



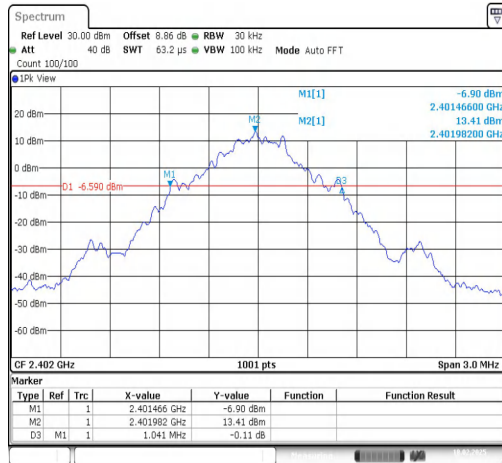
Appendix A: 20dB Emission Bandwidth

Test Result

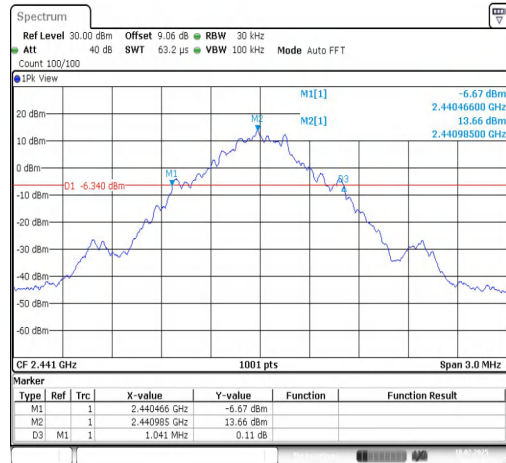
Test Mode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.04	2401.47	2402.51	---	---
DH5	Ant1	2441	1.04	2440.47	2441.51	---	---
DH5	Ant1	2480	1.04	2479.47	2480.51	---	---
2DH5	Ant1	2402	1.29	2401.36	2402.64	---	---
2DH5	Ant1	2441	1.29	2440.36	2441.64	---	---
2DH5	Ant1	2480	1.29	2479.36	2480.64	---	---
3DH5	Ant1	2402	1.28	2401.34	2402.62	---	---
3DH5	Ant1	2441	1.28	2440.35	2441.62	---	---
3DH5	Ant1	2480	1.28	2479.34	2480.63	---	---



Test Graphs



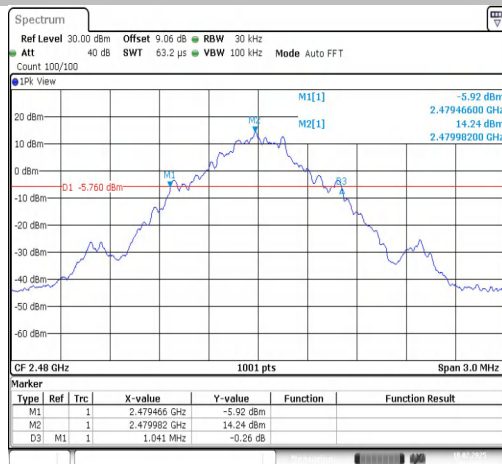
Date: 18.FEB.2025 15:28:45



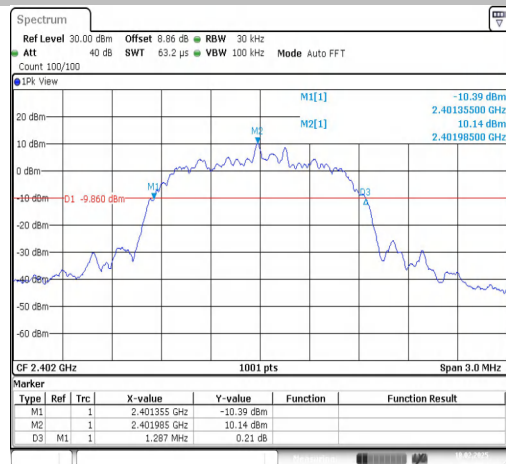
Date: 18.FEB.2025 15:33:11

DH5-Ant1-2402

DH5-Ant1-2441



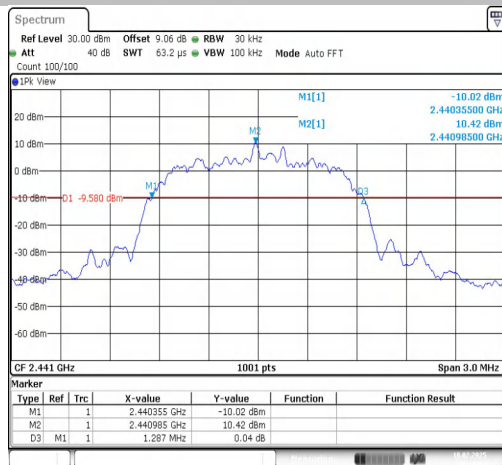
Date: 18.FEB.2025 15:34:52



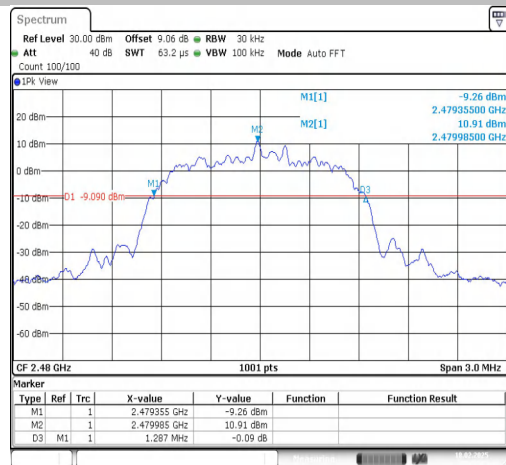
Date: 18.FEB.2025 15:36:58

DH5-Ant1-2480

2DH5-Ant1-2402



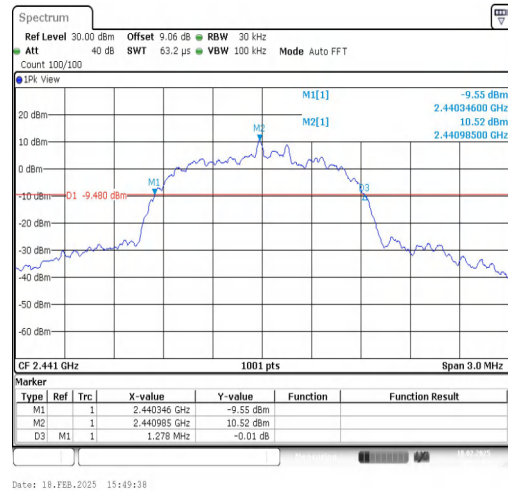
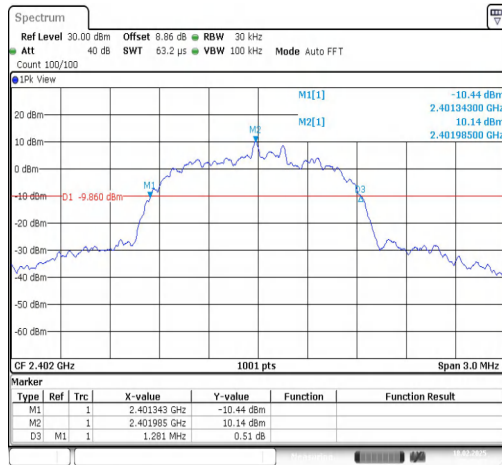
Date: 18.FEB.2025 15:39:04



Date: 18.FEB.2025 15:40:52

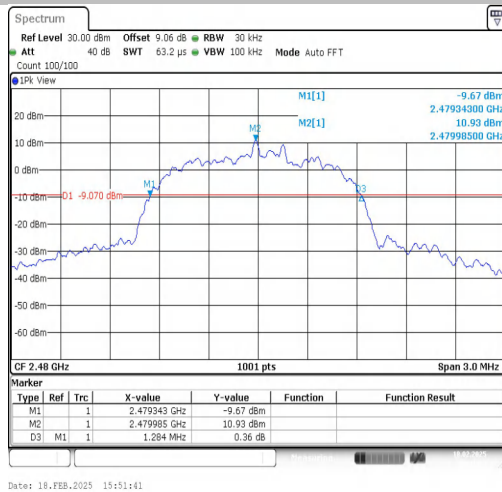
2DH5-Ant1-2441

2DH5-Ant1-2480



3DH5-Ant1-2402

3DH5-Ant1-2441



3DH5-Ant1-2480



Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.947	2401.5145	2402.4615	---	---
DH5	Ant1	2441	0.95	2440.5115	2441.4615	---	---
DH5	Ant1	2480	0.947	2479.5145	2480.4615	---	---
2DH5	Ant1	2402	1.178	2401.3976	2402.5754	---	---
2DH5	Ant1	2441	1.178	2440.3976	2441.5754	---	---
2DH5	Ant1	2480	1.178	2479.3976	2480.5754	---	---
3DH5	Ant1	2402	1.181	2401.3976	2402.5784	---	---
3DH5	Ant1	2441	1.181	2440.3976	2441.5784	---	---
3DH5	Ant1	2480	1.178	2479.3976	2480.5754	---	---



Test Graphs



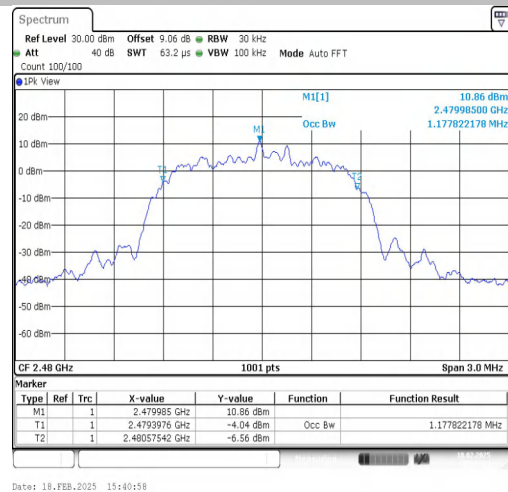
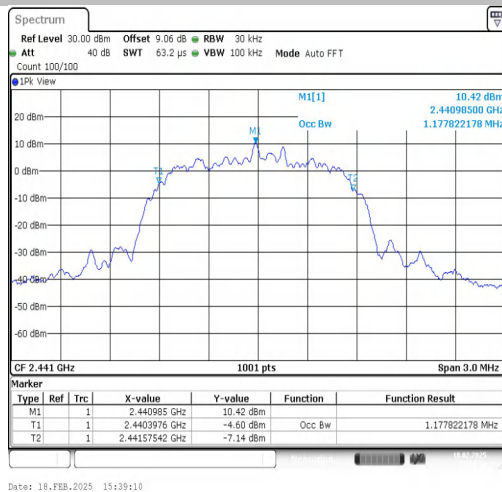
DH5-Ant1-2402

DH5-Ant1-2441



DH5-Ant1-2480

2DH5-Ant1-2402



2DH5-Ant1-2441

2DH5-Ant1-2480



3DH5-Ant1-2402

3DH5-Ant1-2441



3DH5-Ant1-2480



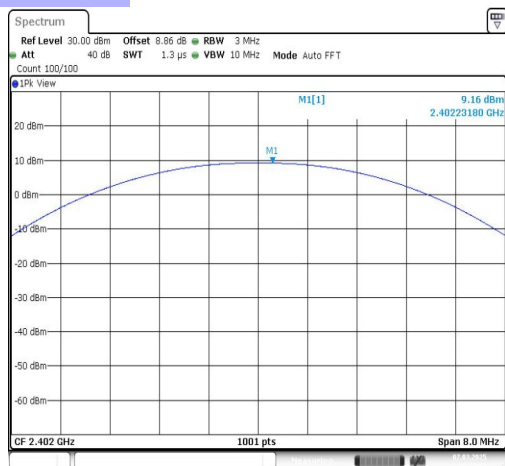
Appendix C: Maximum conducted output power

Test Result Peak

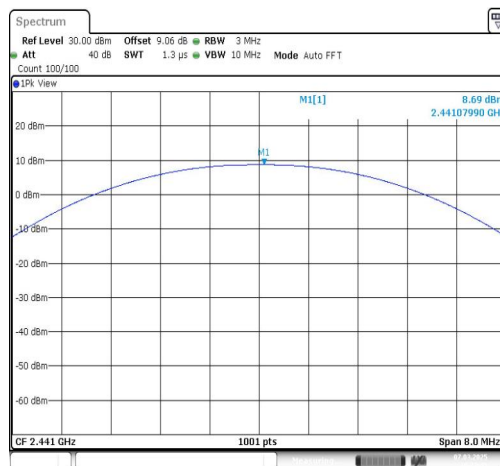
Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Powe Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
DH5	Ant1	2402	9.16	≤20.97	-3.33	5.83	≤36	PASS
DH5	Ant1	2441	8.69	≤20.97	-3.33	5.36	≤36	PASS
DH5	Ant1	2480	8.49	≤20.97	-3.33	5.16	≤36	PASS
2DH5	Ant1	2402	9.54	≤20.97	-3.33	6.21	≤36	PASS
2DH5	Ant1	2441	8.84	≤20.97	-3.33	5.51	≤36	PASS
2DH5	Ant1	2480	8.72	≤20.97	-3.33	5.39	≤36	PASS
3DH5	Ant1	2402	8.96	≤20.97	-3.33	5.63	≤36	PASS
3DH5	Ant1	2441	8.44	≤20.97	-3.33	5.11	≤36	PASS
3DH5	Ant1	2480	8.24	≤20.97	-3.33	4.91	≤36	PASS



Test Graphs



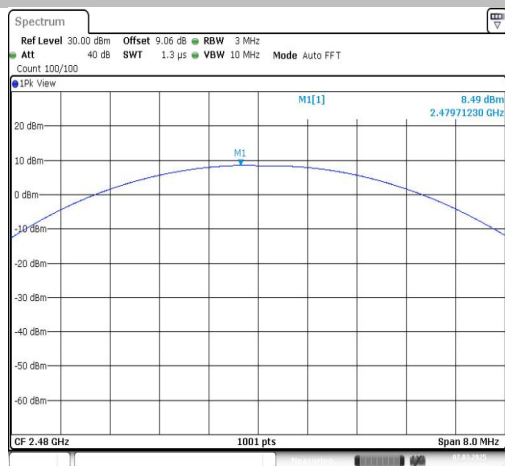
Date: 7.MAR.2025 10:22:51



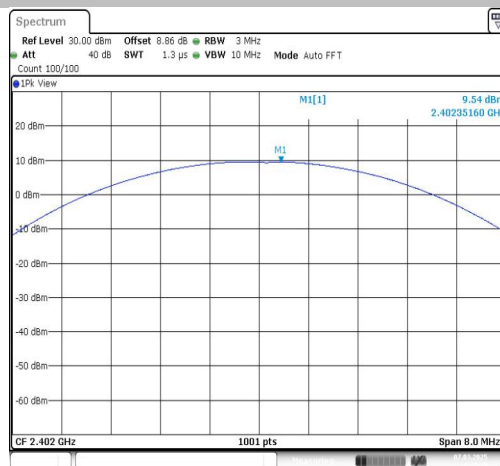
Date: 7.MAR.2025 10:23:42

DH5-Ant1-2402-PASS

DH5-Ant1-2441-PASS



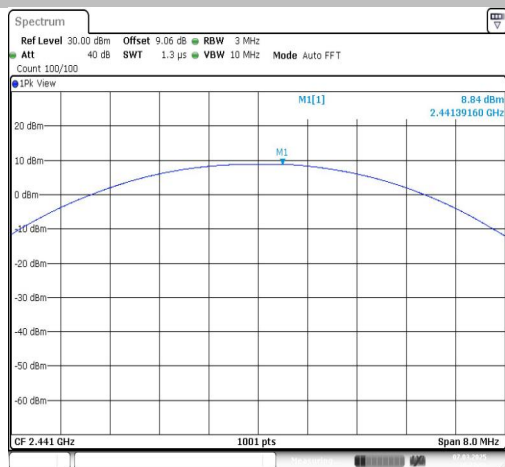
Date: 7.MAR.2025 10:26:28



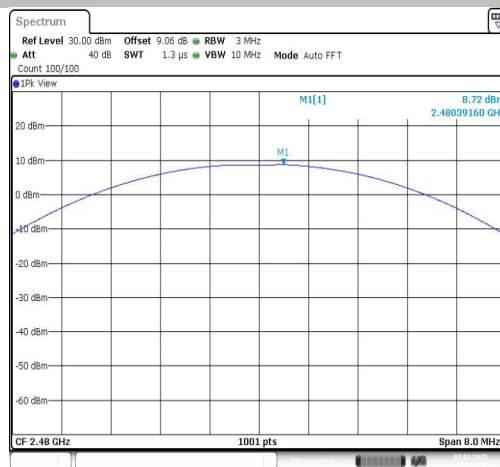
Date: 7.MAR.2025 10:27:37

DH5-Ant1-2480-PASS

2DH5-Ant1-2402-PASS



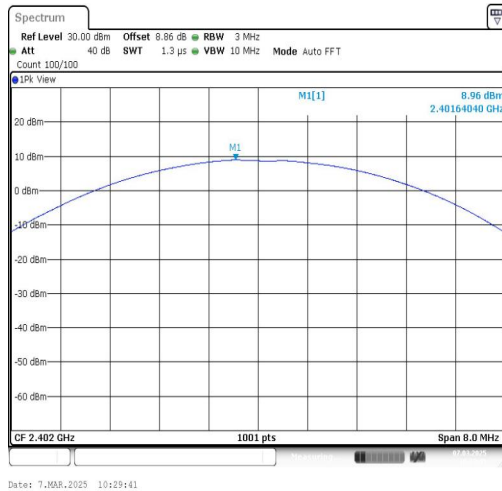
Date: 7.MAR.2025 10:27:59



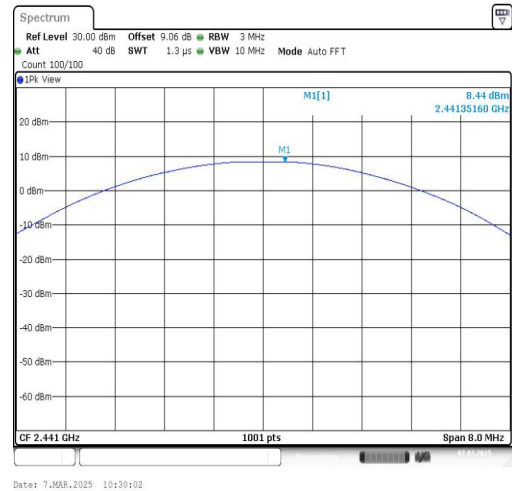
Date: 7.MAR.2025 10:28:28

2DH5-Ant1-2441-PASS

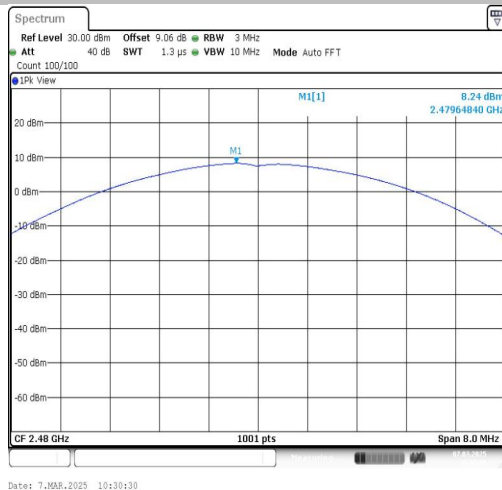
2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



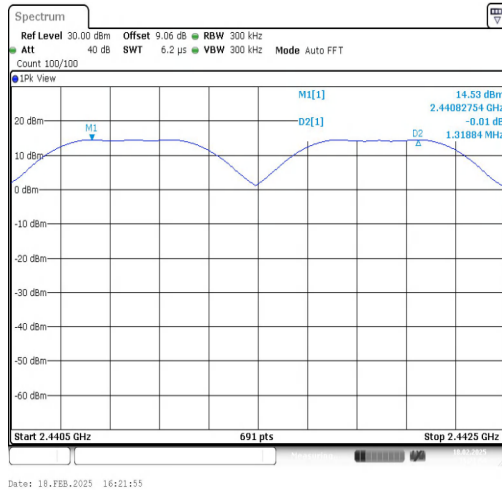
Appendix D: Carrier frequency separation

Test Result

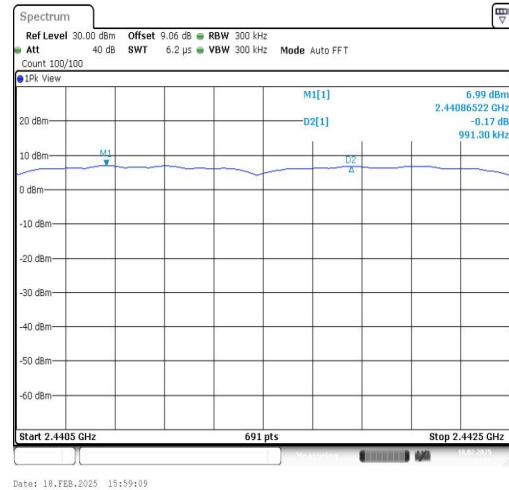
Test Mode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.319	≥ 1.040	PASS
2DH5	Ant1	Hop	0.991	≥ 0.860	PASS
3DH5	Ant1	Hop	1.275	≥ 0.853	PASS



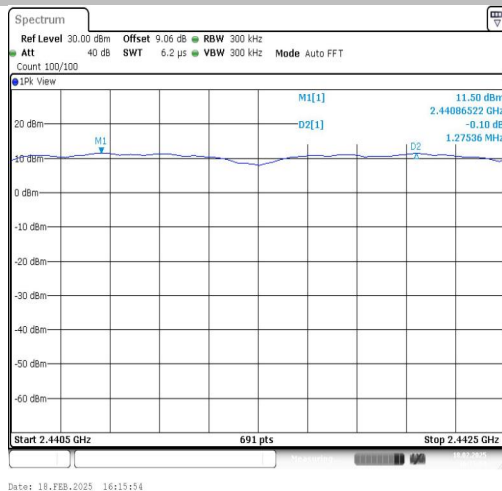
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



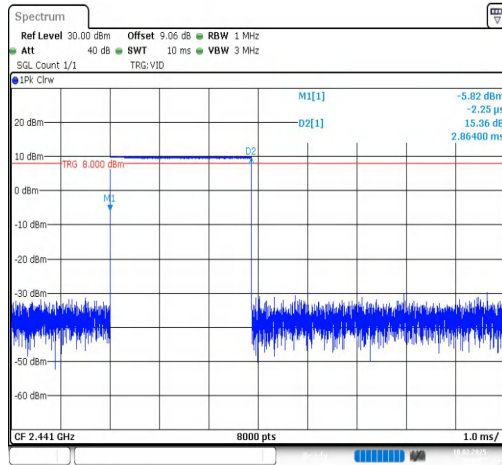
Appendix E: Time of occupancy

Test Result

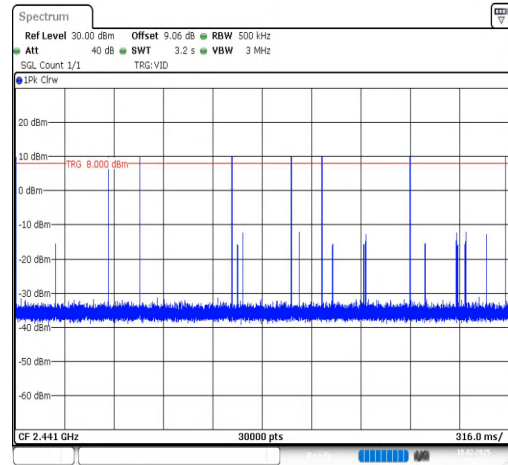
Test Mode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	2.864	80	0.229	≤0.4	PASS
DH3	Ant1	Hop	2.864	110	0.315	≤0.4	PASS
DH5	Ant1	Hop	2.864	100	0.286	≤0.4	PASS
2DH1	Ant1	Hop	2.869	80	0.23	≤0.4	PASS
2DH3	Ant1	Hop	2.869	60	0.172	≤0.4	PASS
2DH5	Ant1	Hop	2.869	100	0.287	≤0.4	PASS
3DH1	Ant1	Hop	2.869	90	0.258	≤0.4	PASS
3DH3	Ant1	Hop	2.870	120	0.344	≤0.4	PASS
3DH5	Ant1	Hop	2.869	100	0.287	≤0.4	PASS



Test Graphs



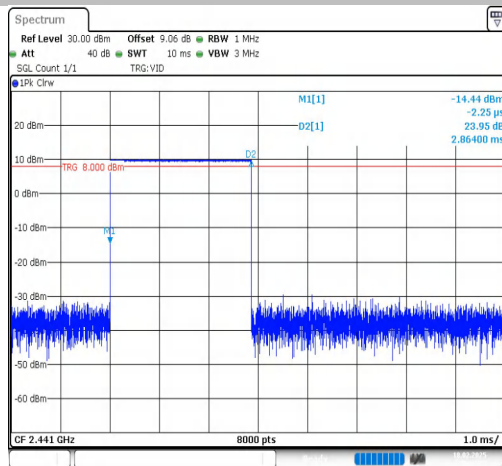
Date: 18.FEB.2025 15:57:03



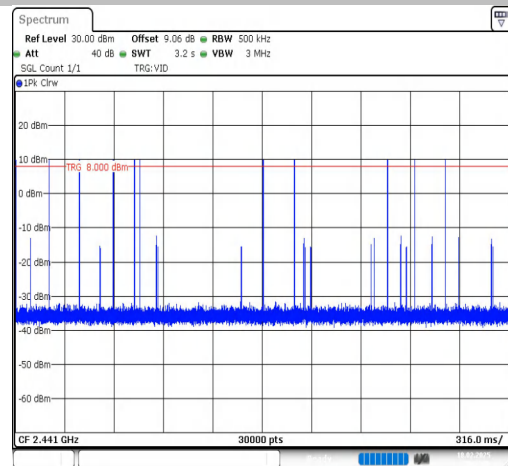
Date: 18.FEB.2025 15:57:09

DH1-Ant1-Hop-PASS

DH1-Ant1-Hop-PASS



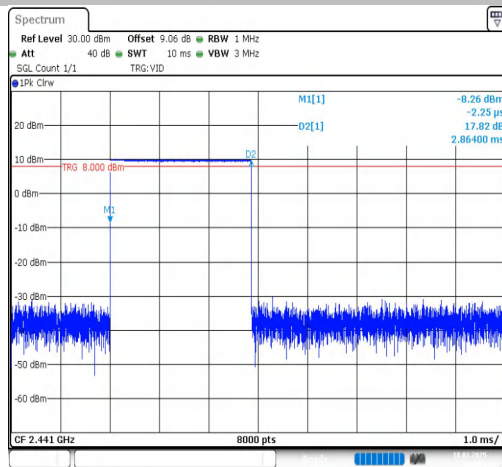
Date: 18.FEB.2025 15:57:31



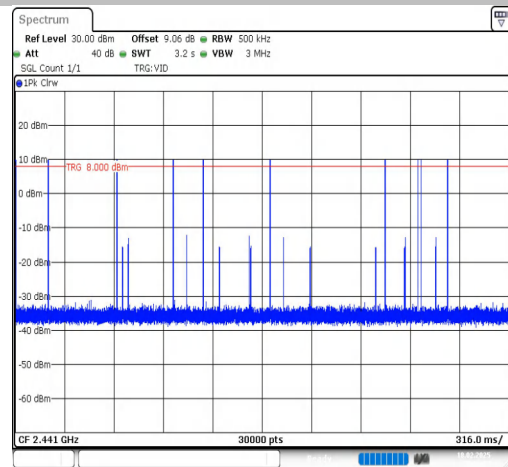
Date: 18.FEB.2025 15:57:37

DH3-Ant1-Hop-PASS

DH3-Ant1-Hop-PASS



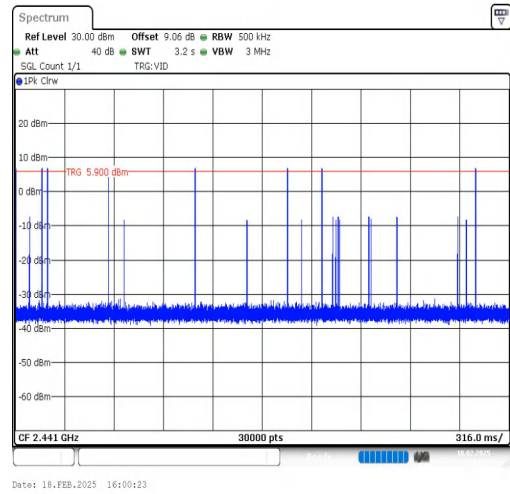
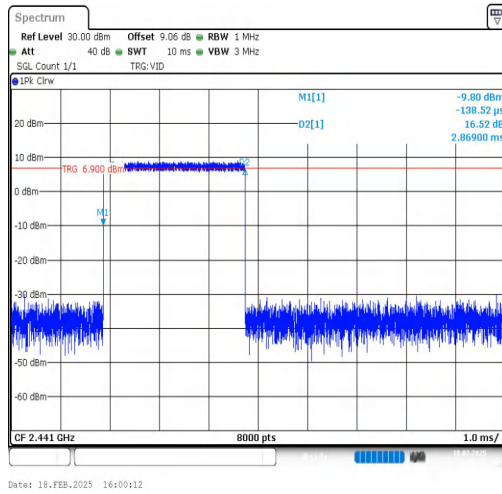
Date: 18.FEB.2025 15:56:26



Date: 18.FEB.2025 15:56:31

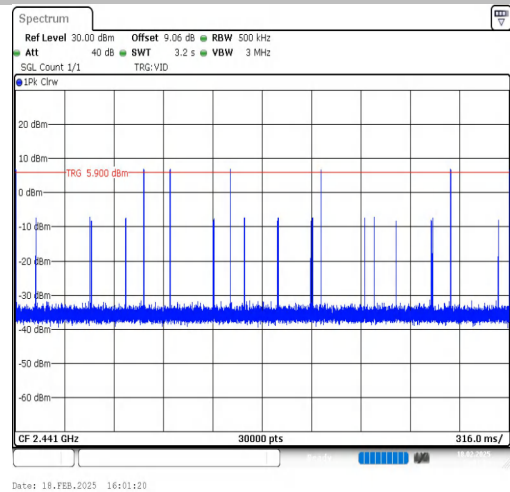
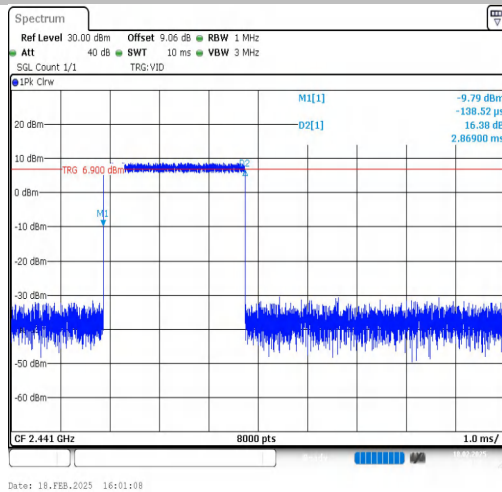
DH5-Ant1-Hop-PASS

DH5-Ant1-Hop-PASS



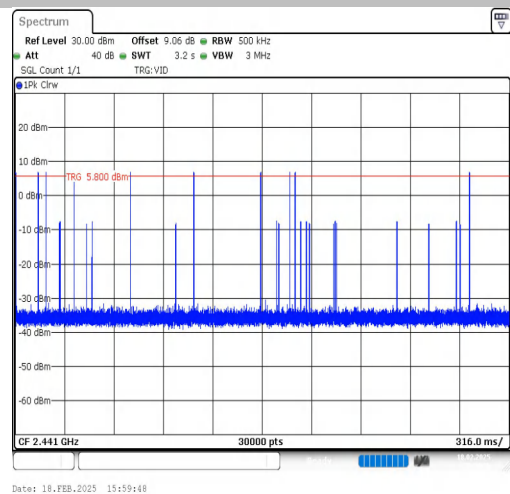
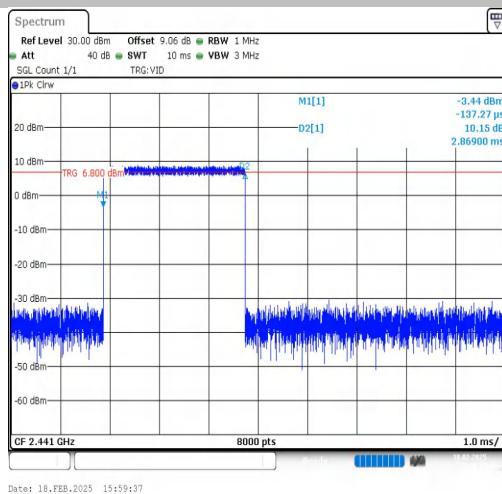
2DH1-Ant1-Hop-PASS

2DH1-Ant1-Hop-PASS



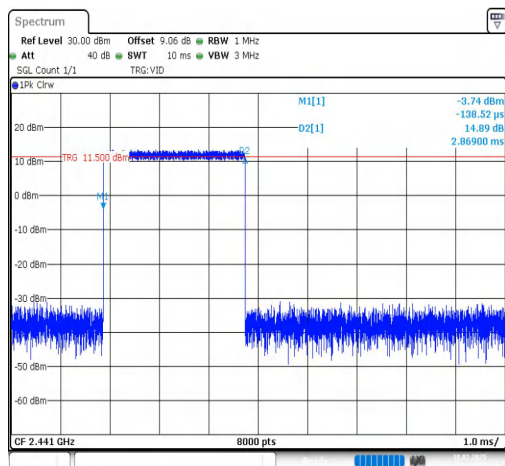
2DH3-Ant1-Hop-PASS

2DH3-Ant1-Hop-PASS

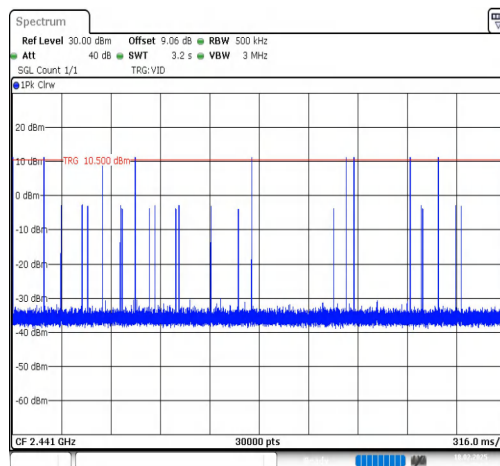


2DH5-Ant1-Hop-PASS

2DH5-Ant1-Hop-PASS



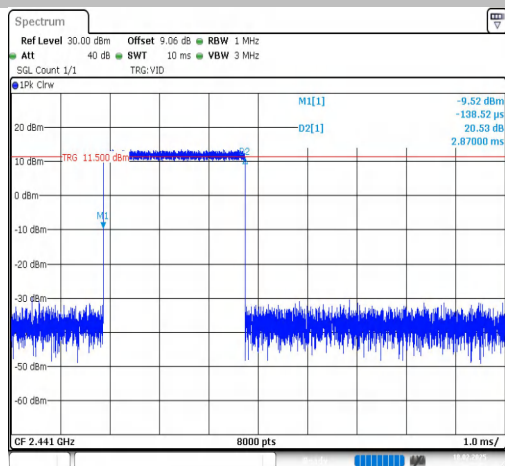
Date: 18.FEB.2025 16:16:56



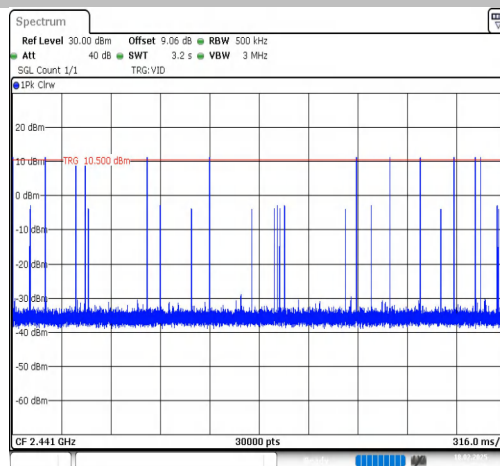
Date: 18.FEB.2025 16:17:07

3DH1-Ant1-Hop-PASS

3DH1-Ant1-Hop-PASS



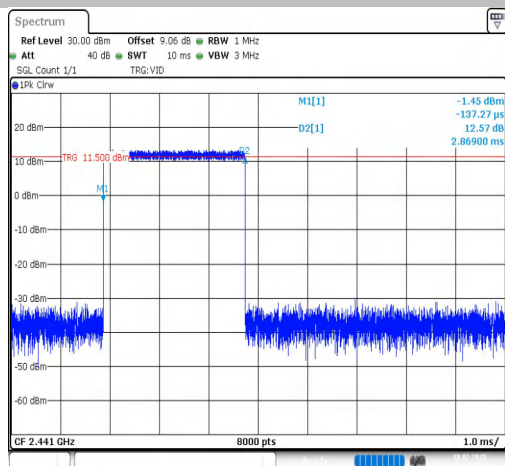
Date: 18.FEB.2025 16:17:28



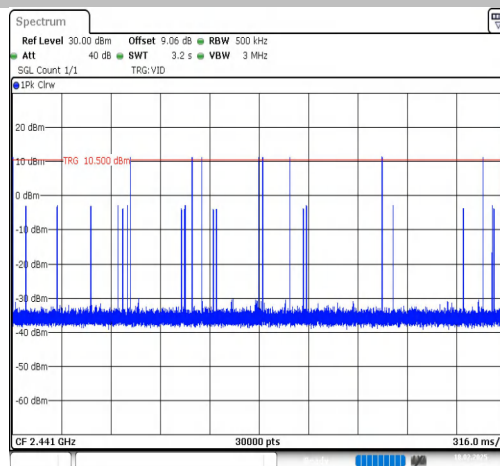
Date: 18.FEB.2025 16:17:40

3DH3-Ant1-Hop-PASS

3DH3-Ant1-Hop-PASS



Date: 18.FEB.2025 16:16:21



Date: 18.FEB.2025 16:16:32

3DH5-Ant1-Hop-PASS

3DH5-Ant1-Hop-PASS



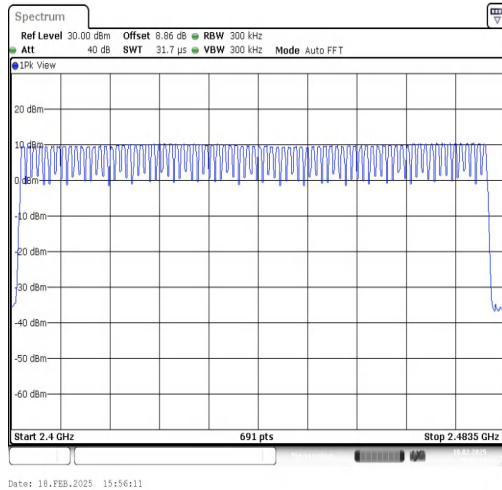
Appendix F: Number of hopping channels

Test Result

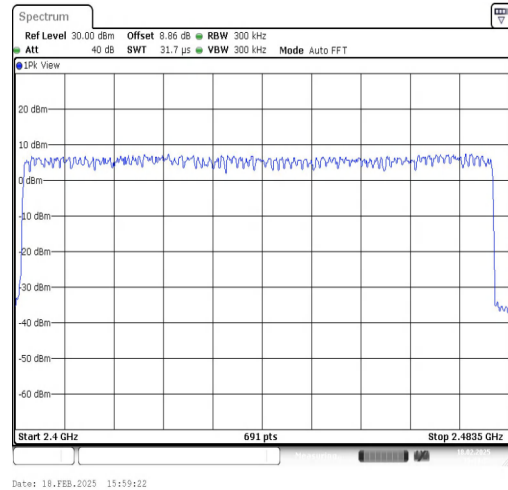
Test Mode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



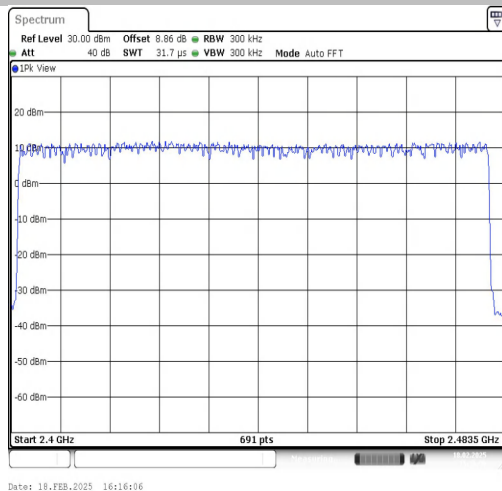
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



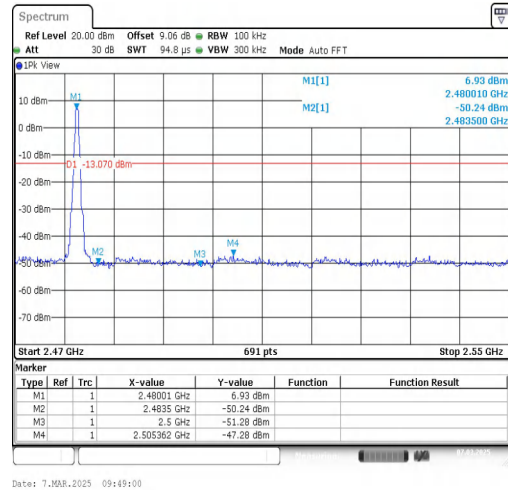
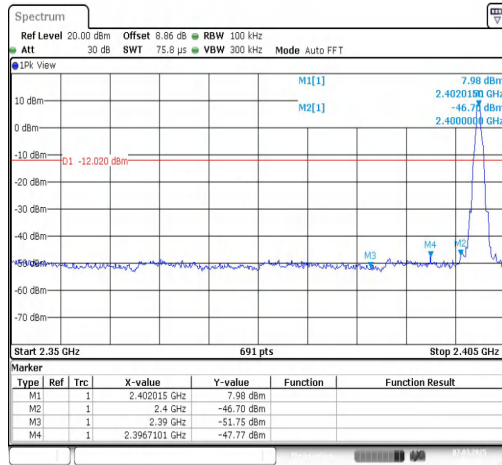
Appendix G: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Freq(MHz)	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	7.98	-47.77	≤ -12.02	PASS
DH5	Ant1	High	2480	6.93	-47.28	≤ -13.07	PASS
DH5	Ant1	Low	Hop_2402	10.40	-47.69	≤ -9.6	PASS
DH5	Ant1	High	Hop_2480	10.57	-47.35	≤ -9.43	PASS
2DH5	Ant1	Low	2402	4.91	-47.05	≤ -15.09	PASS
2DH5	Ant1	High	2480	3.76	-46.48	≤ -16.24	PASS
2DH5	Ant1	Low	Hop_2402	9.42	-45.94	≤ -10.58	PASS
2DH5	Ant1	High	Hop_2480	11.06	-46.6	≤ -8.94	PASS
3DH5	Ant1	Low	2402	4.75	-48	≤ -15.25	PASS
3DH5	Ant1	High	2480	11.90	-46.87	≤ -8.1	PASS
3DH5	Ant1	Low	Hop_2402	10.76	-45.67	≤ -9.24	PASS
3DH5	Ant1	High	Hop_2480	11.26	-46.98	≤ -8.74	PASS

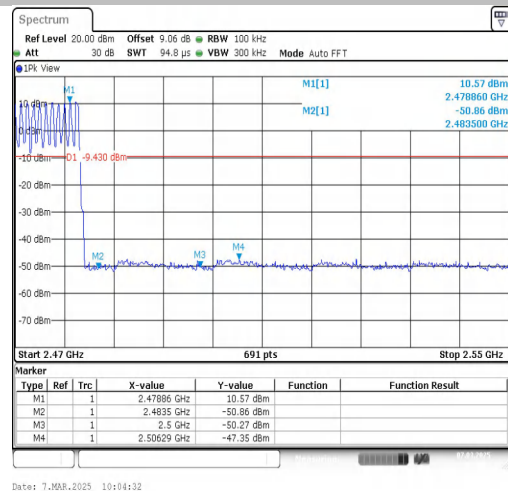
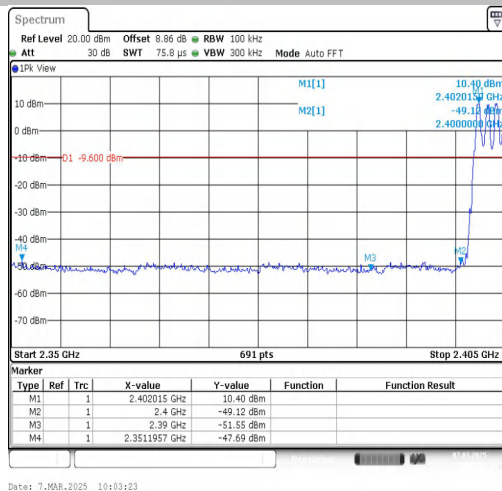


Test Graphs



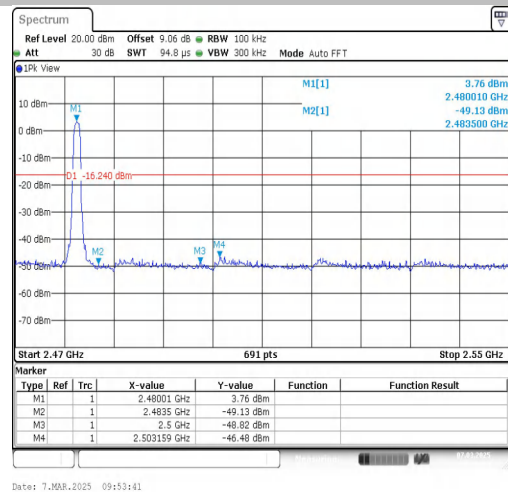
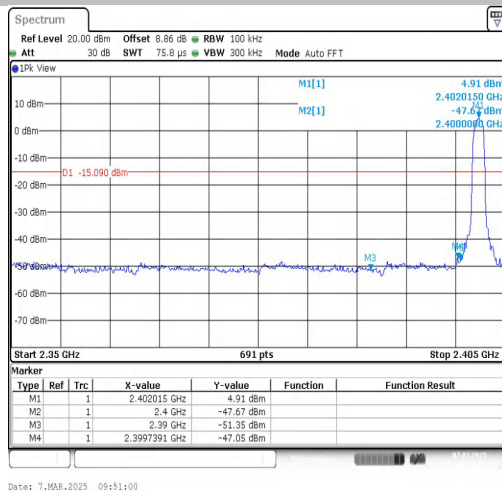
DH5-Ant1-2402-PASS

DH5-Ant1-2480-PASS



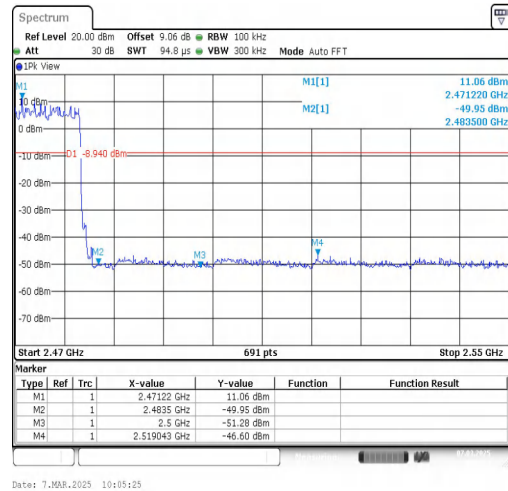
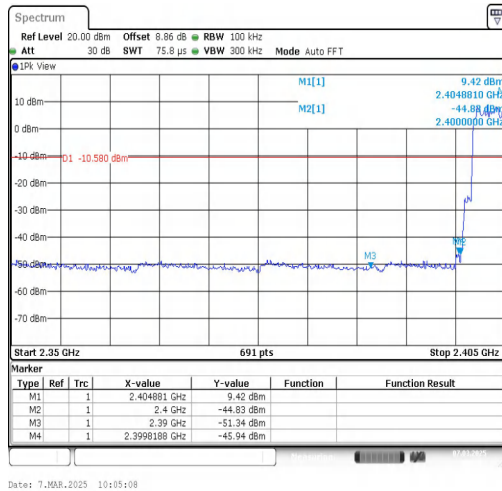
DH5-Ant1-Hop_2402-PASS

DH5-Ant1-Hop_2480-PASS

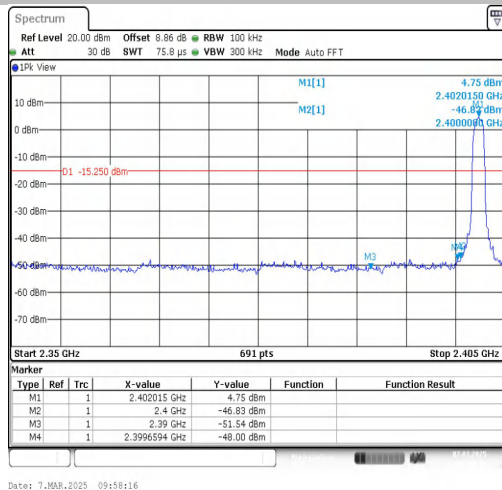


2DH5-Ant1-2402-PASS

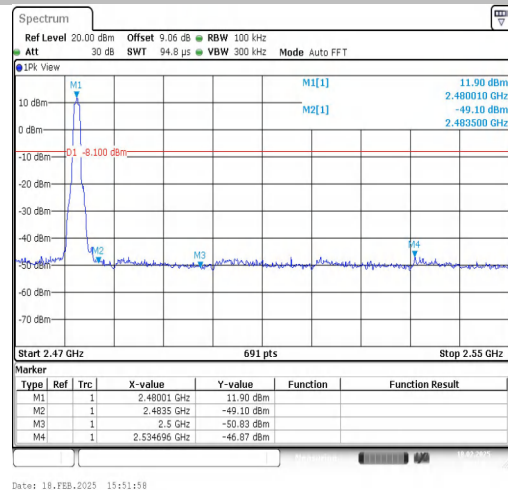
2DH5-Ant1-2480-PASS



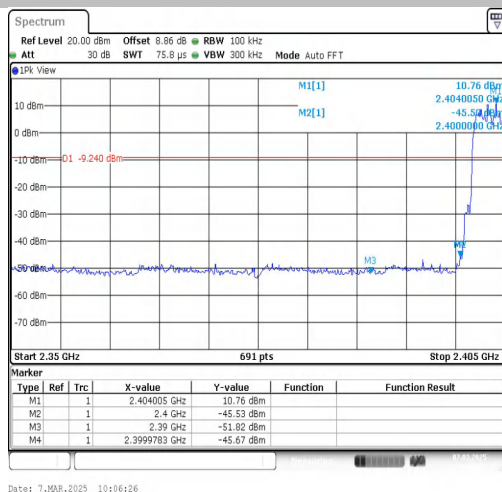
2DH5-Ant1-Hop_2402-PASS



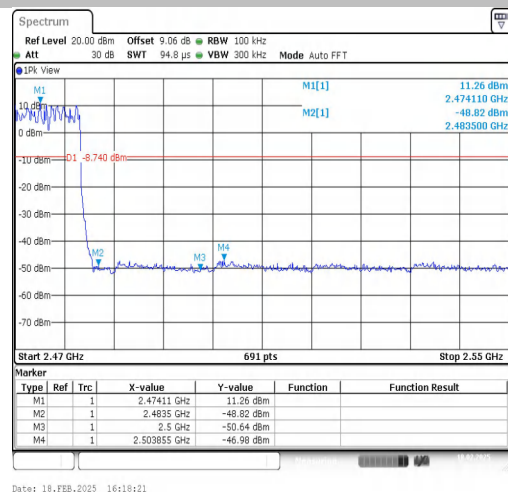
2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS

3DH5-Ant1-Hop_2480-PASS



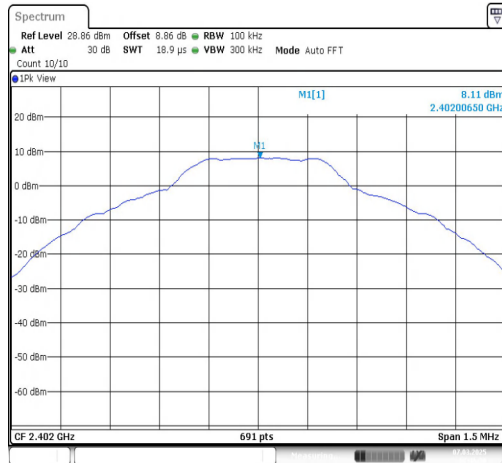
Appendix H: Conducted Spurious Emission

Test Result

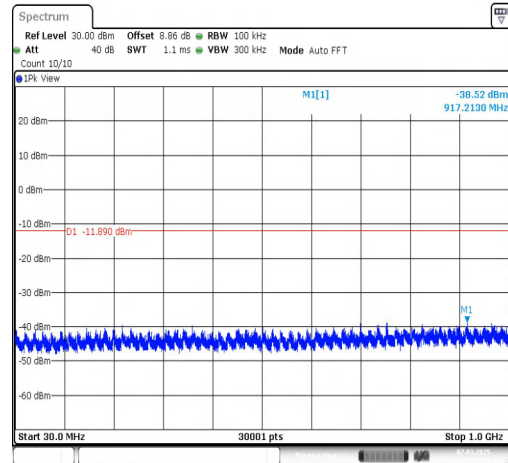
Test Mode	Antenna	Freq(MHz)	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	8.11	8.11	---	PASS
DH5	Ant1	2402	30~1000	8.11	-38.52	≤-11.89	PASS
DH5	Ant1	2402	1000~26500	8.11	-27.2	≤-11.89	PASS
DH5	Ant1	2441	0~Reference	7.32	7.32	---	PASS
DH5	Ant1	2441	30~1000	7.32	-38.4	≤-12.68	PASS
DH5	Ant1	2441	1000~26500	7.32	-27.42	≤-12.68	PASS
DH5	Ant1	2480	0~Reference	6.95	6.95	---	PASS
DH5	Ant1	2480	30~1000	6.95	-38.49	≤-13.05	PASS
DH5	Ant1	2480	1000~26500	6.95	-27.47	≤-13.05	PASS
2DH5	Ant1	2402	0~Reference	4.90	4.90	---	PASS
2DH5	Ant1	2402	30~1000	4.90	-38.66	≤-15.1	PASS
2DH5	Ant1	2402	1000~26500	4.90	-27.29	≤-15.1	PASS
2DH5	Ant1	2441	0~Reference	4.16	4.16	---	PASS
2DH5	Ant1	2441	30~1000	4.16	-38.47	≤-15.84	PASS
2DH5	Ant1	2441	1000~26500	4.16	-27.43	≤-15.84	PASS
2DH5	Ant1	2480	0~Reference	3.78	3.78	---	PASS
2DH5	Ant1	2480	30~1000	3.78	-39.18	≤-16.22	PASS
2DH5	Ant1	2480	1000~26500	3.78	-27.74	≤-16.22	PASS
3DH5	Ant1	2402	0~Reference	4.80	4.80	---	PASS
3DH5	Ant1	2402	30~1000	4.80	-38.22	≤-15.2	PASS
3DH5	Ant1	2402	1000~26500	4.80	-27.9	≤-15.2	PASS
3DH5	Ant1	2441	0~Reference	4.07	4.07	---	PASS
3DH5	Ant1	2441	30~1000	4.07	-38.38	≤-15.93	PASS
3DH5	Ant1	2441	1000~26500	4.07	-25.94	≤-15.93	PASS
3DH5	Ant1	2480	0~Reference	3.73	3.73	---	PASS
3DH5	Ant1	2480	30~1000	3.73	-38.52	≤-16.27	PASS
3DH5	Ant1	2480	1000~26500	3.73	-27.57	≤-16.27	PASS



Test Graphs



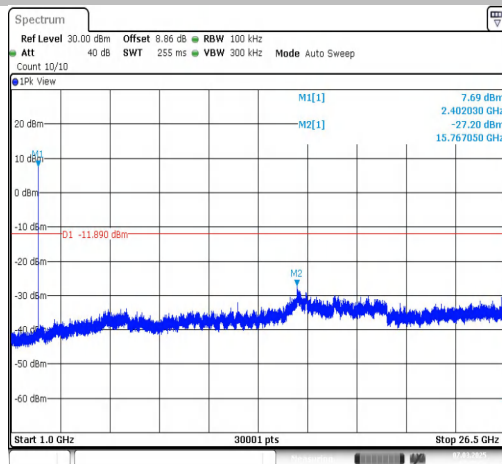
Date: 7_MAR_2025 09:46:20



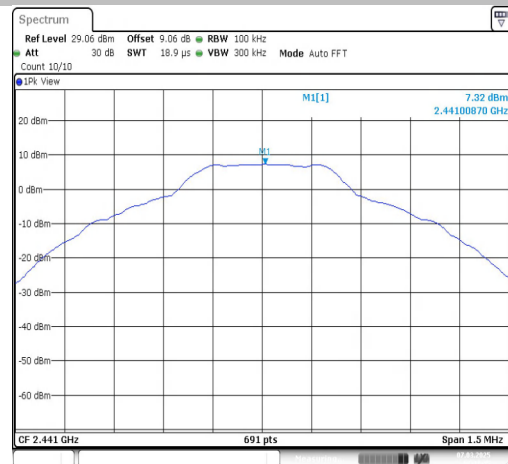
Date: 7_MAR_2025 09:46:32

DH5-Ant1-2402-0~Reference-PASS

DH5-Ant1-2402-30~1000-PASS



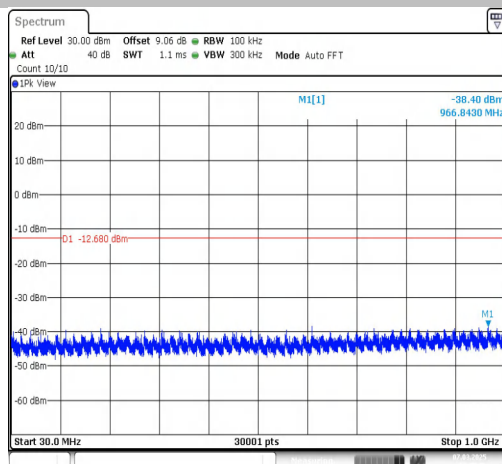
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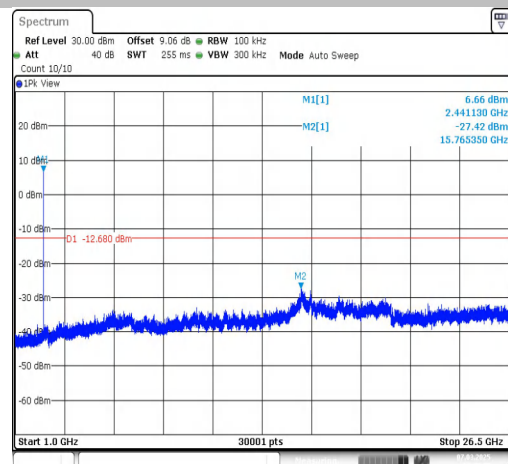
Date: 7_MAR_2025 09:47:45

DH5-Ant1-2402-1000~26500-PASS

DH5-Ant1-2441-0~Reference-PASS



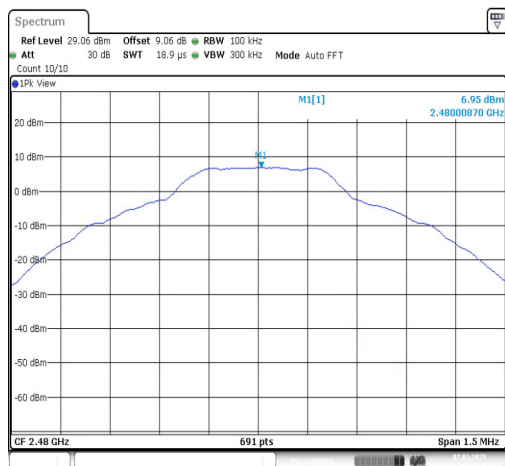
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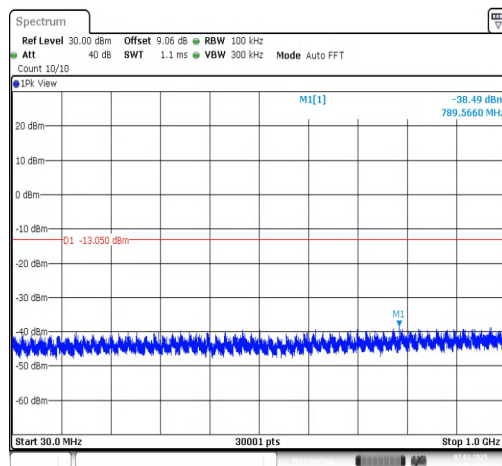
Date: 7_MAR_2025 09:48:33

DH5-Ant1-2441-30~1000-PASS

DH5-Ant1-2441-1000~26500-PASS



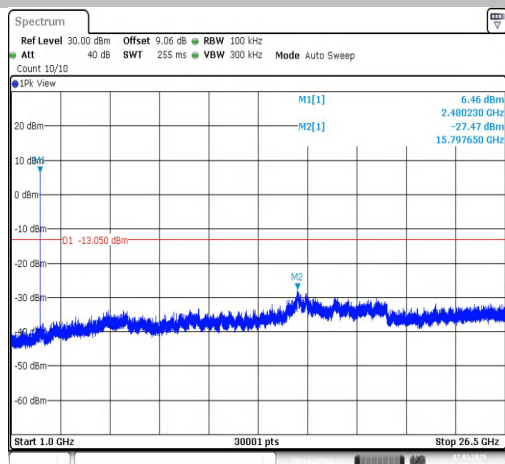
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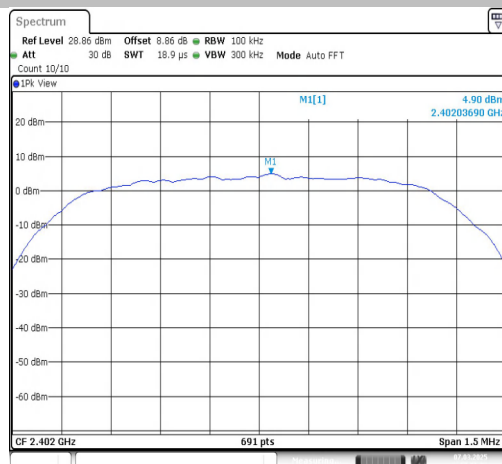
Date: 7.MAR.2025 09:49:19

DH5-Ant1-2480-0~Reference-PASS

DH5-Ant1-2480-30~1000-PASS



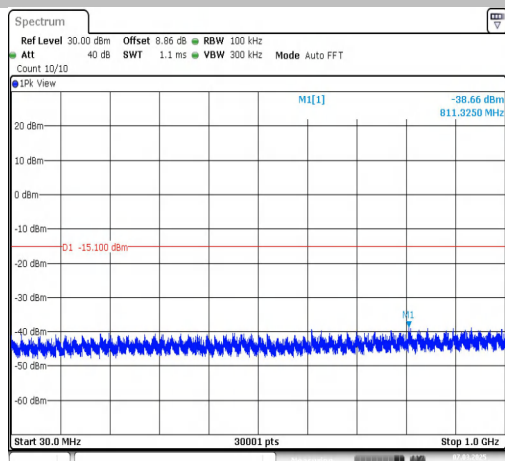
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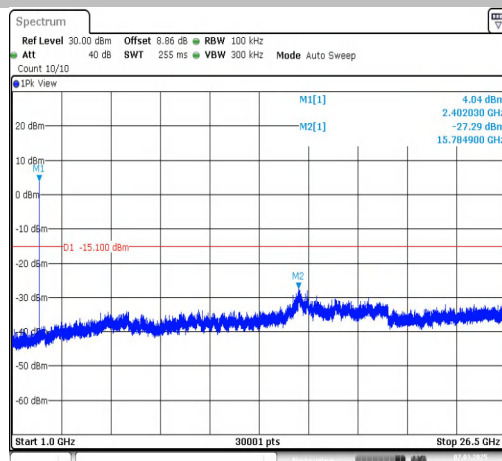
Date: 7.MAR.2025 09:51:08

DH5-Ant1-2480-1000~26500-PASS

2DH5-Ant1-2402-0~Reference-PASS



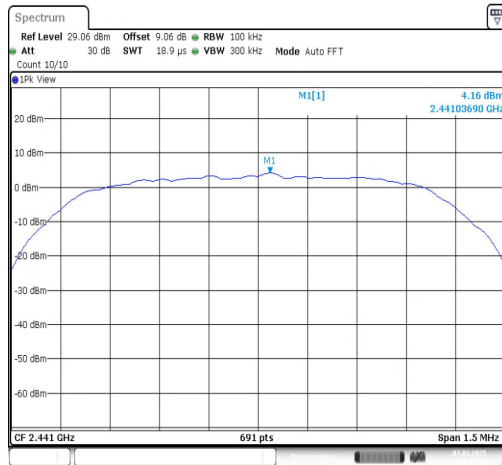
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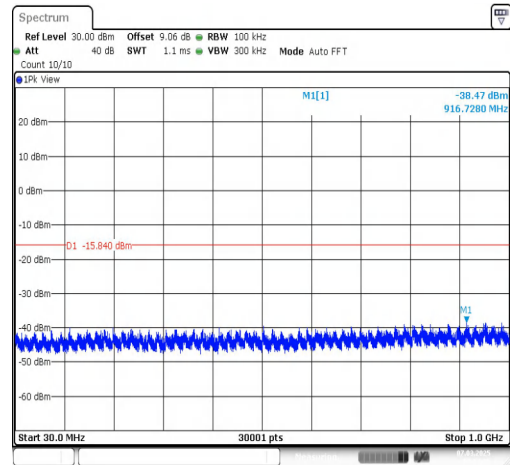
Date: 7.MAR.2025 09:51:56

2DH5-Ant1-2402-30~1000-PASS

2DH5-Ant1-2402-1000~26500-PASS



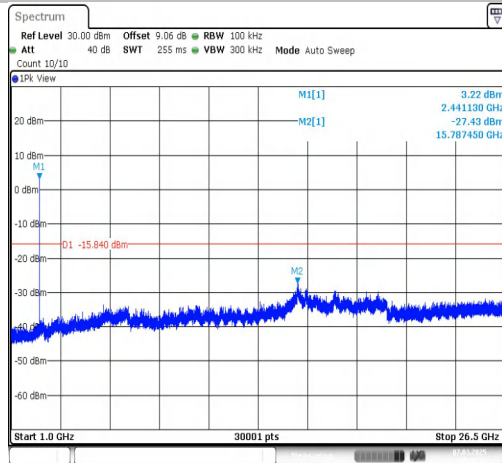
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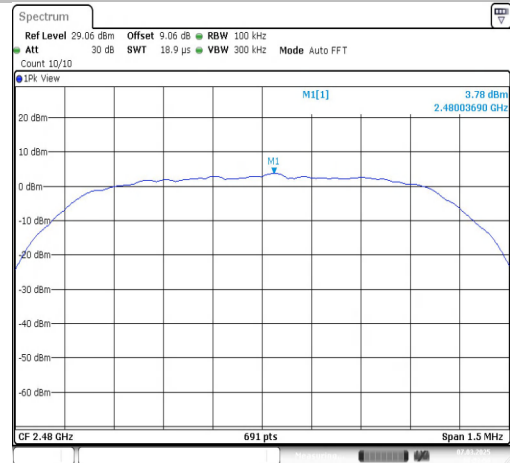
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2DH5-Ant1-2441-0~Reference-PASS

2DH5-Ant1-2441-30~1000-PASS



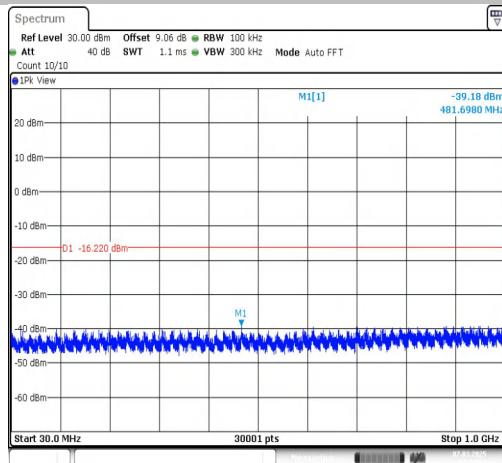
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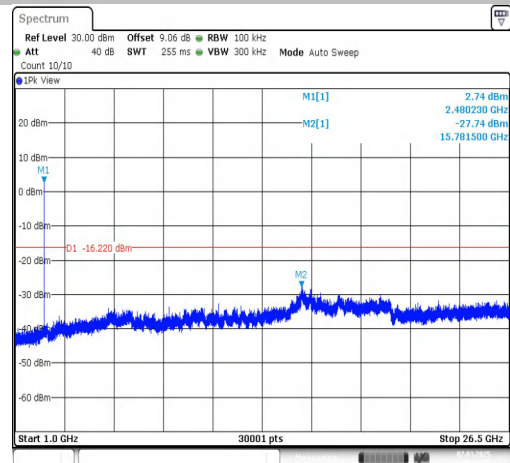
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2DH5-Ant1-2441-1000~26500-PASS

2DH5-Ant1-2480-0~Reference-PASS



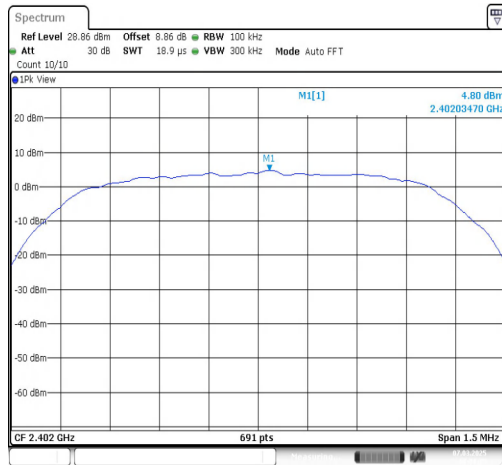
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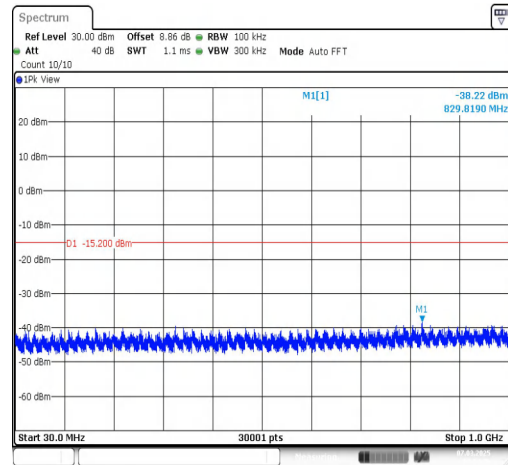
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2DH5-Ant1-2480-30~1000-PASS

2DH5-Ant1-2480-1000~26500-PASS



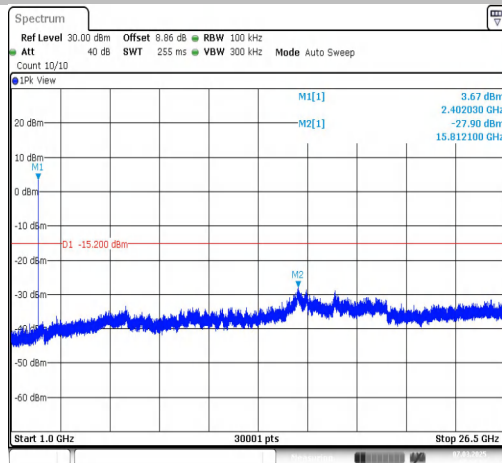
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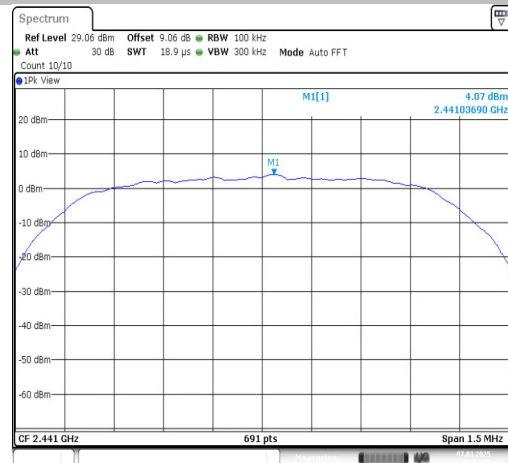
Date: 7.MAR.2025 09:58:36

3DH5-Ant1-2402-0~Reference-PASS

3DH5-Ant1-2402-30~1000-PASS



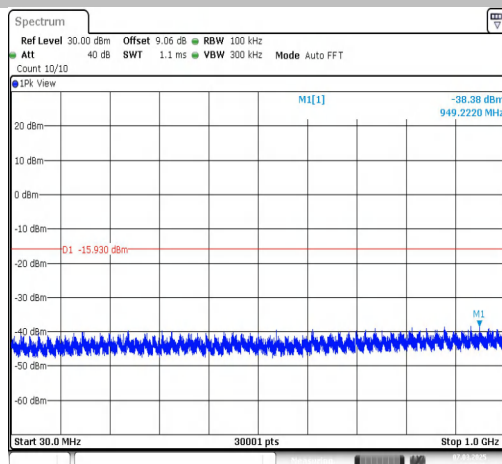
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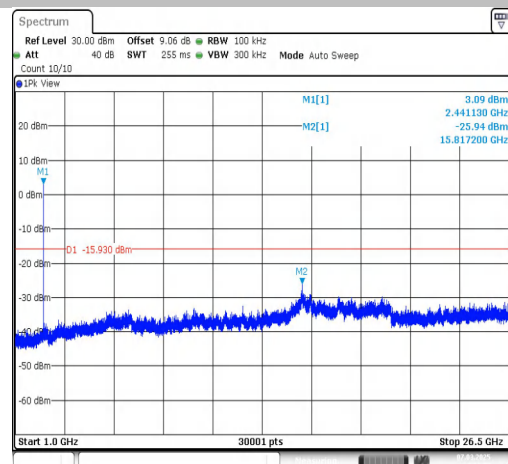
Date: 7.MAR.2025 10:00:37

3DH5-Ant1-2402-1000~26500-PASS

3DH5-Ant1-2441-0~Reference-PASS



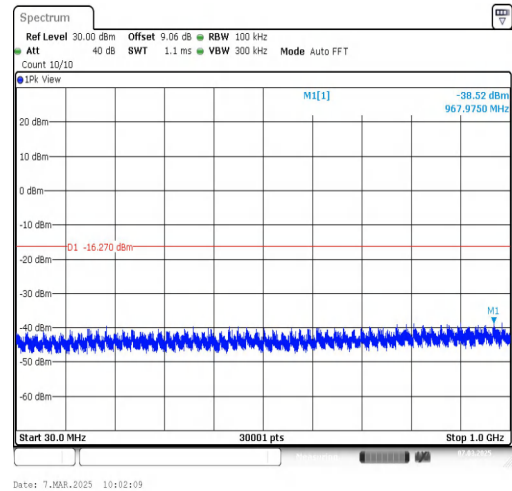
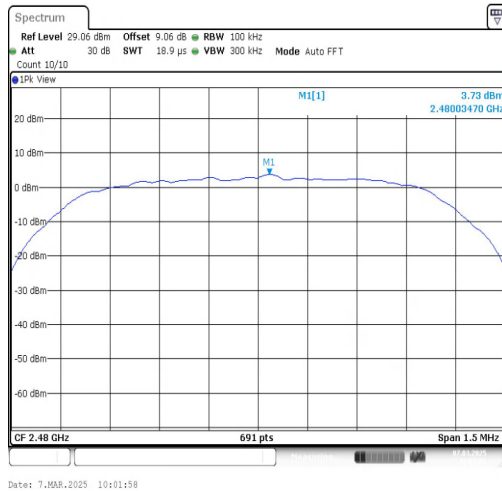
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Date: 7.MAR.2025 10:01:25

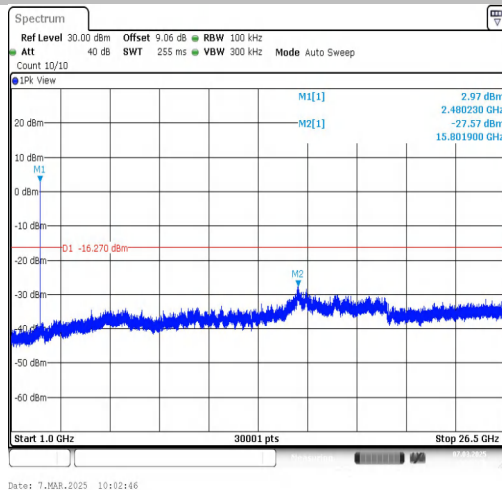
3DH5-Ant1-2441-30~1000-PASS

3DH5-Ant1-2441-1000~26500-PASS



3DH5-Ant1-2480-0~Reference-PASS

3DH5-Ant1-2480-30~1000-PASS



3DH5-Ant1-2480-1000~26500-PASS



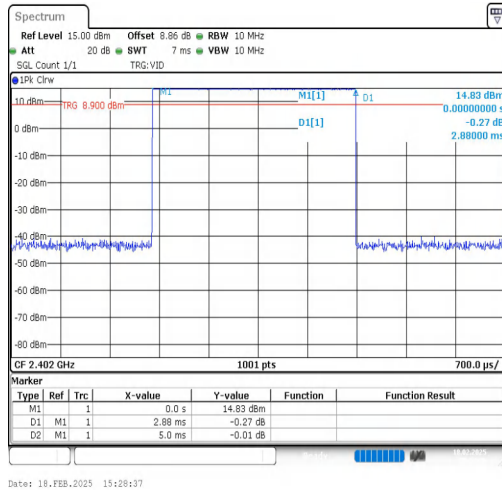
Appendix I: Duty Cycle

Test Result

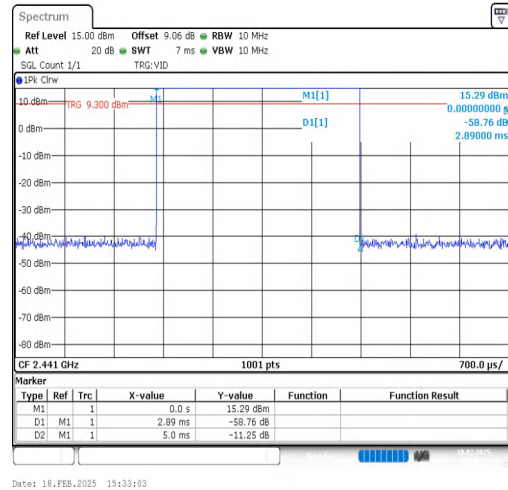
Test Mode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor (dB)
DH5	Ant1	2402	2.88	5.00	57.60	2.40
DH5	Ant1	2441	2.89	5.00	57.80	2.38
DH5	Ant1	2480	2.88	5.00	57.60	2.40
2DH5	Ant1	2402	2.89	5.00	57.80	2.38
2DH5	Ant1	2441	2.89	5.00	57.80	2.38
2DH5	Ant1	2480	2.89	5.00	57.80	2.38
3DH5	Ant1	2402	2.90	5.01	57.88	2.37
3DH5	Ant1	2441	2.89	5.01	57.68	2.39
3DH5	Ant1	2480	2.89	5.00	57.80	2.38



Test Graphs



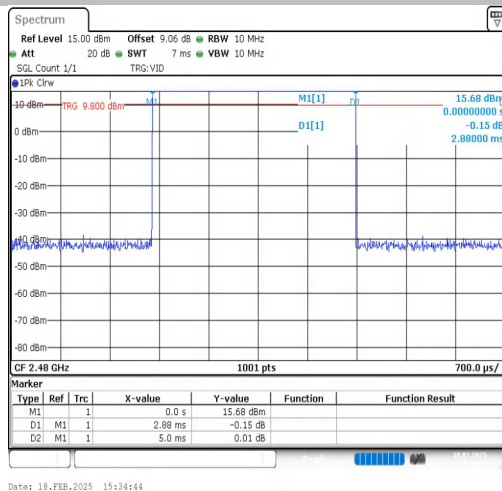
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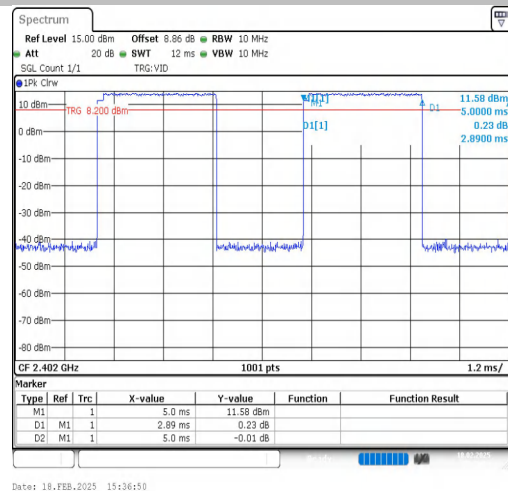
Date: 18.FEB.2025 15:33:03

NTVN-DH5-Ant1-2402

NTVN-DH5-Ant1-2441



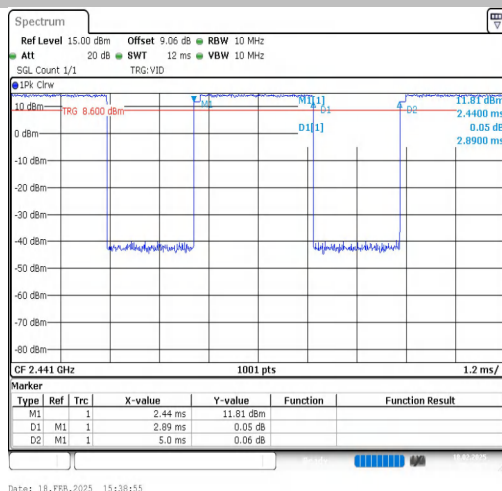
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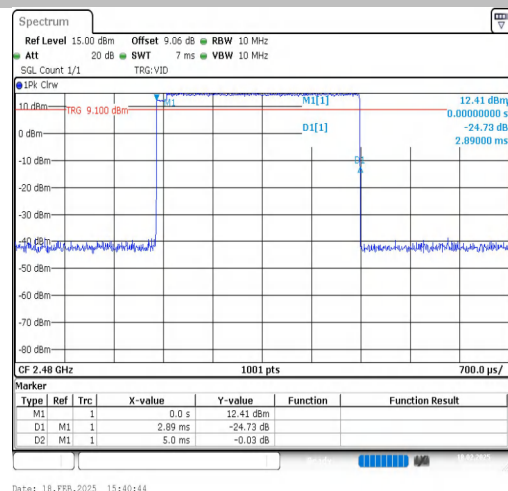
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NTVN-DH5-Ant1-2480

NTVN-2DH5-Ant1-2402



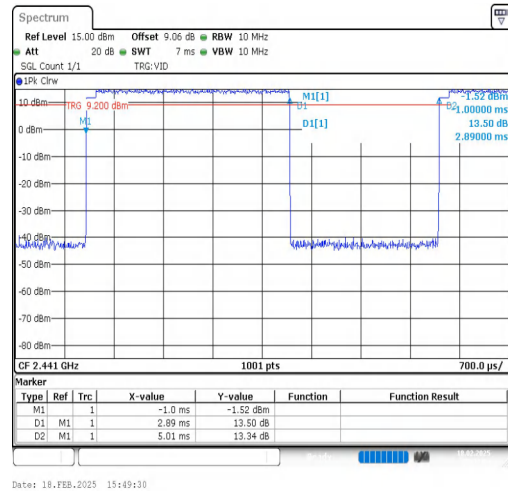
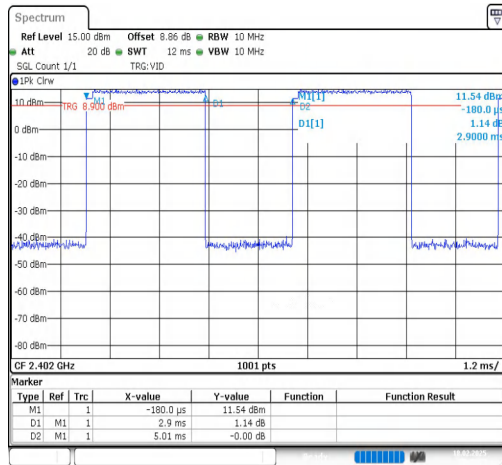
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Date: 18.FEB.2025 15:40:44

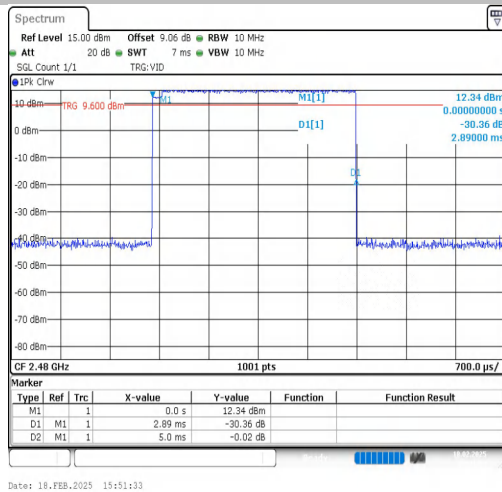
NTVN-2DH5-Ant1-2441

NTVN-2DH5-Ant1-2480



NTNV-3DH5-Ant1-2402

NTNV-3DH5-Ant1-2441



NTNV-3DH5-Ant1-2480

-----END-----