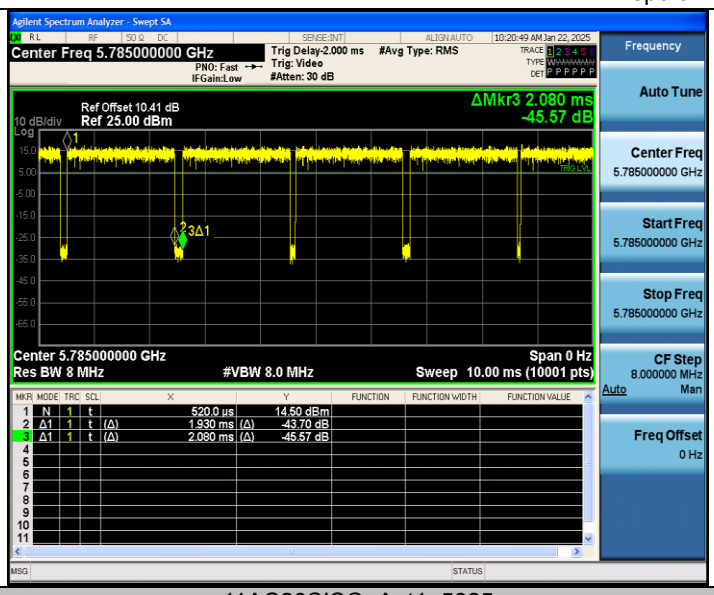
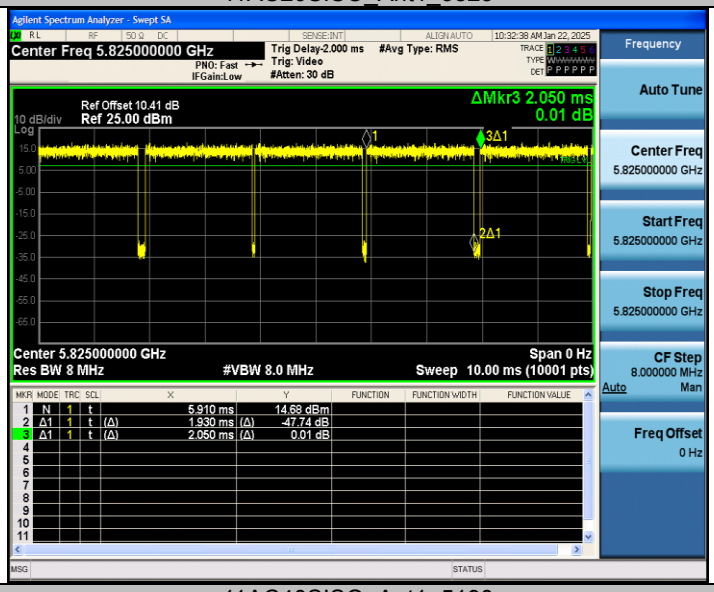


11AC20SISO_Ant1_5825



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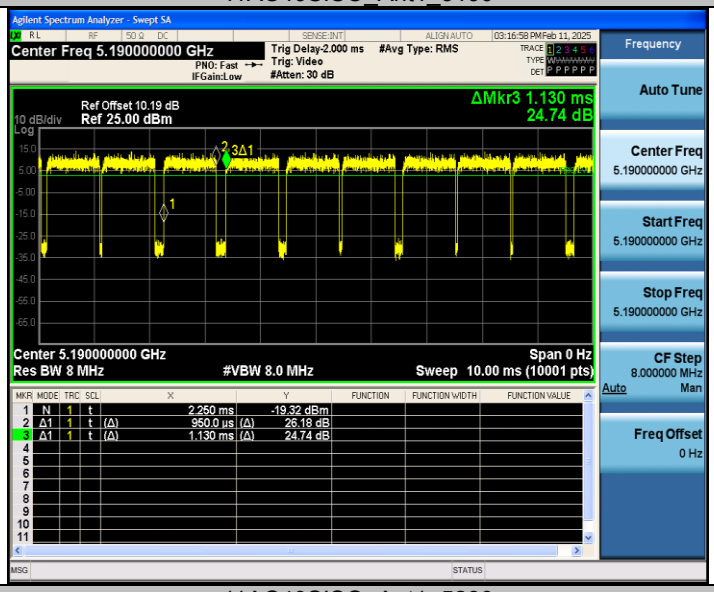

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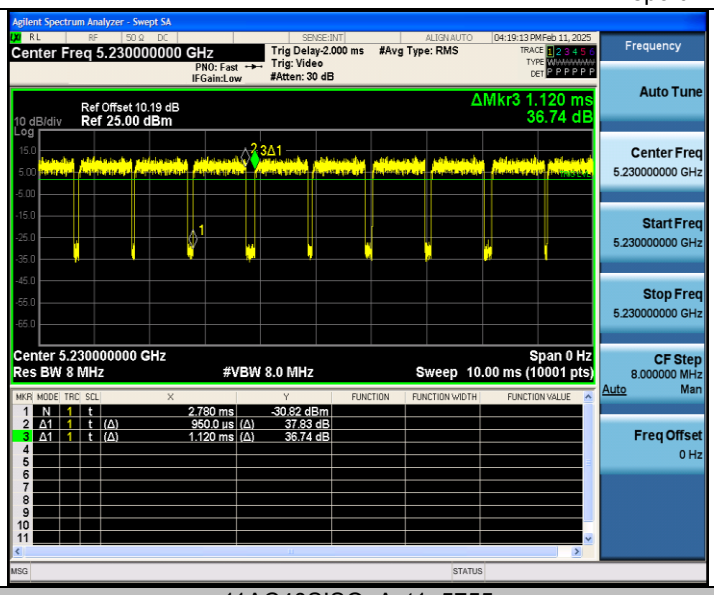

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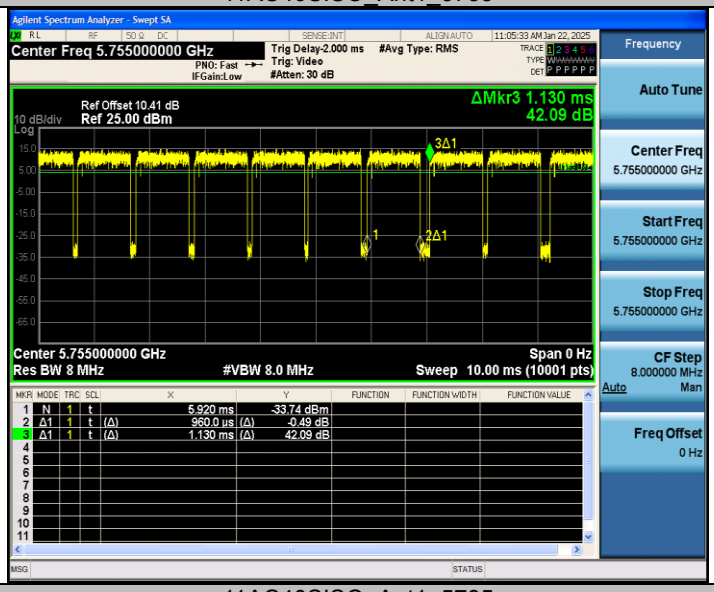

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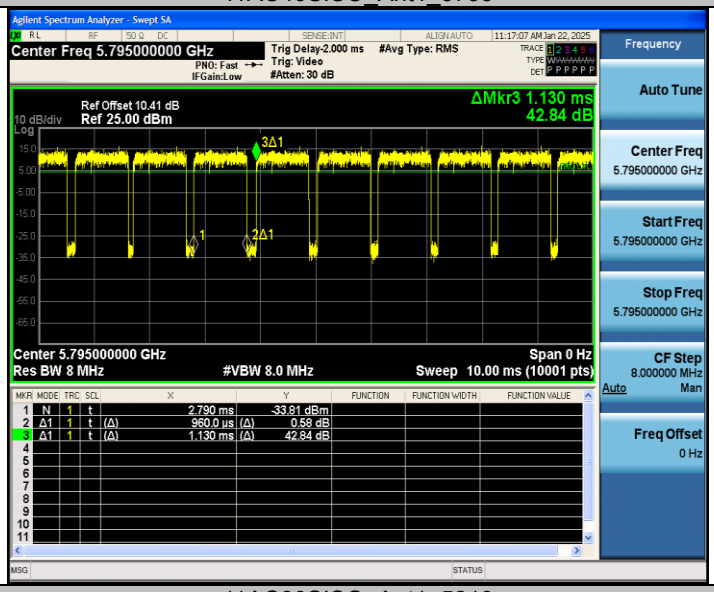

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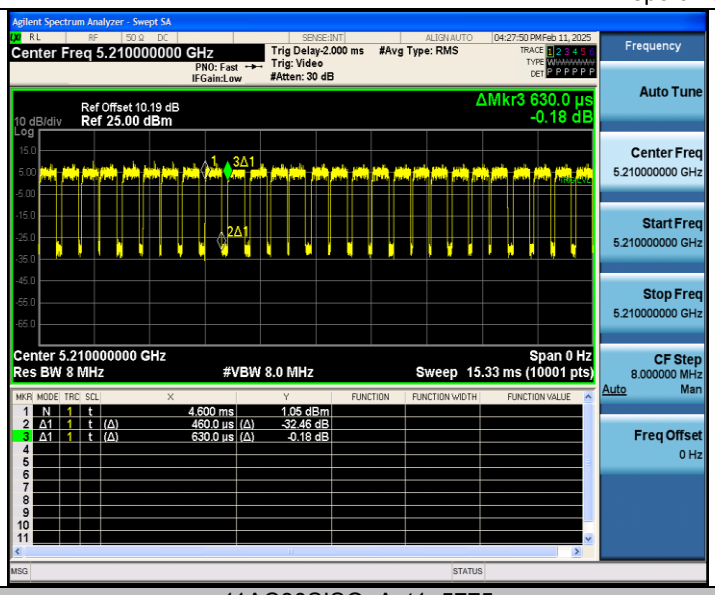
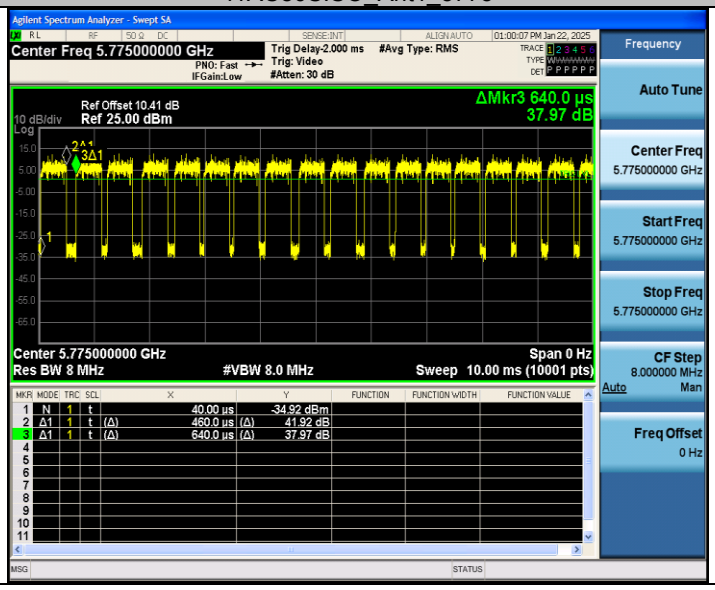


11AC80SISO_Ant1_5775



Appendix C: Maximum conducted output power

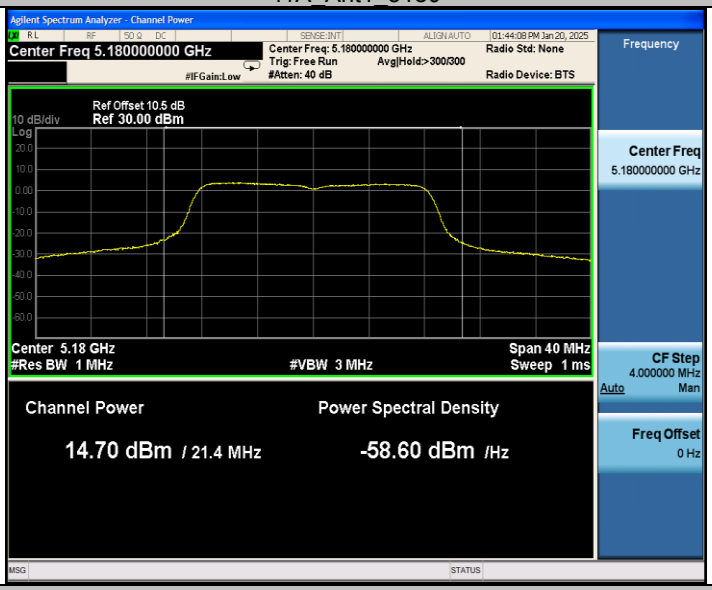
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]
11A	Ant1	5180	14.40	93.21	0.31	14.71	≤23.98
		5200	14.00	92.38	0.34	14.34	≤23.98
		5240	11.66	94.50	0.25	11.91	≤23.98
		5745	6.88	93.24	0.30	7.18	≤30.00
		5785	4.02	92.83	0.32	4.34	≤30.00
		5825	4.65	92.79	0.32	4.97	≤30.00
11N20SISO	Ant1	5180	14.21	95.52	0.20	14.41	≤23.98
		5200	14.00	92.31	0.35	14.35	≤23.98
		5240	13.57	93.20	0.31	13.88	≤23.98
		5745	3.72	94.58	0.24	3.96	≤30.00
		5785	2.75	93.20	0.31	3.06	≤30.00
		5825	3.50	92.31	0.35	3.85	≤30.00
11N40SISO	Ant1	5190	10.83	84.68	0.72	11.55	≤23.98
		5230	9.97	84.82	0.72	10.69	≤23.98
		5755	2.58	84.68	0.72	3.30	≤30.00
		5795	2.87	84.68	0.72	3.59	≤30.00
11AC20SISO	Ant1	5180	14.10	91.47	0.39	14.49	≤23.98
		5200	13.86	91.47	0.39	14.25	≤23.98
		5240	13.46	91.47	0.39	13.85	≤23.98
		5745	2.62	91.47	0.39	3.01	≤30.00
		5785	2.70	94.15	0.26	2.96	≤30.00
		5825	3.48	91.94	0.36	3.84	≤30.00
11AC40SISO	Ant1	5190	10.30	84.07	0.75	11.05	≤23.98
		5230	9.45	84.82	0.72	10.17	≤23.98
		5755	2.47	84.07	0.75	3.22	≤30.00
		5795	2.80	84.82	0.72	3.52	≤30.00
11AC80SISO	Ant1	5210	9.44	73.02	1.37	10.81	≤23.98
		5775	2.54	71.88	1.43	3.97	≤30.00

Note1: The Duty Cycle Factor is compensated in the graph.

Test Graphs

11A_Ant1_5180



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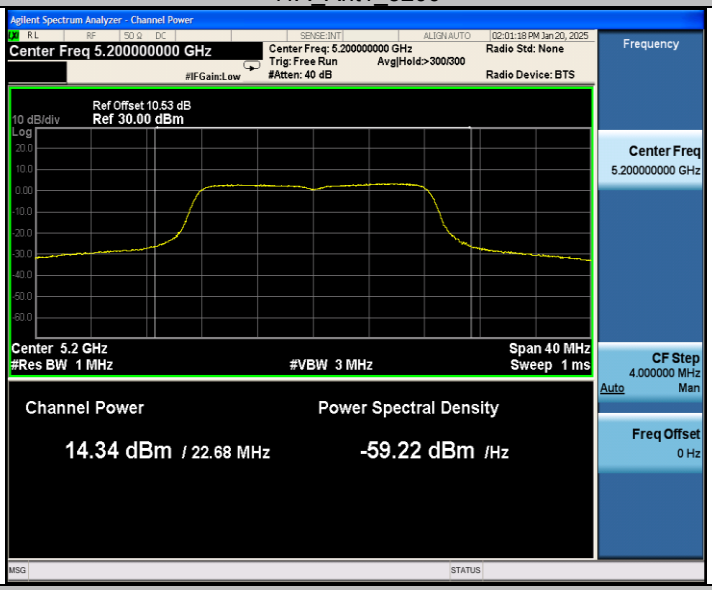
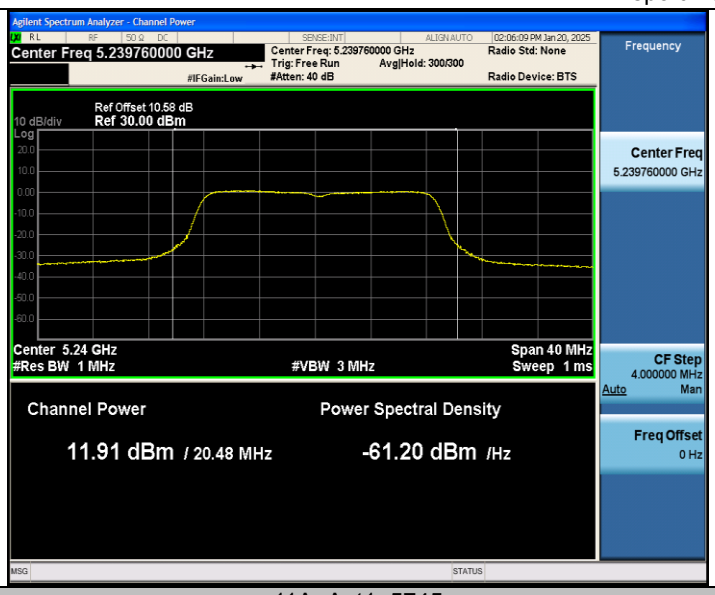
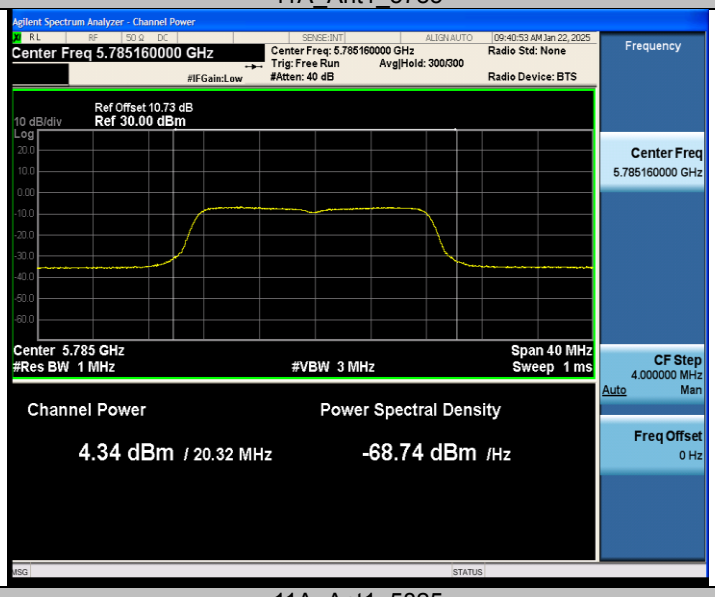


11A_Ant1_5240



11A_Ant1_5745

11A_Ant1_5785



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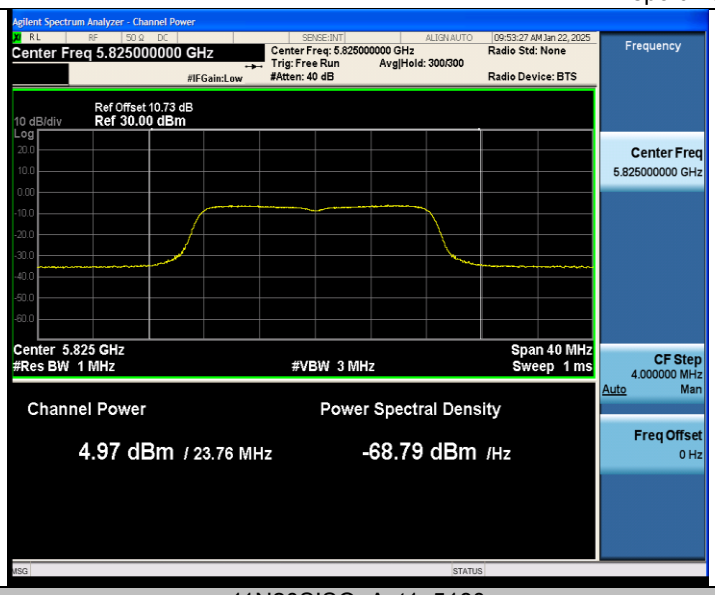
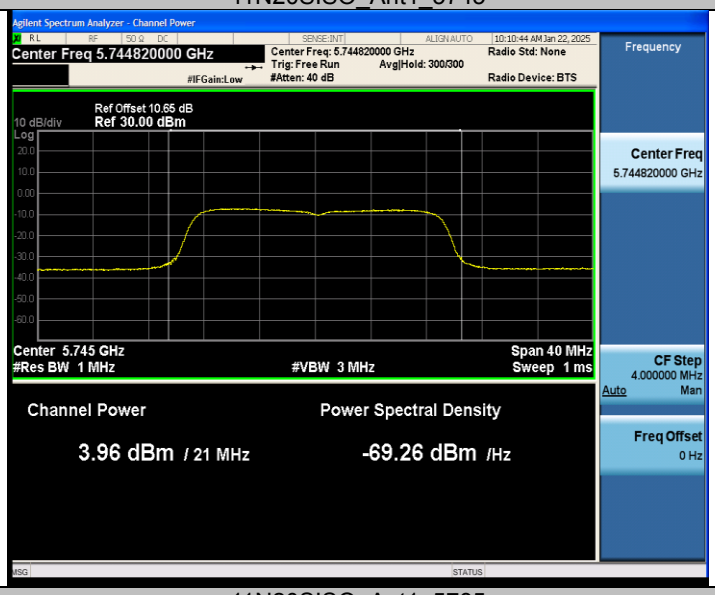


11N20SISO_Ant1_5180

11N20SISO_Ant1_5200

11N20SISO_Ant1_5240

11N20SISO_Ant1_5745



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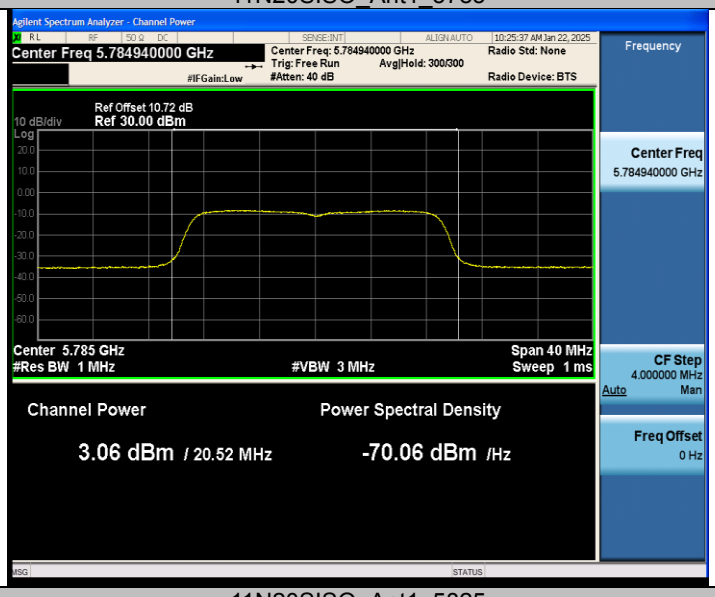
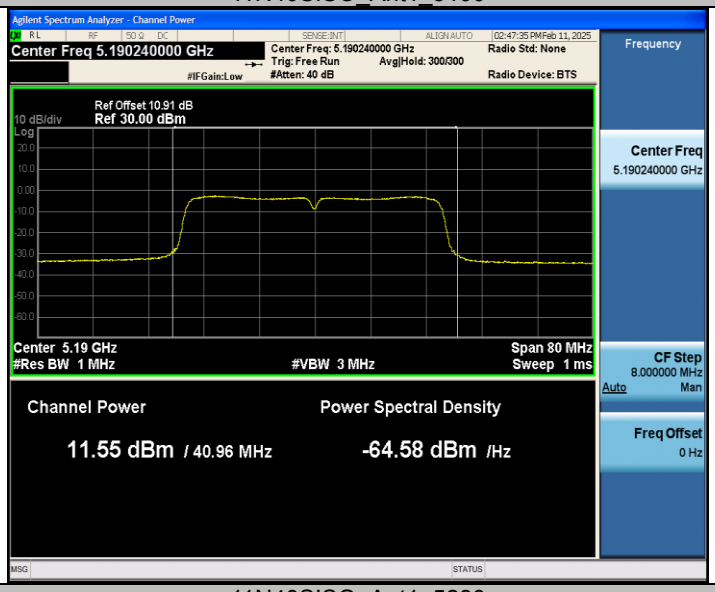


11N20SISO_Ant1_5825

11N40SISO_Ant1_5190



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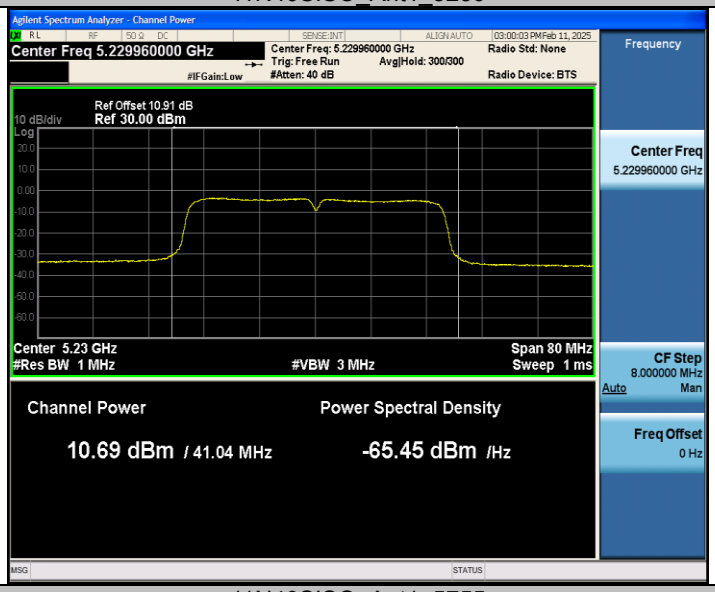

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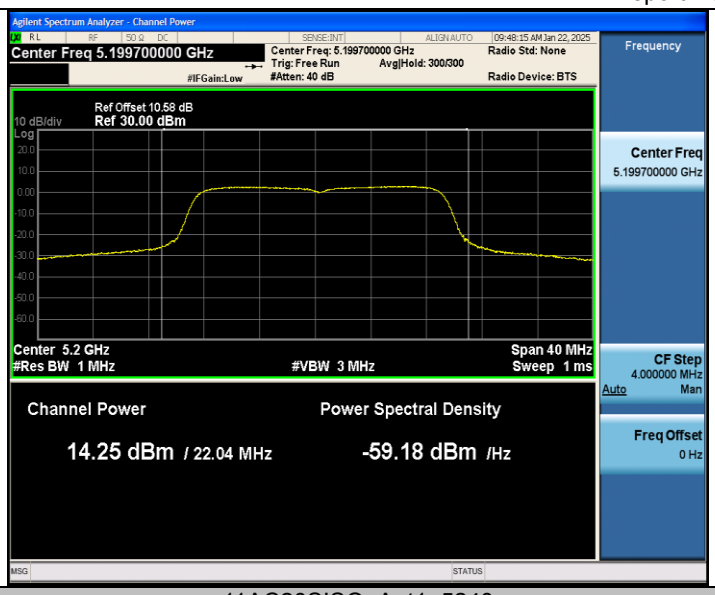
11N40SISO_Ant1_5795

11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200



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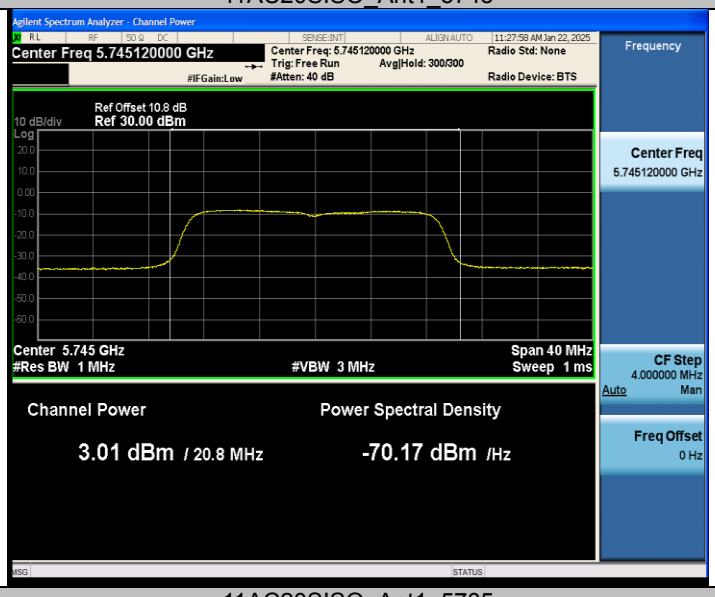
11AC20SISO_Ant1_5745



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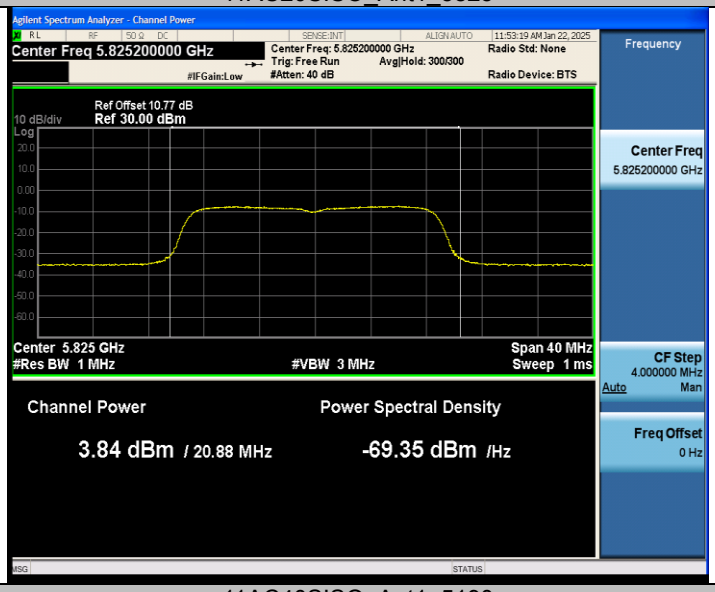

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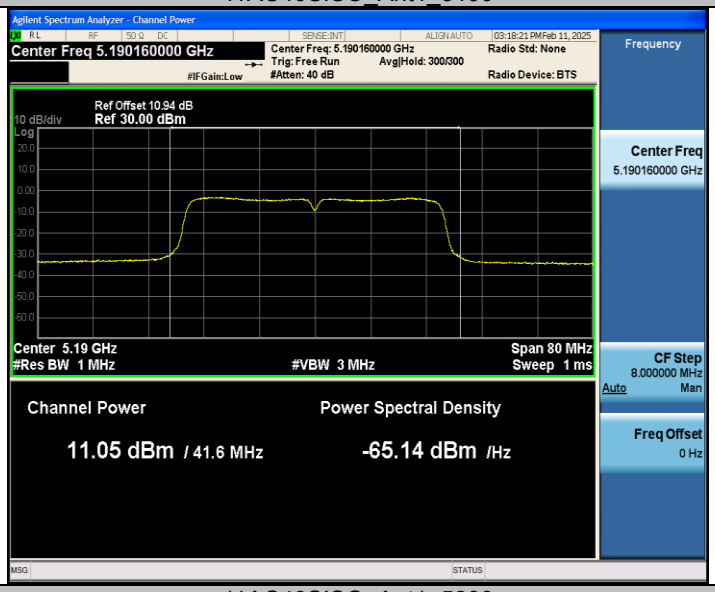

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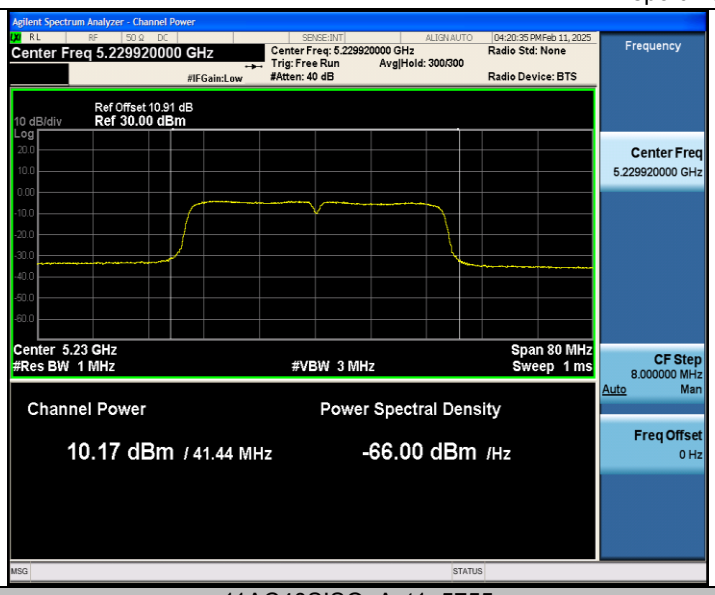

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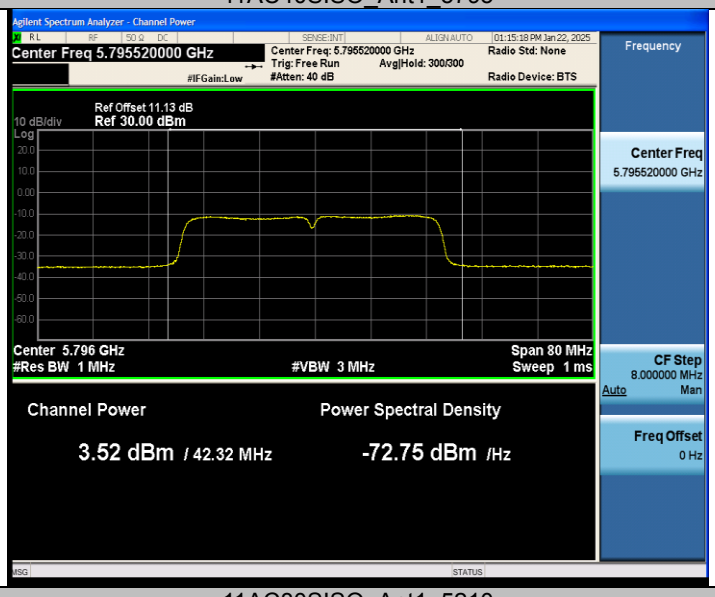

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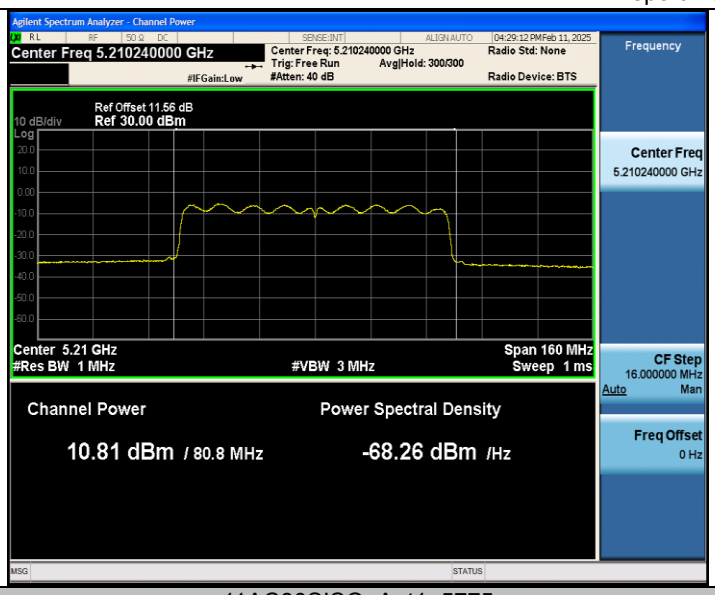

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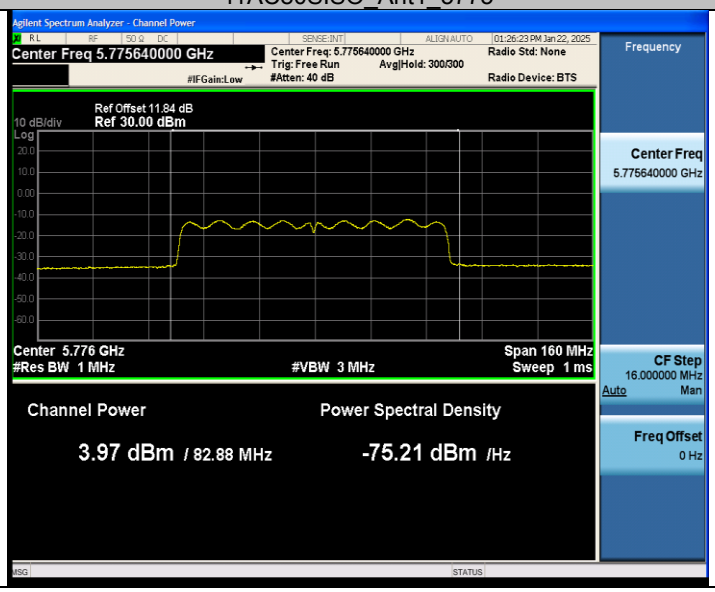


Appendix D: Maximum power spectral density

Test Result B1

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	4.44	≤11.00	PASS
		5200	3.22	≤11.00	PASS
		5240	0.82	≤11.00	PASS
11N20SISO	Ant1	5180	3.45	≤11.00	PASS
		5200	3.14	≤11.00	PASS
		5240	2.54	≤11.00	PASS
11N40SISO	Ant1	5190	-2.56	≤11.00	PASS
		5230	-3.22	≤11.00	PASS
11AC20SISO	Ant1	5180	3.51	≤11.00	PASS
		5200	3.66	≤11.00	PASS
		5240	2.53	≤11.00	PASS
11AC40SISO	Ant1	5190	-2.90	≤11.00	PASS
		5230	-4.00	≤11.00	PASS
11AC80SISO	Ant1	5210	-5.36	≤11.00	PASS

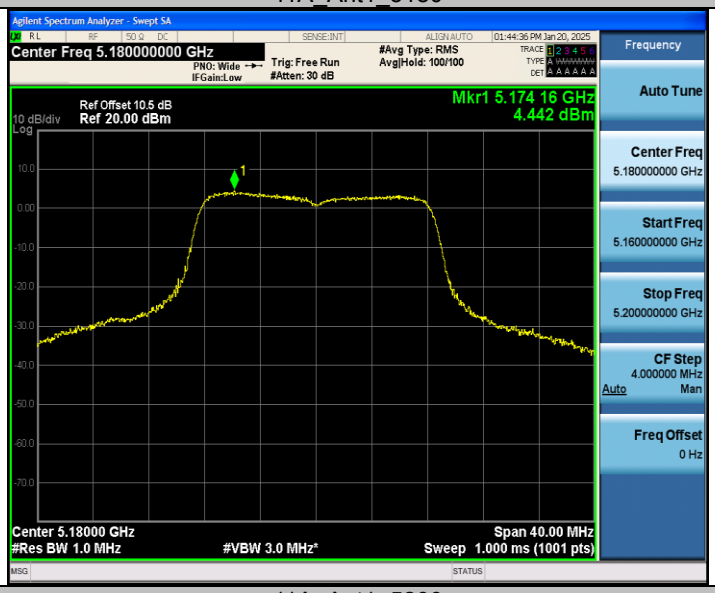
Test Result B4

Test Mode	Antenna	Frequency[MHz]	500kHz Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-4.43	≤29.97	PASS
		5785	-7.14	≤29.97	PASS
		5825	-6.74	≤29.97	PASS
11N20SISO	Ant1	5745	-7.87	≤29.97	PASS
		5785	-8.07	≤29.97	PASS
		5825	-8.09	≤29.97	PASS
11N40SISO	Ant1	5755	-11.37	≤29.97	PASS
		5795	-11.32	≤29.97	PASS
11AC20SISO	Ant1	5745	-8.50	≤29.97	PASS
		5785	-8.73	≤29.97	PASS
		5825	-7.92	≤29.97	PASS
11AC40SISO	Ant1	5755	-11.22	≤29.97	PASS
		5795	-11.19	≤29.97	PASS
11AC80SISO	Ant1	5775	-12.50	≤29.97	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 B1

11A_Ant1_5180



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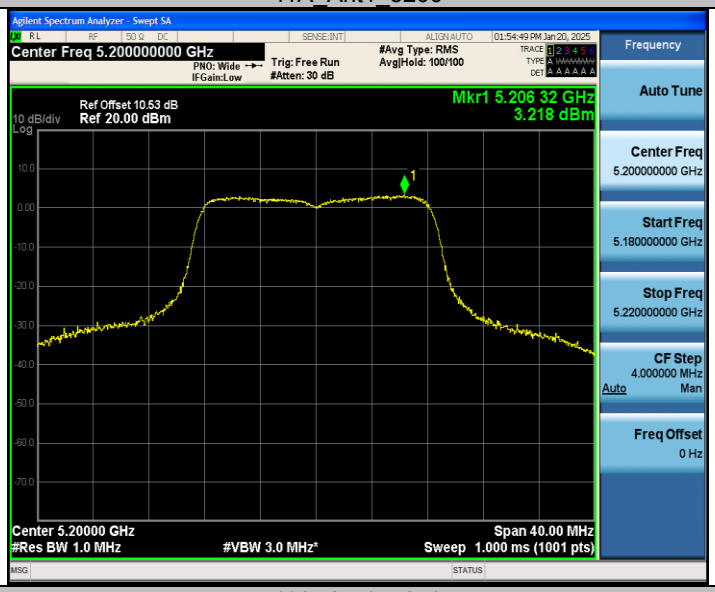
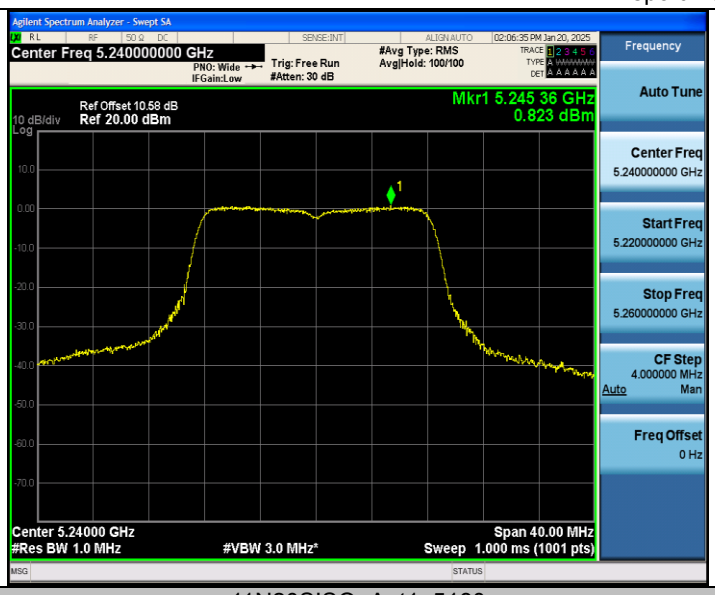


11A_Ant1_5240



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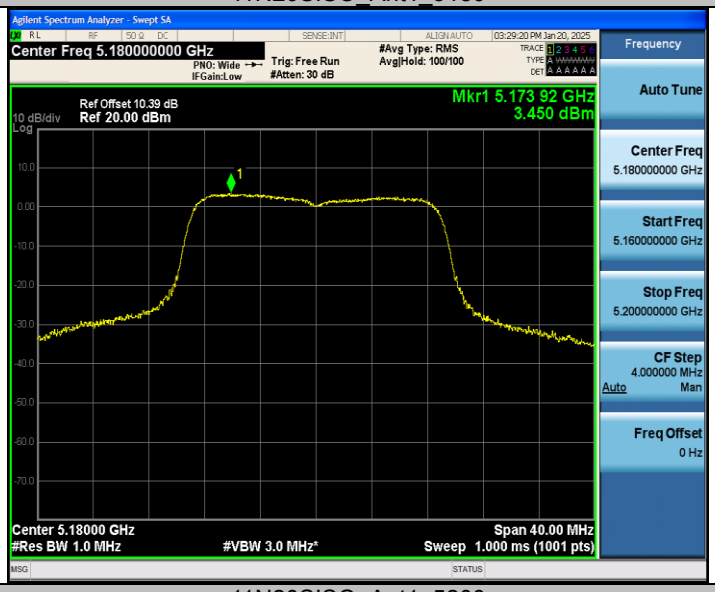

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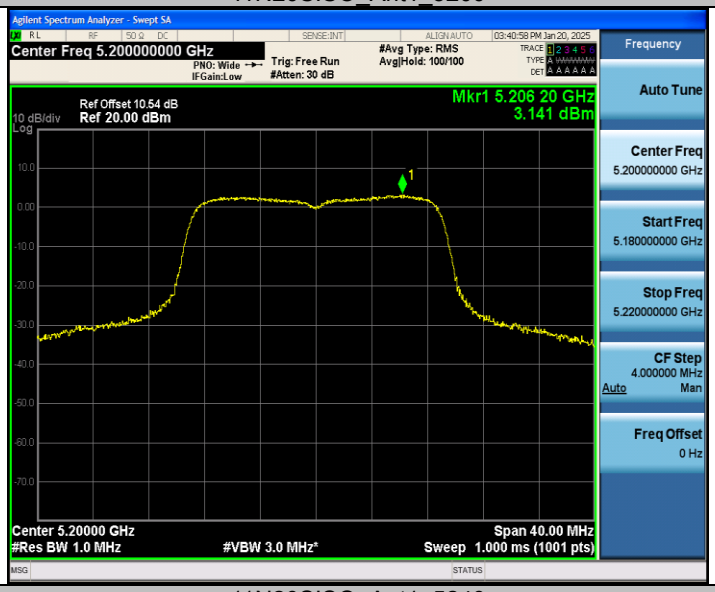

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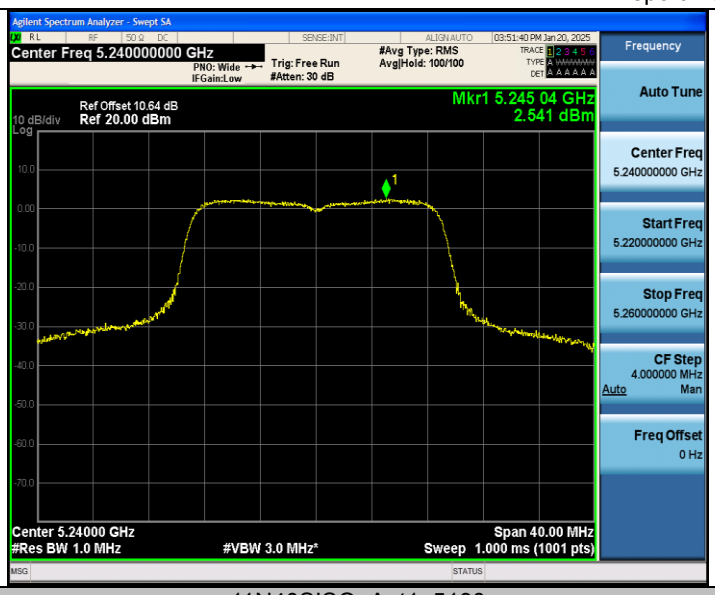

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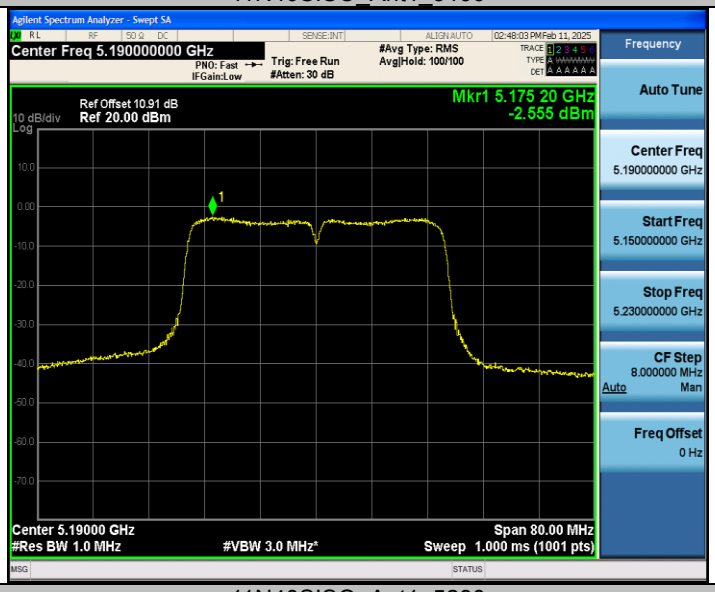

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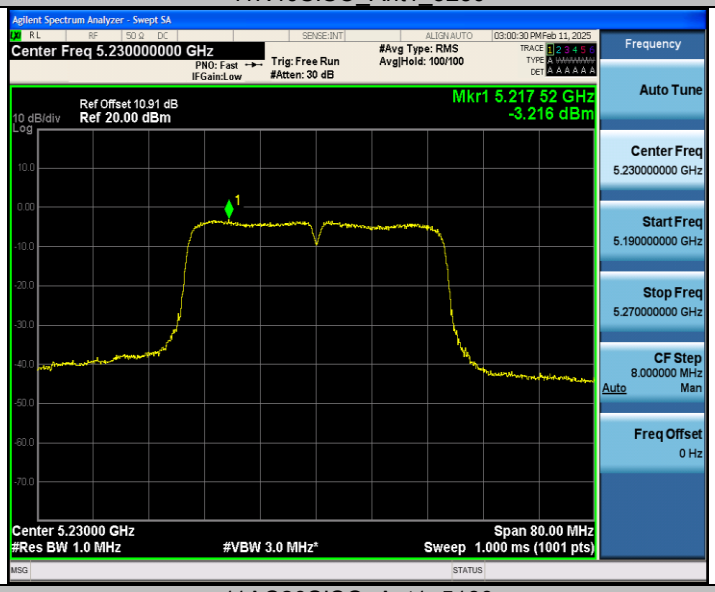

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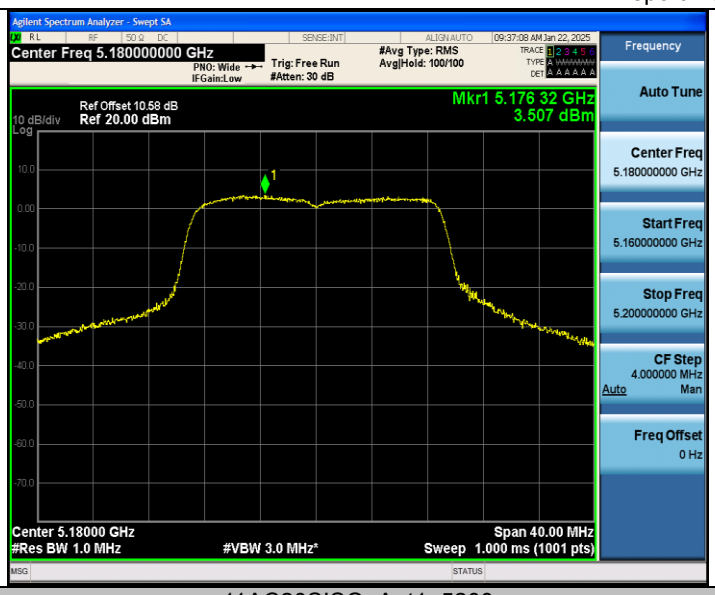

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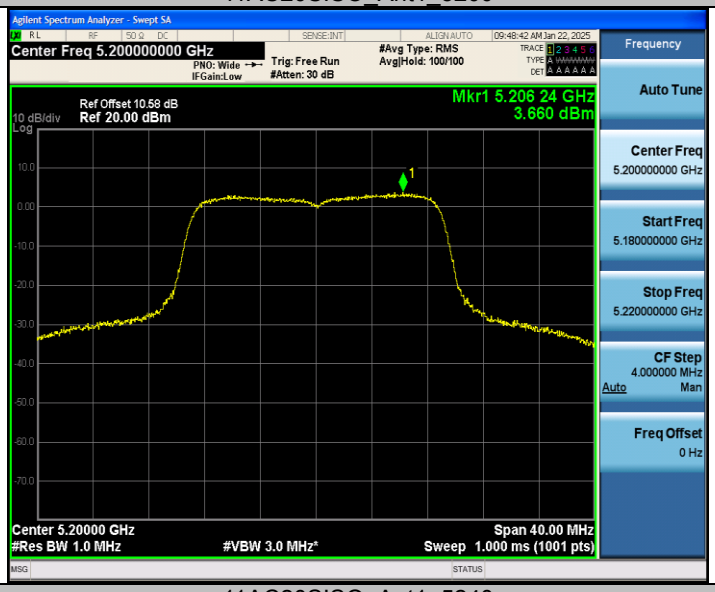

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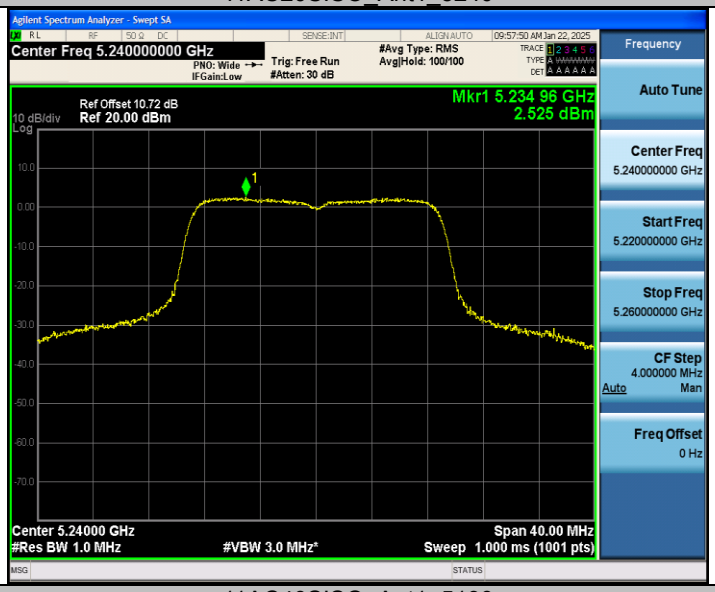

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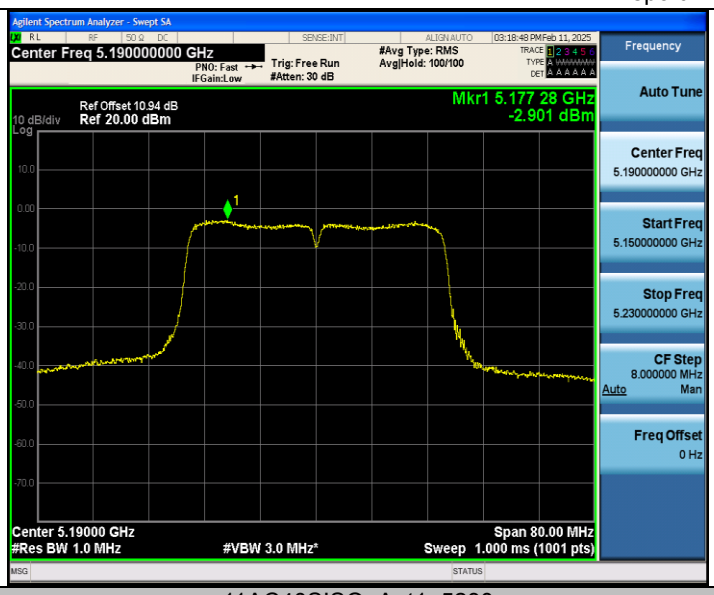

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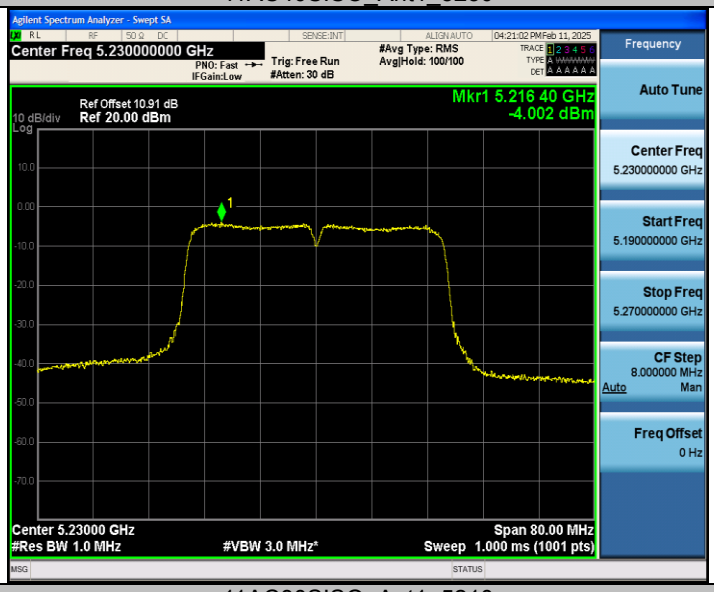
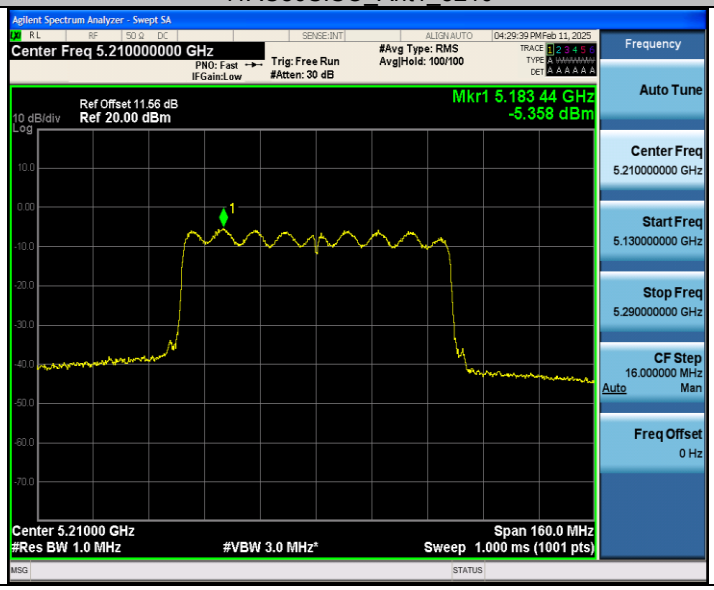
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