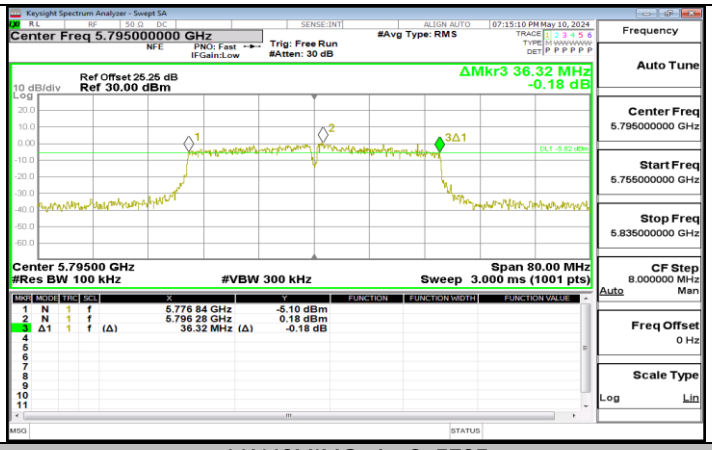
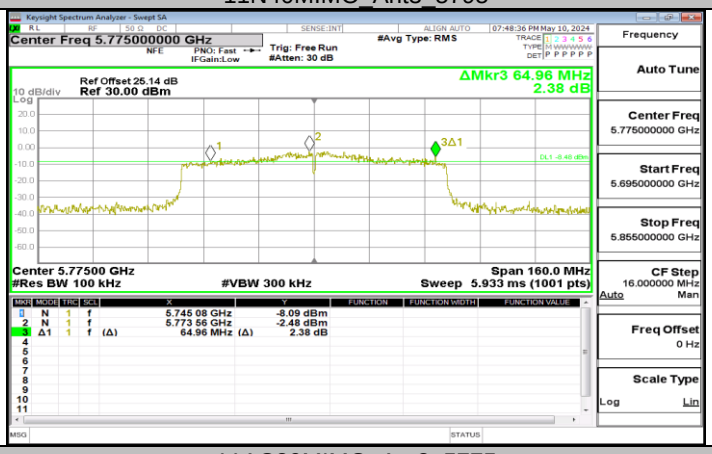
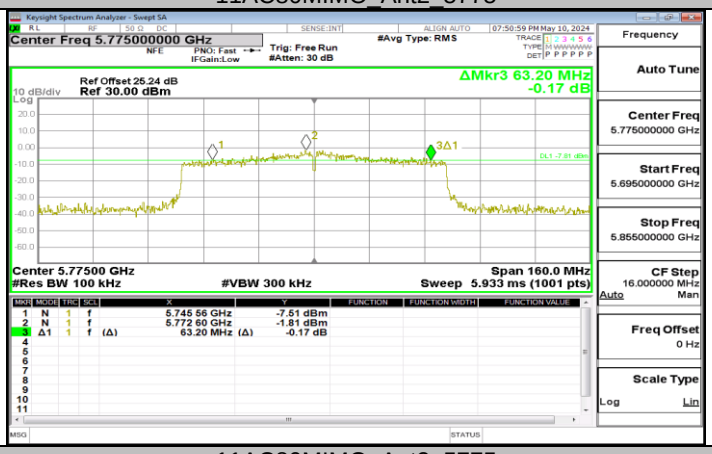


11N40MIMO_Ant3_5795



11AC80MIMO_Ant2_5775



11AC80MIMO_Ant3_5775

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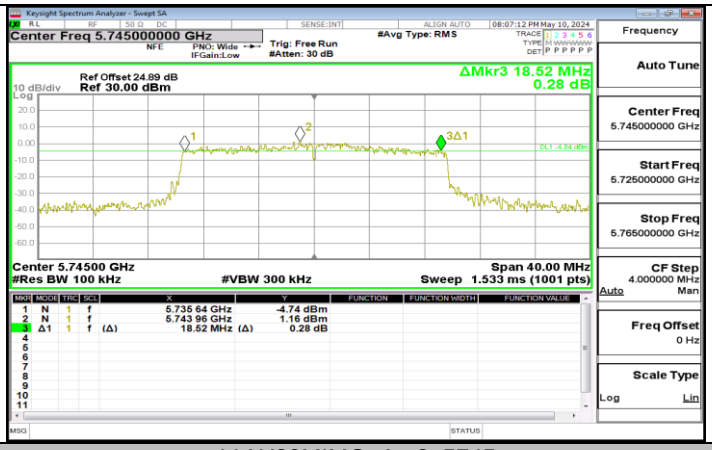
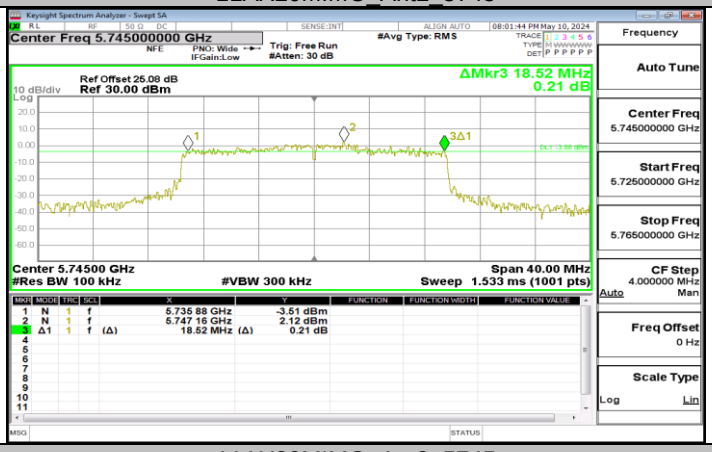


11AX20MIMO_Ant2_5745



11AX20MIMO_Ant3_5745

11AX20MIMO_Ant2_5785

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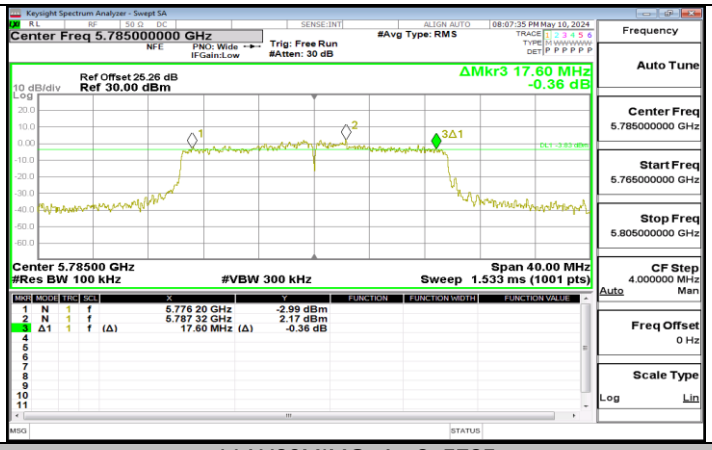
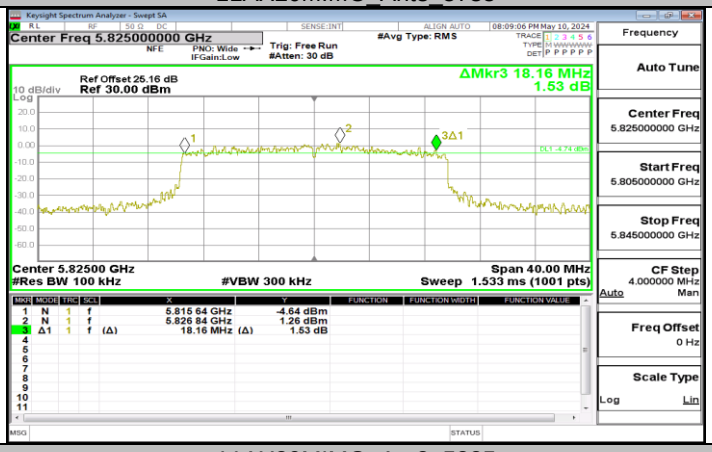
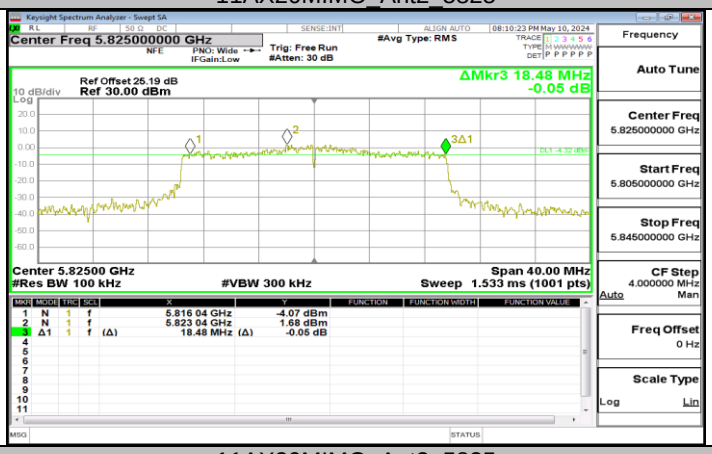


11AX20MIMO_Ant3_5785



11AX20MIMO_Ant2_5825



11AX20MIMO_Ant3_5825

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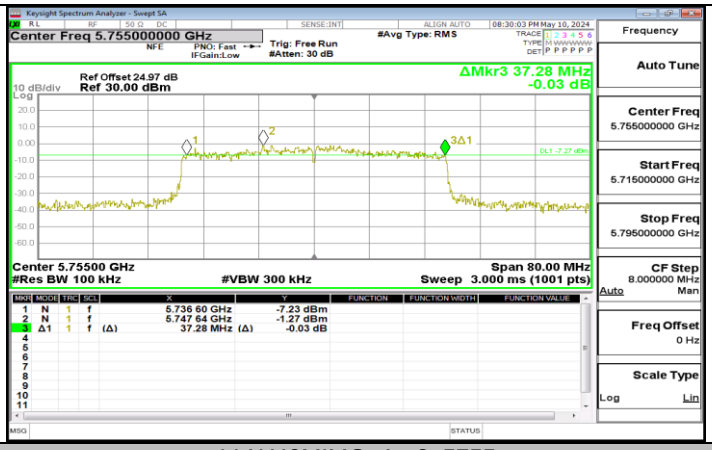
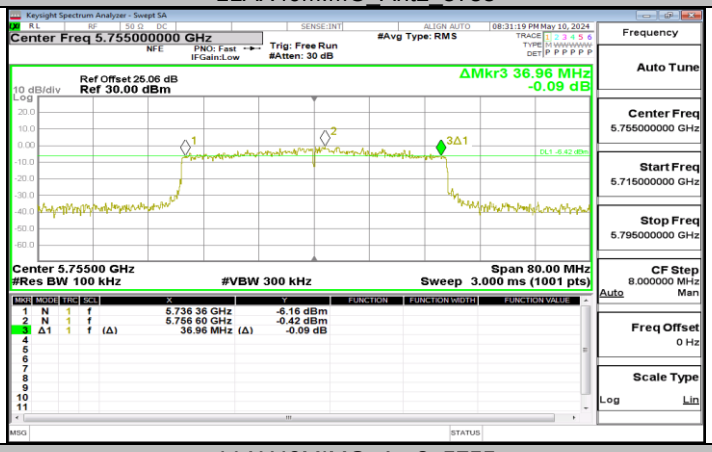


11AX40MIMO_Ant2_5755



11AX40MIMO_Ant3_5755

11AX40MIMO_Ant2_5795

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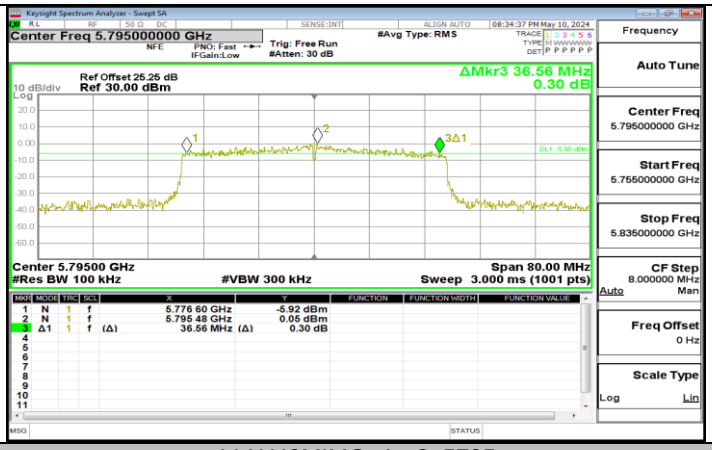
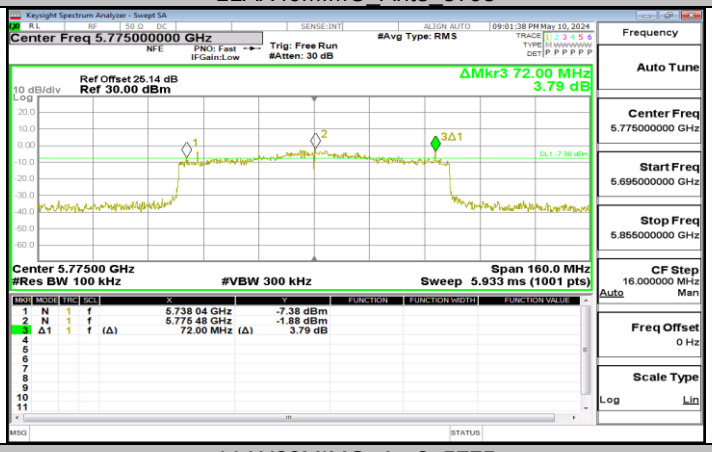
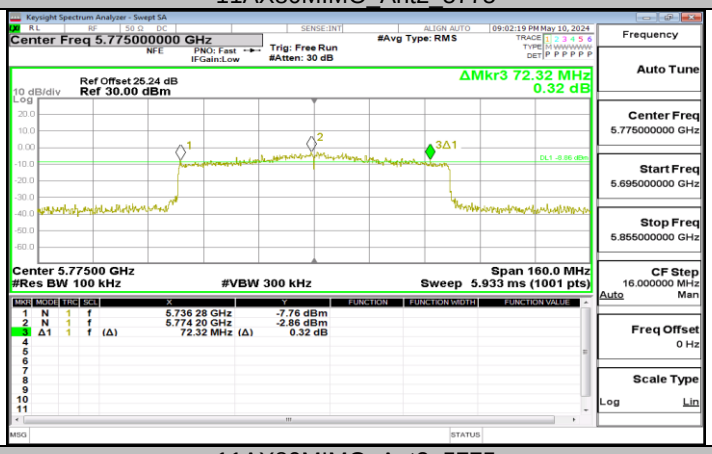


11AX40MIMO_Ant3_5795



11AX80MIMO_Ant2_5775



11AX80MIMO_Ant3_5775

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11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	Verdict
11A	Ant2	5180	16.22	≤23.98	PASS
	Ant3	5180	17.26	≤23.98	PASS
	Ant2	5200	16.14	≤23.98	PASS
	Ant3	5200	17.28	≤23.98	PASS
	Ant2	5240	15.90	≤23.98	PASS
	Ant3	5240	16.51	≤23.98	PASS
	Ant2	5745	16.87	≤30.00	PASS
	Ant3	5745	17.85	≤30.00	PASS
	Ant2	5785	17.66	≤30.00	PASS
	Ant3	5785	17.85	≤30.00	PASS
	Ant2	5825	17.34	≤30.00	PASS
	Ant3	5825	17.20	≤30.00	PASS
11N20MIMO	Ant2	5180	14.31	≤23.98	PASS
	Ant3	5180	15.76	≤23.98	PASS
	total	5180	18.11	≤23.98	PASS
	Ant2	5200	14.27	≤23.98	PASS
	Ant3	5200	15.85	≤23.98	PASS
	total	5200	18.14	≤23.98	PASS
	Ant2	5240	14.08	≤23.98	PASS
	Ant3	5240	15.02	≤23.98	PASS
	total	5240	17.59	≤23.98	PASS
	Ant2	5745	15.18	≤30.00	PASS
	Ant3	5745	16.27	≤30.00	PASS
	total	5745	18.77	≤30.00	PASS
	Ant2	5785	15.60	≤30.00	PASS
	Ant3	5785	16.05	≤30.00	PASS
	total	5785	18.84	≤30.00	PASS
	Ant2	5825	15.46	≤30.00	PASS
	Ant3	5825	15.71	≤30.00	PASS
	total	5825	18.60	≤30.00	PASS
11N40MIMO	Ant2	5190	15.34	≤23.98	PASS
	Ant3	5190	16.69	≤23.98	PASS
	total	5190	19.08	≤23.98	PASS
	Ant2	5230	15.20	≤23.98	PASS
	Ant3	5230	15.95	≤23.98	PASS
	total	5230	18.60	≤23.98	PASS
	Ant2	5755	16.32	≤30.00	PASS
	Ant3	5755	17.36	≤30.00	PASS
	total	5755	19.88	≤30.00	PASS
	Ant2	5795	17.06	≤30.00	PASS
	Ant3	5795	17.24	≤30.00	PASS
	total	5795	20.16	≤30.00	PASS
11AC80MIMO	Ant2	5210	15.47	≤23.98	PASS
	Ant3	5210	15.76	≤23.98	PASS
	total	5210	18.63	≤23.98	PASS
	Ant2	5775	16.64	≤30.00	PASS
	Ant3	5775	16.75	≤30.00	PASS
	total	5775	19.71	≤30.00	PASS
11AX20MIMO	Ant2	5180	14.83	≤23.98	PASS
	Ant3	5180	15.88	≤23.98	PASS
	total	5180	18.40	≤23.98	PASS
	Ant2	5200	14.67	≤23.98	PASS
	Ant3	5200	15.89	≤23.98	PASS
	total	5200	18.33	≤23.98	PASS
	Ant2	5240	14.52	≤23.98	PASS

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	Ant3	5240	15.10	≤23.98	PASS
	total	5240	17.83	≤23.98	PASS
	Ant2	5745	15.43	≤30.00	PASS
	Ant3	5745	16.27	≤30.00	PASS
	total	5745	18.88	≤30.00	PASS
	Ant2	5785	16.19	≤30.00	PASS
	Ant3	5785	16.35	≤30.00	PASS
	total	5785	19.28	≤30.00	PASS
	Ant2	5825	15.84	≤30.00	PASS
	Ant3	5825	15.76	≤30.00	PASS
	total	5825	18.81	≤30.00	PASS
11AX40MIMO	Ant2	5190	15.20	≤23.98	PASS
	Ant3	5190	16.27	≤23.98	PASS
	total	5190	18.78	≤23.98	PASS
	Ant2	5230	15.11	≤23.98	PASS
	Ant3	5230	15.45	≤23.98	PASS
	total	5230	18.29	≤23.98	PASS
	Ant2	5755	16.19	≤30.00	PASS
	Ant3	5755	16.73	≤30.00	PASS
	total	5755	19.48	≤30.00	PASS
	Ant2	5795	16.80	≤30.00	PASS
	Ant3	5795	16.62	≤30.00	PASS
	total	5795	19.72	≤30.00	PASS
11AX80MIMO	Ant2	5210	15.33	≤23.98	PASS
	Ant3	5210	15.64	≤23.98	PASS
	total	5210	18.50	≤23.98	PASS
	Ant2	5775	16.51	≤30.00	PASS
	Ant3	5775	16.66	≤30.00	PASS
	total	5775	19.60	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

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11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant2	5180	6.35	≤11.00	PASS
	Ant3	5180	7.51	≤11.00	PASS
	Ant2	5200	6.39	≤11.00	PASS
	Ant3	5200	7.60	≤11.00	PASS
	Ant2	5240	6.14	≤11.00	PASS
	Ant3	5240	6.87	≤11.00	PASS
	Ant2	5745	4.12	≤30.00	PASS
	Ant3	5745	5.31	≤30.00	PASS
	Ant2	5785	5.28	≤30.00	PASS
	Ant3	5785	5.32	≤30.00	PASS
	Ant2	5825	4.96	≤30.00	PASS
	Ant3	5825	4.84	≤30.00	PASS
11N20MIMO	Ant2	5180	4.54	≤11.00	PASS
	Ant3	5180	5.77	≤11.00	PASS
	total	5180	8.21	≤11.00	PASS
	Ant2	5200	4.50	≤11.00	PASS
	Ant3	5200	5.77	≤11.00	PASS
	total	5200	8.19	≤11.00	PASS
	Ant2	5240	4.18	≤11.00	PASS
	Ant3	5240	5.34	≤11.00	PASS
	total	5240	7.81	≤11.00	PASS
	Ant2	5745	2.67	≤30.00	PASS
	Ant3	5745	3.60	≤30.00	PASS
	total	5745	6.17	≤30.00	PASS
	Ant2	5785	2.86	≤30.00	PASS
	Ant3	5785	3.53	≤30.00	PASS
	total	5785	6.22	≤30.00	PASS
	Ant2	5825	2.69	≤30.00	PASS
	Ant3	5825	3.45	≤30.00	PASS
	total	5825	6.10	≤30.00	PASS
11N40MIMO	Ant2	5190	2.80	≤11.00	PASS
	Ant3	5190	3.83	≤11.00	PASS
	total	5190	6.36	≤11.00	PASS
	Ant2	5230	2.53	≤11.00	PASS
	Ant3	5230	2.91	≤11.00	PASS
	total	5230	5.73	≤11.00	PASS
	Ant2	5755	0.91	≤30.00	PASS
	Ant3	5755	1.91	≤30.00	PASS
	total	5755	4.45	≤30.00	PASS
	Ant2	5795	1.71	≤30.00	PASS
	Ant3	5795	2.12	≤30.00	PASS
	total	5795	4.93	≤30.00	PASS
11AC80MIMO	Ant2	5210	0.43	≤11.00	PASS
	Ant3	5210	0.54	≤11.00	PASS
	total	5210	3.50	≤11.00	PASS
	Ant2	5775	-1.39	≤30.00	PASS
	Ant3	5775	-1.14	≤30.00	PASS
	total	5775	1.75	≤30.00	PASS
11AX20MIMO	Ant2	5180	5.04	≤11.00	PASS
	Ant3	5180	5.74	≤11.00	PASS
	total	5180	8.41	≤11.00	PASS
	Ant2	5200	4.54	≤11.00	PASS
	Ant3	5200	5.75	≤11.00	PASS
	total	5200	8.20	≤11.00	PASS
	Ant2	5240	4.44	≤11.00	PASS

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	Ant3	5240	5.13	≤11.00	PASS
	total	5240	7.81	≤11.00	PASS
	Ant2	5745	2.77	≤30.00	PASS
	Ant3	5745	3.95	≤30.00	PASS
	total	5745	6.41	≤30.00	PASS
	Ant2	5785	3.46	≤30.00	PASS
	Ant3	5785	3.85	≤30.00	PASS
	total	5785	6.67	≤30.00	PASS
	Ant2	5825	3.08	≤30.00	PASS
	Ant3	5825	3.28	≤30.00	PASS
	total	5825	6.19	≤30.00	PASS
11AX40MIMO	Ant2	5190	2.66	≤11.00	PASS
	Ant3	5190	3.40	≤11.00	PASS
	total	5190	6.06	≤11.00	PASS
	Ant2	5230	2.57	≤11.00	PASS
	Ant3	5230	2.65	≤11.00	PASS
	total	5230	5.62	≤11.00	PASS
	Ant2	5755	0.63	≤30.00	PASS
	Ant3	5755	1.33	≤30.00	PASS
	total	5755	4.00	≤30.00	PASS
	Ant2	5795	1.30	≤30.00	PASS
	Ant3	5795	1.21	≤30.00	PASS
	total	5795	4.27	≤30.00	PASS
11AX80MIMO	Ant2	5210	0.32	≤11.00	PASS
	Ant3	5210	0.24	≤11.00	PASS
	total	5210	3.29	≤11.00	PASS
	Ant2	5775	-1.23	≤30.00	PASS
	Ant3	5775	-1.09	≤30.00	PASS
	total	5775	1.85	≤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.

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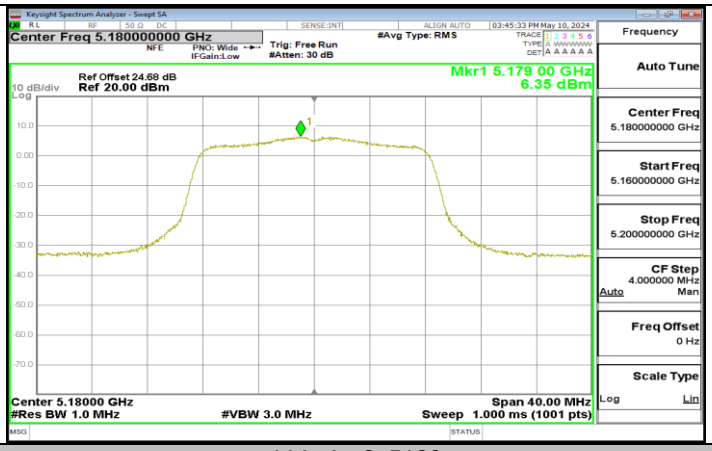
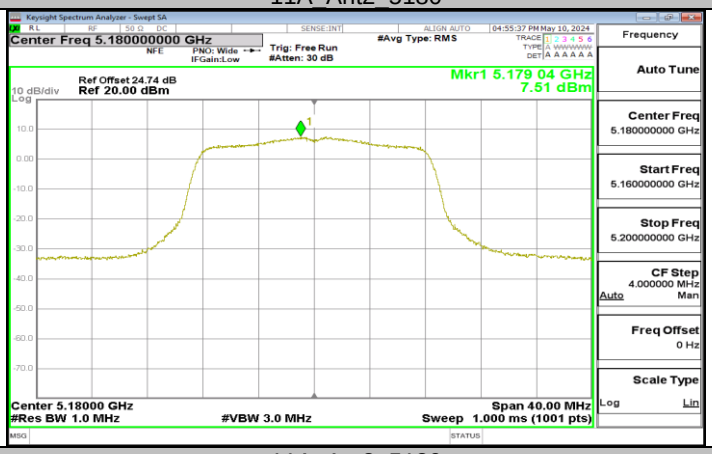
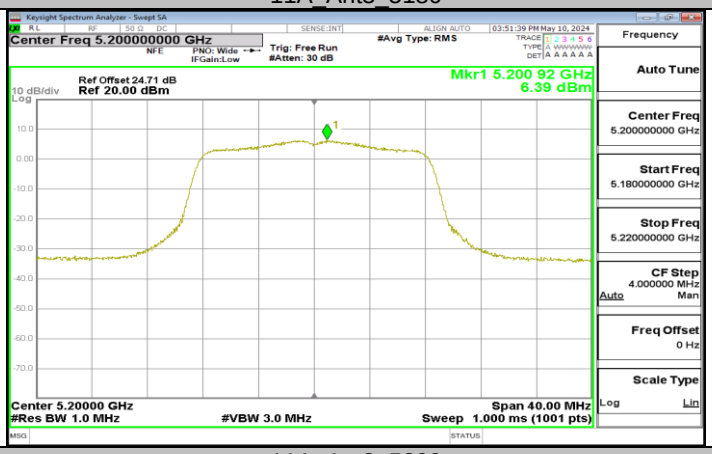
11.5.2. Test Graphs



11A_Ant2_5180



11A_Ant3_5180



11A_Ant2_5200

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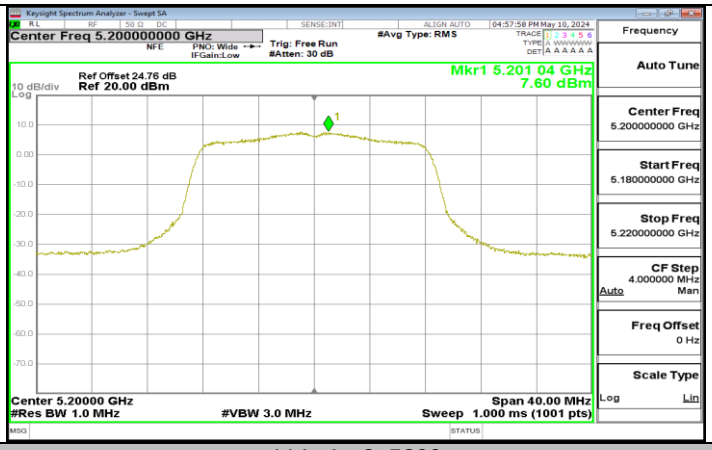

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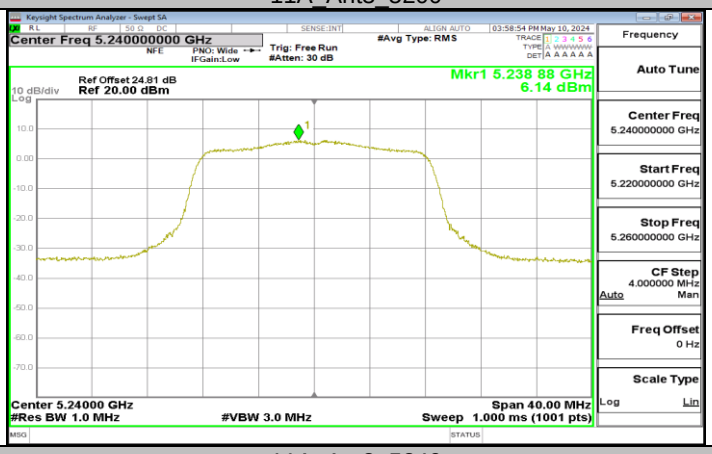

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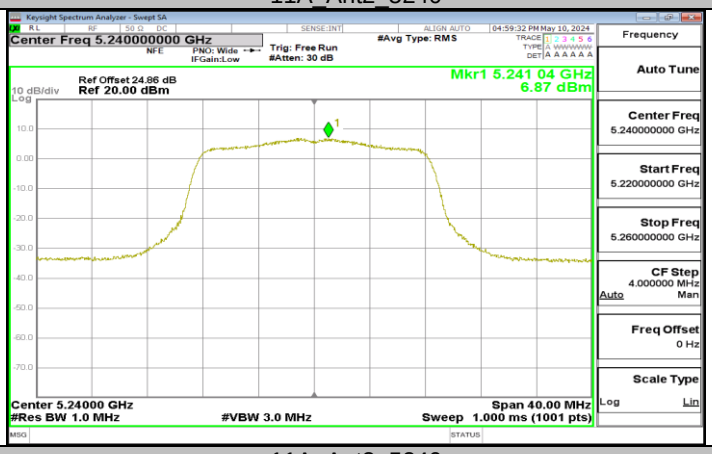

11A_Ant3_5240

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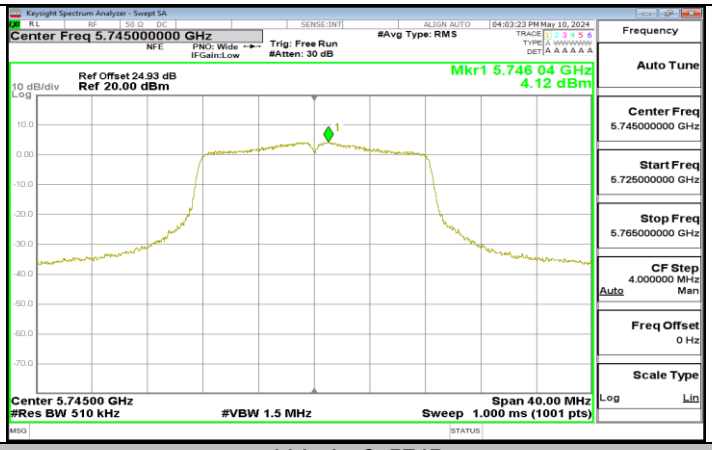
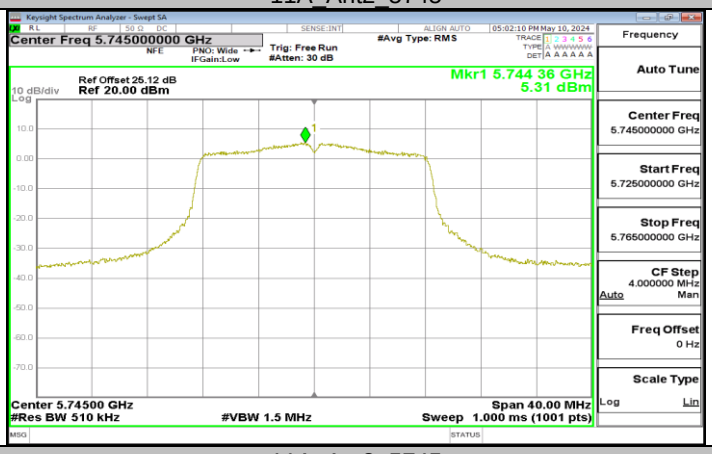
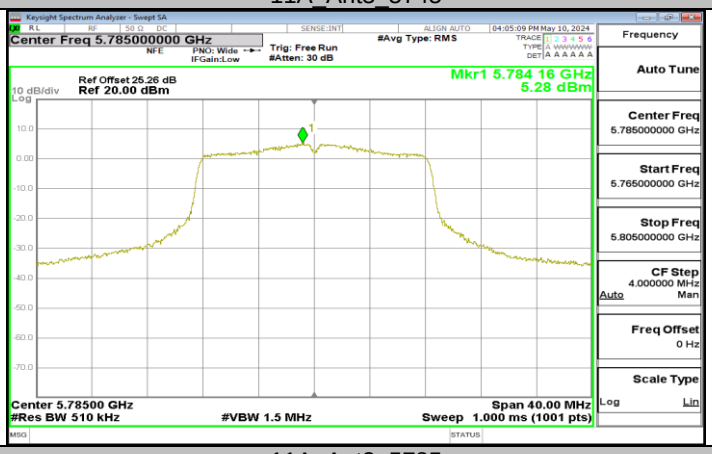


11A_Ant2_5745



11A_Ant3_5745



11A_Ant2_5785

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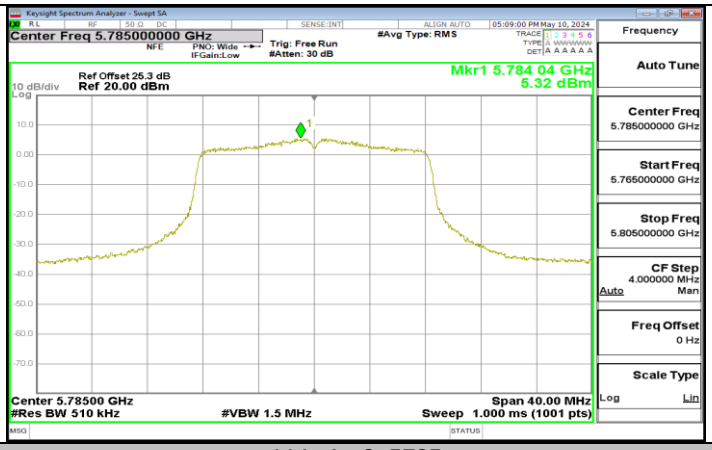
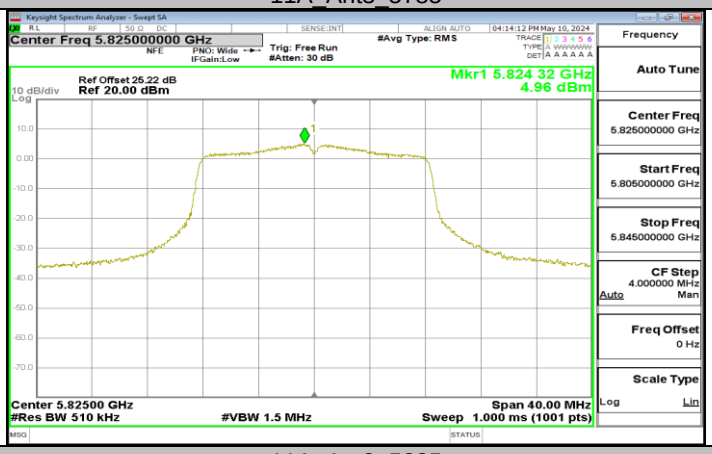
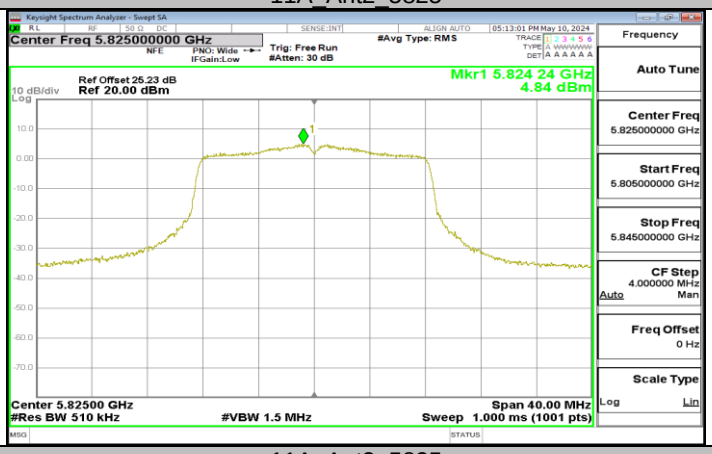


11A_Ant3_5785



11A_Ant2_5825



11A_Ant3_5825

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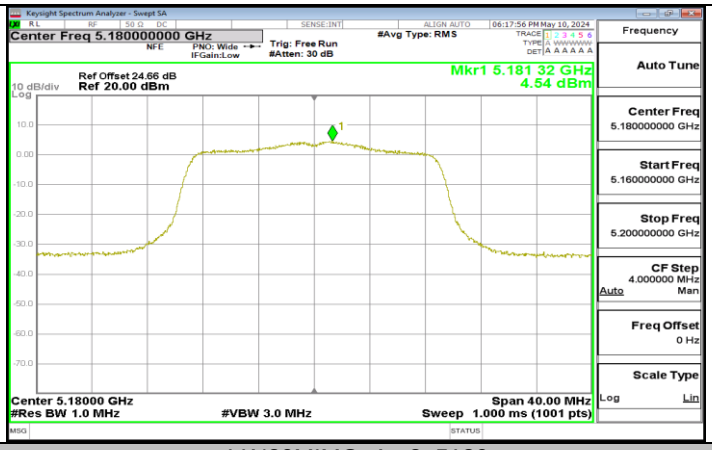
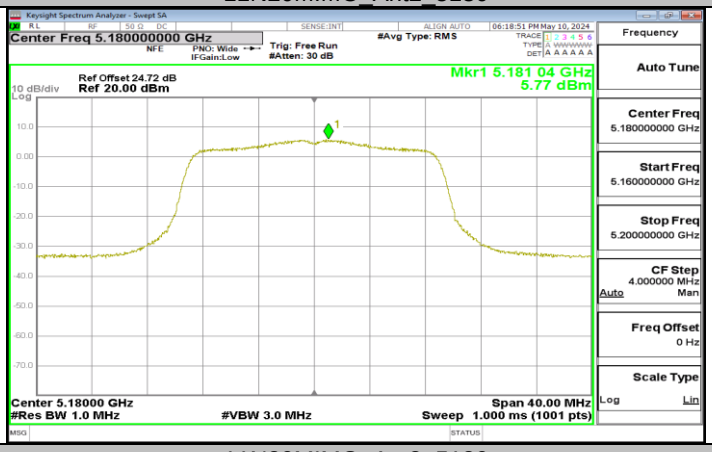
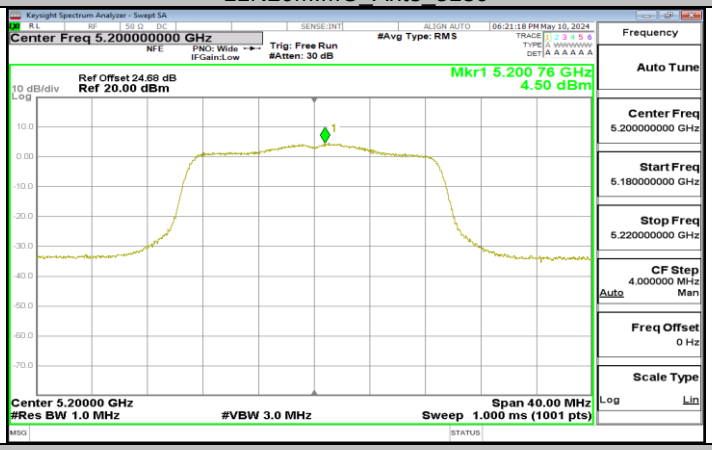


11N20MIMO_Ant2_5180



11N20MIMO_Ant3_5180



11N20MIMO_Ant2_5200

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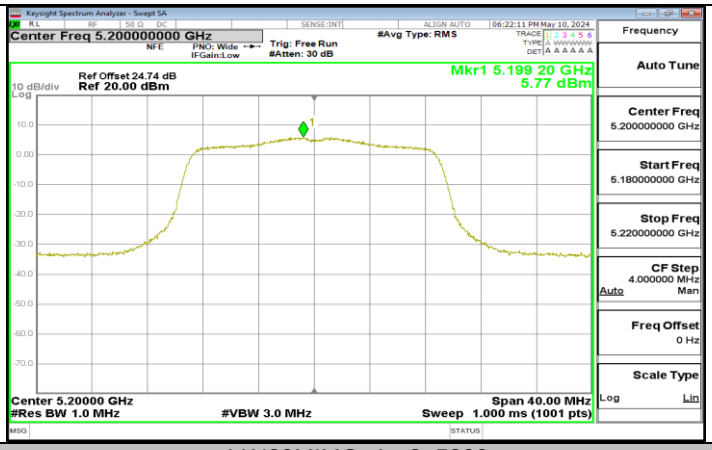

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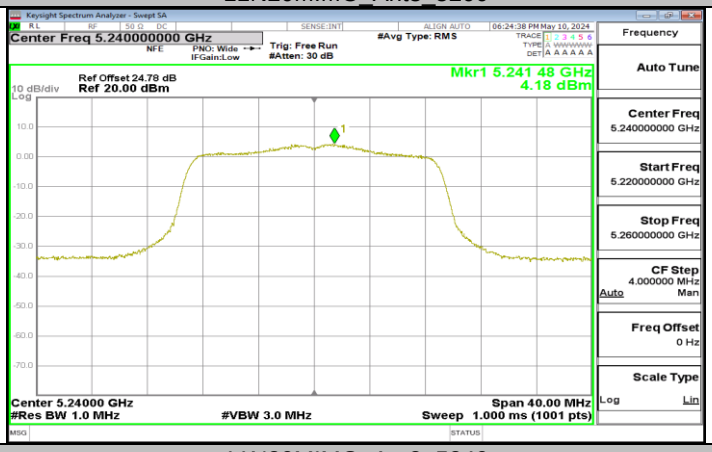

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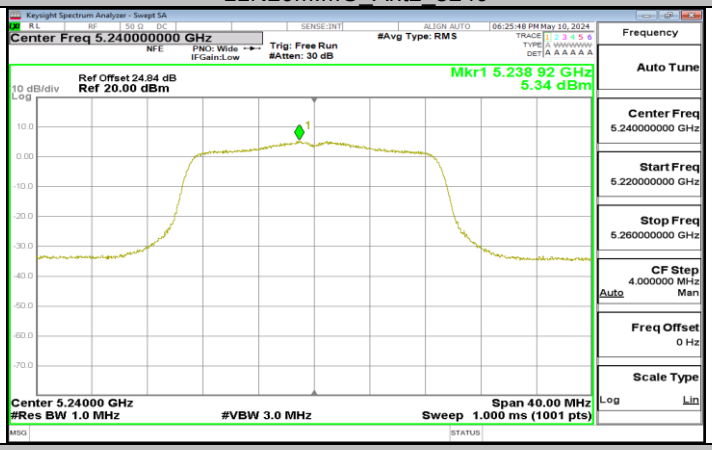

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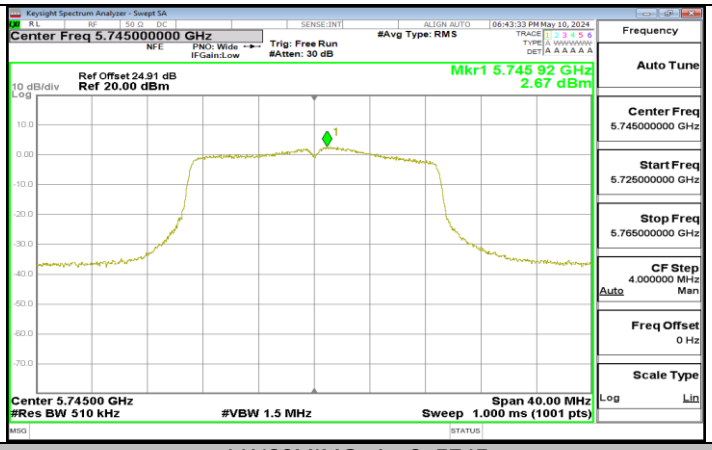

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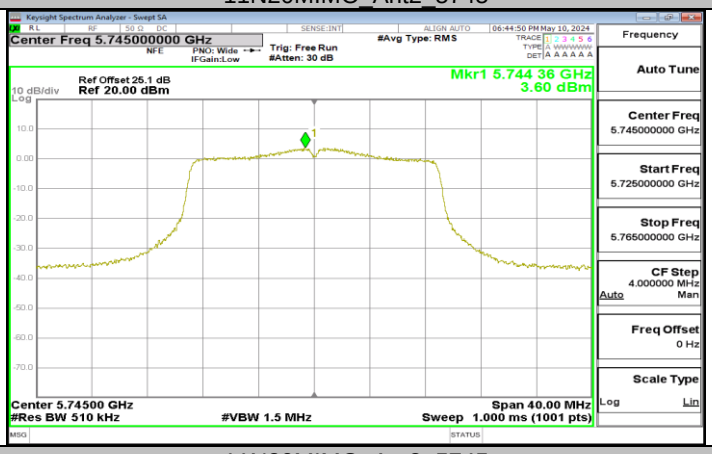

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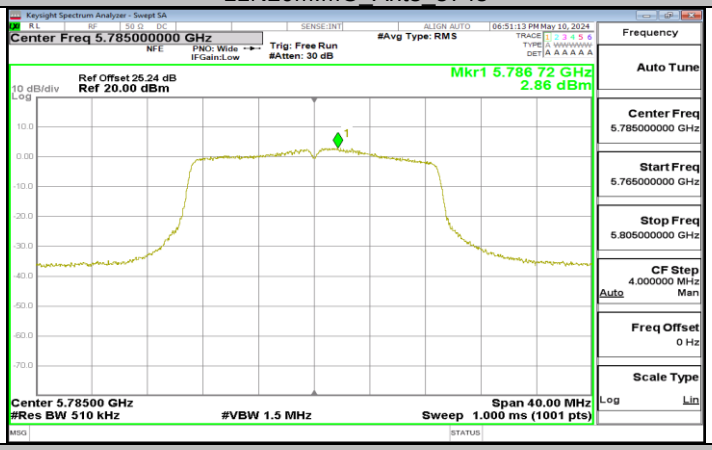

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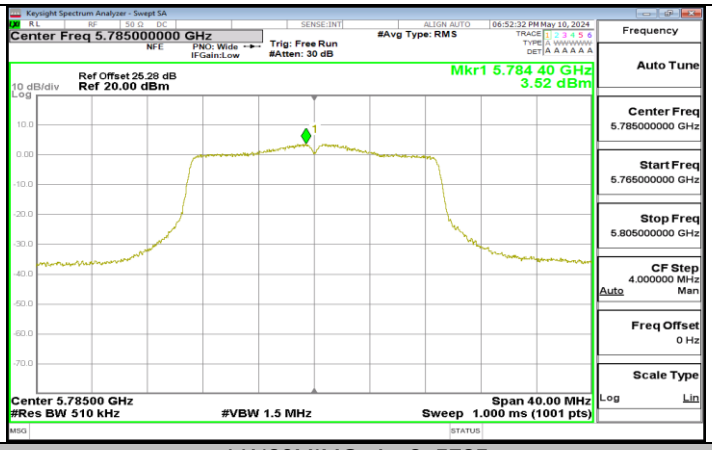

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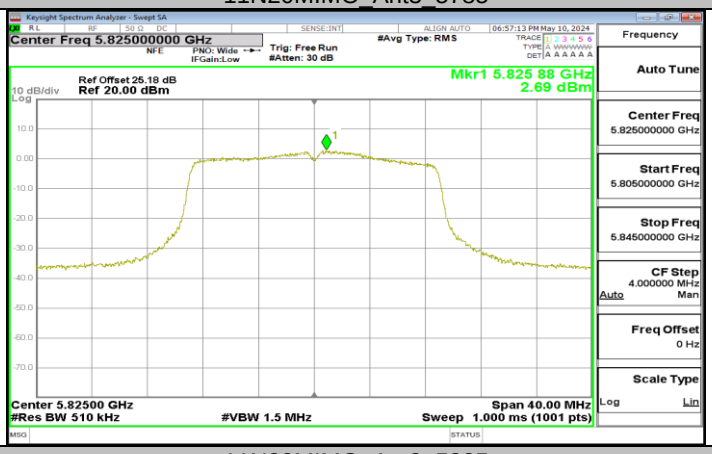

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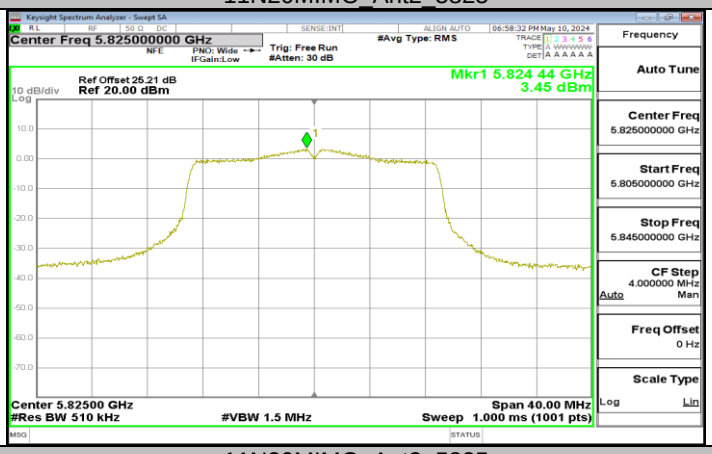

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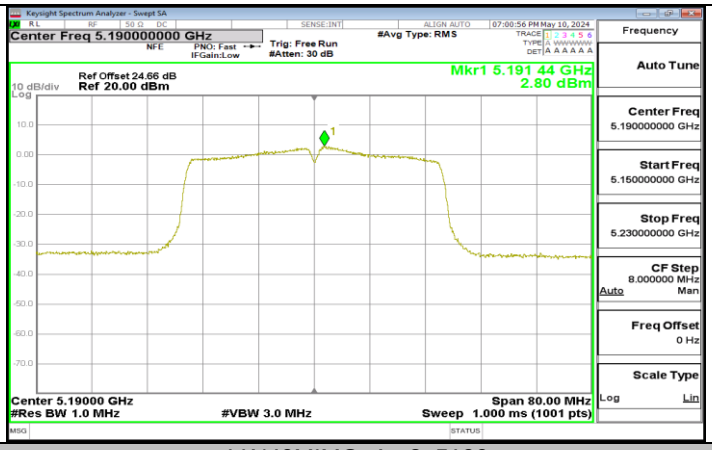

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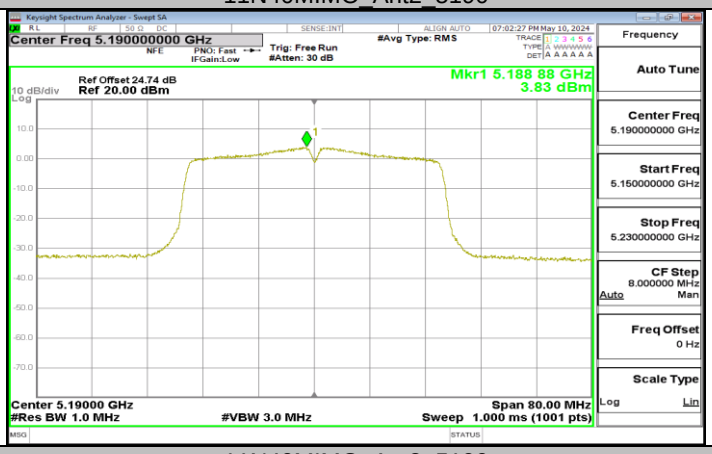

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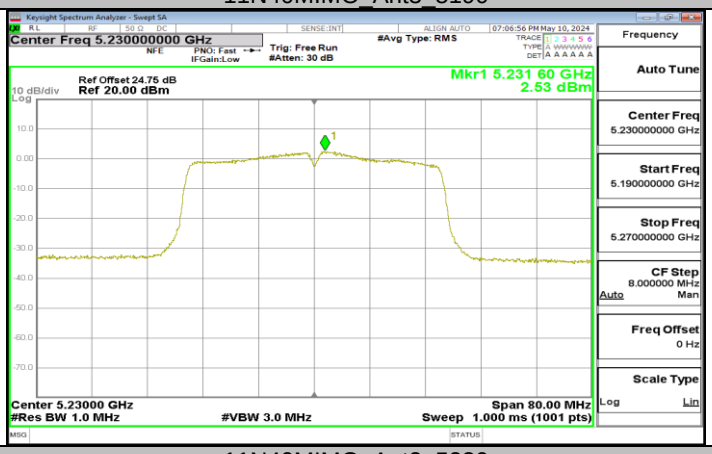

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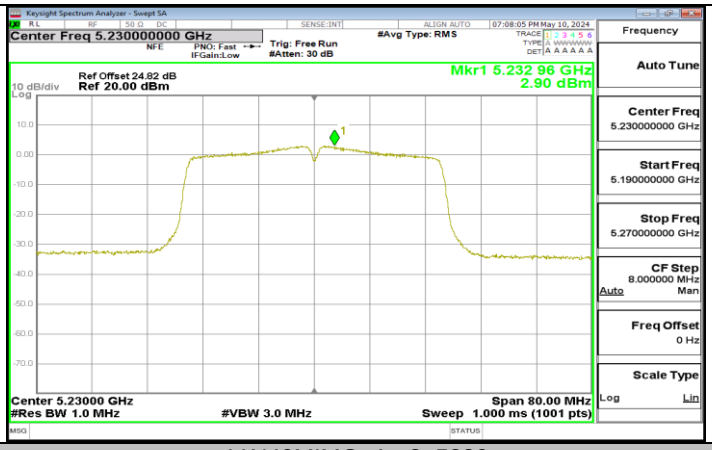

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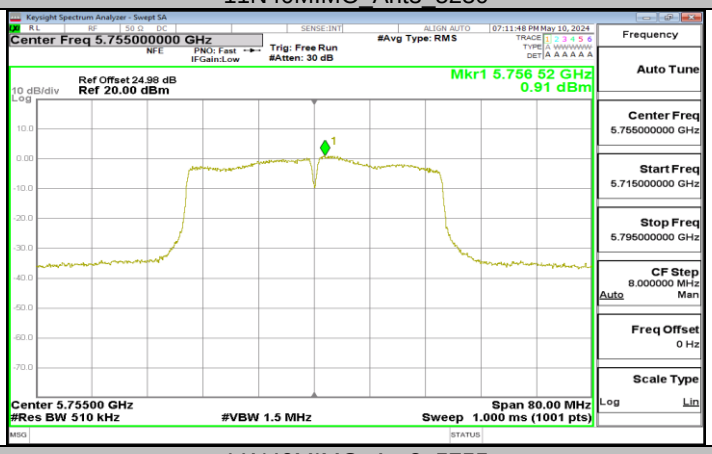

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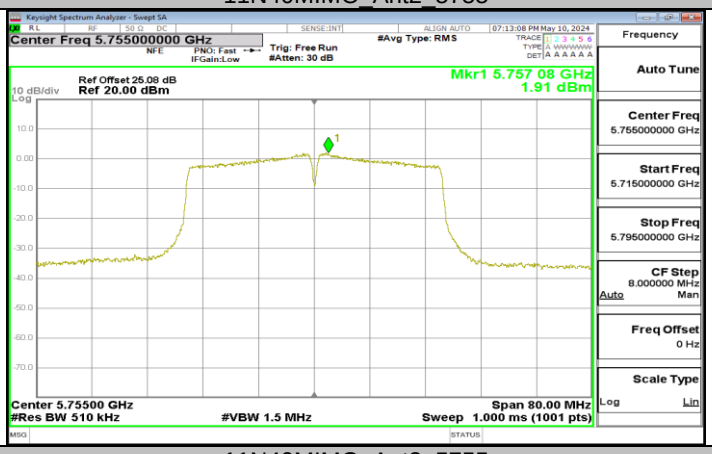

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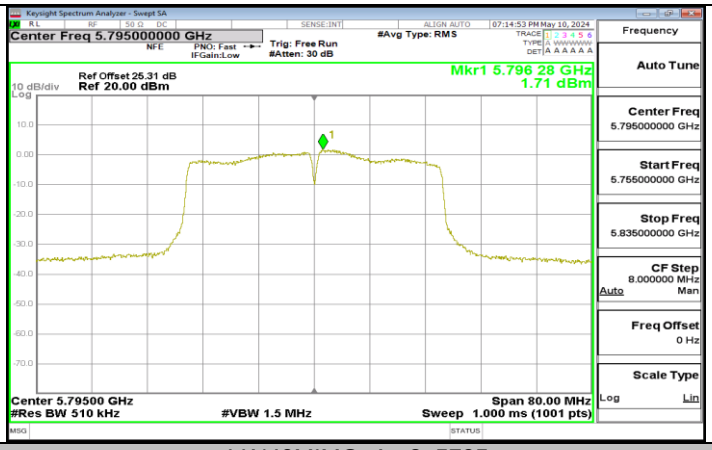

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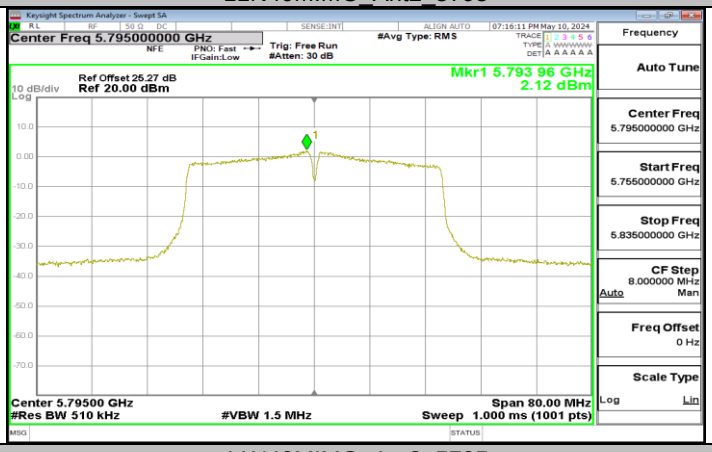

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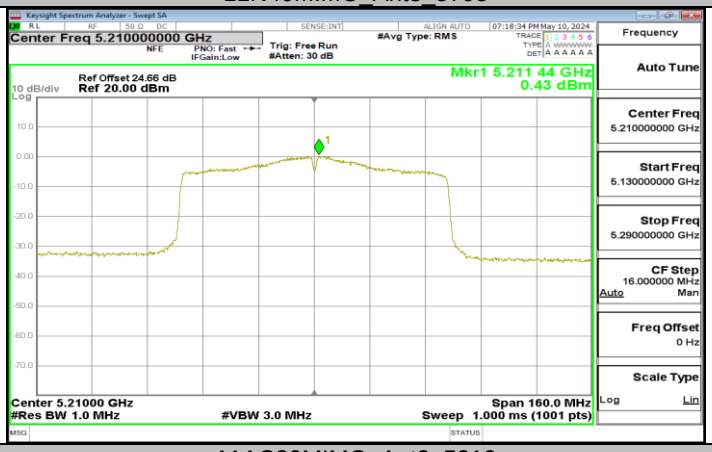

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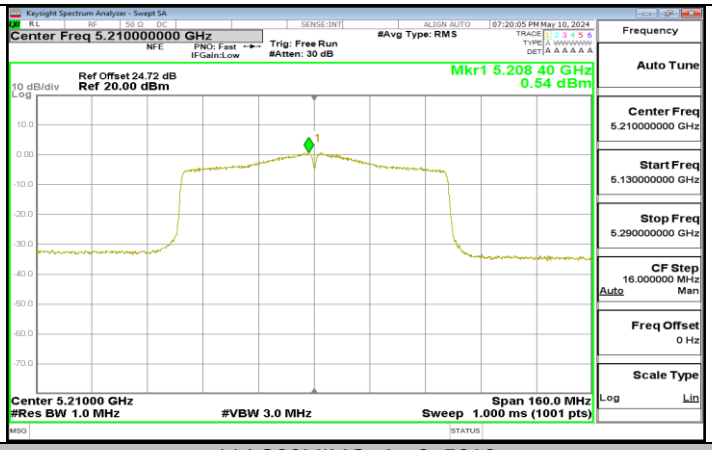

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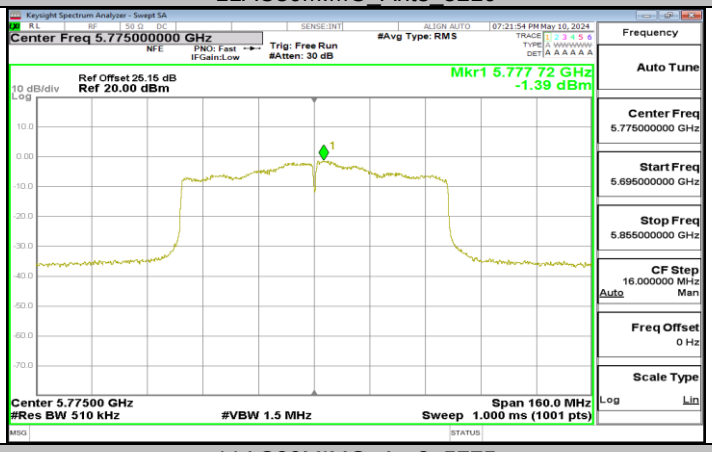

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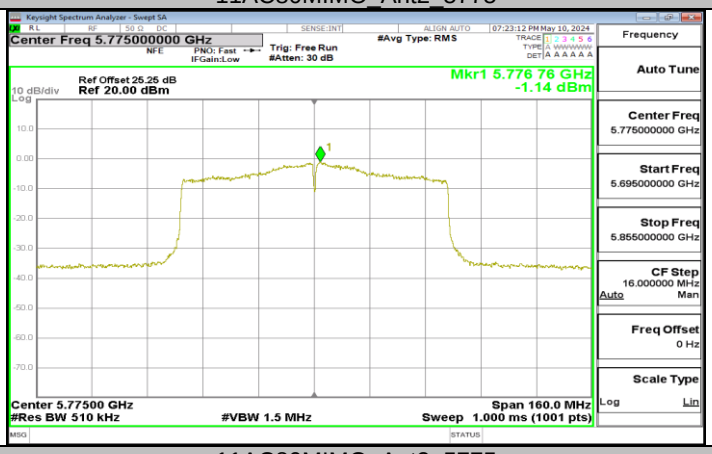

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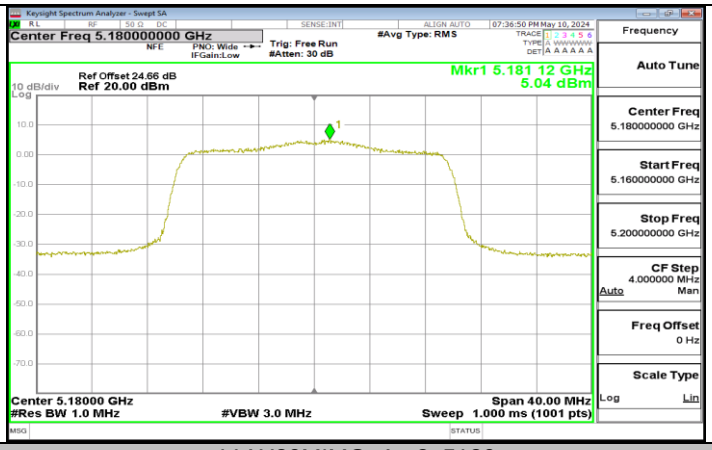

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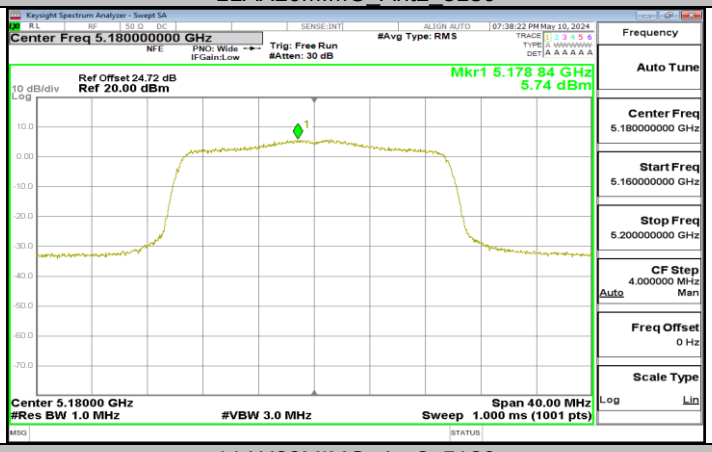

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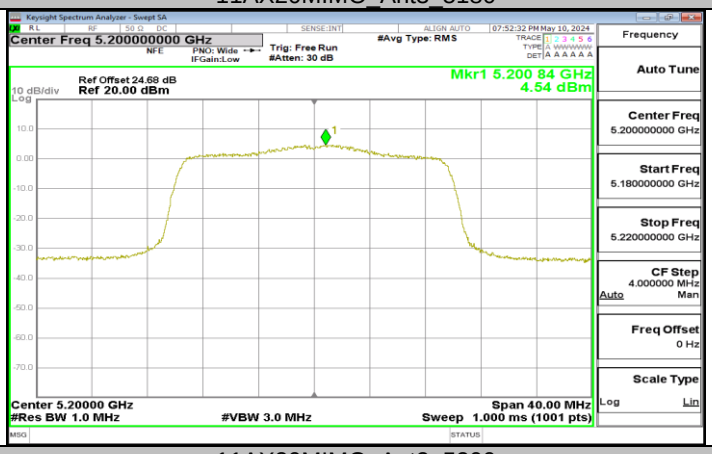

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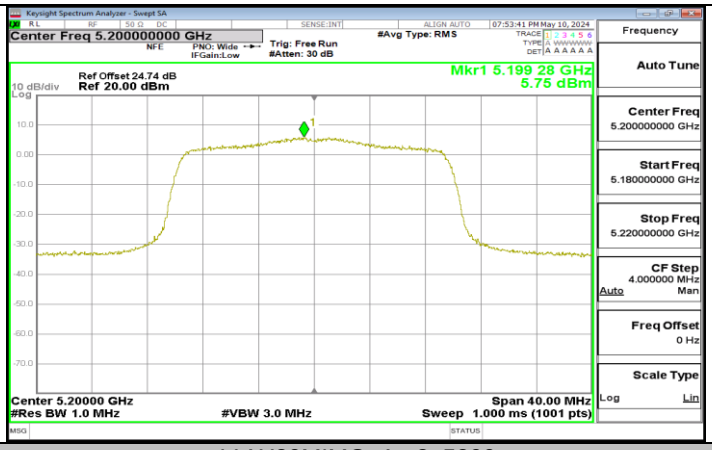

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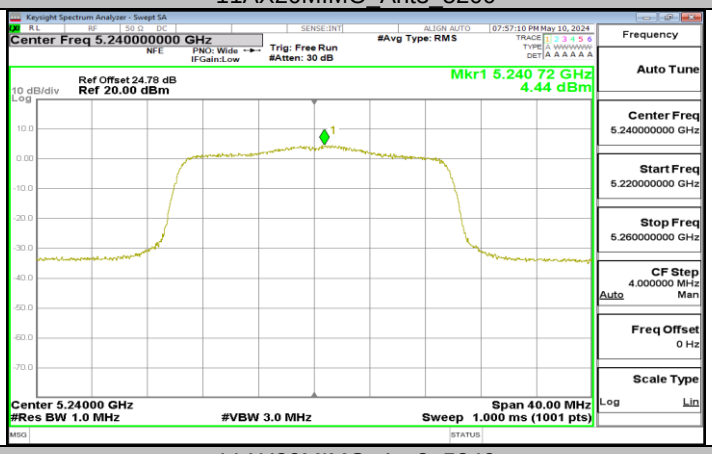

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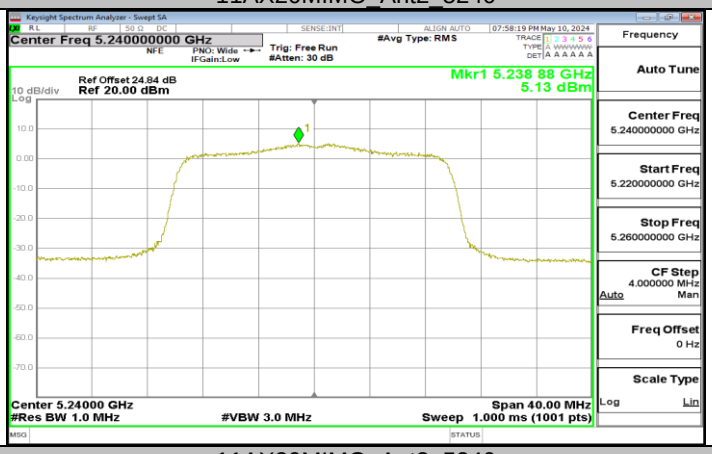

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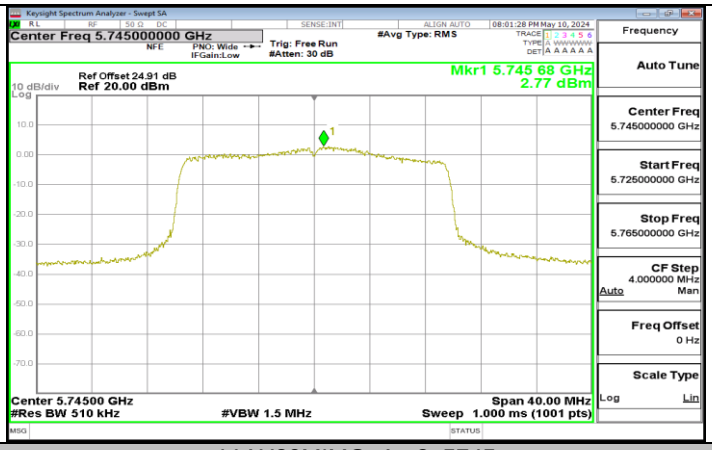

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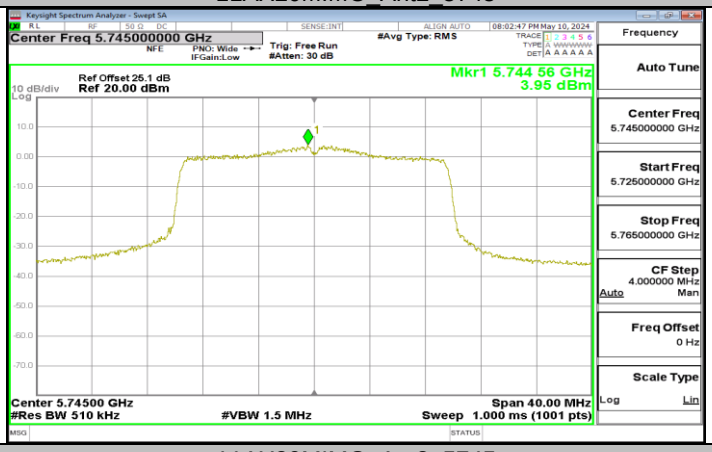

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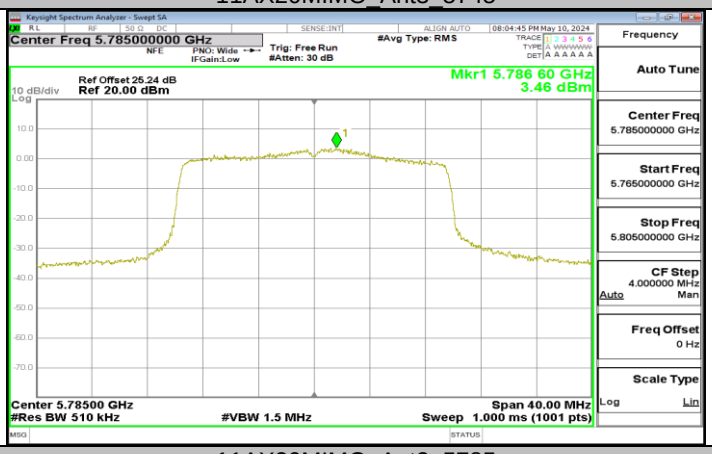

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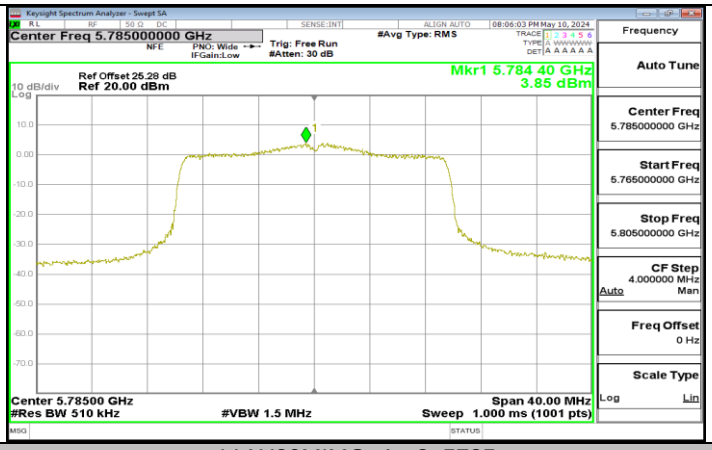

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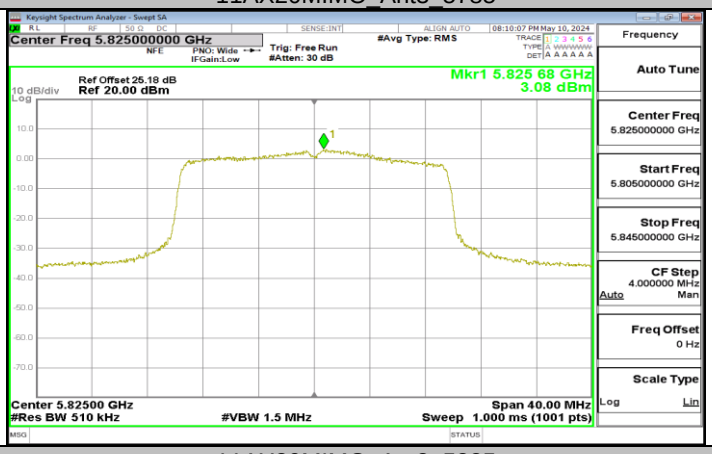

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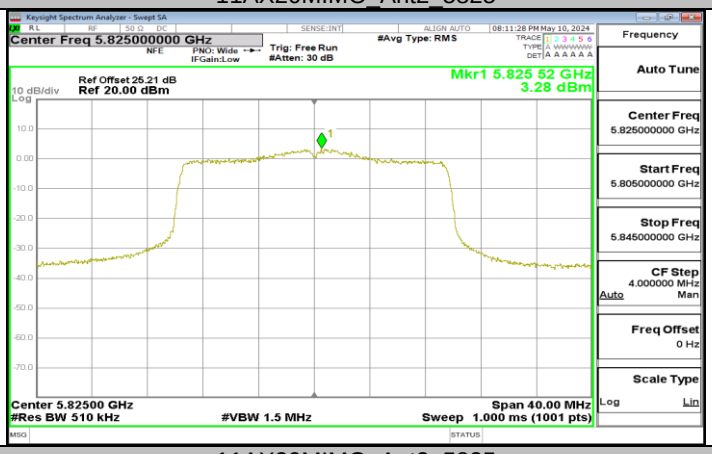

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