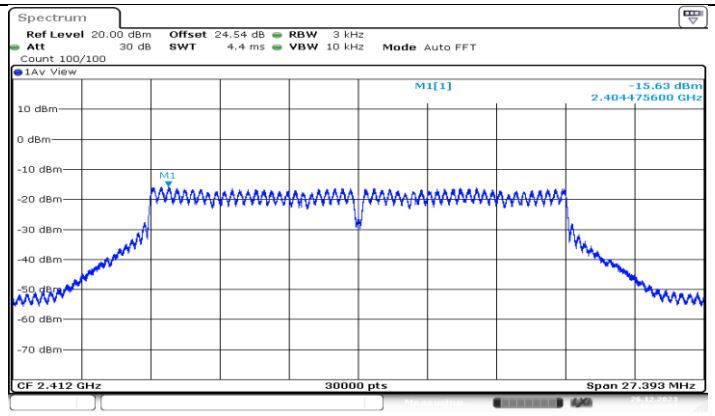
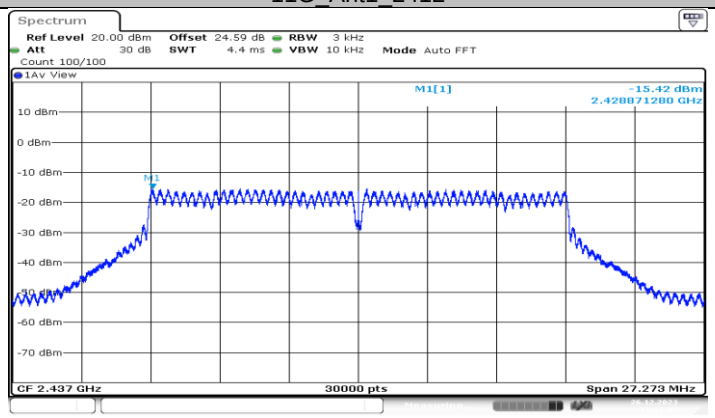
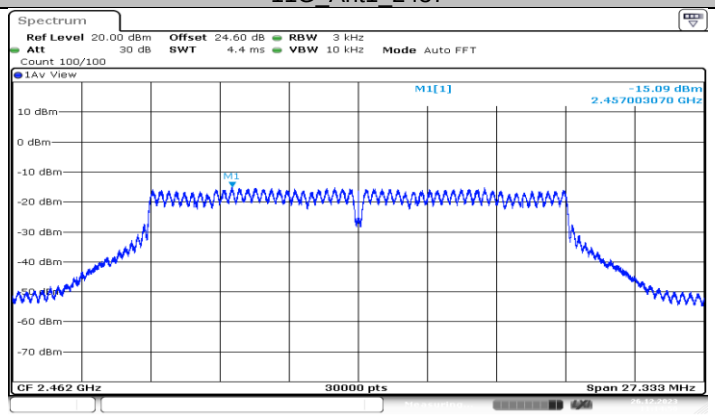


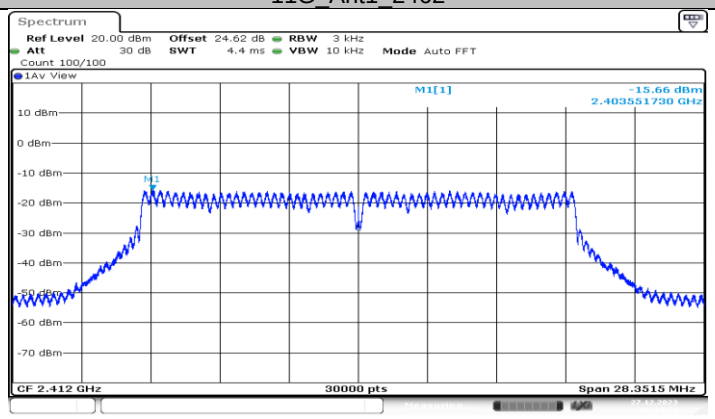
11G_Ant1_2412



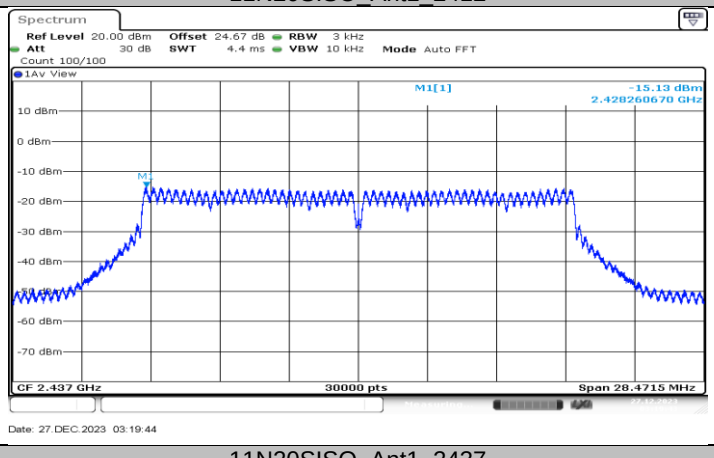
11G_Ant1_2437



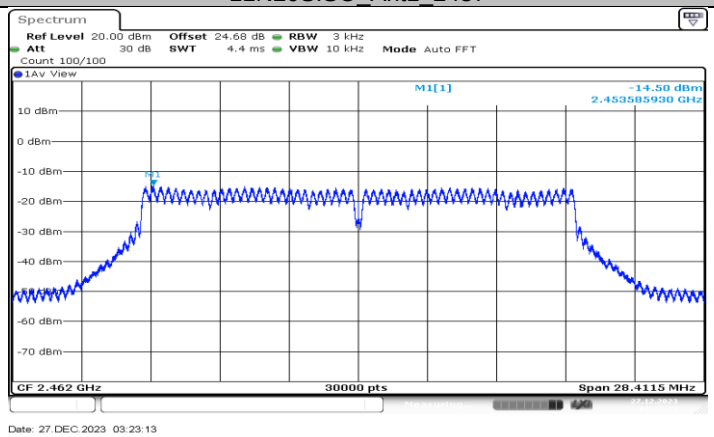
11G_Ant1_2462



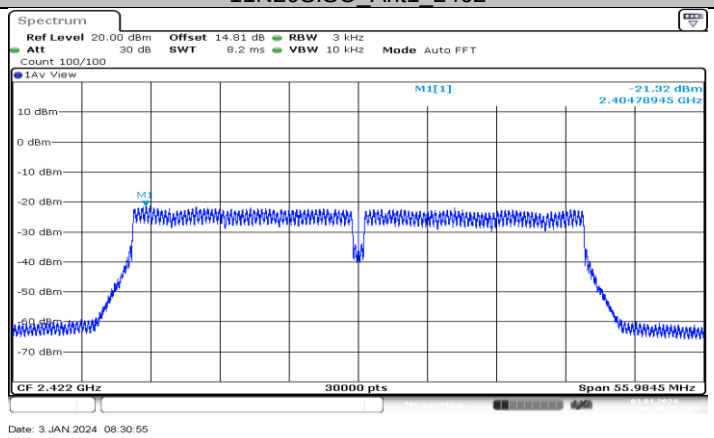
11N20SISO_Ant1_2412



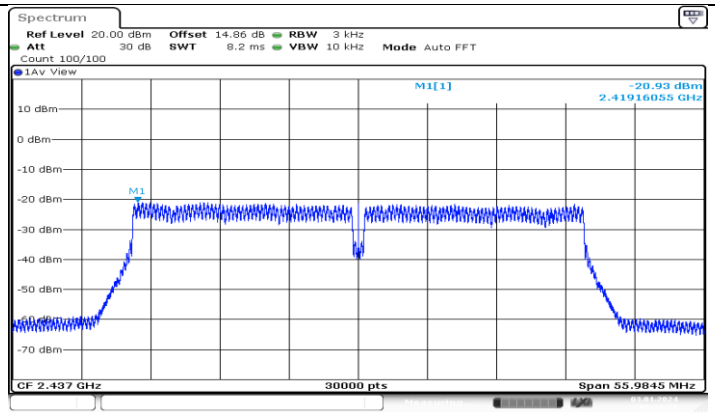
11N20SISO_Ant1_2437



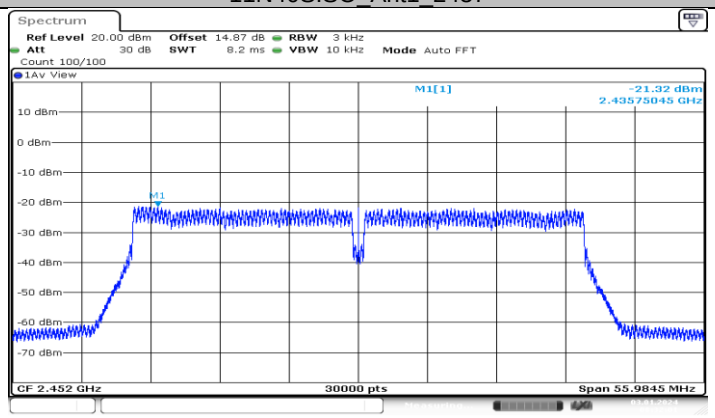
11N20SISO_Ant1_2462



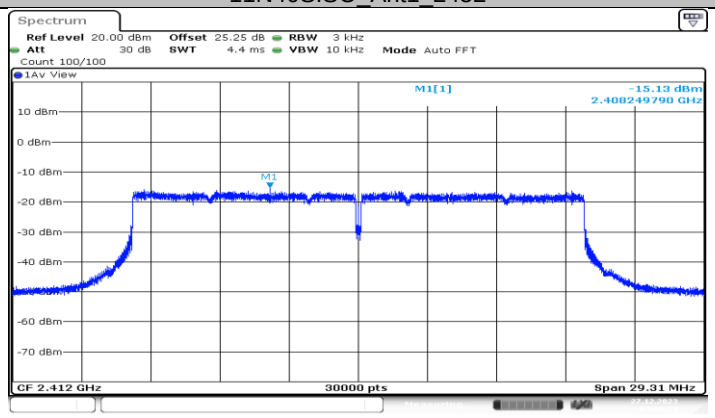
11N40SISO_Ant1_2422



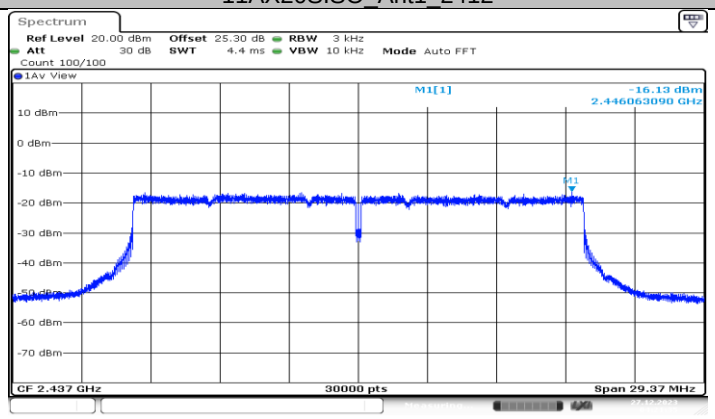
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



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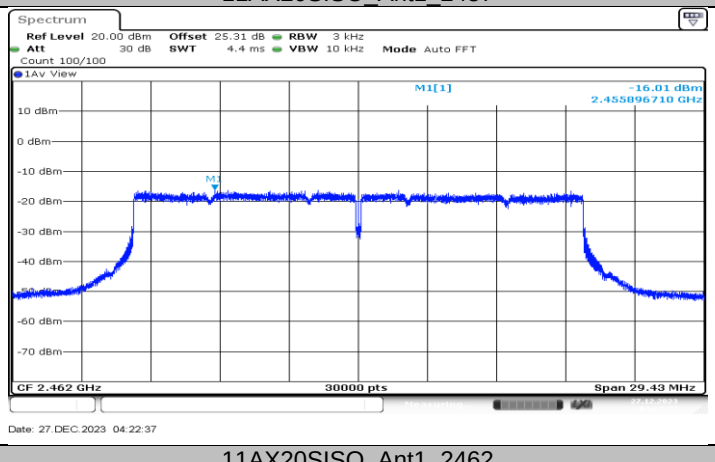
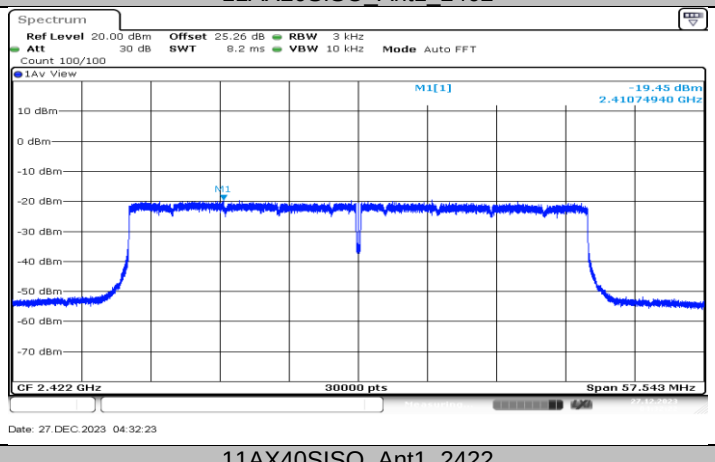
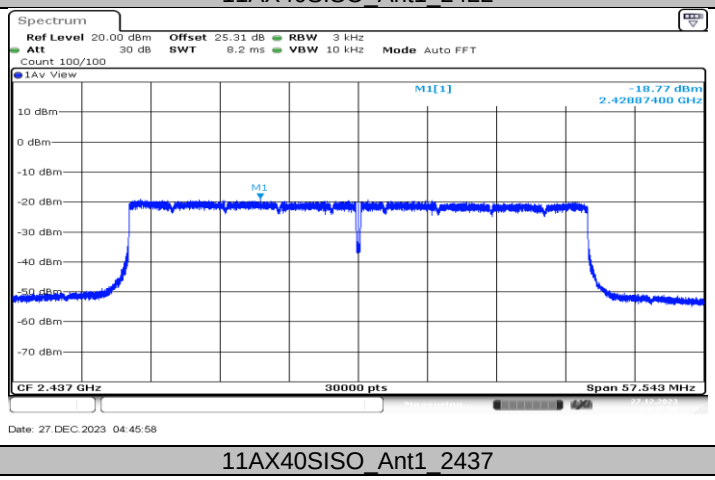
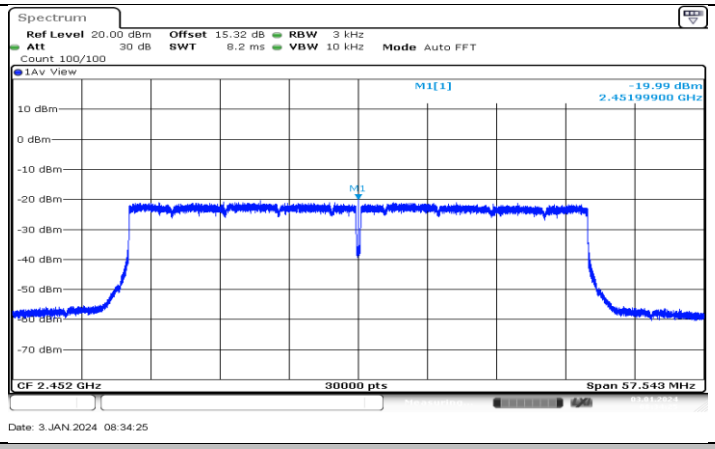

11AX20SISO_Ant1_2462

11AX40SISO_Ant1_2422

11AX40SISO_Ant1_2437



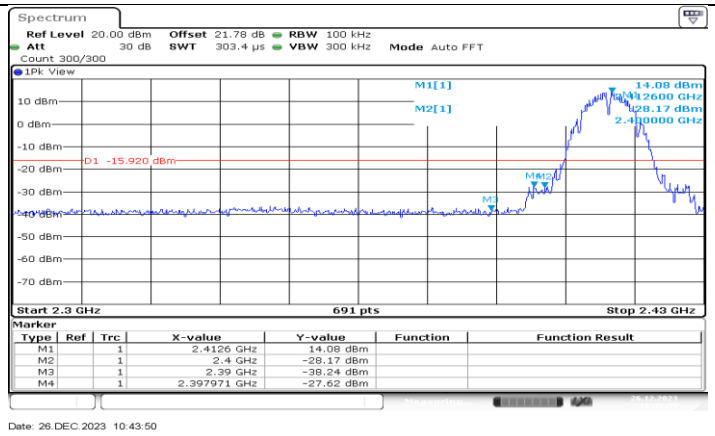
11AX40SISO_Ant1_2452

11.5. APPENDIX E: BAND EDGE MEASUREMENTS

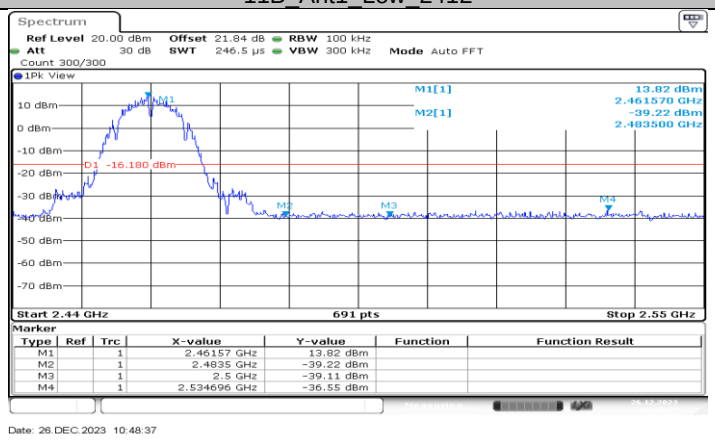
11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	14.08	-27.62	≤-15.92	PASS
		High	2462	13.82	-36.55	≤-16.18	PASS
11G	Ant1	Low	2412	4.01	-26.54	≤-25.99	PASS
		High	2462	7.28	-35.21	≤-22.72	PASS
11N20SISO	Ant1	Low	2412	7.48	-25.87	≤-22.52	PASS
		High	2462	5.80	-33.24	≤-24.2	PASS
11N40SISO	Ant1	Low	2422	3.76	-30.51	≤-26.24	PASS
		High	2452	4.00	-31.14	≤-26	PASS
11AX20SISO	Ant1	Low	2412	6.48	-24.2	≤-23.52	PASS
		High	2462	7.15	-32.19	≤-22.85	PASS
11AX40SISO	Ant1	Low	2422	3.27	-27.9	≤-26.73	PASS
		High	2452	4.32	-30.49	≤-25.68	PASS

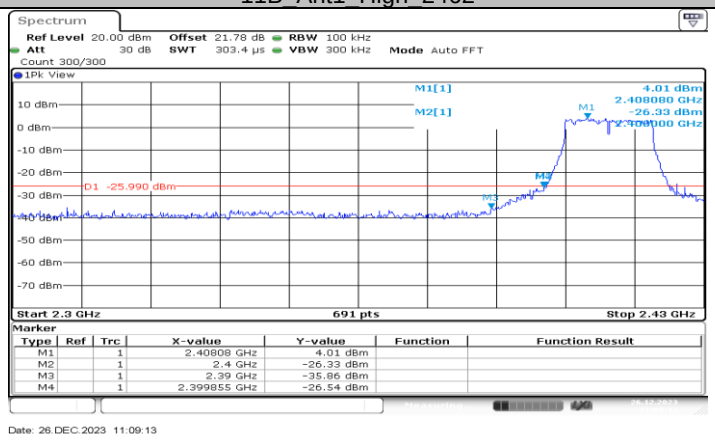
11.5.2. Test Graphs



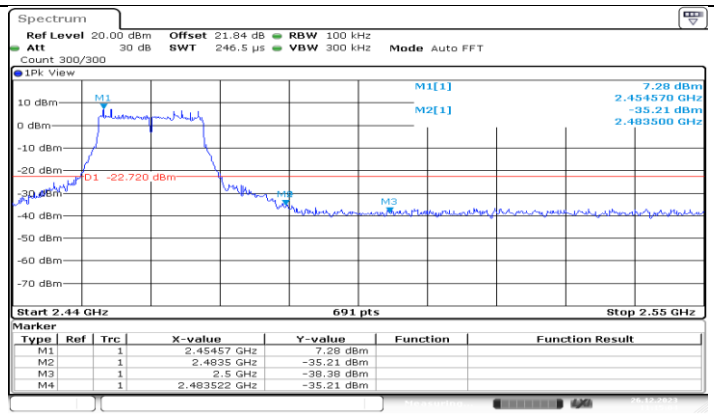
11B_Ant1_Low_2412



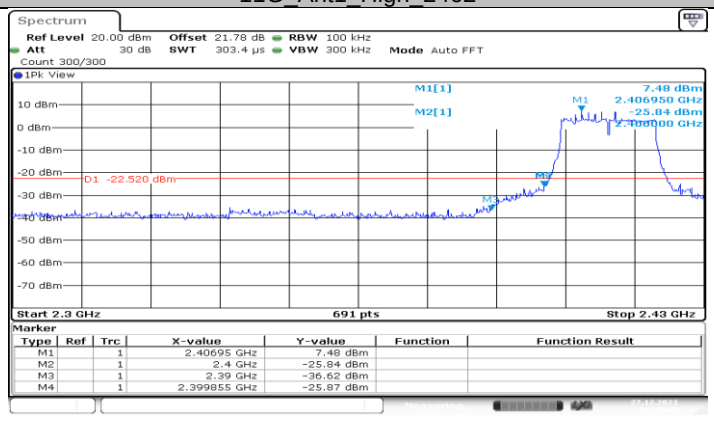
11B_Ant1_High_2462



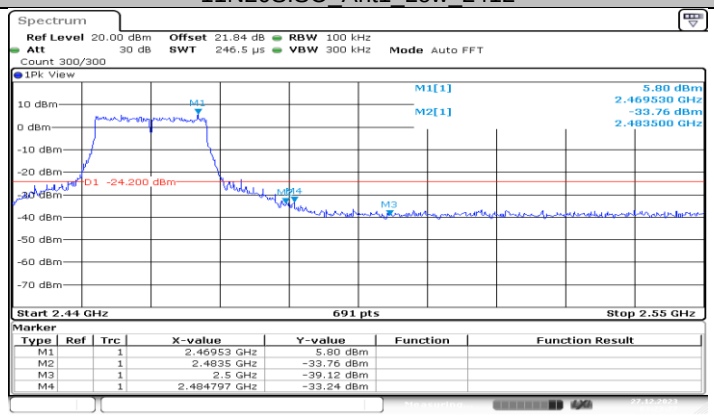
11G_Ant1_Low_2412



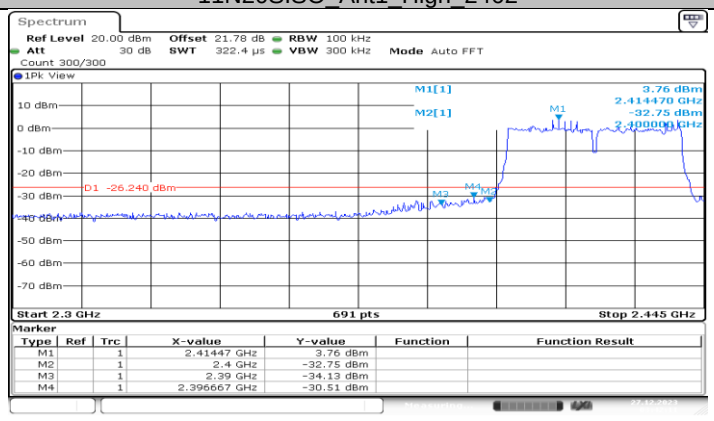
11G_Ant1_High_2462



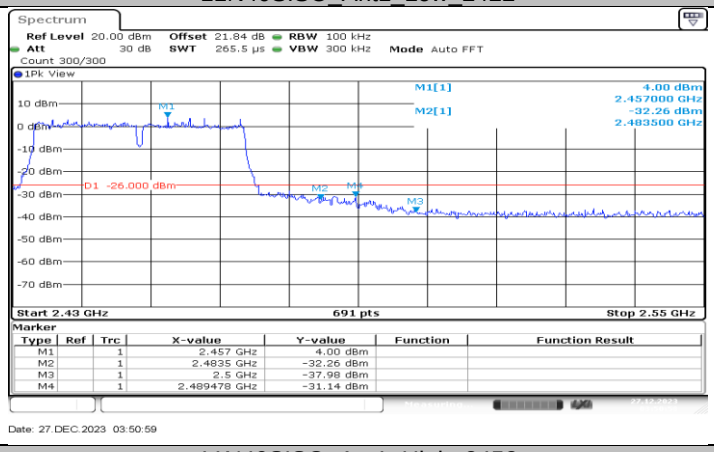
11N20SISO_Ant1_Low_2412



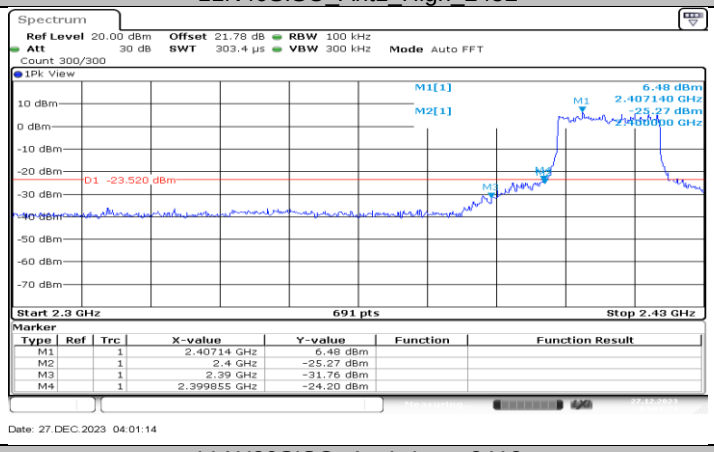
11N20SISO_Ant1_High_2462



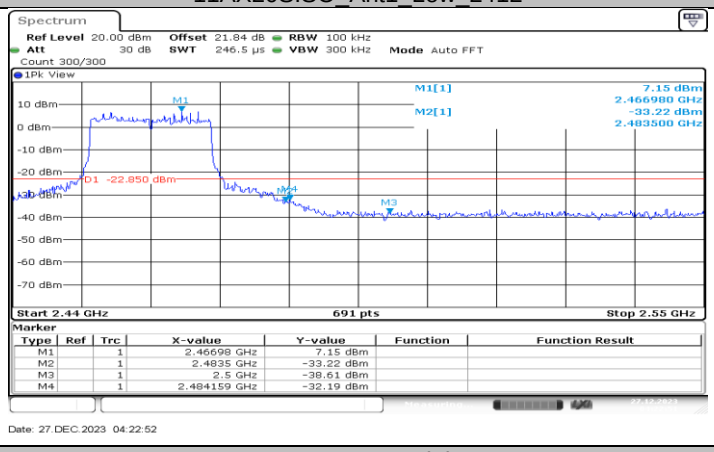
11N40SISO_Ant1_Low_2422



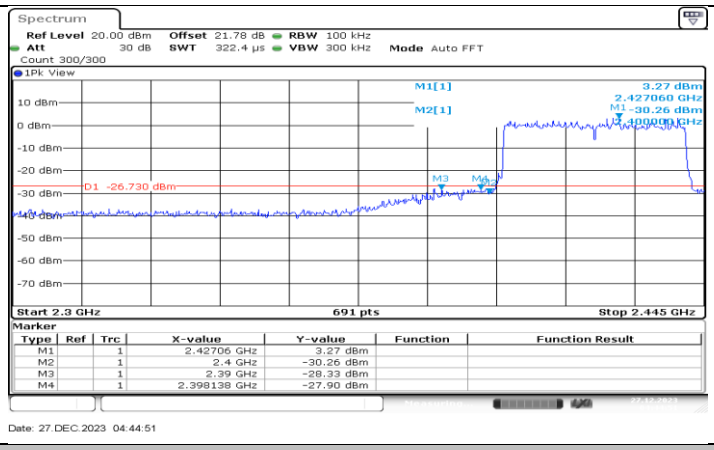
11N40SISO_Ant1_High_2452



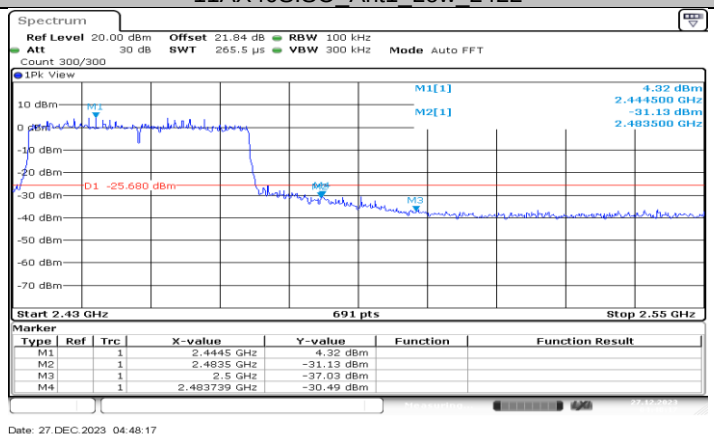
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



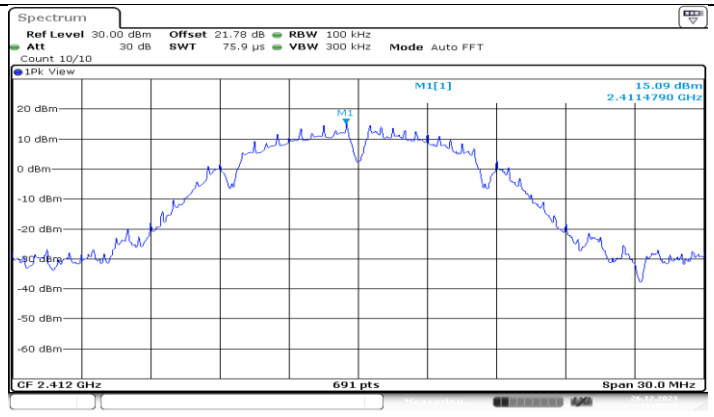
11AX40SISO_Ant1_High_2452

11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

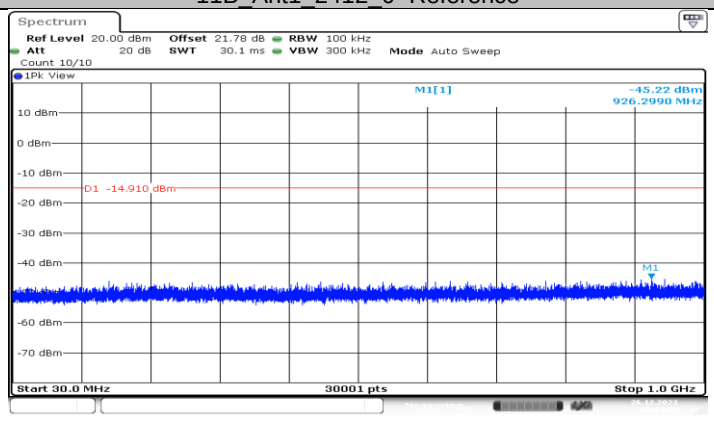
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	15.09	---	PASS
			30~1000	-45.22	≤-14.91	PASS
			1000~26500	-39.67	≤-14.91	PASS
		2437	Reference	14.82	---	PASS
			30~1000	-44.84	≤-15.18	PASS
			1000~26500	-39.94	≤-15.18	PASS
		2462	Reference	14.74	---	PASS
			30~1000	-45.15	≤-15.26	PASS
			1000~26500	-40.82	≤-15.26	PASS
11G	Ant1	2412	Reference	6.15	---	PASS
			30~1000	-45.85	≤-23.85	PASS
			1000~26500	-40.18	≤-23.85	PASS
		2437	Reference	7.28	---	PASS
			30~1000	-45.75	≤-22.72	PASS
			1000~26500	-40.08	≤-22.72	PASS
		2462	Reference	6.78	---	PASS
			30~1000	-45.91	≤-23.22	PASS
			1000~26500	-40.01	≤-23.22	PASS
11N20SISO	Ant1	2412	Reference	5.47	---	PASS
			30~1000	-45.33	≤-24.53	PASS
			1000~26500	-40.36	≤-24.53	PASS
		2437	Reference	7.34	---	PASS
			30~1000	-45.4	≤-22.66	PASS
			1000~26500	-39.76	≤-22.66	PASS
		2462	Reference	7.18	---	PASS
			30~1000	-45.2	≤-22.82	PASS
			1000~26500	-39.89	≤-22.82	PASS
11N40SISO	Ant1	2422	Reference	3.30	---	PASS
			30~1000	-45.6	≤-26.7	PASS
			1000~26500	-39.73	≤-26.7	PASS
		2437	Reference	4.69	---	PASS
			30~1000	-45.45	≤-25.31	PASS
			1000~26500	-39.39	≤-25.31	PASS
		2452	Reference	4.33	---	PASS
			30~1000	-45.34	≤-25.67	PASS
			1000~26500	-40.09	≤-25.67	PASS
11AX20SISO	Ant1	2412	Reference	7.31	---	PASS
			30~1000	-45.32	≤-22.69	PASS
			1000~26500	-40.3	≤-22.69	PASS
		2437	Reference	6.23	---	PASS
			30~1000	-45.29	≤-23.77	PASS
			1000~26500	-40.22	≤-23.77	PASS
		2462	Reference	6.42	---	PASS
			30~1000	-45.78	≤-23.58	PASS
			1000~26500	-40.18	≤-23.58	PASS
11AX40SISO	Ant1	2422	Reference	2.20	---	PASS
			30~1000	-45.6	≤-27.8	PASS
			1000~26500	-40.33	≤-27.8	PASS
		2437	Reference	4.31	---	PASS
			30~1000	-45.57	≤-25.69	PASS
			1000~26500	-40.59	≤-25.69	PASS
		2452	Reference	4.40	---	PASS
			30~1000	-45.06	≤-25.6	PASS
			1000~26500	-40.03	≤-25.6	PASS

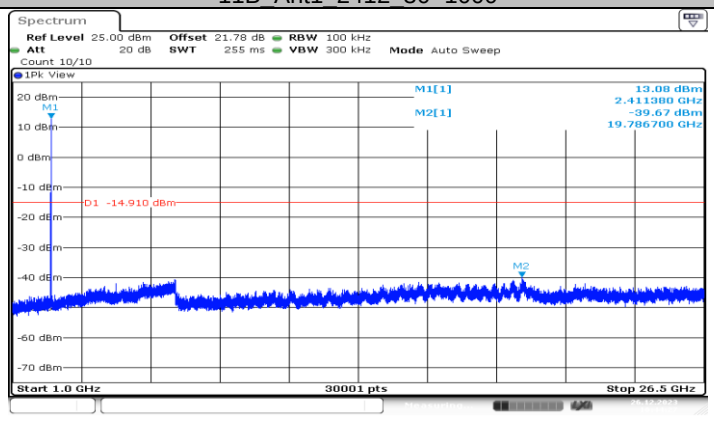
11.6.2. Test Graphs



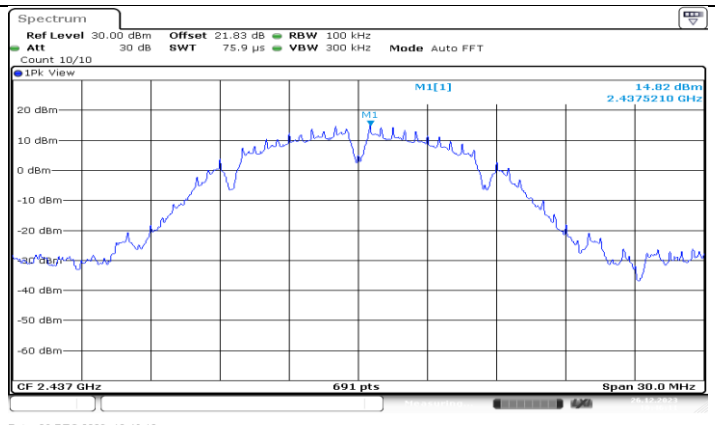
11B_Ant1_2412_0~Reference



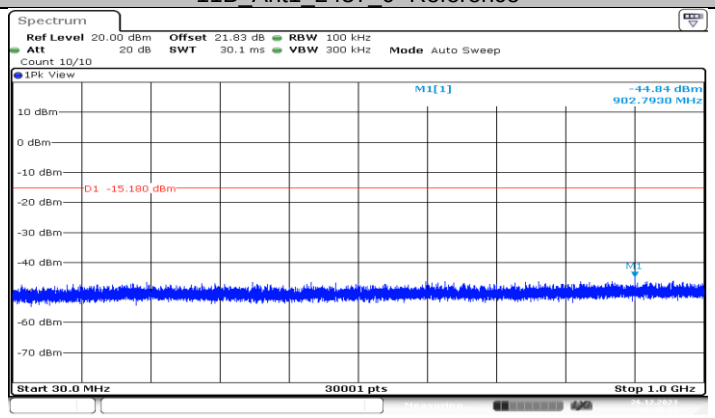
11B_Ant1_2412_30~1000



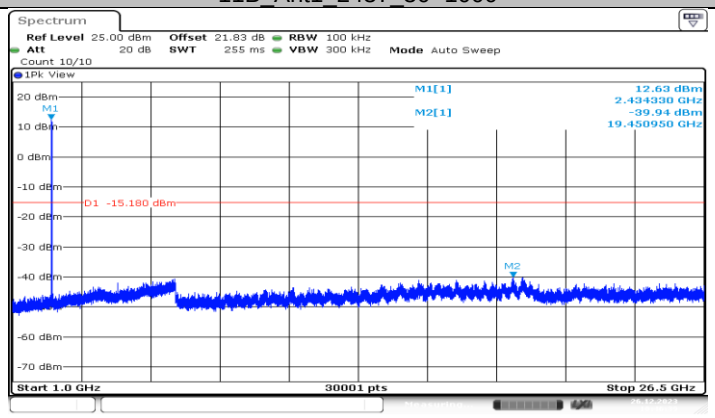
11B_Ant1_2412_1000~26500



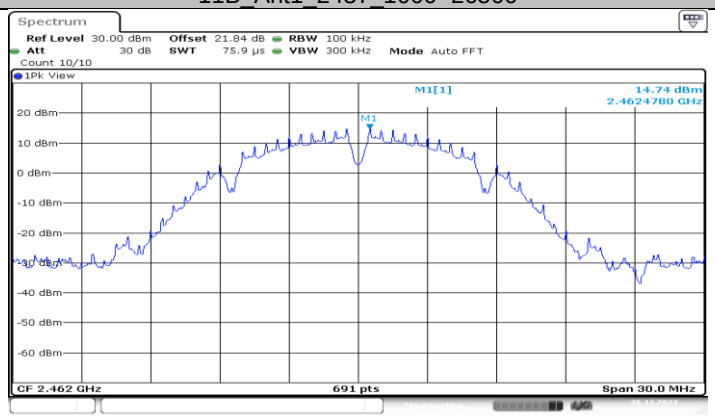
11B_Ant1_2437_0~Reference

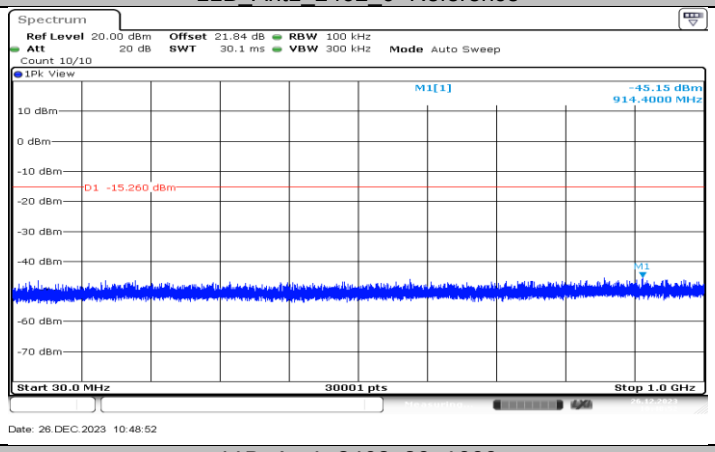
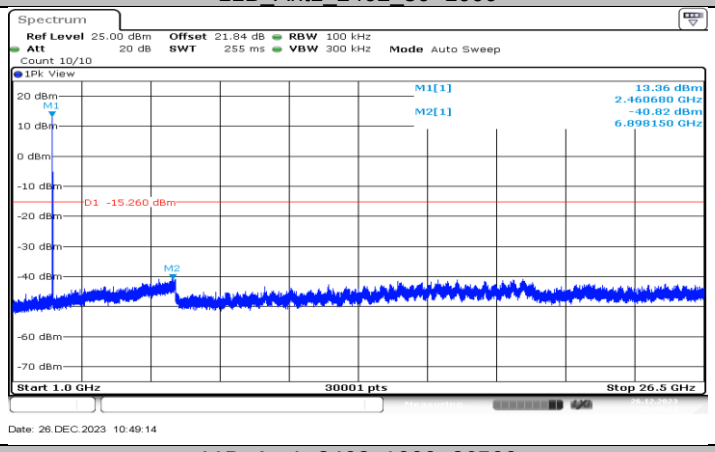
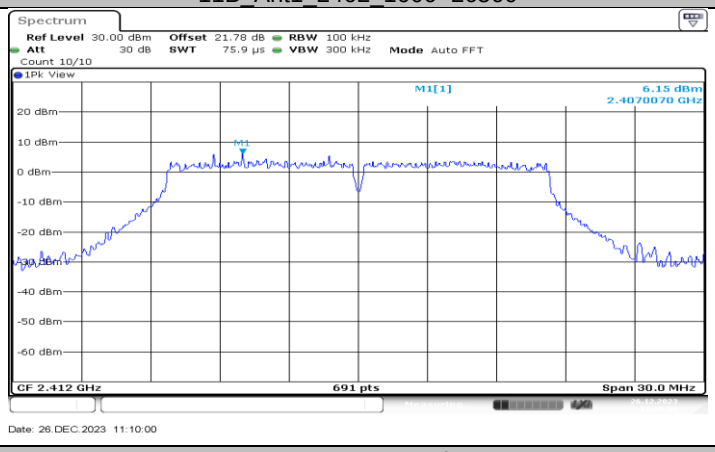


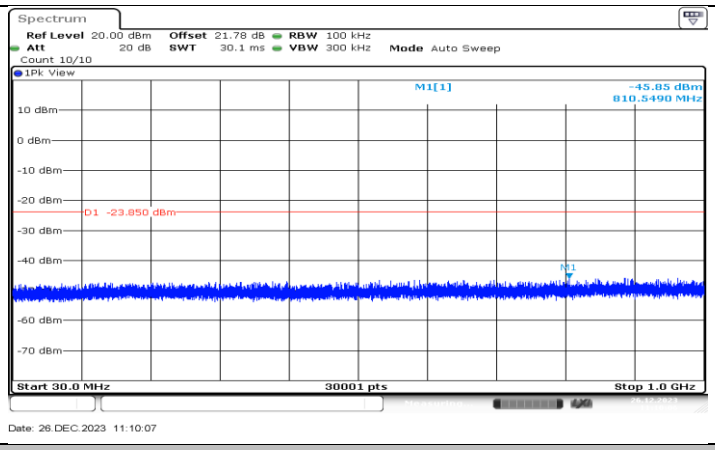
11B_Ant1_2437_30~1000



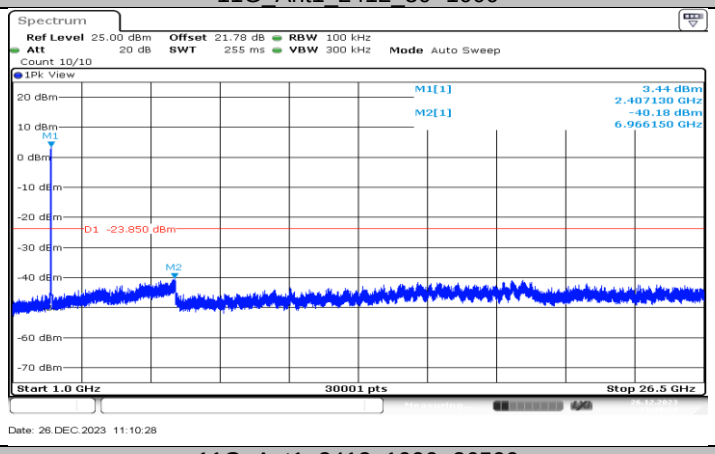
11B_Ant1_2437_1000~26500



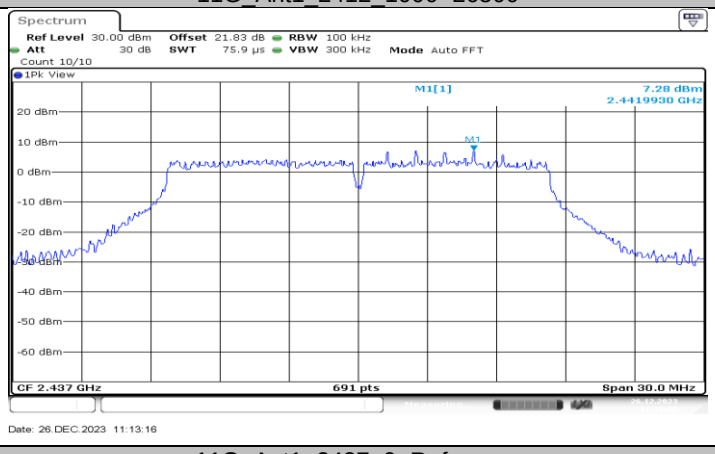
11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~1000

11B_Ant1_2462_1000~26500

11G_Ant1_2412_0~Reference



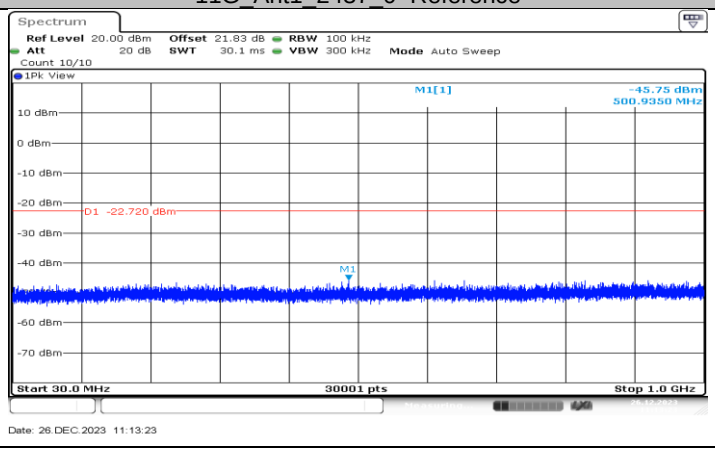
11G_Ant1_2412_30~1000



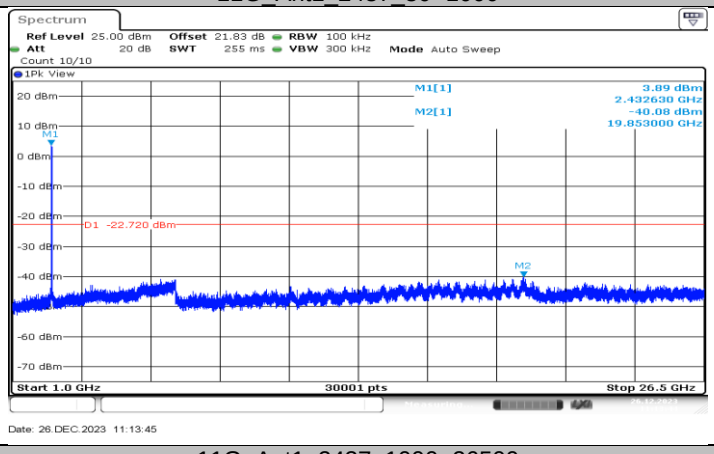
11G_Ant1_2412_1000~26500



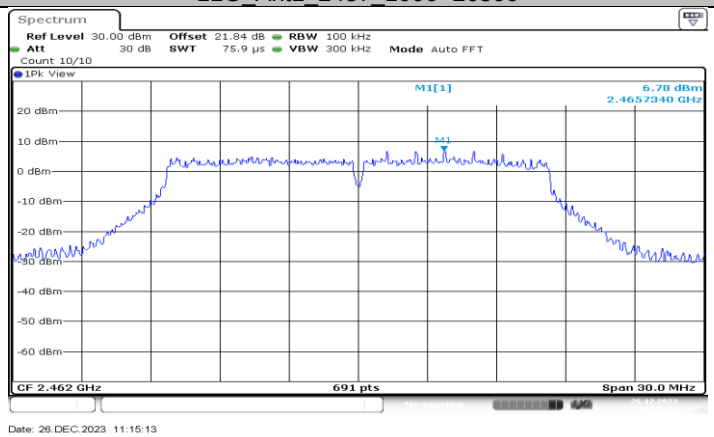
11G_Ant1_2437_0~Reference



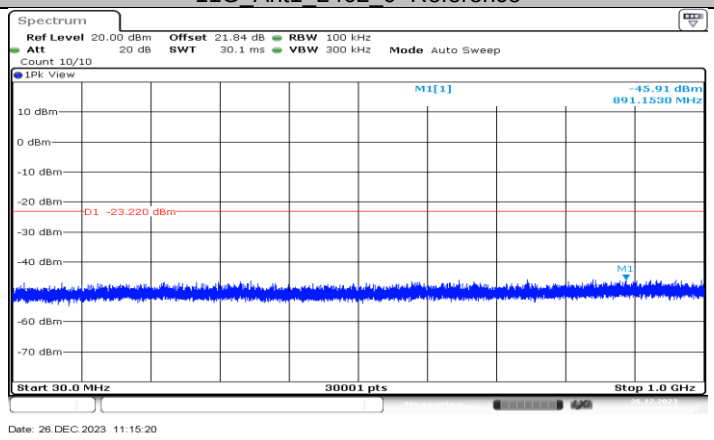
11G_Ant1_2437_30~1000



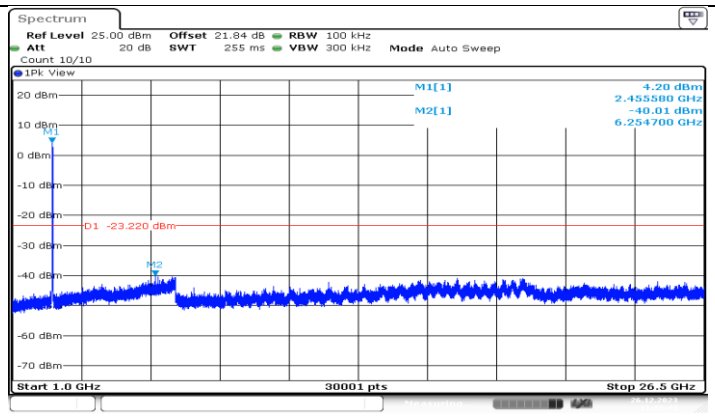
11G_Ant1_2437_1000~26500



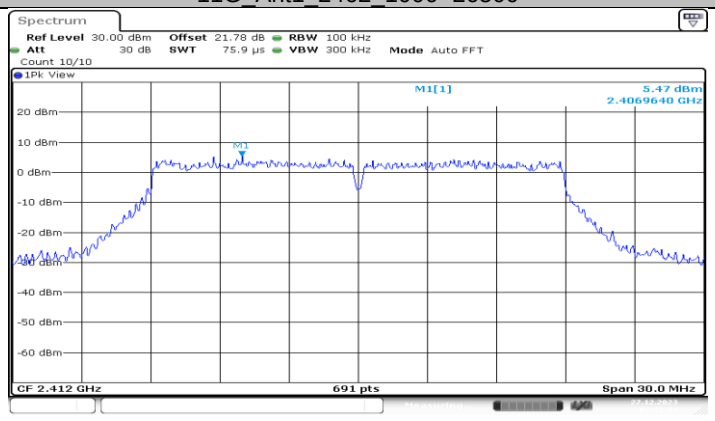
11G_Ant1_2462_0~Reference



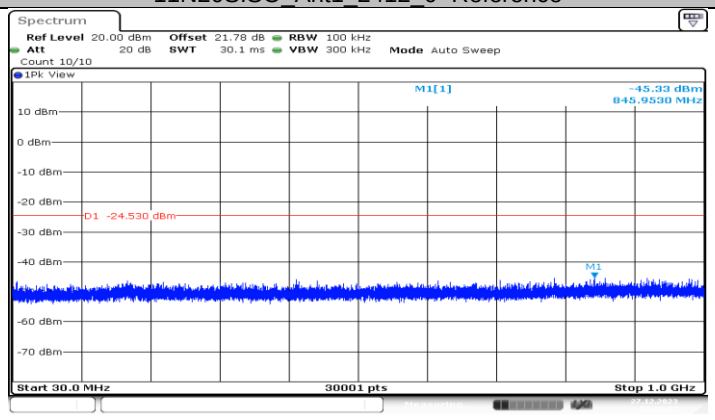
11G_Ant1_2462_30~1000



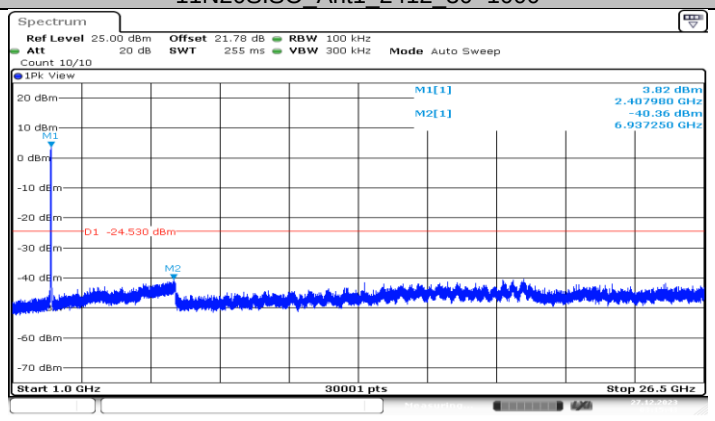
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



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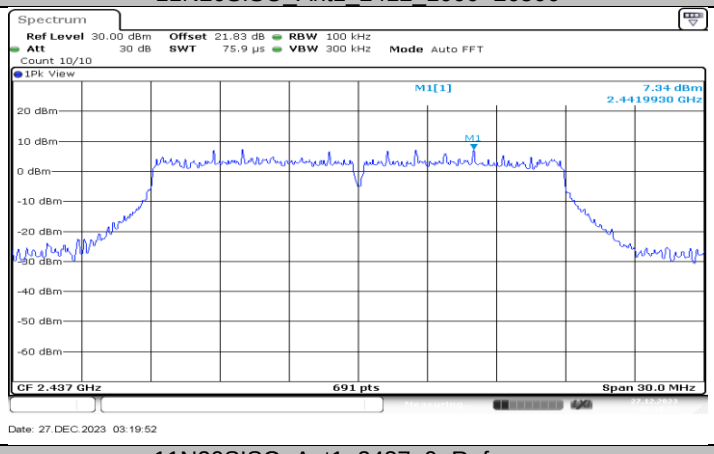

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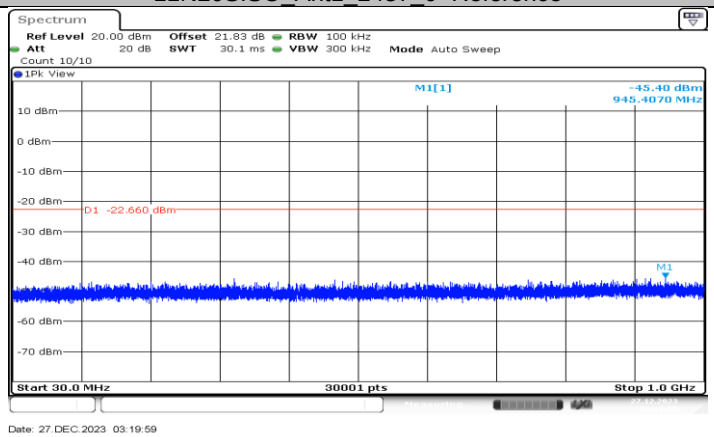

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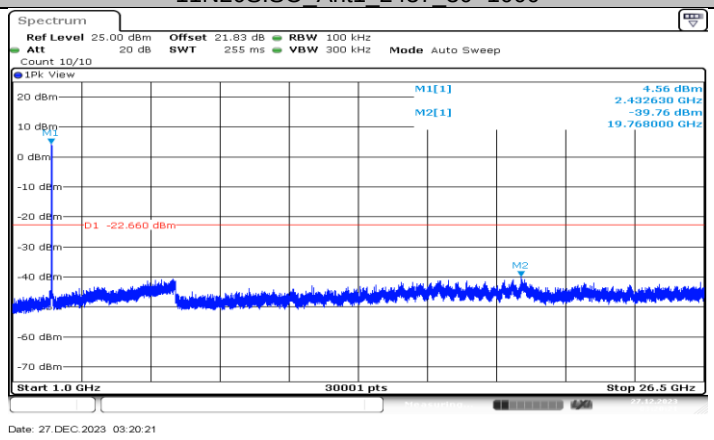

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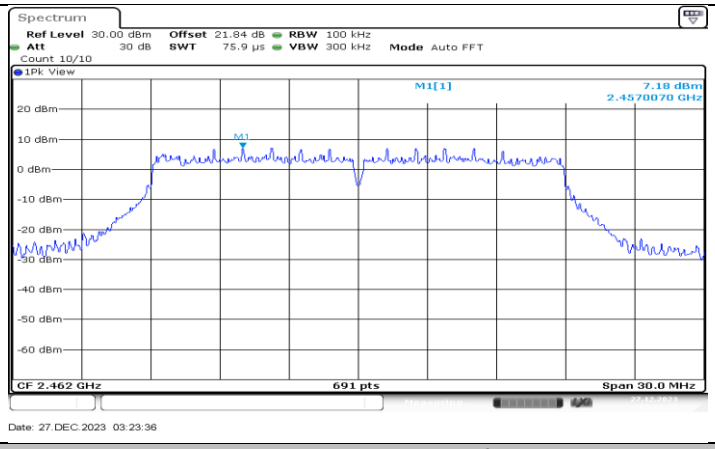

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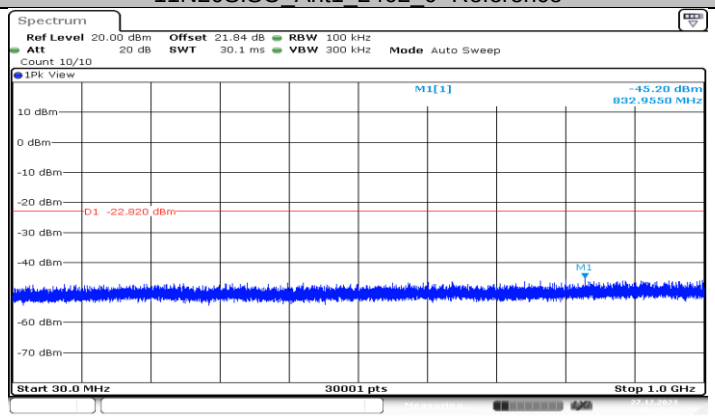

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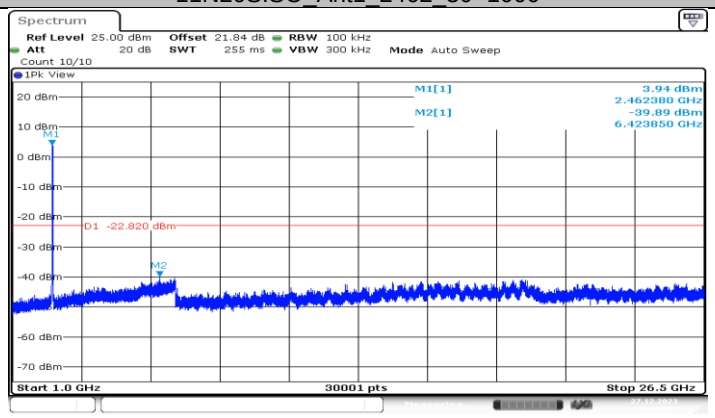

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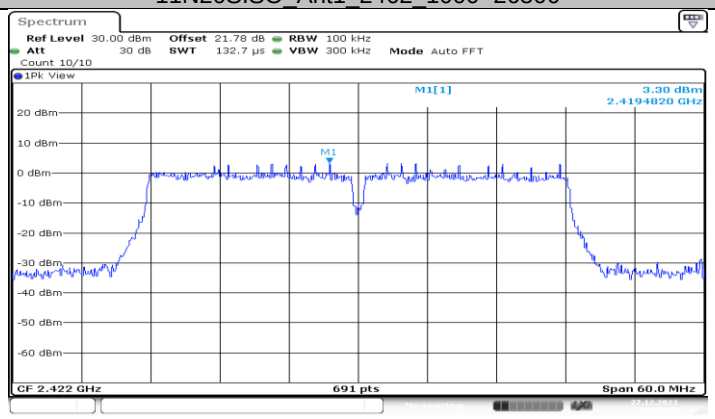

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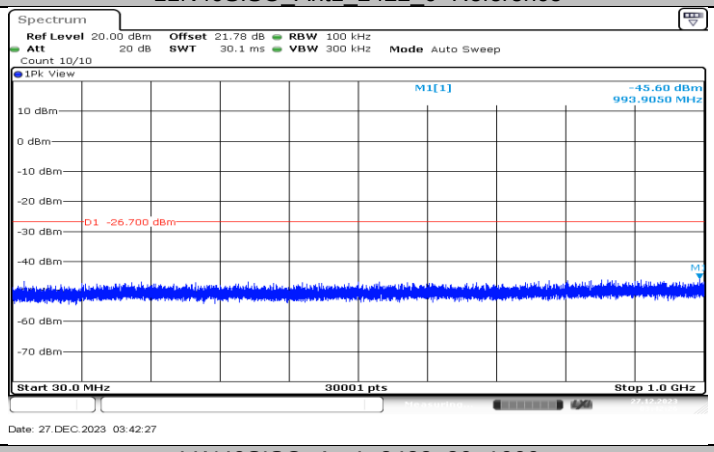

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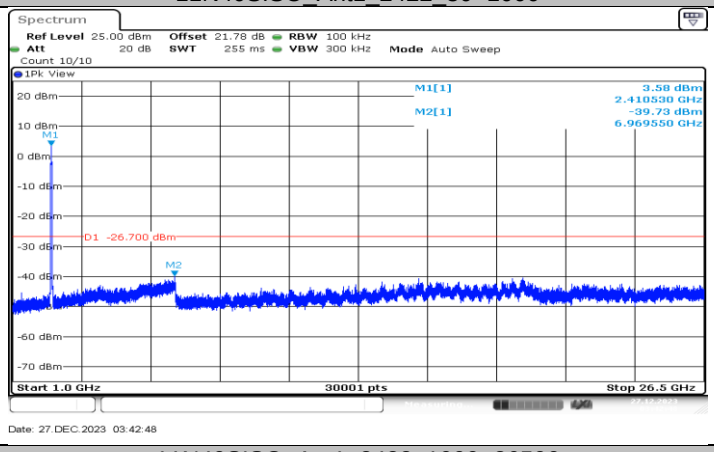

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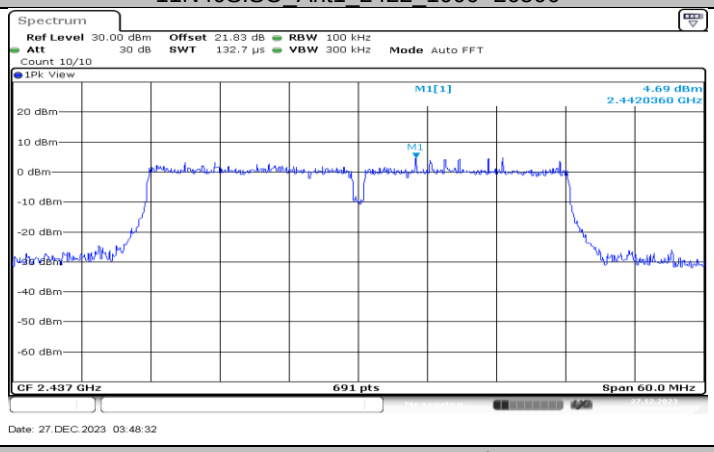

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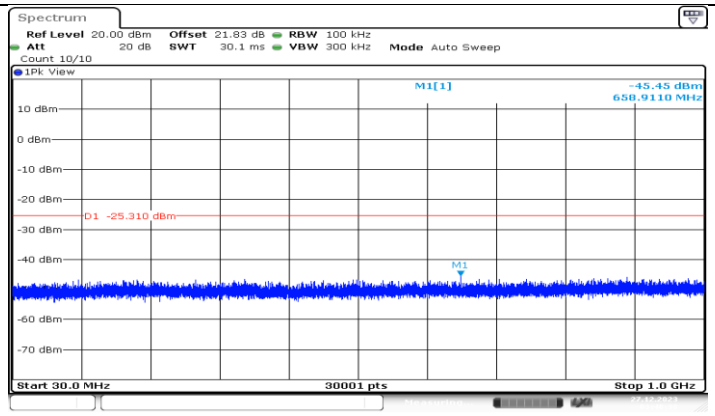

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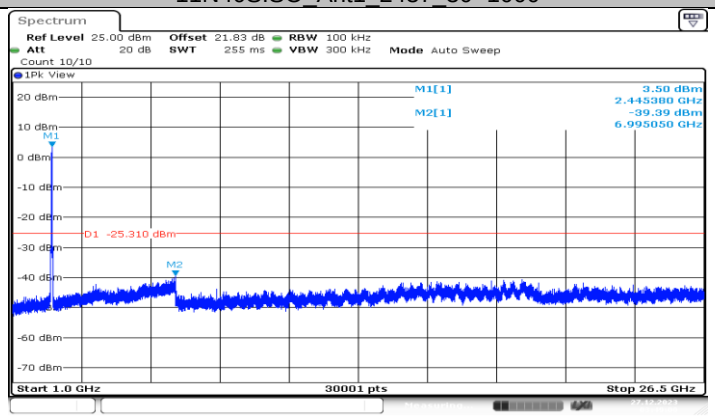

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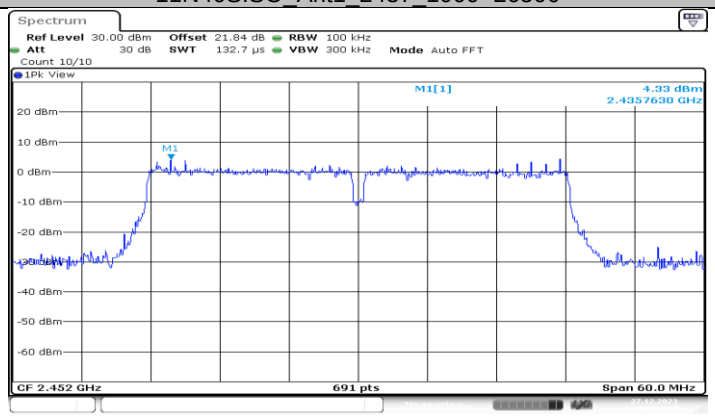

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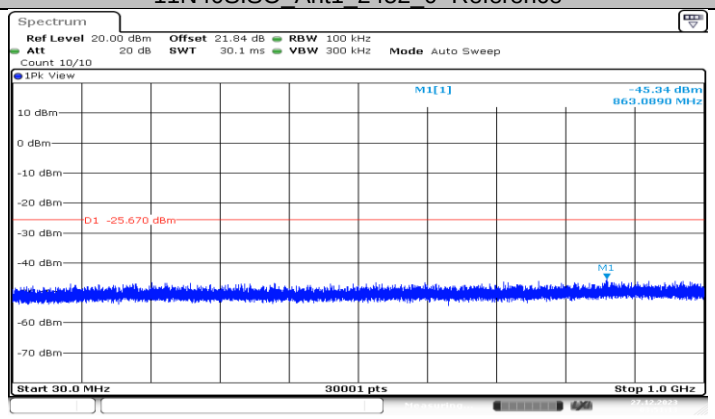

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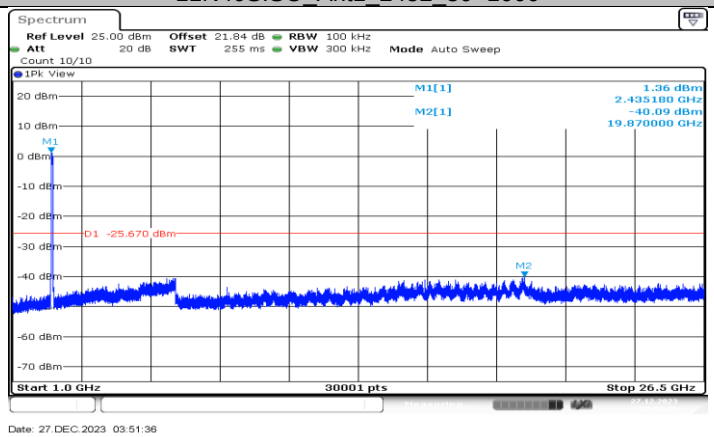

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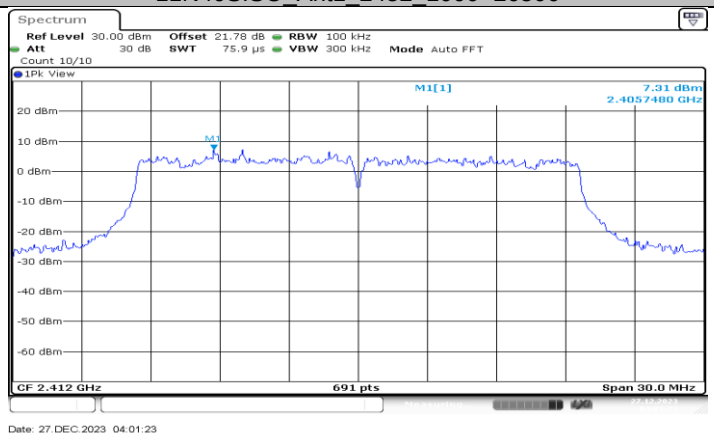

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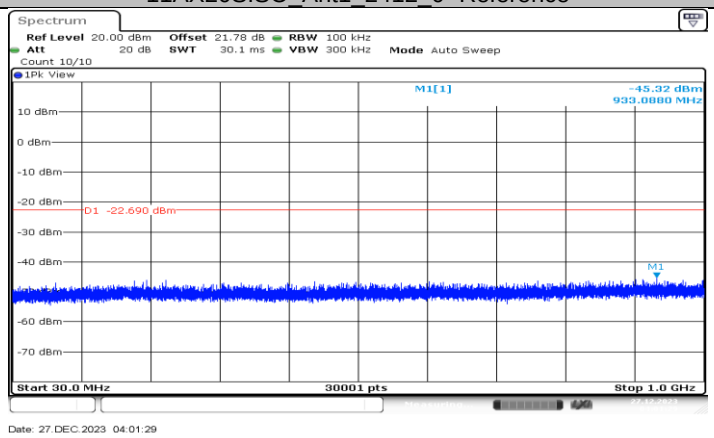

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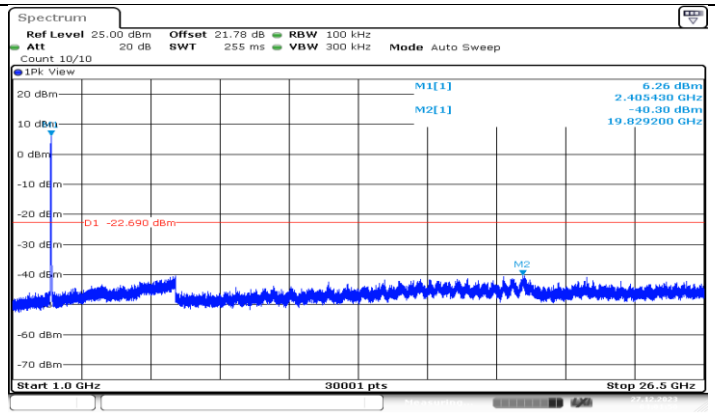

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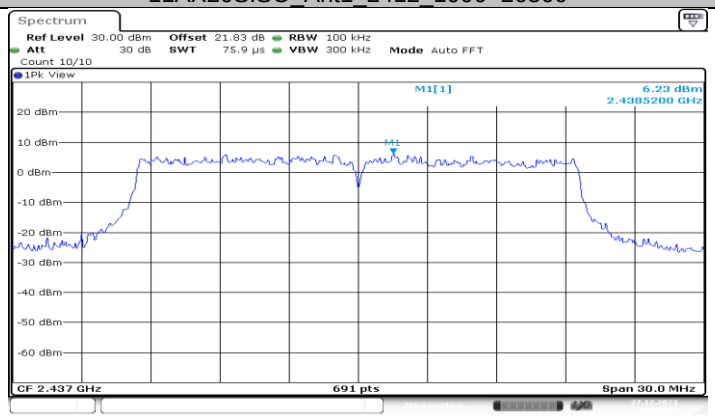

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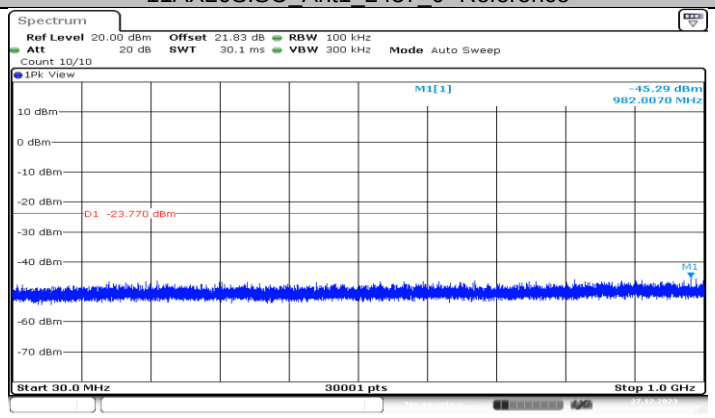

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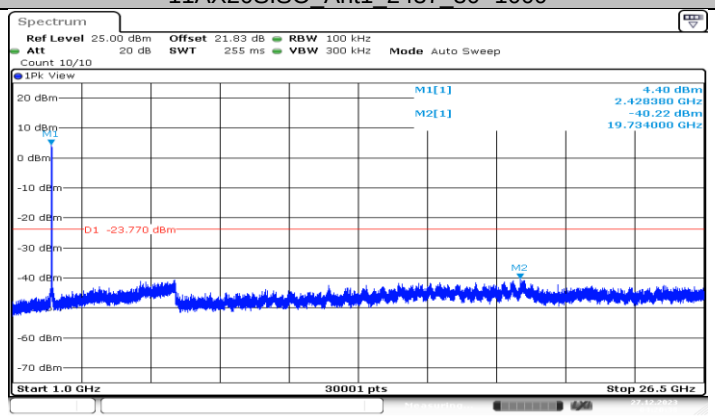

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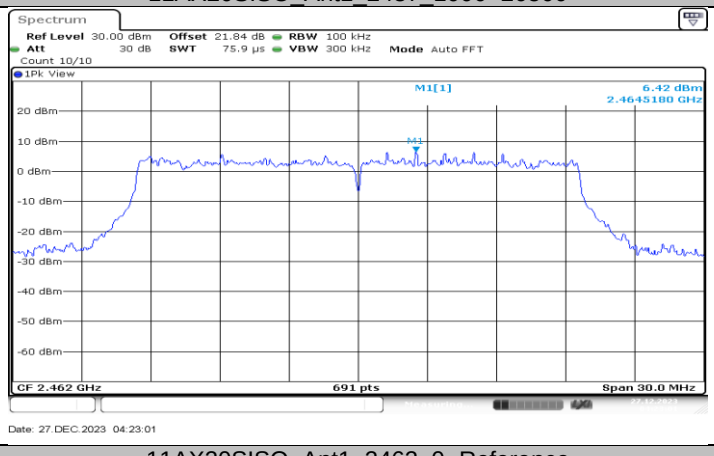

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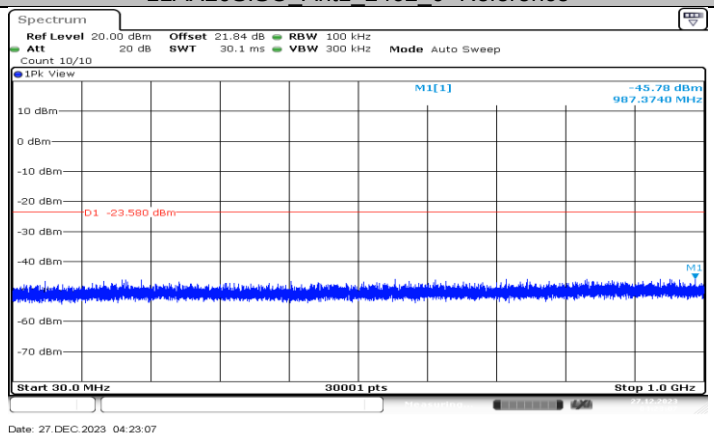

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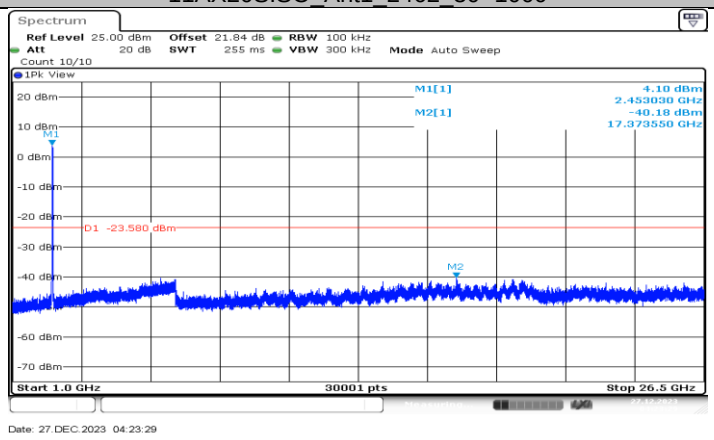

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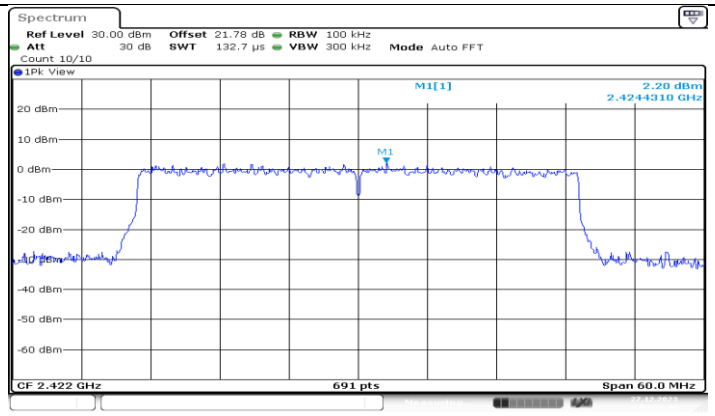

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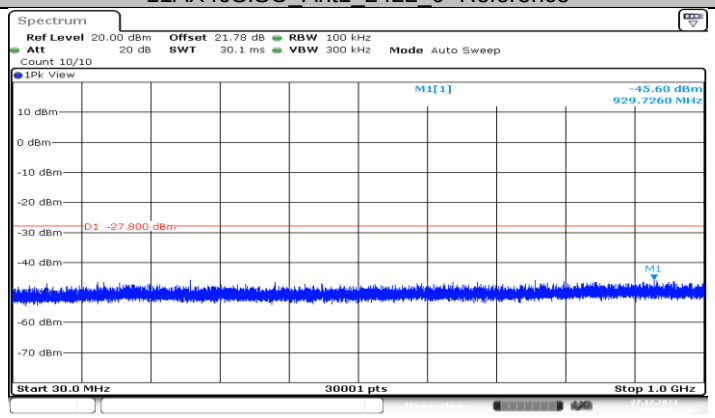

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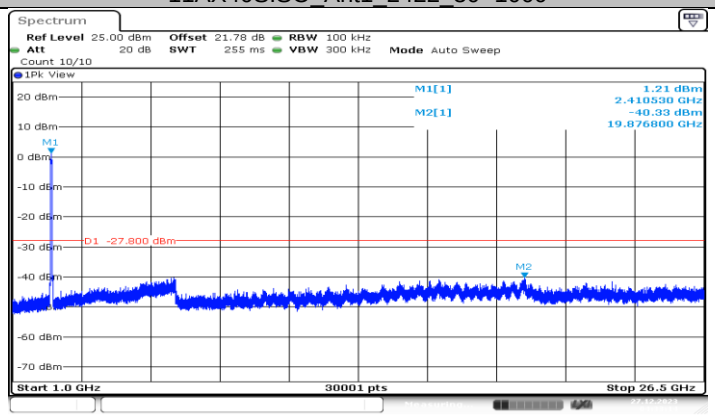

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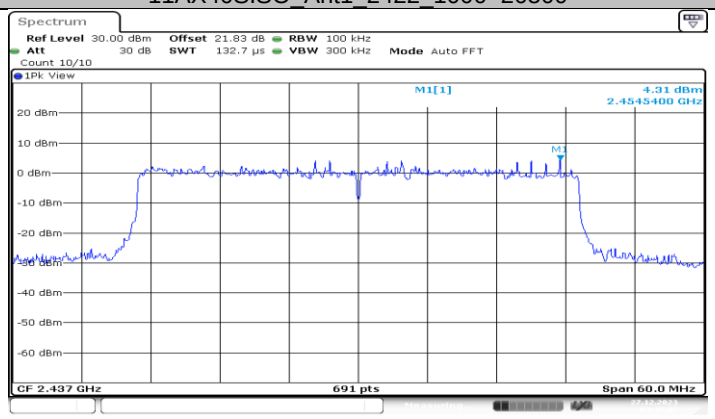

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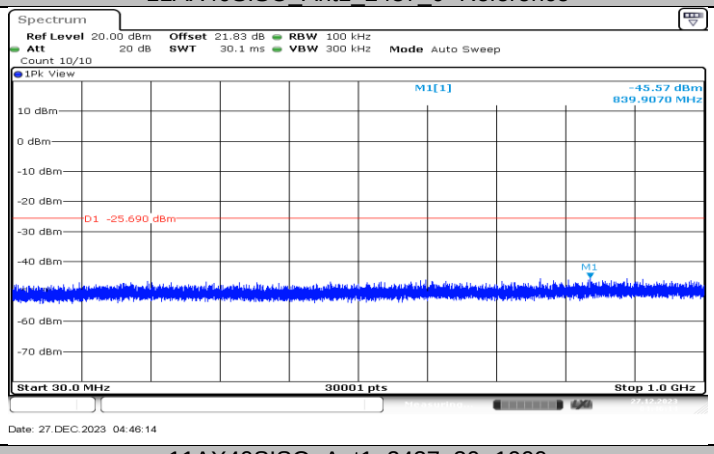

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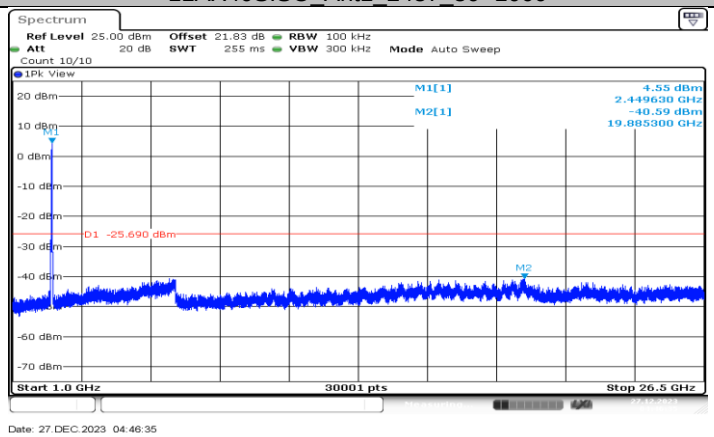

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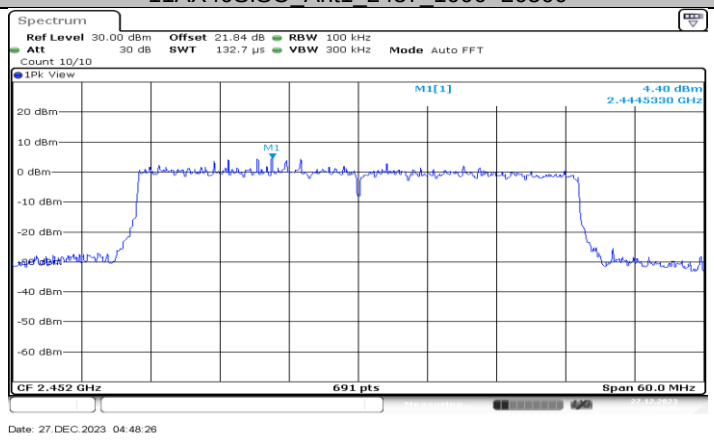

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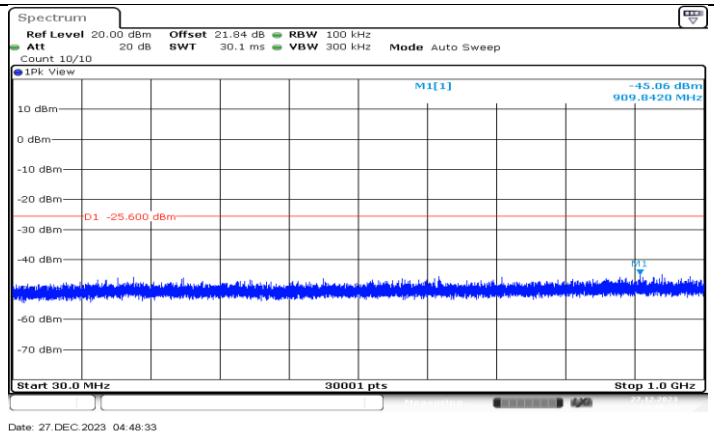

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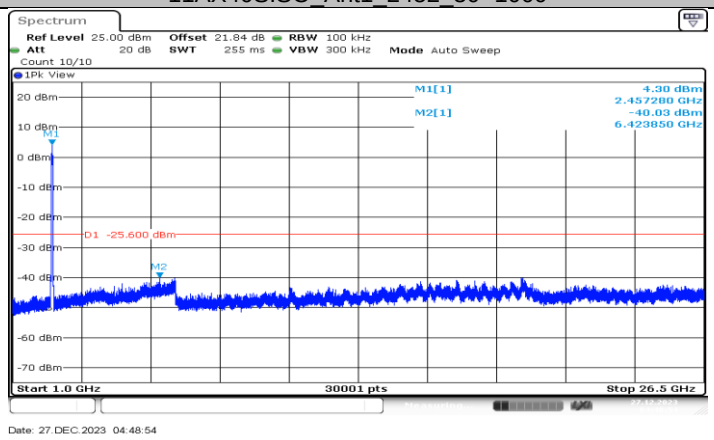


11AX40SISO_Ant1_2452_1000~26500

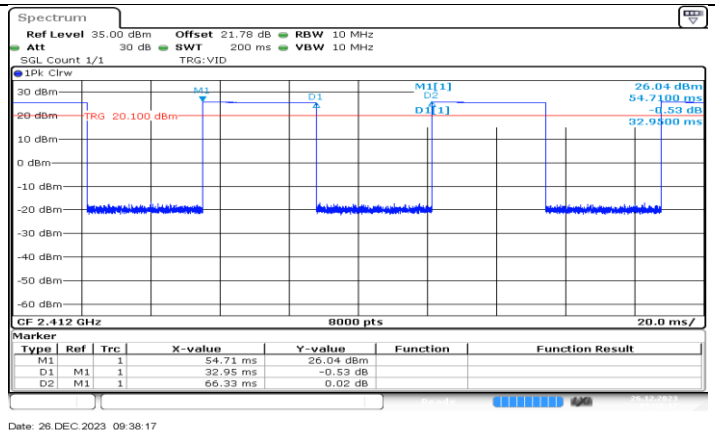
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

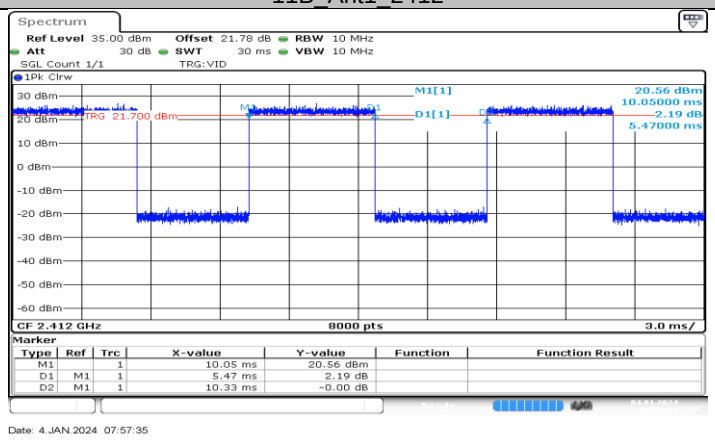
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	32.95	66.33	0.4968	49.68	3.04	0.03	1
11G	5.47	10.33	0.5295	52.95	2.76	0.18	1
11N20SISO	5.37	10.33	0.5198	51.98	2.84	0.19	1
11N40SISO	5.14	10.32	0.4981	49.81	3.03	0.19	1
11AX20SISO	4.65	10.33	0.4501	45.01	3.47	0.22	1
11AX40SISO	4.63	10.33	0.4482	44.82	3.49	0.22	1

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.

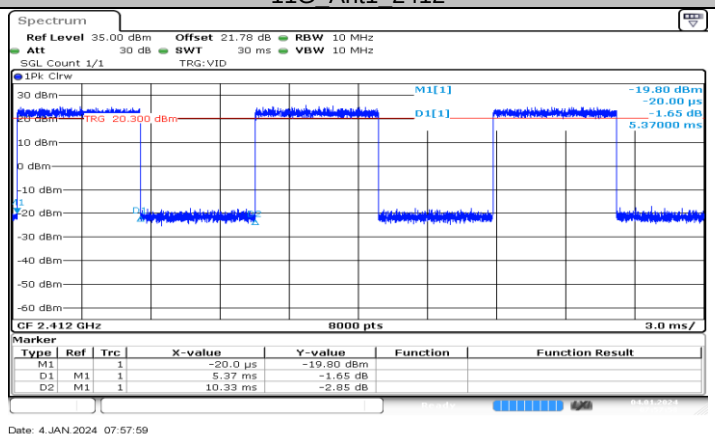
11.7.2. Test Graphs



11B_Ant1_2412



11G_Ant1_2412



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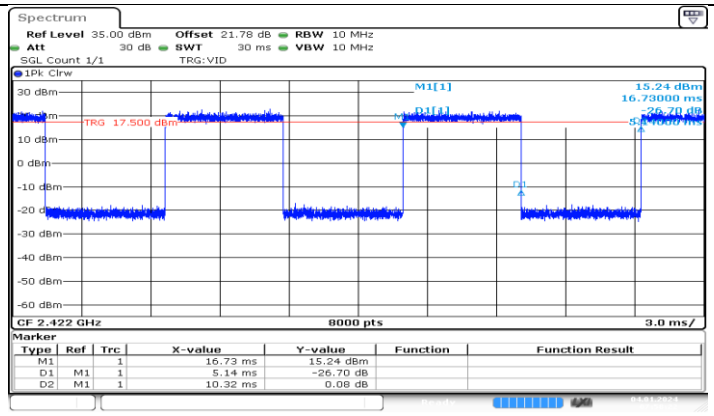

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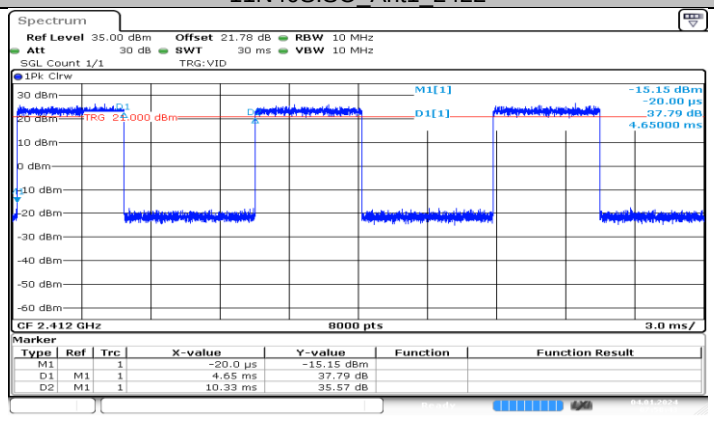

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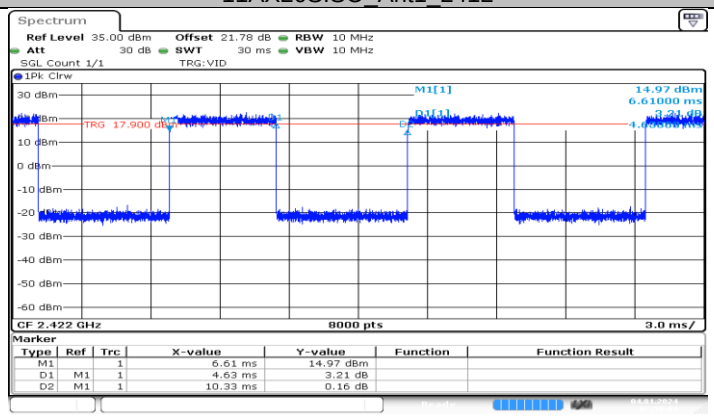

11AX40SISO_Ant1_2422

END OF REPORT