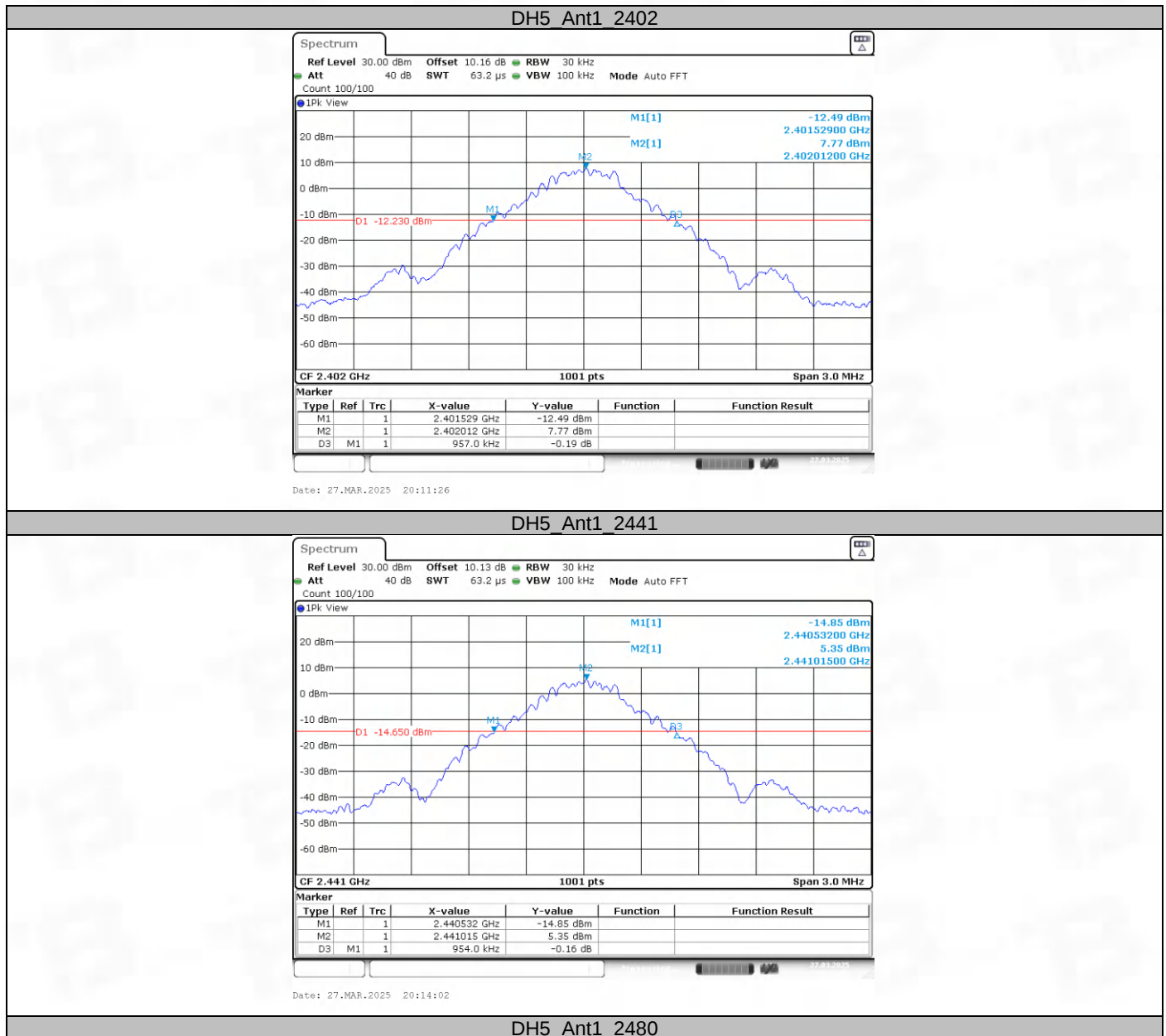


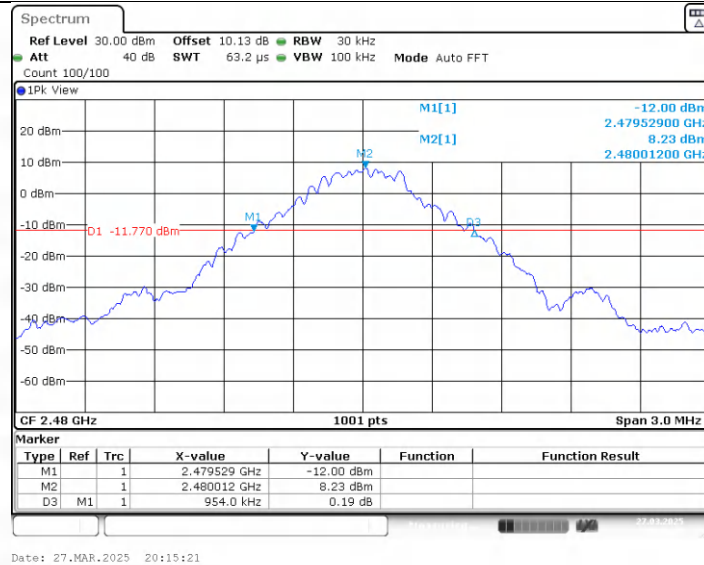
1.1 Appendix A: 20dB Emission Bandwidth

1.1.1 Test Result

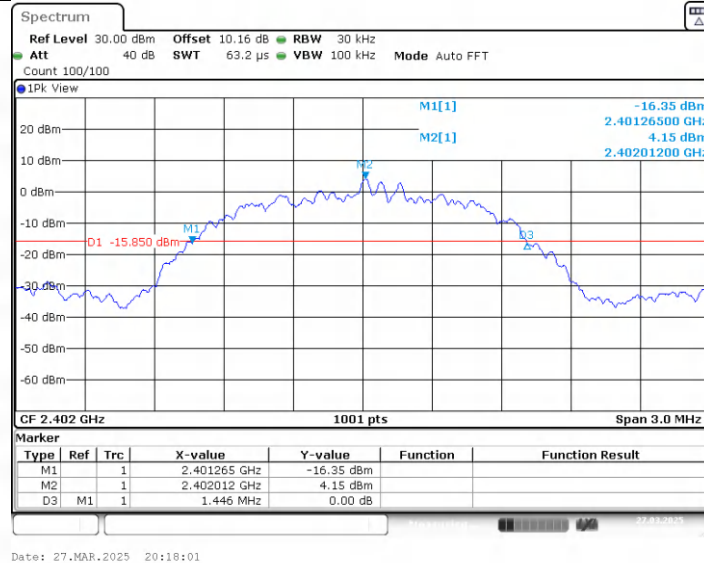
TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.96	2401.53	2402.49	---	---
		2441	0.95	2440.53	2441.49	---	---
		2480	0.95	2479.53	2480.48	---	---
2DH5	Ant1	2402	1.45	2401.27	2402.71	---	---
		2441	1.44	2440.27	2441.71	---	---
		2480	1.45	2479.27	2480.71	---	---
3DH5	Ant1	2402	1.48	2401.27	2402.76	---	---
		2441	1.46	2440.27	2441.74	---	---
		2480	1.47	2479.27	2480.75	---	---

1.1.2 Test Graphs

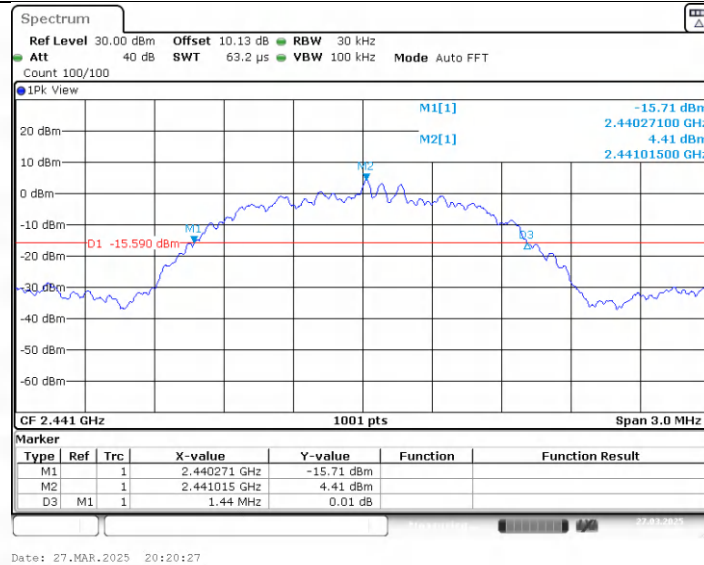




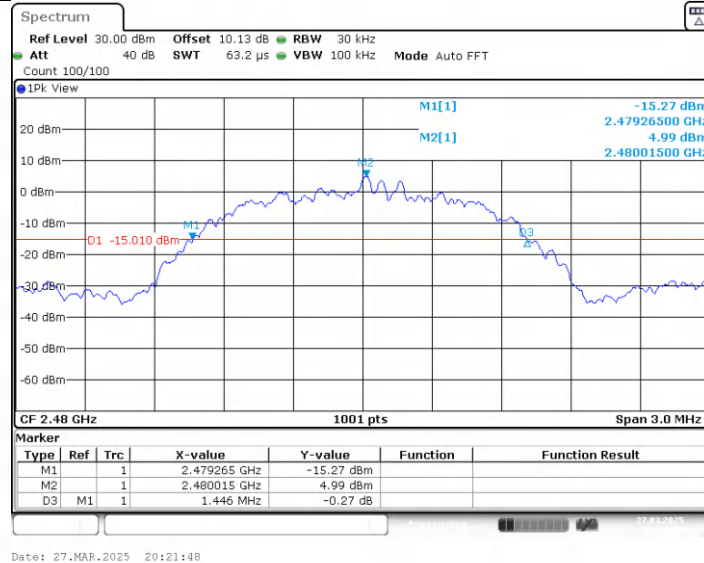
2DH5_Ant1_2402



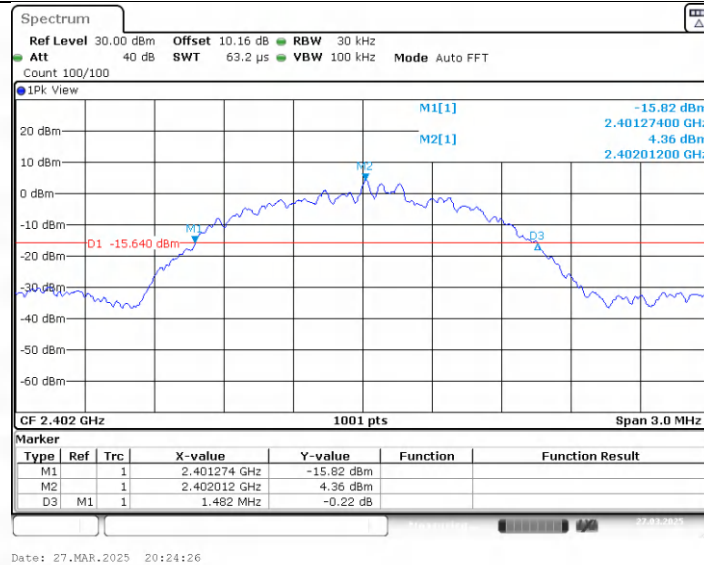
2DH5_Ant1_2441



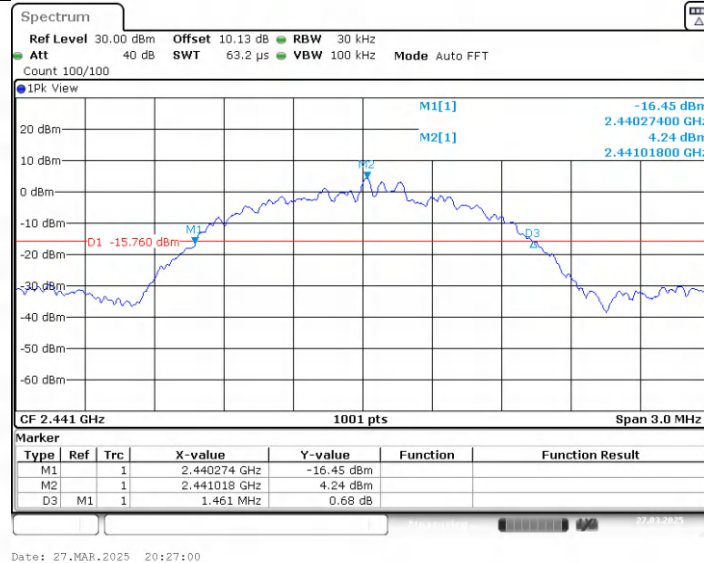
2DH5 Ant1 2480



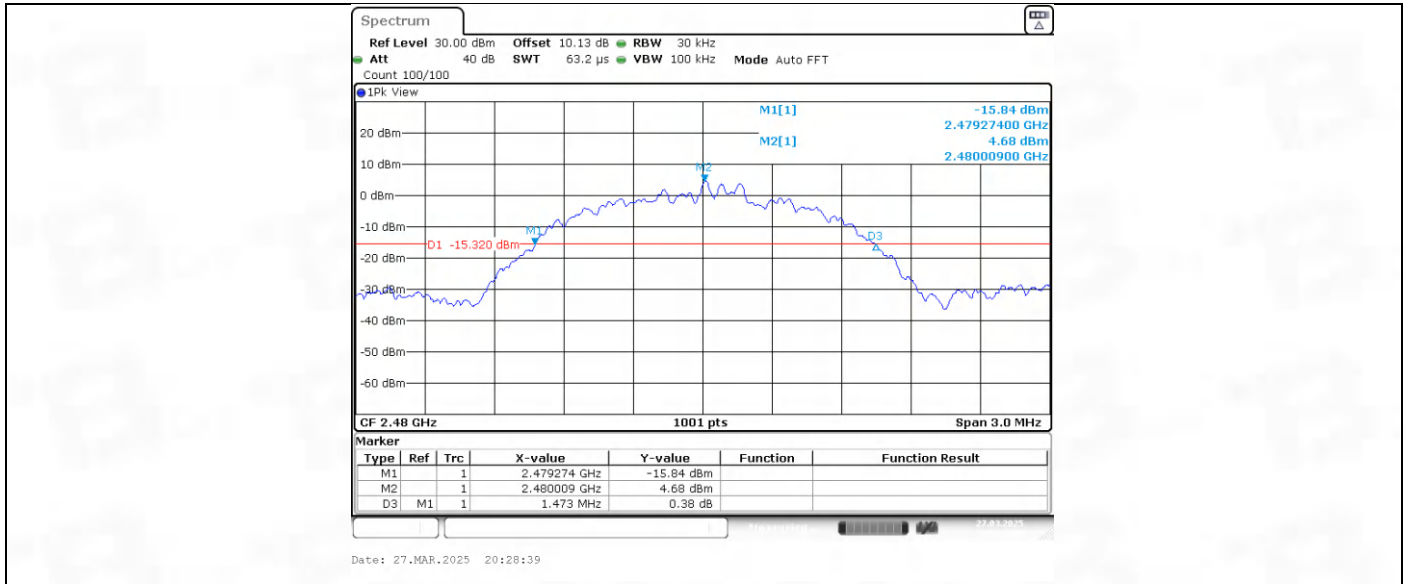
3DH5 Ant1 2402



3DH5_Ant1_2441



3DH5_Ant1_2480



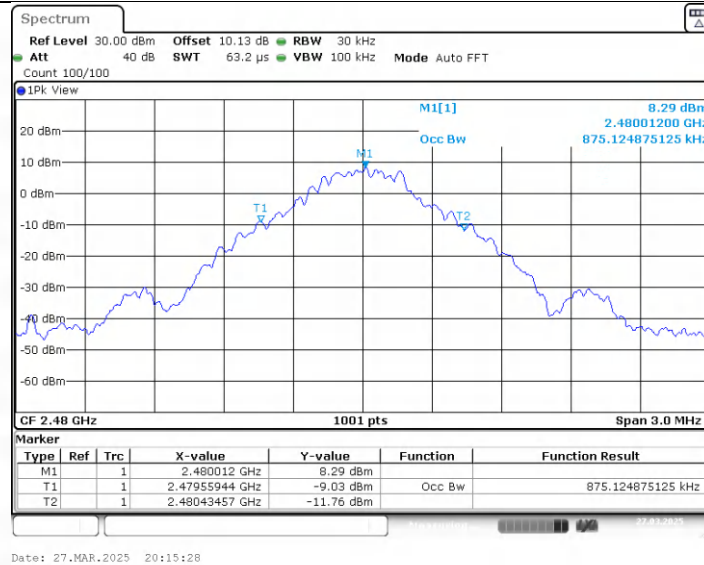
1.2 Appendix B: Occupied Channel Bandwidth

1.2.1 Test Result

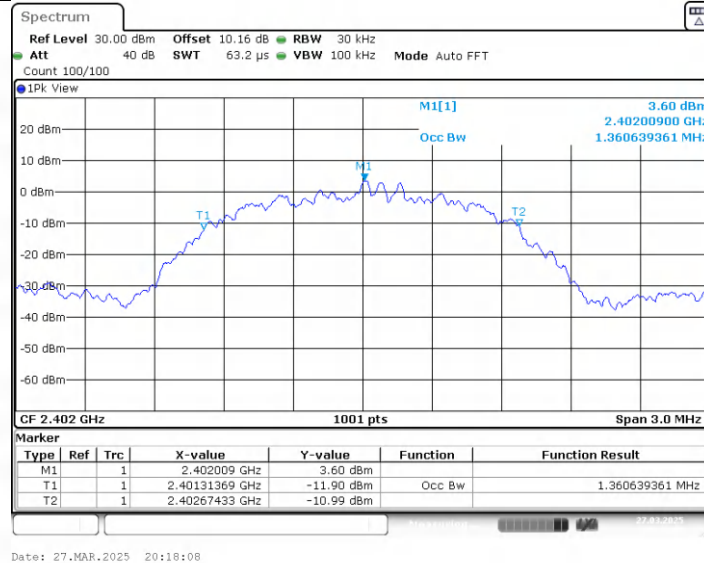
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.884	2401.5564	2402.4406	---	---
		2441	0.872	2440.5624	2441.4346	---	---
		2480	0.875	2479.5594	2480.4346	---	---
2DH5	Ant1	2402	1.361	2401.3137	2402.6743	---	---
		2441	1.358	2440.3197	2441.6773	---	---
		2480	1.358	2479.3167	2480.6743	---	---
3DH5	Ant1	2402	1.358	2401.3197	2402.6773	---	---
		2441	1.355	2440.3227	2441.6773	---	---
		2480	1.358	2479.3227	2480.6803	---	---

1.2.2 Test Graphs

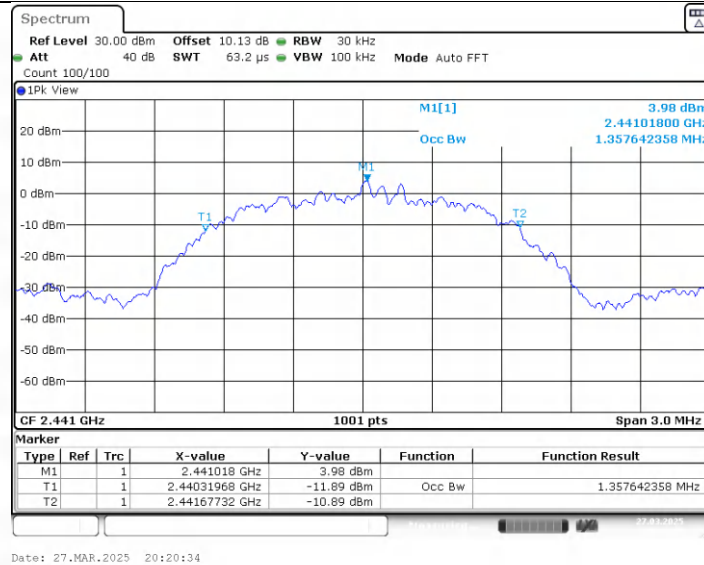




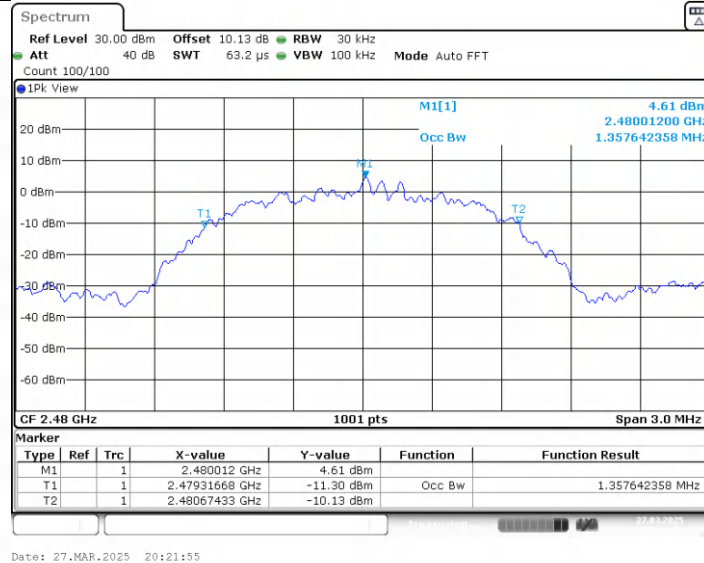
2DH5 Ant1 2402



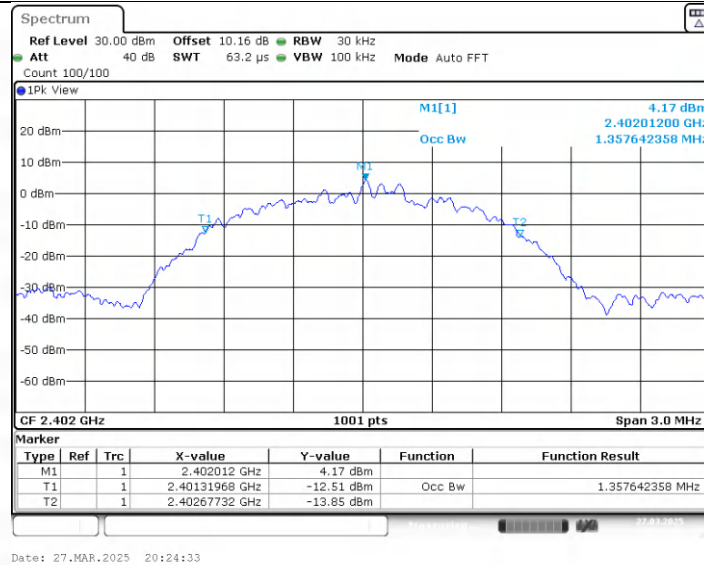
2DH5 Ant1 2441



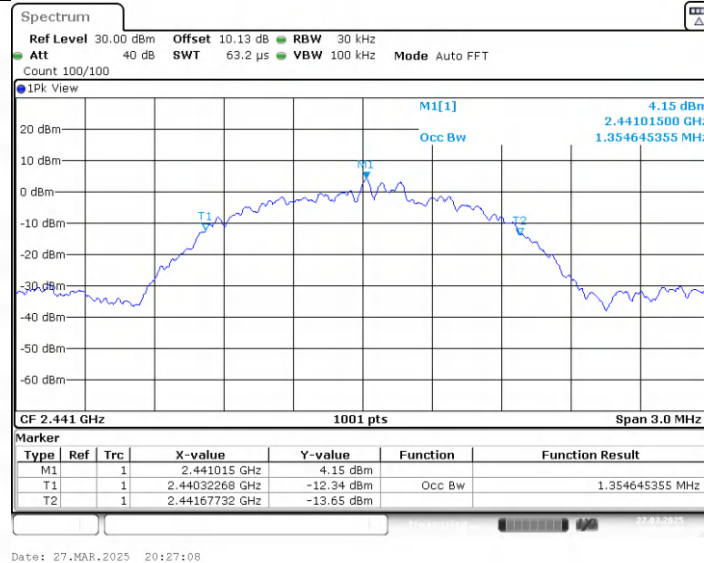
2DH5 Ant1 2480



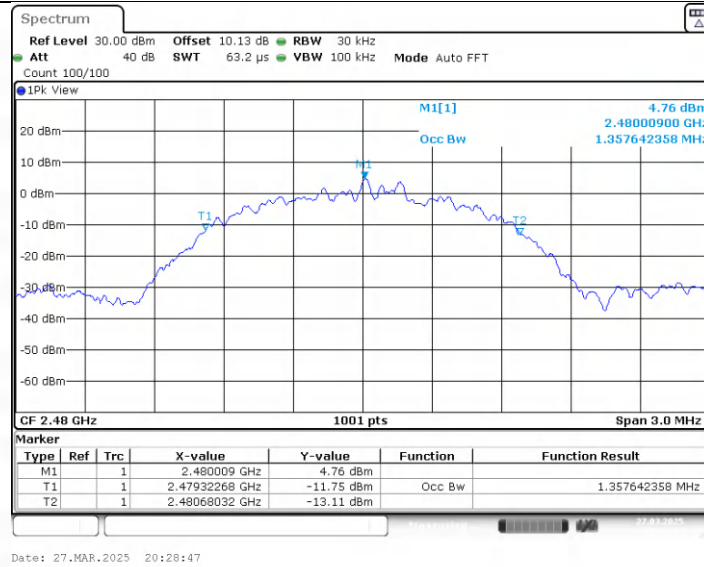
3DH5 Ant1 2402



3DH5_Ant1_2441



3DH5_Ant1_2480

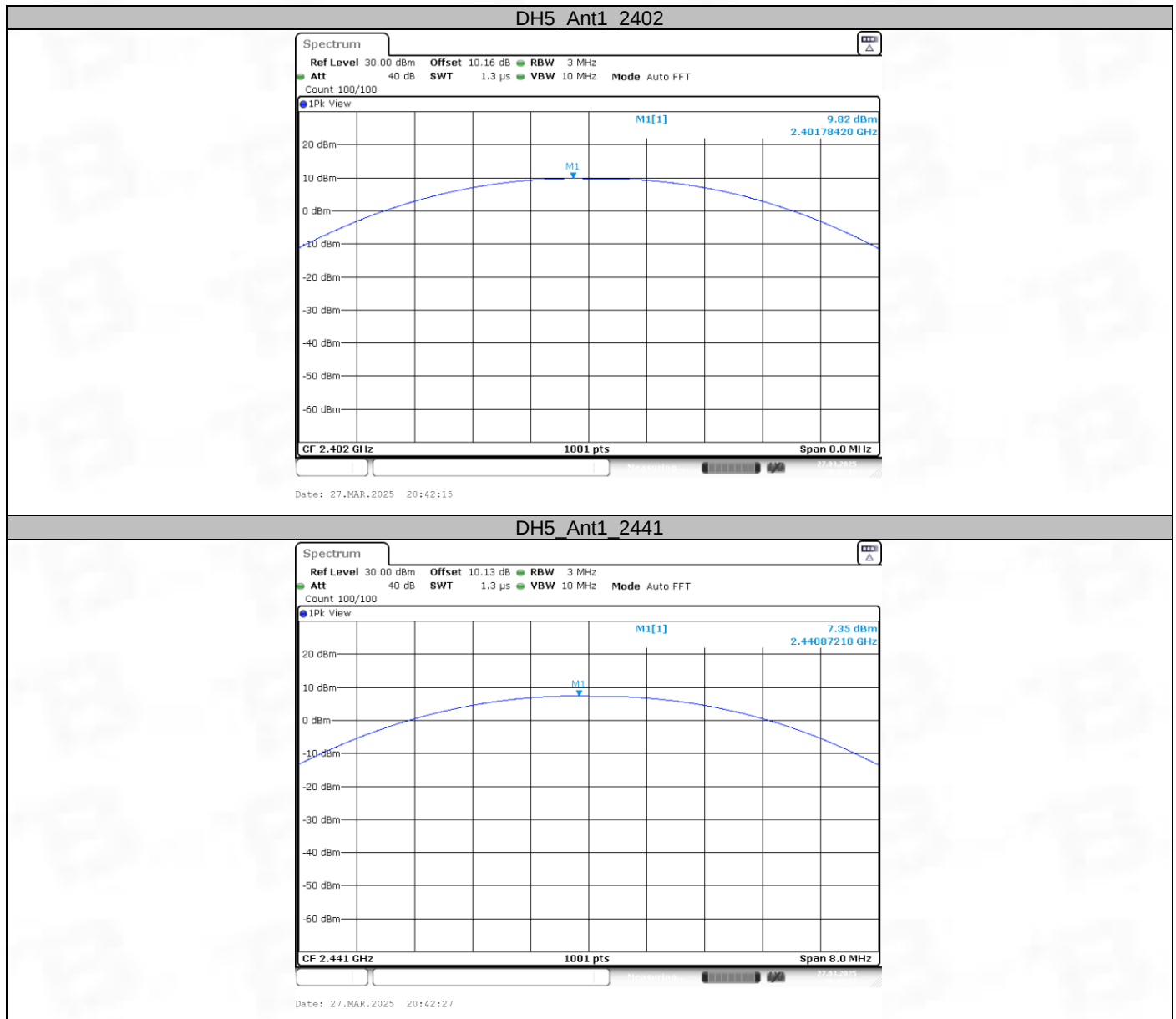


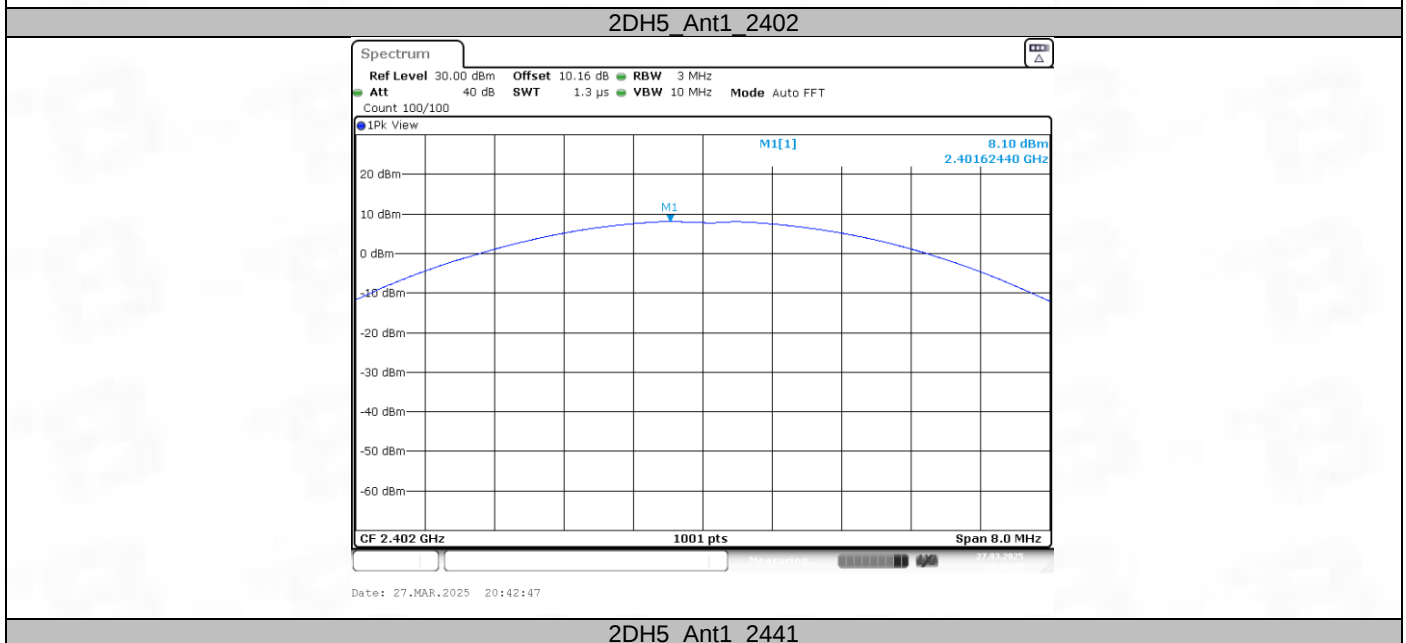
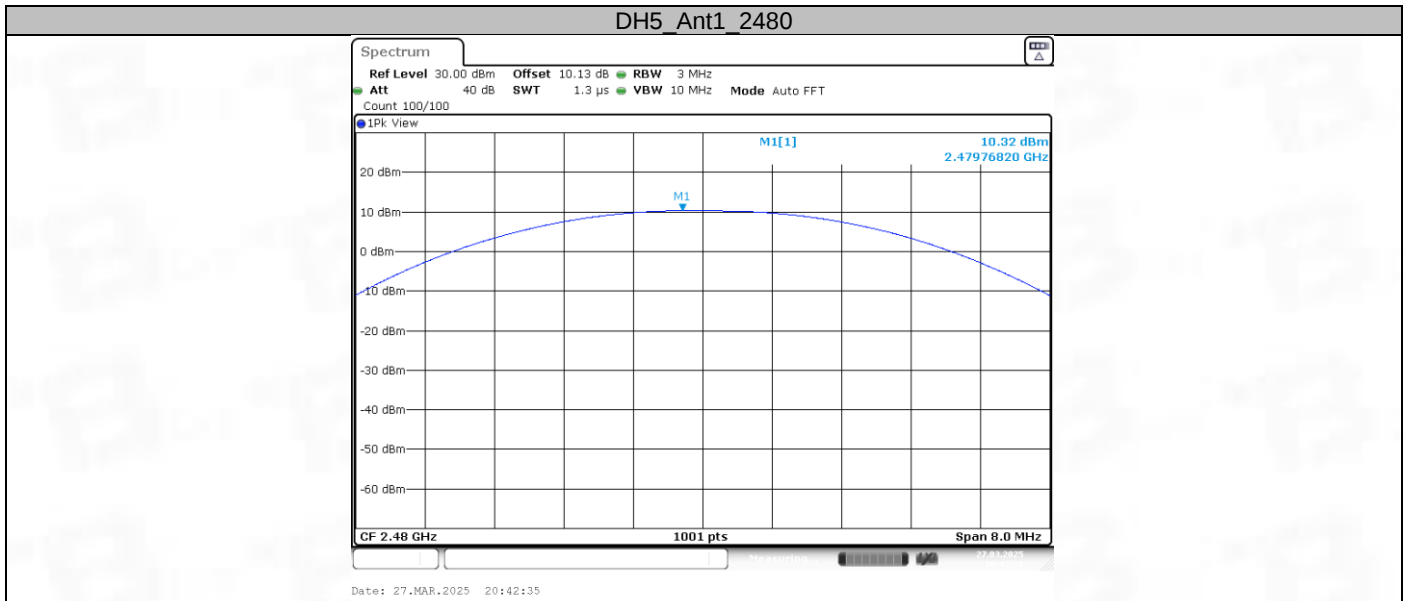
1.3 Appendix C: Maximum conducted output power

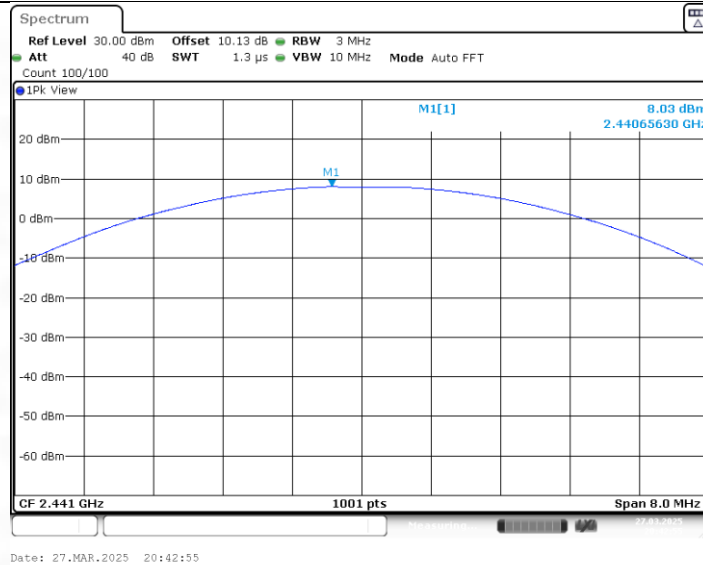
1.3.1 Test Result Peak

Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Verdict
DH5	Ant1	2402	9.82	PASS
		2441	7.35	PASS
		2480	10.32	PASS
2DH5	Ant1	2402	8.10	PASS
		2441	8.03	PASS
		2480	8.65	PASS
3DH5	Ant1	2402	8.12	PASS
		2441	8.12	PASS
		2480	8.76	PASS

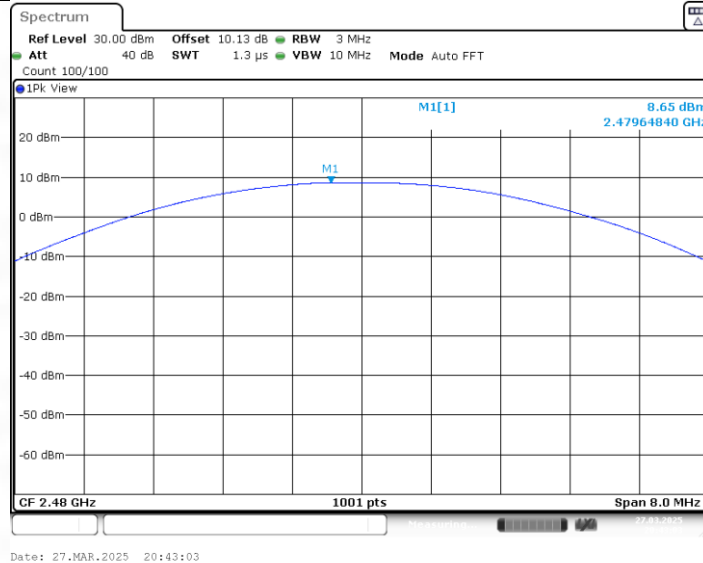
1.3.2 Test Graphs



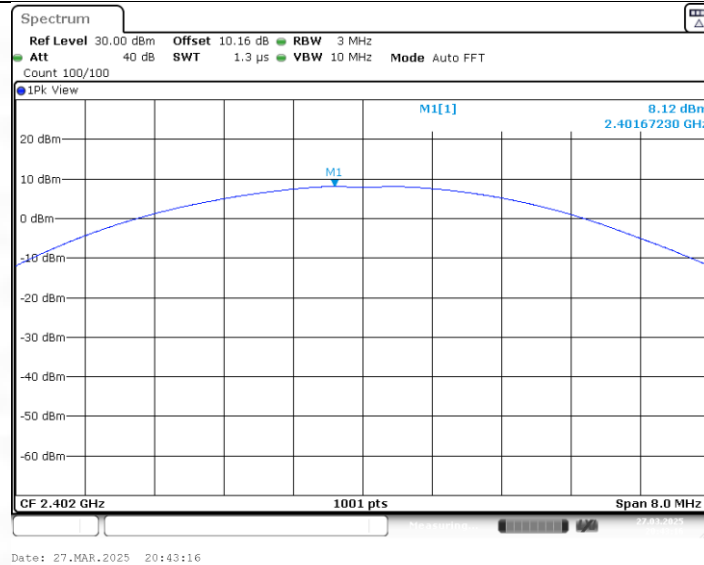




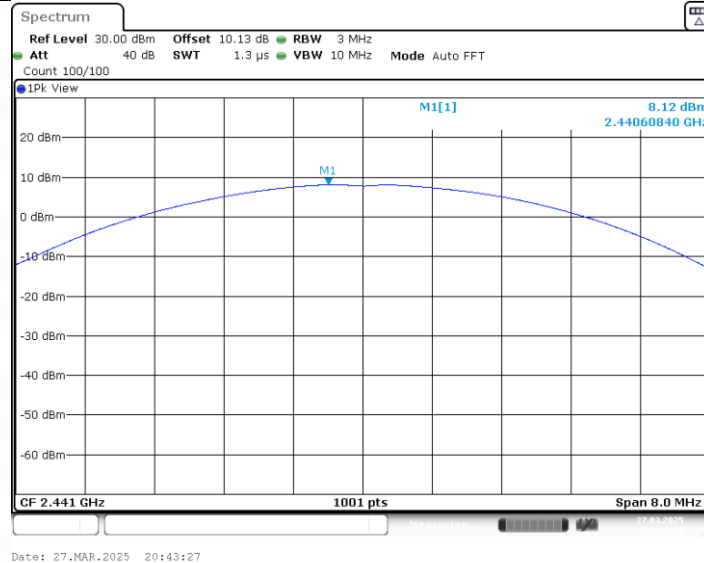
2DH5 Ant1 2480



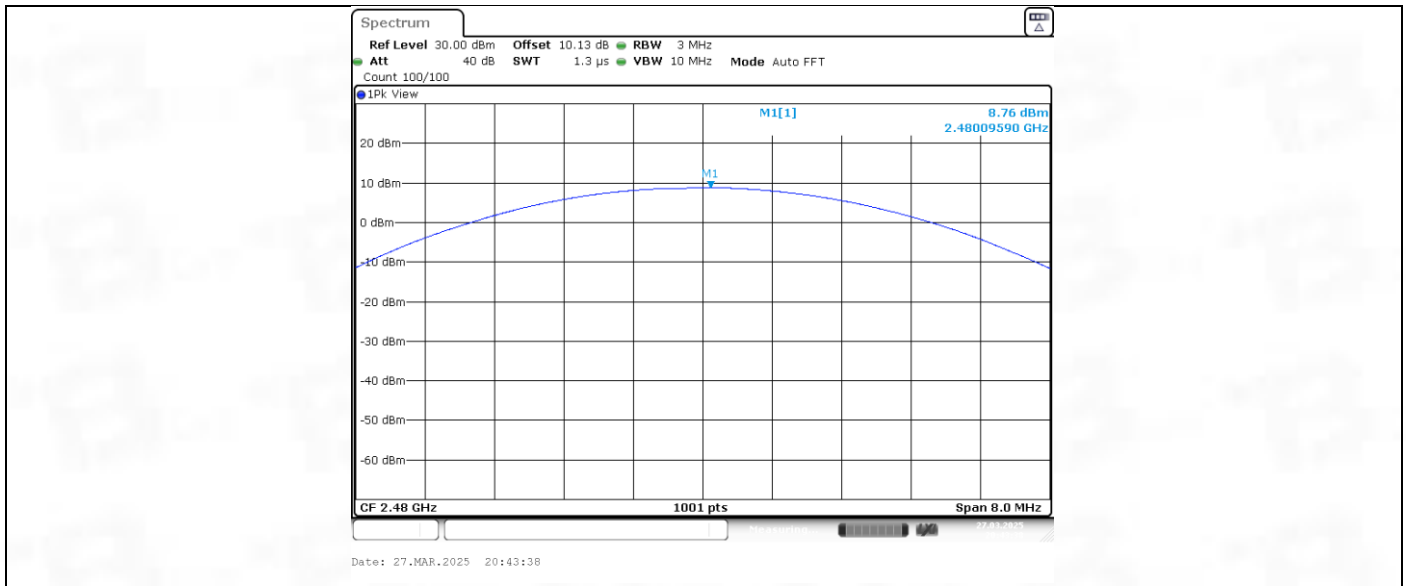
3DH5 Ant1 2402



3DH5_Ant1_2441



3DH5_Ant1_2480

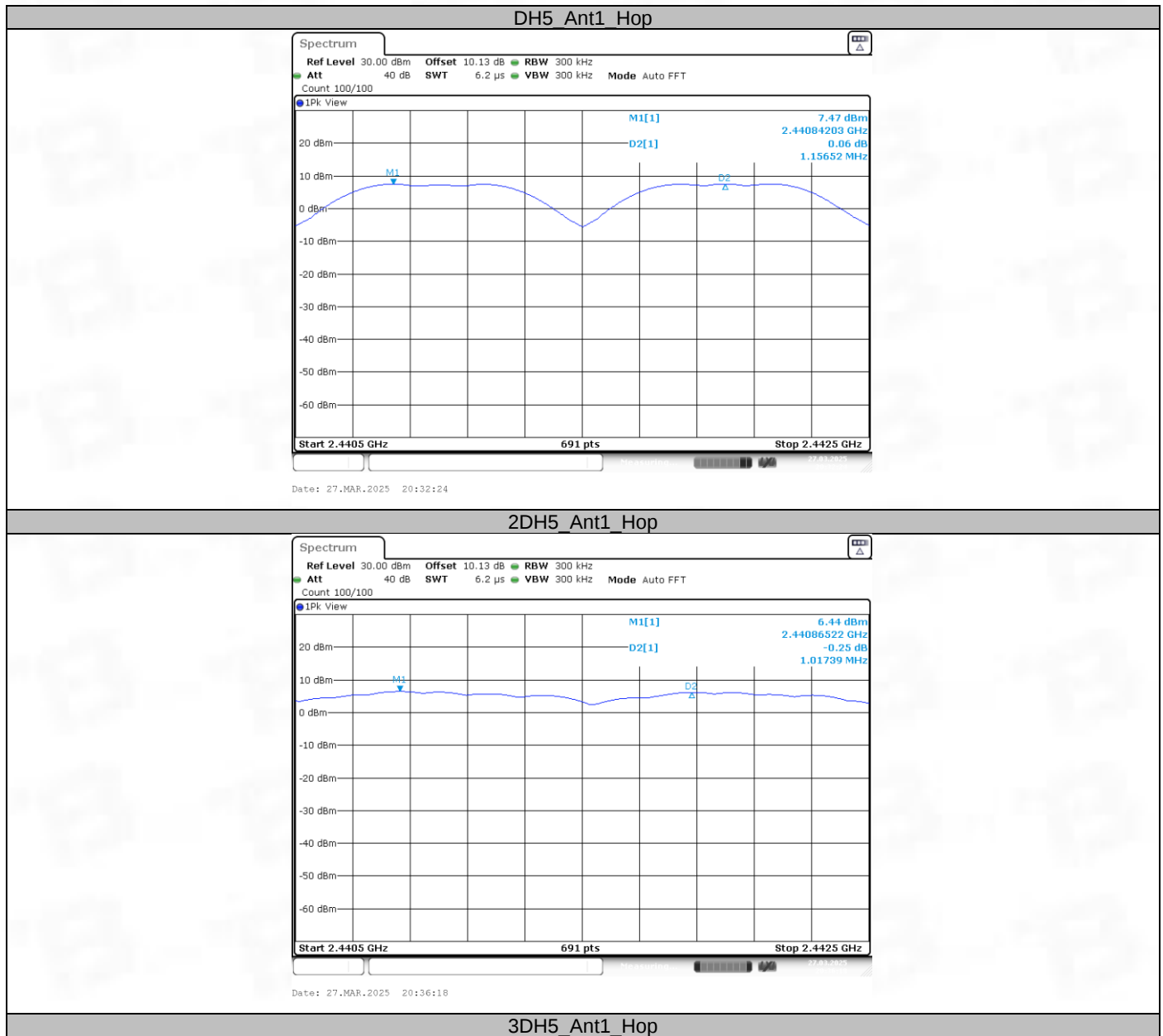


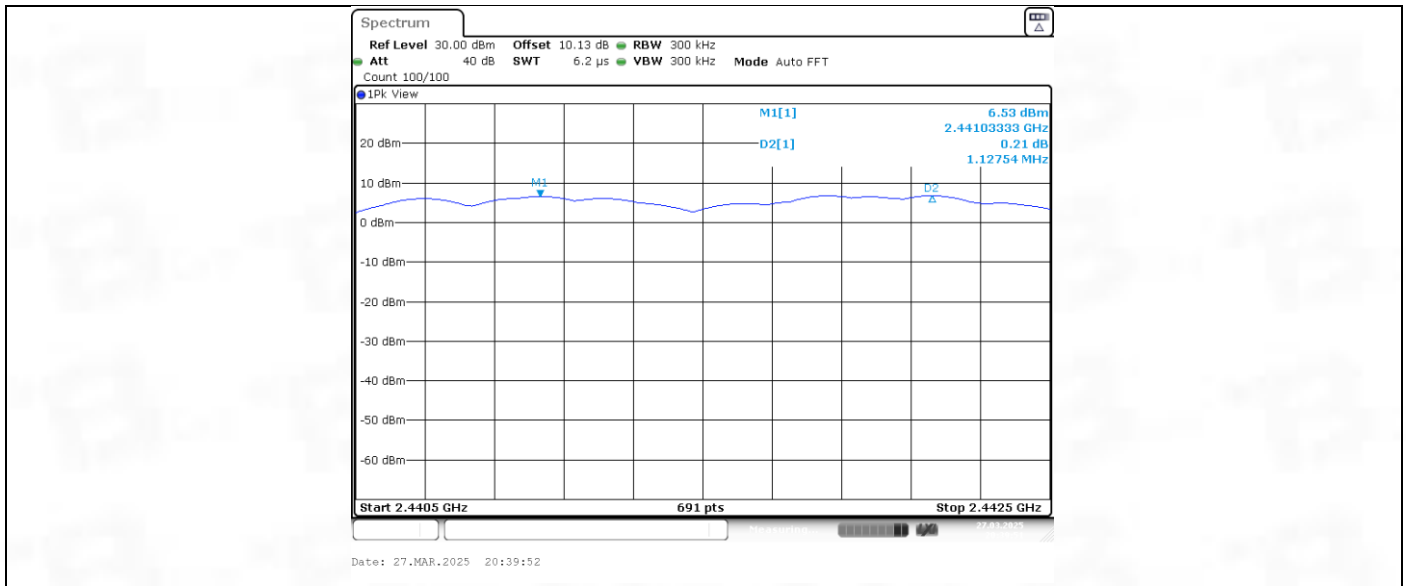
1.4 Appendix D: Carrier frequency separation

1.4.1 Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.157	≥ 0.960	PASS
2DH5	Ant1	Hop	1.017	≥ 0.967	PASS
3DH5	Ant1	Hop	1.128	≥ 0.987	PASS

1.4.2 Test Graphs



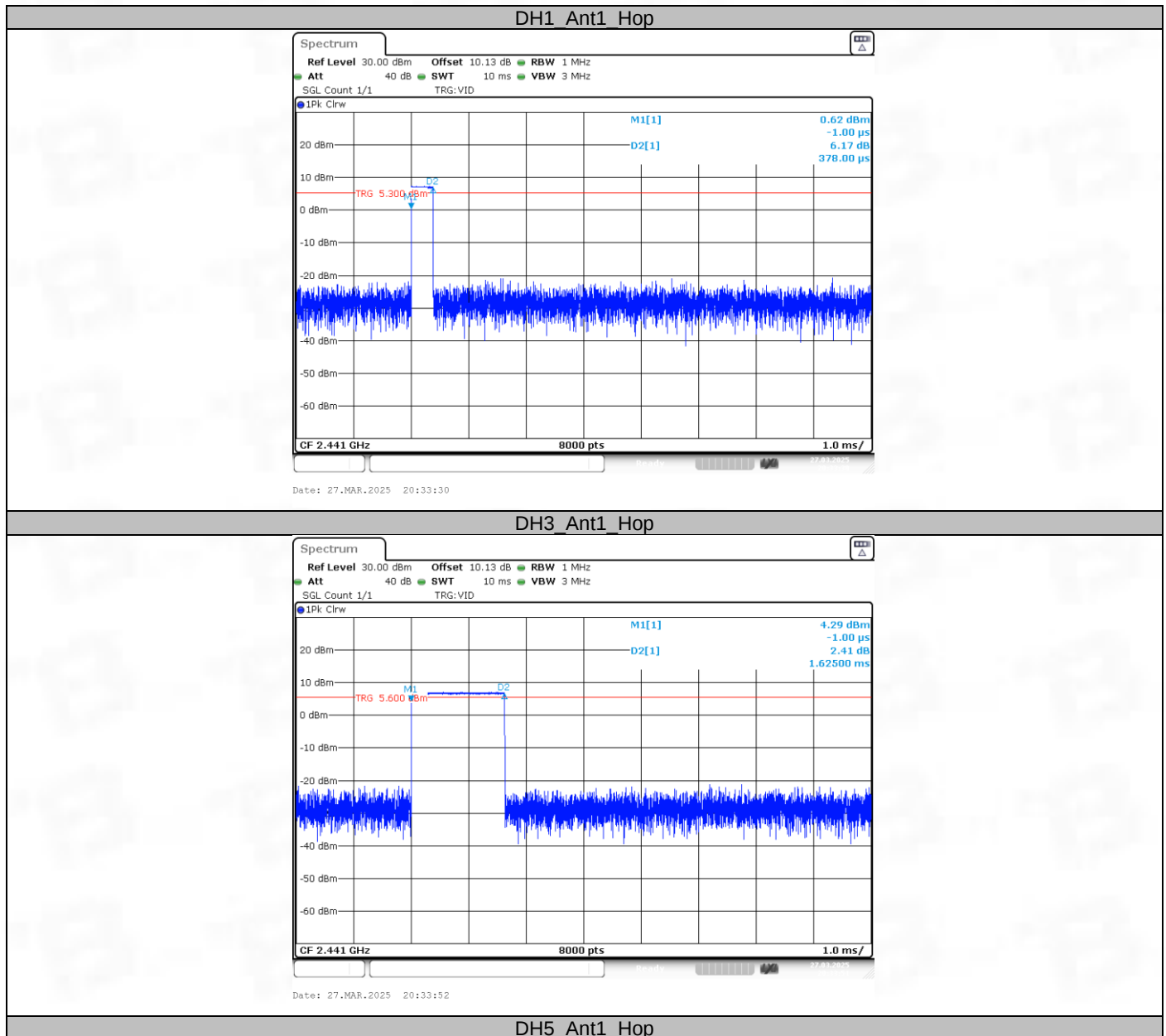


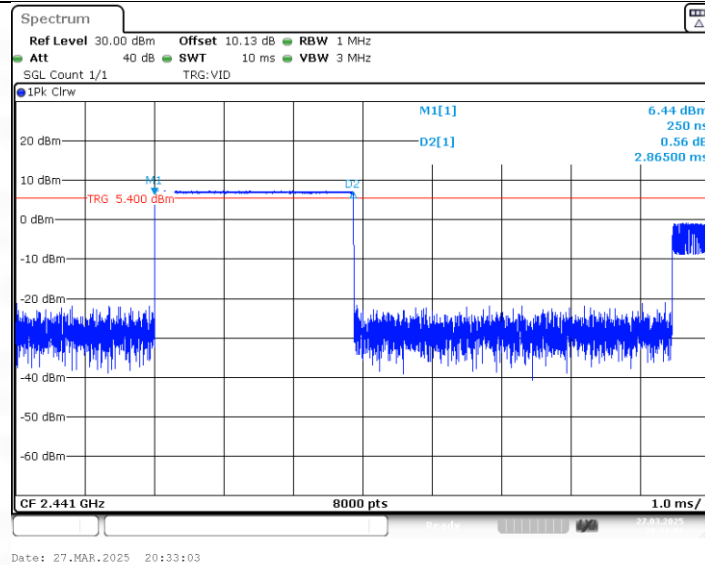
1.5 Appendix E: Time of occupancy

1.5.1 Test Result

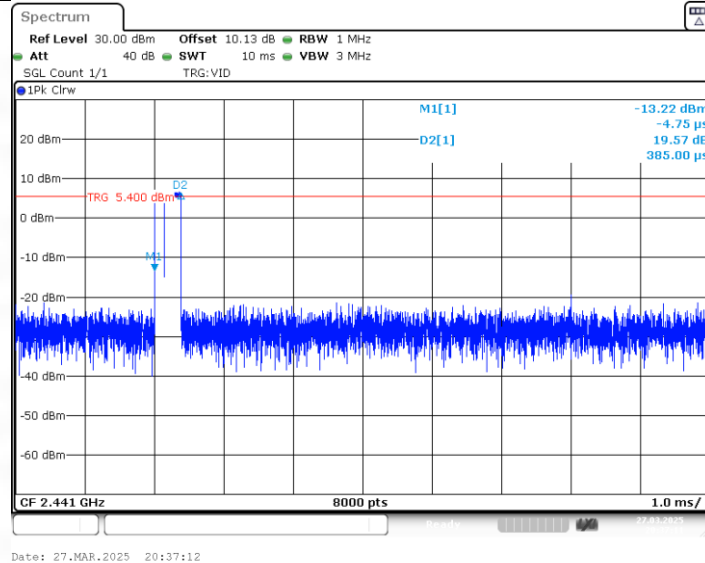
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.378	320	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.625	160	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.865	106.67	0.306	≤0.4	PASS
2DH1	Ant1	Hop	0.385	320	0.123	≤0.4	PASS
2DH3	Ant1	Hop	1.624	160	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.869	106.67	0.306	≤0.4	PASS
3DH1	Ant1	Hop	0.385	320	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.629	160	0.261	≤0.4	PASS
3DH5	Ant1	Hop	2.872	106.67	0.306	≤0.4	PASS

1.5.2 Test Graphs

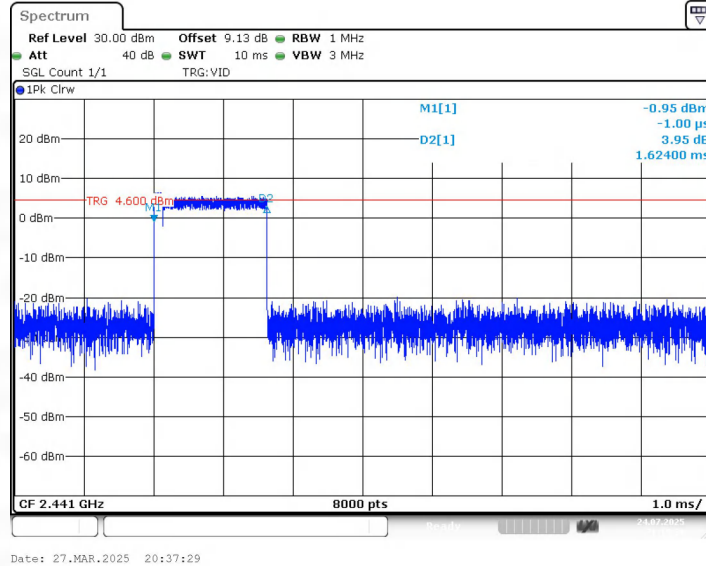




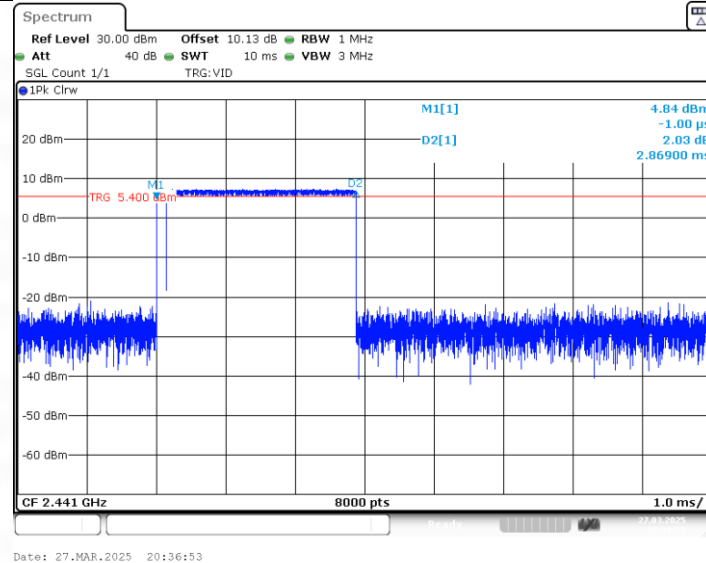
2DH1_Ant1_Hop



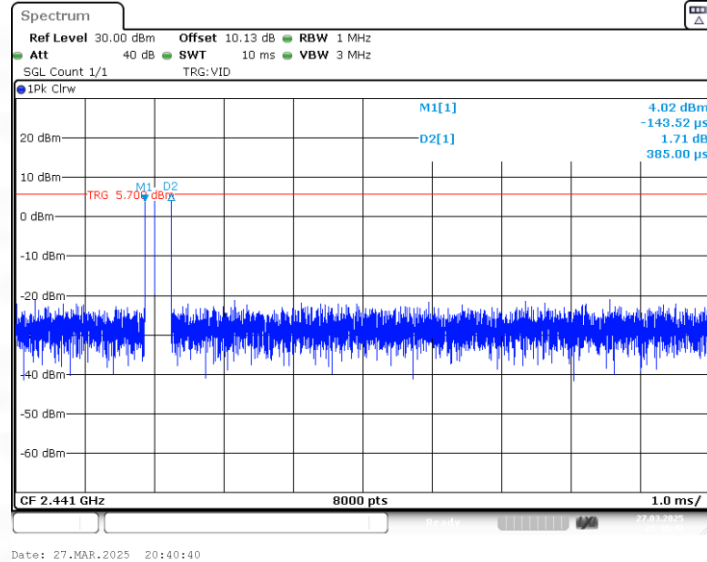
2DH3_Ant1_Hop



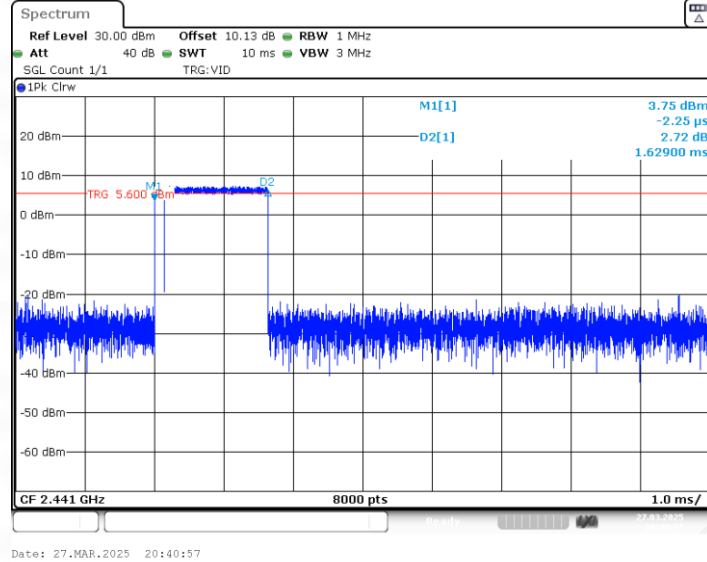
2DH5 Ant1 Hop



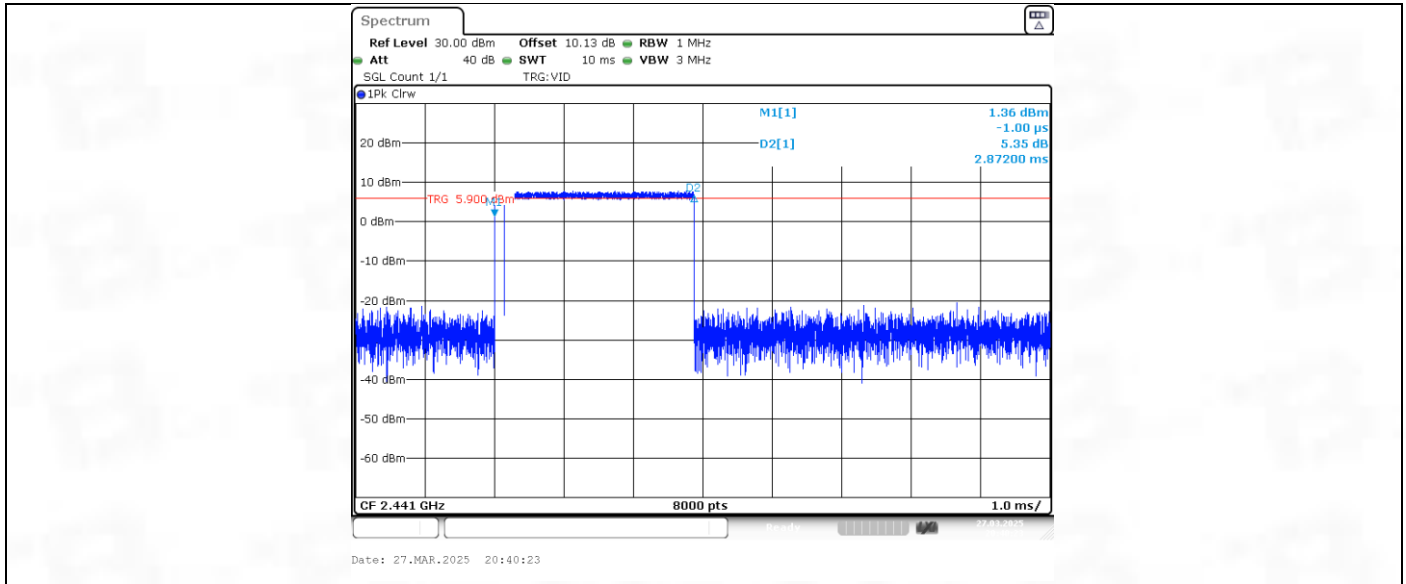
3DH1 Ant1 Hop



3DH3 Ant1 Hop



3DH5 Ant1 Hop

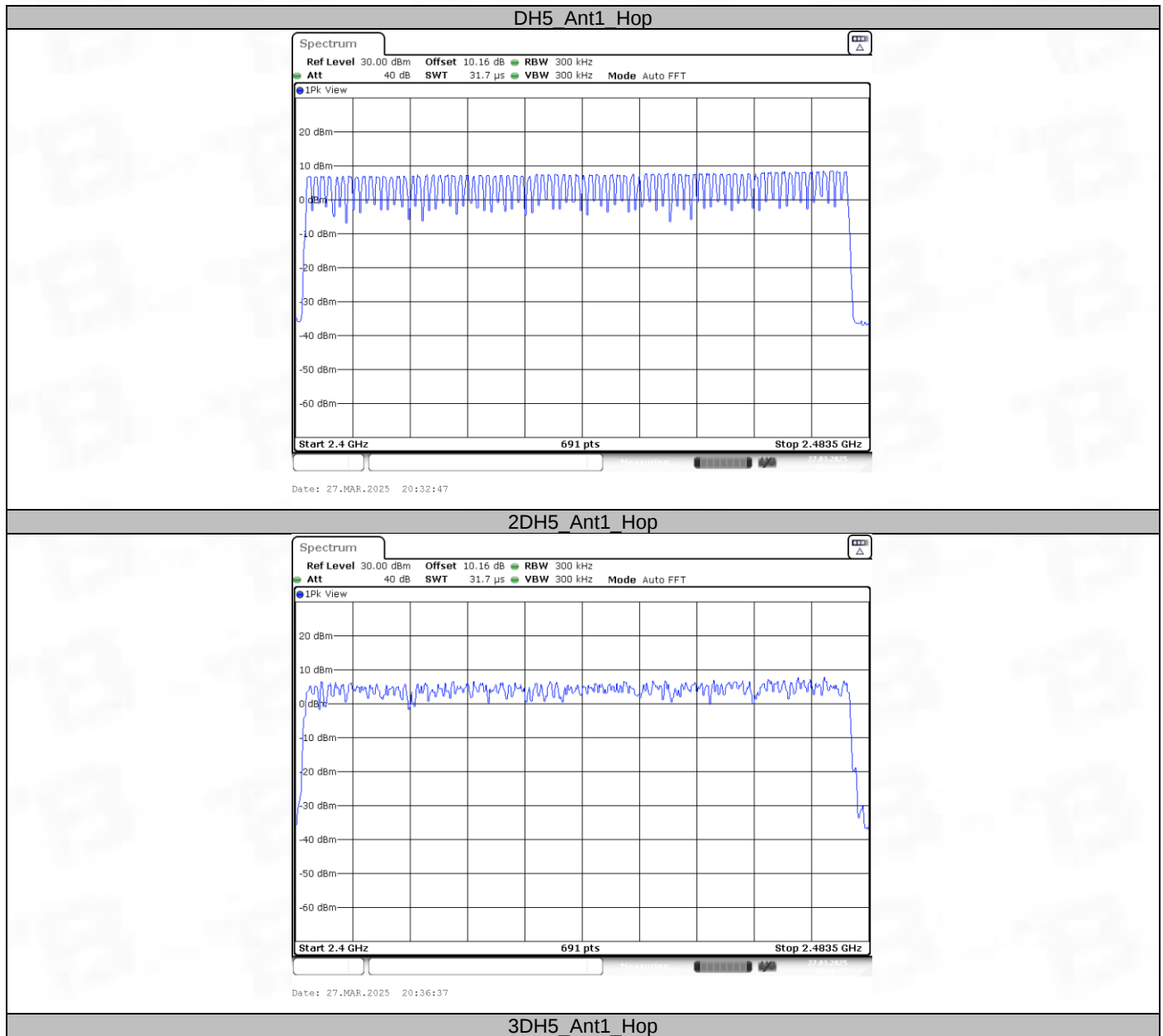


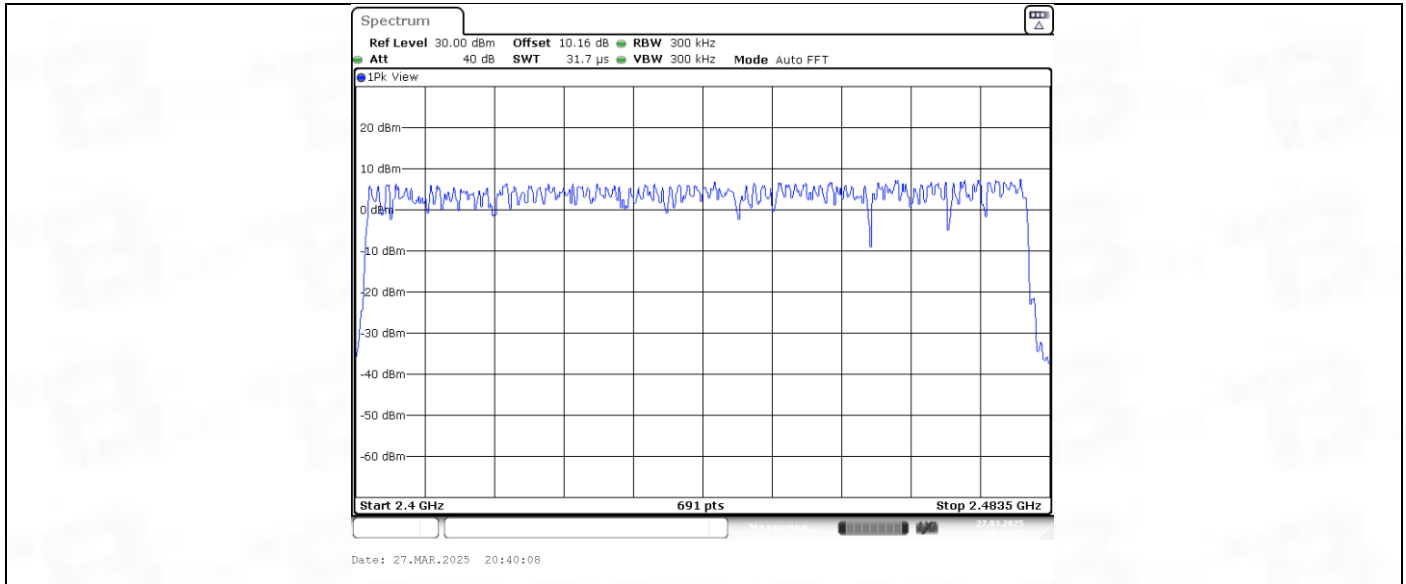
1.6 Appendix F: Number of hopping channels

1.6.1 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

1.6.2 Test Graphs



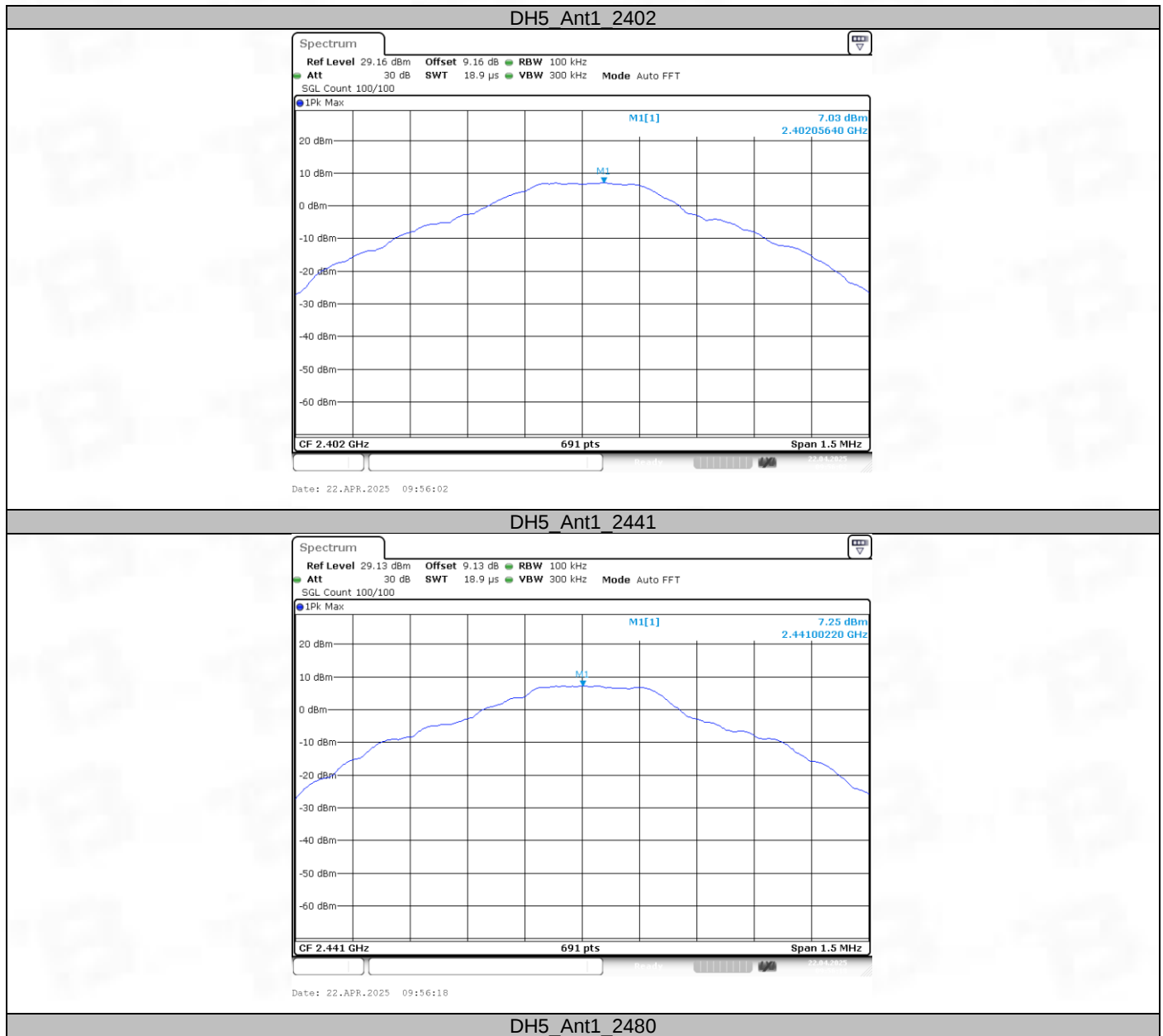


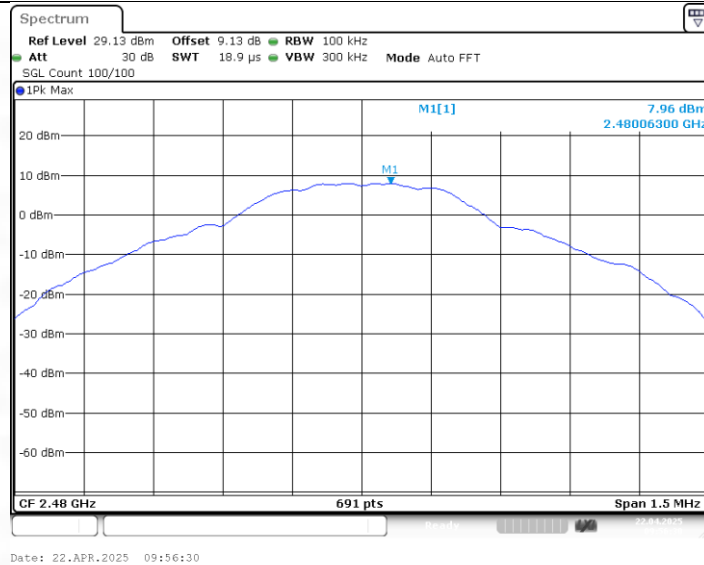
1.7 Appendix G: Reference level measurement

1.7.1 Test Result

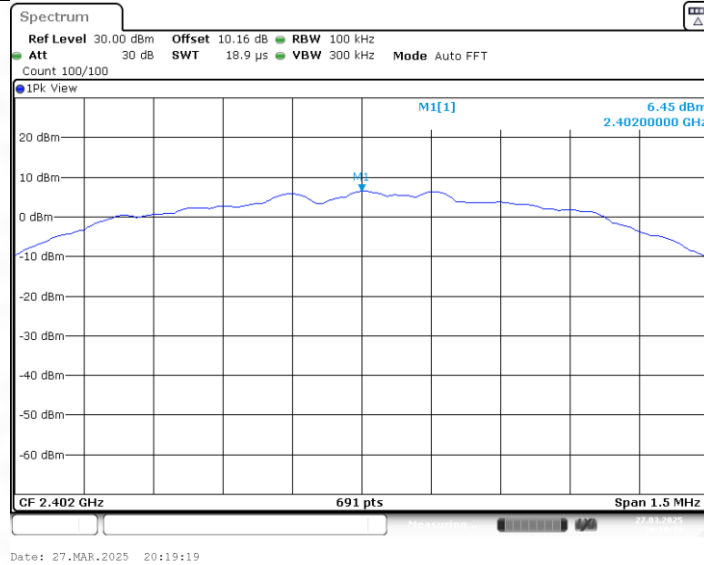
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2402.06	7.03
		2441	2441.00	7.25
		2480	2480.06	7.96
2DH5	Ant1	2402	2402.00	6.45
		2441	2441.00	6.47
		2480	2480.00	6.91
3DH5	Ant1	2402	2402.16	6.41
		2441	2441.16	6.42
		2480	2480.16	6.97

1.7.2 Test Graphs

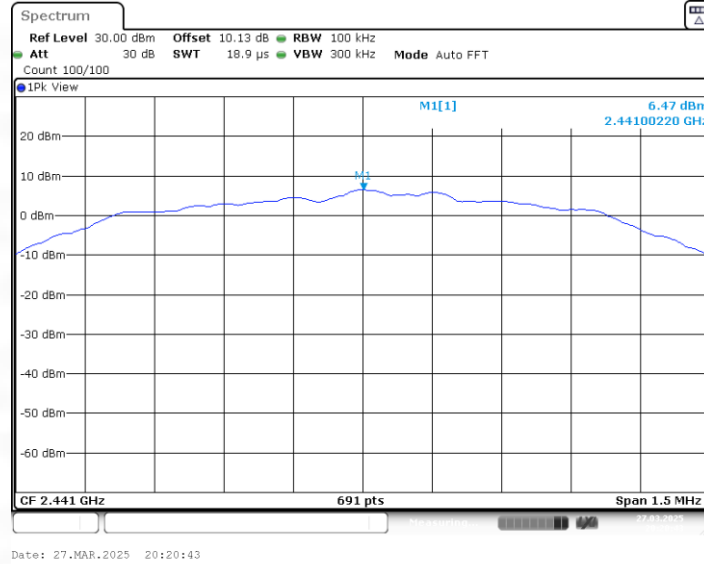




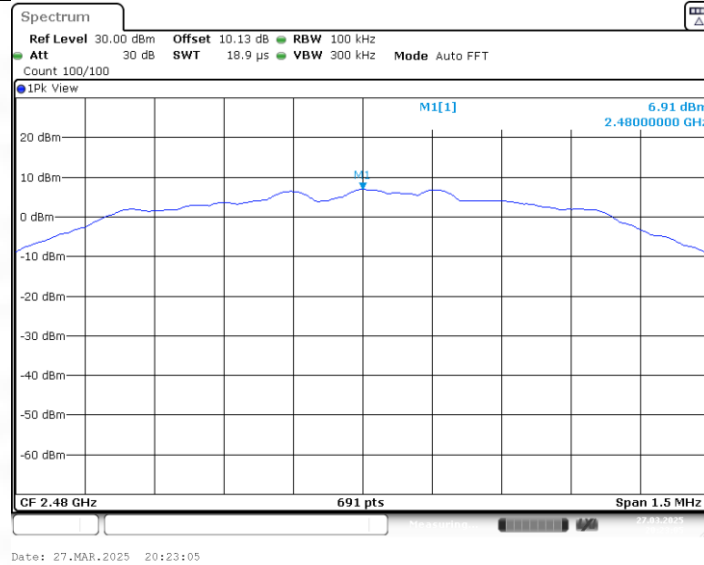
2DH5 Ant1 2402



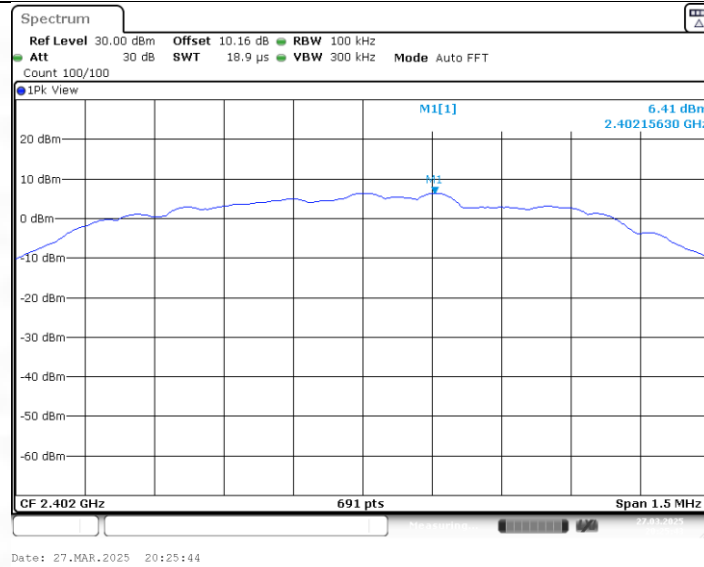
2DH5 Ant1 2441



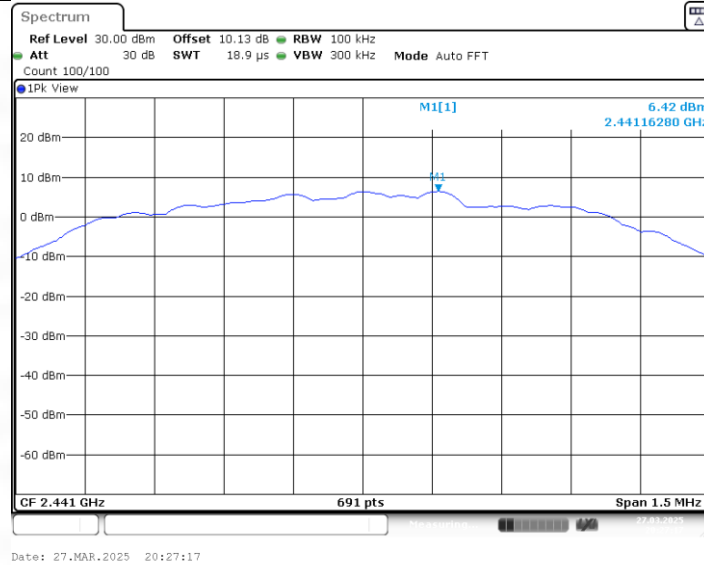
2DH5 Ant1 2480



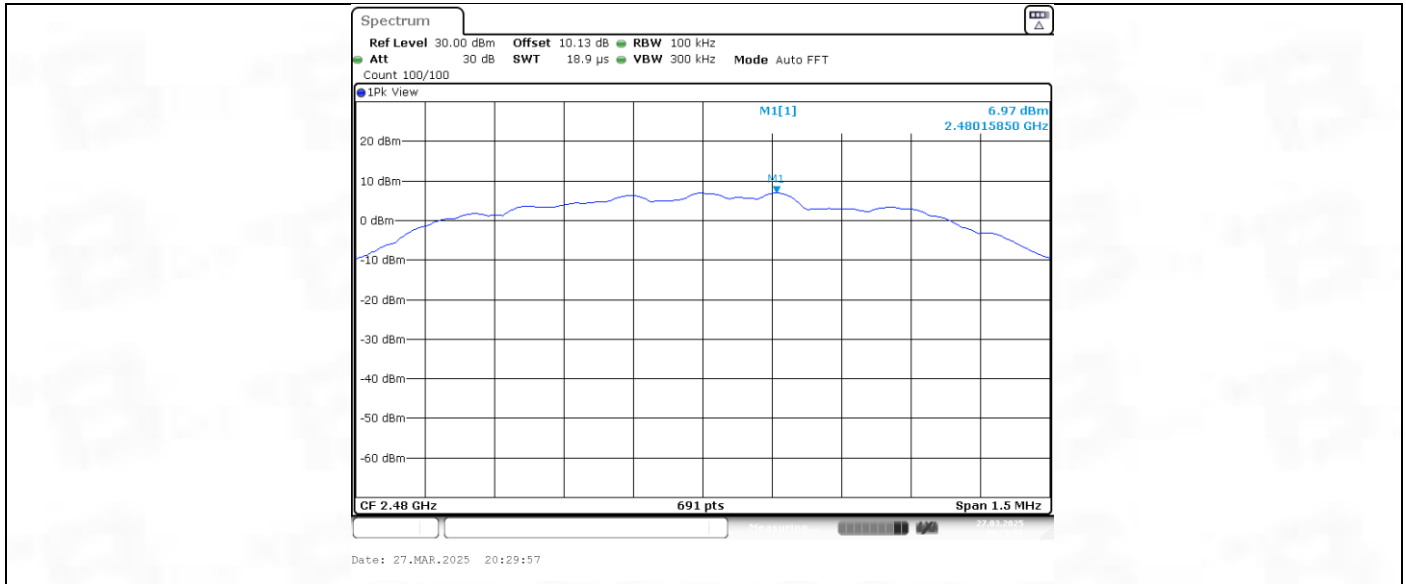
3DH5 Ant1 2402



3DH5_Ant1_2441



3DH5_Ant1_2480

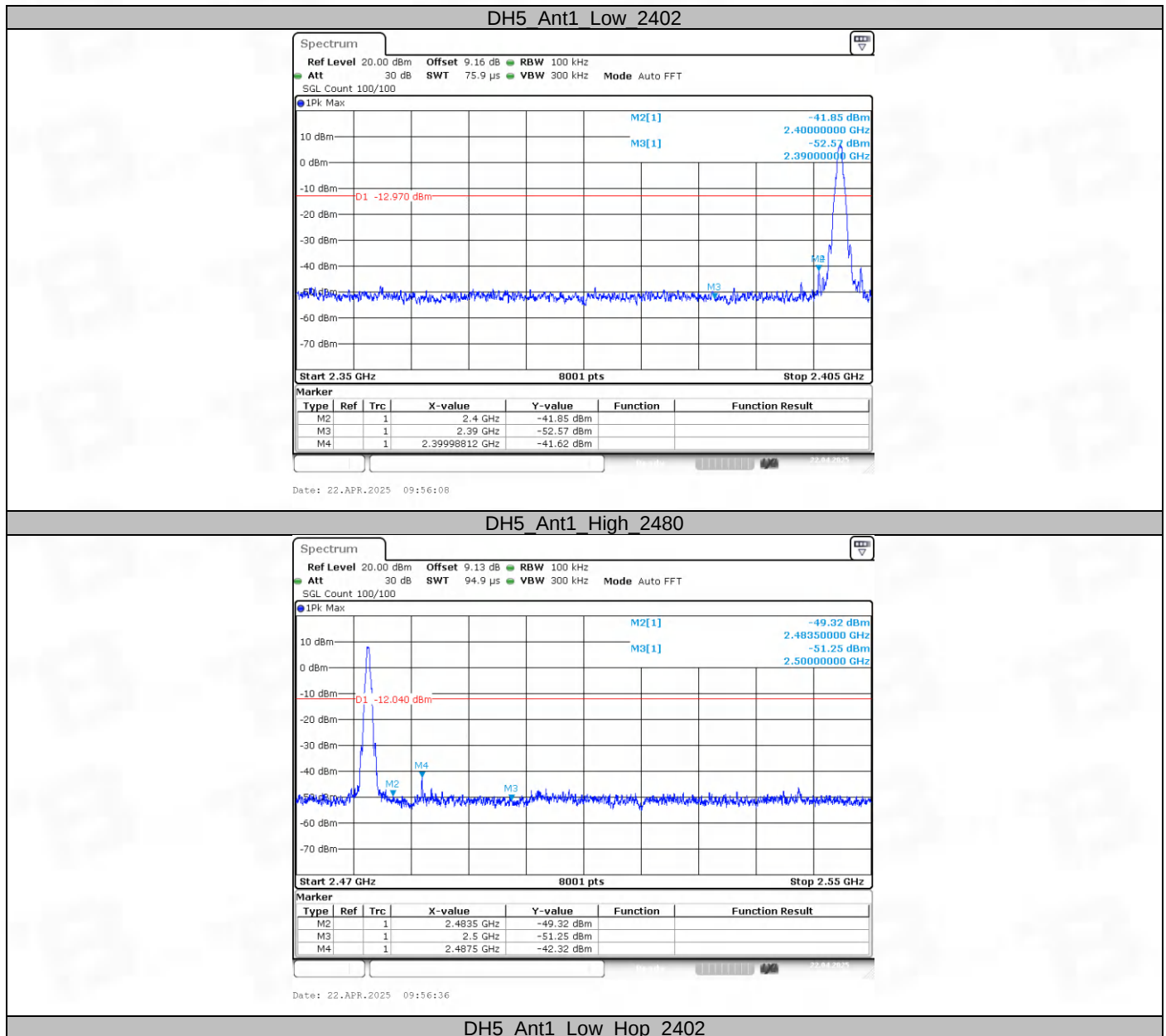


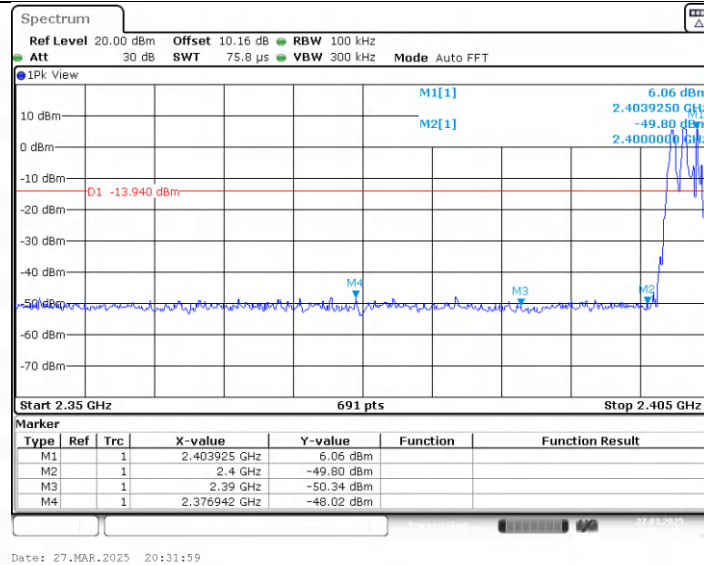
1.8 Appendix H: Band edge measurements

1.8.1 Test Result

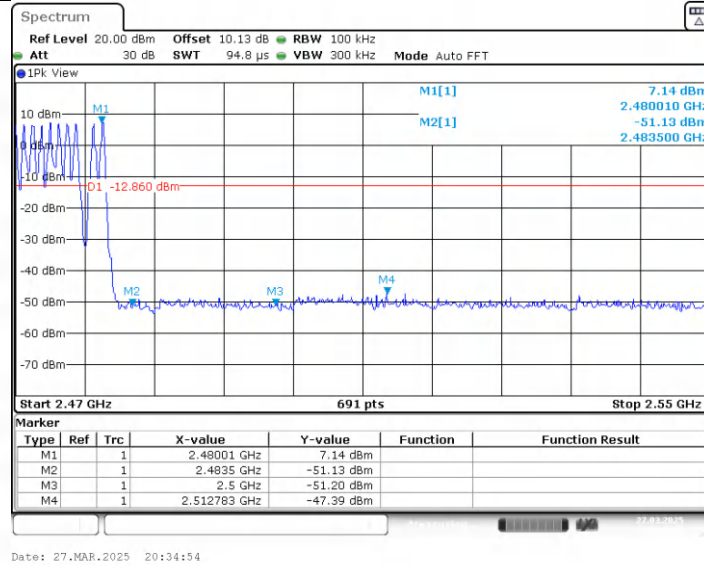
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	7.03	-41.62	≤ -12.97	PASS
		High	2480	7.96	-42.32	≤ -12.04	PASS
		Low	Hop_2402	6.06	-48.02	≤ -13.94	PASS
		High	Hop_2480	7.14	-47.39	≤ -12.86	PASS
2DH5	Ant1	Low	2402	6.45	-36.56	≤ -13.55	PASS
		High	2480	6.91	-43.26	≤ -13.09	PASS
		Low	Hop_2402	4.42	-42.03	≤ -15.58	PASS
		High	Hop_2480	6.26	-47.37	≤ -13.74	PASS
3DH5	Ant1	Low	2402	6.41	-36.53	≤ -13.59	PASS
		High	2480	6.97	-46.78	≤ -13.03	PASS
		Low	Hop_2402	3.80	-41.08	≤ -16.2	PASS
		High	Hop_2480	4.19	-47.64	≤ -15.81	PASS

1.8.2 Test Graphs

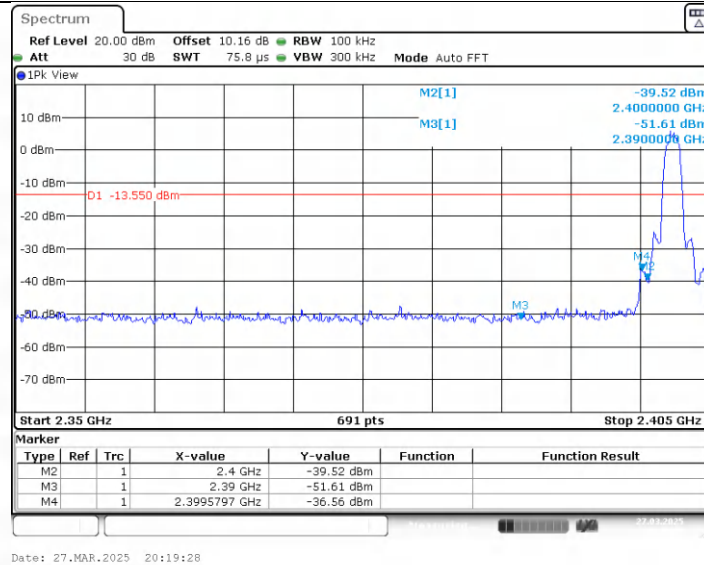




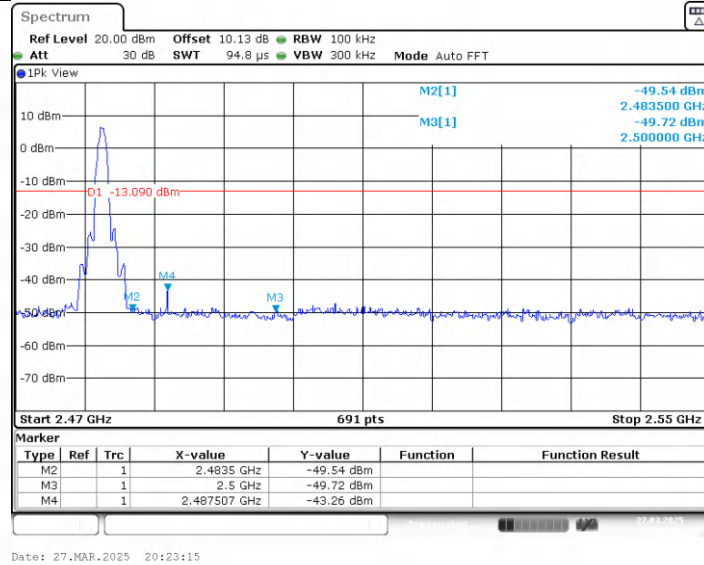
DH5 Ant1 High Hop 2480



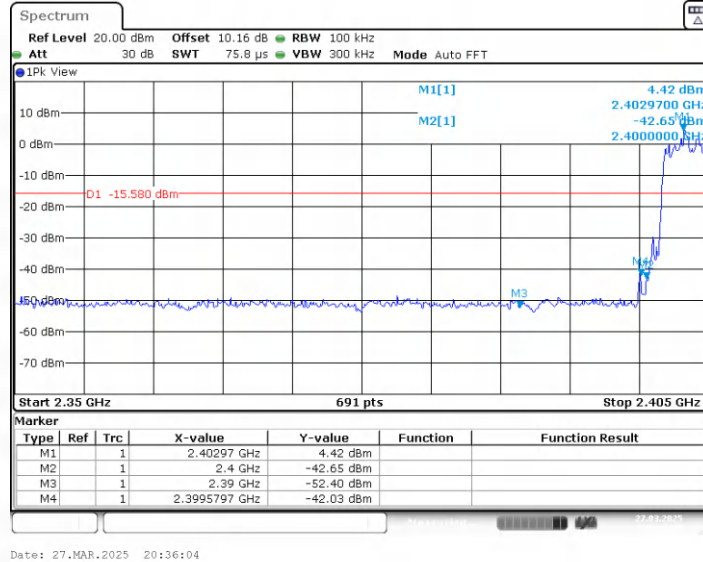
2DH5 Ant1 Low 2402



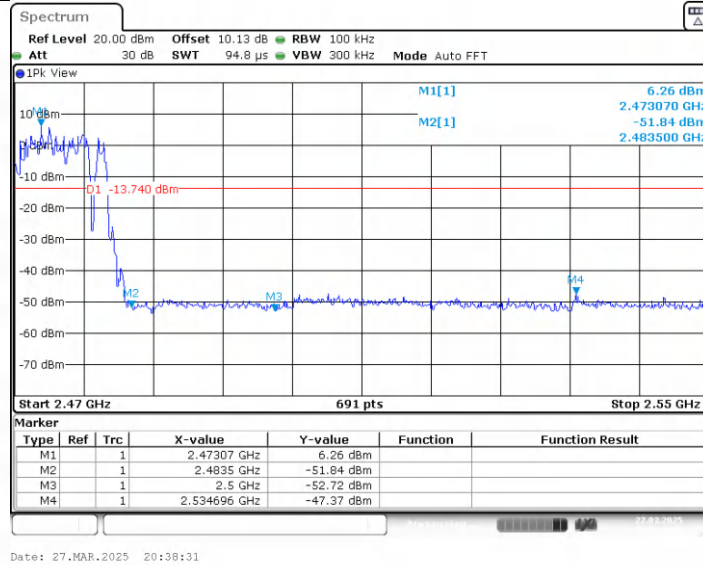
2DH5 Ant1 High 2480



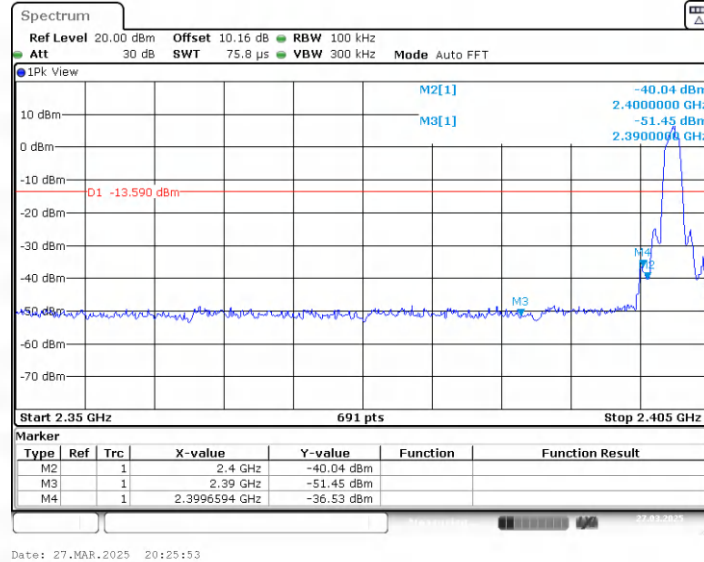
2DH5 Ant1 Low Hop 2402



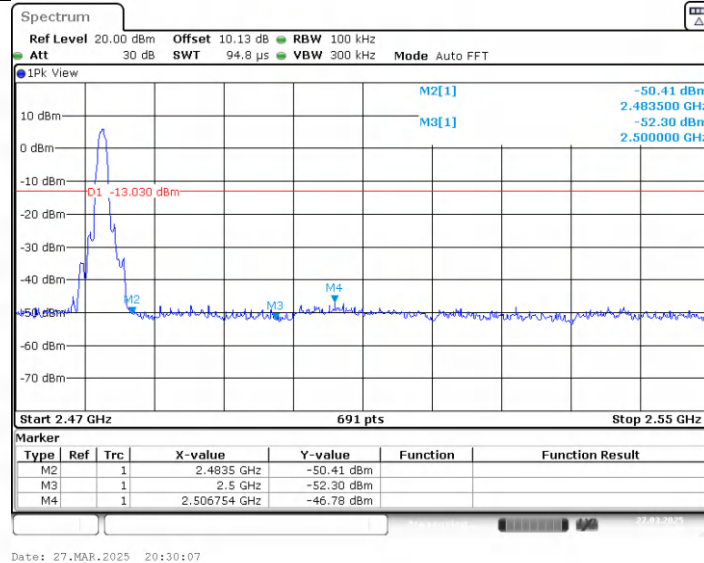
2DH5 Ant1 High Hop 2480



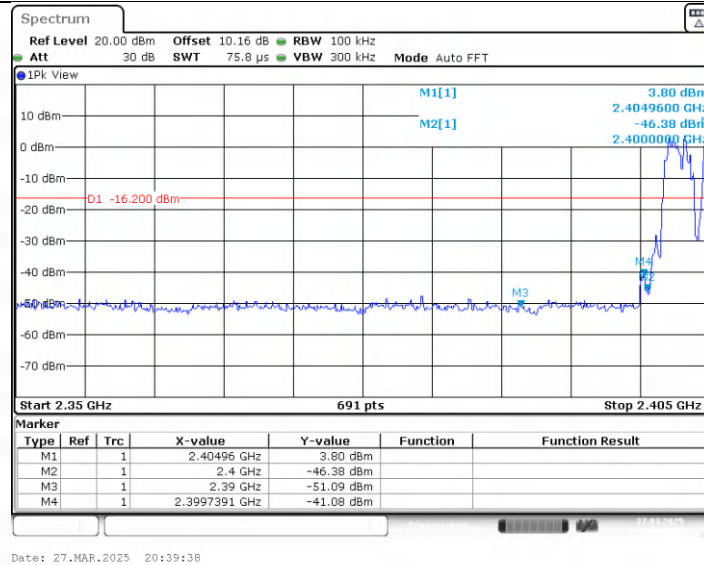
3DH5 Ant1 Low 2402



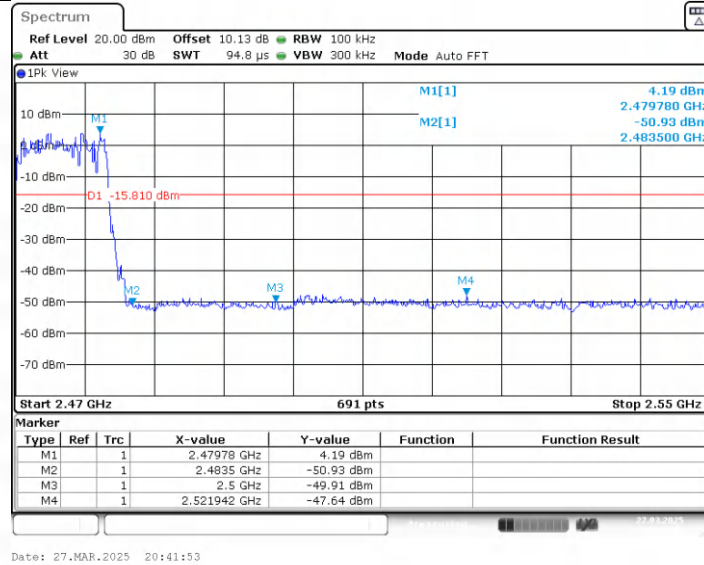
3DH5 Ant1 High 2480



3DH5 Ant1 Low Hop 2402



3DH5 Ant1 High Hop 2480

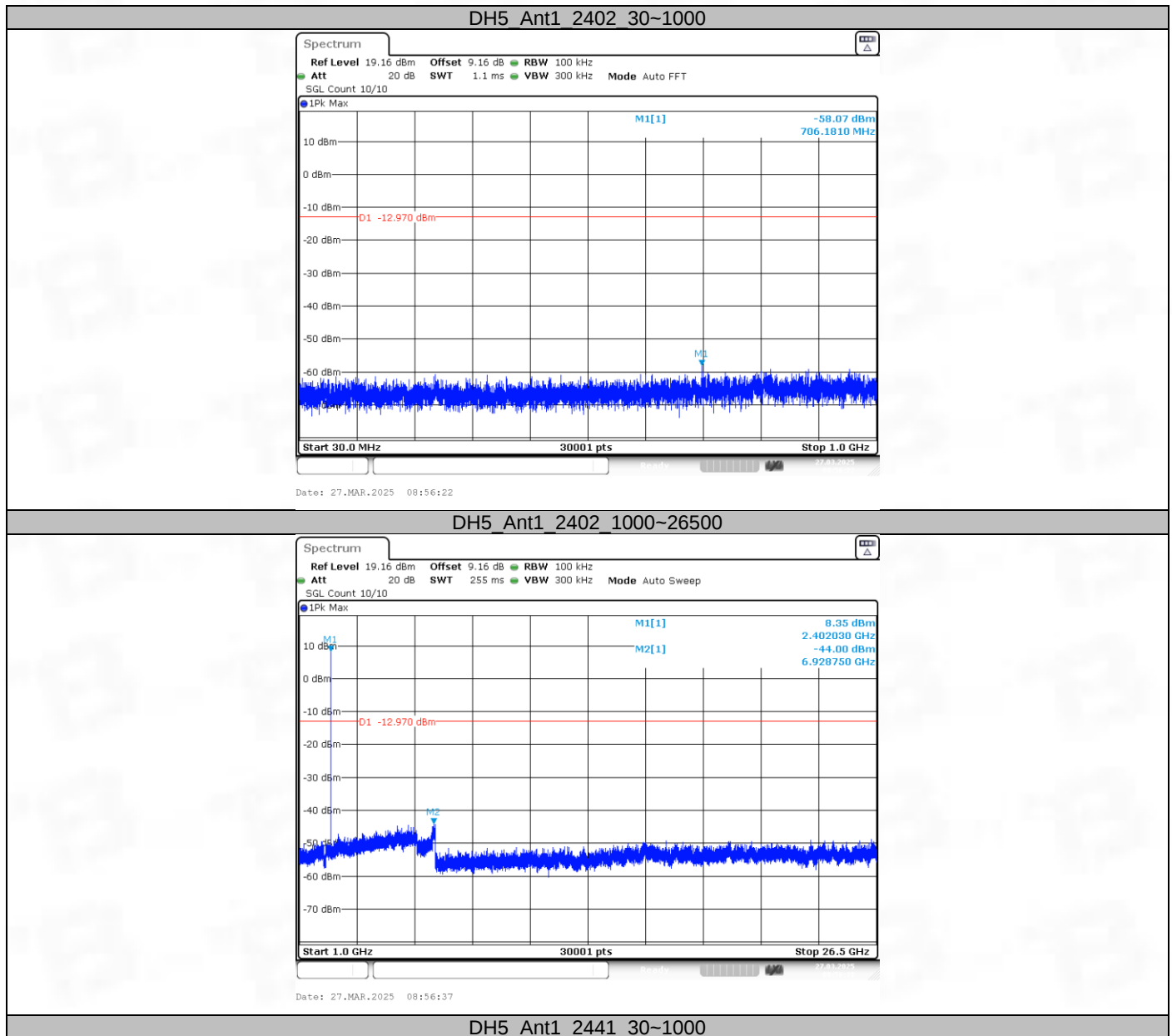


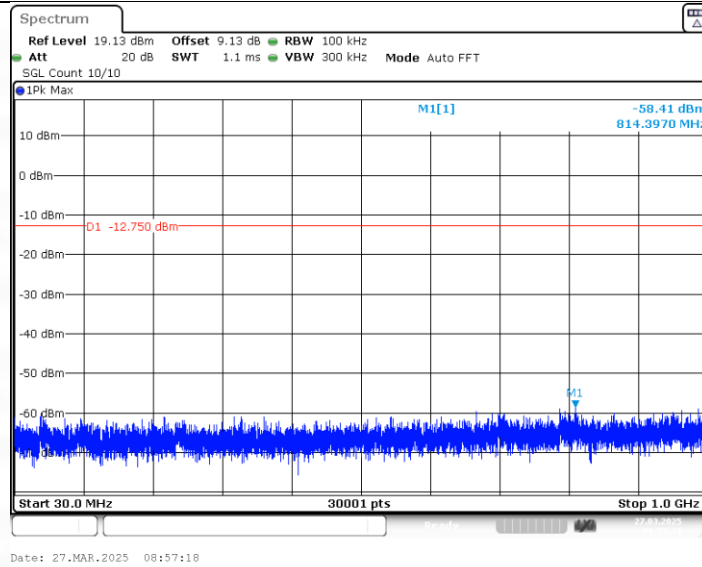
1.9 Appendix I: Conducted Spurious Emission

1.9.1 Test Result

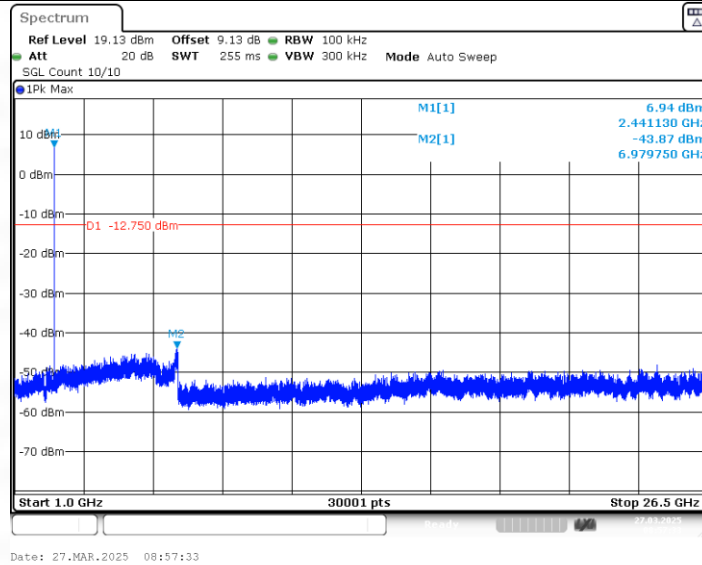
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~1000	7.03	-58.07	≤-12.97	PASS
			1000~26500	7.03	-44	≤-12.97	PASS
		2441	30~1000	7.25	-58.41	≤-12.75	PASS
			1000~26500	7.25	-43.87	≤-12.75	PASS
		2480	30~1000	7.96	-58.97	≤-12.04	PASS
			1000~26500	7.96	-43.92	≤-12.04	PASS
2DH5	Ant1	2402	30~1000	6.45	-49.53	≤-13.55	PASS
			1000~26500	6.45	-44.12	≤-13.55	PASS
		2441	30~1000	6.47	-59.15	≤-13.53	PASS
			1000~26500	6.47	-43.4	≤-13.53	PASS
		2480	30~1000	6.91	-58.85	≤-13.09	PASS
			1000~26500	6.91	-44.47	≤-13.09	PASS
3DH5	Ant1	2402	30~1000	6.41	-58.89	≤-13.59	PASS
			1000~26500	6.41	-43.98	≤-13.59	PASS
		2441	30~1000	6.42	-57.51	≤-13.58	PASS
			1000~26500	6.42	-44.44	≤-13.58	PASS
		2480	30~1000	6.97	-59.09	≤-13.03	PASS
			1000~26500	6.97	-43.5	≤-13.03	PASS

1.9.2 Test Graphs

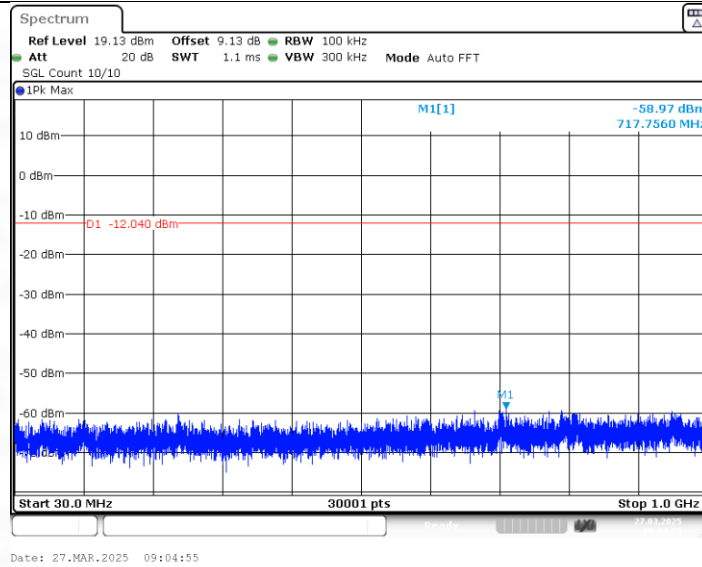




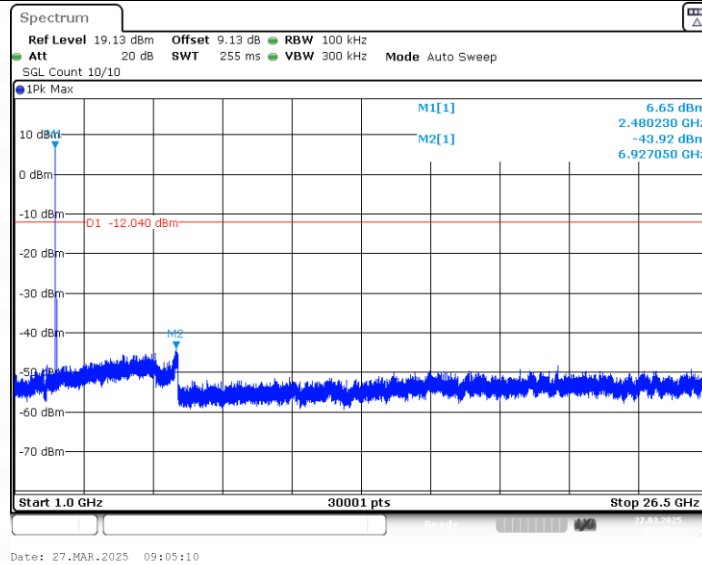
DH5 Ant1 2441 1000~26500



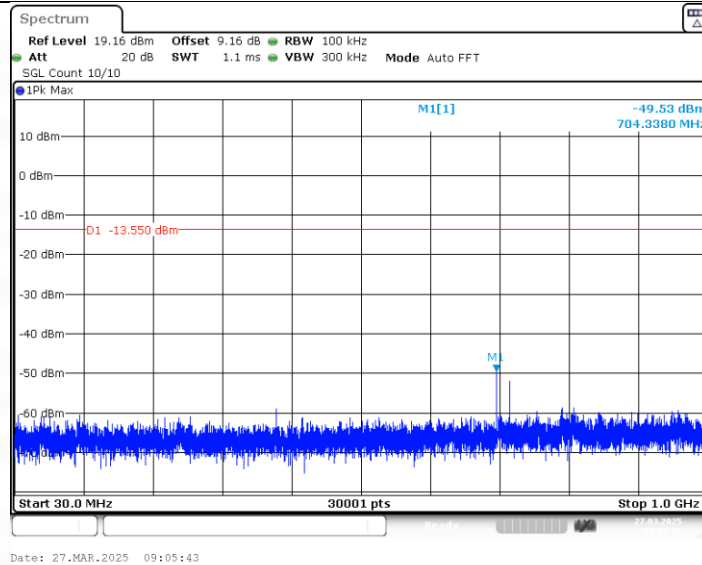
DH5 Ant1 2480 30~1000



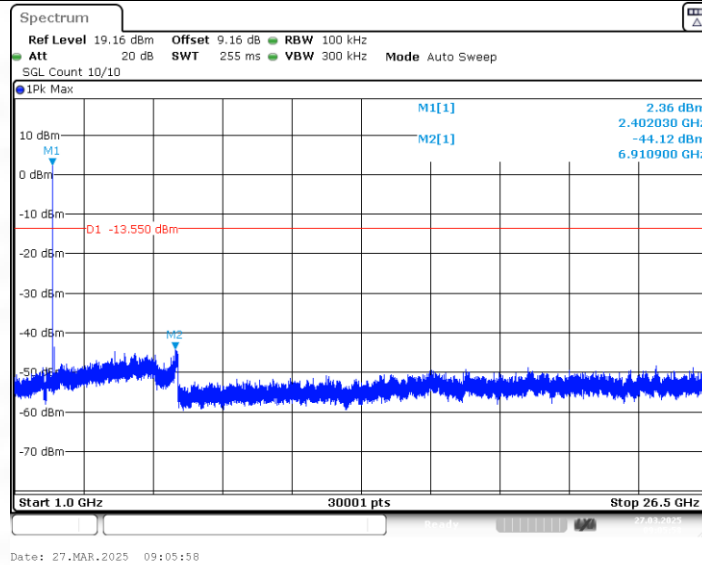
DH5 Ant1 2480 1000~26500



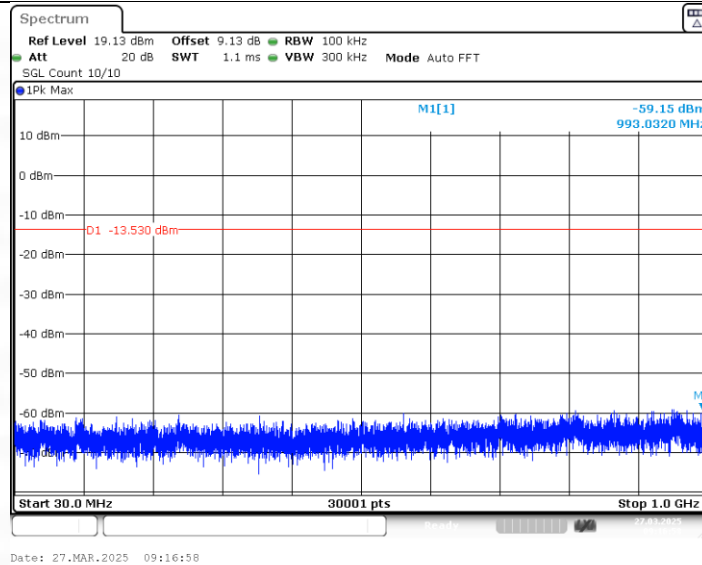
2DH5 Ant1 2402 30~1000



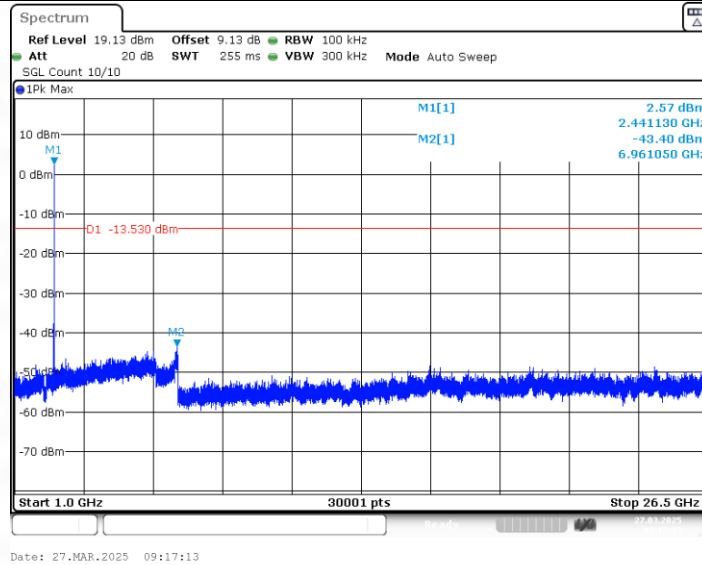
2DH5_Ant1_2402_1000~26500



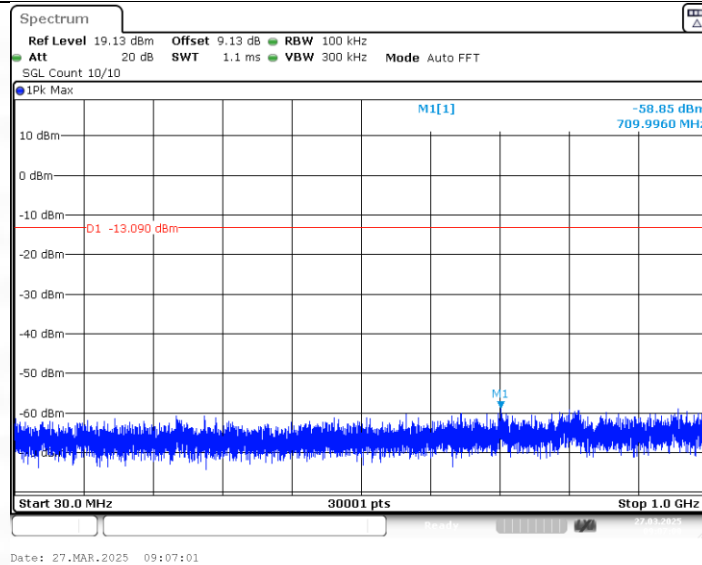
2DH5_Ant1_2441_30~1000



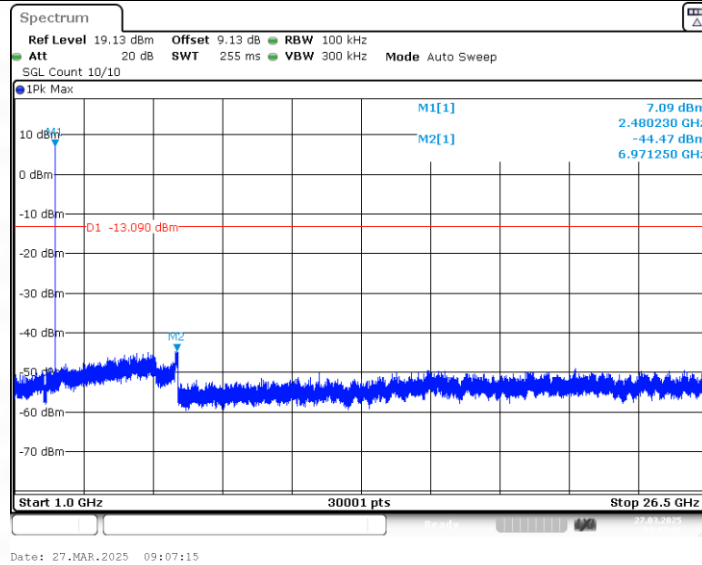
2DH5_Ant1_2441_1000~26500



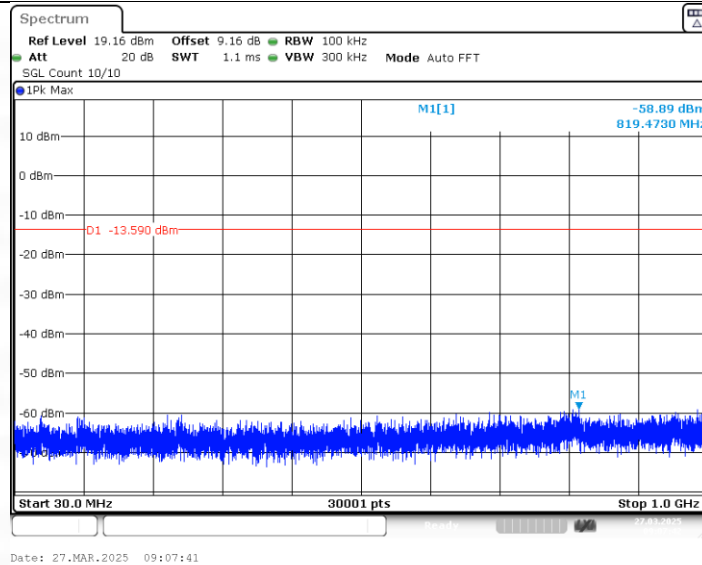
2DH5_Ant1_2480_30~1000



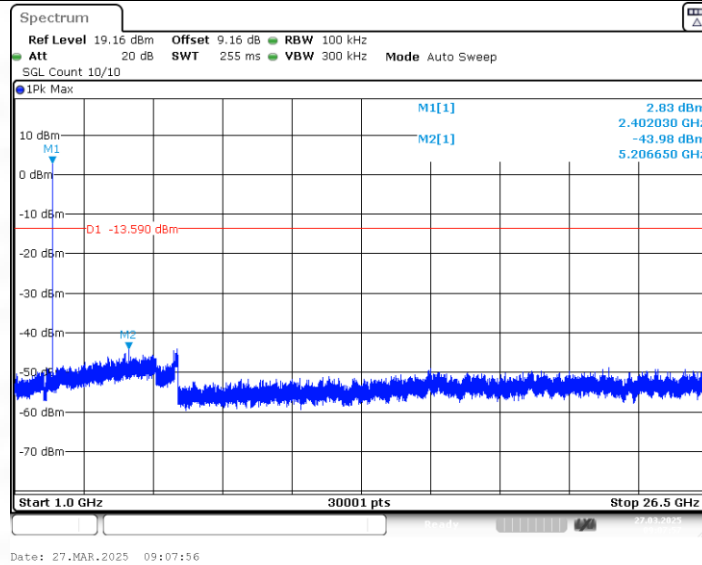
2DH5_Ant1 2480 1000~26500



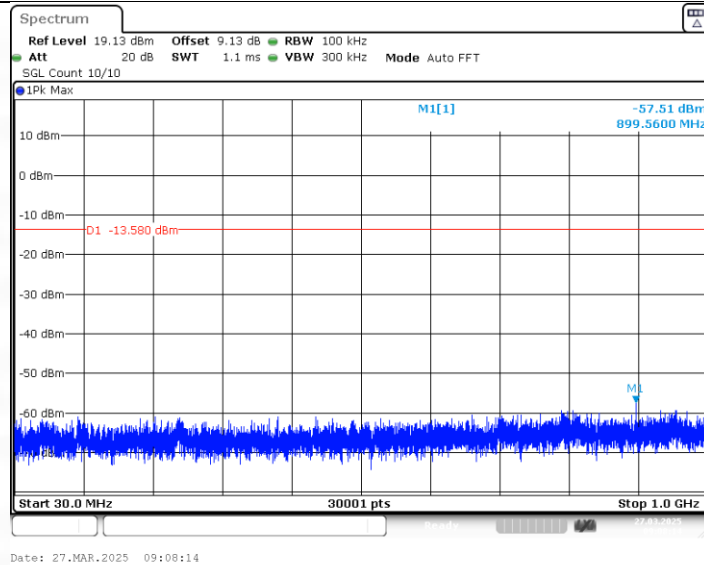
3DH5_Ant1 2402 30~1000



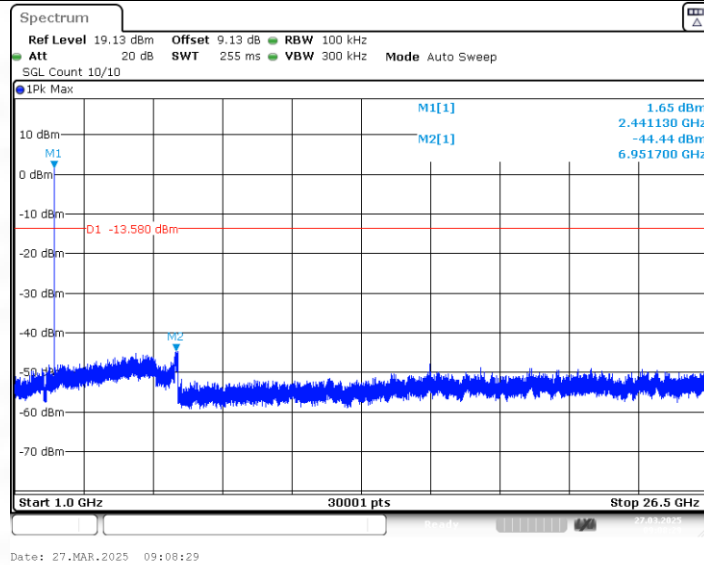
3DH5_Ant1_2402_1000~26500



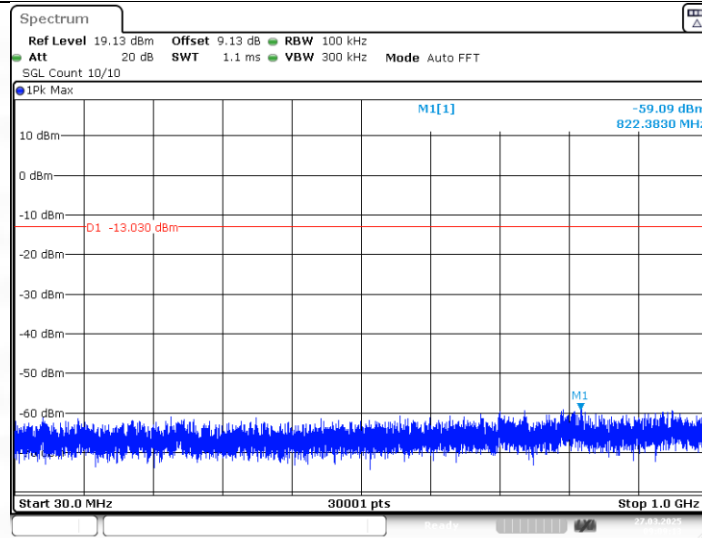
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

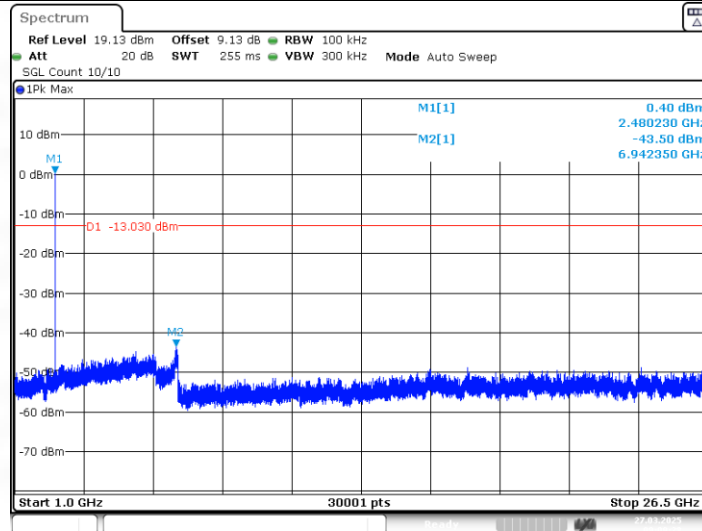


3DH5_Ant1_2480_30~1000



Date: 27.MAR.2025 09:09:13

3DH5 Ant1 2480 1000~26500



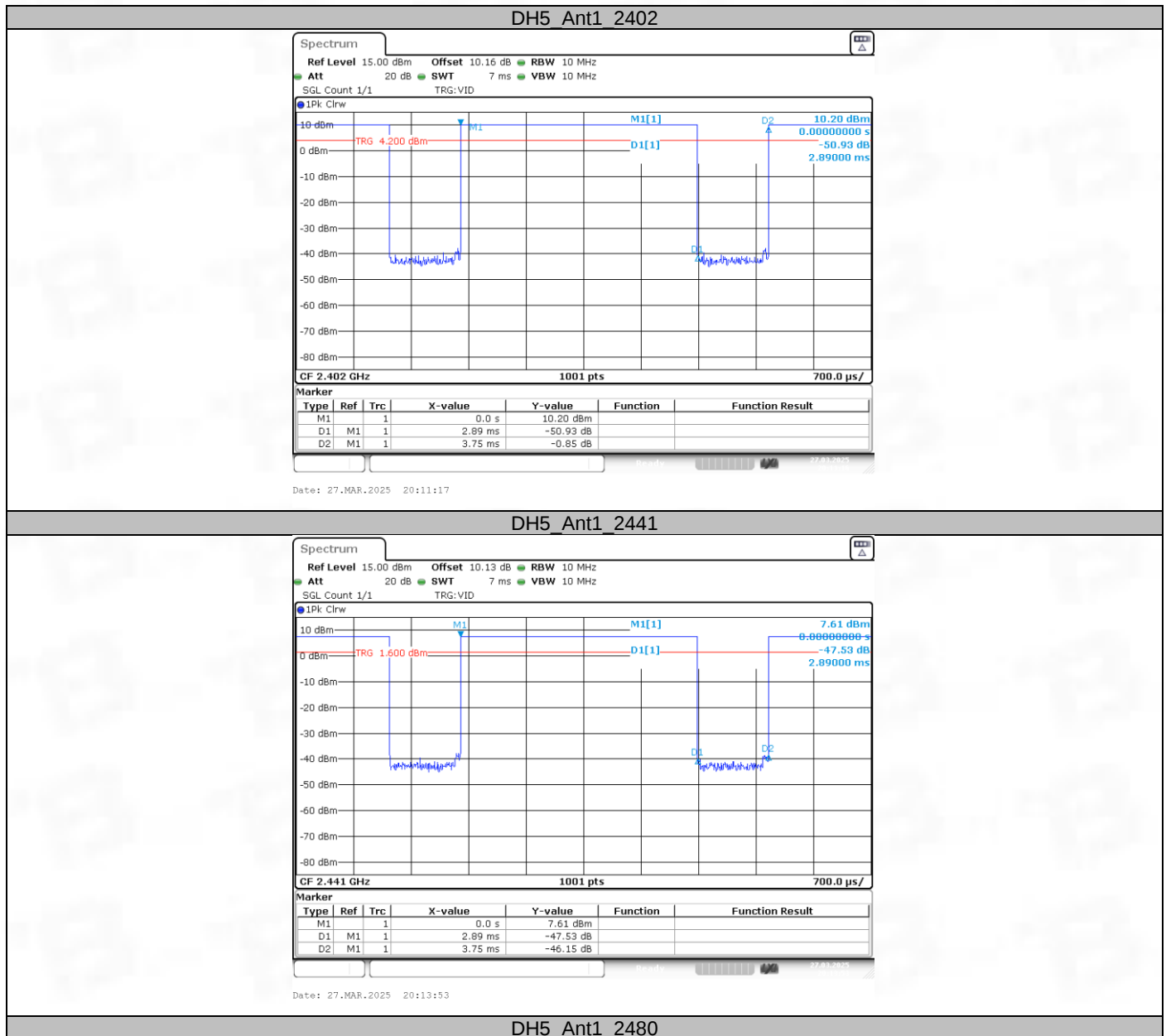
Date: 27.MAR.2025 09:09:28

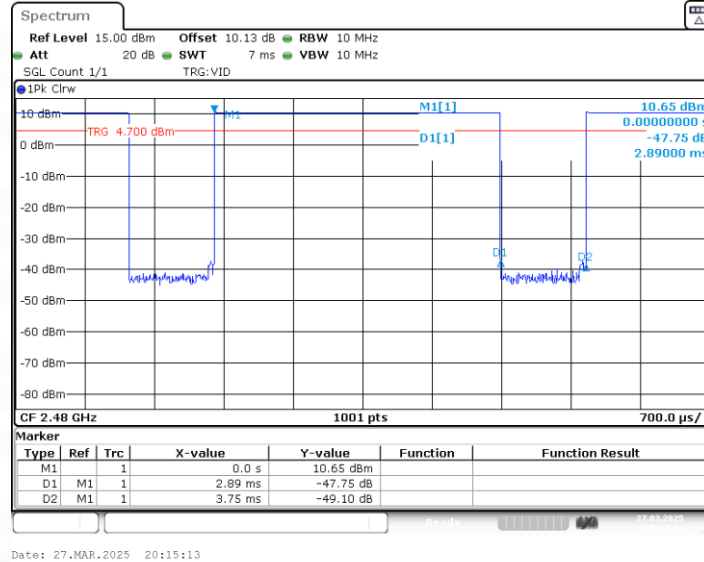
1.10 Appendix J: Duty Cycle

1.10.1 Test Result

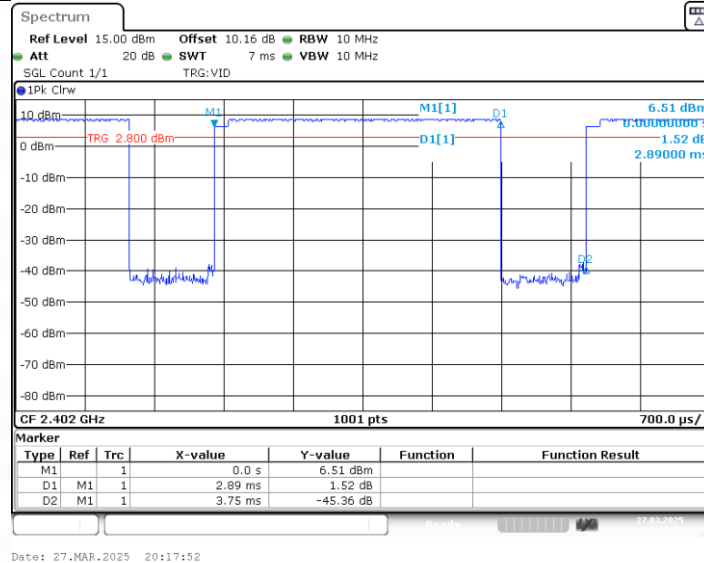
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.89	3.75	77.07	1.13	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.89	3.75	77.07	1.13	---	---
2DH5	Ant1	2402	2.89	3.75	77.07	1.13	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.89	3.75	77.07	1.13	---	---
3DH5	Ant1	2402	2.89	3.76	76.86	1.14	---	---
		2441	2.90	3.76	77.13	1.13	---	---
		2480	2.90	3.76	77.13	1.13	---	---

1.10.2 Test Graphs

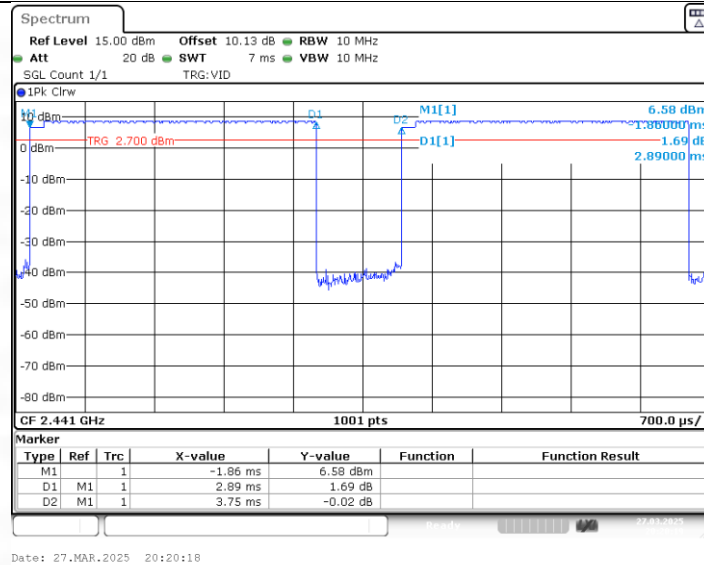




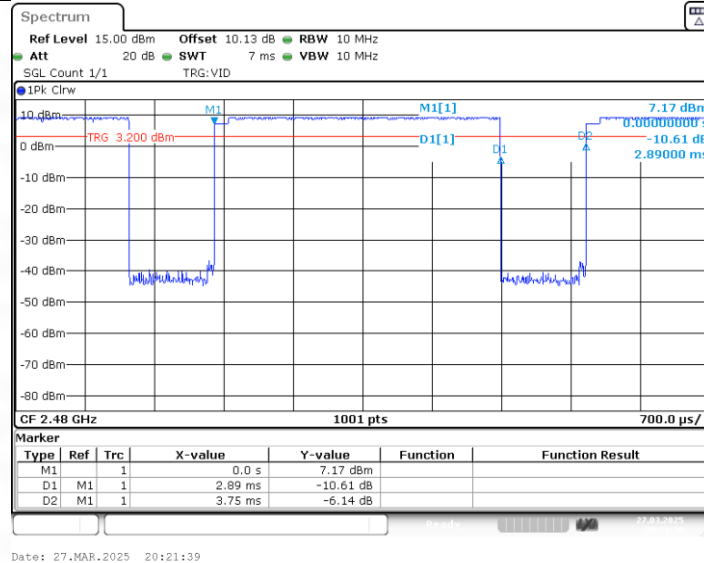
2DH5 Ant1 2402



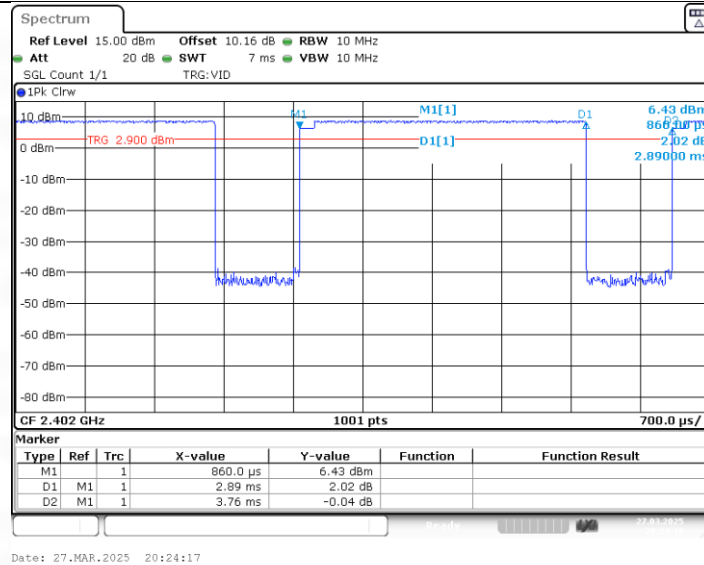
2DH5 Ant1 2441



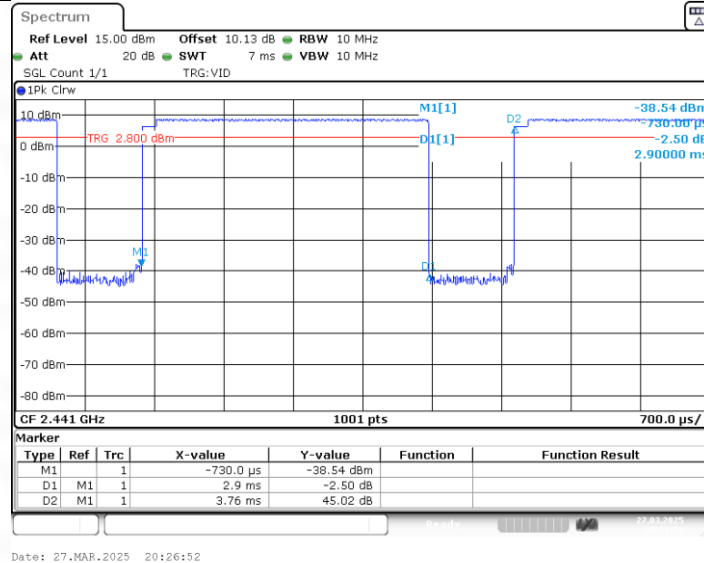
2DH5_Ant1_2480



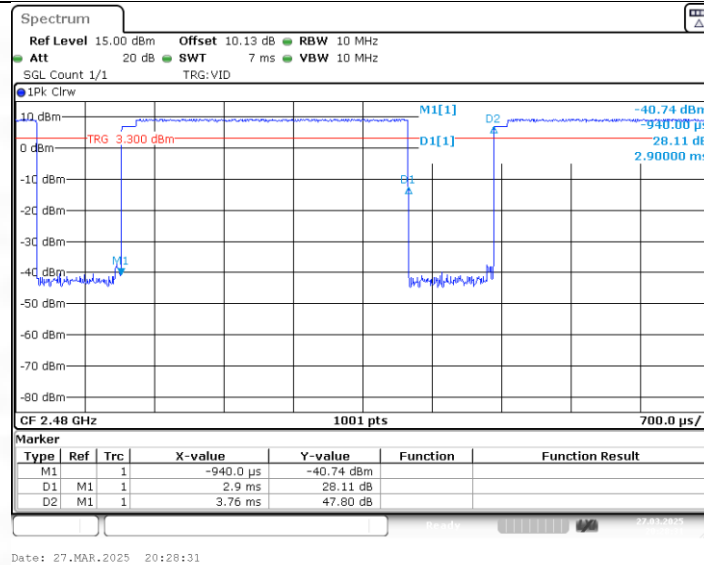
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



1.11 Appendix K: Emissions in Restricted Bands

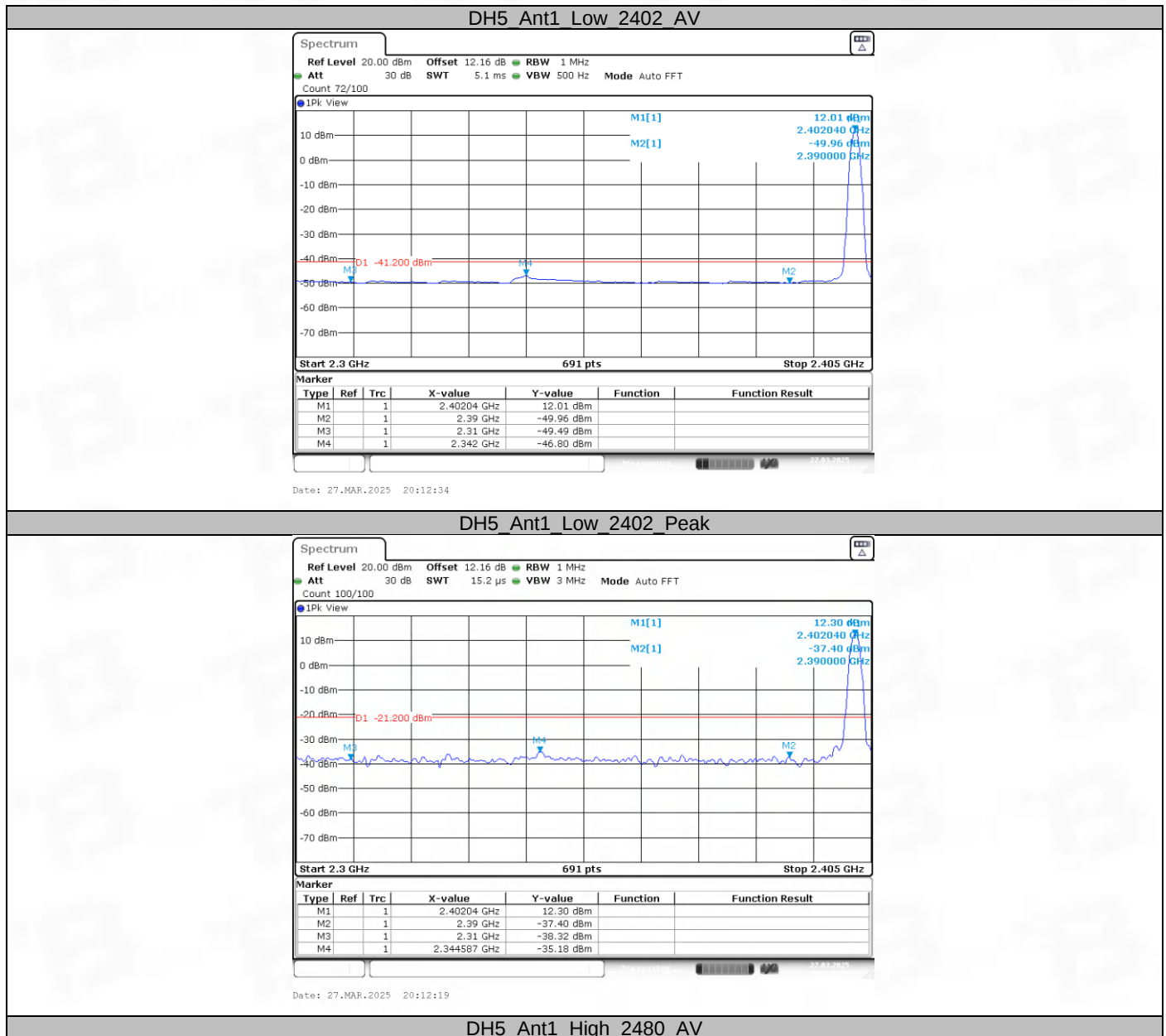
1.11.1 Test Result

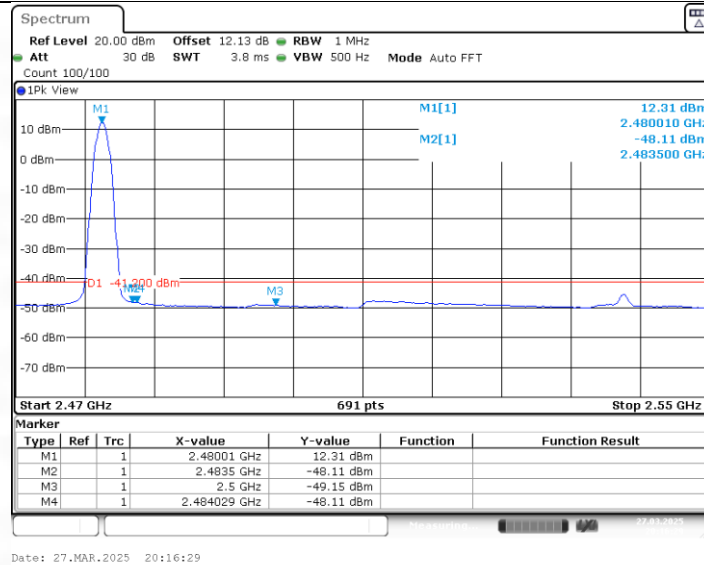
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]
DH5	Ant1	Low	2402	AV	2310.000	-49.49	≤-41.20	45.71	≤54
				AV	2342.000	-46.8	≤-41.20	48.40	≤54
				AV	2390.000	-49.96	≤-41.20	45.24	≤54
				Peak	2310.000	-38.32	≤-21.20	56.88	≤74
				Peak	2344.587	-35.18	≤-21.20	60.02	≤74
				Peak	2390.000	-37.4	≤-21.20	57.80	≤74
		High	2480	AV	2483.500	-48.11	≤-41.20	47.09	≤54
				AV	2484.029	-48.11	≤-41.20	47.09	≤54
				AV	2500.000	-49.15	≤-41.20	46.05	≤54
				Peak	2483.500	-38.59	≤-21.20	56.61	≤74
				Peak	2487.043	-36.46	≤-21.20	58.74	≤74
				Peak	2500.000	-38.36	≤-21.20	56.84	≤74
		Low	Hop_2402	Peak	2310.000	-38.79	≤-21.20	56.41	≤74
				Peak	2342.152	-35.1	≤-21.20	60.10	≤74
				Peak	2390.000	-38.77	≤-21.20	56.43	≤74
		High	Hop_2480	Peak	2483.500	-39.65	≤-21.20	55.55	≤74
				Peak	2484.957	-35.97	≤-21.20	59.23	≤74
				Peak	2500.000	-38.98	≤-21.20	56.22	≤74
2DH5	Ant1	Low	2402	AV	2310.000	-49.7	≤-41.20	45.50	≤54
				AV	2341.543	-47.43	≤-41.20	47.77	≤54
				AV	2390.000	-49.48	≤-41.20	45.72	≤54
				Peak	2310.000	-38.08	≤-21.20	57.12	≤74
				Peak	2340.174	-36.1	≤-21.20	59.10	≤74
				Peak	2390.000	-37.89	≤-21.20	57.31	≤74
		High	2480	AV	2483.500	-46.77	≤-41.20	48.43	≤54
				AV	2483.565	-47.37	≤-41.20	47.83	≤54
				AV	2500.000	-48.99	≤-41.20	46.21	≤54
				Peak	2483.500	-38.13	≤-21.20	57.07	≤74
				Peak	2499.913	-36.94	≤-21.20	58.26	≤74
				Peak	2500.000	-37.04	≤-21.20	58.16	≤74
		Low	Hop_2402	Peak	2310.000	-38.48	≤-21.20	56.72	≤74
				Peak	2321.457	-36.17	≤-21.20	59.03	≤74
				Peak	2390.000	-39.58	≤-21.20	55.62	≤74
		High	Hop_2480	Peak	2483.500	-39.92	≤-21.20	55.28	≤74
				Peak	2489.942	-36.82	≤-21.20	58.38	≤74
				Peak	2500.000	-38.77	≤-21.20	56.43	≤74
3DH5	Ant1	Low	2402	AV	2310.000	-49.62	≤-41.20	45.58	≤54
				AV	2341.848	-47.5	≤-41.20	47.70	≤54
				AV	2390.000	-49.72	≤-41.20	45.48	≤54
				Peak	2310.000	-37.71	≤-21.20	57.49	≤74
				Peak	2343.522	-35.86	≤-21.20	59.34	≤74
				Peak	2390.000	-38.63	≤-21.20	56.57	≤74
		High	2480	AV	2483.500	-46.73	≤-41.20	48.47	≤54
				AV	2483.565	-47.22	≤-41.20	47.98	≤54
				AV	2500.000	-49.17	≤-41.20	46.03	≤54
				Peak	2483.500	-34.2	≤-21.20	61.00	≤74
				Peak	2483.565	-34.43	≤-21.20	60.77	≤74
				Peak	2500.000	-37.89	≤-21.20	57.31	≤74
		Low	Hop_2402	Peak	2310.000	-38.8	≤-21.20	56.40	≤74
				Peak	2342.609	-36.6	≤-21.20	58.60	≤74
				Peak	2390.000	-38.91	≤-21.20	56.29	≤74
		High	Hop_2480	Peak	2483.500	-39.04	≤-21.20	56.16	≤74
				Peak	2488.899	-36.77	≤-21.20	58.43	≤74
				Peak	2500.000	-38.25	≤-21.20	56.95	≤74

Note:

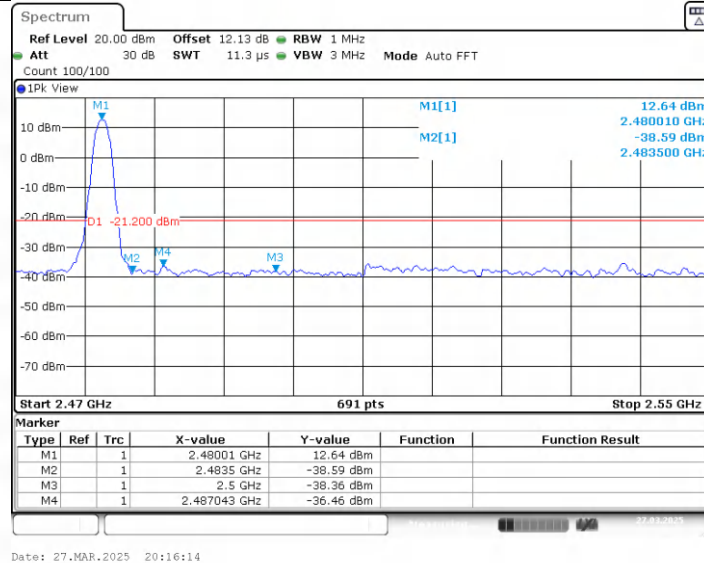
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

1.11.2 Test Graphs

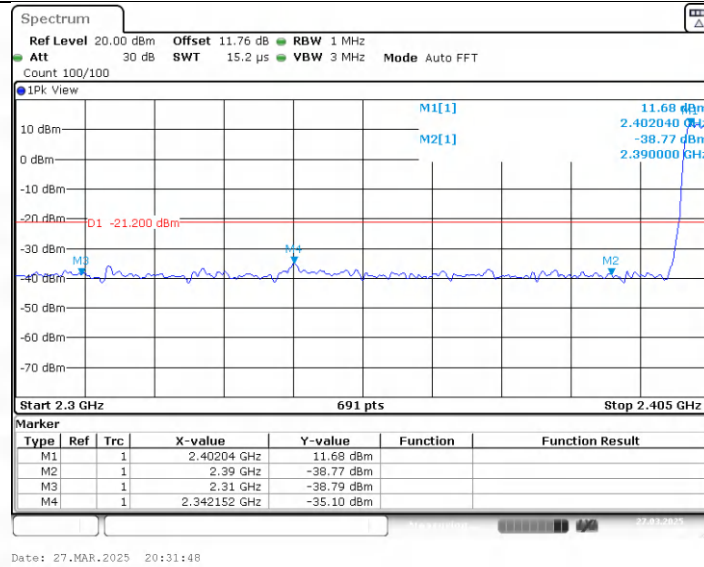




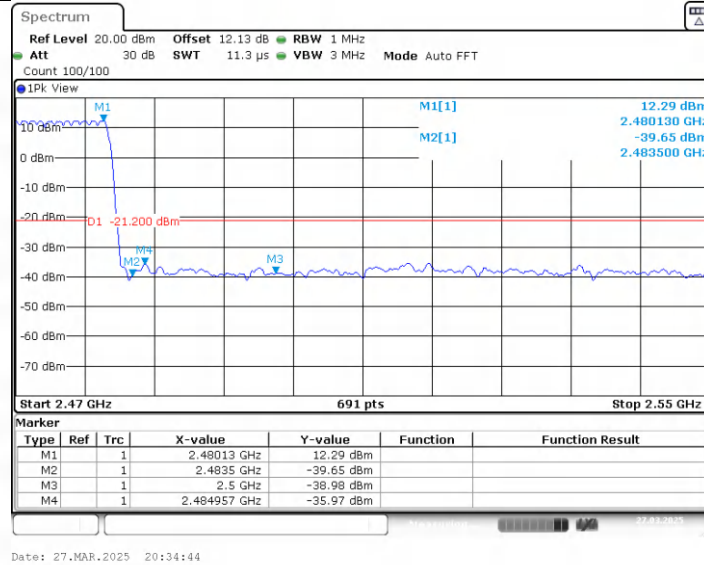
DH5 Ant1 High 2480 Peak



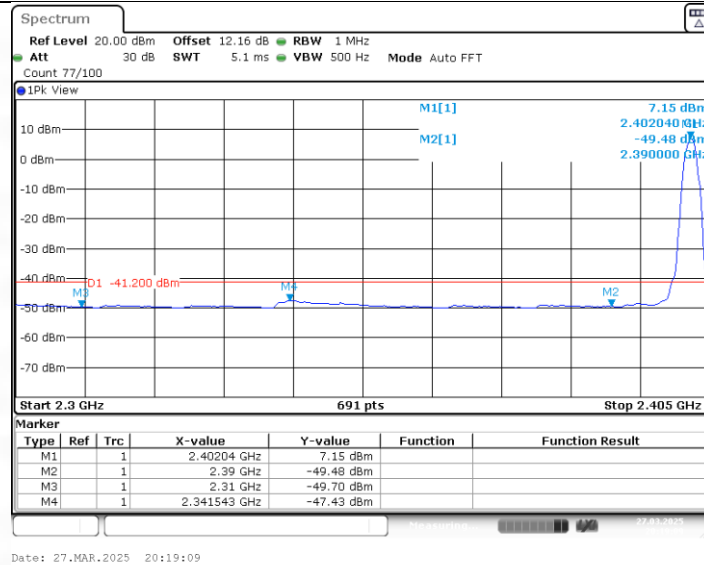
DH5 Ant1 Low Hop 2402 Peak



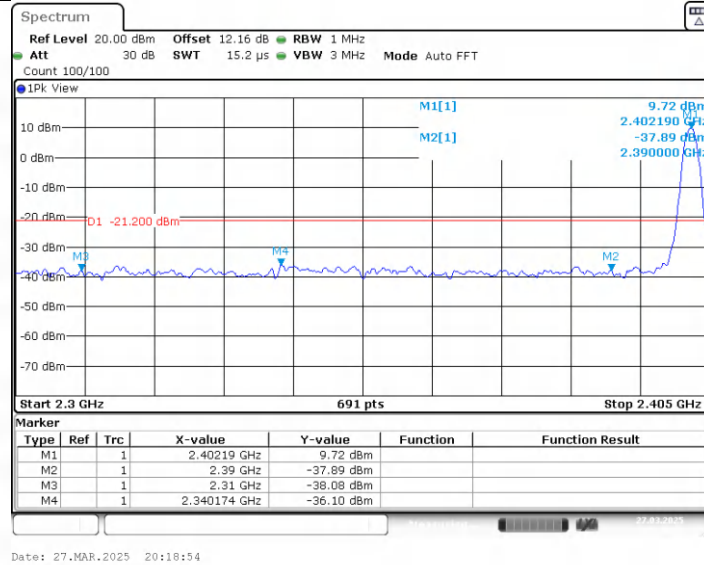
DH5 Ant1 High Hop 2480 Peak



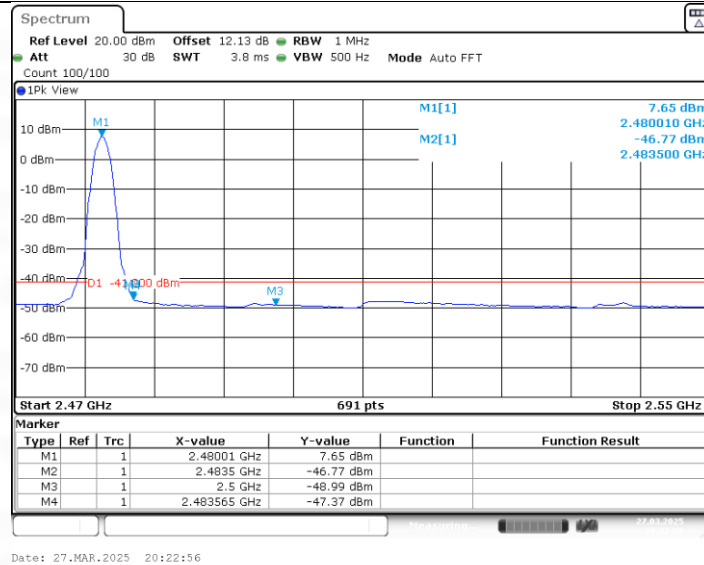
2DH5 Ant1 Low 2402_AV



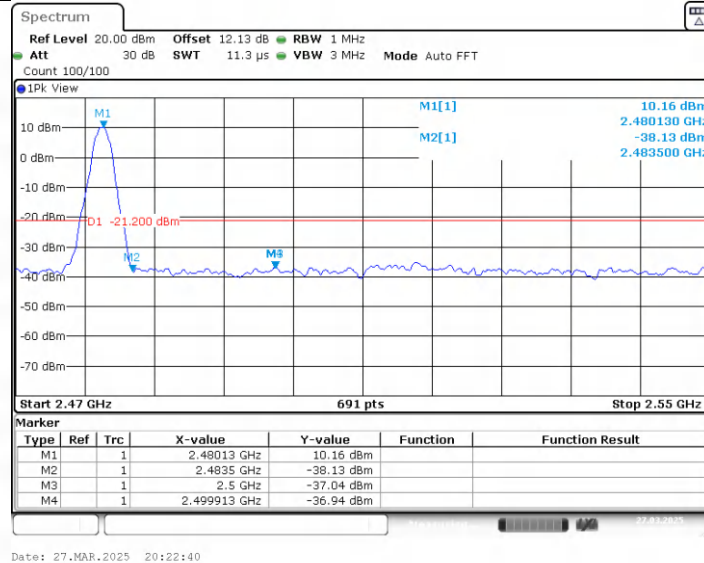
2DH5 Ant1 Low 2402 Peak



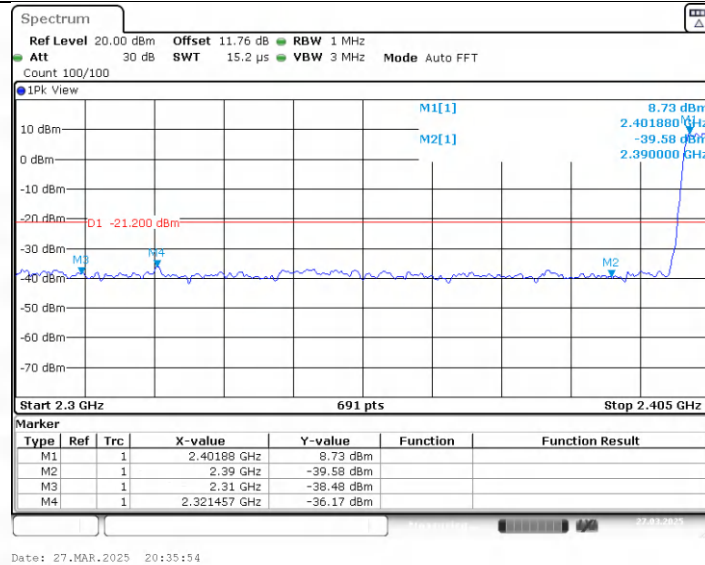
2DH5 Ant1 High 2480 AV



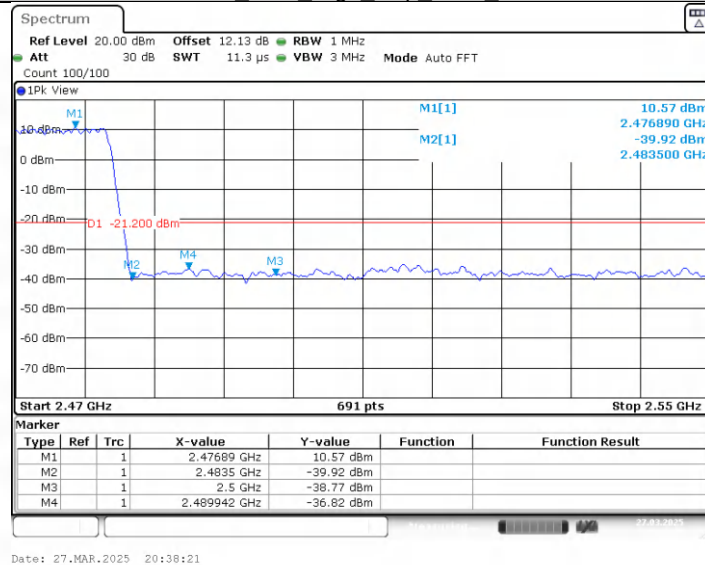
2DH5 Ant1 High 2480 Peak



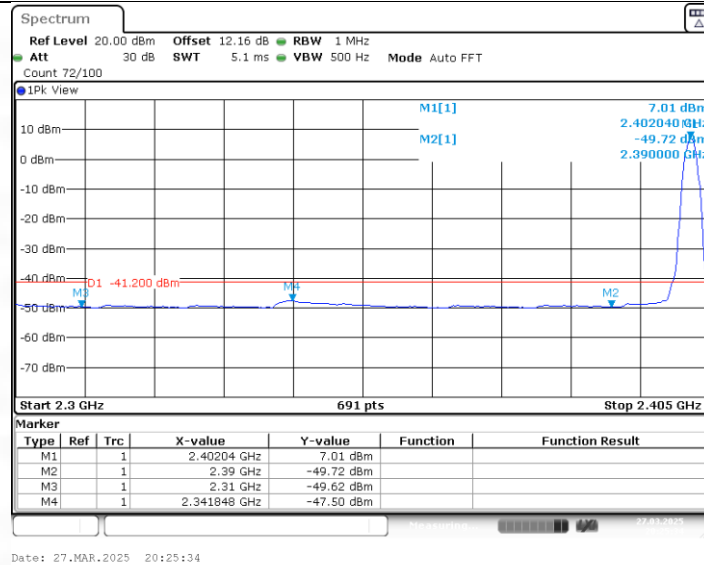
2DH5 Ant1 Low Hop 2402 Peak



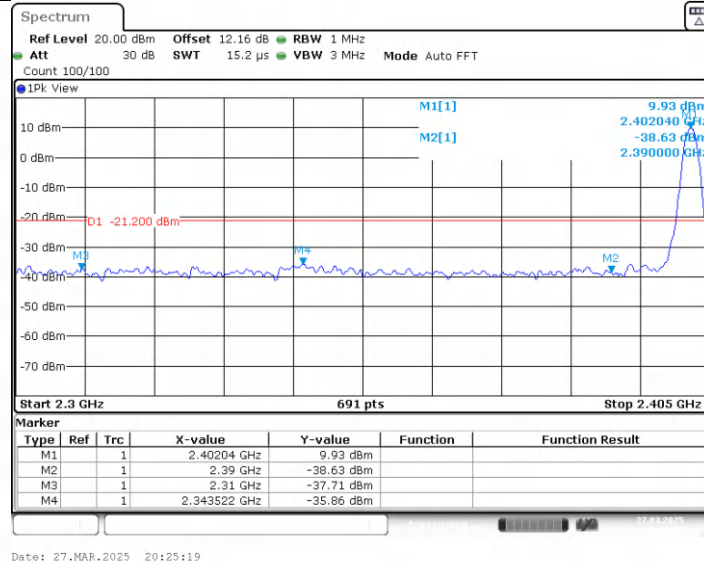
2DH5_Ant1_High_Hop_2480_Peak



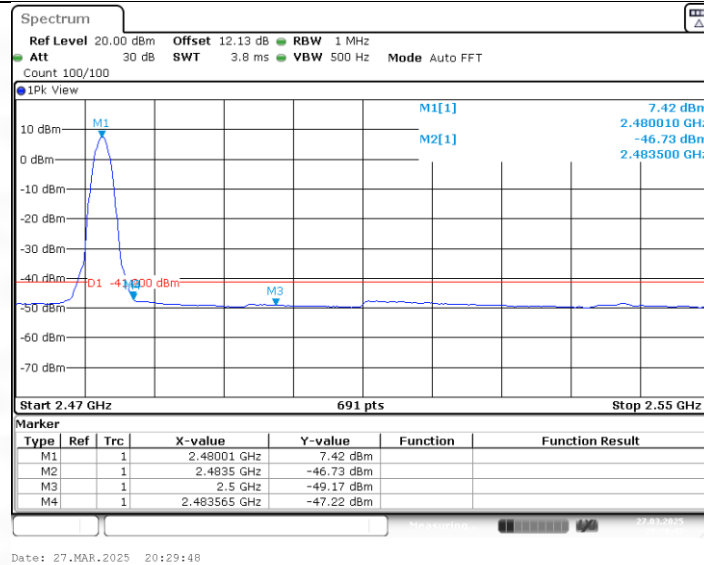
3DH5_Ant1_Low_2402_AV



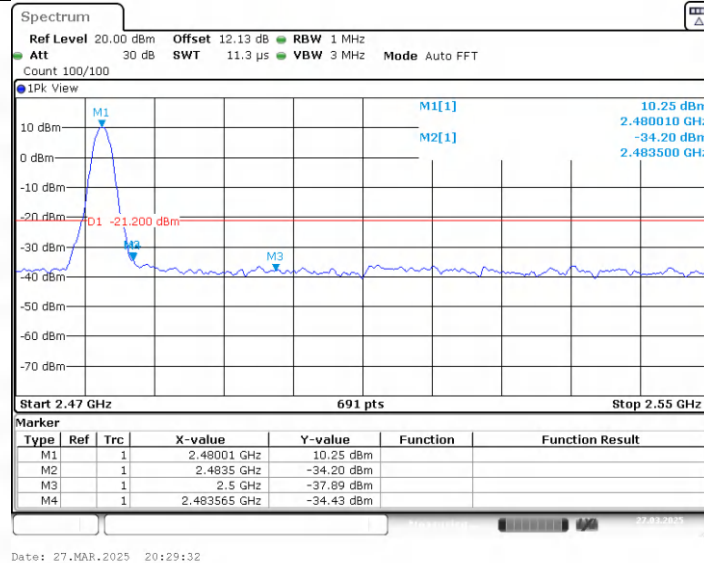
3DH5 Ant1 Low 2402 Peak



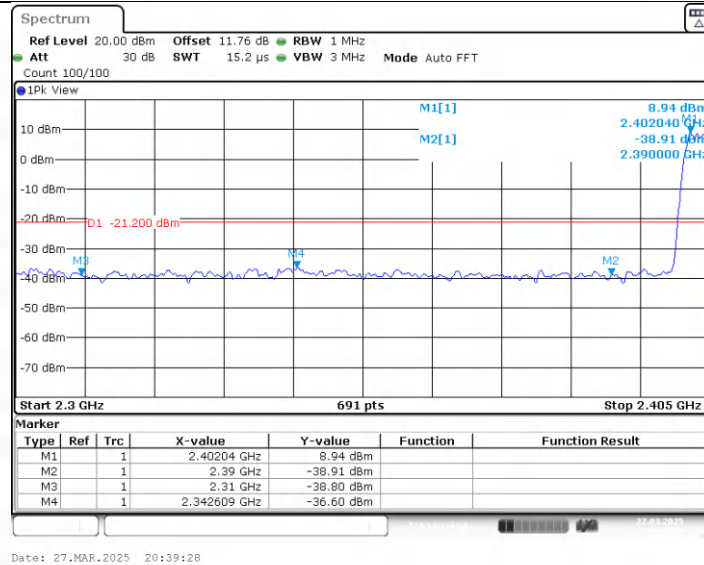
3DH5 Ant1 High 2480 AV



3DH5 Ant1 High 2480 Peak



3DH5 Ant1 Low Hop 2402 Peak



3DH5 Ant1 High Hop 2480 Peak

