

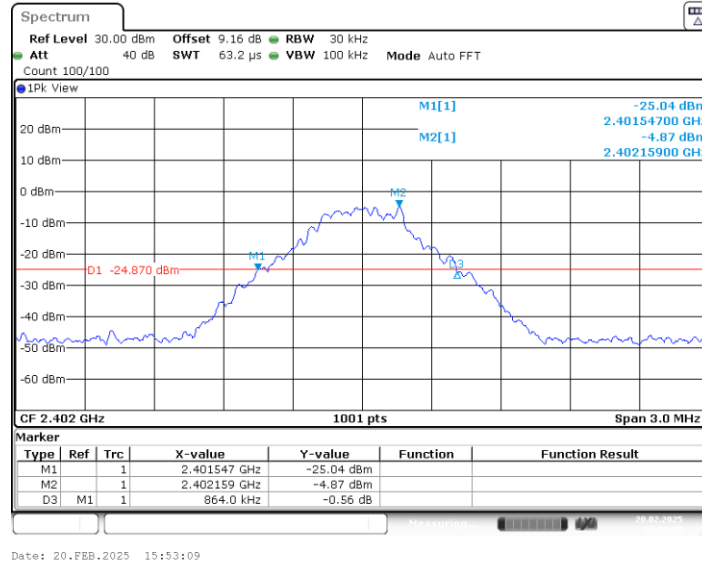
Appendix A: 20dB Emission Bandwidth

Test Result

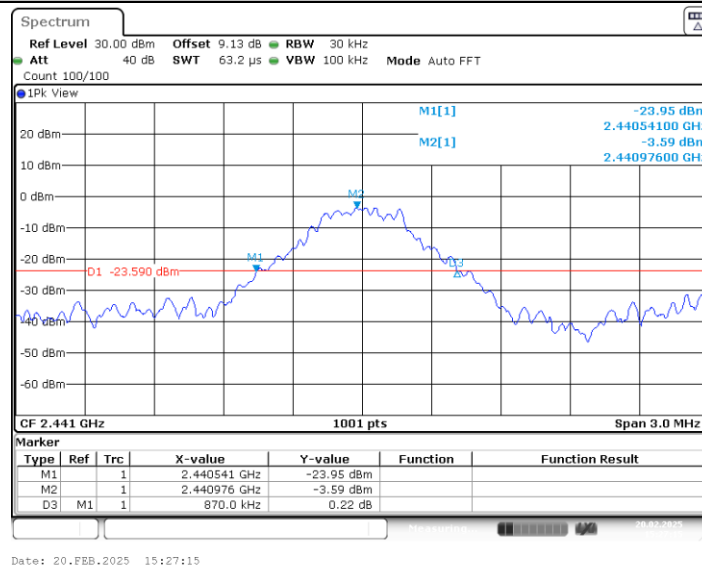
TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86	2401.55	2402.41	---	---
		2441	0.87	2440.54	2441.41	---	---
		2480	0.86	2479.55	2480.41	---	---
2DH5	Ant1	2402	1.26	2401.37	2402.63	---	---
		2441	1.27	2440.37	2441.64	---	---
		2480	1.26	2479.37	2480.63	---	---
3DH5	Ant1	2402	1.26	2401.36	2402.62	---	---
		2441	1.27	2440.36	2441.63	---	---
		2480	1.26	2479.36	2480.62	---	---

Test Graphs

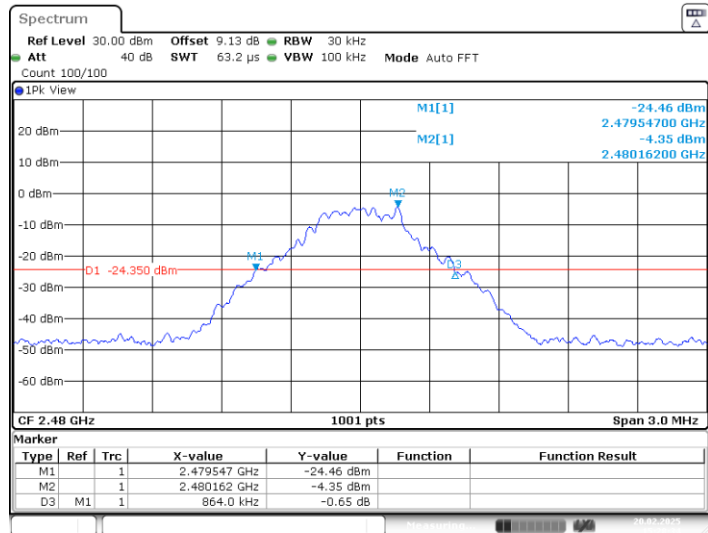
DH5_Ant1_2402



DH5_Ant1_2441

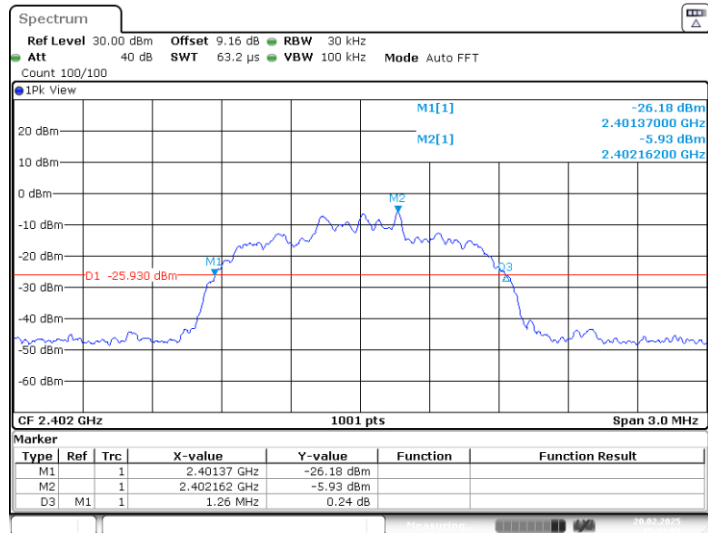


DH5_Ant1_2480



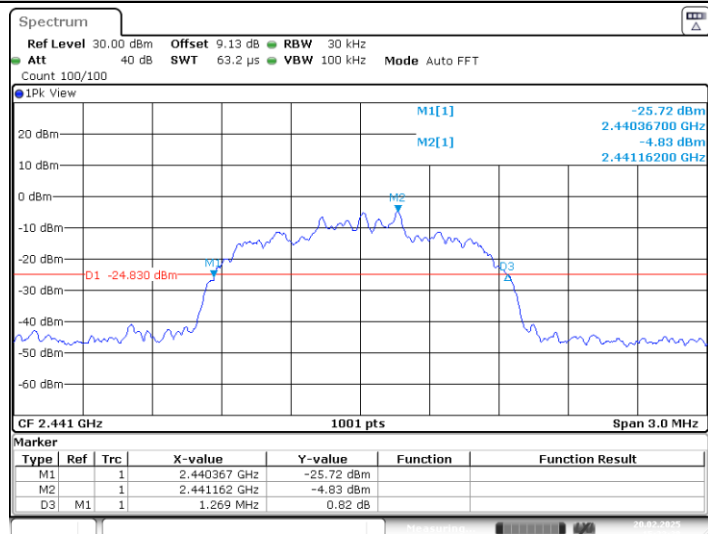
Date: 20.FEB.2025 15:28:35

2DH5_Ant1_2402



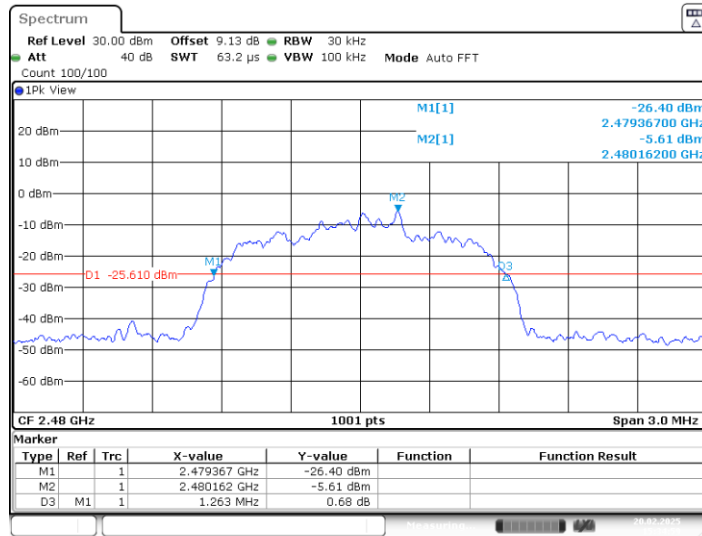
Date: 20.FEB.2025 15:31:03

2DH5_Ant1_2441



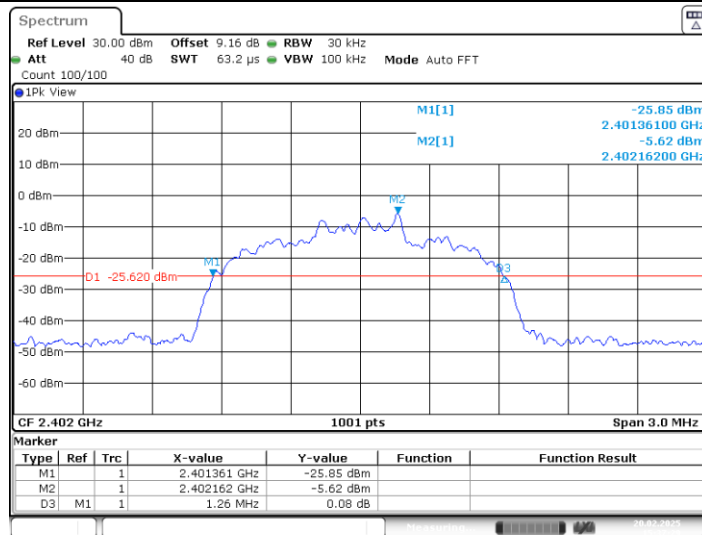
Date: 20.FEB.2025 15:33:38

2DH5_Ant1_2480



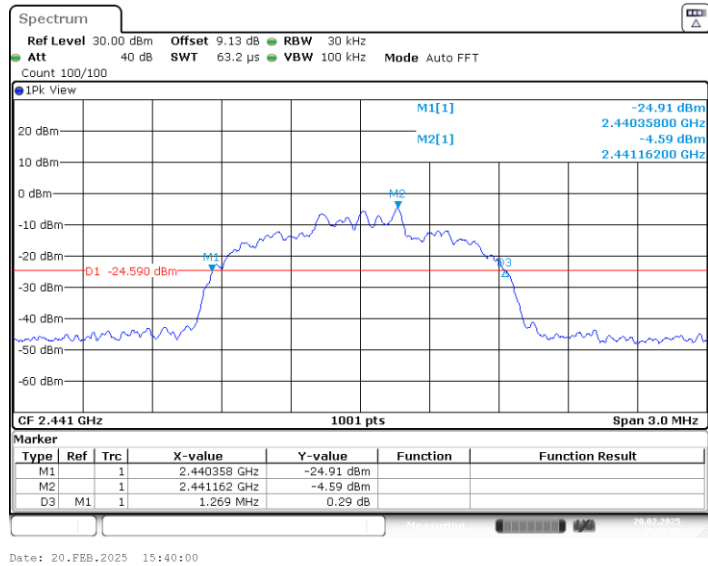
Date: 20.FEB.2025 15:34:59

3DH5_Ant1_2402

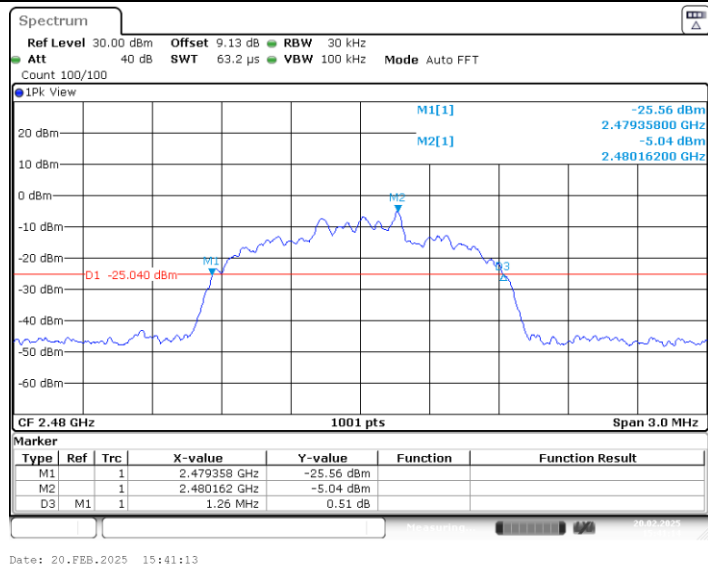


Date: 20.FEB.2025 15:37:29

3DH5_Ant1_2441



3DH5_Ant1_2480



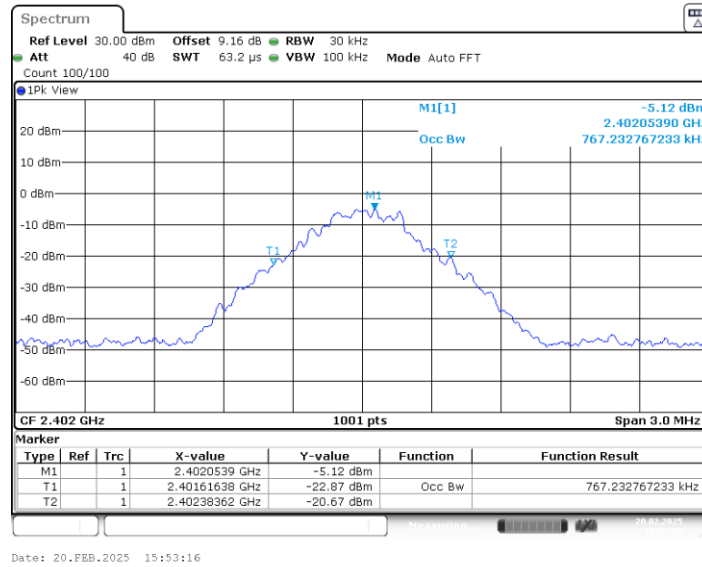
Appendix B: Occupied Channel Bandwidth

Test Result

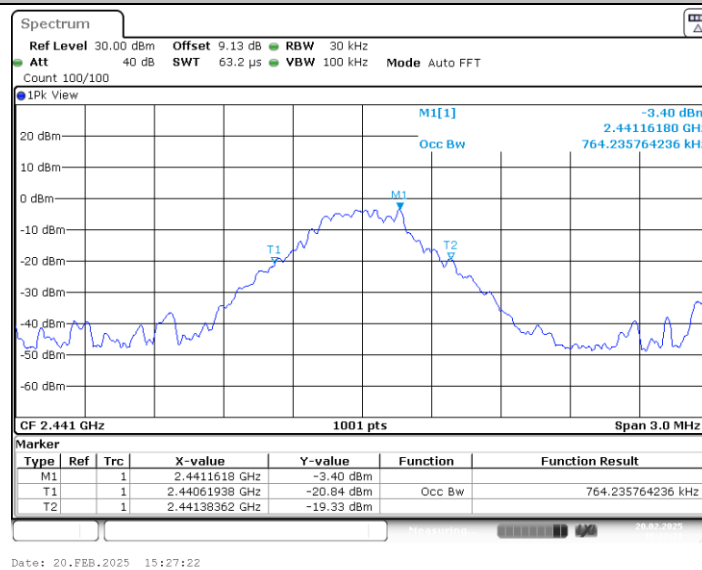
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.767	2401.6164	2402.3836	---	---
		2441	0.764	2440.6194	2441.3836	---	---
		2480	0.764	2479.6194	2480.3836	---	---
2DH5	Ant1	2402	1.148	2401.4216	2402.5694	---	---
		2441	1.154	2440.4186	2441.5724	---	---
		2480	1.151	2479.4186	2480.5694	---	---
3DH5	Ant1	2402	1.148	2401.4276	2402.5754	---	---
		2441	1.148	2440.4246	2441.5724	---	---
		2480	1.157	2479.4216	2480.5784	---	---

Test Graphs

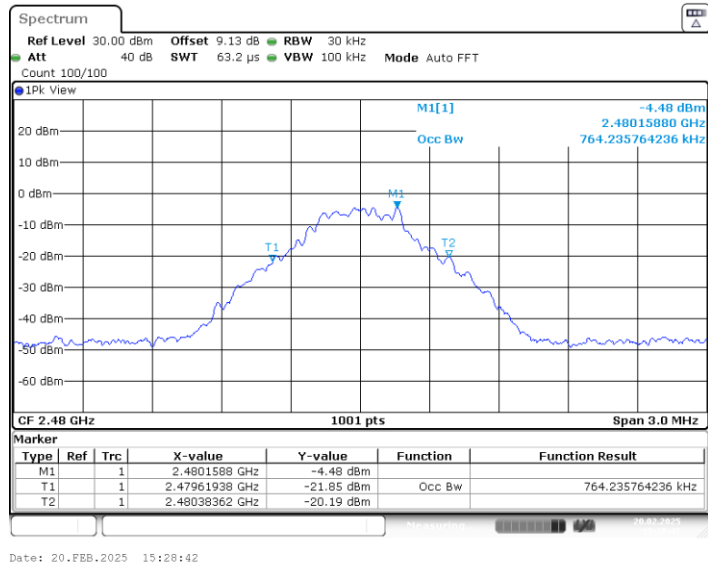
DH5_Ant1_2402



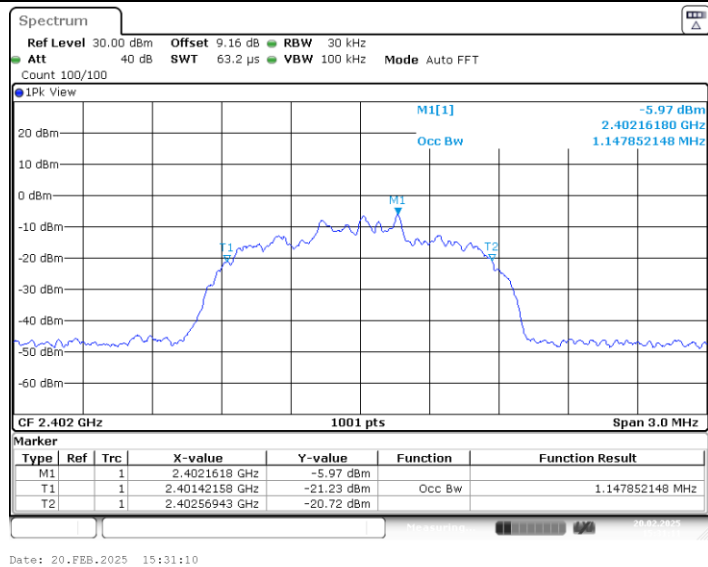
DH5_Ant1_2441



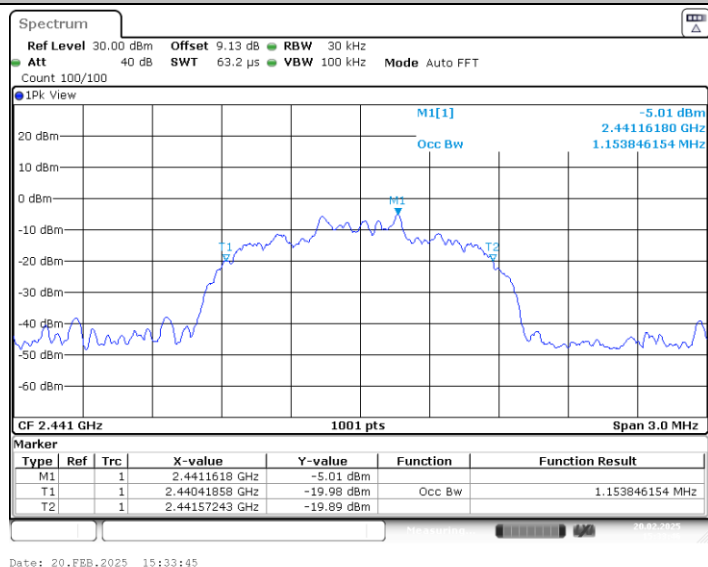
DH5_Ant1_2480



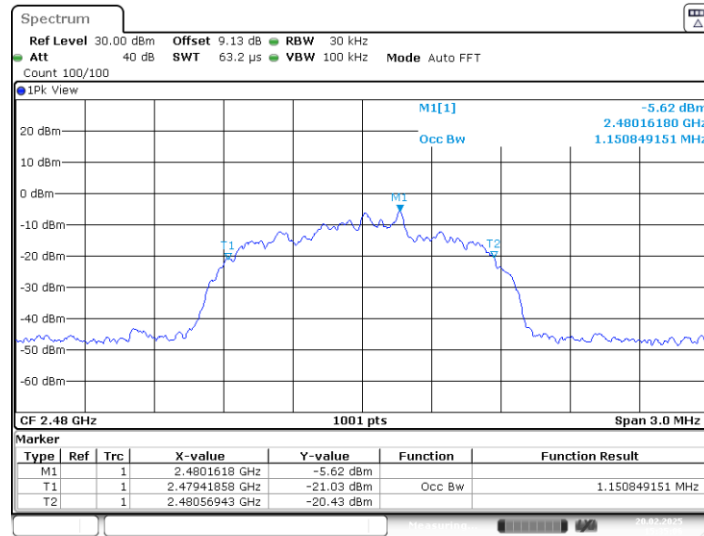
2DH5_Ant1_2402



2DH5_Ant1_2441

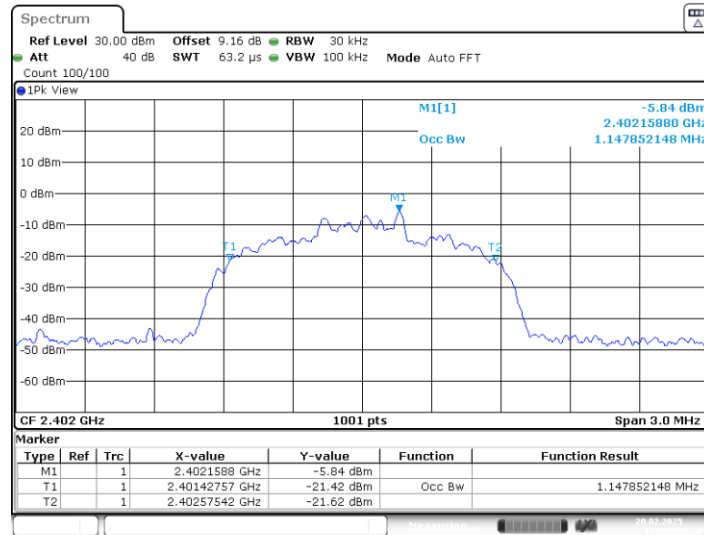


2DH5_Ant1_2480



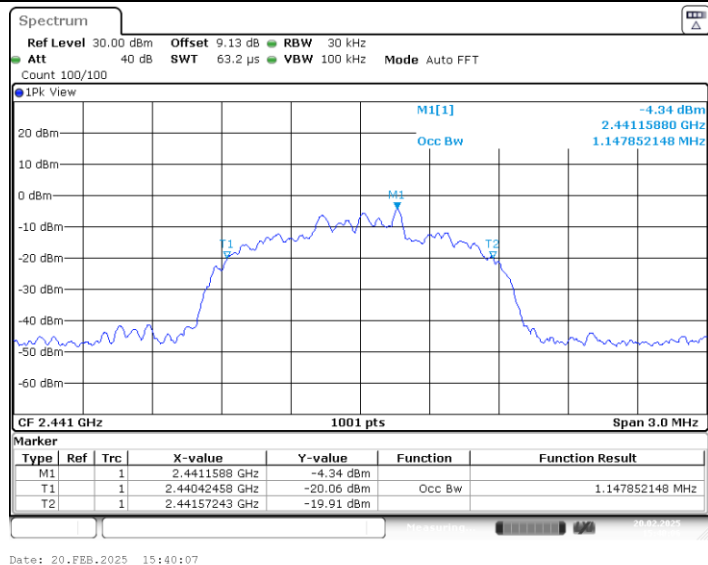
Date: 20.FEB.2025 15:35:06

3DH5_Ant1_2402

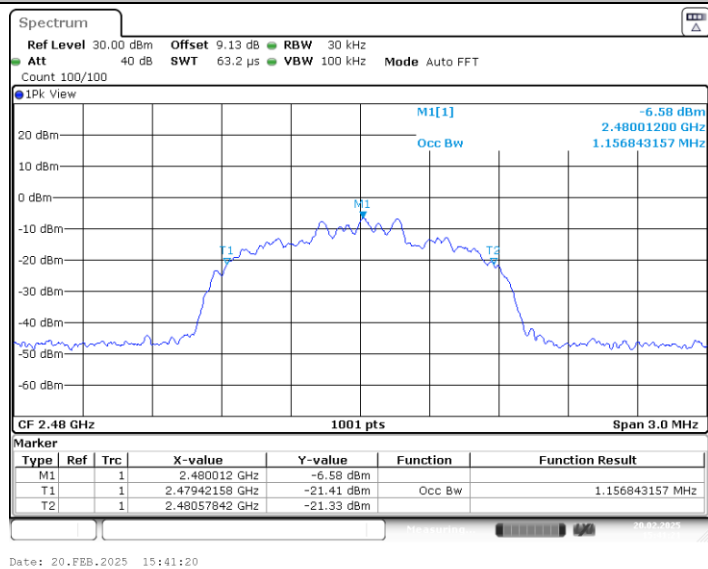


Date: 20.FEB.2025 15:37:36

3DH5_Ant1_2441



3DH5_Ant1_2480



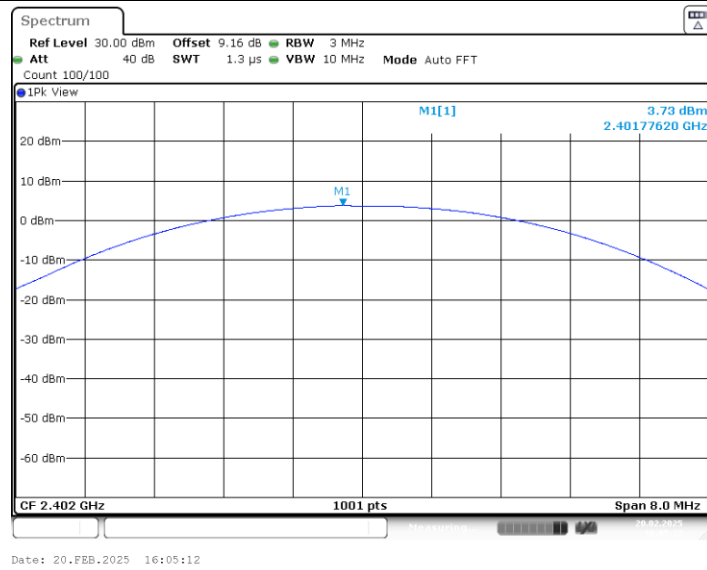
Appendix C: Maximum conducted output power

Test Result Peak

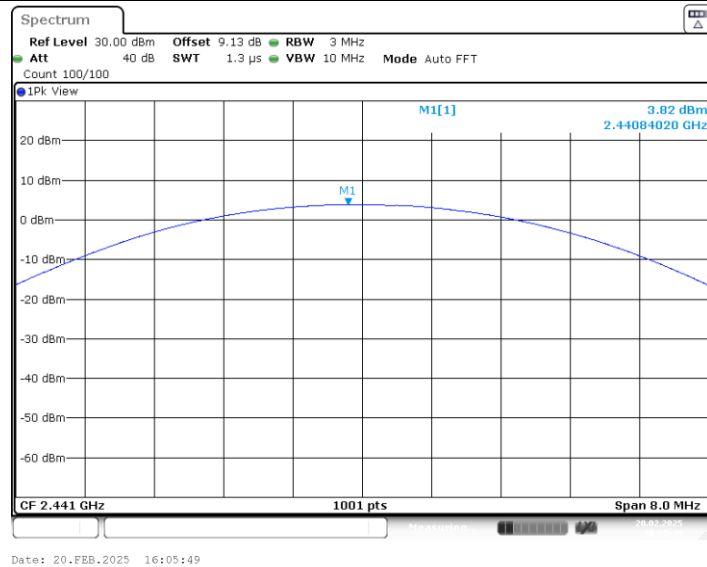
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.73	≤30	PASS
		2441	3.82	≤30	PASS
		2480	4.78	≤30	PASS
2DH5	Ant1	2402	3.61	≤30	PASS
		2441	2.90	≤30	PASS
		2480	3.91	≤30	PASS
3DH5	Ant1	2402	3.68	≤20.97	PASS
		2441	2.73	≤20.97	PASS
		2480	3.90	≤20.97	PASS

Test Graphs

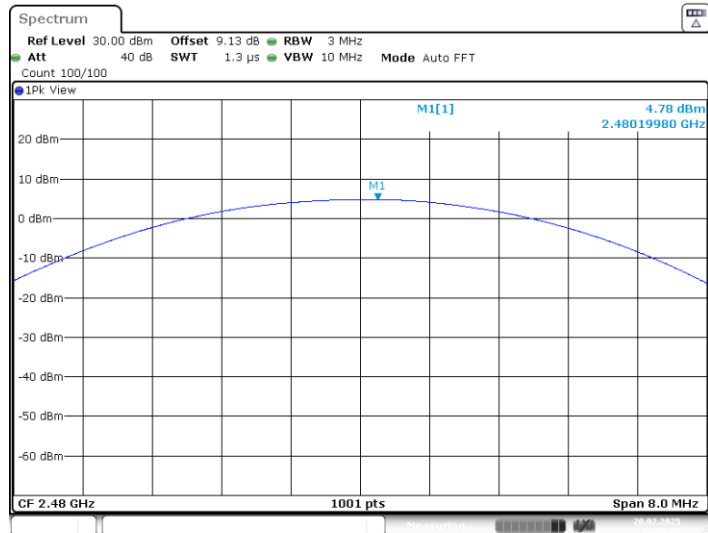
DH5_Ant1_2402



DH5_Ant1_2441

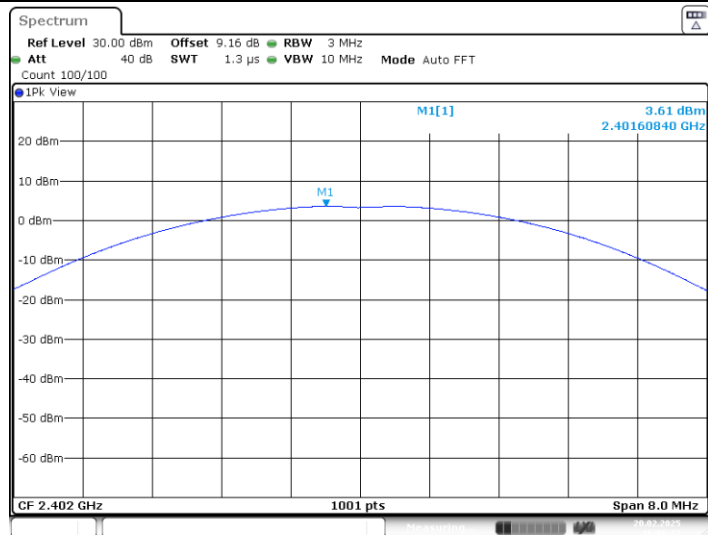


DH5_Ant1_2480



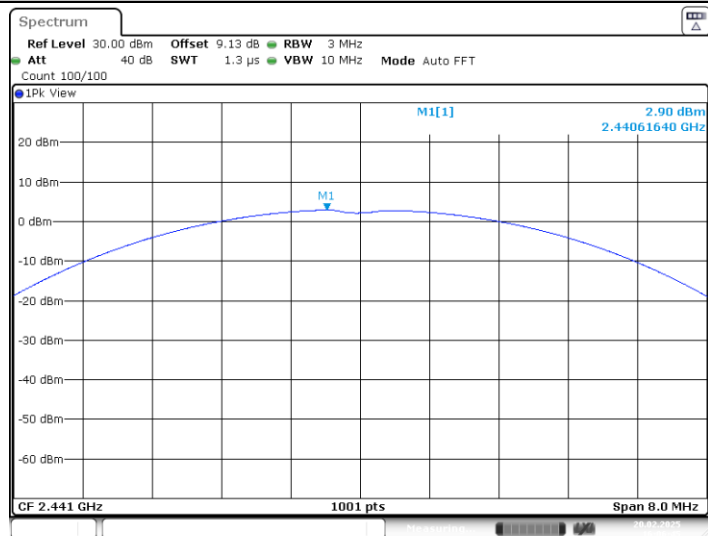
Date: 20.FEB.2025 16:06:02

2DH5_Ant1_2402



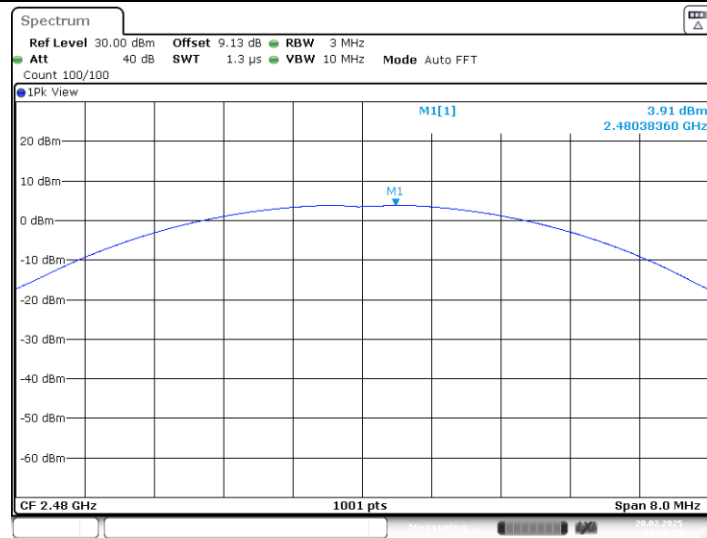
Date: 20.FEB.2025 16:06:23

2DH5_Ant1_2441



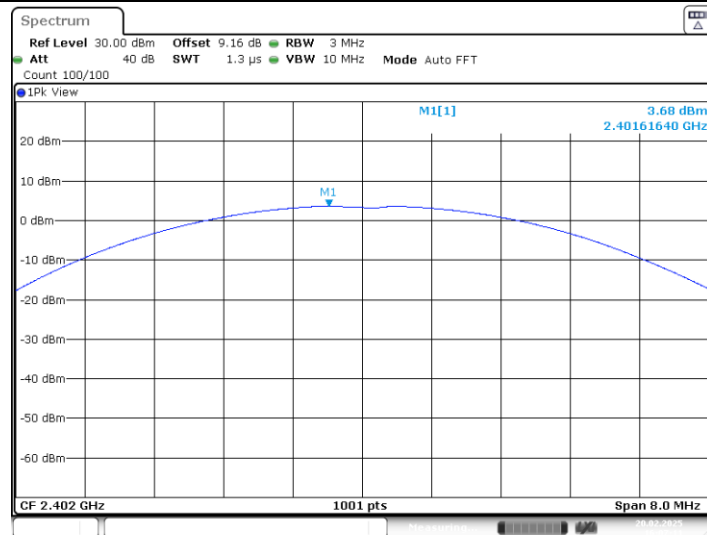
Date: 20.FEB.2025 16:06:45

2DH5_Ant1_2480



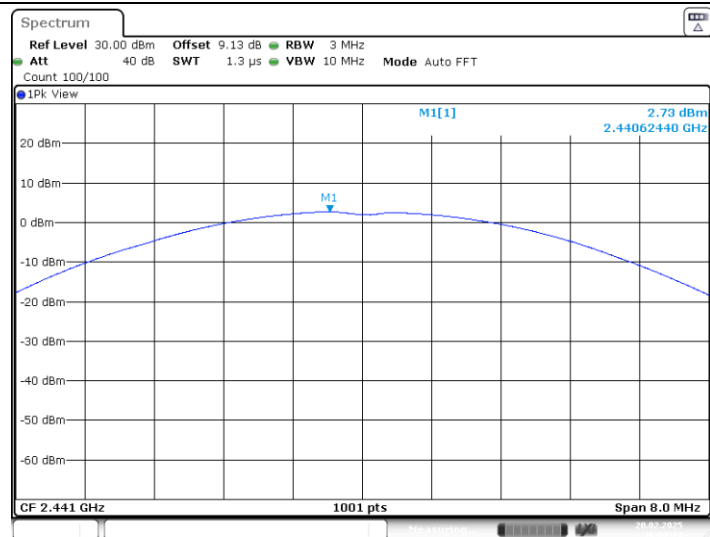
Date: 20.FEB.2025 16:06:55

3DH5_Ant1_2402



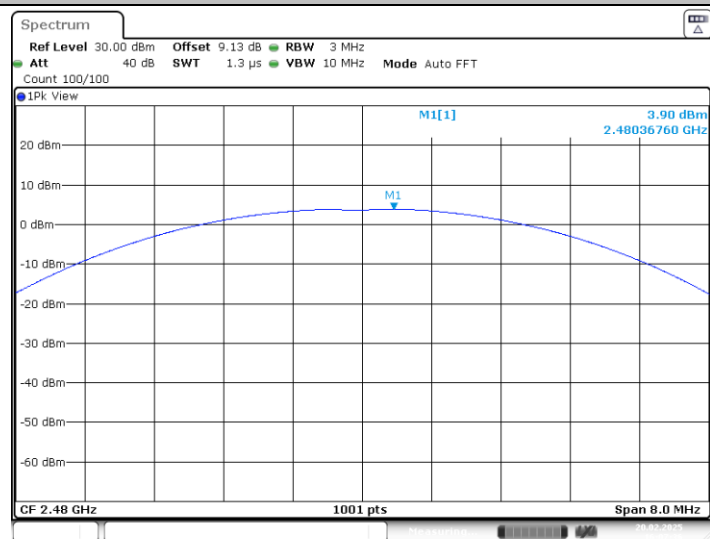
Date: 20.FEB.2025 16:07:12

3DH5_Ant1_2441



Date: 20.FEB.2025 16:07:24

3DH5_Ant1_2480



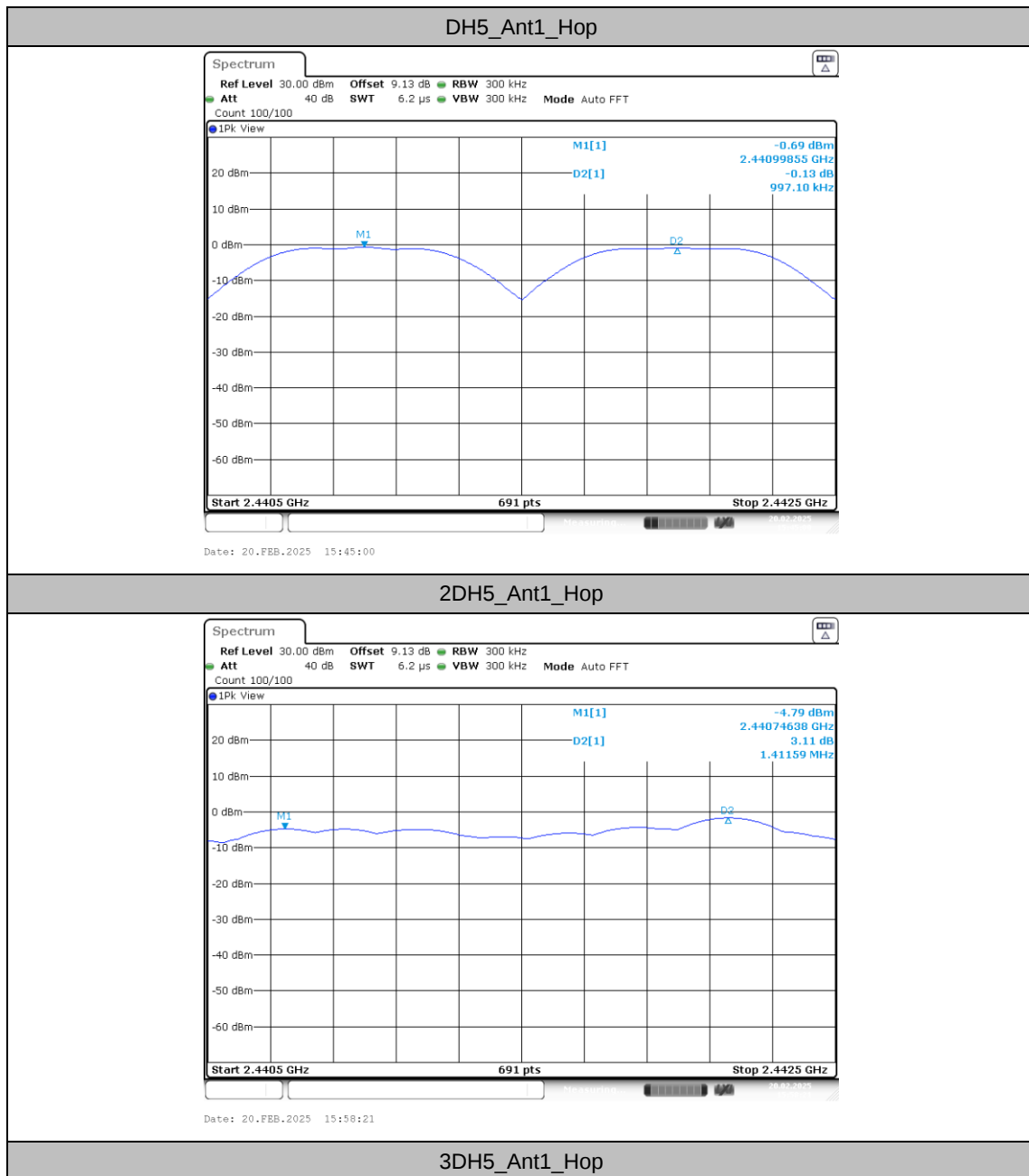
Date: 20.FEB.2025 16:07:36

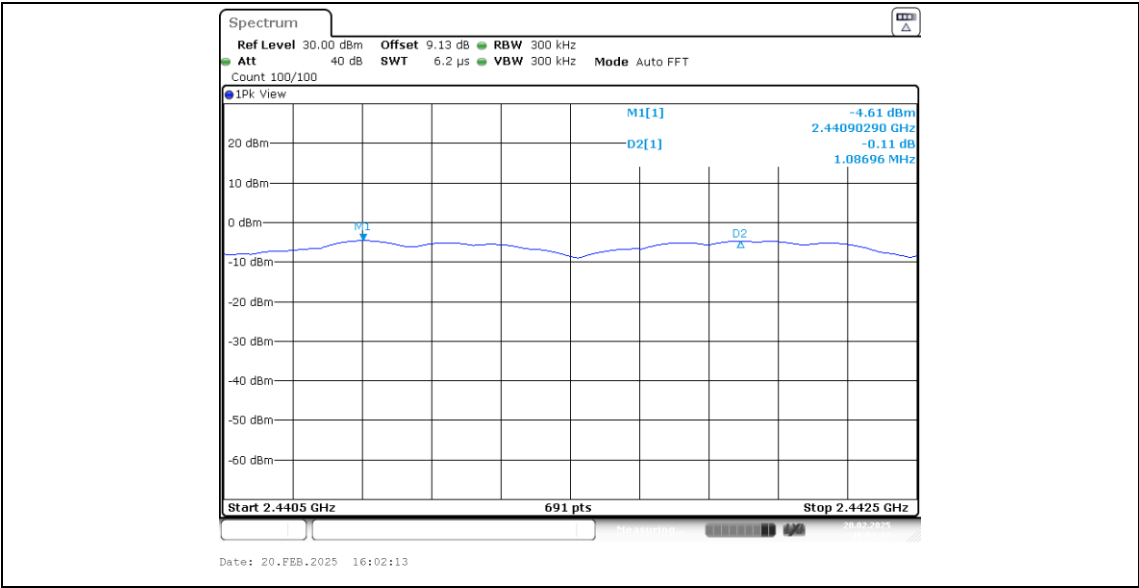
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.997	≥ 0.870	PASS
2DH5	Ant1	Hop	1.412	≥ 1.270	PASS
3DH5	Ant1	Hop	1.087	≥ 0.847	PASS

Test Graphs





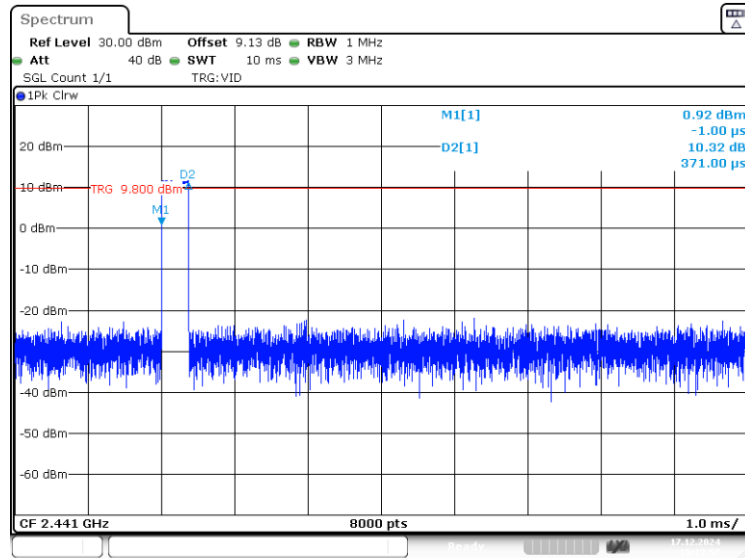
Appendix E: Time of occupancy

Test Result

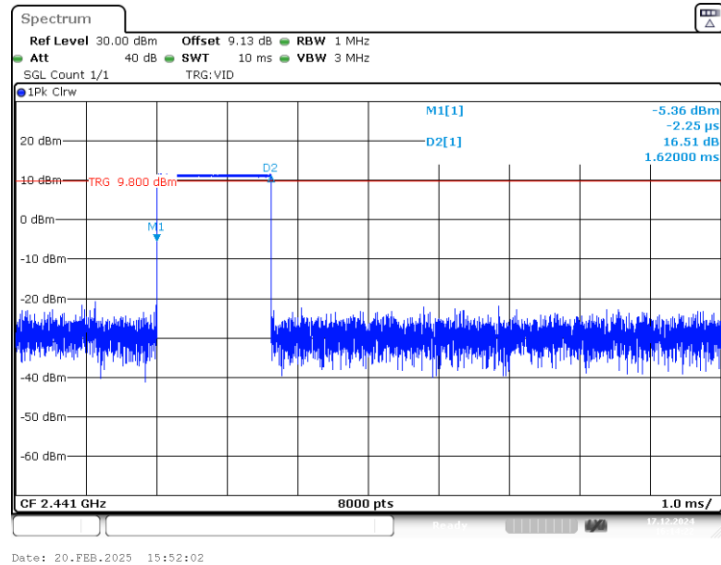
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.371	320	0.119	≤0.4	PASS
DH3	Ant1	Hop	1.620	160	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.860	106.67	0.305	≤0.4	PASS
2DH1	Ant1	Hop	0.380	320	0.122	≤0.4	PASS
2DH3	Ant1	Hop	1.624	160	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.864	106.67	0.306	≤0.4	PASS
3DH1	Ant1	Hop	0.379	320	0.121	≤0.4	PASS
3DH3	Ant1	Hop	1.623	160	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.867	106.67	0.306	≤0.4	PASS

Test Graphs

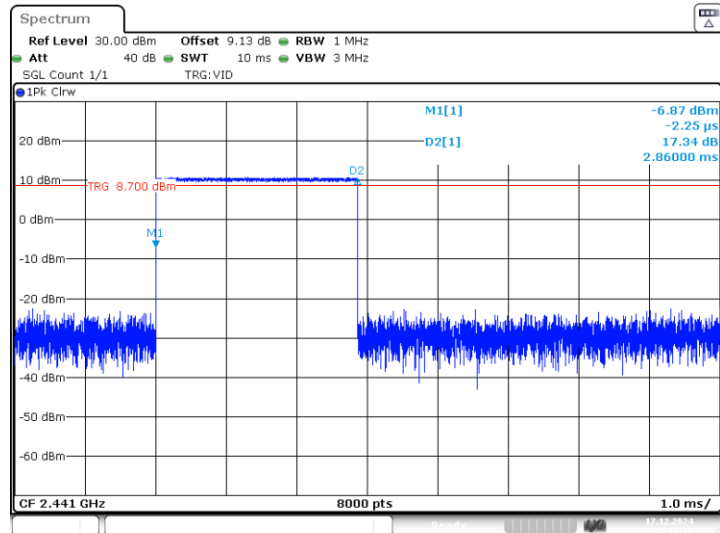
DH1_Ant1_Hop



DH3_Ant1_Hop

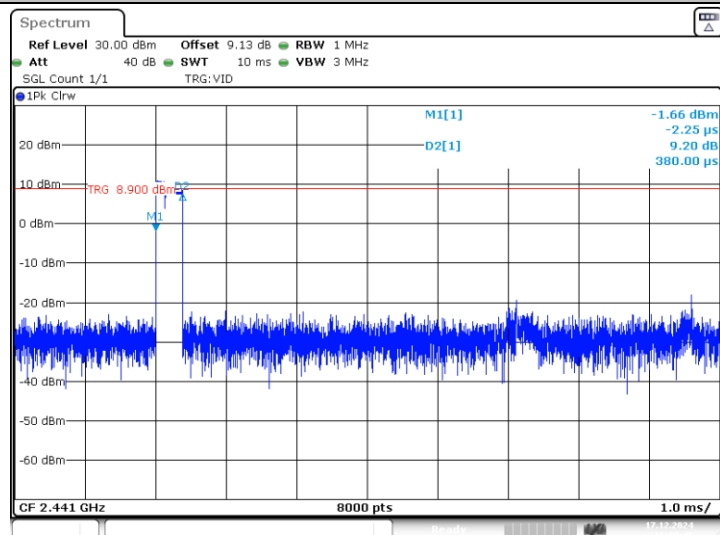


DH5_Ant1_Hop



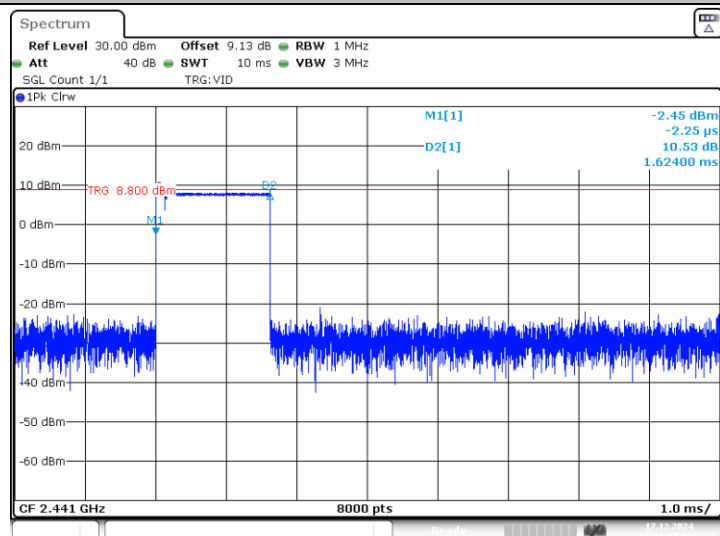
Date: 20.FEB.2025 15:45:36

2DH1_Ant1_Hop

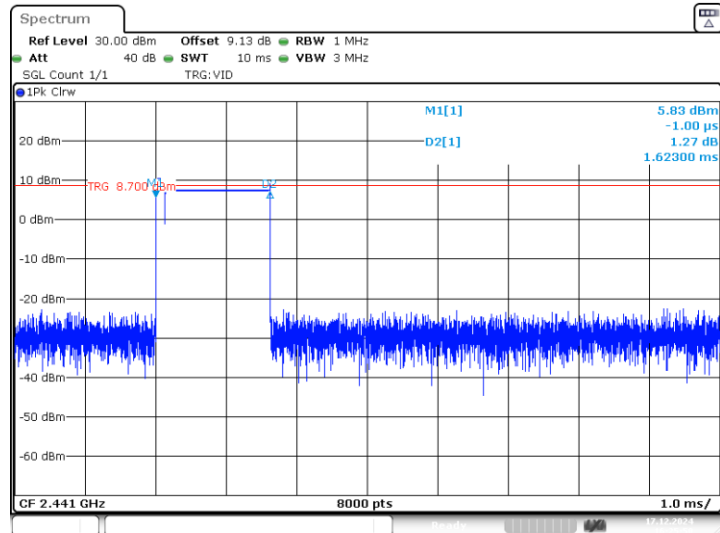


Date: 20.FEB.2025 15:59:26

2DH3_Ant1_Hop

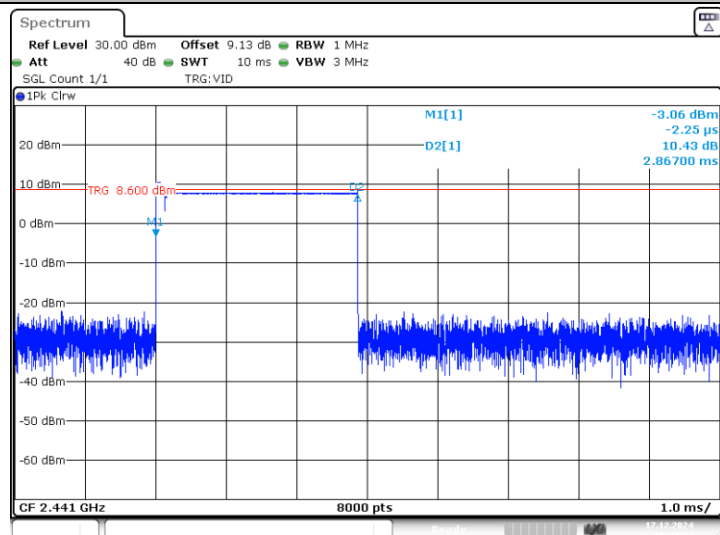


Date: 20.FEB.2025 15:59:49



Date: 20.FEB.2025 16:03:33

3DH5_Ant1_Hop



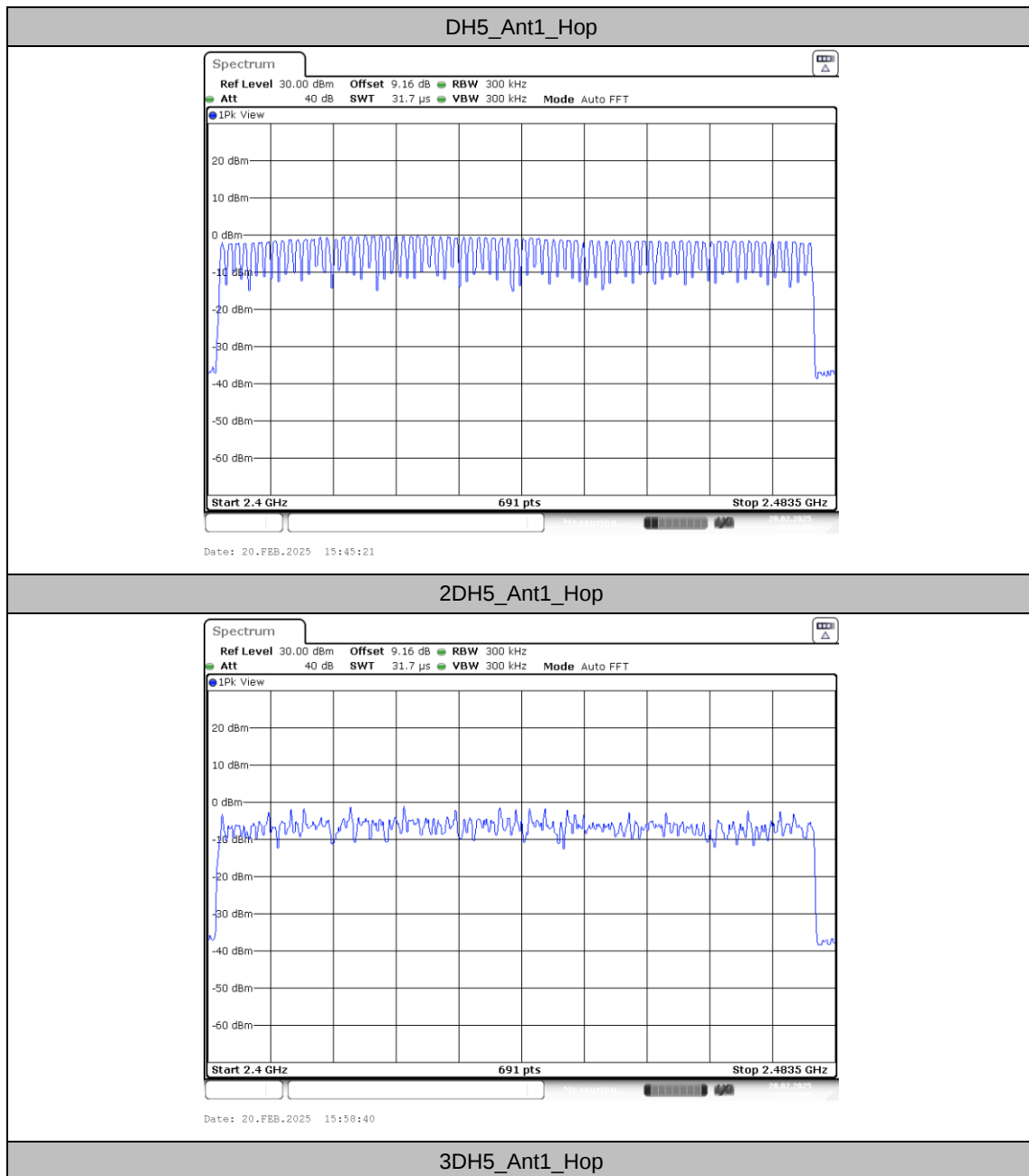
Date: 20.FEB.2025 16:02:43

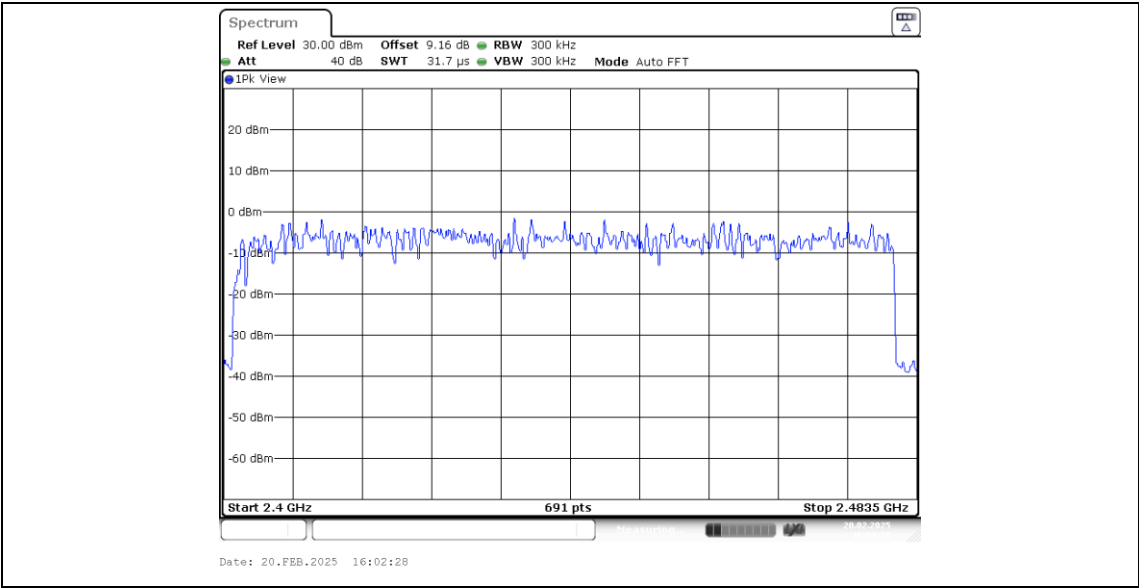
Appendix F: Number of hopping channels

Test Result

TestMode	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





Appendix G: Reference level measurement

Test Result

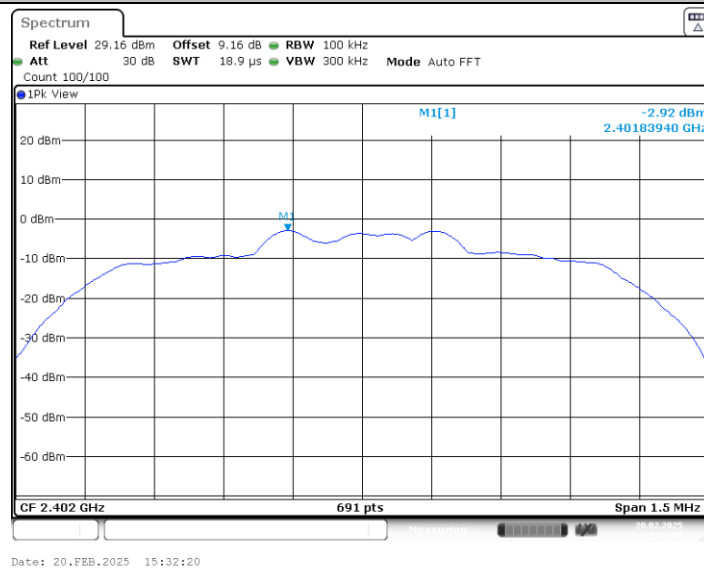
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2402.16	-2.29
		2441	2441.16	-0.94
		2480	2480.16	-2.01
2DH5	Ant1	2402	2401.84	-2.92
		2441	2441.16	-1.70
		2480	2479.84	-2.60
3DH5	Ant1	2402	2402.16	-2.96
		2441	2441.16	-1.66
		2480	2480.16	-2.67

Test Graphs

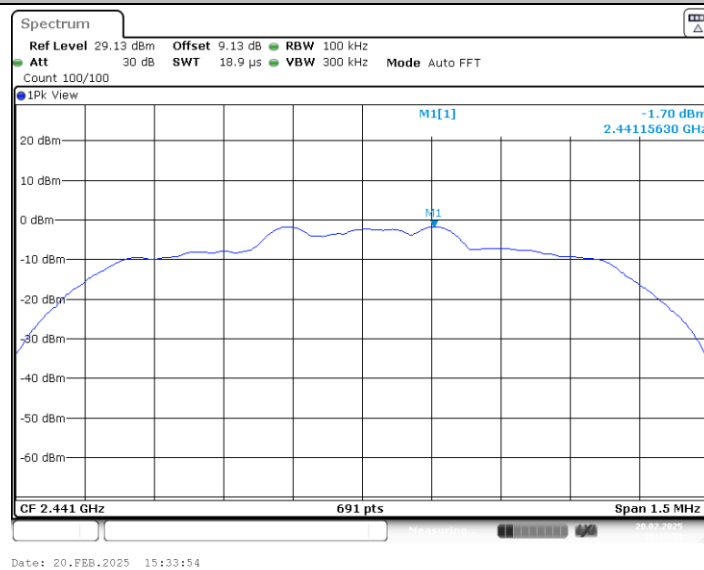




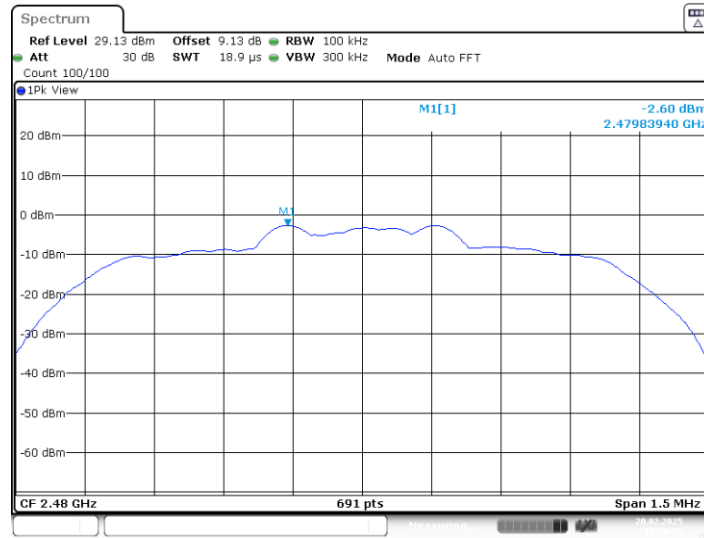
2DH5_Ant1_2402



2DH5_Ant1_2441

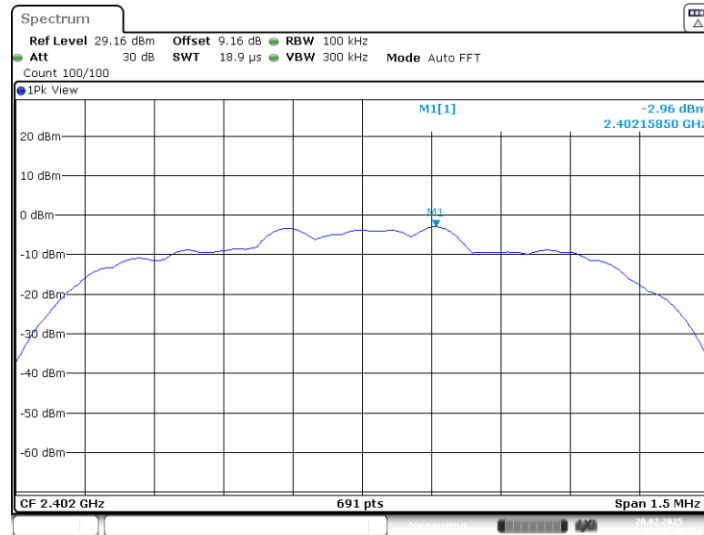


2DH5_Ant1_2480



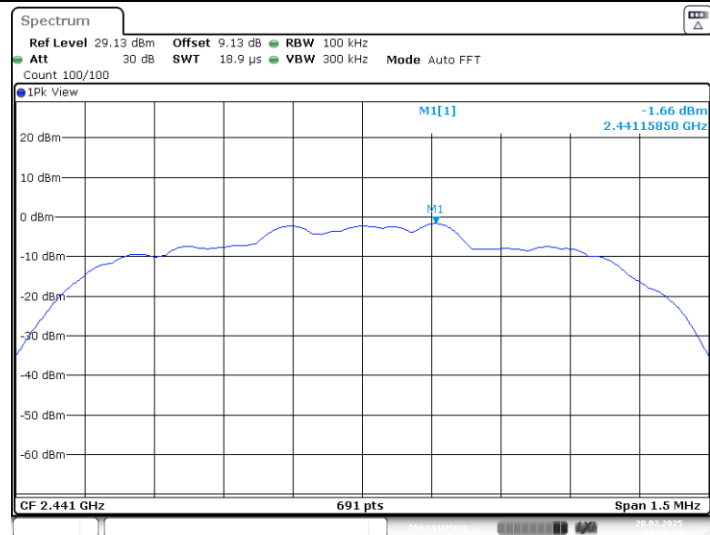
Date: 20.FEB.2025 15:36:17

3DH5_Ant1_2402



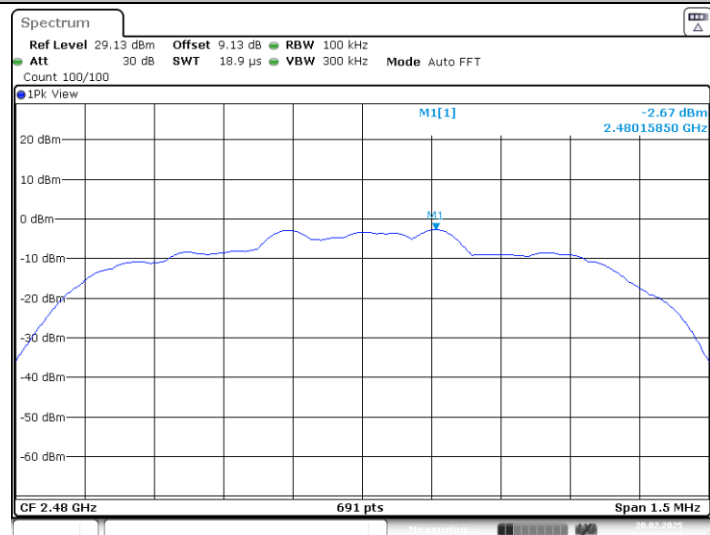
Date: 20.FEB.2025 15:38:47

3DH5_Ant1_2441



Date: 20.FEB.2025 15:40:15

3DH5_Ant1_2480



Date: 20.FEB.2025 15:42:31

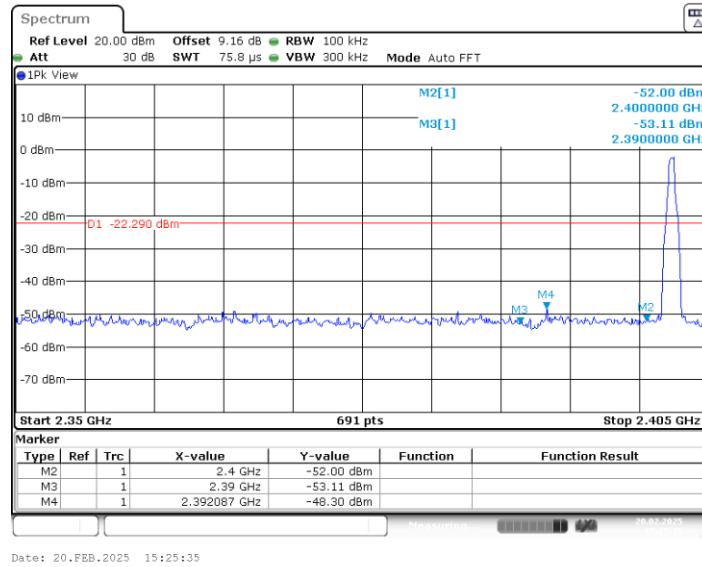
Appendix H: Band edge measurements

Test Result

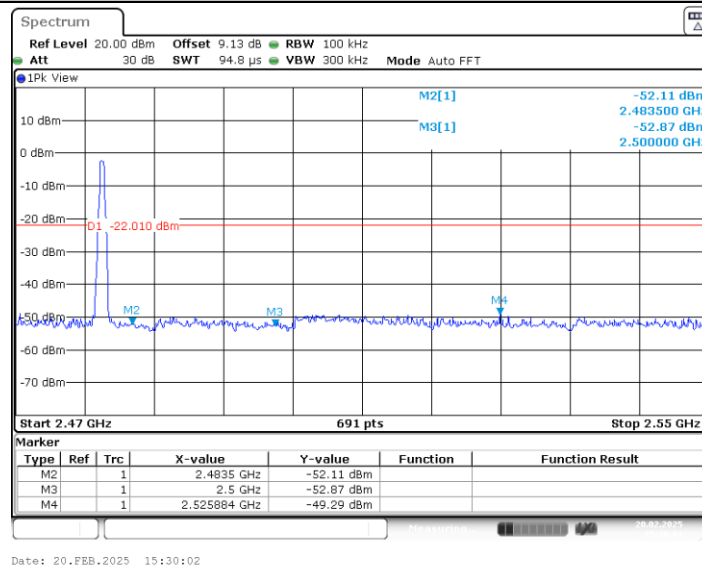
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.29	-48.3	≤ -22.29	PASS
		High	2480	-2.01	-49.29	≤ -22.01	PASS
		Low	Hop_2402	-2.82	-49.28	≤ -22.82	PASS
		High	Hop_2480	-2.14	-48.72	≤ -22.14	PASS
2DH5	Ant1	Low	2402	-2.92	-49.55	≤ -22.92	PASS
		High	2480	-2.60	-48.15	≤ -22.6	PASS
		Low	Hop_2402	-5.40	-49.8	≤ -25.4	PASS
		High	Hop_2480	-3.97	-47.47	≤ -23.97	PASS
3DH5	Ant1	Low	2402	-2.96	-49.27	≤ -22.96	PASS
		High	2480	-2.67	-48.66	≤ -22.67	PASS
		Low	Hop_2402	-9.42	-48.68	≤ -29.42	PASS
		High	Hop_2480	-3.19	-48.25	≤ -23.19	PASS

Test Graphs

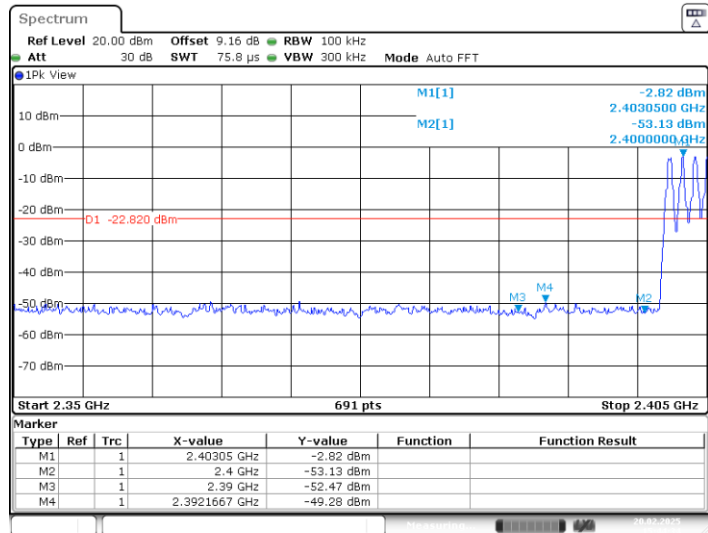
DH5_Ant1_Low_2402



DH5_Ant1_High_2480

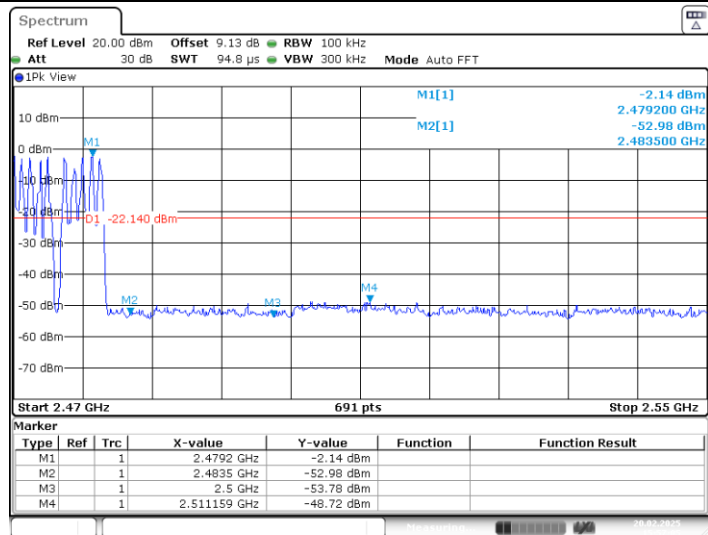


DH5_Ant1_Low_Hop_2402



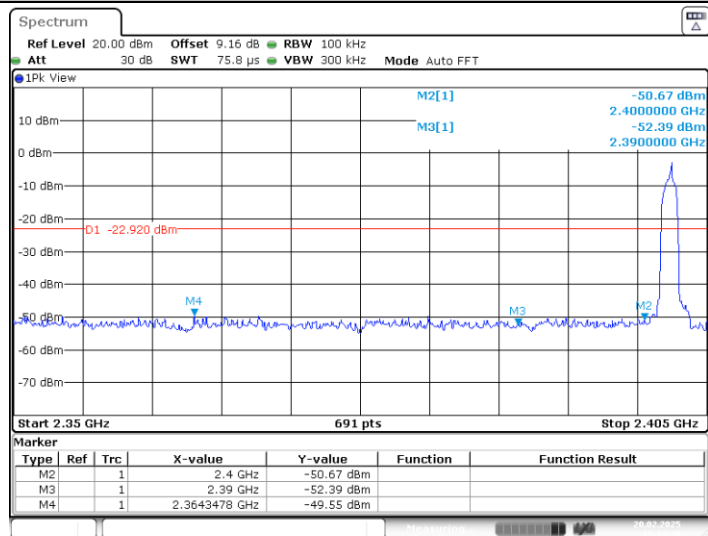
Date: 20.FEB.2025 15:44:34

DH5_Ant1_High_Hop_2480



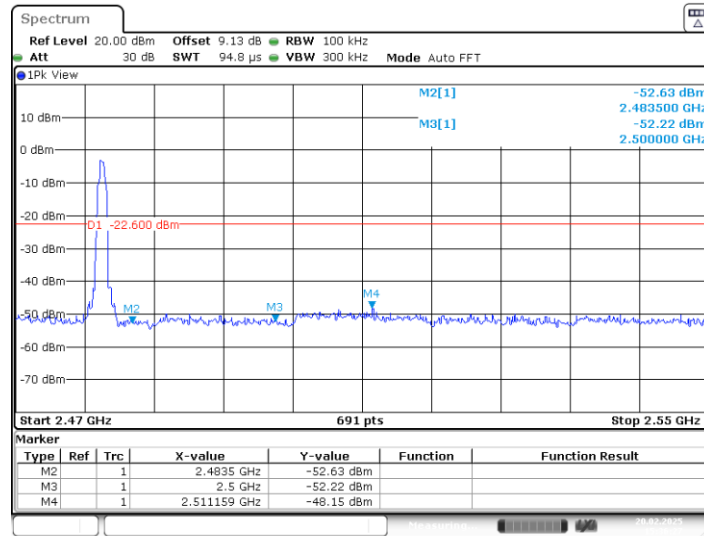
Date: 20.FEB.2025 15:57:05

2DH5_Ant1_Low_2402



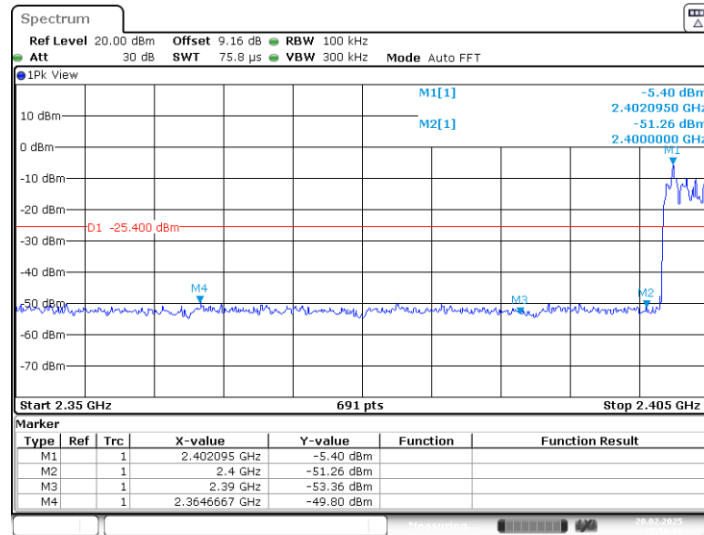
Date: 20.FEB.2025 15:32:30

2DH5_Ant1_High_2480



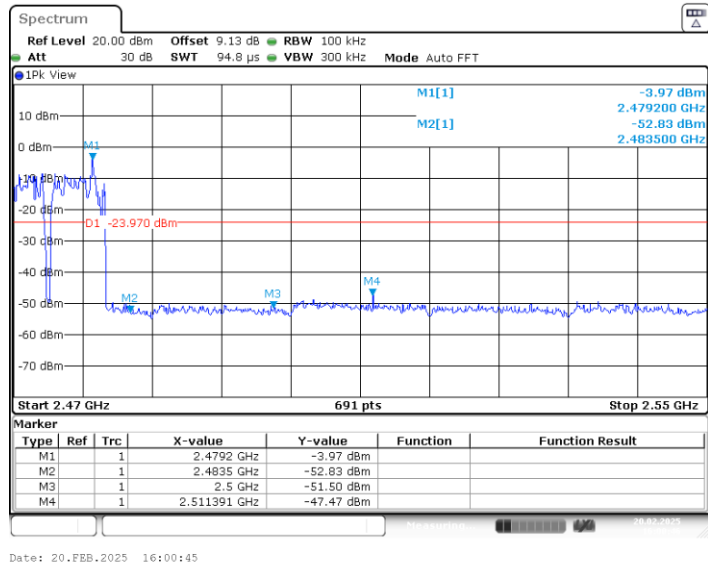
Date: 20.FEB.2025 15:36:26

2DH5_Ant1_Low_Hop_2402

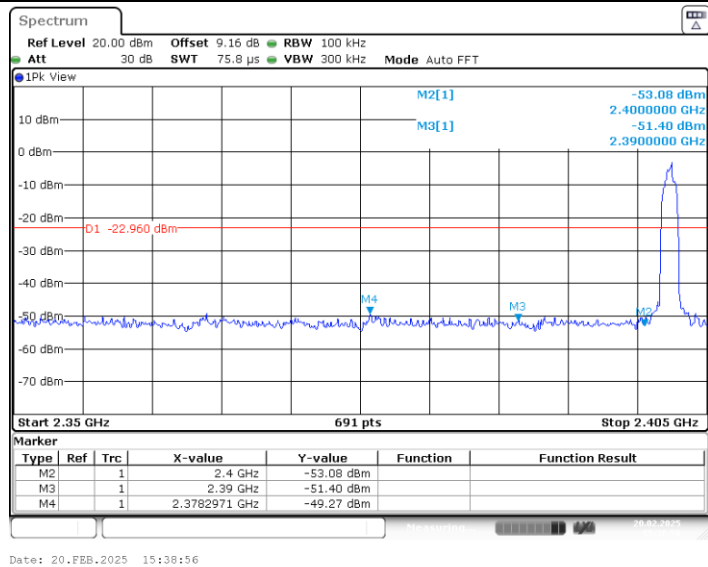


Date: 20.FEB.2025 15:58:08

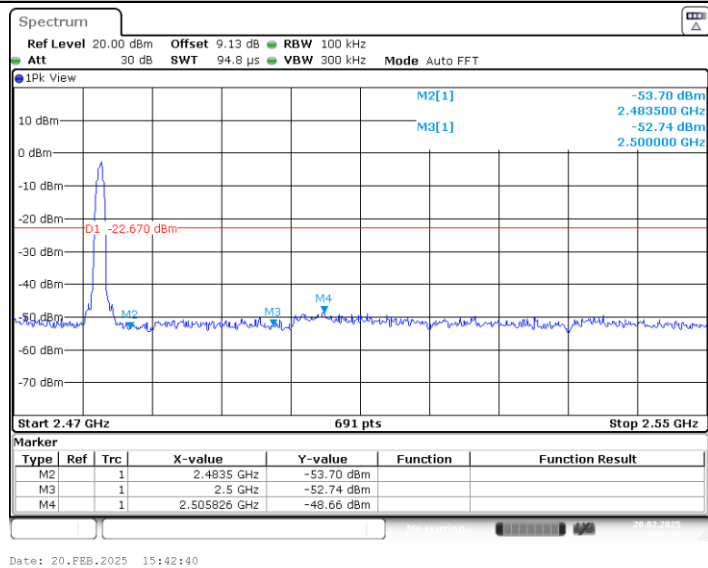
2DH5_Ant1_High_Hop_2480



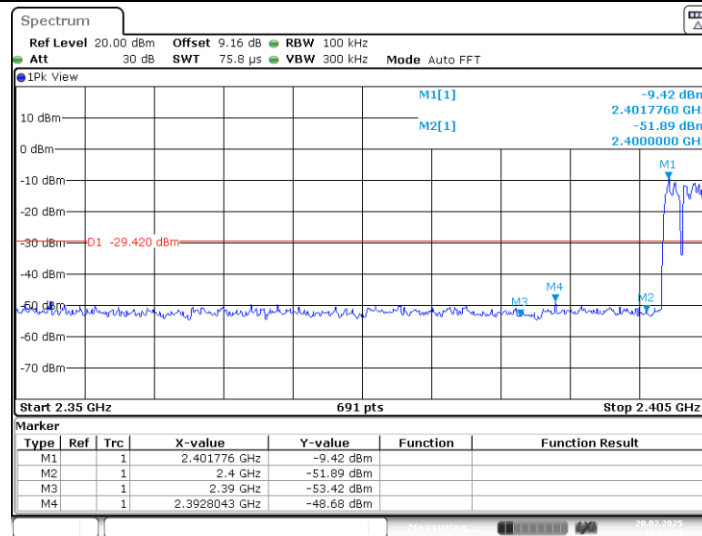
3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480

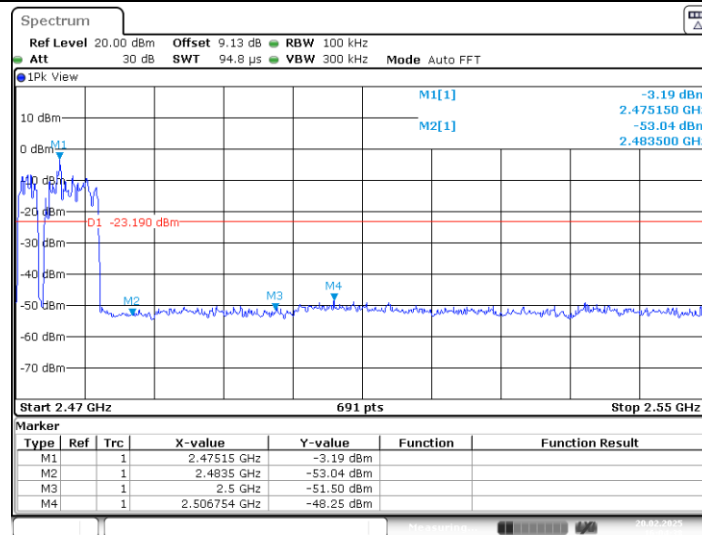


3DH5_Ant1_Low_Hop_2402



Date: 20.FEB.2025 16:01:53

3DH5_Ant1_High_Hop_2480



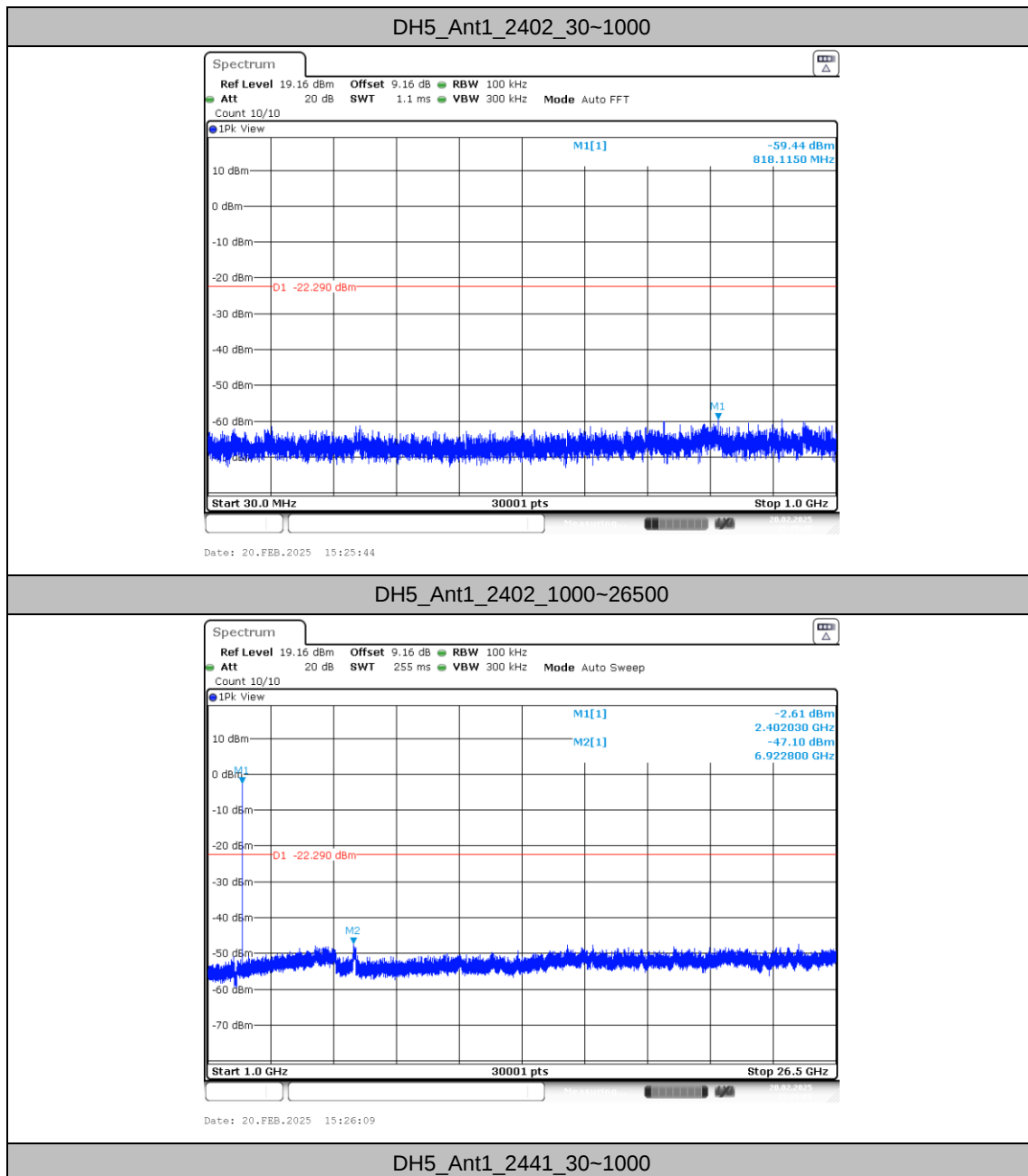
Date: 20.FEB.2025 16:04:38

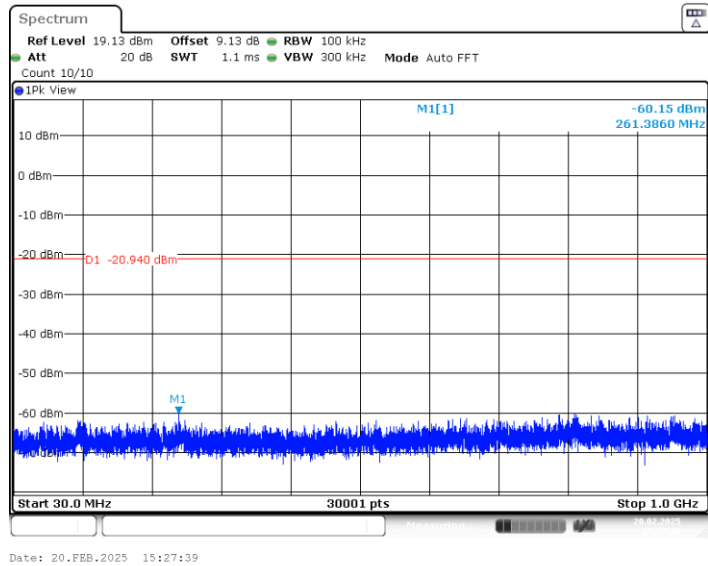
Appendix I: Conducted Spurious Emission

Test Result

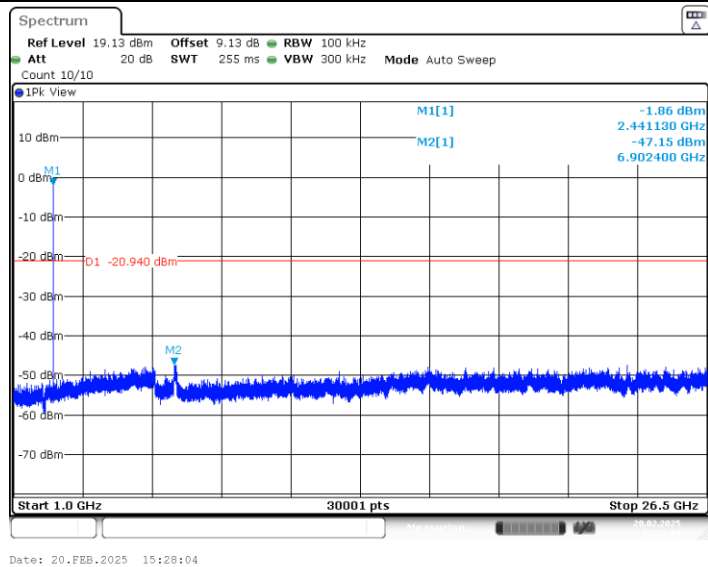
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~1000	-2.29	-59.44	≤-22.29	PASS
			1000~26500	-2.29	-47.1	≤-22.29	PASS
		2441	30~1000	-0.94	-60.15	≤-20.94	PASS
			1000~26500	-0.94	-47.15	≤-20.94	PASS
		2480	30~1000	-2.01	-58.28	≤-22.01	PASS
			1000~26500	-2.01	-46.69	≤-22.01	PASS
2DH5	Ant1	2402	30~1000	-2.92	-60.56	≤-22.92	PASS
			1000~26500	-2.92	-47.06	≤-22.92	PASS
		2441	30~1000	-1.70	-60.24	≤-21.7	PASS
			1000~26500	-1.70	-47.42	≤-21.7	PASS
		2480	30~1000	-2.60	-59.1	≤-22.6	PASS
			1000~26500	-2.60	-47.38	≤-22.6	PASS
3DH5	Ant1	2402	30~1000	-2.96	-59.57	≤-22.96	PASS
			1000~26500	-2.96	-40.86	≤-22.96	PASS
		2441	30~1000	-1.66	-60.01	≤-21.66	PASS
			1000~26500	-1.66	-41.94	≤-21.66	PASS
		2480	30~1000	-2.67	-59.67	≤-22.67	PASS
			1000~26500	-2.67	-41.56	≤-22.67	PASS

Test Graphs

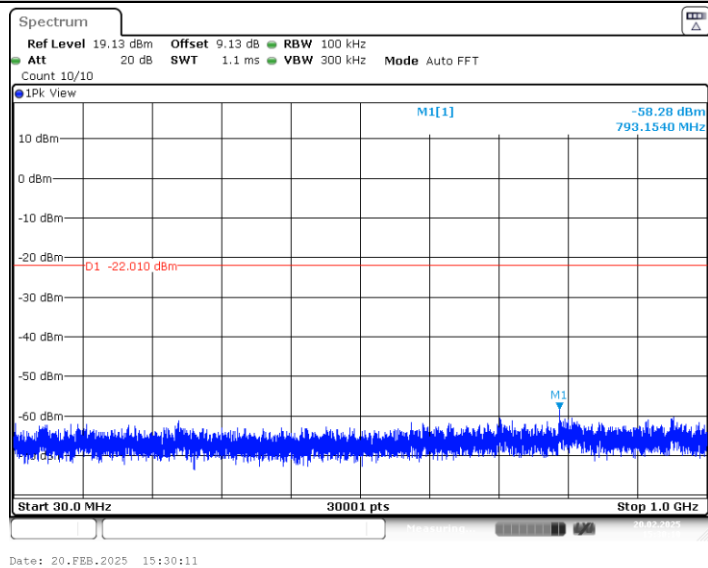




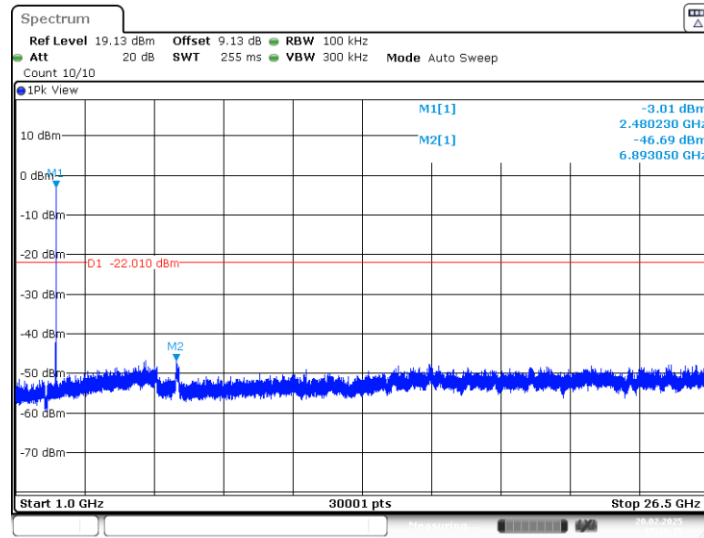
DH5_Ant1_2441_1000~26500



DH5_Ant1_2480_30~1000

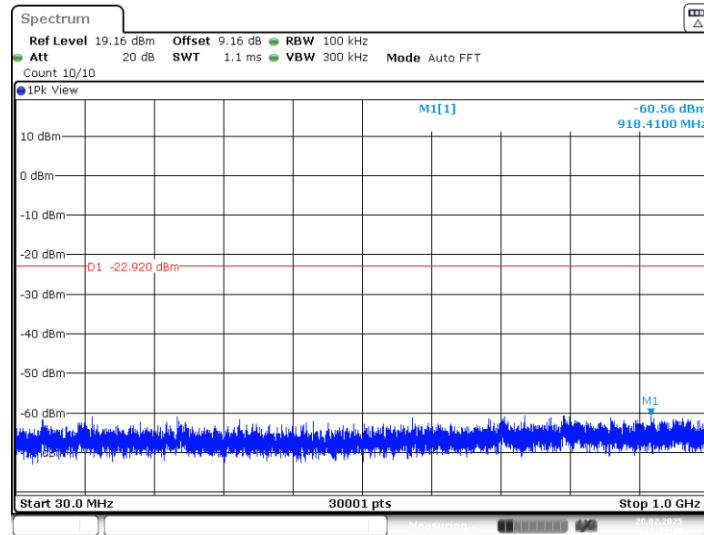


DH5_Ant1_2480_1000~26500



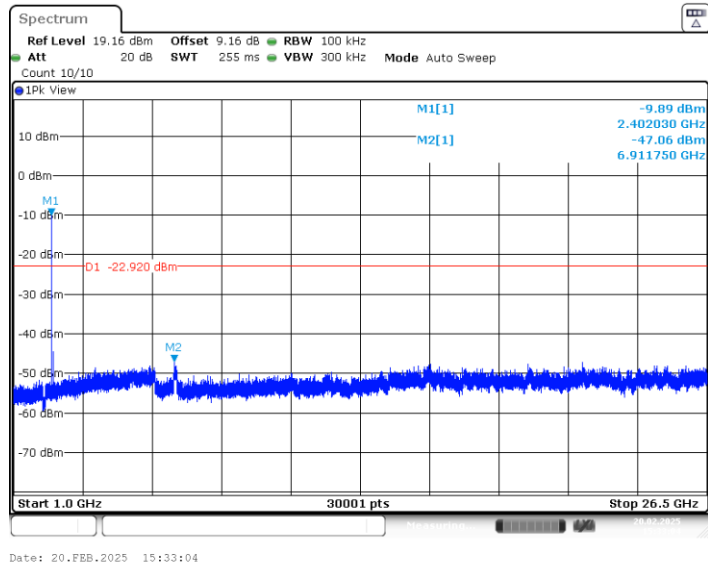
Date: 20.FEB.2025 15:30:35

2DH5_Ant1_2402_30~1000

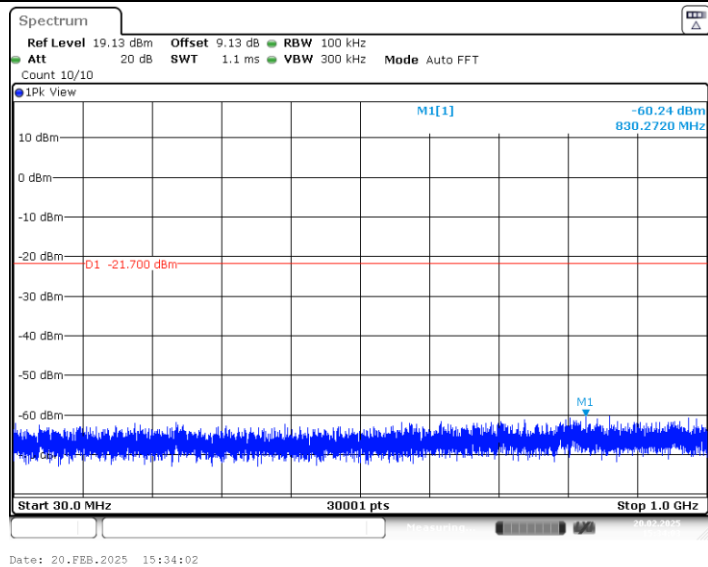


Date: 20.FEB.2025 15:32:39

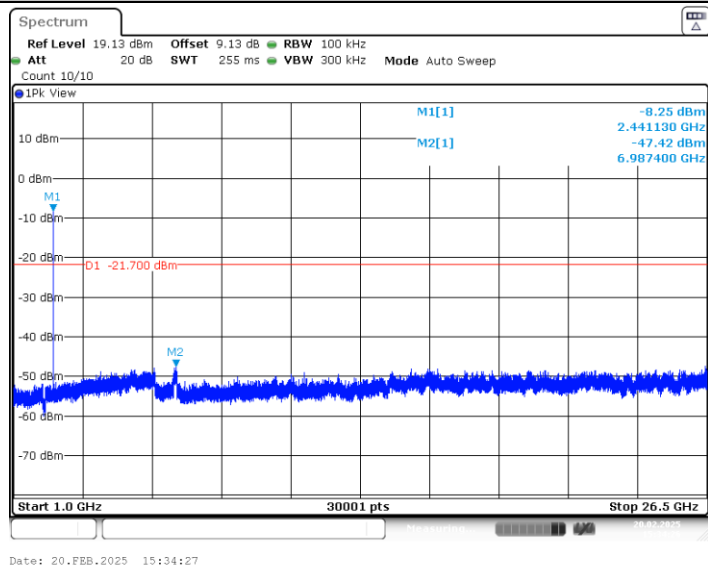
2DH5_Ant1_2402_1000~26500



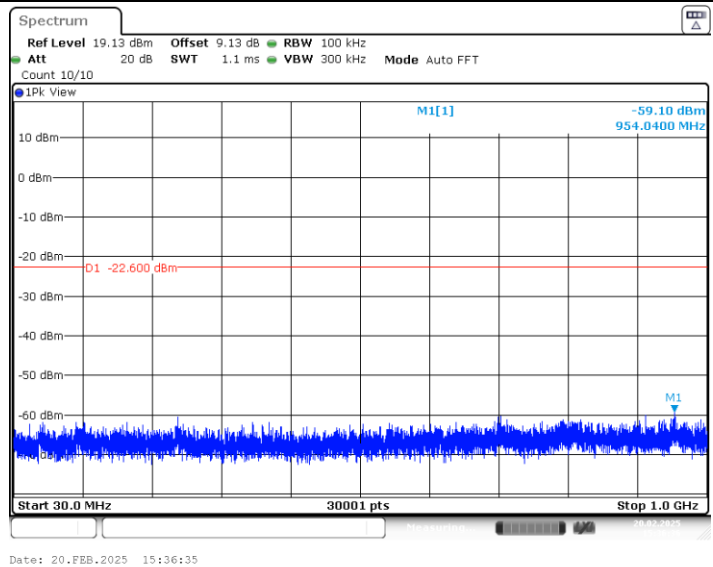
2DH5_Ant1_2441_30~1000



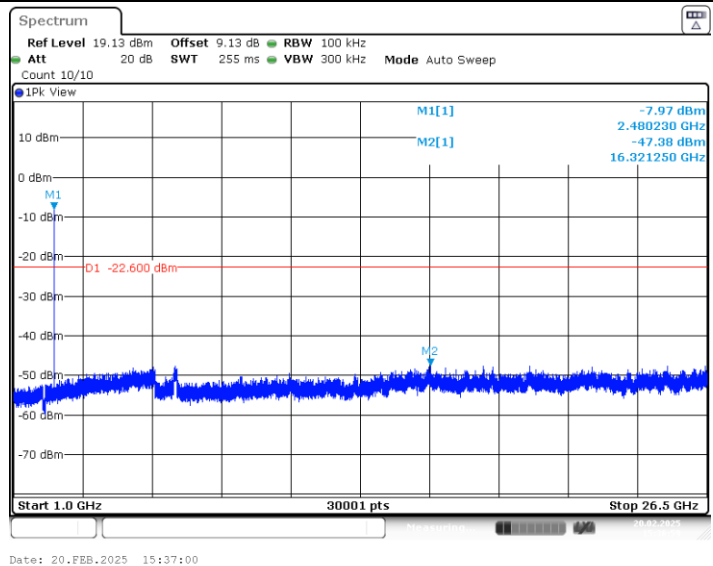
2DH5_Ant1_2441_1000~26500



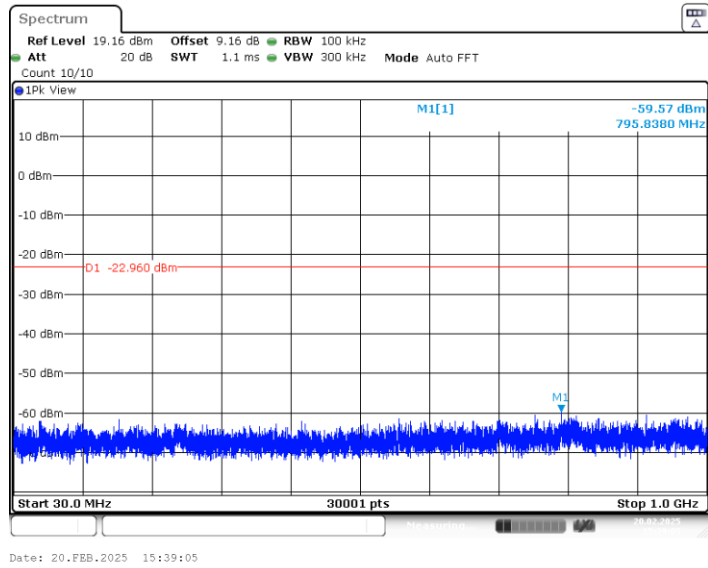
2DH5_Ant1_2480_30~1000



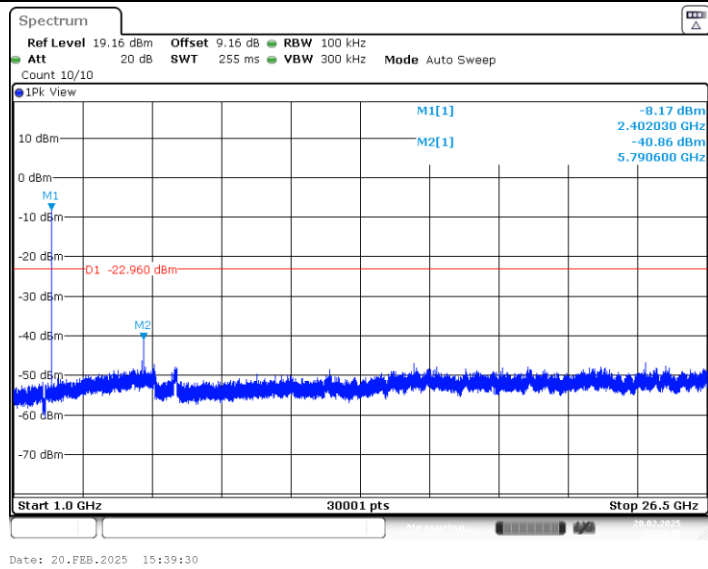
2DH5_Ant1_2480_1000~26500



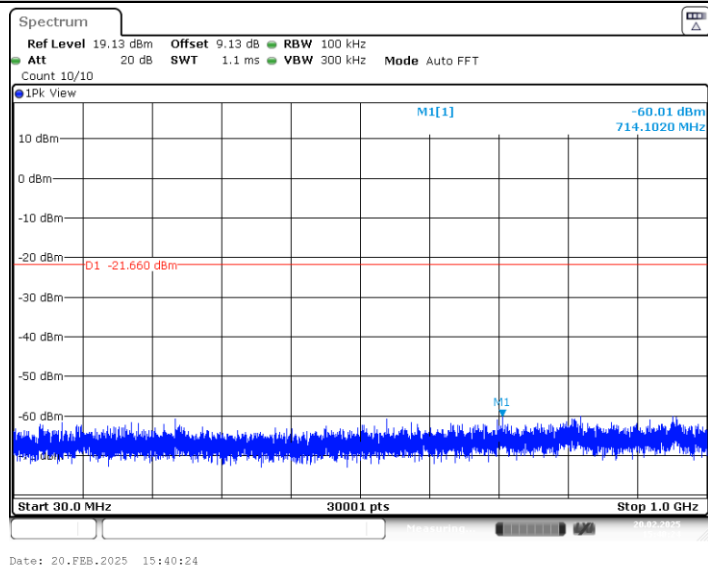
3DH5_Ant1_2402_30~1000



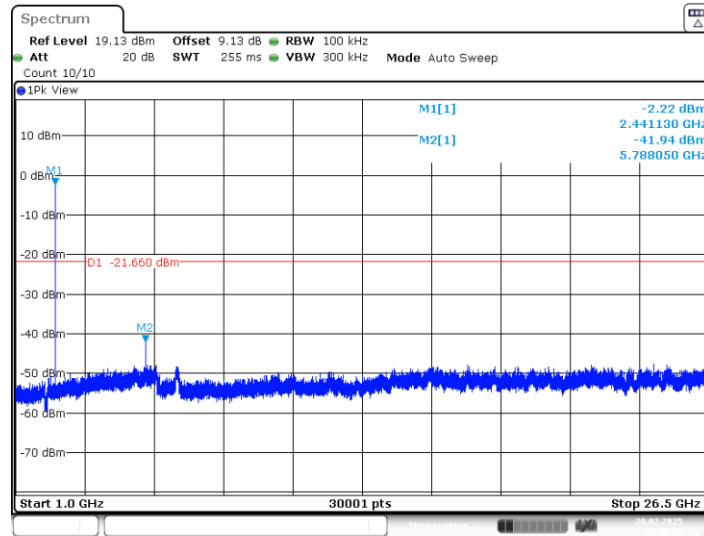
3DH5_Ant1_2402_1000~26500



3DH5_Ant1_2441_30~1000

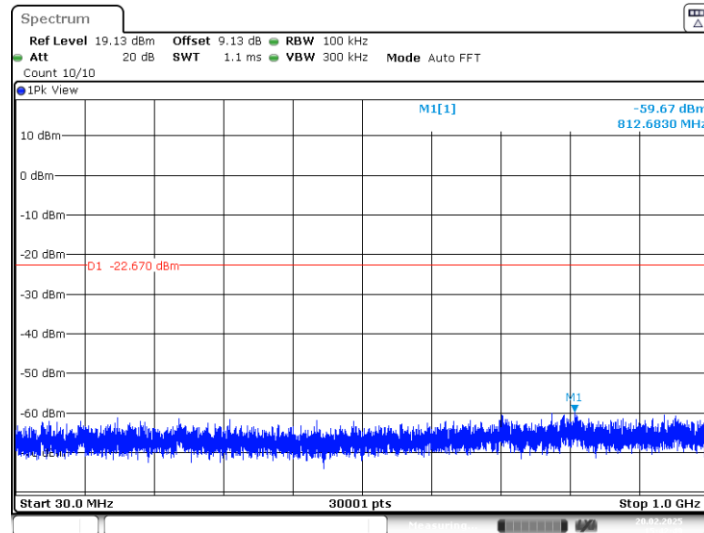


3DH5_Ant1_2441_1000~26500



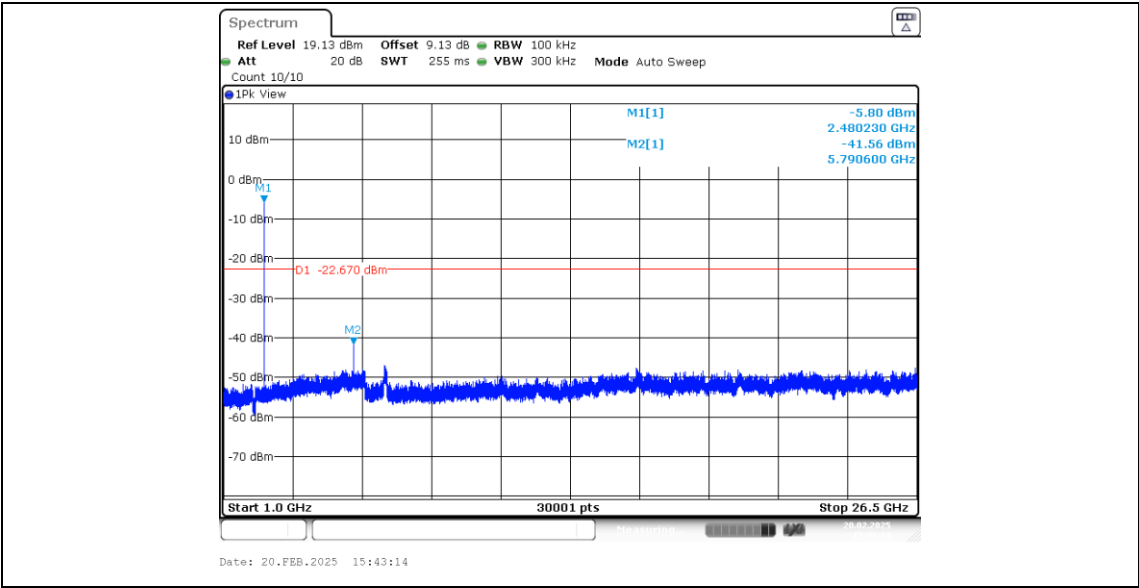
Date: 20.FEB.2025 15:40:48

3DH5_Ant1_2480_30~1000



Date: 20.FEB.2025 15:42:50

3DH5_Ant1_2480_1000~26500



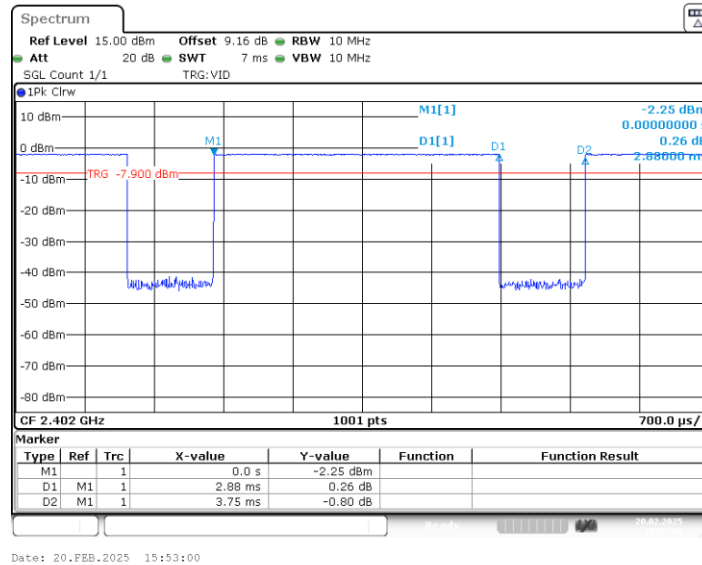
Appendix J: Duty Cycle

Test Result

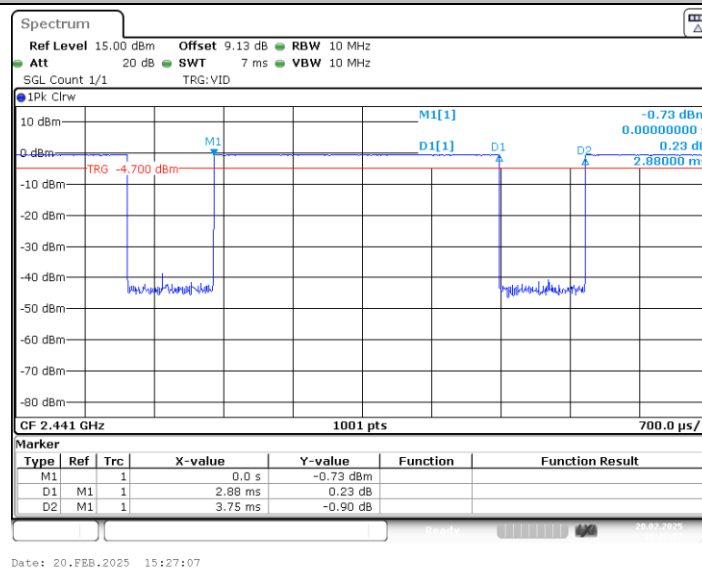
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.88	3.75	76.80	1.15	---	---
		2441	2.88	3.75	76.80	1.15	---	---
		2480	2.89	3.75	77.07	1.13	---	---
2DH5	Ant1	2402	2.89	3.75	77.07	1.13	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.89	3.76	76.86	1.14	---	---
3DH5	Ant1	2402	2.88	3.75	76.80	1.15	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.89	3.75	77.07	1.13	---	---

Test Graphs

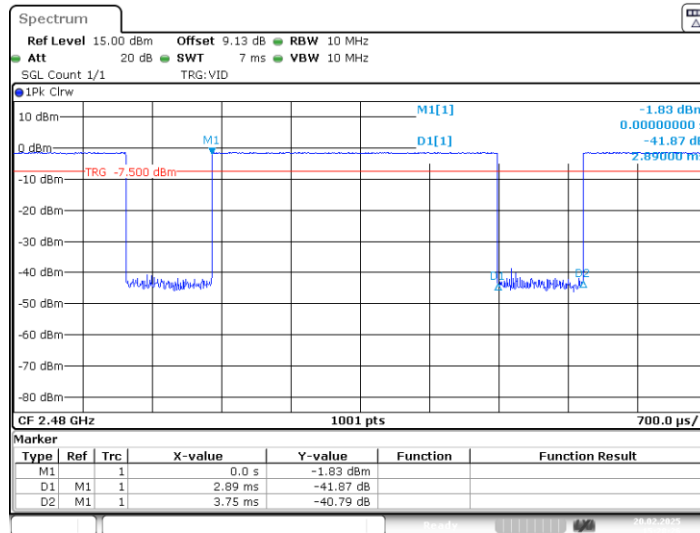
DH5_Ant1_2402



DH5_Ant1_2441

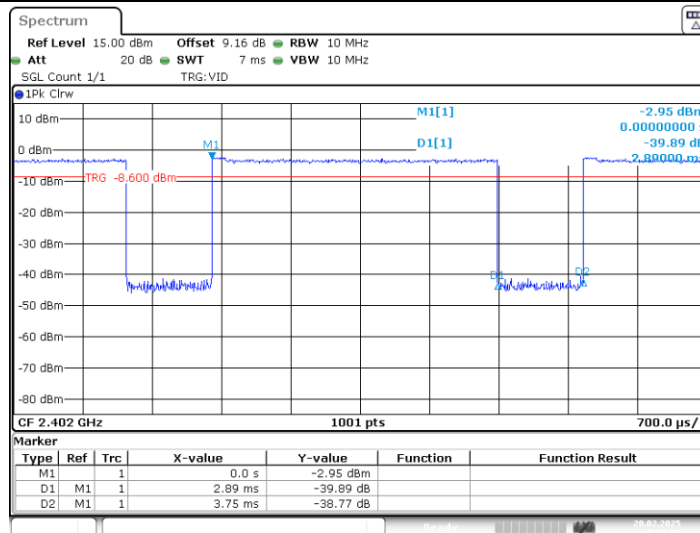


DH5_Ant1_2480



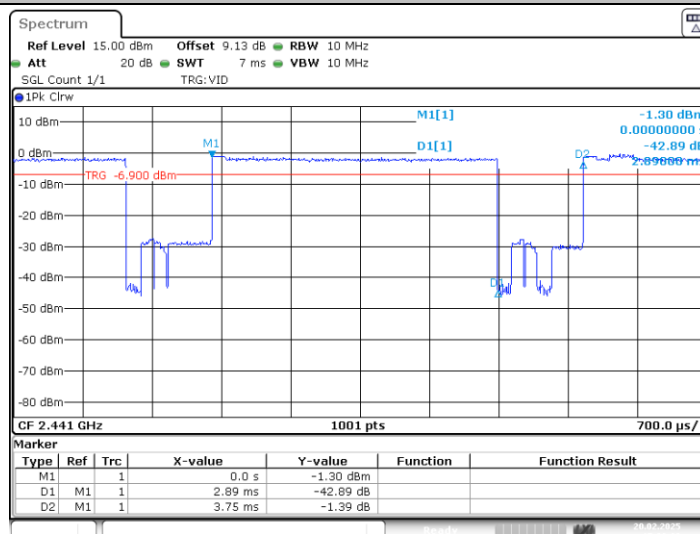
Date: 20.FEB.2025 15:28:26

2DH5_Ant1_2402



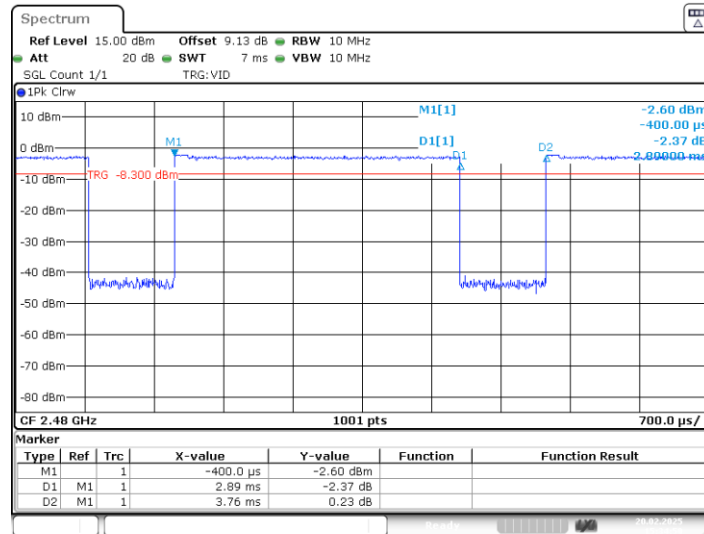
Date: 20.FEB.2025 15:30:54

2DH5_Ant1_2441



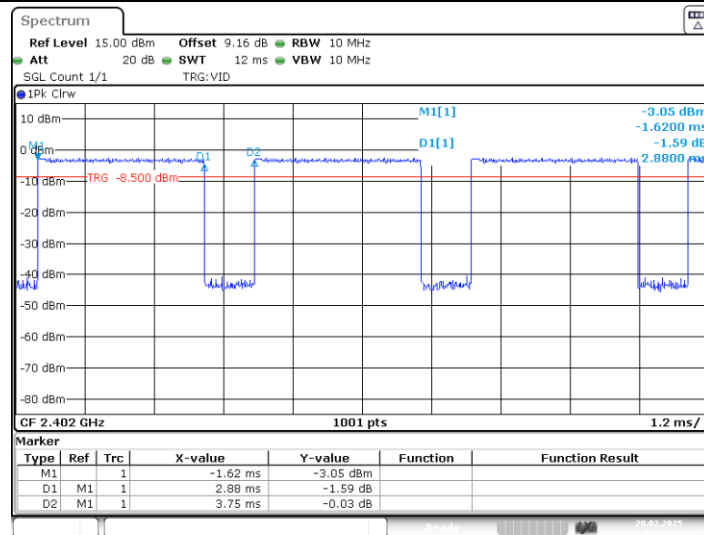
Date: 20.FEB.2025 15:33:29

2DH5_Ant1_2480



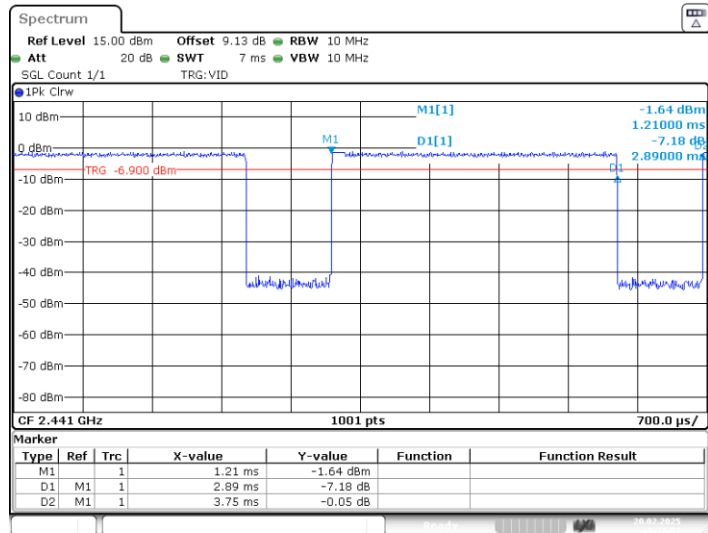
Date: 20.FEB.2025 15:34:51

3DH5_Ant1_2402



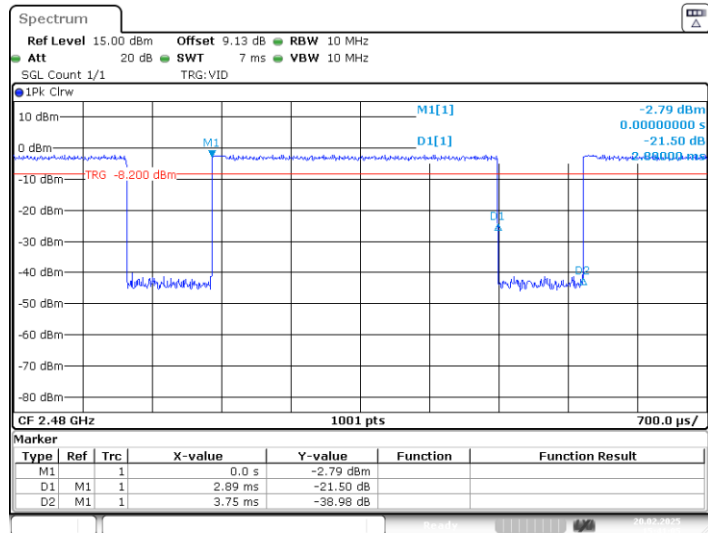
Date: 20.FEB.2025 15:37:20

3DH5_Ant1_2441



Date: 20.FEB.2025 15:39:51

3DH5_Ant1_2480



Date: 20.FEB.2025 15:41:05

