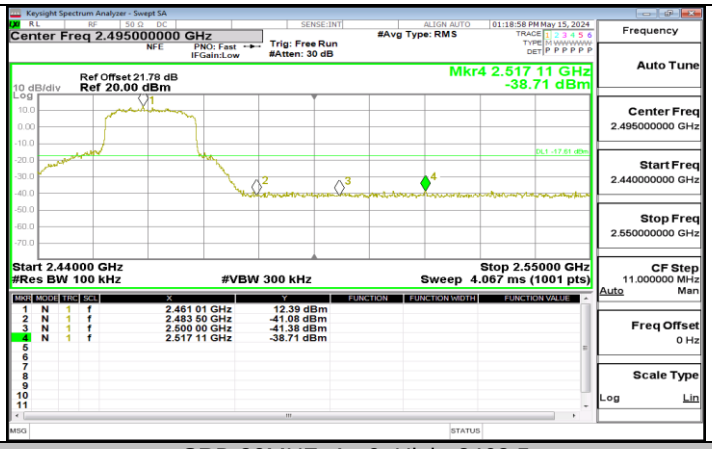
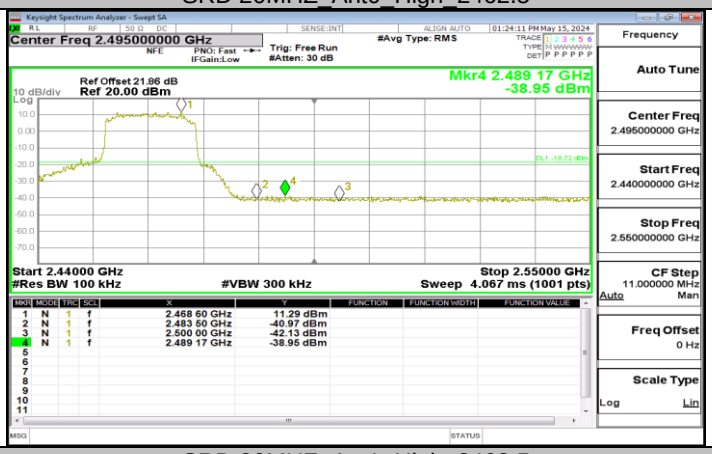
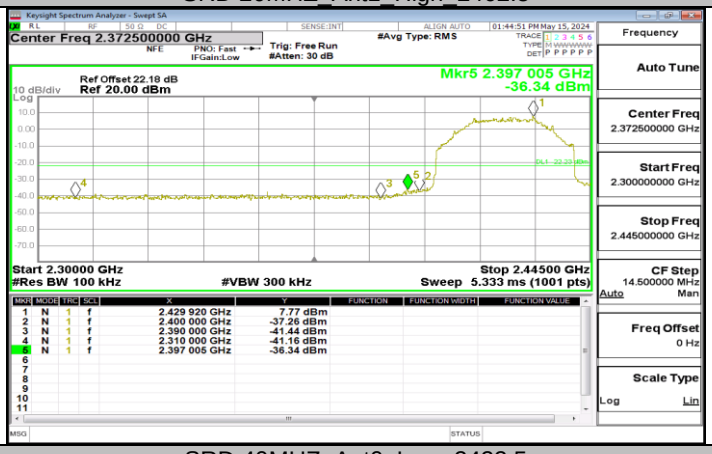


SRD 20MHZ_Ant0_High_2462.5



SRD 20MHZ_Ant1_High_2462.5



SRD 40MHZ_Ant0_Low_2422.5

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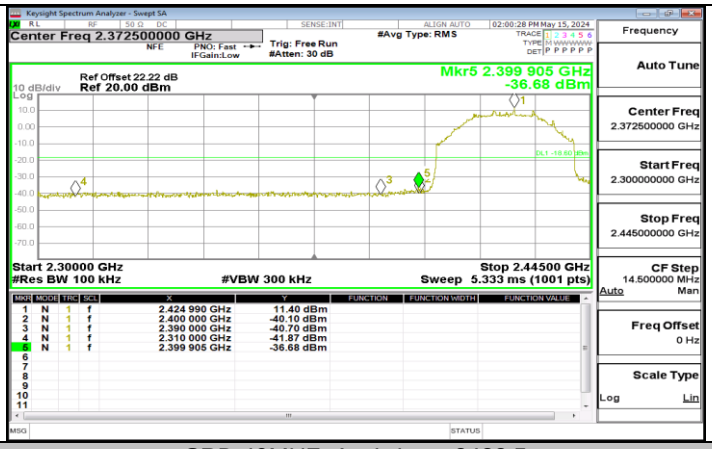
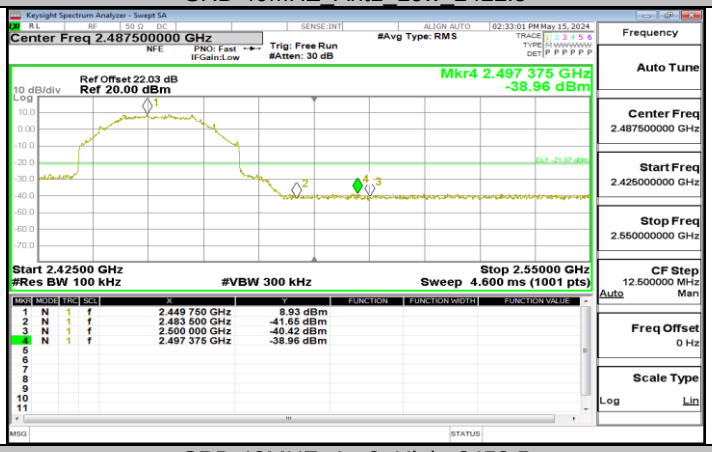
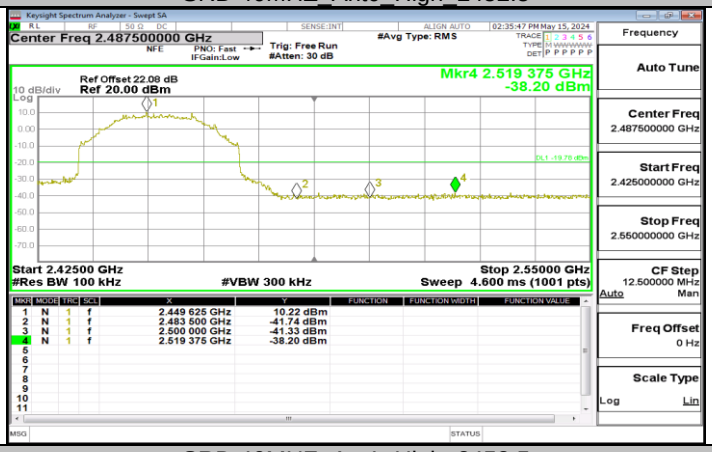


SRD 40MHZ_Ant1_Low_2422.5



SRD 40MHZ_Ant0_High_2452.5



SRD 40MHZ_Ant1_High_2452.5

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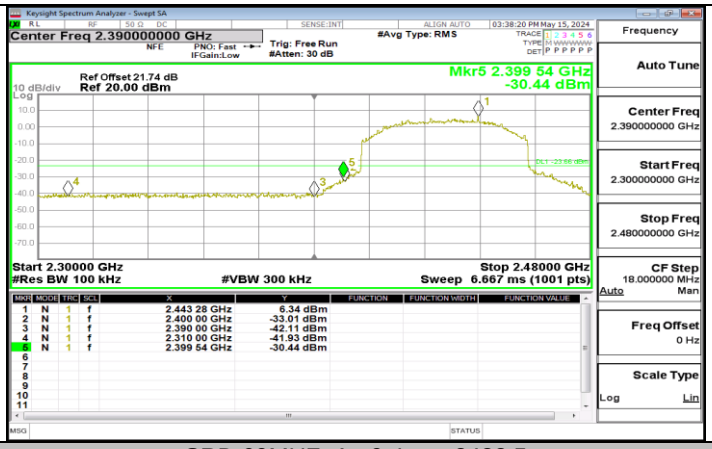
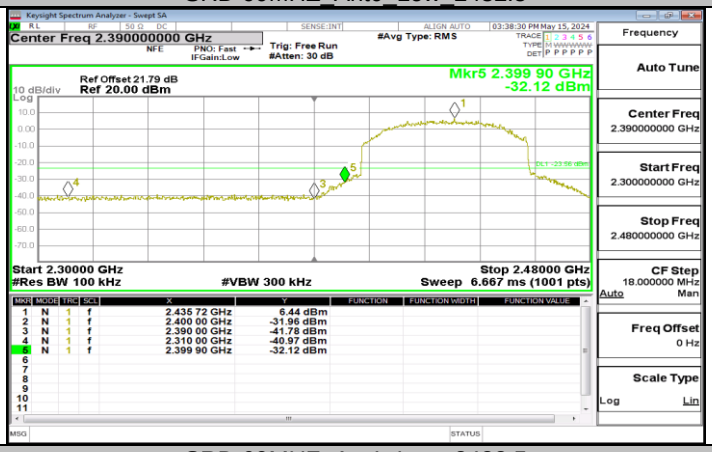
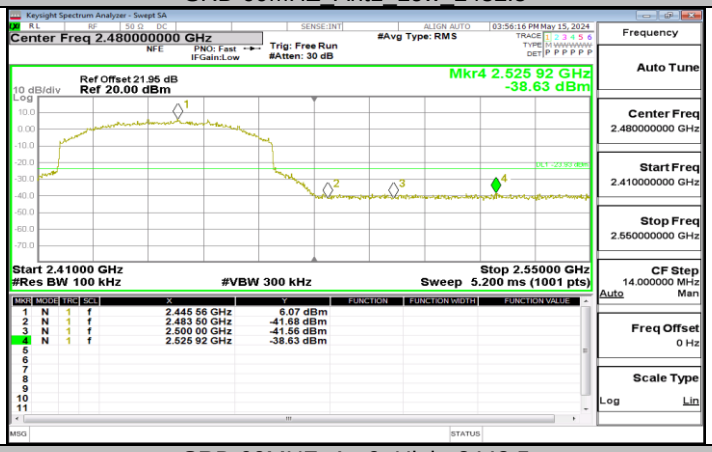


SRD 60MHZ_Ant0_Low_2432.5



SRD 60MHZ_Ant1_Low_2432.5



SRD 60MHZ_Ant0_High_2442.5

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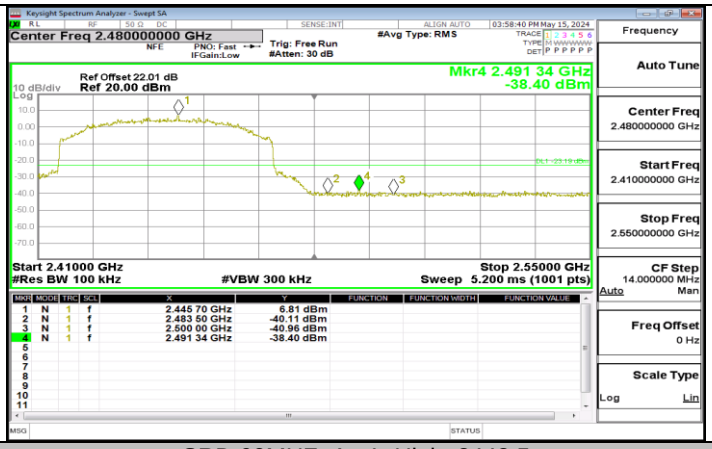

SRD 60MHZ_Ant1_High_2442.5

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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
SRD 1.4MHZ	Ant0	2403.5	Reference	19.92	---	PASS
			30~1000	-50.03	≤-10.08	PASS
			1000~26500	-35.35	≤-10.08	PASS
	Ant1	2403.5	Reference	18.71	---	PASS
			30~1000	-50.51	≤-11.29	PASS
			1000~26500	-36.02	≤-11.29	PASS
	Ant0	2435.5	Reference	20.05	---	PASS
			30~1000	-51	≤-9.95	PASS
			1000~26500	-35.36	≤-9.95	PASS
	Ant1	2435.5	Reference	18.05	---	PASS
			30~1000	-51.19	≤-11.95	PASS
			1000~26500	-35.95	≤-11.95	PASS
	Ant0	2469.12	Reference	19.89	---	PASS
			30~1000	-50.4	≤-10.11	PASS
			1000~26500	-35.99	≤-10.11	PASS
	Ant1	2469.12	Reference	18.58	---	PASS
			30~1000	-50.27	≤-11.42	PASS
			1000~26500	-35.31	≤-11.42	PASS
SRD 3MHZ	Ant0	2405.5	Reference	17.73	---	PASS
			30~1000	-50.96	≤-12.27	PASS
			1000~26500	-36.53	≤-12.27	PASS
	Ant1	2405.5	Reference	17.98	---	PASS
			30~1000	-49.68	≤-12.02	PASS
			1000~26500	-35.79	≤-12.02	PASS
	Ant0	2435.5	Reference	17.67	---	PASS
			30~1000	-50.47	≤-12.33	PASS
			1000~26500	-36.25	≤-12.33	PASS
	Ant1	2435.5	Reference	17.67	---	PASS
			30~1000	-50.59	≤-12.33	PASS
			1000~26500	-35.2	≤-12.33	PASS
	Ant0	2468.2	Reference	17.18	---	PASS
			30~1000	-50.53	≤-12.82	PASS
			1000~26500	-35.5	≤-12.82	PASS
	Ant1	2468.2	Reference	16.63	---	PASS
			30~1000	-50.43	≤-13.37	PASS
			1000~26500	-35.63	≤-13.37	PASS
SRD 5MHZ	Ant0	2404.5	Reference	17.89	---	PASS
			30~1000	-49.48	≤-12.11	PASS
			1000~26500	-35.26	≤-12.11	PASS
	Ant1	2404.5	Reference	17.81	---	PASS
			30~1000	-50.11	≤-12.19	PASS
			1000~26500	-36.05	≤-12.19	PASS
	Ant0	2436.74	Reference	17.60	---	PASS
			30~1000	-50.11	≤-12.4	PASS
			1000~26500	-35.95	≤-12.4	PASS
	Ant1	2436.74	Reference	16.89	---	PASS
			30~1000	-49.04	≤-13.11	PASS
			1000~26500	-35.94	≤-13.11	PASS
	Ant0	2469.5	Reference	16.61	---	PASS
			30~1000	-50.27	≤-13.39	PASS
			1000~26500	-36.26	≤-13.39	PASS
	Ant1	2469.5	Reference	15.97	---	PASS
			30~1000	-49.99	≤-14.03	PASS
			1000~26500	-35.69	≤-14.03	PASS

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Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
SRD 10MHZ	Ant0	2407.5	Reference	11.66	---	PASS
			30~1000	-49.93	≤-18.34	PASS
			1000~26500	-35.61	≤-18.34	PASS
	Ant1	2407.5	Reference	12.66	---	PASS
			30~1000	-50.19	≤-17.34	PASS
			1000~26500	-35.2	≤-17.34	PASS
	Ant0	2437.5	Reference	11.03	---	PASS
			30~1000	-50.2	≤-18.97	PASS
			1000~26500	-34.08	≤-18.97	PASS
	Ant1	2437.5	Reference	10.31	---	PASS
			30~1000	-50.24	≤-19.69	PASS
			1000~26500	-35.81	≤-19.69	PASS
	Ant0	2467.5	Reference	11.67	---	PASS
			30~1000	-50	≤-18.33	PASS
			1000~26500	-35.95	≤-18.33	PASS
	Ant1	2467.5	Reference	14.04	---	PASS
			30~1000	-50.04	≤-15.96	PASS
			1000~26500	-34.82	≤-15.96	PASS
SRD 20MHZ	Ant0	2412.5	Reference	9.81	---	PASS
			30~1000	-49.95	≤-20.19	PASS
			1000~26500	-35.16	≤-20.19	PASS
	Ant1	2412.5	Reference	15.67	---	PASS
			30~1000	-50.55	≤-14.33	PASS
			1000~26500	-35.71	≤-14.33	PASS
	Ant0	2437.5	Reference	10.31	---	PASS
			30~1000	-50.37	≤-19.69	PASS
			1000~26500	-36.04	≤-19.69	PASS
	Ant1	2437.5	Reference	8.41	---	PASS
			30~1000	-50.81	≤-21.59	PASS
			1000~26500	-35.18	≤-21.59	PASS
	Ant0	2462.5	Reference	9.84	---	PASS
			30~1000	-50.85	≤-20.16	PASS
			1000~26500	-35.56	≤-20.16	PASS
	Ant1	2462.5	Reference	10.42	---	PASS
			30~1000	-50.25	≤-19.58	PASS
			1000~26500	-35.58	≤-19.58	PASS
SRD 40MHZ	Ant0	2422.5	Reference	6.78	---	PASS
			30~1000	-49.38	≤-23.22	PASS
			1000~26500	-35.31	≤-23.22	PASS
	Ant1	2422.5	Reference	9.52	---	PASS
			30~1000	-50.16	≤-20.48	PASS
			1000~26500	-35.54	≤-20.48	PASS
	Ant0	2437.5	Reference	9.45	---	PASS
			30~1000	-50.86	≤-20.55	PASS
			1000~26500	-36.32	≤-20.55	PASS
	Ant1	2437.5	Reference	10.70	---	PASS
			30~1000	-50.63	≤-19.3	PASS
			1000~26500	-35.36	≤-19.3	PASS
	Ant0	2452.5	Reference	8.20	---	PASS
			30~1000	-49.96	≤-21.8	PASS
			1000~26500	-34.58	≤-21.8	PASS
	Ant1	2452.5	Reference	8.28	---	PASS
			30~1000	-49.98	≤-21.72	PASS
			1000~26500	-35.05	≤-21.72	PASS
SRD 60MHZ	Ant0	2432.5	Reference	4.47	---	PASS
			30~1000	-50.47	≤-25.53	PASS
			1000~26500	-35.81	≤-25.53	PASS
	Ant1	2432.5	Reference	3.83	---	PASS

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			30~1000	-50.19	≤-26.17	PASS
			1000~26500	-35.94	≤-26.17	PASS
	Ant0	2437.5	Reference	6.60	---	PASS
			30~1000	-50.49	≤-23.4	PASS
			1000~26500	-35.89	≤-23.4	PASS
	Ant1	2437.5	Reference	5.67	---	PASS
			30~1000	-50.45	≤-24.33	PASS
			1000~26500	-35.58	≤-24.33	PASS
	Ant0	2442.5	Reference	6.52	---	PASS
			30~1000	-49.83	≤-23.48	PASS
			1000~26500	-35.52	≤-23.48	PASS
	Ant1	2442.5	Reference	6.99	---	PASS
			30~1000	-50.12	≤-23.01	PASS
			1000~26500	-35.55	≤-23.01	PASS

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

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11.6.2. Test Graphs

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Result[dBm]	Limit[dBm]	Verdict
SRD 1.4MHZ	Ant0	2403.5	Reference	19.92	---	PASS
			30~1000	-50.03	≤-10.08	PASS
			1000~26500	-35.35	≤-10.08	PASS
	Ant1	2403.5	Reference	18.71	---	PASS
			30~1000	-50.51	≤-11.29	PASS
			1000~26500	-36.02	≤-11.29	PASS
	Ant0	2435.5	Reference	20.05	---	PASS
			30~1000	-51	≤-9.95	PASS
			1000~26500	-35.36	≤-9.95	PASS
	Ant1	2435.5	Reference	18.05	---	PASS
			30~1000	-51.19	≤-11.95	PASS
			1000~26500	-35.95	≤-11.95	PASS
	Ant0	2469.12	Reference	19.89	---	PASS
			30~1000	-50.4	≤-10.11	PASS
			1000~26500	-35.99	≤-10.11	PASS
	Ant1	2469.12	Reference	18.58	---	PASS
			30~1000	-50.27	≤-11.42	PASS
			1000~26500	-35.31	≤-11.42	PASS
SRD 3MHZ	Ant0	2405.5	Reference	17.73	---	PASS
			30~1000	-50.96	≤-12.27	PASS
			1000~26500	-36.53	≤-12.27	PASS
	Ant1	2405.5	Reference	17.98	---	PASS
			30~1000	-49.68	≤-12.02	PASS
			1000~26500	-35.79	≤-12.02	PASS
	Ant0	2435.5	Reference	17.67	---	PASS
			30~1000	-50.47	≤-12.33	PASS
			1000~26500	-36.25	≤-12.33	PASS
	Ant1	2435.5	Reference	17.67	---	PASS
			30~1000	-50.59	≤-12.33	PASS
			1000~26500	-35.2	≤-12.33	PASS
	Ant0	2468.2	Reference	17.18	---	PASS
			30~1000	-50.53	≤-12.82	PASS
			1000~26500	-35.5	≤-12.82	PASS
	Ant1	2468.2	Reference	16.63	---	PASS
			30~1000	-50.43	≤-13.37	PASS
			1000~26500	-35.63	≤-13.37	PASS
SRD 5MHZ	Ant0	2404.5	Reference	17.89	---	PASS
			30~1000	-49.48	≤-12.11	PASS
			1000~26500	-35.26	≤-12.11	PASS
	Ant1	2404.5	Reference	17.81	---	PASS
			30~1000	-50.11	≤-12.19	PASS
			1000~26500	-36.05	≤-12.19	PASS
	Ant0	2436.74	Reference	17.60	---	PASS
			30~1000	-50.11	≤-12.4	PASS
			1000~26500	-35.95	≤-12.4	PASS
	Ant1	2436.74	Reference	16.89	---	PASS
			30~1000	-49.04	≤-13.11	PASS
			1000~26500	-35.94	≤-13.11	PASS
	Ant0	2469.5	Reference	16.61	---	PASS
			30~1000	-50.27	≤-13.39	PASS
			1000~26500	-36.26	≤-13.39	PASS
	Ant1	2469.5	Reference	15.97	---	PASS
			30~1000	-49.99	≤-14.03	PASS
			1000~26500	-35.69	≤-14.03	PASS

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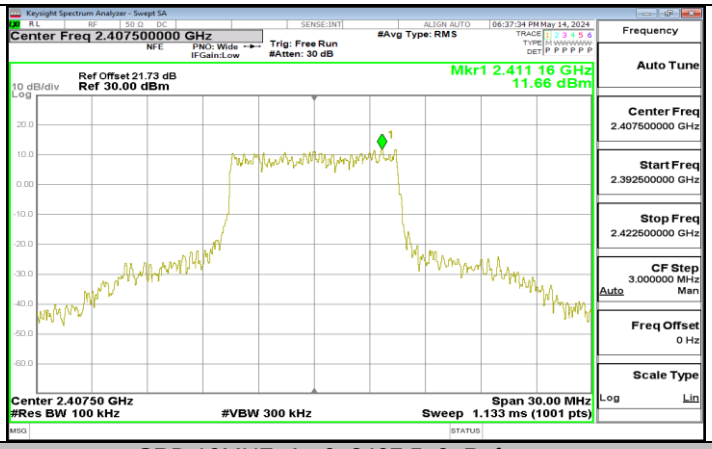
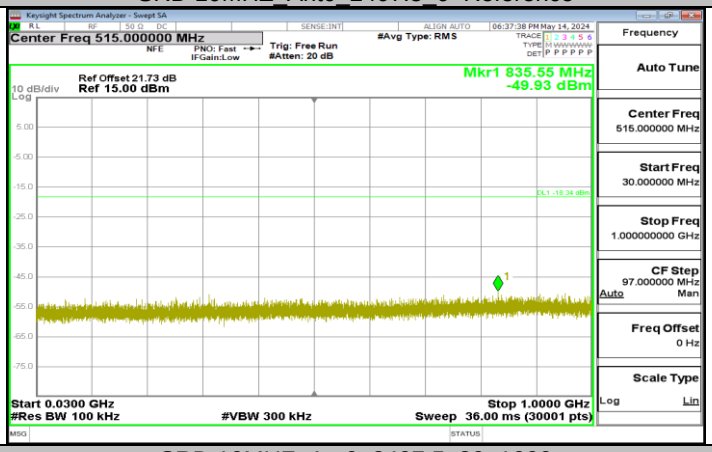
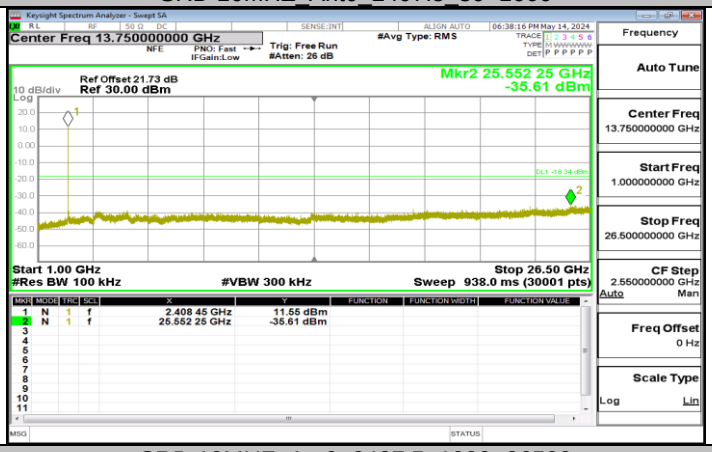


SRD 10MHZ_Ant0_2407.5_0~Reference



SRD 10MHZ_Ant0_2407.5_30~1000



SRD 10MHZ_Ant0_2407.5_1000~26500

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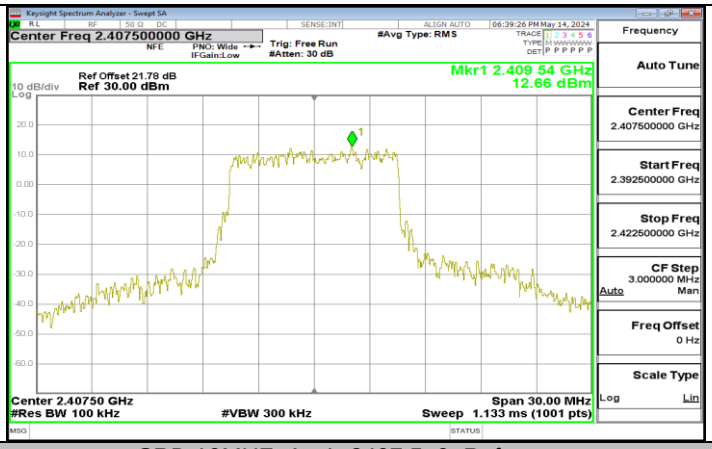
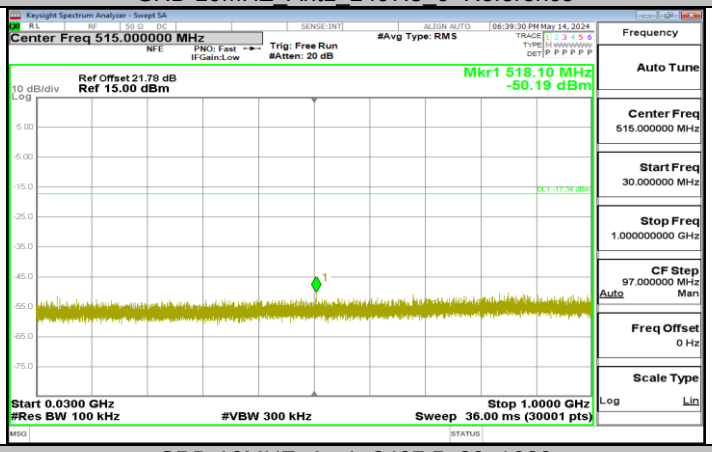
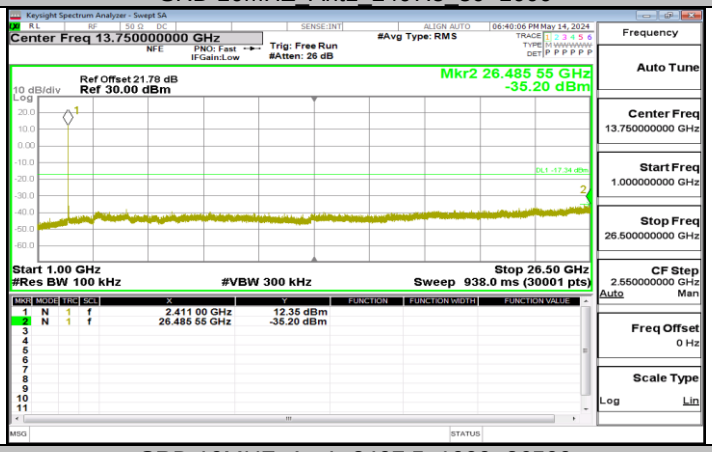


SRD 10MHZ_Ant1_2407.5_0~Reference



SRD 10MHZ_Ant1_2407.5_30~1000



SRD 10MHZ_Ant1_2407.5_1000~26500

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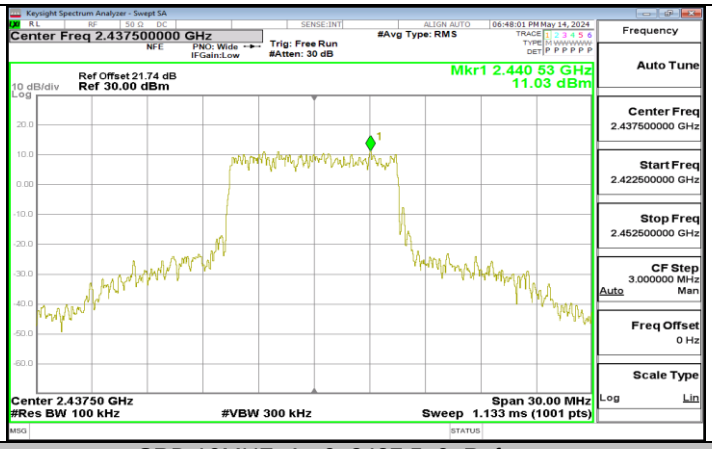
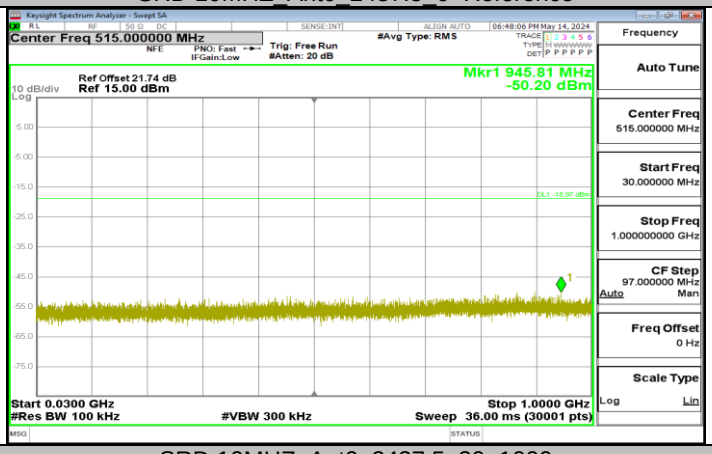
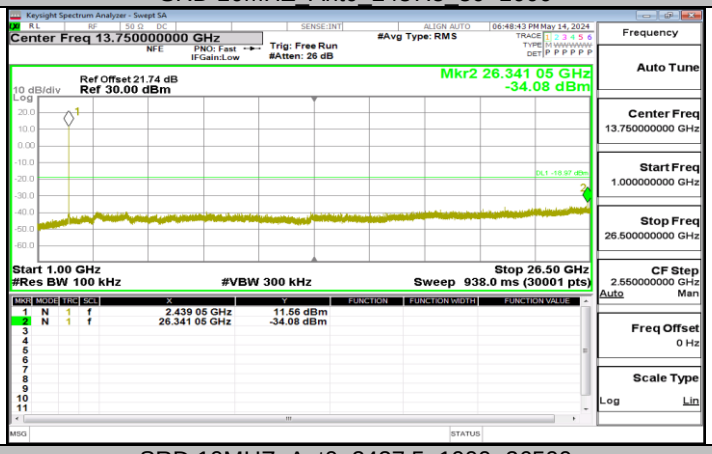


SRD 10MHZ_Ant0_2437.5_0~Reference



SRD 10MHZ_Ant0_2437.5_30~1000



SRD 10MHZ_Ant0_2437.5_1000~26500

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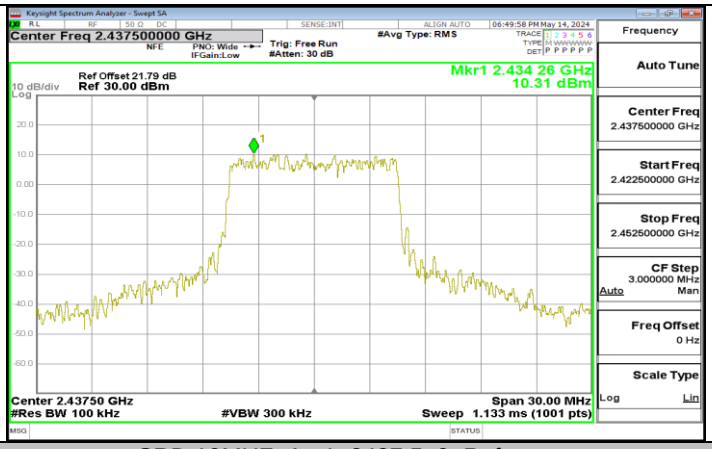
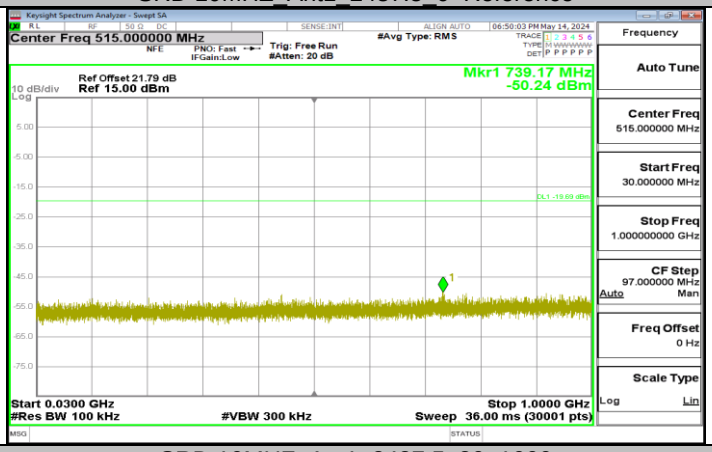
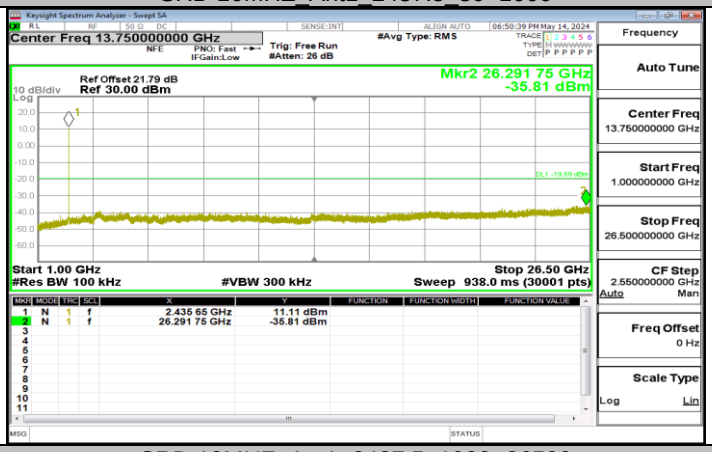


SRD 10MHZ_Ant1_2437.5_0~Reference



SRD 10MHZ_Ant1_2437.5_30~1000



SRD 10MHZ_Ant1_2437.5_1000~26500

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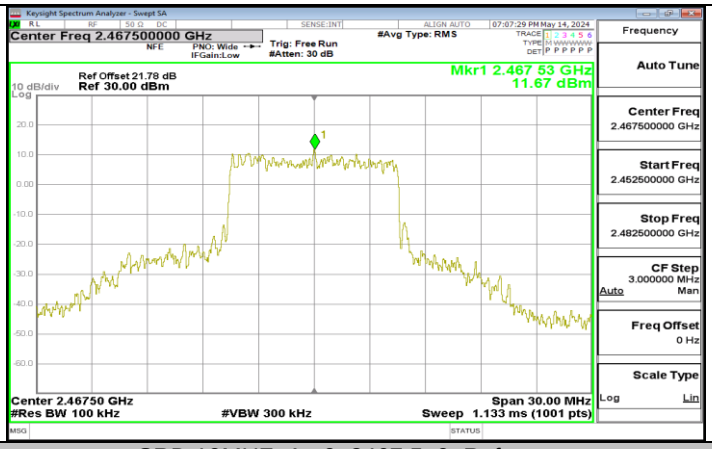
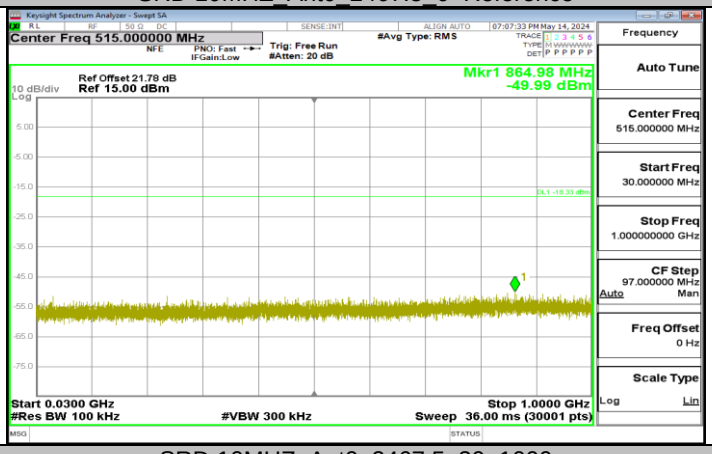
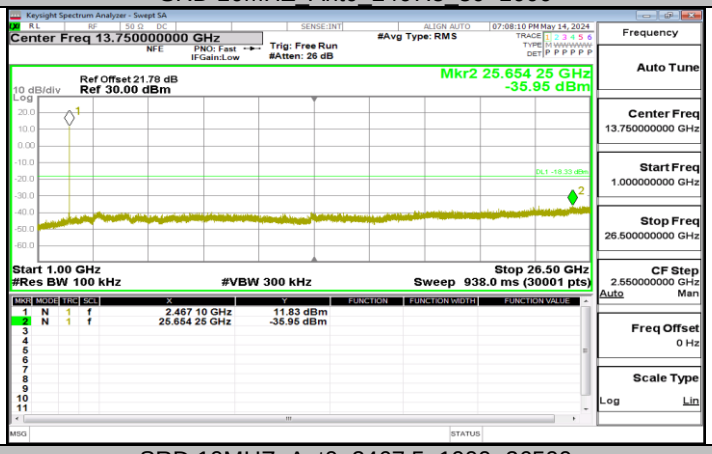


SRD 10MHZ_Ant0_2467.5_0~Reference



SRD 10MHZ_Ant0_2467.5_30~1000



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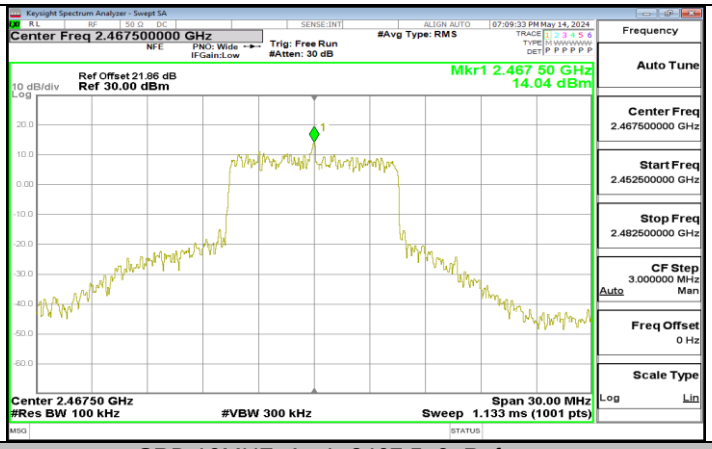

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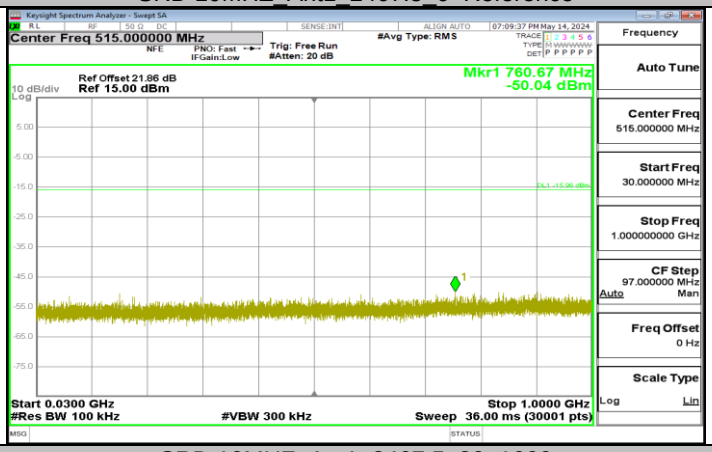

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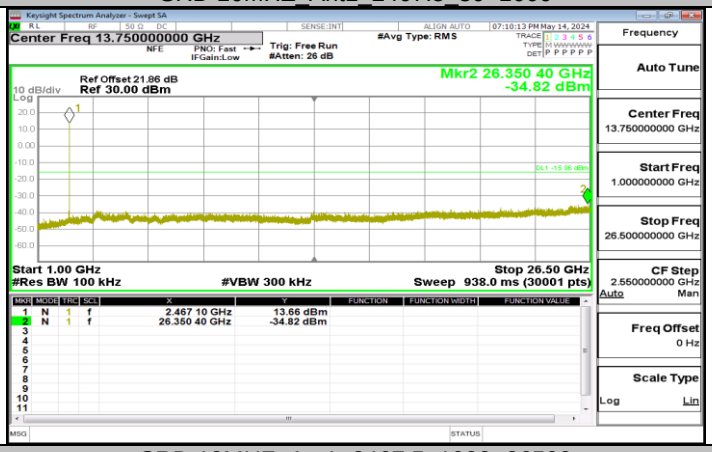

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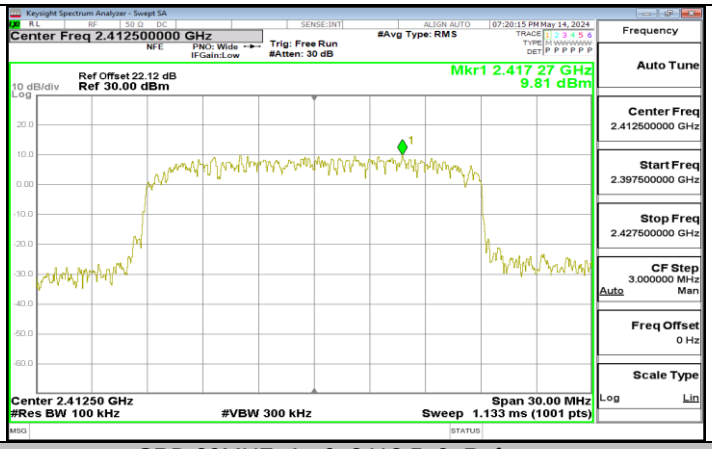

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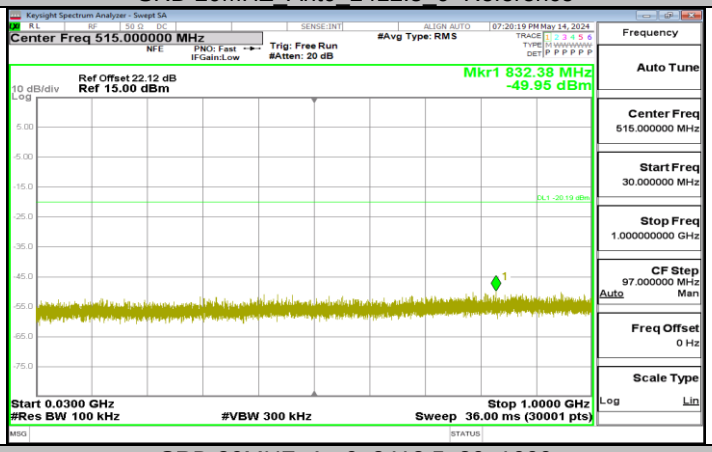

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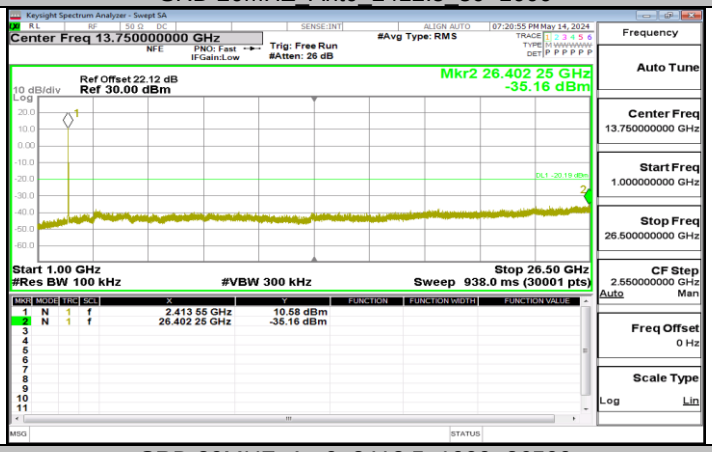

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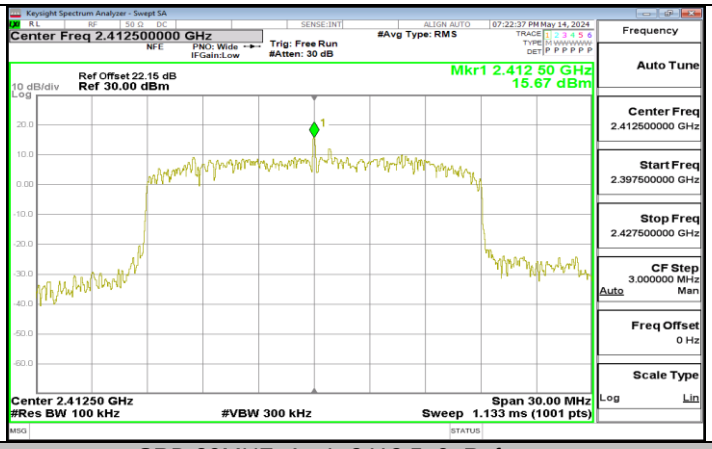

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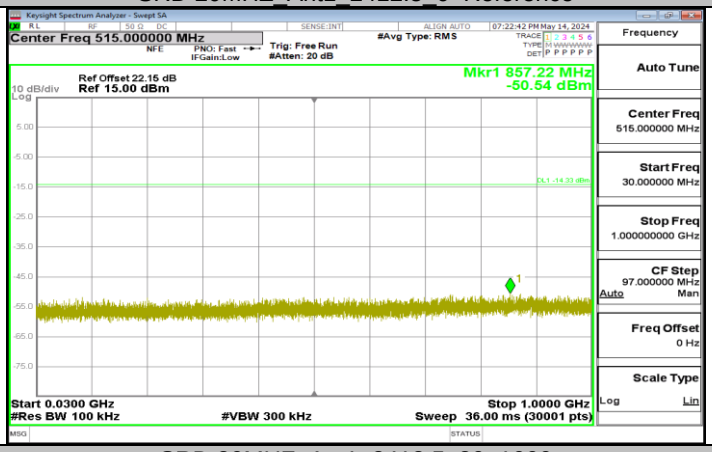

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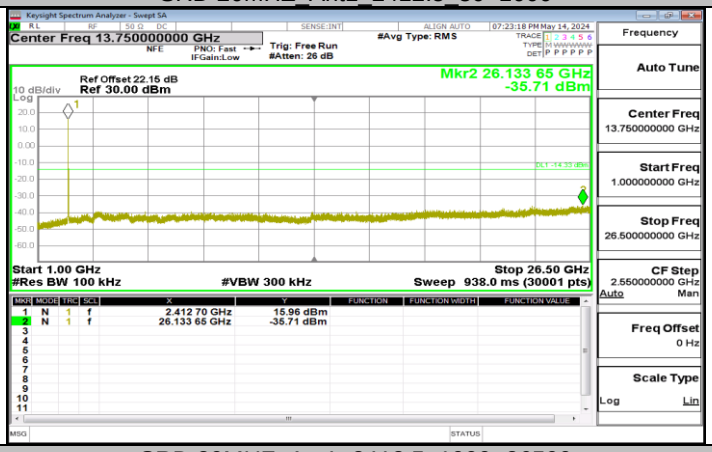

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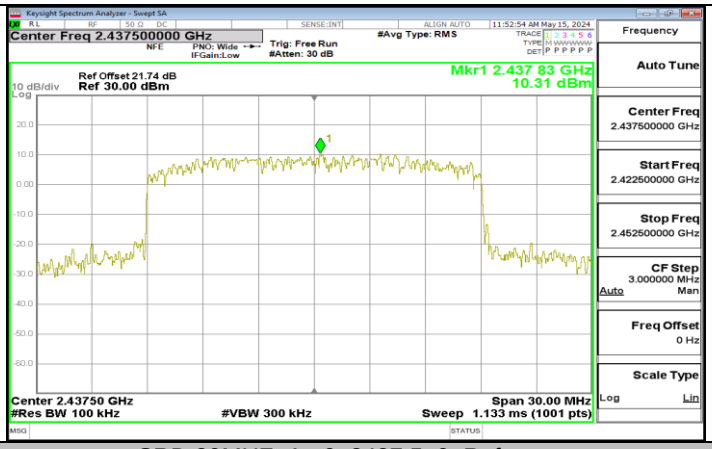

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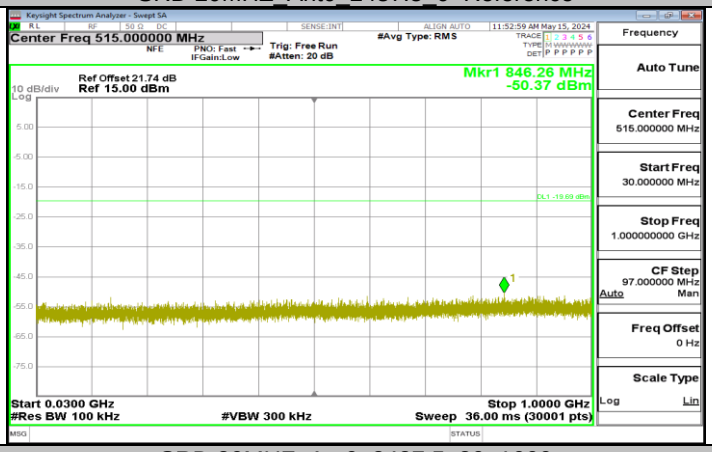

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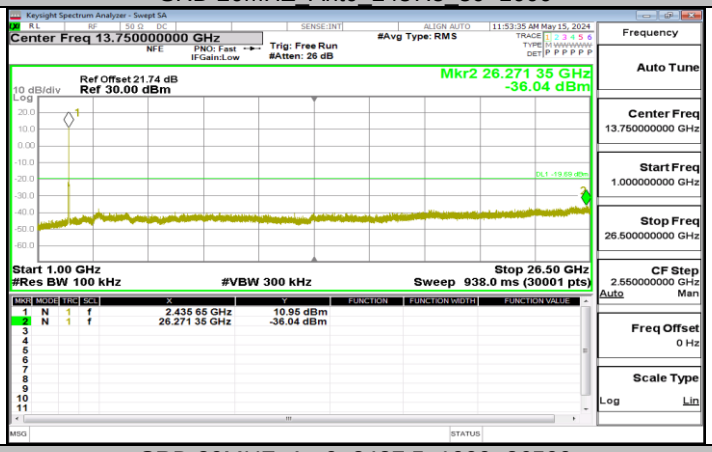

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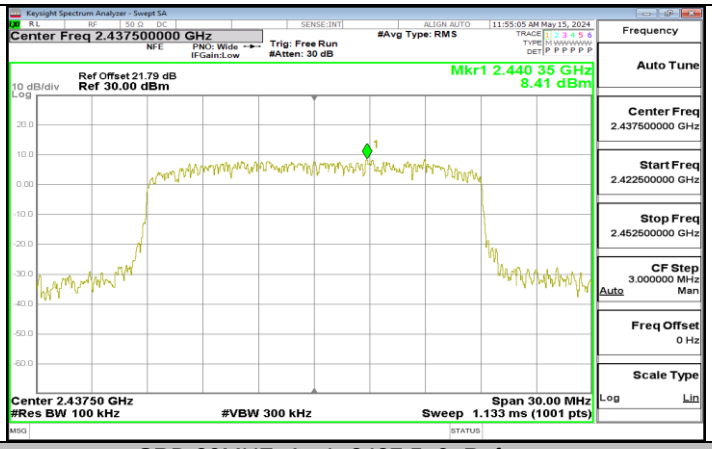

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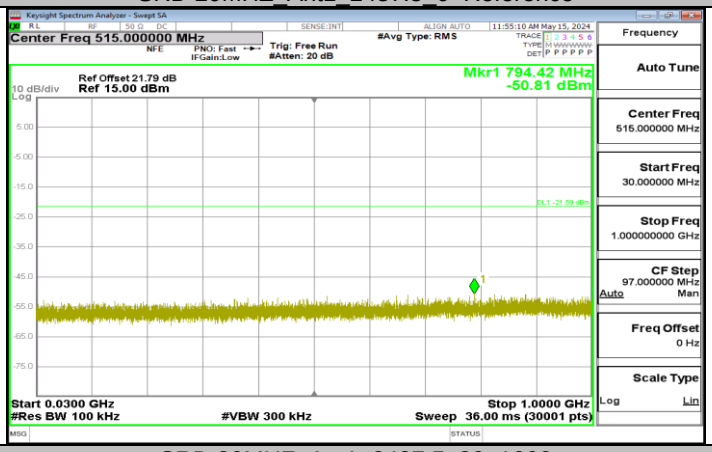

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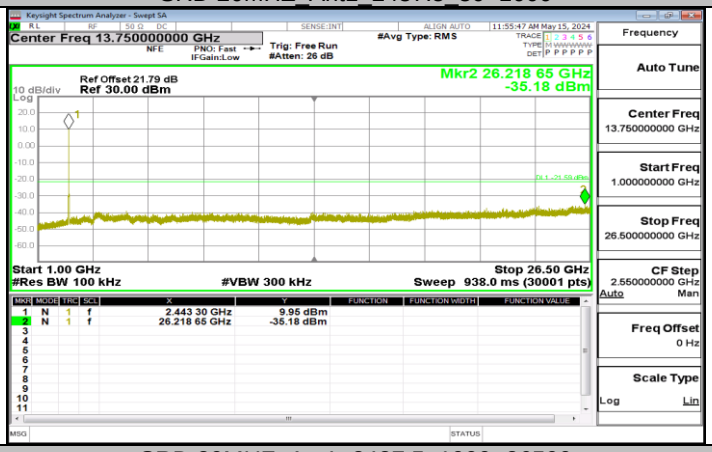

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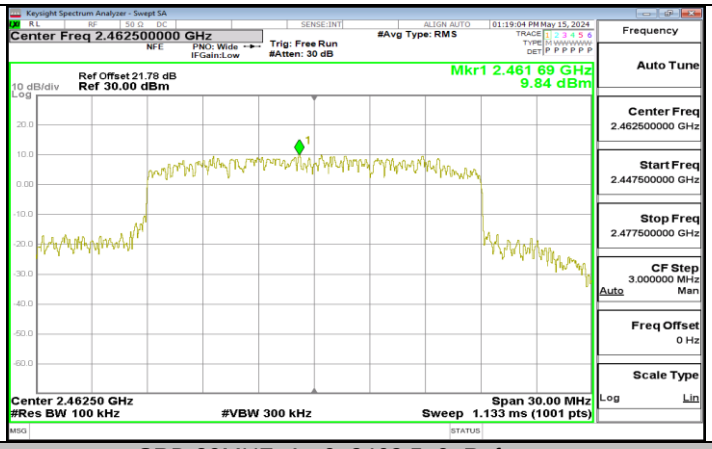

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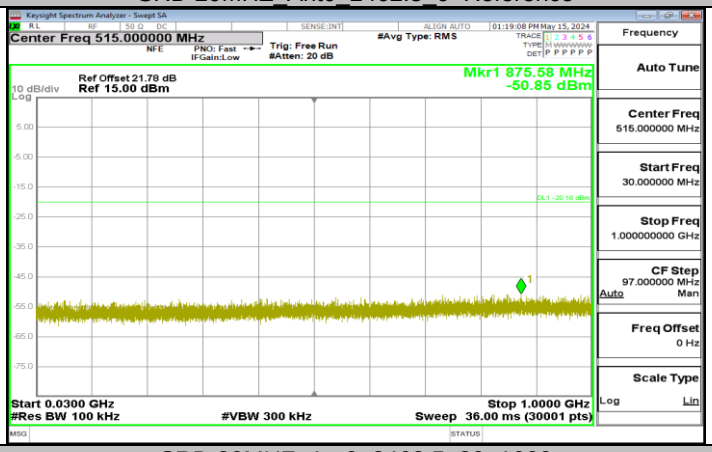

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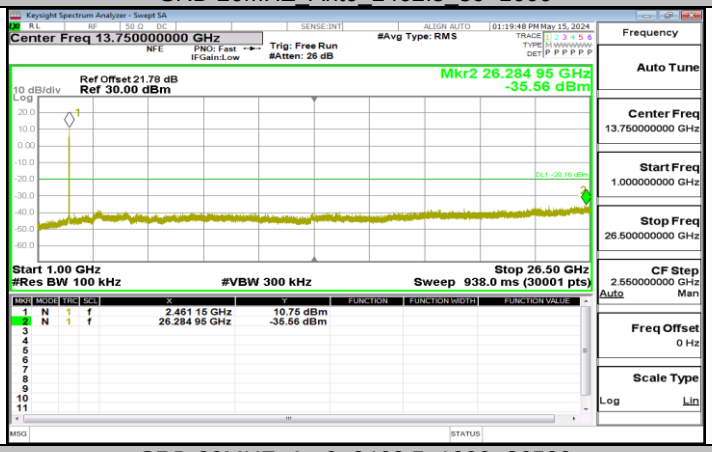

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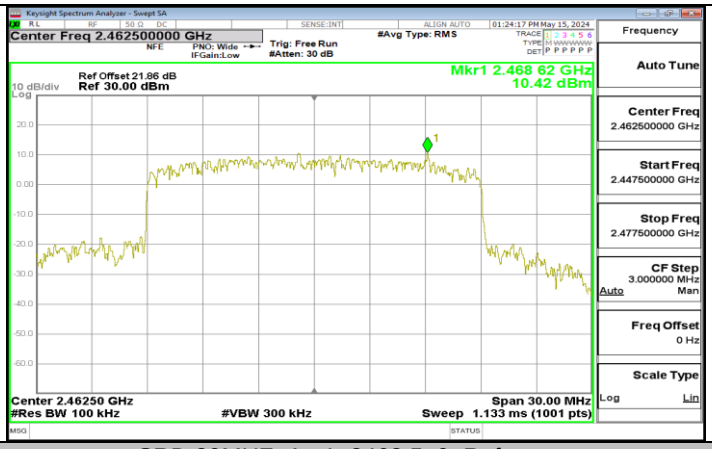

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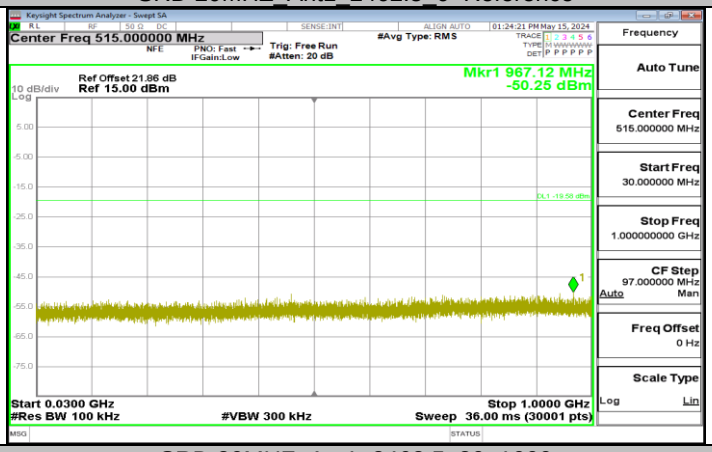

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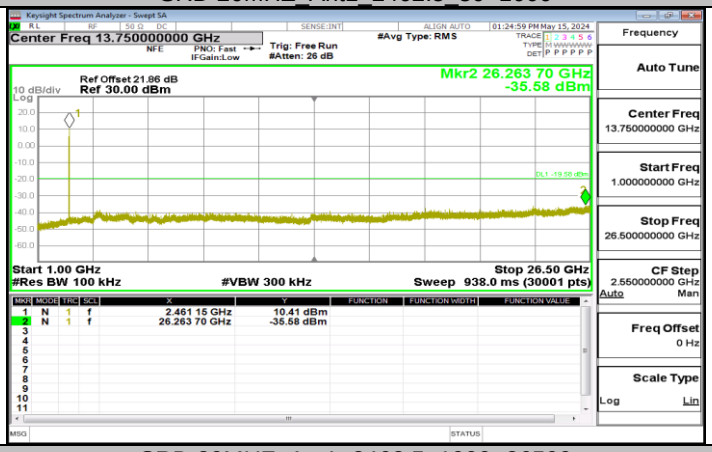

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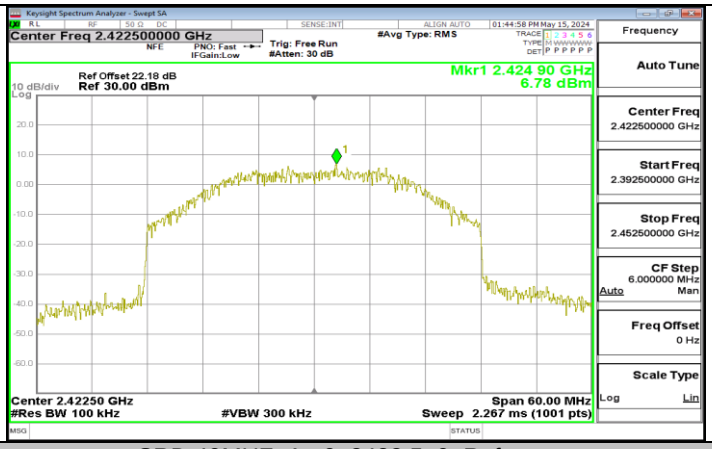

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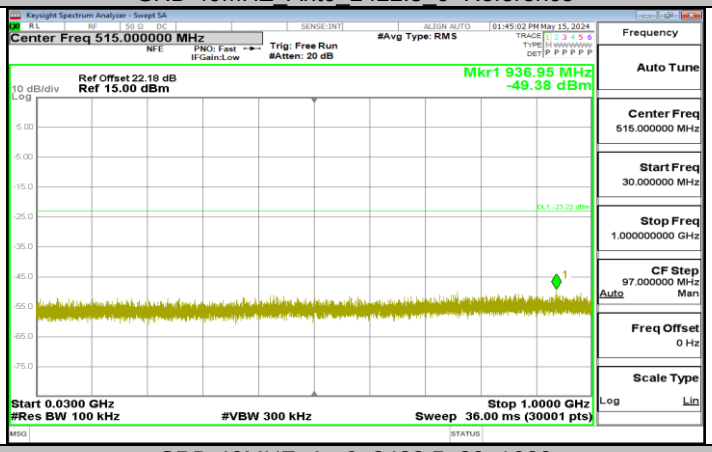

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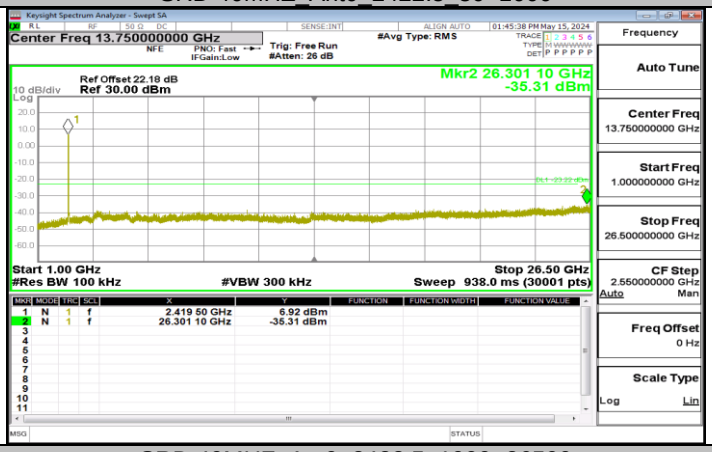

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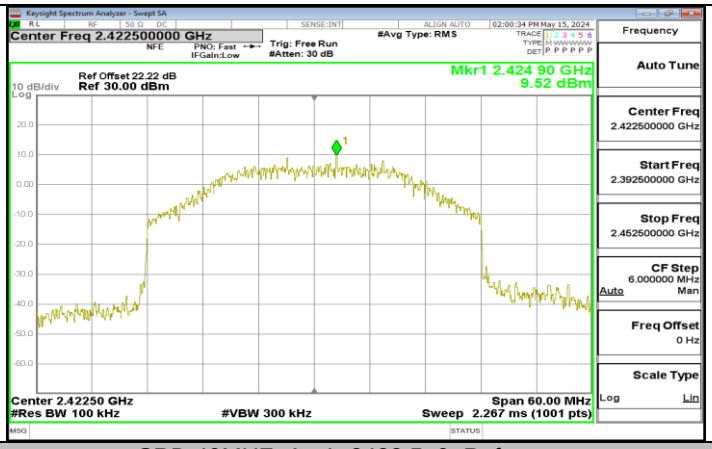

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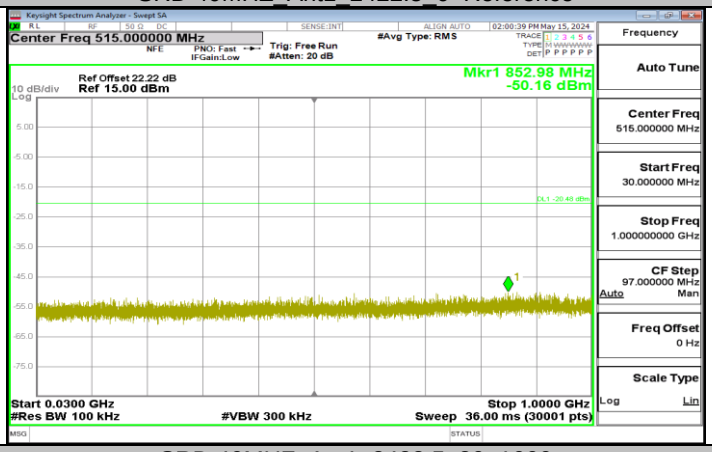

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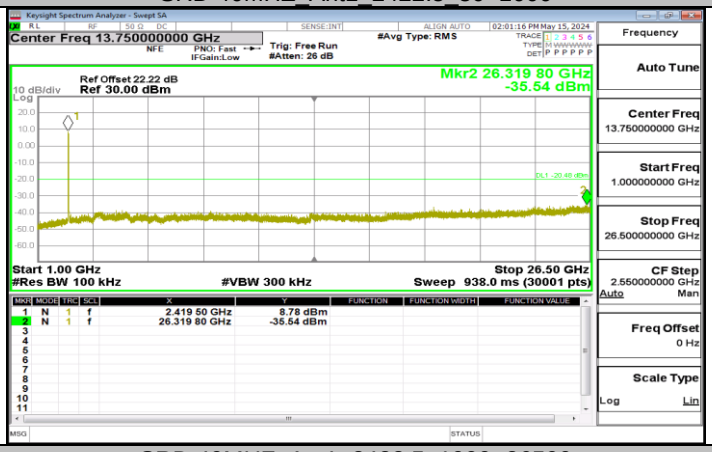

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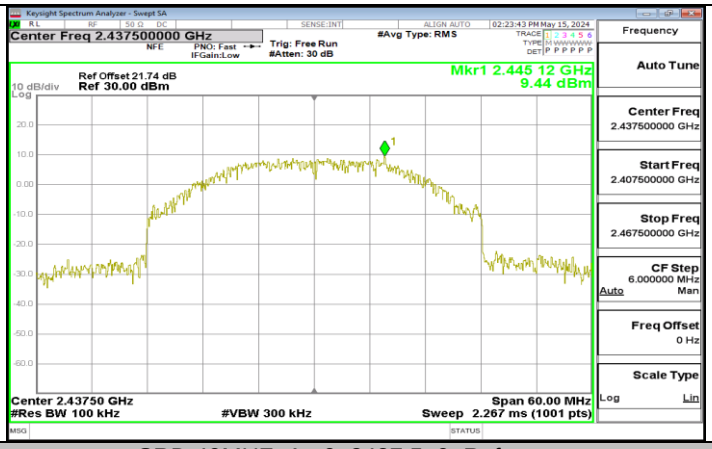

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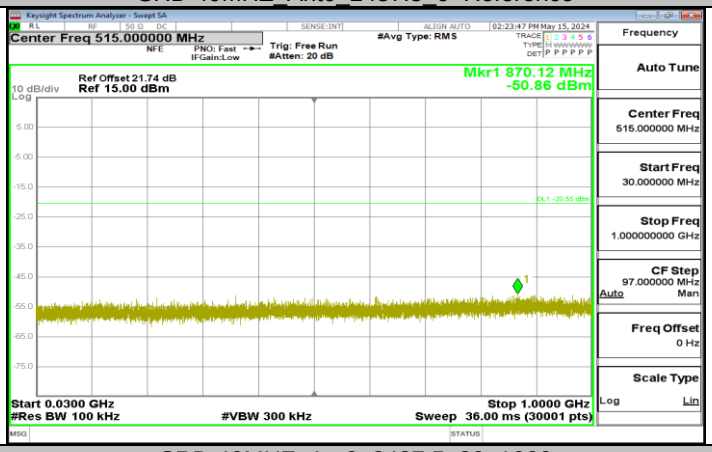

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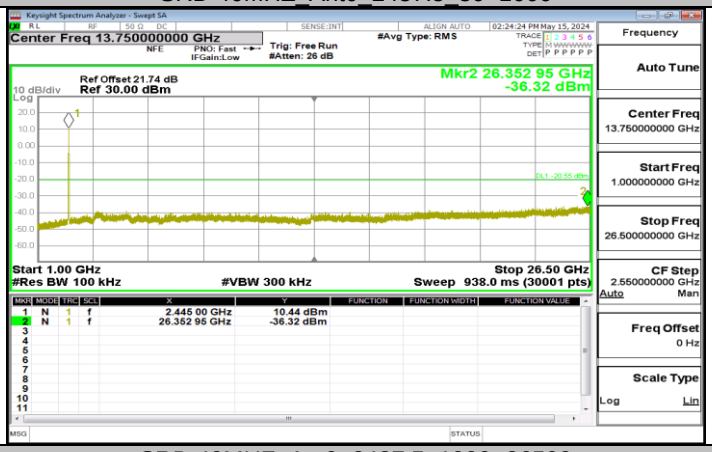

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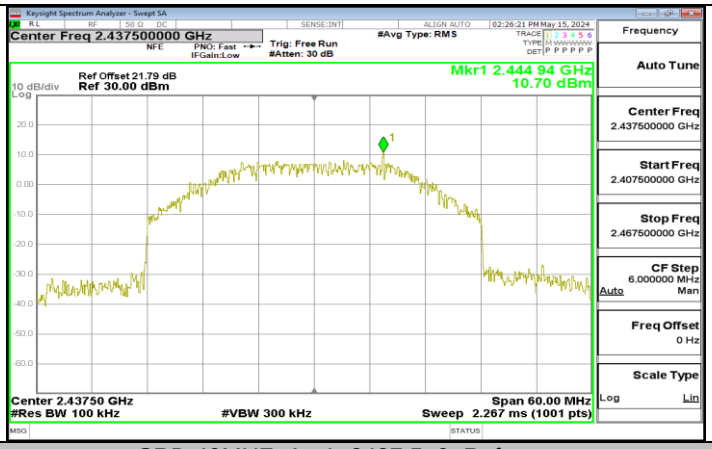

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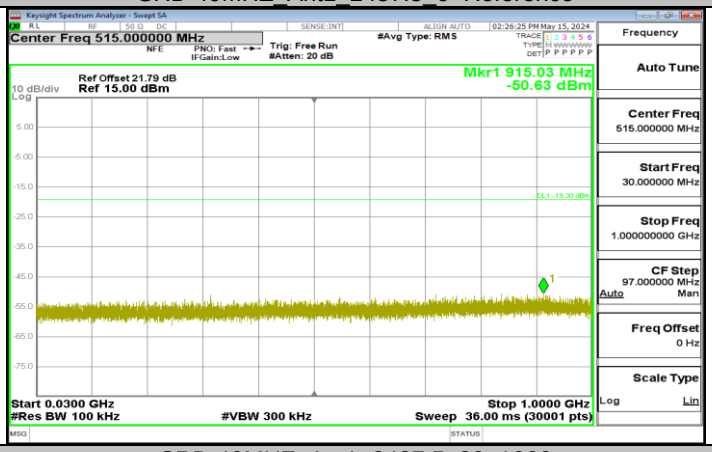

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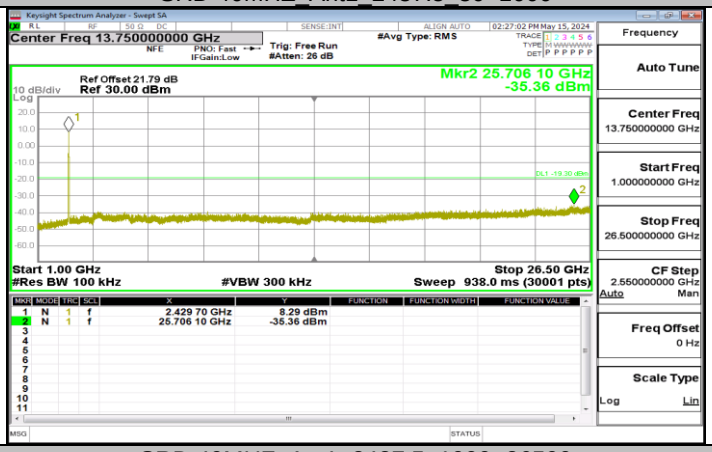

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