



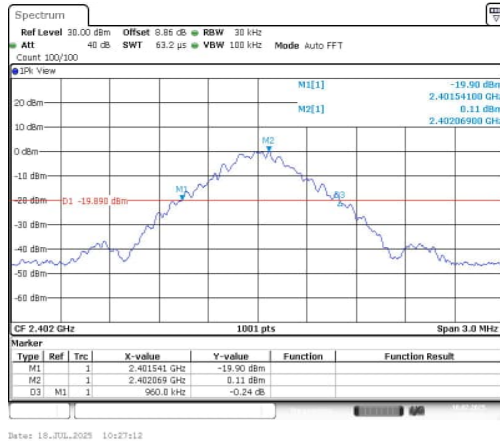
Appendix A: 20dB Emission Bandwidth

Test Result

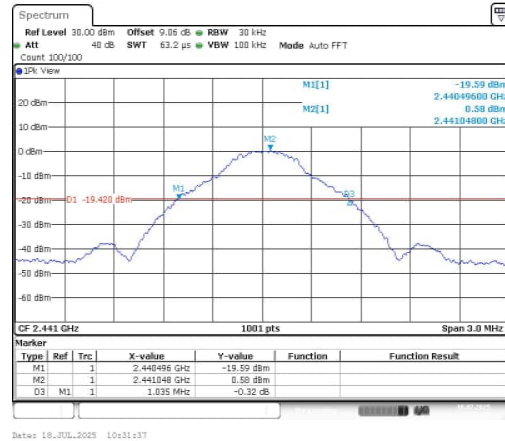
Test Mode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96	2401.54	2402.50	---	---
DH5	Ant1	2441	1.03	2440.50	2441.53	---	---
DH5	Ant1	2480	1.02	2479.50	2480.52	---	---
2DH5	Ant1	2402	1.36	2401.33	2402.69	---	---
2DH5	Ant1	2441	1.36	2440.33	2441.69	---	---
2DH5	Ant1	2480	1.36	2479.33	2480.69	---	---
3DH5	Ant1	2402	1.37	2401.32	2402.69	---	---
3DH5	Ant1	2441	1.36	2440.33	2441.69	---	---
3DH5	Ant1	2480	1.37	2479.32	2480.69	---	---



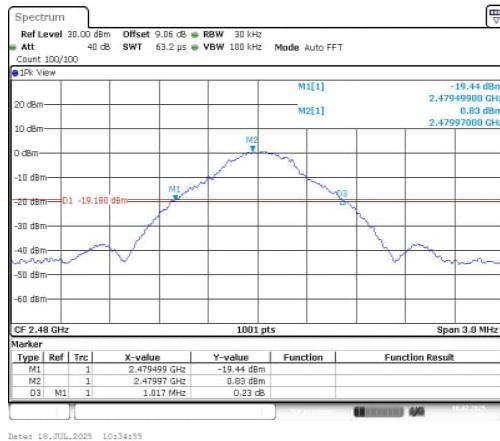
Test Graphs



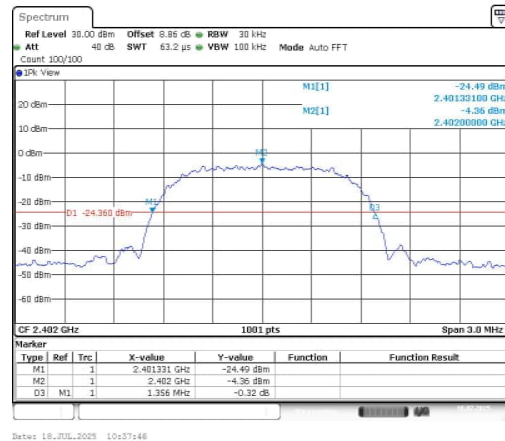
DH5-Ant1-2402



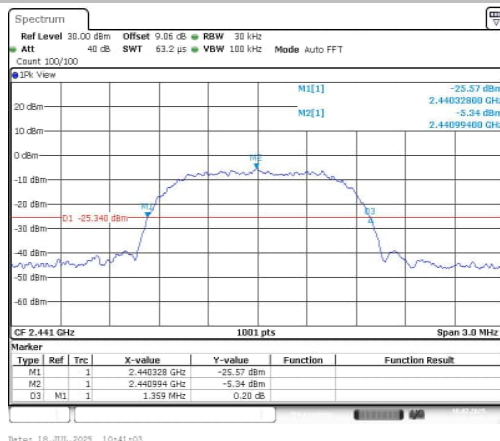
DH5-Ant1-2441



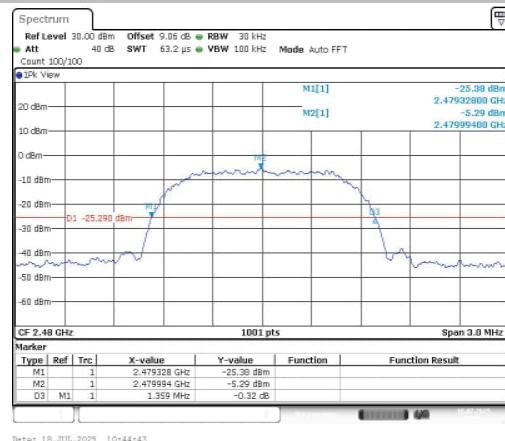
DH5-Ant1-2480



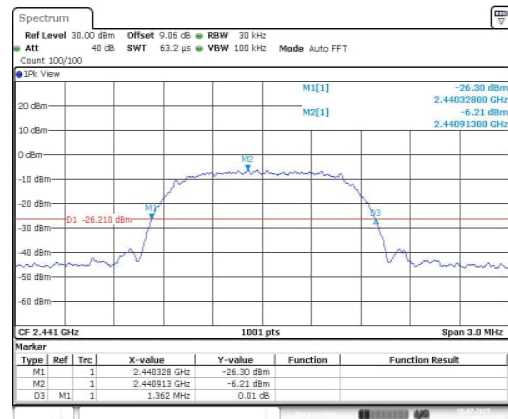
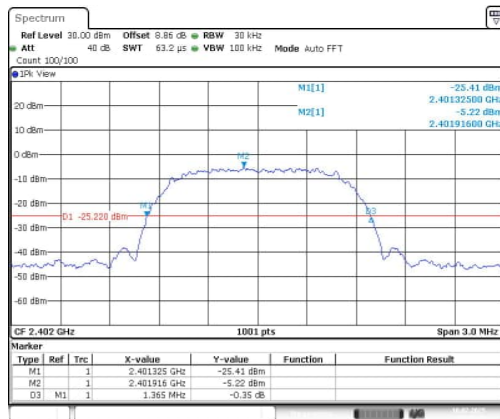
2DH5-Ant1-2402



2DH5-Ant1-2441

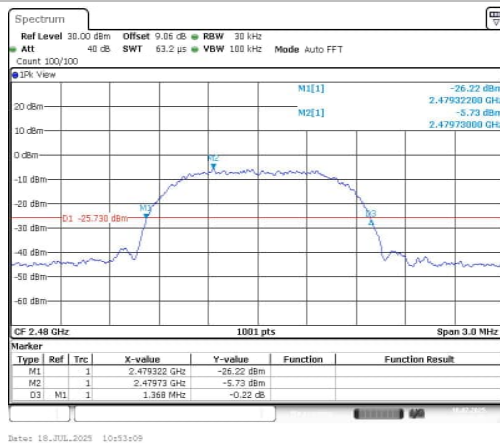


2DH5-Ant1-2480



3DH5-Ant1-2402

3DH5-Ant1-2441



3DH5-Ant1-2480



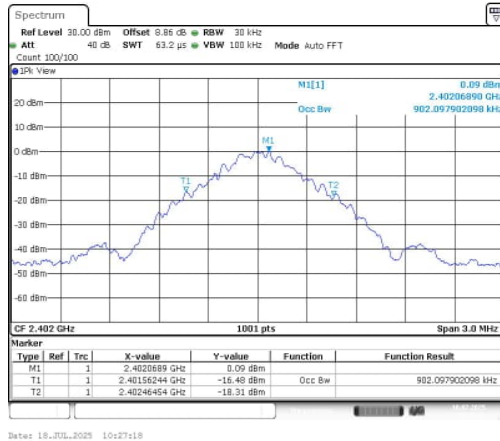
Appendix B: Occupied Channel Bandwidth

Test Result

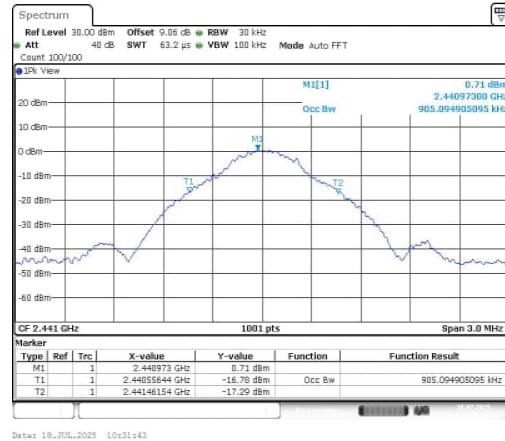
Test Mode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.902	2401.5624	2402.4645	---	---
DH5	Ant1	2441	0.905	2440.5564	2441.4615	---	---
DH5	Ant1	2480	0.908	2479.5564	2480.4645	---	---
2DH5	Ant1	2402	1.193	2401.4096	2402.6024	---	---
2DH5	Ant1	2441	1.196	2440.4126	2441.6084	---	---
2DH5	Ant1	2480	1.193	2479.4126	2480.6054	---	---
3DH5	Ant1	2402	1.19	2401.4156	2402.6054	---	---
3DH5	Ant1	2441	1.196	2440.4096	2441.6054	---	---
3DH5	Ant1	2480	1.19	2479.4156	2480.6054	---	---



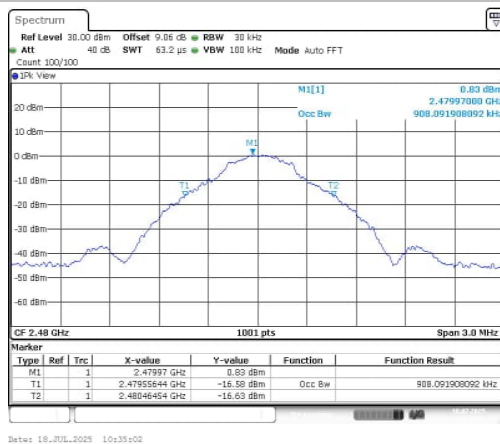
Test Graphs



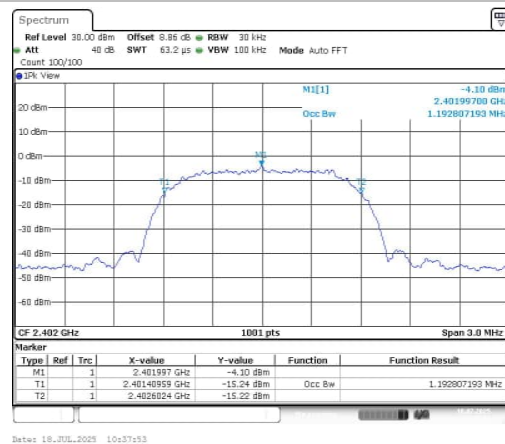
DH5-Ant1-2402



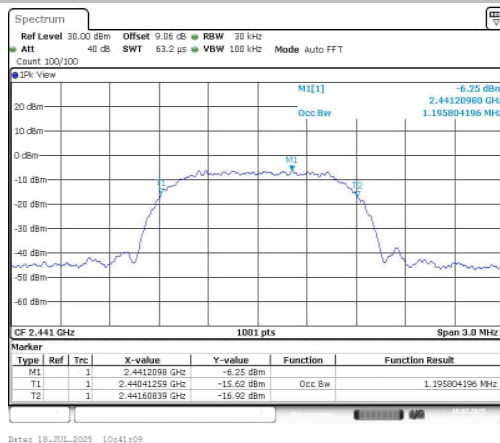
DH5-Ant1-2441



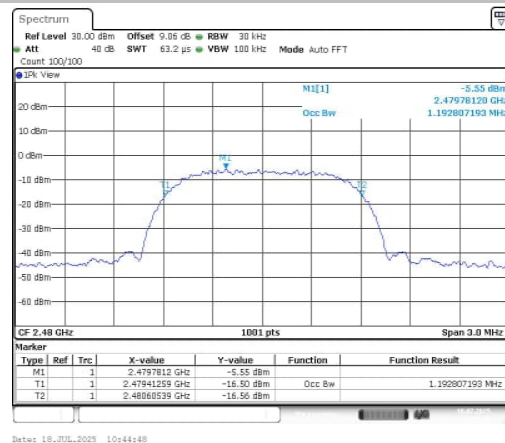
DH5-Ant1-2480



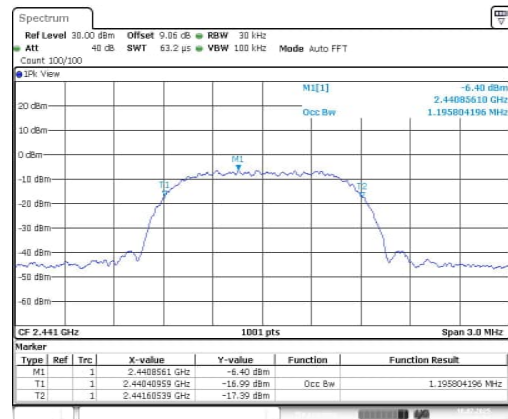
2DH5-Ant1-2402



2DH5-Ant1-2441

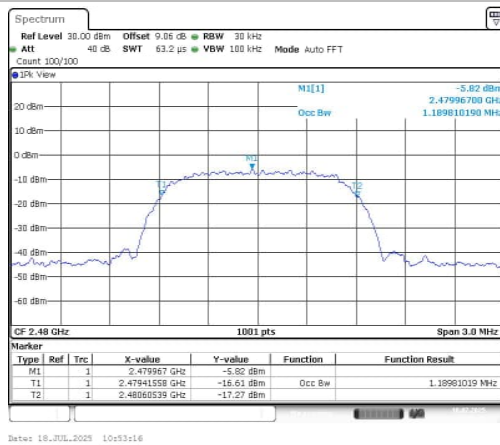


2DH5-Ant1-2480



3DH5-Ant1-2402

3DH5-Ant1-2441



3DH5-Ant1-2480



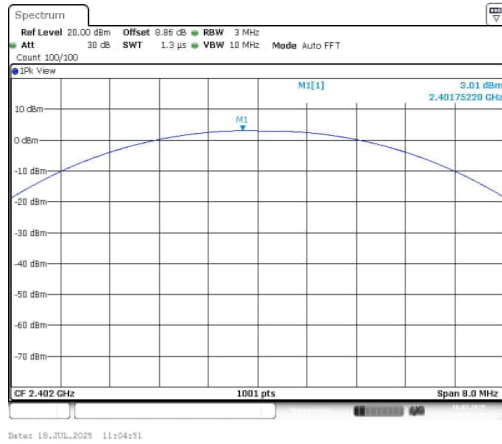
Appendix C: Maximum conducted output power

Test Result Peak

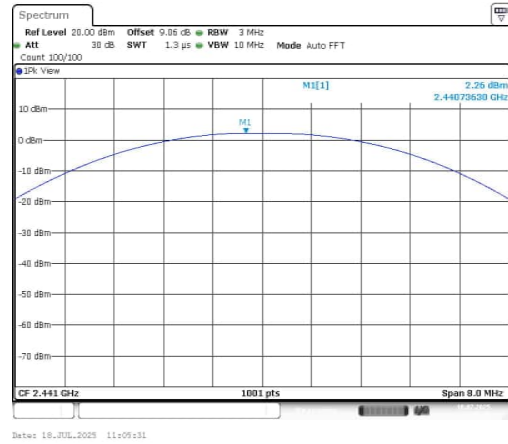
Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
DH5	Ant1	2402	3.01	≤20.97	3.89	6.90	≤36	PASS
DH5	Ant1	2441	2.26	≤20.97	3.89	6.15	≤36	PASS
DH5	Ant1	2480	2.45	≤20.97	3.89	6.34	≤36	PASS
2DH5	Ant1	2402	2.10	≤20.97	3.89	5.99	≤36	PASS
2DH5	Ant1	2441	1.07	≤20.97	3.89	4.96	≤36	PASS
2DH5	Ant1	2480	1.36	≤20.97	3.89	5.25	≤36	PASS
3DH5	Ant1	2402	2.44	≤20.97	3.89	6.33	≤36	PASS
3DH5	Ant1	2441	1.52	≤20.97	3.89	5.41	≤36	PASS
3DH5	Ant1	2480	1.77	≤20.97	3.89	5.66	≤36	PASS



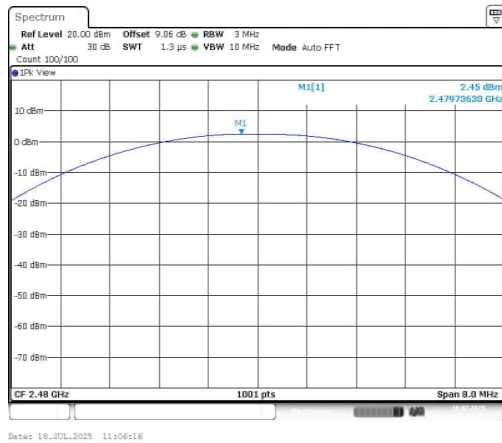
Test Graphs



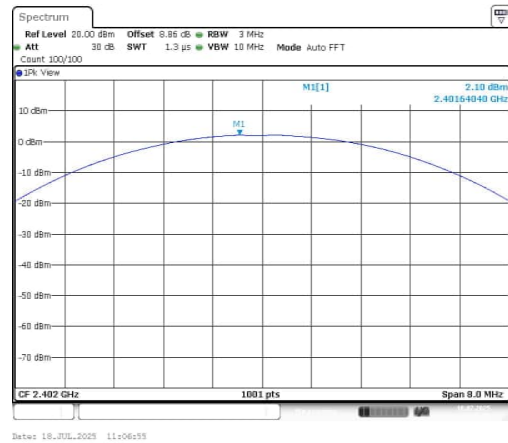
DH5-Ant1-2402-PASS



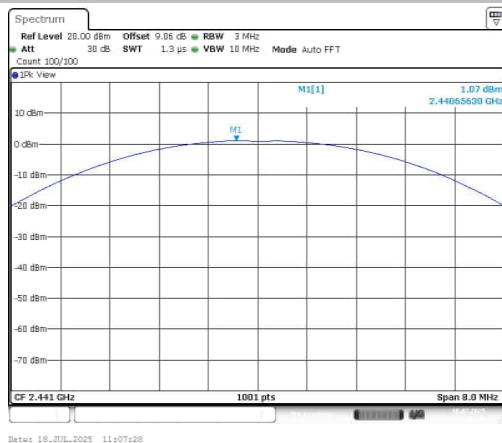
DH5-Ant1-2441-PASS



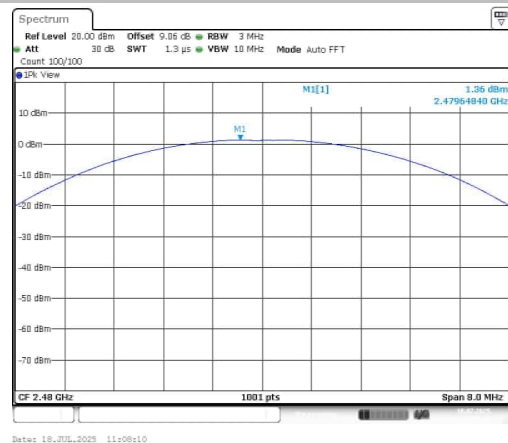
DH5-Ant1-2480-PASS



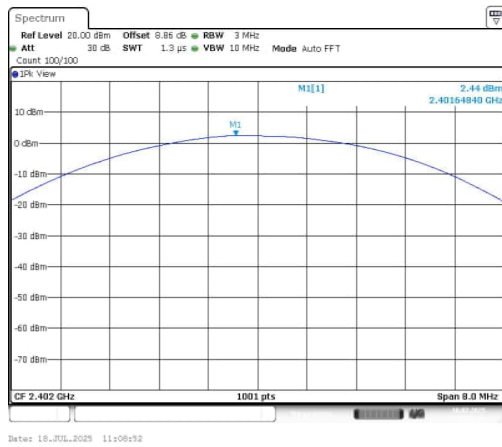
2DH5-Ant1-2402-PASS



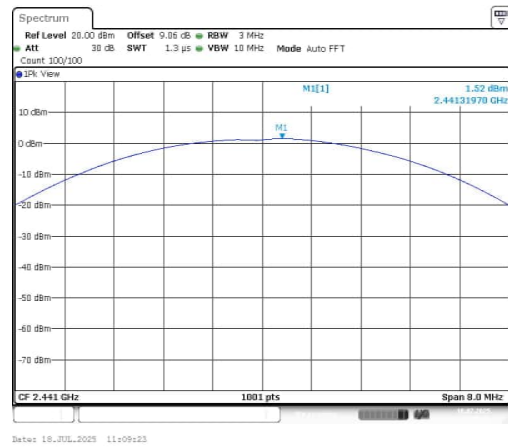
2DH5-Ant1-2441-PASS



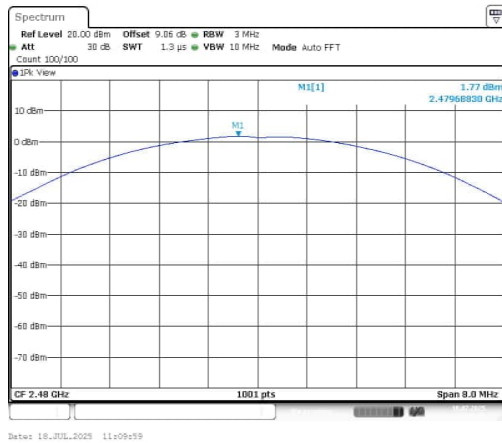
2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



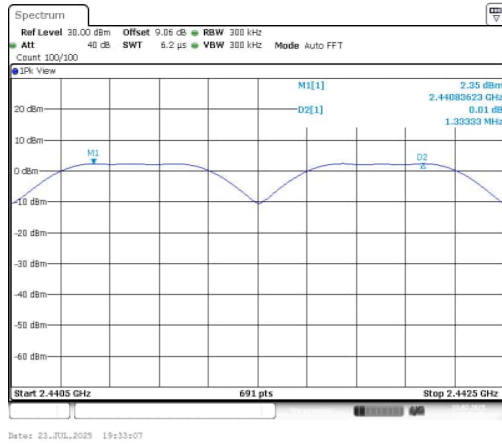
Appendix D: Carrier frequency separation

Test Result

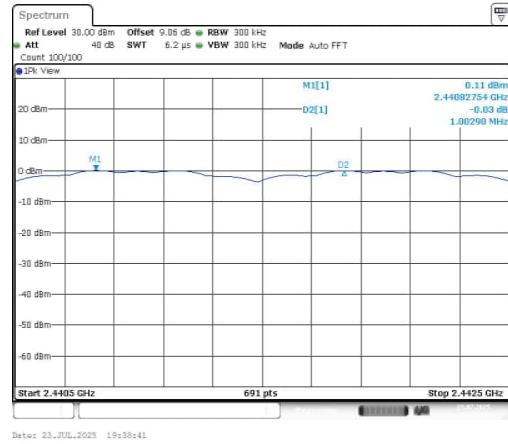
Test Mode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.333	≥ 1.030	PASS
2DH5	Ant1	Hop	1.003	≥ 0.907	PASS
3DH5	Ant1	Hop	1.301	≥ 0.913	PASS



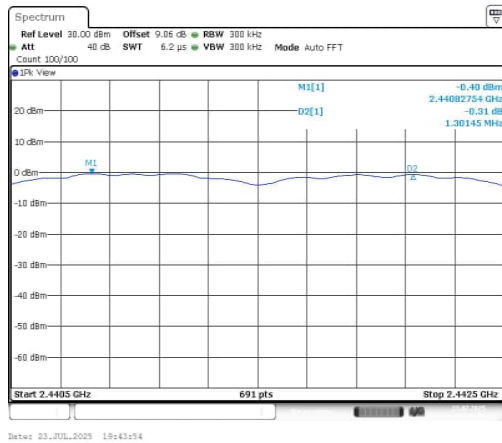
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



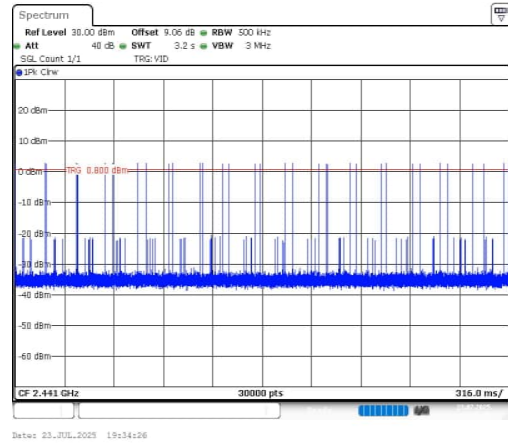
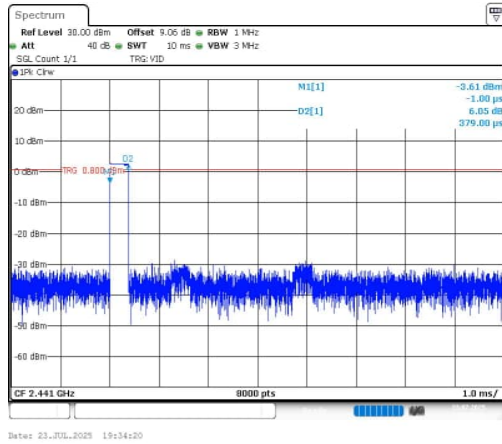
Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.379	320	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.628	140	0.228	≤0.4	PASS
DH5	Ant1	Hop	2.868	130	0.373	≤0.4	PASS
2DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.631	160	0.261	≤0.4	PASS
2DH5	Ant1	Hop	2.873	60	0.172	≤0.4	PASS
3DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.631	160	0.261	≤0.4	PASS
3DH5	Ant1	Hop	2.874	90	0.259	≤0.4	PASS

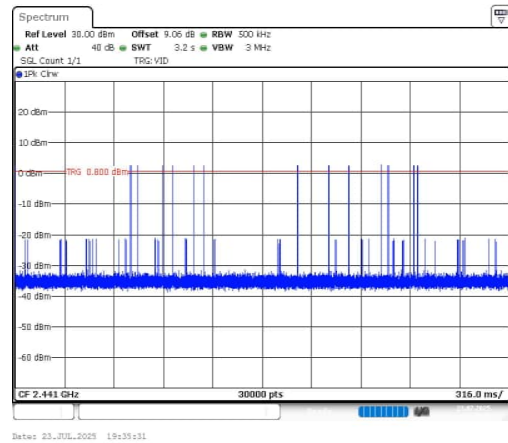
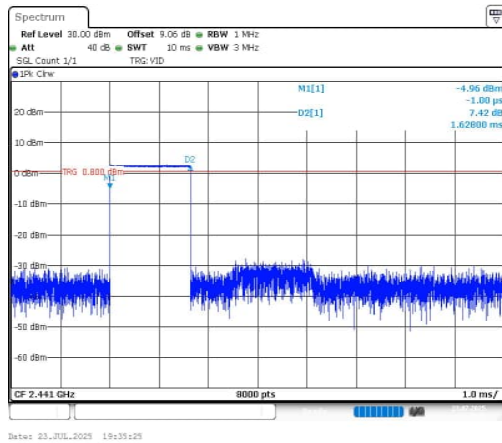


Test Graphs



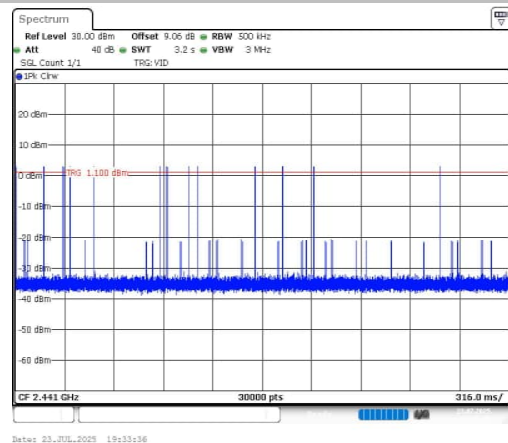
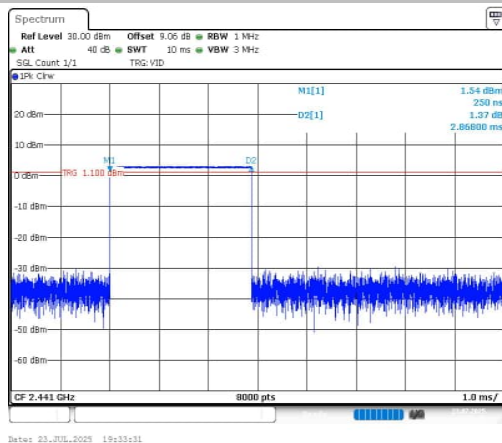
DH1-Ant1-Hop-PASS

DH1-Ant1-Hop-PASS



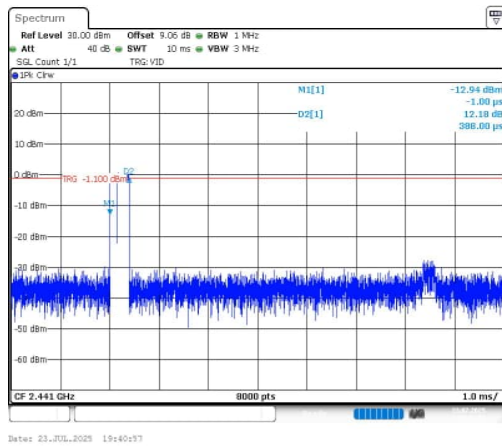
DH3-Ant1-Hop-PASS

DH3-Ant1-Hop-PASS

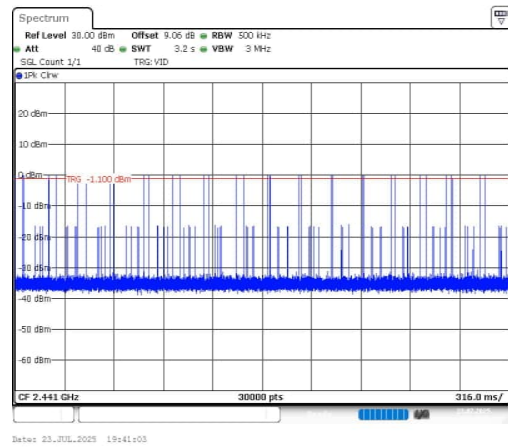


DH5-Ant1-Hop-PASS

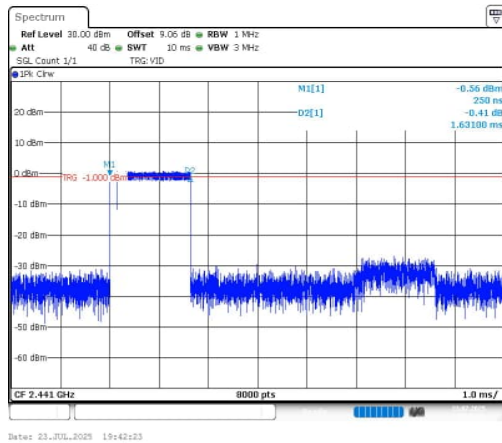
DH5-Ant1-Hop-PASS



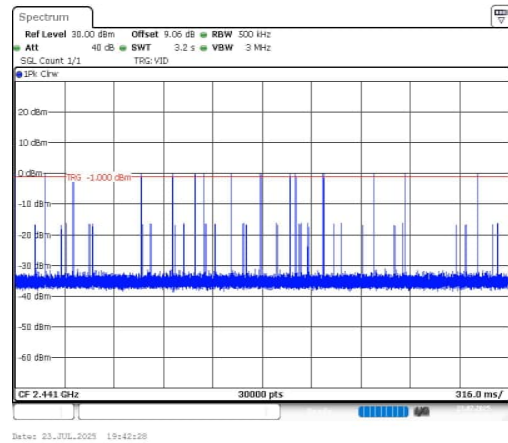
2DH1-Ant1-Hop-PASS



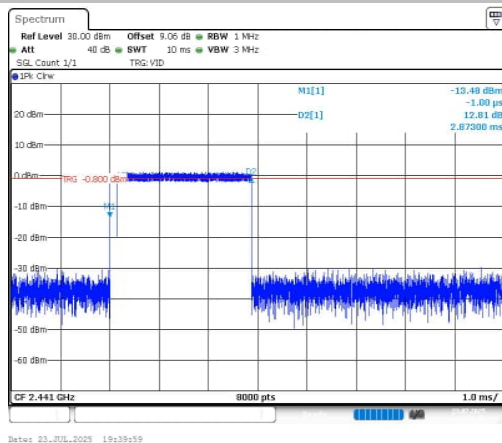
2DH1-Ant1-Hop-PASS



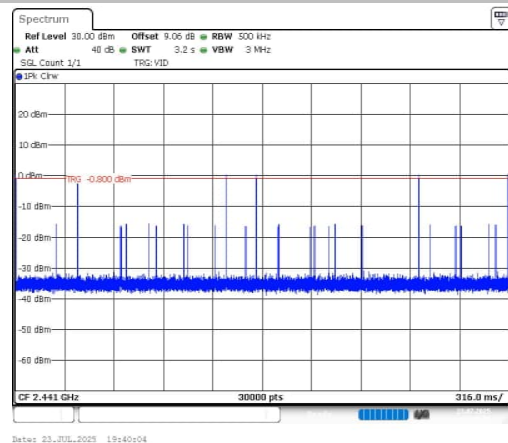
2DH3-Ant1-Hop-PASS



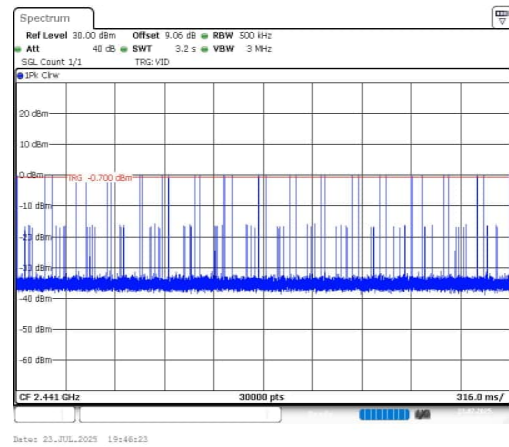
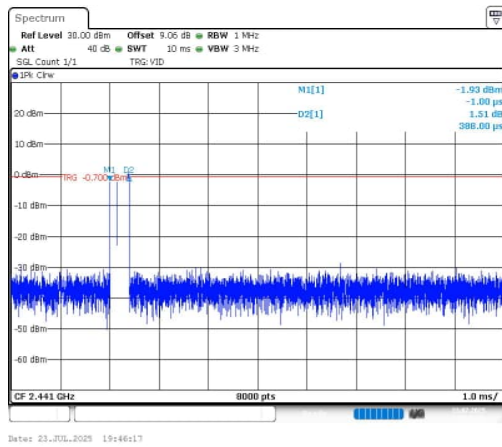
2DH3-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS

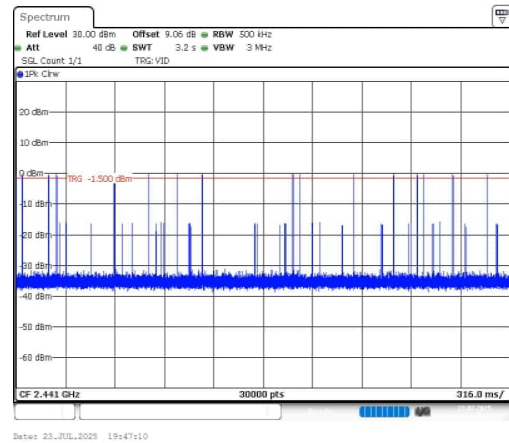
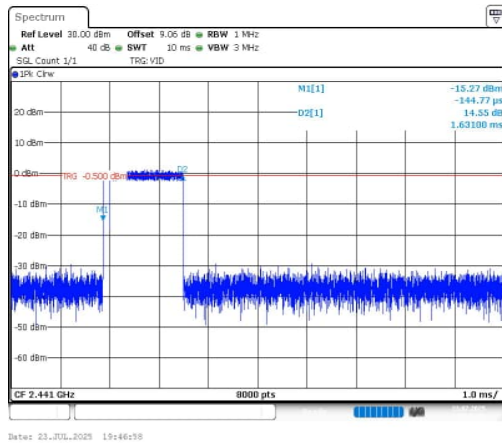


2DH5-Ant1-Hop-PASS



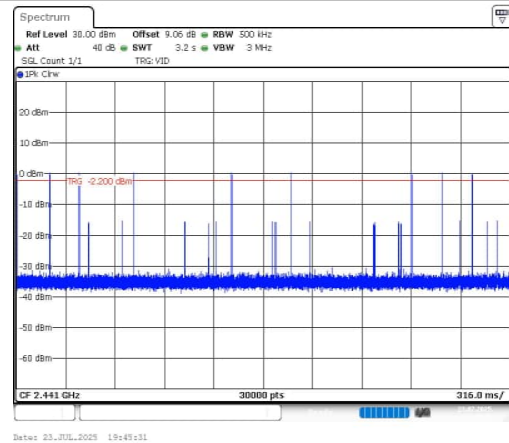
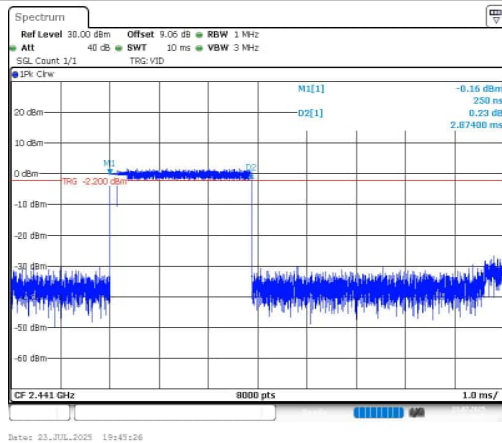
3DH1-Ant1-Hop-PASS

3DH1-Ant1-Hop-PASS



3DH3-Ant1-Hop-PASS

3DH3-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

3DH5-Ant1-Hop-PASS



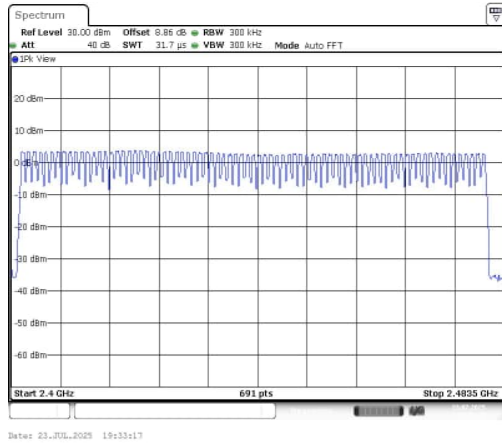
Appendix F: Number of hopping channels

Test Result

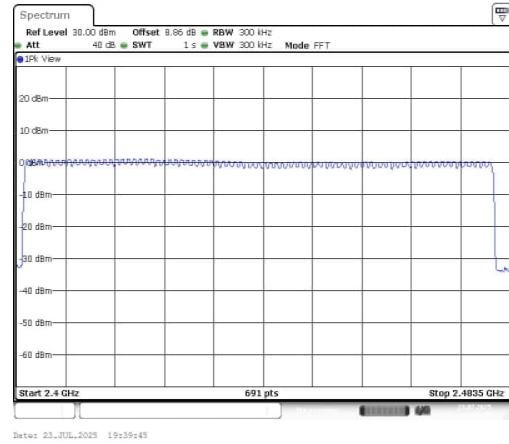
Test Mode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS
3DH5	Ant1	Hop	79	≥ 15	PASS



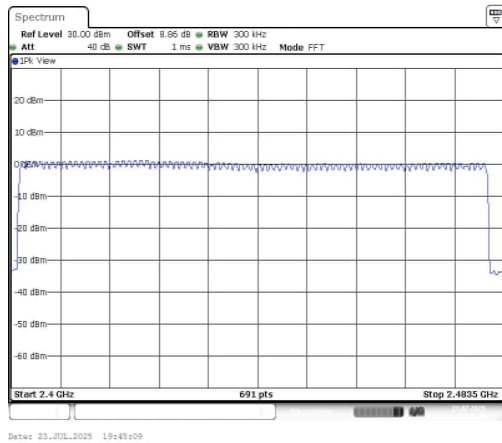
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS



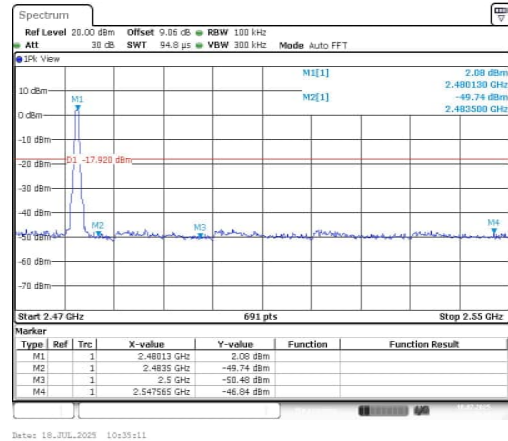
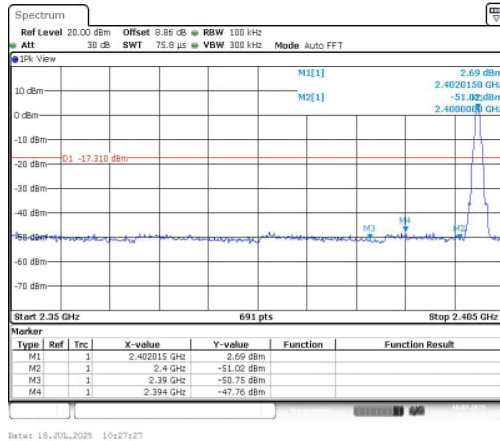
Appendix G: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Freq(MHz)	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.69	-47.76	≤ -17.31	PASS
DH5	Ant1	High	2480	2.08	-46.84	≤ -17.92	PASS
DH5	Ant1	Low	Hop_2402	3.33	-47.81	≤ -16.67	PASS
DH5	Ant1	High	Hop_2480	2.94	-46.81	≤ -17.06	PASS
2DH5	Ant1	Low	2402	-1.16	-47.95	≤ -21.16	PASS
2DH5	Ant1	High	2480	-2.01	-46.12	≤ -22.01	PASS
2DH5	Ant1	Low	Hop_2402	-2.16	-47.9	≤ -22.16	PASS
2DH5	Ant1	High	Hop_2480	-0.60	-46.36	≤ -20.6	PASS
3DH5	Ant1	Low	2402	-1.65	-47.58	≤ -21.65	PASS
3DH5	Ant1	High	2480	-2.29	-46.18	≤ -22.29	PASS
3DH5	Ant1	Low	Hop_2402	-1.97	-47	≤ -21.97	PASS
3DH5	Ant1	High	Hop_2480	0.31	-46.79	≤ -19.69	PASS

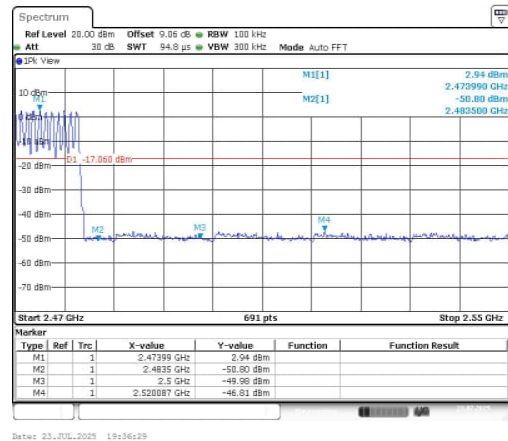
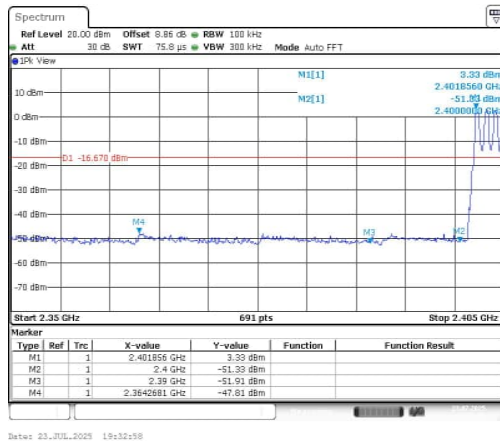


Test Graphs



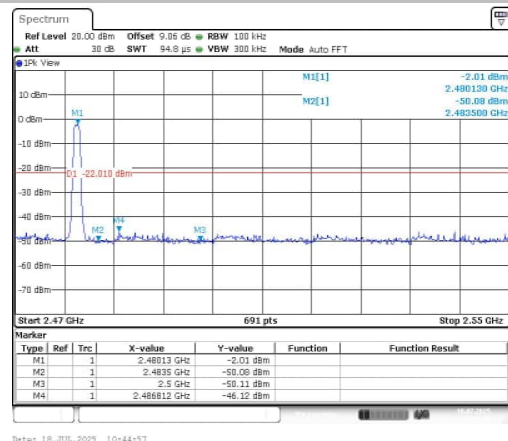
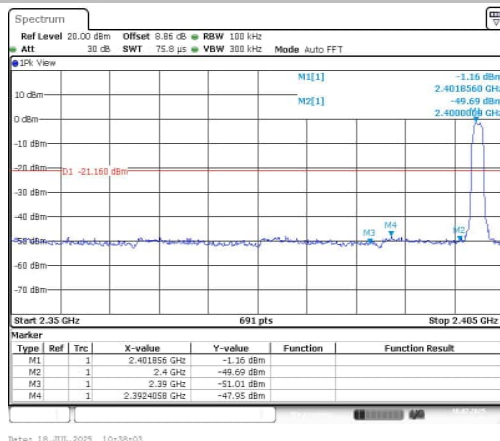
DH5-Ant1-2402-PASS

DH5-Ant1-2480-PASS



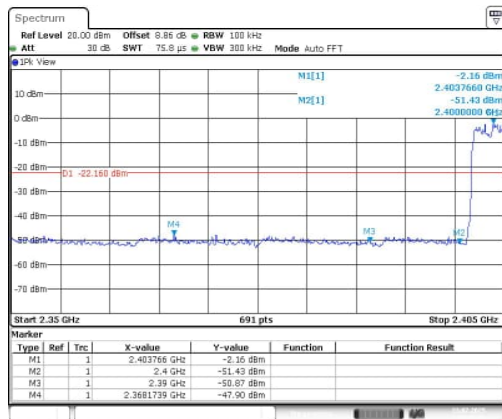
DH5-Ant1-Hop_2402-PASS

DH5-Ant1-Hop_2480-PASS

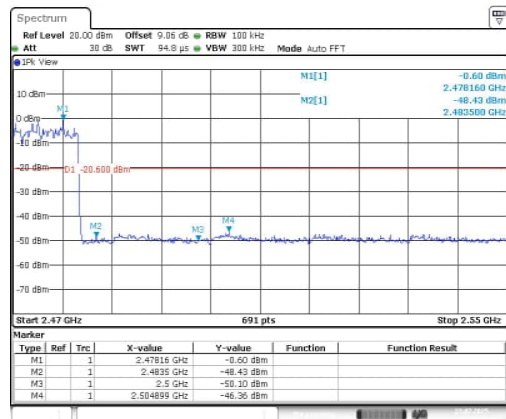


2DH5-Ant1-2402-PASS

2DH5-Ant1-2480-PASS



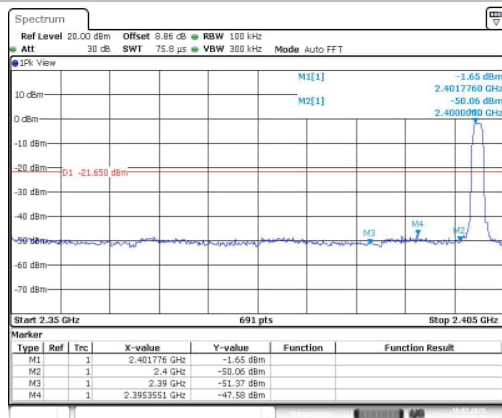
Date: 23_JUL_2025 19:37:09



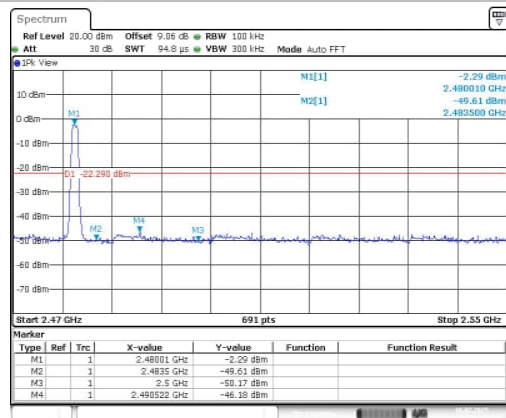
Date: 23_JUL_2025 19:43:03

2DH5-Ant1-Hop_2402-PASS

2DH5-Ant1-Hop_2480-PASS



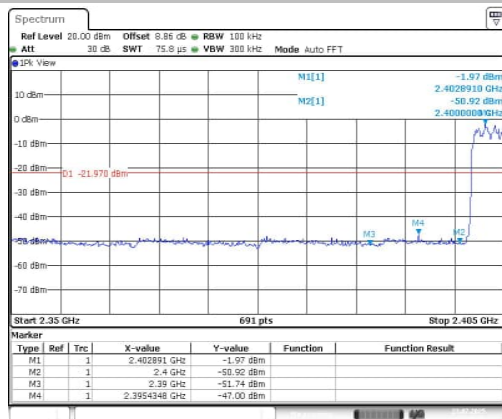
Date: 18_JUL_2025 10:47:37



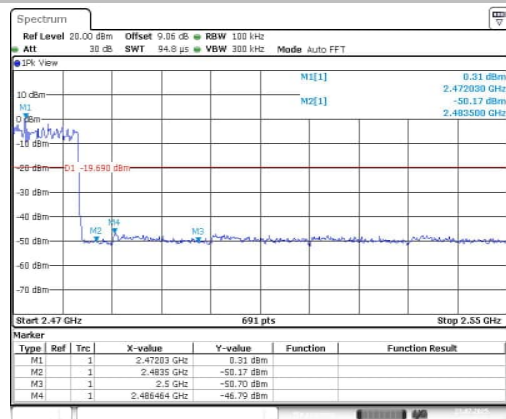
Date: 18_JUL_2025 10:51:25

3DH5-Ant1-2402-PASS

3DH5-Ant1-2480-PASS



Date: 23_JUL_2025 19:43:38



Date: 23_JUL_2025 19:48:22

3DH5-Ant1-Hop_2402-PASS

3DH5-Ant1-Hop_2480-PASS



Appendix H: Conducted Spurious Emission

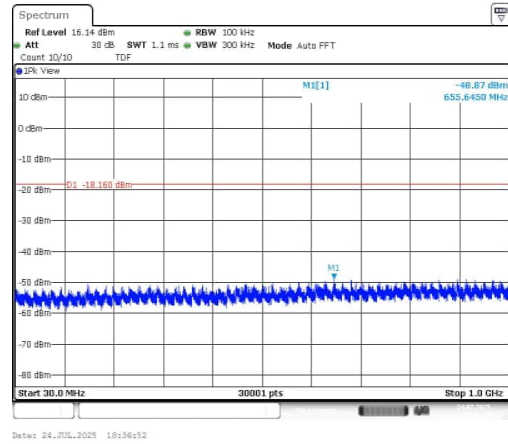
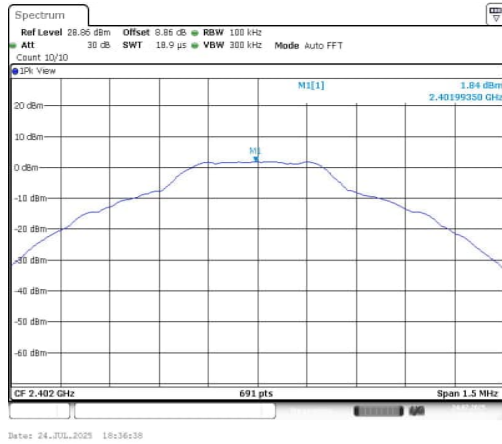
Test Result

Test Mode	Antenna	Freq(MHz)	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.84	1.84	---	PASS
DH5	Ant1	2402	30~1000	1.84	-48.87	≤-18.16	PASS
DH5	Ant1	2402	1000~26500	1.84	-32.83	≤-18.16	PASS
DH5	Ant1	2441	0~Reference	1.23	1.23	---	PASS
DH5	Ant1	2441	30~1000	1.23	-49.19	≤-18.77	PASS
DH5	Ant1	2441	1000~26500	1.23	-33.01	≤-18.77	PASS
DH5	Ant1	2480	0~Reference	1.64	1.64	---	PASS
DH5	Ant1	2480	30~1000	1.64	-48.8	≤-18.36	PASS
DH5	Ant1	2480	1000~26500	1.64	-33.07	≤-18.36	PASS
2DH5	Ant1	2402	0~Reference	-1.77	-1.77	---	PASS
2DH5	Ant1	2402	30~1000	-1.77	-48.56	≤-21.77	PASS
2DH5	Ant1	2402	1000~26500	-1.77	-33	≤-21.77	PASS
2DH5	Ant1	2441	0~Reference	-1.88	-1.88	---	PASS
2DH5	Ant1	2441	30~1000	-1.88	-47.8	≤-21.88	PASS
2DH5	Ant1	2441	1000~26500	-1.88	-37.28	≤-21.88	PASS
2DH5	Ant1	2480	0~Reference	-1.65	-1.65	---	PASS
2DH5	Ant1	2480	30~1000	-1.65	-47.52	≤-21.65	PASS
2DH5	Ant1	2480	1000~26500	-1.65	-36.74	≤-21.65	PASS
3DH5	Ant1	2402	0~Reference	-1.36	-1.36	---	PASS
3DH5	Ant1	2402	30~1000	-1.36	-48.05	≤-21.36	PASS
3DH5	Ant1	2402	1000~26500	-1.36	-36.73	≤-21.36	PASS
3DH5	Ant1	2441	0~Reference	-2.43	-2.43	---	PASS
3DH5	Ant1	2441	30~1000	-2.43	-47.93	≤-22.43	PASS
3DH5	Ant1	2441	1000~26500	-2.43	-36.17	≤-22.43	PASS
3DH5	Ant1	2480	0~Reference	-2.04	-2.04	---	PASS
3DH5	Ant1	2480	30~1000	-2.04	-47.99	≤-22.04	PASS
3DH5	Ant1	2480	1000~26500	-2.04	-37.62	≤-22.04	PASS

Note: The built-in loss(TDF) includes the cable loss and attenuation coefficient.

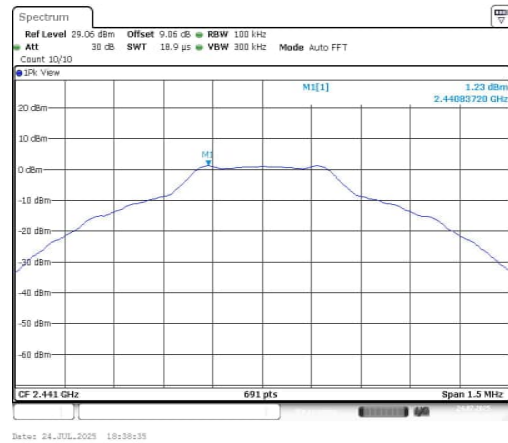
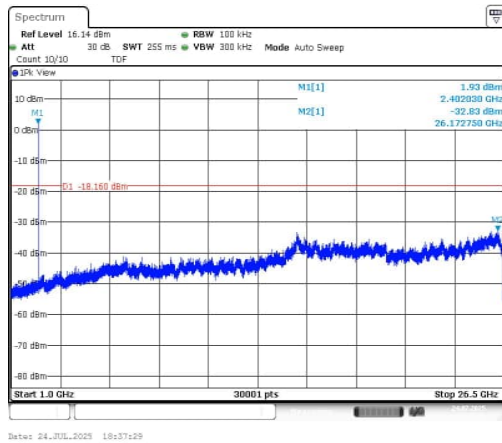


Test Graphs



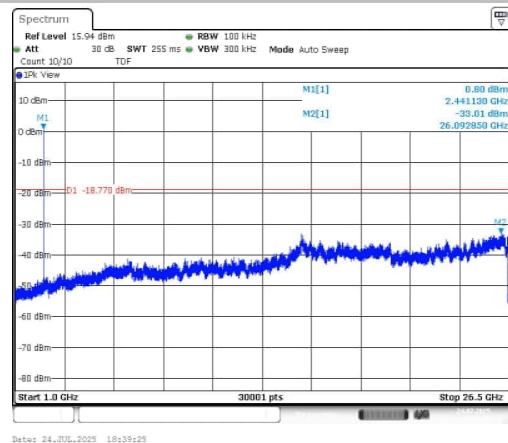
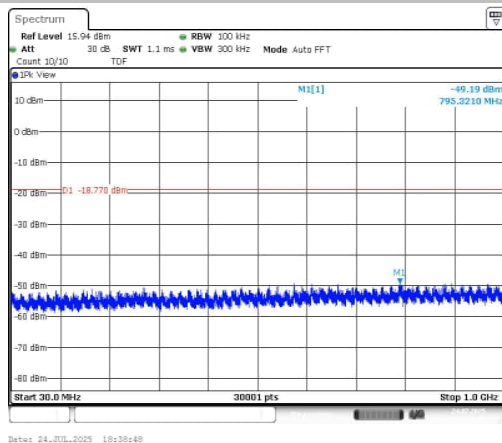
DH5-Ant1-2402-0~Reference-PASS

DH5-Ant1-2402-30~1000-PASS



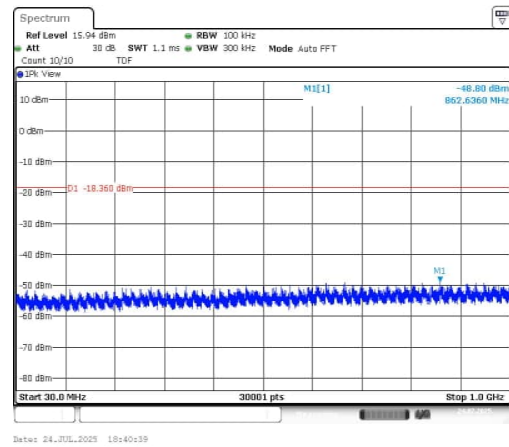
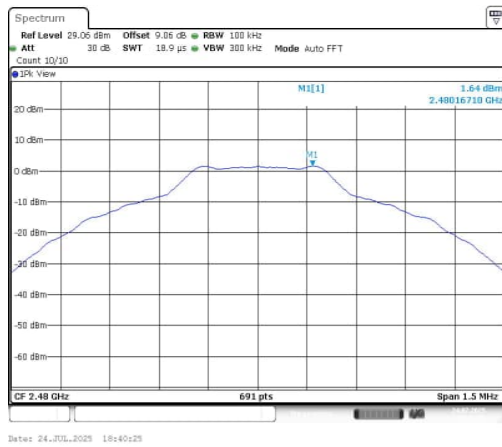
DH5-Ant1-2402-1000~26500-PASS

DH5-Ant1-2441-0~Reference-PASS



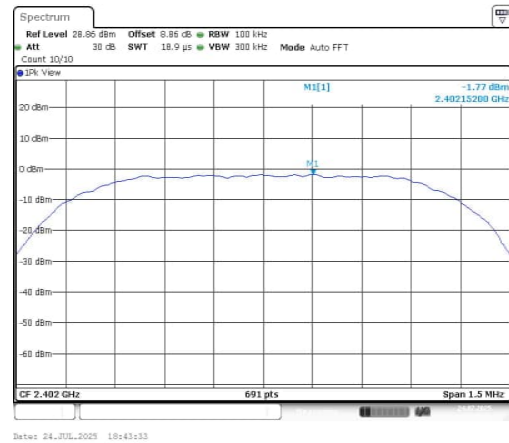
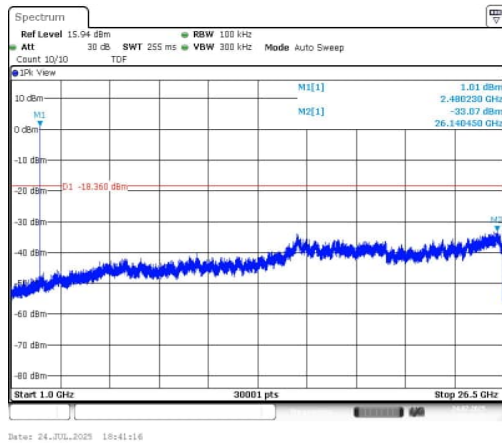
DH5-Ant1-2441-30~1000-PASS

DH5-Ant1-2441-1000~26500-PASS



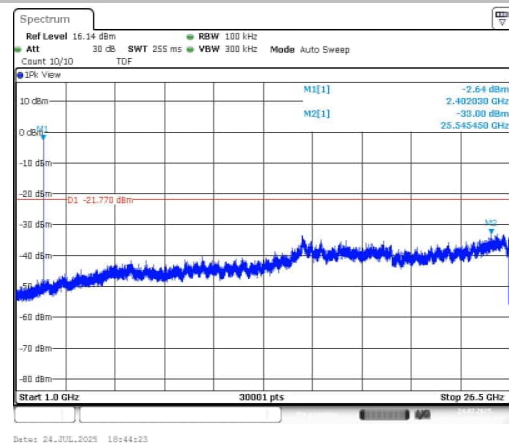
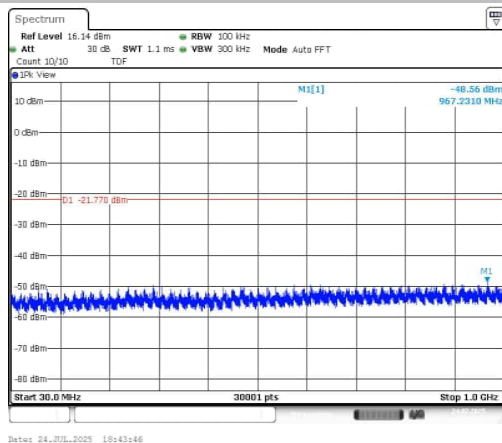
DH5-Ant1-2480-0~Reference-PASS

DH5-Ant1-2480-30~1000-PASS



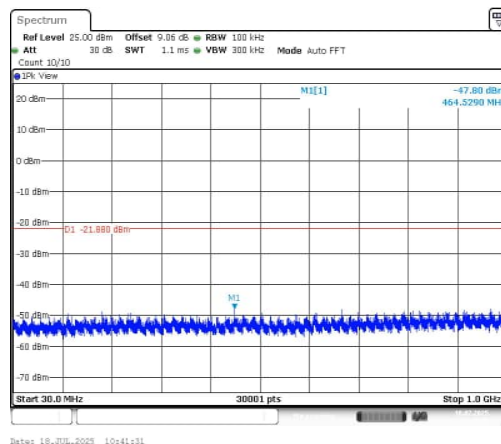
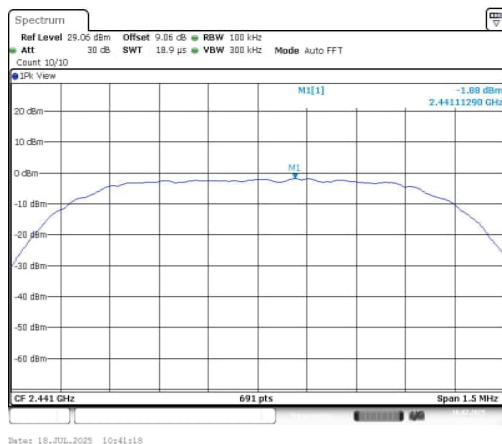
DH5-Ant1-2480-1000~26500-PASS

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



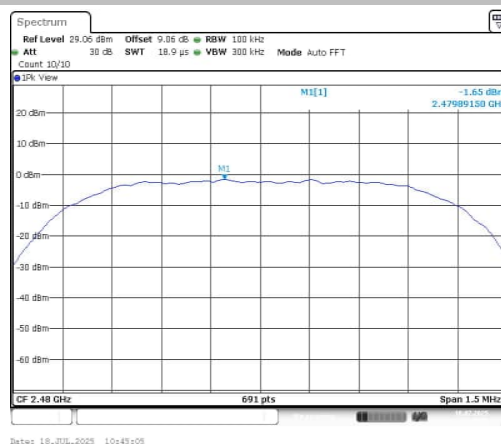
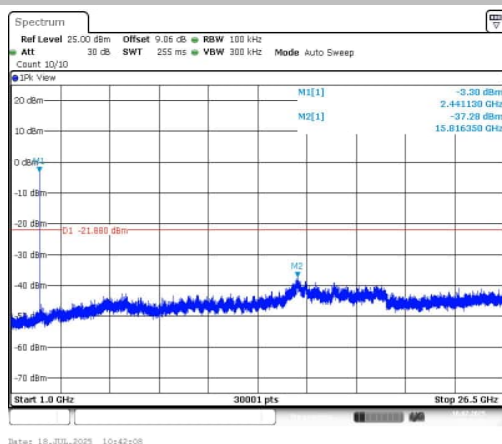
2DH5-Ant1-2402-30~1000-PASS

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



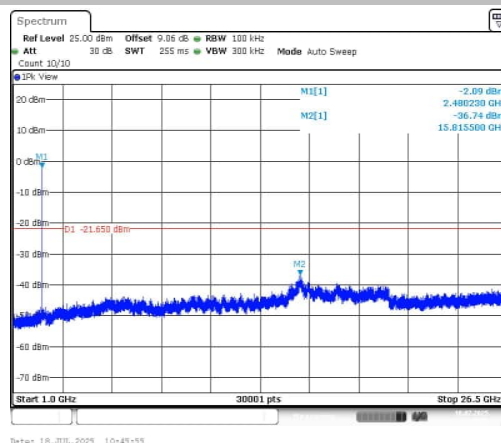
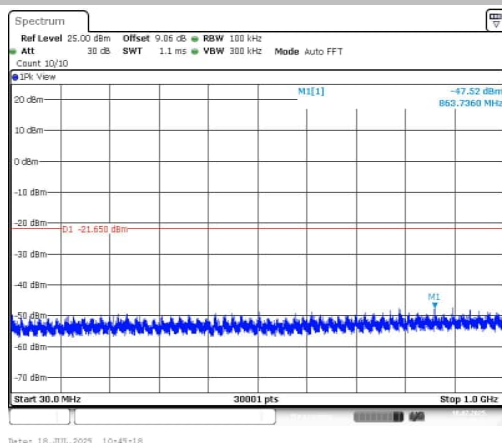
2DH5-Ant1-2441-0~Reference-PASS

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



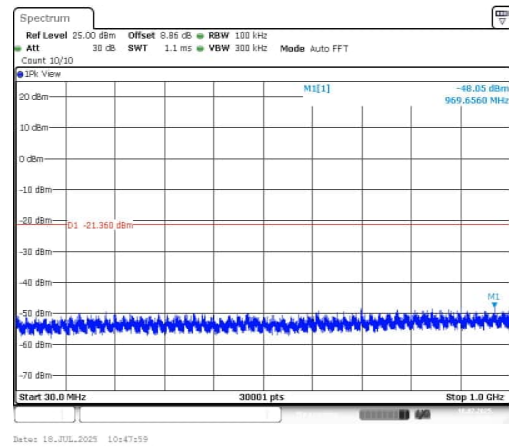
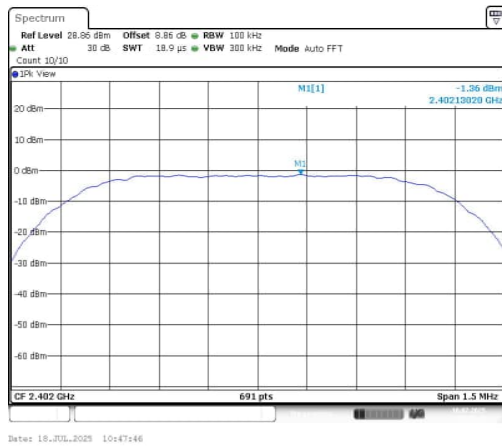
2DH5-Ant1-2441-1000~26500-PASS

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



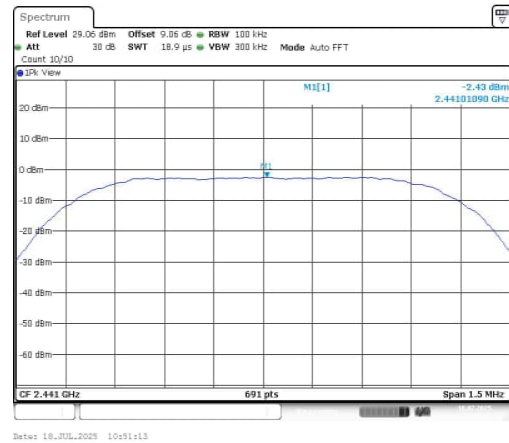
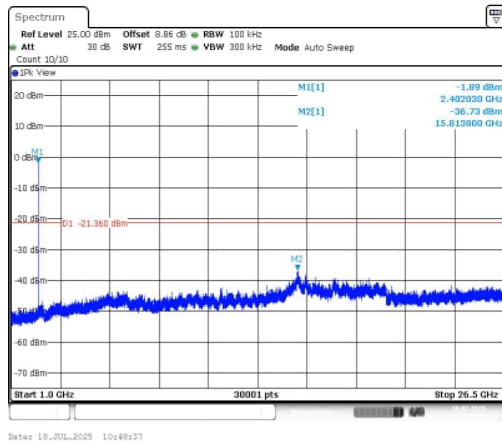
2DH5-Ant1-2480-30~1000-PASS

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



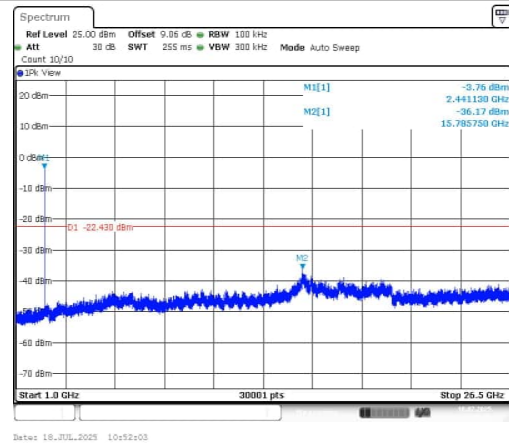
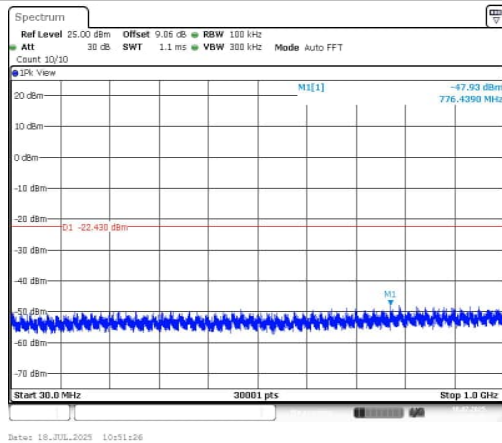
3DH5-Ant1-2402-0~Reference-PASS

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



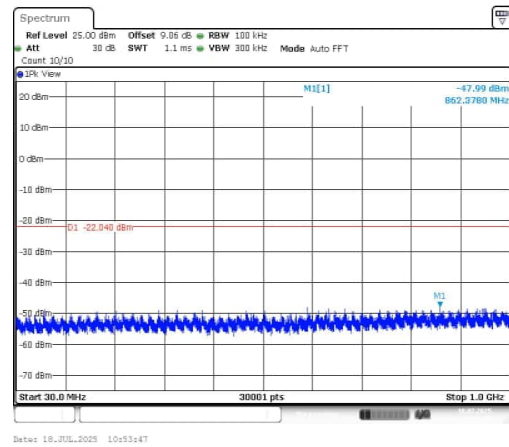
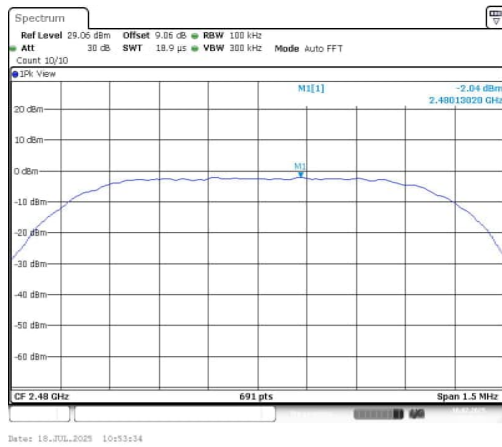
3DH5-Ant1-2402-1000~26500-PASS

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



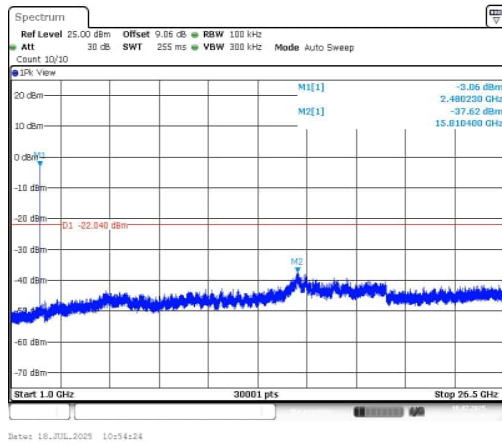
3DH5-Ant1-2441-30~1000-PASS

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



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

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



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



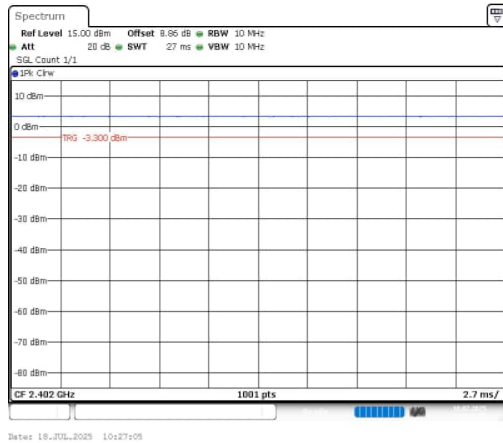
Appendix I: Duty Cycle

Test Result

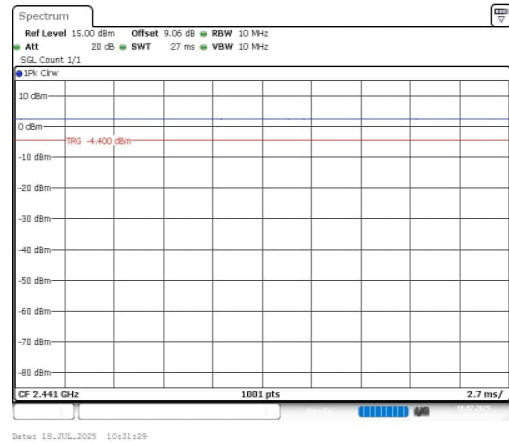
Test Mode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor (dB)
DH5	Ant1	2402	27.00	27.00	100.00	0.00
DH5	Ant1	2441	27.00	27.00	100.00	0.00
DH5	Ant1	2480	27.00	27.00	100.00	0.00
2DH5	Ant1	2402	27.00	27.00	100.00	0.00
2DH5	Ant1	2441	27.00	27.00	100.00	0.00
2DH5	Ant1	2480	27.00	27.00	100.00	0.00
3DH5	Ant1	2402	27.00	27.00	100.00	0.00
3DH5	Ant1	2441	27.00	27.00	100.00	0.00
3DH5	Ant1	2480	27.00	27.00	100.00	0.00



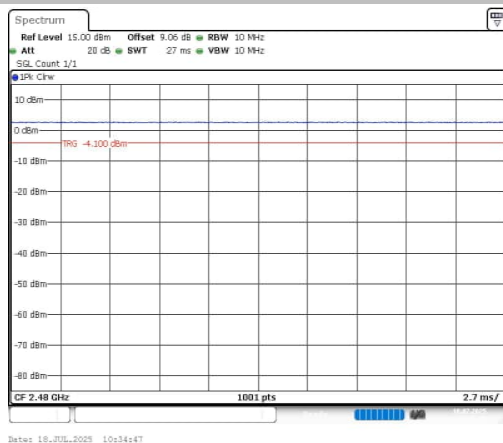
Test Graphs



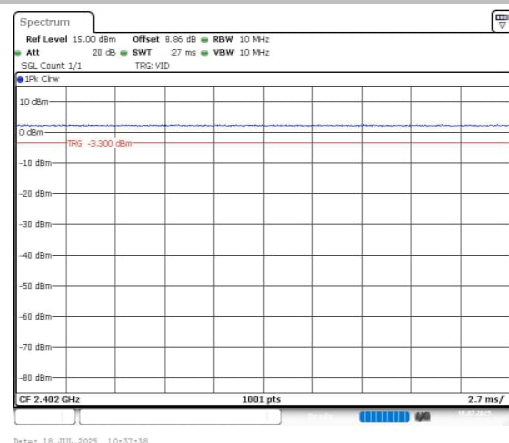
NTNV-DH5-Ant1-2402



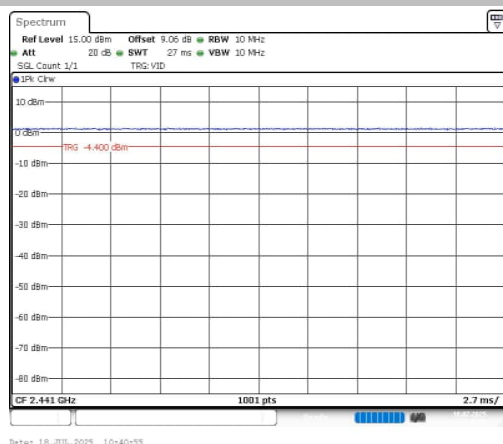
NTNV-DH5-Ant1-2441



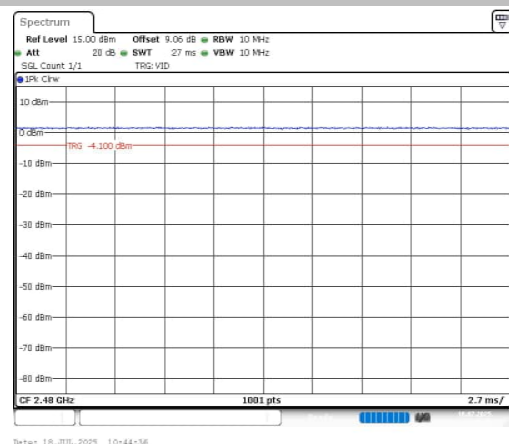
NTNV-DH5-Ant1-2480



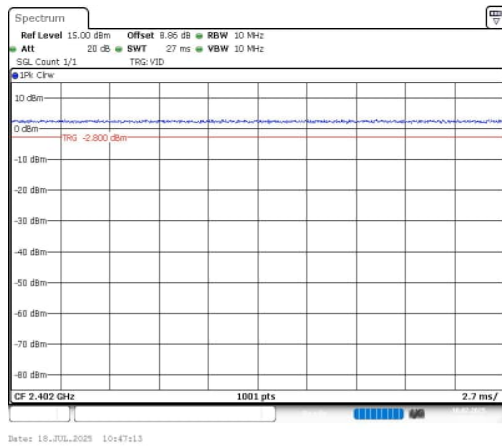
NTNV-2DH5-Ant1-2402



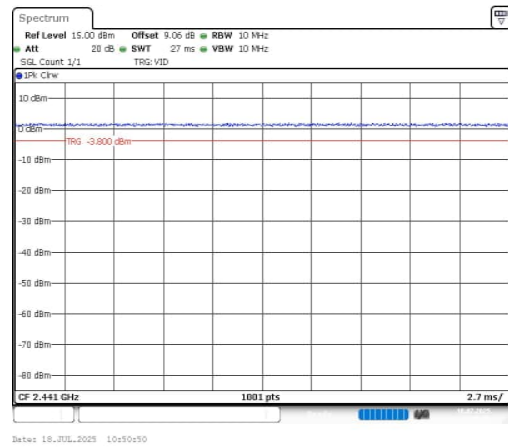
NTNV-2DH5-Ant1-2441



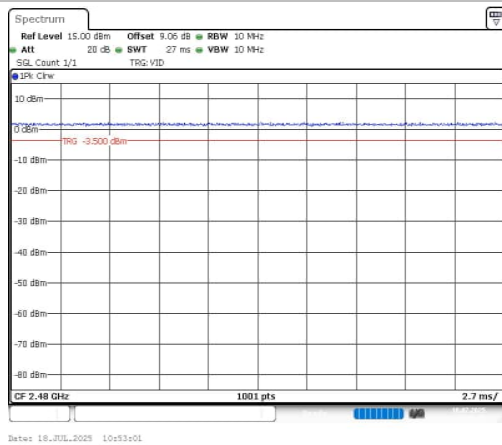
NTNV-2DH5-Ant1-2480



NTNV-3DH5-Ant1-2402



NTNV-3DH5-Ant1-2441



NTNV-3DH5-Ant1-2480

-----END-----