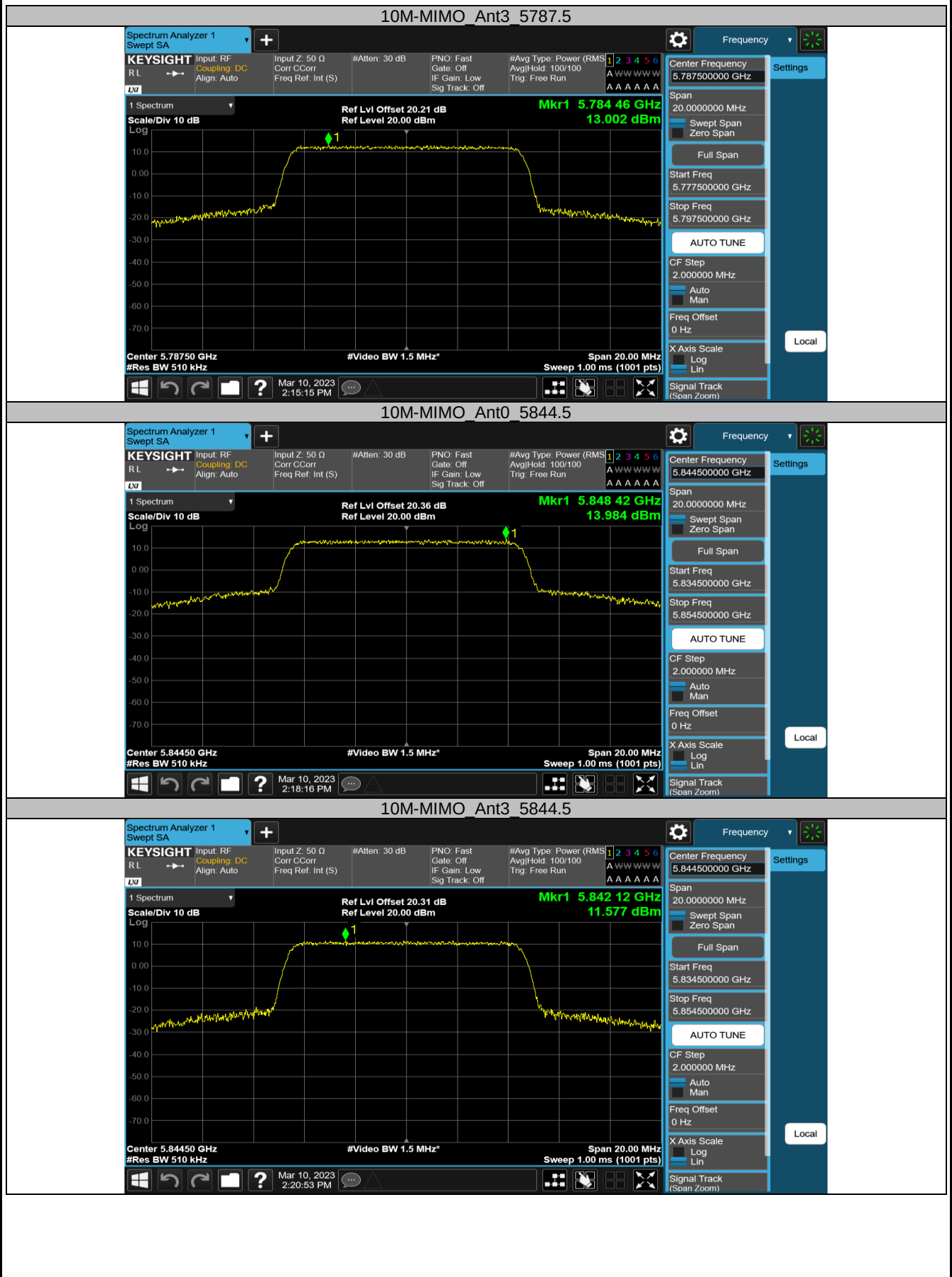


5.8G SDR, 10MHz BW

TestMode	Channel	Antenna	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
10M-MIMO	5730.5	Ant0	14.77	≤30.00	PASS
		Ant3	13.50	≤30.00	PASS
		Total	17.19	≤30.00	PASS
	5787.5	Ant0	14.19	≤30.00	PASS
		Ant3	13.00	≤30.00	PASS
		Total	16.65	≤30.00	PASS
	5844.5	Ant0	13.98	≤30.00	PASS
		Ant3	11.58	≤30.00	PASS
		Total	15.95	≤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.





5.8G SDR, 20MHz BW

TestMode	Channel	Antenna	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
20M-MIMO	5735.5	Ant0	11.75	≤30.00	PASS
		Ant3	10.22	≤30.00	PASS
		Total	11.36	≤30.00	PASS
	5787.5	Ant0	10.39	≤30.00	PASS
		Ant3	13.91	≤30.00	PASS
		Total	21.64	≤30.00	PASS
	5839.5	Ant0	11.04	≤30.00	PASS
		Ant3	8.56	≤30.00	PASS
		Total	12.98	≤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.

