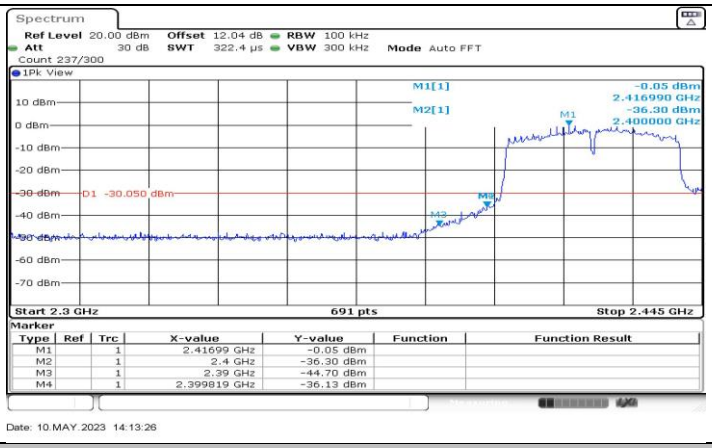
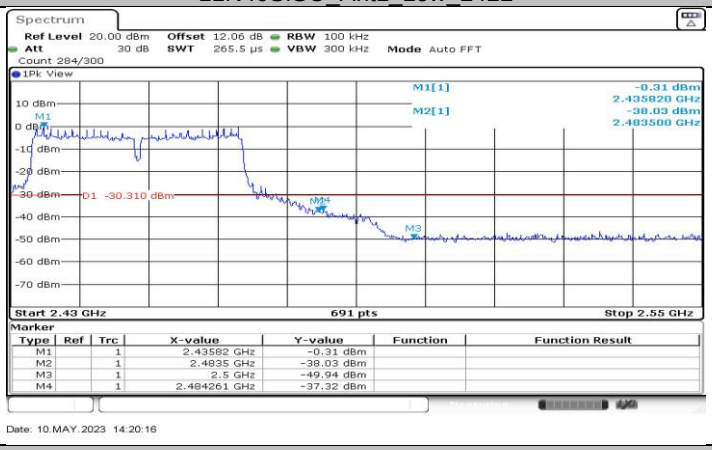


11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

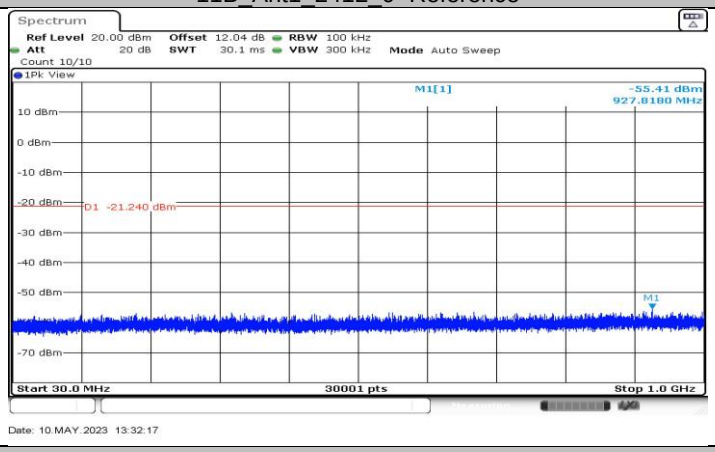
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

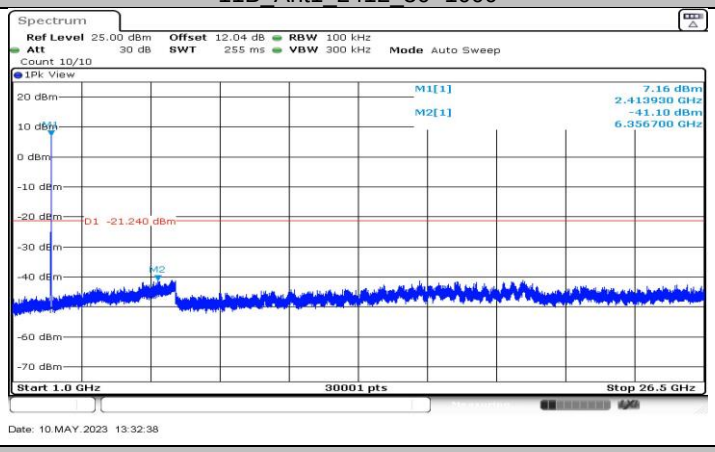
Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.76	---	PASS
			30~1000	-55.41	≤-21.24	PASS
			1000~26500	-41.1	≤-21.24	PASS
		2437	Reference	6.63	---	PASS
			30~1000	-55.05	≤-23.37	PASS
			1000~26500	-40.89	≤-23.37	PASS
		2462	Reference	8.89	---	PASS
			30~1000	-56.02	≤-21.11	PASS
			1000~26500	-40.29	≤-21.11	PASS
11G	Ant1	2412	Reference	3.78	---	PASS
			30~1000	-56.03	≤-26.22	PASS
			1000~26500	-40.05	≤-26.22	PASS
		2437	Reference	3.15	---	PASS
			30~1000	-56.02	≤-26.85	PASS
			1000~26500	-40.43	≤-26.85	PASS
		2462	Reference	4.00	---	PASS
			30~1000	-56.09	≤-26	PASS
			1000~26500	-40.18	≤-26	PASS
11N20SISO	Ant1	2412	Reference	3.97	---	PASS
			30~1000	-55.43	≤-26.03	PASS
			1000~26500	-41.13	≤-26.03	PASS
		2437	Reference	2.36	---	PASS
			30~1000	-55.74	≤-27.64	PASS
			1000~26500	-40.27	≤-27.64	PASS
		2462	Reference	4.02	---	PASS
			30~1000	-55.43	≤-25.98	PASS
			1000~26500	-40.31	≤-25.98	PASS
11N40SISO	Ant1	2422	Reference	1.26	---	PASS
			30~1000	-56.25	≤-28.74	PASS
			1000~26500	-40.21	≤-28.74	PASS
		2437	Reference	0.18	---	PASS
			30~1000	-55.87	≤-29.82	PASS
			1000~26500	-40.15	≤-29.82	PASS
		2452	Reference	-0.50	---	PASS
			30~1000	-55.28	≤-30.5	PASS
			1000~26500	-41.24	≤-30.5	PASS

11.6.2. Test Graphs

11B_Ant1_2412_0~Reference

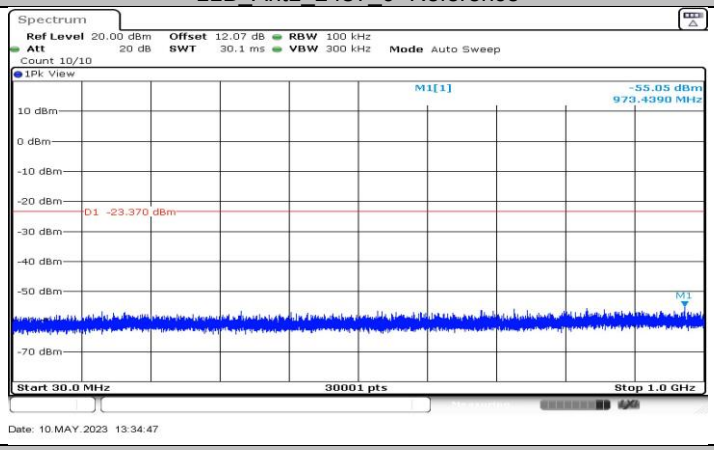


11B_Ant1_2412_30~1000

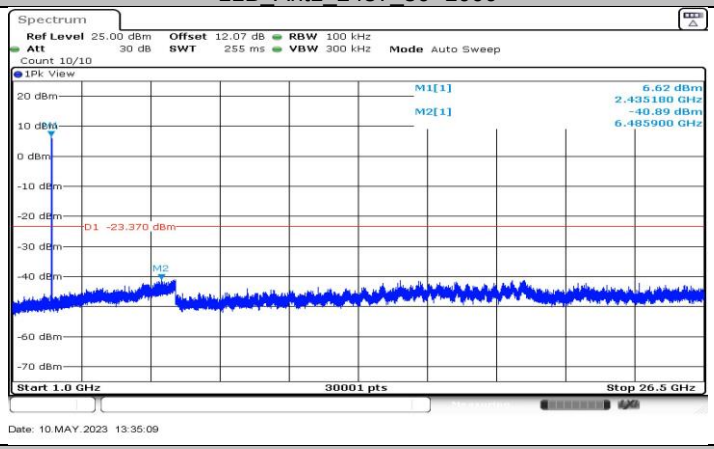


11B_Ant1_2412_1000~26500

11B_Ant1_2437_0~Reference

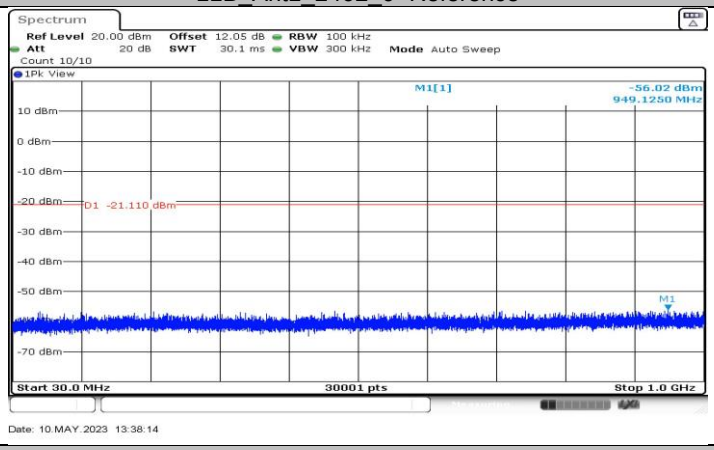


11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500

11B_Ant1_2462_0~Reference



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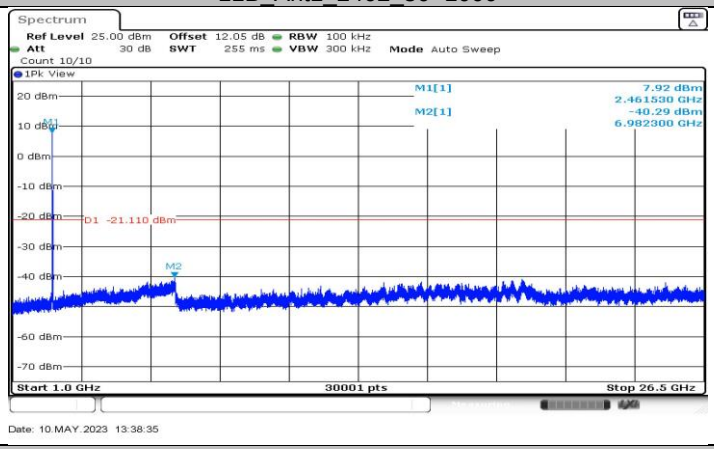

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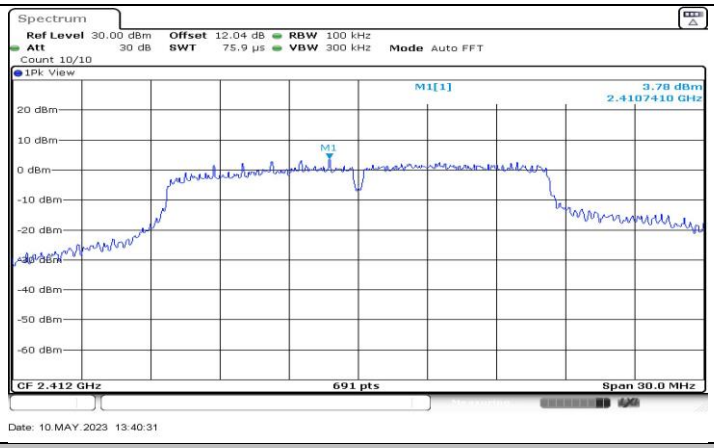
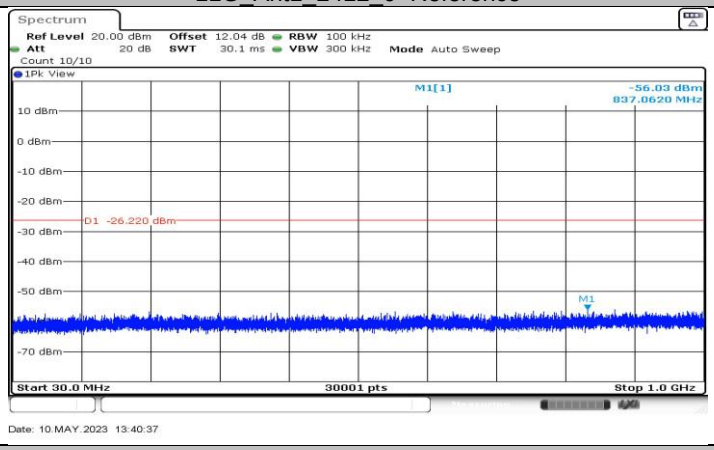


11G_Ant1_2412_0~Reference



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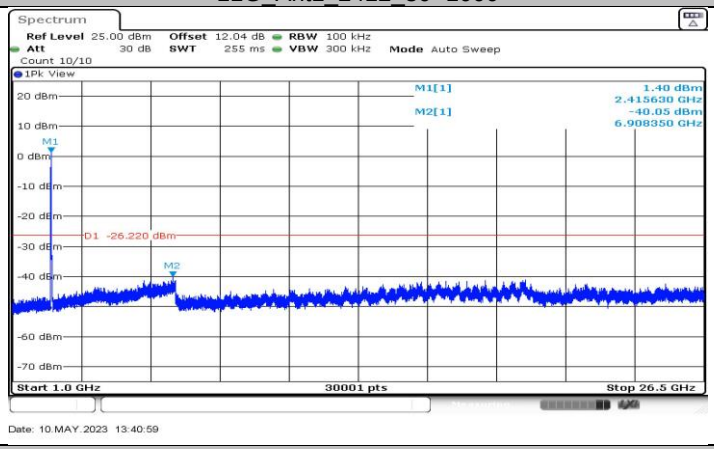
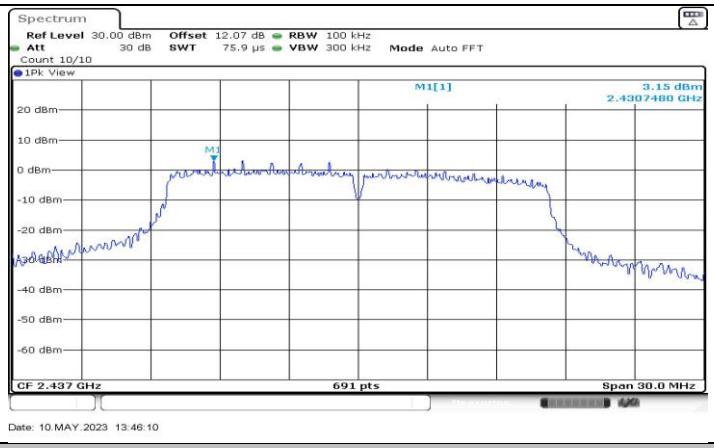
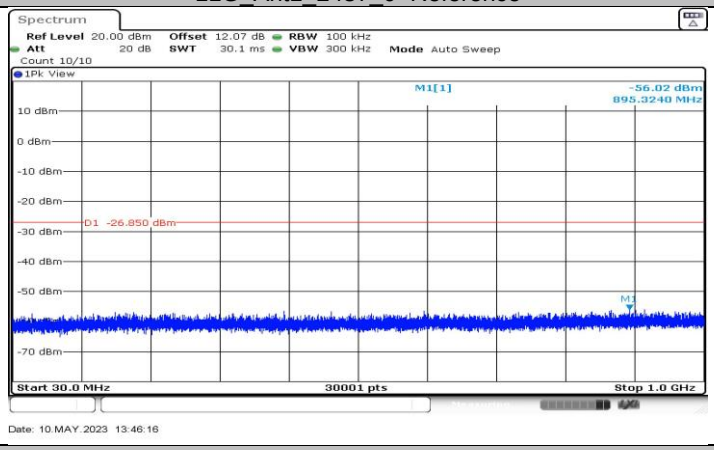


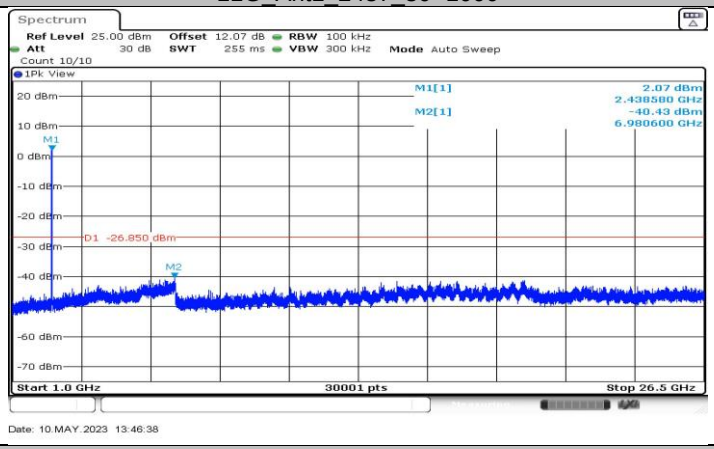
11G_Ant1_2412_1000~26500



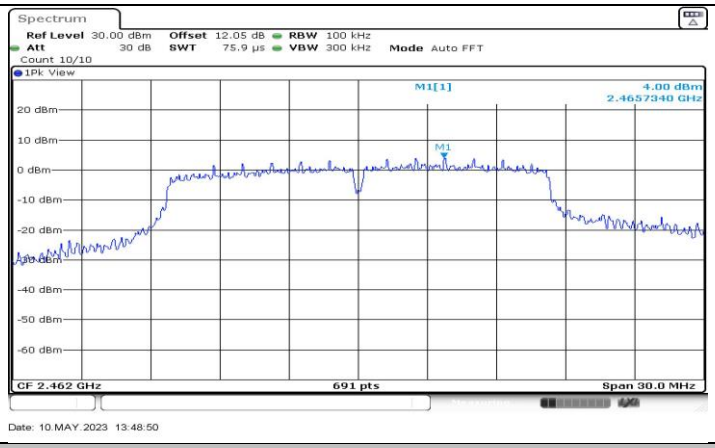
11G_Ant1_2437_0~Reference



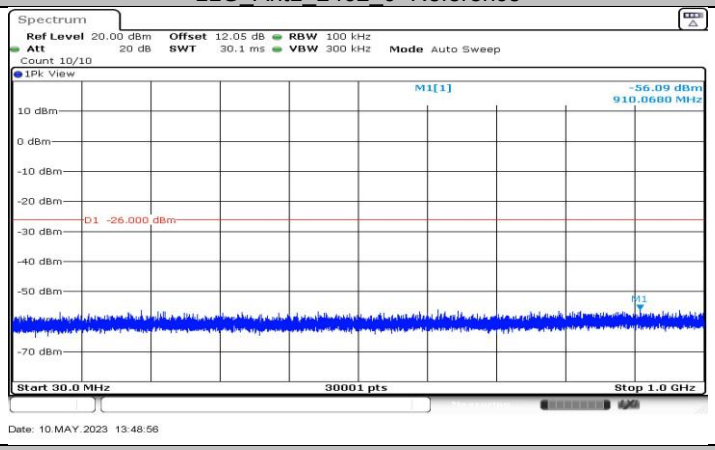
11G_Ant1_2437_30~1000



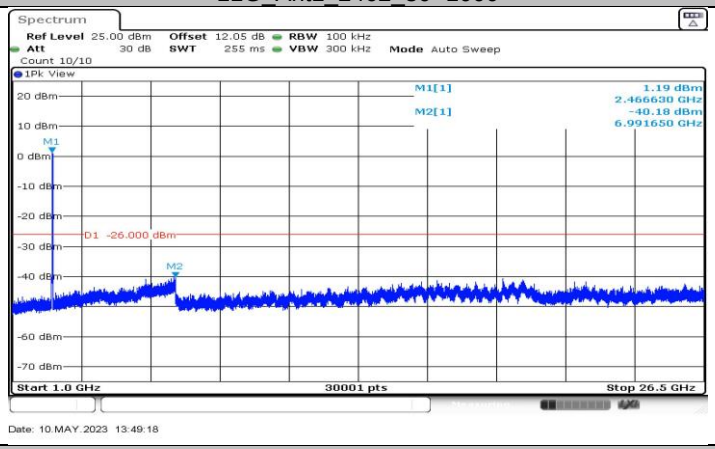
11G_Ant1_2437_1000~26500



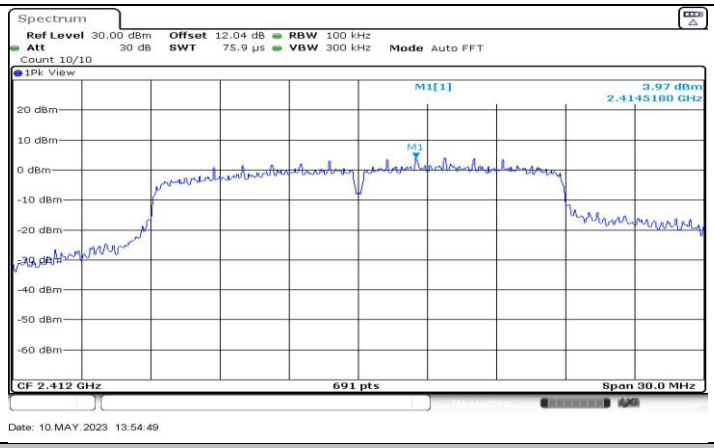
11G_Ant1_2462_0~Reference



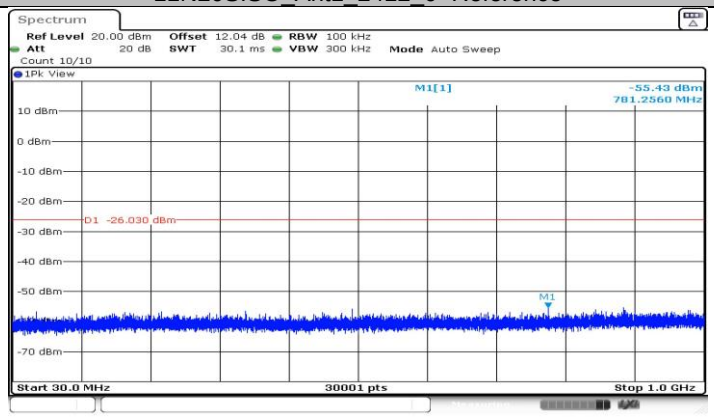
11G_Ant1_2462_30~1000



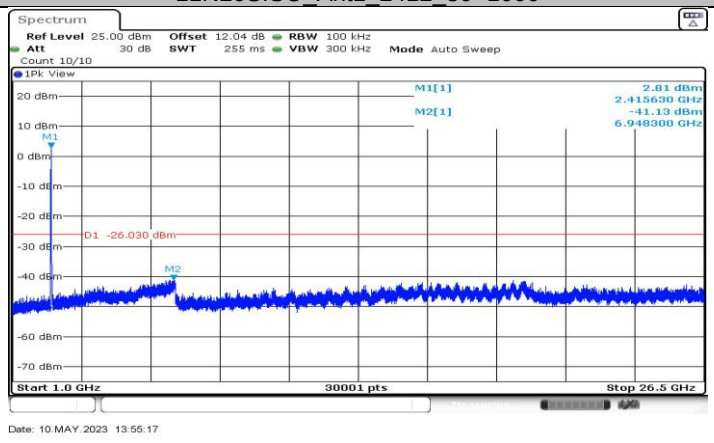
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference

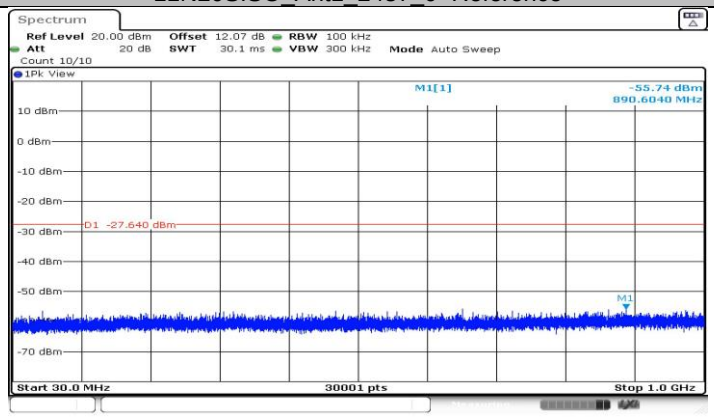


11N20SISO_Ant1_2412_30~1000

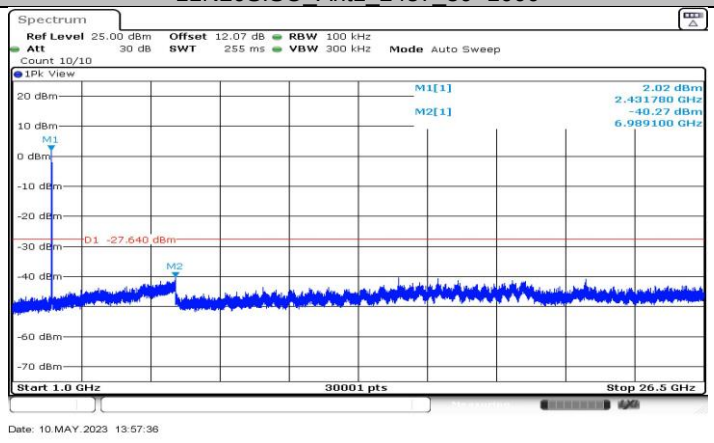


11N20SISO_Ant1_2412_1000~26500

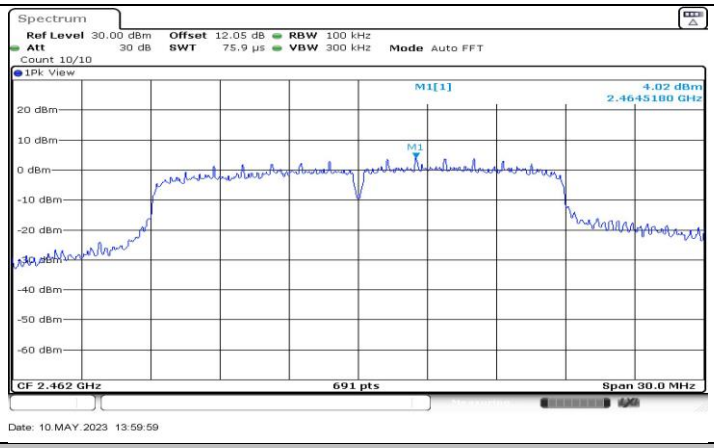
11N20SISO_Ant1_2437_0~Reference



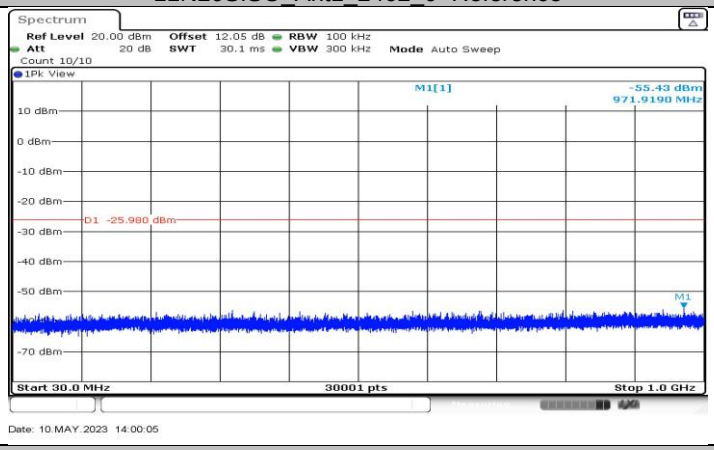
11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



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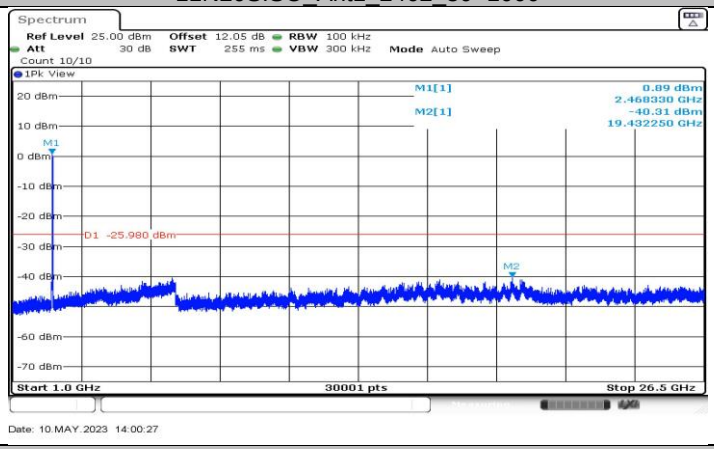
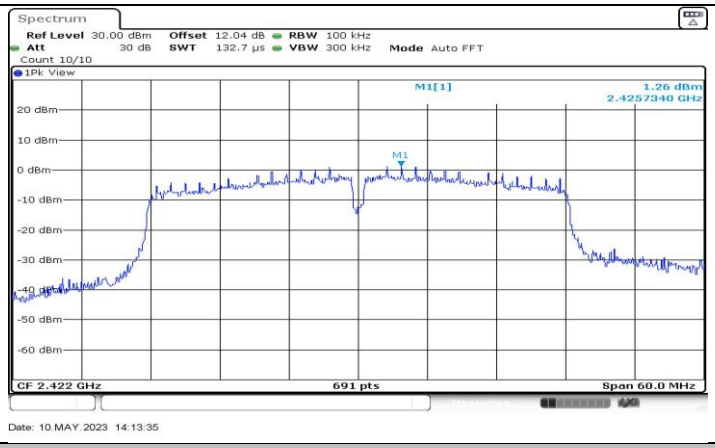
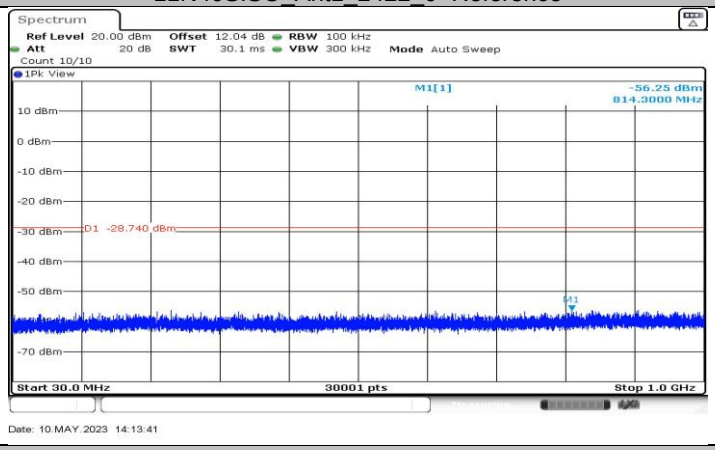


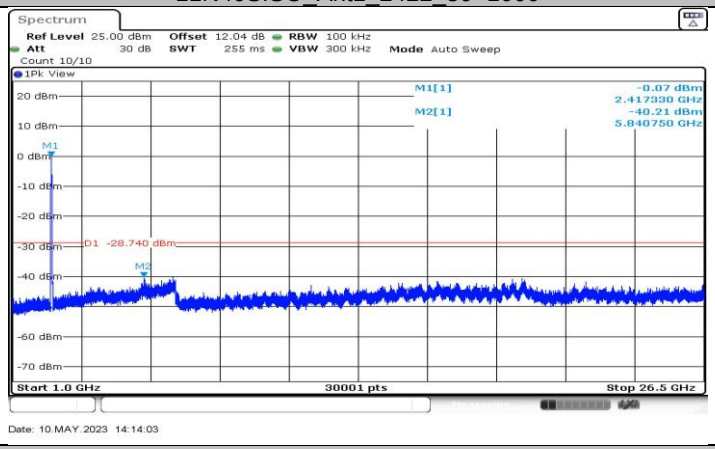
11N20SISO_Ant1_2462_1000~26500



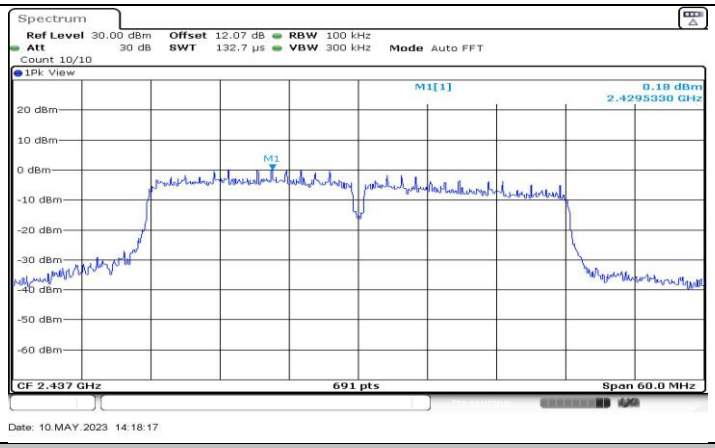
11N40SISO_Ant1_2422_0~Reference



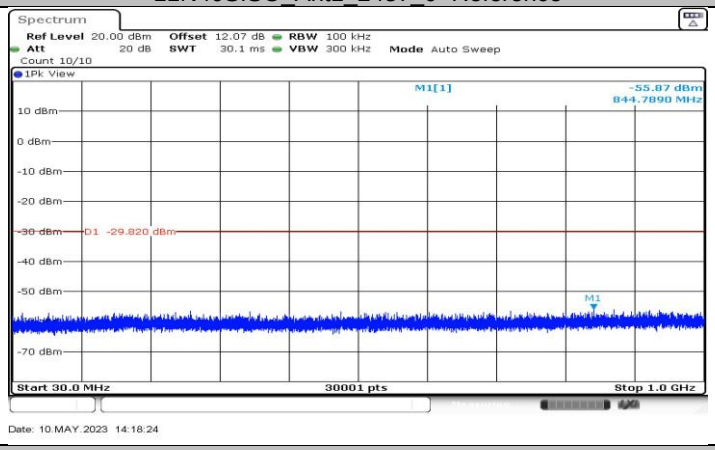
11N40SISO_Ant1_2422_30~1000



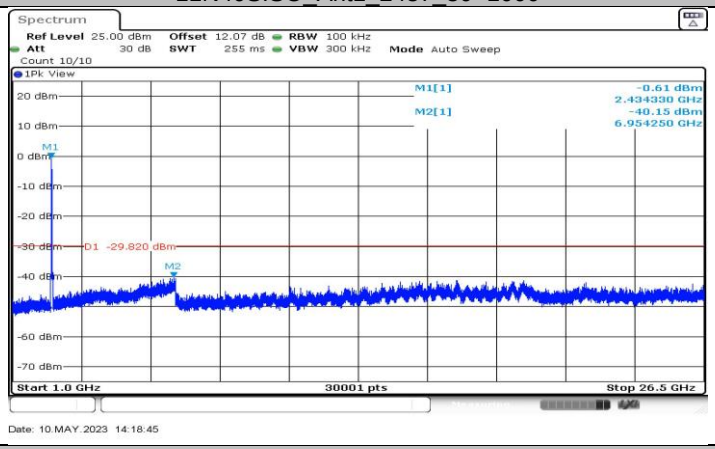
11N40SISO_Ant1_2422_1000~26500



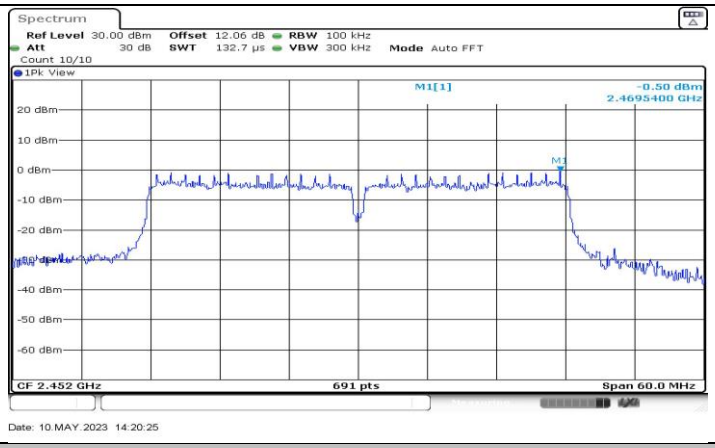
11N40SISO_Ant1_2437_0~Reference



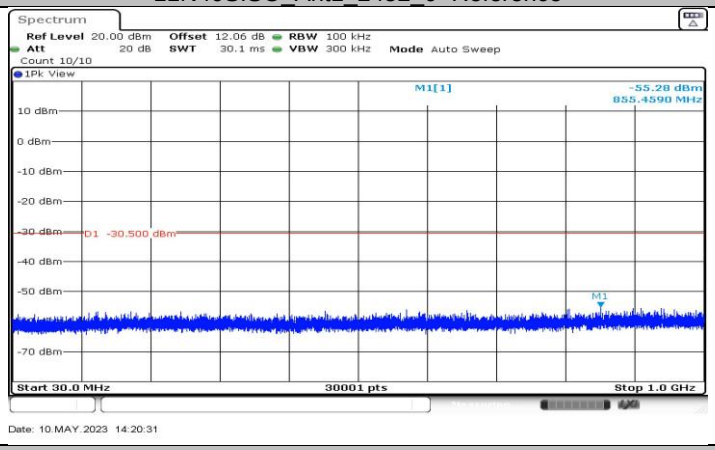
11N40SISO_Ant1_2437_30~1000



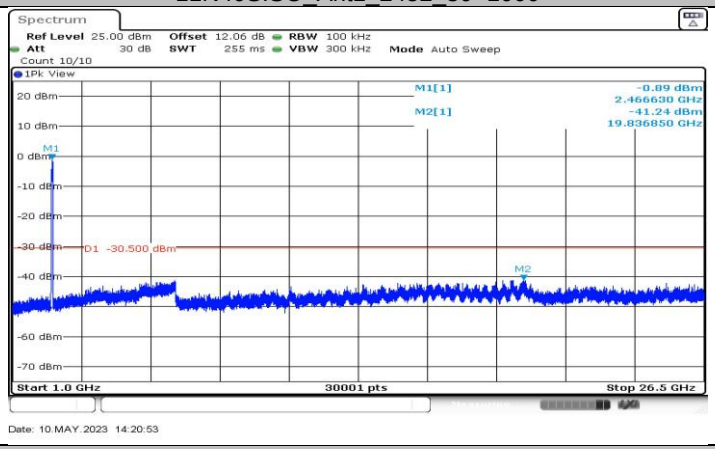
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

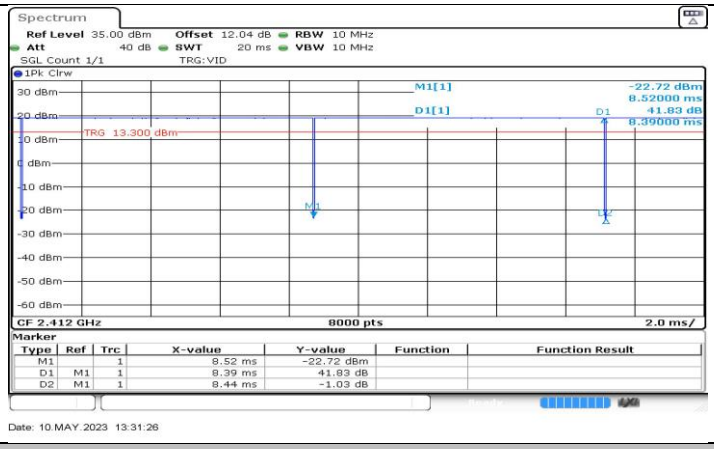
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

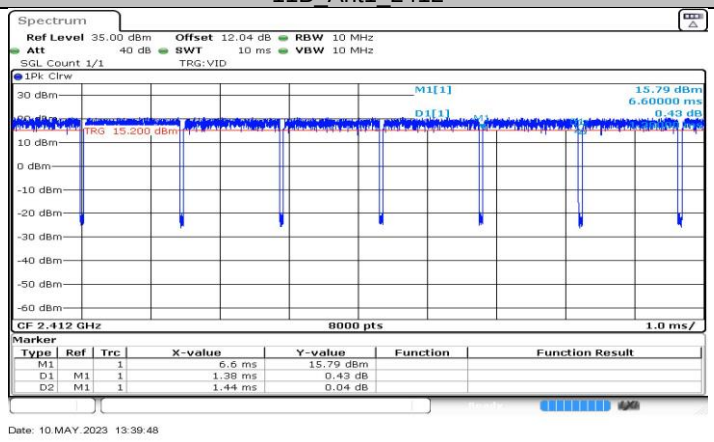
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	8.39	8.44	0.9941	99.41	0.03	NA	0.01
11G	1.38	1.44	0.9583	95.83	0.18	0.72	1
11N20SISO	1.30	1.36	0.9559	95.59	0.20	0.77	1
11N40SISO	0.64	0.69	0.9275	92.75	0.33	1.56	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 D ≥ 98%, then set VBW ≤ RBW / 100 (i.e., 10 kHz), but not less than 10 Hz.

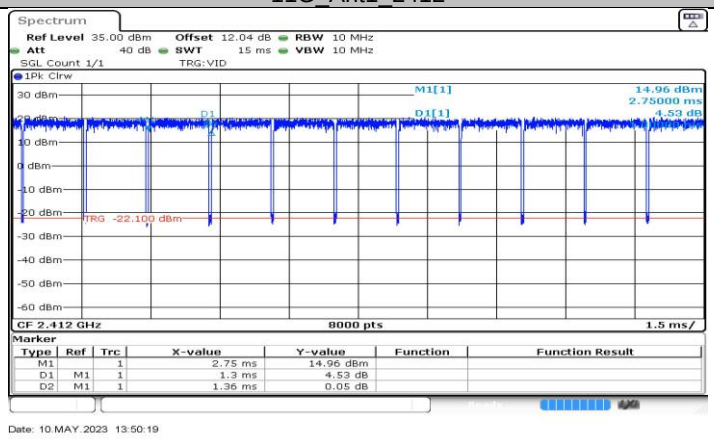
11.7.2. Test Graphs



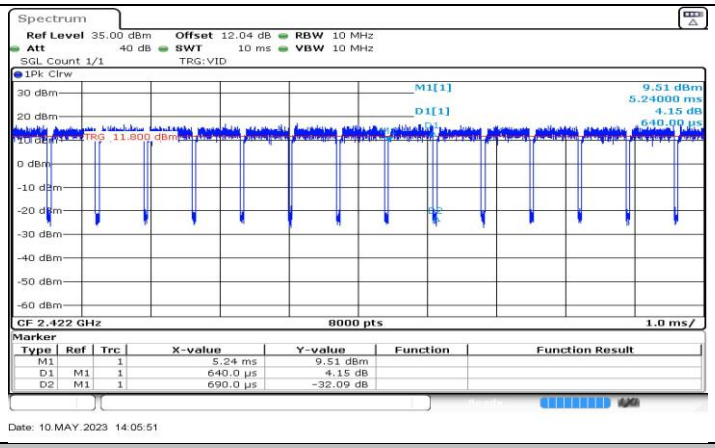
11B_Ant1_2412



11G_Ant1_2412



11N20SISO_Ant1_2412



11N40SISO_Ant1_2422

END OF REPORT