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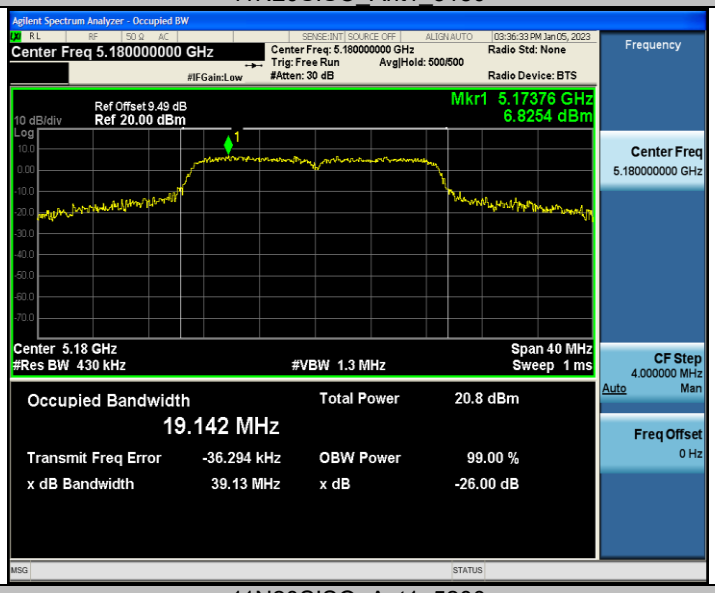

11N20SISO_Ant1_5200

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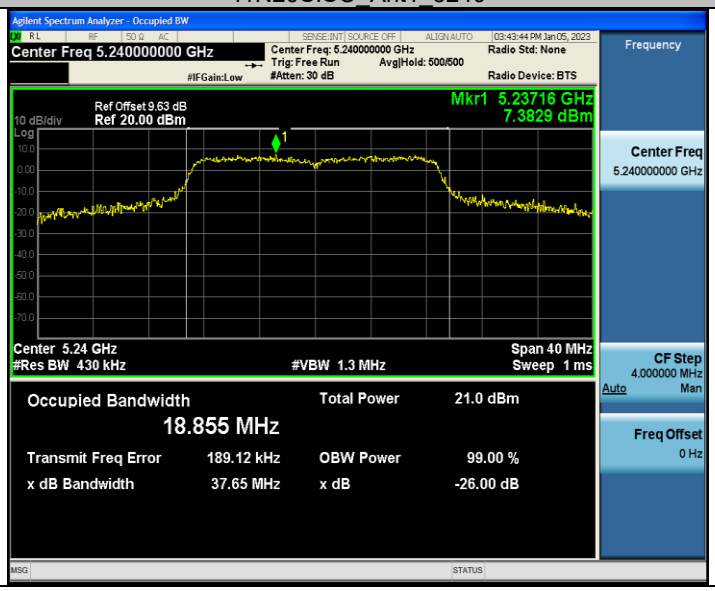

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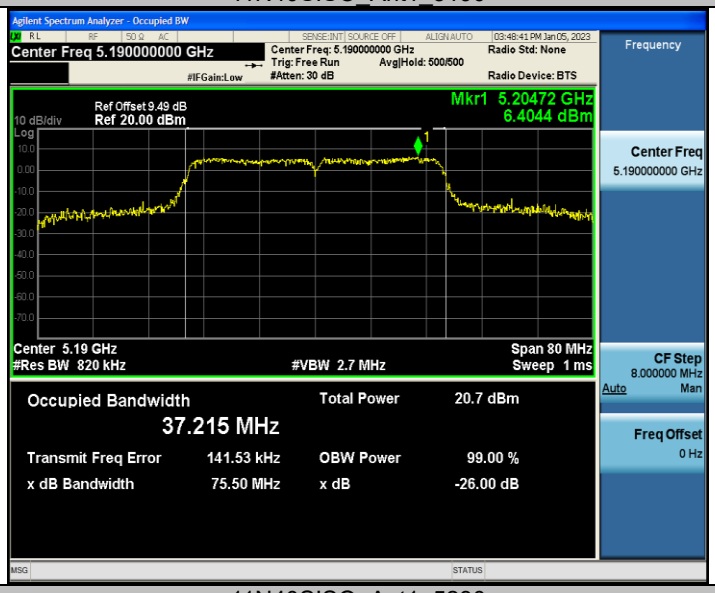

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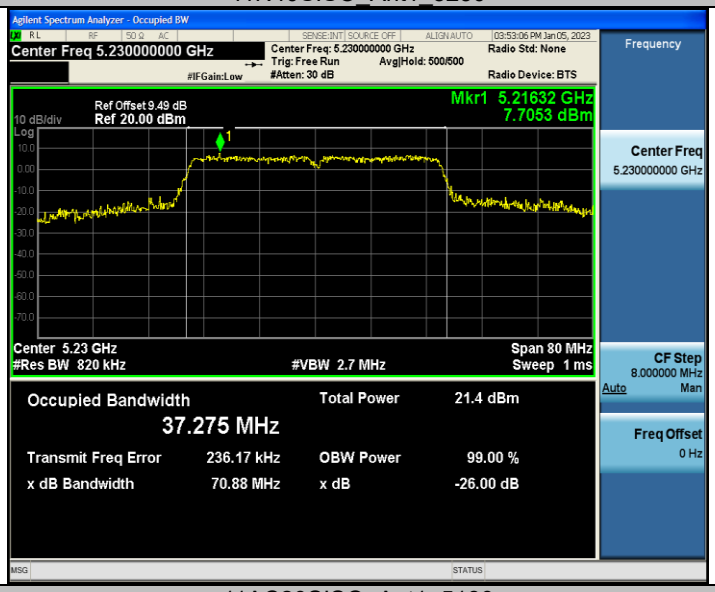

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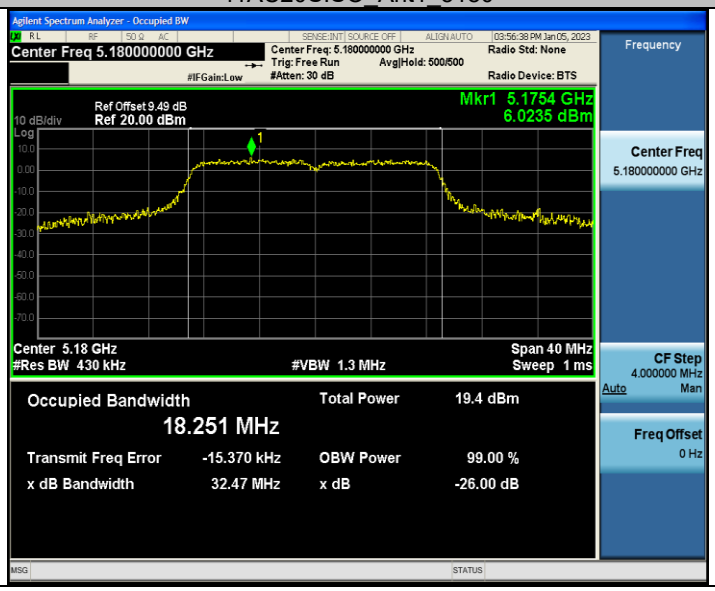

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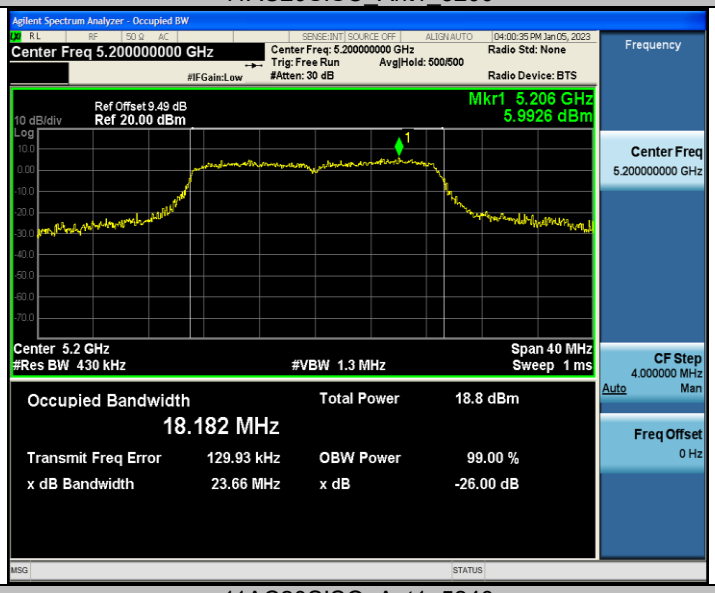

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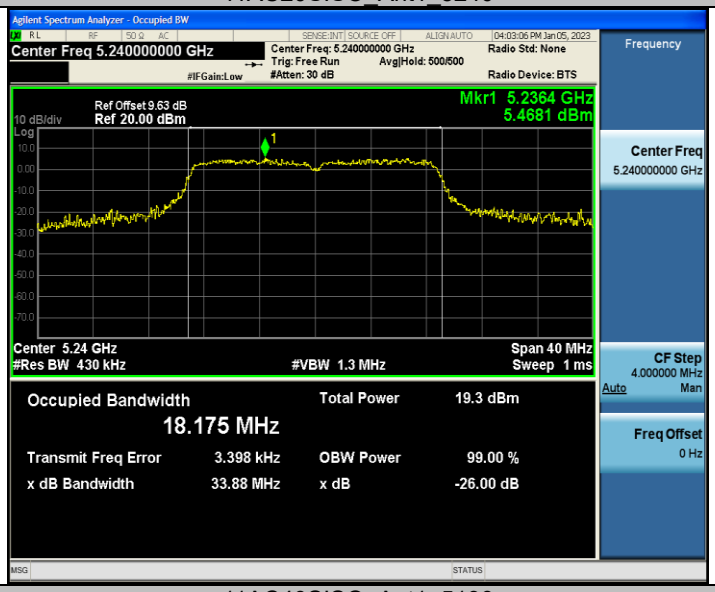

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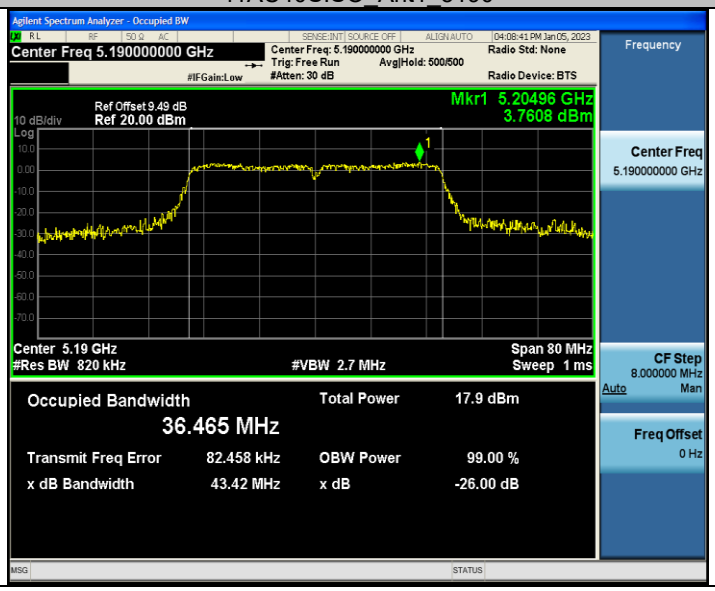

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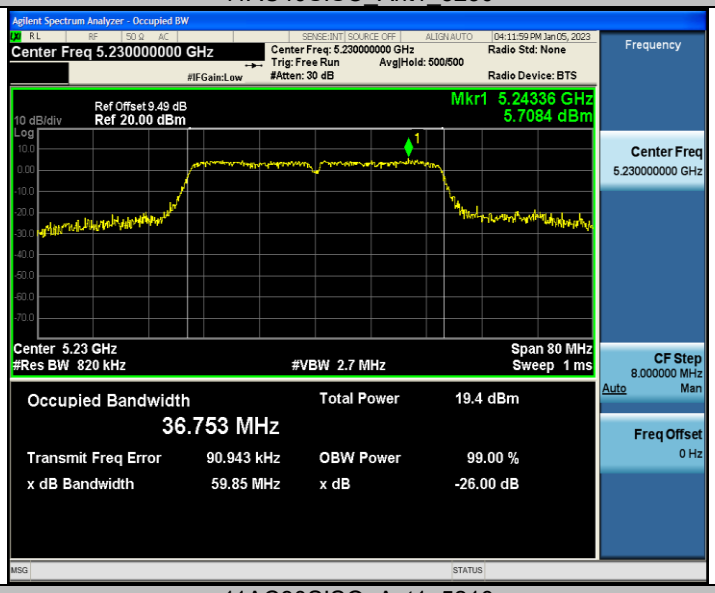

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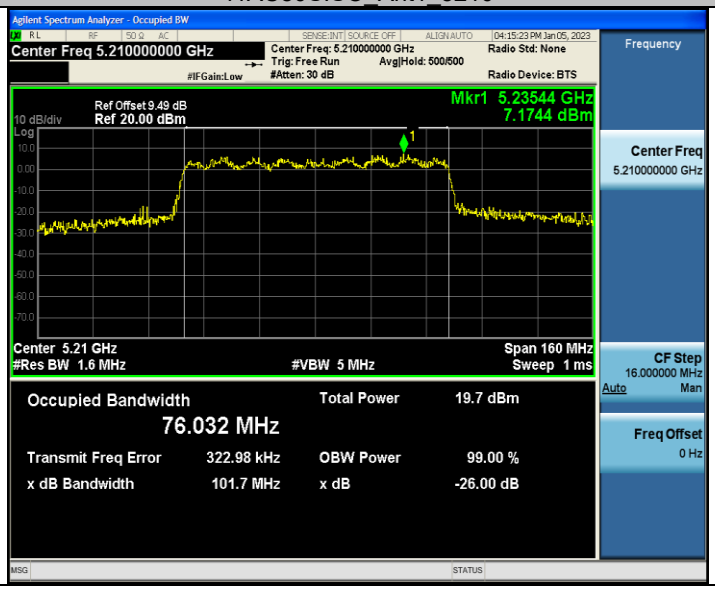
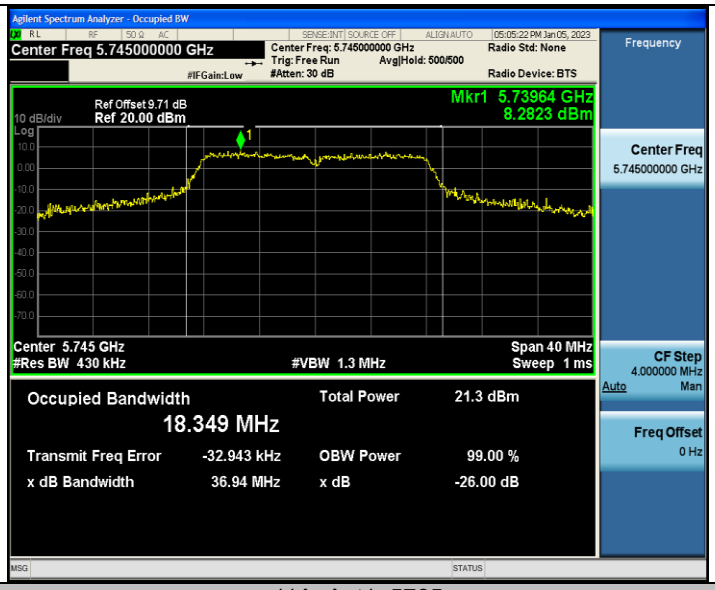
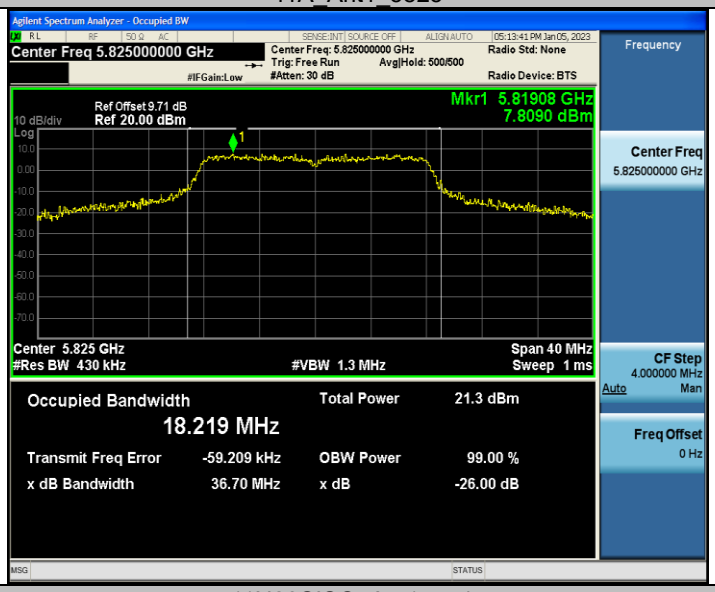




11A_Ant1_5785

11A_Ant1_5825



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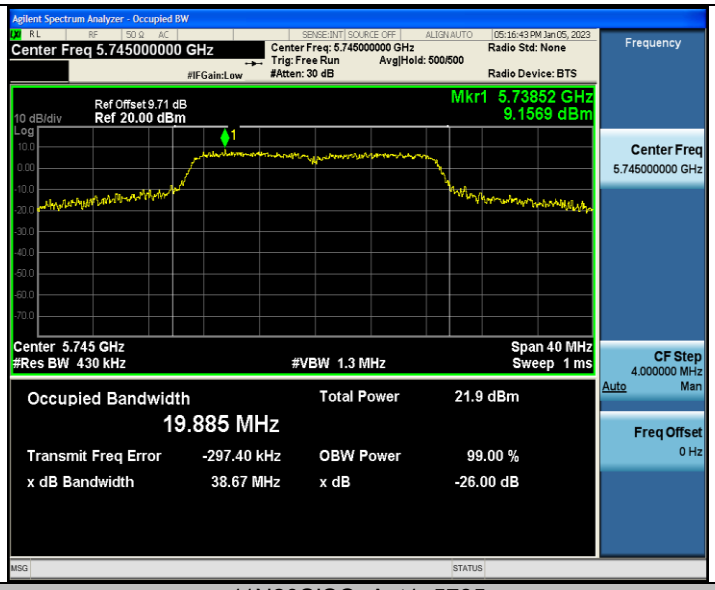

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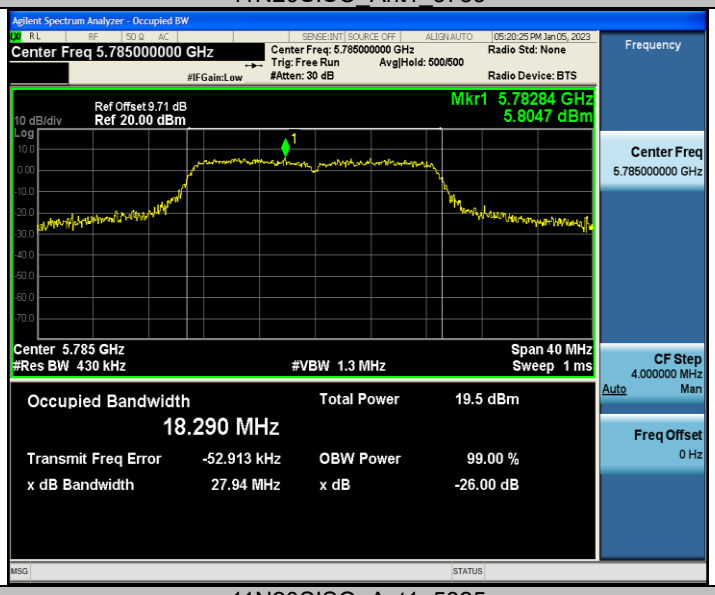

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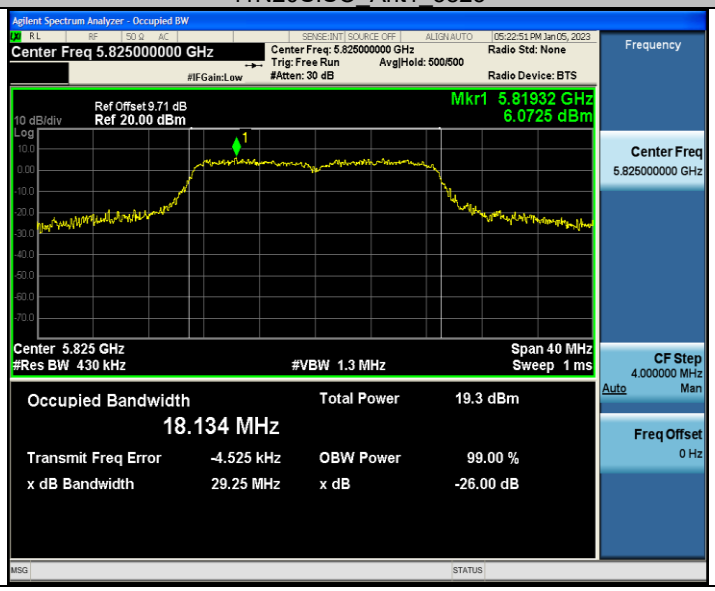

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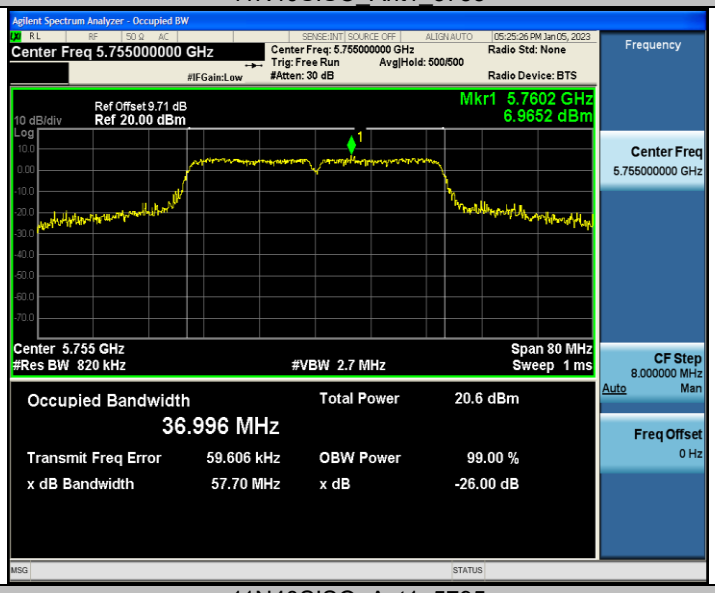

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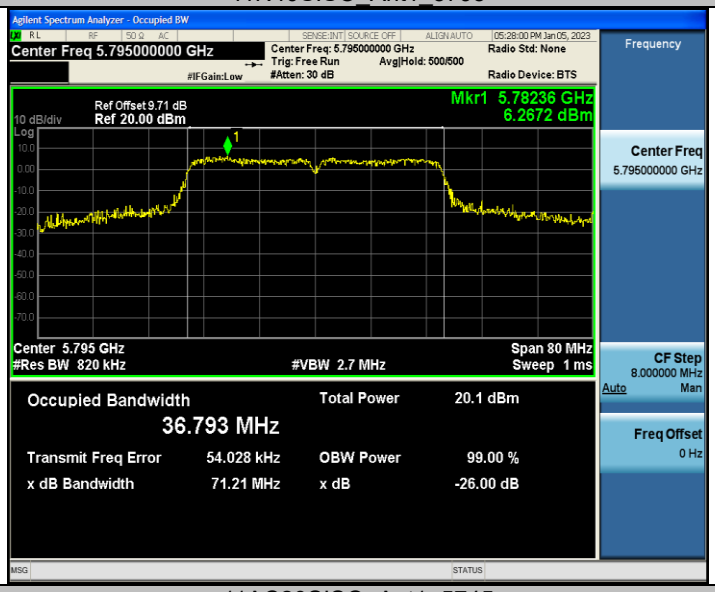

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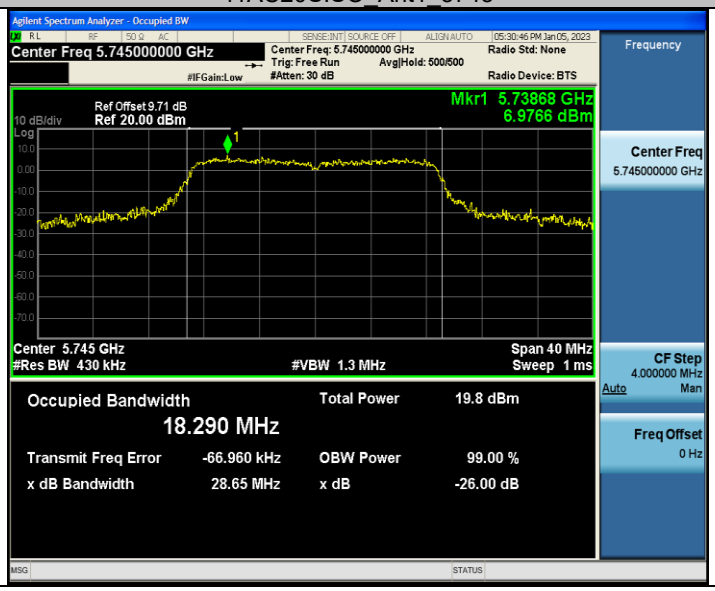

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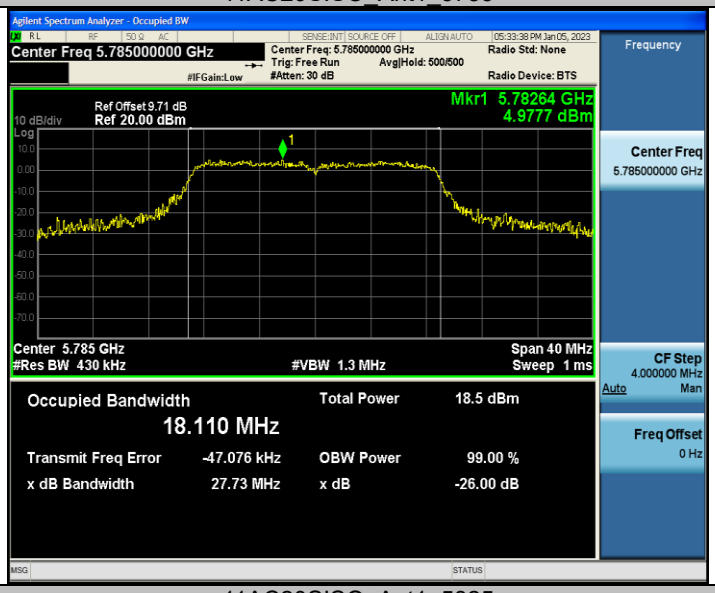

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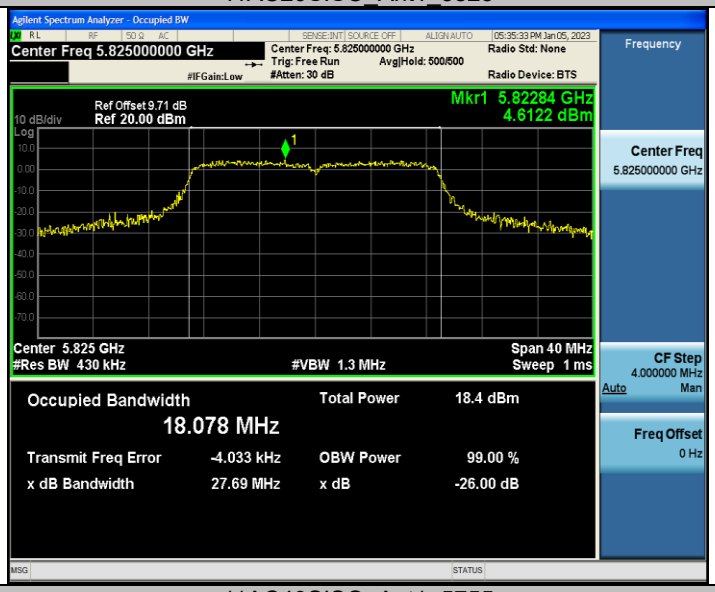

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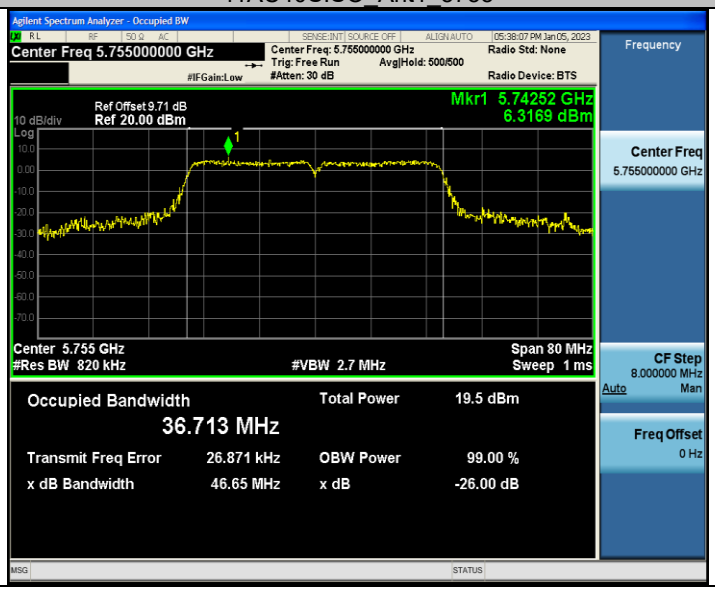

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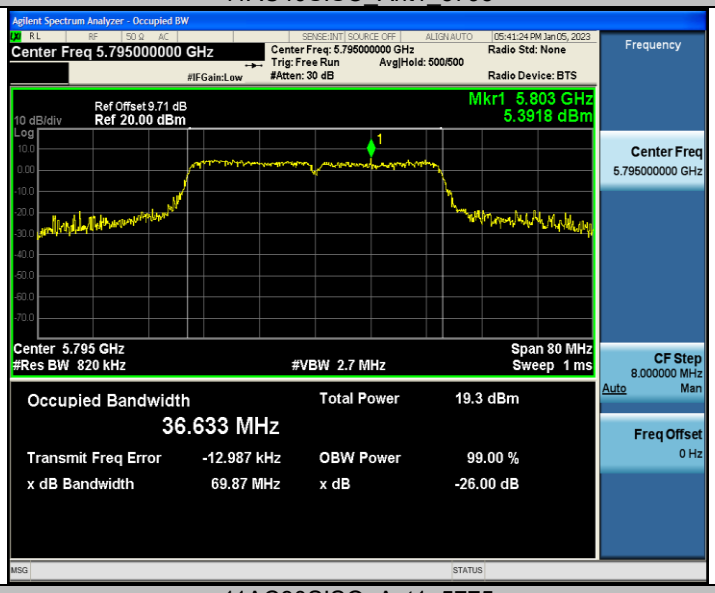

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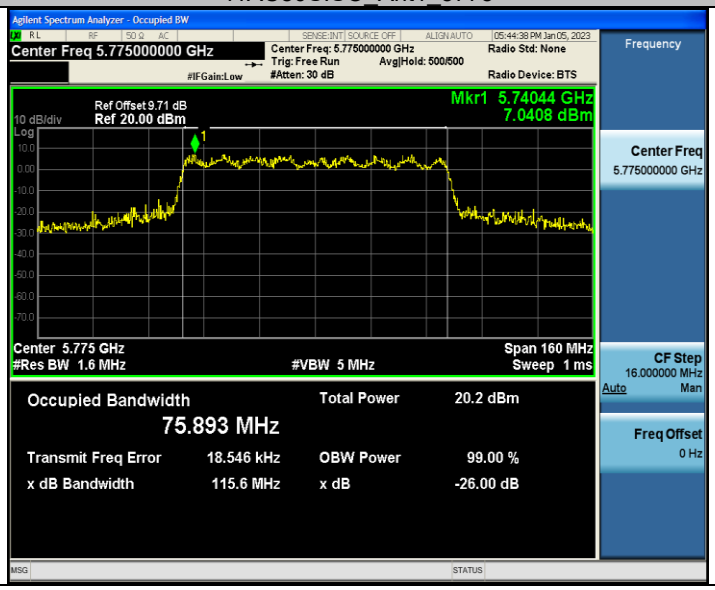


Appendix B: Duty Cycle

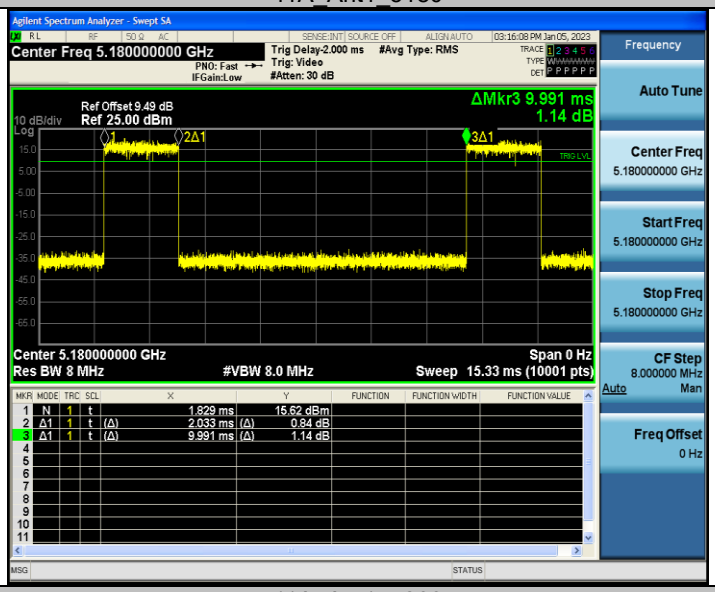
Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.03	9.99	20.32
		5200	2.07	10.43	19.85
		5240	2.06	9.99	20.62
11N20SISO	Ant1	5180	1.92	10.08	19.05
		5200	1.92	10.08	19.05
		5240	1.92	10.11	18.99
11N40SISO	Ant1	5190	0.95	9.95	9.55
		5230	0.95	11.46	8.29
11AC20SISO	Ant1	5180	1.94	9.85	19.70
		5200	1.94	9.28	20.91
		5240	1.93	10.18	18.96
11AC40SISO	Ant1	5190	0.95	9.98	9.52
		5230	0.95	9.95	9.55
11AC80SISO	Ant1	5210	0.46	10.04	4.58

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	2.06	9.98	20.64
		5785	2.06	10.37	19.86
		5825	2.06	9.98	20.64
11N20SISO	Ant1	5745	1.92	10.01	19.18
		5785	1.92	10.14	18.93
		5825	1.92	9.95	19.30
11N40SISO	Ant1	5755	0.95	10.02	9.48
		5795	0.94	11.93	7.88
11AC20SISO	Ant1	5745	1.93	10.08	19.15
		5785	1.94	9.99	19.42
		5825	1.94	9.89	19.62
11AC40SISO	Ant1	5755	0.96	9.92	9.68
		5795	0.95	8.43	11.27
11AC80SISO	Ant1	5775	0.46	10.18	4.52

Test Graphs

11A_Ant1_5180



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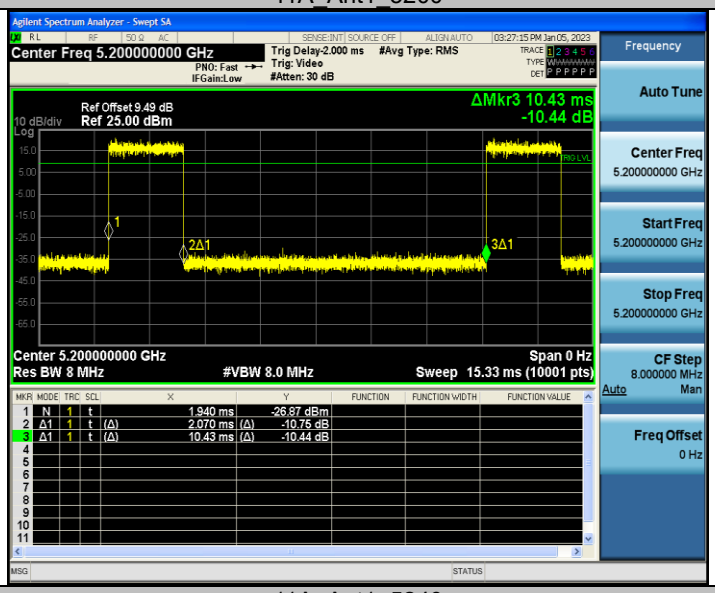

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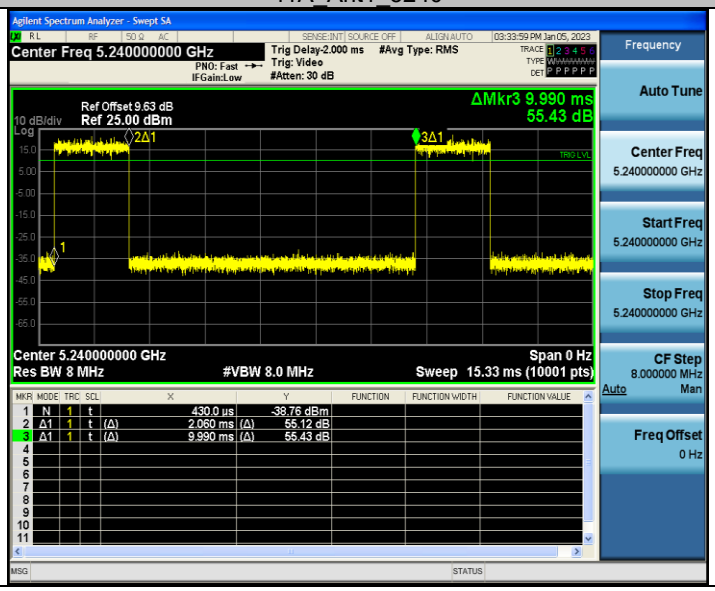

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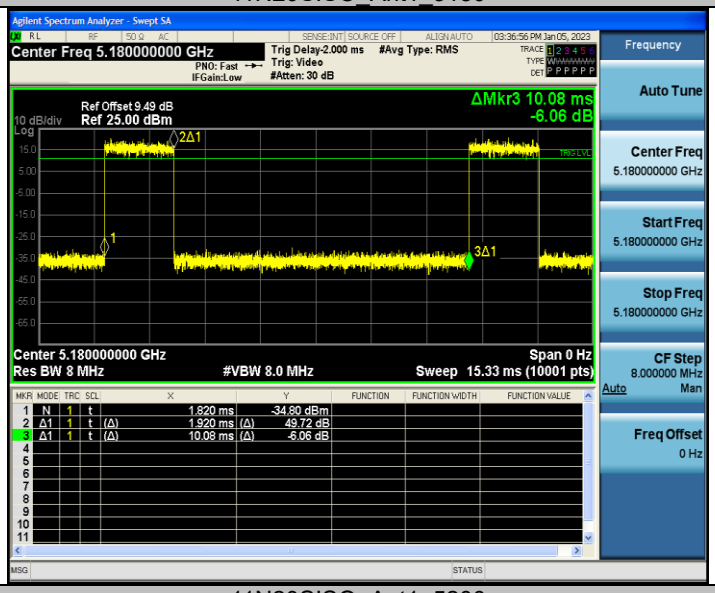

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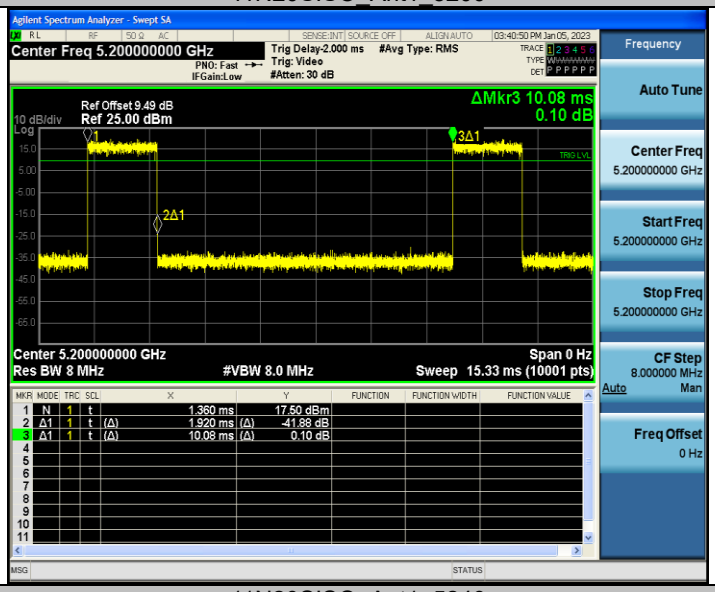

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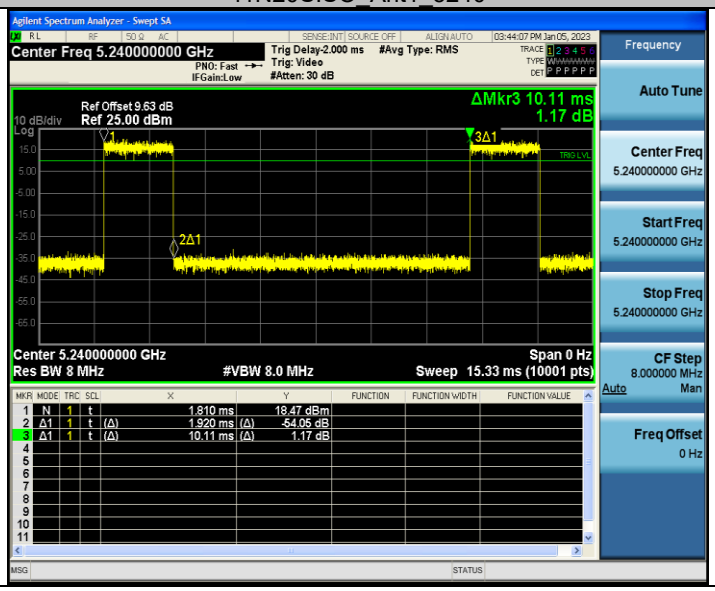

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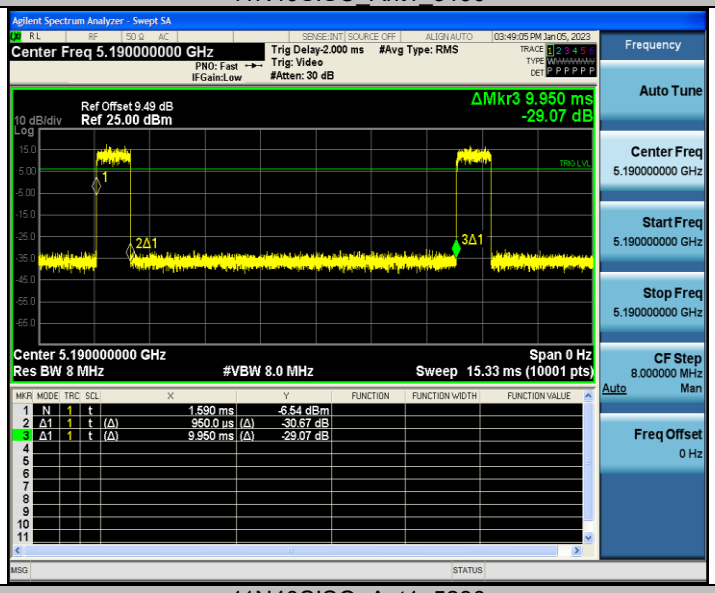

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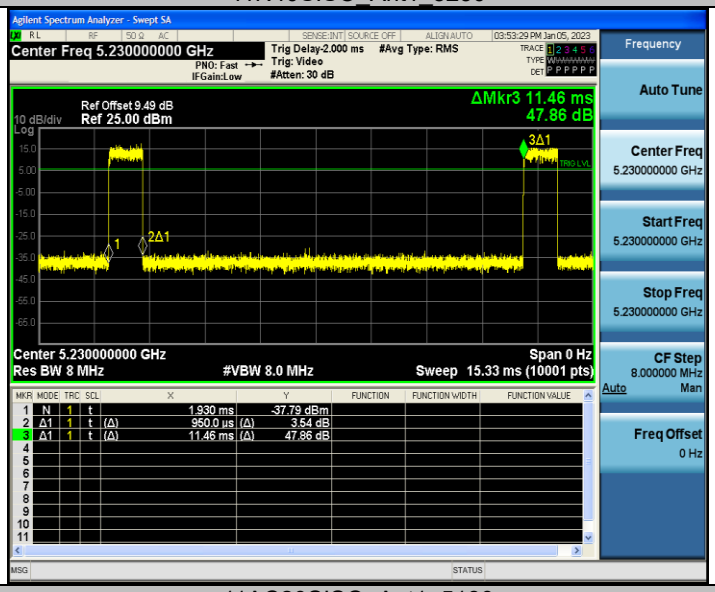

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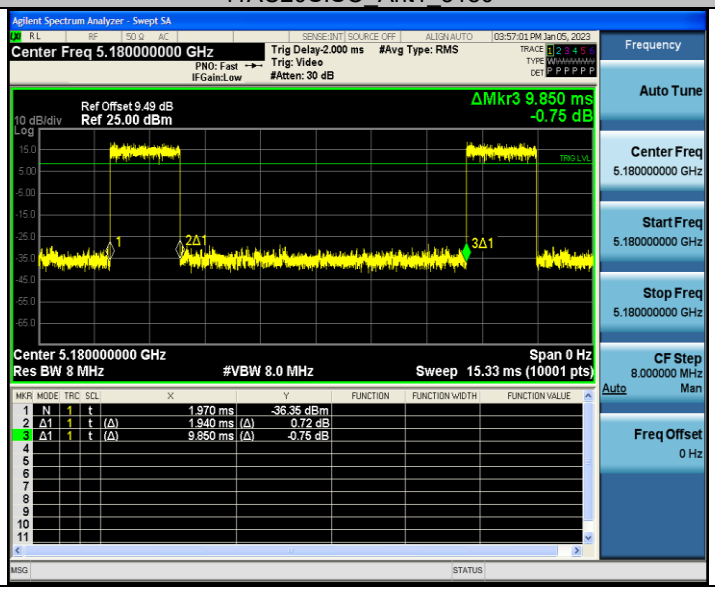

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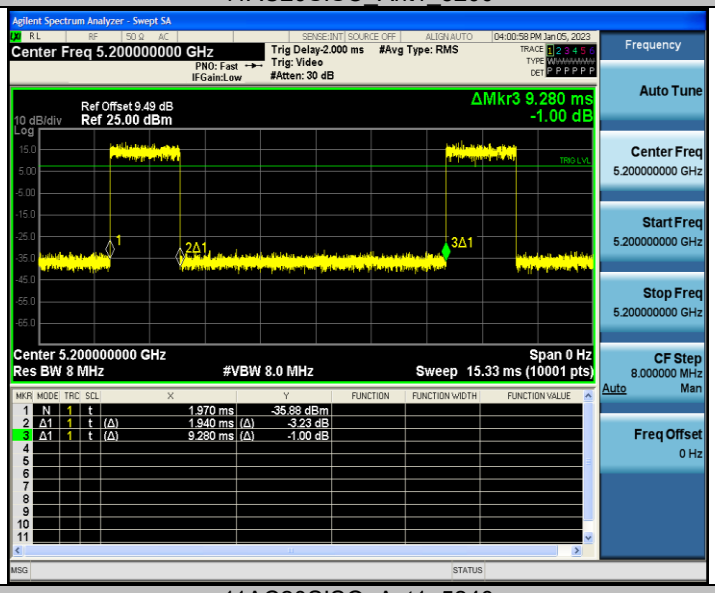

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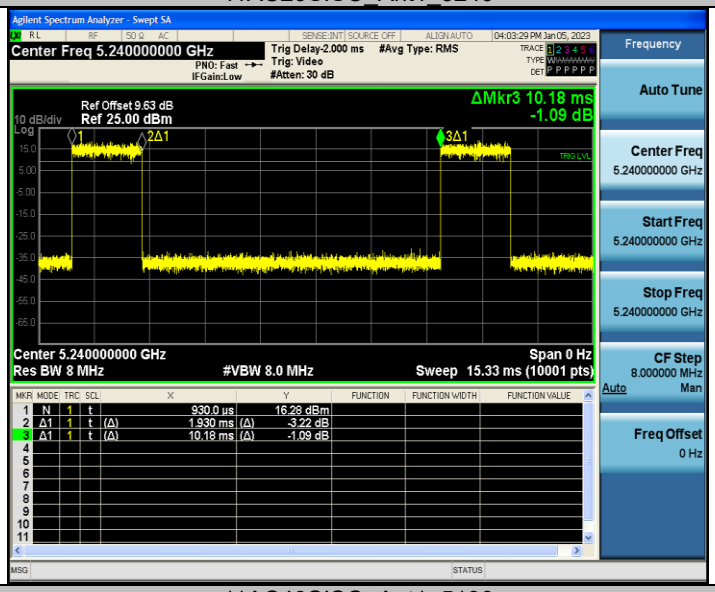

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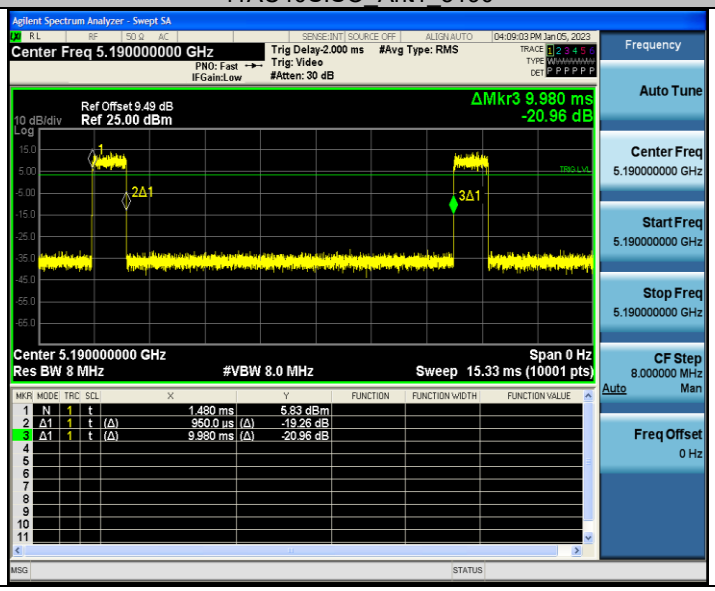

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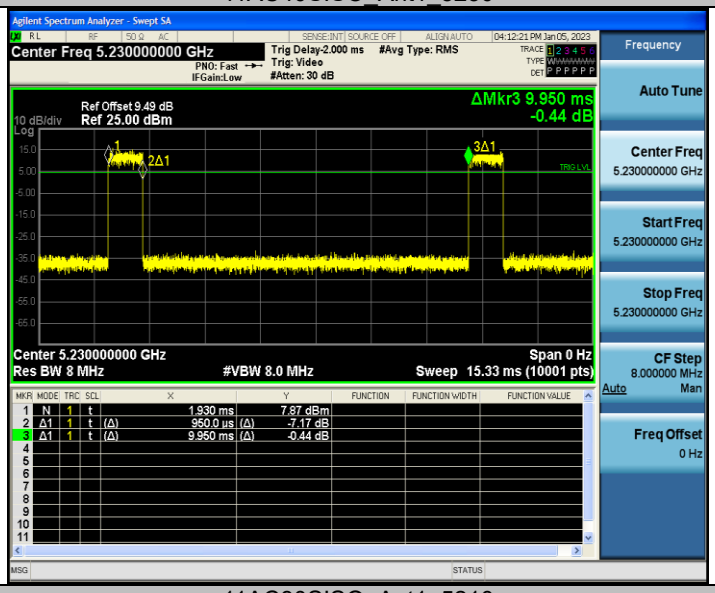

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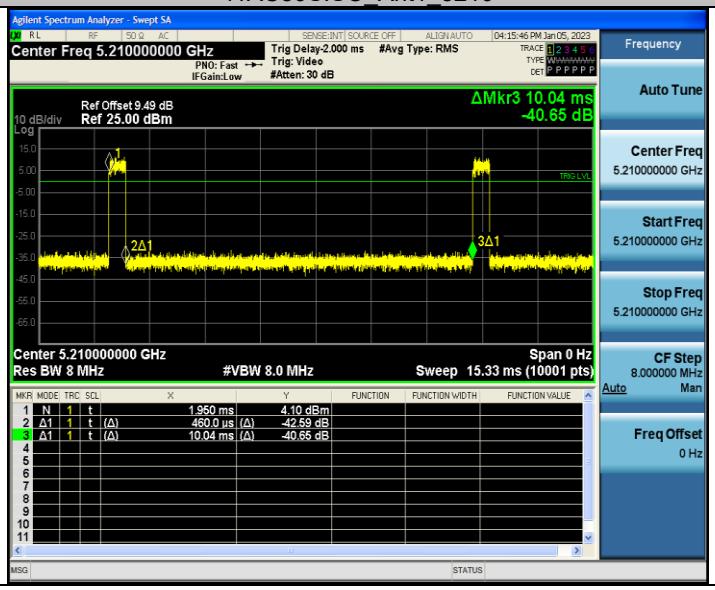

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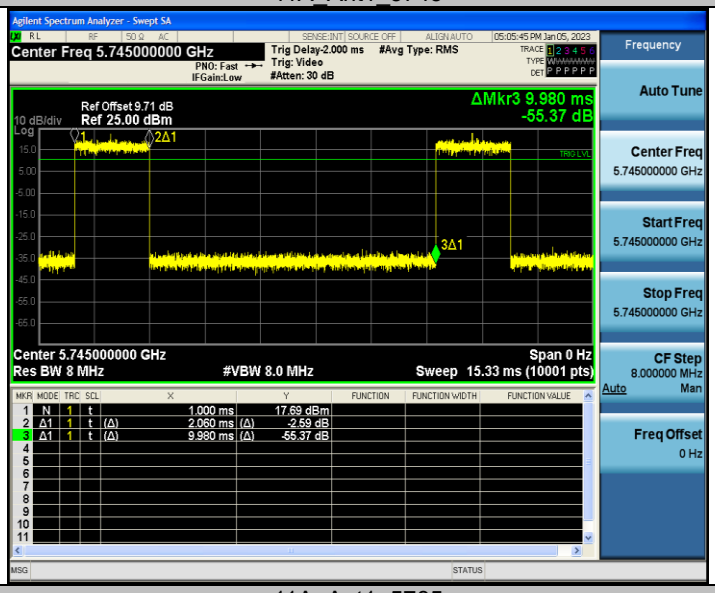

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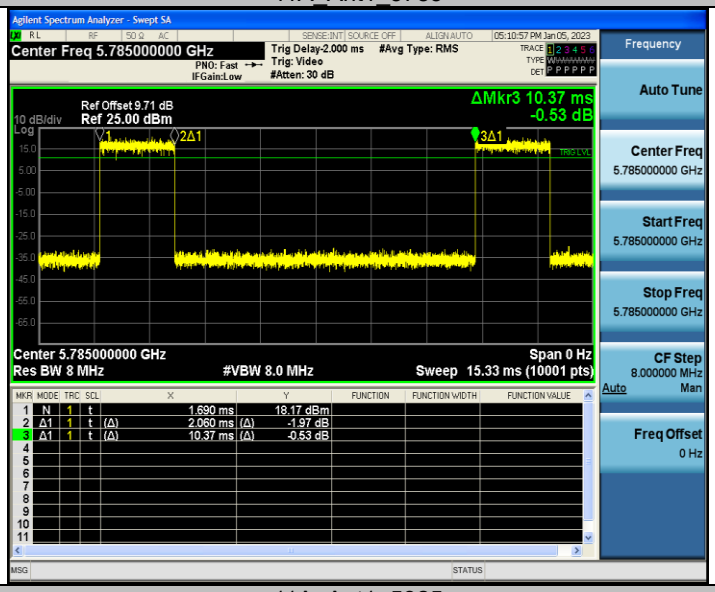

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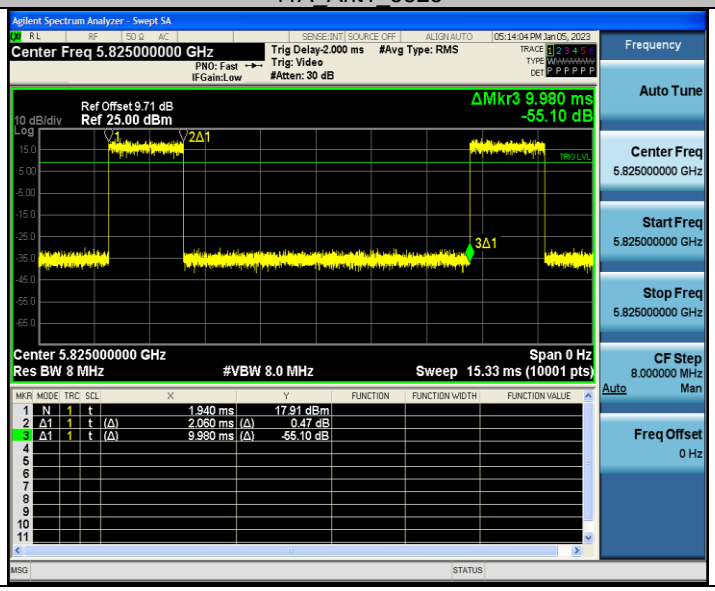

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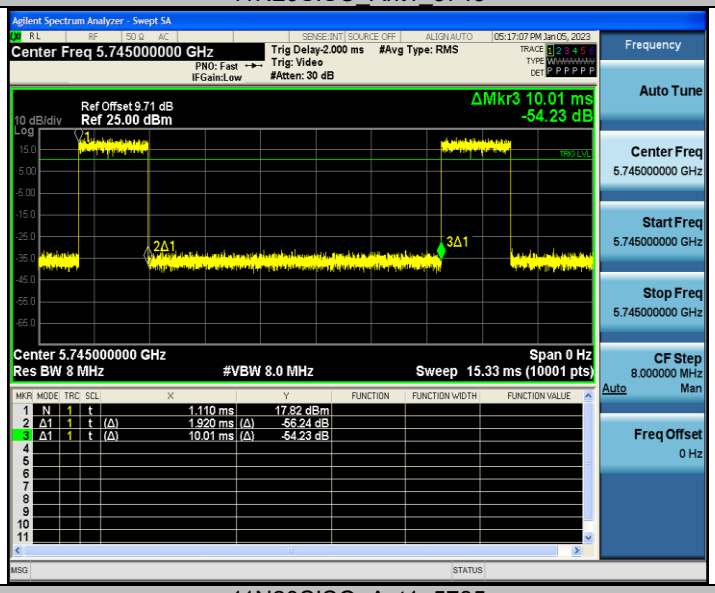

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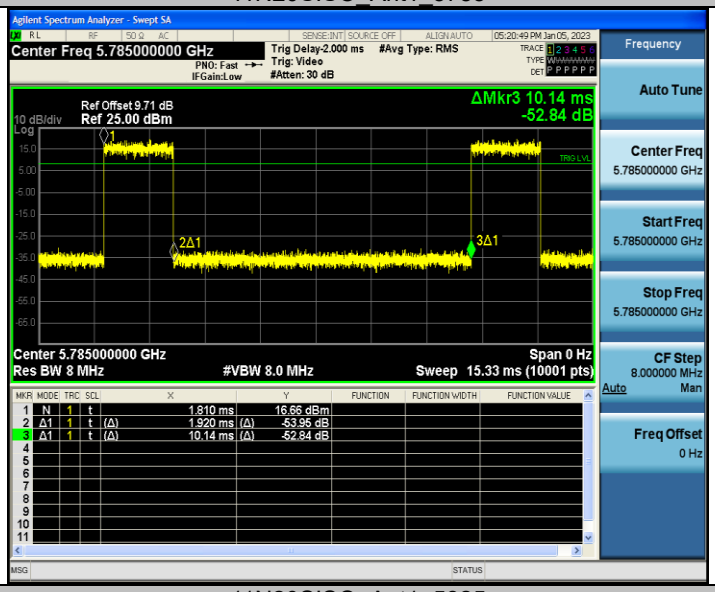

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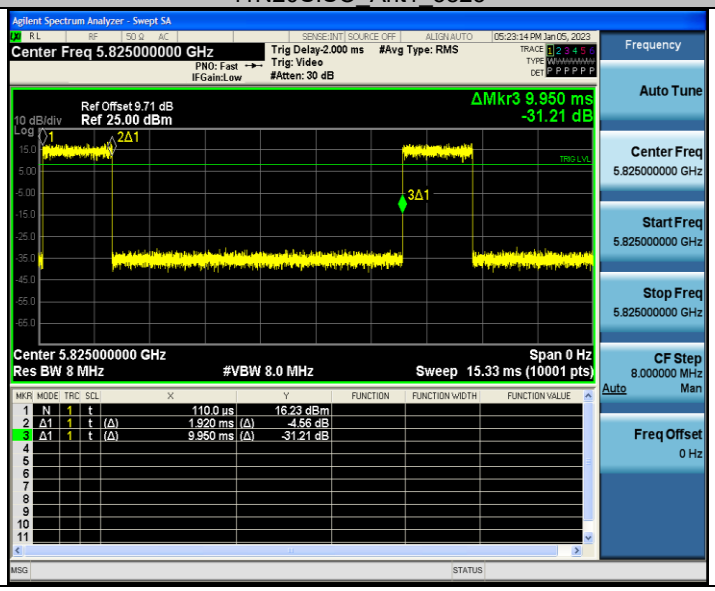

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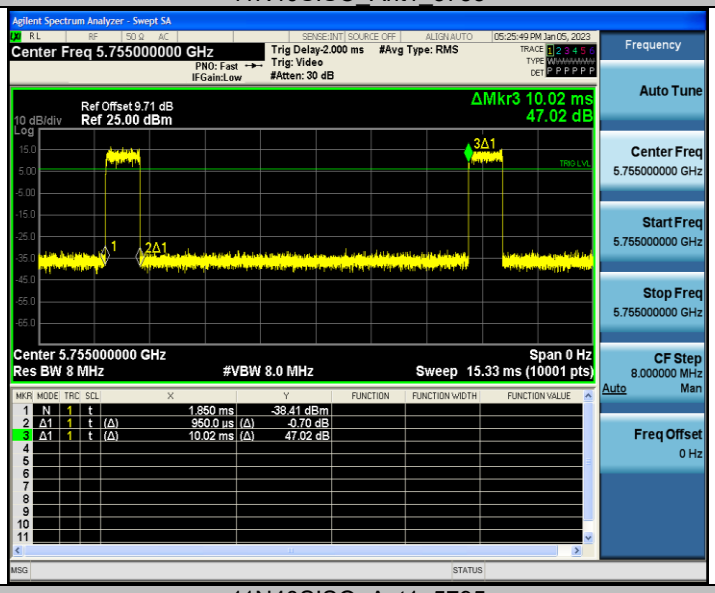

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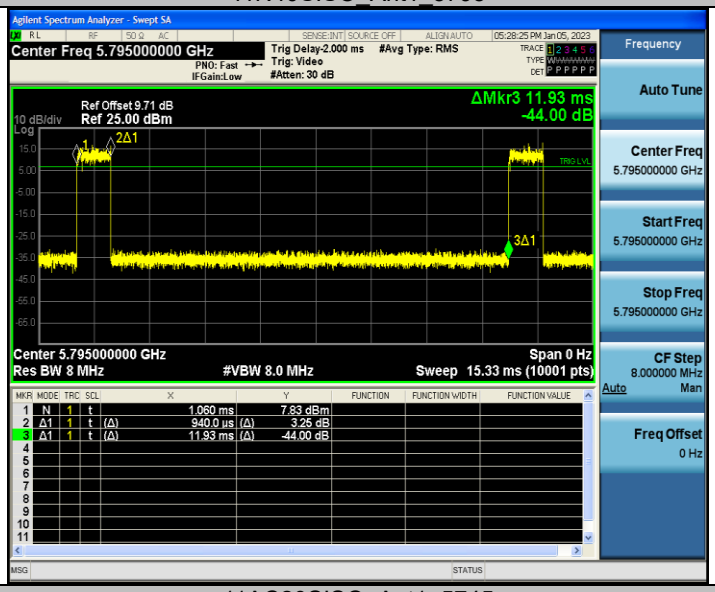

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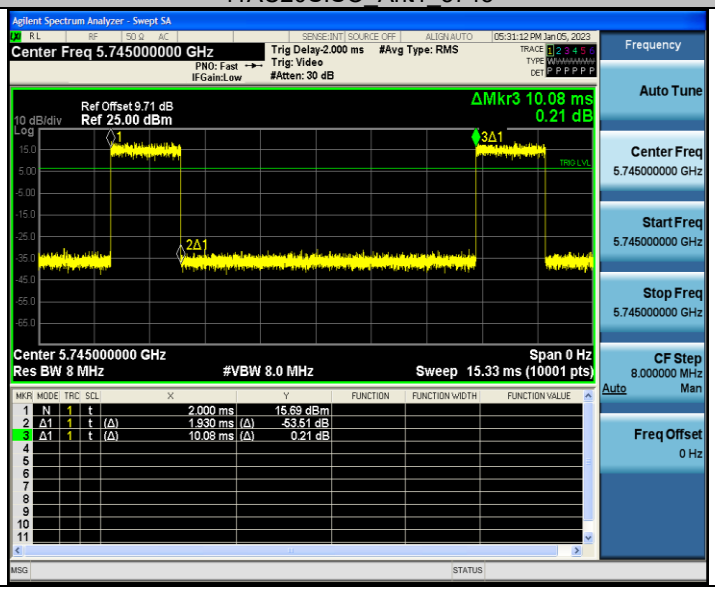

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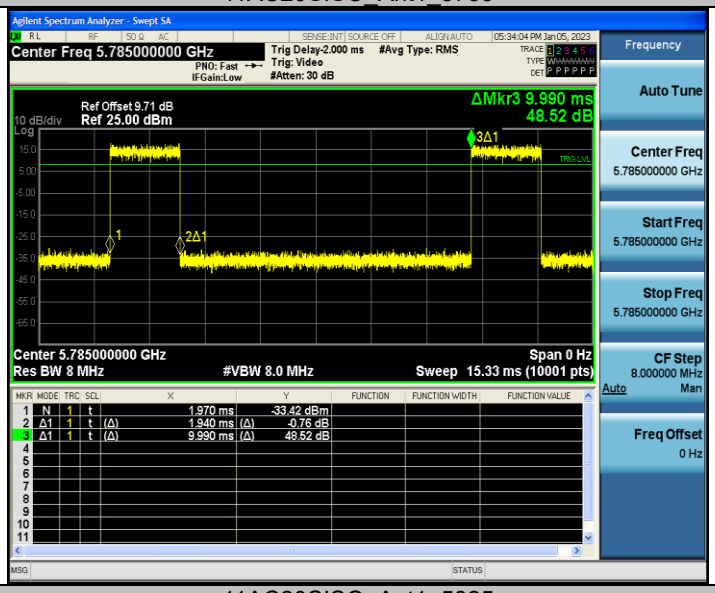

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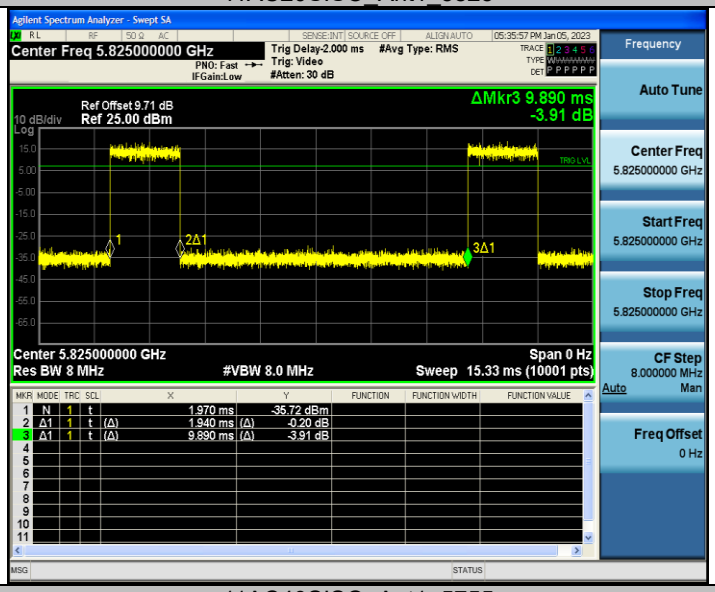
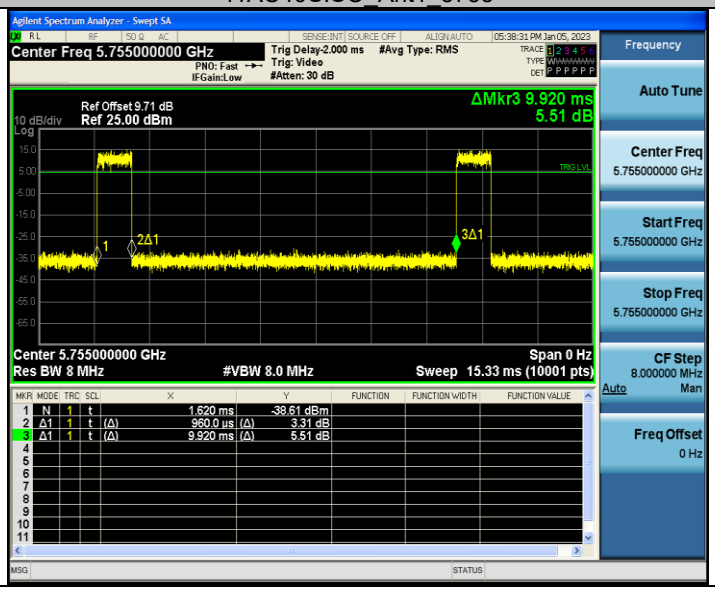
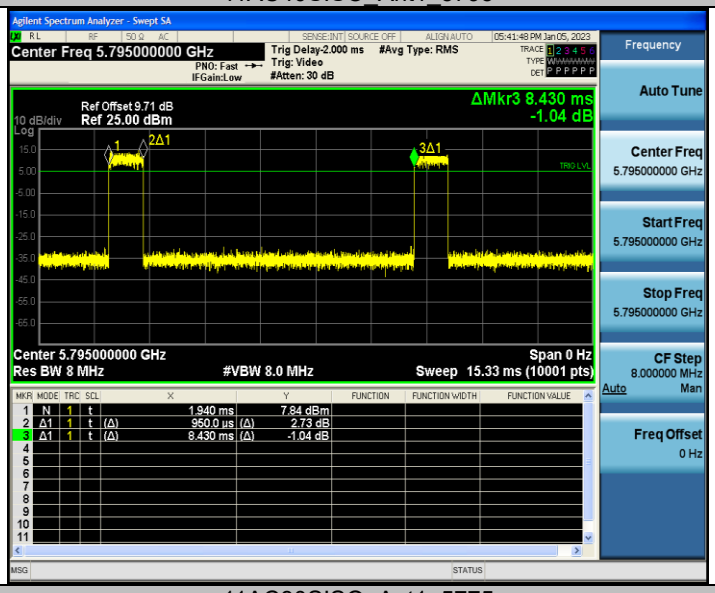


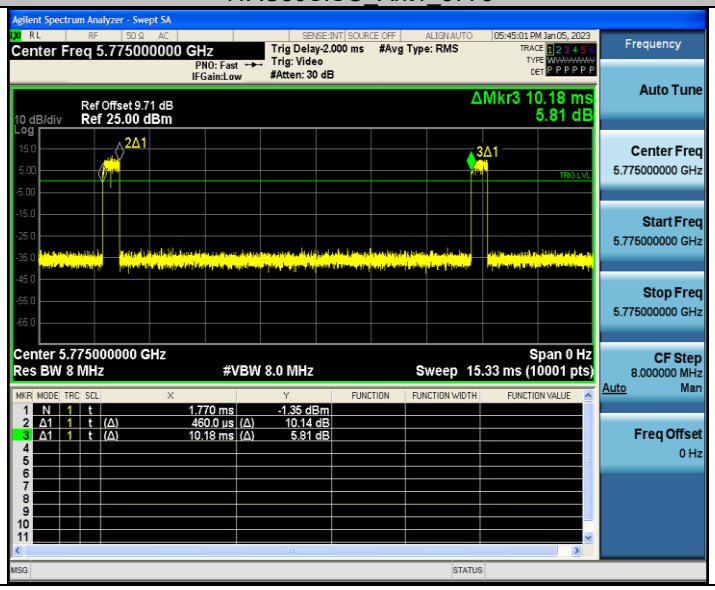
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



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]	Gain [dBi]	EIRP [dBm]	Verdict
11A	Ant1	5180	8.73	20.32	6.80	15.53	≤23.98	1.17	16.7	PASS
		5200	8.45	19.85	7.02	15.47	≤23.98	1.17	16.64	PASS
		5240	8.86	20.62	6.86	15.72	≤23.98	1.17	16.89	PASS
11N20SISO	Ant1	5180	7.47	19.05	7.20	14.67	≤23.98	1.17	15.84	PASS
		5200	7.36	19.05	7.20	14.56	≤23.98	1.17	15.73	PASS
		5240	7.58	18.99	7.21	14.79	≤23.98	1.17	15.96	PASS
11N40SISO	Ant1	5190	4.12	9.55	10.20	14.32	≤23.98	1.17	15.49	PASS
		5230	3.26	8.29	10.81	14.07	≤23.98	1.17	15.24	PASS
11AC20SISO	Ant1	5180	5.42	19.70	7.06	12.48	≤23.98	1.17	13.65	PASS
		5200	5.88	20.91	6.80	12.68	≤23.98	1.17	13.85	PASS
		5240	4.43	18.96	7.22	11.65	≤23.98	1.17	12.82	PASS
11AC40SISO	Ant1	5190	0.95	9.52	10.21	11.16	≤23.98	1.17	12.33	PASS
		5230	2.32	9.55	10.20	12.52	≤23.98	1.17	13.69	PASS
11AC80SISO	Ant1	5210	-0.98	4.58	13.39	12.41	≤23.98	1.17	13.58	PASS

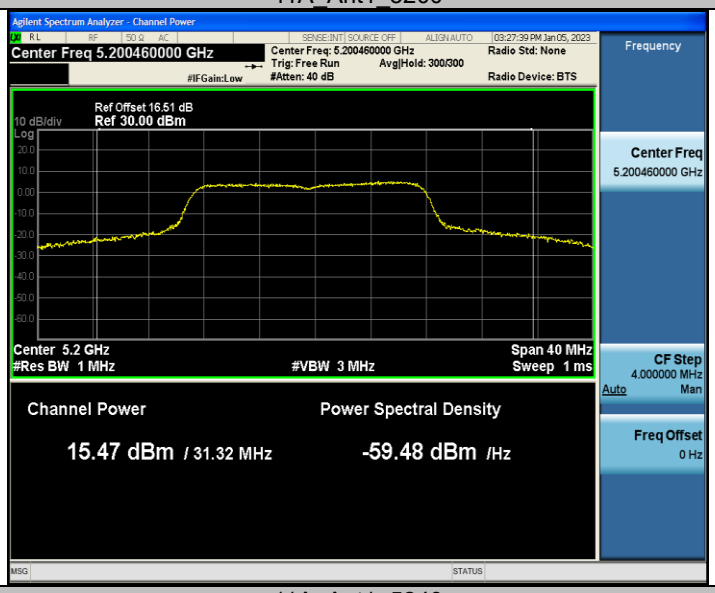
Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11A	Ant1	5745	8.54	20.64	6.85	15.39	≤30.00	2.30	17.69	PASS
		5785	8.08	19.86	7.02	15.10	≤30.00	2.30	17.4	PASS
		5825	8.39	20.64	6.85	15.24	≤30.00	2.30	17.54	PASS
11N20SISO	Ant1	5745	6.24	19.18	7.17	13.41	≤30.00	2.30	15.71	PASS
		5785	7.11	18.93	7.23	14.34	≤30.00	2.30	16.64	PASS
		5825	6.18	19.30	7.14	13.32	≤30.00	2.30	15.62	PASS
11N40SISO	Ant1	5755	3.84	9.48	10.23	14.07	≤30.00	2.30	16.37	PASS
		5795	3.23	7.88	11.03	14.26	≤30.00	2.30	16.56	PASS
11AC20SISO	Ant1	5745	4.95	19.15	7.18	12.13	≤30.00	2.30	14.43	PASS
		5785	5.46	19.42	7.12	12.58	≤30.00	2.30	14.88	PASS
		5825	5.15	19.62	7.07	12.22	≤30.00	2.30	14.52	PASS
11AC40SISO	Ant1	5755	1.56	9.68	10.14	11.70	≤30.00	2.30	14	PASS
		5795	1.85	11.27	9.48	11.33	≤30.00	2.30	13.63	PASS
11AC80SISO	Ant1	5775	-2.52	4.52	13.45	10.93	≤30.00	2.30	13.23	PASS

Note：The Duty Cycle Factor is compensated in the graph.
U-NII-1: 1.17dBi, U-NII-3: 2.30dBi

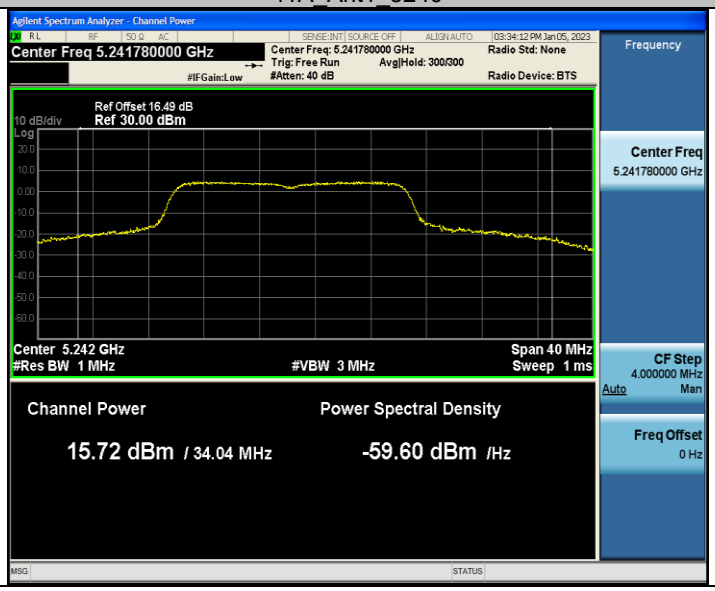
Test Graphs

11A_Ant1_5180

11A_Ant1_5200



11A_Ant1_5240



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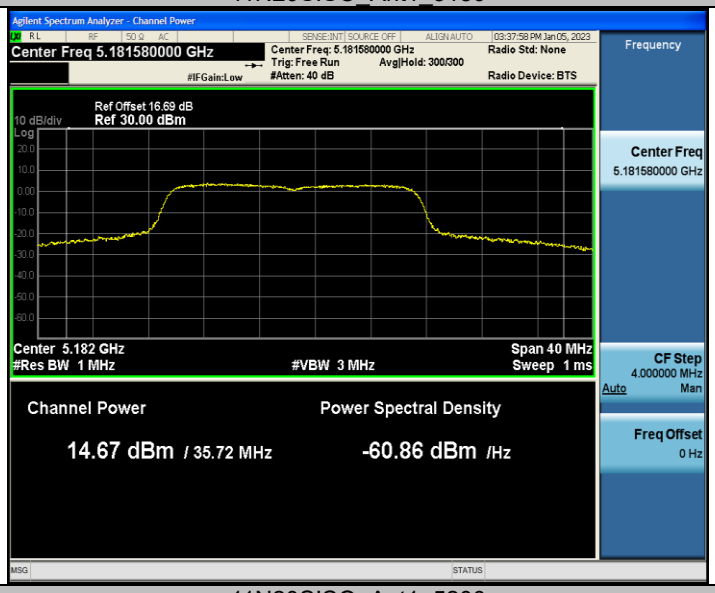
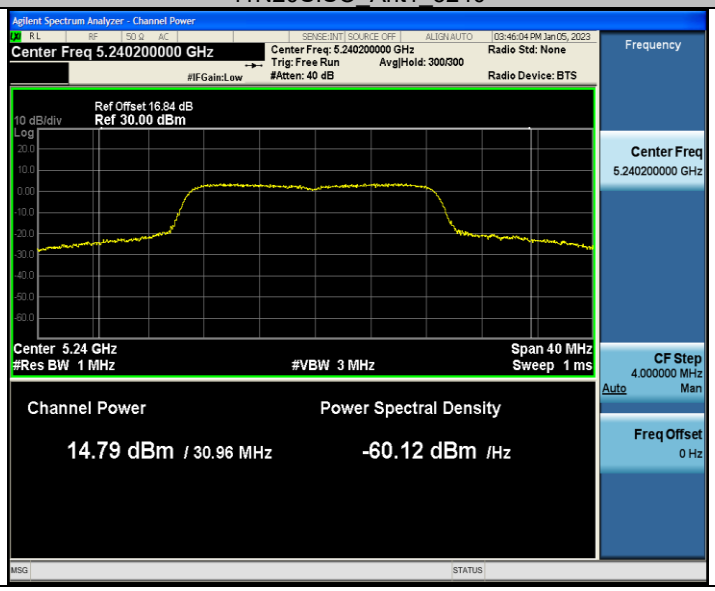


11N20SISO_Ant1_5200

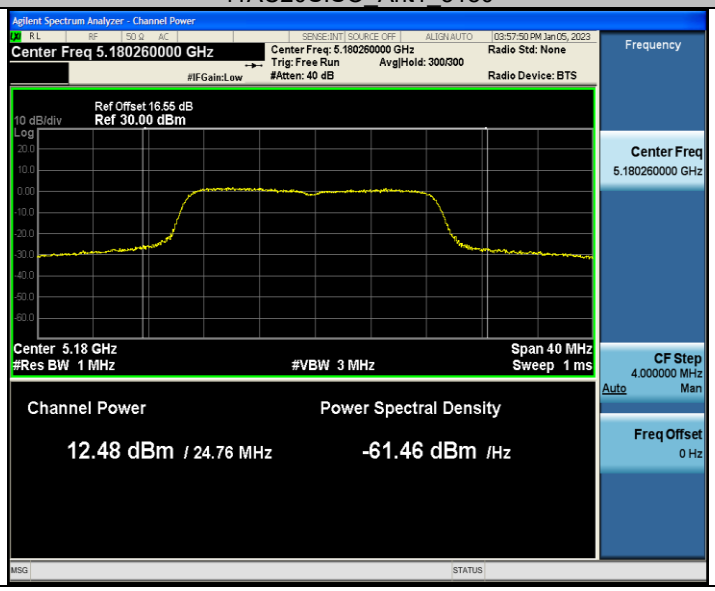
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190

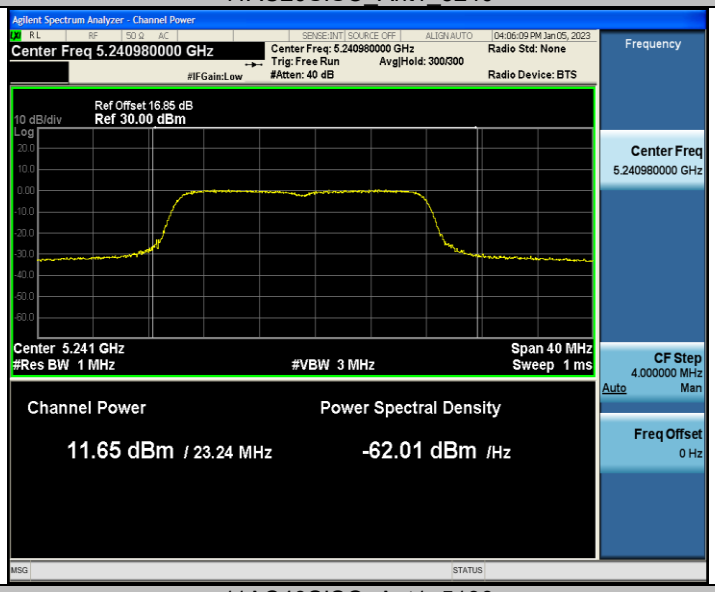
11N40SISO_Ant1_5230

11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

11AC20SISO_Ant1_5240



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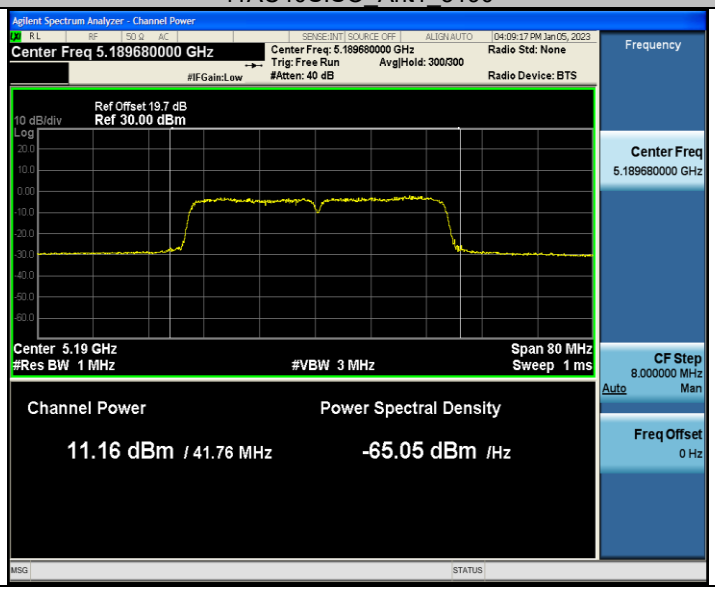
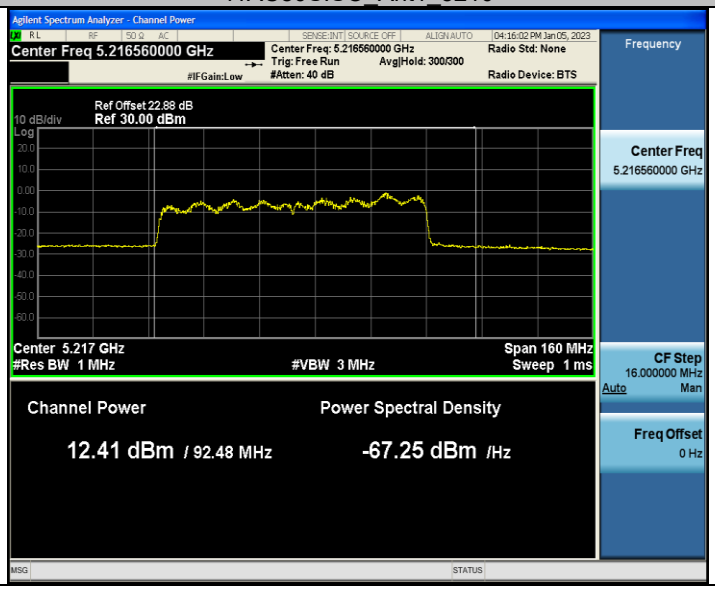
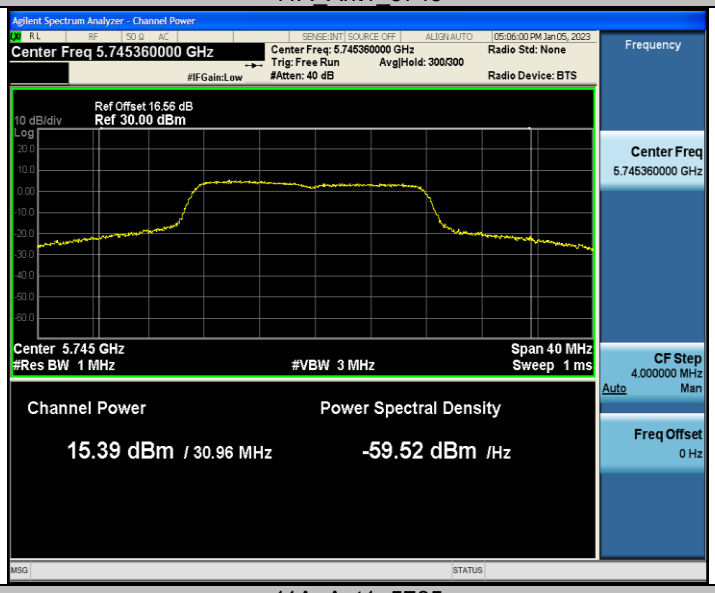


11AC40SISO_Ant1_5230

11AC80SISO_Ant1_5210



11A_Ant1_5745



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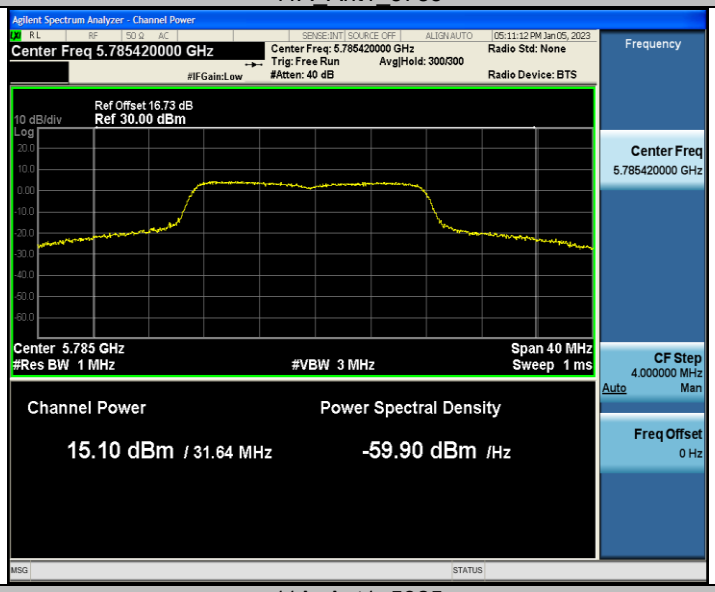
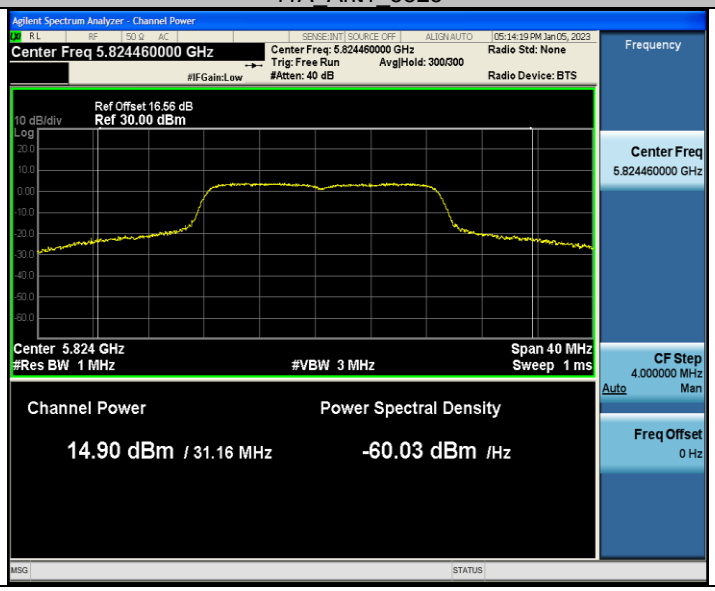
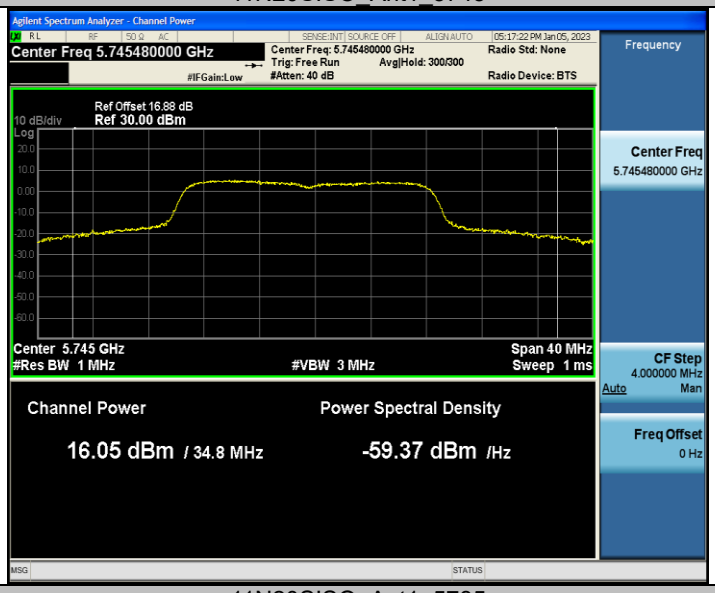


11A_Ant1_5825



11N20SISO_Ant1_5745



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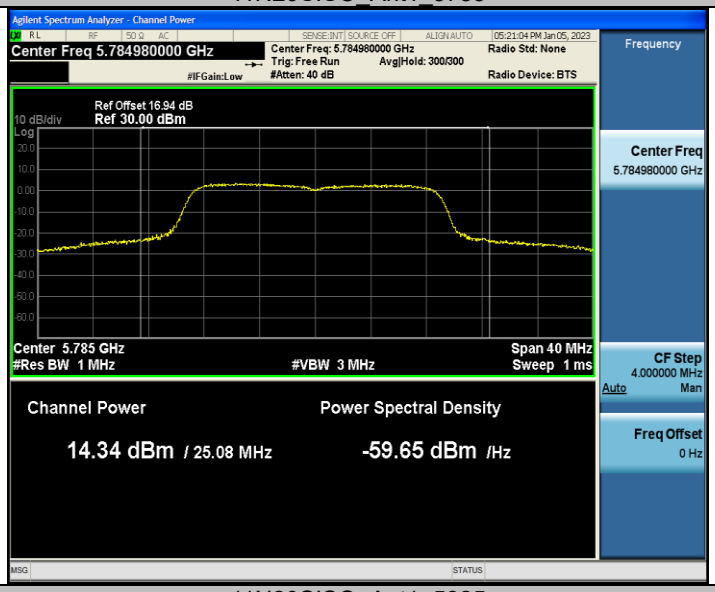

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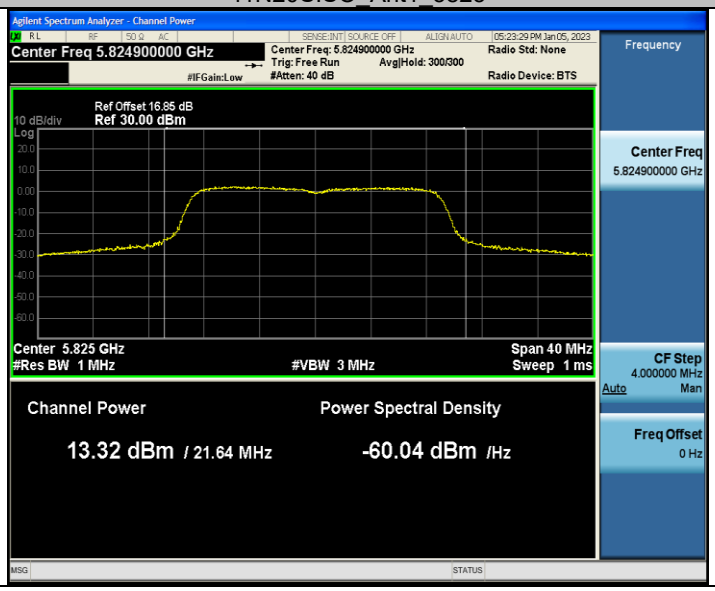
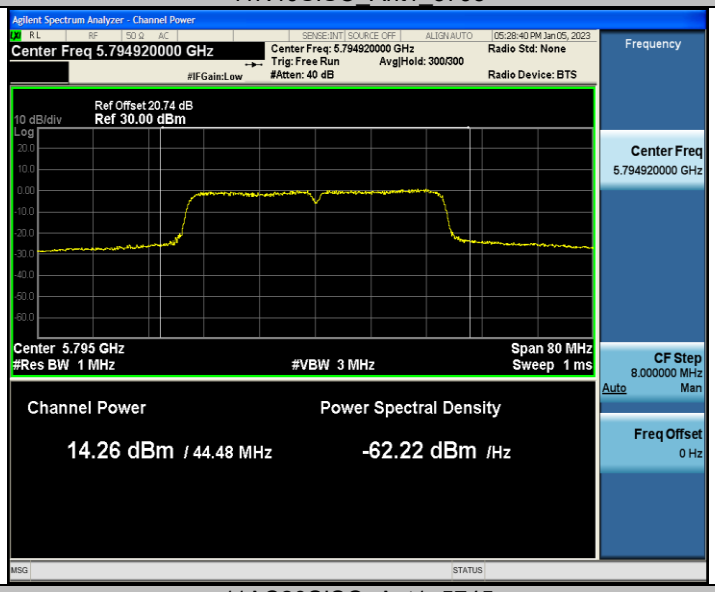


11N40SISO_Ant1_5755

11N40SISO_Ant1_5795



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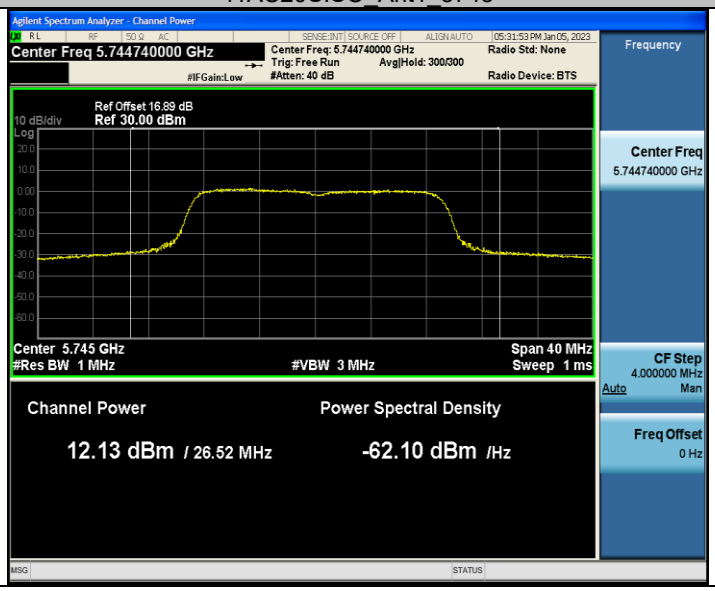

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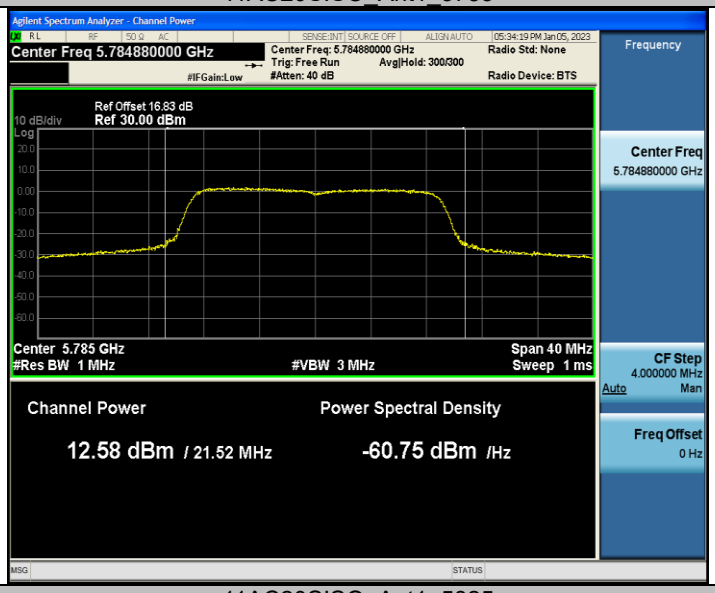

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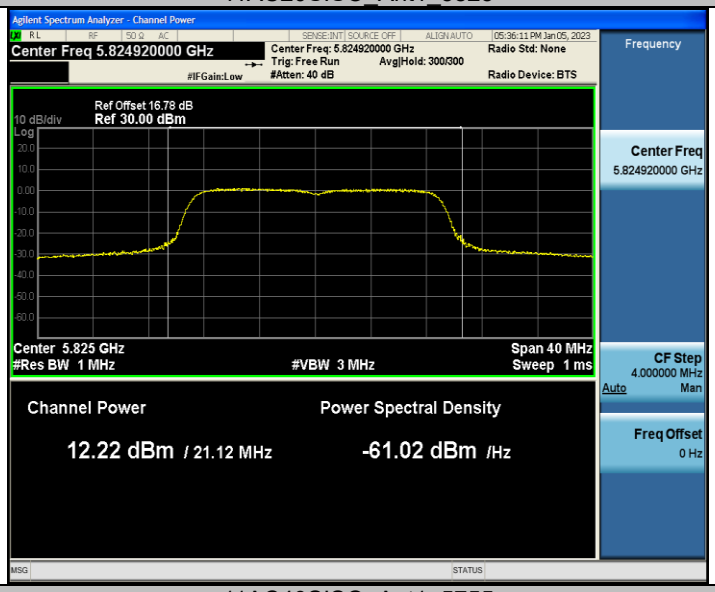

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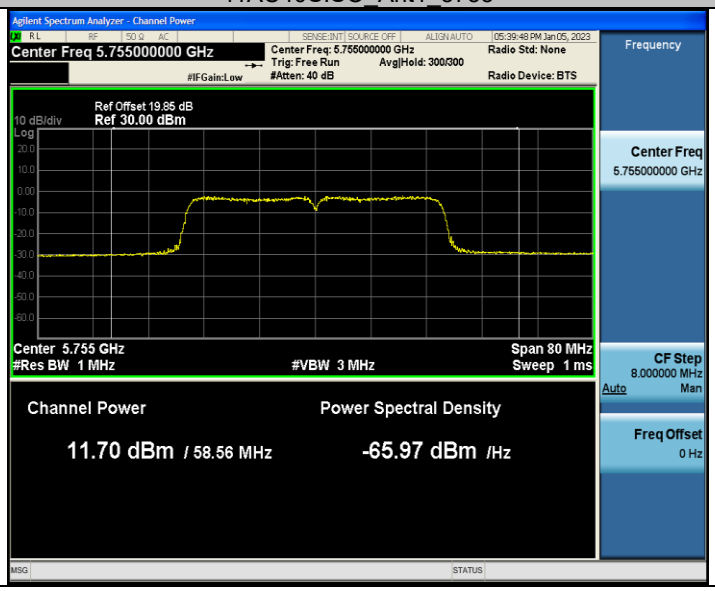

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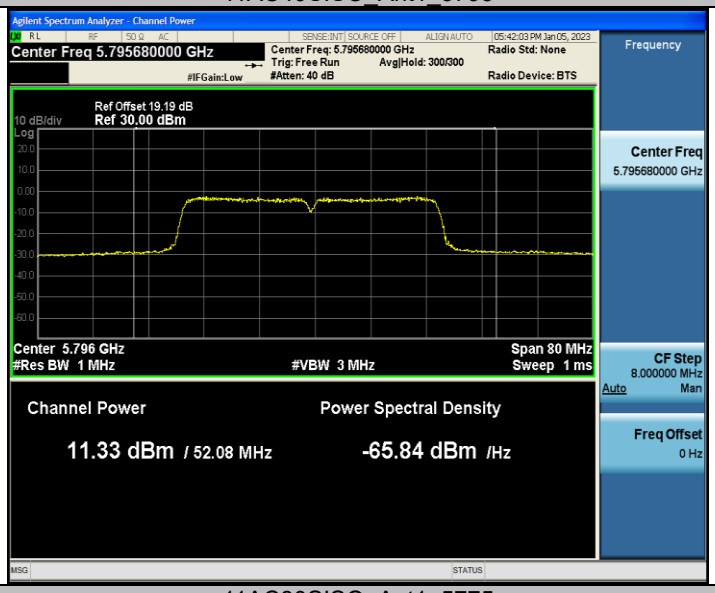
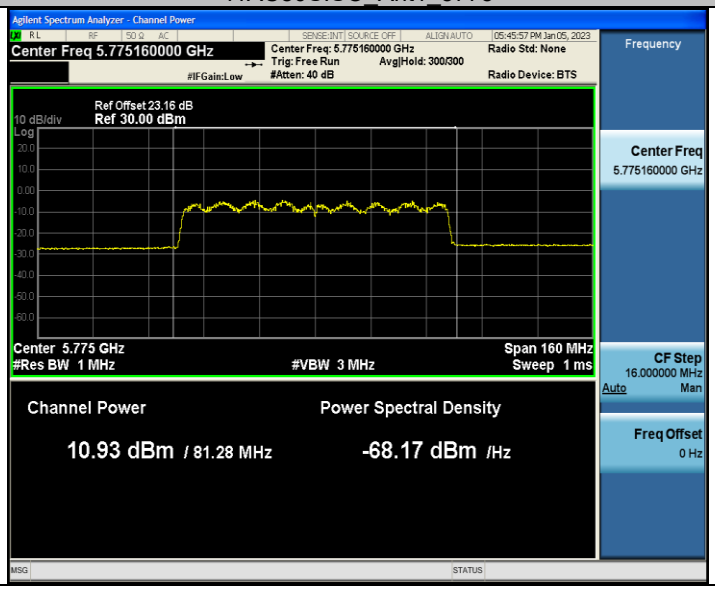


11AC80SISO_Ant1_5775



Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	4.62	≤11.00	PASS
		5200	4.76	≤11.00	PASS
		5240	5.61	≤11.00	PASS
11N20SISO	Ant1	5180	4.77	≤11.00	PASS
		5200	5.18	≤11.00	PASS
		5240	3.65	≤11.00	PASS
11N40SISO	Ant1	5190	1.39	≤11.00	PASS
		5230	1.68	≤11.00	PASS
11AC20SISO	Ant1	5180	2.59	≤11.00	PASS
		5200	2.31	≤11.00	PASS
		5240	1.86	≤11.00	PASS
11AC40SISO	Ant1	5190	-0.46	≤11.00	PASS
		5230	-0.24	≤11.00	PASS
11AC80SISO	Ant1	5210	-0.18	≤11.00	PASS

Test Mode	Antenna	Frequency [MHz]	Result [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A	Ant1	5745	3.79	≤30.00	PASS
		5785	3.07	≤30.00	PASS
		5825	3.04	≤30.00	PASS
11N20SISO	Ant1	5745	0.84	≤30.00	PASS
		5785	0.35	≤30.00	PASS
		5825	0.91	≤30.00	PASS
11N40SISO	Ant1	5755	-0.72	≤30.00	PASS
		5795	-0.52	≤30.00	PASS
11AC20SISO	Ant1	5745	-0.15	≤30.00	PASS
		5785	-1.38	≤30.00	PASS
		5825	-0.93	≤30.00	PASS
11AC40SISO	Ant1	5755	-2.43	≤30.00	PASS
		5795	-3.66	≤30.00	PASS
11AC80SISO	Ant1	5775	-7.71	≤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.