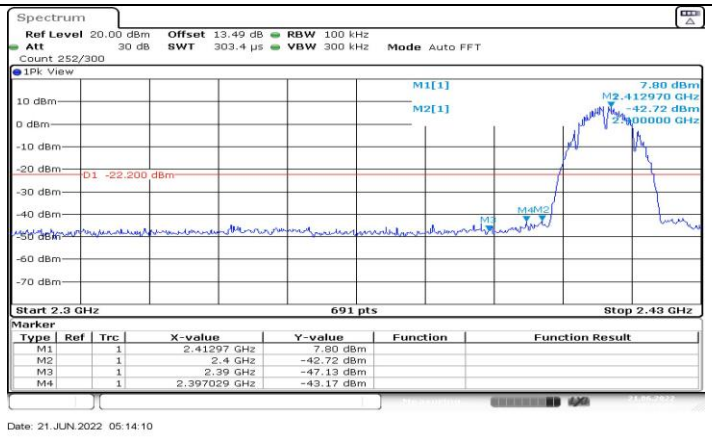
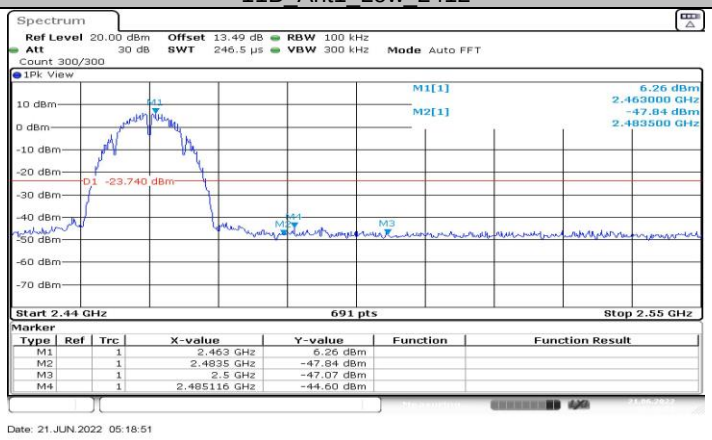
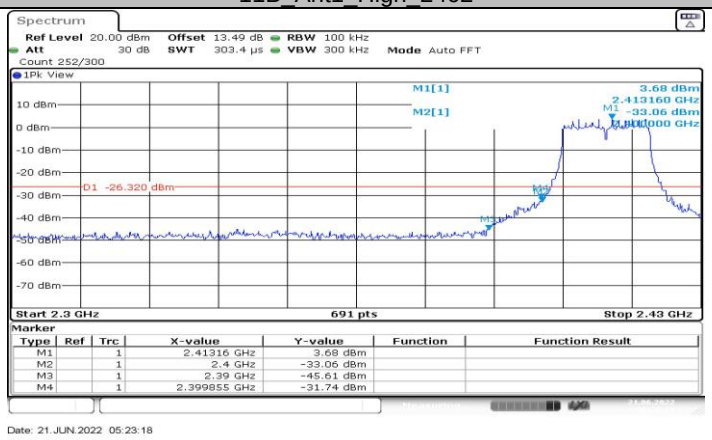
11.5.2. Test Graphs



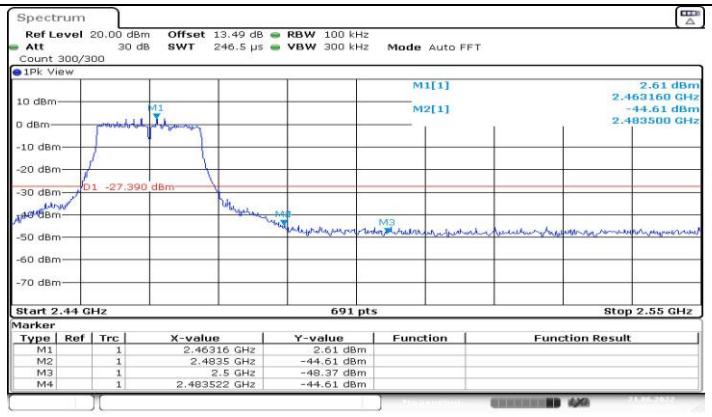
11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



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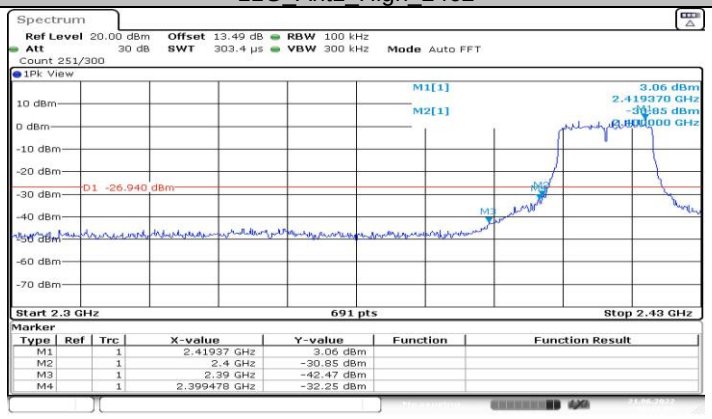
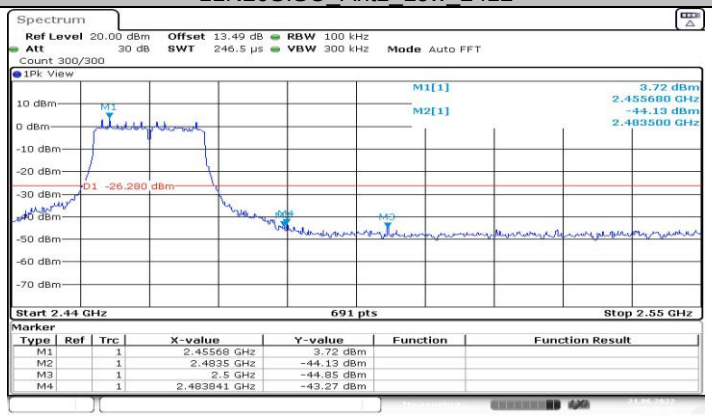


11N20SISO_Ant1_Low_2412



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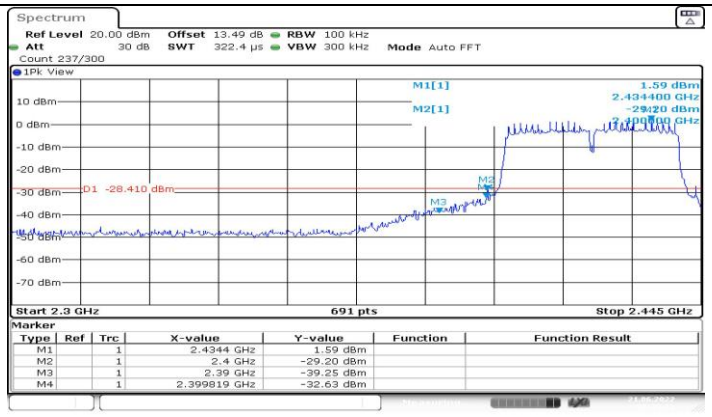

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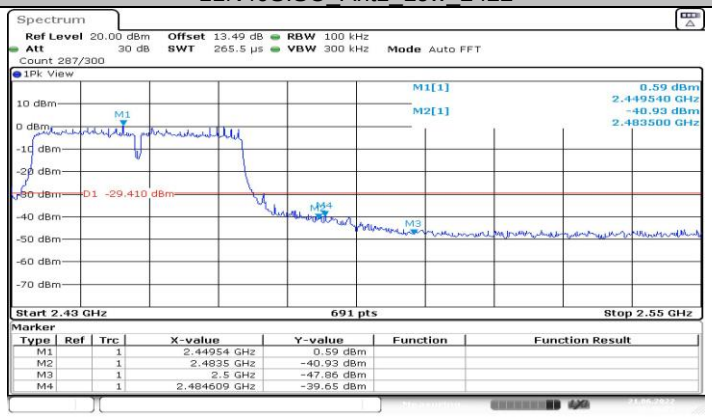


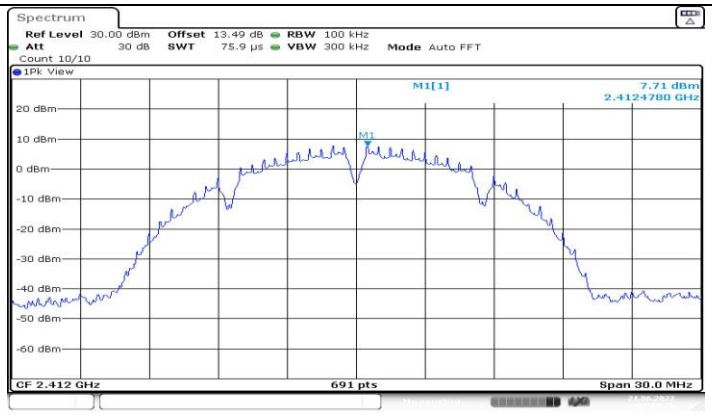
11N40SISO_Ant1_High_2452

11.6. Appendix F: Conducted Spurious Emission

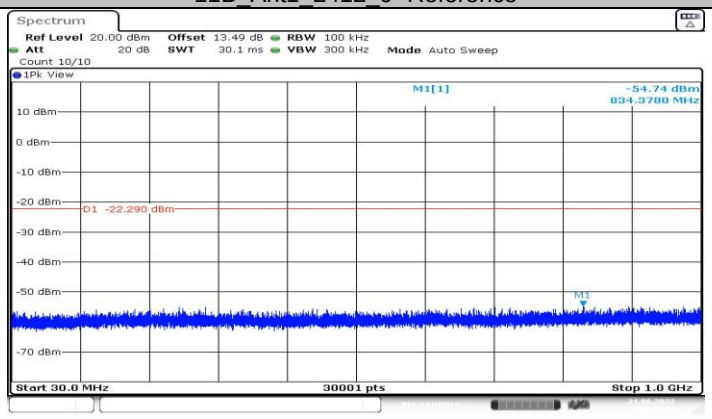
11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.71	---	PASS
			30~1000	-54.74	≤-22.29	PASS
			1000~26500	-34.44	≤-22.29	PASS
		2437	Reference	8.13	---	PASS
			30~1000	-54.49	≤-21.87	PASS
			1000~26500	-34.24	≤-21.87	PASS
		2462	Reference	6.88	---	PASS
			30~1000	-54.56	≤-23.12	PASS
			1000~26500	-36.88	≤-23.12	PASS
11G	Ant1	2412	Reference	3.47	---	PASS
			30~1000	-54.62	≤-26.53	PASS
			1000~26500	-45.63	≤-26.53	PASS
		2437	Reference	4.16	---	PASS
			30~1000	-54.16	≤-25.84	PASS
			1000~26500	-45.59	≤-25.84	PASS
		2462	Reference	3.67	---	PASS
			30~1000	-54.77	≤-26.33	PASS
			1000~26500	-46.67	≤-26.33	PASS
11N20SISO	Ant1	2412	Reference	4.04	---	PASS
			30~1000	-54.41	≤-25.96	PASS
			1000~26500	-44.53	≤-25.96	PASS
		2437	Reference	4.57	---	PASS
			30~1000	-54.38	≤-25.43	PASS
			1000~26500	-44.39	≤-25.43	PASS
		2462	Reference	2.90	---	PASS
			30~1000	-54.67	≤-27.1	PASS
			1000~26500	-48.44	≤-27.1	PASS
11N40SISO	Ant1	2422	Reference	1.75	---	PASS
			30~1000	-53.73	≤-28.25	PASS
			1000~26500	-46.9	≤-28.25	PASS
		2437	Reference	1.45	---	PASS
			30~1000	-54.49	≤-28.55	PASS
			1000~26500	-42.28	≤-28.55	PASS
		2452	Reference	1.32	---	PASS
			30~1000	-54.84	≤-28.68	PASS
			1000~26500	-47.65	≤-28.68	PASS

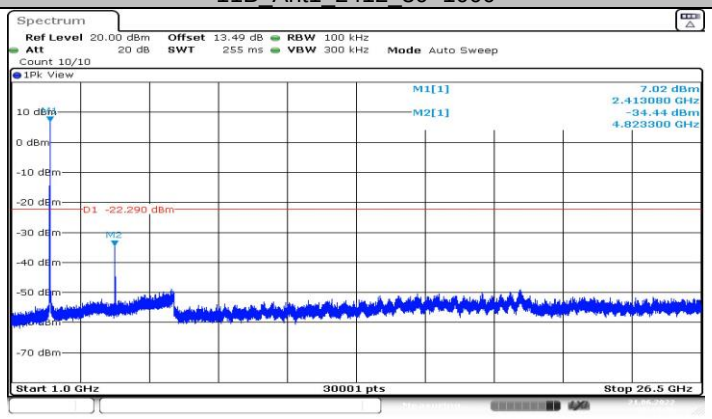
11.6.2. Test Graphs



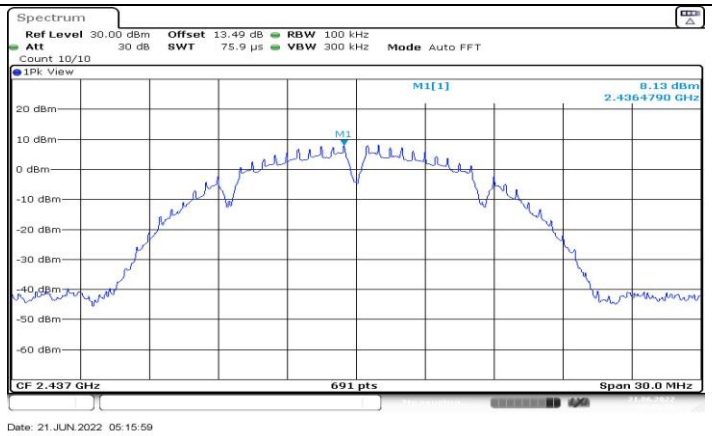
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



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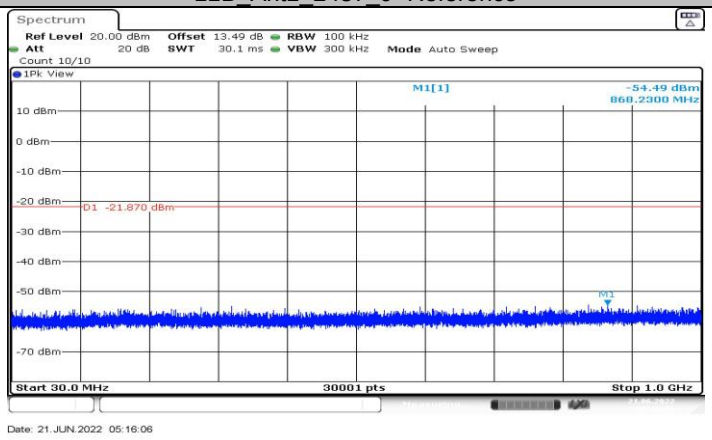

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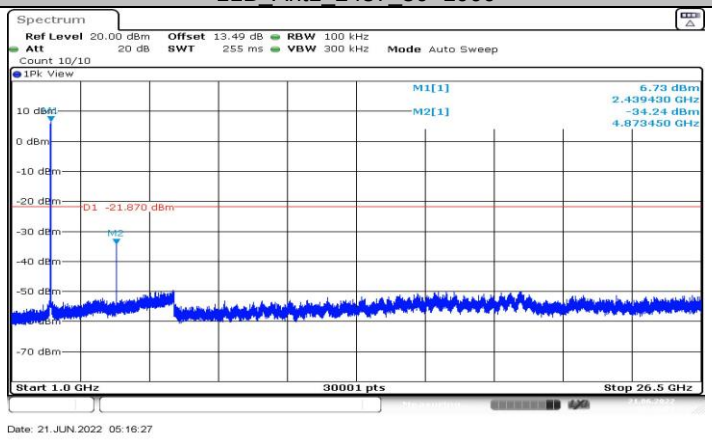

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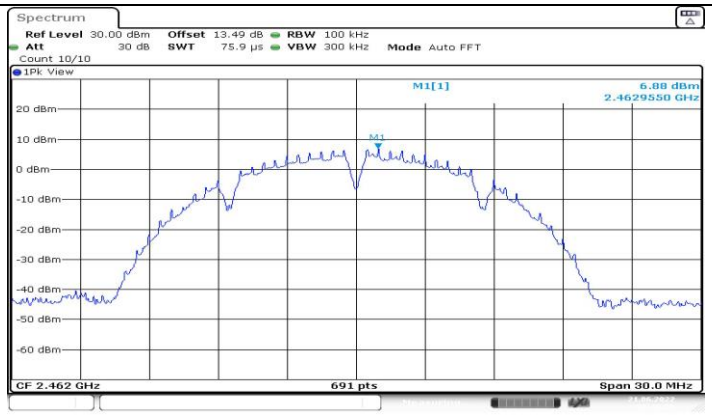
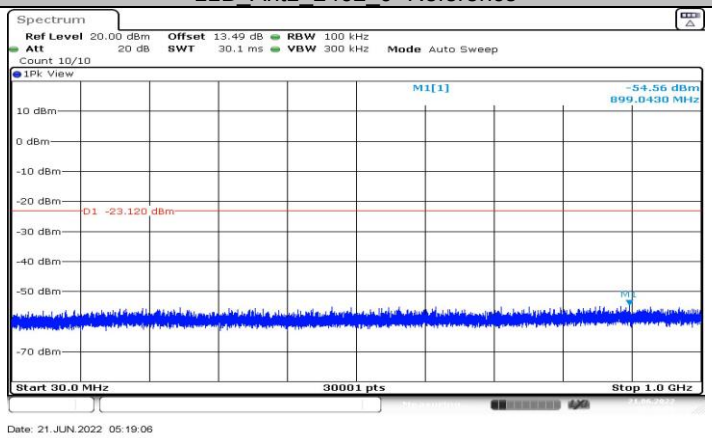


11B_Ant1_2462_0~Reference



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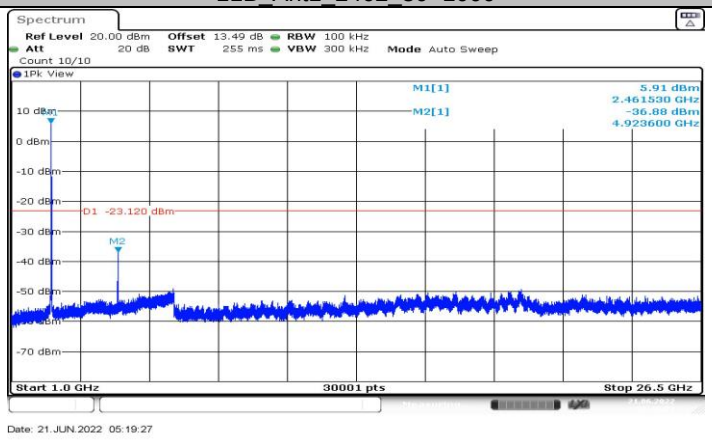

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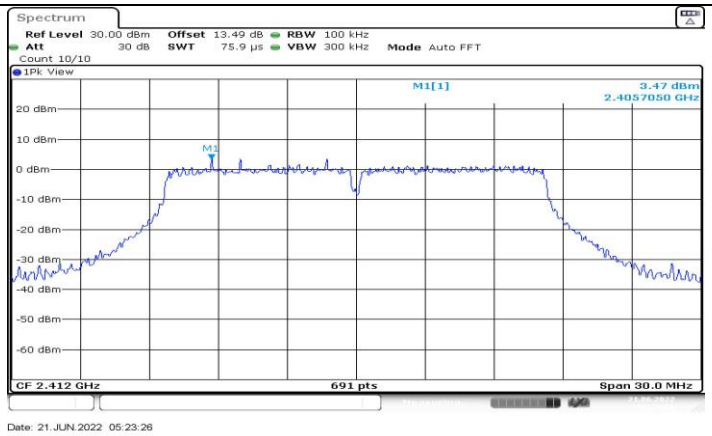

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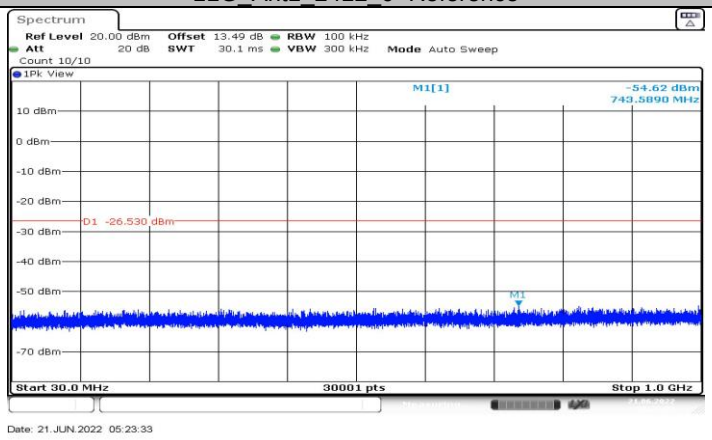

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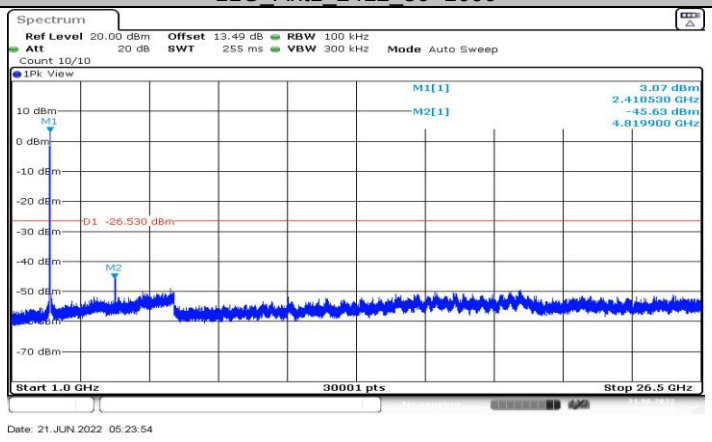

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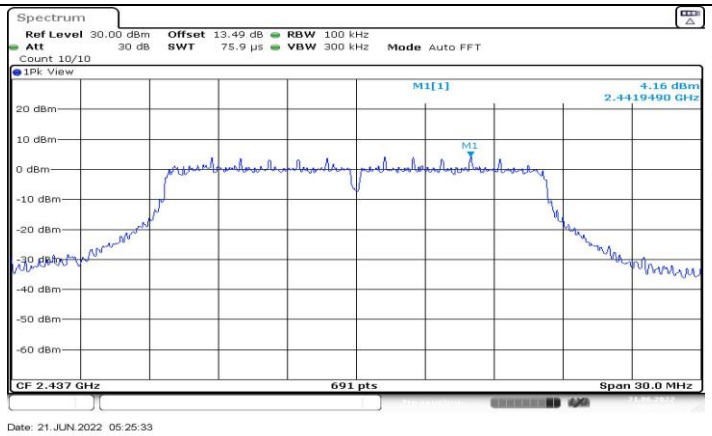

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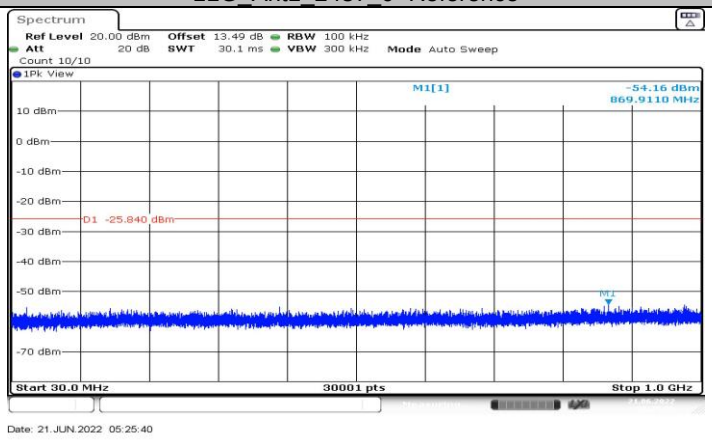

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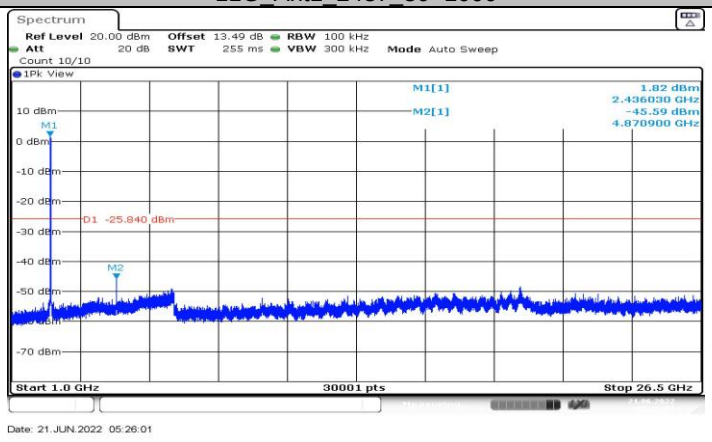

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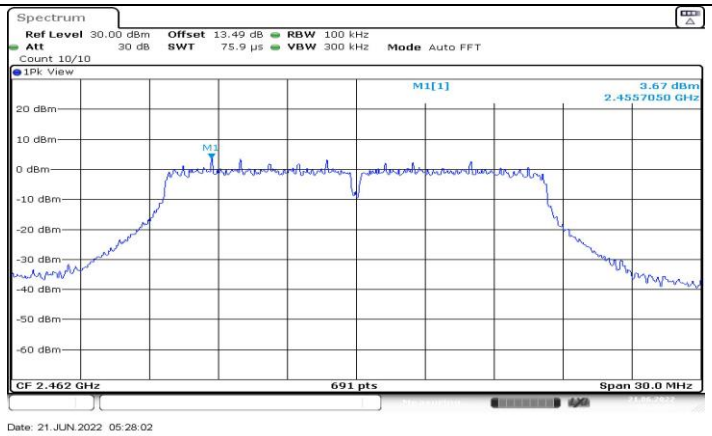

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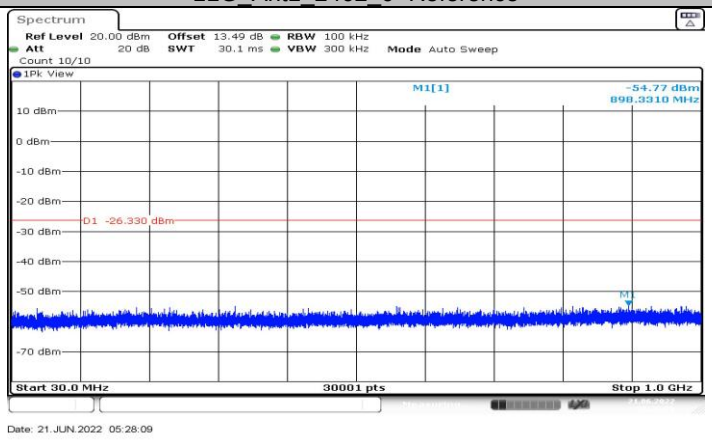

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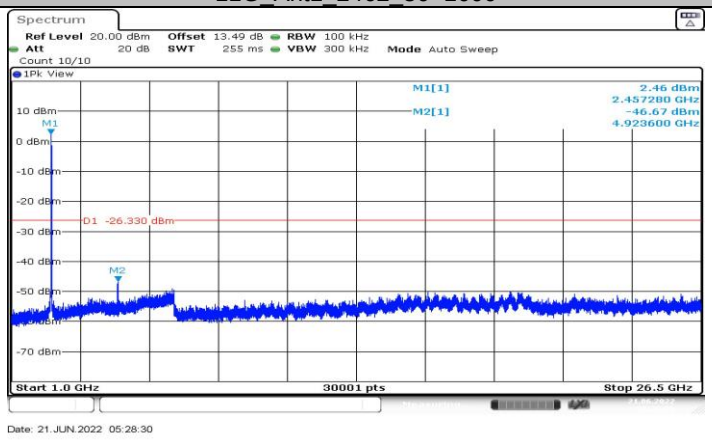

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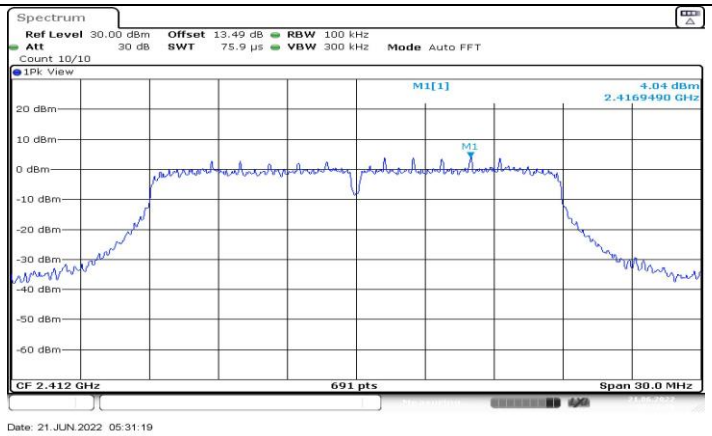

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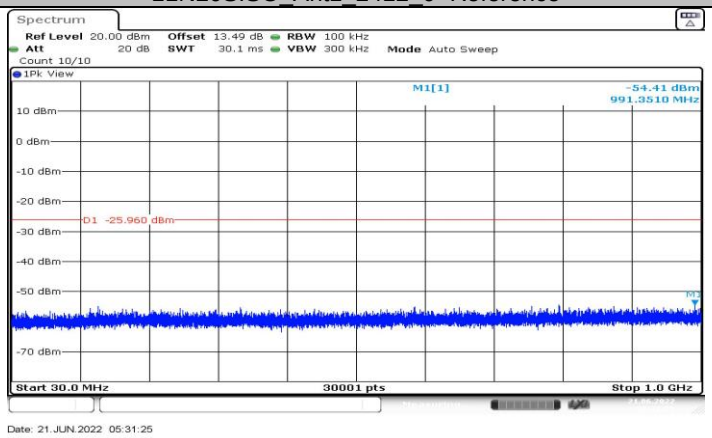

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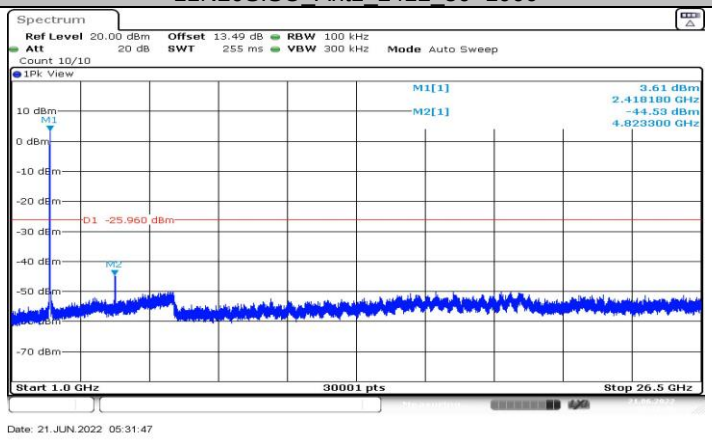

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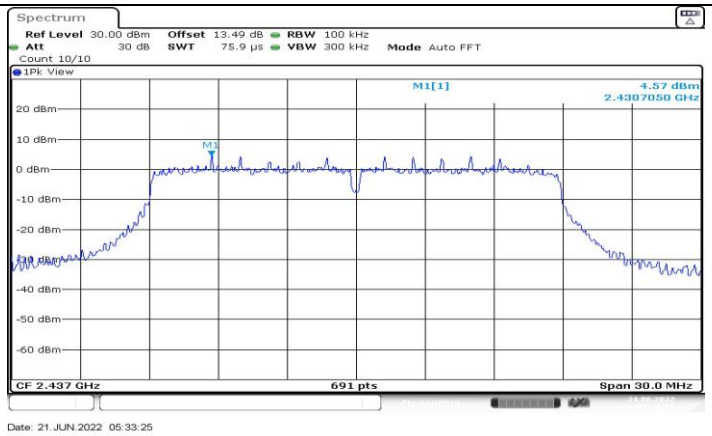

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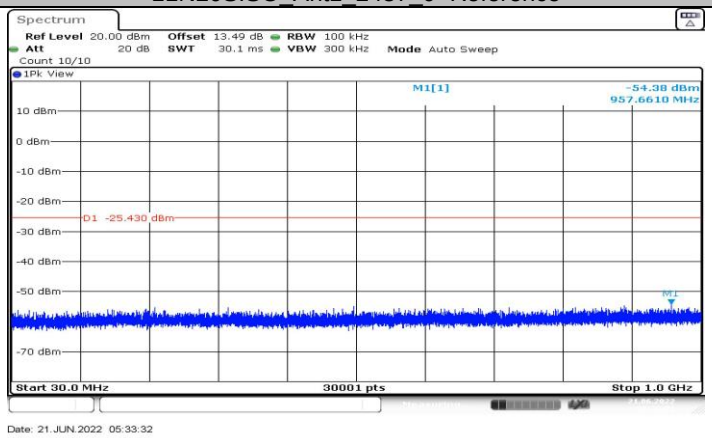

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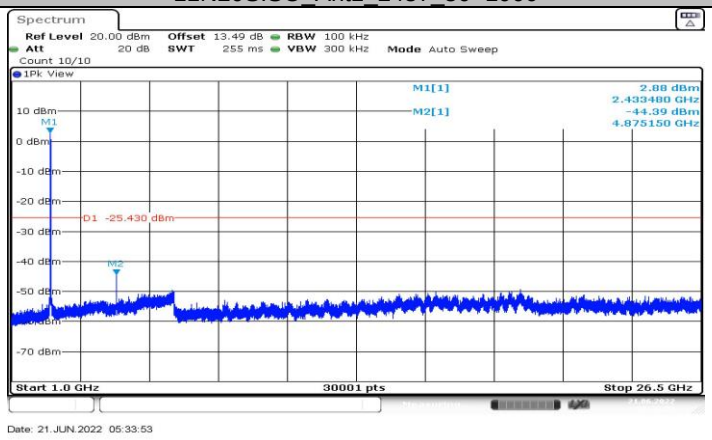
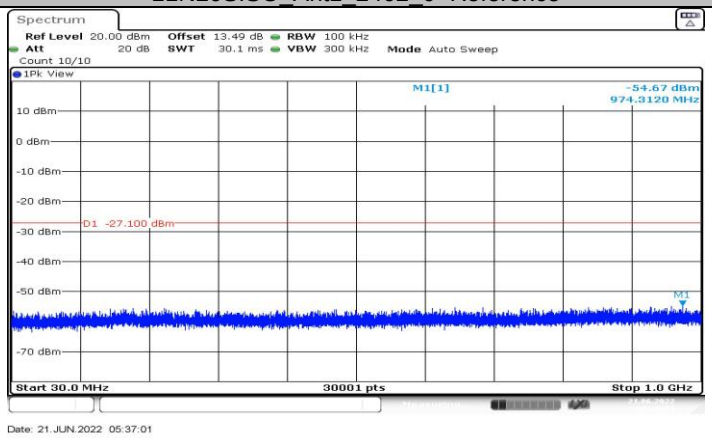


11N20SISO_Ant1_2437_1000~26500

11N20SISO_Ant1_2462_0~Reference



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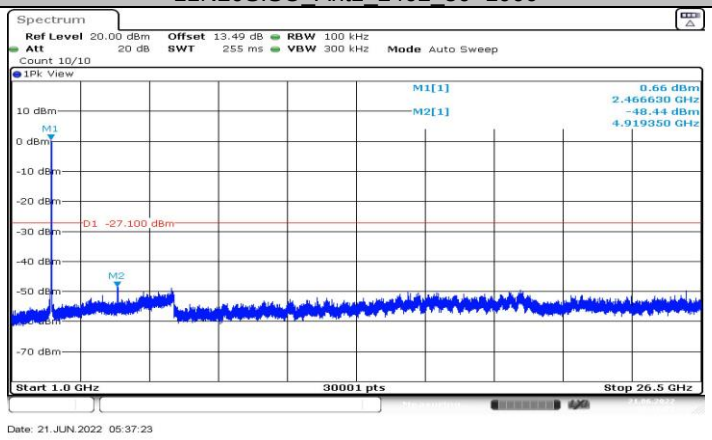
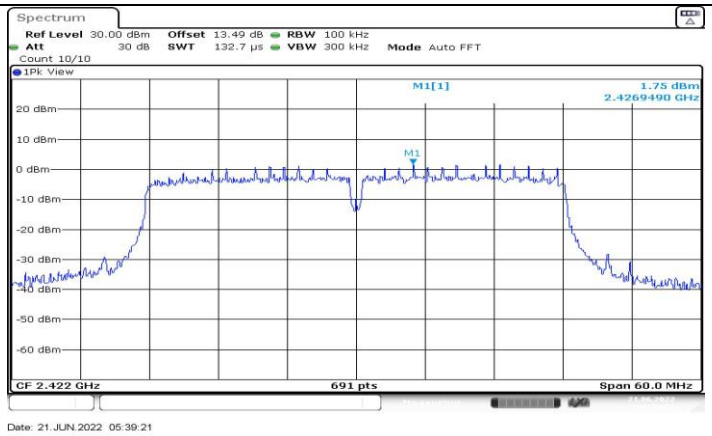
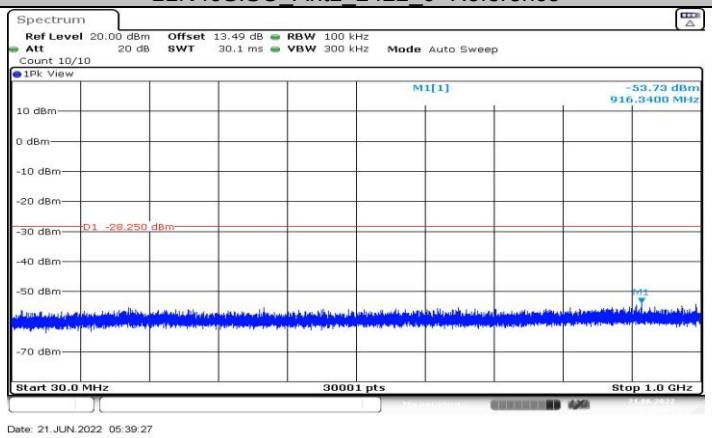


11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



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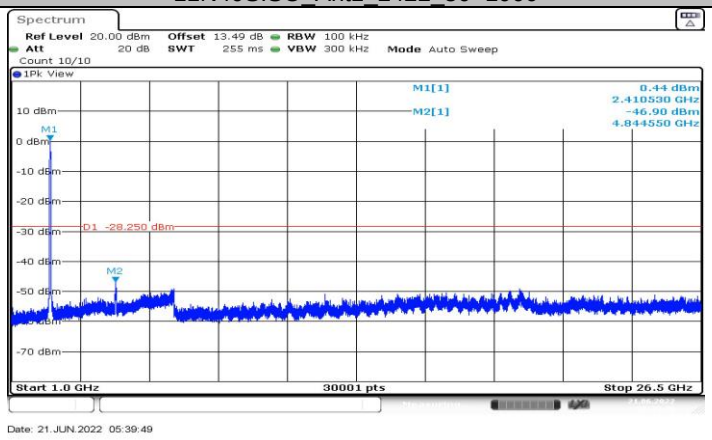

11N40SISO_Ant1_2422_1000~26500

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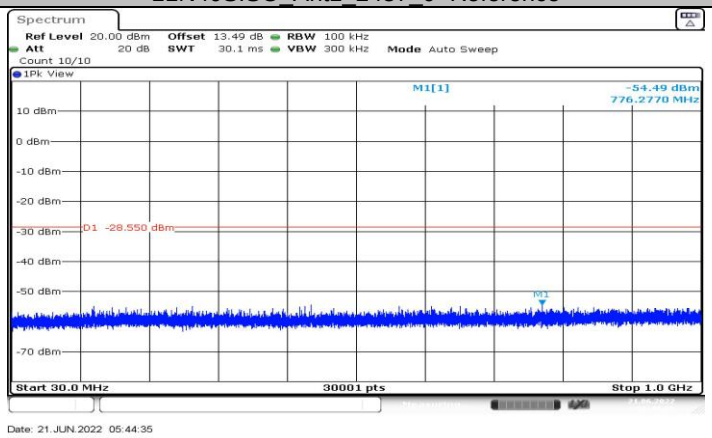
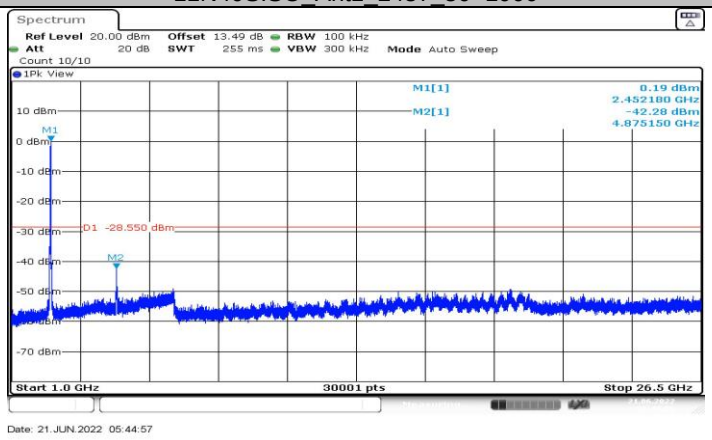
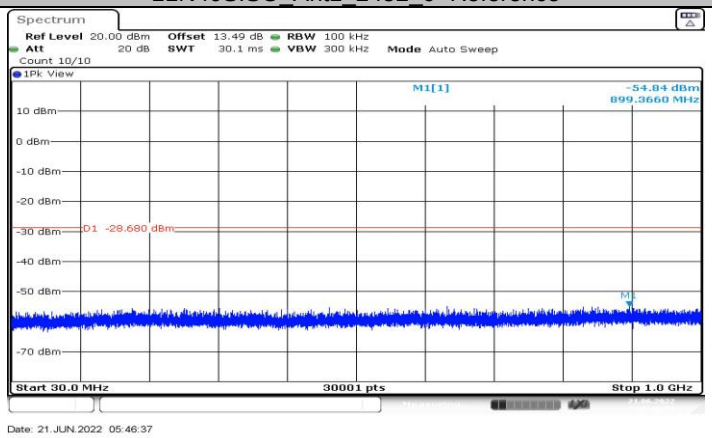


11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500

11N40SISO_Ant1_2452_0~Reference



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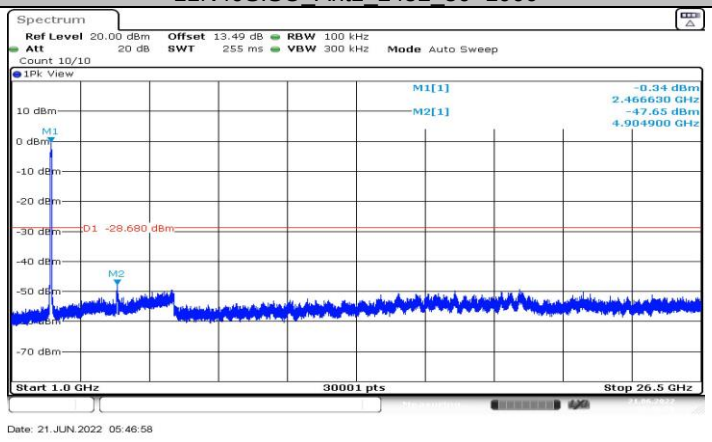


11N40SISO_Ant1_2452_1000~26500

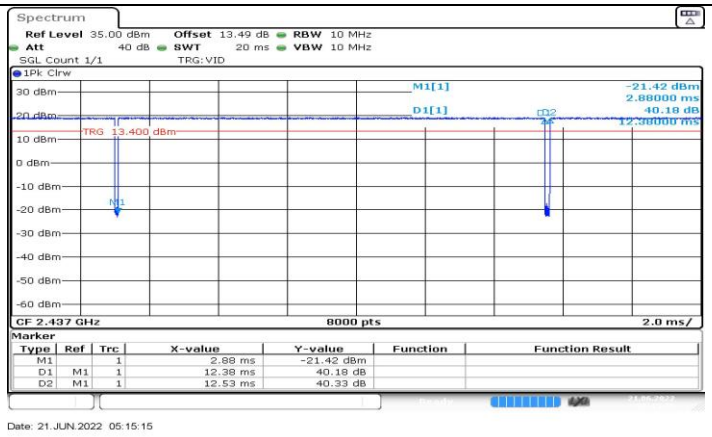
11.7. Appendix G: Duty Cycle

11.7.1. Test Result

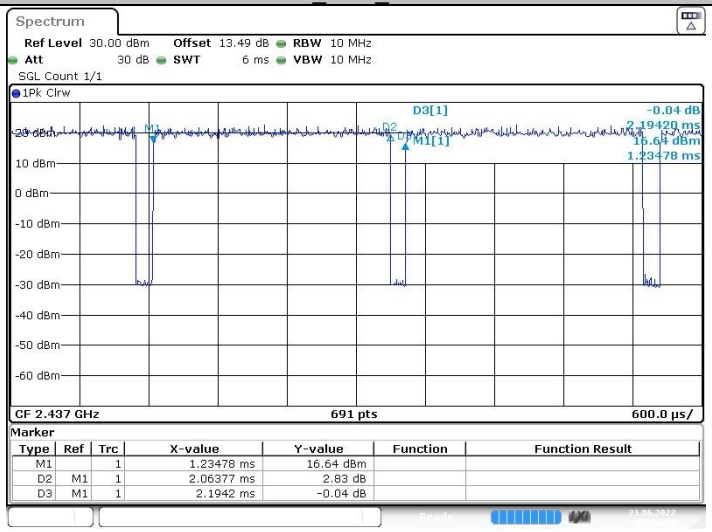
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	12.38	12.53	0.9880	98.80	0.05	0.08	0.01
11G	2.06	2.19	0.9406	94.06	0.27	0.49	1
11N20SISO	1.92	2.04	0.9412	94.12	0.26	0.52	1
11N40SISO	0.95	1.04	0.9135	91.35	0.39	1.05	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 Duty Cycle is granter than or equal to 98%, the VBW should be set to 10 Hz.

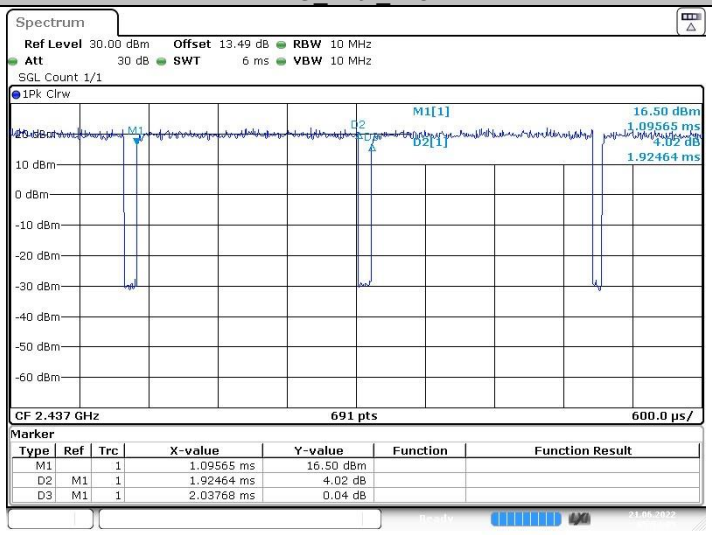
11.7.2. Test Graphs



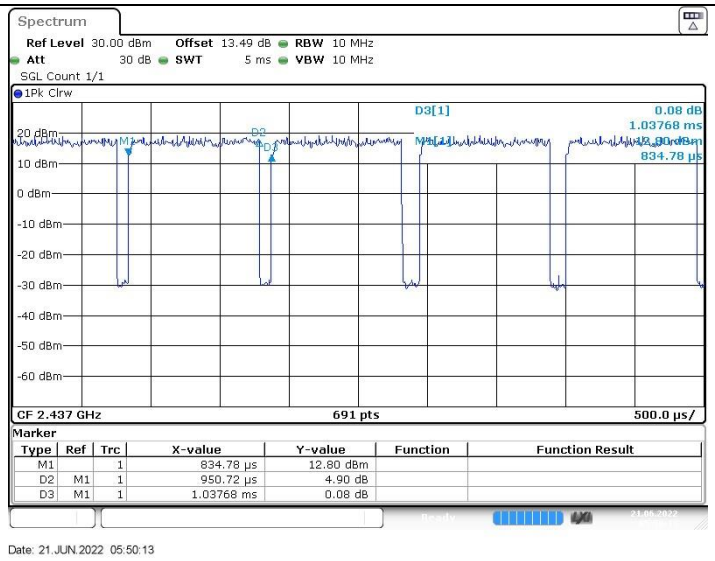
11B_Ant1_2437



11G_Ant1_2437



11N20SISO_Ant1_2437



11N40SISO_Ant1_2437

END OF REPORT