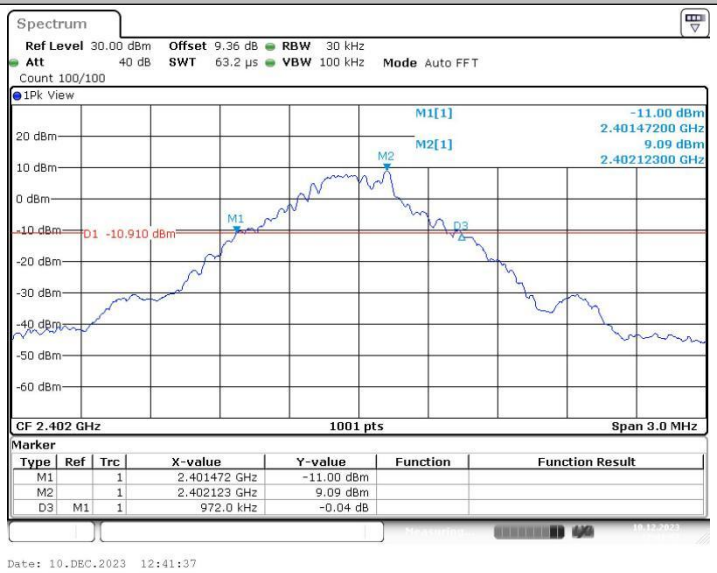
Appendix A: 20dB Emission Bandwidth

Test Result

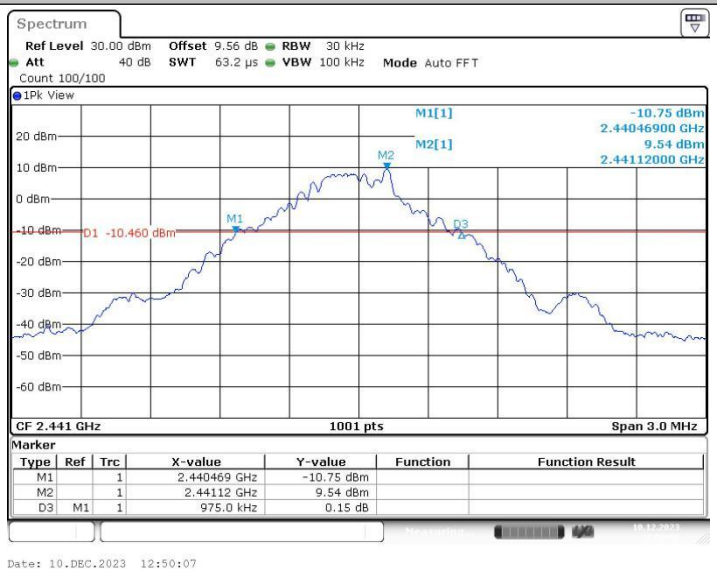
TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.97	2401.47	2402.44	---	---
		2441	0.97	2440.47	2441.44	---	---
		2480	0.97	2479.46	2480.44	---	---
3DH5	Ant1	2402	1.31	2401.32	2402.63	---	---
		2441	1.31	2440.32	2441.62	---	---
		2480	1.32	2479.30	2480.62	---	---

Test Graphs

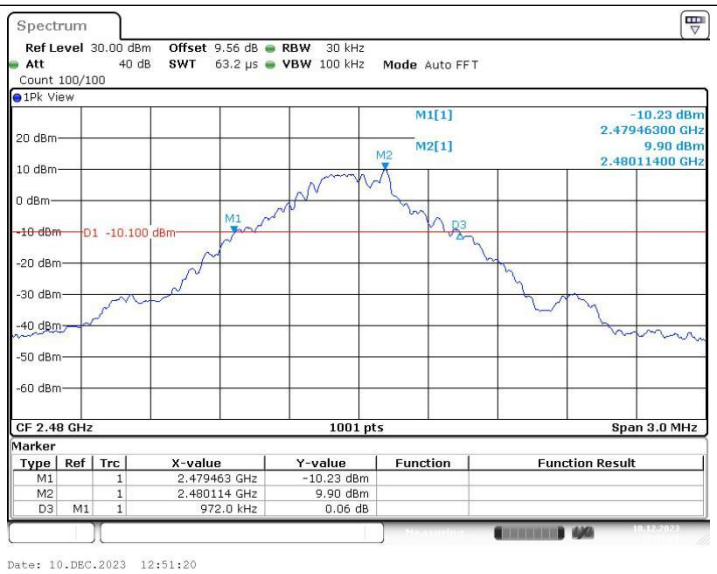
DH5_Ant1_2402



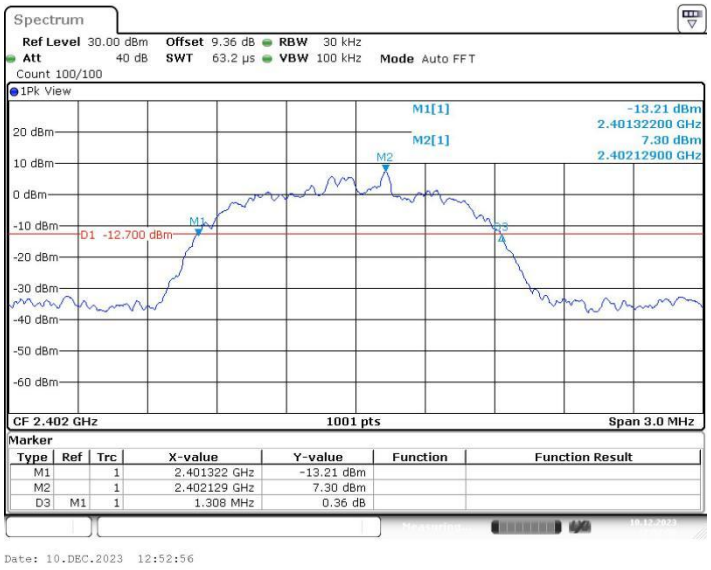
DH5_Ant1_2441



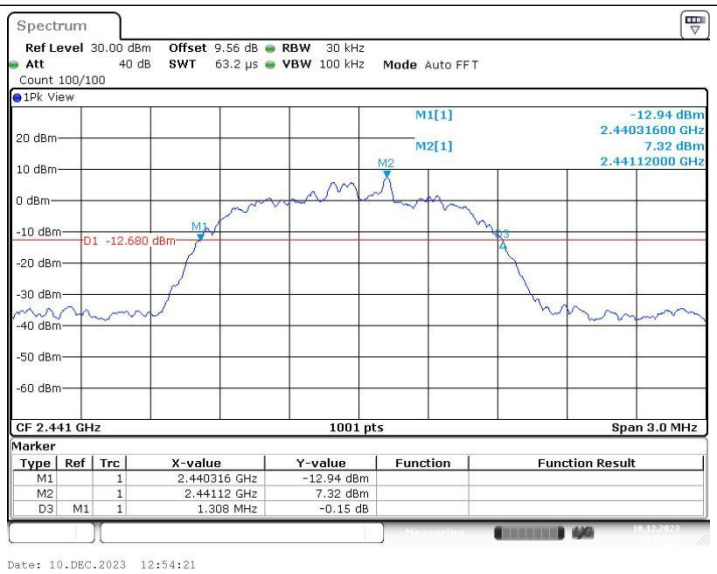
DH5_Ant1_2480



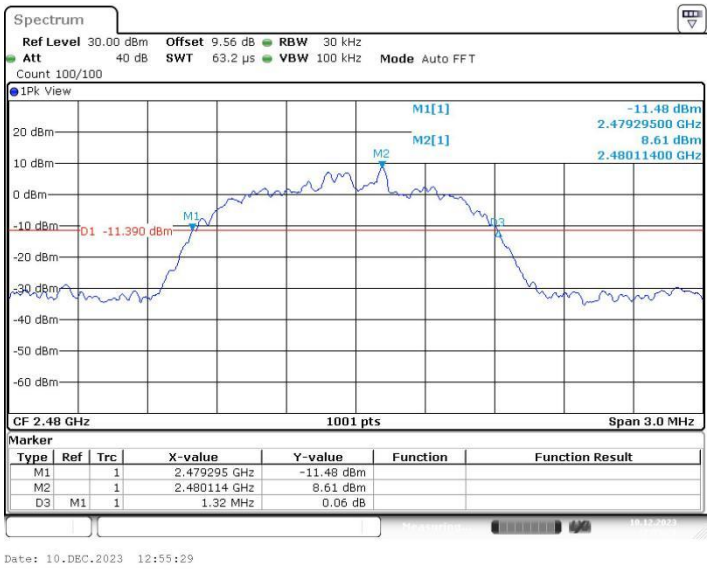
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



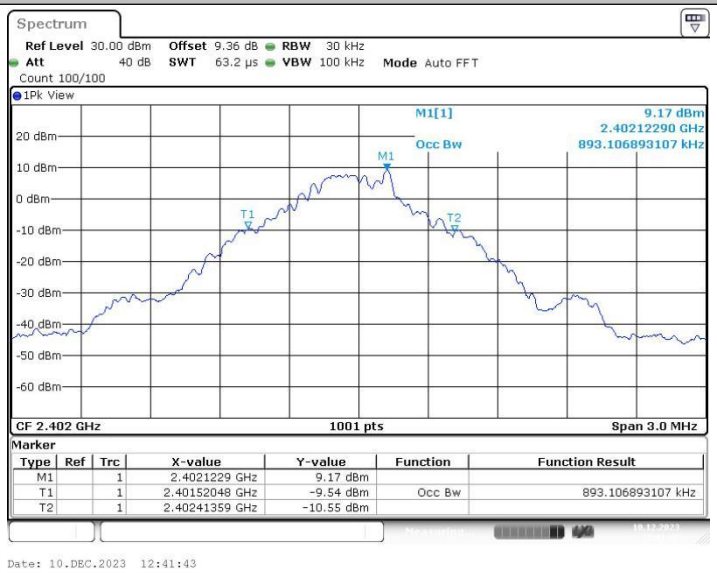
Appendix B: Occupied Channel Bandwidth

Test Result

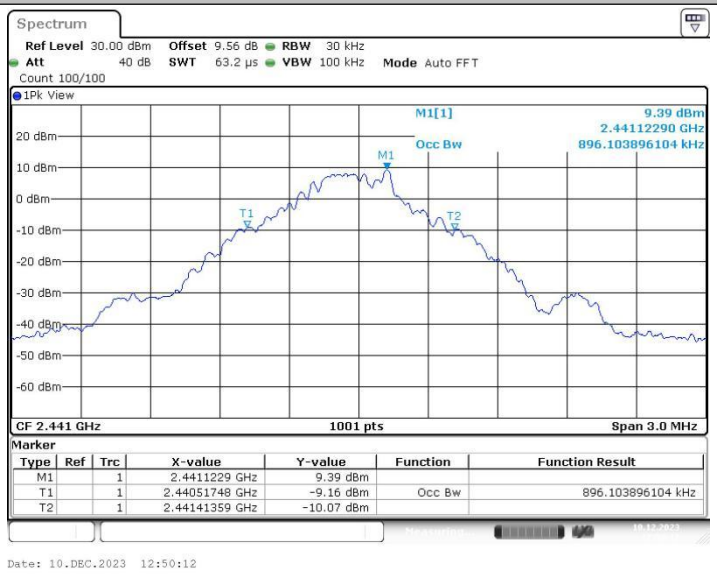
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.893	2401.5205	2402.4136	---	---
		2441	0.896	2440.5175	2441.4136	---	---
		2480	0.893	2479.5115	2480.4046	---	---
3DH5	Ant1	2402	1.199	2401.3706	2402.5694	---	---
		2441	1.199	2440.3646	2441.5634	---	---
		2480	1.205	2479.3526	2480.5574	---	---

Test Graphs

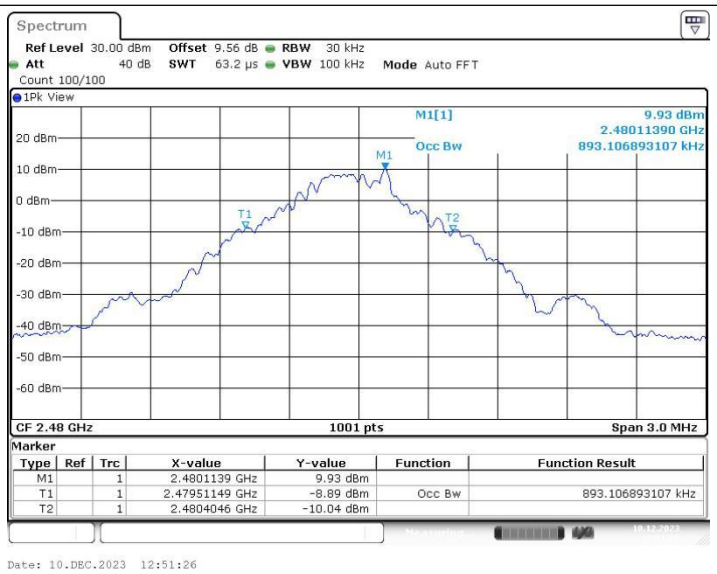
DH5_Ant1_2402



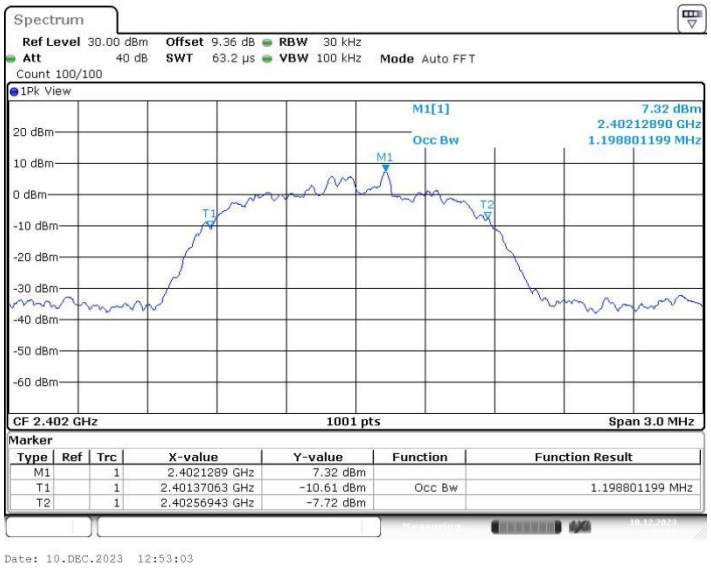
DH5_Ant1_2441



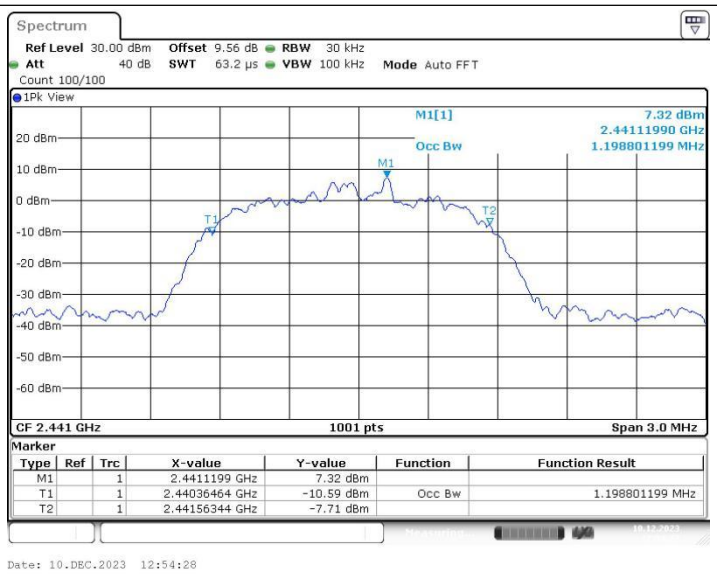
DH5_Ant1_2480



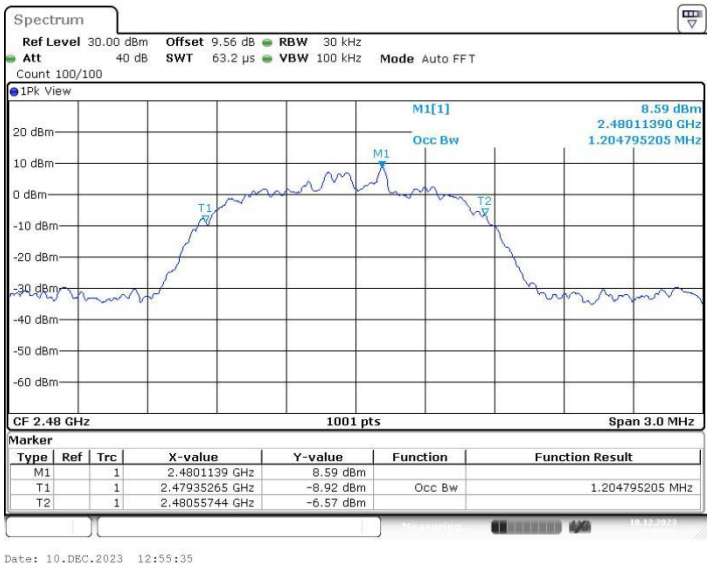
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Freq(MHz)	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Peak EIRP Powert[dBm]	Peak EIRP Limit[dBm]	Verdict
DH5	Ant1	2402	11	≤30	11.9	≤36	PASS
		2441	11.12	≤30	12.02	≤36	PASS
		2480	11.5	≤30	12.4	≤36	PASS
3DH5	Ant1	2402	10.87	≤20.97	11.77	≤36	PASS
		2441	11	≤20.97	11.9	≤36	PASS
		2480	12.06	≤20.97	12.96	≤36	PASS

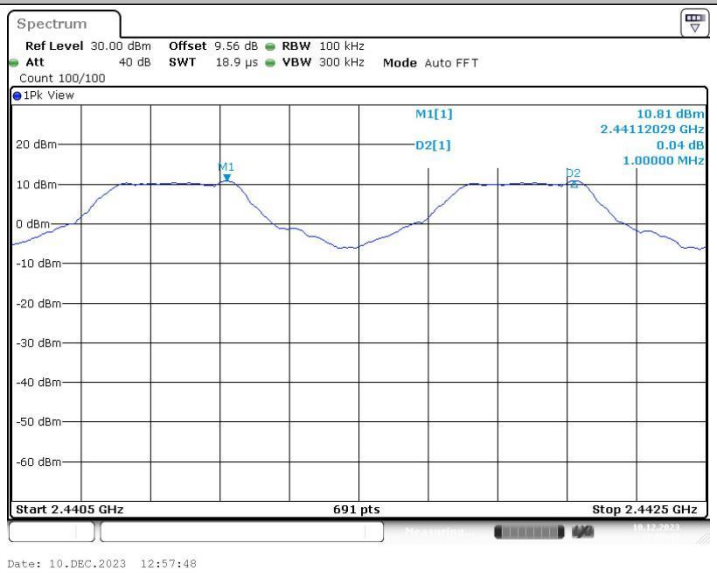
Appendix D: Carrier frequency separation

Test Result

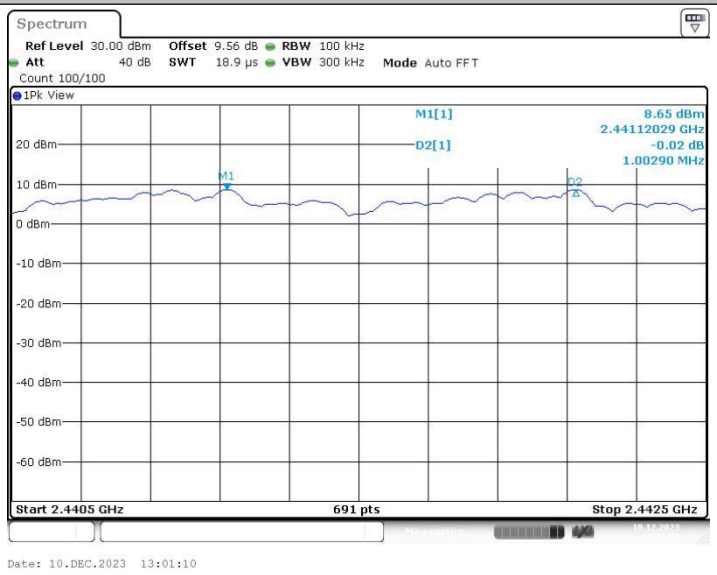
TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.000	≥0.970	PASS
3DH5	Ant1	Hop	1.003	≥0.880	PASS

Test Graphs

DH5_Ant1_Hop



3DH5_Ant1_Hop



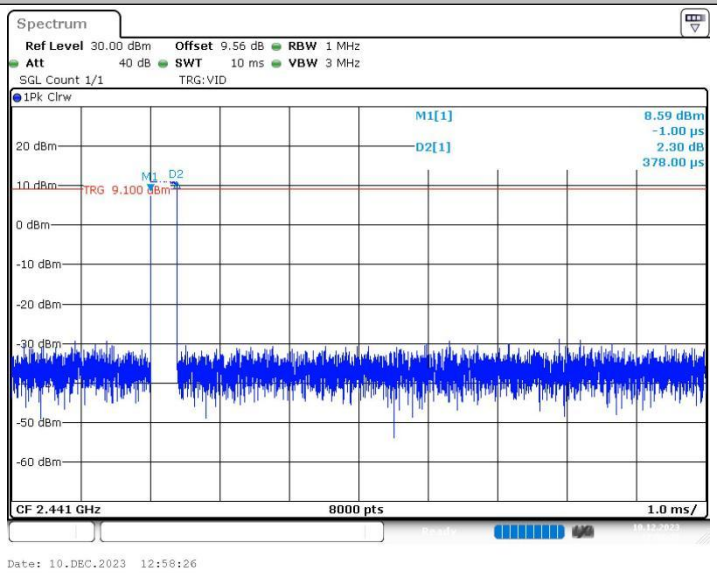
Appendix E: Time of occupancy

Test Result

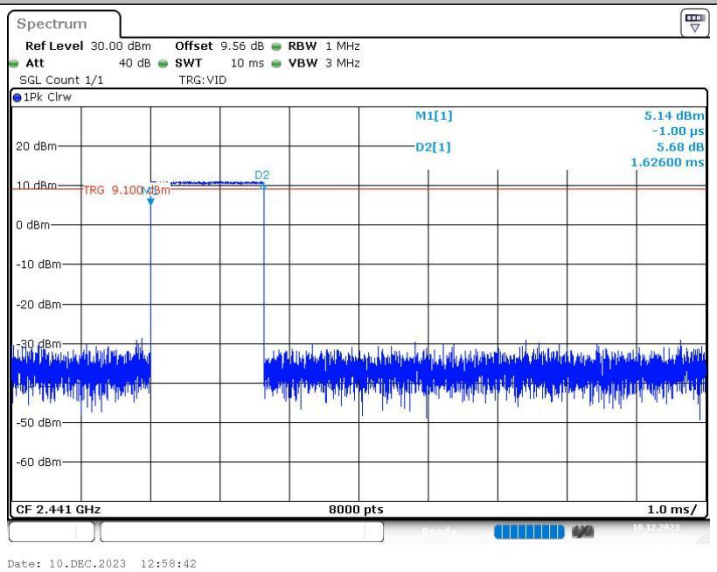
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.378	320	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.626	160	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.867	106.67	0.306	≤0.4	PASS
3DH1	Ant1	Hop	0.384	320	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.628	160	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.872	106.67	0.306	≤0.4	PASS

Test Graphs

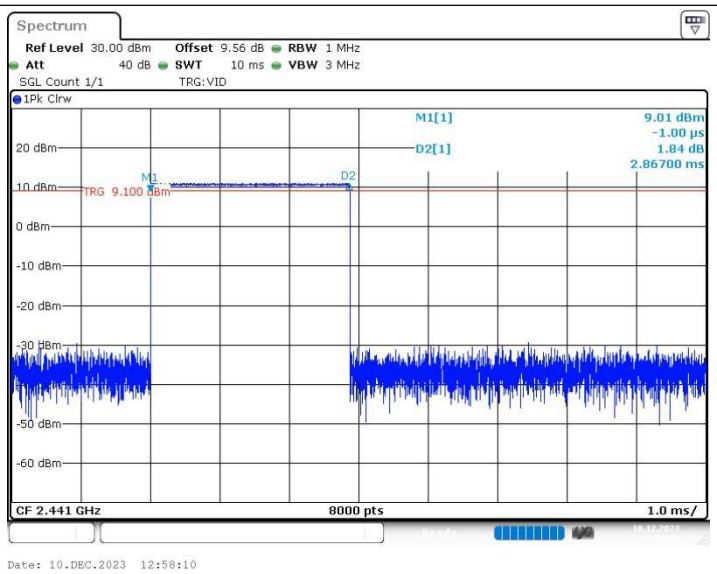
DH1_Ant1_Hop



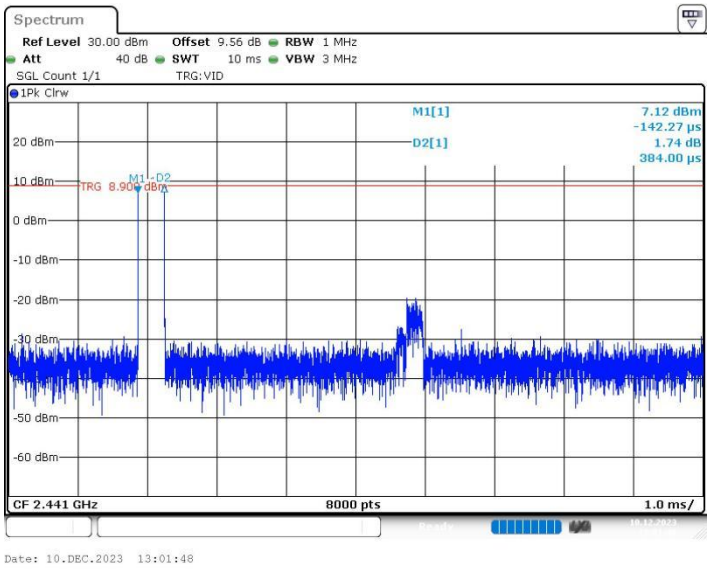
DH3_Ant1_Hop



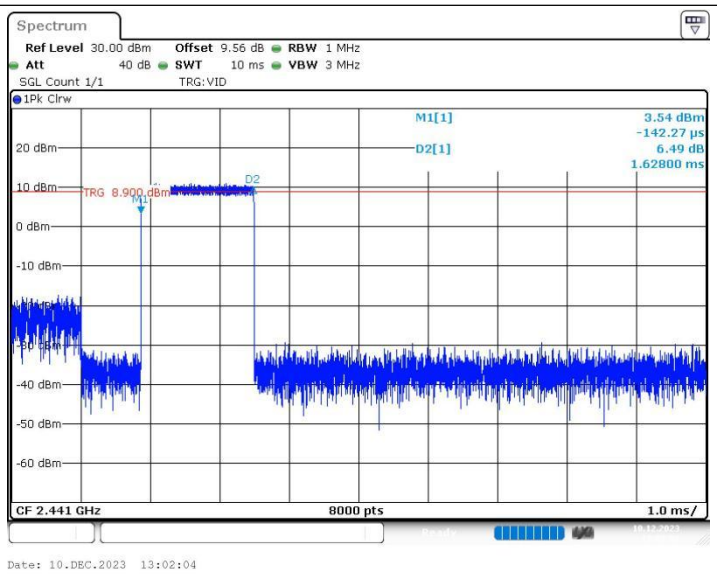
DH5_Ant1_Hop



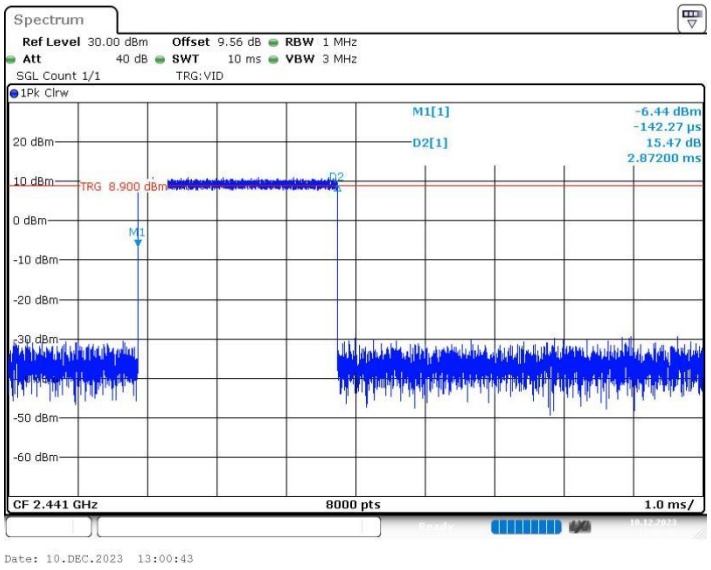
3DH1_Ant1_Hop



3DH3_Ant1_Hop



3DH5_Ant1_Hop



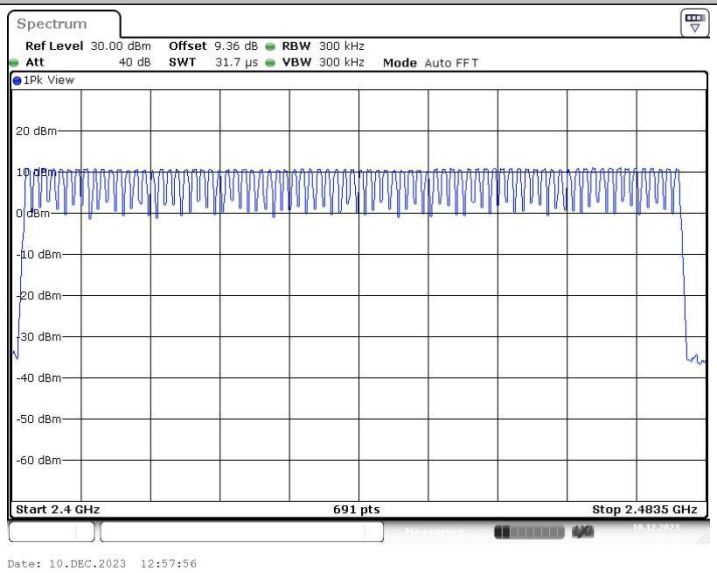
Appendix F: Number of hopping channels

Test Result

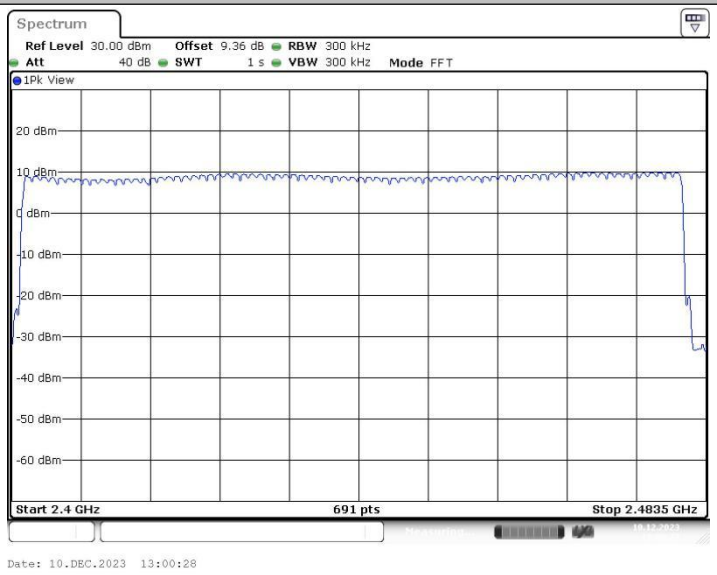
TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

DH5_Ant1_Hop



3DH5_Ant1_Hop



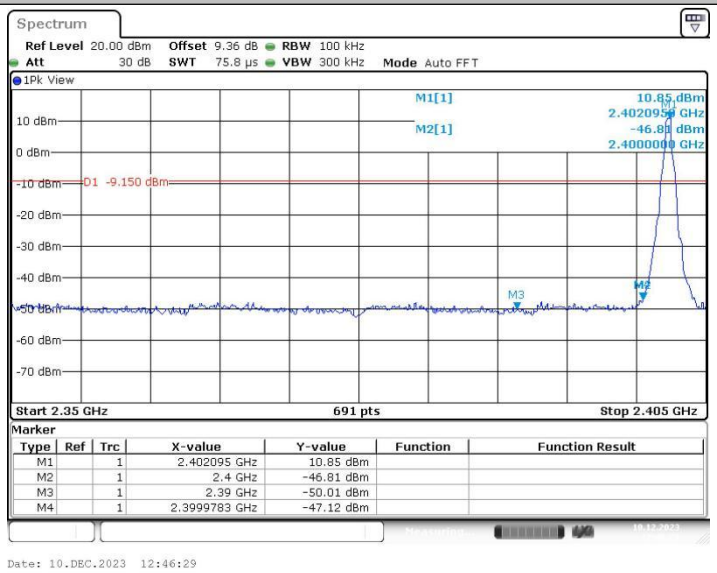
Appendix G: Band edge measurements

Test Result

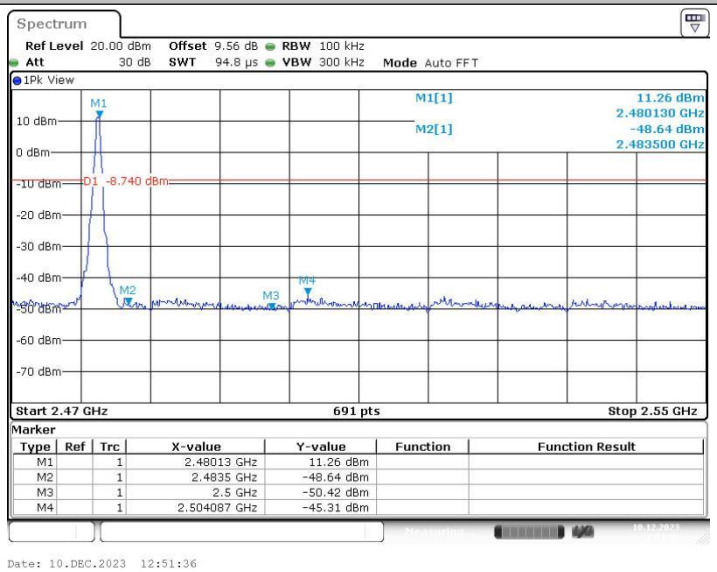
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	10.85	-47.12	≤-9.15	PASS
		High	2480	11.26	-45.31	≤-8.74	PASS
		Low	Hop_2402	10.39	-46.41	≤-9.61	PASS
		High	Hop_2480	10.78	-46.36	≤-9.22	PASS
3DH5	Ant1	Low	2402	8.67	-43.13	≤-11.33	PASS
		High	2480	9.97	-45.95	≤-10.03	PASS
		Low	Hop_2402	7.69	-45.03	≤-12.31	PASS
		High	Hop_2480	9.83	-46.56	≤-10.17	PASS

Test Graphs

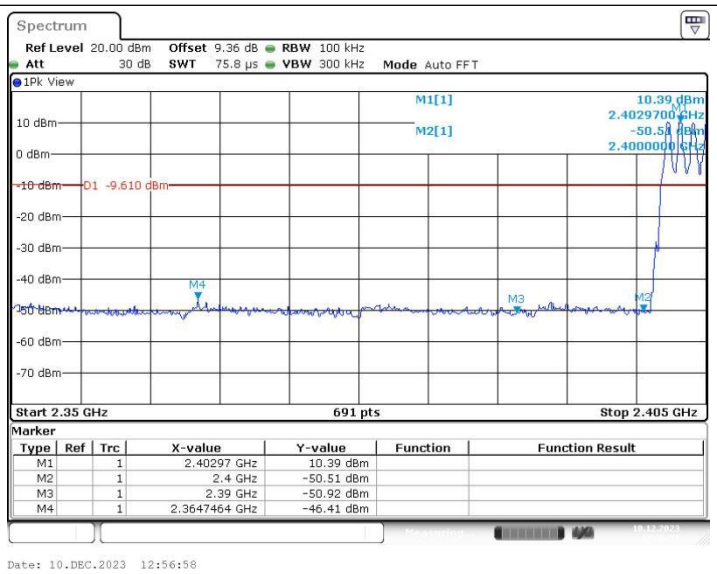
DH5_Ant1_Low_2402



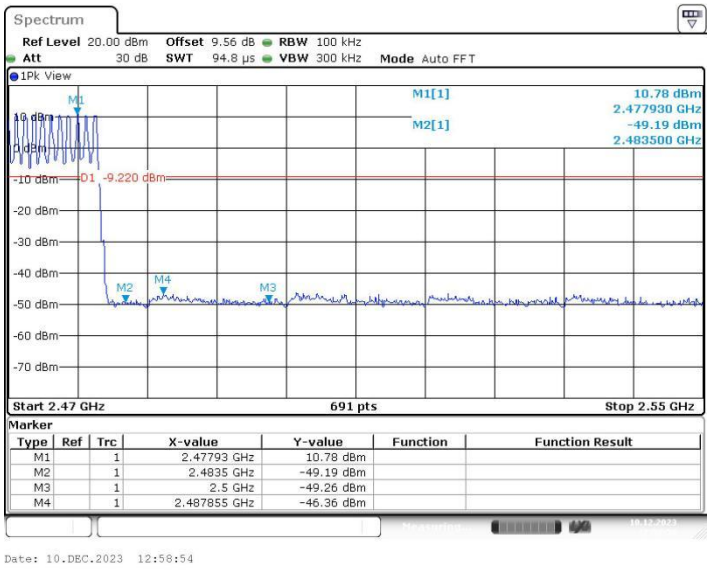
DH5_Ant1_High_2480



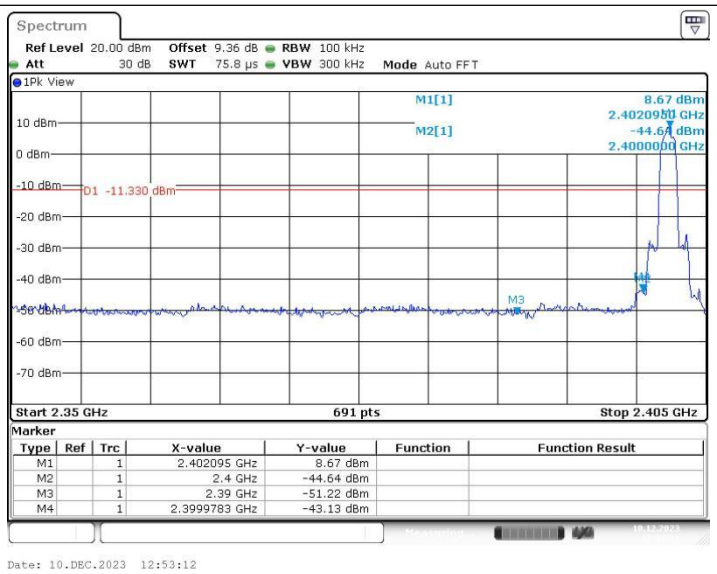
DH5_Ant1_Low_Hop_2402



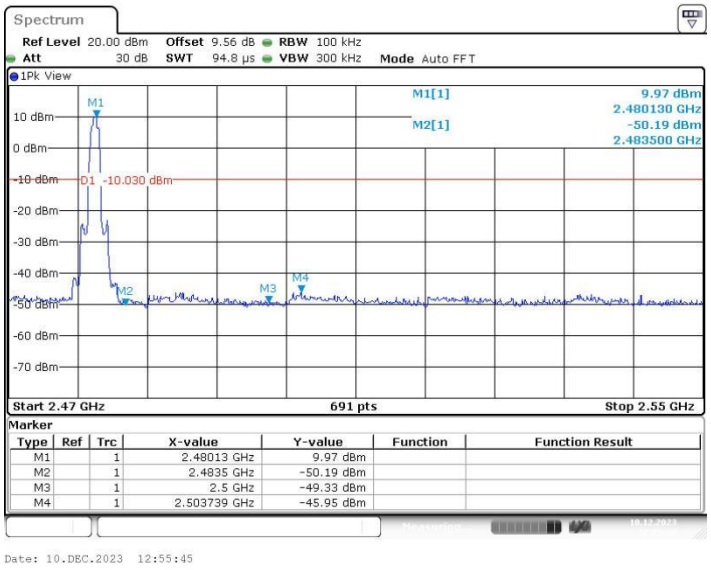
DH5_Ant1_High_Hop_2480



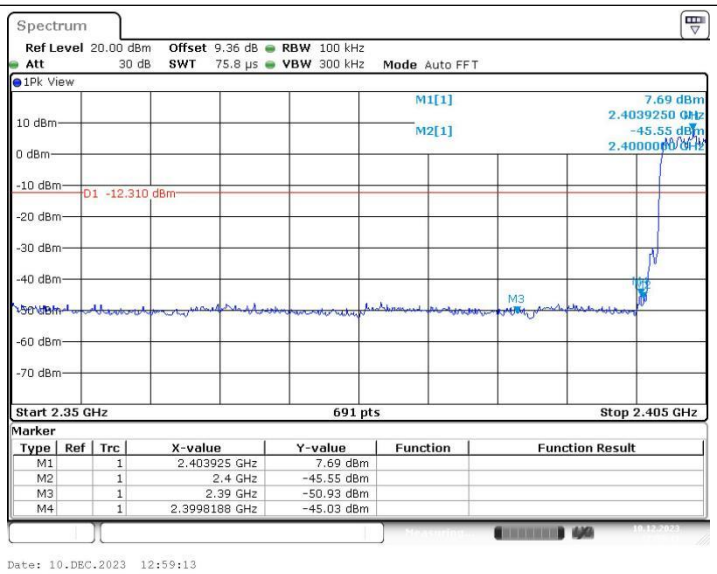
3DH5_Ant1_Low_2402



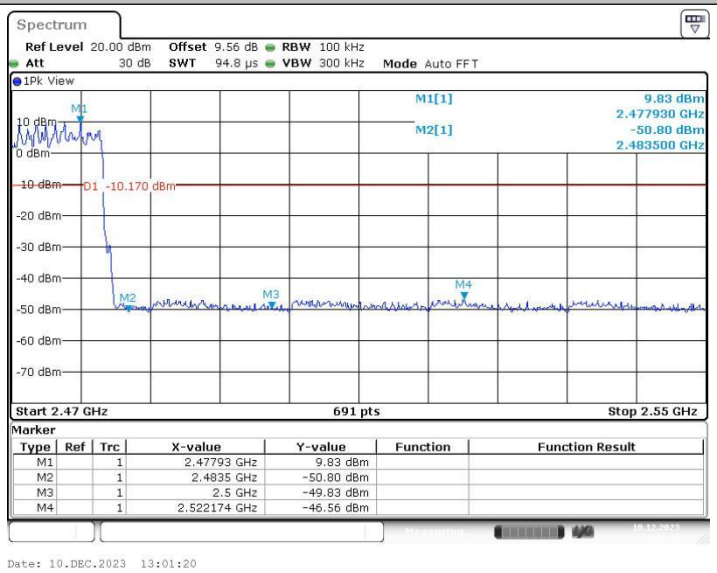
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480



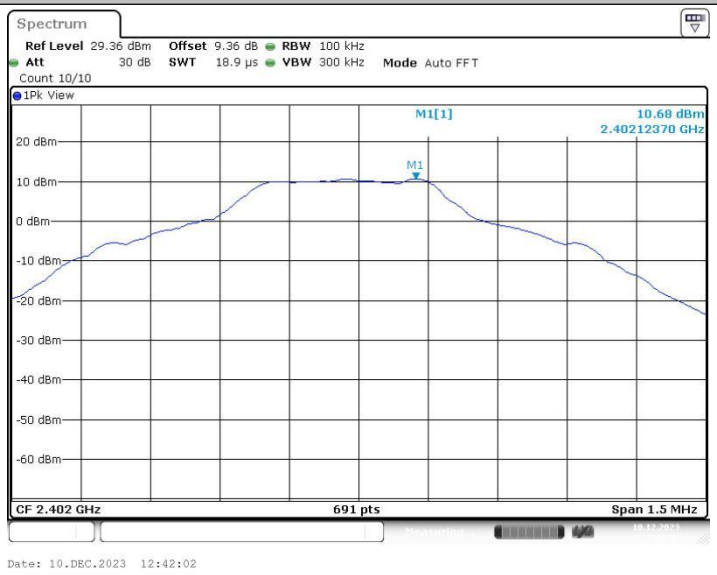
Appendix H: Conducted Spurious Emission

Test Result

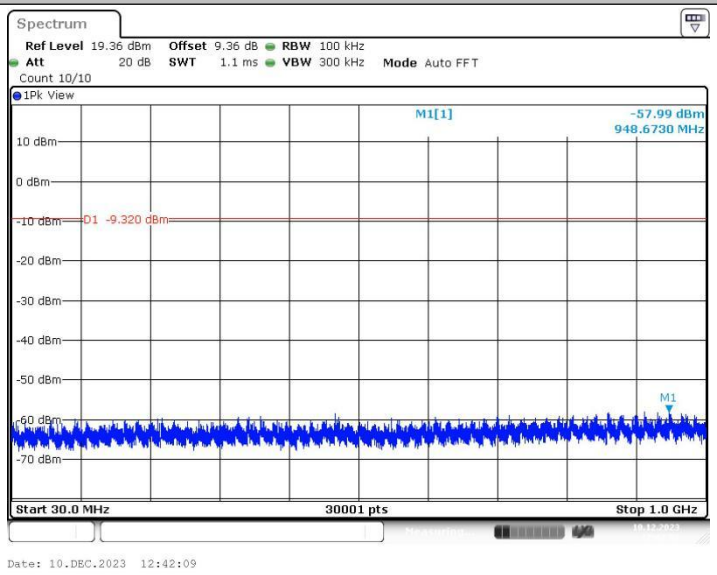
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	10.68	10.68	---	PASS
			30~1000	10.68	-57.99	≤-9.32	PASS
			1000~26500	10.68	-45.42	≤-9.32	PASS
		2441	Reference	10.92	10.92	---	PASS
			30~1000	10.92	-57.15	≤-9.08	PASS
			1000~26500	10.92	-43.09	≤-9.08	PASS
		2480	Reference	11.27	11.27	---	PASS
			30~1000	11.27	-58.09	≤-8.73	PASS
			1000~26500	11.27	-44.9	≤-8.73	PASS
3DH5	Ant1	2402	Reference	8.75	8.75	---	PASS
			30~1000	8.75	-58.17	≤-11.25	PASS
			1000~26500	8.75	-43.21	≤-11.25	PASS
		2441	Reference	8.73	8.73	---	PASS
			30~1000	8.73	-57.44	≤-11.27	PASS
			1000~26500	8.73	-44.29	≤-11.27	PASS
		2480	Reference	9.97	9.97	---	PASS
			30~1000	9.97	-57.41	≤-10.03	PASS
			1000~26500	9.97	-45.78	≤-10.03	PASS

Test Graphs

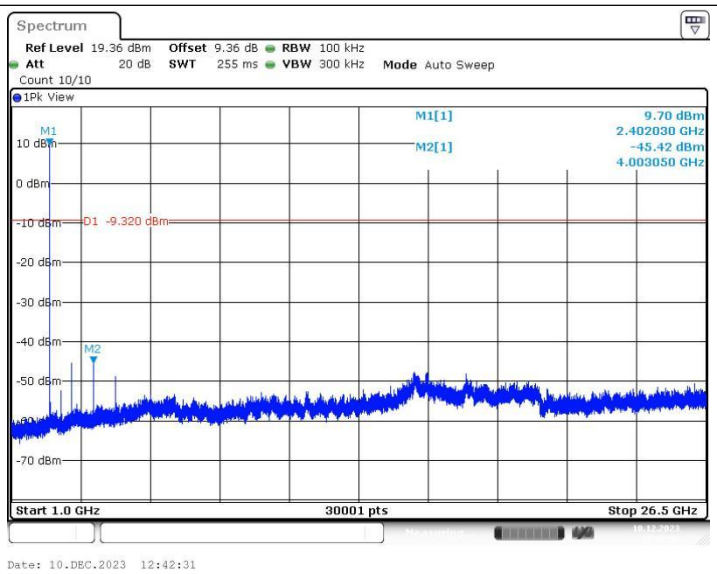
DH5_Ant1_2402_0~Reference



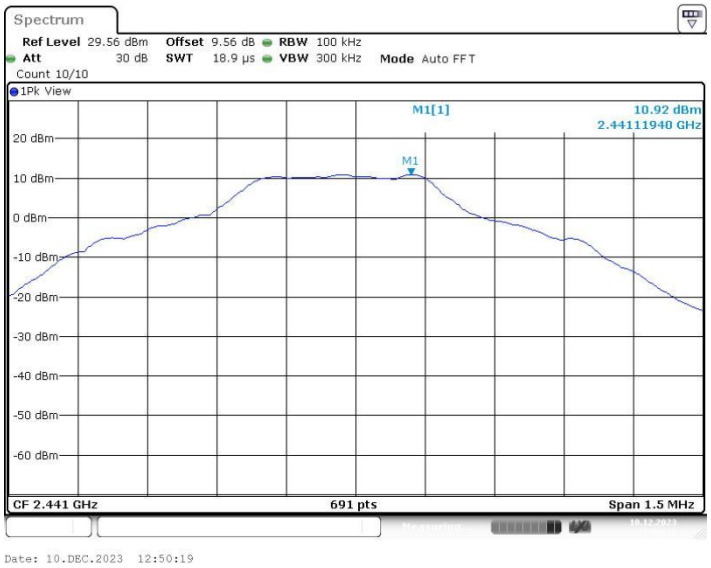
DH5_Ant1_2402_30~1000



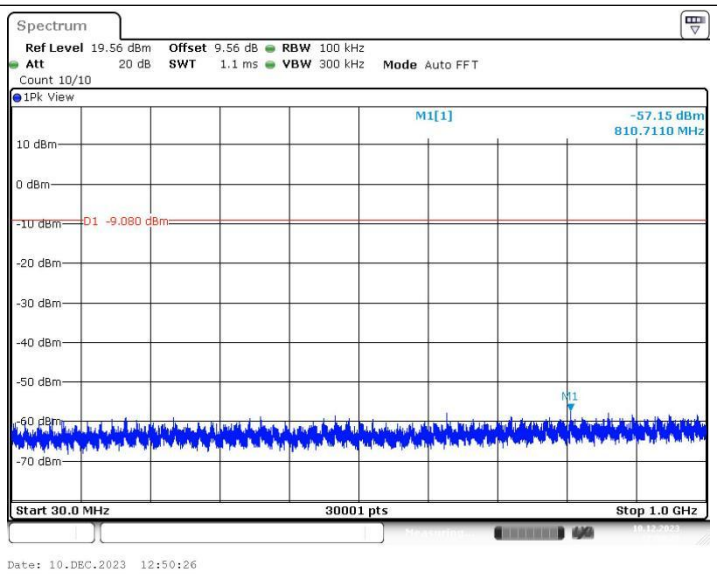
DH5_Ant1_2402_1000~26500



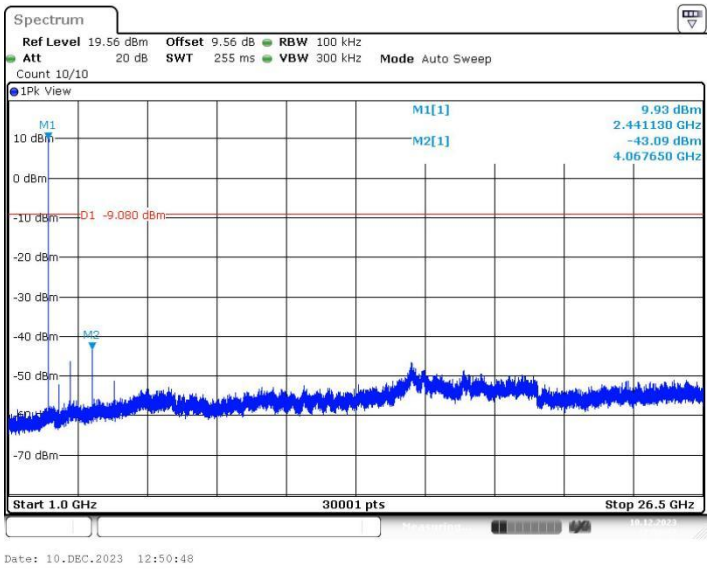
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

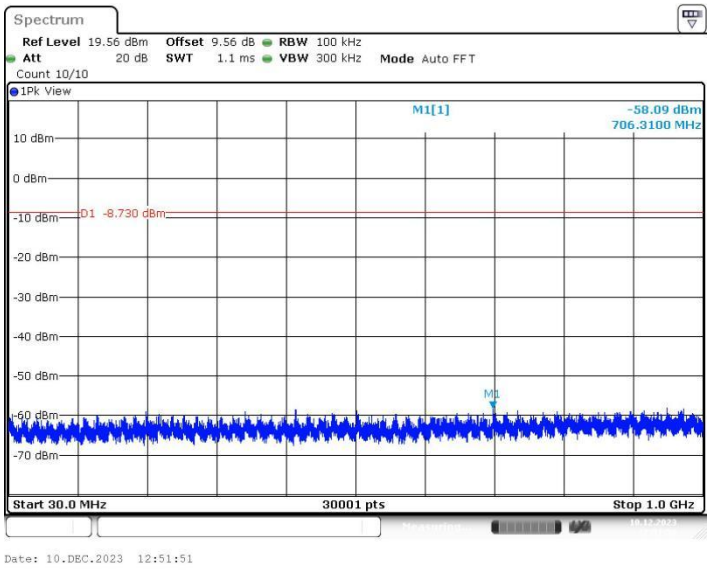


DH5_Ant1_2441_1000~26500

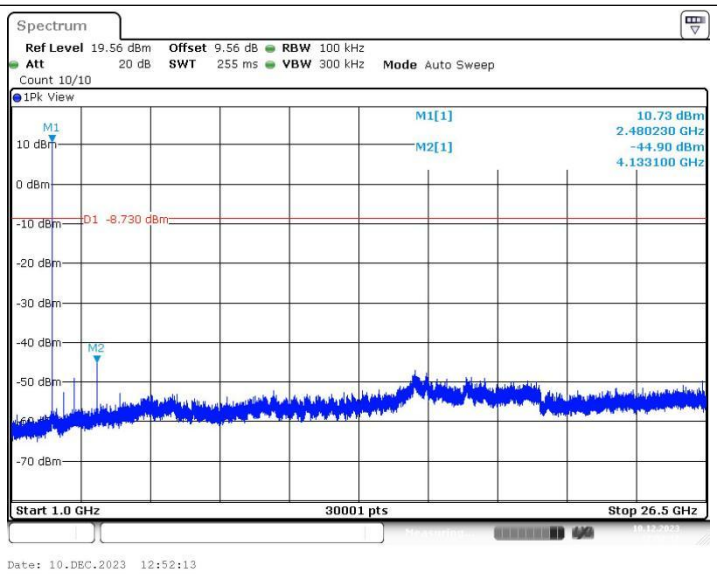


DH5_Ant1_2480_0~Reference

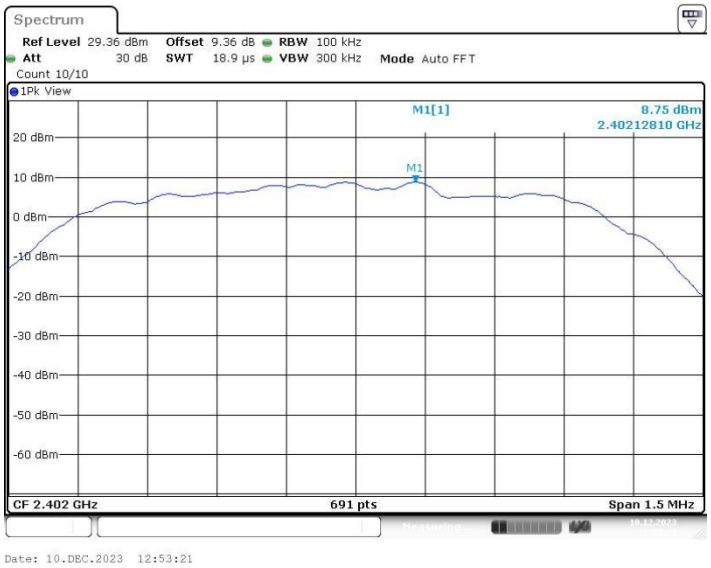
DH5_Ant1_2480_30~1000



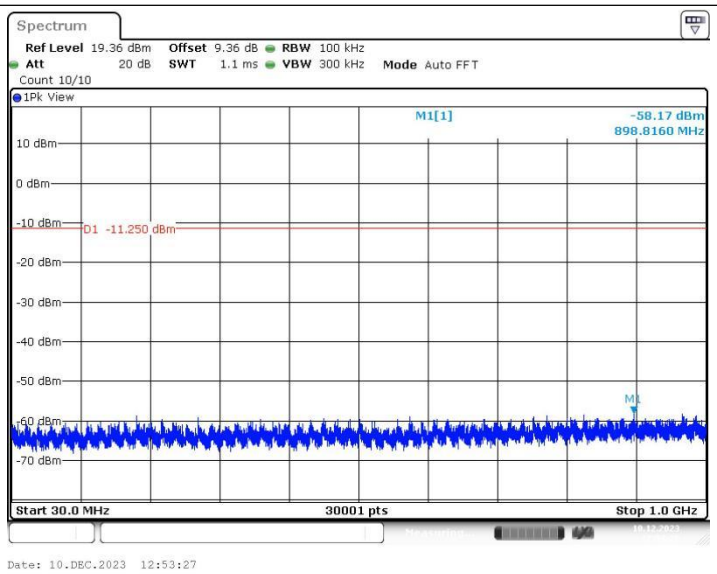
DH5_Ant1_2480_1000~26500



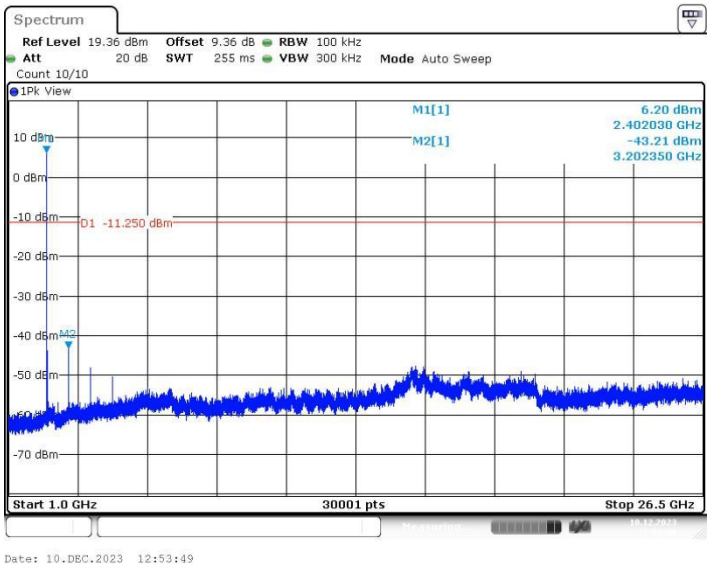
3DH5_Ant1_2402_0~Reference



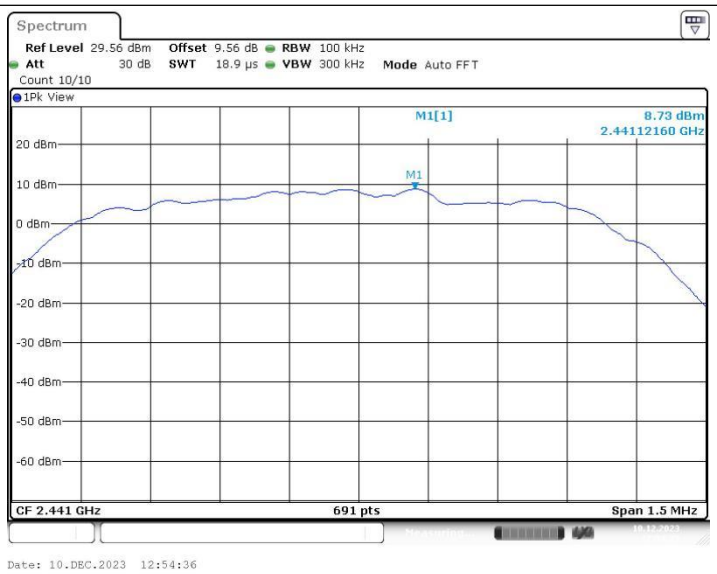
3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500



3DH5_Ant1_2441_0~Reference



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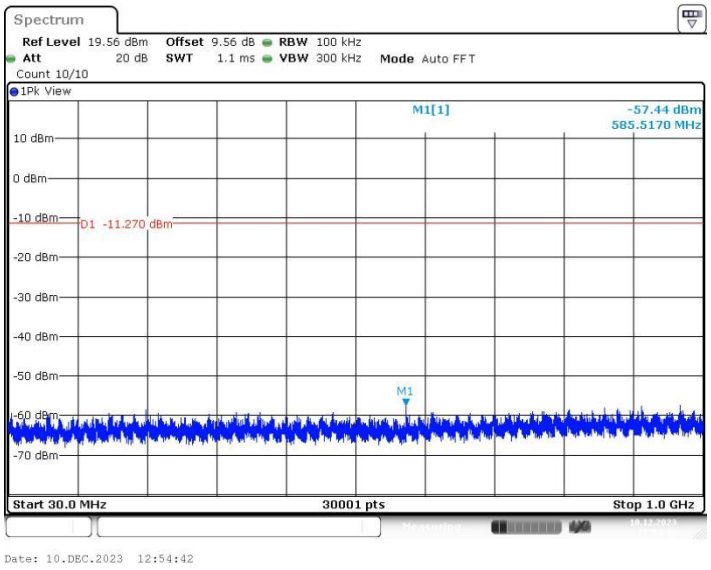

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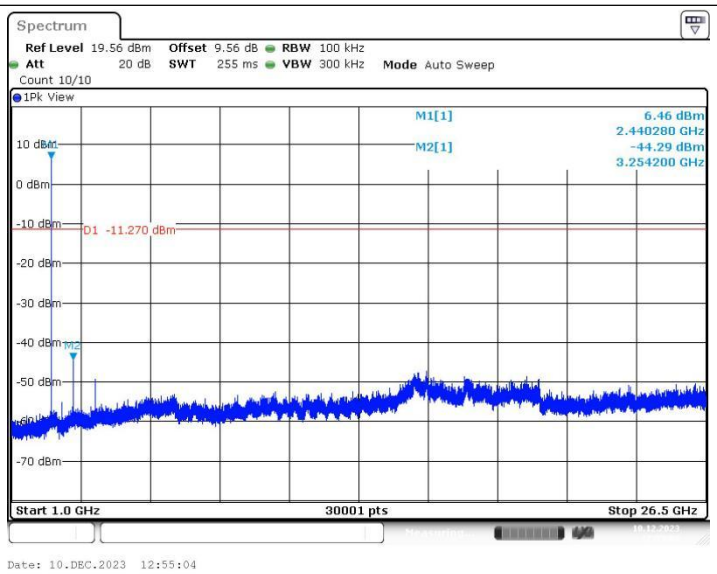

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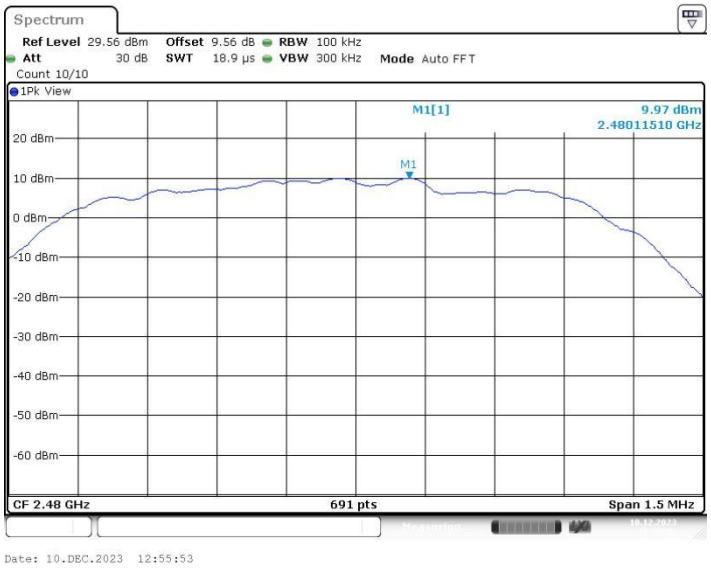

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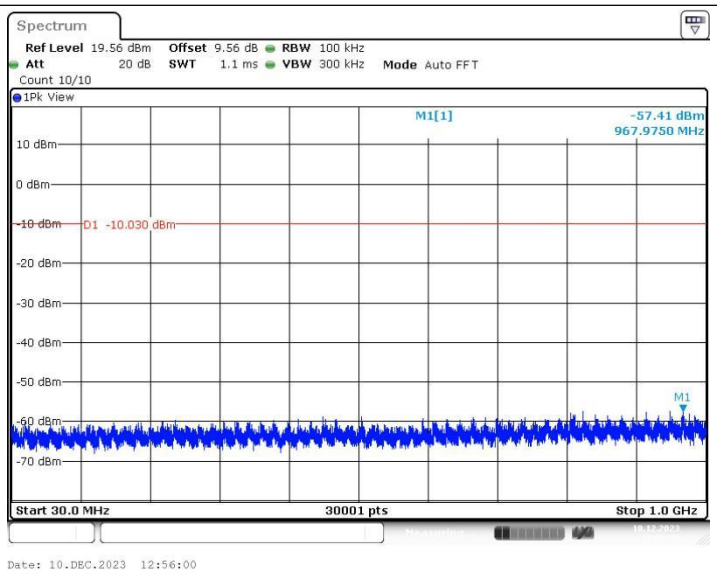

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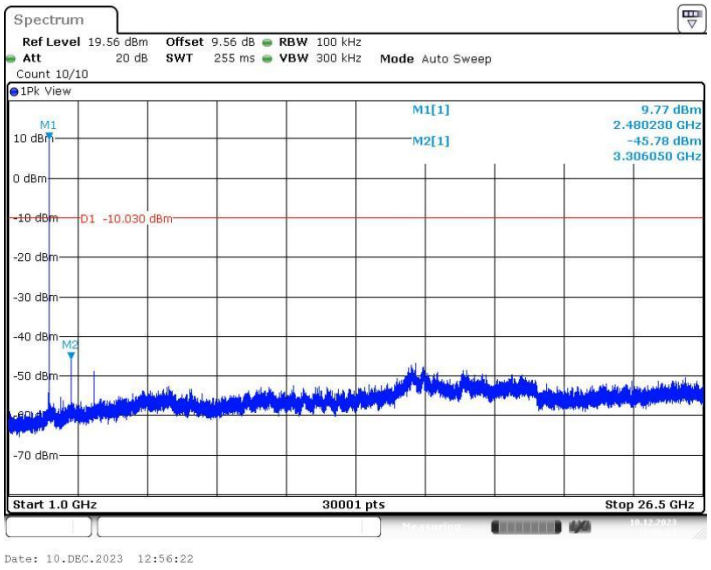


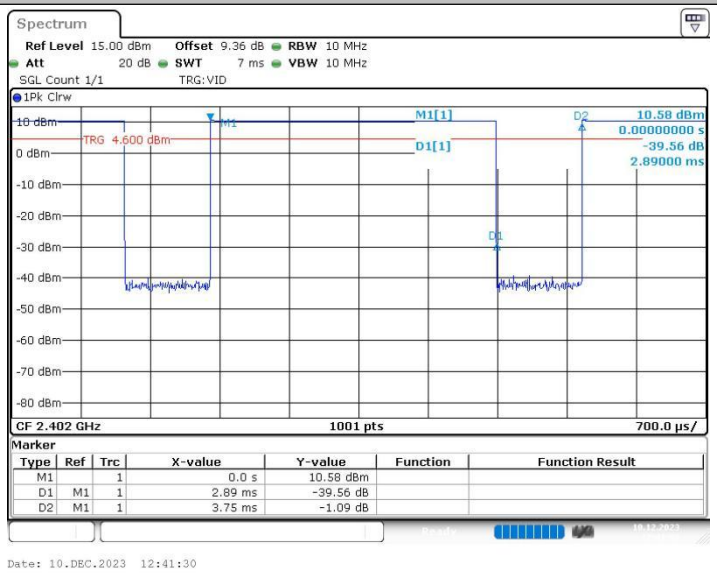
Appendix I: Duty Cycle

Test Result

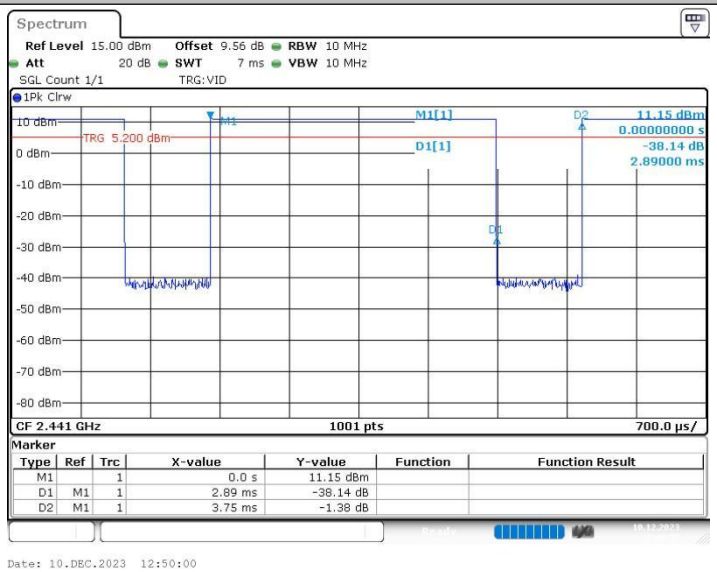
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.89	3.75	77.07	1.13	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.89	3.75	77.07	1.13	---	---
3DH5	Ant1	2402	2.89	3.75	77.07	1.13	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.90	3.75	77.33	1.12	---	---

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



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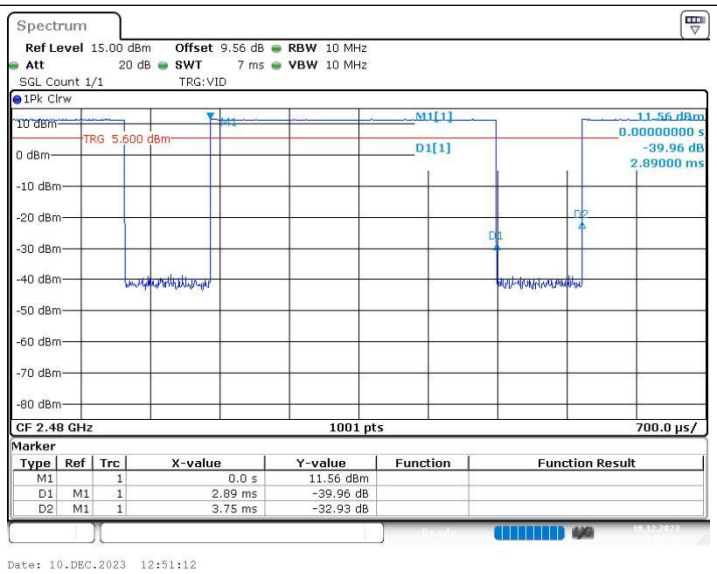

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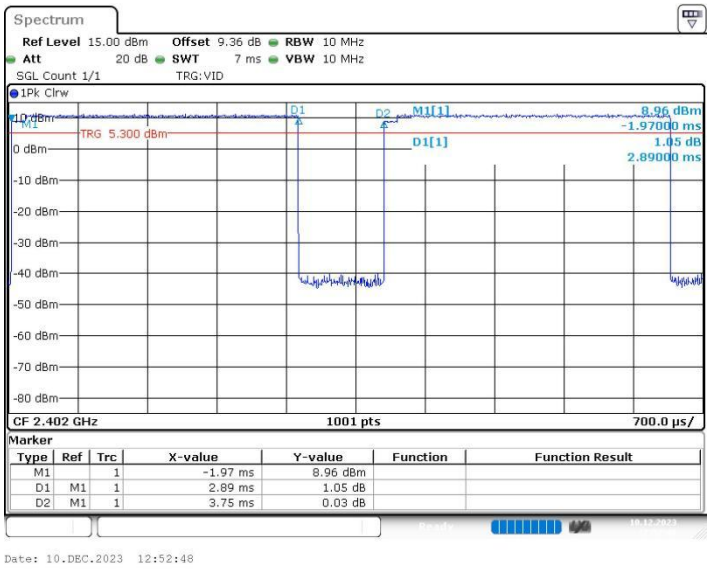

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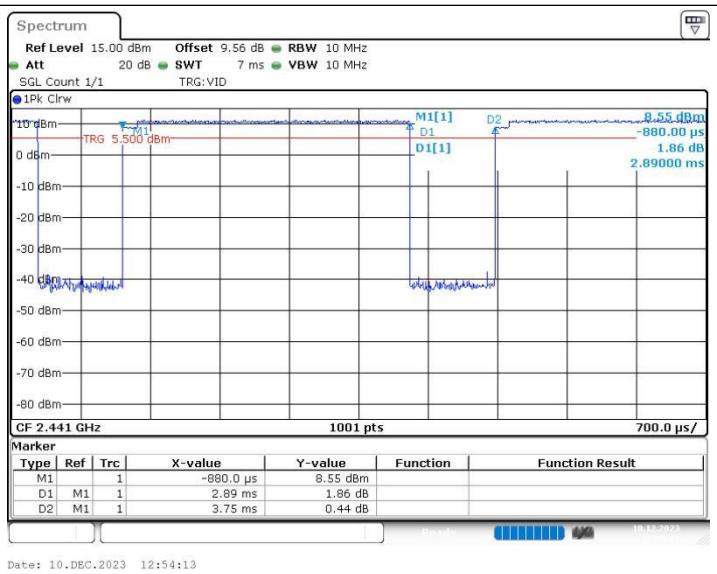
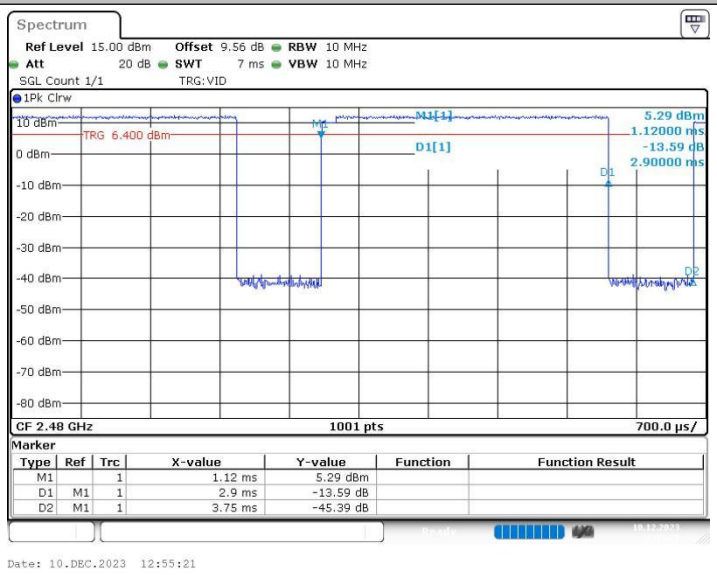
3DH5_Ant1_2480