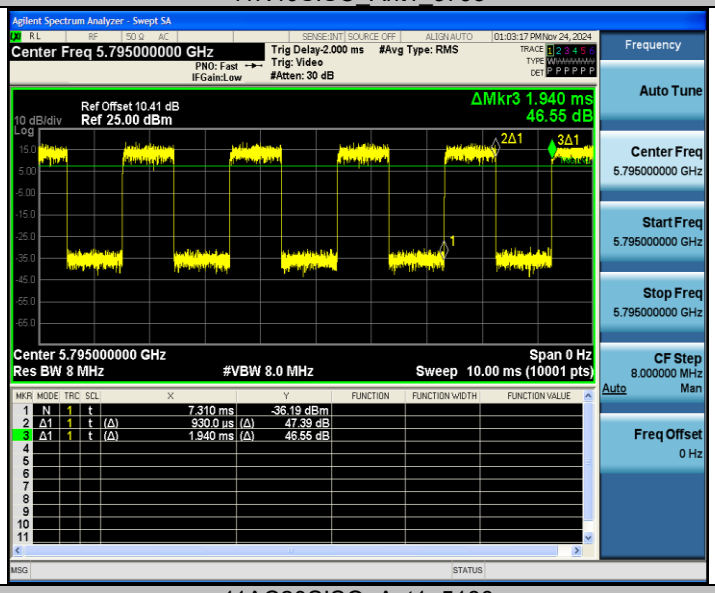
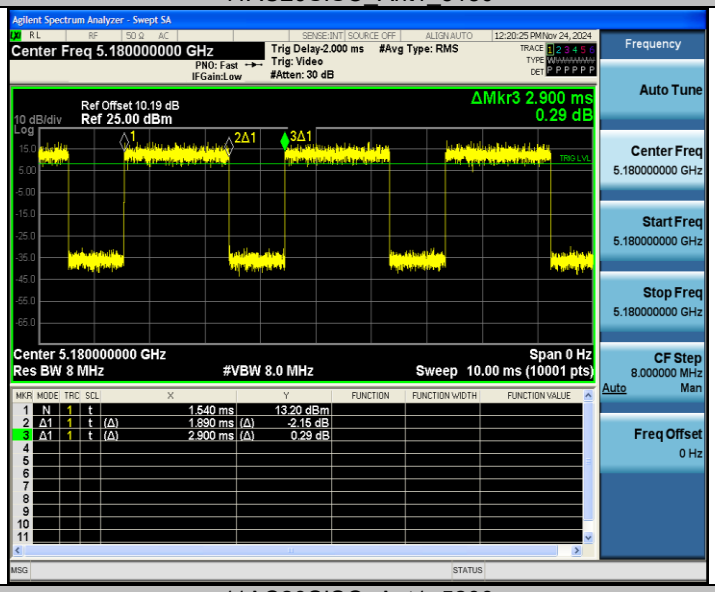
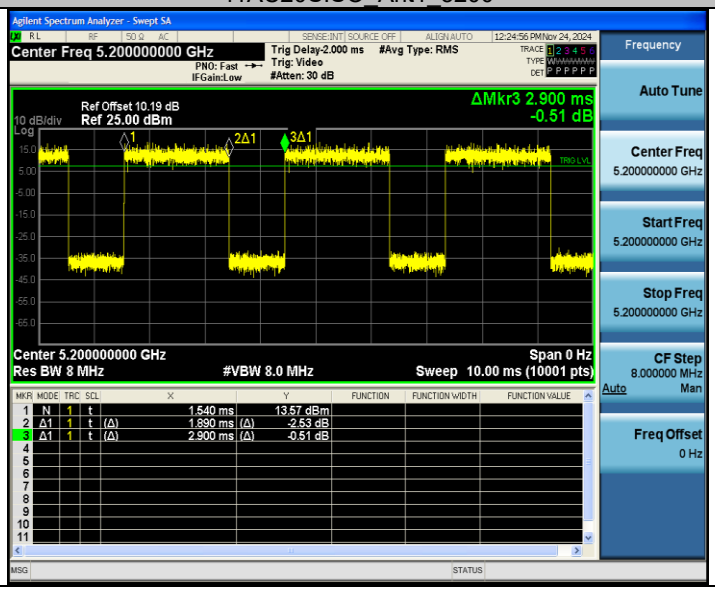
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



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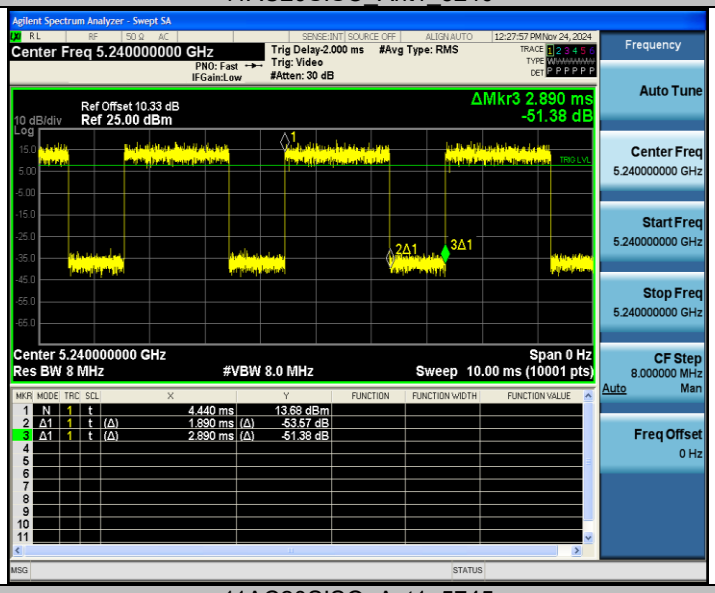
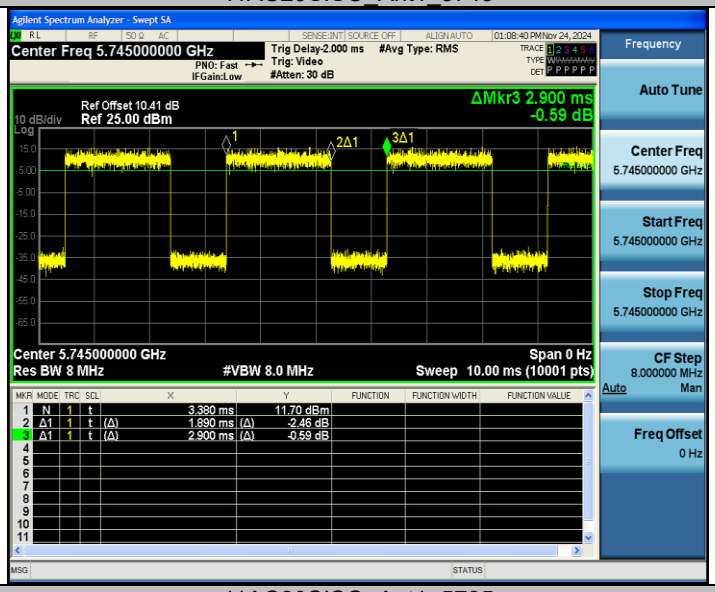
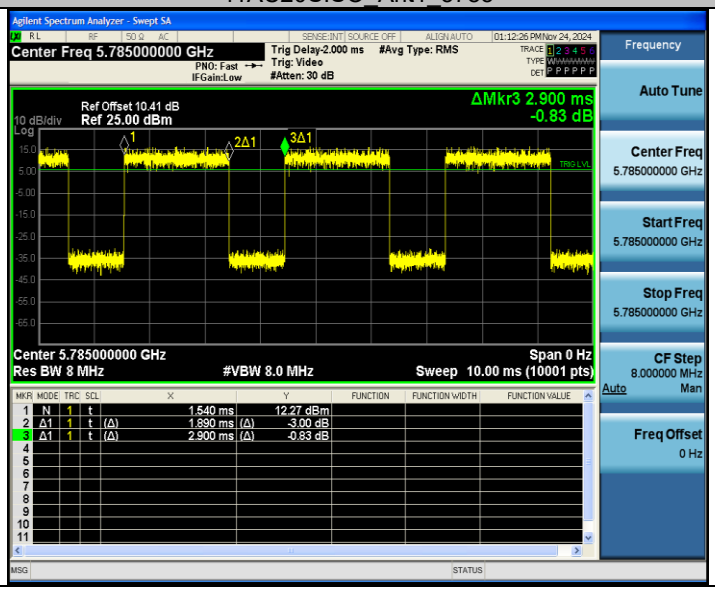


11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



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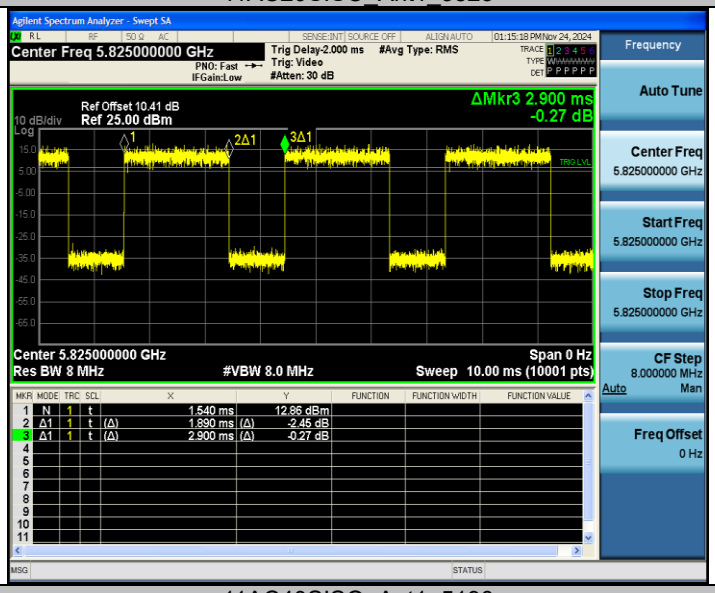
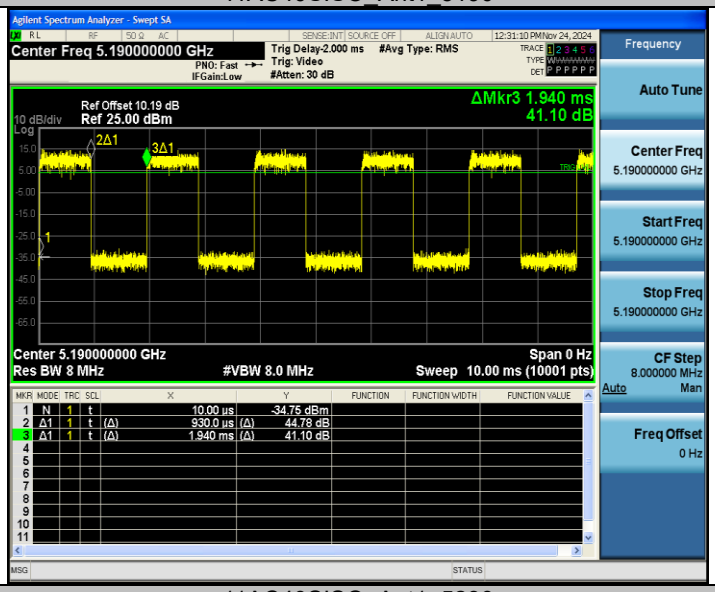


11AC40SISO_Ant1_5190



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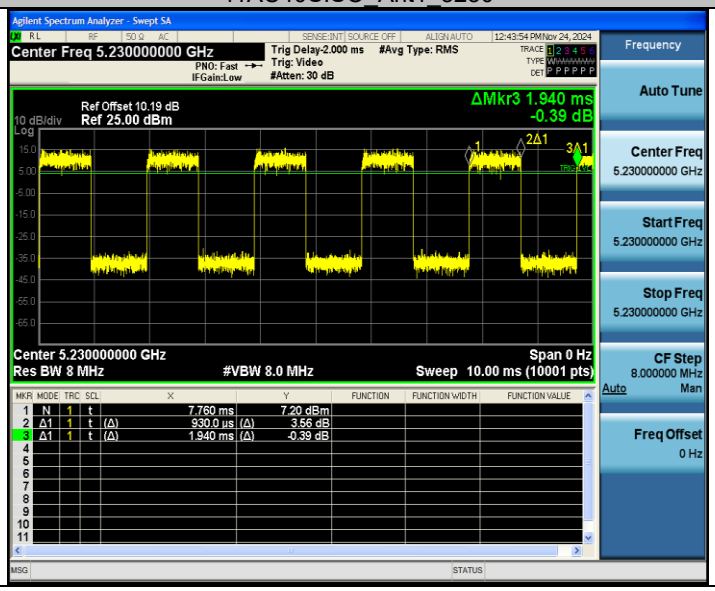
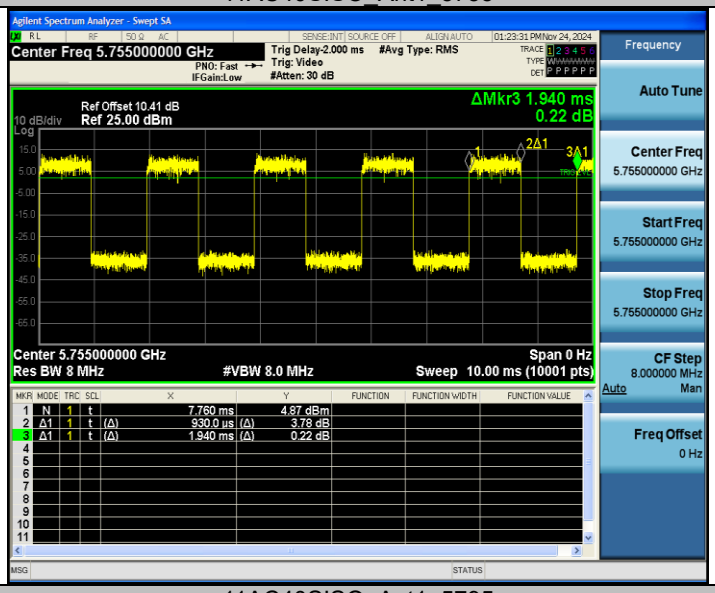
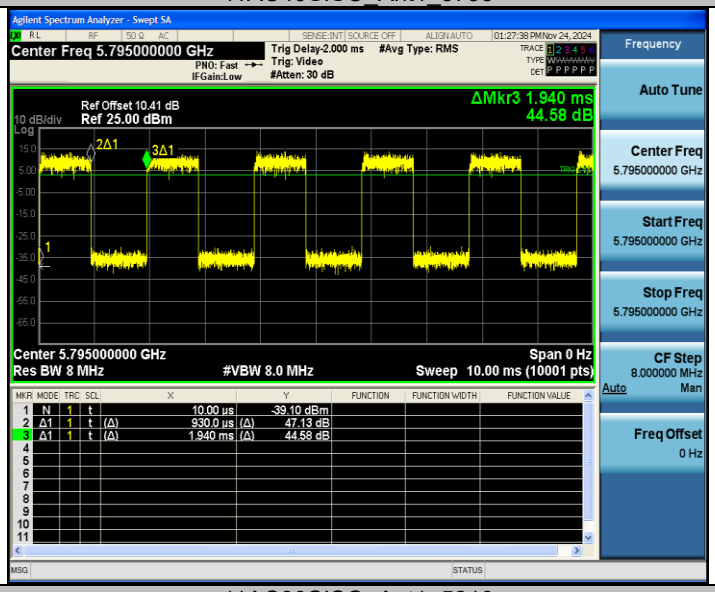


11AC40SISO_Ant1_5755

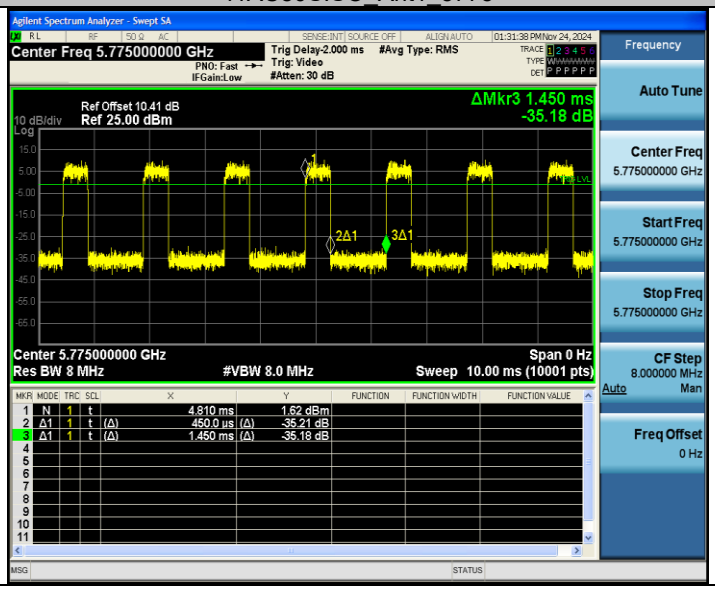


11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210

11AC80SISO_Ant1_5775



Appendix C: Maximum conducted output power

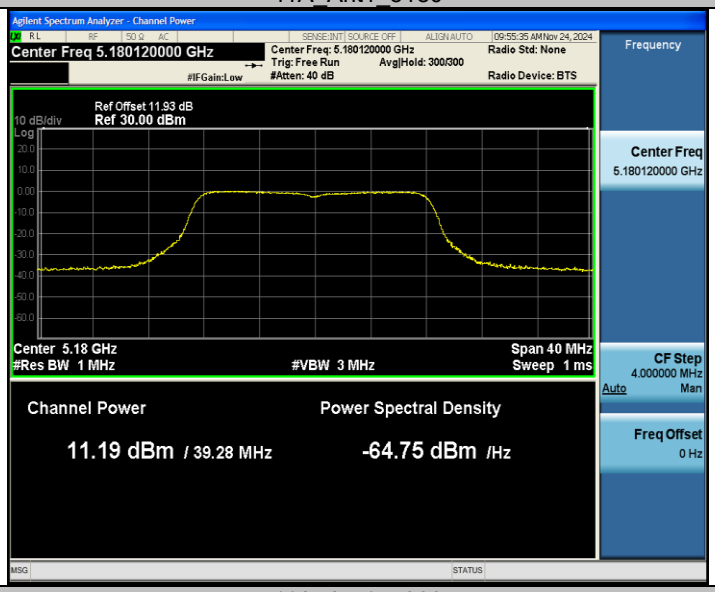
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	11.19	≤23.98	PASS
		5200	11.55	≤23.98	PASS
		5240	11.66	≤23.98	PASS
		5745	10.16	≤30.00	PASS
		5785	9.85	≤30.00	PASS
		5825	10.82	≤30.00	PASS
11N20SISO	Ant1	5180	11.22	≤23.98	PASS
		5200	13.97	≤23.98	PASS
		5240	12.12	≤23.98	PASS
		5745	9.66	≤30.00	PASS
		5785	10.28	≤30.00	PASS
		5825	11.15	≤30.00	PASS
11N40SISO	Ant1	5190	12.52	≤23.98	PASS
		5230	13.36	≤23.98	PASS
		5755	11.11	≤30.00	PASS
		5795	11.16	≤30.00	PASS
11AC20SISO	Ant1	5180	11.72	≤23.98	PASS
		5200	11.46	≤23.98	PASS
		5240	12.15	≤23.98	PASS
		5745	9.75	≤30.00	PASS
		5785	10.34	≤30.00	PASS
		5825	11.14	≤30.00	PASS
11AC40SISO	Ant1	5190	12.07	≤23.98	PASS
		5230	12.30	≤23.98	PASS
		5755	11.18	≤30.00	PASS
		5795	11.22	≤30.00	PASS
11AC80SISO	Ant1	5210	12.72	≤23.98	PASS
		5775	11.63	≤30.00	PASS

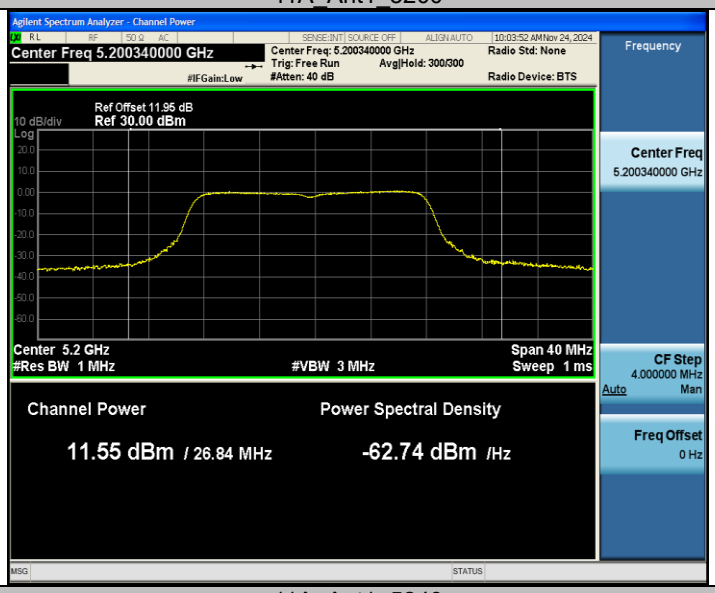
Note：The Duty Cycle Factor is compensated in the graph.

Test Graphs

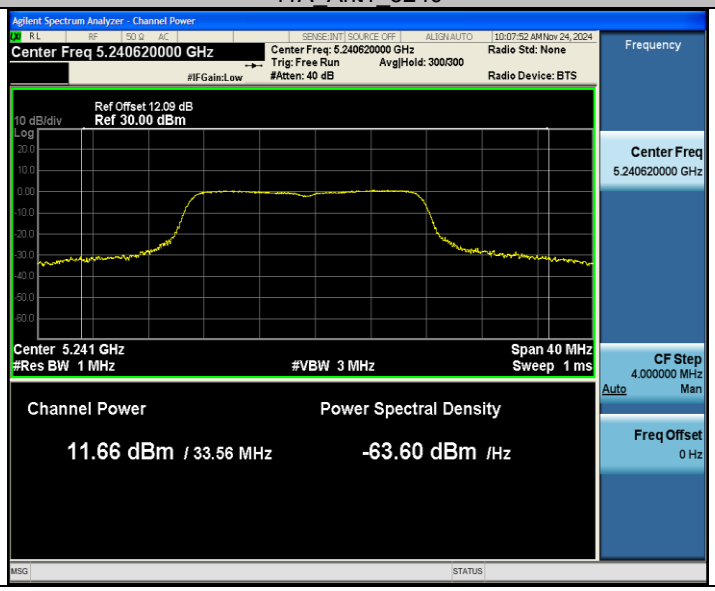
11A_Ant1_5180



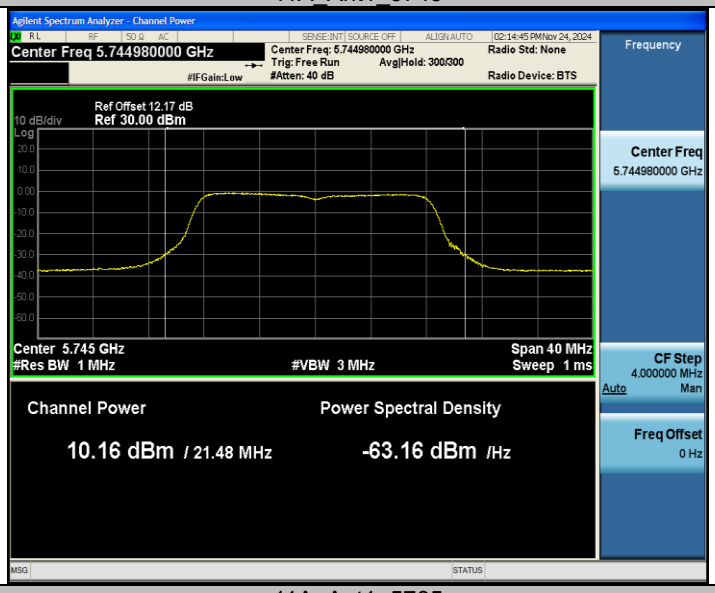
11A_Ant1_5200



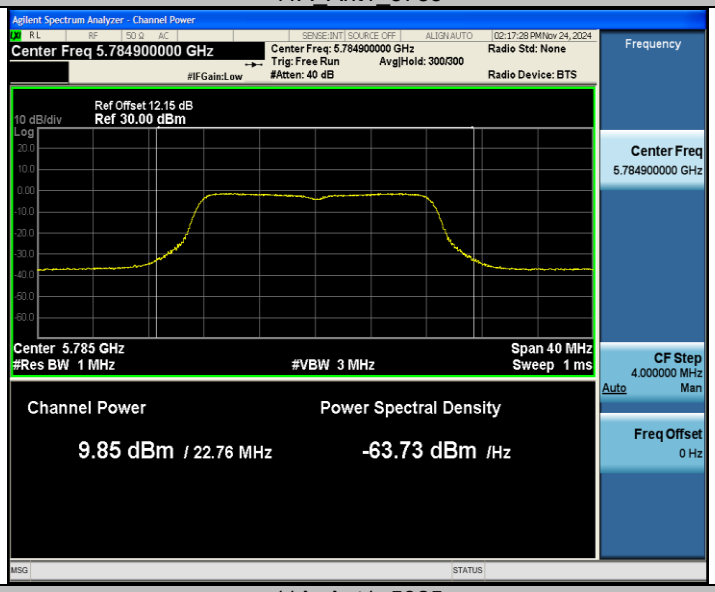
11A_Ant1_5240



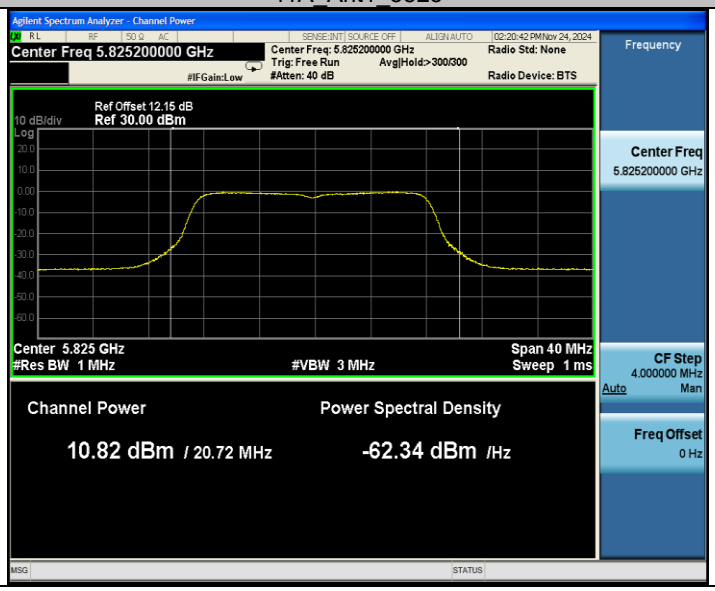
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



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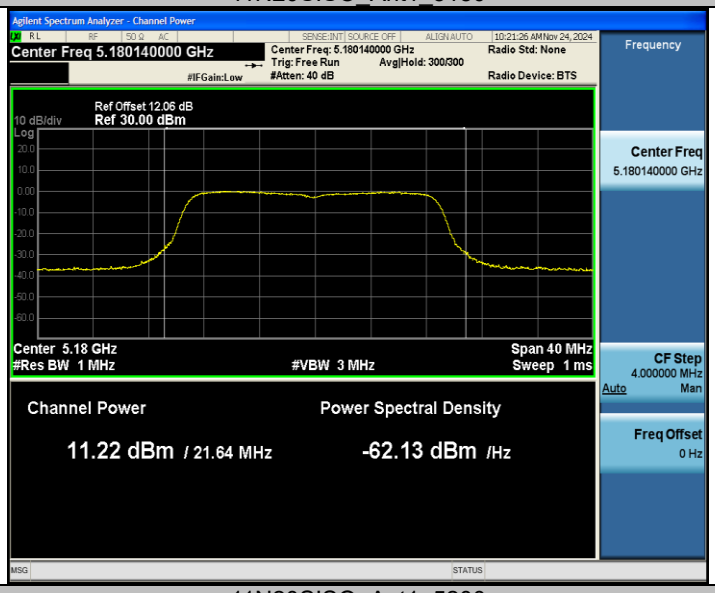
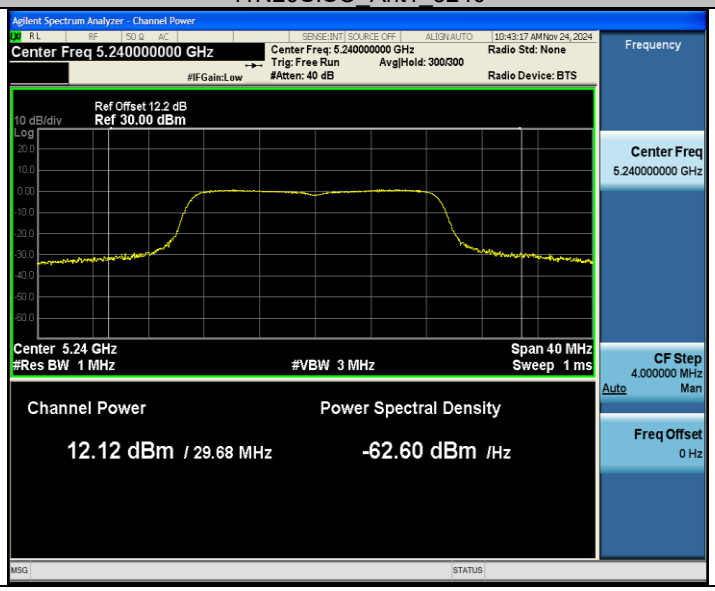


11N20SISO_Ant1_5200

11N20SISO_Ant1_5240



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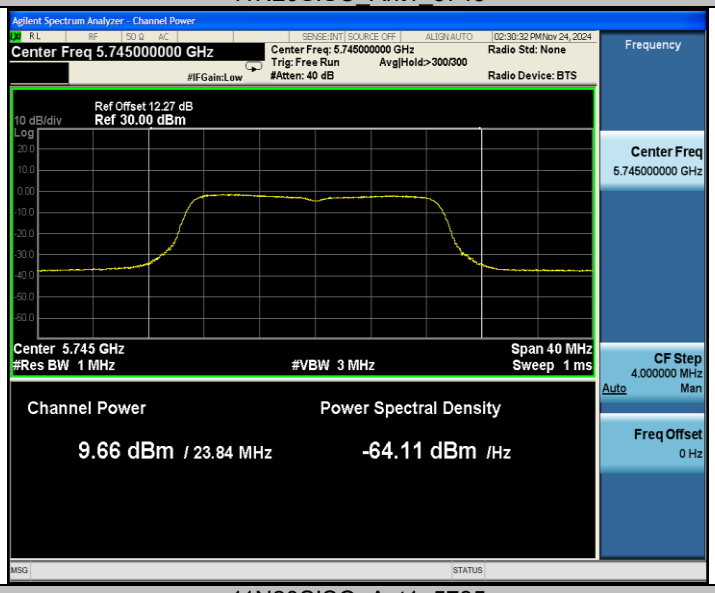

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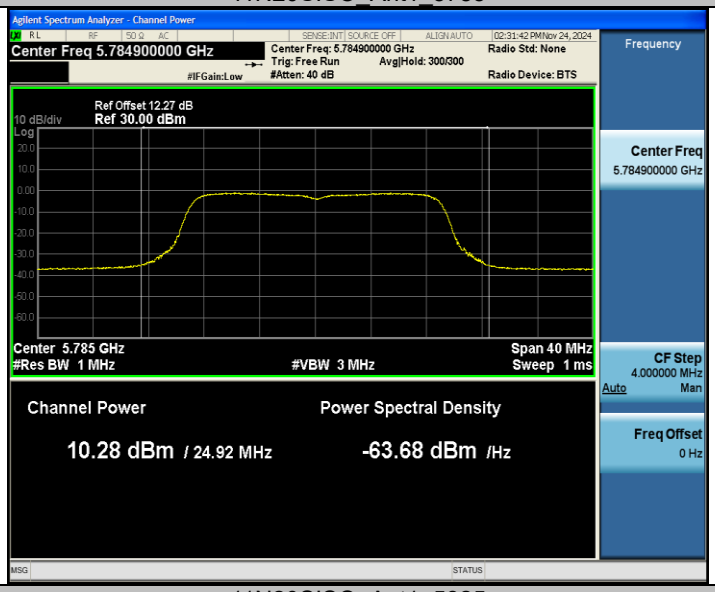
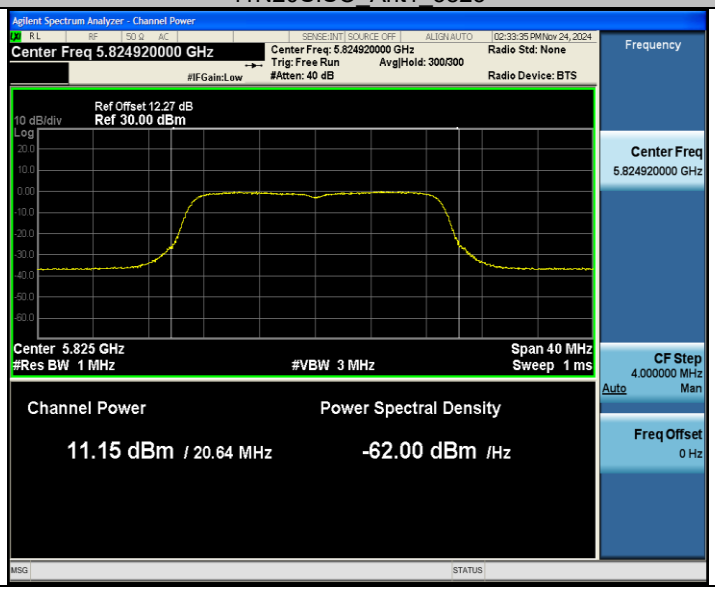
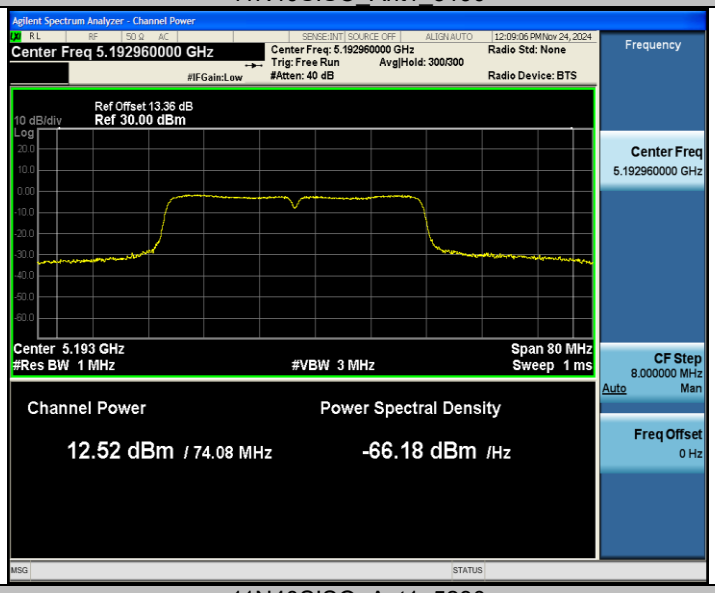


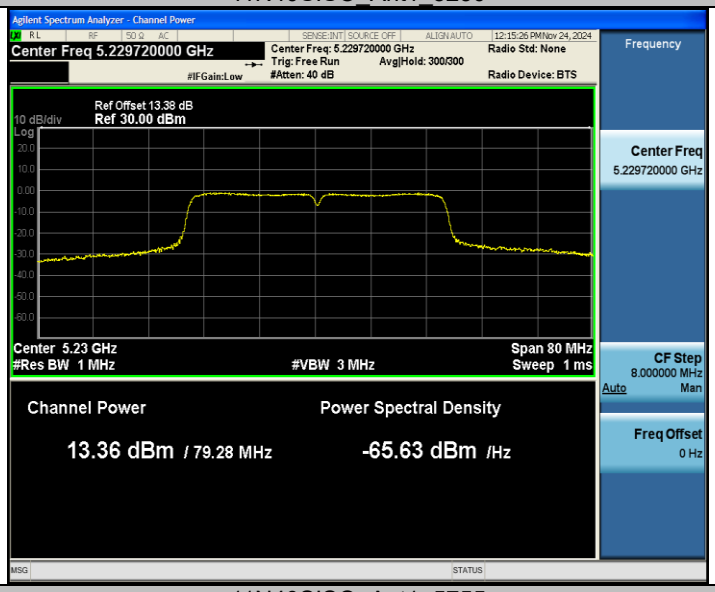
11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



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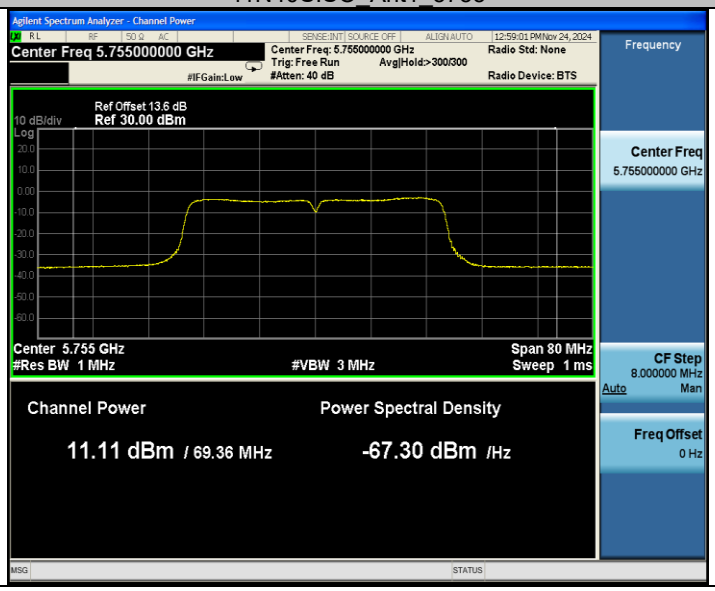
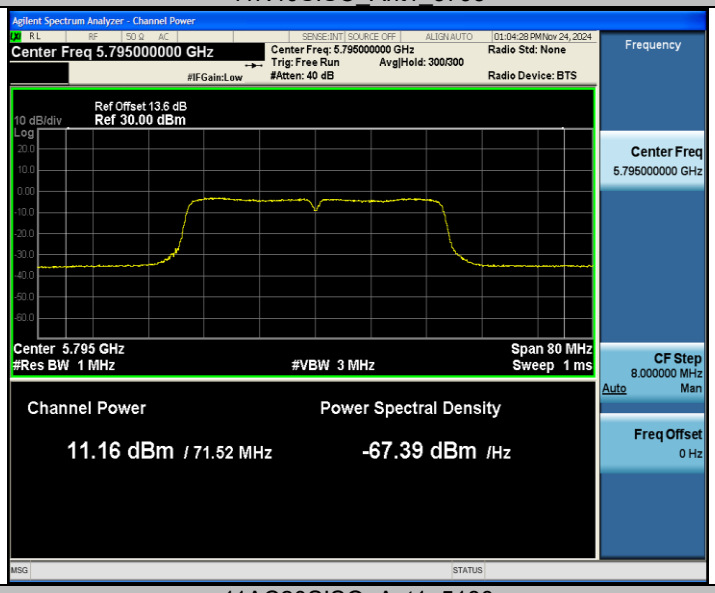
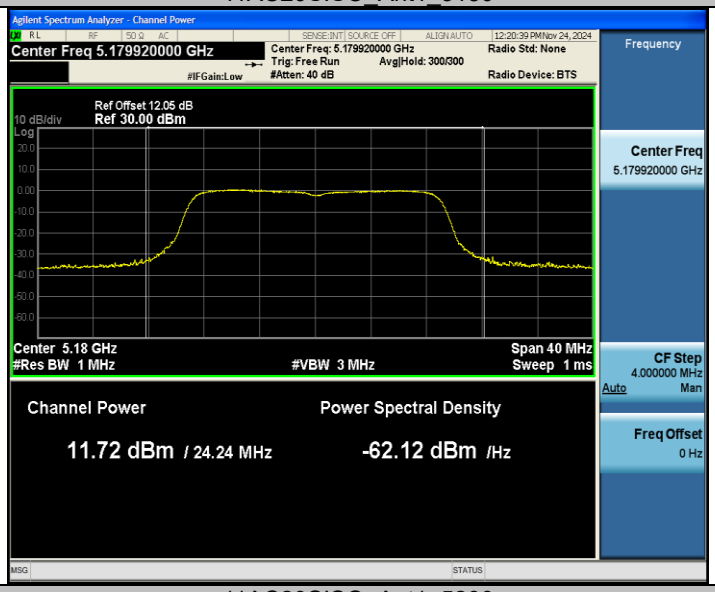


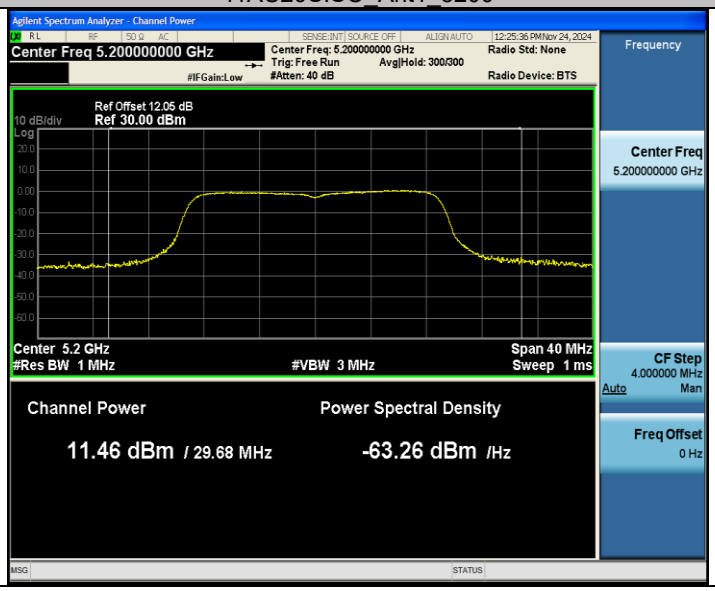
11N40SISO_Ant1_5795



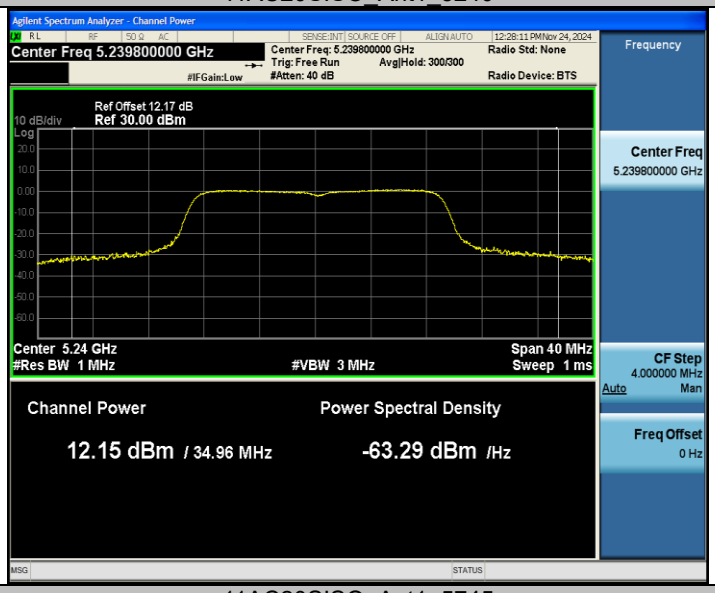
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

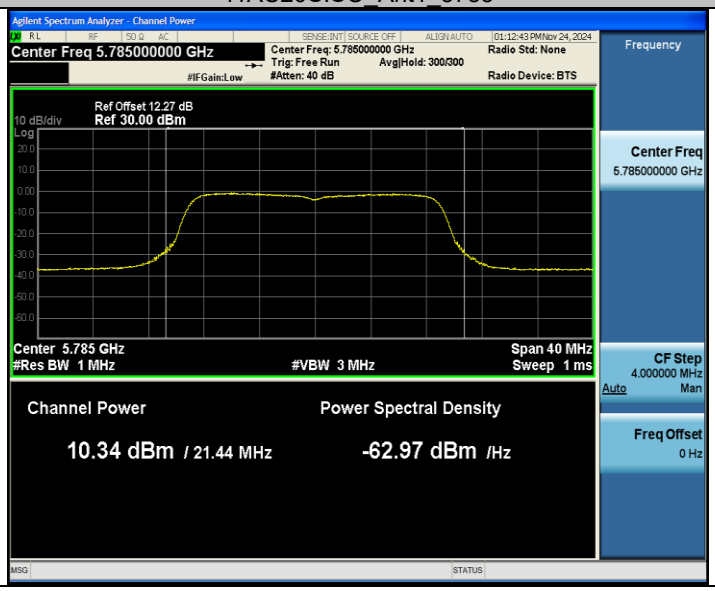


11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745

11AC20SISO_Ant1_5785



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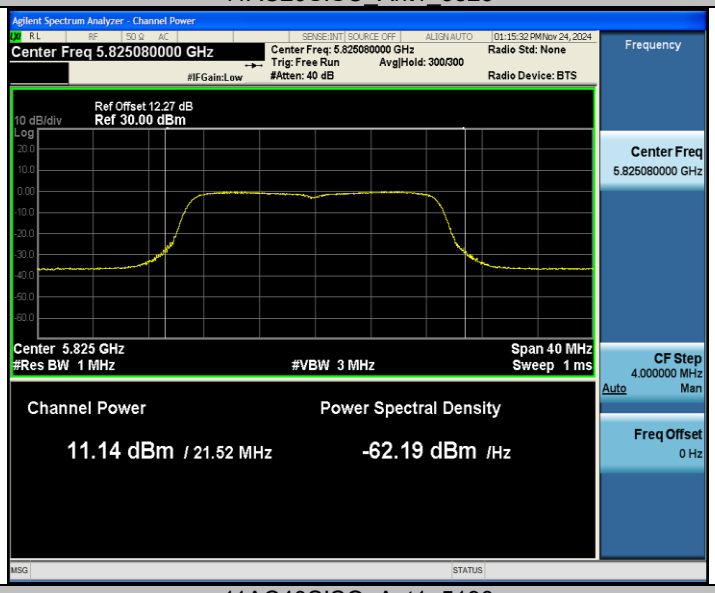

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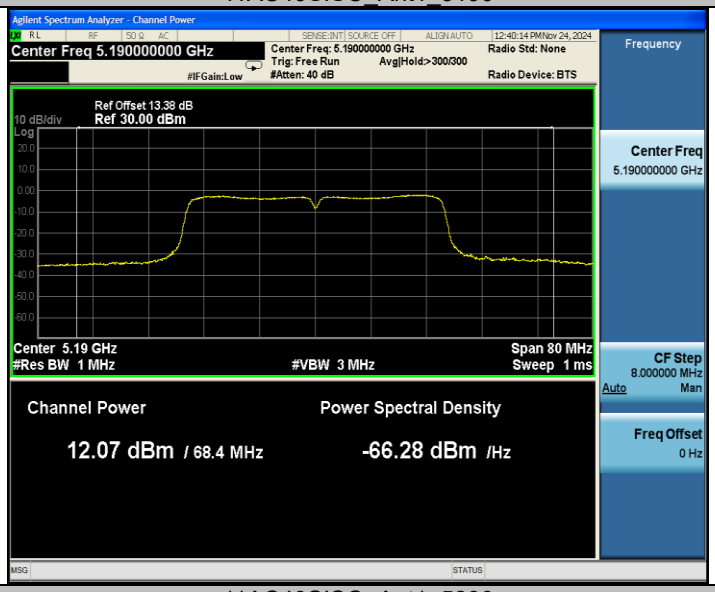
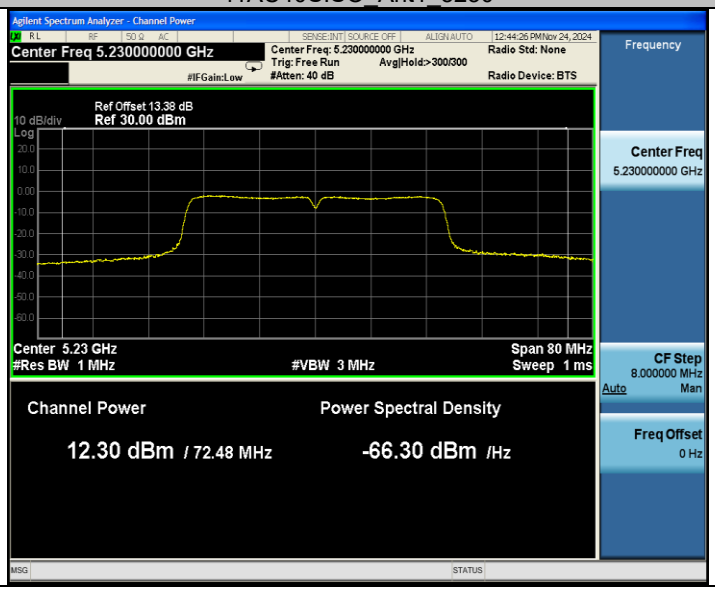


11AC40SISO_Ant1_5230



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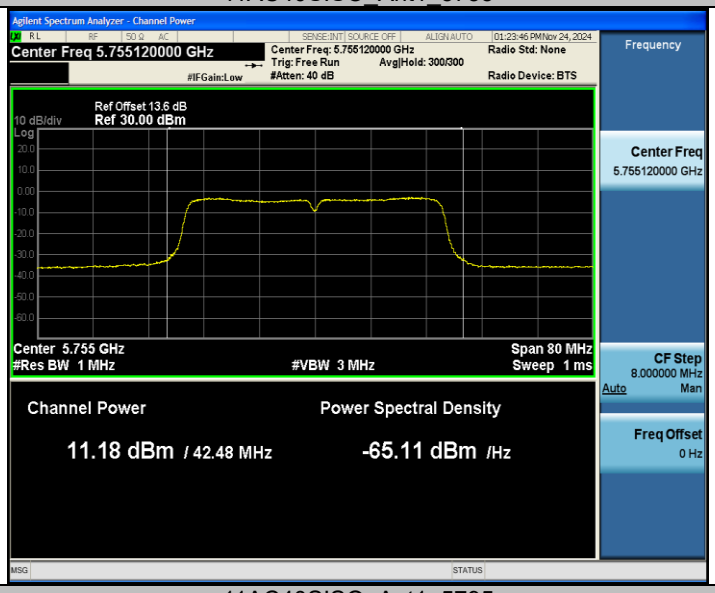

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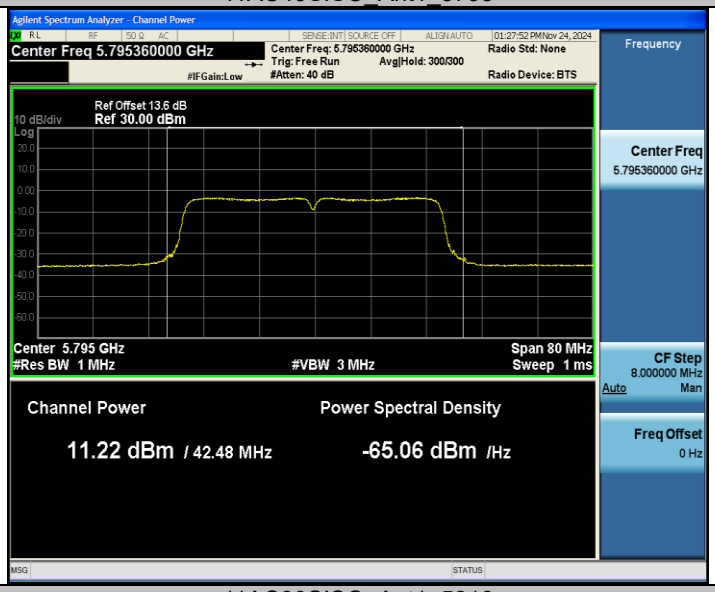
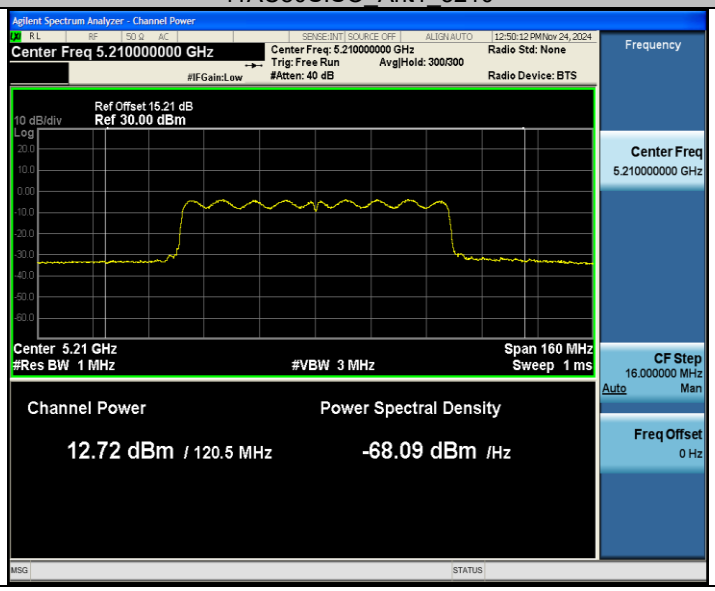
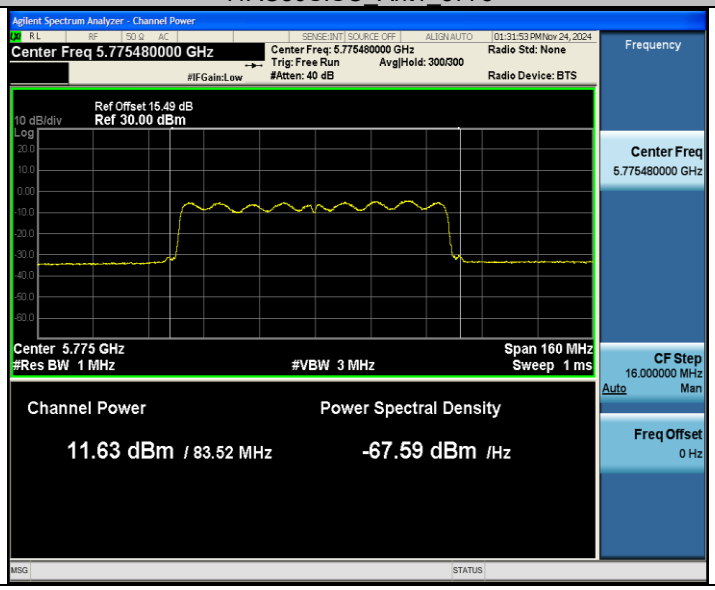


11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



Appendix D: Maximum power spectral density

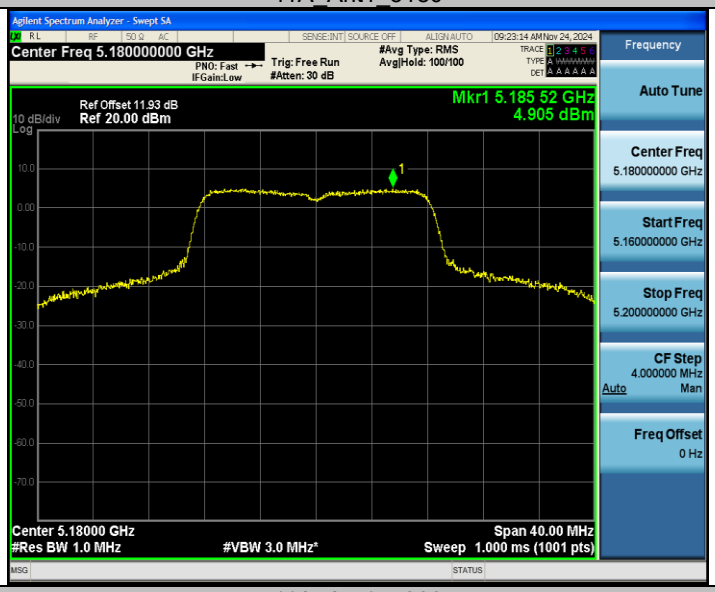
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	4.91	≤11.00	PASS
		5200	0.73	≤11.00	PASS
		5240	1.45	≤11.00	PASS
		5745	-3.44	≤30.00	PASS
		5785	1.74	≤30.00	PASS
		5825	-2.33	≤30.00	PASS
11N20SISO	Ant1	5180	0.30	≤11.00	PASS
		5200	3.39	≤11.00	PASS
		5240	0.91	≤11.00	PASS
		5745	1.29	≤30.00	PASS
		5785	1.44	≤30.00	PASS
		5825	-2.94	≤30.00	PASS
11N40SISO	Ant1	5190	-0.83	≤11.00	PASS
		5230	-0.87	≤11.00	PASS
		5755	-5.46	≤30.00	PASS
		5795	-5.42	≤30.00	PASS
11AC20SISO	Ant1	5180	0.67	≤11.00	PASS
		5200	0.66	≤11.00	PASS
		5240	1.14	≤11.00	PASS
		5745	-3.85	≤30.00	PASS
		5785	-3.61	≤30.00	PASS
		5825	-2.76	≤30.00	PASS
11AC40SISO	Ant1	5190	-1.47	≤11.00	PASS
		5230	-1.32	≤11.00	PASS
		5755	-5.99	≤30.00	PASS
		5795	-5.51	≤30.00	PASS
11AC80SISO	Ant1	5210	-3.35	≤11.00	PASS
		5775	-6.92	≤30.00	PASS

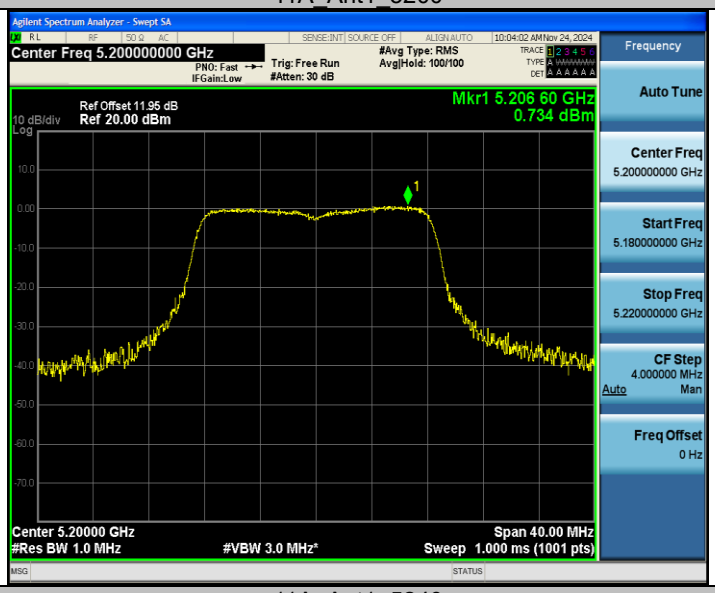
Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

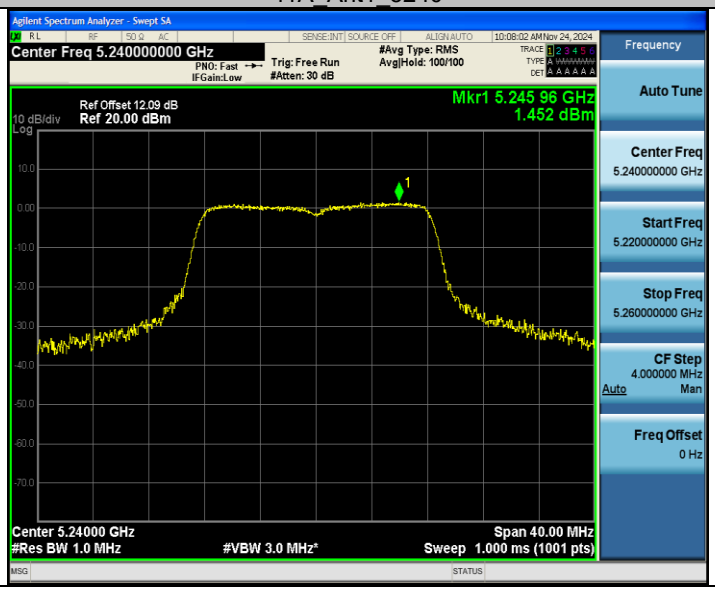
11A_Ant1_5180



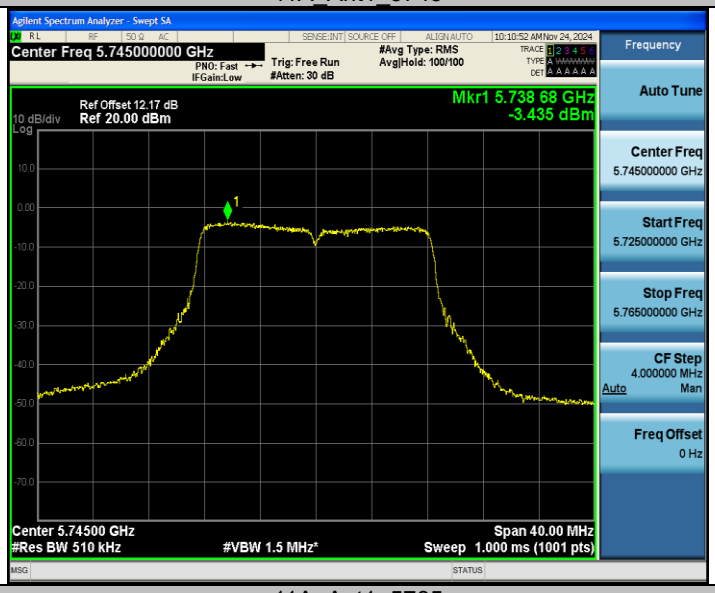
11A_Ant1_5200



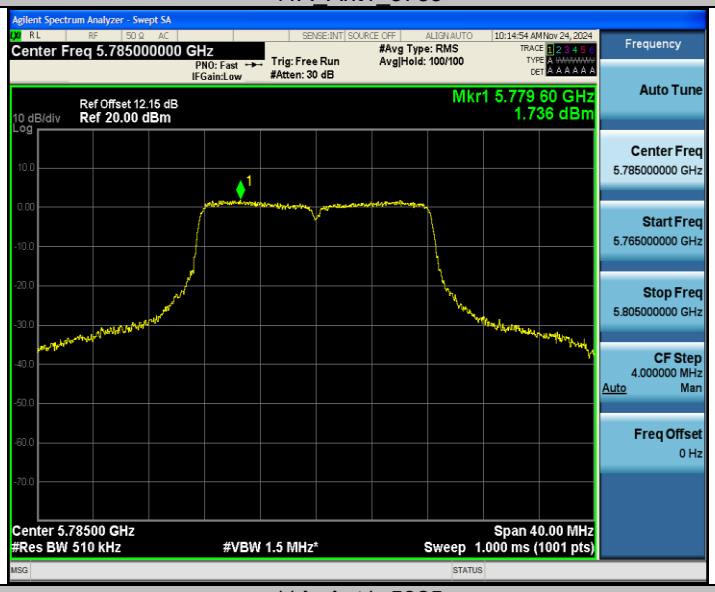
11A_Ant1_5240



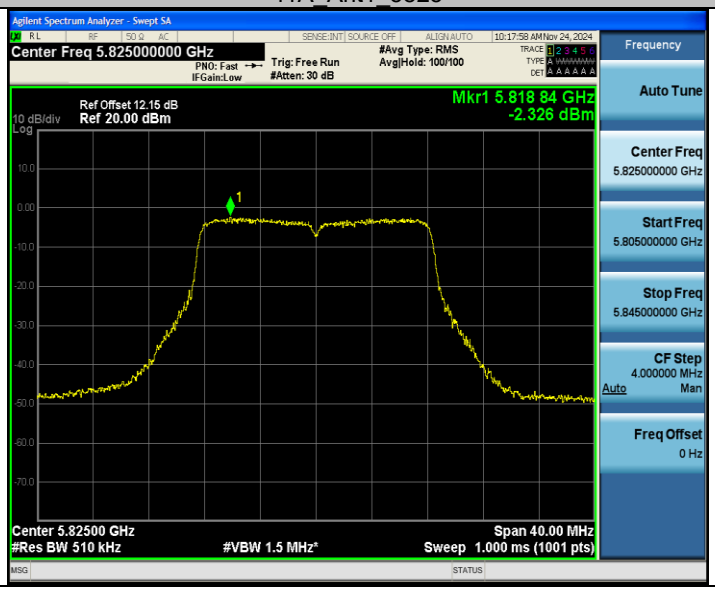
11A_Ant1_5745



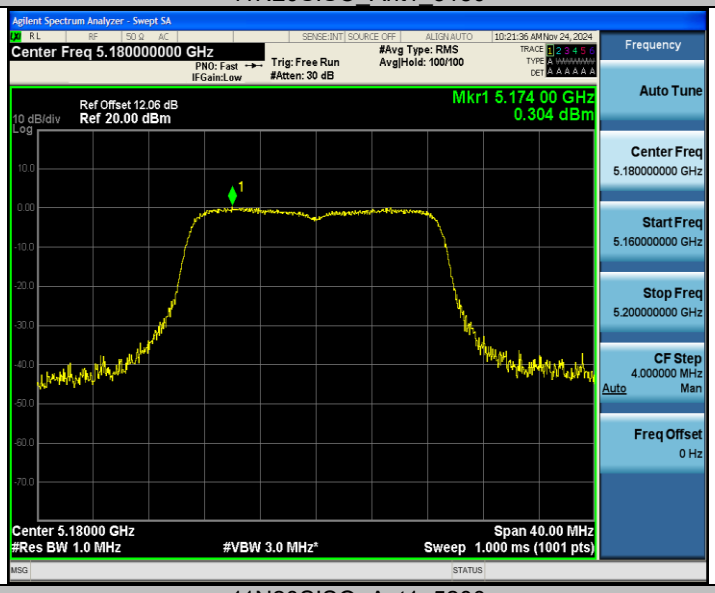
11A_Ant1_5785



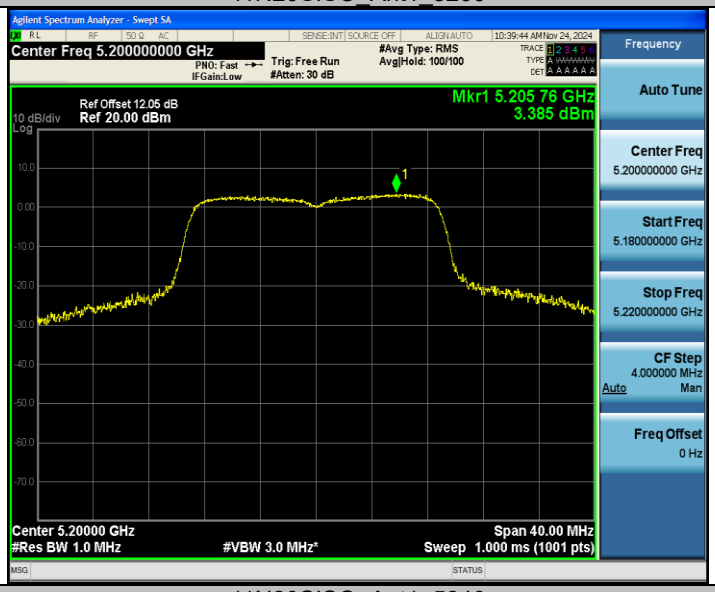
11A_Ant1_5825



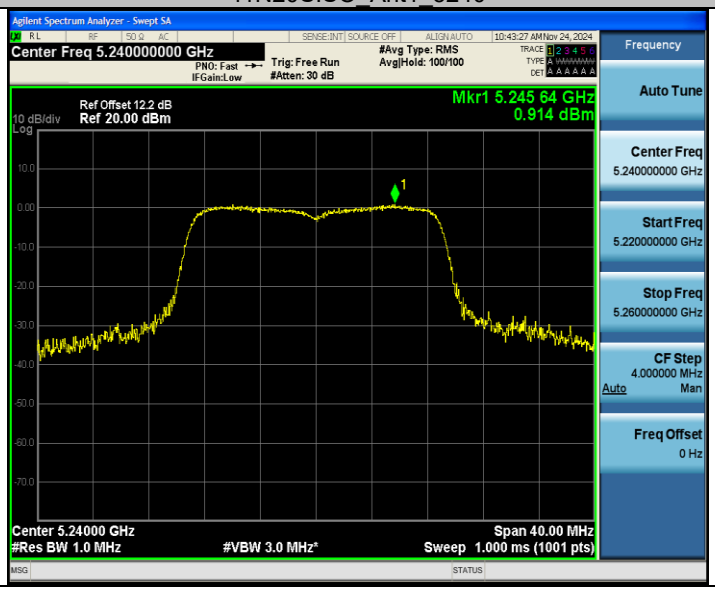
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



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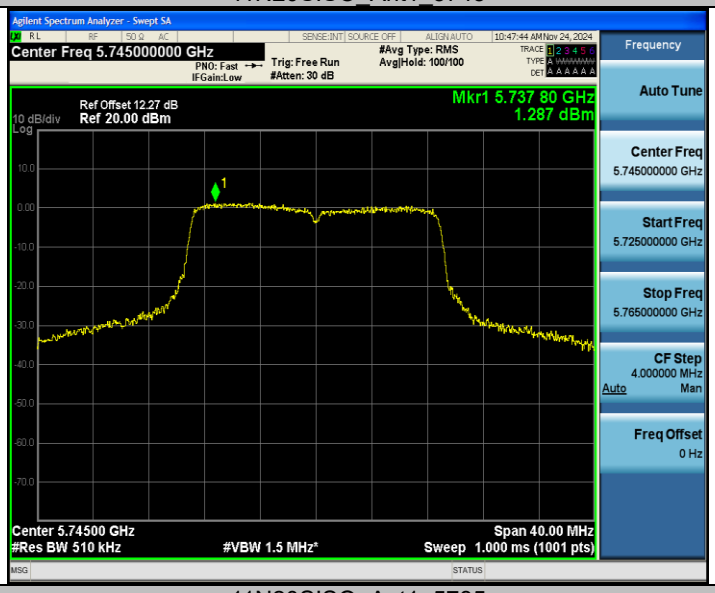

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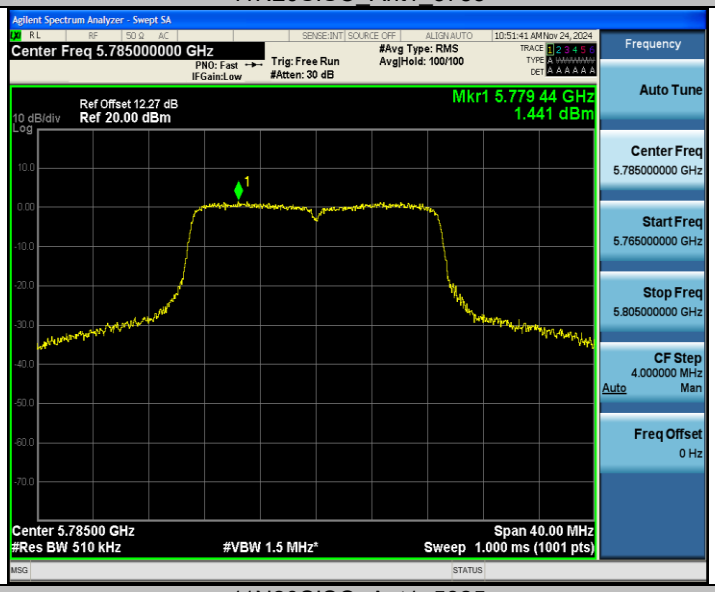

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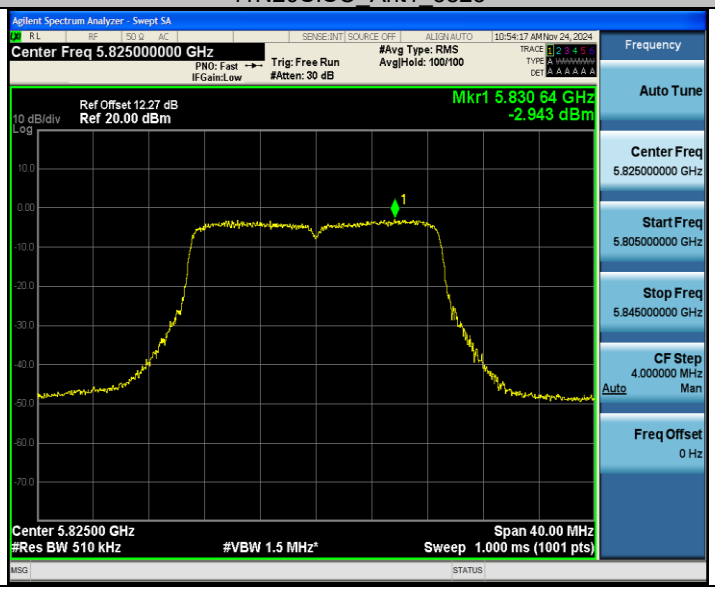
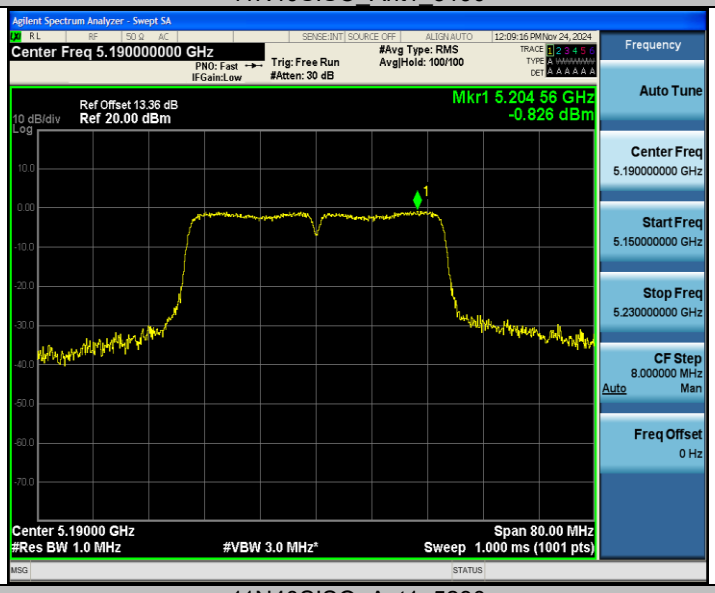


11N40SISO_Ant1_5190



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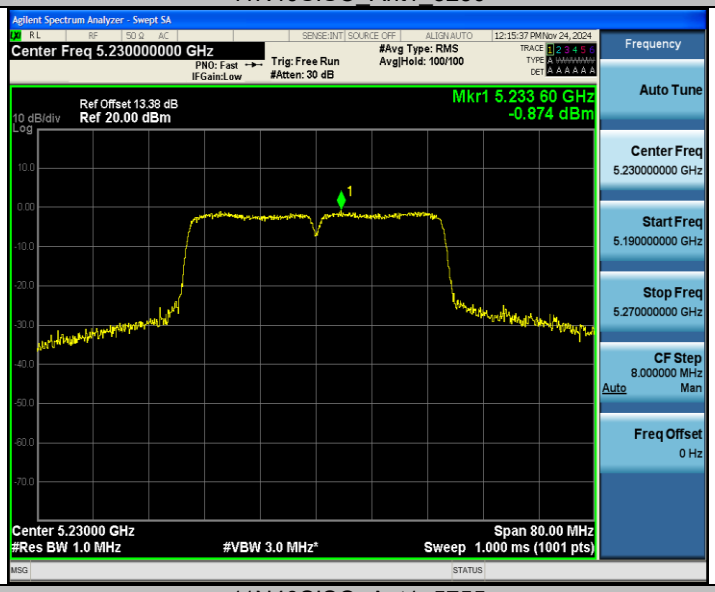

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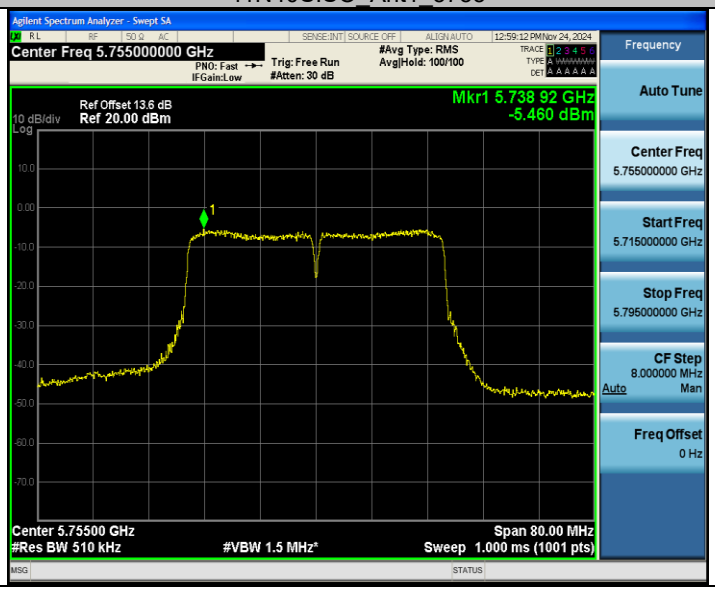
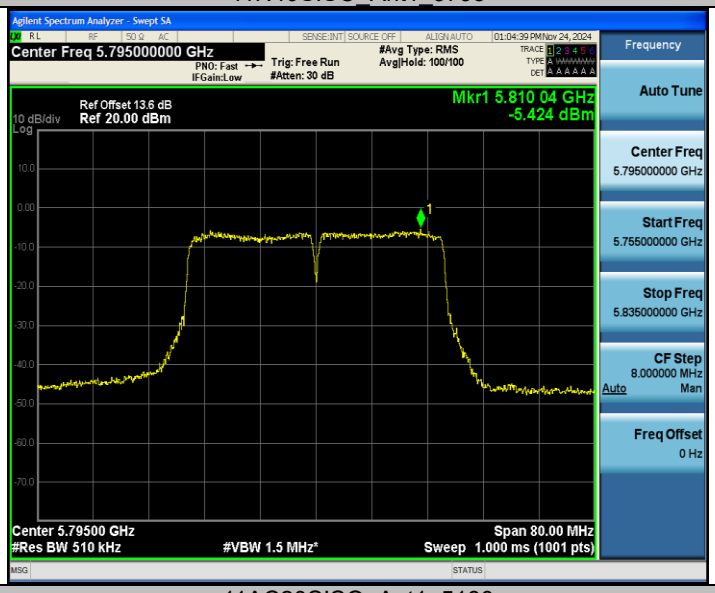


11N40SISO_Ant1_5795



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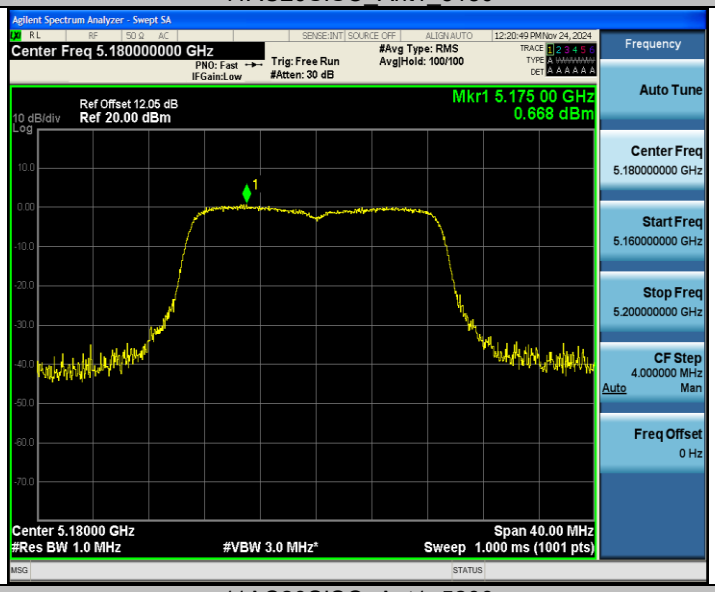
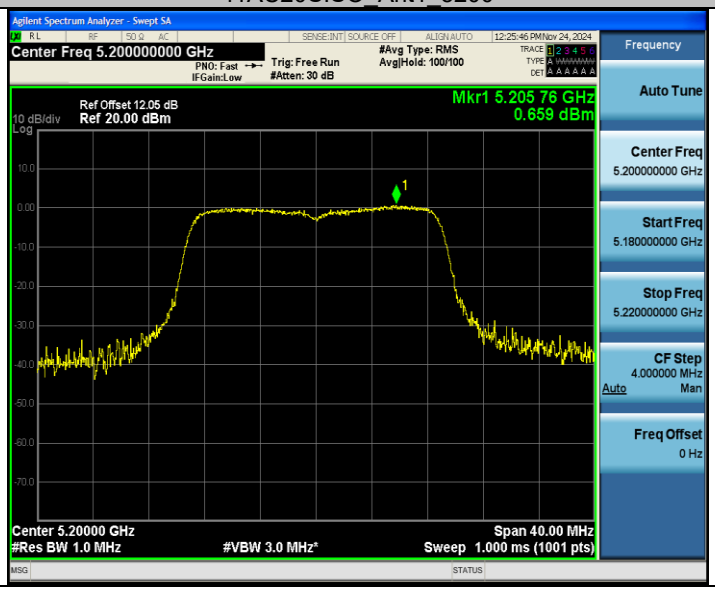
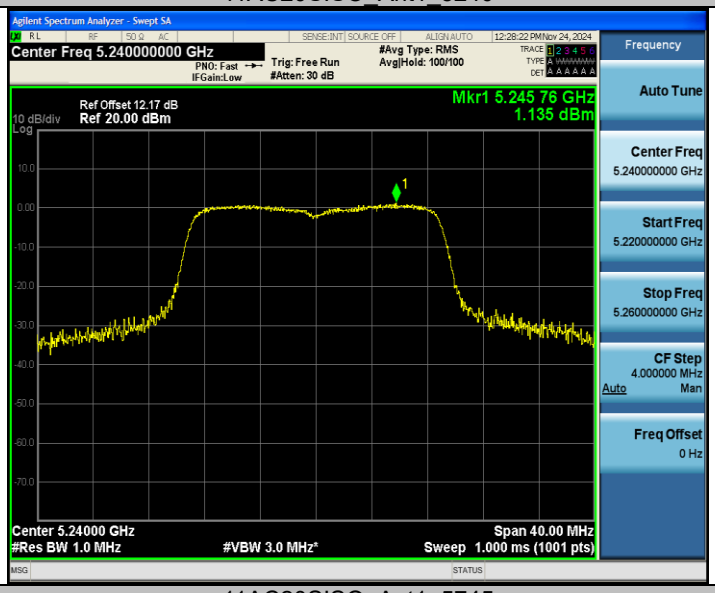


11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



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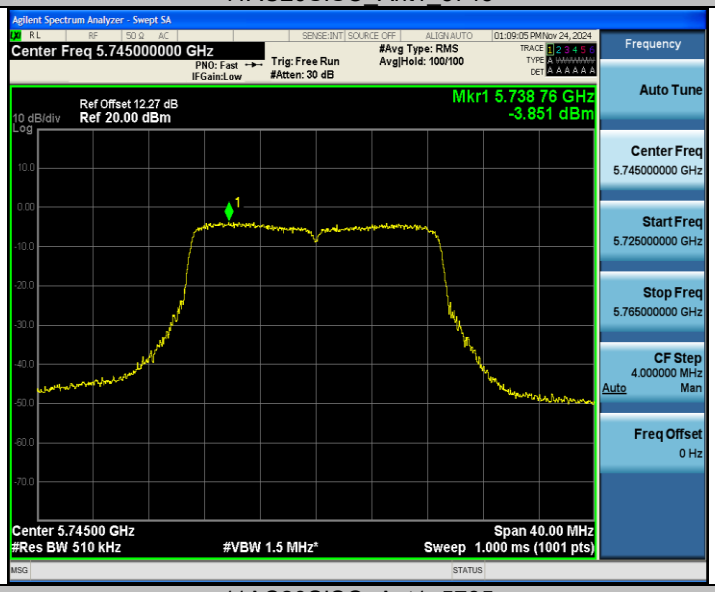

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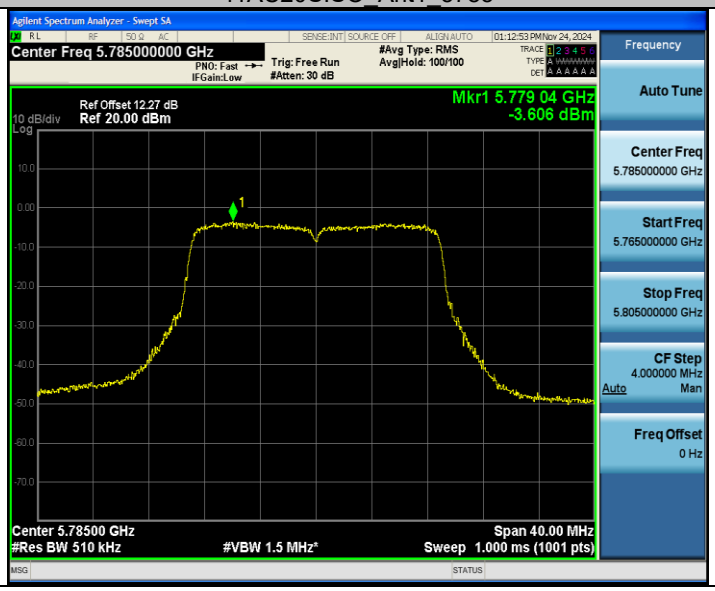
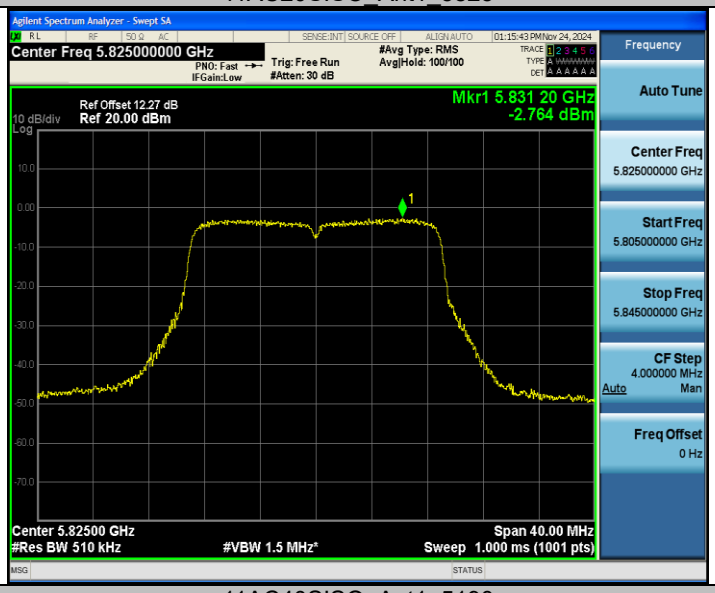
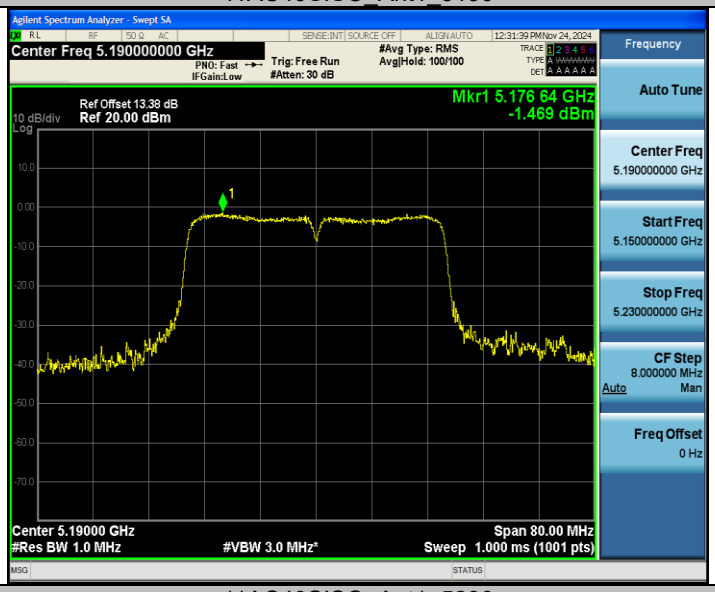


11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



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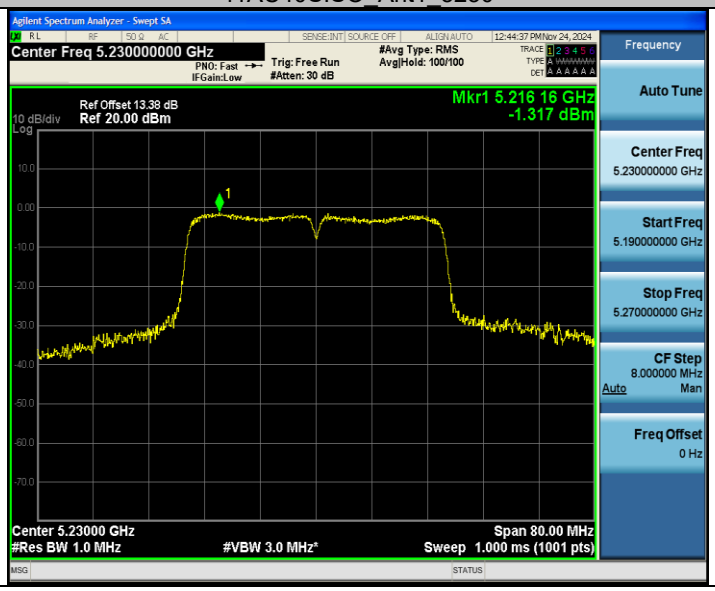
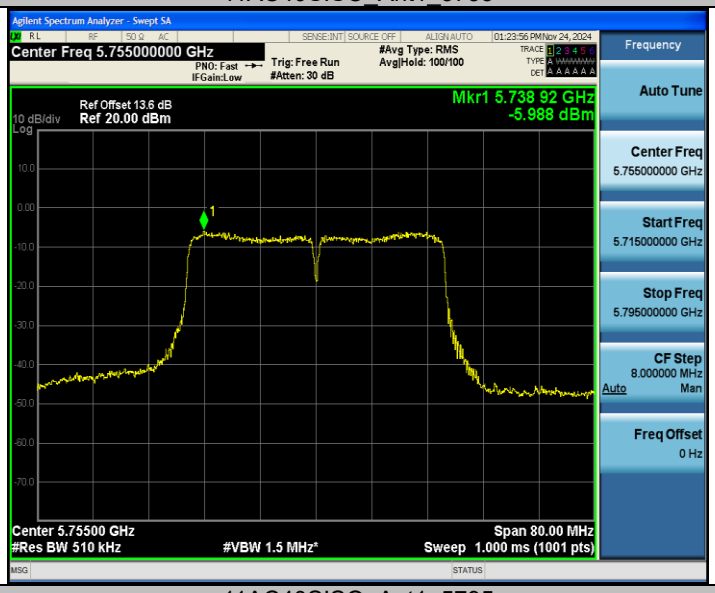


11AC40SISO_Ant1_5755



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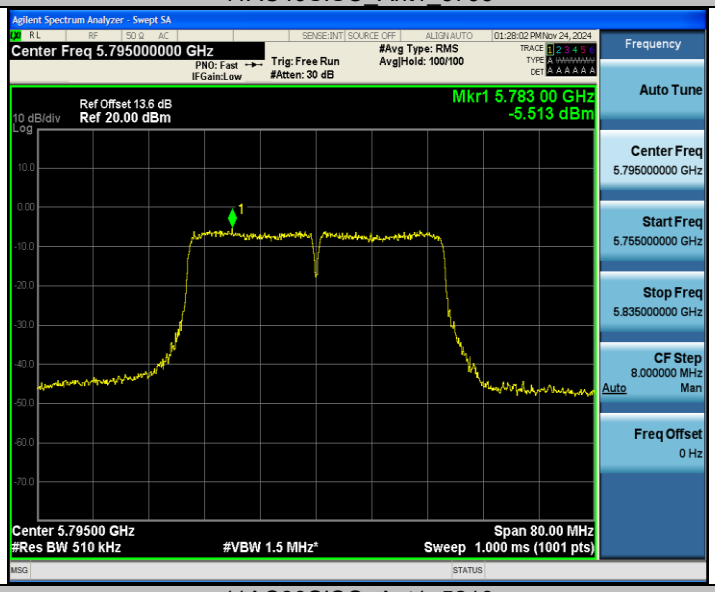

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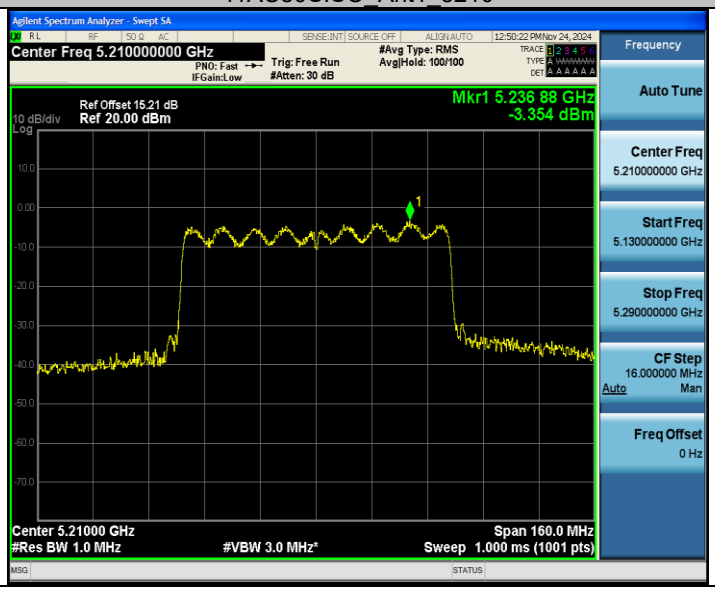
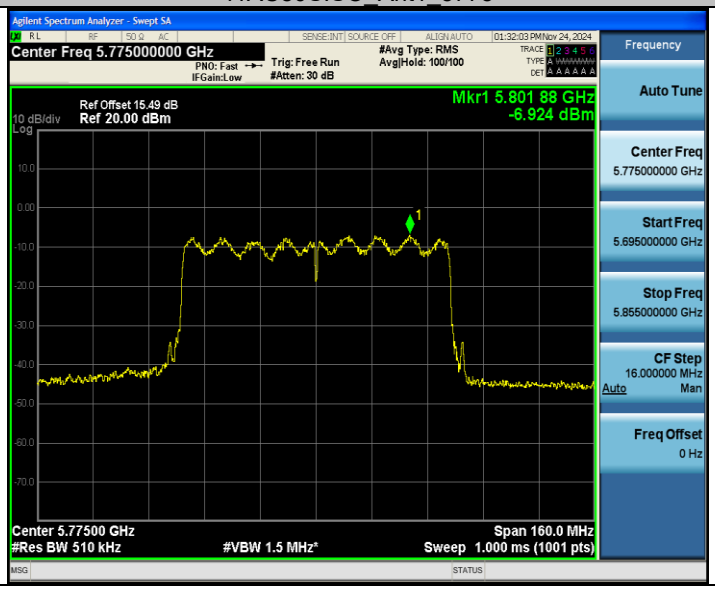


11AC80SISO_Ant1_5775



Appendix G: Frequency Stability

Test Result

Voltage								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	40000.00	7.722008	20	PASS
			LV	NT	40000.00	7.722008	20	PASS
			HV	NT	20000.00	3.861004	20	PASS
	Ant1	5200	NV	NT	20000.00	3.846154	20	PASS
			LV	NT	60000.00	11.538462	20	PASS
			HV	NT	60000.00	11.538462	20	PASS
	Ant1	5240	NV	NT	40000.00	7.633588	20	PASS
			LV	NT	60000.00	11.450382	20	PASS
			HV	NT	60000.00	11.450382	20	PASS
	Ant1	5745	NV	NT	20000.00	3.481288	20	PASS
			LV	NT	40000.00	6.962576	20	PASS
			HV	NT	20000.00	3.481288	20	PASS
	Ant1	5785	NV	NT	40000.00	6.914434	20	PASS
			LV	NT	40000.00	6.914434	20	PASS
			HV	NT	40000.00	6.914434	20	PASS
	Ant1	5805	NV	NT	40000.00	6.890612	20	PASS
			LV	NT	80000.00	13.781223	20	PASS
			HV	NT	60000.00	10.335917	20	PASS

Temperature								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	20000.00	3.861004	20	PASS
			NV	-20	20000.00	3.861004	20	PASS
			NV	-10	40000.00	7.722008	20	PASS
			NV	0	20000.00	3.861004	20	PASS
			NV	10	40000.00	7.722008	20	PASS
			NV	20	40000.00	7.722008	20	PASS
			NV	30	20000.00	3.861004	20	PASS
			NV	40	20000.00	3.861004	20	PASS
			NV	50	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
	Ant1	5200	NV	-30	40000.00	7.692308	20	PASS
			NV	-20	40000.00	7.692308	20	PASS
			NV	-10	40000.00	7.692308	20	PASS
			NV	0	60000.00	11.538462	20	PASS
			NV	10	60000.00	11.538462	20	PASS
			NV	20	60000.00	11.538462	20	PASS
			NV	30	60000.00	11.538462	20	PASS
			NV	40	60000.00	11.538462	20	PASS
			NV	50	60000.00	11.538462	20	PASS
	Ant1	5240	NV	-30	60000.00	11.450382	20	PASS
			NV	-20	60000.00	11.450382	20	PASS
			NV	-10	60000.00	11.450382	20	PASS
			NV	0	60000.00	11.450382	20	PASS
			NV	10	60000.00	11.450382	20	PASS
			NV	20	40000.00	7.633588	20	PASS
			NV	30	60000.00	11.450382	20	PASS
			NV	40	60000.00	11.450382	20	PASS
			NV	50	60000.00	11.450382	20	PASS
	Ant1	5745	NV	-30	20000.00	3.481288	20	PASS
			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	20000.00	3.481288	20	PASS
			NV	0	20000.00	3.481288	20	PASS
			NV	10	20000.00	3.481288	20	PASS
			NV	20	20000.00	3.481288	20	PASS
			NV	30	20000.00	3.481288	20	PASS
			NV	40	40000.00	6.962576	20	PASS

			NV	50	20000.00	3.481288	20	PASS
	Ant1	5785	NV	-30	60000.00	10.371651	20	PASS
			NV	-20	60000.00	10.371651	20	PASS
			NV	-10	60000.00	10.371651	20	PASS
			NV	0	60000.00	10.371651	20	PASS
			NV	10	60000.00	10.371651	20	PASS
			NV	20	40000.00	6.914434	20	PASS
			NV	30	60000.00	10.371651	20	PASS
			NV	40	60000.00	10.371651	20	PASS
			NV	50	40000.00	6.914434	20	PASS
	Ant1	5805	NV	-30	60000.00	10.335917	20	PASS
			NV	-20	60000.00	10.335917	20	PASS
			NV	-10	60000.00	10.335917	20	PASS
			NV	0	60000.00	10.335917	20	PASS
			NV	10	60000.00	10.335917	20	PASS
			NV	20	60000.00	10.335917	20	PASS
			NV	30	60000.00	10.335917	20	PASS
			NV	40	40000.00	6.890612	20	PASS
			NV	50	40000.00	6.890612	20	PASS

Photographs of the Test Setup

See the Appendix – Test Setup Photos.

Photographs of the EUT

See the Appendix - EUT Photos.

----End of Report----