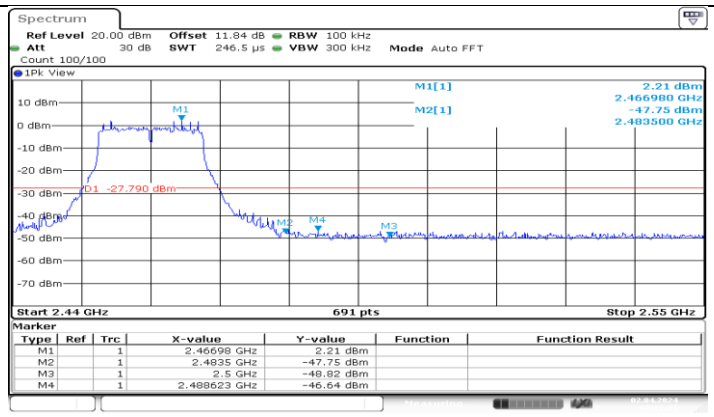
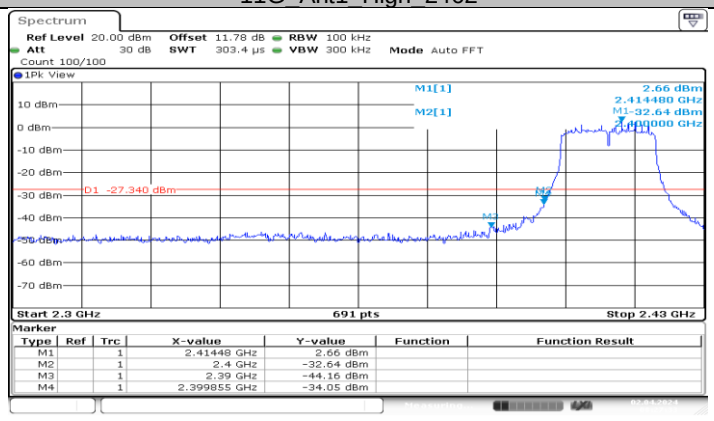
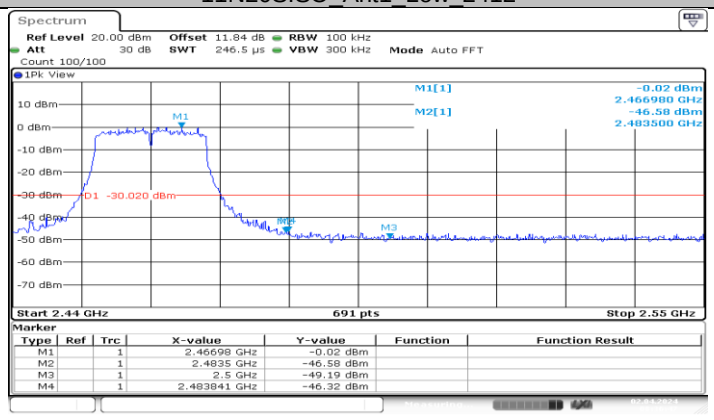


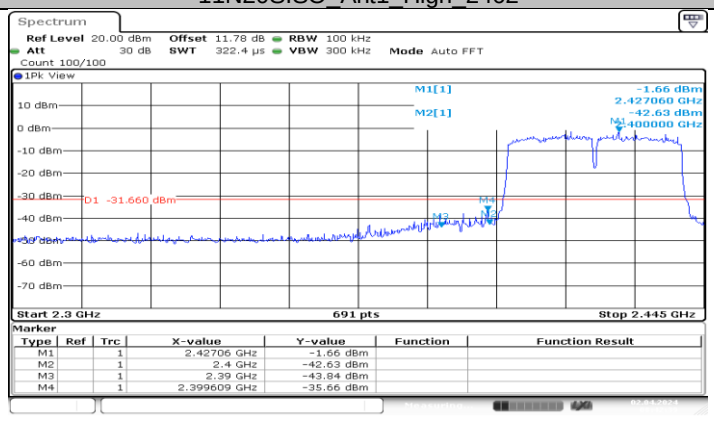
11G_Ant1_High_2462

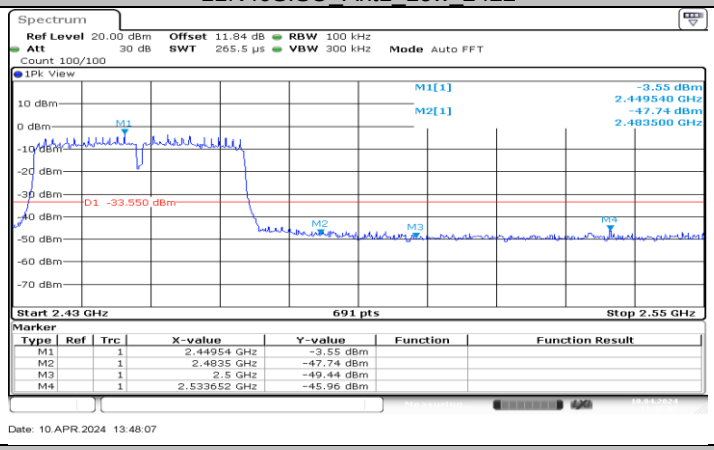


11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



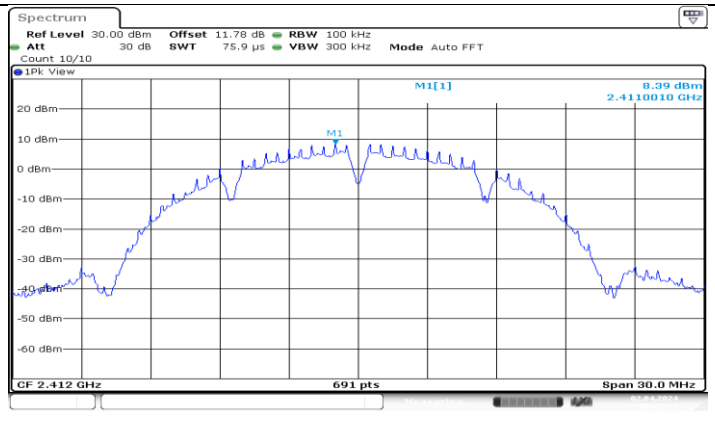
11N40SISO_Ant1_Low_2422

11N40SISO_Ant1_High_2452

11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

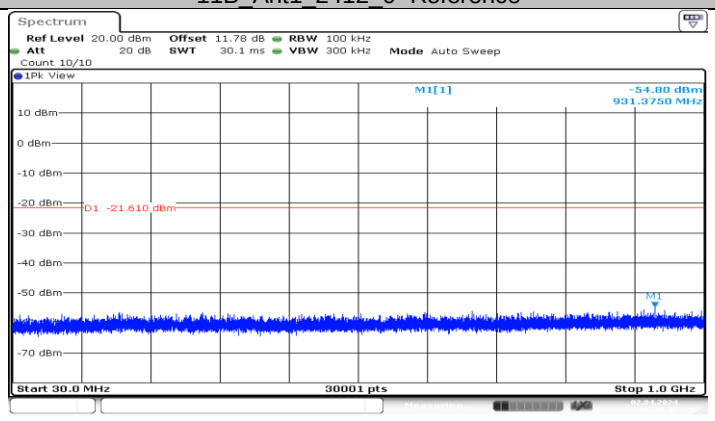
11.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.39	---	PASS
			30~1000	-54.8	≤-21.61	PASS
			1000~26500	-50.33	≤-21.61	PASS
		2437	Reference	8.10	---	PASS
			30~1000	-55.62	≤-21.9	PASS
			1000~26500	-50.53	≤-21.9	PASS
		2462	Reference	8.09	---	PASS
			30~1000	-55.6	≤-21.91	PASS
			1000~26500	-49.77	≤-21.91	PASS
11G	Ant1	2412	Reference	1.98	---	PASS
			30~1000	-54.99	≤-28.02	PASS
			1000~26500	-49.58	≤-28.02	PASS
		2437	Reference	2.54	---	PASS
			30~1000	-55.22	≤-27.46	PASS
			1000~26500	-50.28	≤-27.46	PASS
		2462	Reference	2.53	---	PASS
			30~1000	-55.65	≤-27.47	PASS
			1000~26500	-50.04	≤-27.47	PASS
11N20SISO	Ant1	2412	Reference	2.48	---	PASS
			30~1000	-55.86	≤-27.52	PASS
			1000~26500	-50.61	≤-27.52	PASS
		2437	Reference	2.34	---	PASS
			30~1000	-55.78	≤-27.66	PASS
			1000~26500	-50.33	≤-27.66	PASS
		2462	Reference	2.07	---	PASS
			30~1000	-55.85	≤-27.93	PASS
			1000~26500	-50.33	≤-27.93	PASS
11N40SISO	Ant1	2422	Reference	0.09	---	PASS
			30~1000	-55.53	≤-29.91	PASS
			1000~26500	-50.69	≤-29.91	PASS
		2437	Reference	0.04	---	PASS
			30~1000	-55.5	≤-29.96	PASS
			1000~26500	-50.33	≤-29.96	PASS
		2452	Reference	-3.59	---	PASS
			30~1000	-49.74	≤-33.59	PASS
			1000~26500	-49.74	≤-33.59	PASS

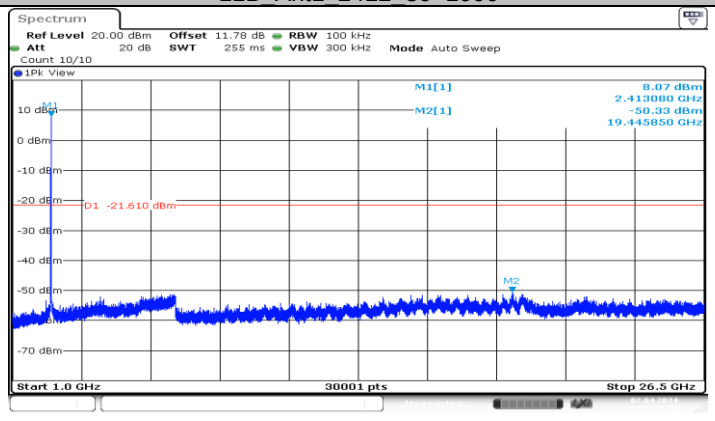
11.6.2. Test Graphs



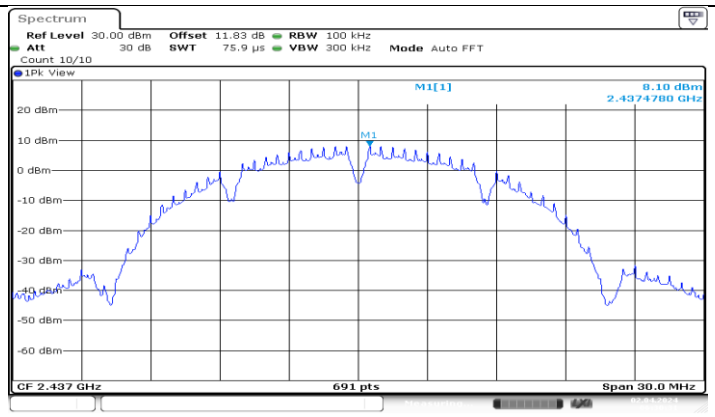
11B_Ant1_2412_0~Reference



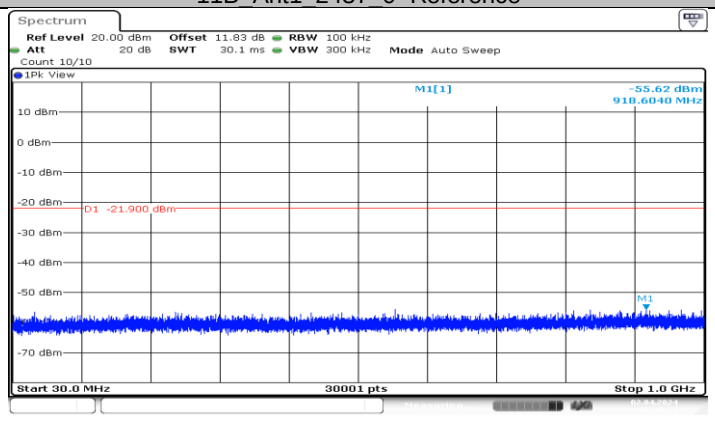
11B_Ant1_2412_30~1000



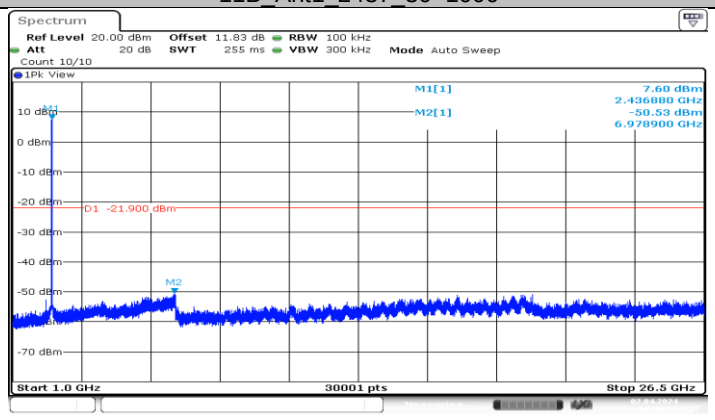
11B_Ant1_2412_1000~26500



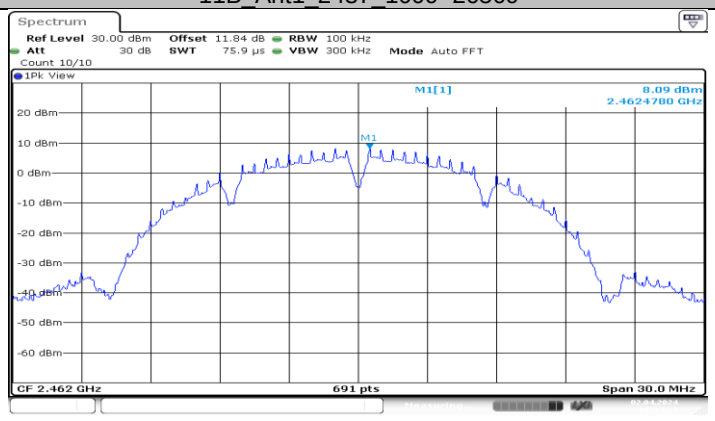
11B_Ant1_2437_0~Reference



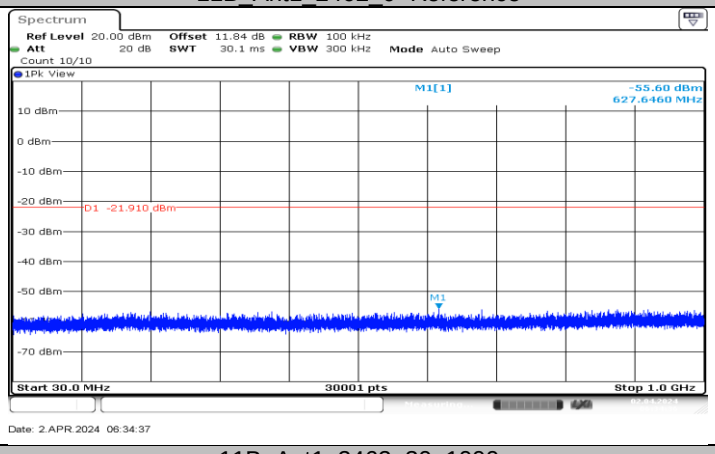
11B_Ant1_2437_30~1000



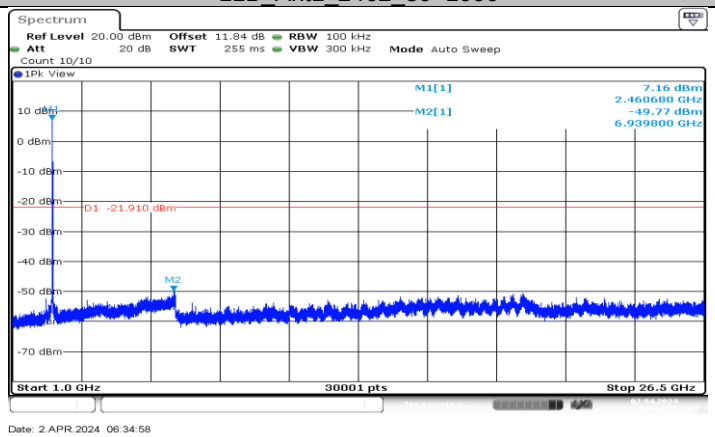
11B_Ant1_2437_1000~26500



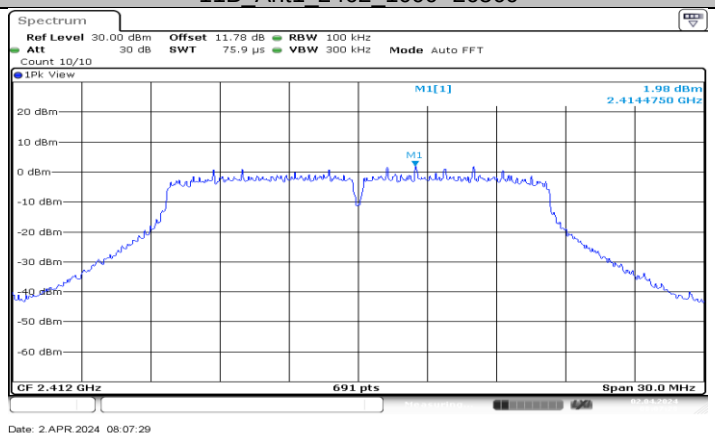
11B_Ant1_2462_0~Reference



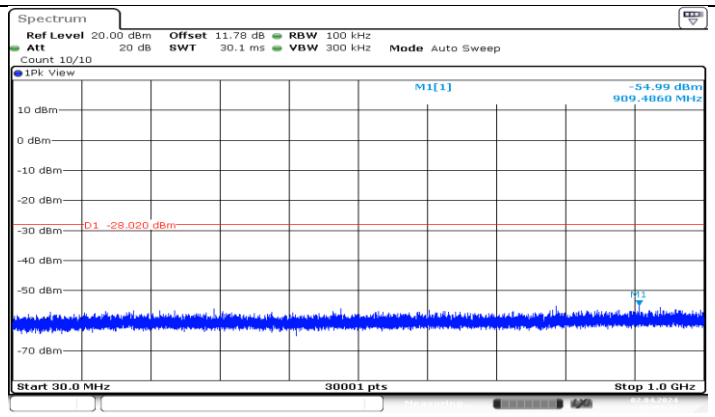
11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



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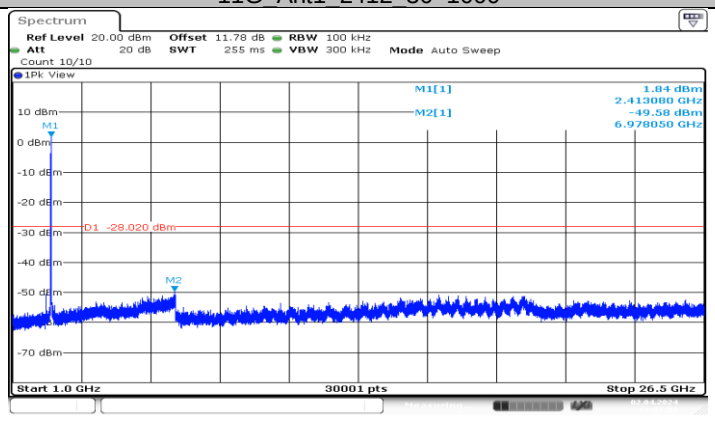
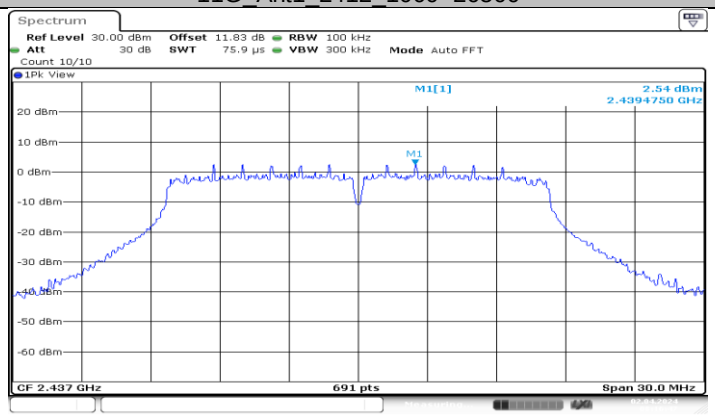
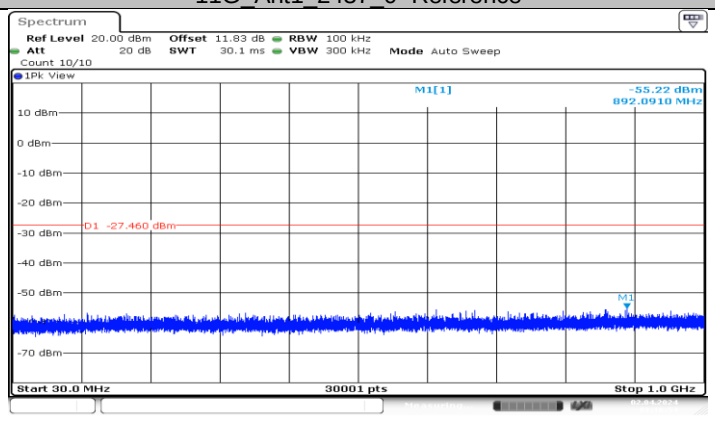


11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



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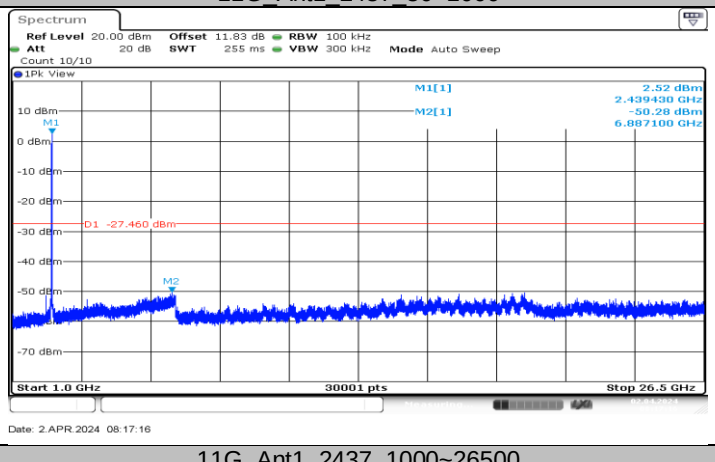
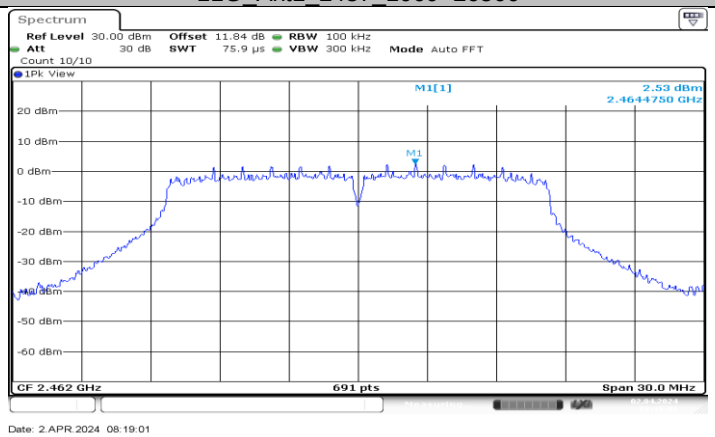
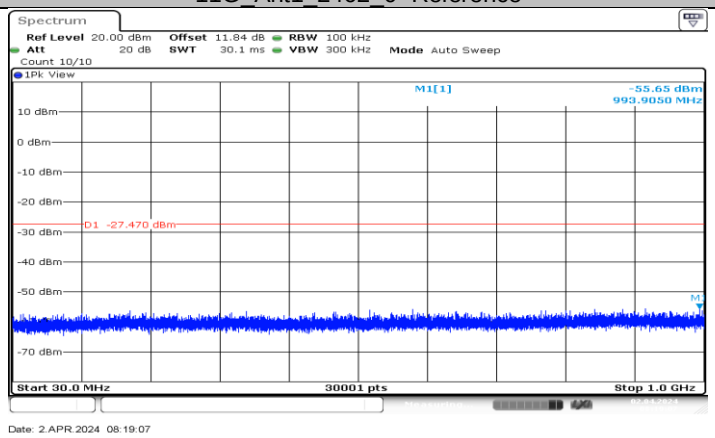


11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



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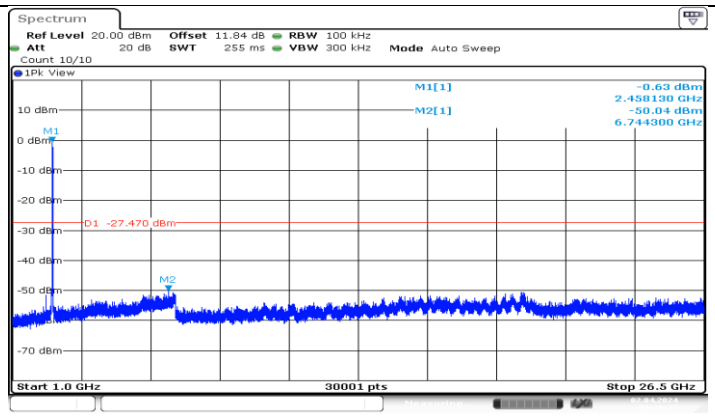

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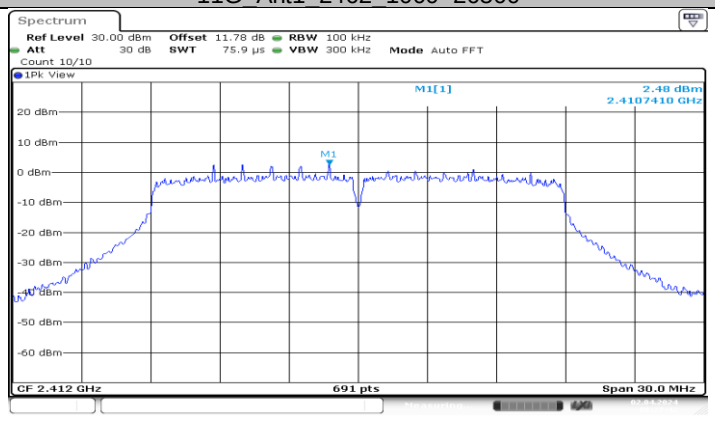
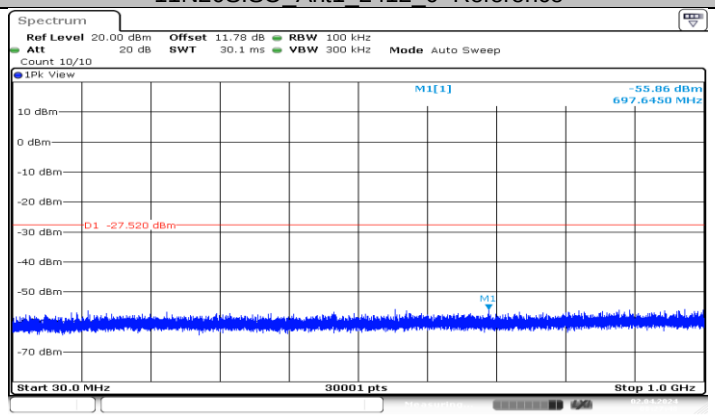


11N20SISO_Ant1_2412_0~Reference



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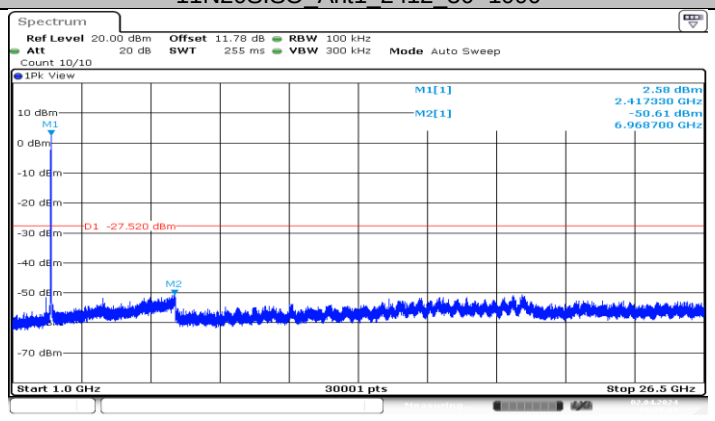

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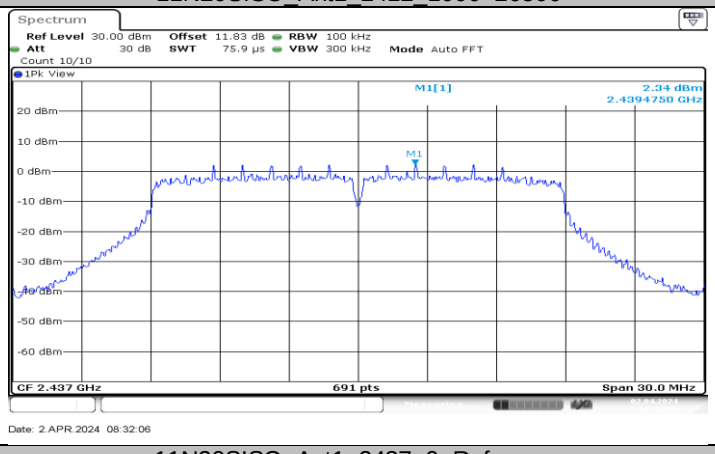

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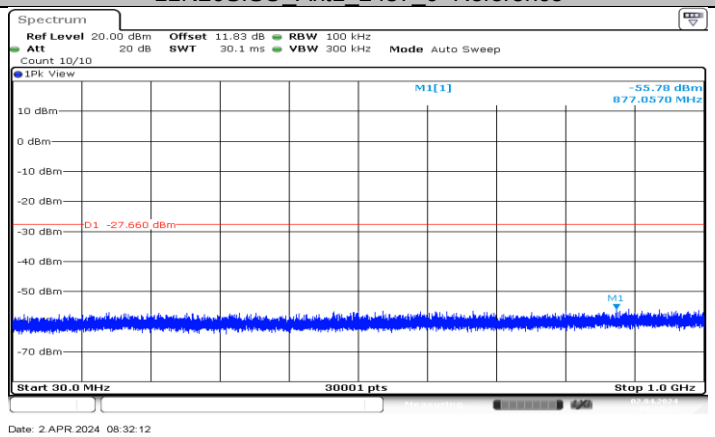

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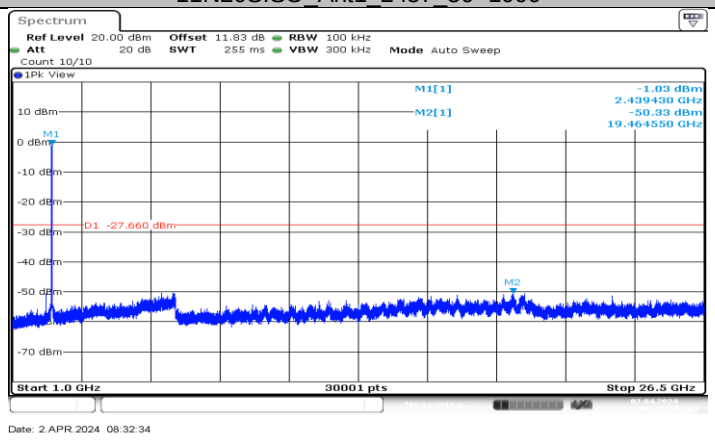

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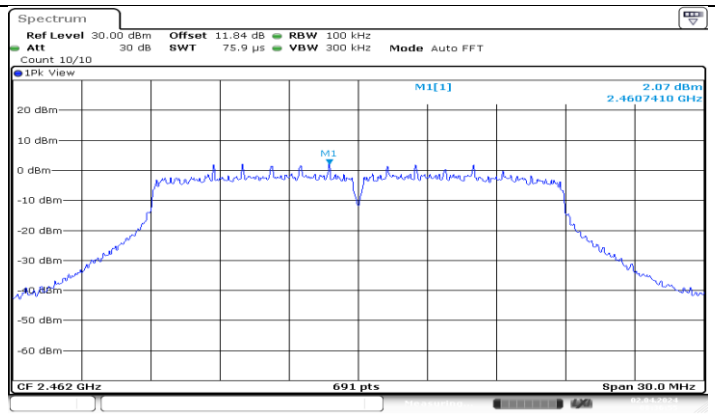

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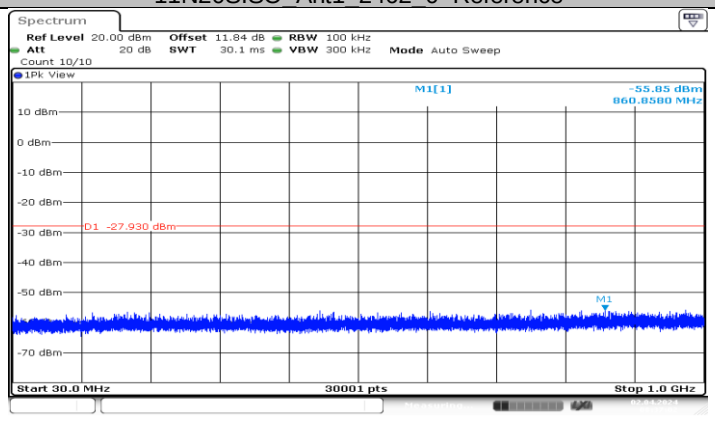
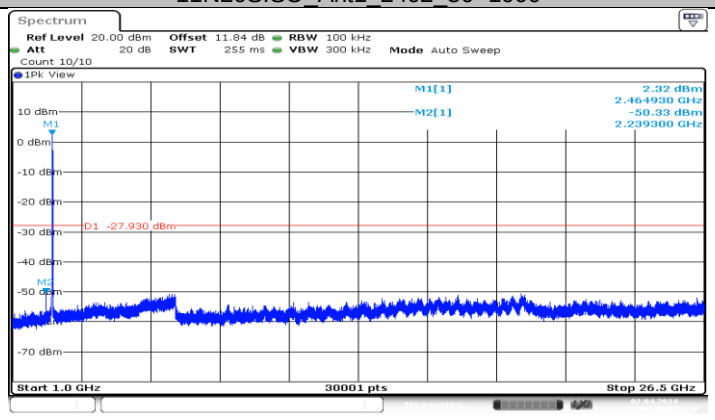
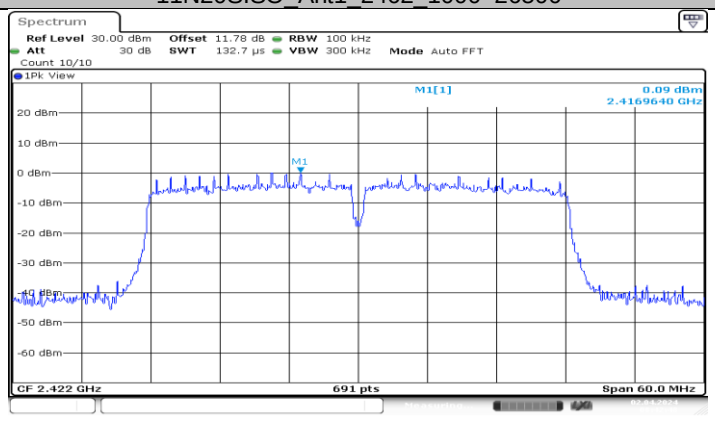


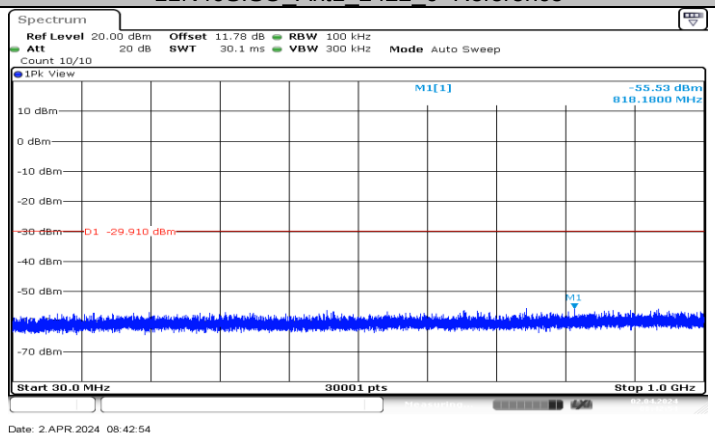
11N20SISO_Ant1_2462_30~1000



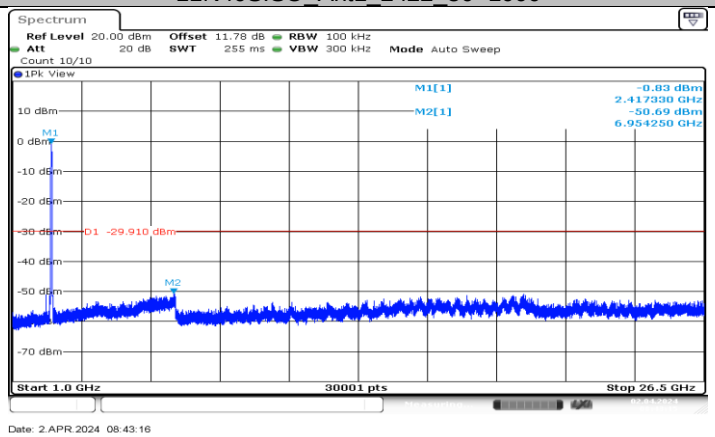
11N20SISO_Ant1_2462_1000~26500



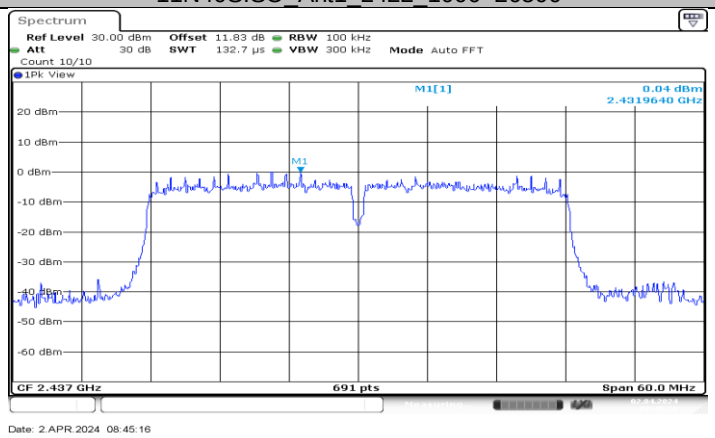
11N40SISO_Ant1_2422_0~Reference



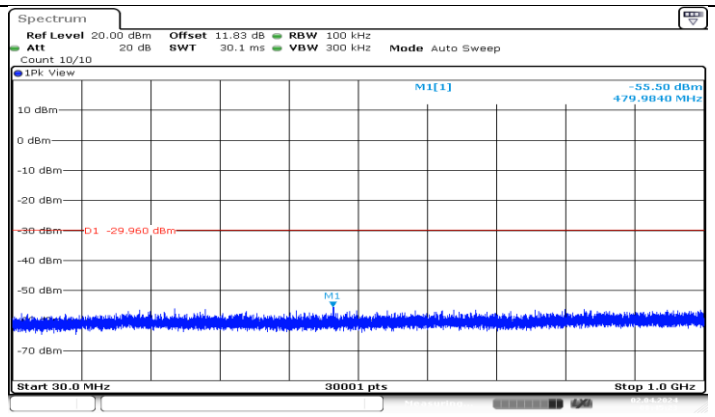
11N40SISO_Ant1_2422_30~1000



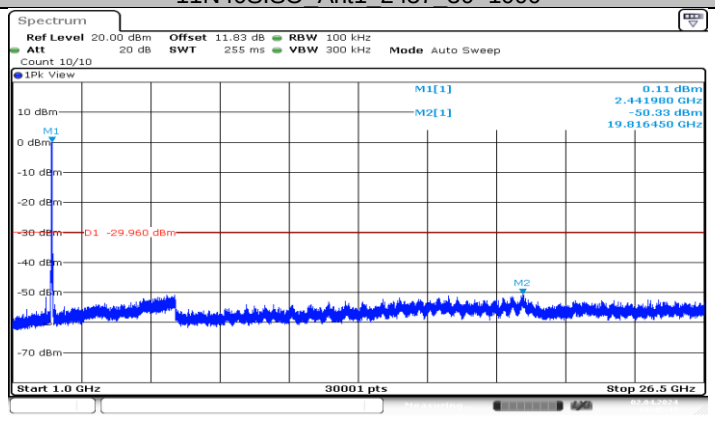
11N40SISO_Ant1_2422_1000~26500



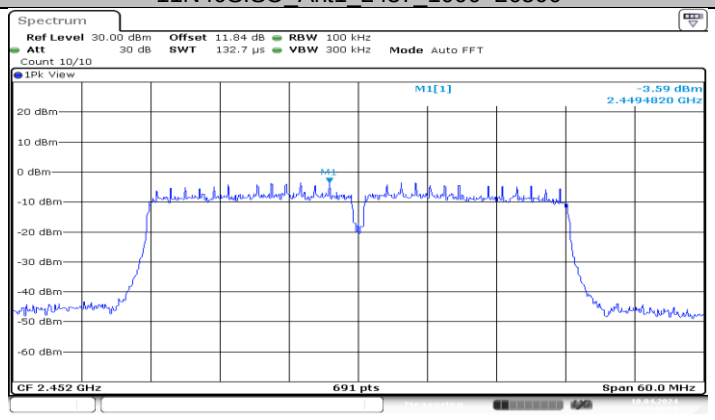
11N40SISO_Ant1_2437_0~Reference



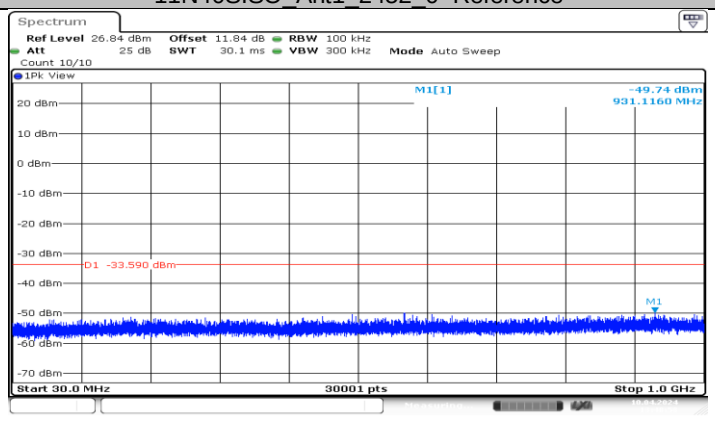
11N40SISO_Ant1_2437_30~1000

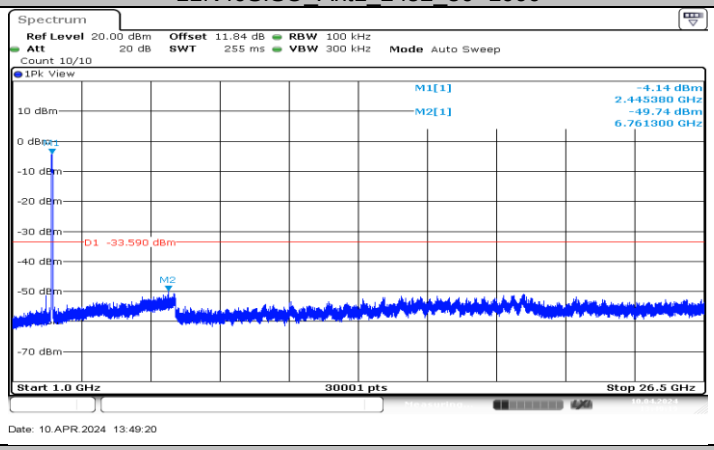


11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000

11N40SISO_Ant1_2452_1000~26500

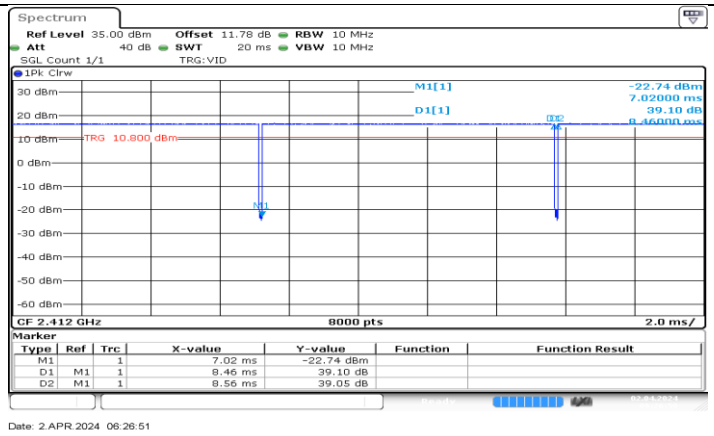
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

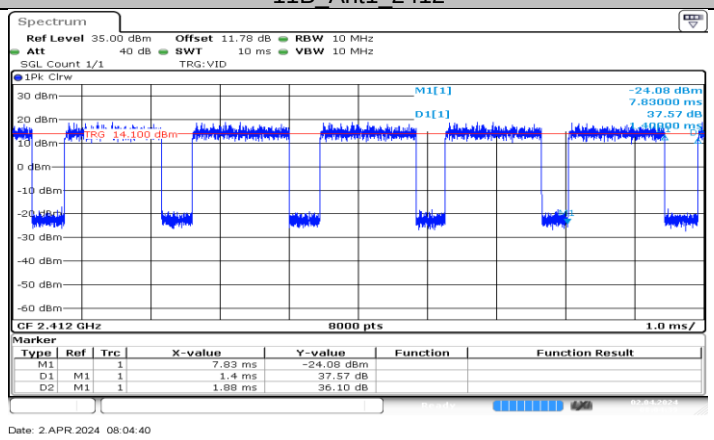
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	8.46	8.56	0.9883	98.83	0.05	N/A	0.01
11G	1.4	1.88	0.7447	74.47	1.28	0.71	1
11N20SISO	1.31	1.78	0.7360	73.60	1.33	0.76	1
11N40SISO	0.65	1.84	0.3533	35.33	4.52	1.54	2

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 $\geqslant$ 98%, set VBW $\leqslant$ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

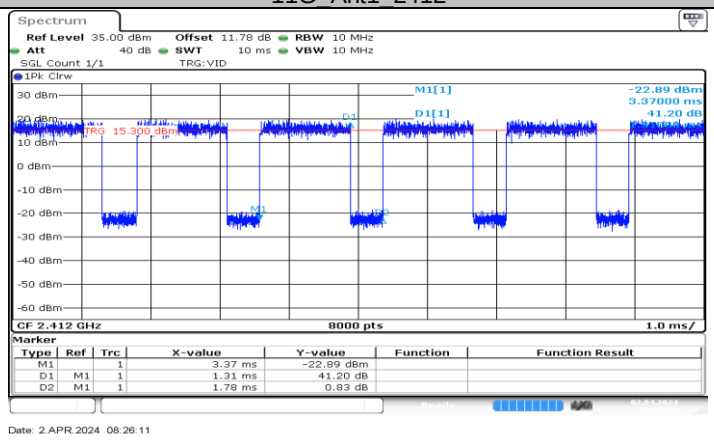
11.7.2. Test Graphs



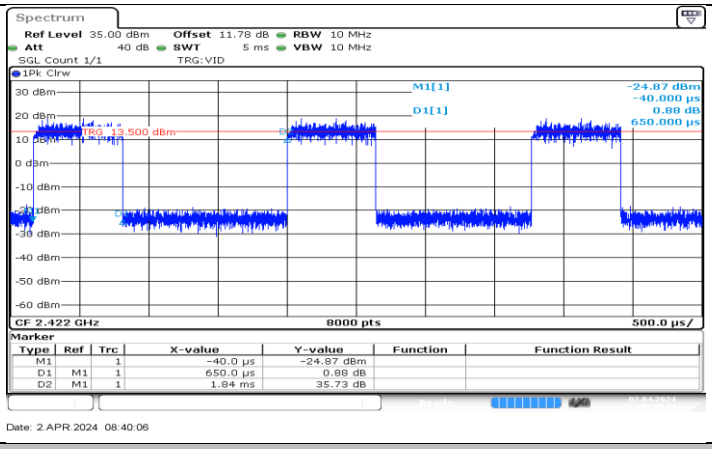
11B_Ant1_2412



11G_Ant1_2412



11N20SISO_Ant1_2412



11N40SISO_Ant1_2422

END OF REPORT