



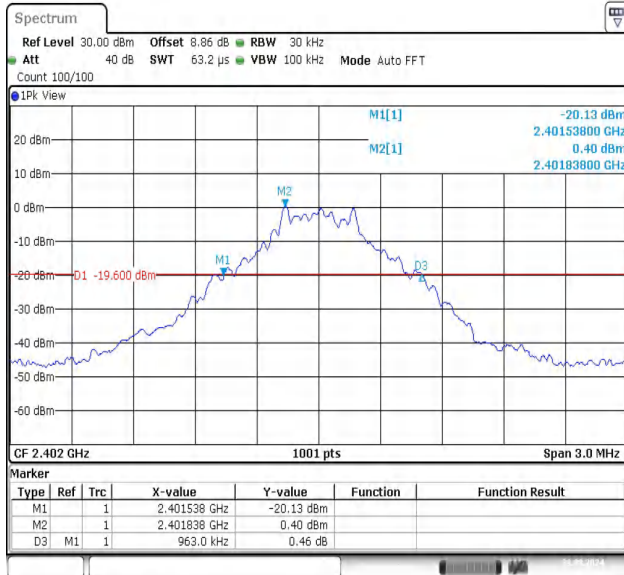
Appendix A: 20dB Emission Bandwidth

Test Result

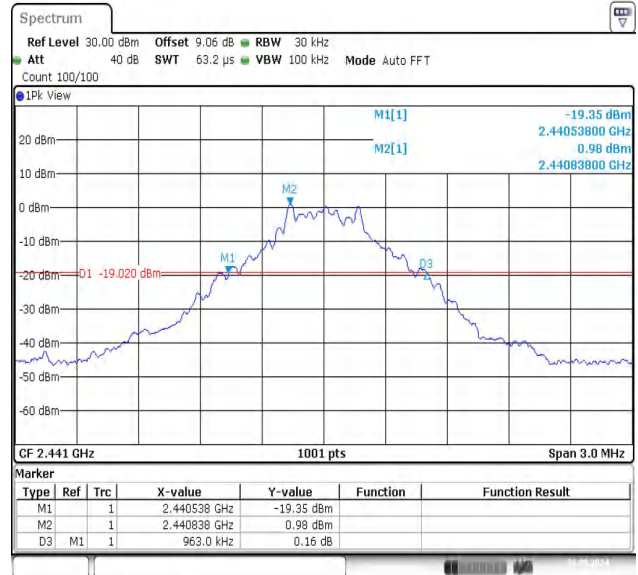
Test Mode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96	2401.54	2402.50	---	---
DH5	Ant1	2441	0.96	2440.54	2441.50	---	---
DH5	Ant1	2480	0.96	2479.54	2480.50	---	---
2DH5	Ant1	2402	1.29	2401.37	2402.65	---	---
2DH5	Ant1	2441	1.29	2440.37	2441.65	---	---
2DH5	Ant1	2480	1.29	2479.37	2480.66	---	---
3DH5	Ant1	2402	1.29	2401.36	2402.65	---	---
3DH5	Ant1	2441	1.29	2440.36	2441.65	---	---
3DH5	Ant1	2480	1.30	2479.36	2480.65	---	---



Test Graphs



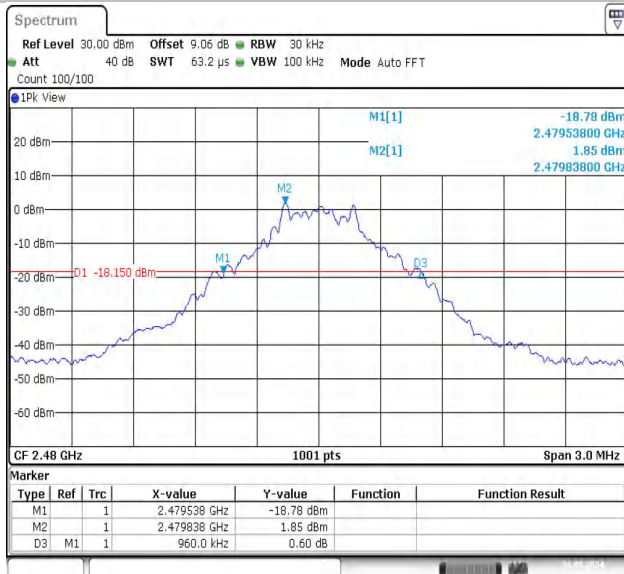
Date: 29,AUG,2024 18:35:33



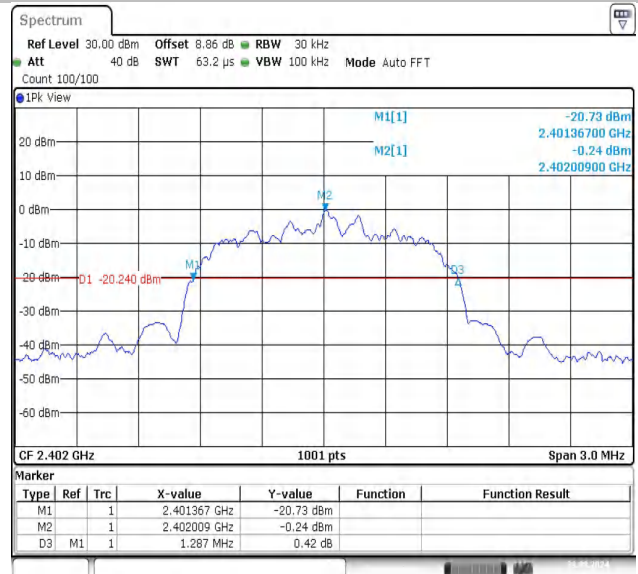
Date: 29,AUG,2024 18:41:33

DH5-Ant1-2402

DH5-Ant1-2441



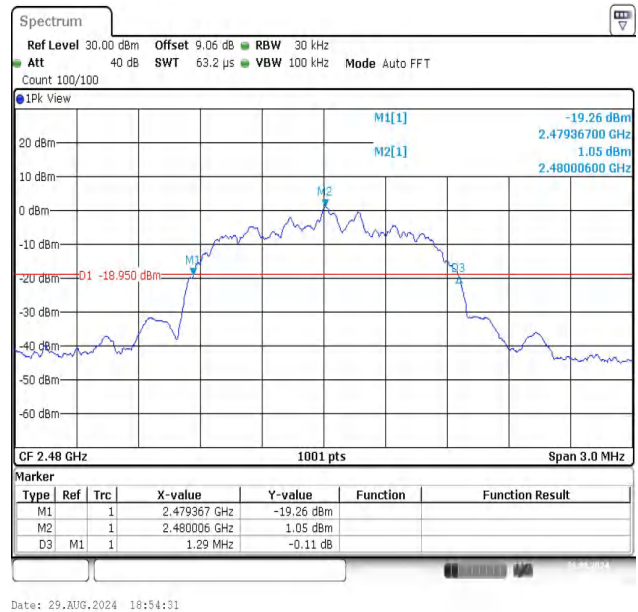
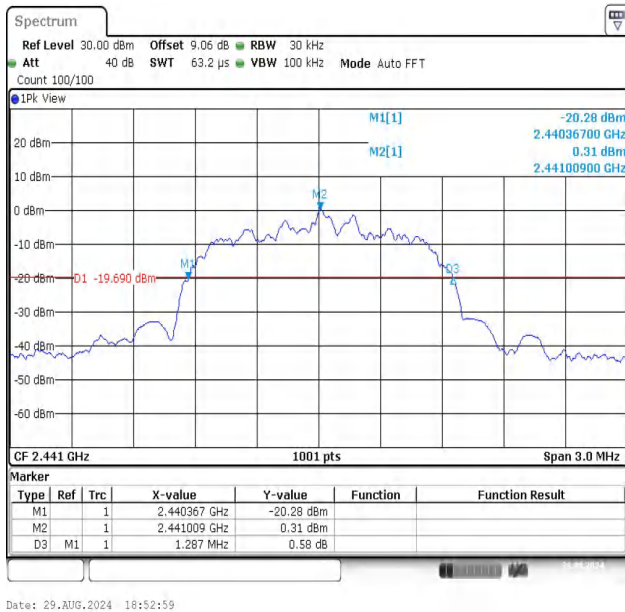
Date: 29,AUG,2024 18:45:51



Date: 29,AUG,2024 18:50:43

DH5-Ant1-2480

2DH5-Ant1-2402



2DH5-Ant1-2441

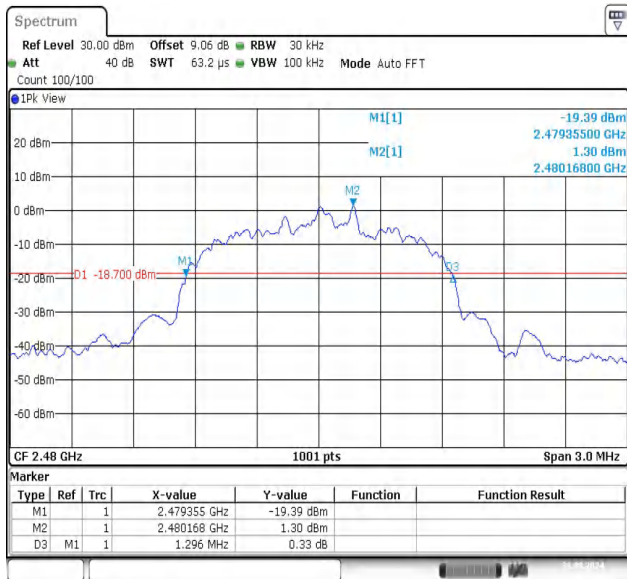


2DH5-Ant1-2480



3DH5-Ant1-2402

3DH5-Ant1-2441



Date: 29.AUG.2024 19:03:33

3DH5-Ant1-2480



Appendix B: Occupied Channel Bandwidth

Test Result

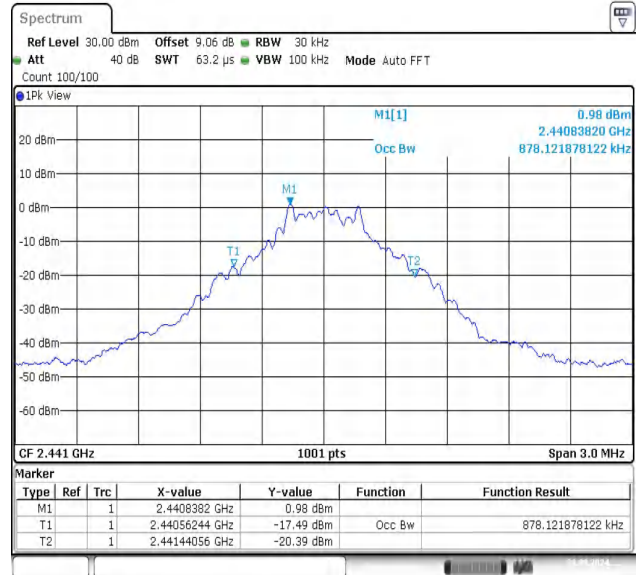
Test Mode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.878	2401.5624	2402.4406	---	---
DH5	Ant1	2441	0.878	2440.5624	2441.4406	---	---
DH5	Ant1	2480	0.881	2479.5594	2480.4406	---	---
2DH5	Ant1	2402	1.178	2401.4126	2402.5904	---	---
2DH5	Ant1	2441	1.181	2440.4126	2441.5934	---	---
2DH5	Ant1	2480	1.181	2479.4126	2480.5934	---	---
3DH5	Ant1	2402	1.184	2401.4126	2402.5964	---	---
3DH5	Ant1	2441	1.184	2440.4126	2441.5964	---	---
3DH5	Ant1	2480	1.184	2479.4126	2480.5964	---	---



Test Graphs



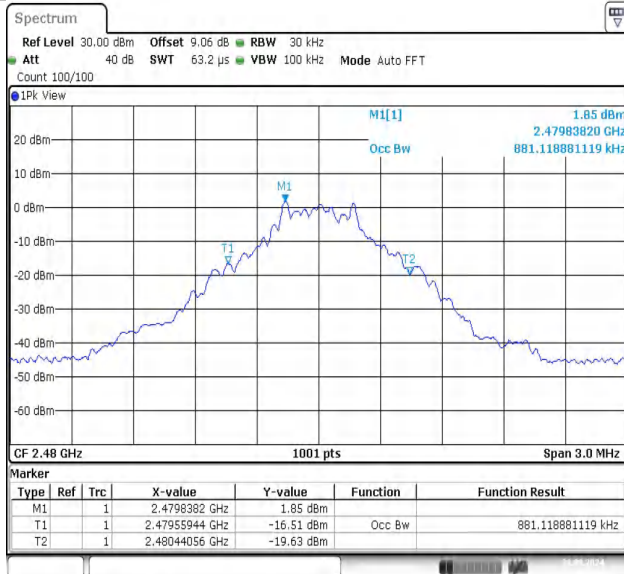
Date: 29.AUG.2024 18:35:40



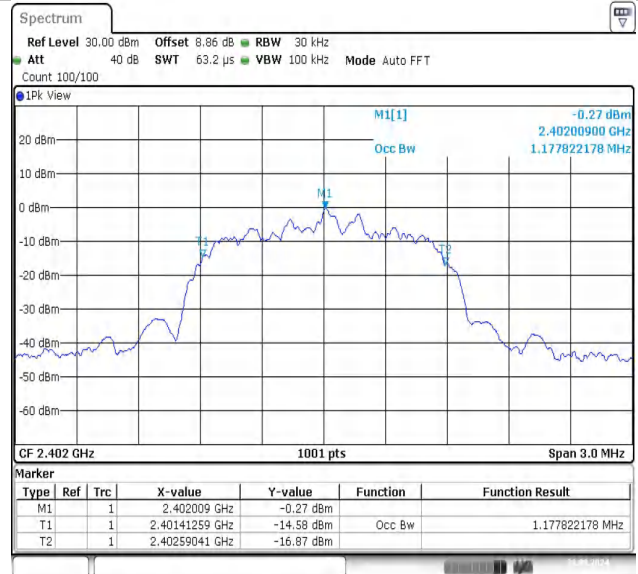
Date: 29.AUG.2024 18:41:41

DH5-Ant1-2402

DH5-Ant1-2441



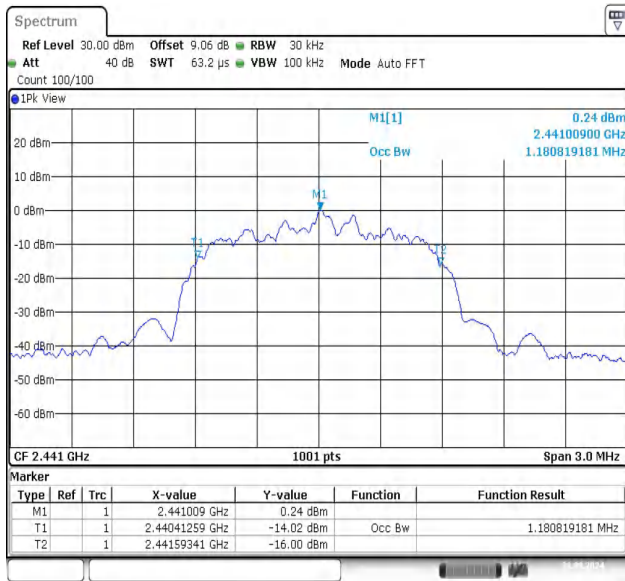
Date: 29.AUG.2024 18:45:59



Date: 29.AUG.2024 18:50:50

DH5-Ant1-2480

2DH5-Ant1-2402



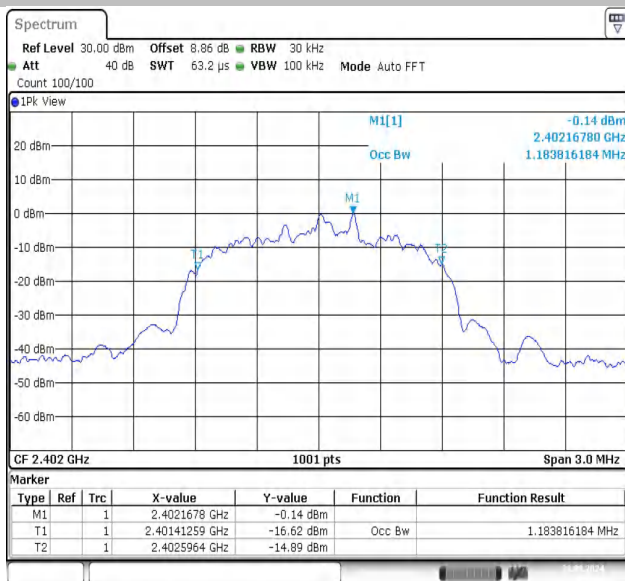
Date: 29.AUG.2024 18:53:06



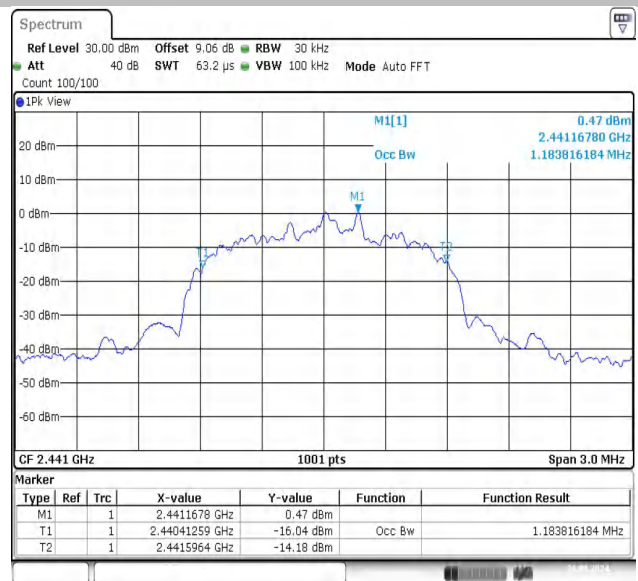
Date: 29.AUG.2024 18:54:39

2DH5-Ant1-2441

2DH5-Ant1-2480



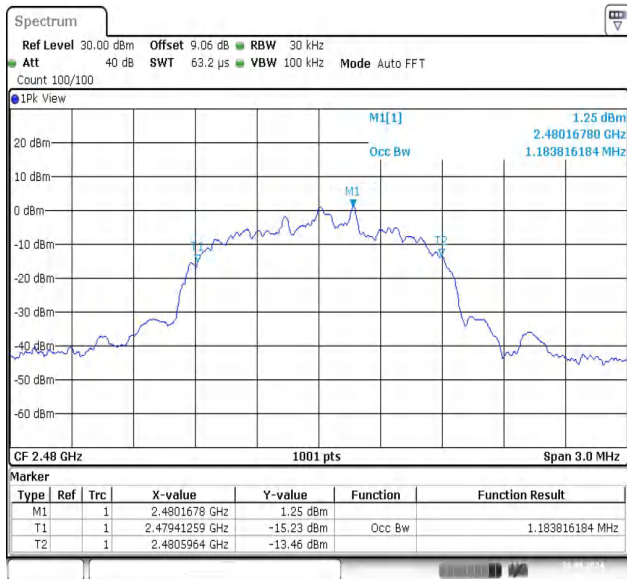
Date: 29.AUG.2024 18:56:29



Date: 29.AUG.2024 18:58:18

3DH5-Ant1-2402

3DH5-Ant1-2441



Date: 29.AUG.2024 19:03:41

3DH5-Ant1-2480



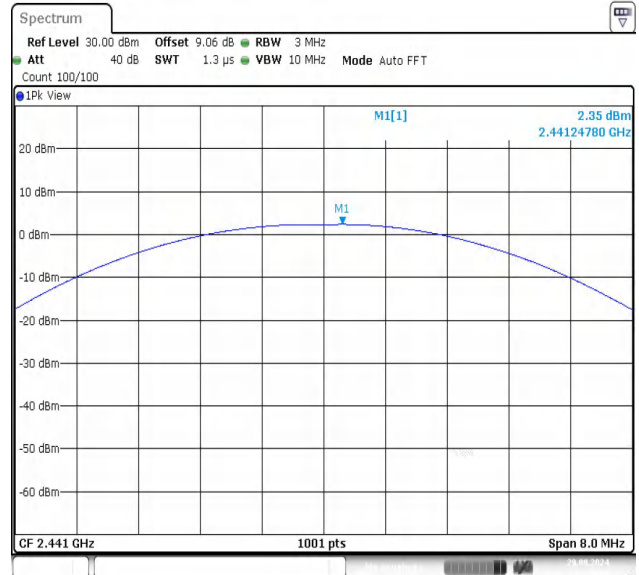
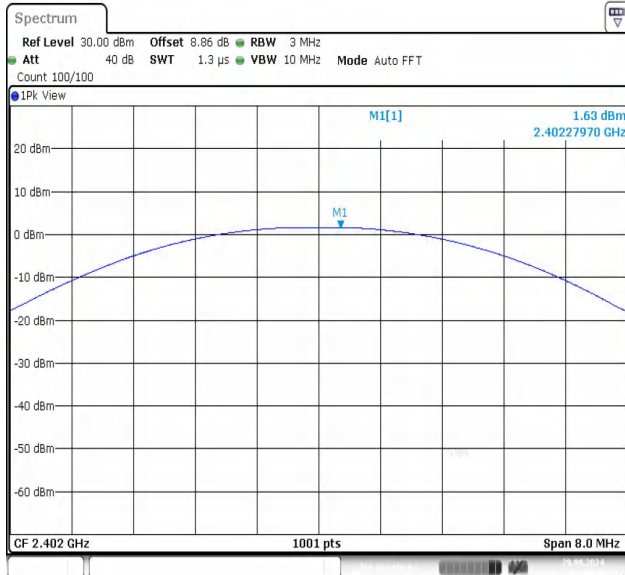
Appendix C: Maximum conducted output power

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	1.63	≤20.97	-1.20	0.43	≤36	PASS
DH5	Ant1	2441	2.35	≤20.97	-1.20	1.15	≤36	PASS
DH5	Ant1	2480	3.20	≤20.97	-1.20	2.00	≤36	PASS
2DH5	Ant1	2402	3.49	≤20.97	-1.20	2.29	≤36	PASS
2DH5	Ant1	2441	3.91	≤20.97	-1.20	2.71	≤36	PASS
2DH5	Ant1	2480	4.92	≤20.97	-1.20	3.72	≤36	PASS
3DH5	Ant1	2402	4.19	≤20.97	-1.20	2.99	≤36	PASS
3DH5	Ant1	2441	4.76	≤20.97	-1.20	3.56	≤36	PASS
3DH5	Ant1	2480	5.16	≤20.97	-1.20	3.96	≤36	PASS

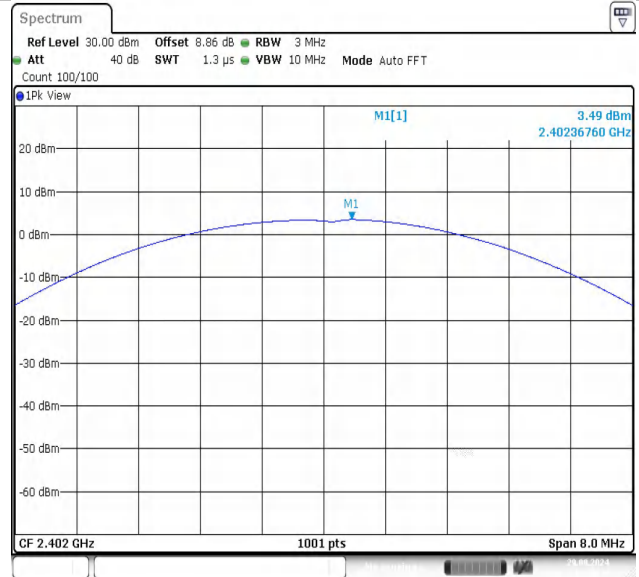
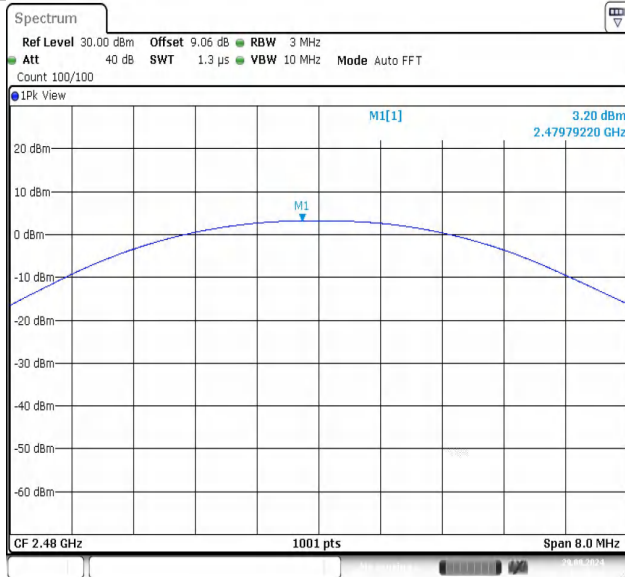


Test Graphs



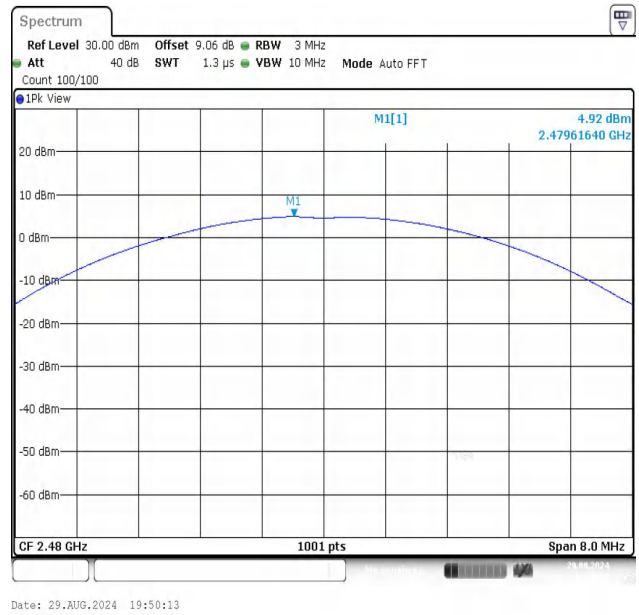
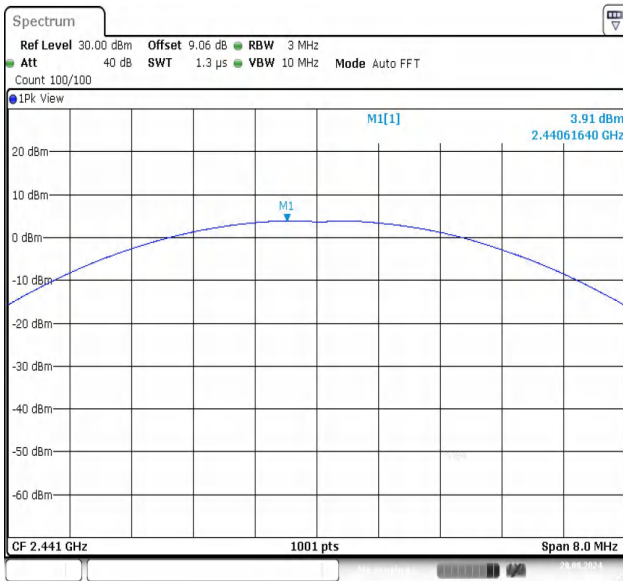
DH5-Ant1-2402-PASS

DH5-Ant1-2441-PASS



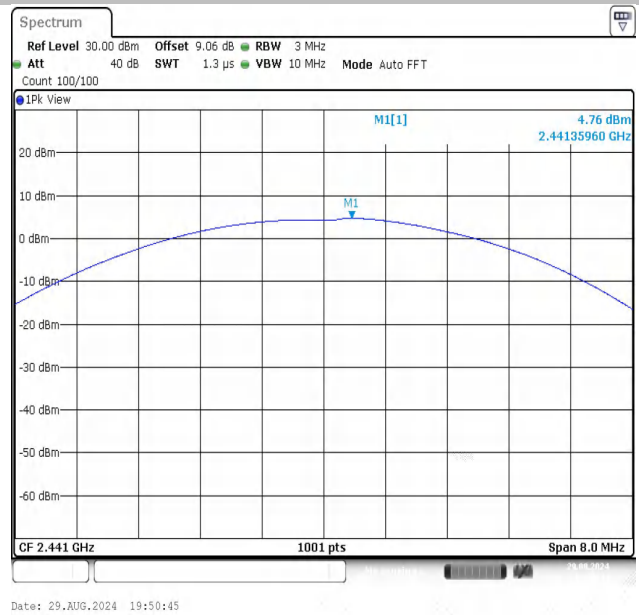
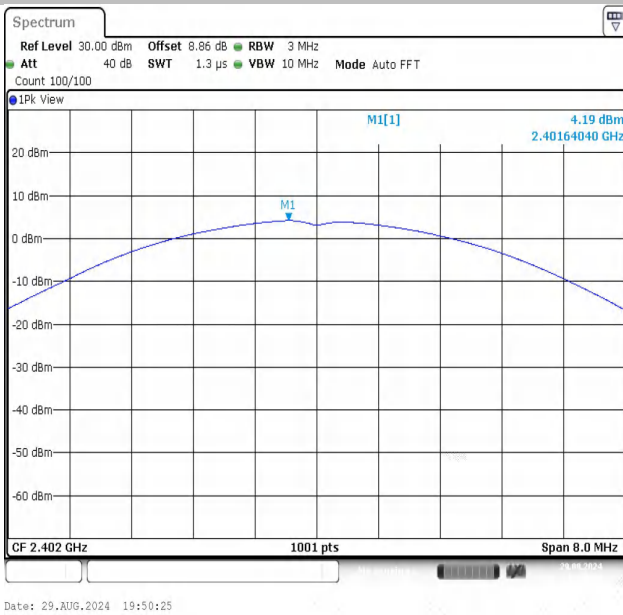
DH5-Ant1-2480-PASS

2DH5-Ant1-2402-PASS



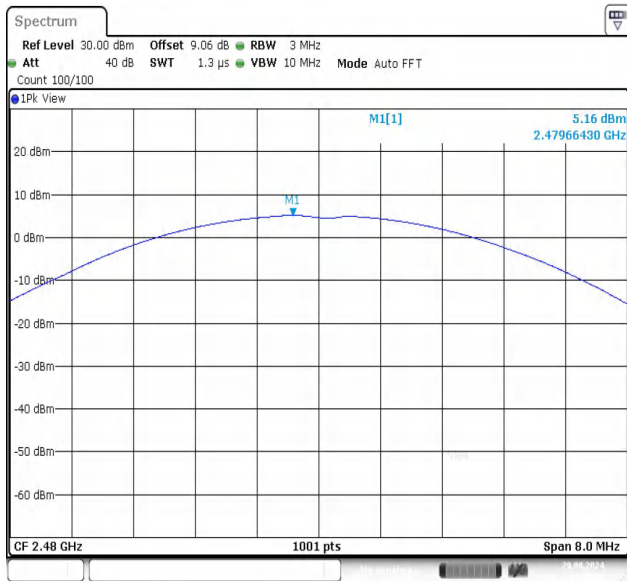
2DH5-Ant1-2441-PASS

2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS

3DH5-Ant1-2441-PASS



Date: 29,AUG.2024 19:50:53

3DH5-Ant1-2480-PASS



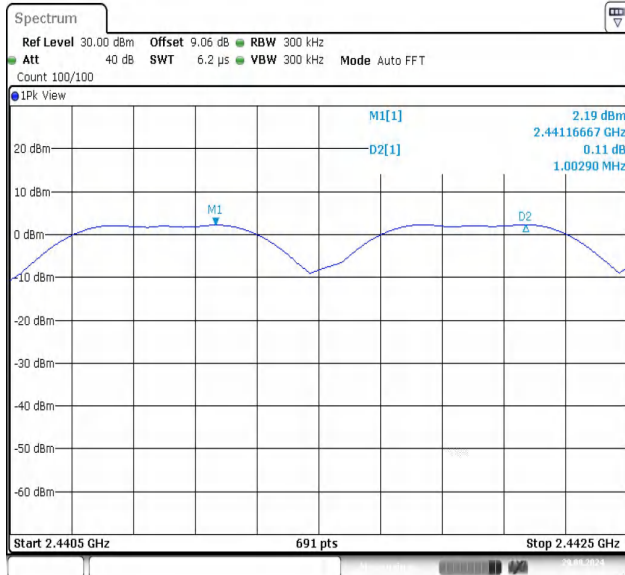
Appendix D: Carrier frequency separation

Test Result

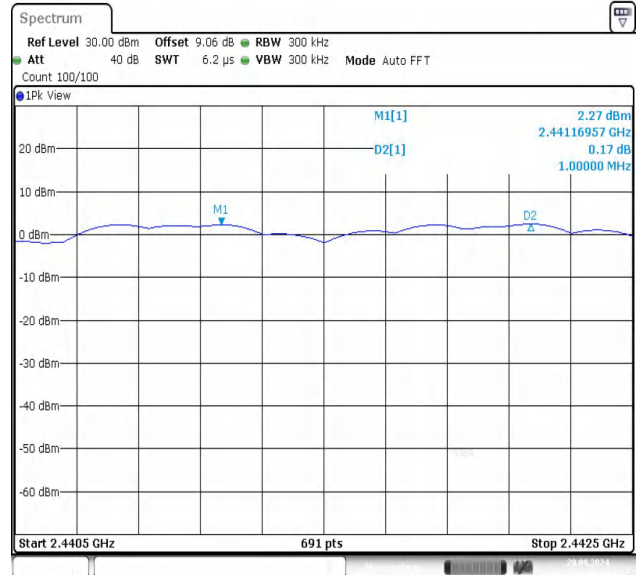
Test Mode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	≥ 0.960	PASS
2DH5	Ant1	Hop	1	≥ 0.860	PASS
3DH5	Ant1	Hop	1.33	≥ 1.300	PASS



Test Graphs



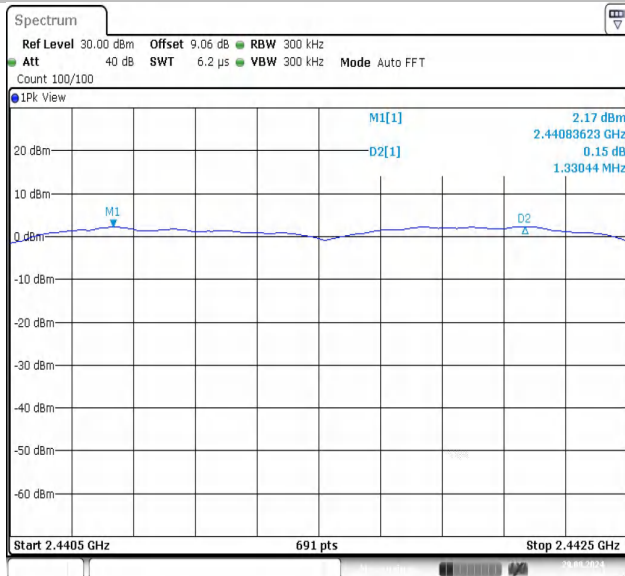
Date: 29,AUG,2024 19:18:24



Date: 29,AUG,2024 19:24:14

DH5-Ant1-Hop-PASS

2DH5-Ant1-Hop-PASS



Date: 29,AUG,2024 19:33:04

3DH5-Ant1-Hop-PASS



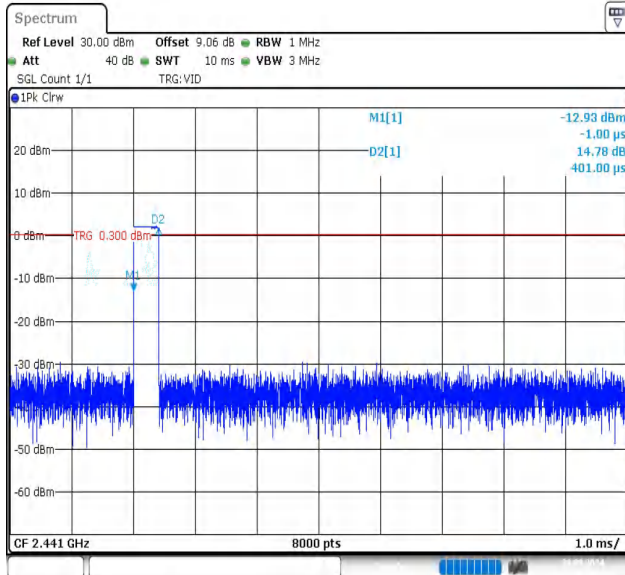
Appendix E: Time of occupancy

Test Result

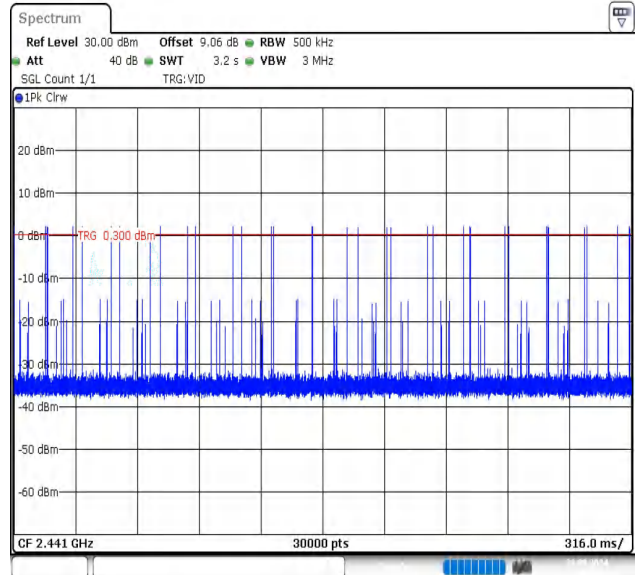
Test Mode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.401	330	0.132	≤0.4	PASS
DH3	Ant1	Hop	1.650	140	0.231	≤0.4	PASS
DH5	Ant1	Hop	2.890	130	0.376	≤0.4	PASS
2DH1	Ant1	Hop	0.394	330	0.13	≤0.4	PASS
2DH3	Ant1	Hop	1.638	230	0.377	≤0.4	PASS
2DH5	Ant1	Hop	2.879	130	0.374	≤0.4	PASS
3DH1	Ant1	Hop	0.393	320	0.126	≤0.4	PASS
3DH3	Ant1	Hop	1.635	160	0.262	≤0.4	PASS
3DH5	Ant1	Hop	2.878	130	0.374	≤0.4	PASS



Test Graphs



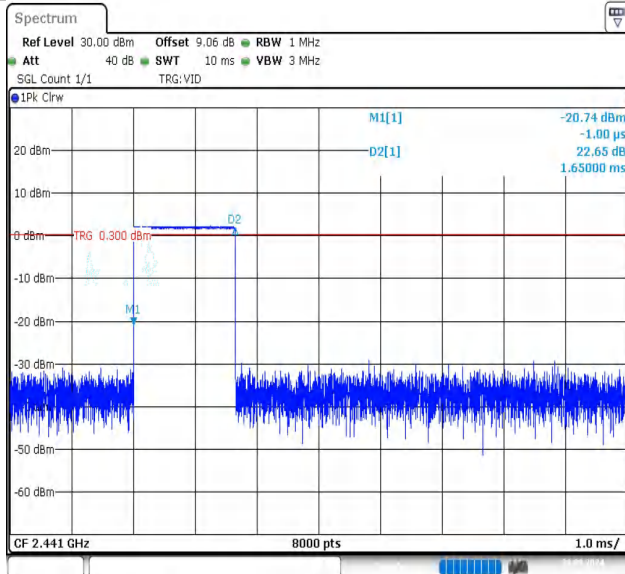
Date: 29.AUG.2024 19:19:56



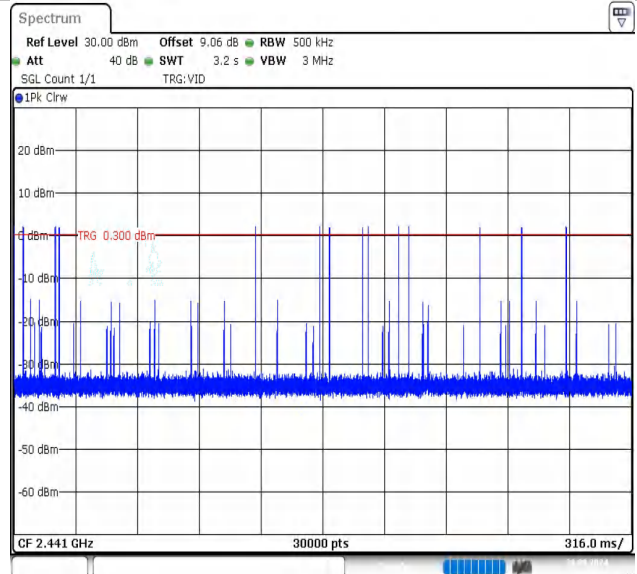
Date: 29.AUG.2024 19:20:02

DH1-Ant1-Hop-PASS

DH1-Ant1-Hop-PASS



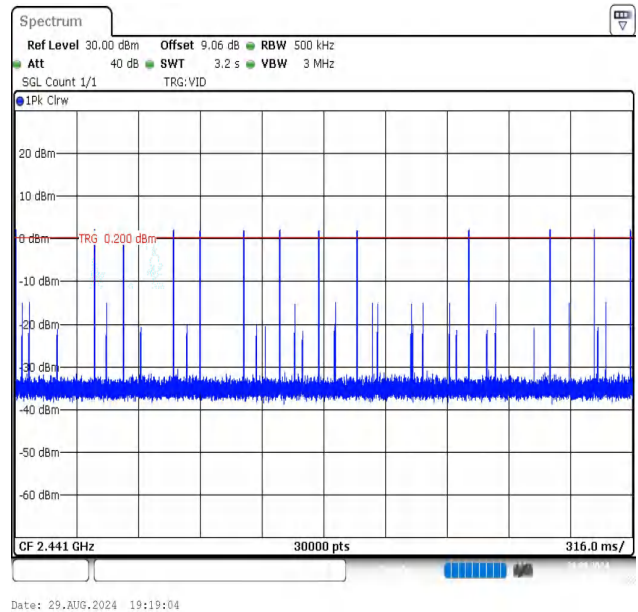
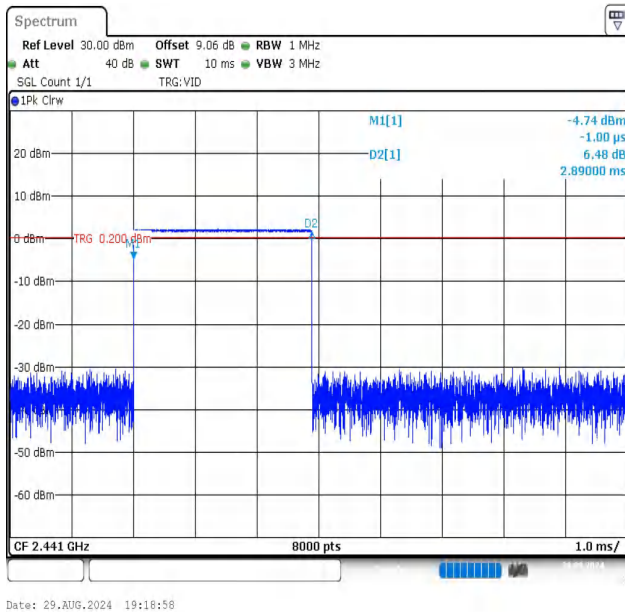
Date: 29.AUG.2024 19:20:36



Date: 29.AUG.2024 19:20:42

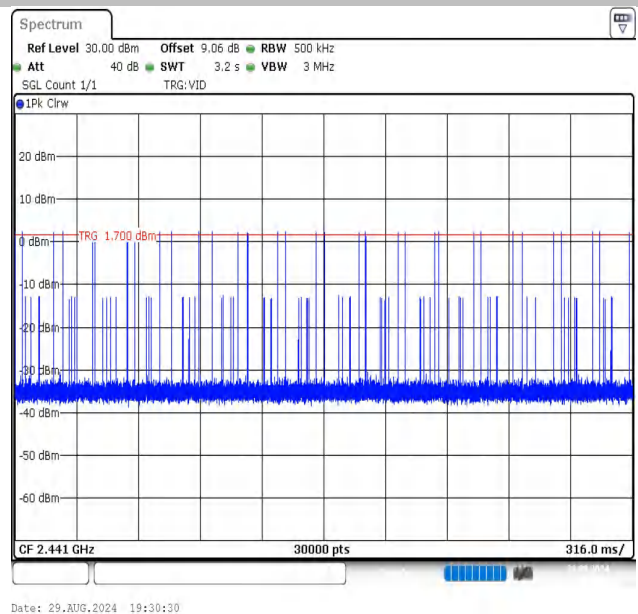
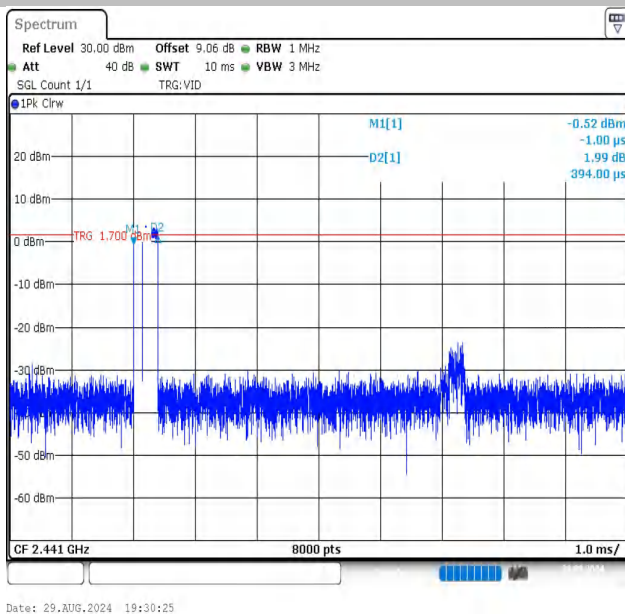
DH3-Ant1-Hop-PASS

DH3-Ant1-Hop-PASS



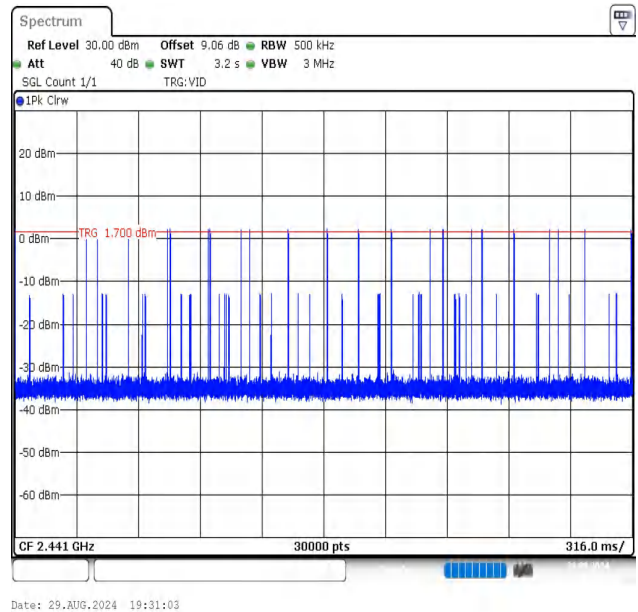
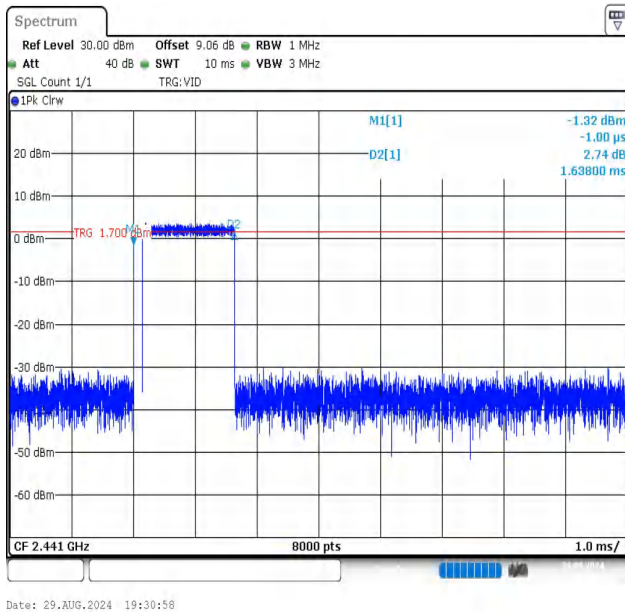
DH5-Ant1-Hop-PASS

DH5-Ant1-Hop-PASS



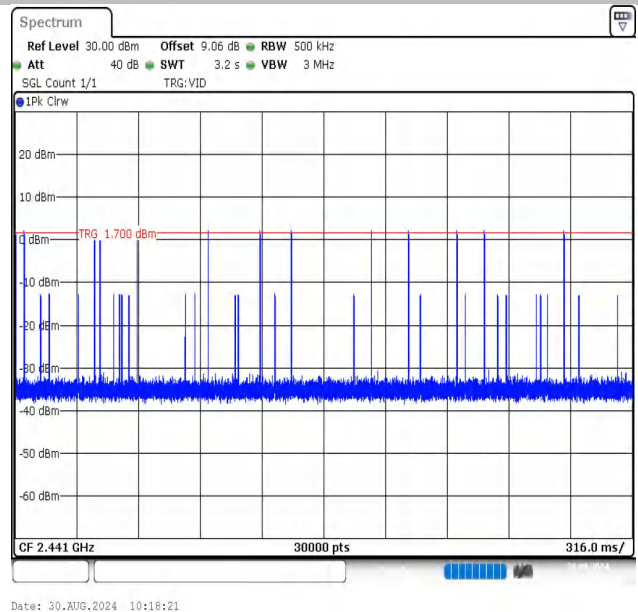
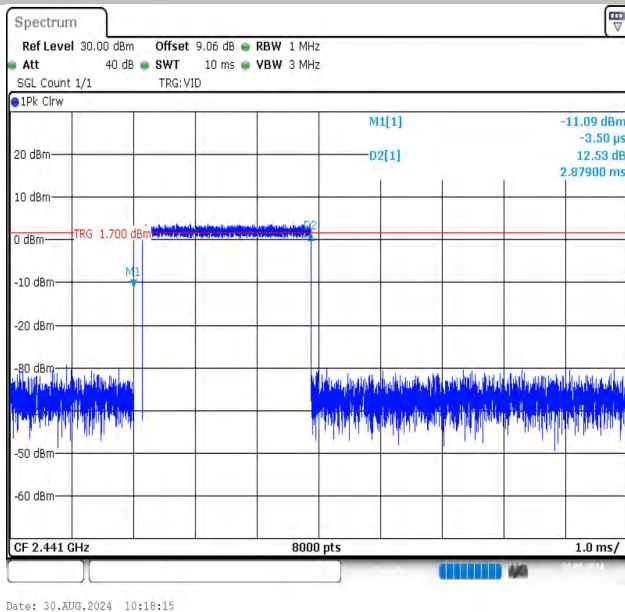
2DH1-Ant1-Hop-PASS

2DH1-Ant1-Hop-PASS



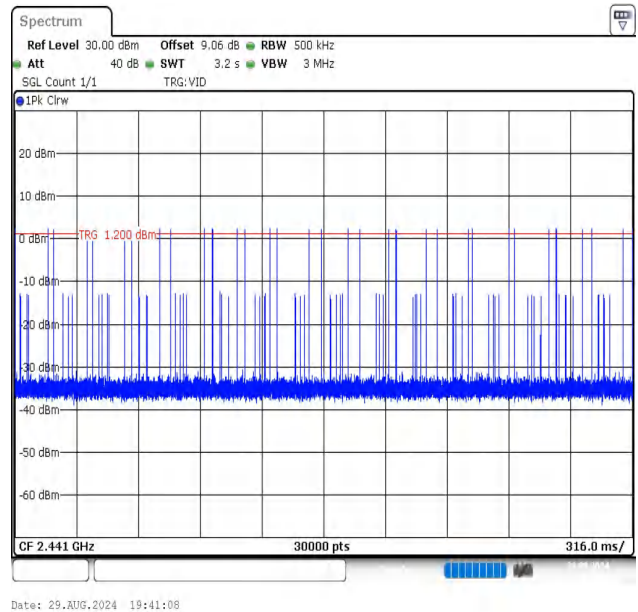
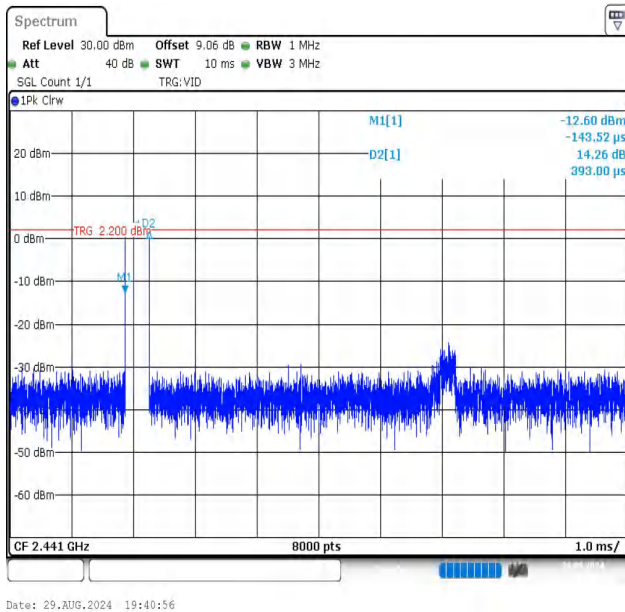
2DH3-Ant1-Hop-PASS

2DH3-Ant1-Hop-PASS



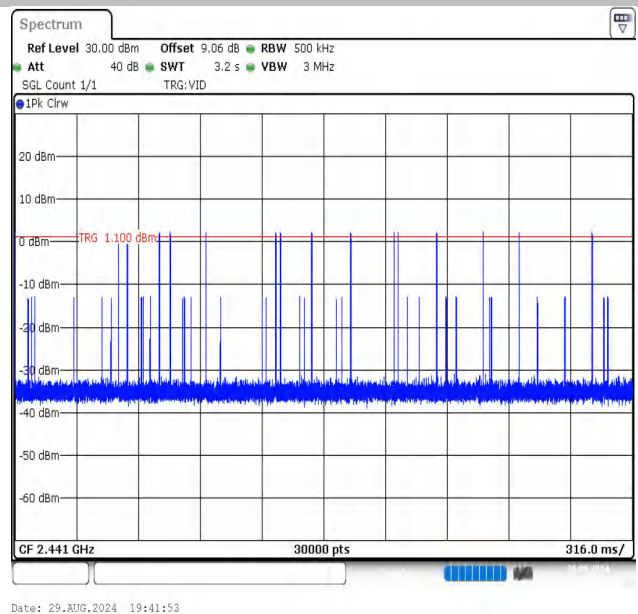
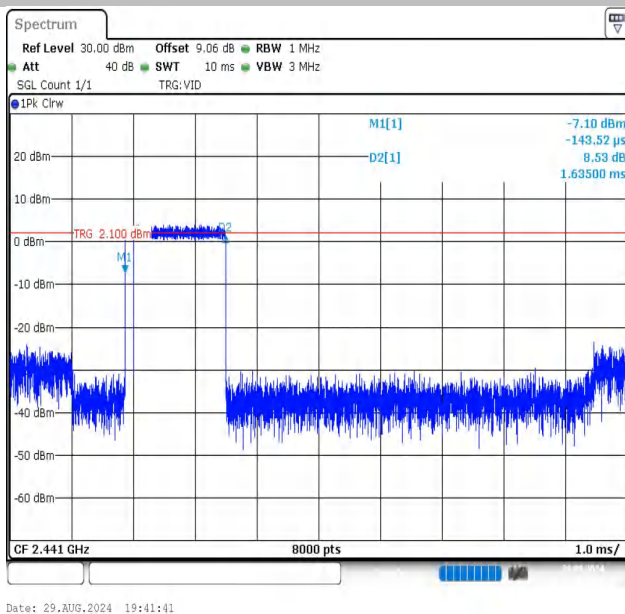
2DH5-Ant1-Hop-PASS

2DH5-Ant1-Hop-PASS



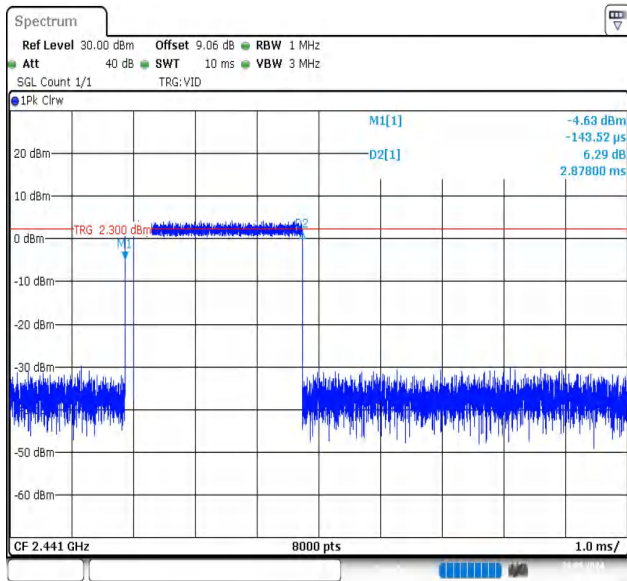
3DH1-Ant1-Hop-PASS

3DH1-Ant1-Hop-PASS



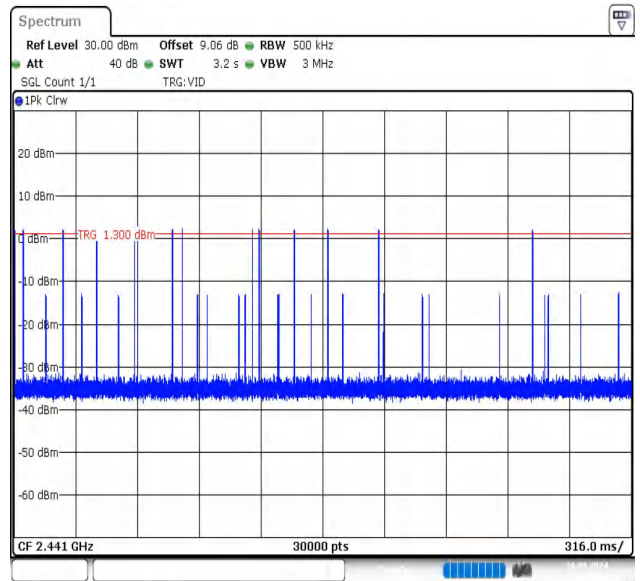
3DH3-Ant1-Hop-PASS

3DH3-Ant1-Hop-PASS



Date: 29.AUG.2024 19:40:13

3DH5-Ant1-Hop-PASS



Date: 29.AUG.2024 19:40:25

3DH5-Ant1-Hop-PASS



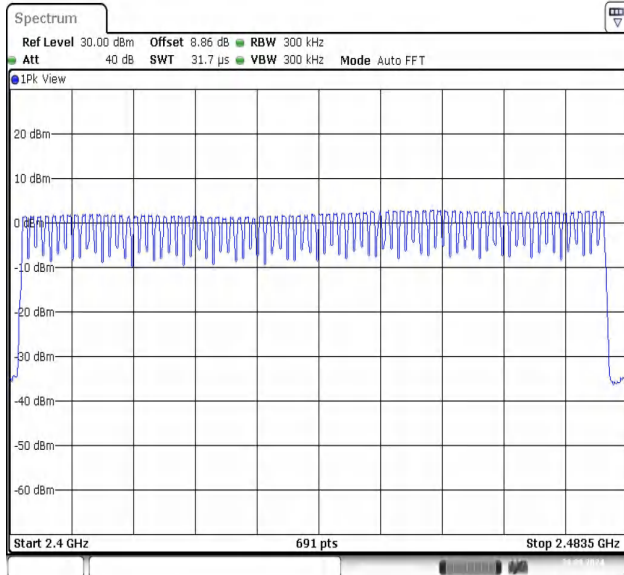
Appendix F: Number of hopping channels

Test Result

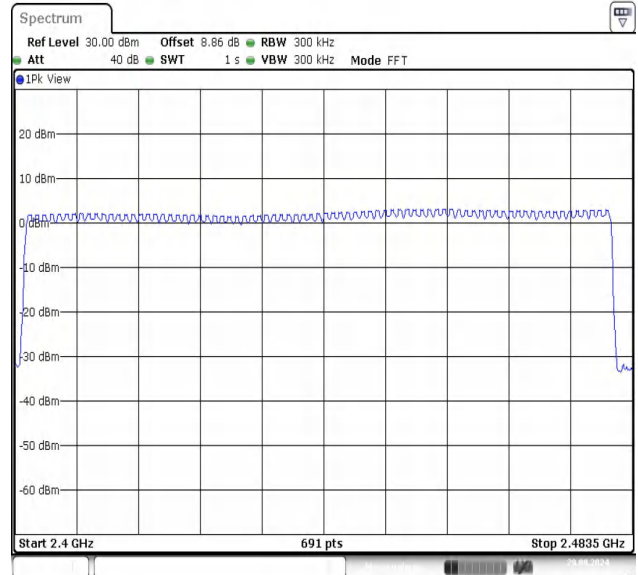
Test Mode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



Test Graphs



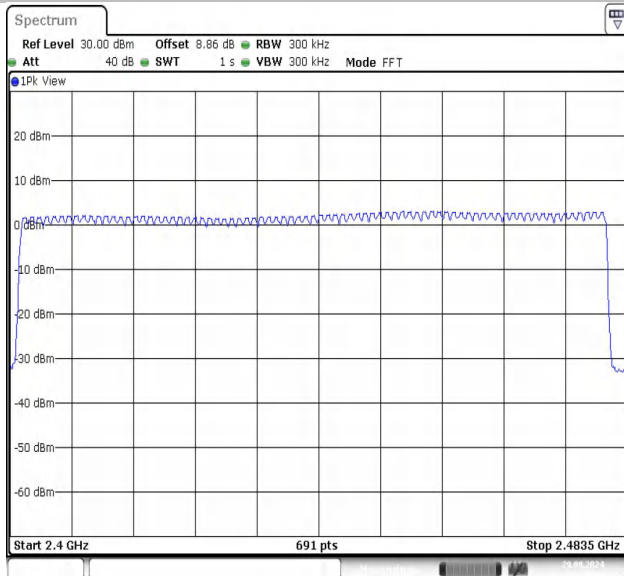
Date: 29.AUG.2024 19:18:43



Date: 29.AUG.2024 19:27:38

DH5-Ant1-Hop-PASS

2DH5-Ant1-Hop-PASS



Date: 29.AUG.2024 19:39:59

3DH5-Ant1-Hop-PASS



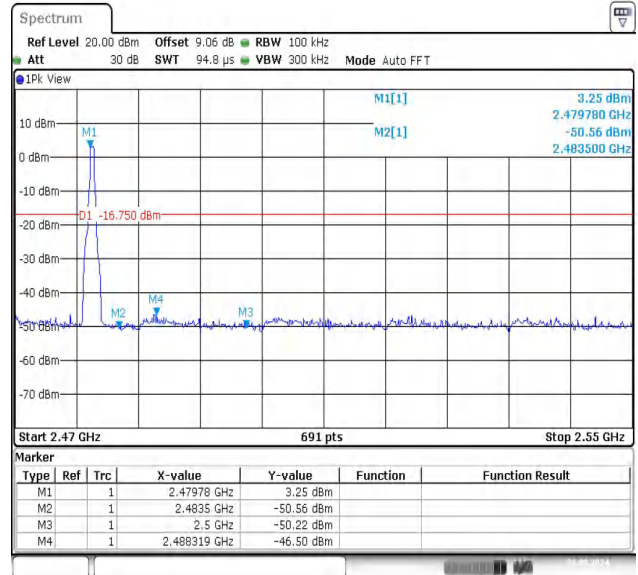
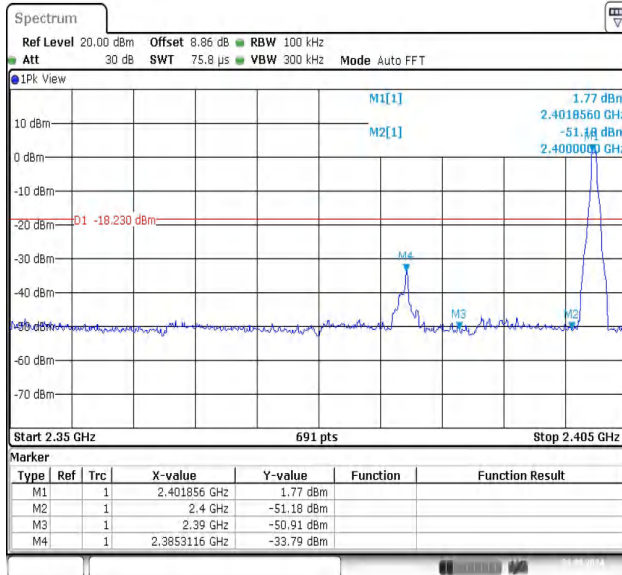
Appendix G: Band edge measurements

Test Result

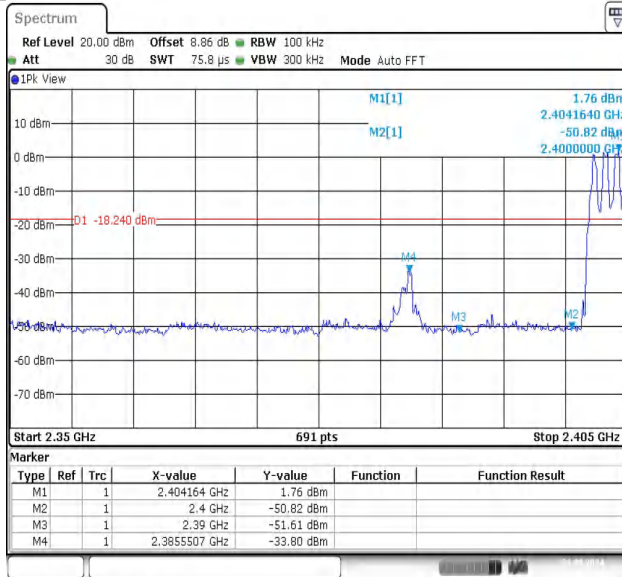
Test Mode	Antenna	ChName	Freq(MHz)	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.77	-33.79	≤ -18.23	PASS
DH5	Ant1	High	2480	3.25	-46.5	≤ -16.75	PASS
DH5	Ant1	Low	Hop_2402	1.76	-33.8	≤ -18.24	PASS
DH5	Ant1	High	Hop_2480	2.85	-46.14	≤ -17.15	PASS
2DH5	Ant1	Low	2402	1.55	-43.11	≤ -18.45	PASS
2DH5	Ant1	High	2480	3.13	-46.51	≤ -16.87	PASS
2DH5	Ant1	Low	Hop_2402	1.06	-43.29	≤ -18.94	PASS
2DH5	Ant1	High	Hop_2480	2.36	-46.78	≤ -17.64	PASS
3DH5	Ant1	Low	2402	1.74	-42.54	≤ -18.26	PASS
3DH5	Ant1	High	2480	3.29	-46.41	≤ -16.71	PASS
3DH5	Ant1	Low	Hop_2402	1.82	-46.84	≤ -18.18	PASS
3DH5	Ant1	High	Hop_2480	2.63	-46.09	≤ -17.37	PASS



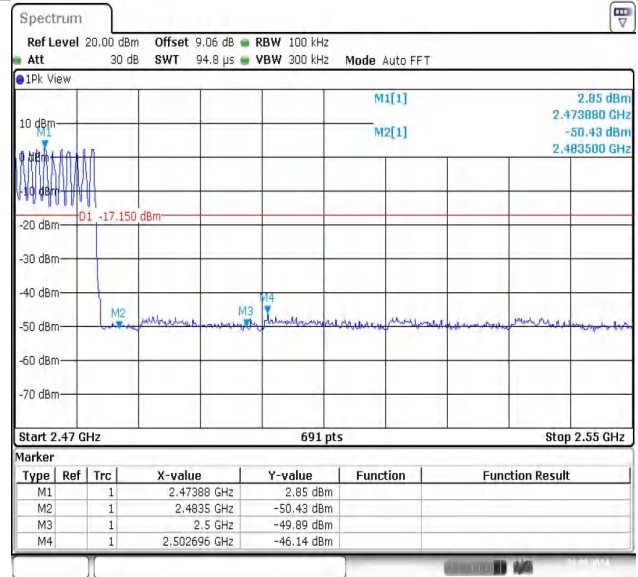
Test Graphs



DH5-Ant1-2402-PASS

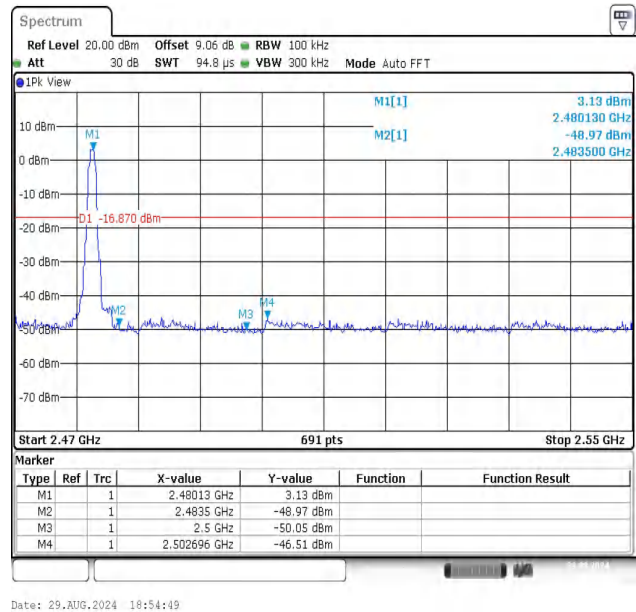
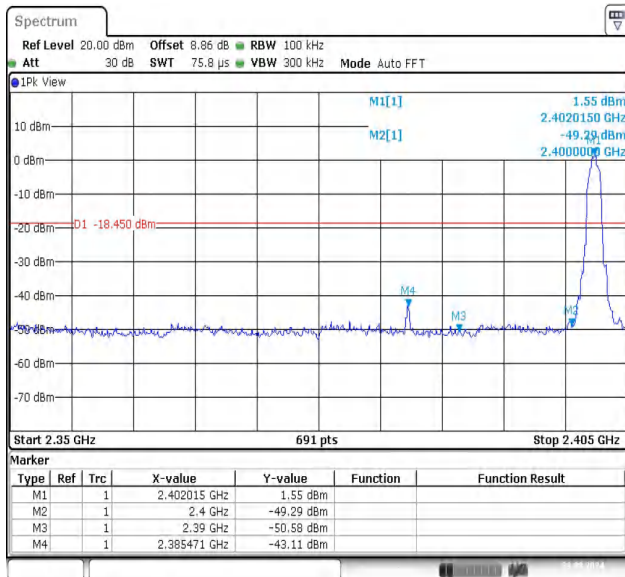


DH5-Ant1-2480-PASS

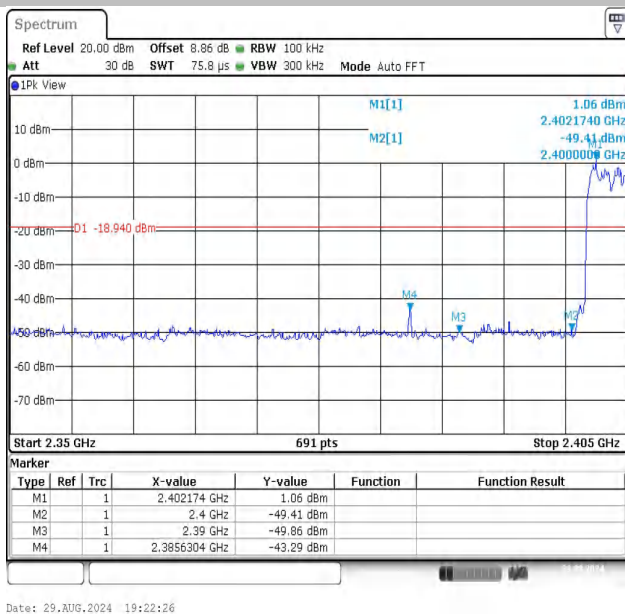


DH5-Ant1-Hop_2402-PASS

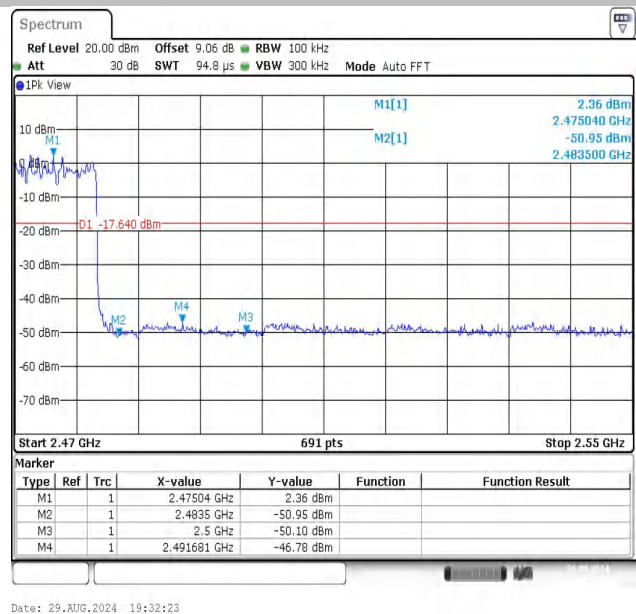
DH5-Ant1-Hop_2480-PASS



2DH5-Ant1-2402-PASS

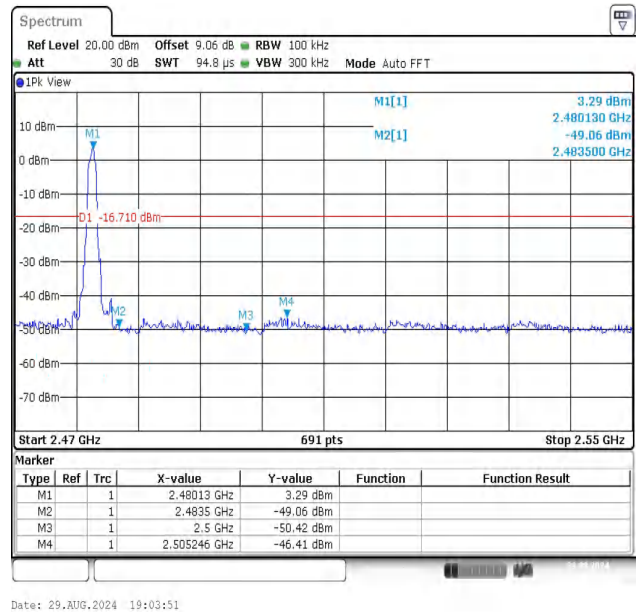
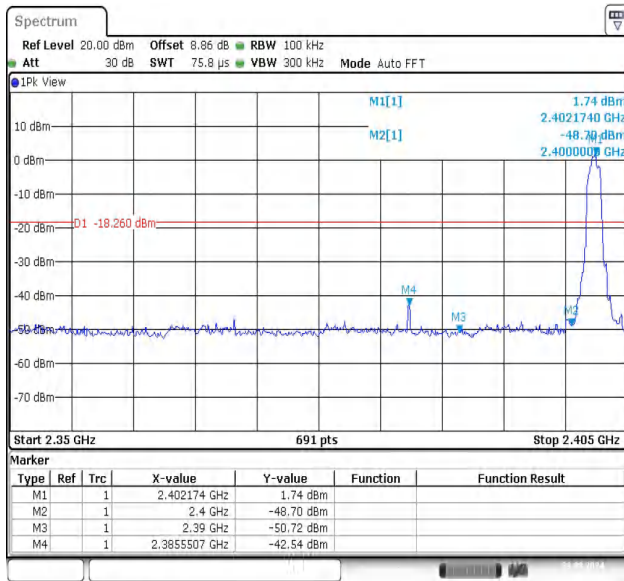


2DH5-Ant1-2480-PASS

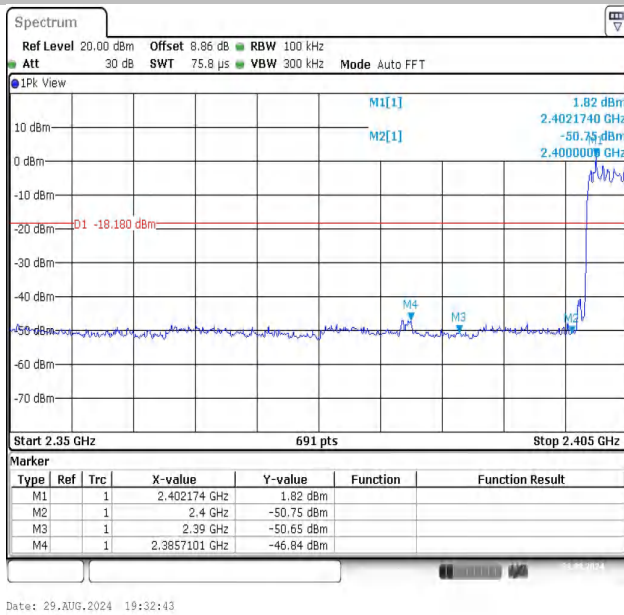


2DH5-Ant1-Hop_2402-PASS

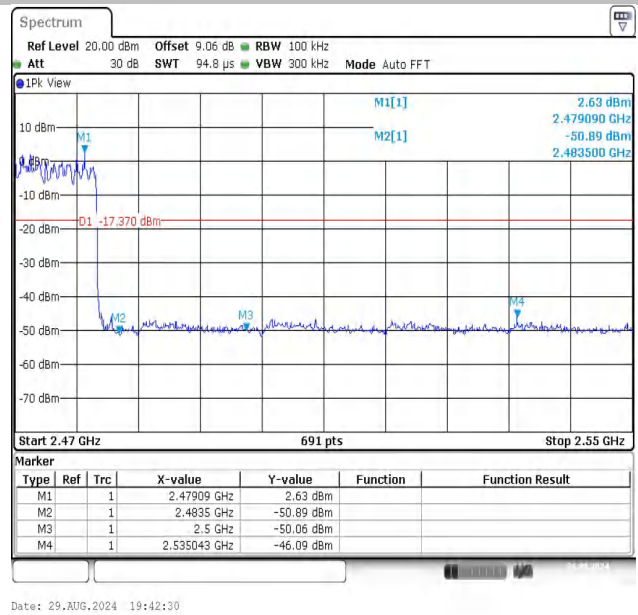
2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS

3DH5-Ant1-Hop_2480-PASS



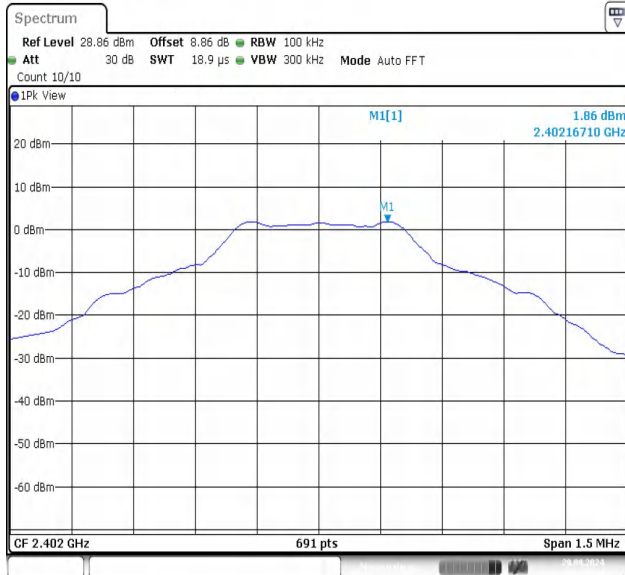
Appendix H: Conducted Spurious Emission

Test Result

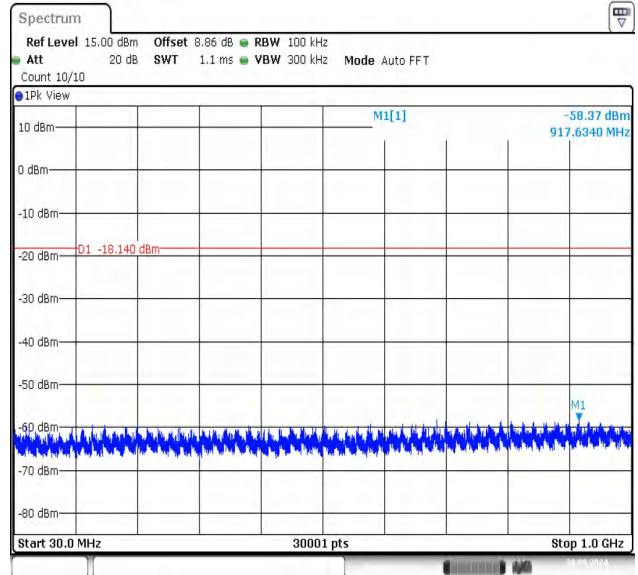
Test Mode	Antenna	Freq(MHz)	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.86	1.86	---	PASS
DH5	Ant1	2402	30~1000	1.86	-58.37	≤-18.14	PASS
DH5	Ant1	2402	1000~26500	1.86	-47.62	≤-18.14	PASS
DH5	Ant1	2441	0~Reference	2.42	2.42	---	PASS
DH5	Ant1	2441	30~1000	2.42	-45.32	≤-17.58	PASS
DH5	Ant1	2441	1000~26500	2.42	-46.77	≤-17.58	PASS
DH5	Ant1	2480	0~Reference	3.21	3.21	---	PASS
DH5	Ant1	2480	30~1000	3.21	-58	≤-16.79	PASS
DH5	Ant1	2480	1000~26500	3.21	-47.43	≤-16.79	PASS
2DH5	Ant1	2402	0~Reference	1.87	1.87	---	PASS
2DH5	Ant1	2402	30~1000	1.87	-57.68	≤-18.13	PASS
2DH5	Ant1	2402	1000~26500	1.87	-47.26	≤-18.13	PASS
2DH5	Ant1	2441	0~Reference	2.45	2.45	---	PASS
2DH5	Ant1	2441	30~1000	2.45	-56.65	≤-17.55	PASS
2DH5	Ant1	2441	1000~26500	2.45	-46.9	≤-17.55	PASS
2DH5	Ant1	2480	0~Reference	3.26	3.26	---	PASS
2DH5	Ant1	2480	30~1000	3.26	-55.72	≤-16.74	PASS
2DH5	Ant1	2480	1000~26500	3.26	-46.78	≤-16.74	PASS
3DH5	Ant1	2402	0~Reference	1.87	1.87	---	PASS
3DH5	Ant1	2402	30~1000	1.87	-57.92	≤-18.13	PASS
3DH5	Ant1	2402	1000~26500	1.87	-47.35	≤-18.13	PASS
3DH5	Ant1	2441	0~Reference	2.47	2.47	---	PASS
3DH5	Ant1	2441	30~1000	2.47	-37.32	≤-17.53	PASS
3DH5	Ant1	2441	1000~26500	2.47	-47.6	≤-17.53	PASS
3DH5	Ant1	2480	0~Reference	3.25	3.25	---	PASS
3DH5	Ant1	2480	30~1000	3.25	-49.1	≤-16.75	PASS
3DH5	Ant1	2480	1000~26500	3.25	-42.43	≤-16.75	PASS



Test Graphs



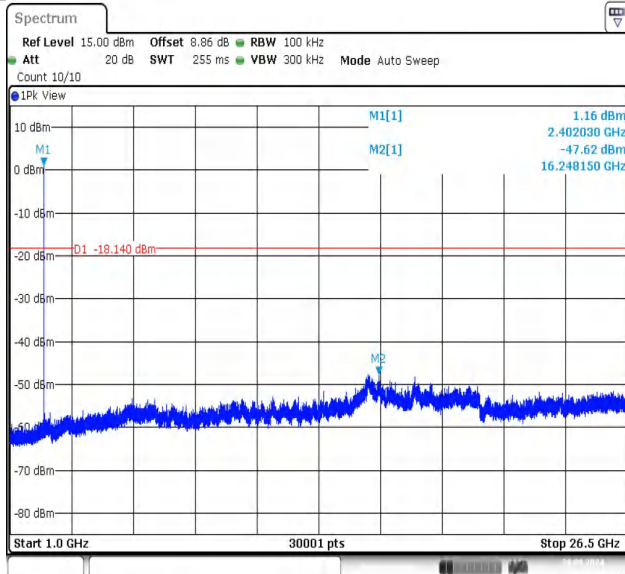
Date: 29,AUG,2024 18:36:00



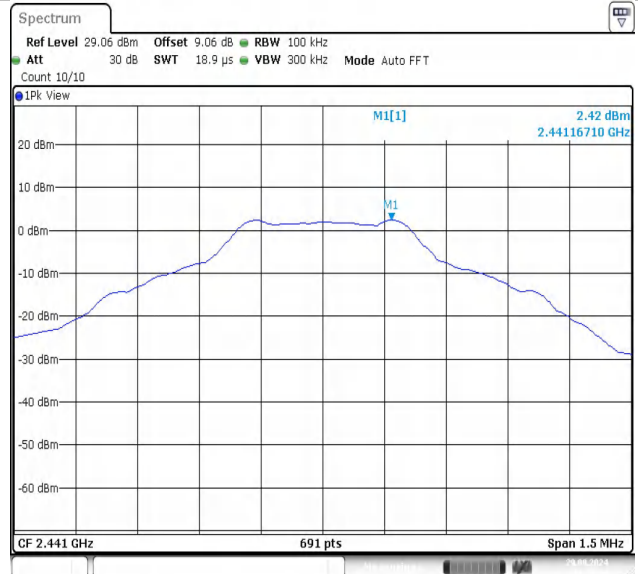
Date: 29,AUG,2024 18:36:11

DH5-Ant1-2402-0~Reference-PASS

DH5-Ant1-2402-30~1000-PASS



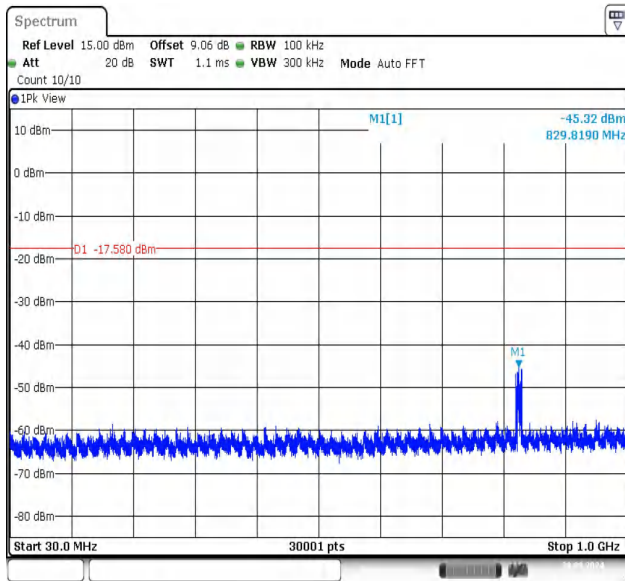
Date: 29,AUG,2024 18:36:48



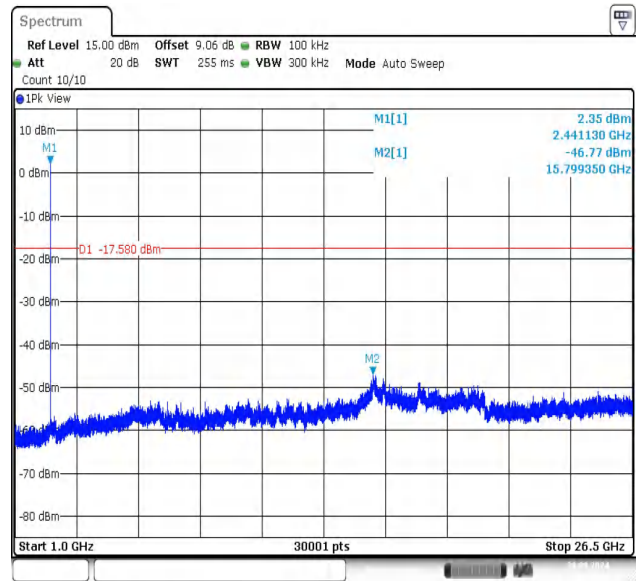
Date: 29,AUG,2024 18:41:50

DH5-Ant1-2402-1000~26500-PASS

DH5-Ant1-2441-0~Reference-PASS



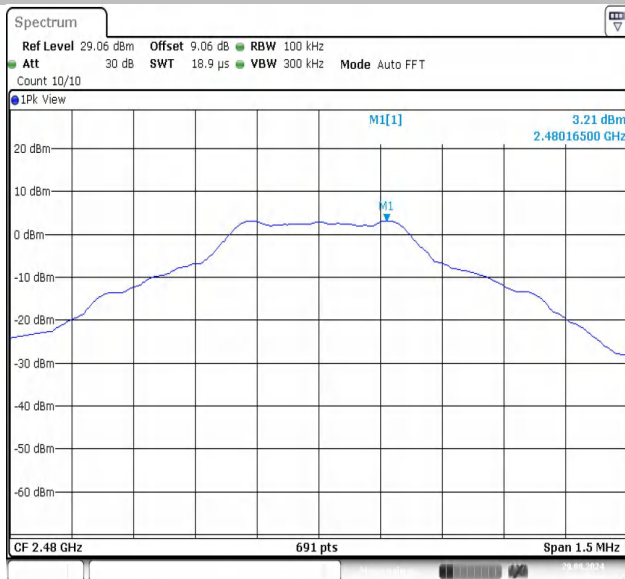
Date: 29.AUG.2024 18:42:01



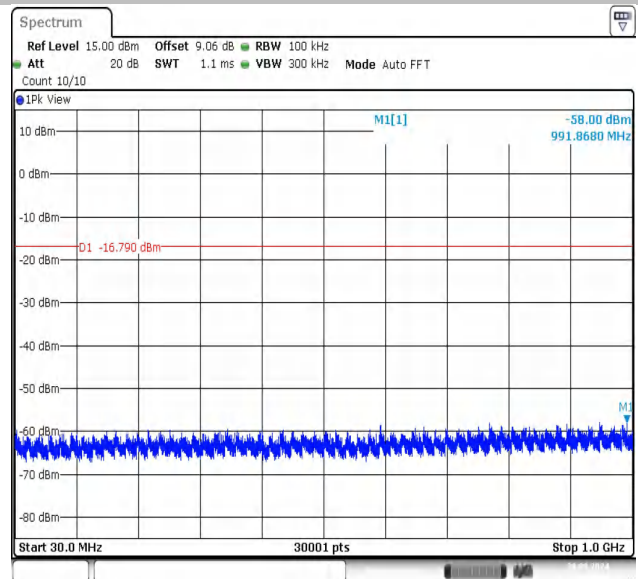
Date: 29.AUG.2024 18:42:38

DH5-Ant1-2441-30~1000-PASS

DH5-Ant1-2441-1000~26500-PASS



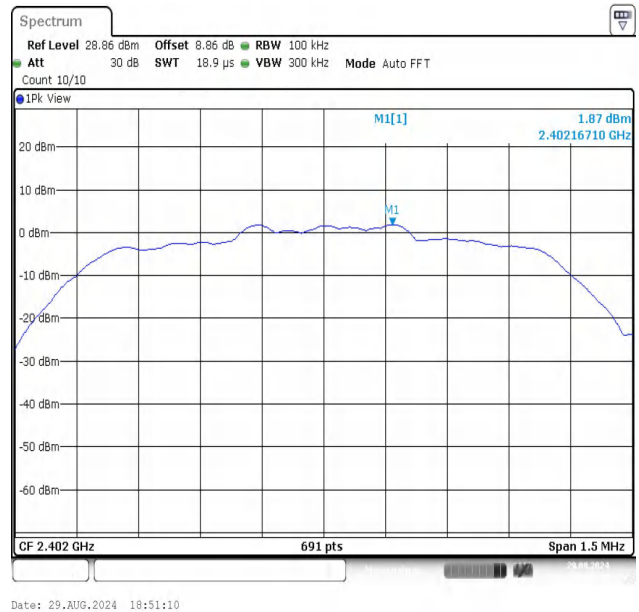
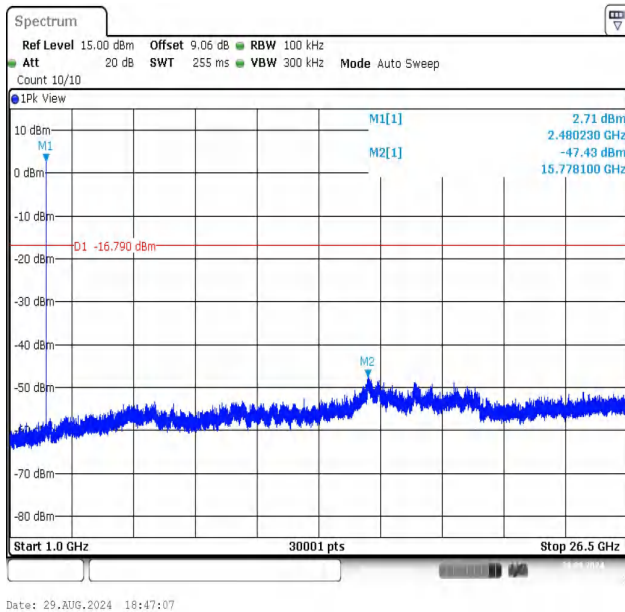
Date: 29.AUG.2024 18:46:18



Date: 29.AUG.2024 18:46:30

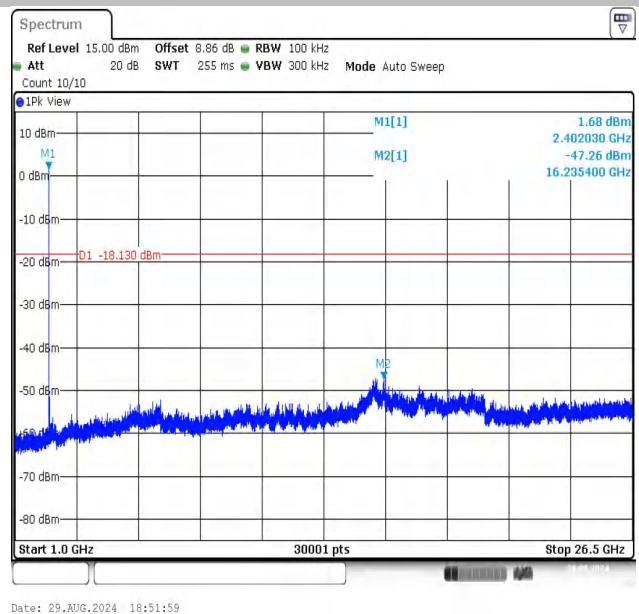
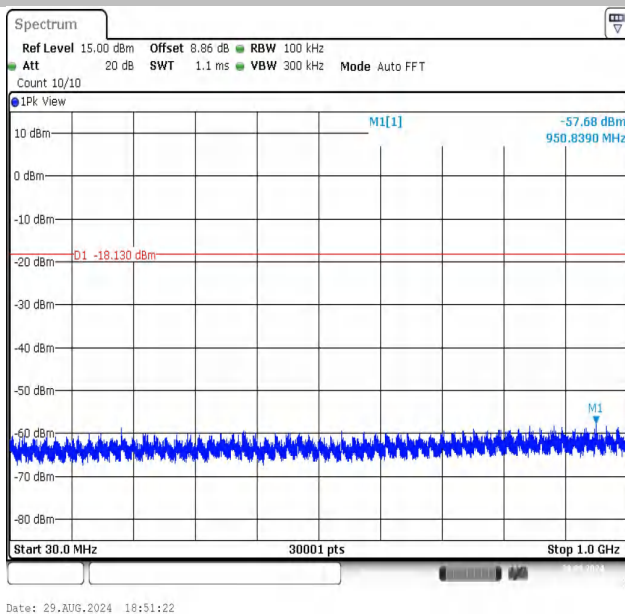
DH5-Ant1-2480-0~Reference-PASS

DH5-Ant1-2480-30~1000-PASS



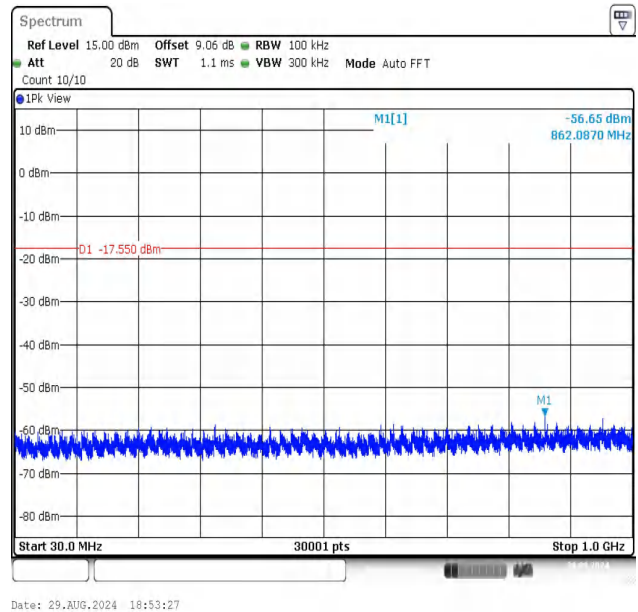
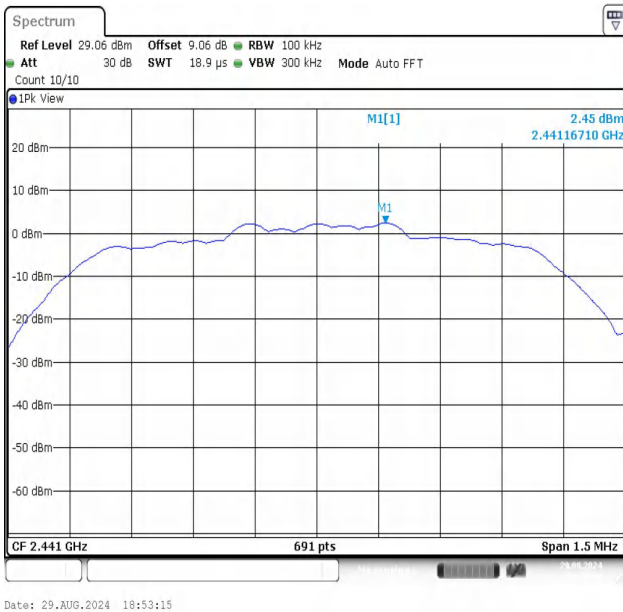
DH5-Ant1-2480-1000~26500-PASS

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



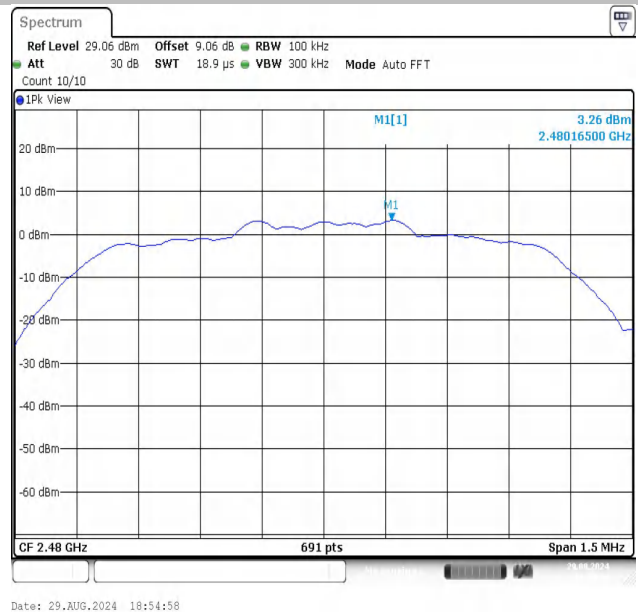
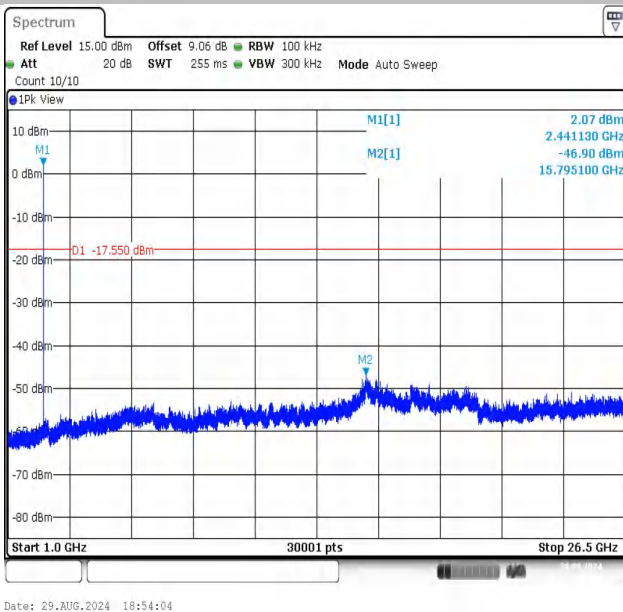
2DH5-Ant1-2402-30~1000-PASS

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



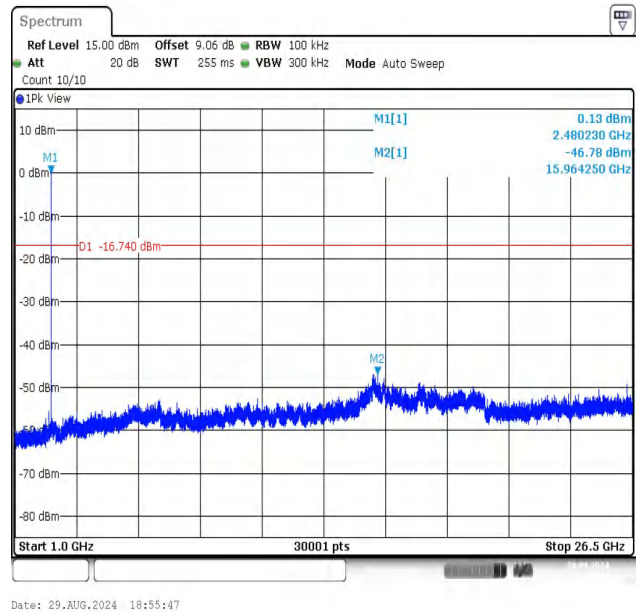
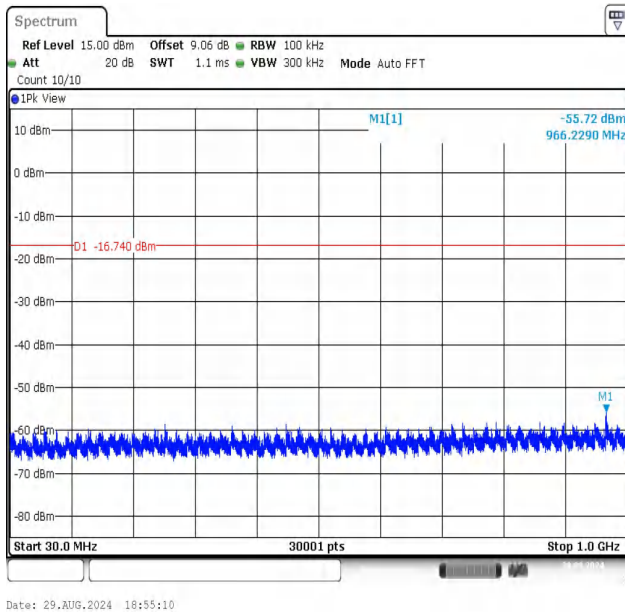
2DH5-Ant1-2441-0~Reference-PASS

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



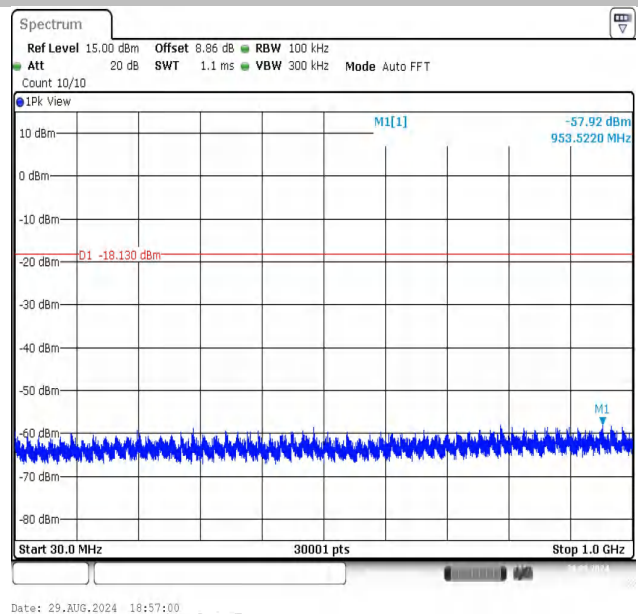
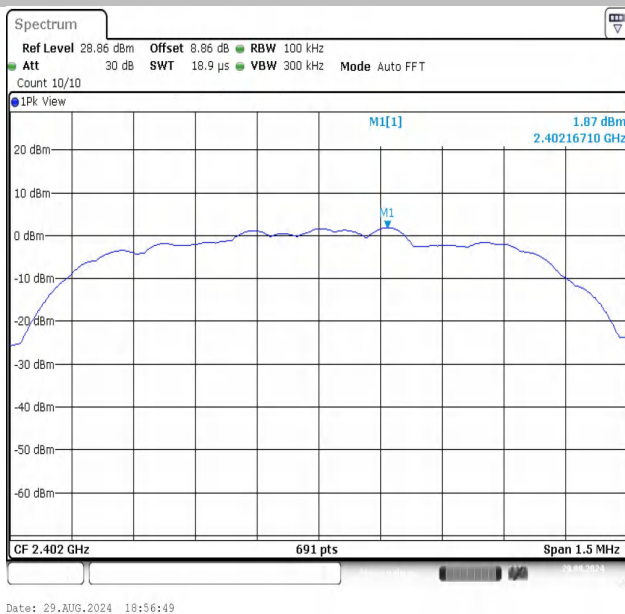
2DH5-Ant1-2441-1000~26500-PASS

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



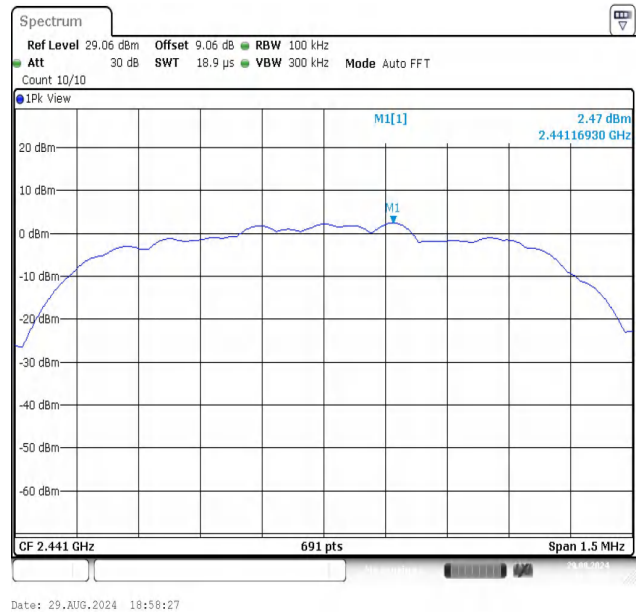
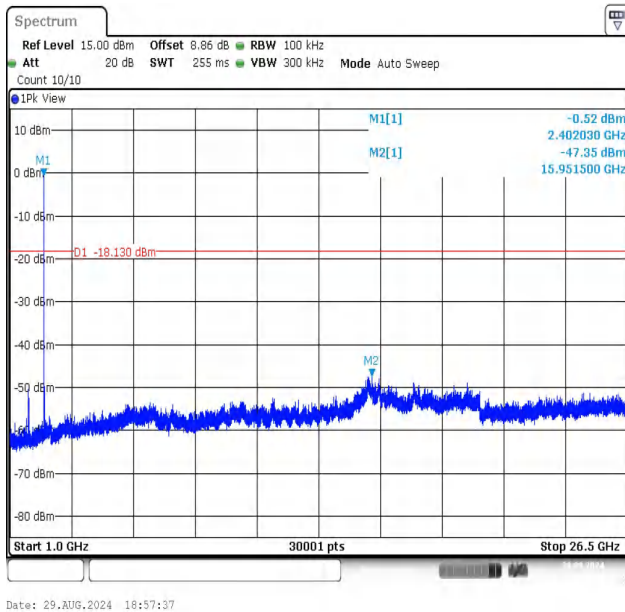
2DH5-Ant1-2480-30~1000-PASS

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



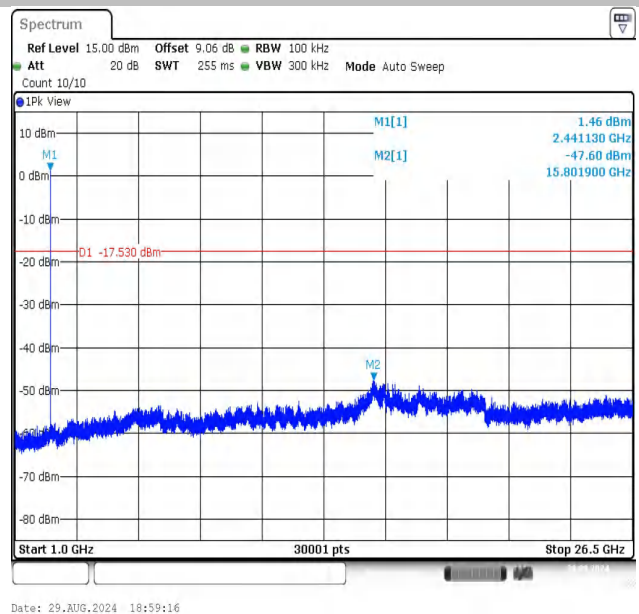
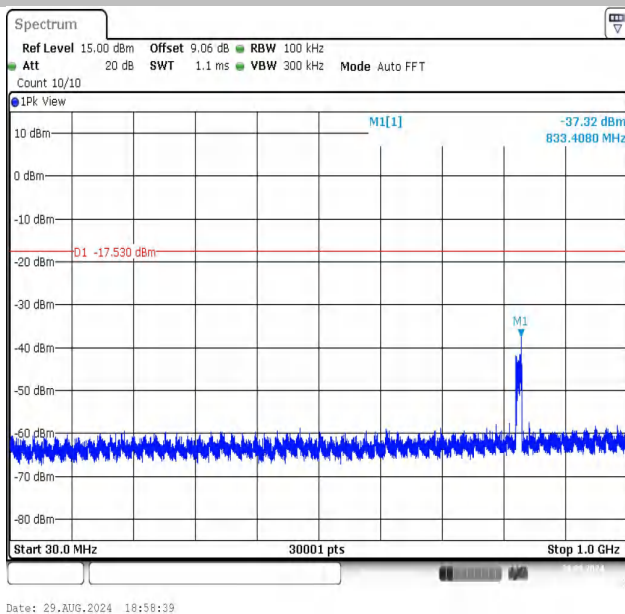
3DH5-Ant1-2402-0~Reference-PASS

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



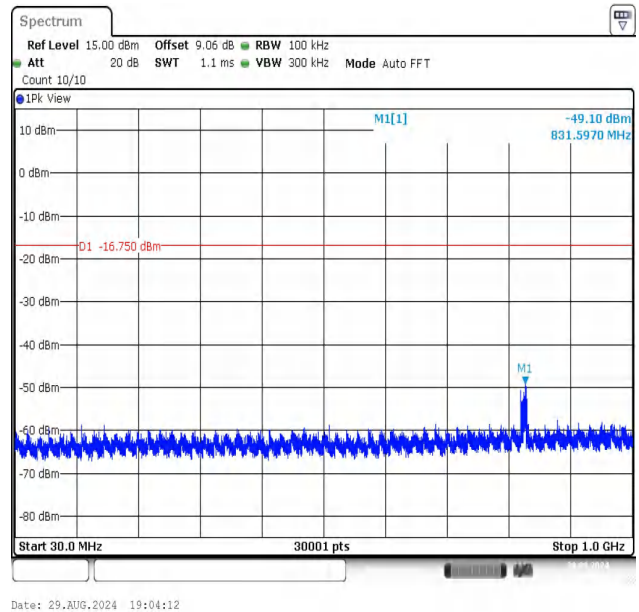
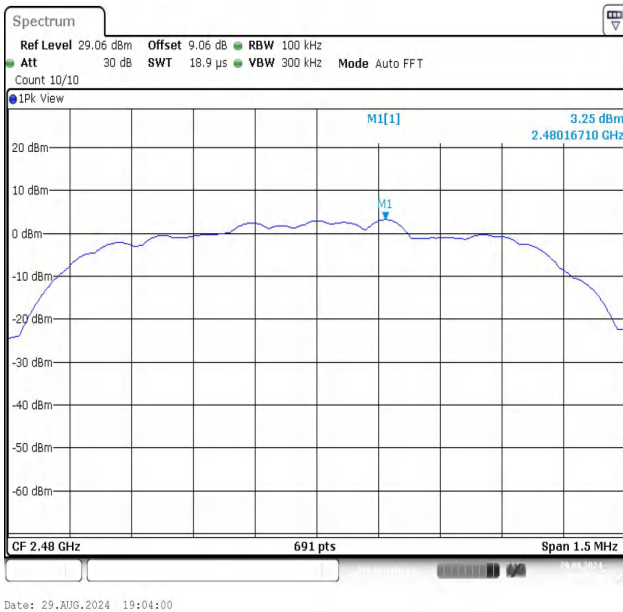
3DH5-Ant1-2402-1000~26500-PASS

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



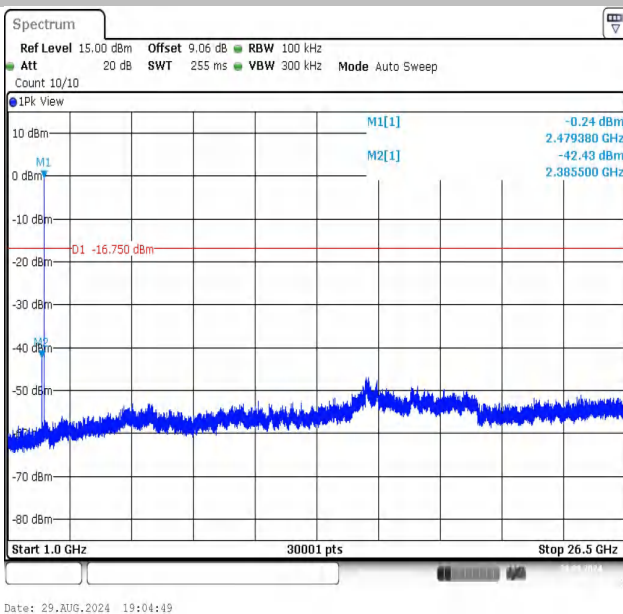
3DH5-Ant1-2441-30~1000-PASS

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



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

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



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



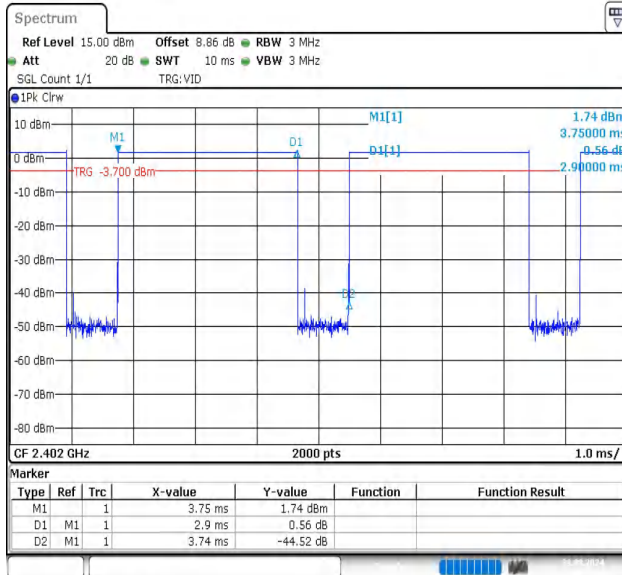
Appendix I: Duty Cycle

Test Result

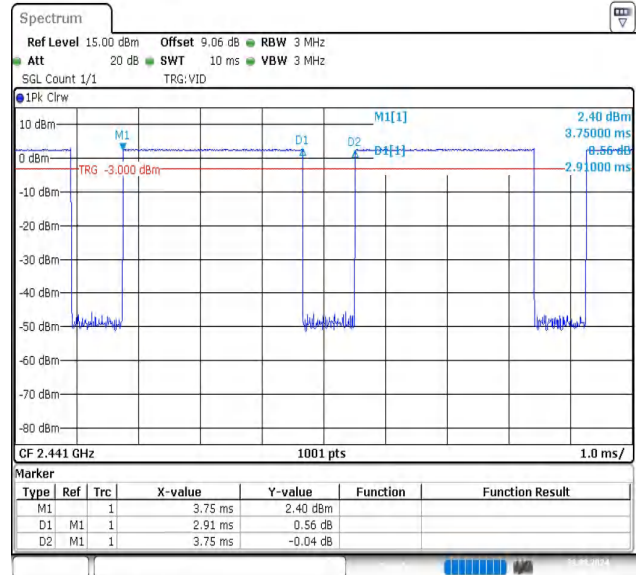
Test Mode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor (dB)
DH5	Ant1	2402	2.90	3.74	77.54	1.10
DH5	Ant1	2441	2.91	3.75	77.60	1.10
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	2.91	3.76	77.39	1.11
2DH5	Ant1	2441	2.90	3.75	77.33	1.12
2DH5	Ant1	2480	2.91	3.76	77.39	1.11
3DH5	Ant1	2402	2.90	3.76	77.13	1.13
3DH5	Ant1	2441	2.90	3.76	77.13	1.13
3DH5	Ant1	2480	2.90	3.75	77.33	1.12



Test Graphs



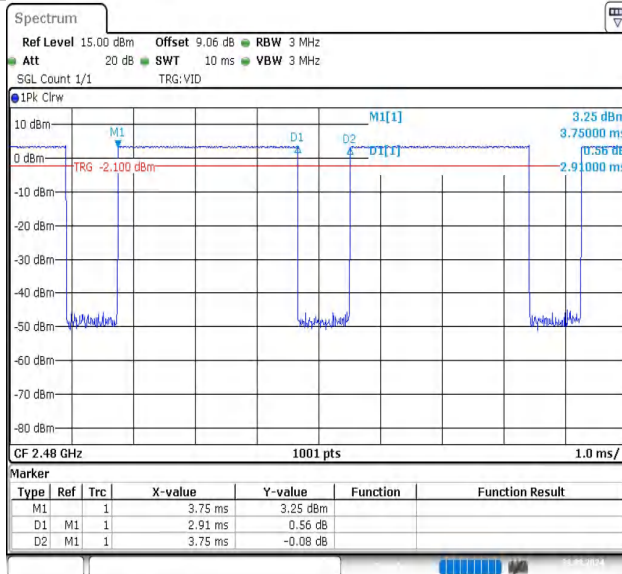
Date: 29,AUG,2024 18:35:23



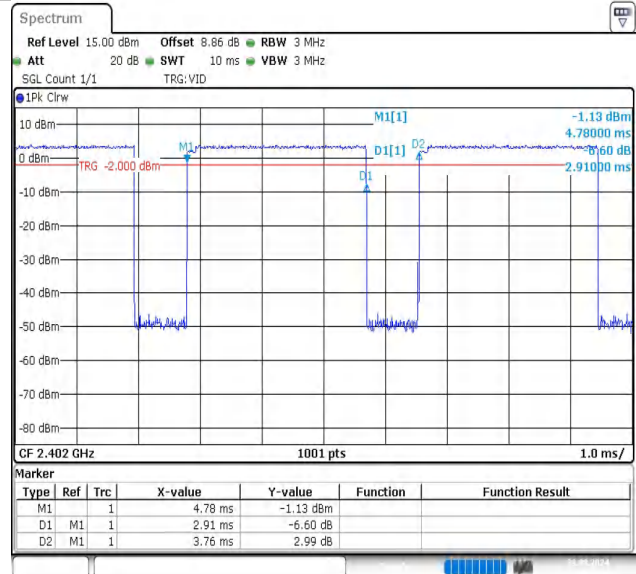
Date: 29,AUG,2024 18:41:24

NTNV-DH5-Ant1-2402

NTNV-DH5-Ant1-2441



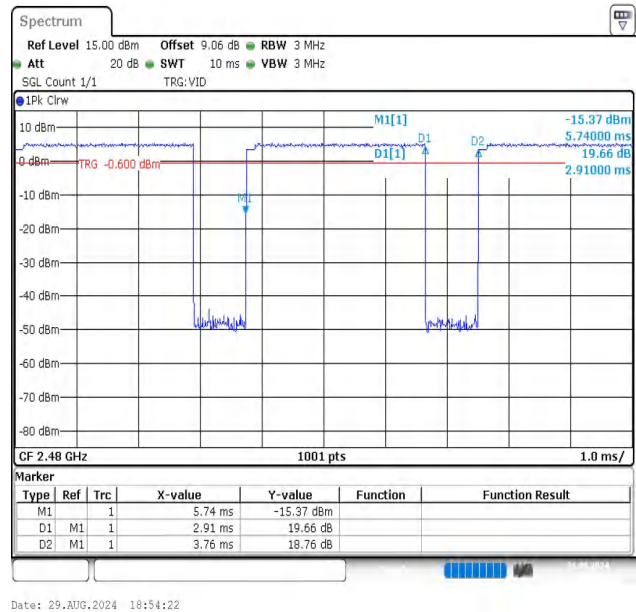
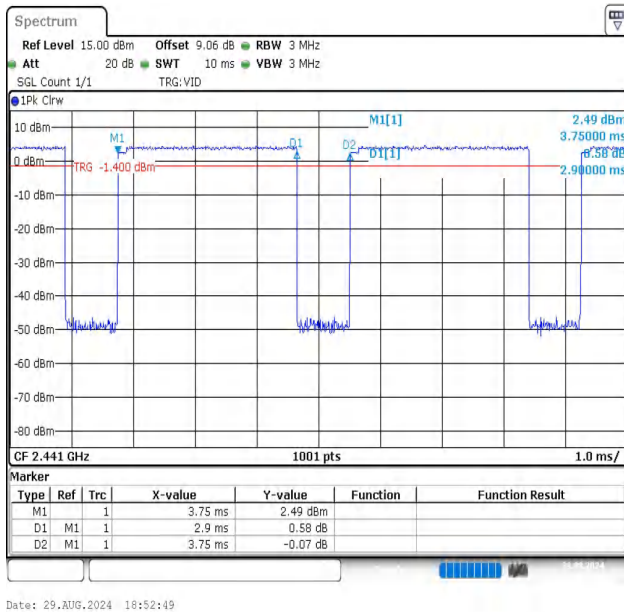
Date: 29,AUG,2024 18:45:42



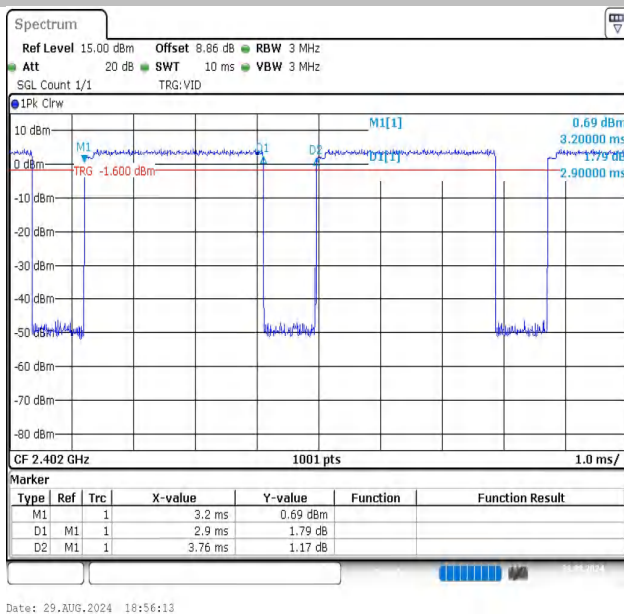
Date: 29,AUG,2024 18:50:34

NTNV-DH5-Ant1-2480

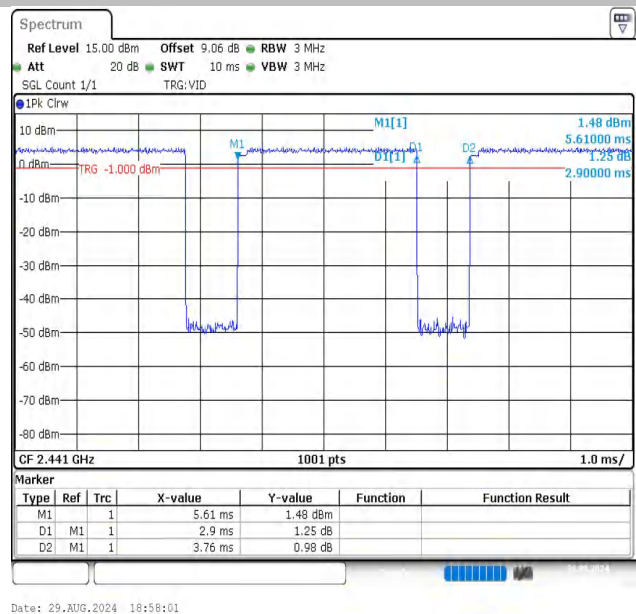
NTNV-2DH5-Ant1-2402



NTNV-2DH5-Ant1-2441

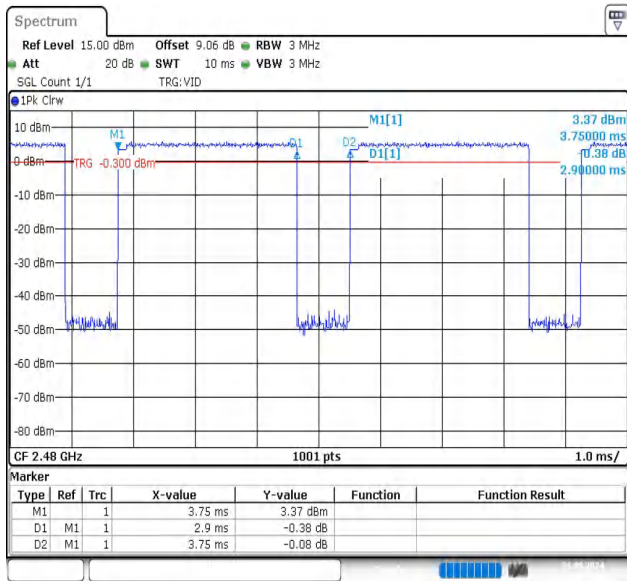


NTNV-2DH5-Ant1-2480



NTNV-3DH5-Ant1-2402

NTNV-3DH5-Ant1-2441



Date: 29.AUG.2024 19:03:24

NTNV-3DH5-Ant1-2480

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