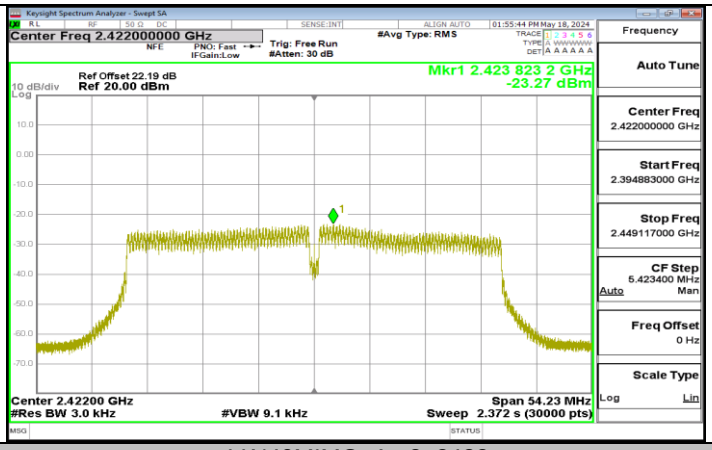

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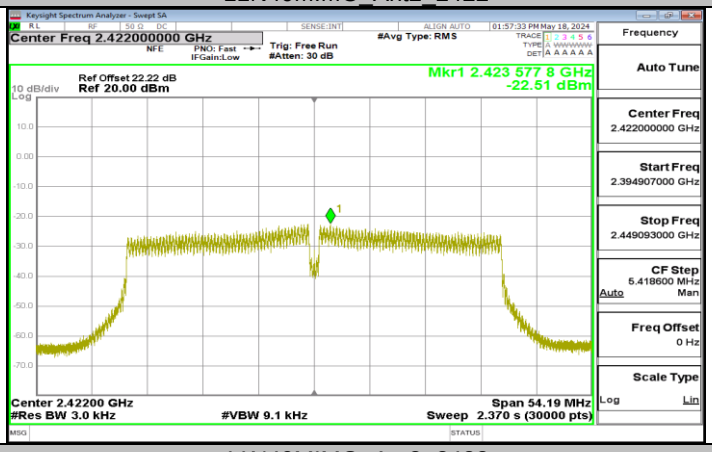

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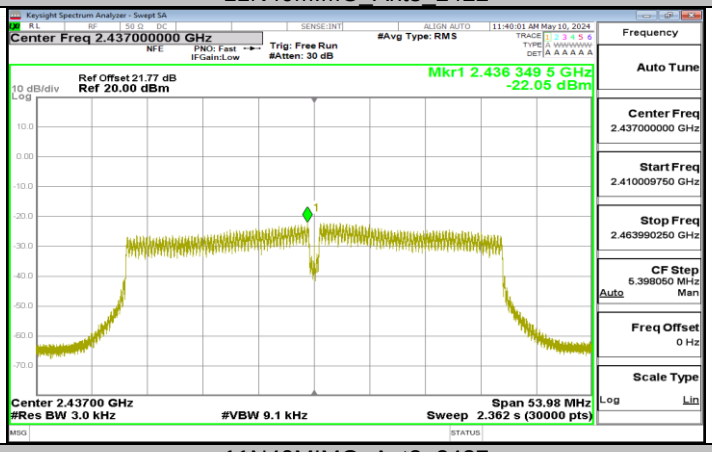

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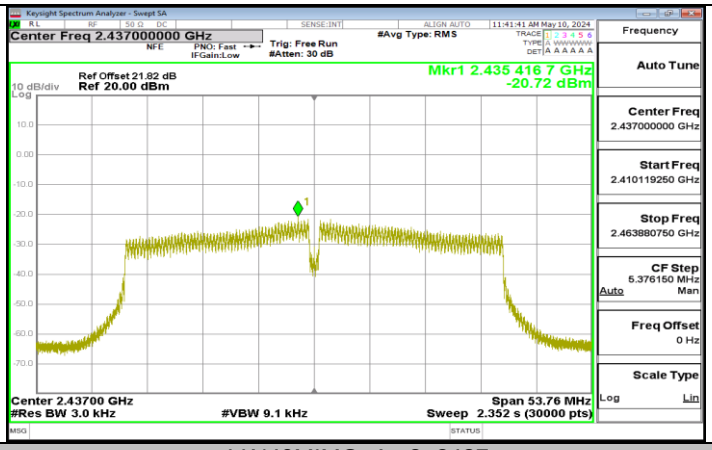

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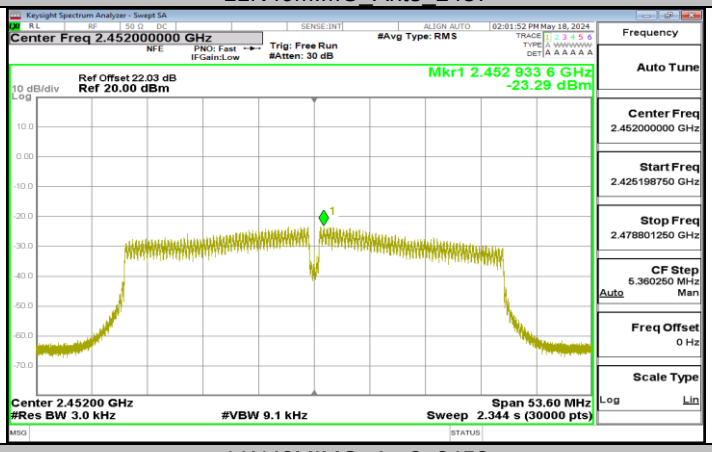

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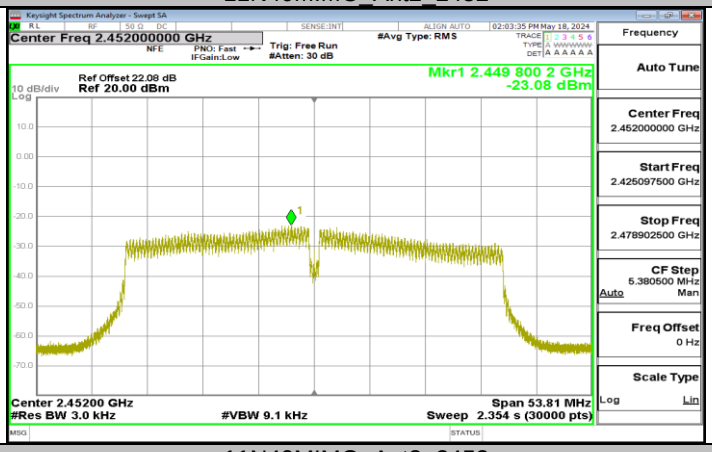

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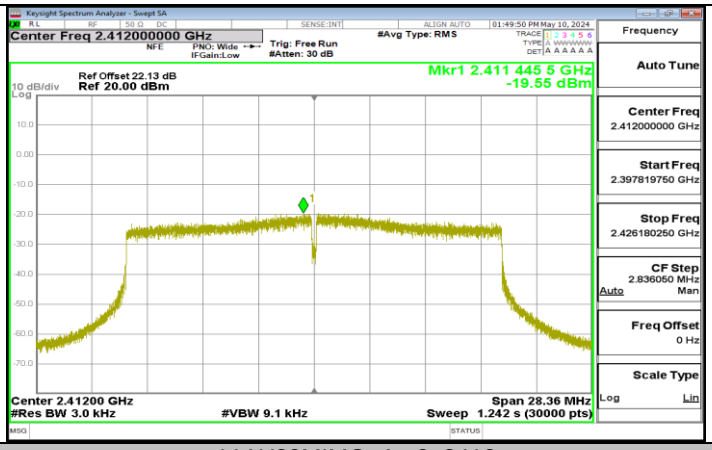
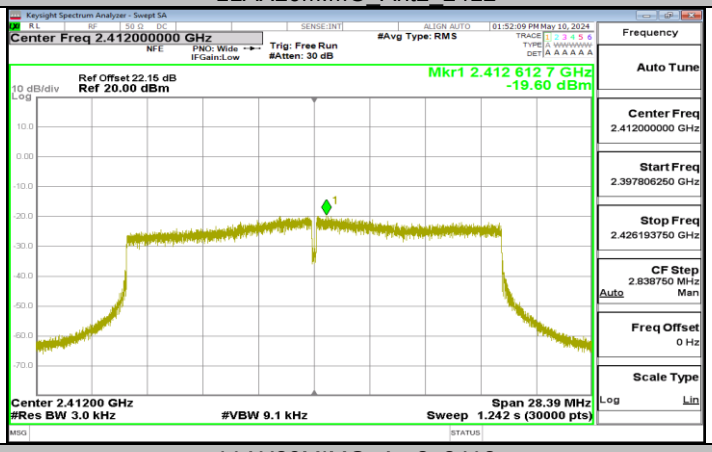


11AX20MIMO_Ant2_2412



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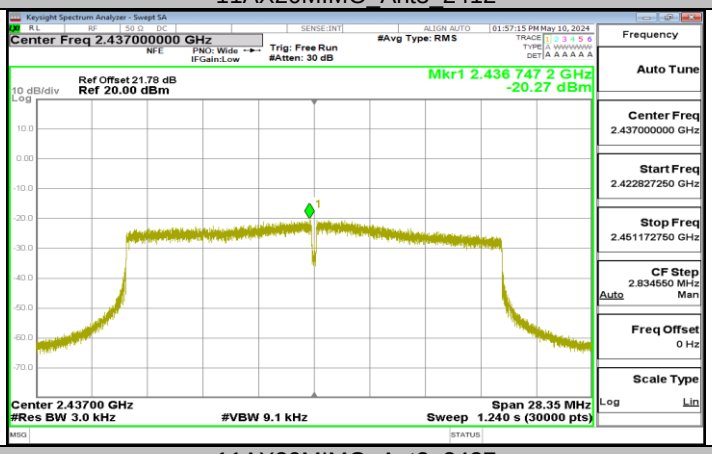

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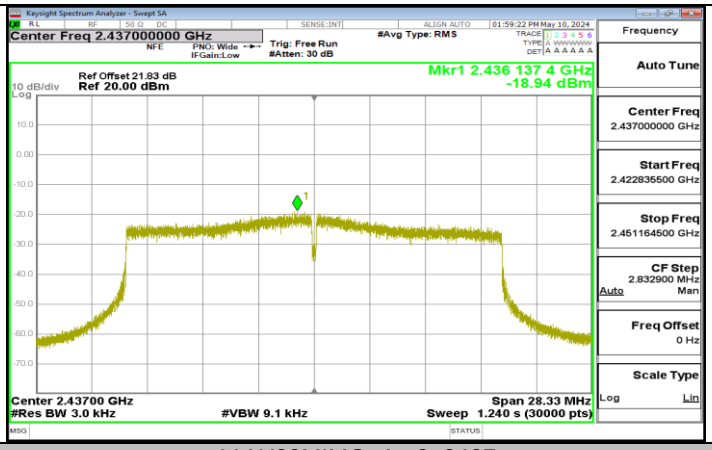

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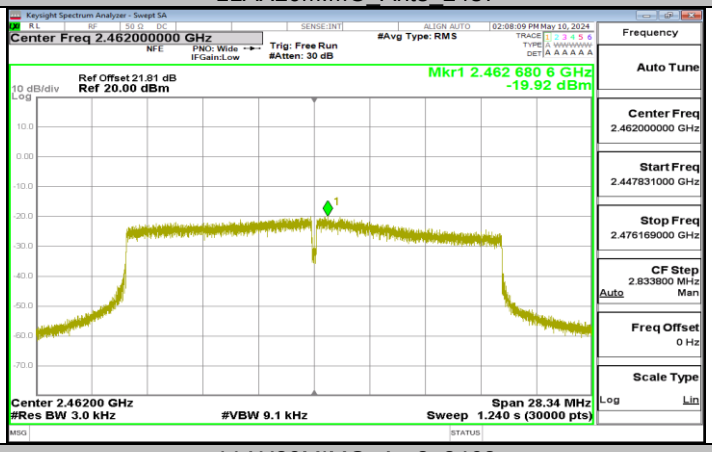
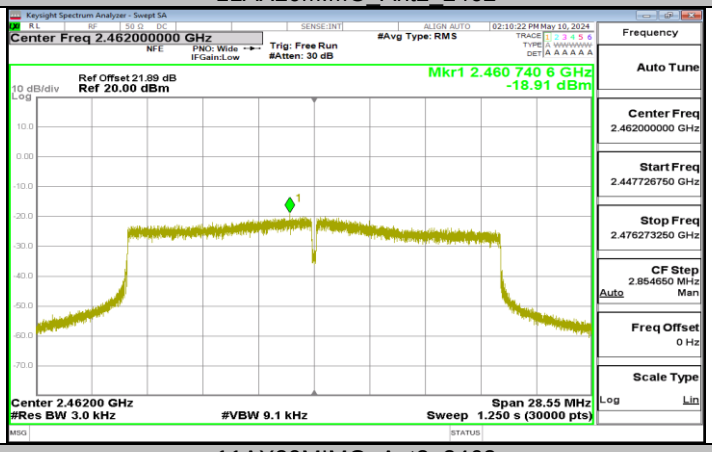


11AX20MIMO_Ant2_2462



11AX20MIMO_Ant3_2462

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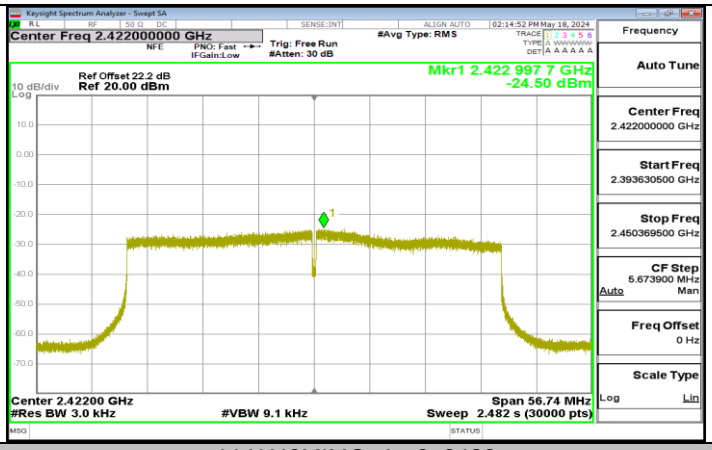
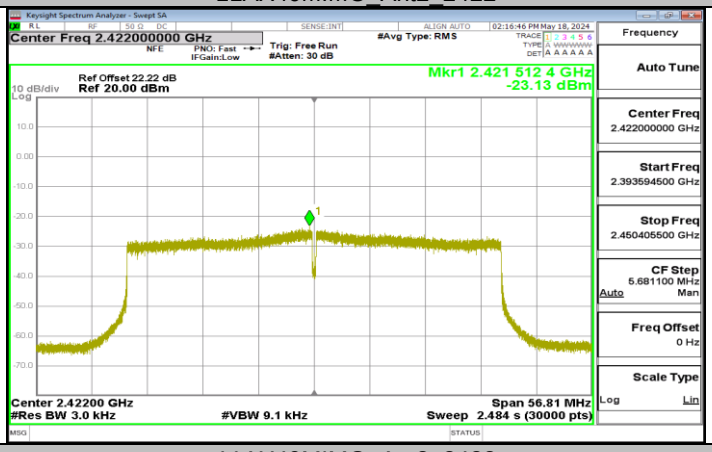
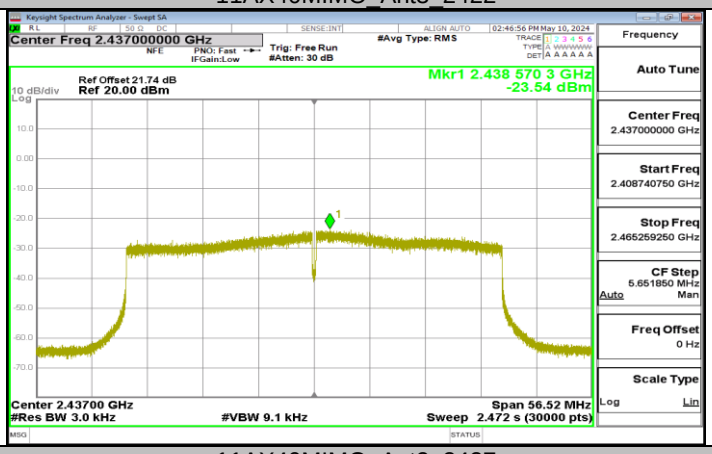


11AX40MIMO_Ant2_2422



11AX40MIMO_Ant3_2422



11AX40MIMO_Ant2_2437

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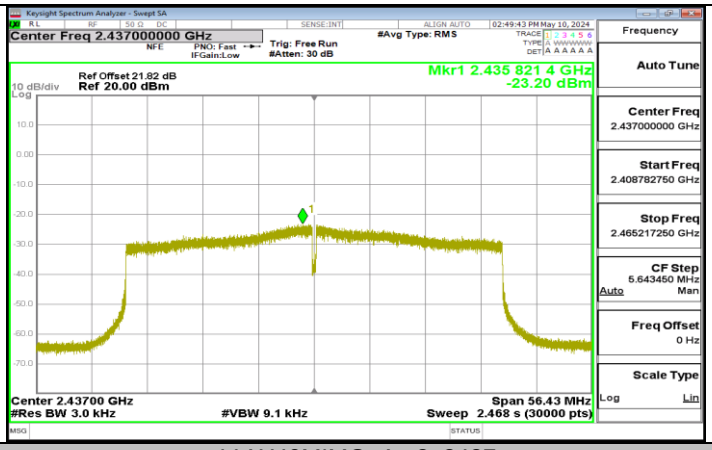

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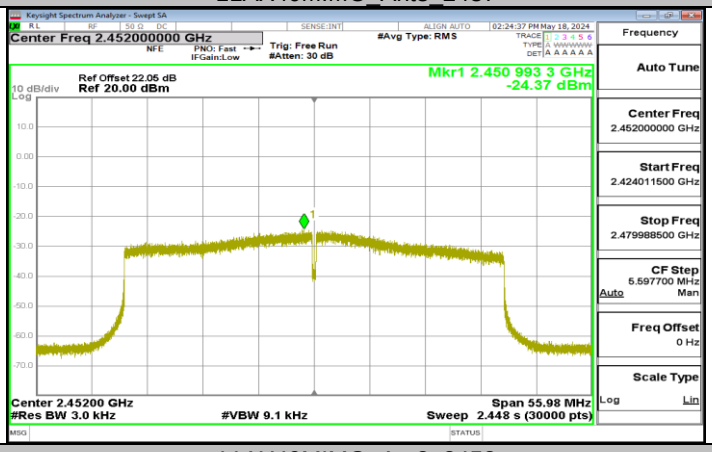
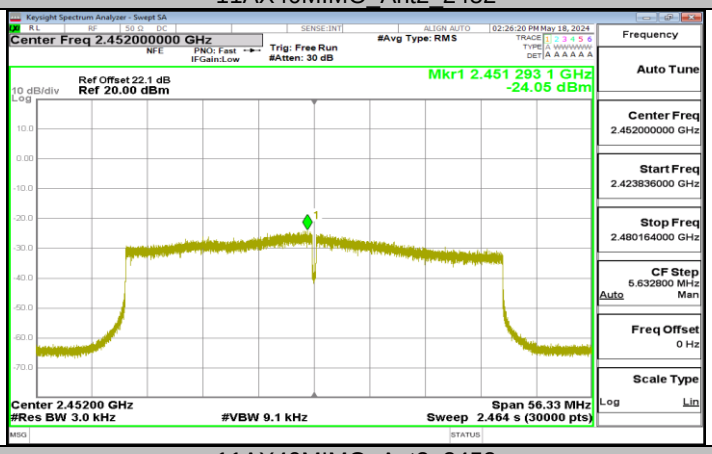


11AX40MIMO_Ant2_2452



11AX40MIMO_Ant3_2452

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11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	6.28	-38.25	≤-23.73	PASS
	Ant3	Low	2412	7.79	-32.34	≤-22.21	PASS
	Ant2	High	2462	8.97	-38.67	≤-21.03	PASS
	Ant3	High	2462	6.94	-38.49	≤-23.06	PASS
11G	Ant2	Low	2412	7.12	-30.9	≤-22.88	PASS
	Ant3	Low	2412	6.84	-29.36	≤-23.16	PASS
	Ant2	High	2462	5.41	-34.56	≤-24.59	PASS
	Ant3	High	2462	6.02	-38.55	≤-23.98	PASS
11N20MIMO	Ant2	Low	2412	3.53	-35.59	≤-26.47	PASS
	Ant3	Low	2412	3.57	-35	≤-26.43	PASS
	Ant2	High	2462	2.25	-38.81	≤-27.75	PASS
	Ant3	High	2462	2.92	-38.97	≤-27.08	PASS
11N40MIMO	Ant2	Low	2422	-0.83	-31.38	≤-30.83	PASS
	Ant3	Low	2422	0.06	-31.05	≤-29.95	PASS
	Ant2	High	2452	-0.22	-37.71	≤-30.22	PASS
	Ant3	High	2452	-0.94	-37.88	≤-30.94	PASS
11AX20MIMO	Ant2	Low	2412	3.42	-36.23	≤-26.58	PASS
	Ant3	Low	2412	3.81	-35.18	≤-26.19	PASS
	Ant2	High	2462	2.45	-38.12	≤-27.56	PASS
	Ant3	High	2462	2.74	-37.6	≤-27.27	PASS
11AX40MIMO	Ant2	Low	2422	-0.63	-33.09	≤-30.63	PASS
	Ant3	Low	2422	-0.04	-31.22	≤-30.04	PASS
	Ant2	High	2452	-0.38	-37.12	≤-30.38	PASS
	Ant3	High	2452	-1.55	-35.48	≤-31.55	PASS

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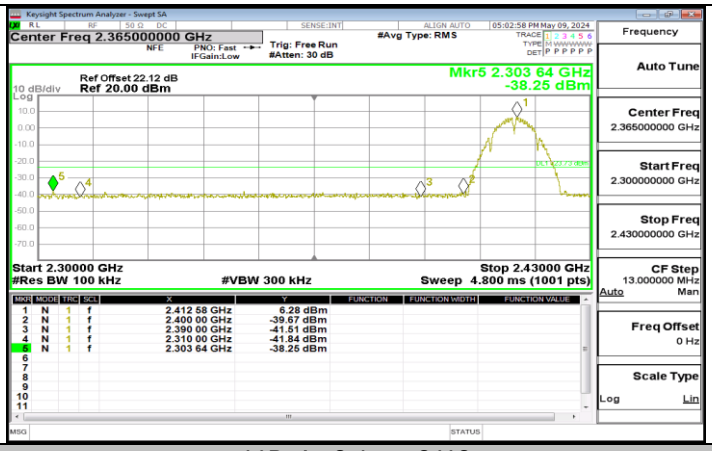
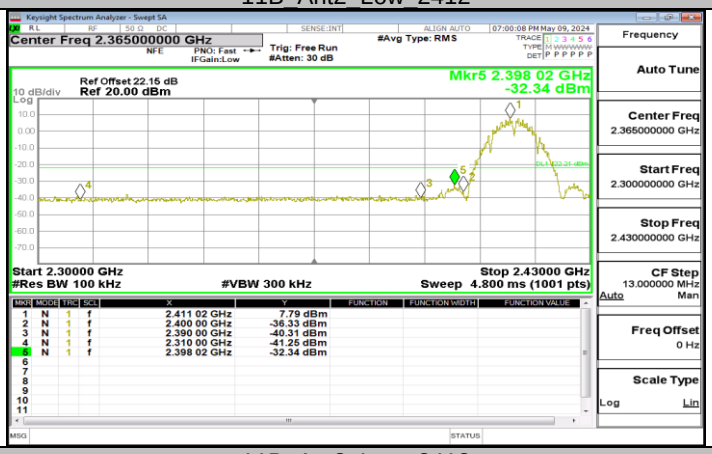
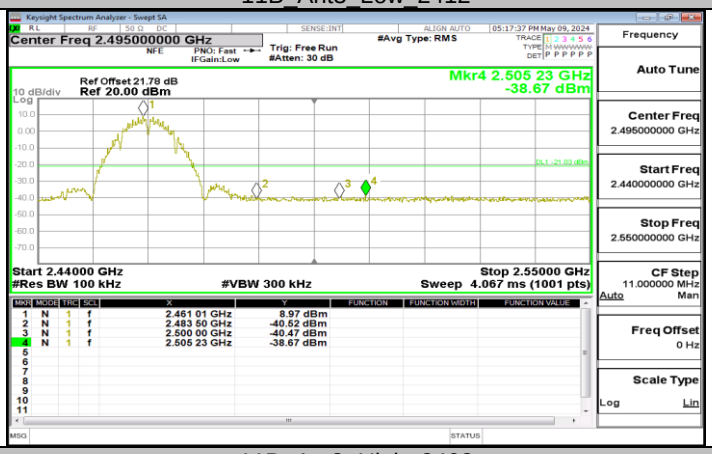
11.5.2. Test Graphs



11B_Ant2_Low_2412



11B_Ant3_Low_2412



11B_Ant2_High_2462

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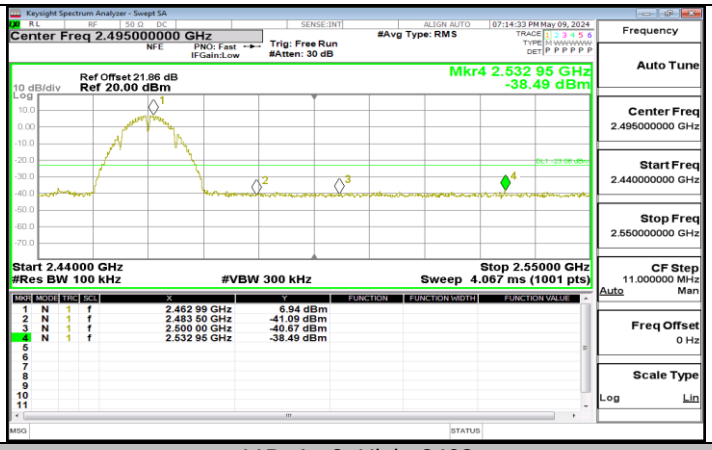

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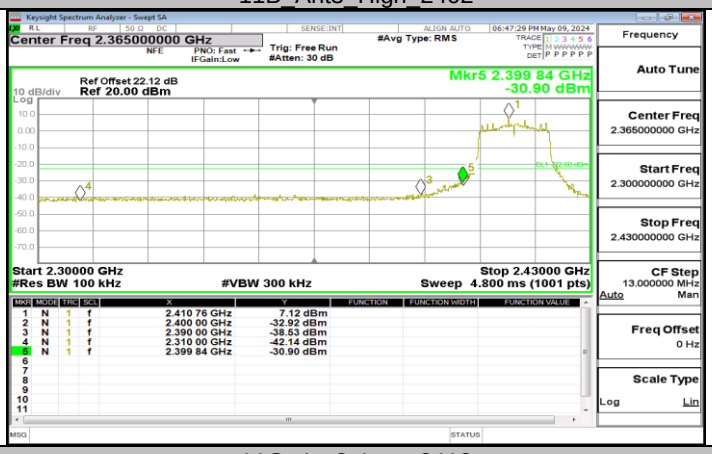
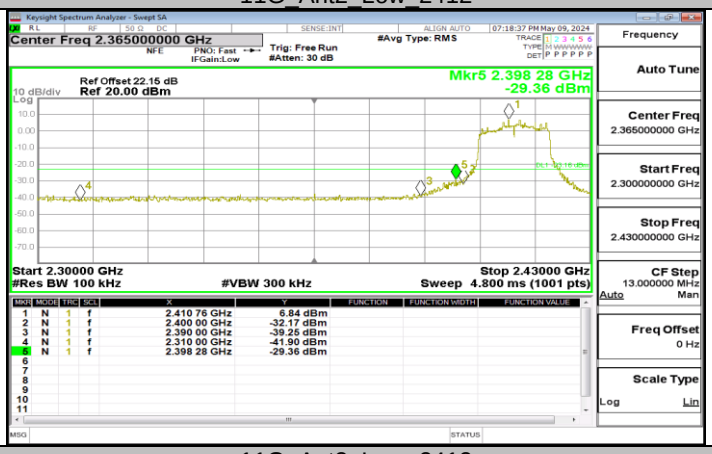


11G_Ant2_Low_2412



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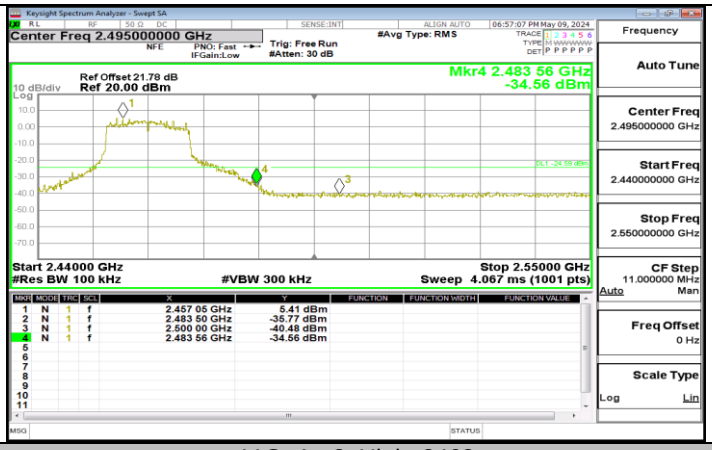
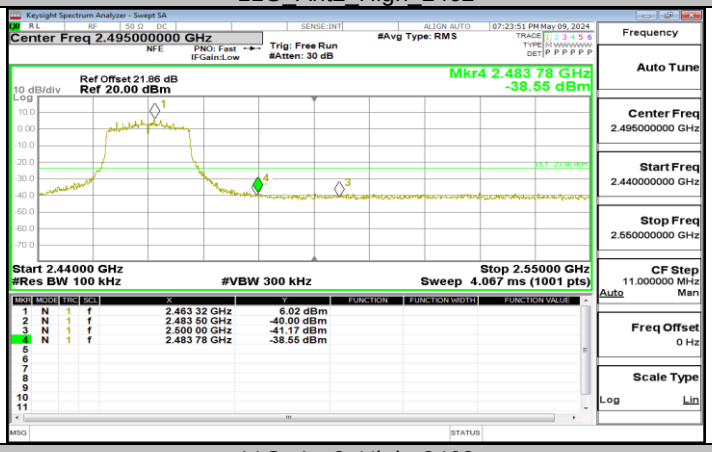


11G_Ant2_High_2462



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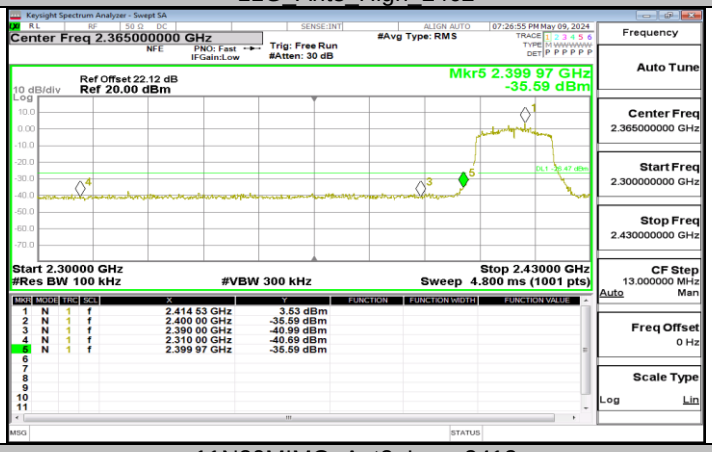

11N20MIMO_Ant2_Low_2412

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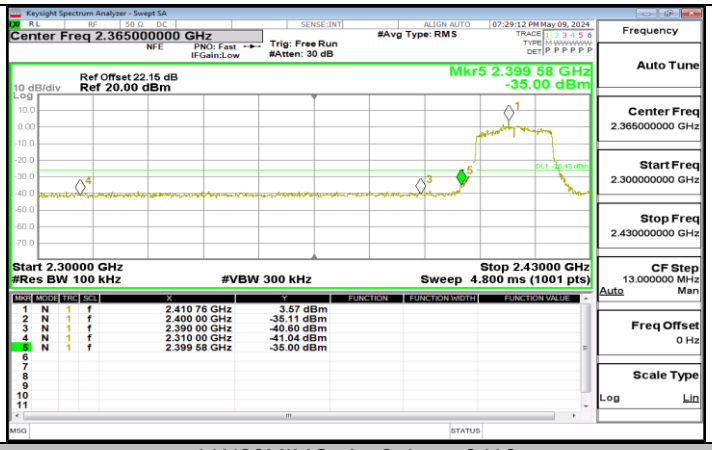
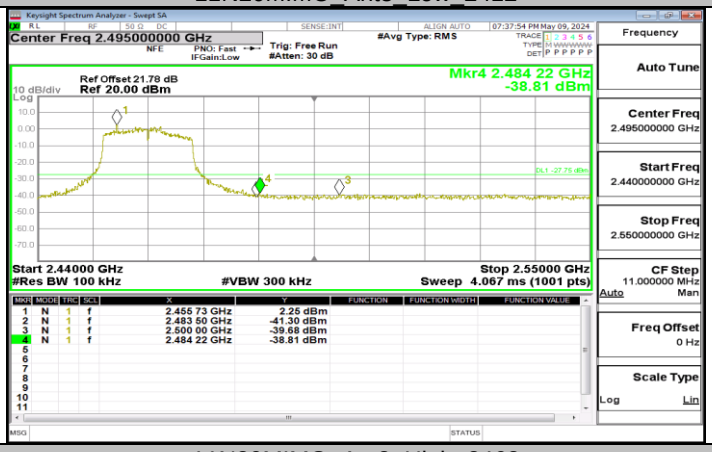


11N20MIMO_Ant3_Low_2412



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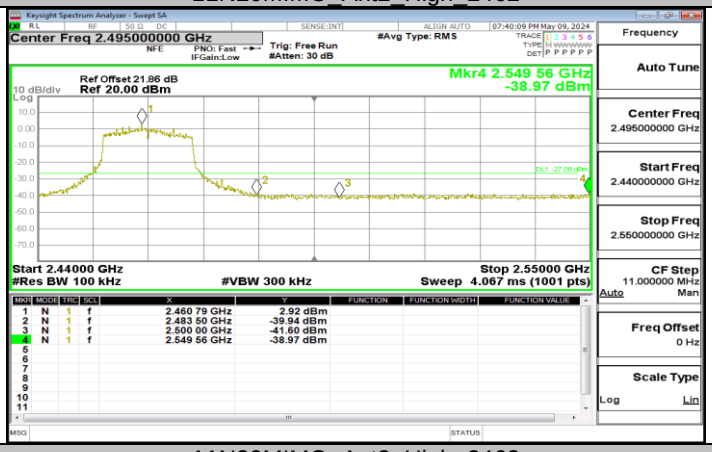

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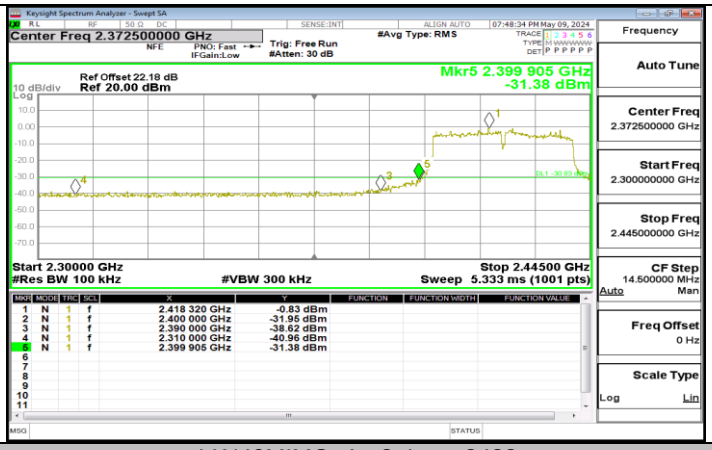
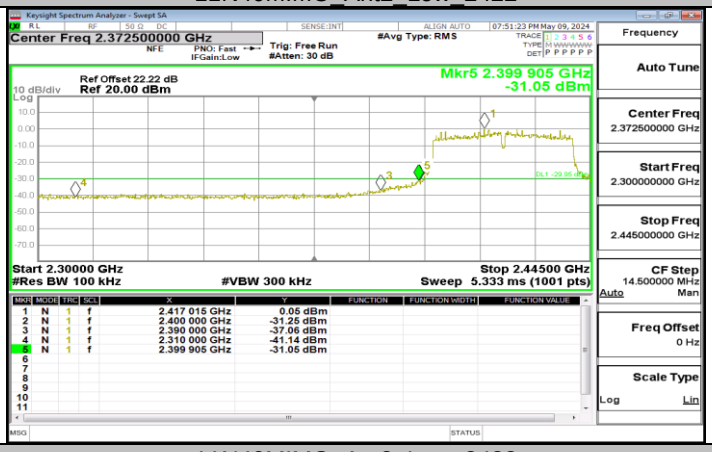


11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant3_Low_2422

11N40MIMO_Ant2_High_2452

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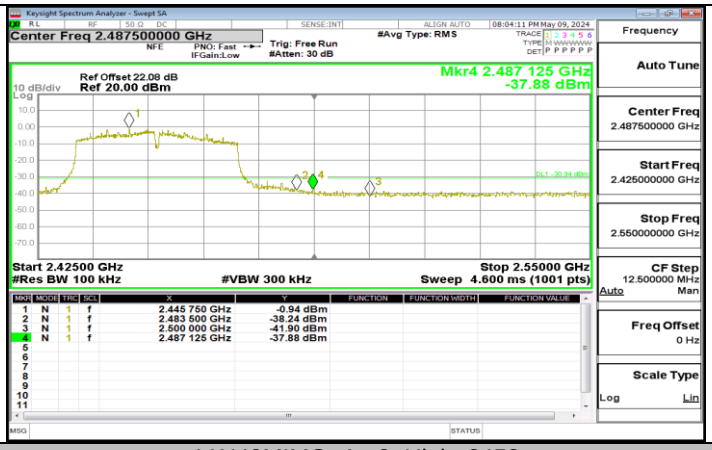

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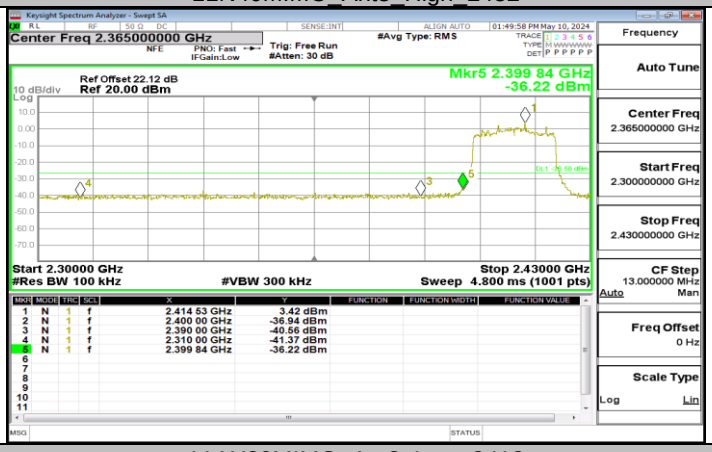

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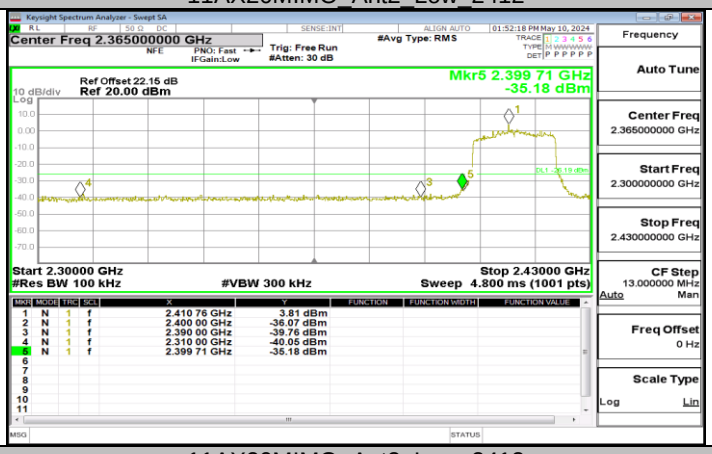

11AX20MIMO_Ant3_Low_2412

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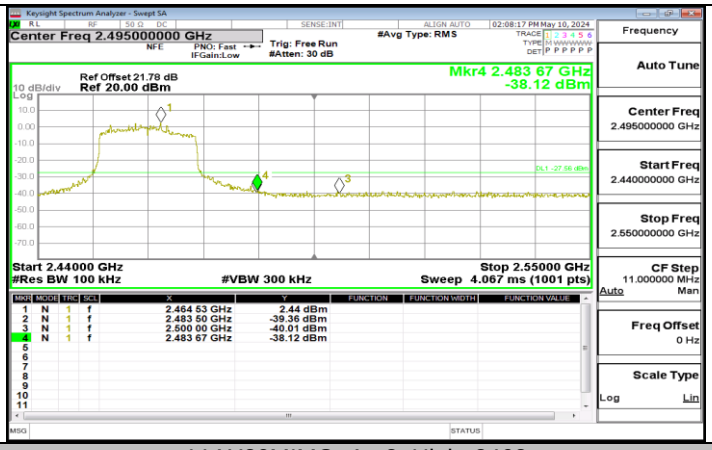

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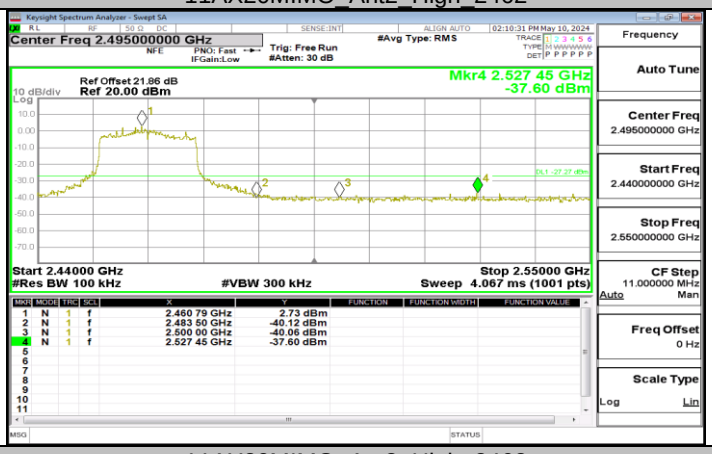

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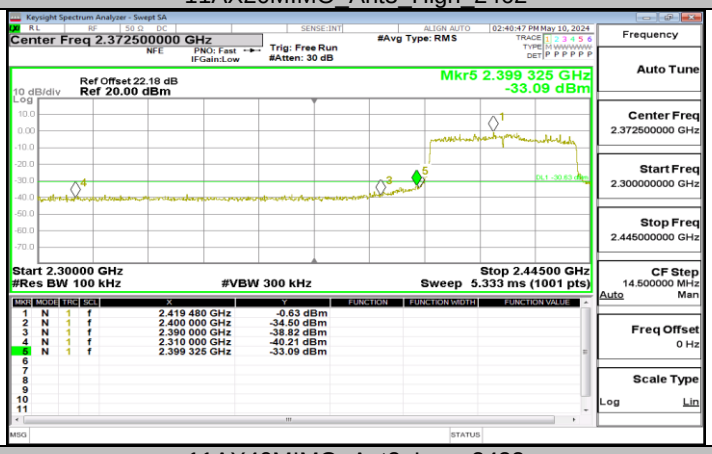

11AX40MIMO_Ant2_Low_2422

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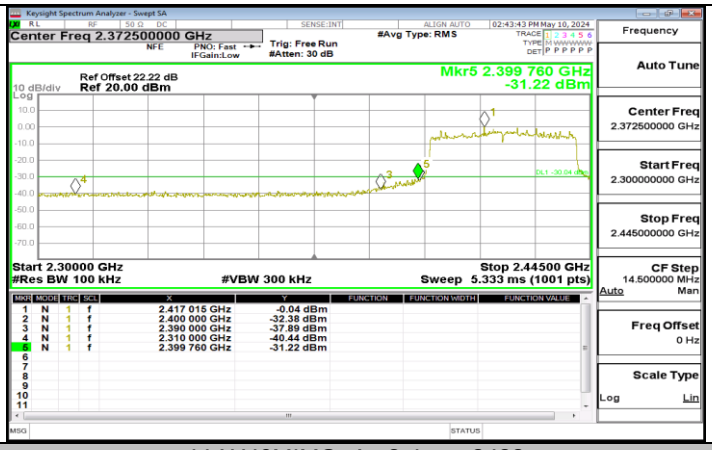
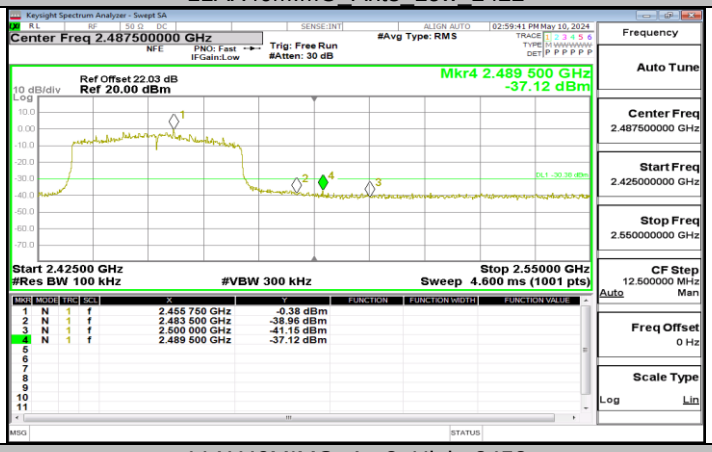
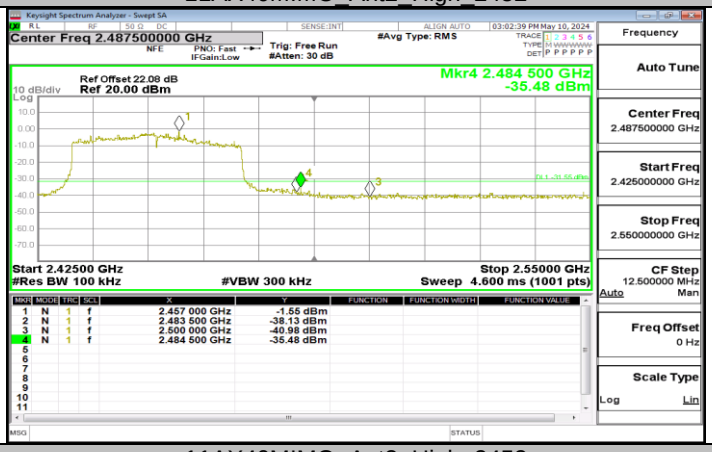


11AX40MIMO_Ant3_Low_2422



11AX40MIMO_Ant2_High_2452



11AX40MIMO_Ant3_High_2452

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11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	6.18	---	PASS
			30~1000	-50.33	≤-23.82	PASS
			1000~26500	-35	≤-23.82	PASS
	Ant3	2412	Reference	7.78	---	PASS
			30~1000	-50.1	≤-22.22	PASS
			1000~26500	-35.3	≤-22.22	PASS
	Ant2	2437	Reference	6.54	---	PASS
			30~1000	-48.85	≤-23.46	PASS
			1000~26500	-35.72	≤-23.46	PASS
	Ant3	2437	Reference	6.34	---	PASS
			30~1000	-50.53	≤-23.66	PASS
			1000~26500	-35.95	≤-23.66	PASS
	Ant2	2462	Reference	6.67	---	PASS
			30~1000	-49.98	≤-23.33	PASS
			1000~26500	-35.79	≤-23.33	PASS
	Ant3	2462	Reference	6.27	---	PASS
			30~1000	-50.73	≤-23.73	PASS
			1000~26500	-35.81	≤-23.73	PASS
11G	Ant2	2412	Reference	3.02	---	PASS
			30~1000	-50.27	≤-26.98	PASS
			1000~26500	-35.1	≤-26.98	PASS
	Ant3	2412	Reference	3.61	---	PASS
			30~1000	-50.18	≤-26.39	PASS
			1000~26500	-34.61	≤-26.39	PASS
	Ant2	2437	Reference	5.18	---	PASS
			30~1000	-50.19	≤-24.82	PASS
			1000~26500	-35.53	≤-24.82	PASS
	Ant3	2437	Reference	2.47	---	PASS
			30~1000	-50.51	≤-27.53	PASS
			1000~26500	-35.24	≤-27.53	PASS
	Ant2	2462	Reference	3.02	---	PASS
			30~1000	-50.81	≤-26.98	PASS
			1000~26500	-35.54	≤-26.98	PASS
	Ant3	2462	Reference	2.71	---	PASS
			30~1000	-50.62	≤-27.29	PASS
			1000~26500	-36.05	≤-27.29	PASS
11N20MIMO	Ant2	2412	Reference	-0.25	---	PASS
			30~1000	-50.17	≤-30.25	PASS
			1000~26500	-35.37	≤-30.25	PASS
	Ant3	2412	Reference	-1.17	---	PASS
			30~1000	-49.45	≤-31.17	PASS
			1000~26500	-33.65	≤-31.17	PASS
	Ant2	2437	Reference	2.62	---	PASS
			30~1000	-50.1	≤-27.38	PASS
			1000~26500	-35.72	≤-27.38	PASS
	Ant3	2437	Reference	0.28	---	PASS
			30~1000	-50.31	≤-29.72	PASS
			1000~26500	-35.92	≤-29.72	PASS
	Ant2	2462	Reference	-0.38	---	PASS
			30~1000	-48.63	≤-30.38	PASS
			1000~26500	-35.38	≤-30.38	PASS
	Ant3	2462	Reference	-1.22	---	PASS
			30~1000	-50.49	≤-31.22	PASS
			1000~26500	-35.48	≤-31.22	PASS
11N40MIMO	Ant2	2422	Reference	-3.60	---	PASS

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			30~1000	-50.36	≤-33.6	PASS
			1000~26500	-34.81	≤-33.6	PASS
	Ant3	2422	Reference	-2.84	---	PASS
			30~1000	-49.23	≤-32.84	PASS
			1000~26500	-35.15	≤-32.84	PASS
	Ant2	2437	Reference	-2.61	---	PASS
			30~1000	-50.57	≤-32.61	PASS
			1000~26500	-35.05	≤-32.61	PASS
	Ant3	2437	Reference	-0.45	---	PASS
			30~1000	-50.46	≤-30.45	PASS
			1000~26500	-35.51	≤-30.45	PASS
	Ant2	2452	Reference	-3.13	---	PASS
			30~1000	-50.53	≤-33.13	PASS
			1000~26500	-34.46	≤-33.13	PASS
	Ant3	2452	Reference	-3.18	---	PASS
			30~1000	-49.78	≤-33.18	PASS
			1000~26500	-34.78	≤-33.18	PASS
11AX20MIMO	Ant2	2412	Reference	1.12	---	PASS
			30~1000	-49.63	≤-28.88	PASS
			1000~26500	-35.41	≤-28.88	PASS
	Ant3	2412	Reference	0.77	---	PASS
			30~1000	-49.53	≤-29.23	PASS
			1000~26500	-35.71	≤-29.23	PASS
	Ant2	2437	Reference	0.23	---	PASS
			30~1000	-50.66	≤-29.77	PASS
			1000~26500	-35.1	≤-29.77	PASS
	Ant3	2437	Reference	-0.42	---	PASS
			30~1000	-50.24	≤-30.42	PASS
			1000~26500	-35.9	≤-30.42	PASS
	Ant2	2462	Reference	-0.54	---	PASS
			30~1000	-51.01	≤-30.54	PASS
			1000~26500	-35.93	≤-30.54	PASS
	Ant3	2462	Reference	0.51	---	PASS
			30~1000	-50.98	≤-29.49	PASS
			1000~26500	-34.76	≤-29.49	PASS
11AX40MIMO	Ant2	2422	Reference	-3.13	---	PASS
			30~1000	-50.74	≤-33.13	PASS
			1000~26500	-35.46	≤-33.13	PASS
	Ant3	2422	Reference	-3.69	---	PASS
			30~1000	-50.16	≤-33.69	PASS
			1000~26500	-35.01	≤-33.69	PASS
	Ant2	2437	Reference	-3.48	---	PASS
			30~1000	-50.91	≤-33.48	PASS
			1000~26500	-34.43	≤-33.48	PASS
	Ant3	2437	Reference	-3.26	---	PASS
			30~1000	-50.77	≤-33.26	PASS
			1000~26500	-35.63	≤-33.26	PASS
	Ant2	2452	Reference	-3.76	---	PASS
			30~1000	-50	≤-33.76	PASS
			1000~26500	-34.9	≤-33.76	PASS
	Ant3	2452	Reference	-2.23	---	PASS
			30~1000	-50.89	≤-32.23	PASS
			1000~26500	-35.01	≤-32.23	PASS

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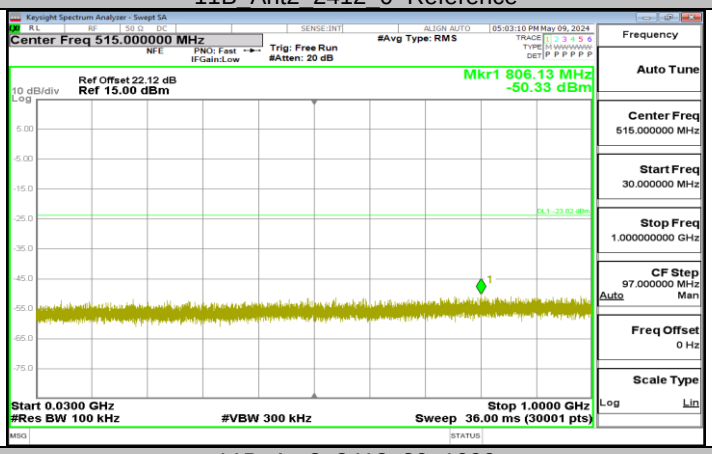
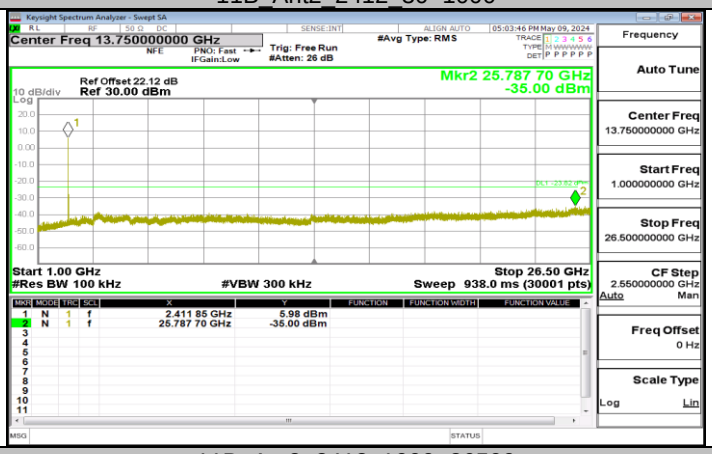
11.6.2. Test Graphs

11B_Ant2_2412_0~Reference



11B_Ant2_2412_30~1000



11B_Ant2_2412_1000~26500

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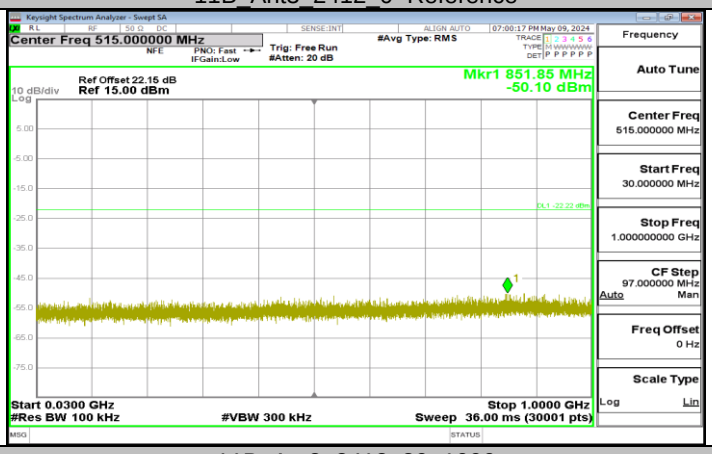
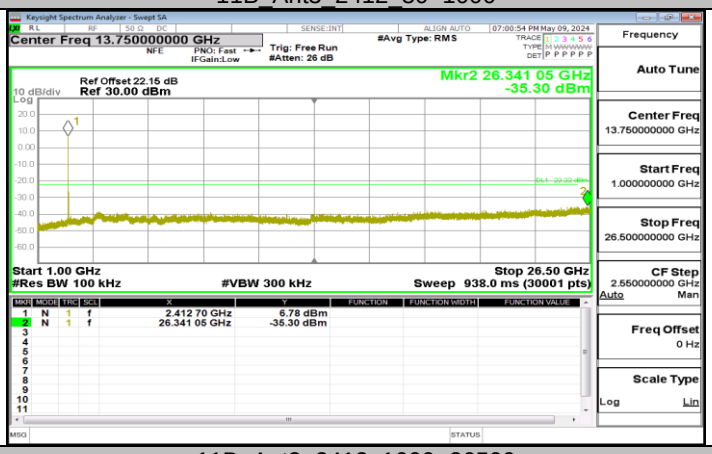
11B_Ant3_2412_0~Reference



11B_Ant3_2412_30~1000



11B_Ant3_2412_1000~26500

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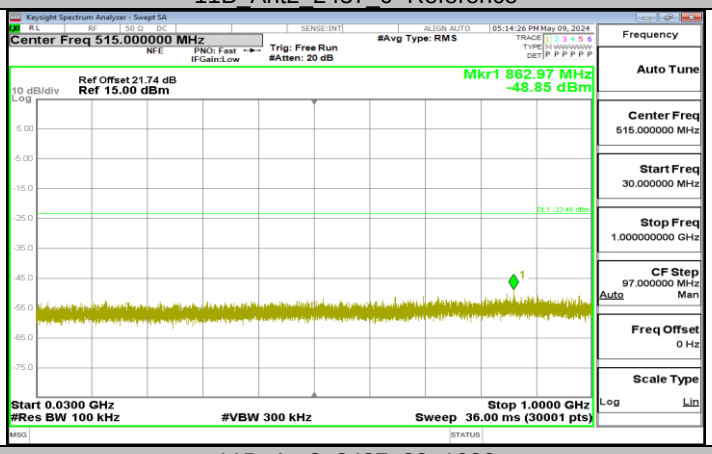
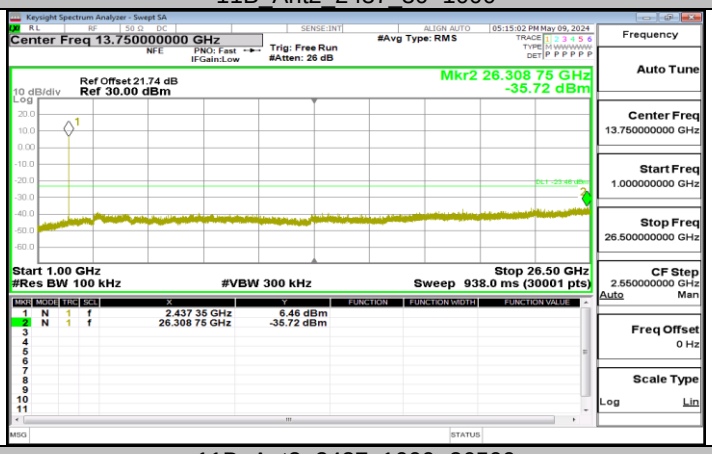
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



11B_Ant2_2437_1000~26500

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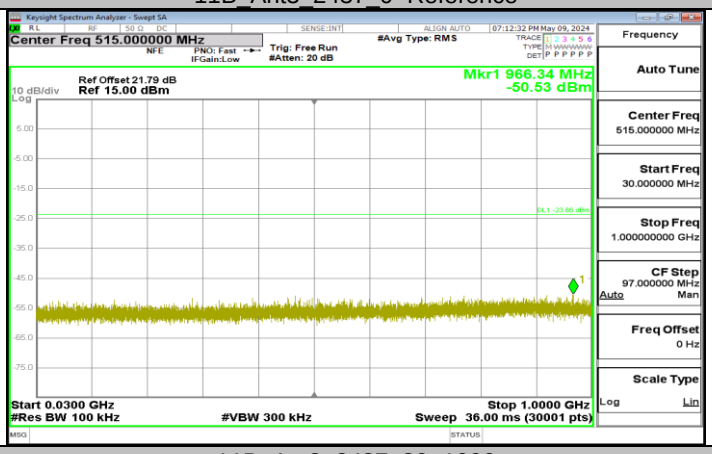
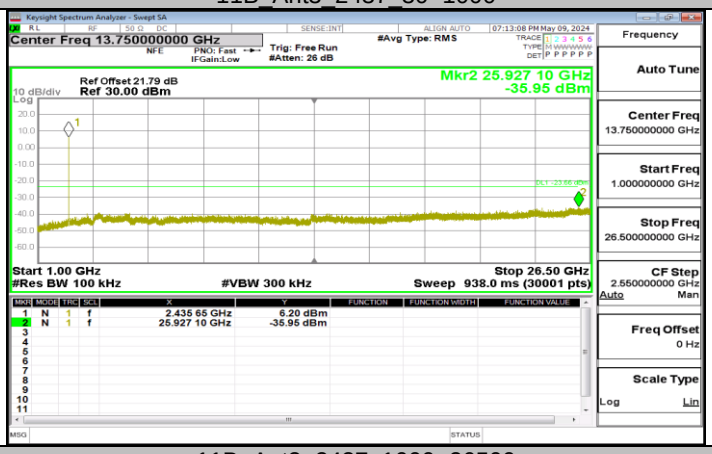
11B_Ant3_2437_0~Reference



11B_Ant3_2437_30~1000



11B_Ant3_2437_1000~26500

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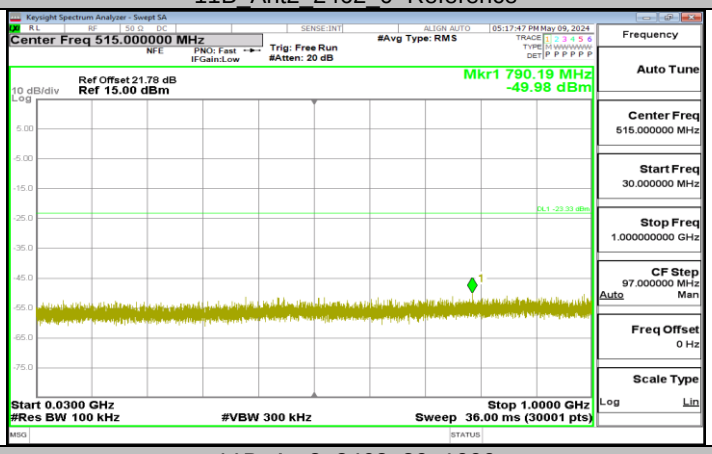
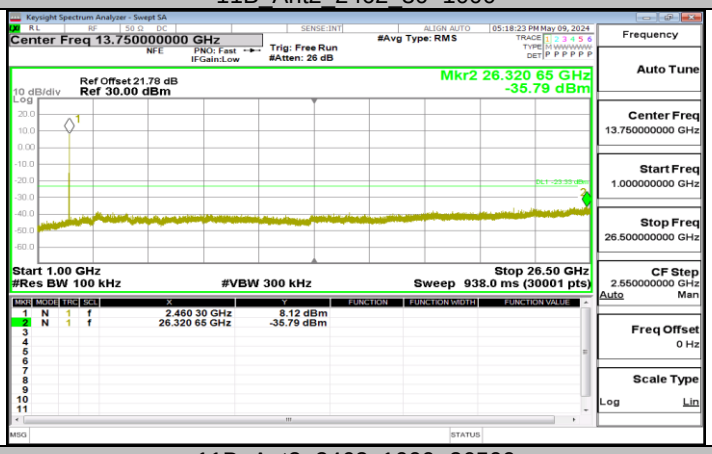
11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000



11B_Ant2_2462_1000~26500

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