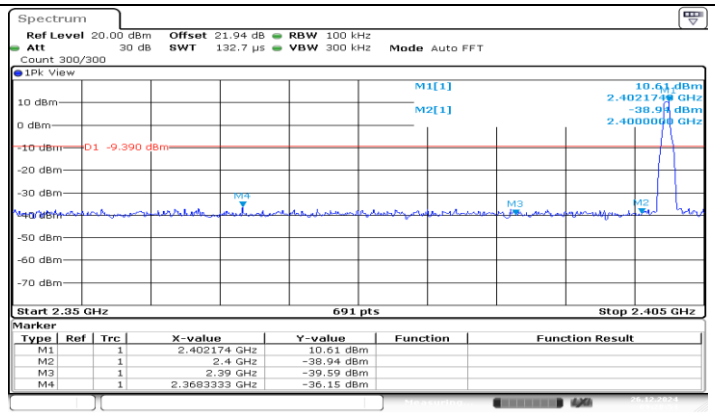
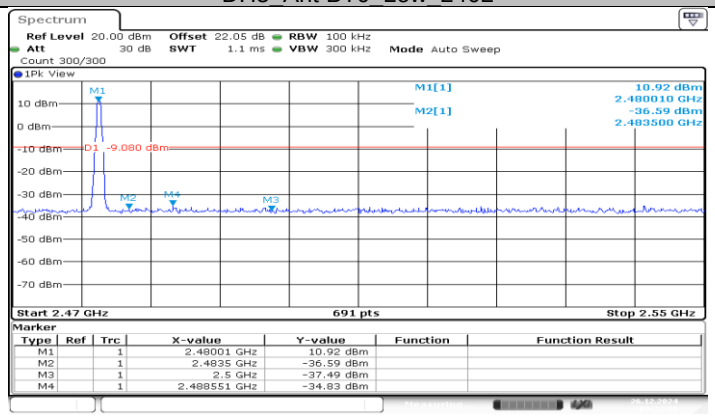
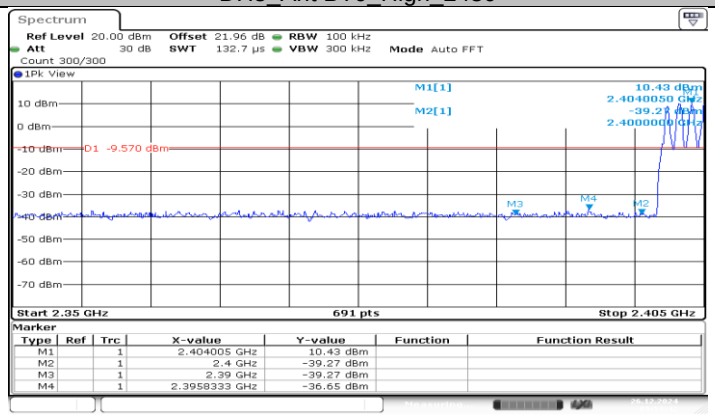
11.7.2. Test Graphs



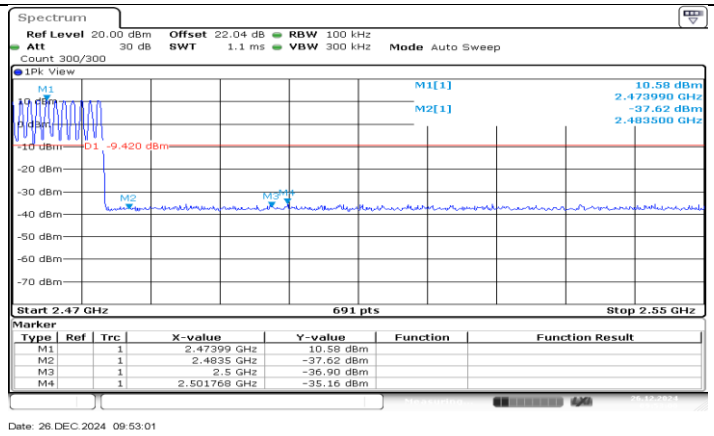
DH5_Ant BT0_Low_2402



DH5_Ant BT0_High_2480



DH5_Ant BT0_Low_Hop_2402



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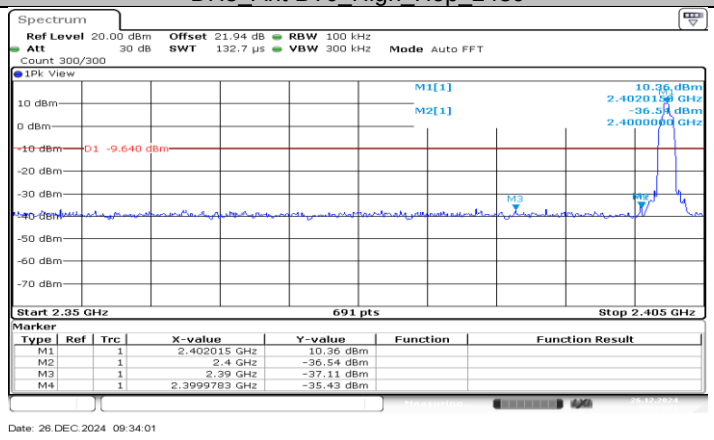

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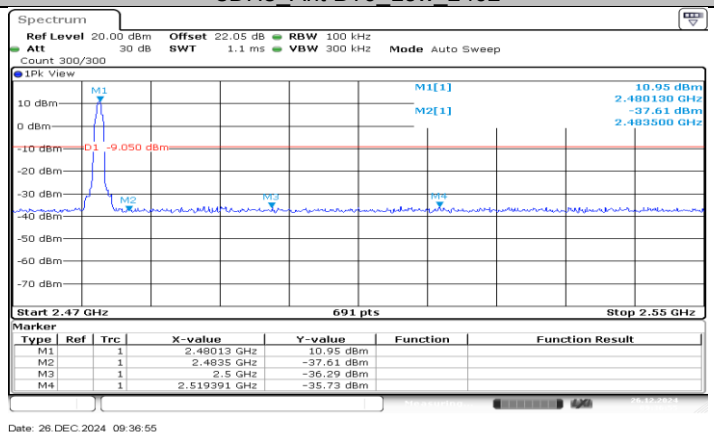

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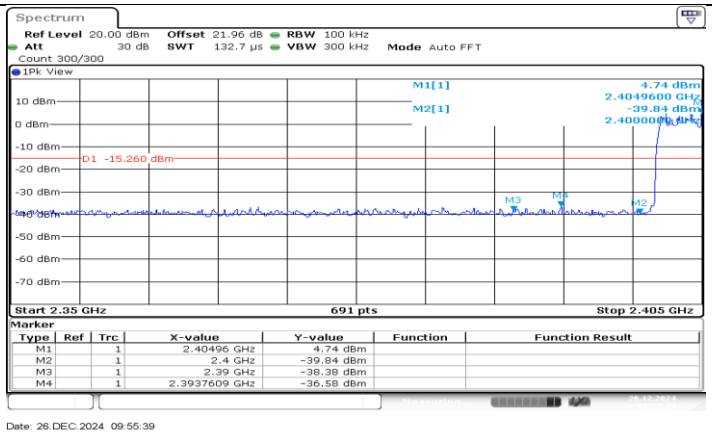

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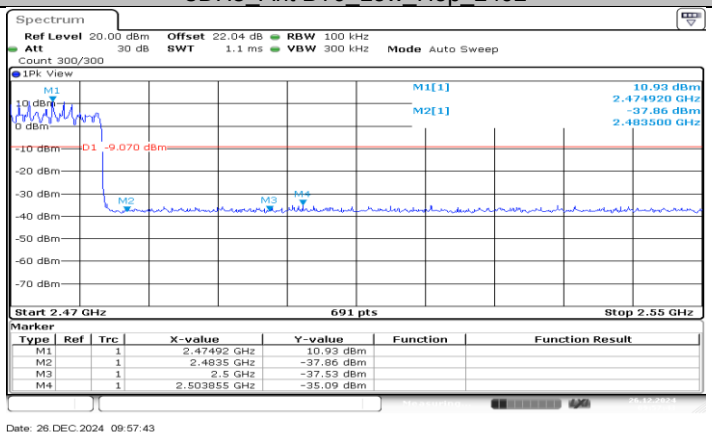

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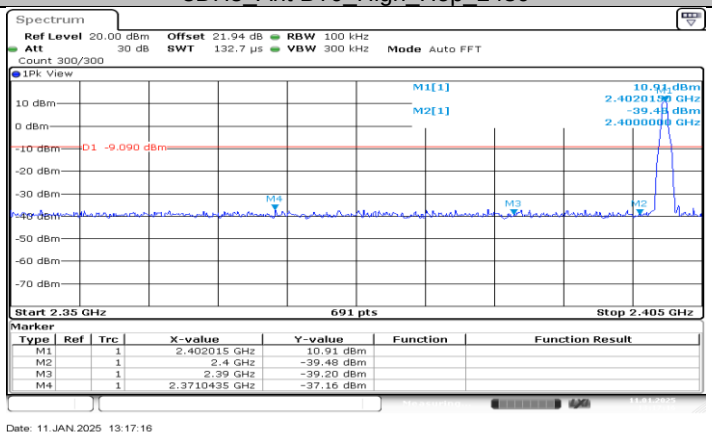

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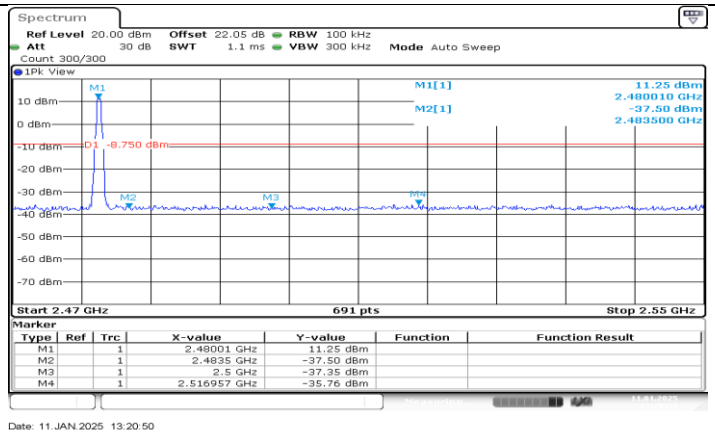

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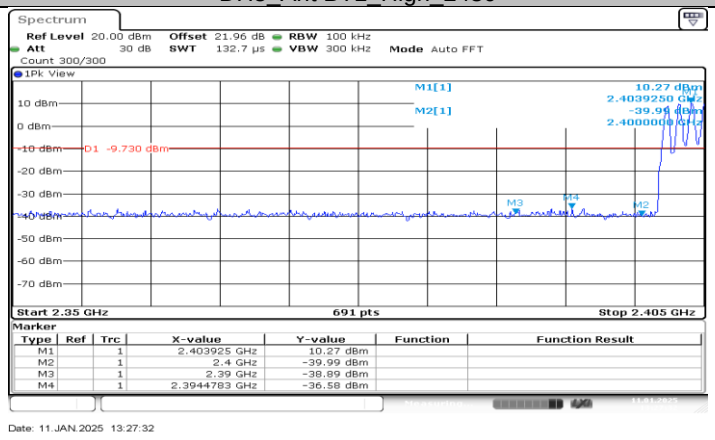

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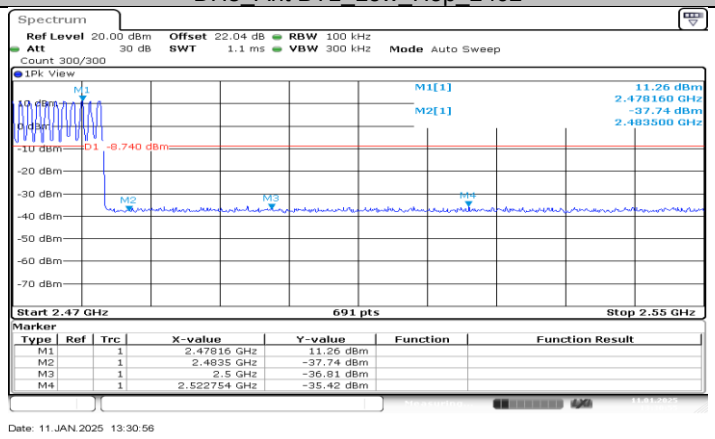

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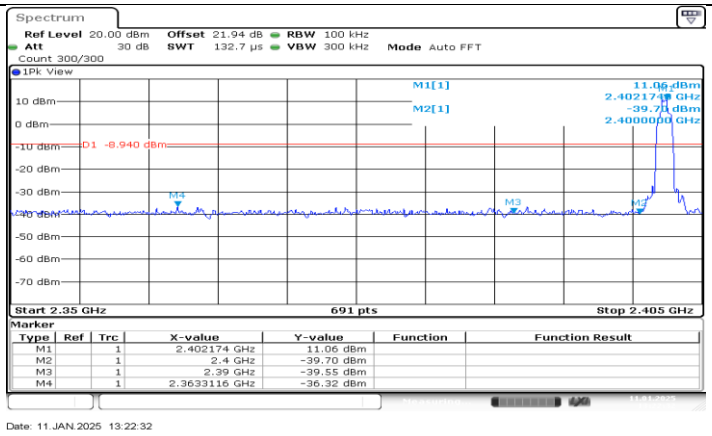

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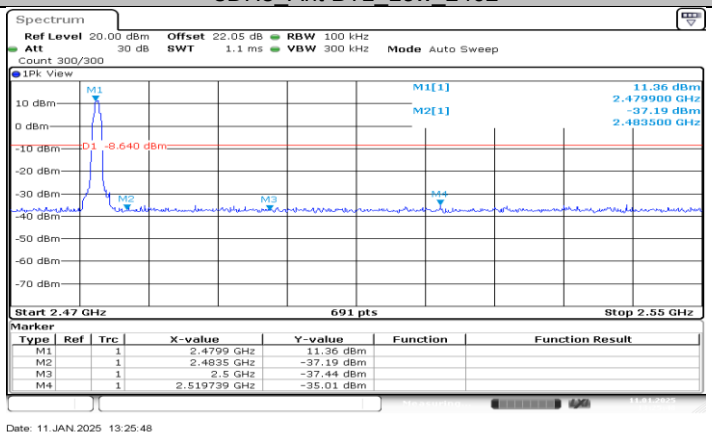

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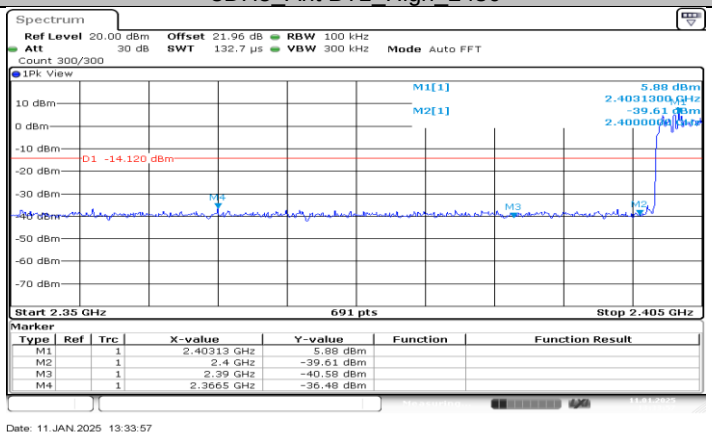
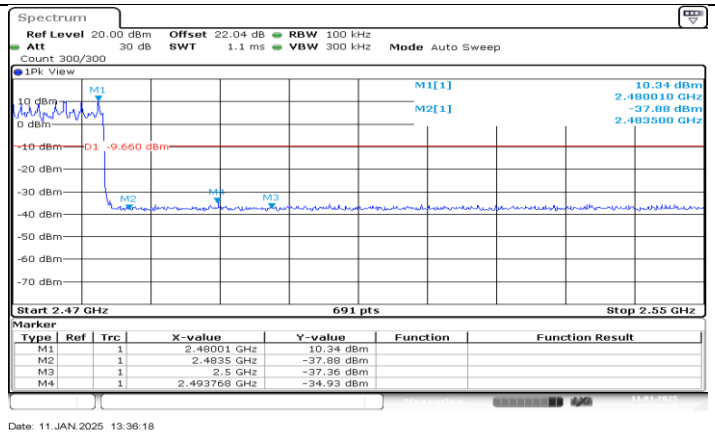


3DH5_Ant BT1_Low_Hop_2402



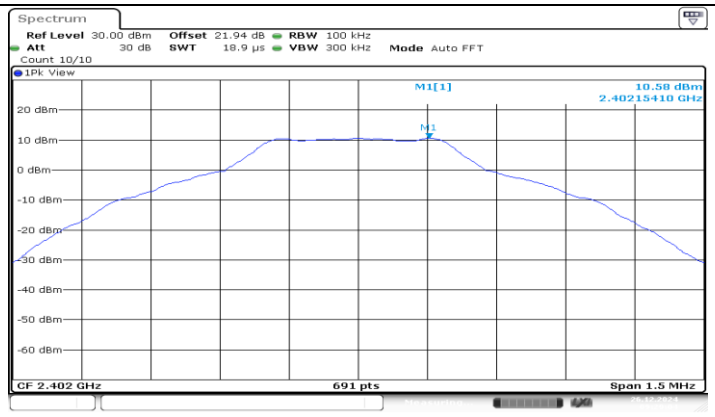
3DH5_Ant BT1_High_Hop_2480

11.8. APPENDIX H: CONDUCTED SPURIOUS EMISSION

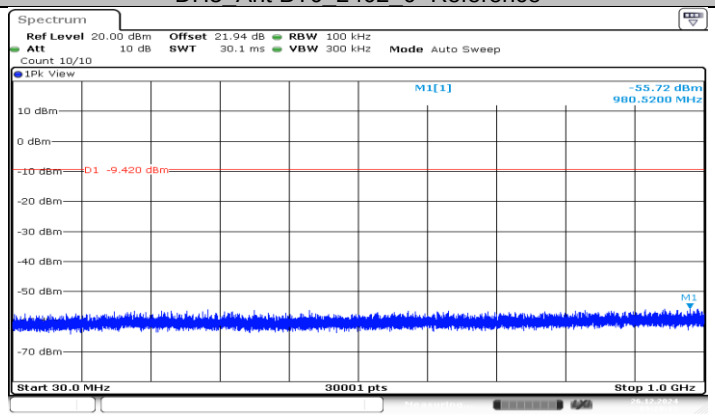
11.8.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant BT0	2402	Reference	10.58	---	PASS
			30~1000	-55.72	≤-9.42	PASS
			1000~26500	-41.05	≤-9.42	PASS
		2441	Reference	10.75	---	PASS
			30~1000	-55.39	≤-9.25	PASS
			1000~26500	-42.09	≤-9.25	PASS
		2480	Reference	10.95	---	PASS
			30~1000	-55.74	≤-9.05	PASS
			1000~26500	-42.5	≤-9.05	PASS
3DH5	Ant BT0	2402	Reference	10.74	---	PASS
			30~1000	-55.27	≤-9.26	PASS
			1000~26500	-46.73	≤-9.26	PASS
		2441	Reference	10.93	---	PASS
			30~1000	-55.46	≤-9.07	PASS
			1000~26500	-48.08	≤-9.07	PASS
		2480	Reference	11.10	---	PASS
			30~1000	-55.24	≤-8.9	PASS
			1000~26500	-45.26	≤-8.9	PASS
DH5	Ant BT1	2402	Reference	10.96	---	PASS
			30~1000	-55.56	≤-9.04	PASS
			1000~26500	-41	≤-9.04	PASS
		2441	Reference	11.23	---	PASS
			30~1000	-55.3	≤-8.77	PASS
			1000~26500	-41.67	≤-8.77	PASS
		2480	Reference	11.26	---	PASS
			30~1000	-54.75	≤-8.74	PASS
			1000~26500	-40.01	≤-8.74	PASS
3DH5	Ant BT1	2402	Reference	11.10	---	PASS
			30~1000	-54.38	≤-8.9	PASS
			1000~26500	-46.97	≤-8.9	PASS
		2441	Reference	11.40	---	PASS
			30~1000	-55.6	≤-8.6	PASS
			1000~26500	-46.16	≤-8.6	PASS
		2480	Reference	11.45	---	PASS
			30~1000	-55.21	≤-8.55	PASS
			1000~26500	-38.83	≤-8.55	PASS

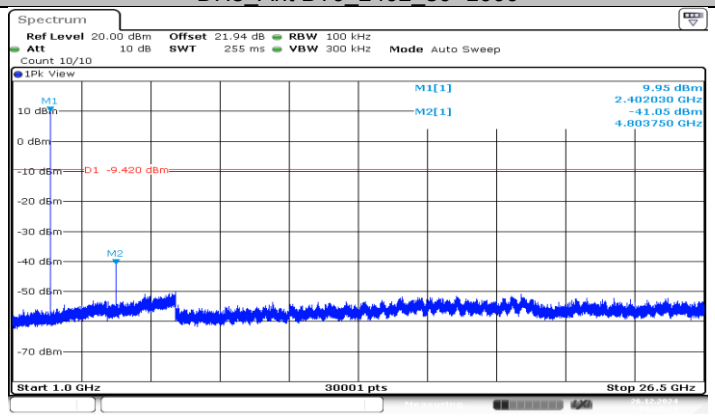
11.8.2. Test Graphs



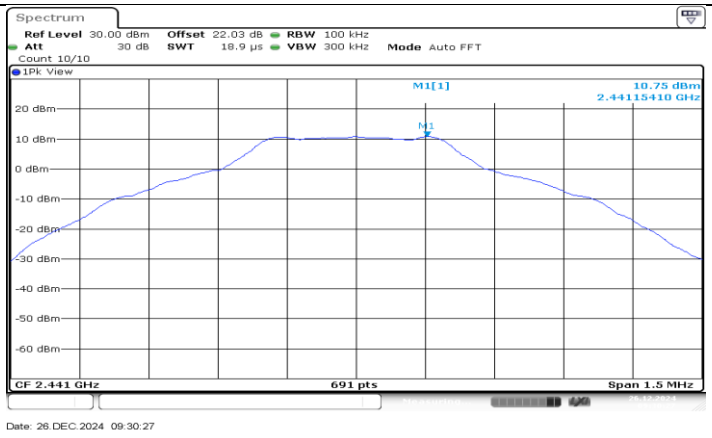
DH5_Ant BT0_2402_0~Reference



DH5_Ant BT0_2402_30~1000



DH5_Ant BT0_2402_1000~26500



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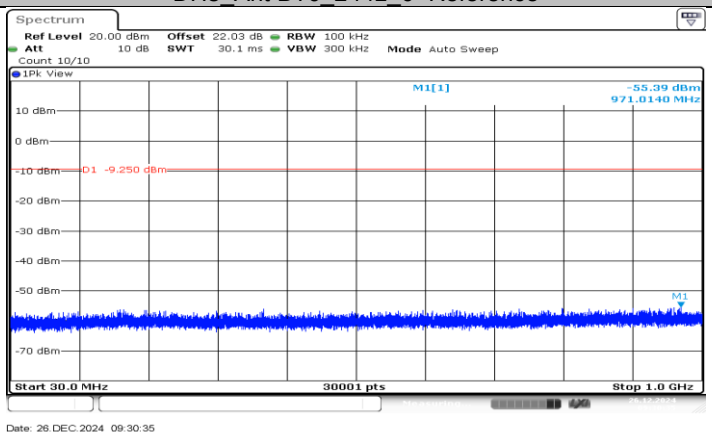

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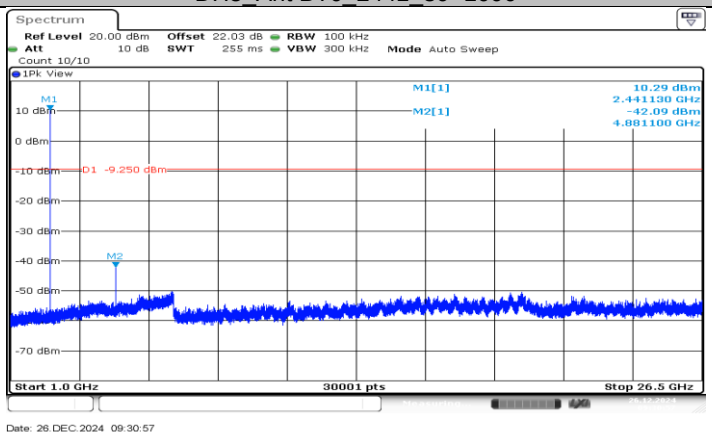
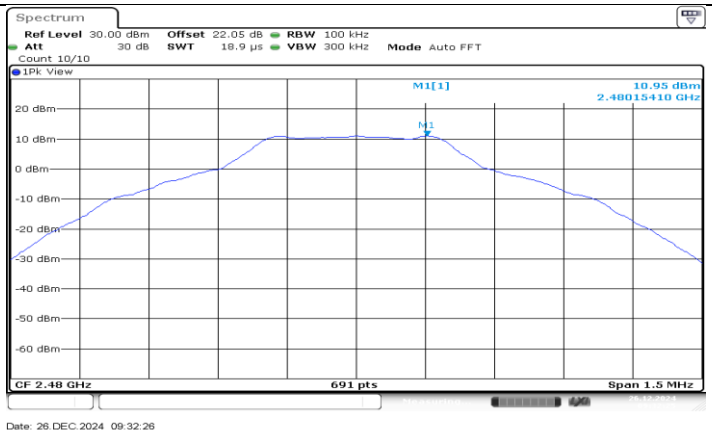


DH5_Ant BT0_2441_1000~26500



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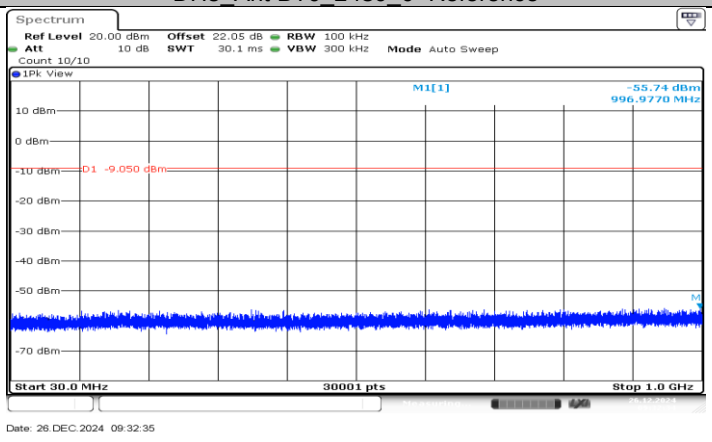

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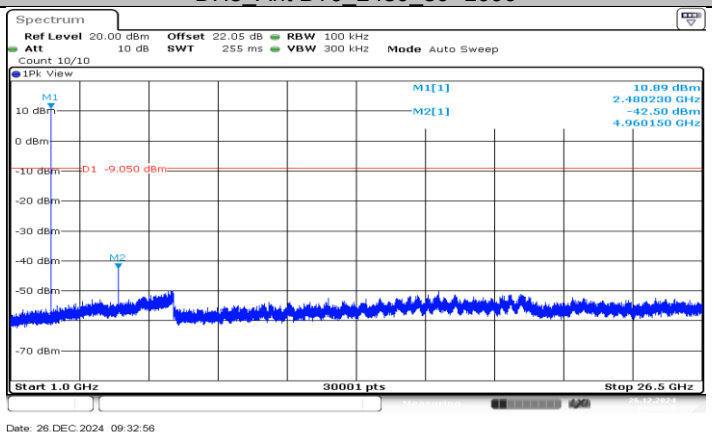

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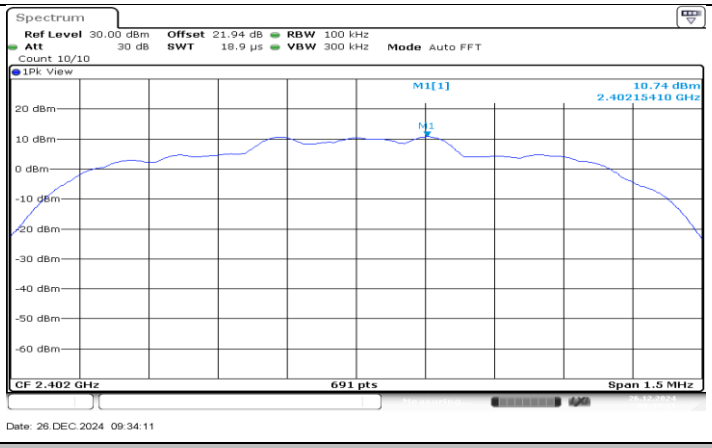

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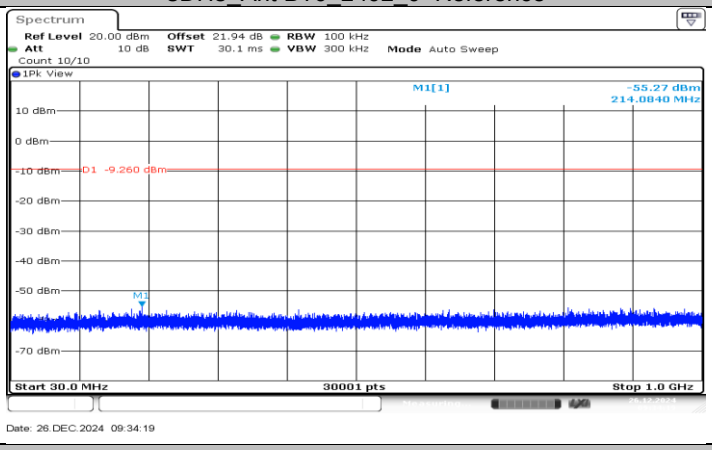

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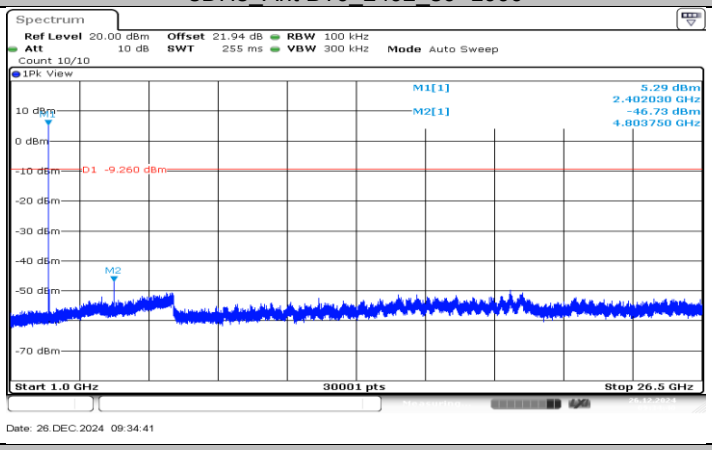

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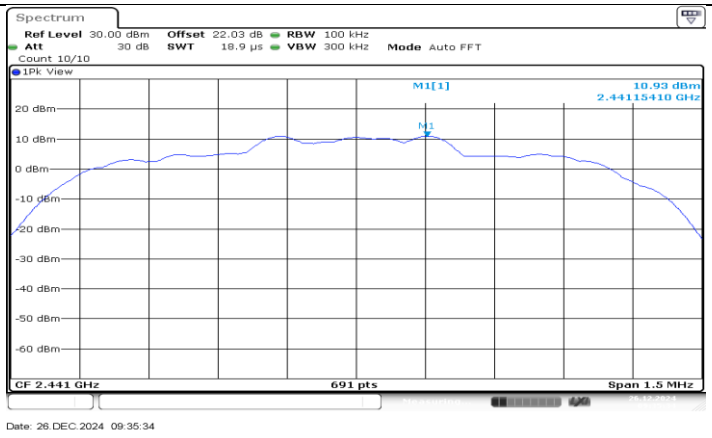

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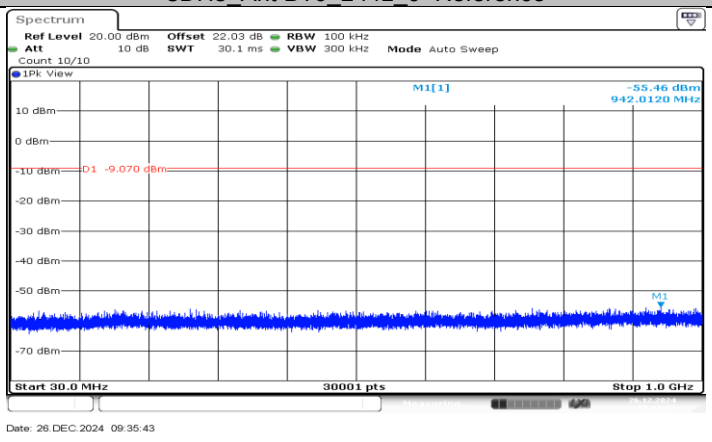

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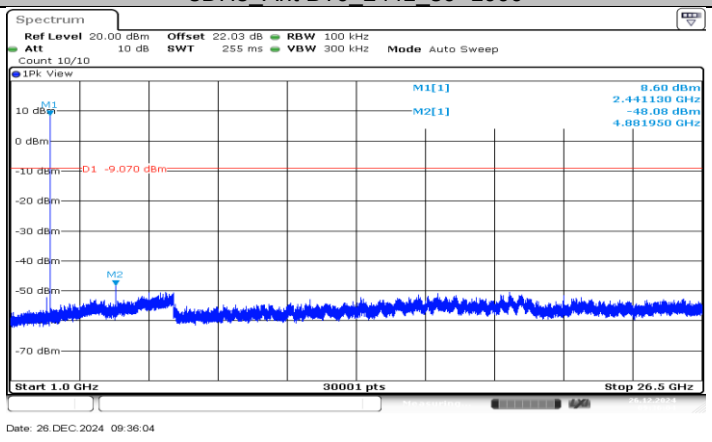

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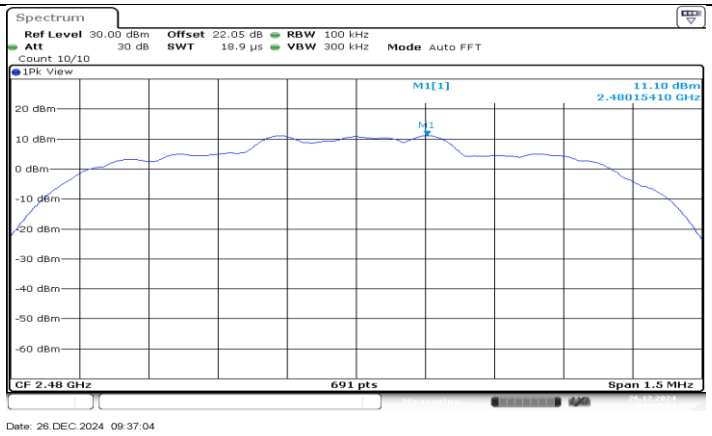

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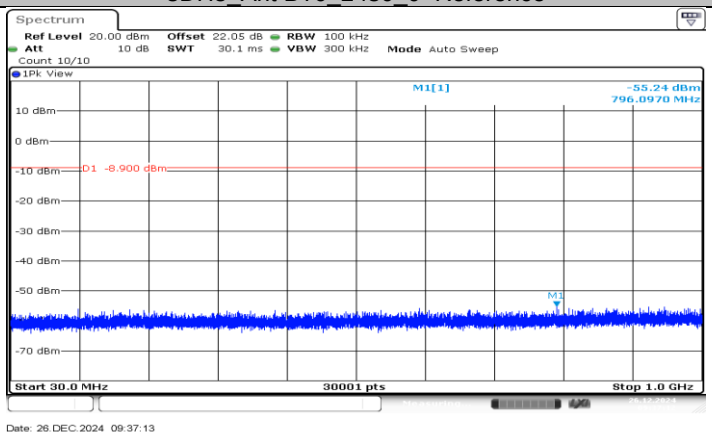

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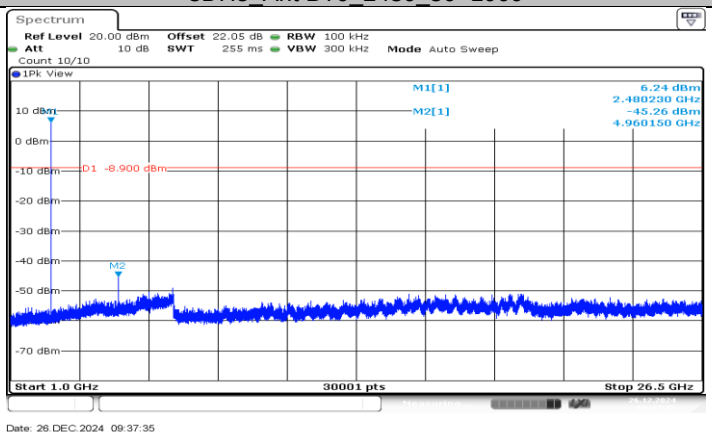

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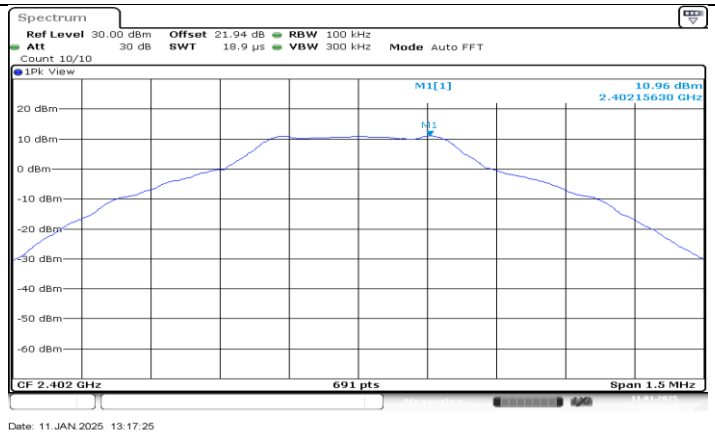

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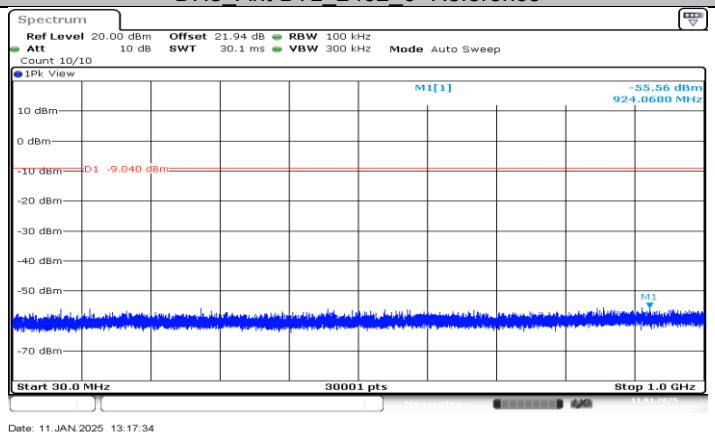

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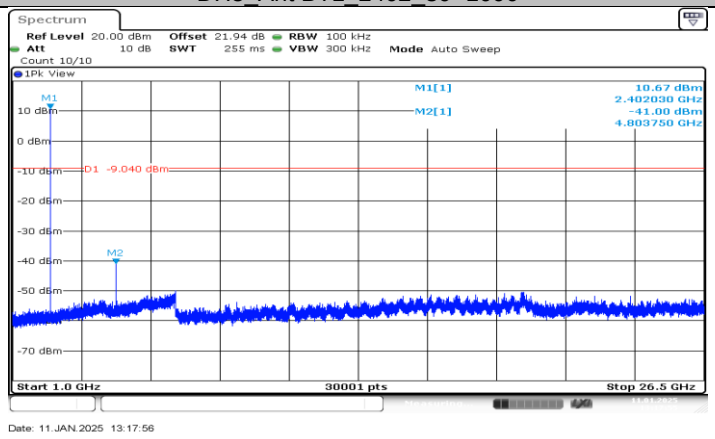

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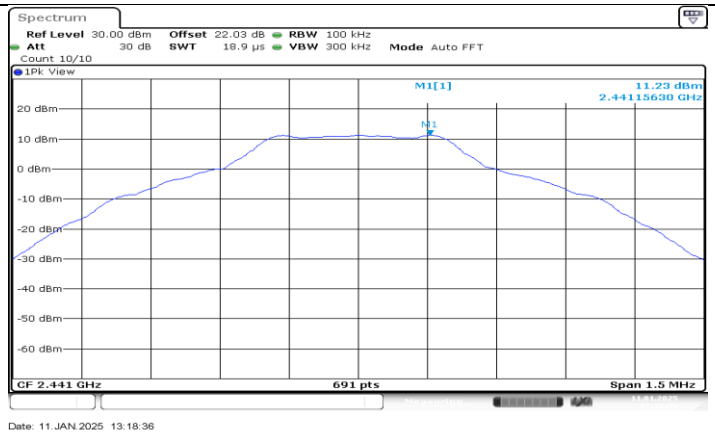

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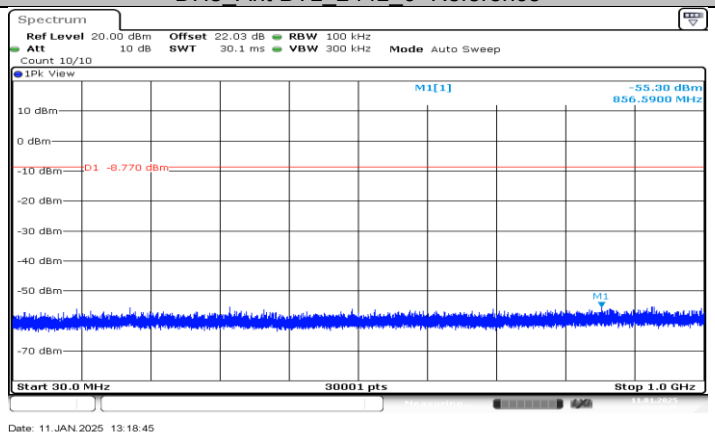

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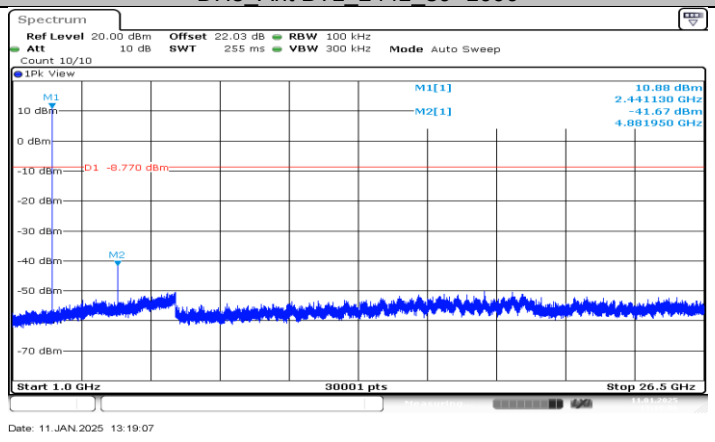

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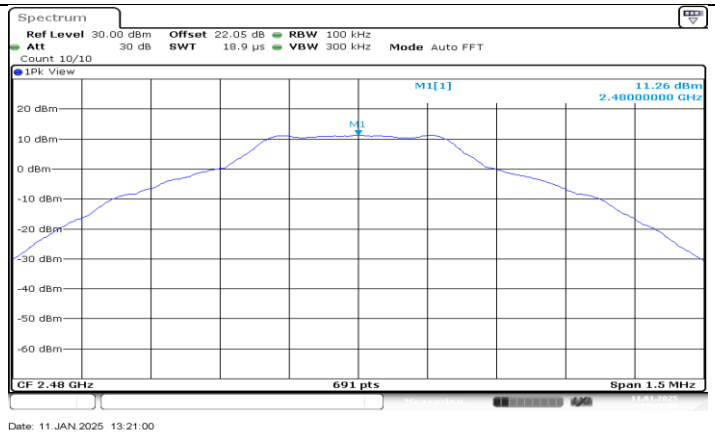

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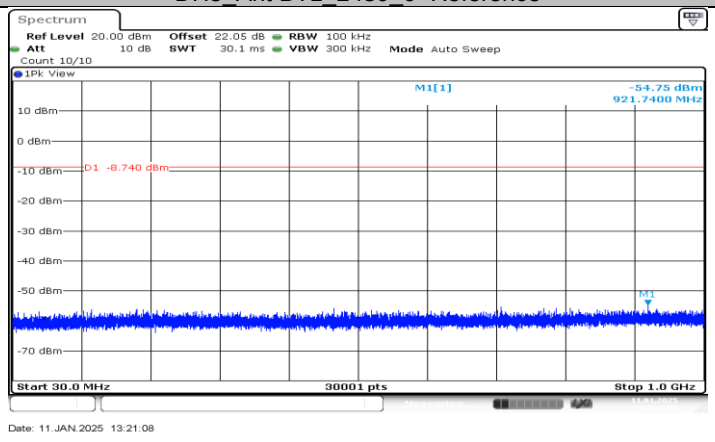

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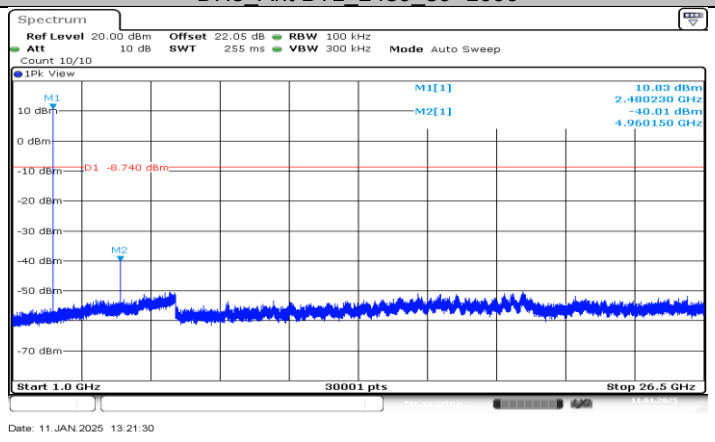
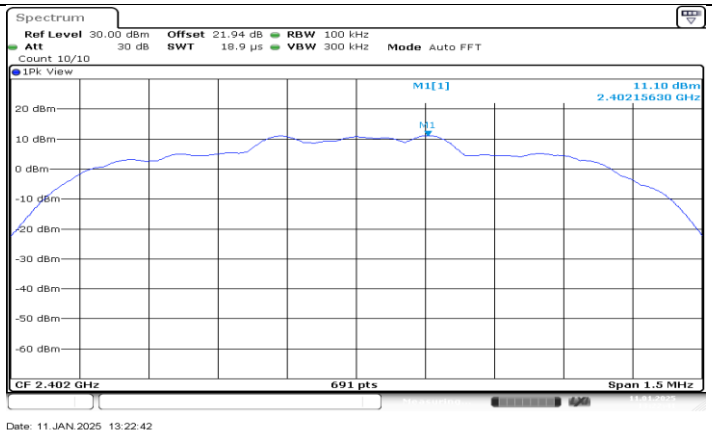


DH5_Ant BT1_2480_1000~26500



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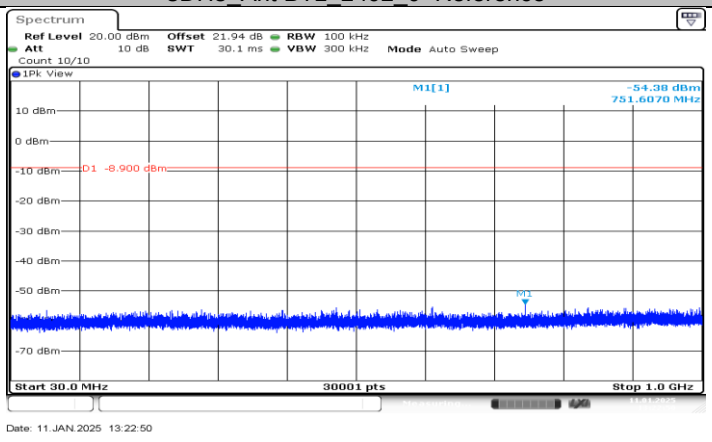

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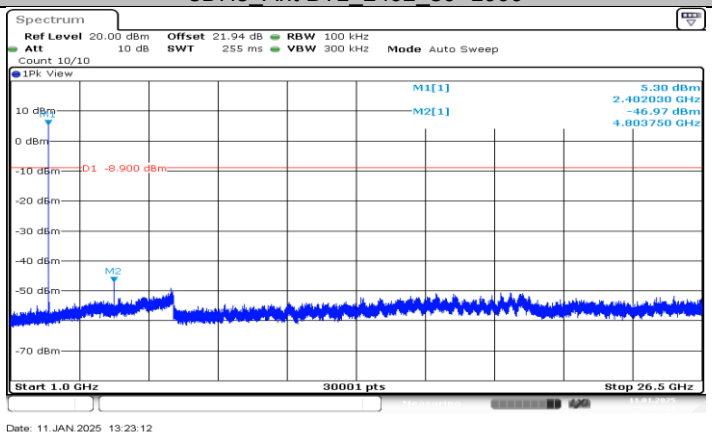

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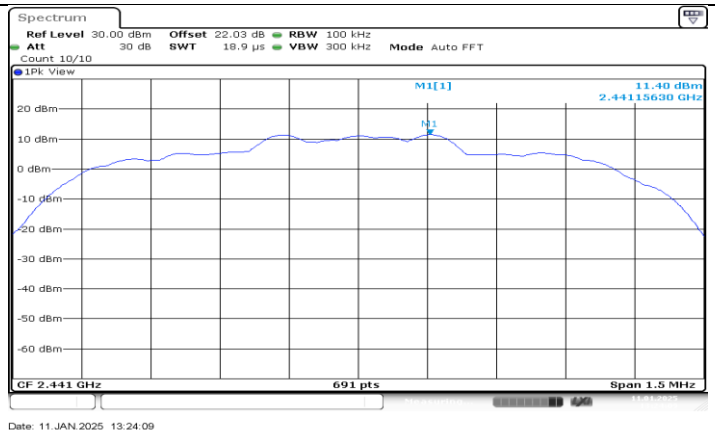

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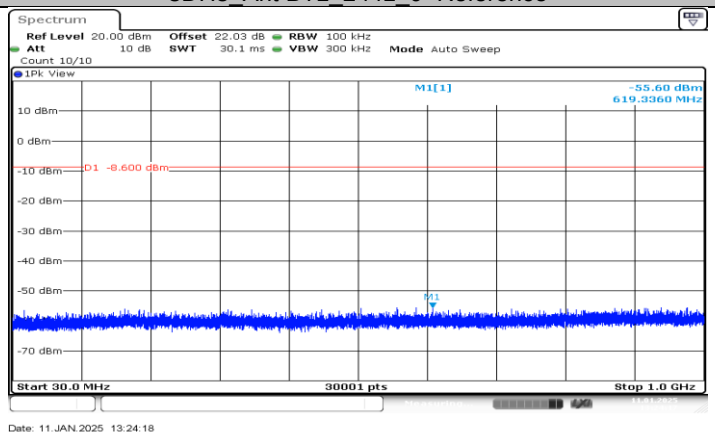

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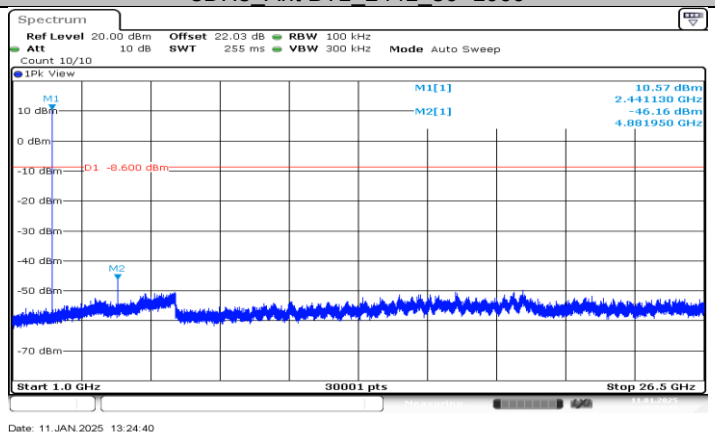

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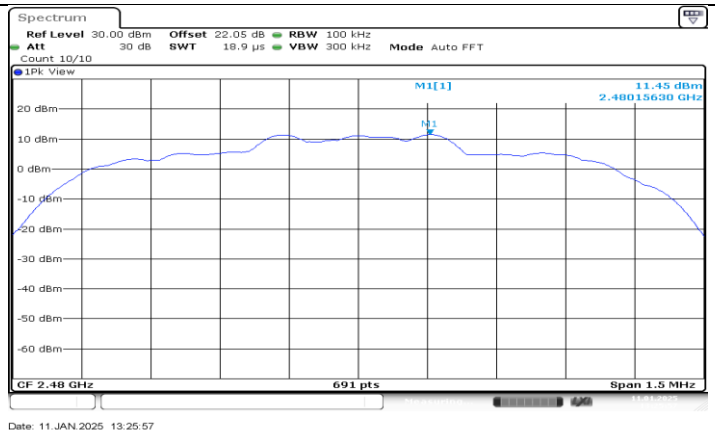

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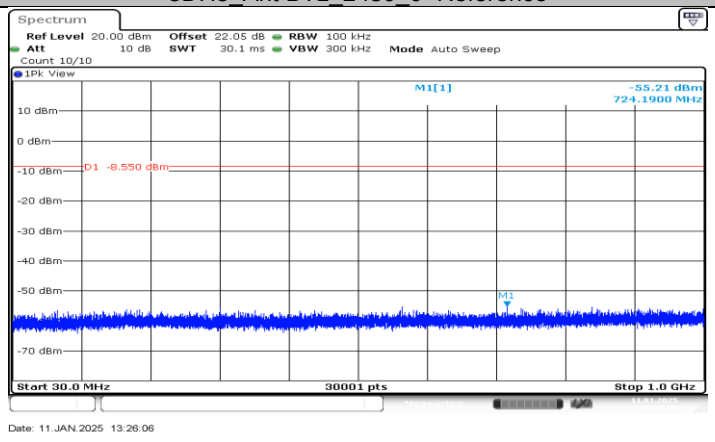
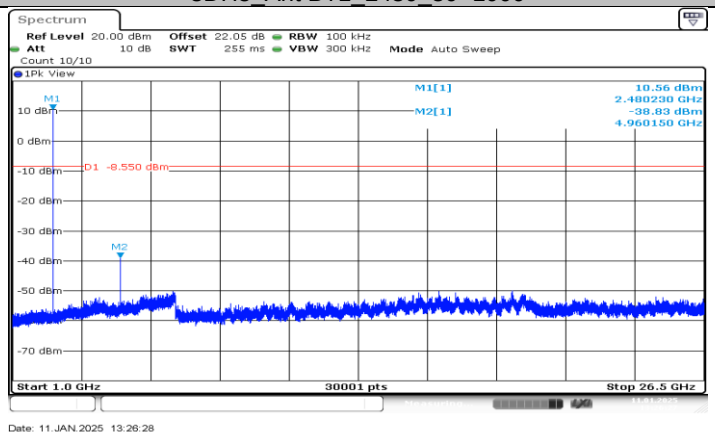


3DH5_Ant BT1_2480_30~1000



3DH5_Ant BT1_2480_1000~26500

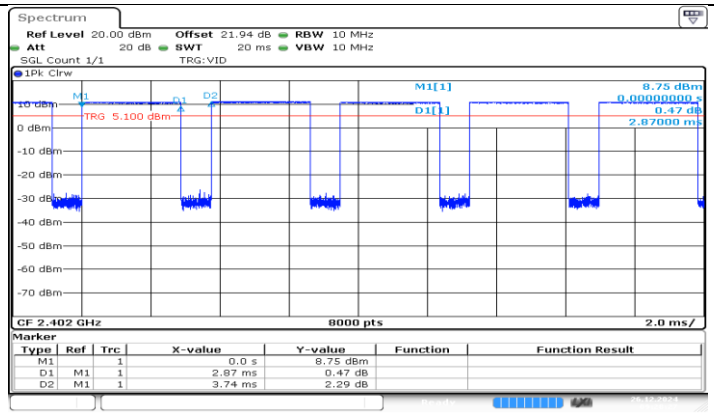
11.9. APPENDIX I: DUTY CYCLE

11.9.1. Test Result

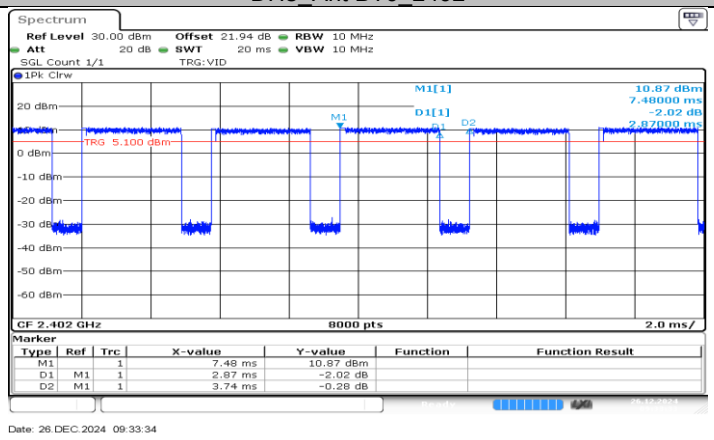
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
DH5	2.87	3.74	0.7674	76.74	1.15	0.35	1
3DH5	2.87	3.74	0.7674	76.74	1.15	0.35	1

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.

11.9.2. Test Graphs



DH5_Ant BT0_2402



3DH5_Ant BT0_2402

END OF REPORT