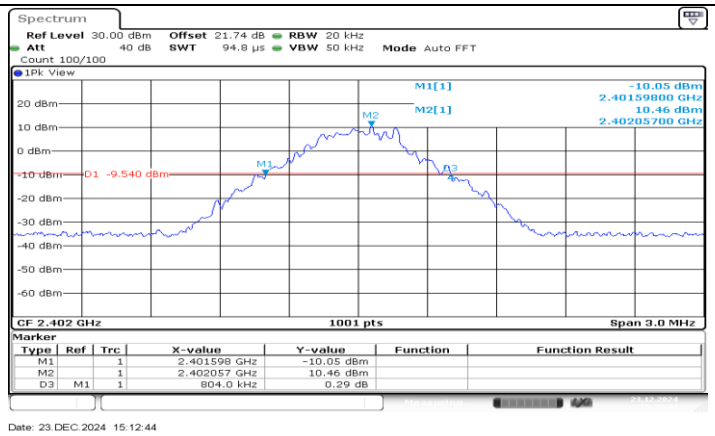
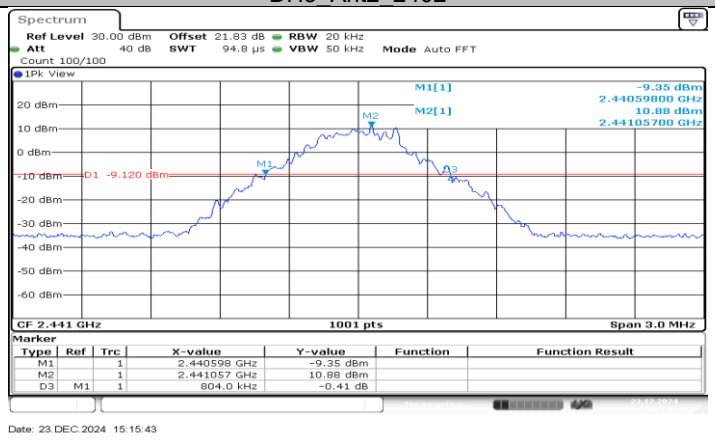
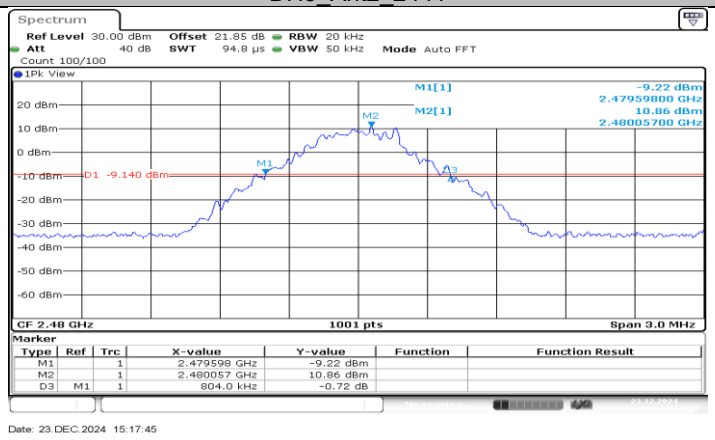
12.1.2. Test Graphs



DH5_Ant2_2402



DH5_Ant2_2441



DH5_Ant2_2480

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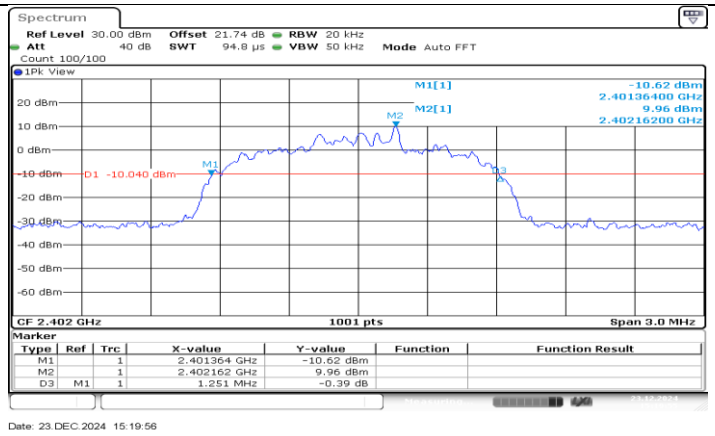
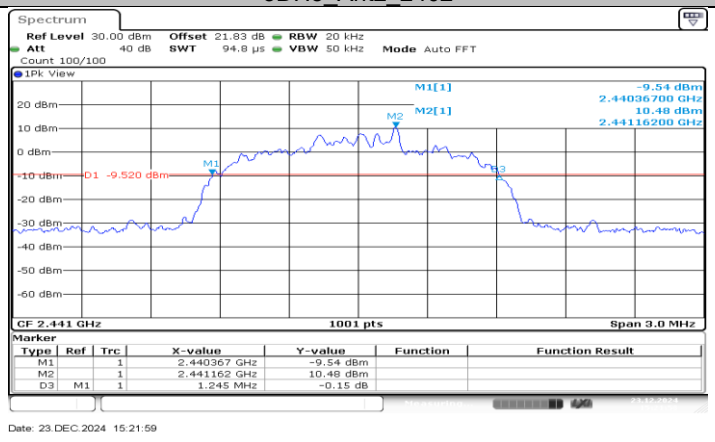
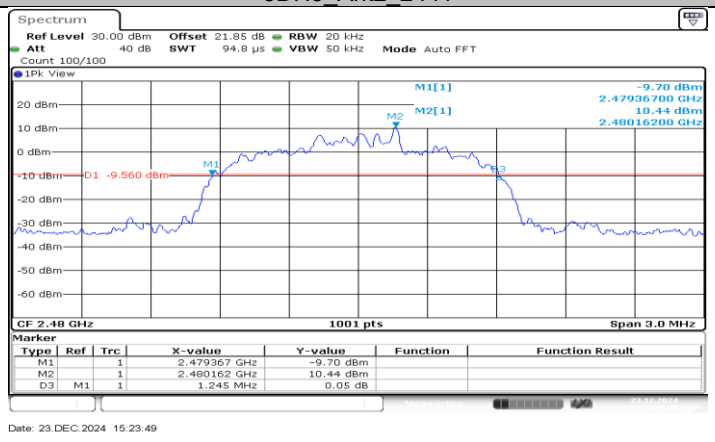


3DH5_Ant2_2402



3DH5_Ant2_2441



3DH5_Ant2_2480

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12.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

12.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant2	2402	0.758	2401.6224	2402.3806	PASS
		2441	0.758	2440.6224	2441.3806	PASS
		2480	0.758	2479.6224	2480.3806	PASS
3DH5	Ant2	2402	1.157	2401.4216	2402.5784	PASS
		2441	1.154	2440.4216	2441.5754	PASS
		2480	1.148	2479.4246	2480.5724	PASS

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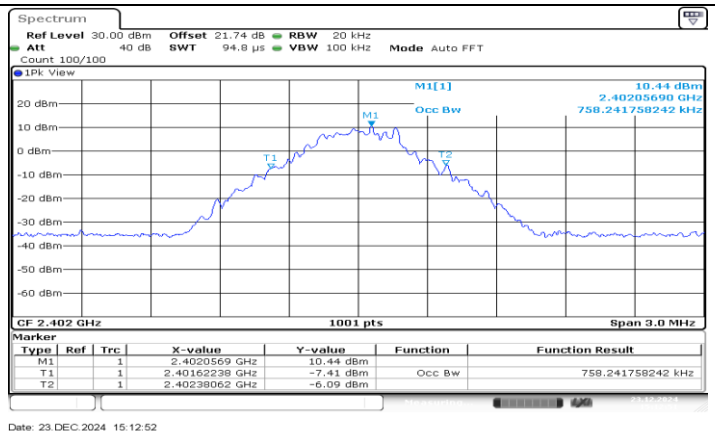
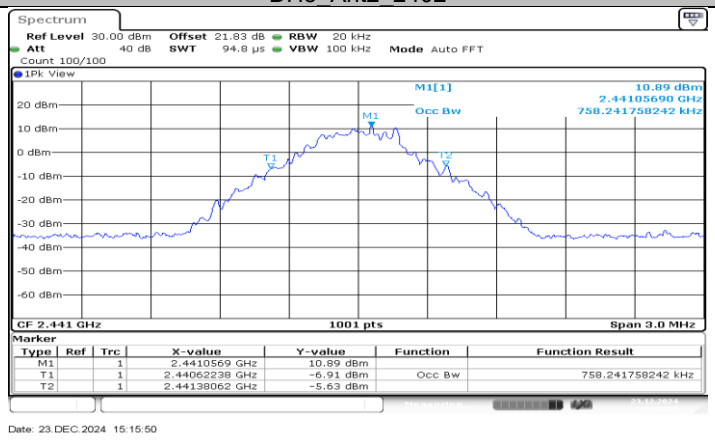
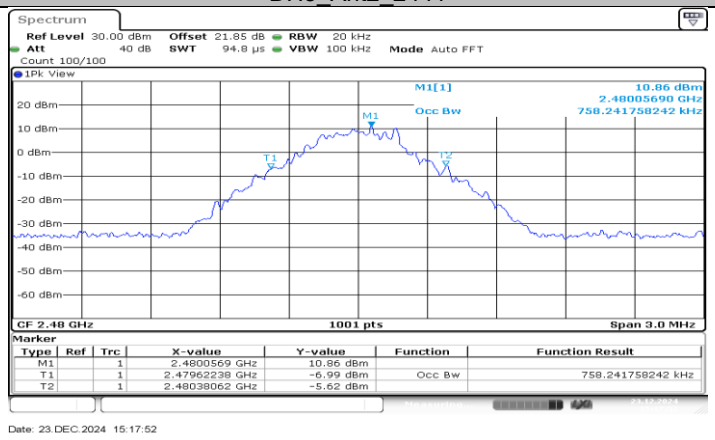
12.2.2. Test Graphs



DH5_Ant2_2402



DH5_Ant2_2441



DH5_Ant2_2480

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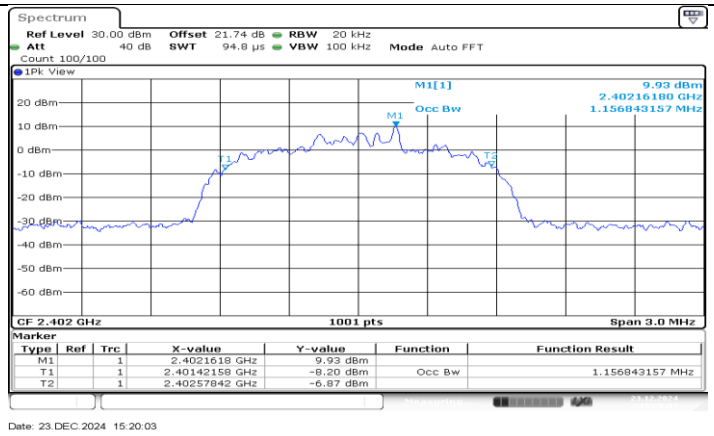
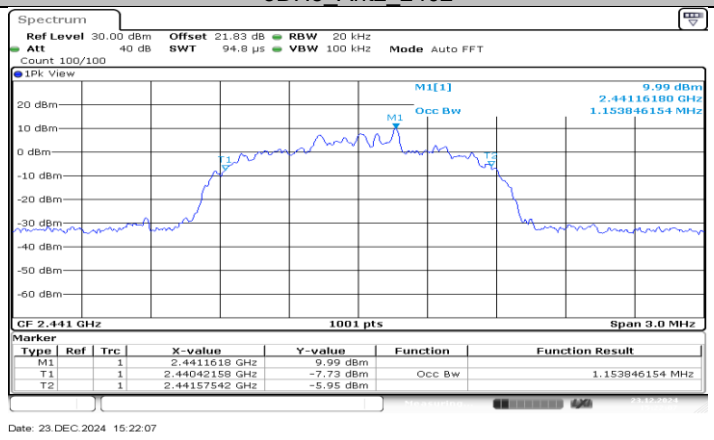
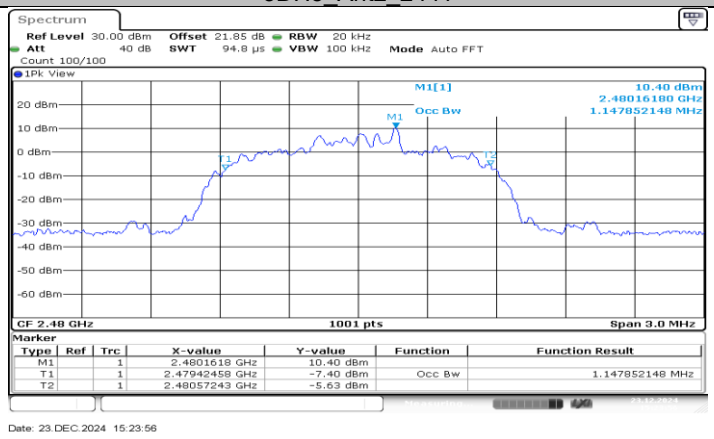


3DH5_Ant2_2402



3DH5_Ant2_2441



3DH5_Ant2_2480

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12.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

12.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant2	2402	14.17	≤20.97	PASS
		2441	14.62	≤20.97	PASS
		2480	14.61	≤20.97	PASS
3DH5	Ant2	2402	14.05	≤20.97	PASS
		2441	14.58	≤20.97	PASS
		2480	14.57	≤20.97	PASS

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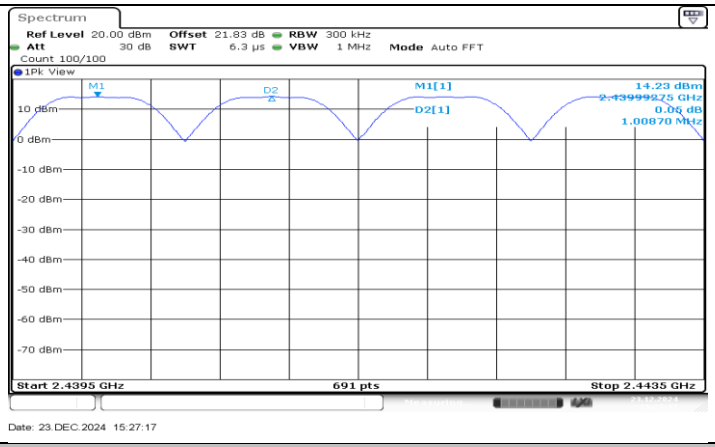
12.4. APPENDIX D: CARRIER FREQUENCY SEPARATION

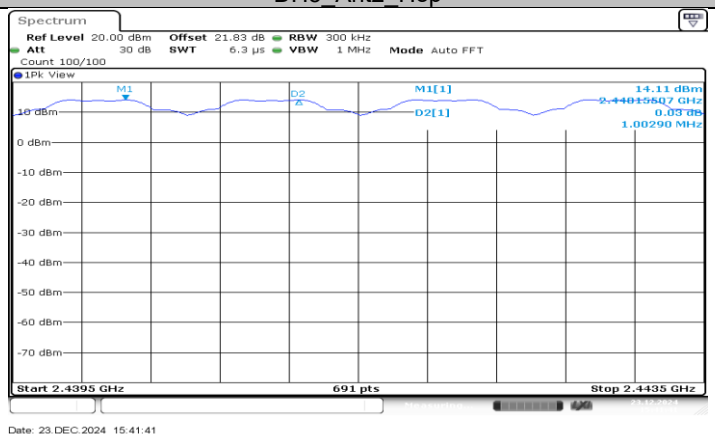
12.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant2	Hop	1.009	≥0.800	PASS
3DH5	Ant2	Hop	1.003	≥0.833	PASS

12.4.2. Test Graphs



DH5_Ant2_Hop



3DH5_Ant2_Hop

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12.5. APPENDIX E: TIME OF OCCUPANCY

12.5.1. Test Result

FHSS Mode						
Test Mode	Antenna	Channel	BurstWidth [ms]	Result[s]	Limit[s]	Verdict
DH1	Ant2	Hop	0.369	0.118	≤0.4	PASS
DH3	Ant2	Hop	1.618	0.259	≤0.4	PASS
DH5	Ant2	Hop	2.857	0.305	≤0.4	PASS
3DH1	Ant2	Hop	0.378	0.121	≤0.4	PASS
3DH3	Ant2	Hop	1.62	0.259	≤0.4	PASS
3DH5	Ant2	Hop	2.864	0.305	≤0.4	PASS

AFHSS Mode						
Test Mode	Antenna	Channel	BurstWidth [ms]	Result[s]	Limit[s]	Verdict
DH1	Ant2	Hop	0.369	0.059	≤0.4	PASS
DH3	Ant2	Hop	1.618	0.129	≤0.4	PASS
DH5	Ant2	Hop	2.857	0.152	≤0.4	PASS
3DH1	Ant2	Hop	0.378	0.060	≤0.4	PASS
3DH3	Ant2	Hop	1.62	0.130	≤0.4	PASS
3DH5	Ant2	Hop	2.864	0.153	≤0.4	PASS

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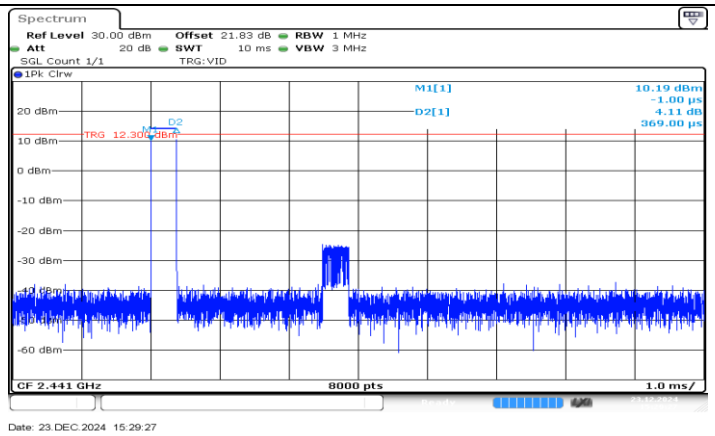
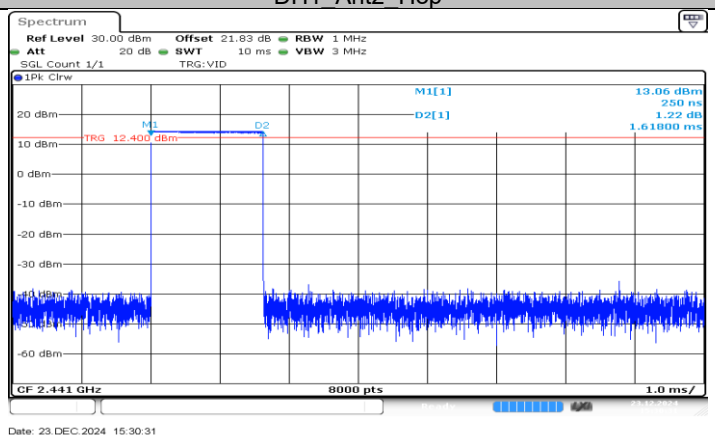
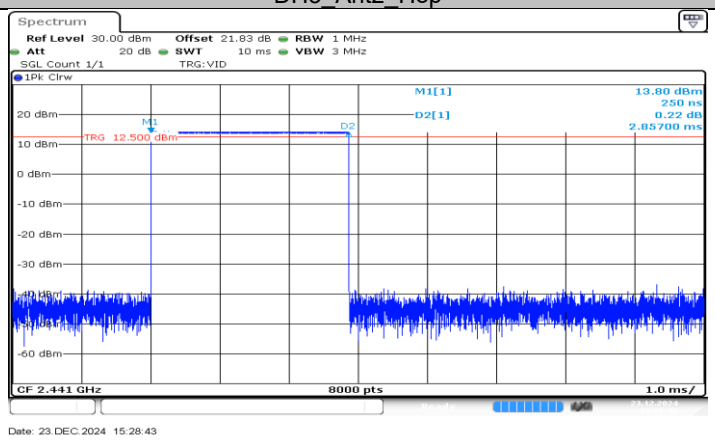
12.5.2. Test Graphs



DH1_Ant2_Hop



DH3_Ant2_Hop



DH5_Ant2_Hop

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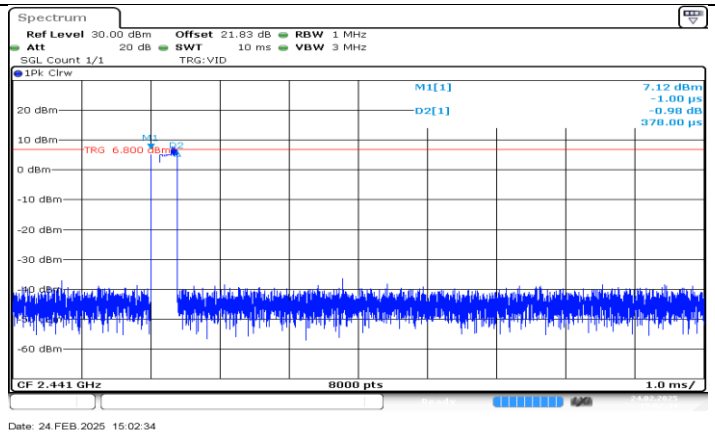
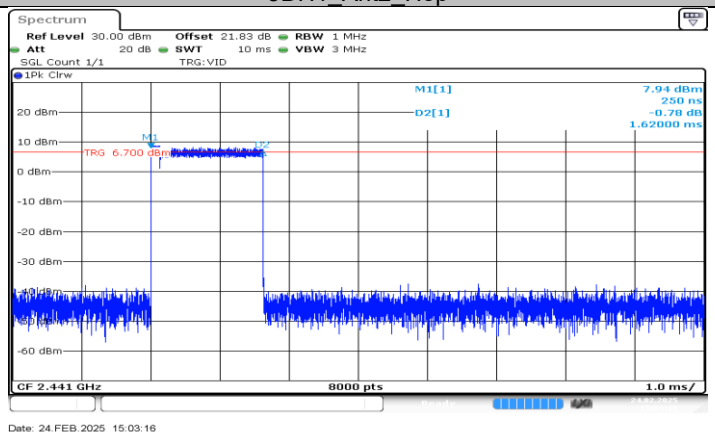
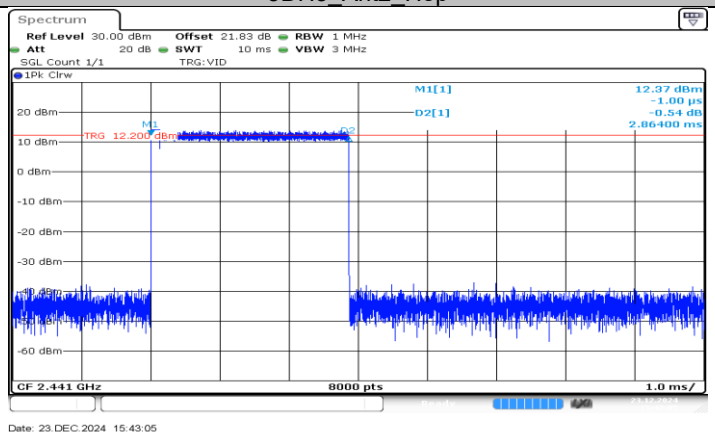


3DH1_Ant2_Hop



3DH3_Ant2_Hop



3DH5_Ant2_Hop

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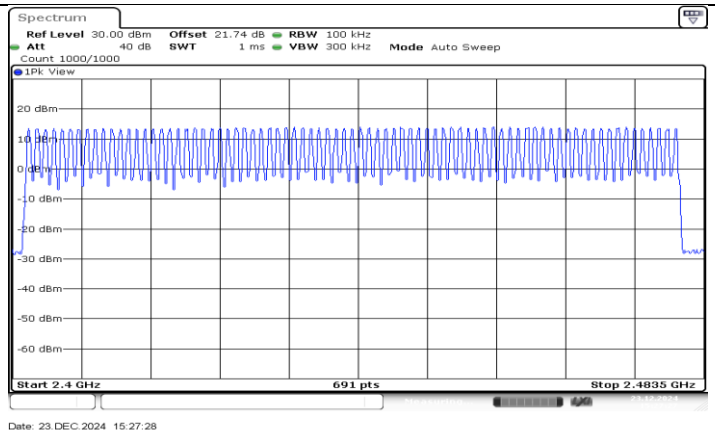
12.6. APPENDIX F: NUMBER OF HOPPING CHANNELS

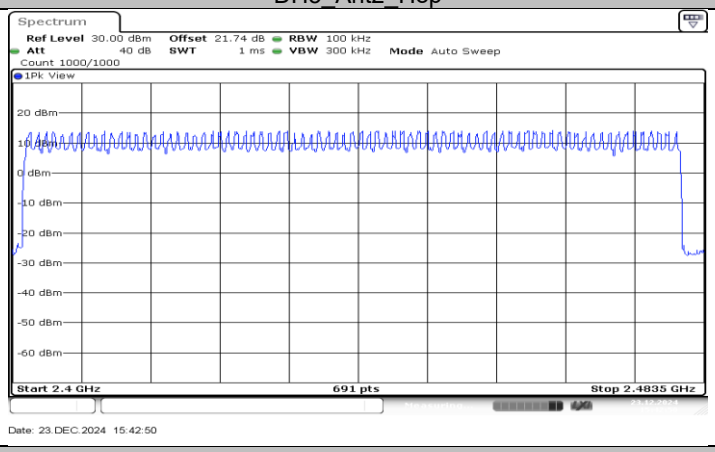
12.6.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant2	Hop	79	≥15	PASS
3DH5	Ant2	Hop	79	≥15	PASS

12.6.2. Test Graphs



DH5_Ant2_Hop



3DH5_Ant2_Hop

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12.7. APPENDIX G: BAND EDGE MEASUREMENTS

12.7.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant2	Low	2402	13.59	-46.53	≤-6.41	PASS
		High	2480	13.92	-44.84	≤-6.08	PASS
		Low	Hop_2402	13.25	-46.33	≤-6.75	PASS
		High	Hop_2480	13.85	-45.45	≤-6.15	PASS
3DH5	Ant2	Low	2402	13.70	-47	≤-6.3	PASS
		High	2480	14.10	-45.14	≤-5.9	PASS
		Low	Hop_2402	12.51	-46.38	≤-7.49	PASS
		High	Hop_2480	13.89	-45.19	≤-6.11	PASS

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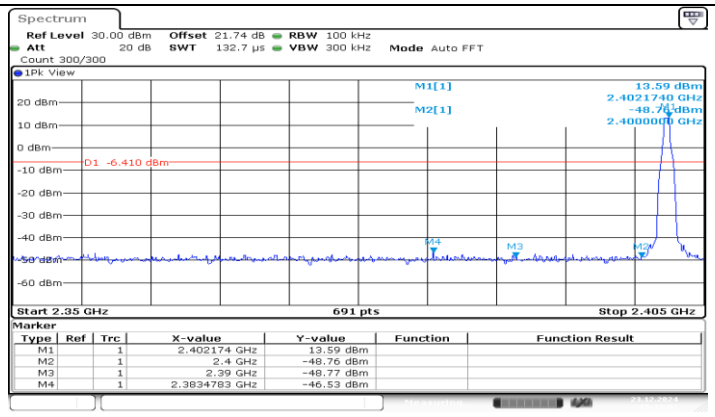
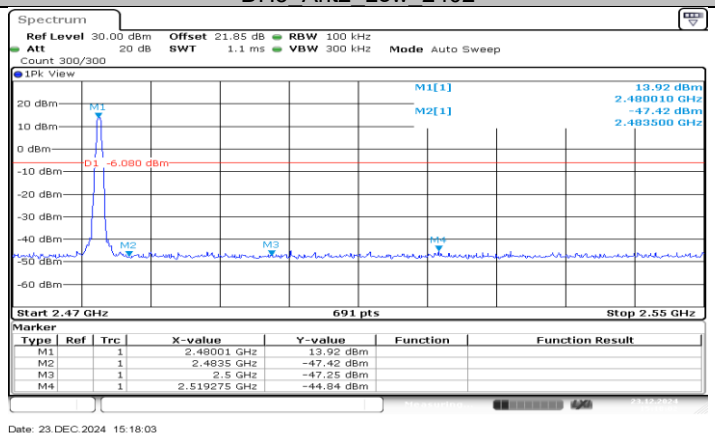
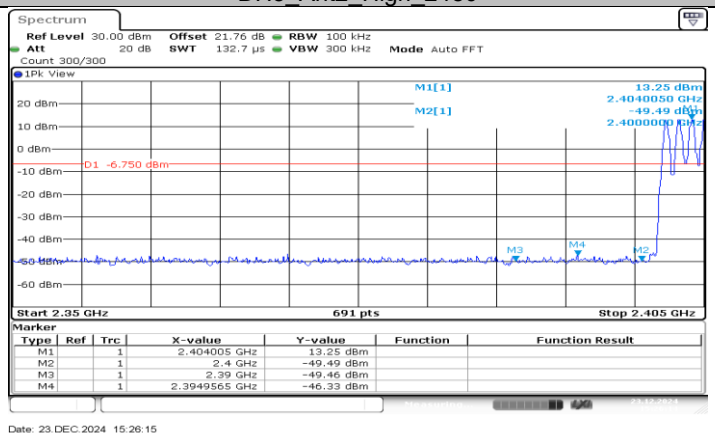
12.7.2. Test Graphs



DH5_Ant2_Low_2402



DH5_Ant2_High_2480



DH5_Ant2_Low_Hop_2402

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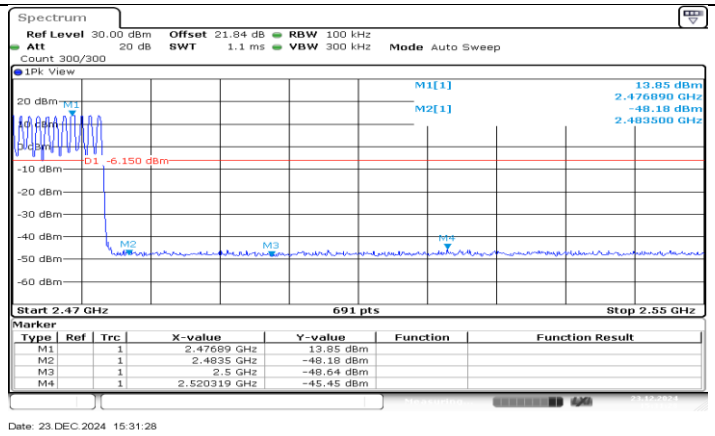
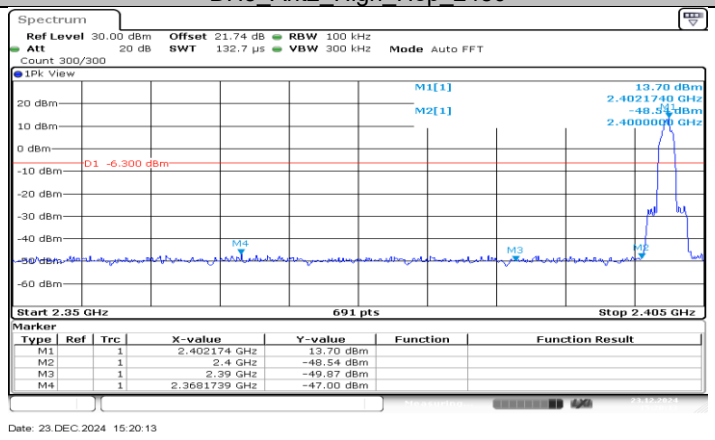
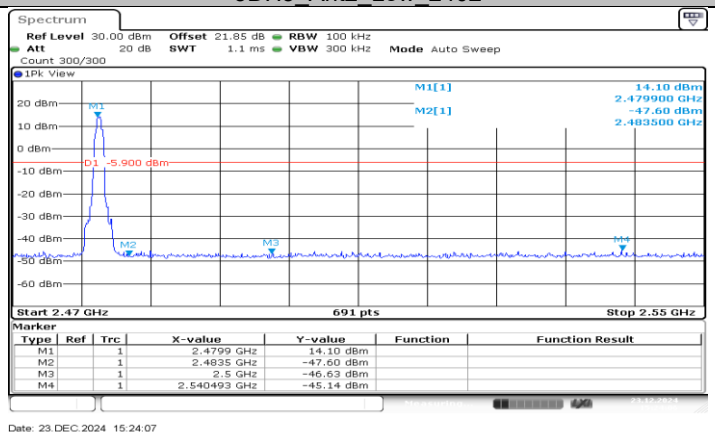


DH5_Ant2_High_Hop_2480



3DH5_Ant2_Low_2402



3DH5_Ant2_High_2480

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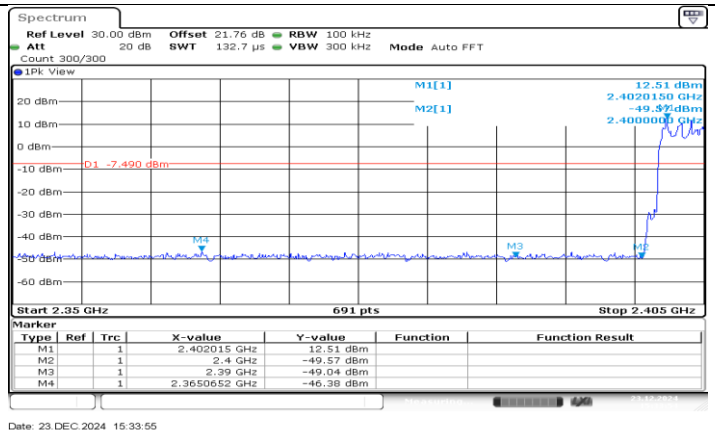
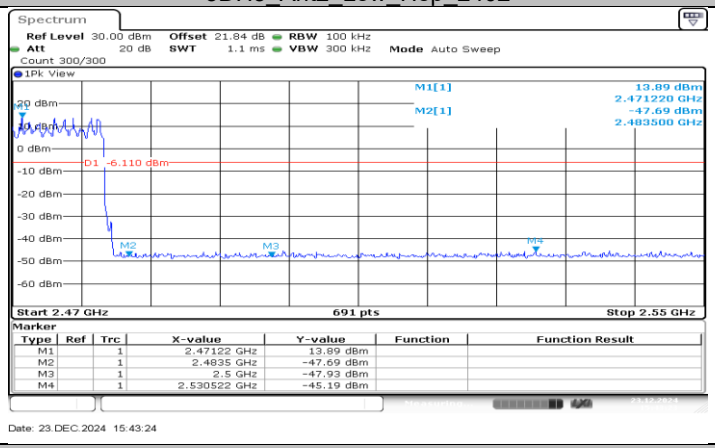


3DH5_Ant2_Low_Hop_2402



3DH5_Ant2_High_Hop_2480

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12.8. APPENDIX H: CONDUCTED SPURIOUS EMISSION

12.8.1. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant2	2402	Reference	13.60	---	PASS
			30~1000	-55.34	≤-6.4	PASS
			1000~26500	-49.42	≤-6.4	PASS
		2441	Reference	13.97	---	PASS
			30~1000	-55.36	≤-6.03	PASS
			1000~26500	-49.21	≤-6.03	PASS
		2480	Reference	13.93	---	PASS
			30~1000	-55.4	≤-6.07	PASS
			1000~26500	-50.18	≤-6.07	PASS
3DH5	Ant2	2402	Reference	13.70	---	PASS
			30~1000	-55.71	≤-6.3	PASS
			1000~26500	-49.85	≤-6.3	PASS
		2441	Reference	14.17	---	PASS
			30~1000	-54.57	≤-5.83	PASS
			1000~26500	-49.82	≤-5.83	PASS
		2480	Reference	14.15	---	PASS
			30~1000	-55.75	≤-5.85	PASS
			1000~26500	-49.56	≤-5.85	PASS

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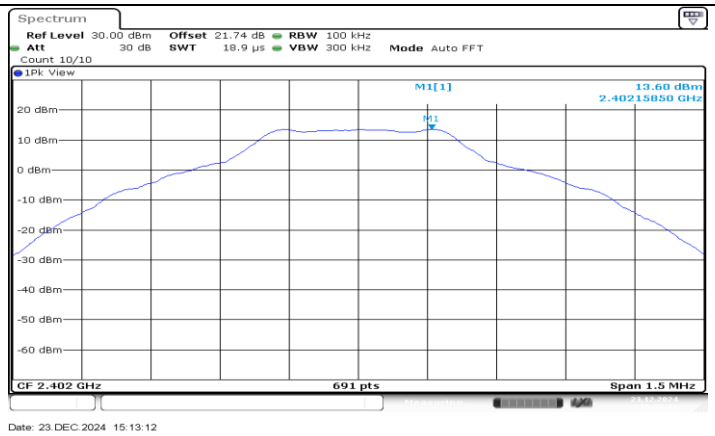
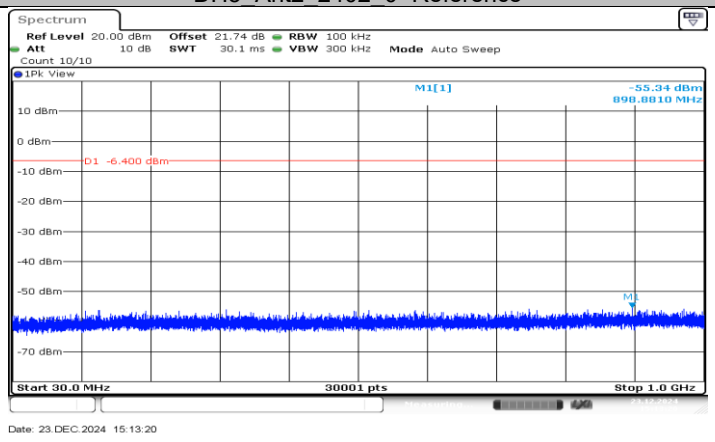
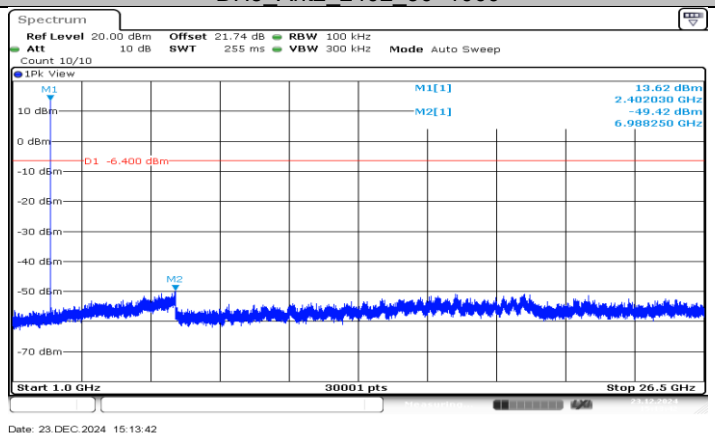
12.8.2. Test Graphs



DH5_Ant2_2402_0~Reference



DH5_Ant2_2402_30~1000



DH5_Ant2_2402_1000~26500

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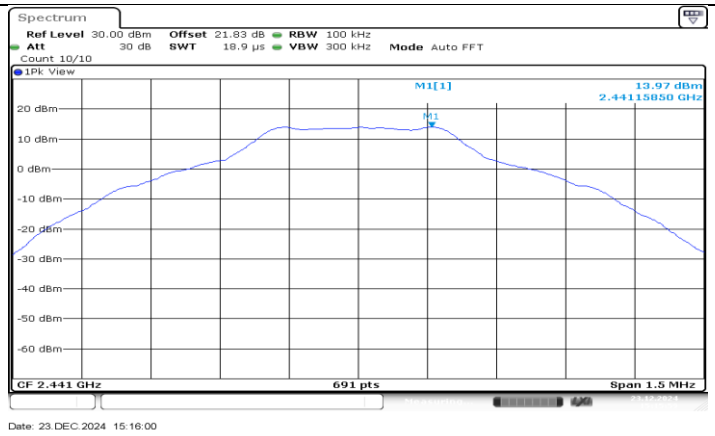
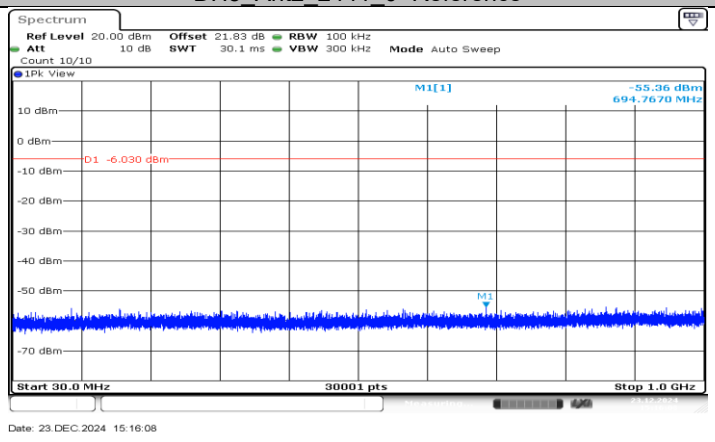
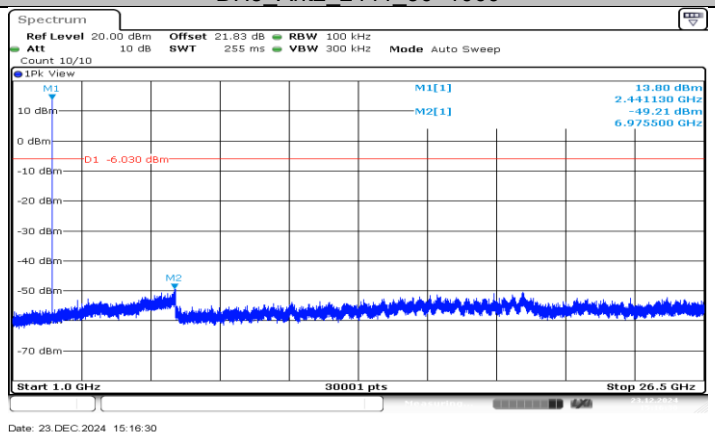


DH5_Ant2_2441_0~Reference



DH5_Ant2_2441_30~1000



DH5_Ant2_2441_1000~26500

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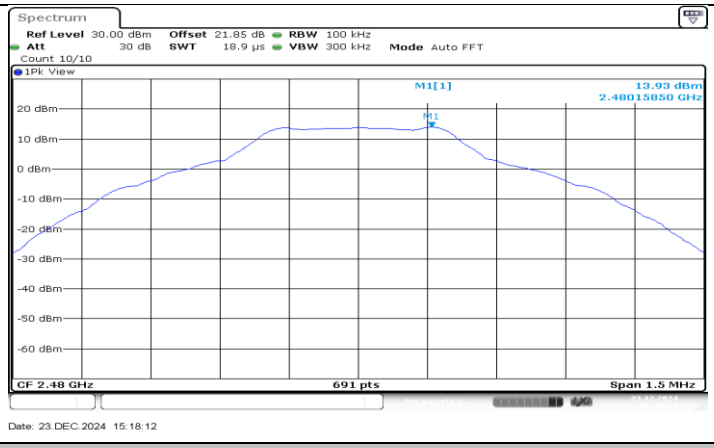
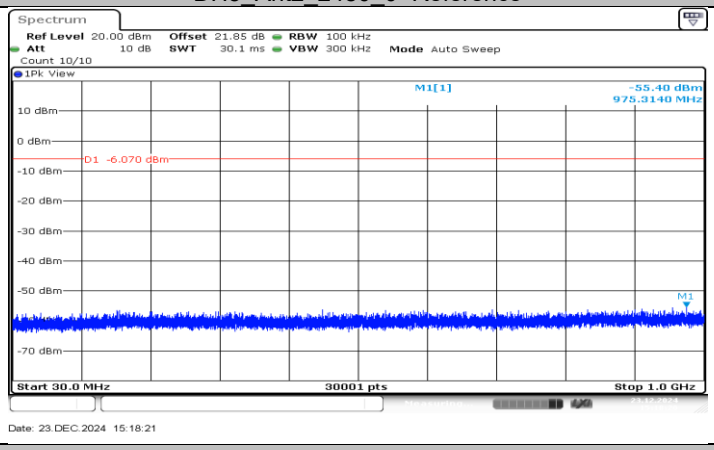
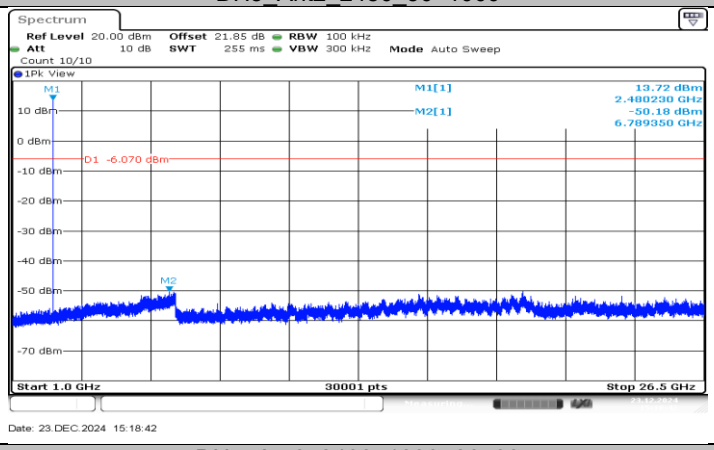


DH5_Ant2_2480_0~Reference



DH5_Ant2_2480_30~1000



DH5_Ant2_2480_1000~26500

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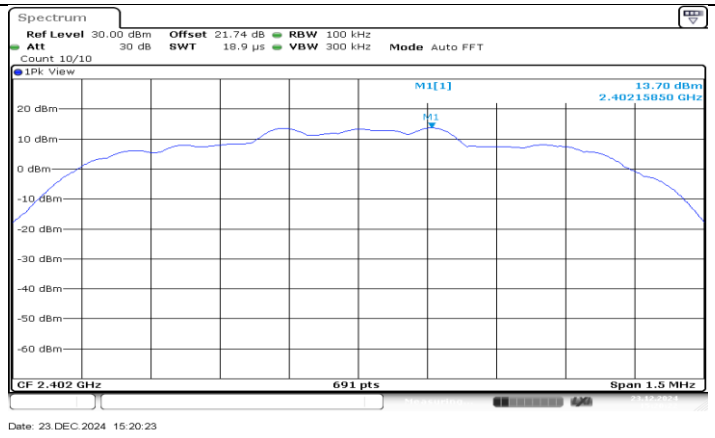
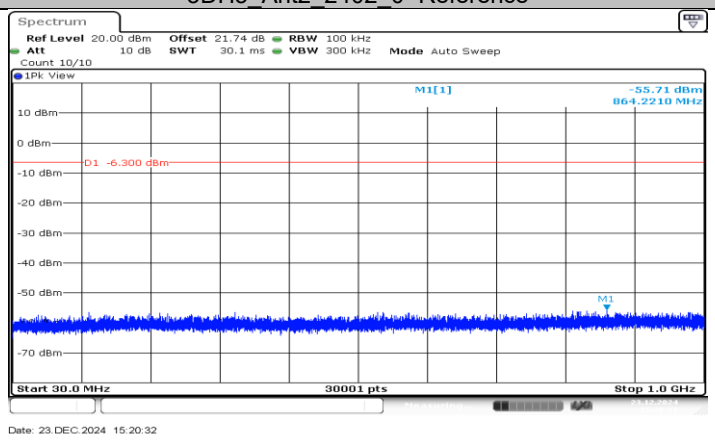
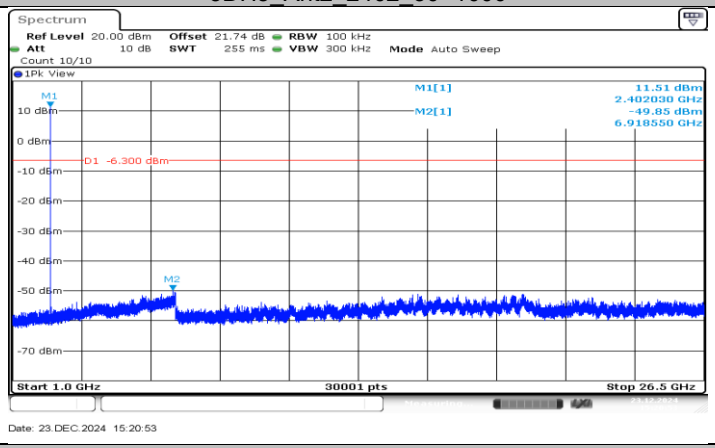


3DH5_Ant2_2402_0~Reference



3DH5_Ant2_2402_30~1000



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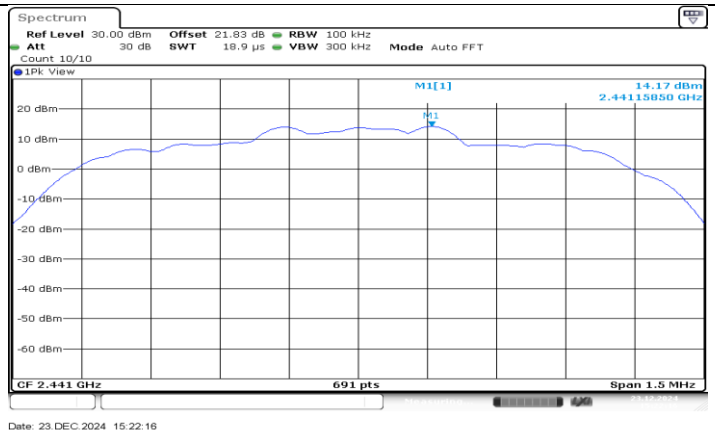

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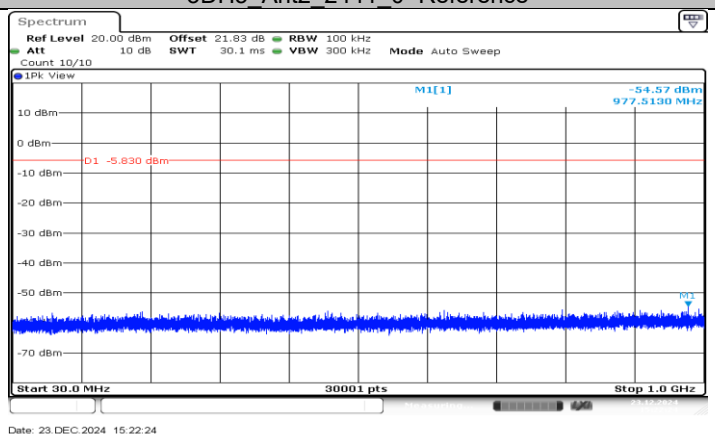

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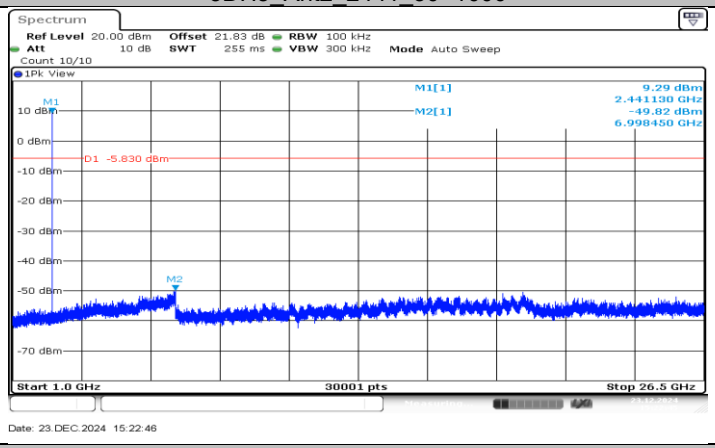

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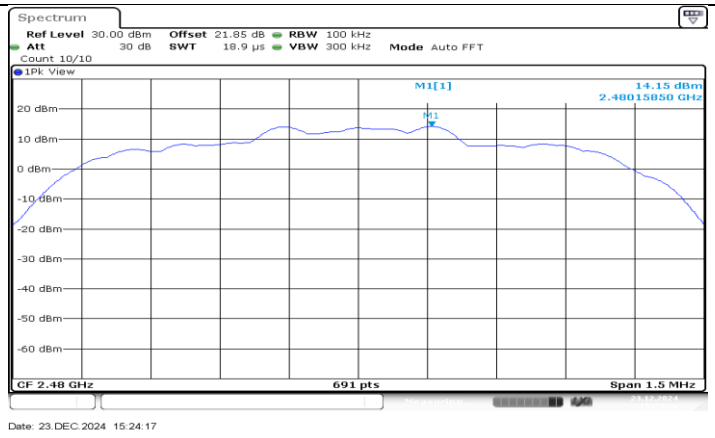

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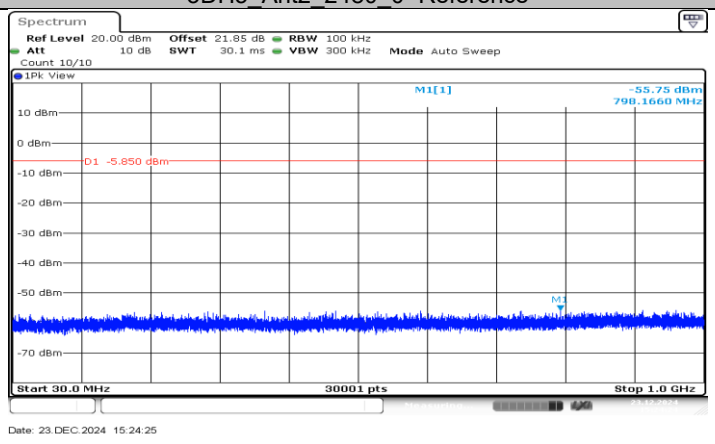

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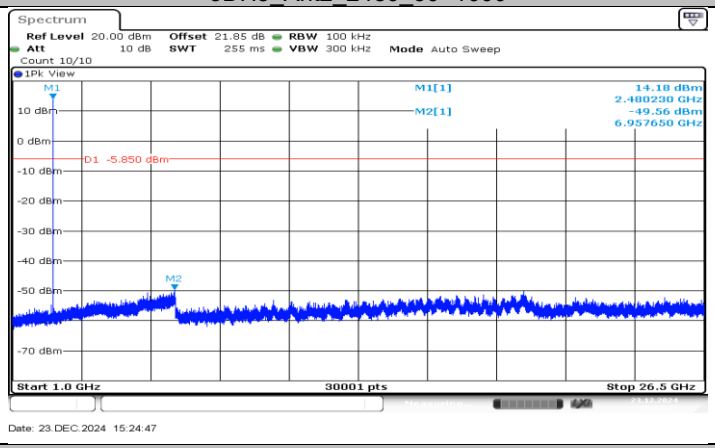

3DH5_Ant2_2480_1000~26500

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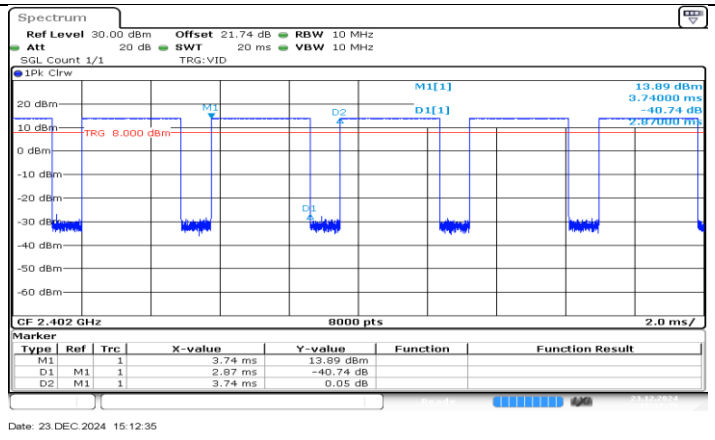
12.9. APPENDIX I: DUTY CYCLE

12.9.1. Test Result

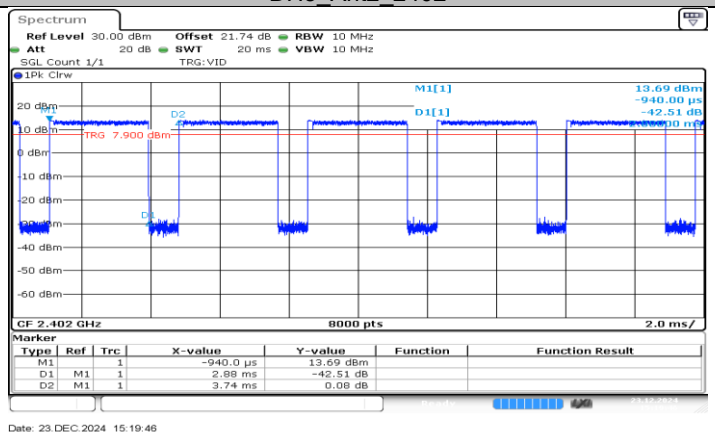
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
DH5	2.87	3.74	0.7674	76.74	1.15	0.35	1
3DH5	2.88	3.74	0.7701	77.01	1.13	0.35	1

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.

12.9.2. Test Graphs



DH5_Ant2_2402



3DH5_Ant2_2402

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