



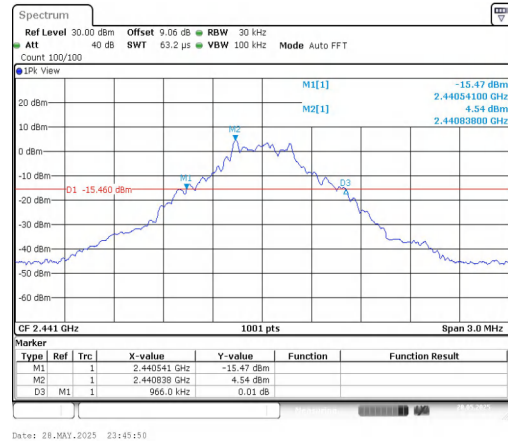
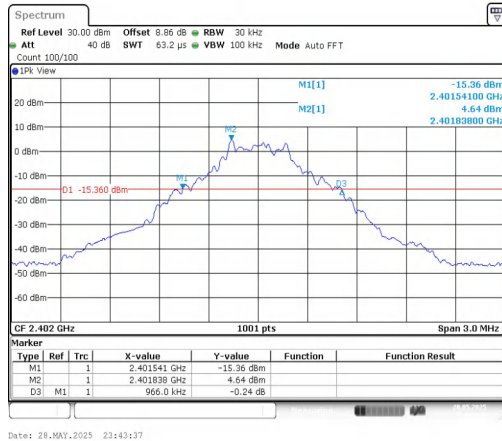
Appendix A: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.97	2401.54	2402.51	---	---
DH5	Ant1	2441	0.97	2440.54	2441.51	---	---
DH5	Ant1	2480	0.97	2479.54	2480.51	---	---
2DH5	Ant1	2402	1.29	2401.37	2402.66	---	---
2DH5	Ant1	2441	1.29	2440.36	2441.66	---	---
2DH5	Ant1	2480	1.29	2479.37	2480.66	---	---
3DH5	Ant1	2402	1.30	2401.36	2402.65	---	---
3DH5	Ant1	2441	1.30	2440.35	2441.65	---	---
3DH5	Ant1	2480	1.30	2479.36	2480.65	---	---

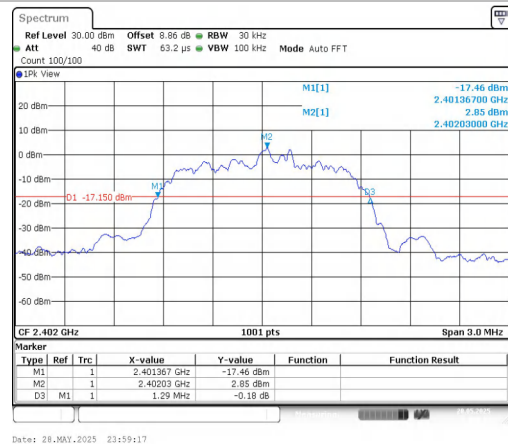
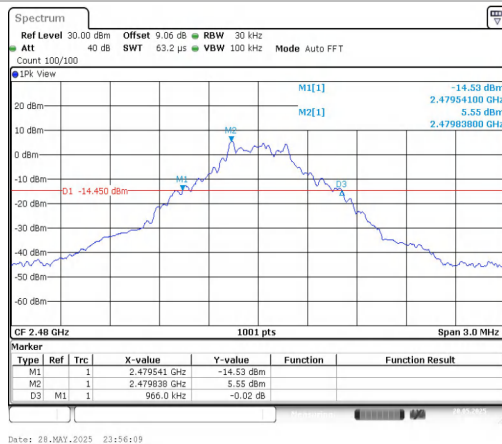


Test Graphs



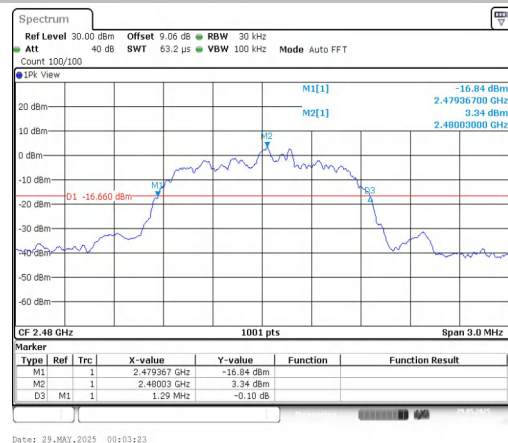
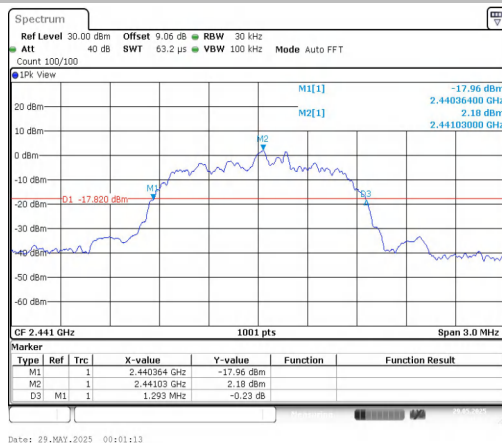
DH5-Ant1-2402

DH5-Ant1-2441



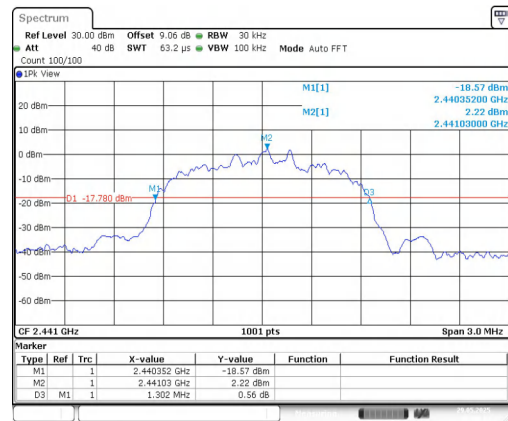
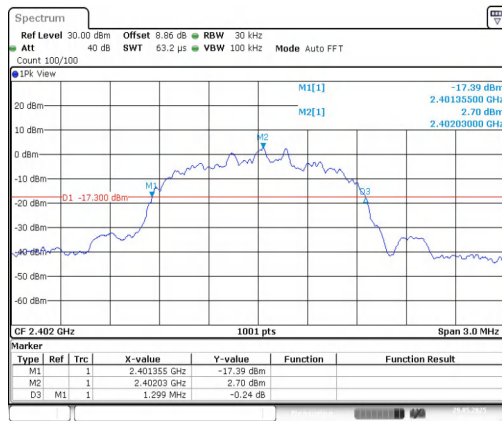
DH5-Ant1-2480

2DH5-Ant1-2402



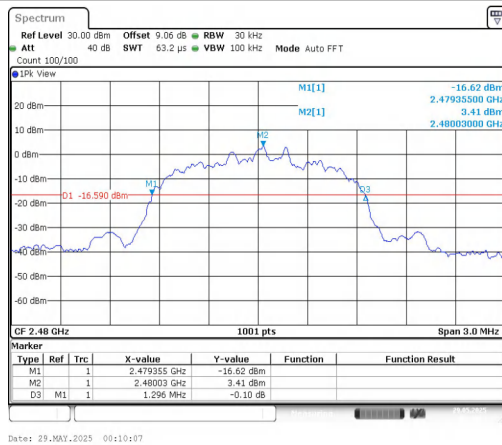
2DH5-Ant1-2441

2DH5-Ant1-2480



3DH5-Ant1-2402

3DH5-Ant1-2441



3DH5-Ant1-2480



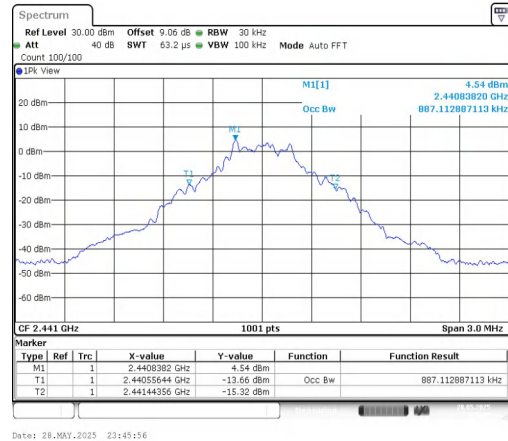
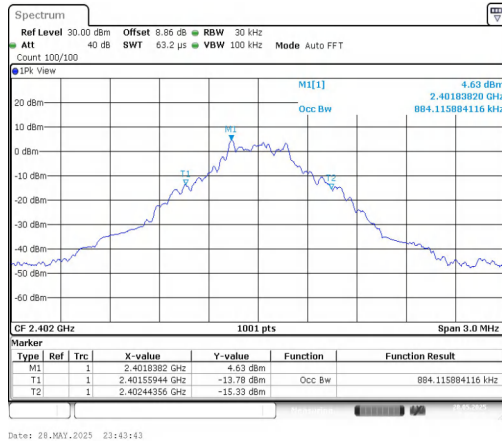
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.884	2401.5594	2402.4436	---	---
DH5	Ant1	2441	0.887	2440.5564	2441.4436	---	---
DH5	Ant1	2480	0.878	2479.5624	2480.4406	---	---
2DH5	Ant1	2402	1.184	2401.4096	2402.5934	---	---
2DH5	Ant1	2441	1.184	2440.4096	2441.5934	---	---
2DH5	Ant1	2480	1.184	2479.4096	2480.5934	---	---
3DH5	Ant1	2402	1.184	2401.4126	2402.5964	---	---
3DH5	Ant1	2441	1.184	2440.4096	2441.5934	---	---
3DH5	Ant1	2480	1.178	2479.4156	2480.5934	---	---

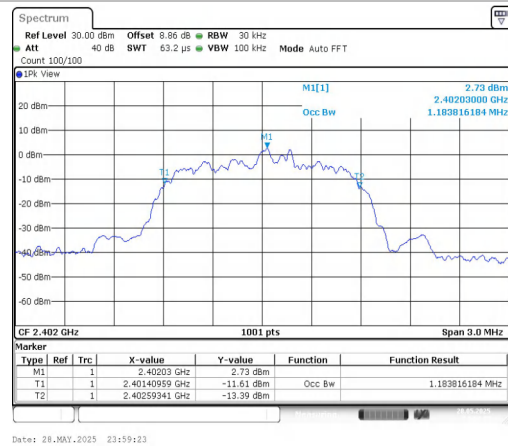
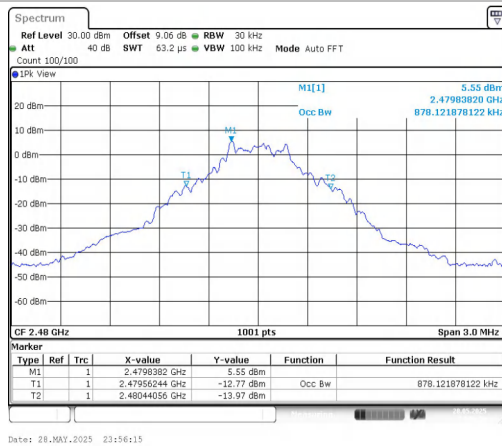


Test Graphs



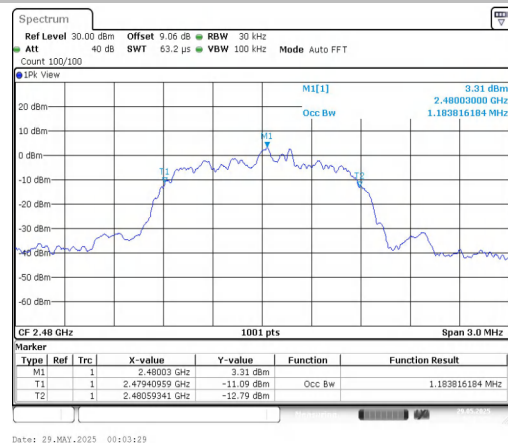
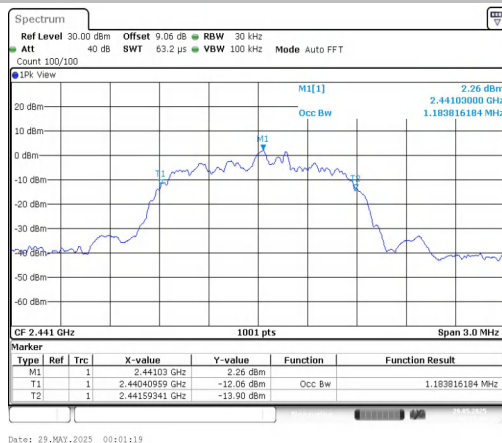
DH5-Ant1-2402

DH5-Ant1-2441



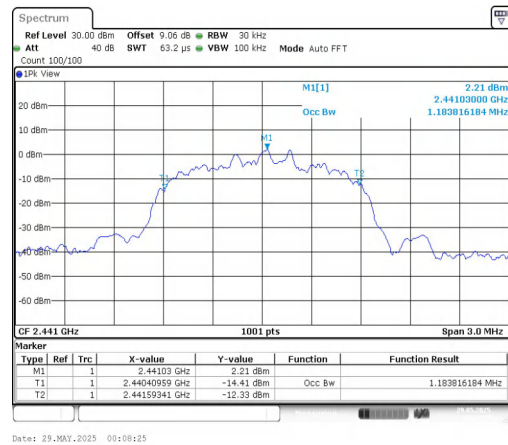
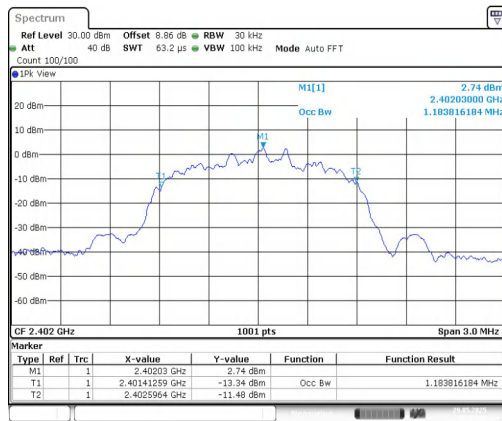
DH5-Ant1-2480

2DH5-Ant1-2402



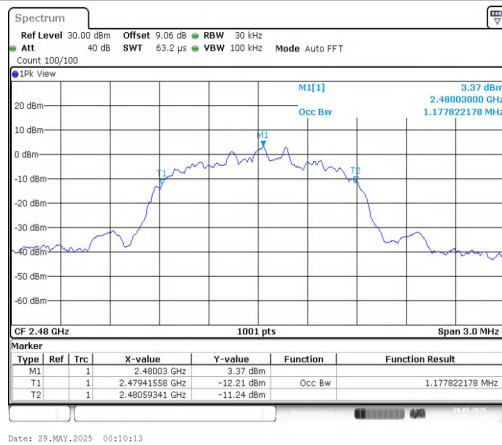
2DH5-Ant1-2441

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	6.25	≤30	0.99	7.24	--	PASS
DH5	Ant1	2441	6.21	≤30	0.99	7.20	--	PASS
DH5	Ant1	2480	7.26	≤30	0.99	8.25	--	PASS
2DH5	Ant1	2402	7.11	≤30	0.99	8.10	--	PASS
2DH5	Ant1	2441	6.47	≤30	0.99	7.46	--	PASS
2DH5	Ant1	2480	7.51	≤30	0.99	8.50	--	PASS
3DH5	Ant1	2402	7.12	≤30	0.99	8.11	--	PASS
3DH5	Ant1	2441	5.90	≤30	0.99	6.89	--	PASS
3DH5	Ant1	2480	7.63	≤30	0.99	8.62	--	PASS



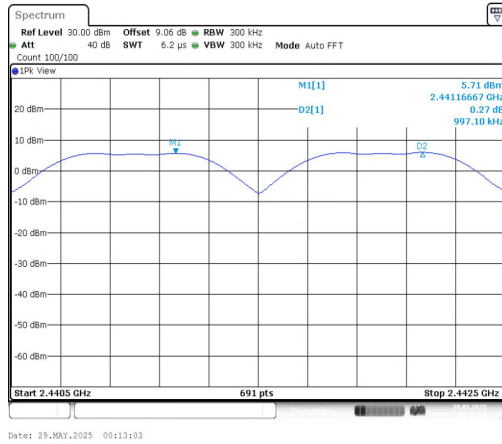
Appendix D: Carrier frequency separation

Test Result

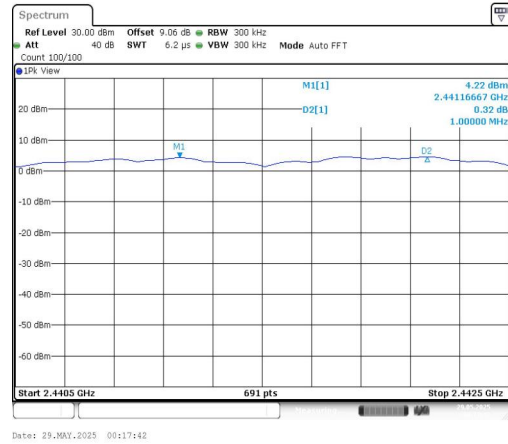
Test Mode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.997	≥ 0.970	PASS
2DH5	Ant1	Hop	1	≥ 0.860	PASS
3DH5	Ant1	Hop	0.997	≥ 0.867	PASS



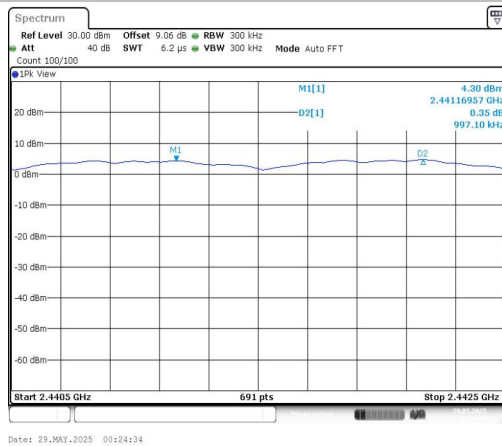
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



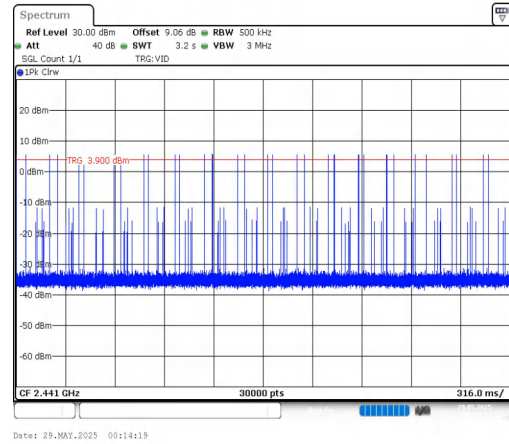
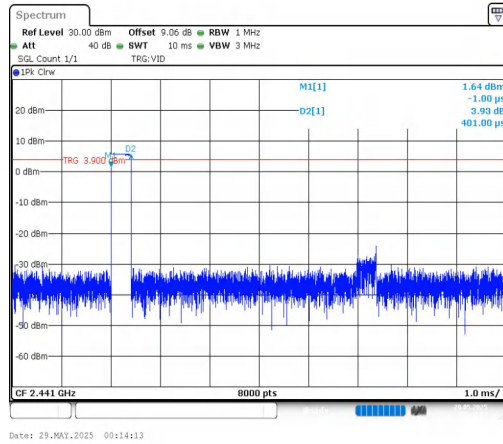
Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.401	320	0.128	≤0.4	PASS
DH3	Ant1	Hop	1.649	140	0.231	≤0.4	PASS
DH5	Ant1	Hop	2.890	110	0.318	≤0.4	PASS
2DH1	Ant1	Hop	0.394	330	0.13	≤0.4	PASS
2DH3	Ant1	Hop	1.638	130	0.213	≤0.4	PASS
2DH5	Ant1	Hop	2.879	90	0.259	≤0.4	PASS
3DH1	Ant1	Hop	0.393	320	0.126	≤0.4	PASS
3DH3	Ant1	Hop	1.634	180	0.294	≤0.4	PASS
3DH5	Ant1	Hop	2.879	120	0.345	≤0.4	PASS

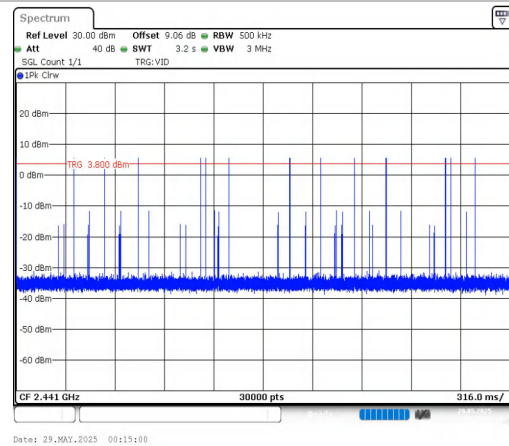
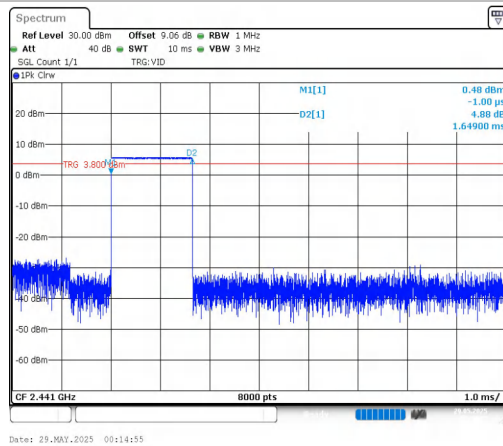


Test Graphs



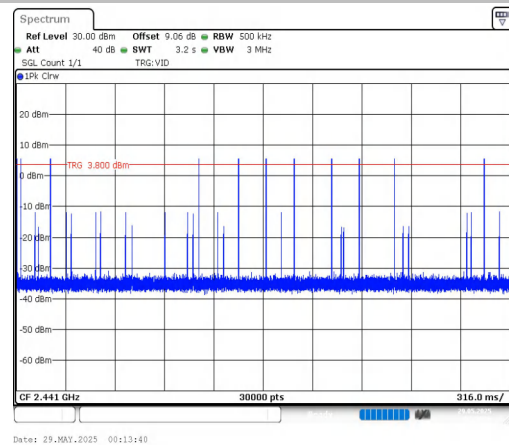
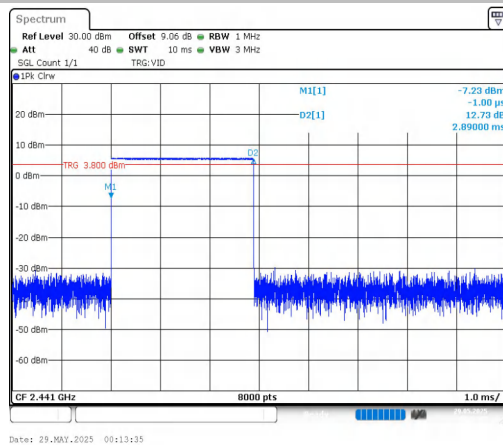
DH1-Ant1-Hop-PASS

DH1-Ant1-Hop-PASS



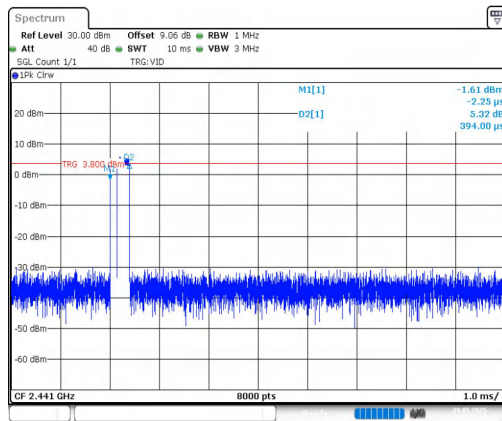
DH3-Ant1-Hop-PASS

DH3-Ant1-Hop-PASS

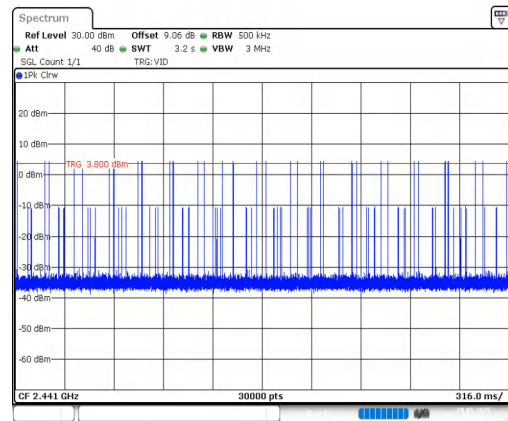


DH5-Ant1-Hop-PASS

DH5-Ant1-Hop-PASS



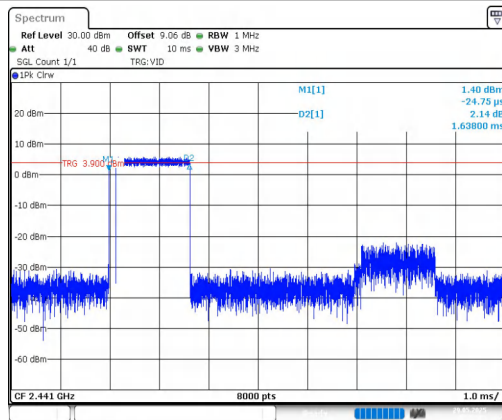
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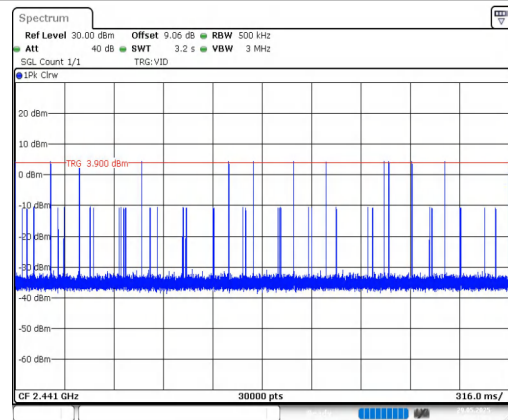
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2D1-Ant1-Hop-PASS

2D1-Ant1-Hop-PASS



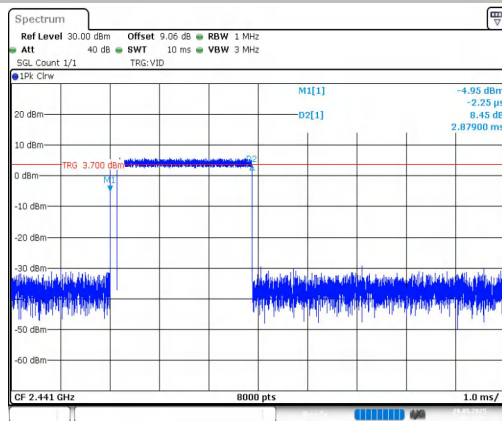
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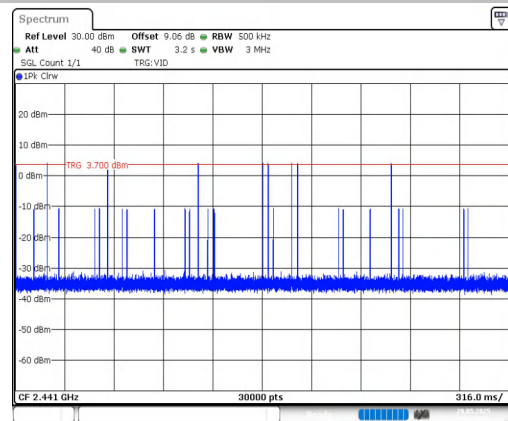
Date: 29.MAY.2025 00:21:38

2D1-Ant1-Hop-PASS

2D1-Ant1-Hop-PASS



Date: 29.MAY.2025 00:18:03



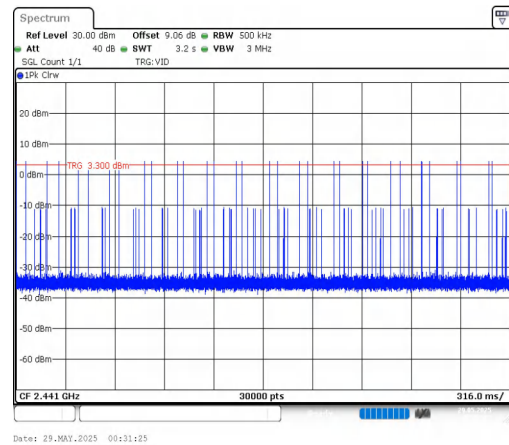
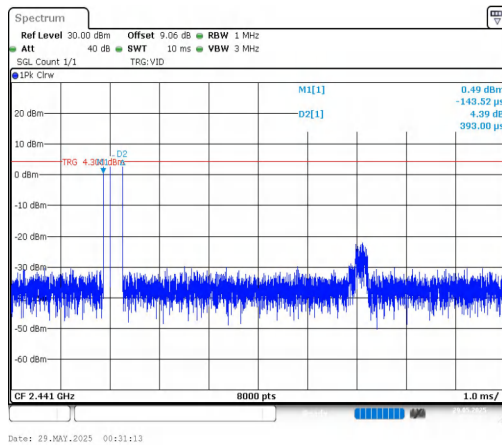
Date: 29.MAY.2025 00:18:09

2D3-Ant1-Hop-PASS

2D3-Ant1-Hop-PASS

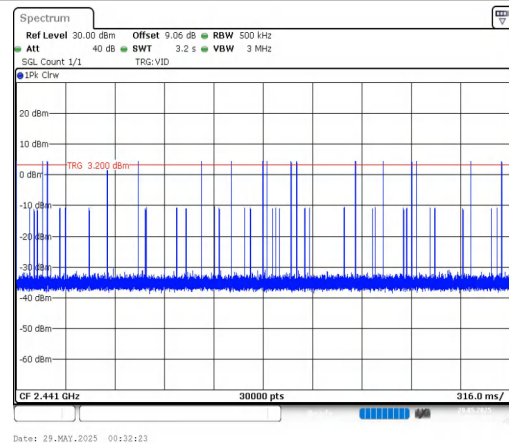
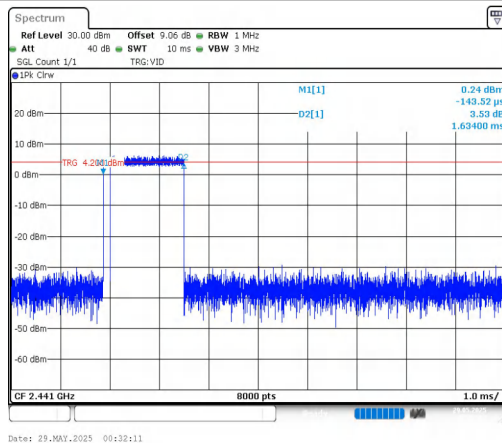
2D5-Ant1-Hop-PASS

2D5-Ant1-Hop-PASS



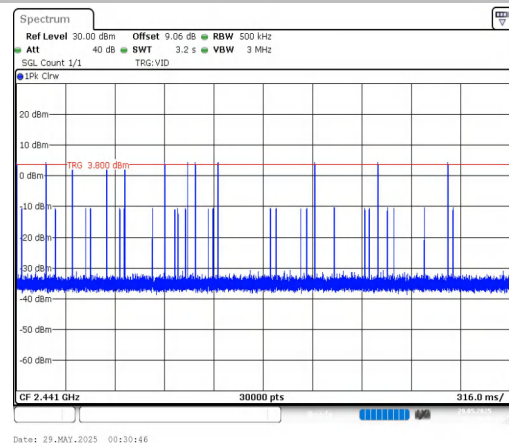
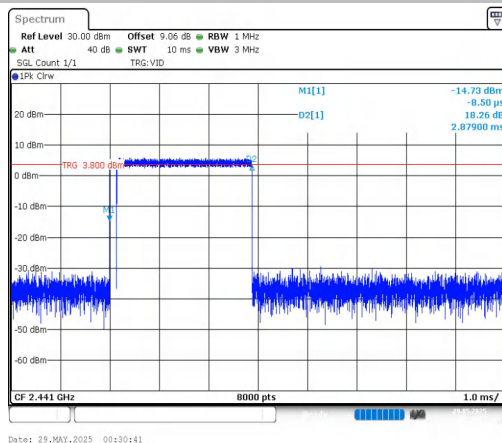
3DH1-Ant1-Hop-PASS

3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS

3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

3DH5-Ant1-Hop-PASS



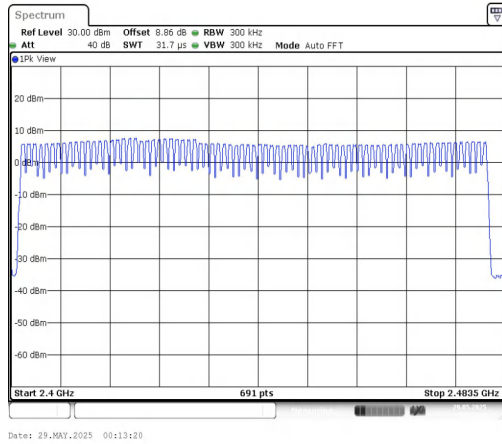
Appendix F: Number of hopping channels

Test Result

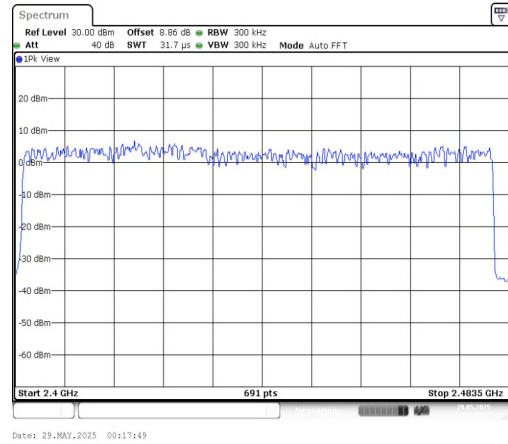
Test Mode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



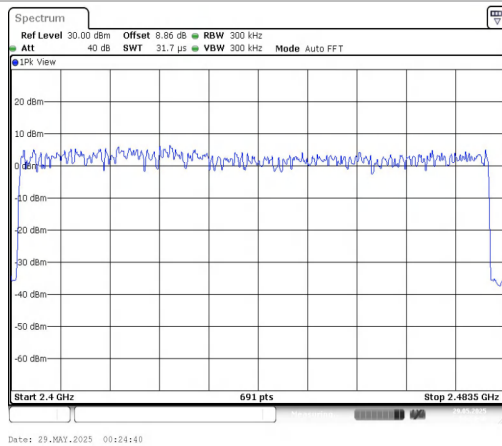
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



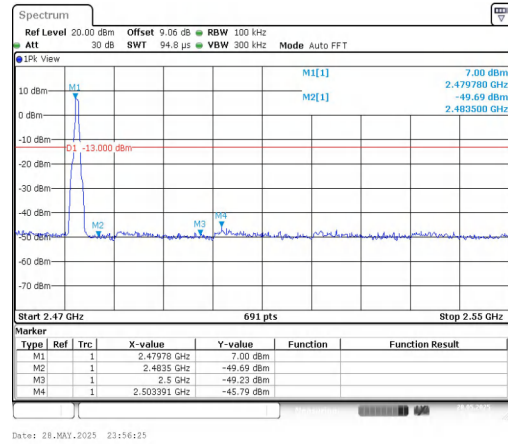
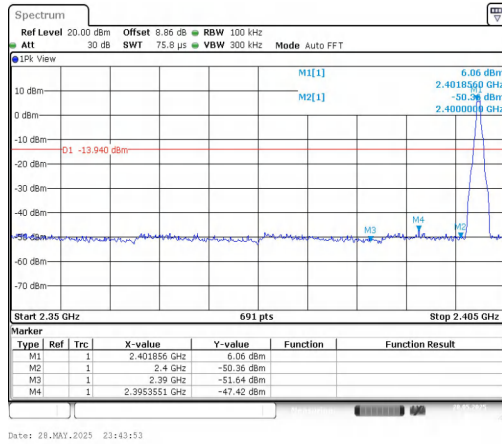
Appendix G: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Freq(MHz)	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	6.06	-47.42	≤ -13.94	PASS
DH5	Ant1	High	2480	7.00	-45.79	≤ -13	PASS
DH5	Ant1	Low	Hop_2402	5.36	-47.83	≤ -14.64	PASS
DH5	Ant1	High	Hop_2480	6.77	-45.59	≤ -13.23	PASS
2DH5	Ant1	Low	2402	4.96	-44.75	≤ -15.04	PASS
2DH5	Ant1	High	2480	5.37	-46.32	≤ -14.63	PASS
2DH5	Ant1	Low	Hop_2402	1.84	-47.32	≤ -18.16	PASS
2DH5	Ant1	High	Hop_2480	4.68	-46.75	≤ -15.32	PASS
3DH5	Ant1	Low	2402	5.08	-44.43	≤ -14.92	PASS
3DH5	Ant1	High	2480	5.67	-46.3	≤ -14.33	PASS
3DH5	Ant1	Low	Hop_2402	4.21	-45.46	≤ -15.79	PASS
3DH5	Ant1	High	Hop_2480	5.23	-46.63	≤ -14.77	PASS

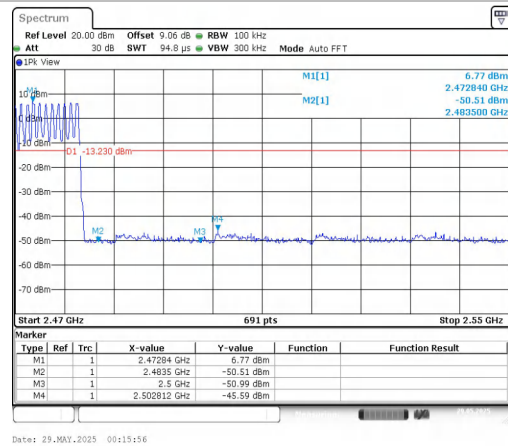
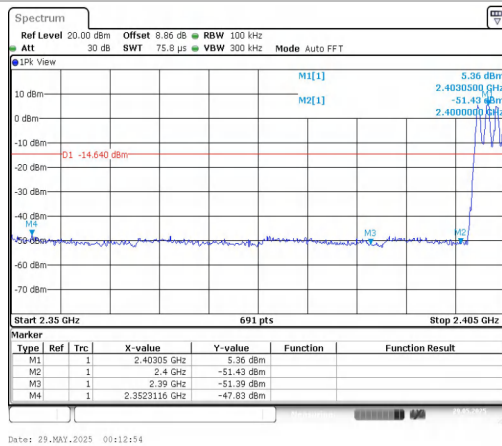


Test Graphs



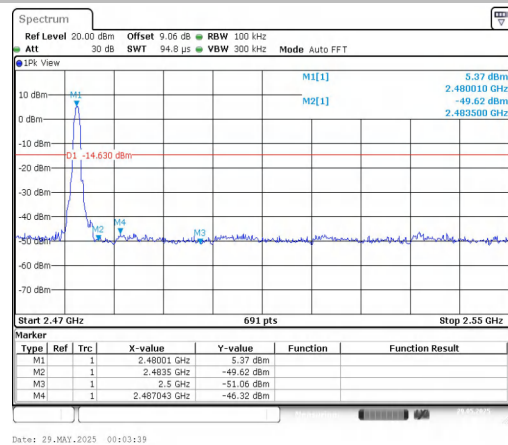
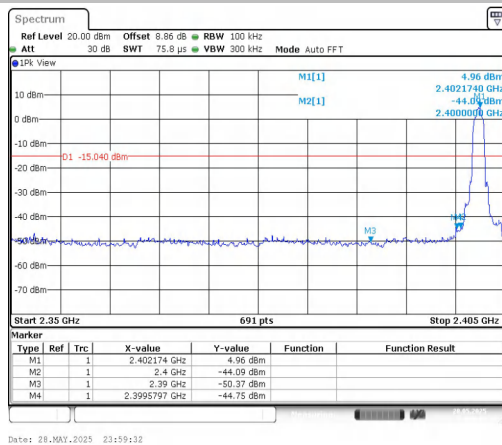
DH5-Ant1-2402-PASS

DH5-Ant1-2480-PASS



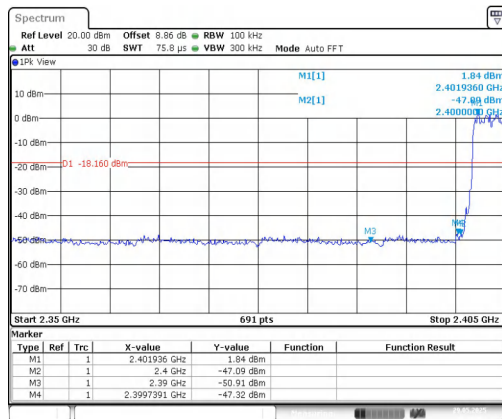
DH5-Ant1-Hop_2402-PASS

DH5-Ant1-Hop_2480-PASS

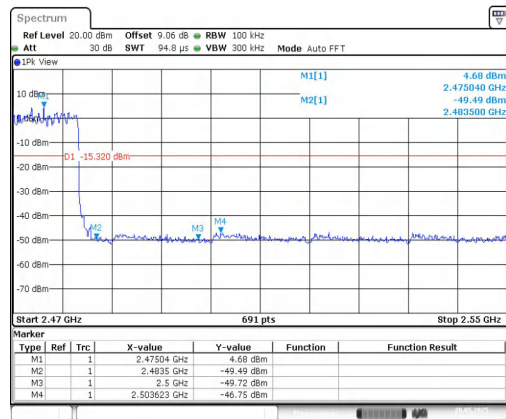


2DH5-Ant1-2402-PASS

2DH5-Ant1-2480-PASS



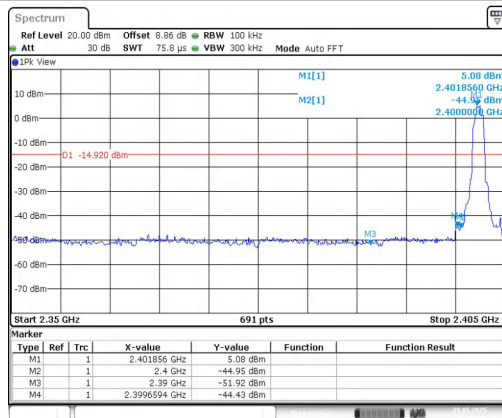
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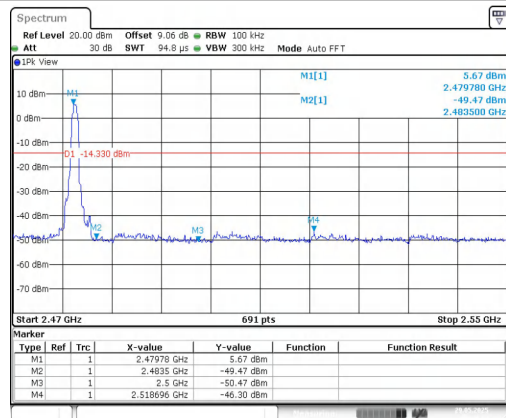
Date: 29.MAY.2025 00:22:07

2DH5-Ant1-Hop_2402-PASS

2DH5-Ant1-Hop_2480-PASS



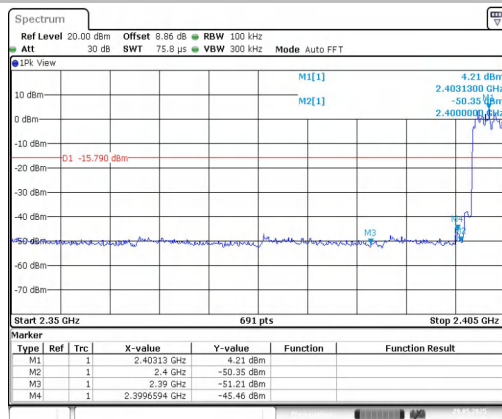
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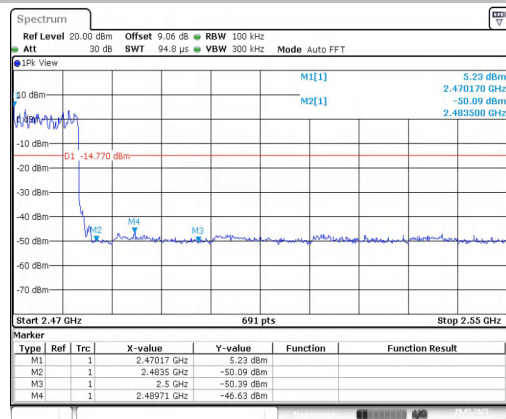
Date: 29.MAY.2025 00:10:22

3DH5-Ant1-2402-PASS

3DH5-Ant1-2480-PASS



Date: 29.MAY.2025 00:22:36



Date: 29.MAY.2025 00:32:44

3DH5-Ant1-Hop_2402-PASS

3DH5-Ant1-Hop_2480-PASS



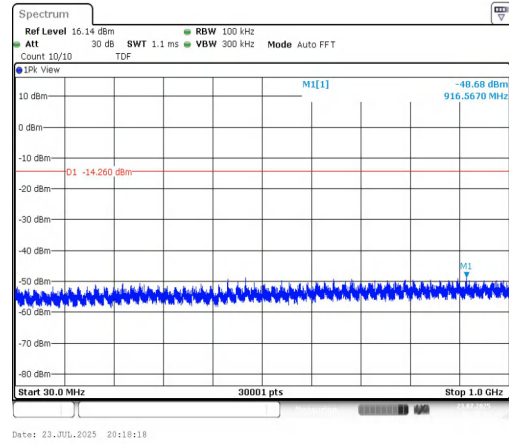
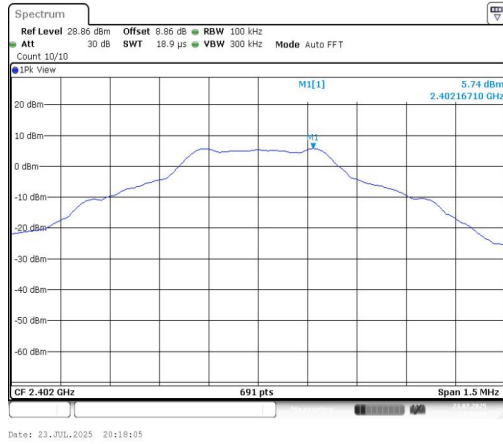
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Freq(MHz)	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	5.74	5.74	---	PASS
DH5	Ant1	2402	30~1000	5.74	-48.68	≤-14.26	PASS
DH5	Ant1	2402	1000~26500	5.74	-32.14	≤-14.26	PASS
DH5	Ant1	2441	0~Reference	5.43	5.43	---	PASS
DH5	Ant1	2441	30~1000	5.43	-48.92	≤-14.57	PASS
DH5	Ant1	2441	1000~26500	5.43	-32.23	≤-14.57	PASS
DH5	Ant1	2480	0~Reference	6.05	6.05	---	PASS
DH5	Ant1	2480	30~1000	6.05	-46.52	≤-13.95	PASS
DH5	Ant1	2480	1000~26500	6.05	-33.4	≤-13.95	PASS
2DH5	Ant1	2402	0~Reference	4.81	4.81	---	PASS
2DH5	Ant1	2402	30~1000	4.81	-48.49	≤-15.19	PASS
2DH5	Ant1	2402	1000~26500	4.81	-32.97	≤-15.19	PASS
2DH5	Ant1	2441	0~Reference	4.10	4.10	---	PASS
2DH5	Ant1	2441	30~1000	4.10	-48.12	≤-15.9	PASS
2DH5	Ant1	2441	1000~26500	4.10	-33.14	≤-15.9	PASS
2DH5	Ant1	2480	0~Reference	4.74	4.74	---	PASS
2DH5	Ant1	2480	30~1000	4.74	-48.69	≤-15.26	PASS
2DH5	Ant1	2480	1000~26500	4.74	-32.78	≤-15.26	PASS
3DH5	Ant1	2402	0~Reference	4.98	4.98	---	PASS
3DH5	Ant1	2402	30~1000	4.98	-48.91	≤-15.02	PASS
3DH5	Ant1	2402	1000~26500	4.98	-32.4	≤-15.02	PASS
3DH5	Ant1	2441	0~Reference	4.26	4.26	---	PASS
3DH5	Ant1	2441	30~1000	4.26	-48.74	≤-15.74	PASS
3DH5	Ant1	2441	1000~26500	4.26	-32.95	≤-15.74	PASS
3DH5	Ant1	2480	0~Reference	4.85	4.85	---	PASS
3DH5	Ant1	2480	30~1000	4.85	-48.93	≤-15.15	PASS
3DH5	Ant1	2480	1000~26500	4.85	-33.33	≤-15.15	PASS

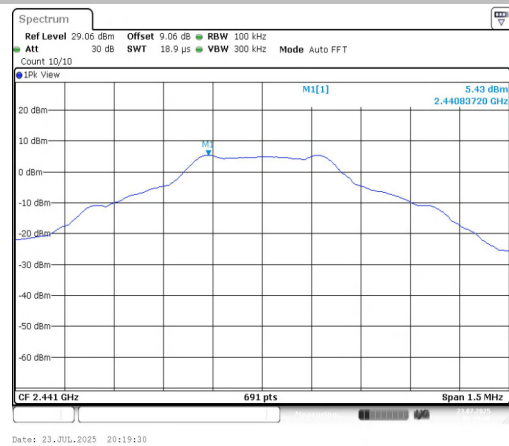
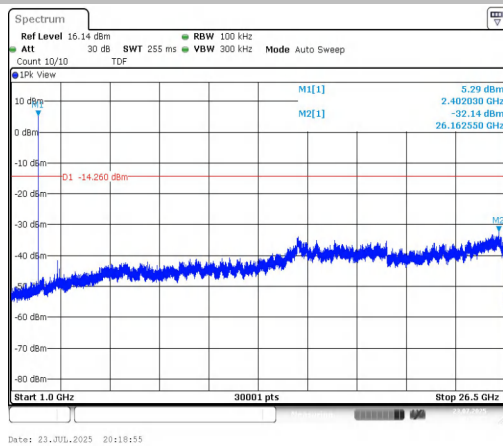


Test Graphs



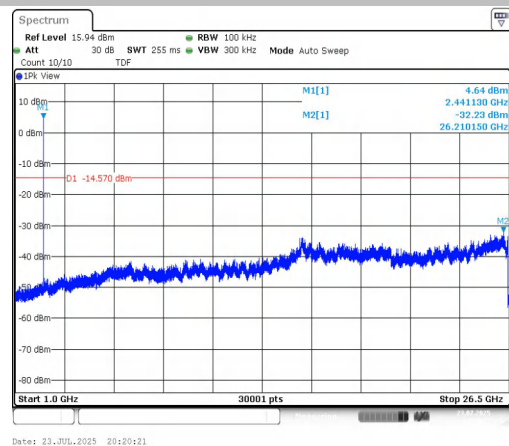
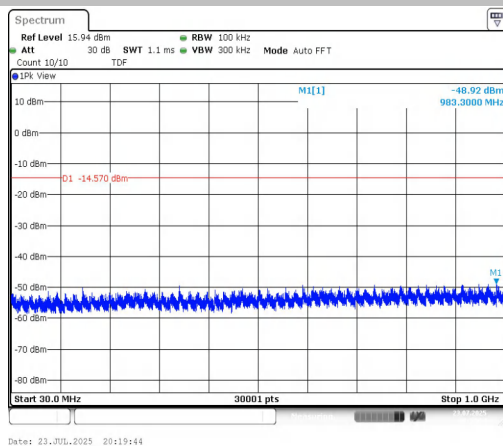
DH5-Ant1-2402-0~Reference-PASS

DH5-Ant1-2402-30~1000-PASS



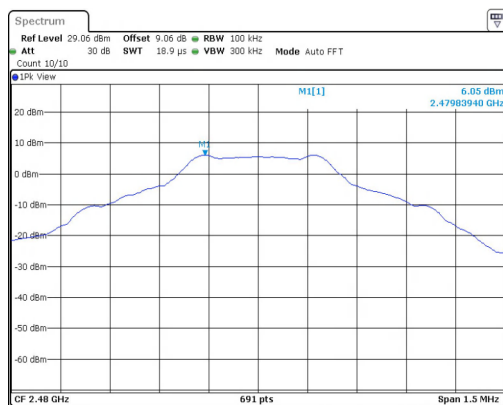
DH5-Ant1-2402-1000~26500-PASS

DH5-Ant1-2441-0~Reference-PASS

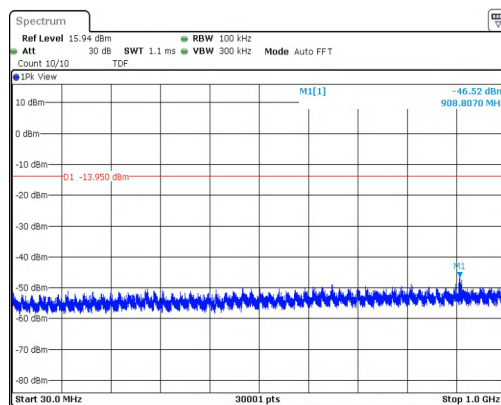


DH5-Ant1-2441-30~1000-PASS

DH5-Ant1-2441-1000~26500-PASS



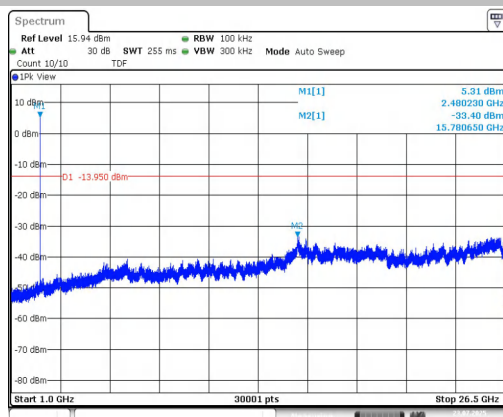
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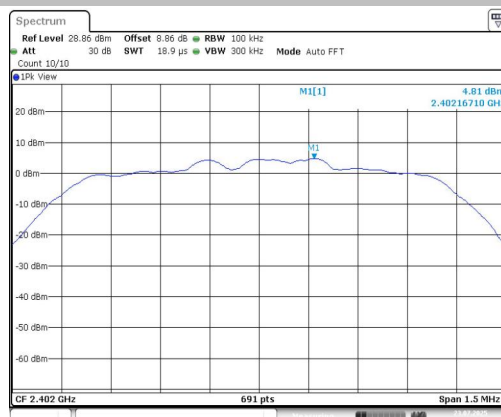
Date: 23-JUL-2025 20:21:01

DH5-Ant1-2480-0~Reference-PASS

DH5-Ant1-2480-30~1000-PASS



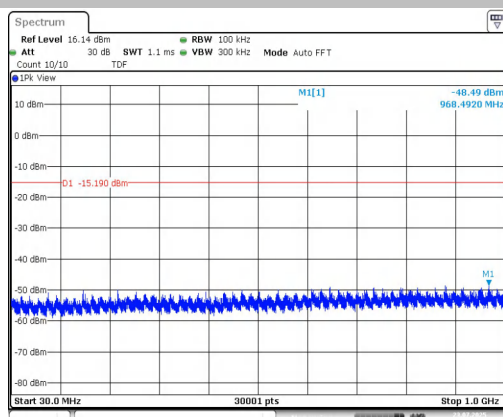
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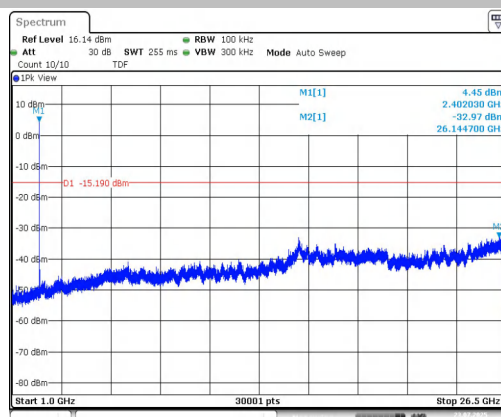
Date: 23-JUL-2025 20:22:12

DH5-Ant1-2480-1000~26500-PASS

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



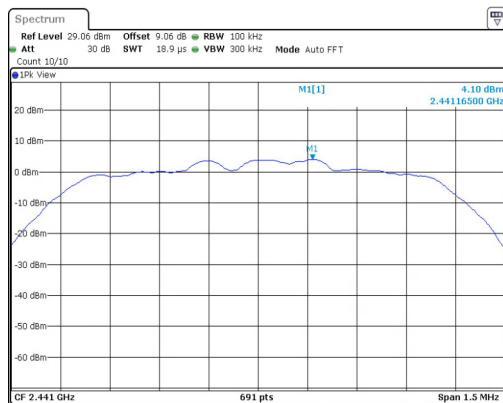
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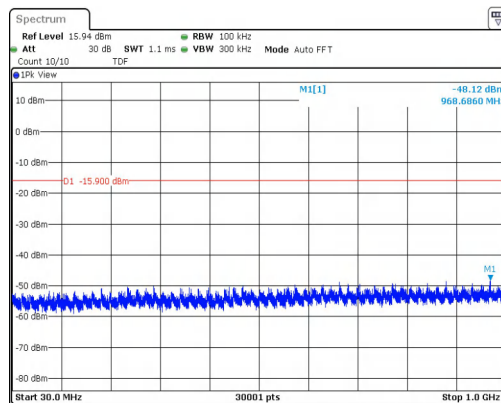
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2DH5-Ant1-2402-30~1000-PASS

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



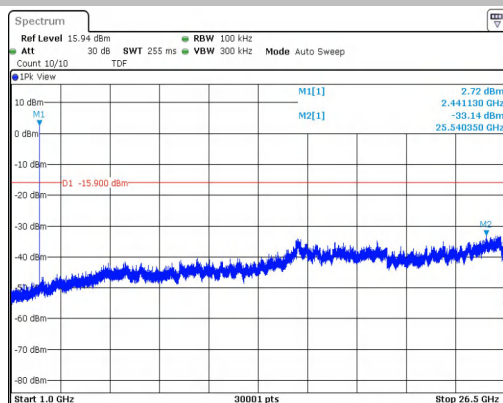
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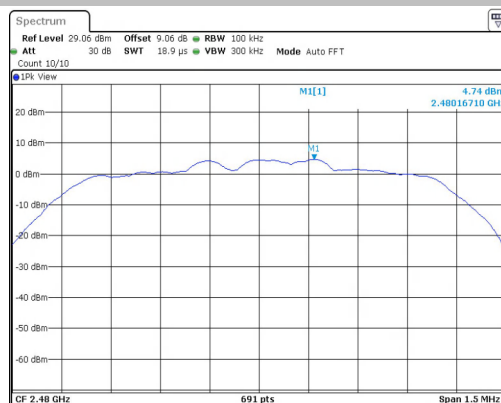
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2DH5-Ant1-2441-0~Reference-PASS

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



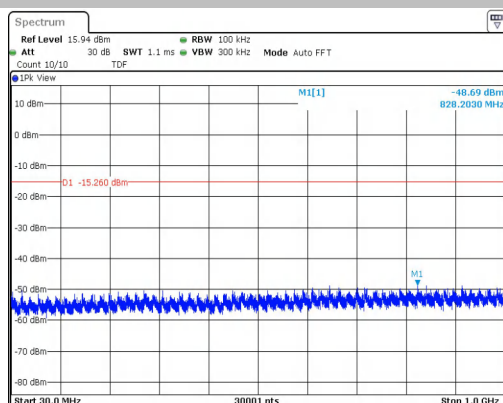
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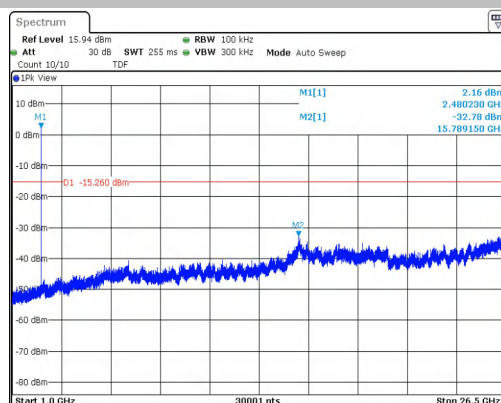
Date: 23.JUL.2025 20:30:49

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

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



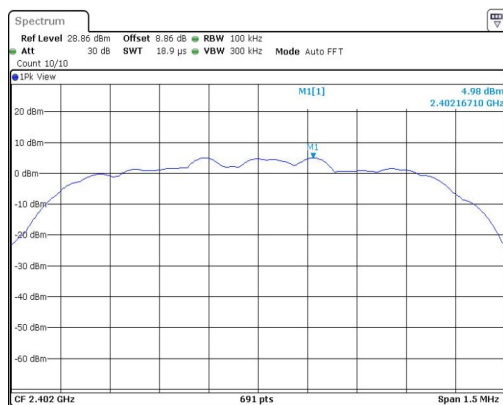
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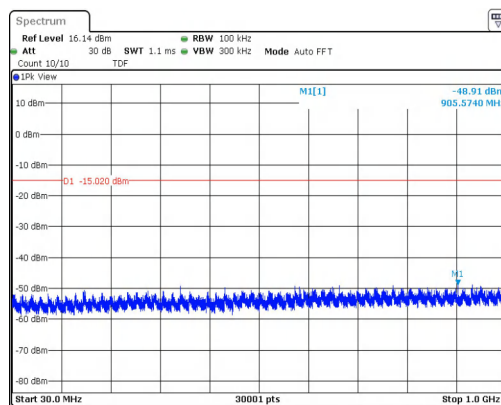
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2DH5-Ant1-2480-30~1000-PASS

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



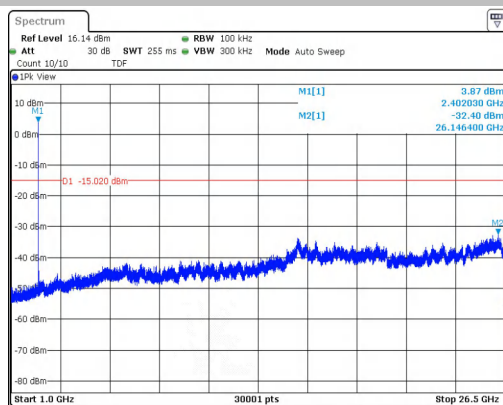
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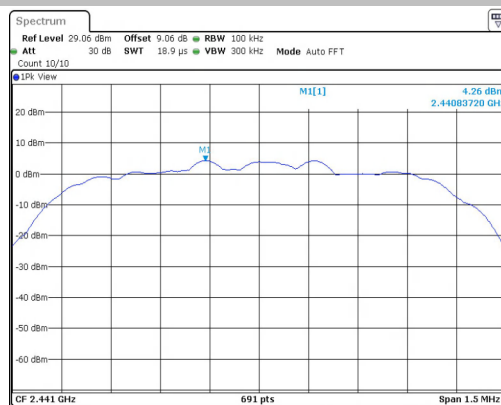
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3DH5-Ant1-2402-0~Reference-PASS

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



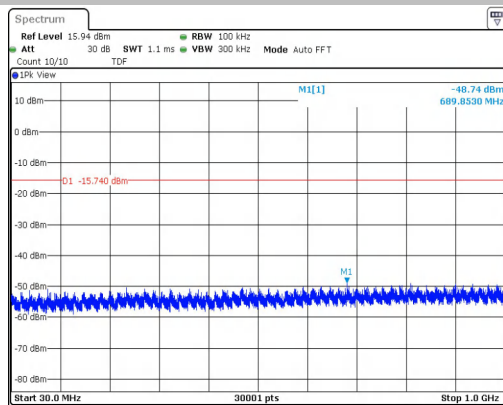
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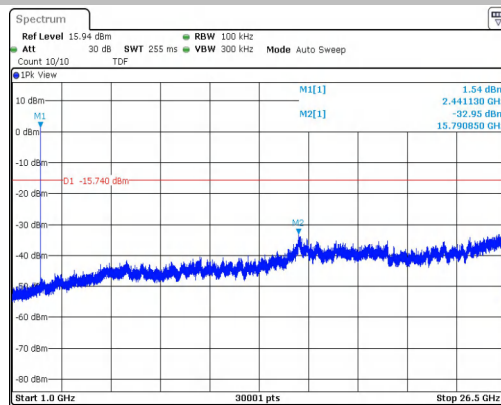
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3DH5-Ant1-2402-1000~26500-PASS

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



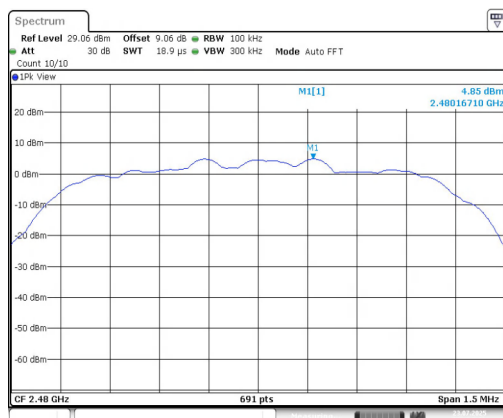
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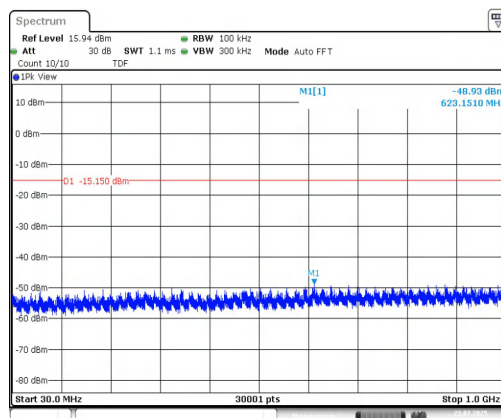
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3DH5-Ant1-2441-30~1000-PASS

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



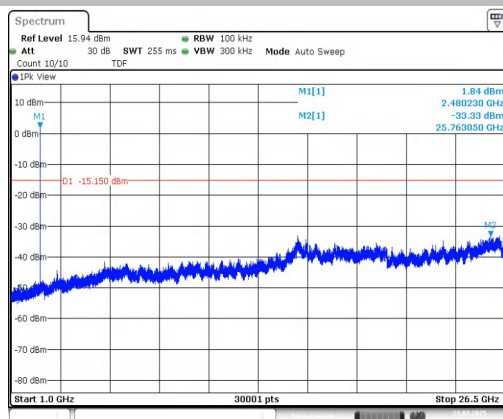
Date: 23.JUL.2025 20:35:11



Date: 23.JUL.2025 20:35:25

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

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



Date: 23.JUL.2025 20:36:02

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



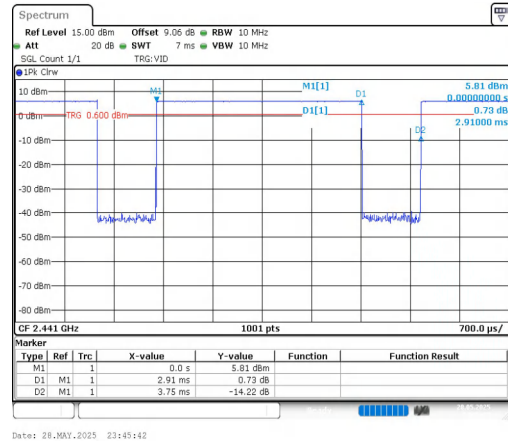
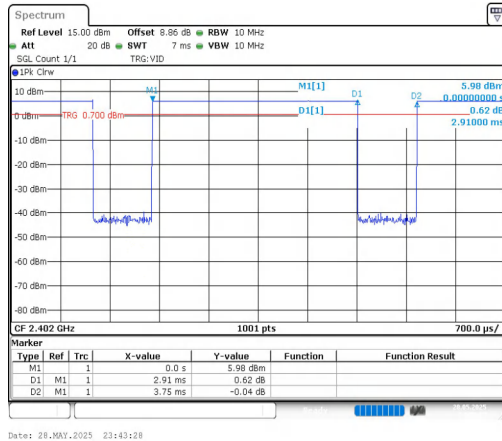
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor (dB)
DH5	Ant1	2402	2.91	3.75	77.60	1.10
DH5	Ant1	2441	2.91	3.75	77.60	1.10
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	0.14	0.14	100.00	0.00
2DH5	Ant1	2441	2.89	3.74	77.27	1.12
2DH5	Ant1	2480	2.90	3.75	77.33	1.12
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.90	3.75	77.33	1.12
3DH5	Ant1	2480	2.90	3.75	77.33	1.12

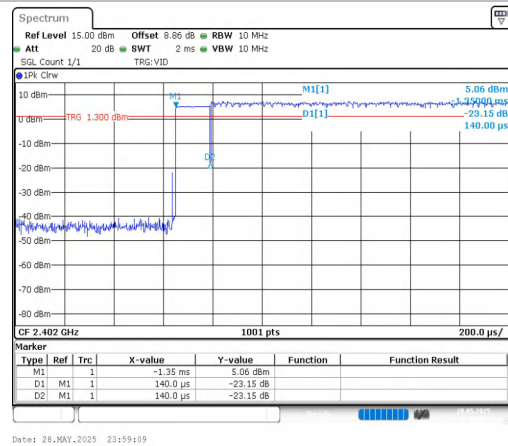
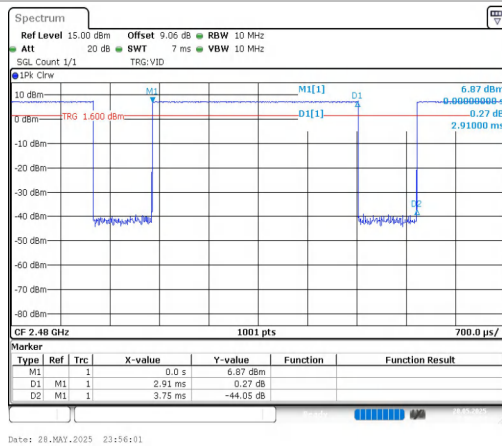


Test Graphs



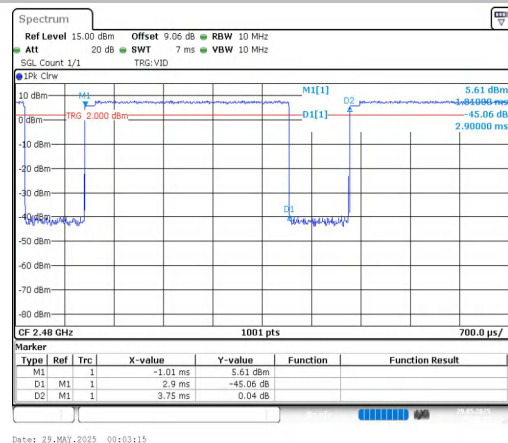
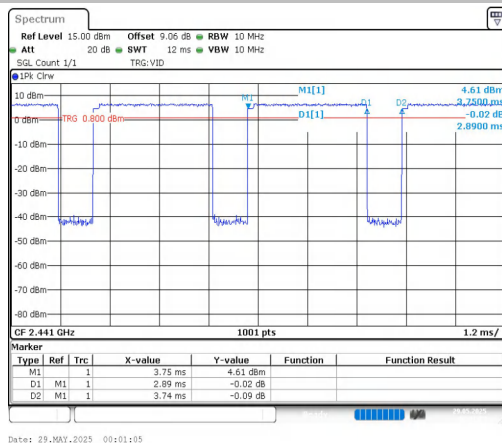
NTNV-DH5-Ant1-2402

NTNV-DH5-Ant1-2441



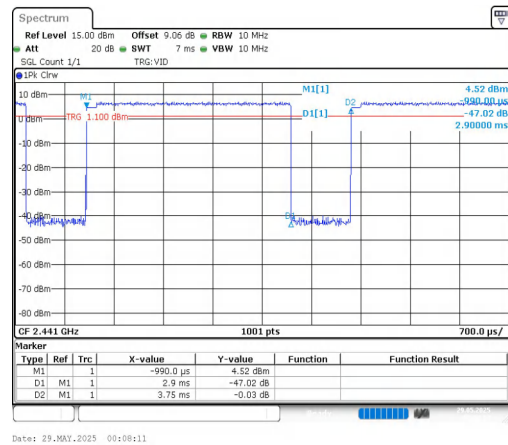
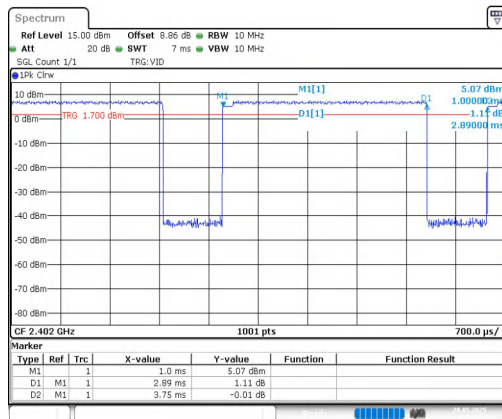
NTNV-DH5-Ant1-2480

NTNV-2DH5-Ant1-2402



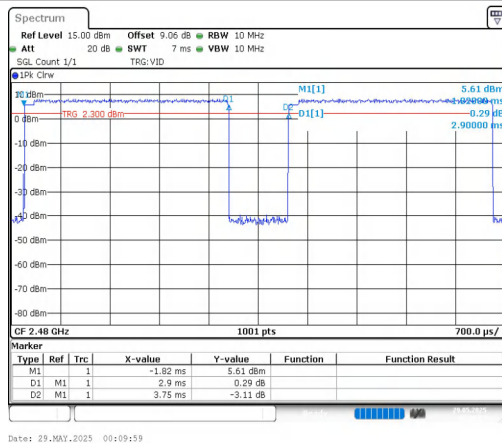
NTNV-2DH5-Ant1-2441

NTNV-2DH5-Ant1-2480



NTNV-3DH5-Ant1-2402

NTNV-3DH5-Ant1-2441



NTNV-3DH5-Ant1-2480

-----END-----