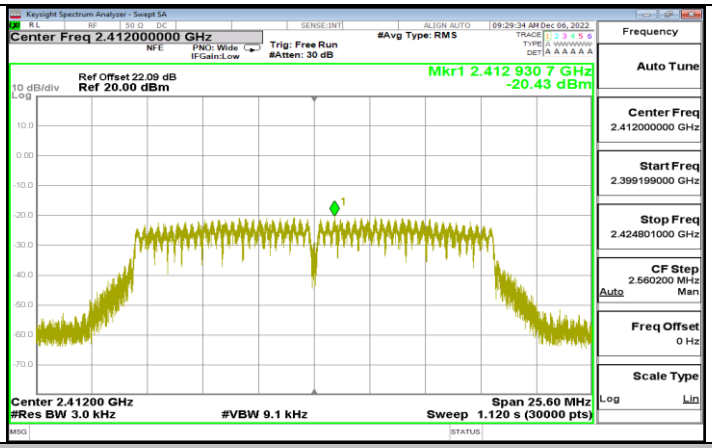

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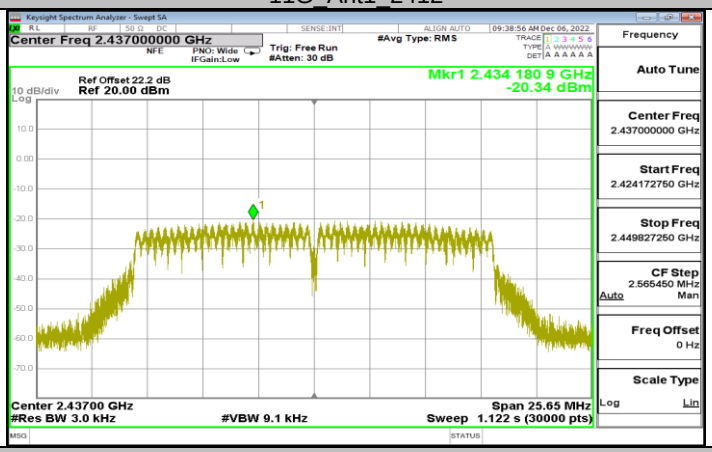

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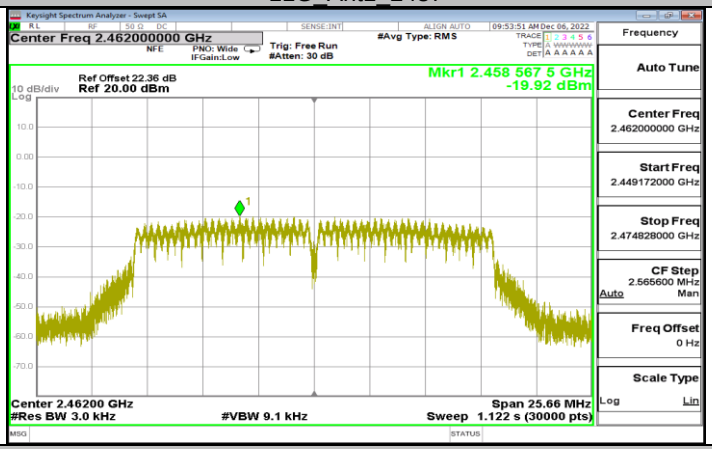

11G_Ant1_2462

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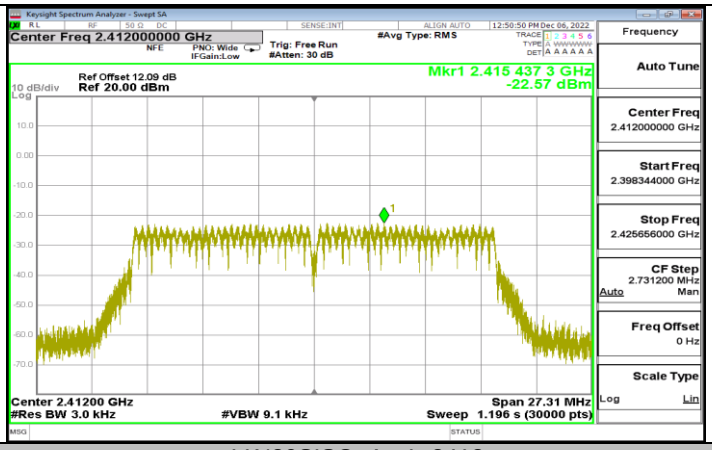

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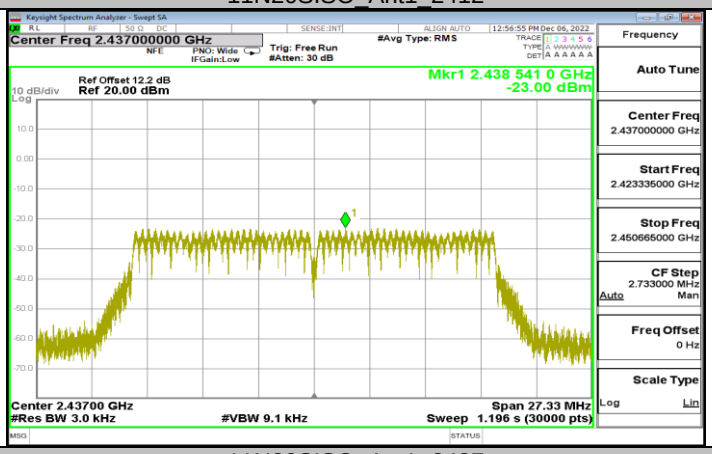

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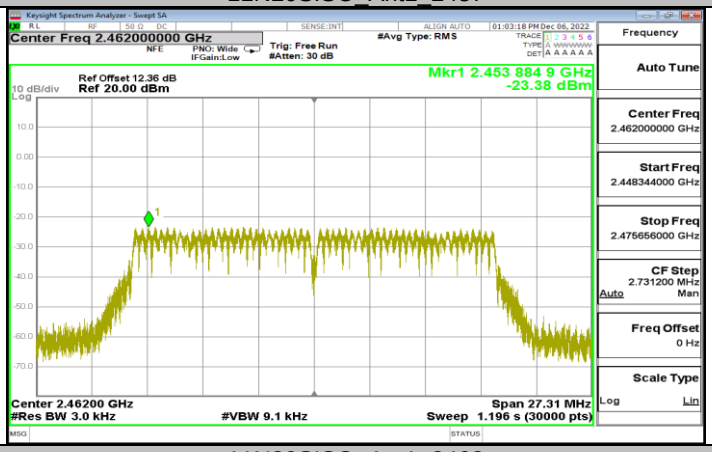

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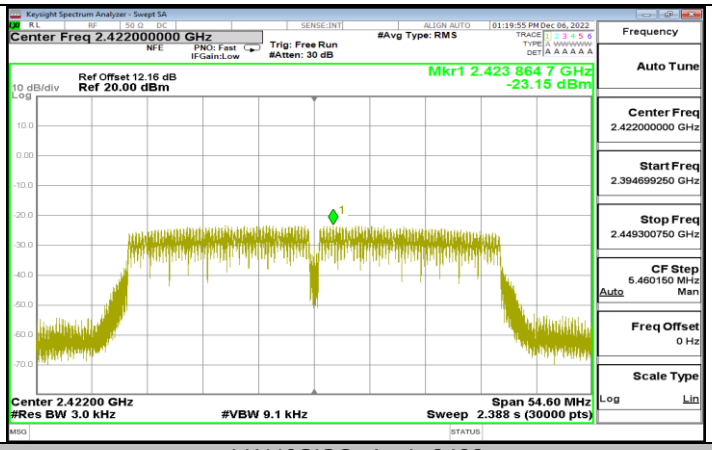

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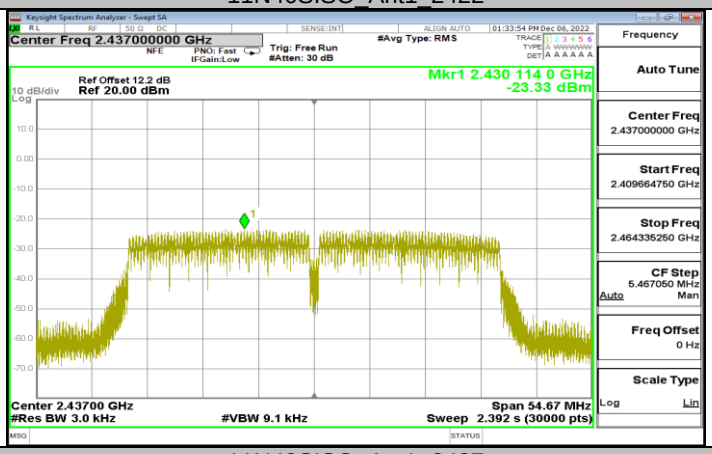

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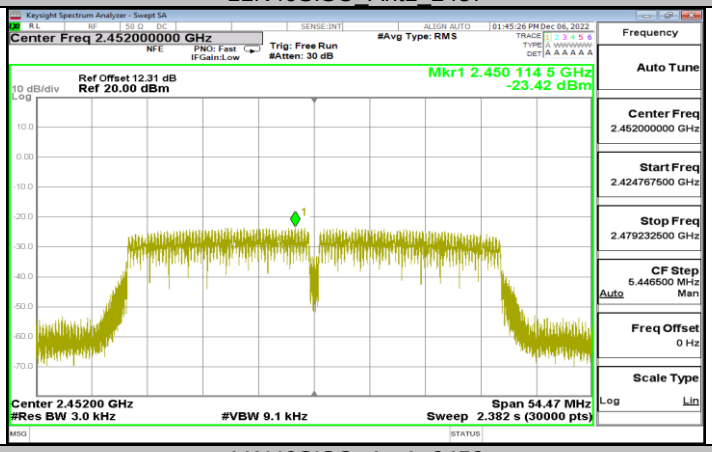

11N40SISO_Ant1_2452

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11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.67	-23.66	≤-23.33	PASS
		High	2462	6.42	-37.19	≤-23.58	PASS
11G	Ant1	Low	2412	0.31	-31.68	≤-29.69	PASS
		High	2462	-1.56	-37.72	≤-31.56	PASS
11N20SISO	Ant1	Low	2412	-3.89	-35.31	≤-33.89	PASS
		High	2462	-4.33	-42.64	≤-34.33	PASS
11N40SISO	Ant1	Low	2422	-4.90	-35.28	≤-34.9	PASS
		High	2452	-5.13	-36.13	≤-35.13	PASS

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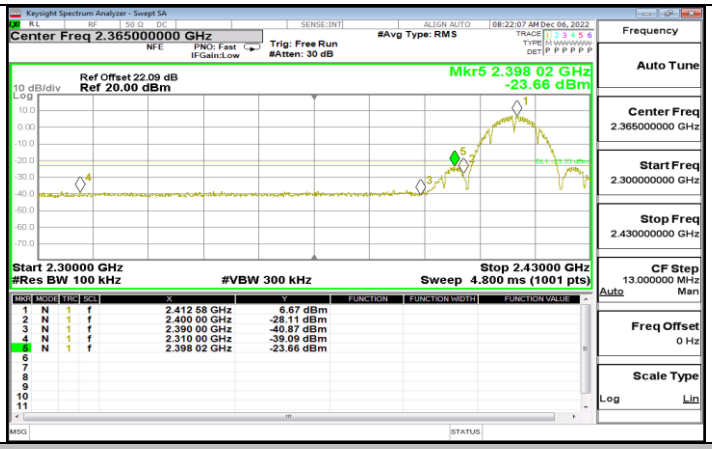
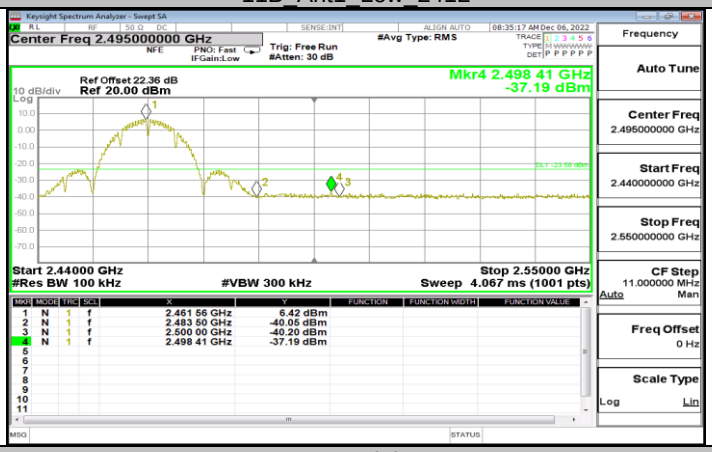
11.5.2. Test Graphs



11B_Ant1_Low_2412



11B_Ant1_High_2462

11G_Ant1_Low_2412

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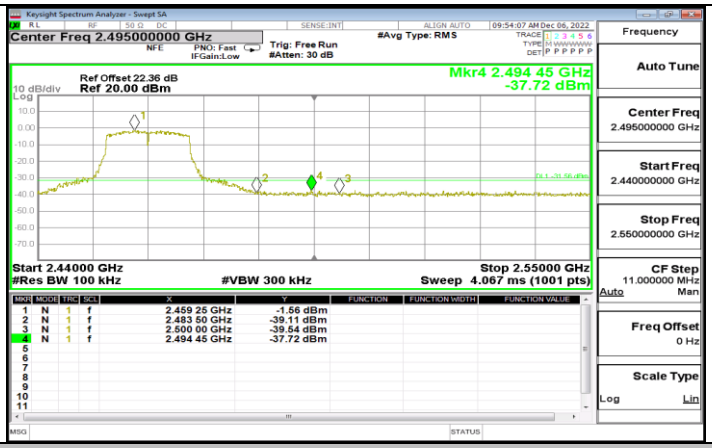

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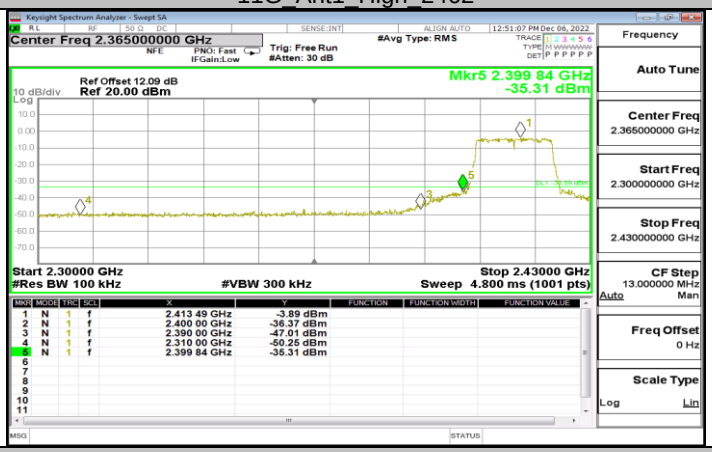

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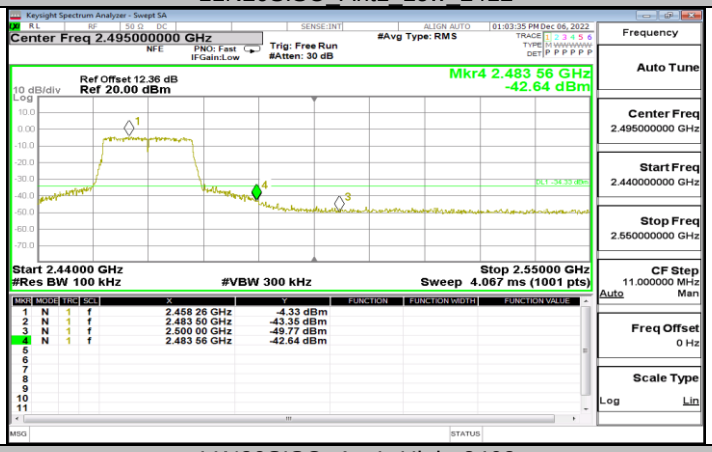

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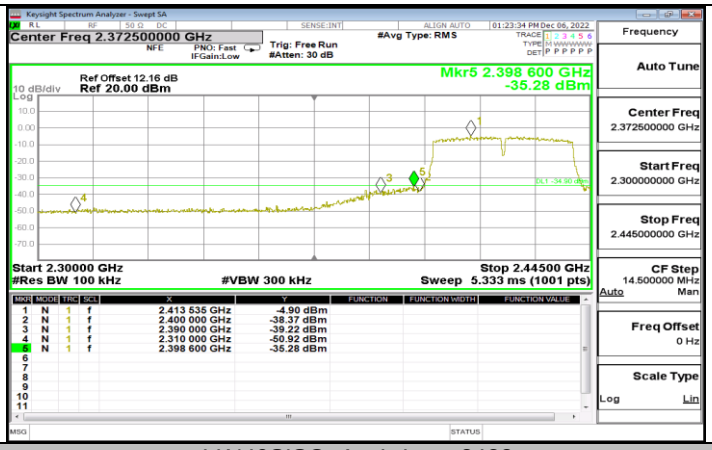

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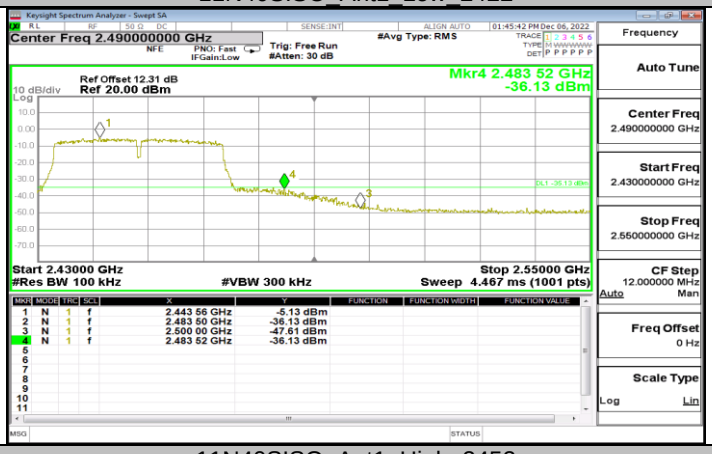

11N40SISO_Ant1_High_2452

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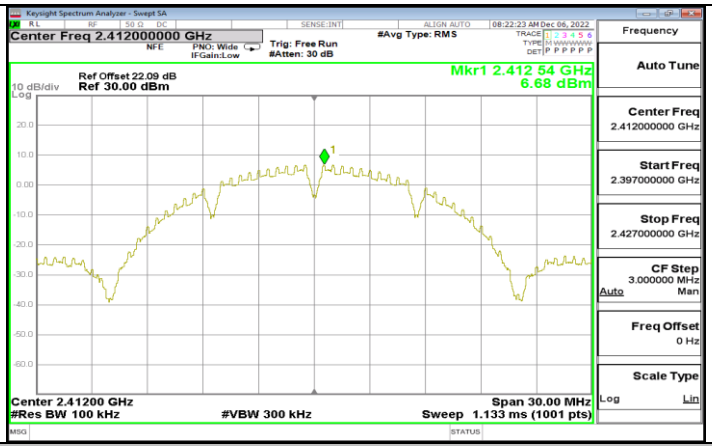
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.68	6.68	---	PASS
			30~1000	6.68	-49.11	≤-23.32	PASS
			1000~26500	6.68	-41.38	≤-23.32	PASS
		2437	Reference	6.54	6.54	---	PASS
			30~1000	6.54	-49.18	≤-23.46	PASS
			1000~26500	6.54	-41.91	≤-23.46	PASS
		2462	Reference	6.42	6.42	---	PASS
			30~1000	6.42	-48.97	≤-23.58	PASS
			1000~26500	6.42	-41.96	≤-23.58	PASS
11G	Ant1	2412	Reference	-2.58	-2.58	---	PASS
			30~1000	-2.58	-49.25	≤-32.58	PASS
			1000~26500	-2.58	-41.66	≤-32.58	PASS
		2437	Reference	-2.82	-2.82	---	PASS
			30~1000	-2.82	-49.4	≤-32.82	PASS
			1000~26500	-2.82	-41.55	≤-32.82	PASS
		2462	Reference	-2.79	-2.79	---	PASS
			30~1000	-2.79	-49.6	≤-32.79	PASS
			1000~26500	-2.79	-41.99	≤-32.79	PASS
11N20SISO	Ant1	2412	Reference	-4.11	-4.11	---	PASS
			30~1000	-4.11	-59.87	≤-34.11	PASS
			1000~26500	-4.11	-51.57	≤-34.11	PASS
		2437	Reference	-4.31	-4.31	---	PASS
			30~1000	-4.31	-59.42	≤-34.31	PASS
			1000~26500	-4.31	-52.41	≤-34.31	PASS
		2462	Reference	-4.48	-4.48	---	PASS
			30~1000	-4.48	-59.58	≤-34.48	PASS
			1000~26500	-4.48	-51.94	≤-34.48	PASS
11N40SISO	Ant1	2422	Reference	-5.07	-5.07	---	PASS
			30~1000	-5.07	-59.77	≤-35.07	PASS
			1000~26500	-5.07	-51.58	≤-35.07	PASS
		2437	Reference	-5.19	-5.19	---	PASS
			30~1000	-5.19	-59.29	≤-35.19	PASS
			1000~26500	-5.19	-51.65	≤-35.19	PASS
		2452	Reference	-5.15	-5.15	---	PASS
			30~1000	-5.15	-59.42	≤-35.15	PASS
			1000~26500	-5.15	-51.6	≤-35.15	PASS

11.6.2. Test Graphs



11B_Ant1_2412_0~Reference

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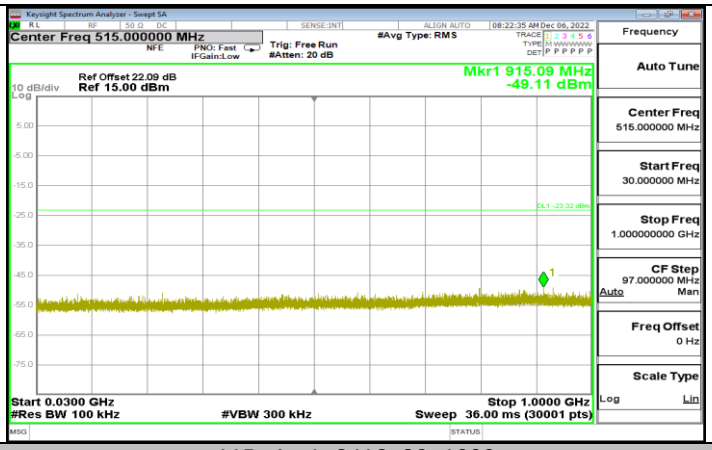

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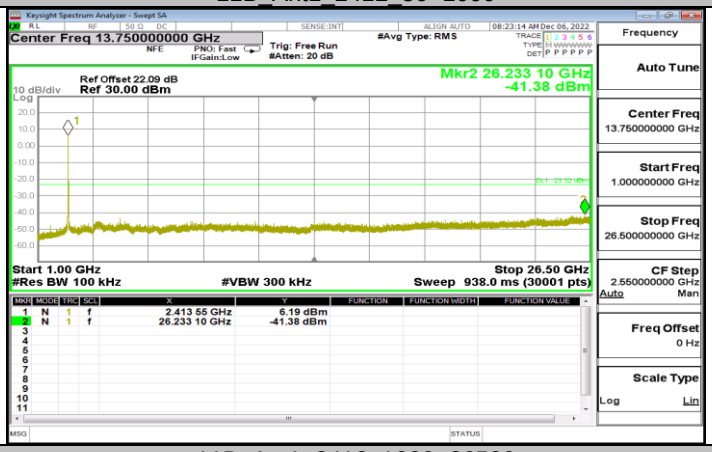

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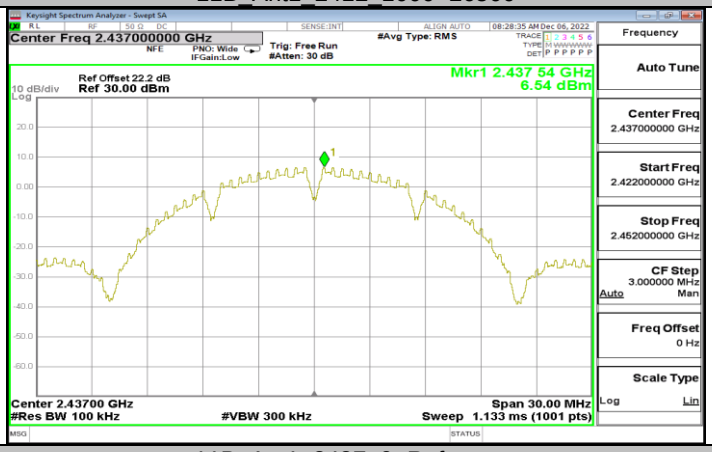

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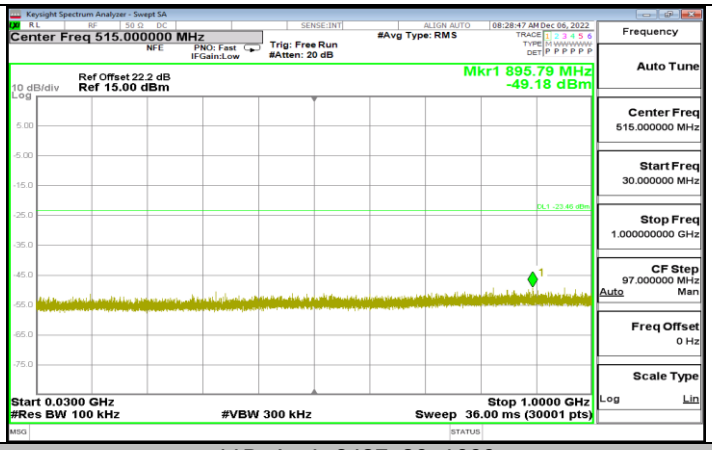

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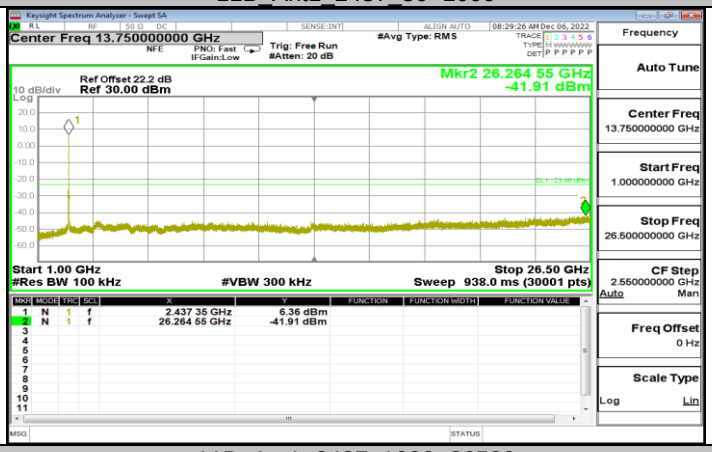

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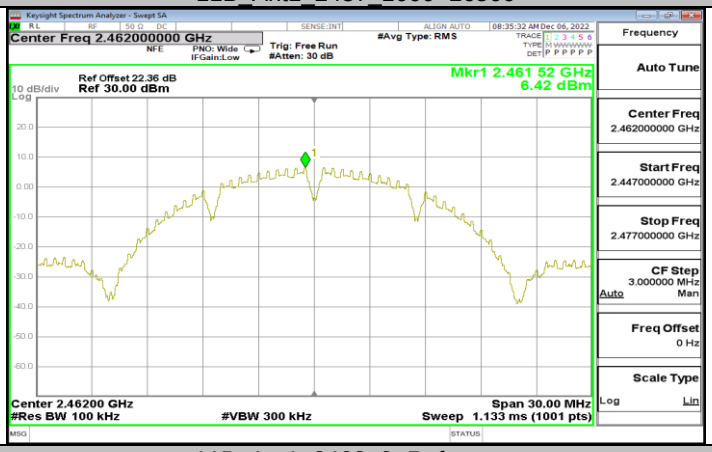

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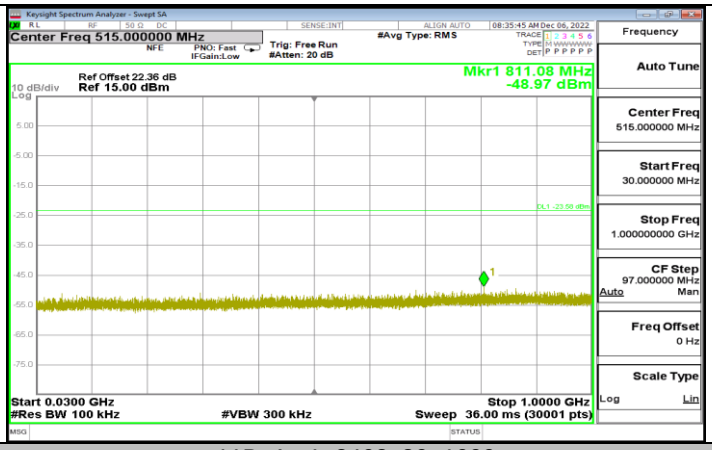

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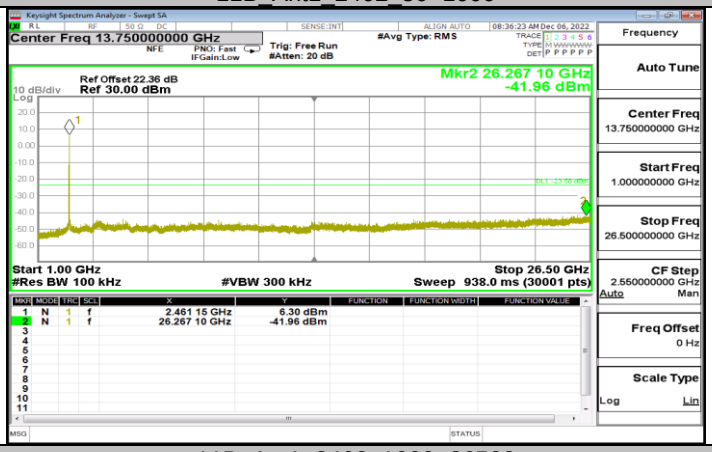

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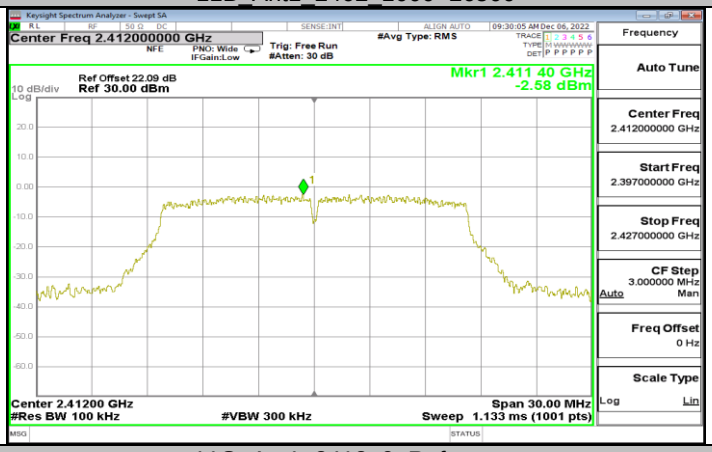

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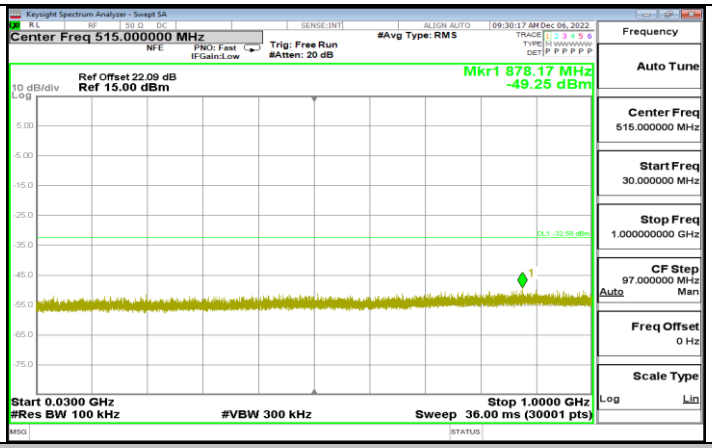

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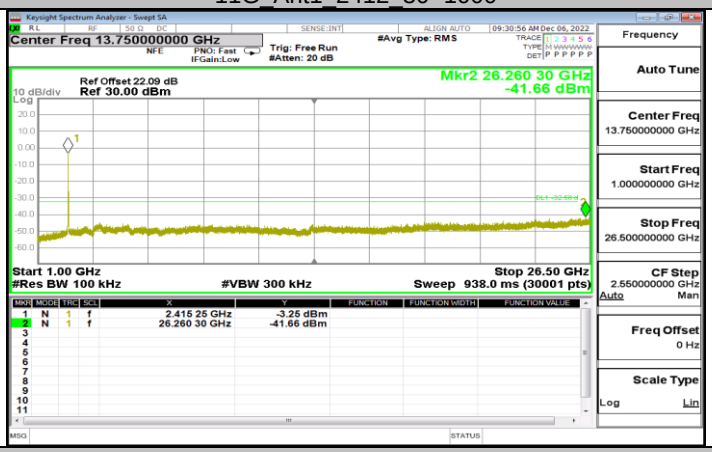

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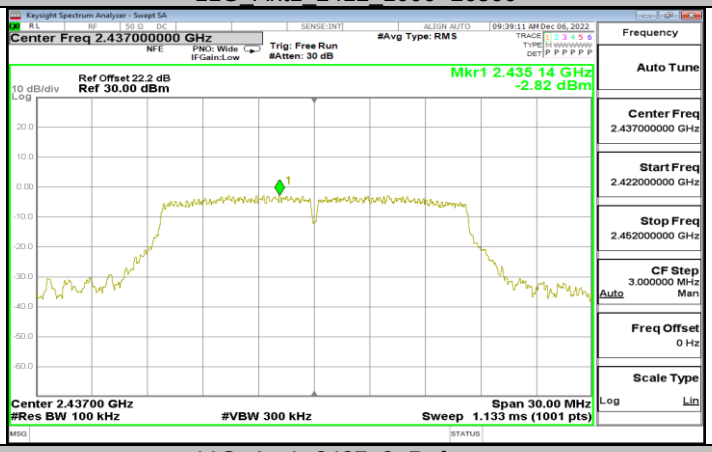

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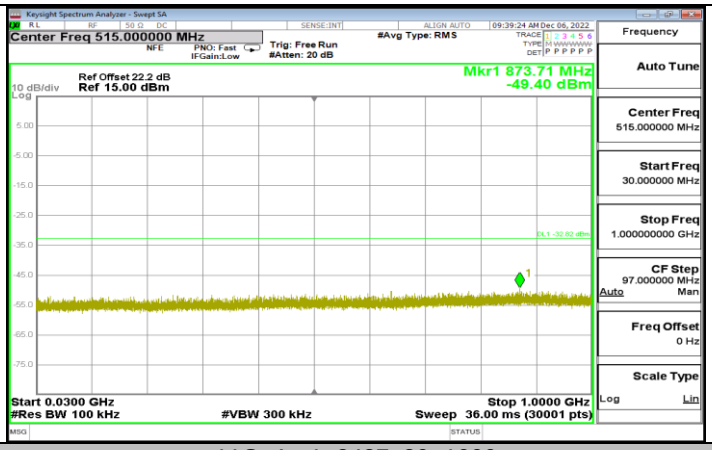

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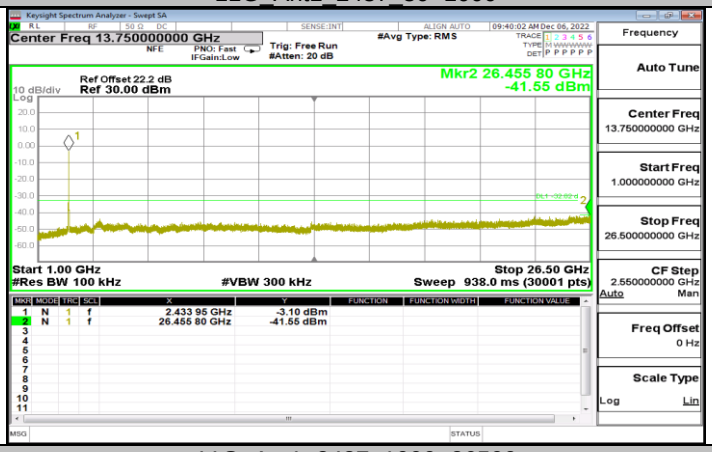

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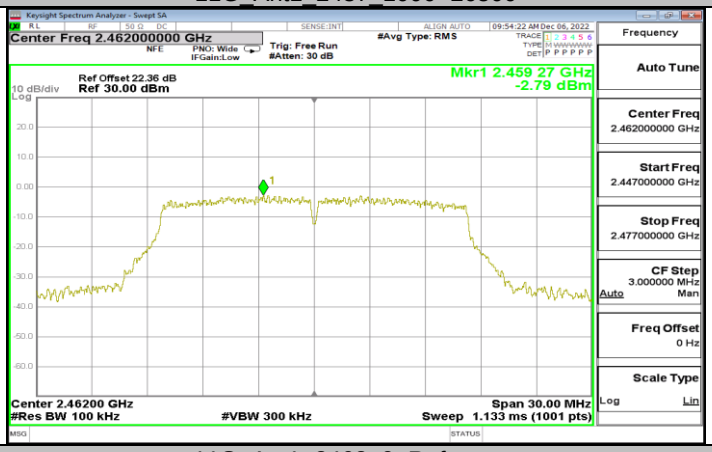

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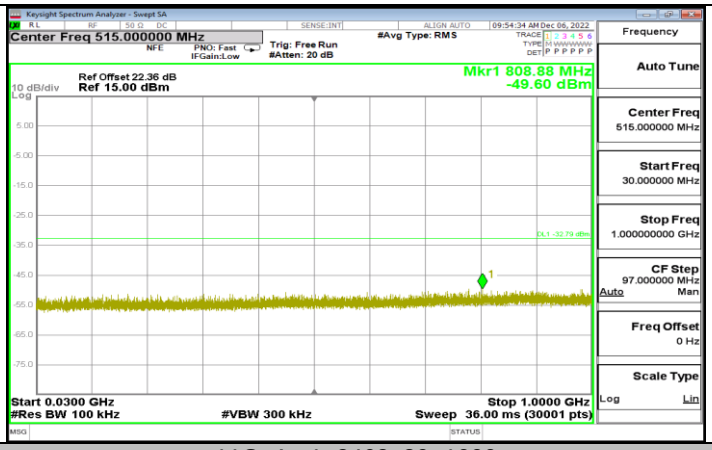

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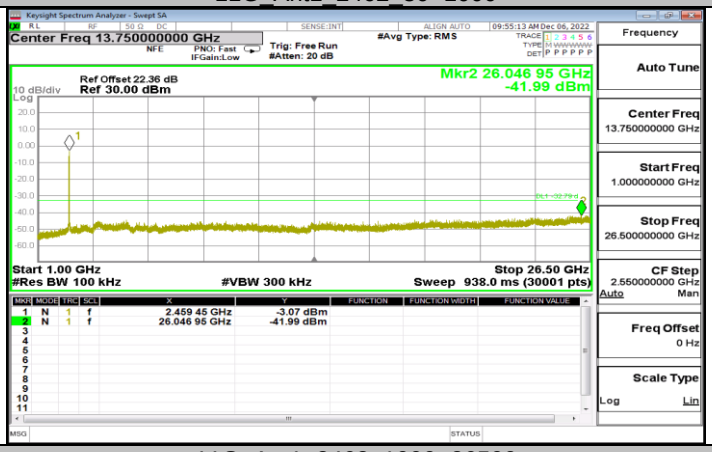

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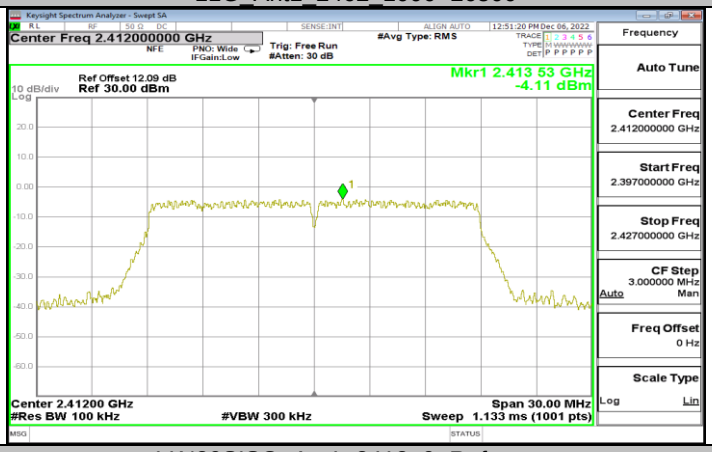

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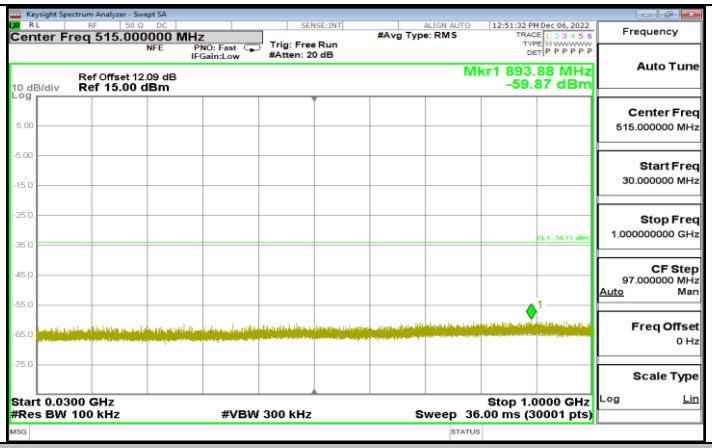

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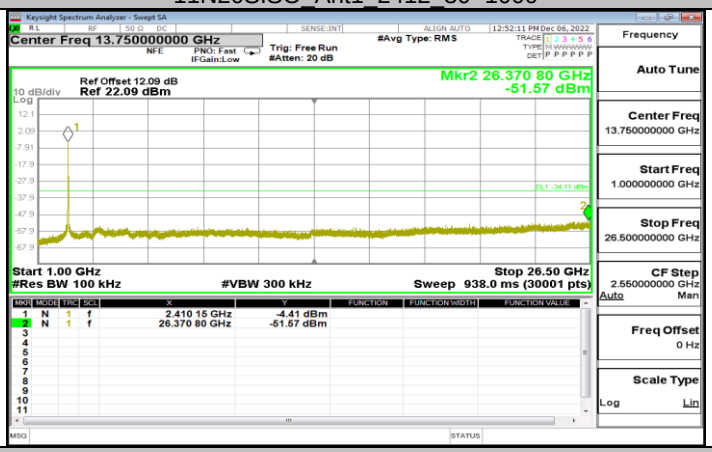

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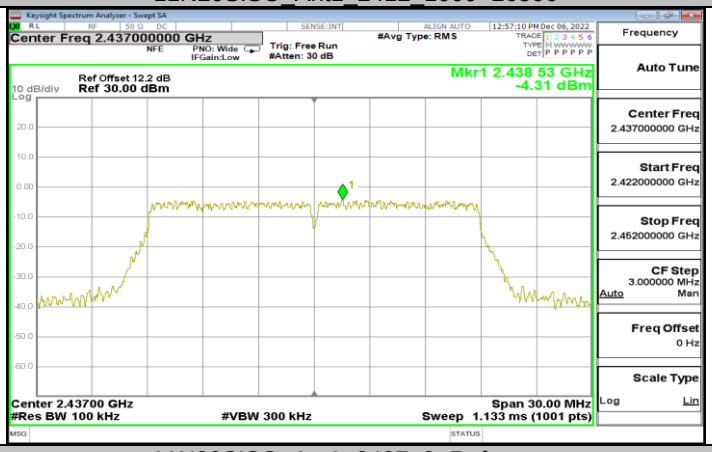

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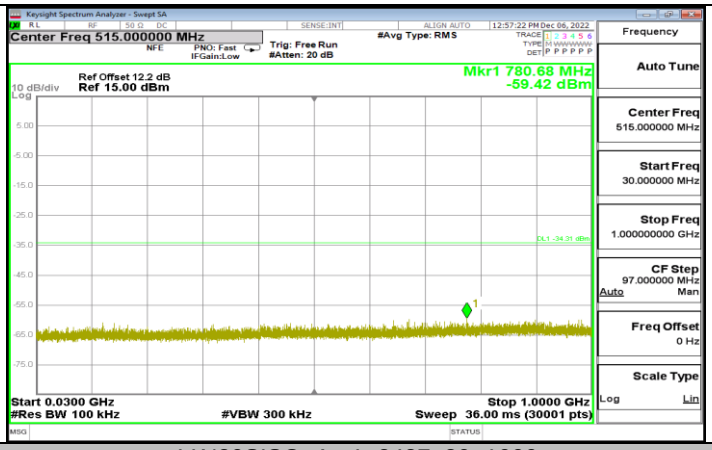

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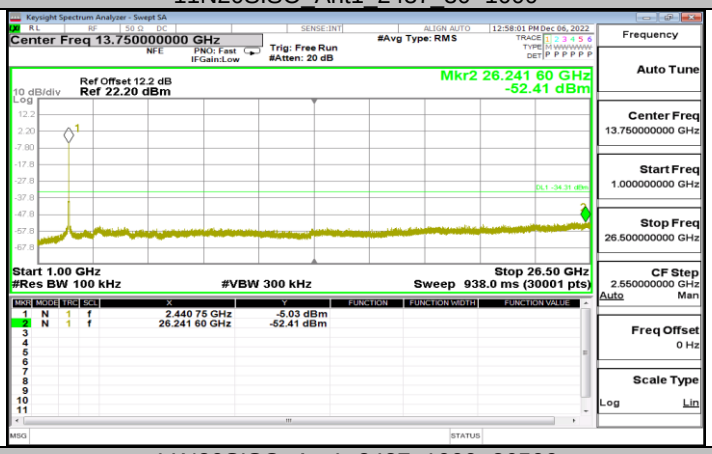

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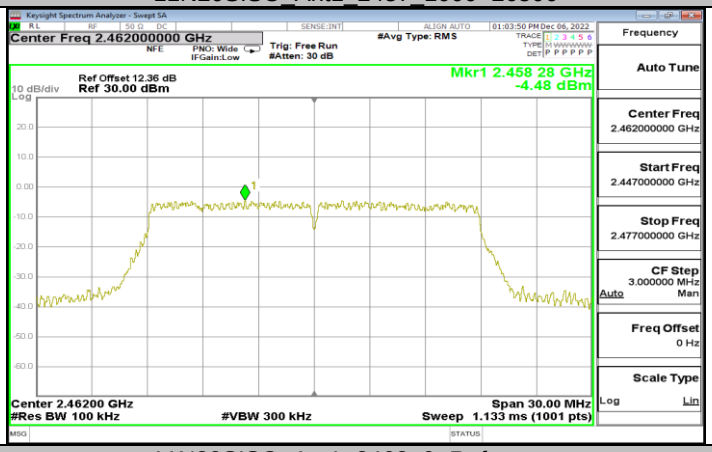

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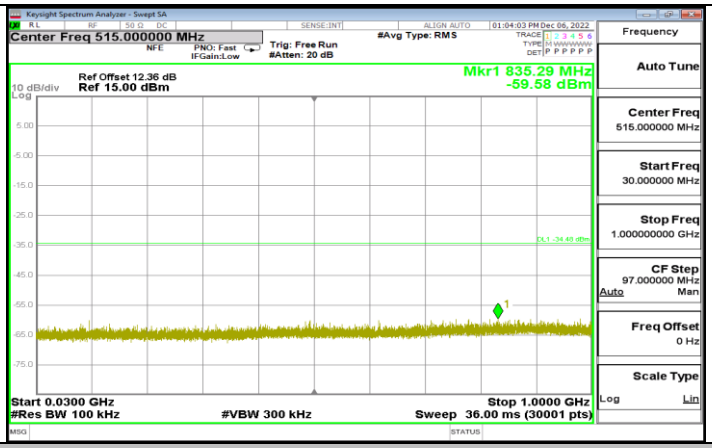

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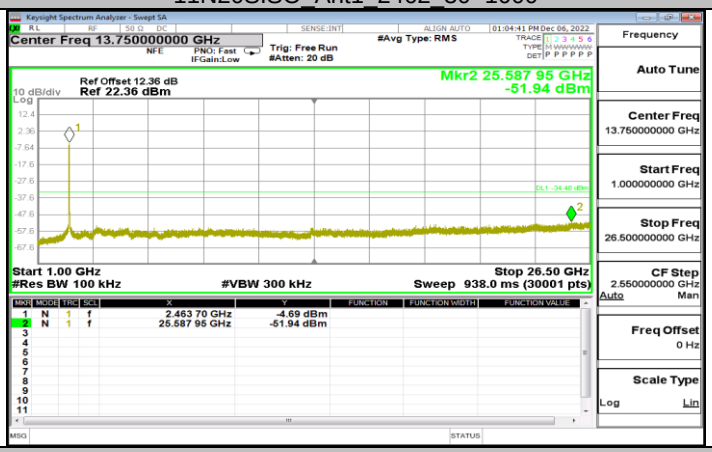

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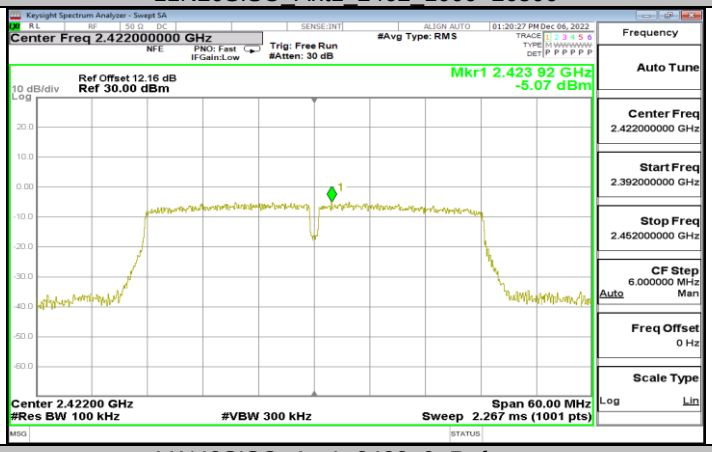

11N40SISO_Ant1_2422_0~Reference

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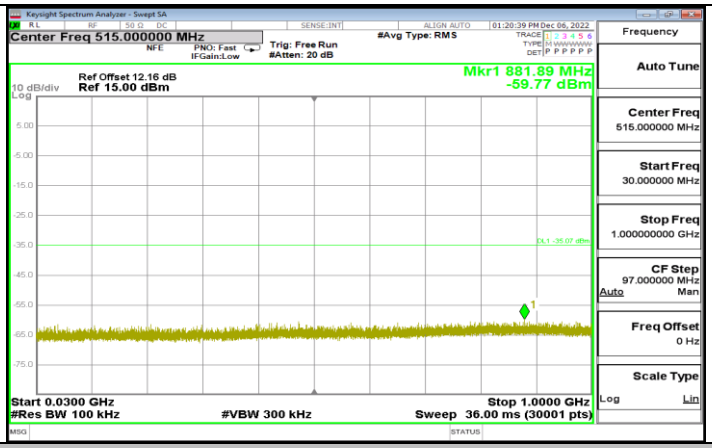
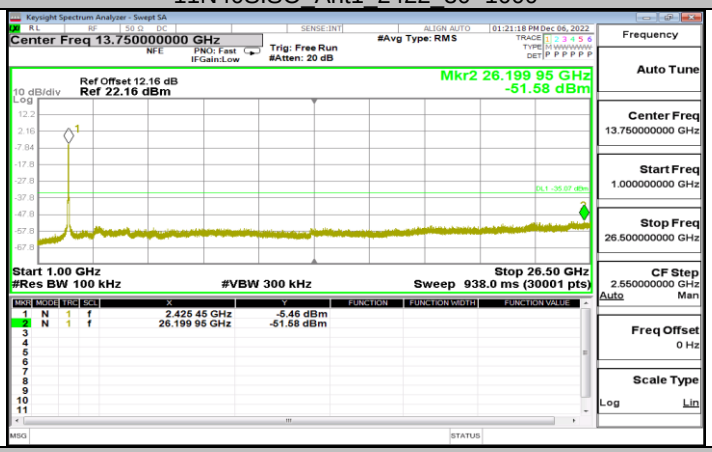


11N40SISO_Ant1_2422_30~1000



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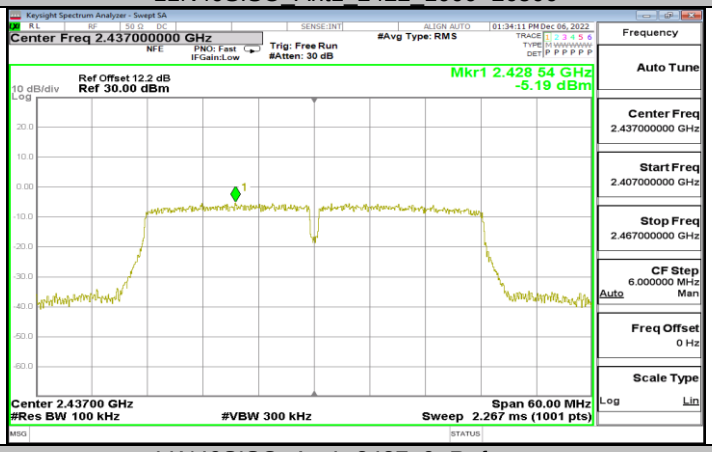

11N40SISO_Ant1_2437_0~Reference

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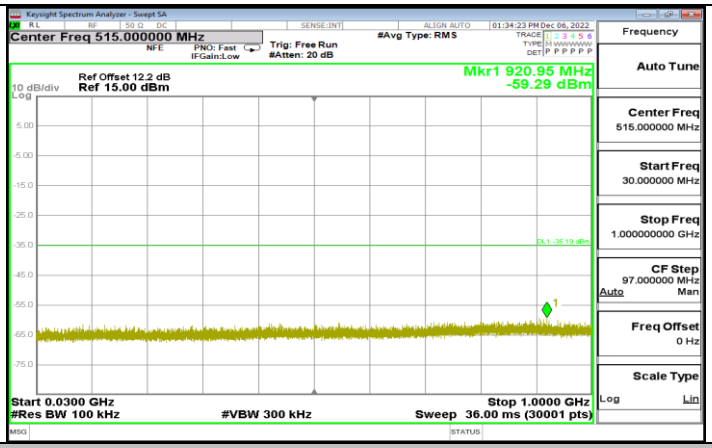

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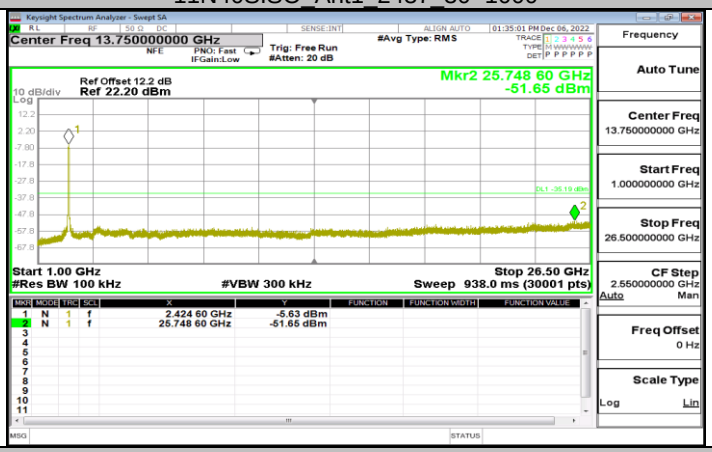

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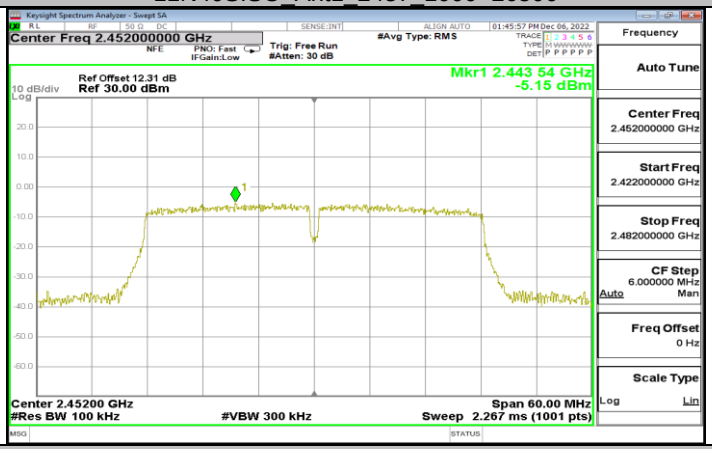

11N40SISO_Ant1_2452_0~Reference

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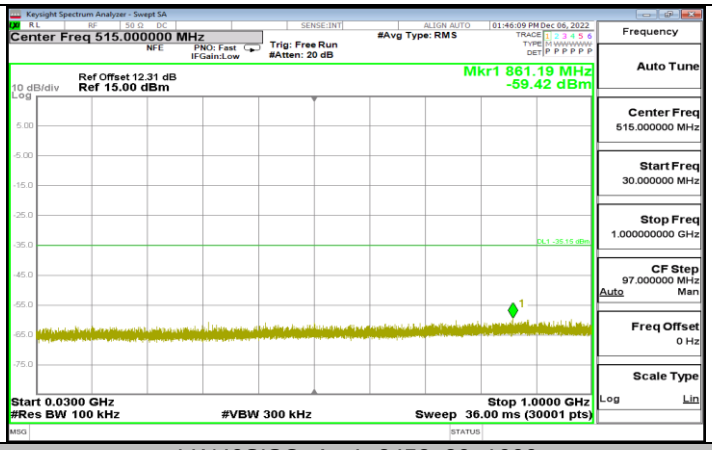

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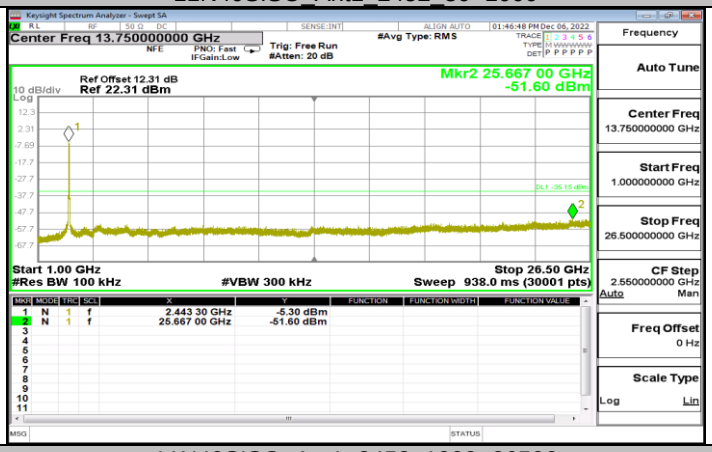

11N40SISO_Ant1_2452_1000~26500

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11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	100.25	100.25	1.0000	100.00	0.00	N/A	0.01
11G	100.25	100.25	1.0000	100.00	0.00	N/A	0.01
11N20SISO	100.25	100.25	1.0000	100.00	0.00	N/A	0.01
11N40SISO	100.25	100.25	1.0000	100.00	0.00	N/A	0.01

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.
If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

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11.7.2. Test Graphs

11B_Ant1_2412

11G_Ant1_2412

11N20SISO_Ant1_2412

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11N40SISO_Ant1_2422

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