



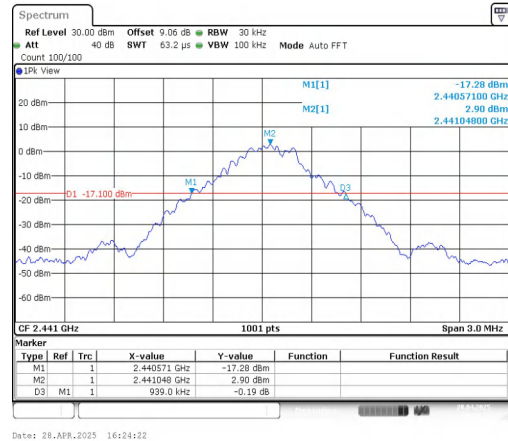
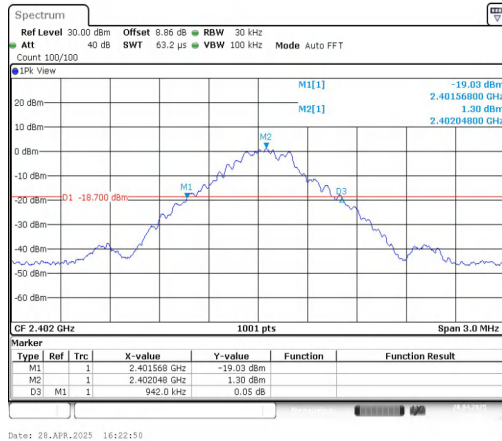
Appendix A: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.94	2401.57	2402.51	---	---
DH5	Ant1	2441	0.94	2440.57	2441.51	---	---
DH5	Ant1	2480	0.94	2479.57	2480.51	---	---
2DH5	Ant1	2402	1.29	2401.40	2402.68	---	---
2DH5	Ant1	2441	1.29	2440.40	2441.68	---	---
2DH5	Ant1	2480	1.29	2479.40	2480.69	---	---
3DH5	Ant1	2402	1.30	2401.38	2402.68	---	---
3DH5	Ant1	2441	1.30	2440.39	2441.68	---	---
3DH5	Ant1	2480	1.30	2479.39	2480.68	---	---

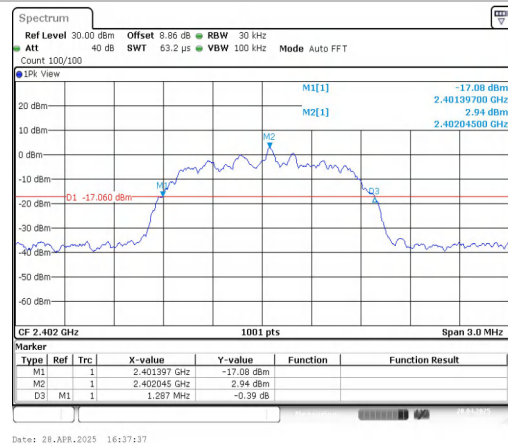
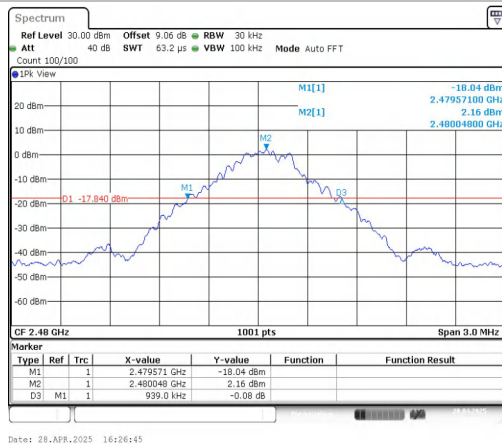


Test Graphs



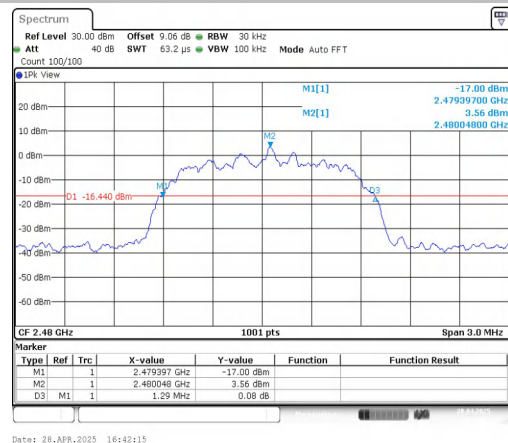
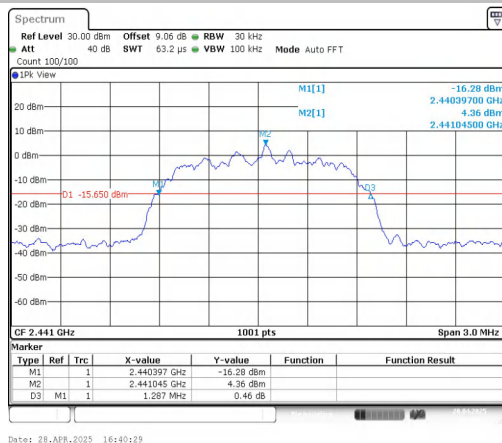
DH5-Ant1-2402

DH5-Ant1-2441



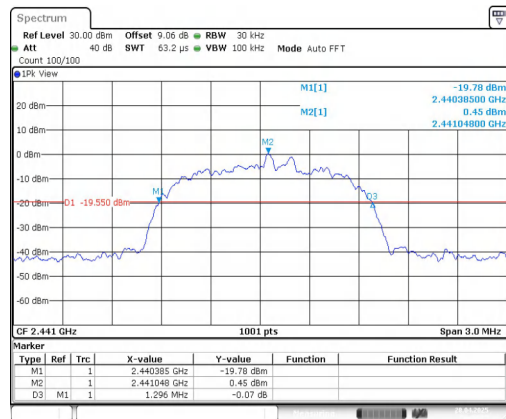
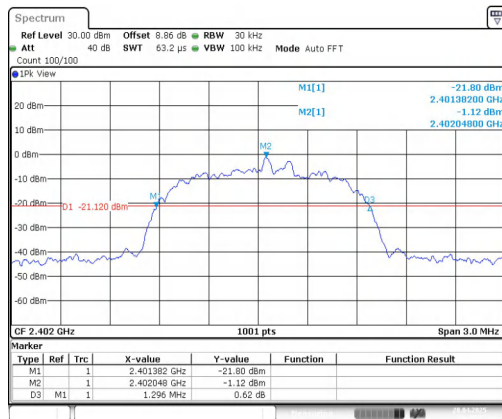
DH5-Ant1-2480

2DH5-Ant1-2402



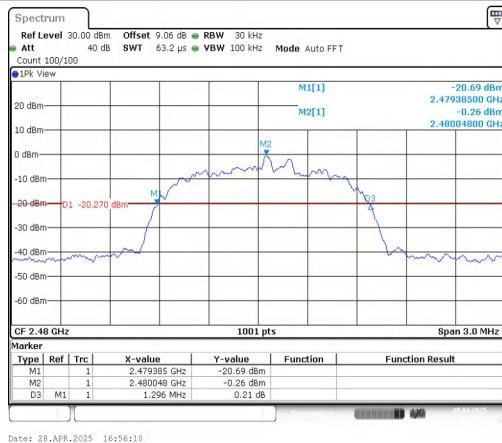
2DH5-Ant1-2441

2DH5-Ant1-2480



3DH5-Ant1-2402

3DH5-Ant1-2441



3DH5-Ant1-2480



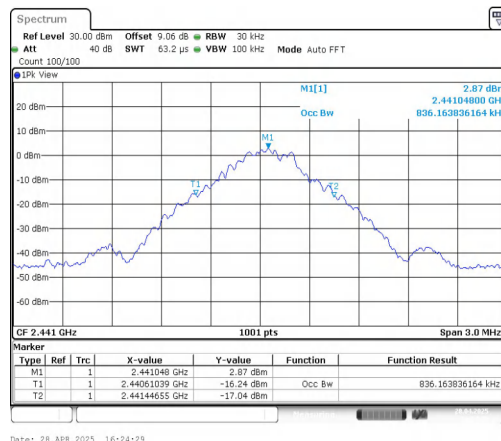
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.839	2401.6074	2402.4466	---	---
DH5	Ant1	2441	0.836	2440.6104	2441.4466	---	---
DH5	Ant1	2480	0.839	2479.6074	2480.4466	---	---
2DH5	Ant1	2402	1.184	2401.4336	2402.6174	---	---
2DH5	Ant1	2441	1.184	2440.4366	2441.6204	---	---
2DH5	Ant1	2480	1.184	2479.4366	2480.6204	---	---
3DH5	Ant1	2402	1.184	2401.4396	2402.6234	---	---
3DH5	Ant1	2441	1.181	2440.4426	2441.6234	---	---
3DH5	Ant1	2480	1.184	2479.4396	2480.6234	---	---

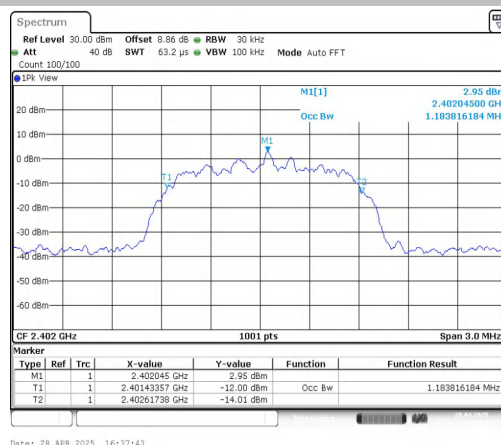
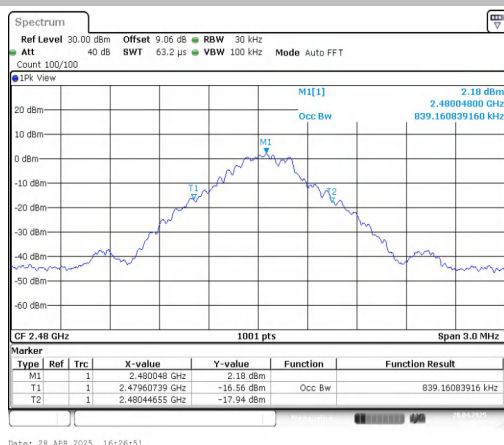


Test Graphs



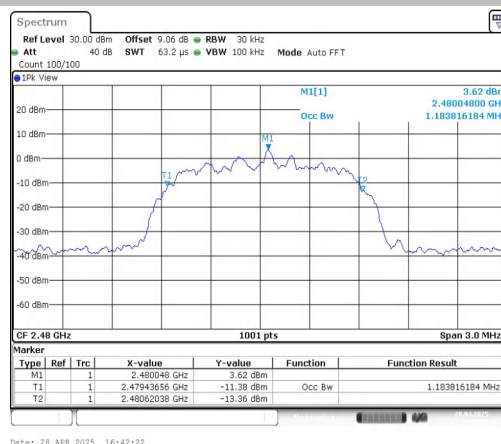
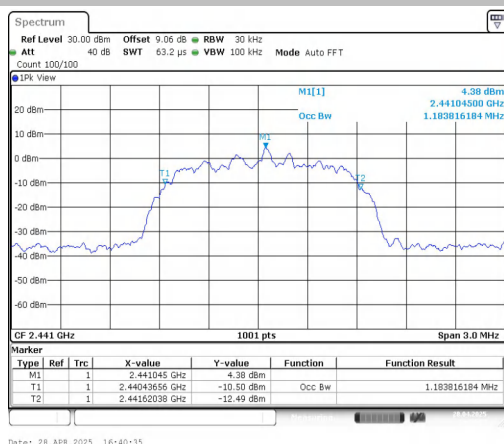
DH5-Ant1-2402

DH5-Ant1-2441



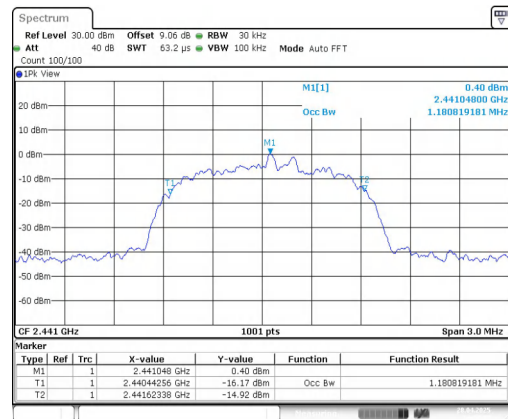
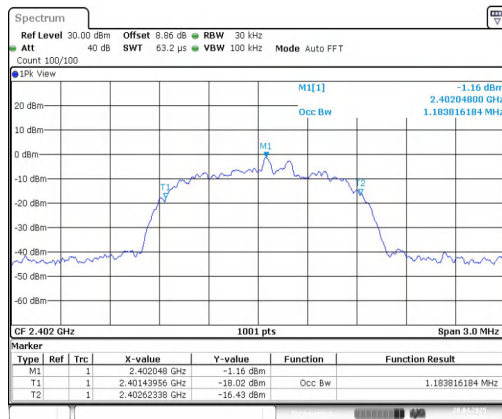
DH5-Ant1-2480

2DH5-Ant1-2402



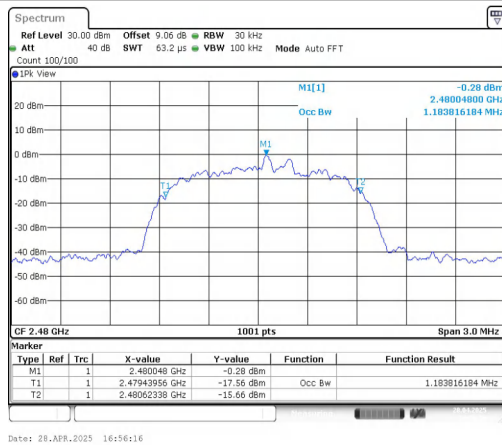
2DH5-Ant1-2441

2DH5-Ant1-2480



3DH5-Ant1-2402

3DH5-Ant1-2441



3DH5-Ant1-2480



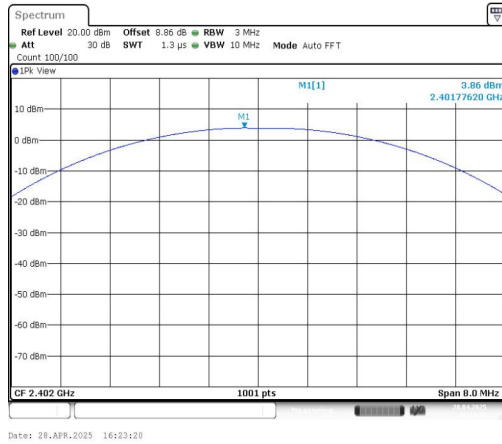
Appendix C: Maximum conducted output power

Test Result Peak

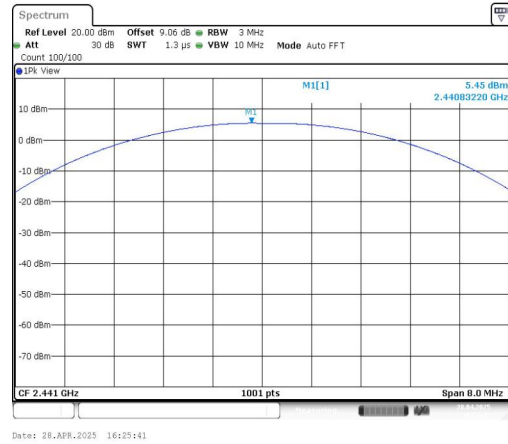
Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
DH5	Ant1	2402	3.86	≤20.97	-1.58	2.28	--	PASS
DH5	Ant1	2441	5.45	≤20.97	-1.58	3.87	--	PASS
DH5	Ant1	2480	4.68	≤20.97	-1.58	3.10	--	PASS
2DH5	Ant1	2402	6.86	≤20.97	-1.58	5.28	--	PASS
2DH5	Ant1	2441	8.27	≤20.97	-1.58	6.69	--	PASS
2DH5	Ant1	2480	7.53	≤20.97	-1.58	5.95	--	PASS
3DH5	Ant1	2402	3.28	≤30	-1.58	1.70	--	PASS
3DH5	Ant1	2441	4.86	≤30	-1.58	3.28	--	PASS
3DH5	Ant1	2480	4.38	≤30	-1.58	2.80	--	PASS



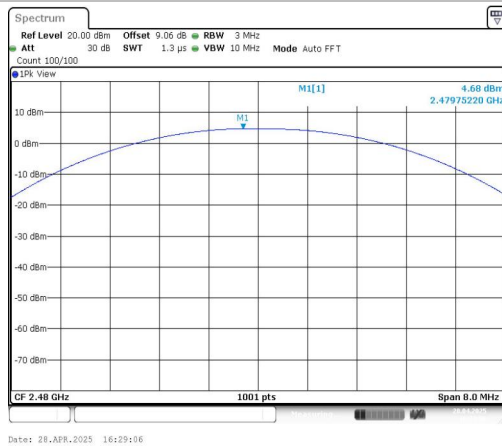
Test Graphs



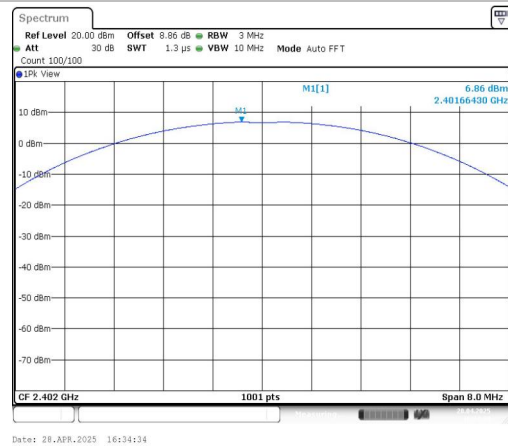
DH5-Ant1-2402-PASS



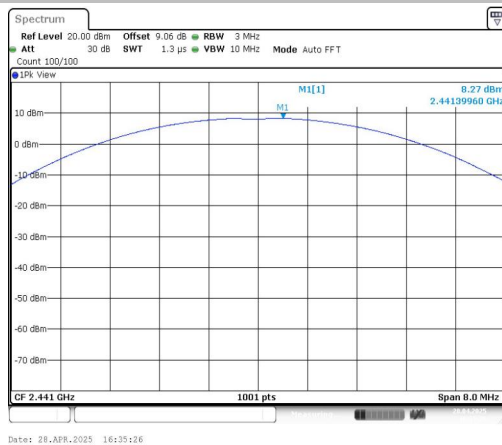
DH5-Ant1-2441-PASS



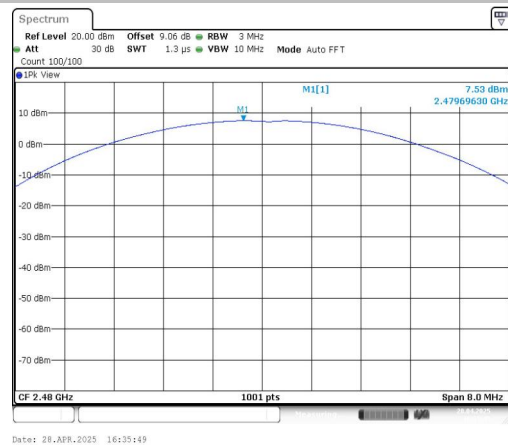
DH5-Ant1-2480-PASS



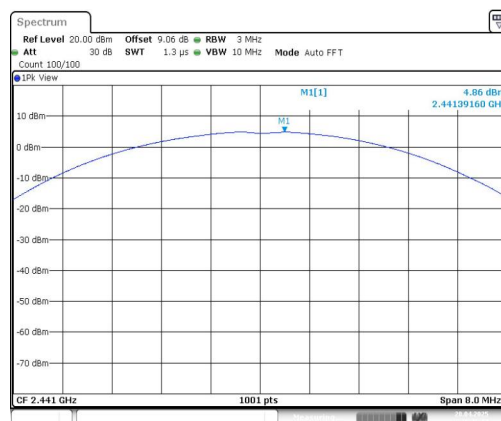
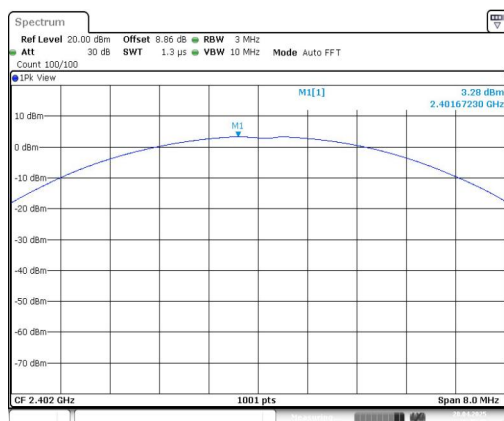
2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

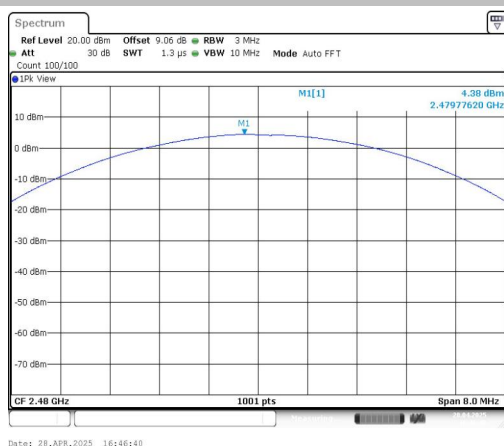


2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS

3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



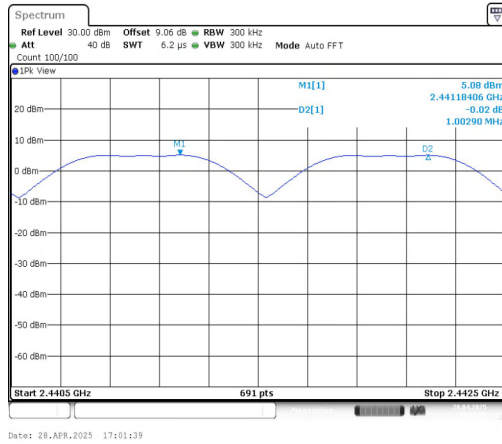
Appendix D: Carrier frequency separation

Test Result

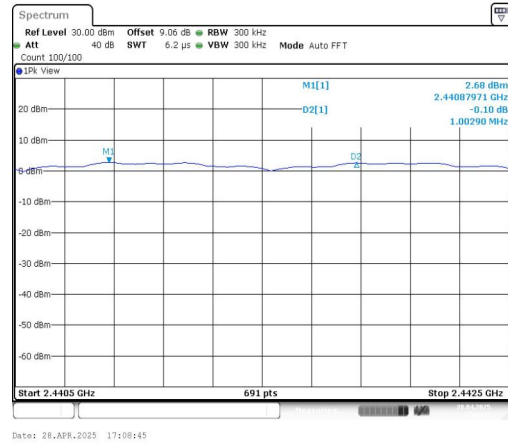
Test Mode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	≥ 0.940	PASS
2DH5	Ant1	Hop	1.003	≥ 0.860	PASS
3DH5	Ant1	Hop	1.307	≥ 1.300	PASS



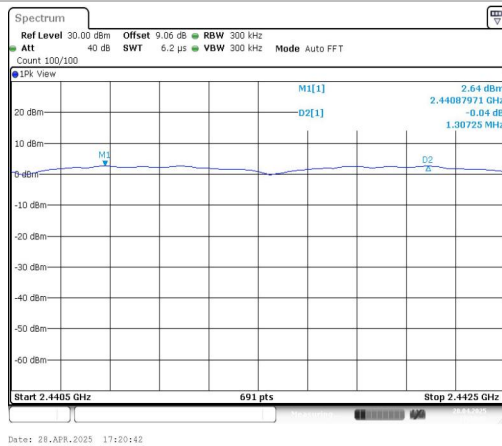
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



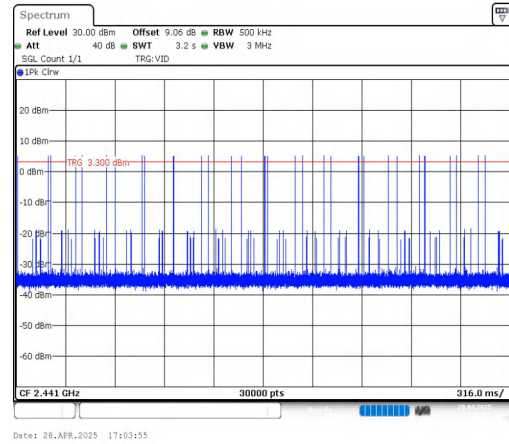
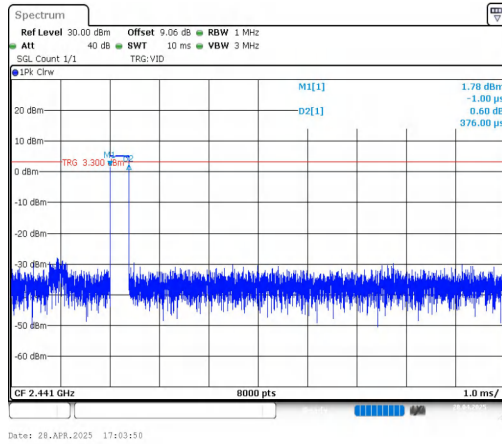
Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.376	330	0.124	≤0.4	PASS
DH3	Ant1	Hop	1.626	170	0.276	≤0.4	PASS
DH5	Ant1	Hop	2.864	110	0.315	≤0.4	PASS
2DH1	Ant1	Hop	0.383	320	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.626	170	0.276	≤0.4	PASS
2DH5	Ant1	Hop	2.867	80	0.229	≤0.4	PASS
3DH1	Ant1	Hop	0.383	330	0.126	≤0.4	PASS
3DH3	Ant1	Hop	1.625	150	0.244	≤0.4	PASS
3DH5	Ant1	Hop	2.868	90	0.258	≤0.4	PASS

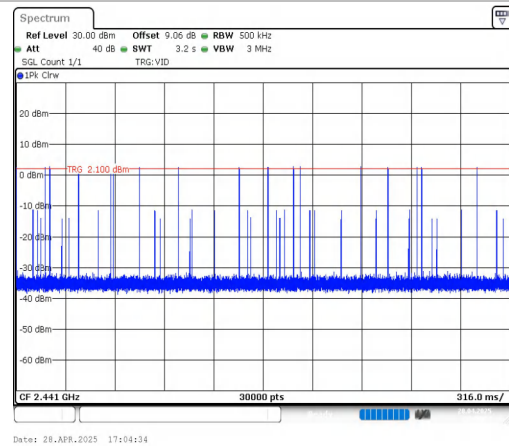
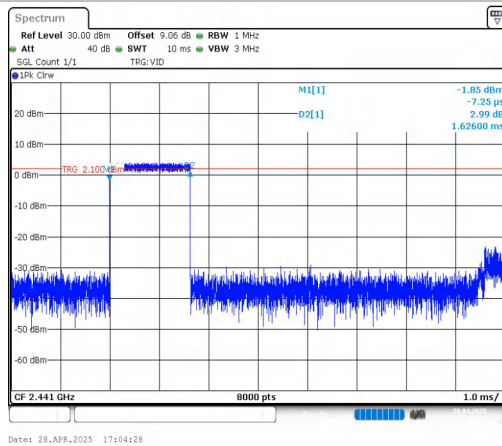


Test Graphs



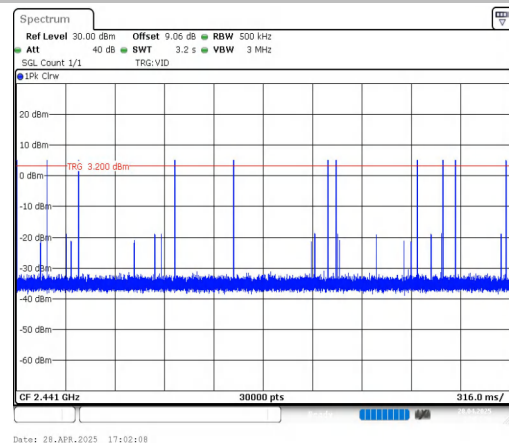
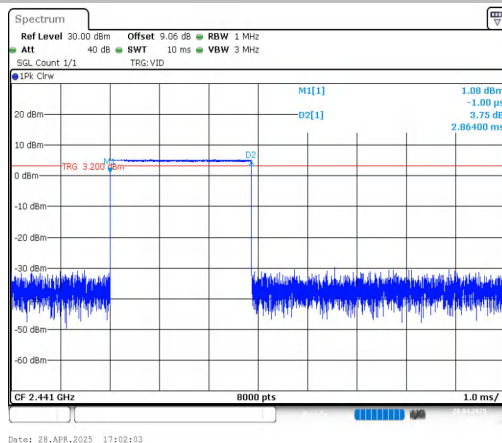
DH1-Ant1-Hop-PASS

DH1-Ant1-Hop-PASS



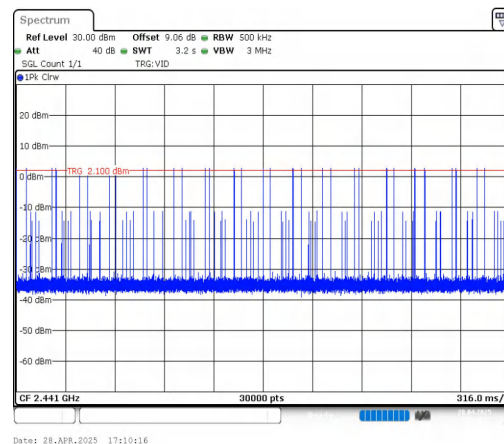
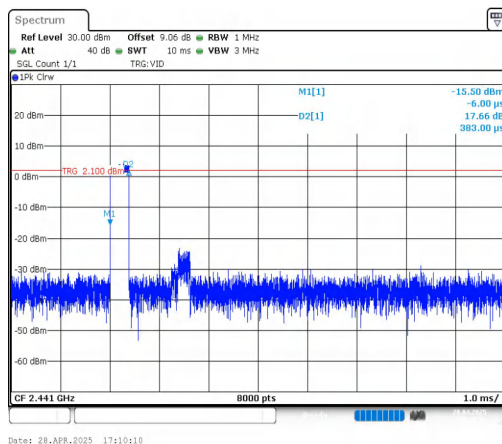
DH3-Ant1-Hop-PASS

DH3-Ant1-Hop-PASS



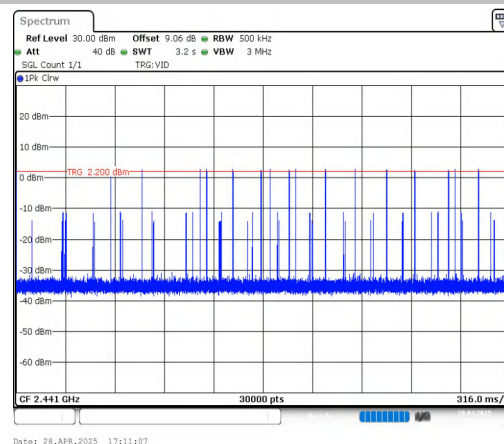
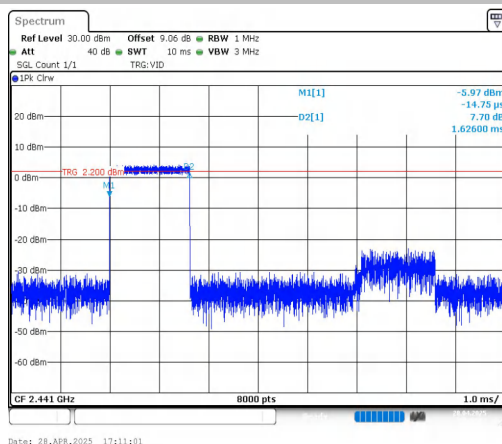
DH5-Ant1-Hop-PASS

DH5-Ant1-Hop-PASS



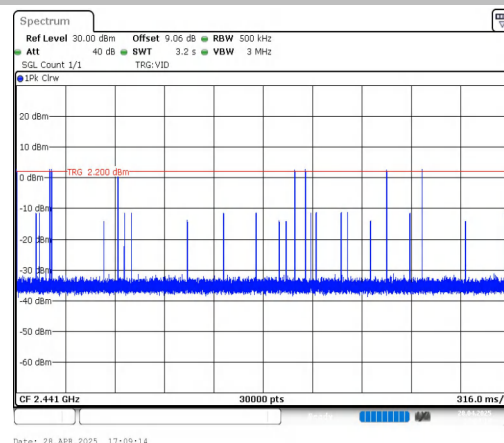
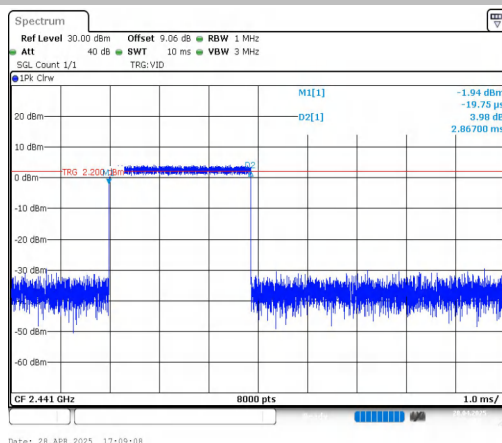
2D1-Ant1-Hop-PASS

2D1-Ant1-Hop-PASS



2D1-Ant1-Hop-PASS

2D1-Ant1-Hop-PASS

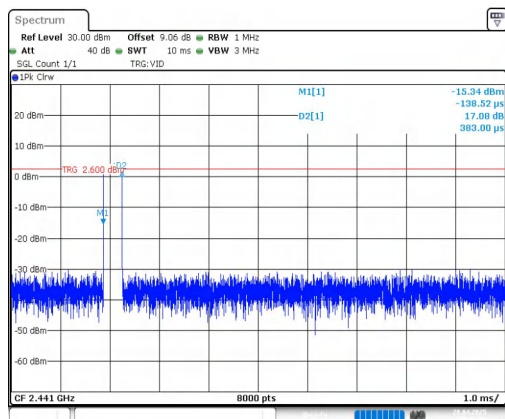


2D3-Ant1-Hop-PASS

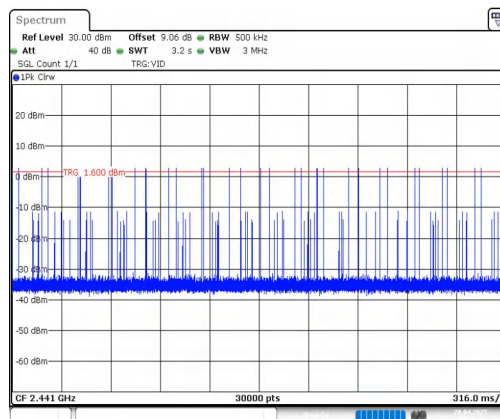
2D3-Ant1-Hop-PASS

2D5-Ant1-Hop-PASS

2D5-Ant1-Hop-PASS



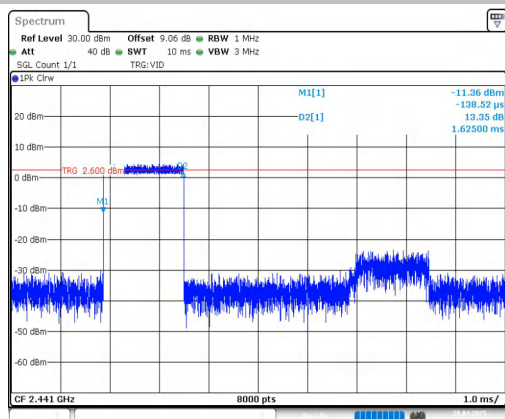
Date: 28.APR.2025 17:25:26



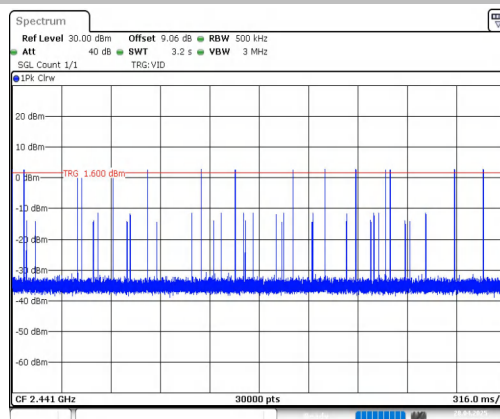
Date: 28.APR.2025 17:25:38

3DH1-Ant1-Hop-PASS

3DH1-Ant1-Hop-PASS



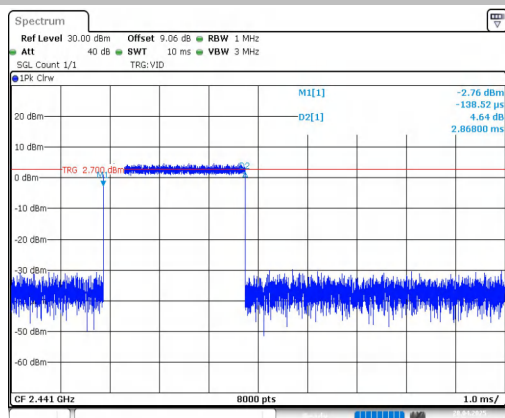
Date: 28.APR.2025 17:22:02



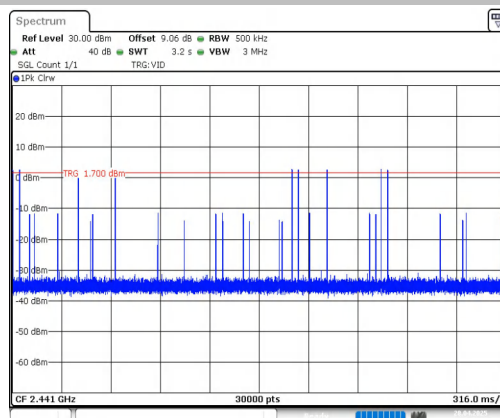
Date: 28.APR.2025 17:22:14

3DH3-Ant1-Hop-PASS

3DH3-Ant1-Hop-PASS



Date: 28.APR.2025 17:22:01



Date: 28.APR.2025 17:22:13

3DH5-Ant1-Hop-PASS

3DH5-Ant1-Hop-PASS



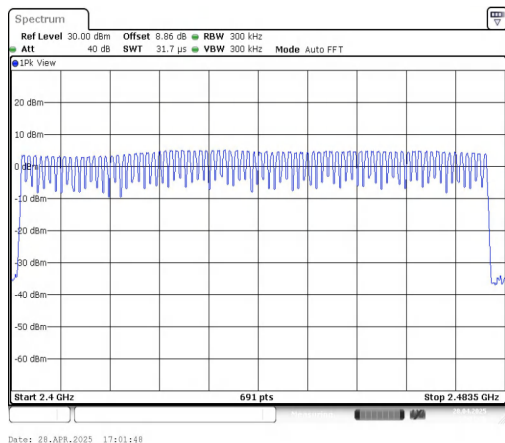
Appendix F: Number of hopping channels

Test Result

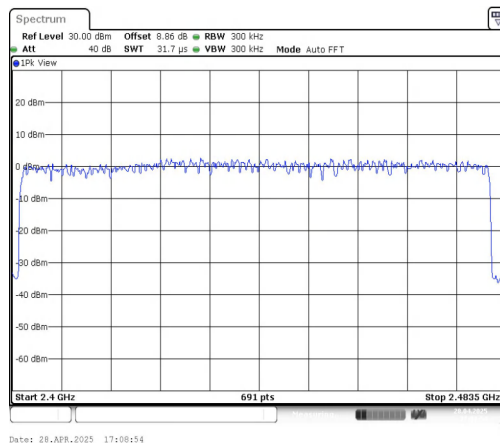
Test Mode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



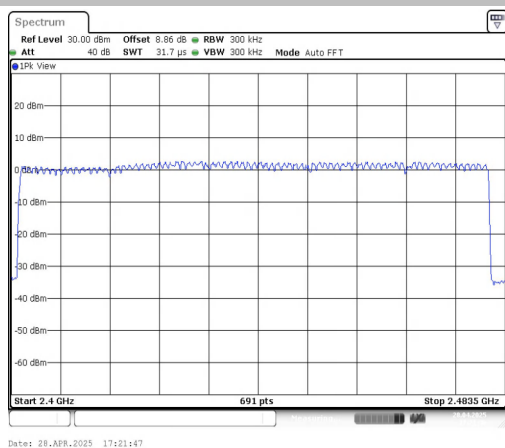
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



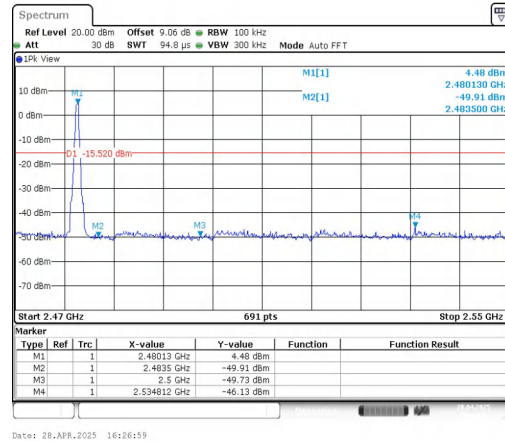
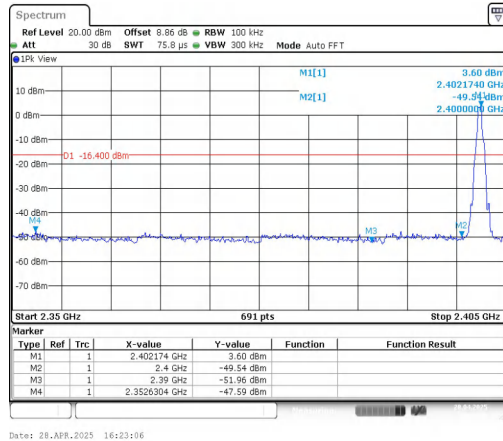
Appendix G: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Freq(MHz)	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.60	-47.59	≤ -16.4	PASS
DH5	Ant1	High	2480	4.48	-46.13	≤ -15.52	PASS
DH5	Ant1	Low	Hop_2402	3.14	-39.49	≤ -16.86	PASS
DH5	Ant1	High	Hop_2480	4.88	-39.56	≤ -15.12	PASS
2DH5	Ant1	Low	2402	4.98	-47.91	≤ -15.02	PASS
2DH5	Ant1	High	2480	5.81	-46.41	≤ -14.19	PASS
2DH5	Ant1	Low	Hop_2402	0.51	-43.25	≤ -19.49	PASS
2DH5	Ant1	High	Hop_2480	2.03	-42.72	≤ -17.97	PASS
3DH5	Ant1	Low	2402	1.01	-47.79	≤ -18.99	PASS
3DH5	Ant1	High	2480	1.74	-46.95	≤ -18.26	PASS
3DH5	Ant1	Low	Hop_2402	-0.13	-43.07	≤ -20.13	PASS
3DH5	Ant1	High	Hop_2480	1.39	-41.31	≤ -18.61	PASS

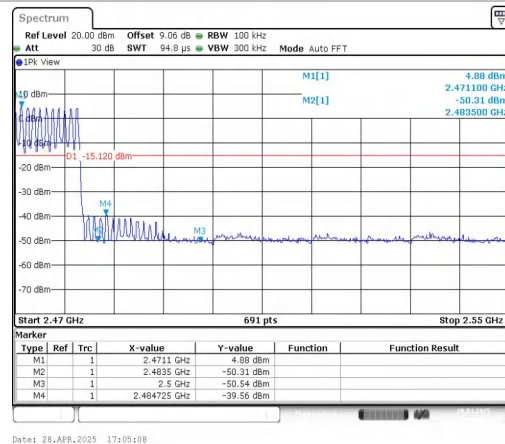
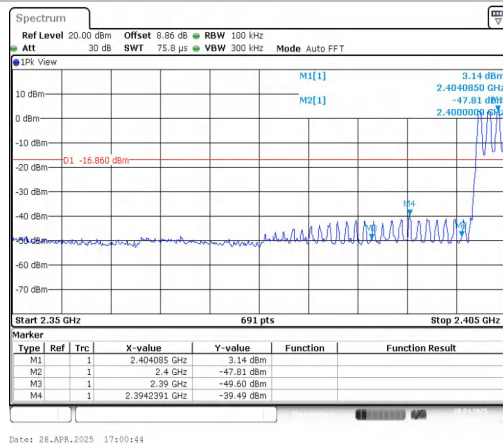


Test Graphs



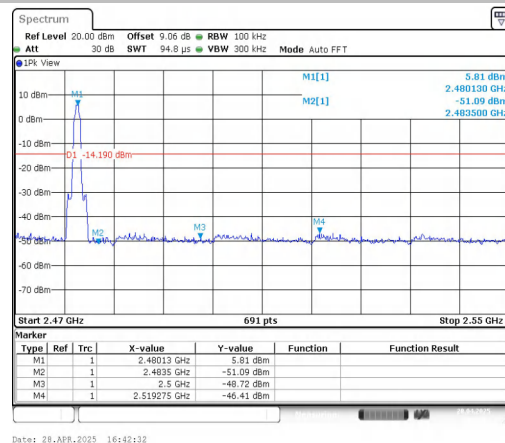
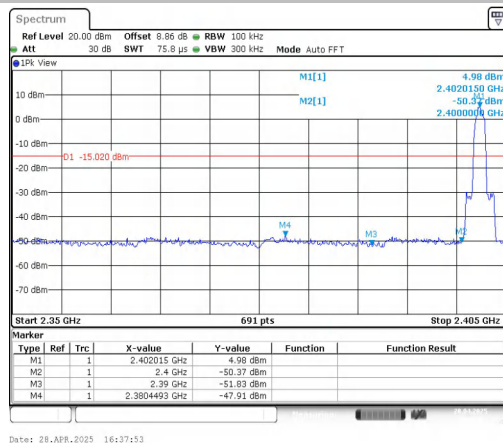
DH5-Ant1-2402-PASS

DH5-Ant1-2480-PASS



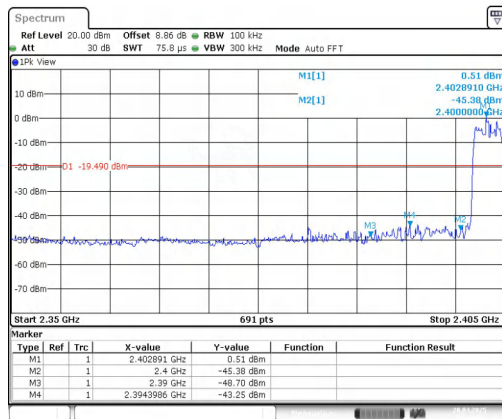
DH5-Ant1-Hop_2402-PASS

DH5-Ant1-Hop_2480-PASS

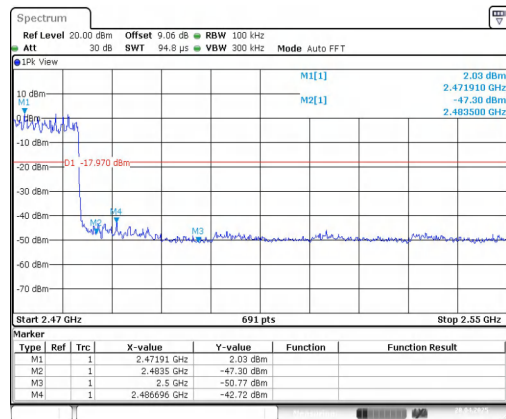


2DH5-Ant1-2402-PASS

2DH5-Ant1-2480-PASS



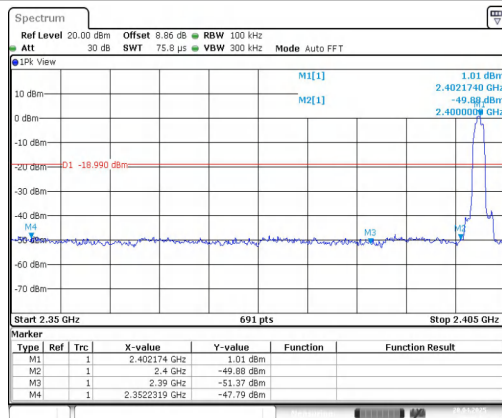
Date: 28.APR.2025 17:06:54



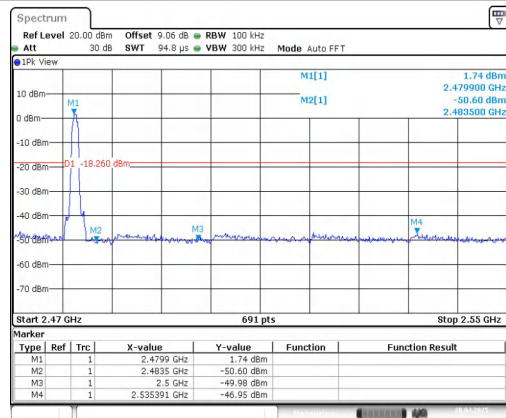
Date: 28.APR.2025 17:16:52

2DH5-Ant1-Hop_2402-PASS

2DH5-Ant1-Hop_2480-PASS



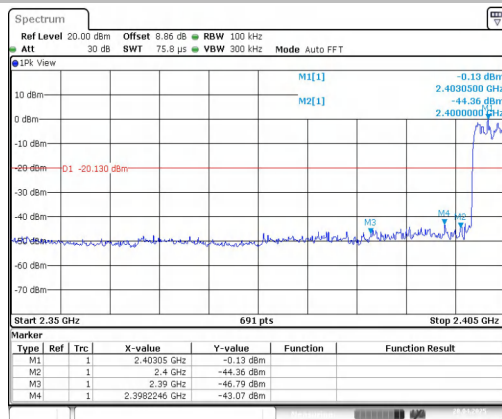
Date: 28.APR.2025 16:48:13



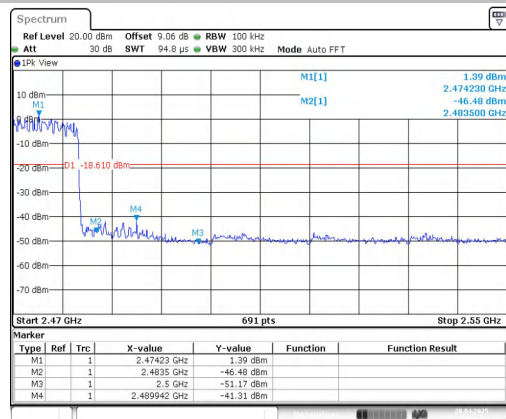
Date: 28.APR.2025 16:56:26

3DH5-Ant1-2402-PASS

3DH5-Ant1-2480-PASS



Date: 28.APR.2025 17:18:53



Date: 28.APR.2025 17:29:38

3DH5-Ant1-Hop_2402-PASS

3DH5-Ant1-Hop_2480-PASS



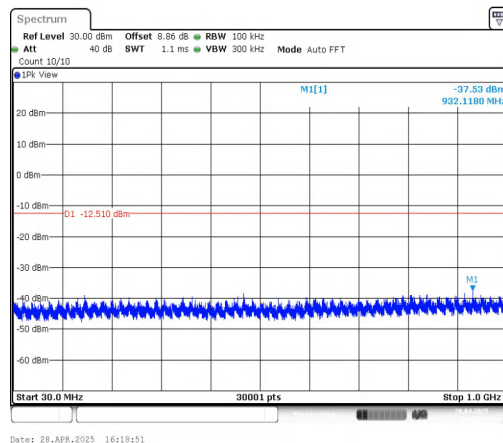
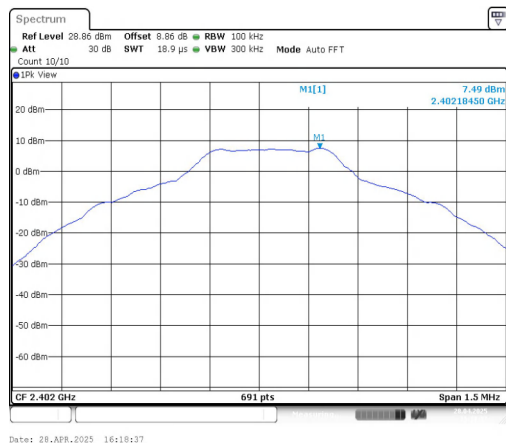
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Freq(MHz)	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	7.49	7.49	---	PASS
DH5	Ant1	2402	30~1000	7.49	-37.53	≤-12.51	PASS
DH5	Ant1	2402	1000~26500	7.49	-26.7	≤-12.51	PASS
DH5	Ant1	2441	0~Reference	5.29	5.29	---	PASS
DH5	Ant1	2441	30~1000	5.29	-38.18	≤-14.71	PASS
DH5	Ant1	2441	1000~26500	5.29	-26.88	≤-14.71	PASS
DH5	Ant1	2480	0~Reference	4.52	4.52	---	PASS
DH5	Ant1	2480	30~1000	4.52	-38.57	≤-15.48	PASS
DH5	Ant1	2480	1000~26500	4.52	-25.78	≤-15.48	PASS
2DH5	Ant1	2402	0~Reference	5.27	5.27	---	PASS
2DH5	Ant1	2402	30~1000	5.27	-38.06	≤-14.73	PASS
2DH5	Ant1	2402	1000~26500	5.27	-27.14	≤-14.73	PASS
2DH5	Ant1	2441	0~Reference	6.69	6.69	---	PASS
2DH5	Ant1	2441	30~1000	6.69	-37.7	≤-13.31	PASS
2DH5	Ant1	2441	1000~26500	6.69	-27.18	≤-13.31	PASS
2DH5	Ant1	2480	0~Reference	5.85	5.85	---	PASS
2DH5	Ant1	2480	30~1000	5.85	-38.3	≤-14.15	PASS
2DH5	Ant1	2480	1000~26500	5.85	-26.28	≤-14.15	PASS
3DH5	Ant1	2402	0~Reference	1.33	1.33	---	PASS
3DH5	Ant1	2402	30~1000	1.33	-37.96	≤-18.67	PASS
3DH5	Ant1	2402	1000~26500	1.33	-26.18	≤-18.67	PASS
3DH5	Ant1	2441	0~Reference	2.79	2.79	---	PASS
3DH5	Ant1	2441	30~1000	2.79	-37.3	≤-17.21	PASS
3DH5	Ant1	2441	1000~26500	2.79	-26.8	≤-17.21	PASS
3DH5	Ant1	2480	0~Reference	2.02	2.02	---	PASS
3DH5	Ant1	2480	30~1000	2.02	-37.83	≤-17.98	PASS
3DH5	Ant1	2480	1000~26500	2.02	-26.77	≤-17.98	PASS

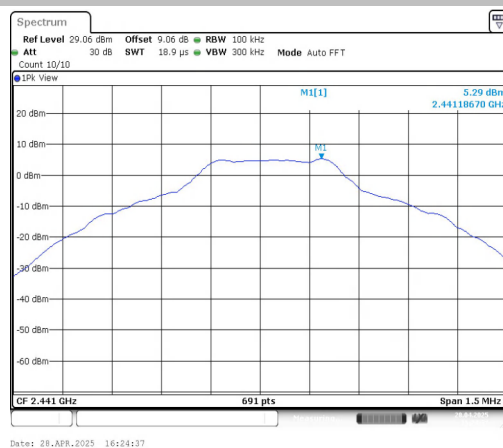
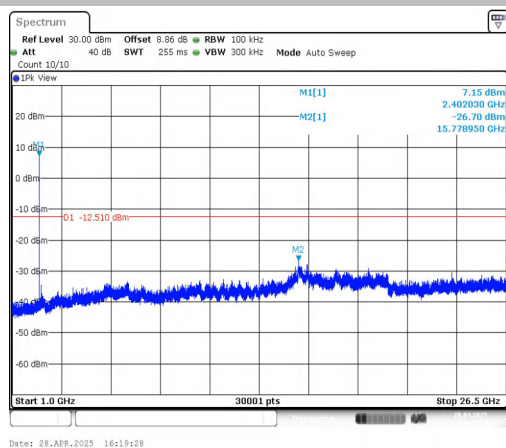


Test Graphs



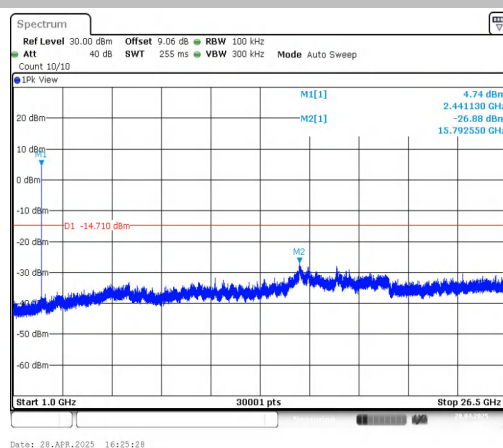
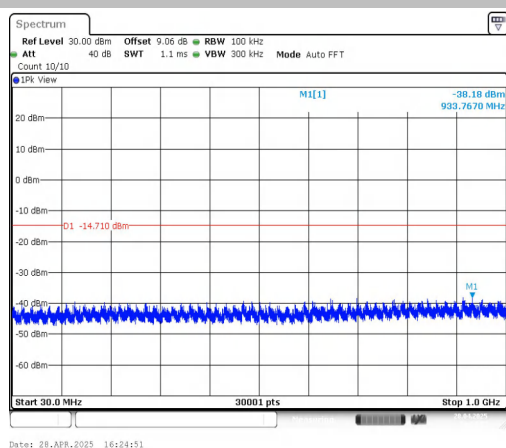
DH5-Ant1-2402-0~Reference-PASS

DH5-Ant1-2402-30~1000-PASS



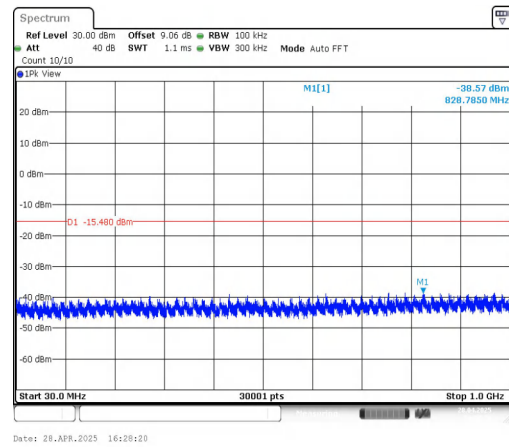
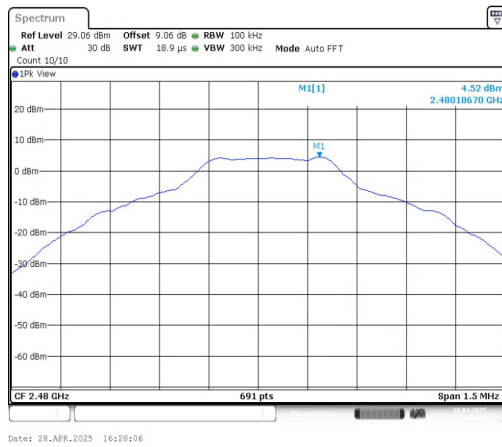
DH5-Ant1-2402-1000~26500-PASS

DH5-Ant1-2441-0~Reference-PASS



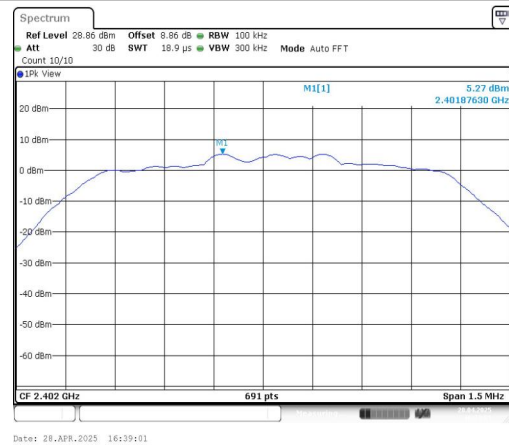
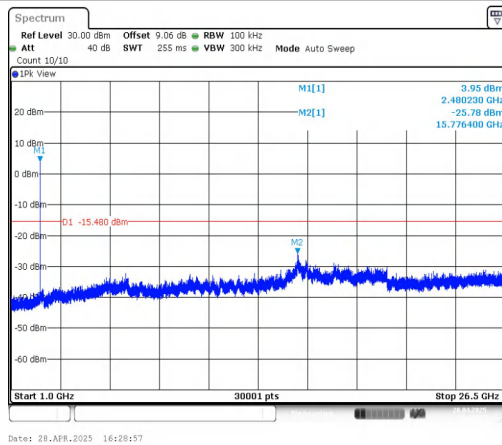
DH5-Ant1-2441-30~1000-PASS

DH5-Ant1-2441-1000~26500-PASS



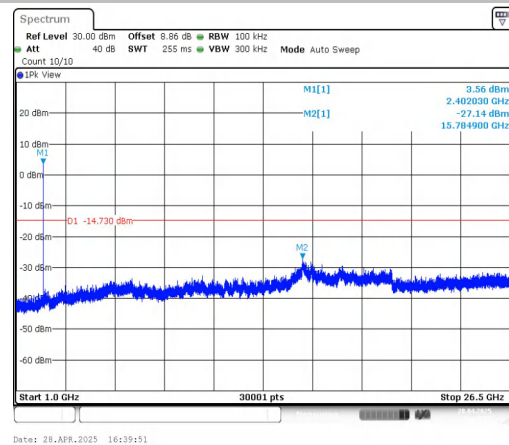
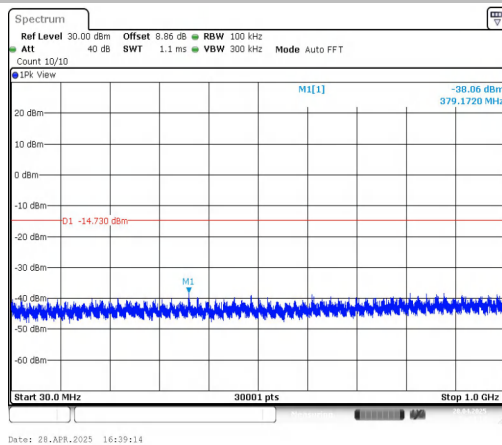
DH5-Ant1-2480-0~Reference-PASS

DH5-Ant1-2480-30~1000-PASS



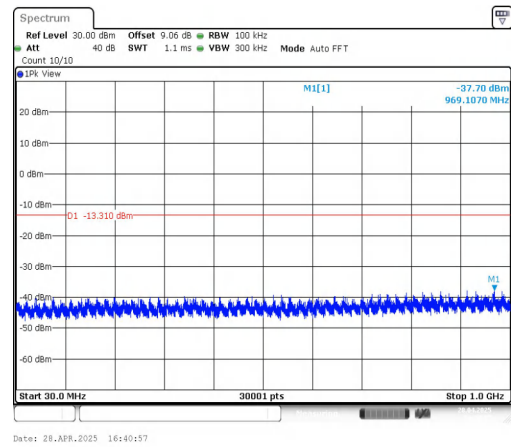
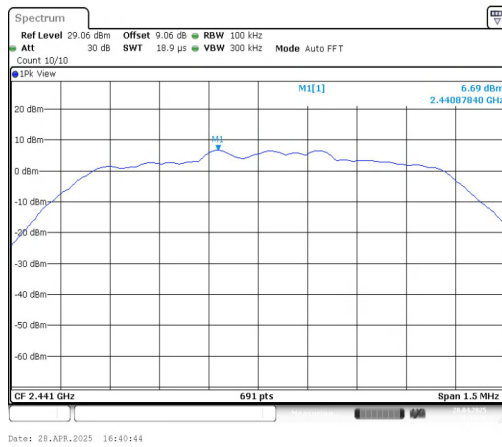
DH5-Ant1-2480-1000~26500-PASS

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



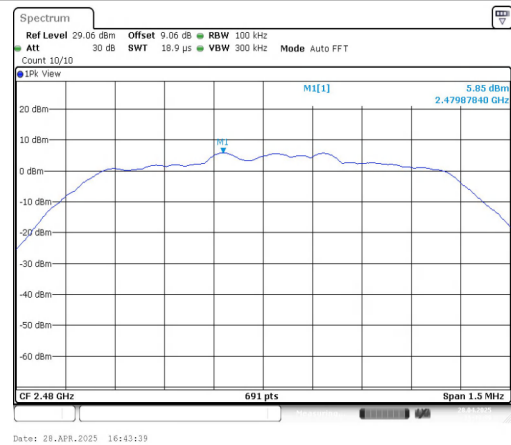
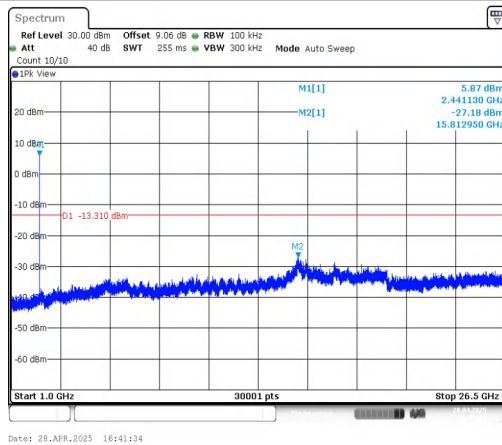
2DH5-Ant1-2402-30~1000-PASS

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



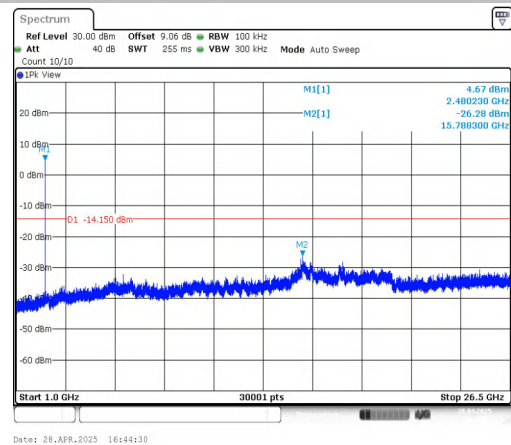
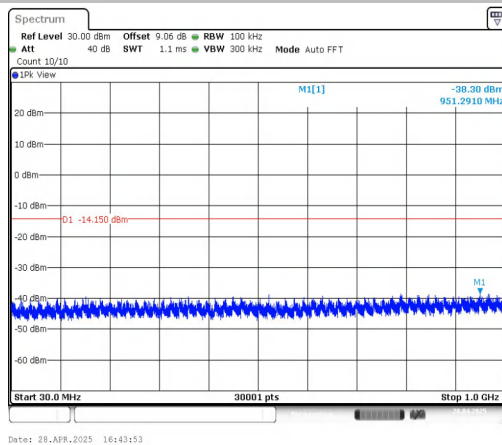
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2DH5-Ant1-2441-30~1000-PASS



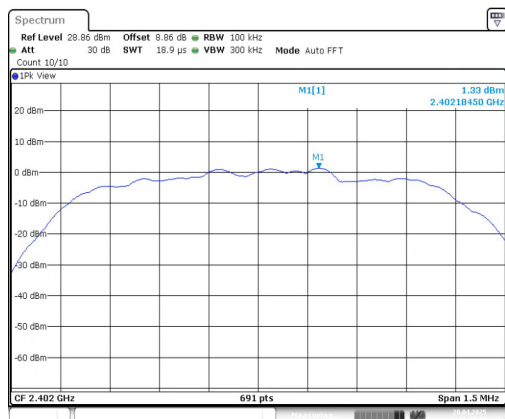
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2DH5-Ant1-2480-0~Reference-PASS

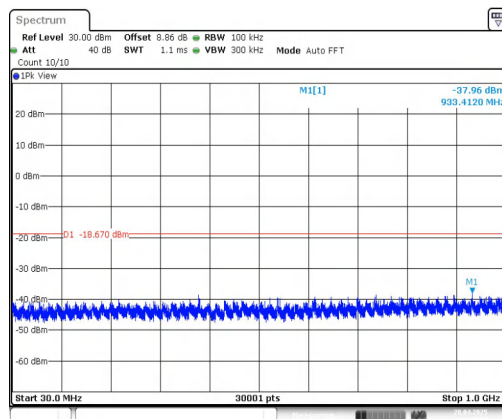


2DH5-Ant1-2480-30~1000-PASS

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



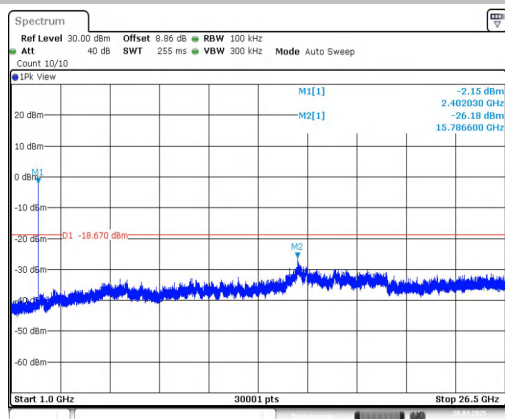
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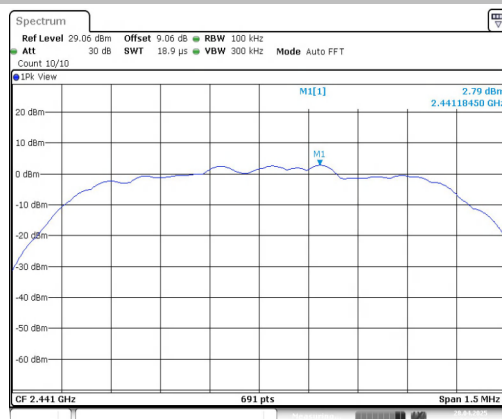
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3DH5-Ant1-2402-0~Reference-PASS

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



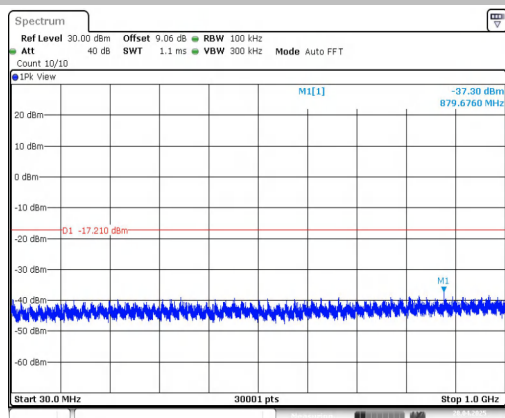
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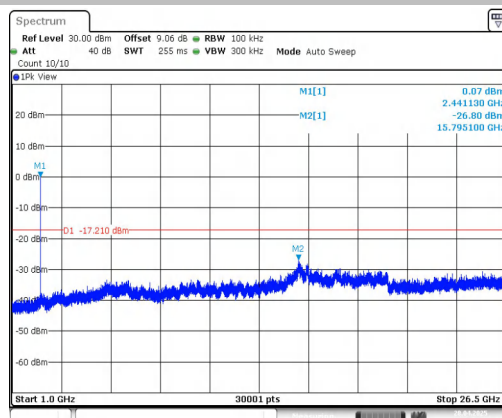
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3DH5-Ant1-2402-1000~26500-PASS

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



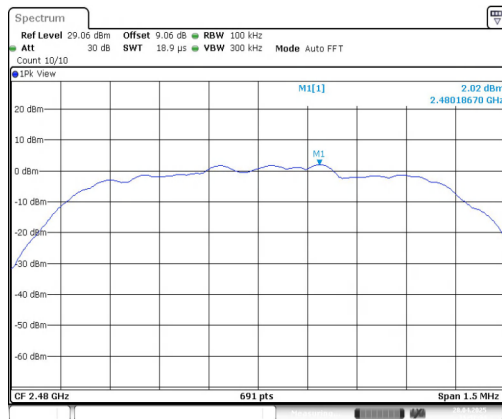
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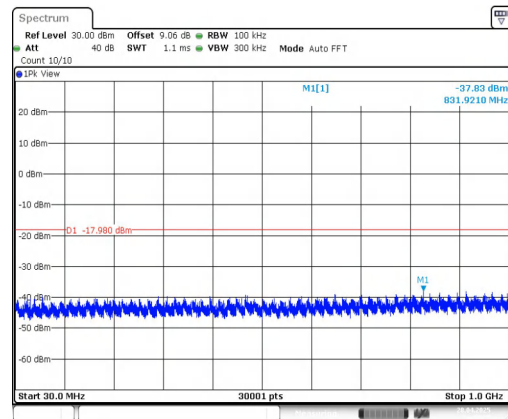
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3DH5-Ant1-2441-30~1000-PASS

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



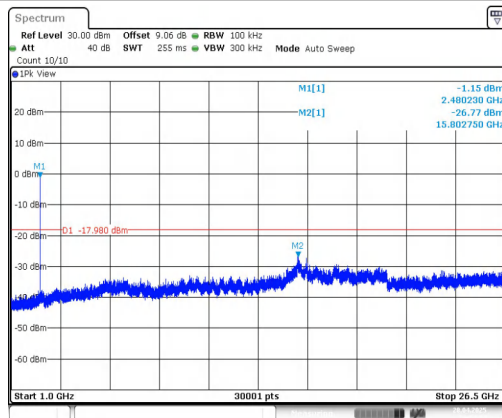
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Date: 28.APR.2025 16:57:47

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

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



Date: 28.APR.2025 16:58:24

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



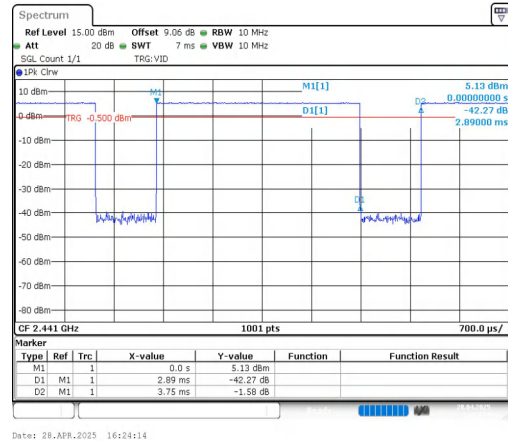
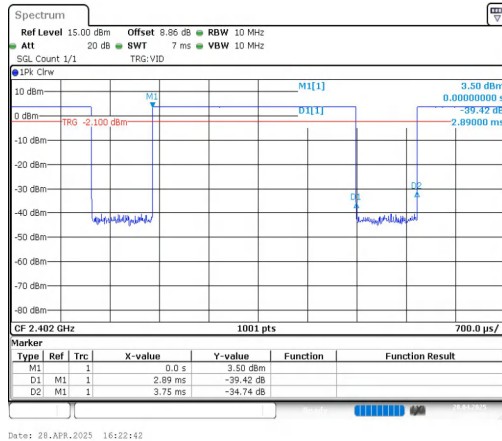
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor (dB)
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13
3DH5	Ant1	2402	2.88	3.74	77.01	1.13
3DH5	Ant1	2441	2.89	3.75	77.07	1.13
3DH5	Ant1	2480	2.89	3.75	77.07	1.13

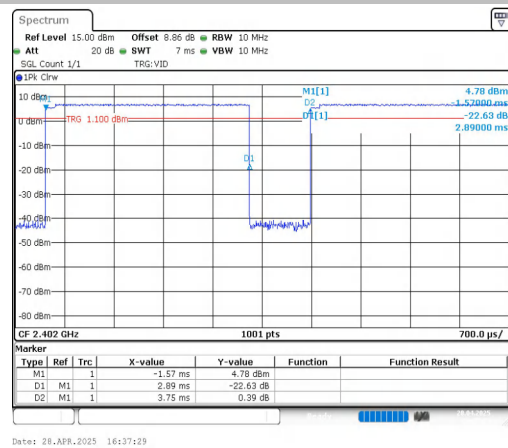
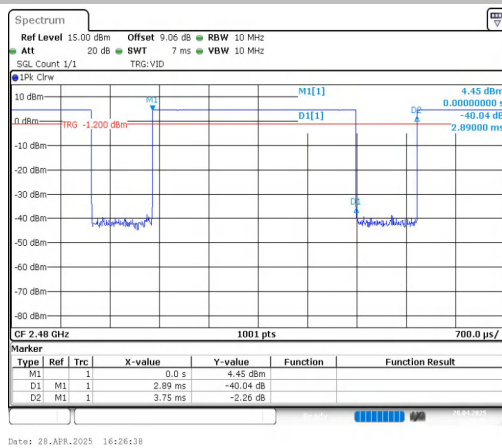


Test Graphs



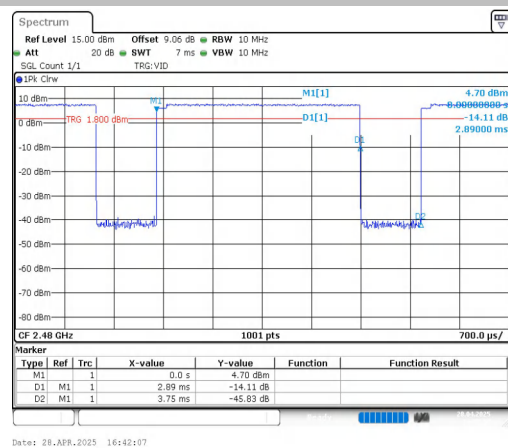
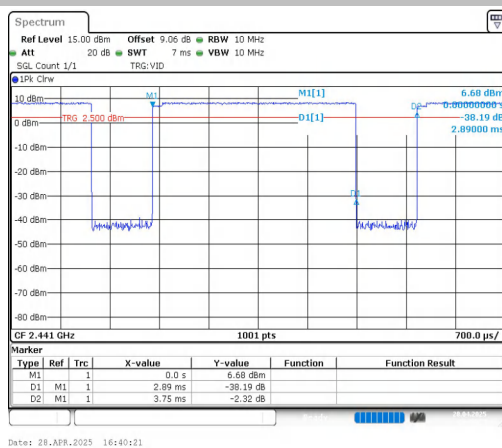
NTNV-DH5-Ant1-2402

NTNV-DH5-Ant1-2441



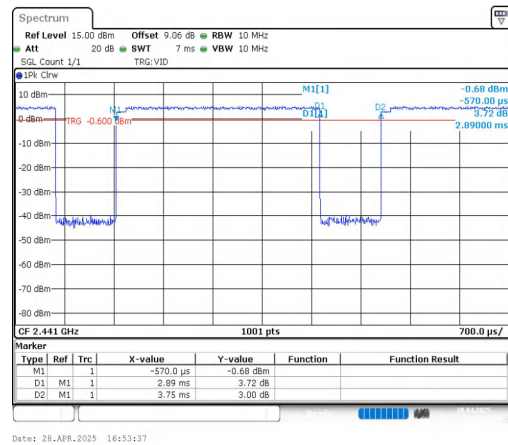
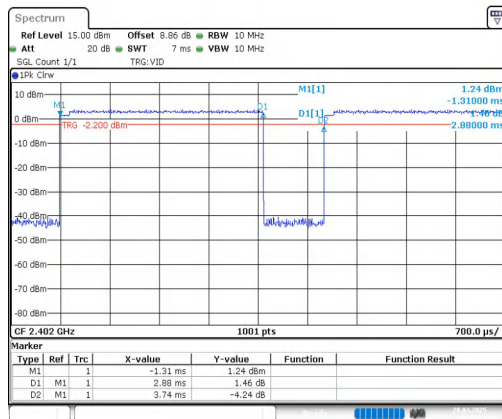
NTNV-DH5-Ant1-2480

NTNV-2DH5-Ant1-2402



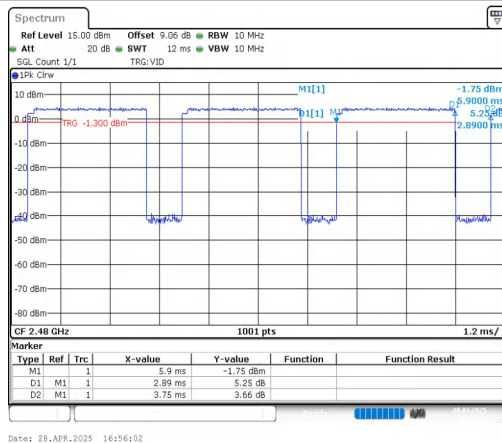
NTNV-2DH5-Ant1-2441

NTNV-2DH5-Ant1-2480



NTNV-3DH5-Ant1-2402

NTNV-3DH5-Ant1-2441



NTNV-3DH5-Ant1-2480

-----END-----