

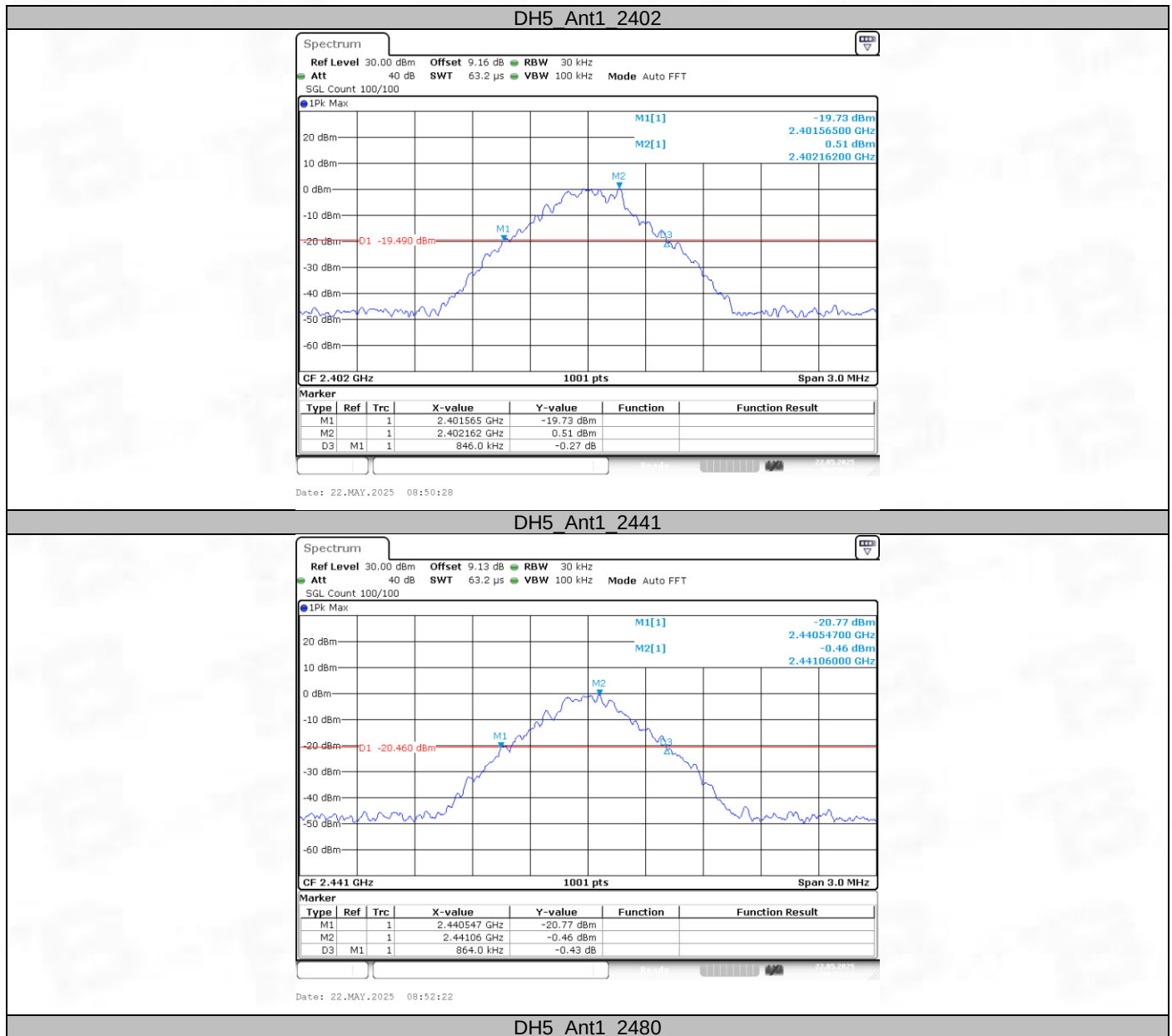
Appendix-BT

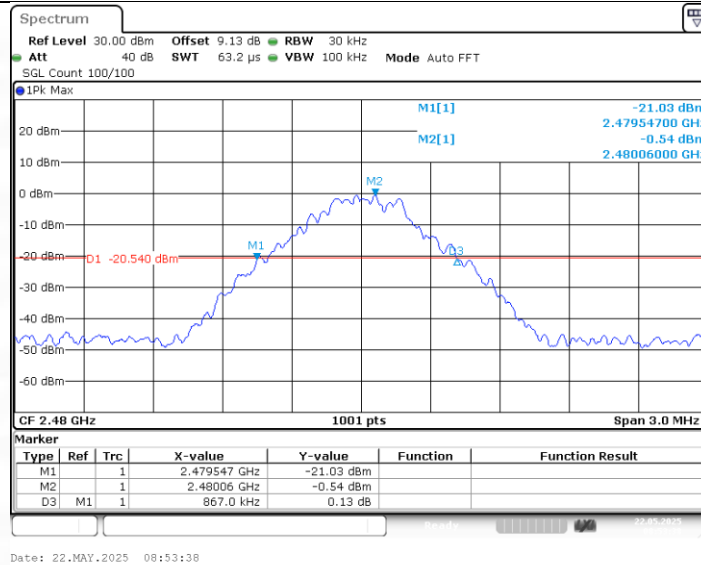
1.1 Appendix A: 20dB Emission Bandwidth

1.1.1 Test Result

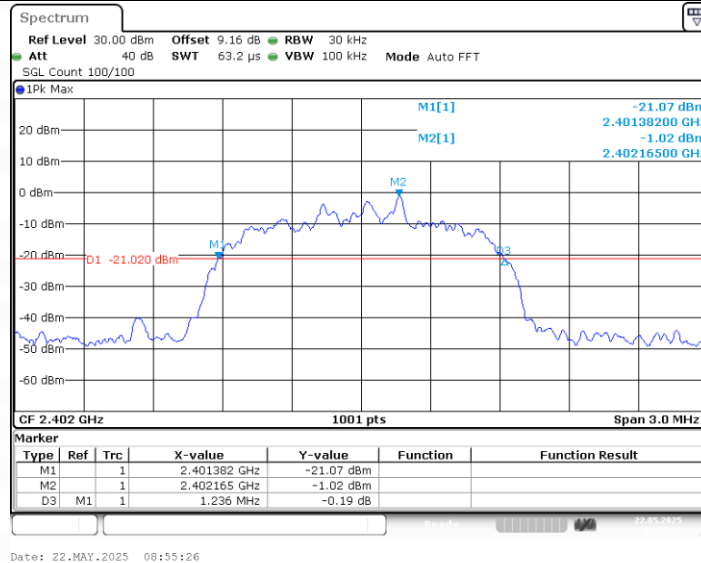
TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85	2401.57	2402.41	---	---
		2441	0.86	2440.55	2441.41	---	---
		2480	0.87	2479.55	2480.41	---	---
2DH5	Ant1	2402	1.24	2401.38	2402.62	---	---
		2441	1.35	2440.33	2441.68	---	---
		2480	1.26	2479.38	2480.64	---	---
3DH5	Ant1	2402	1.29	2401.36	2402.65	---	---
		2441	1.27	2440.36	2441.63	---	---
		2480	1.34	2479.33	2480.67	---	---

1.1.2 Test Graphs

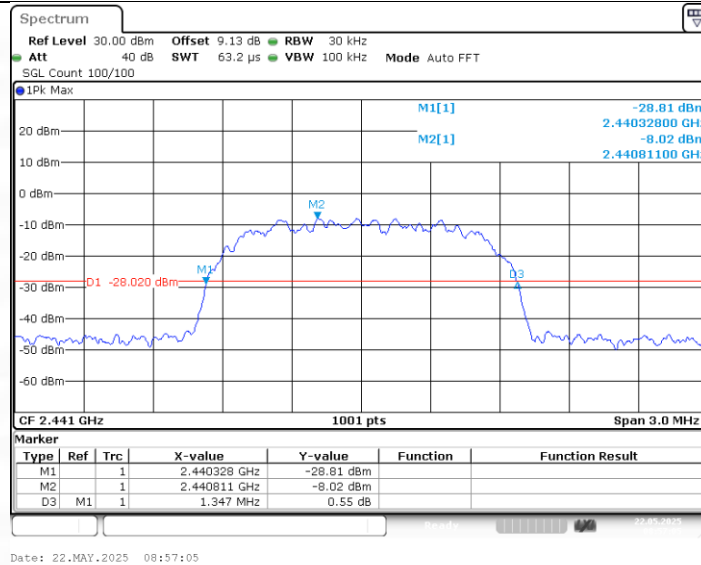




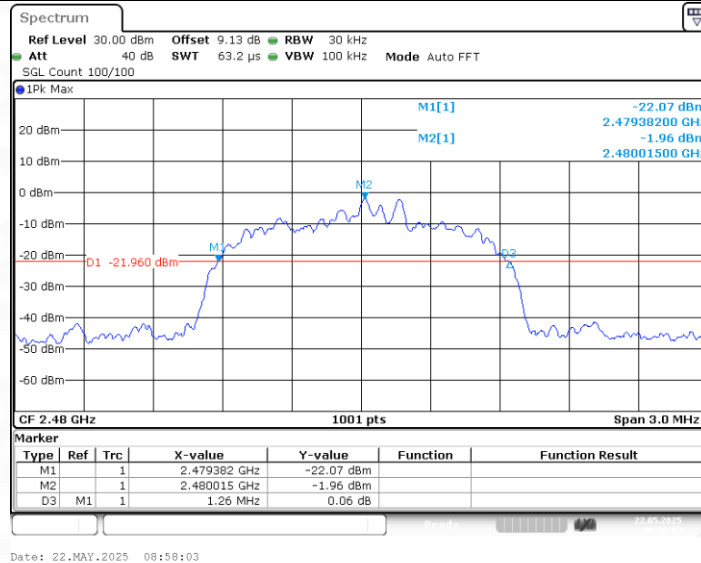
2DH5 Ant1 2402



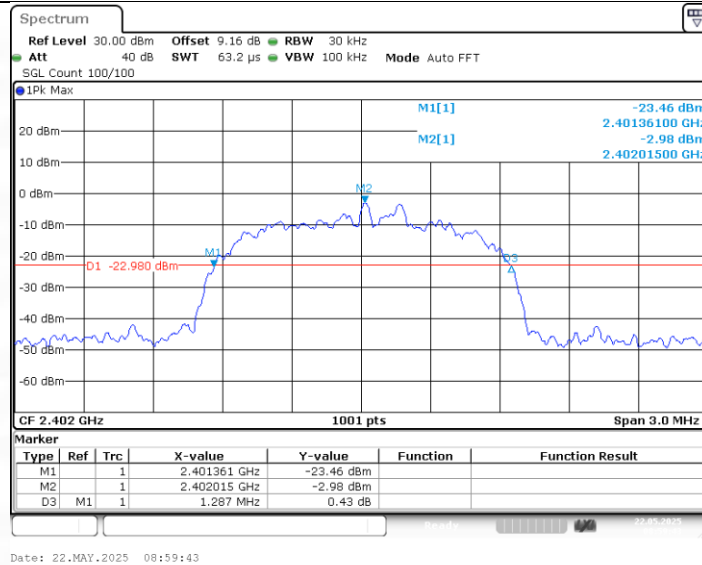
2DH5 Ant1 2441



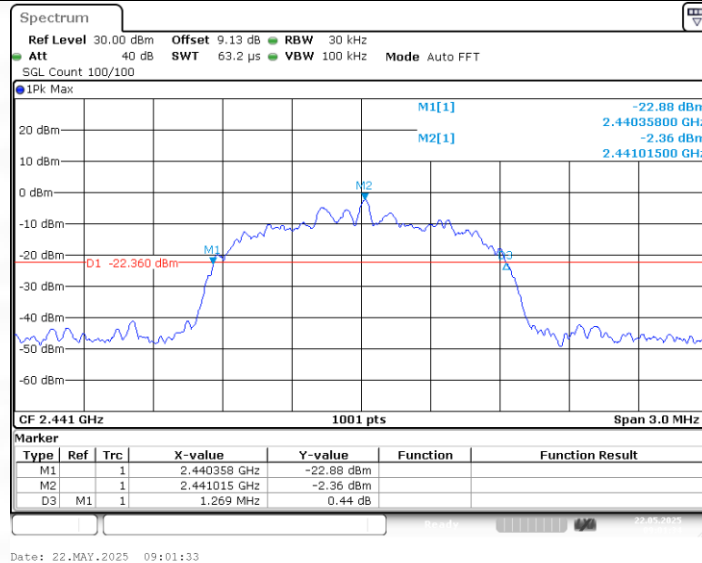
2DH5 Ant1 2480



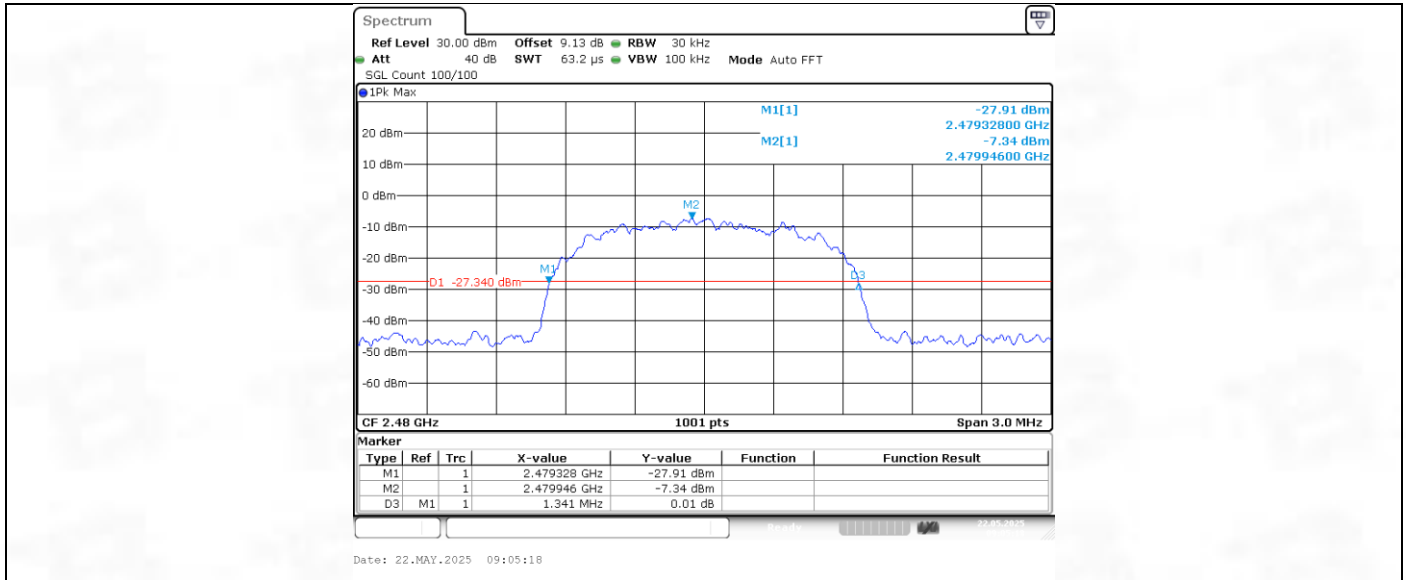
3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480

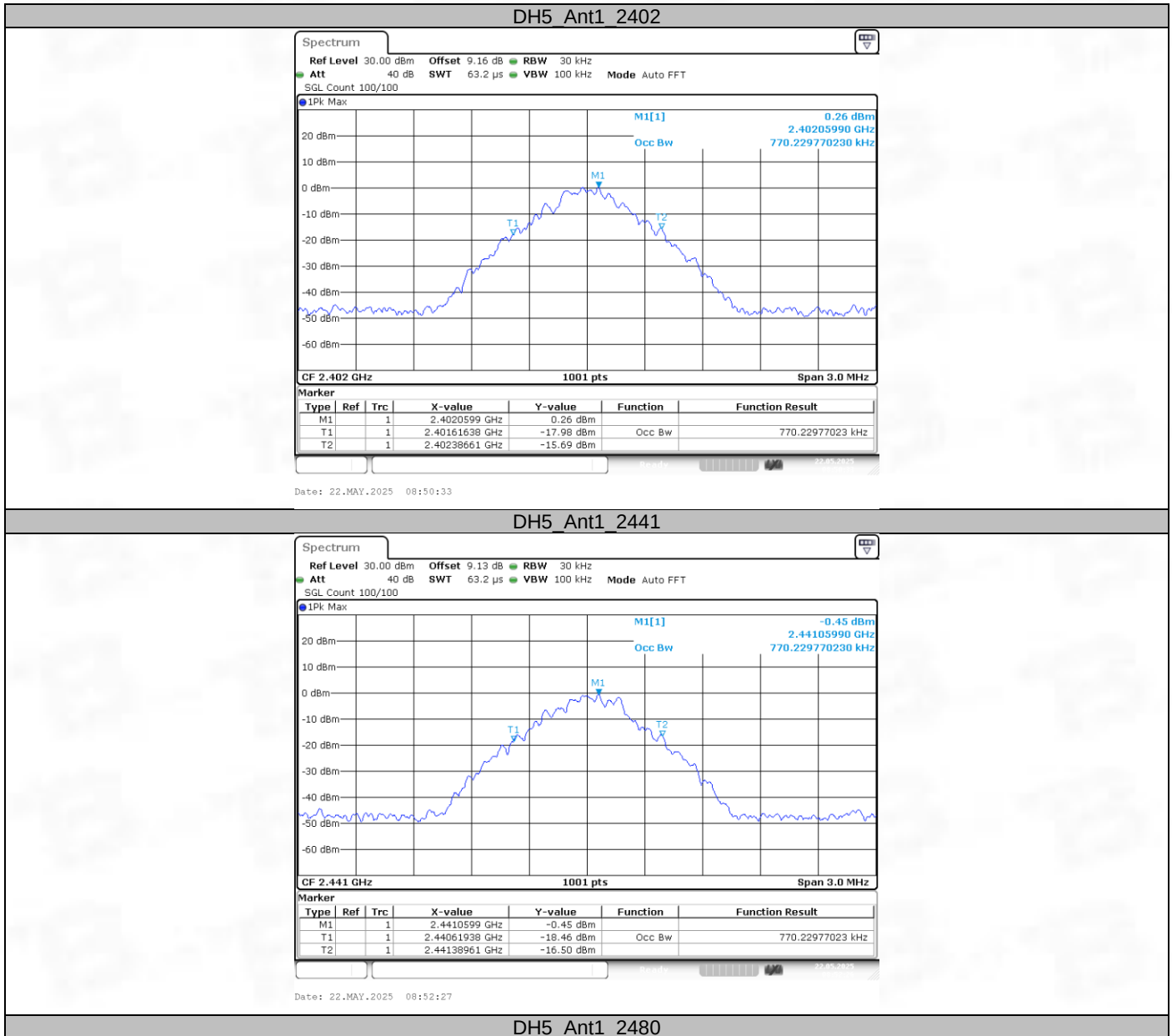


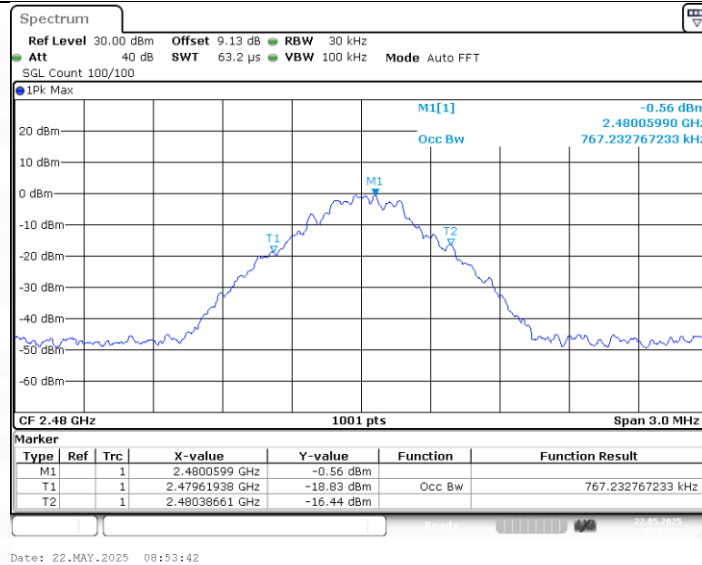
1.2 Appendix B: Occupied Channel Bandwidth

1.2.1 Test Result

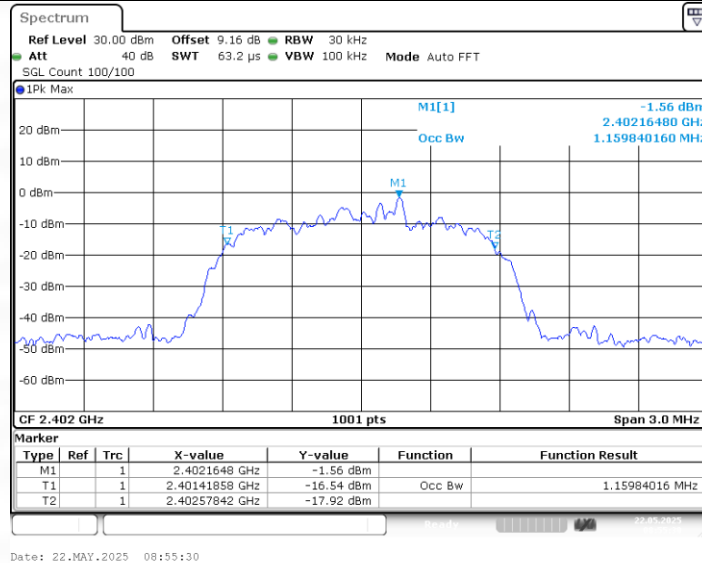
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.77023	2401.6164	2402.3866	---	---
		2441	0.77023	2440.6194	2441.3896	---	---
		2480	0.76723	2479.6194	2480.3866	---	---
2DH5	Ant1	2402	1.1598	2401.4186	2402.5784	---	---
		2441	1.1508	2440.4216	2441.5724	---	---
		2480	1.1628	2479.4186	2480.5814	---	---
3DH5	Ant1	2402	1.1658	2401.4156	2402.5814	---	---
		2441	1.1598	2440.4246	2441.5844	---	---
		2480	1.1688	2479.4156	2480.5844	---	---

1.2.2 Test Graphs

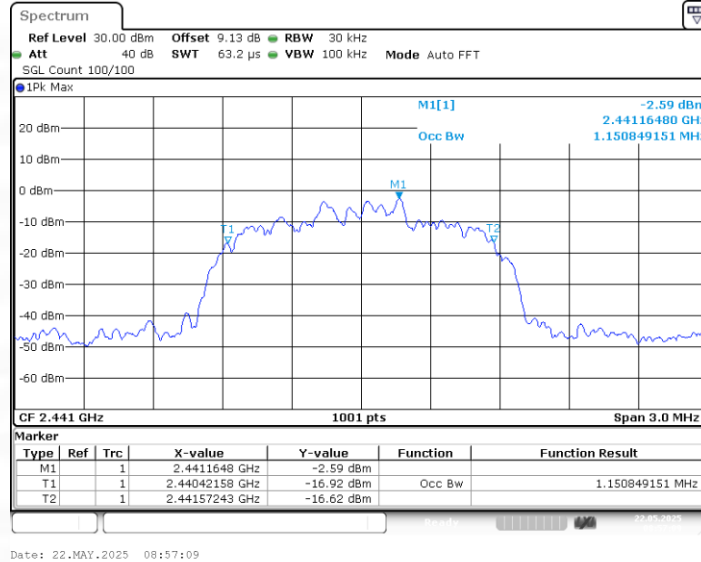




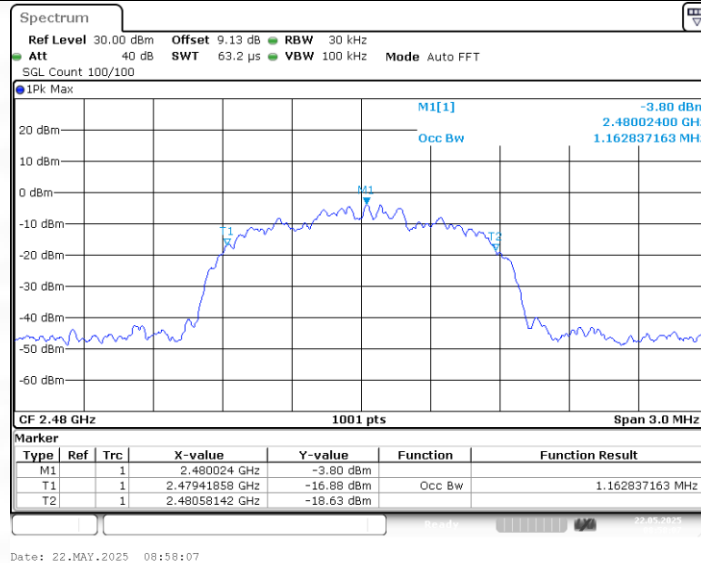
2DH5 Ant1 2402



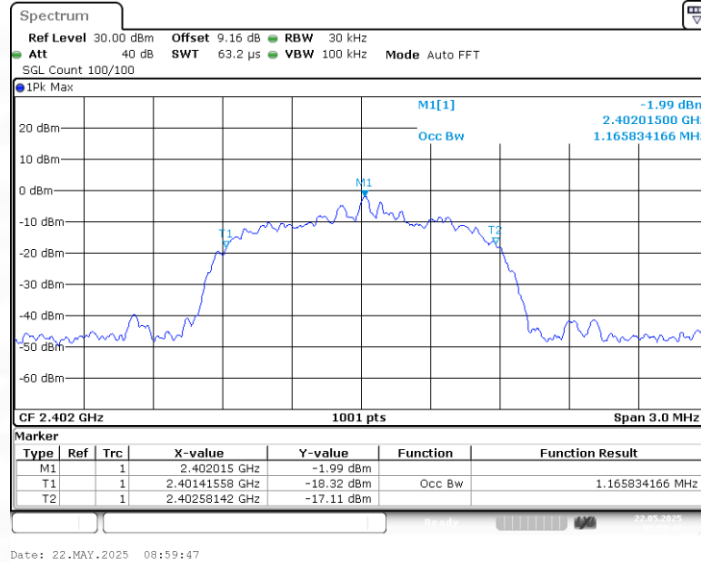
2DH5 Ant1 2441



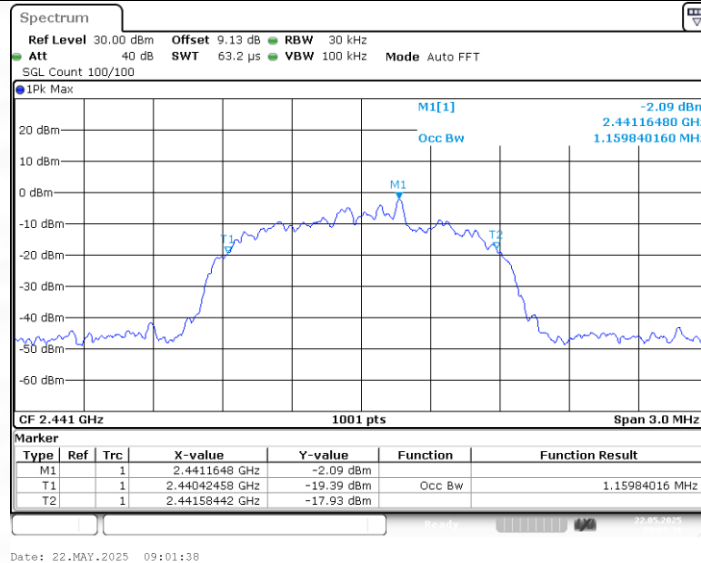
2DH5 Ant1 2480



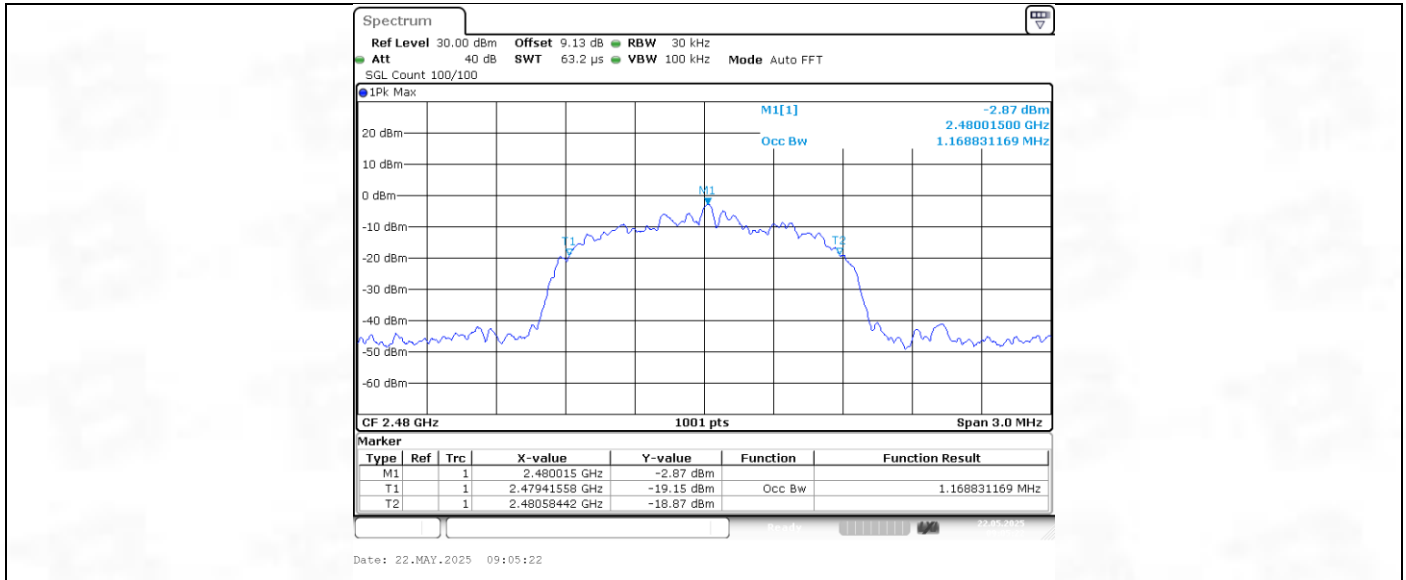
3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480

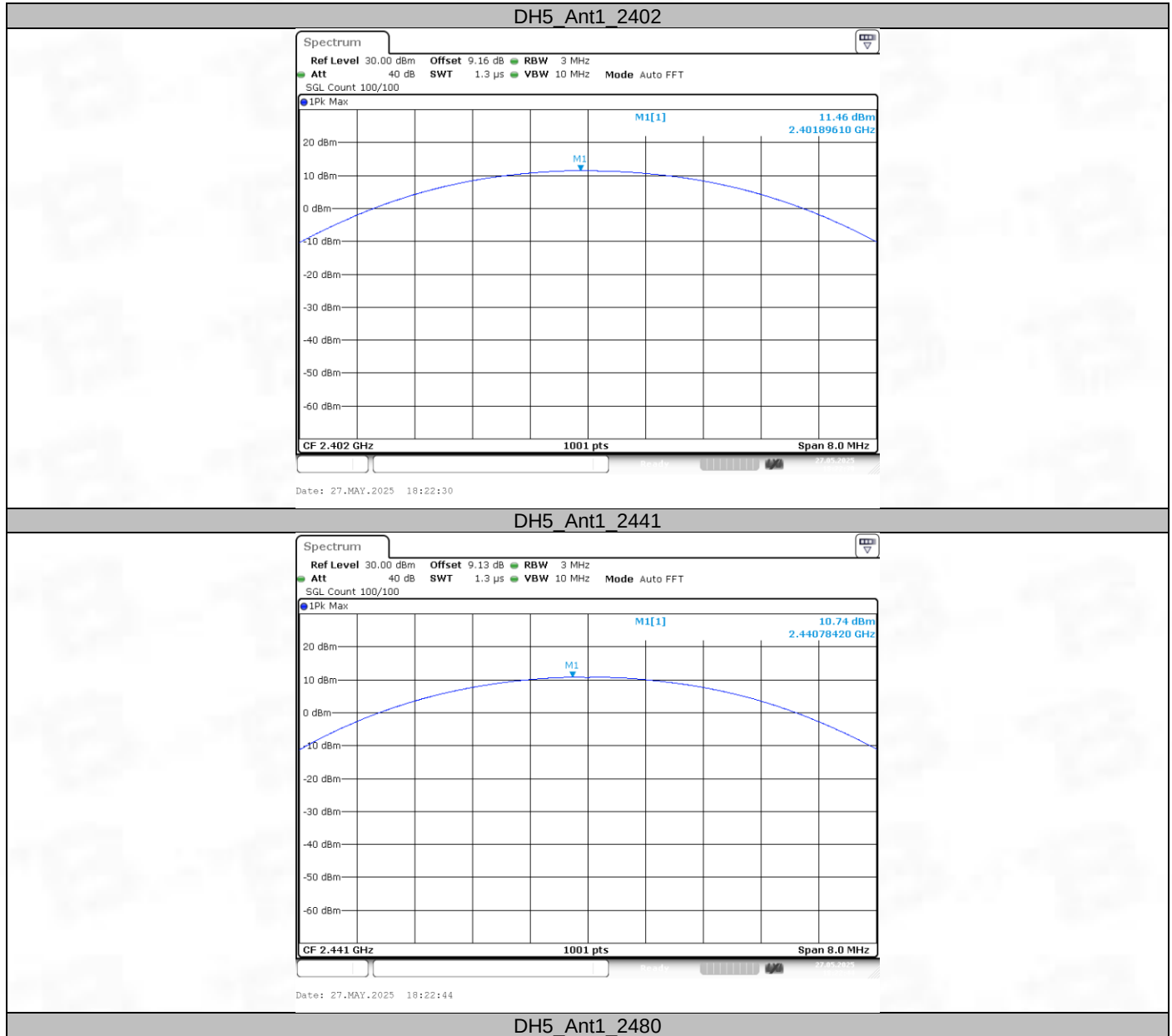


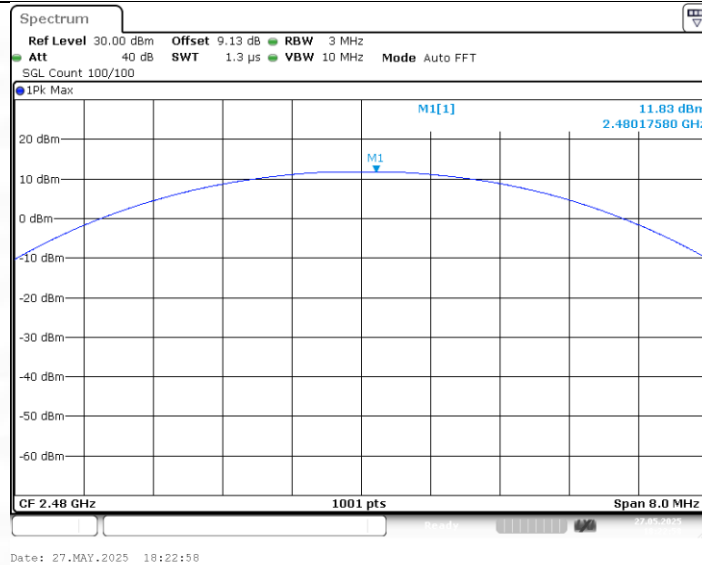
1.3 Appendix C: Maximum conducted output power

1.3.1 Test Result Peak

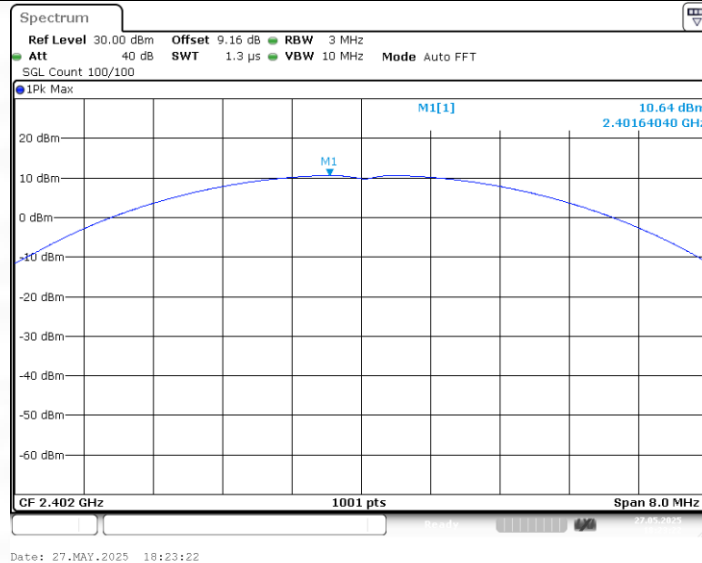
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	11.46	≤30	PASS
		2441	10.74	≤30	PASS
		2480	11.83	≤30	PASS
2DH5	Ant1	2402	10.64	≤20.97	PASS
		2441	9.96	≤20.97	PASS
		2480	10.98	≤20.97	PASS
3DH5	Ant1	2402	10.48	≤20.97	PASS
		2441	9.94	≤20.97	PASS
		2480	11.09	≤20.97	PASS

1.3.2 Test Graphs

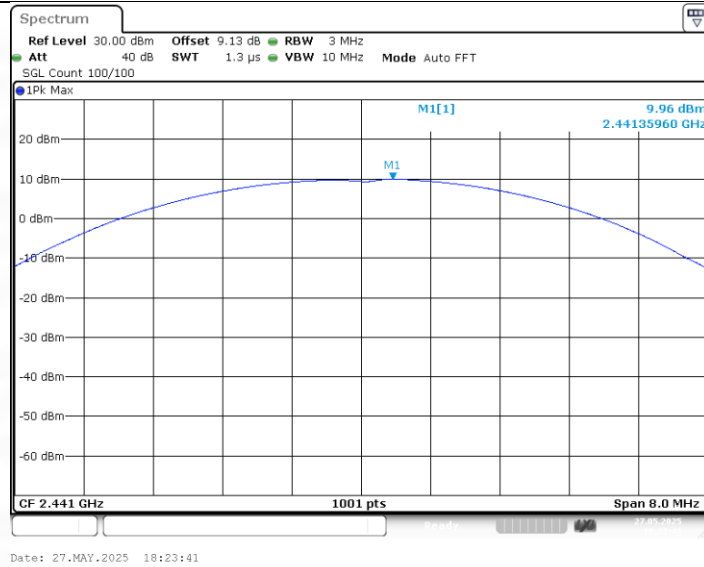




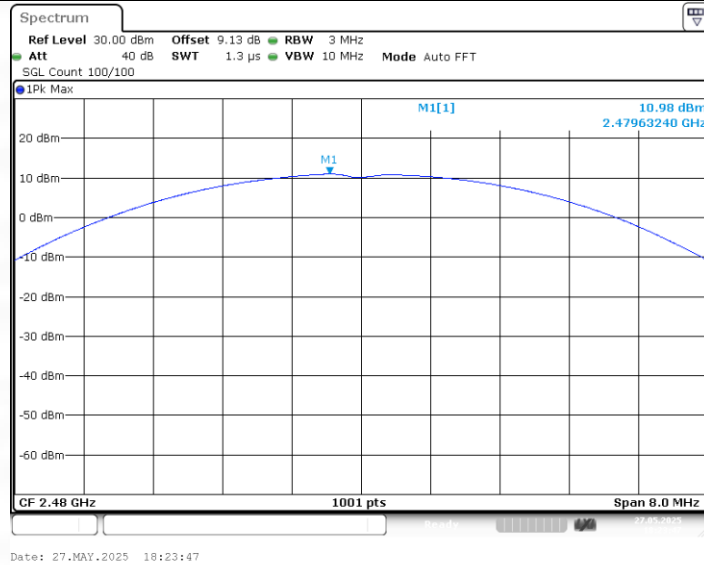
2DH5 Ant1 2402



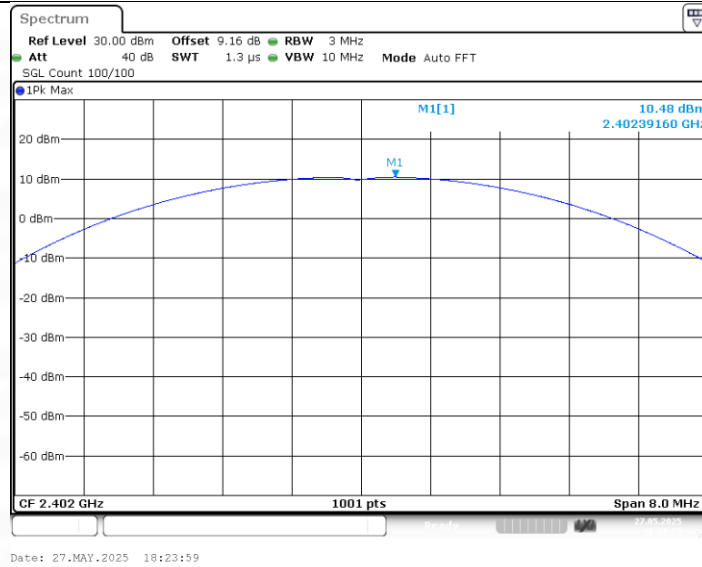
2DH5 Ant1 2441



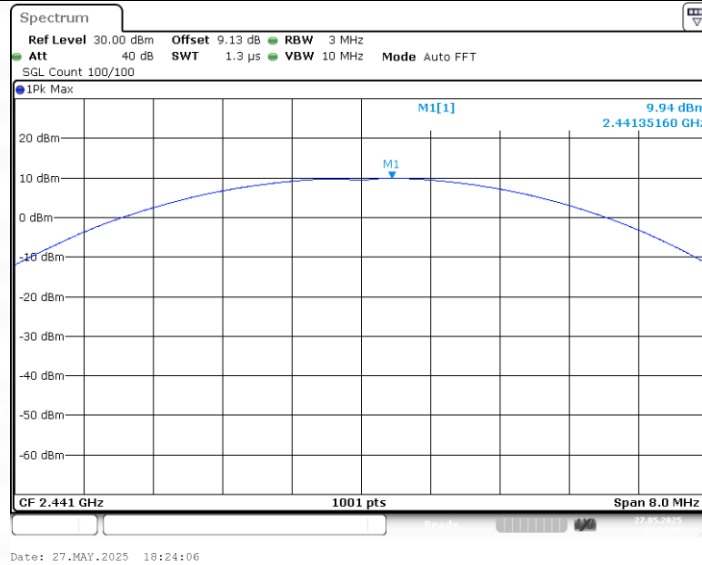
2DH5 Ant1 2480



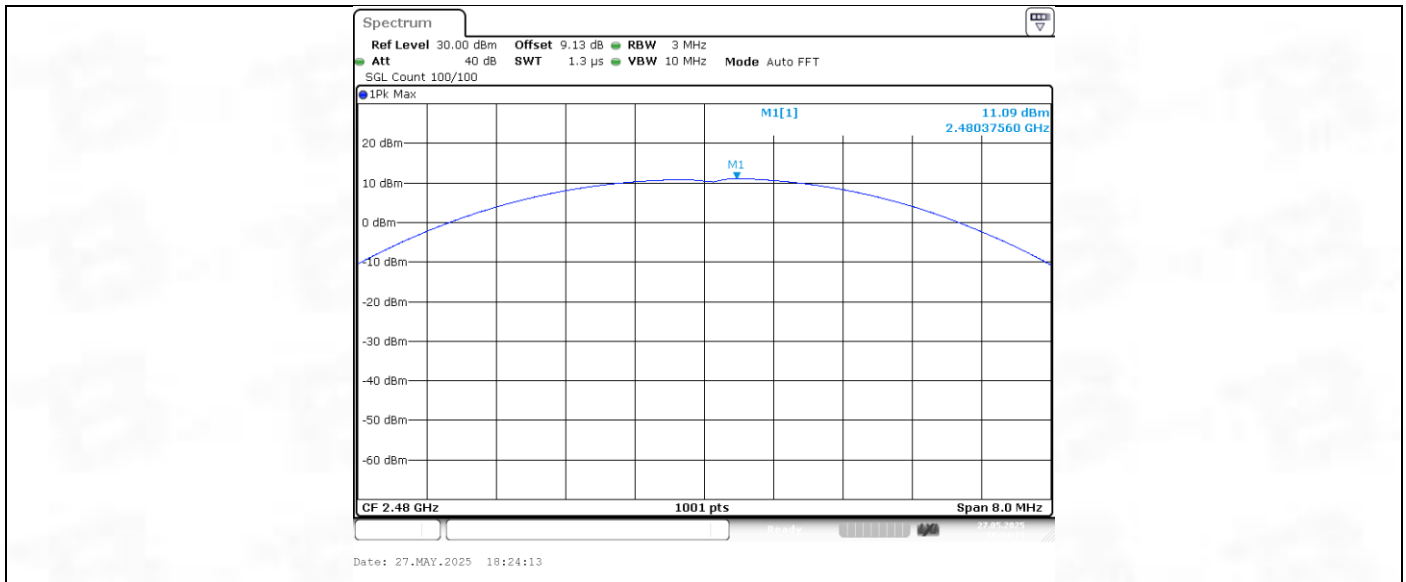
3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480

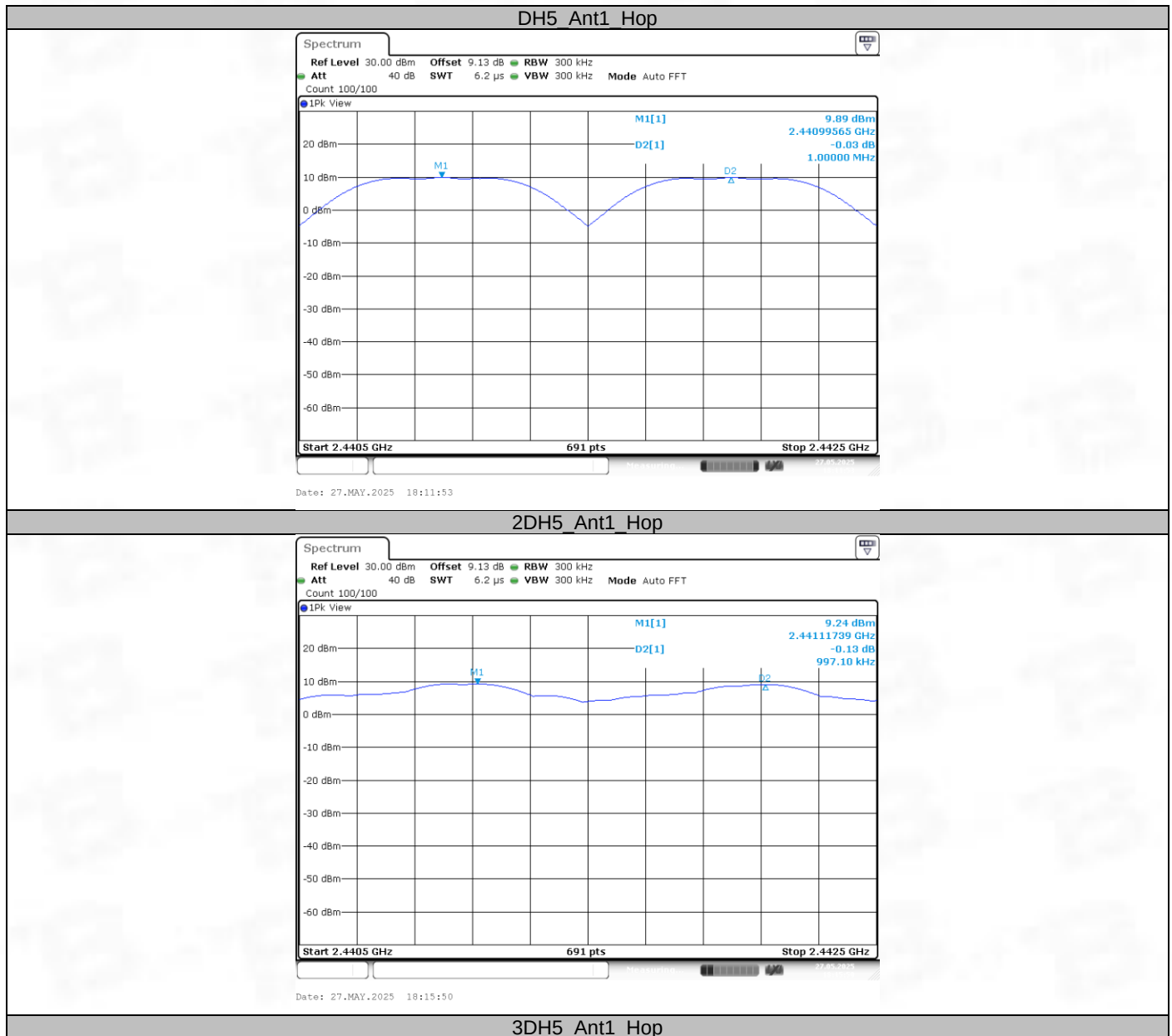


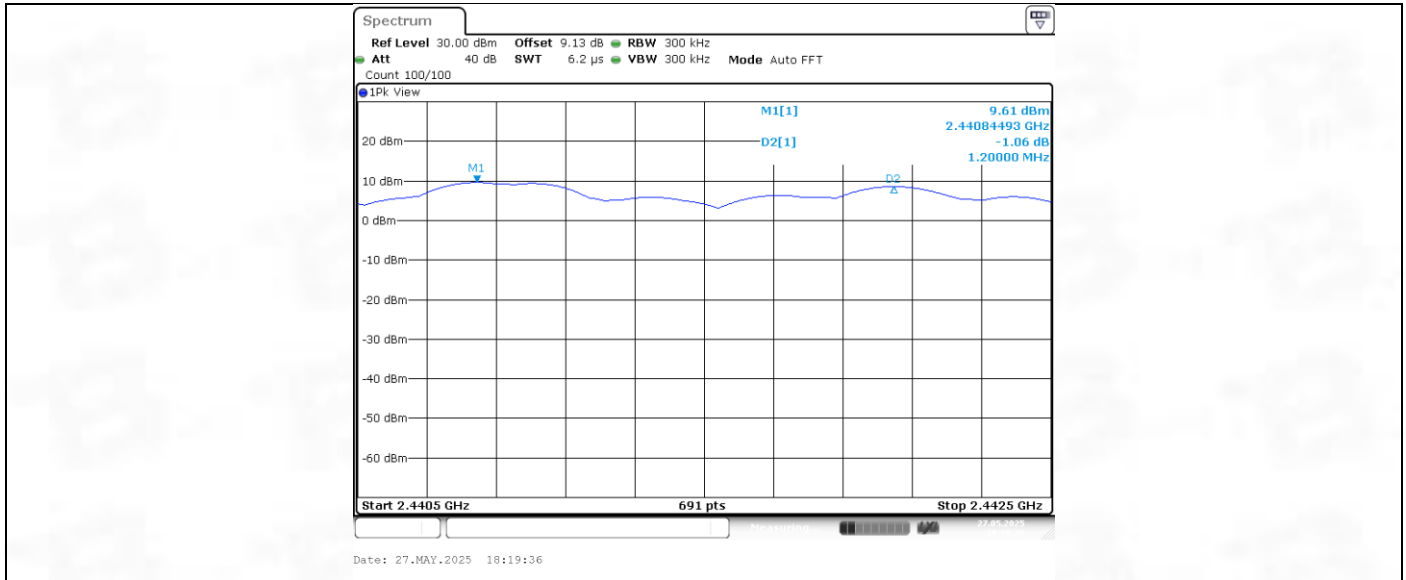
1.4 Appendix D: Carrier frequency separation

1.4.1 Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥0.870	PASS
2DH5	Ant1	Hop	0.997	≥0.900	PASS
3DH5	Ant1	Hop	1.2	≥0.893	PASS

1.4.2 Test Graphs



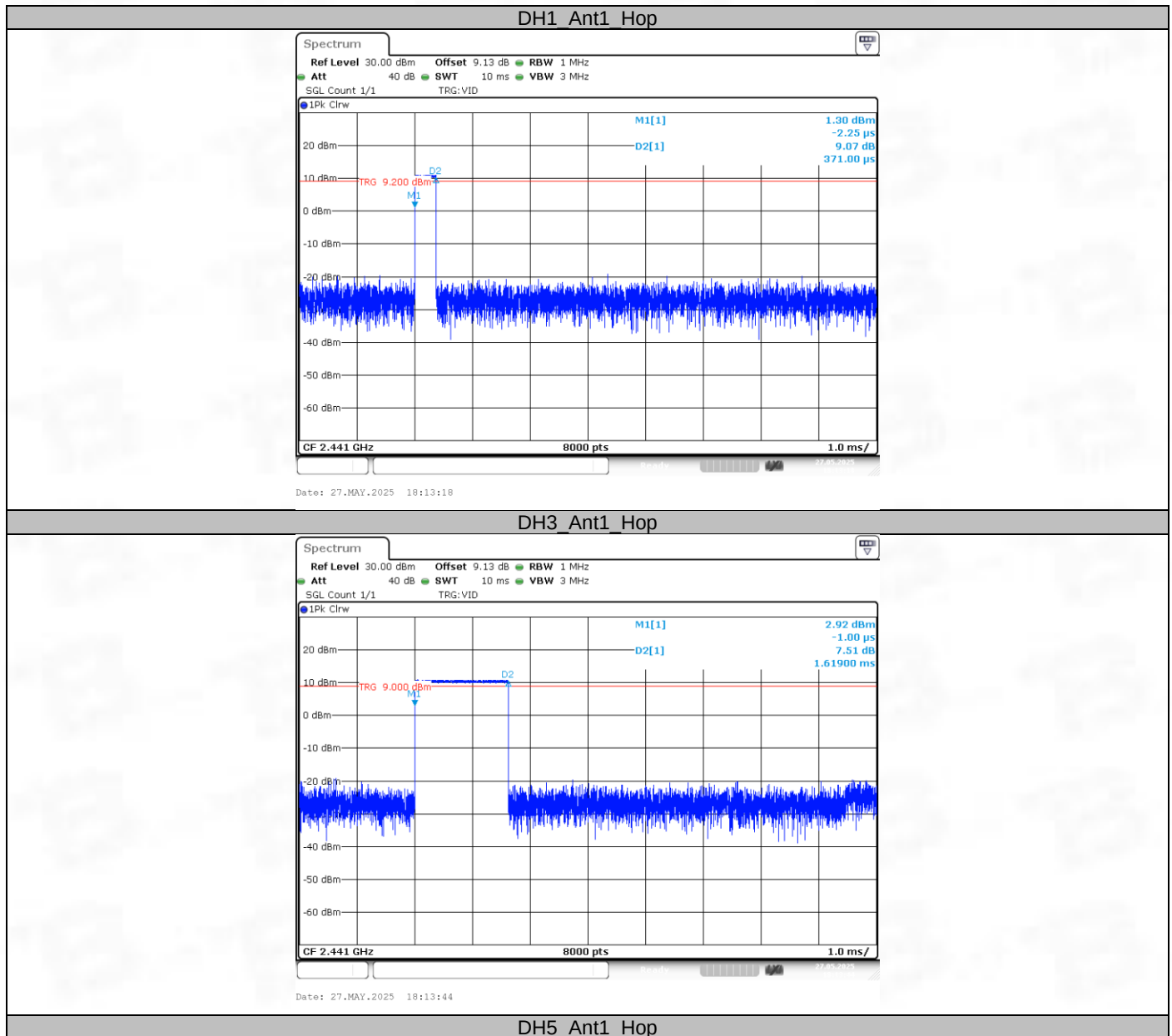


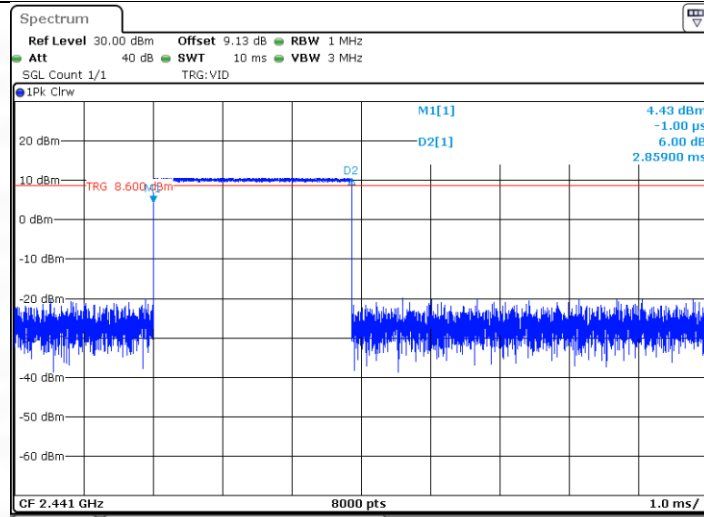
1.5 Appendix E: Time of occupancy

1.5.1 Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.371	320	0.119	≤0.4	PASS
DH3	Ant1	Hop	1.619	160	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.859	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

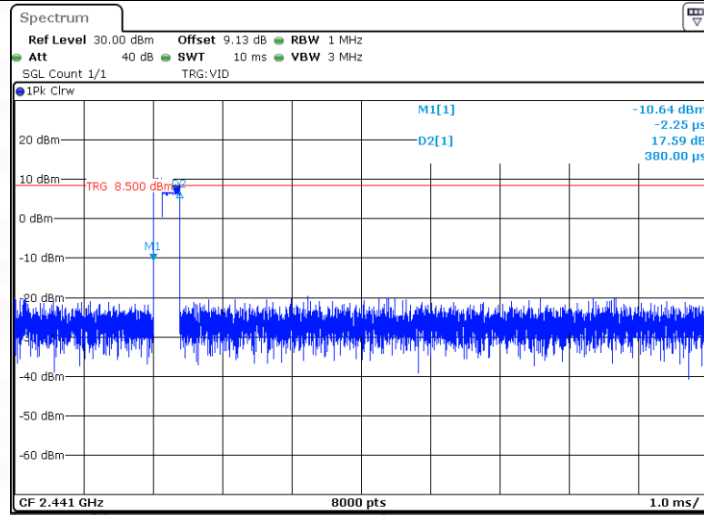
1.5.2 Test Graphs





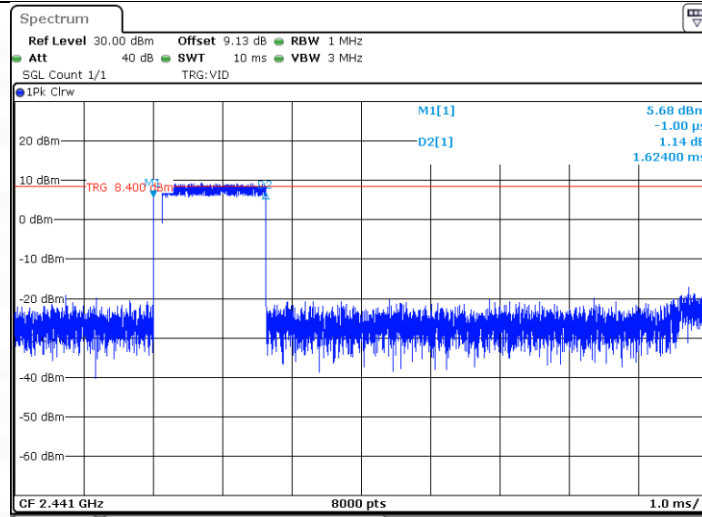
Date: 27.MAY.2025 18:12:32

2DH1 Ant1 Hop



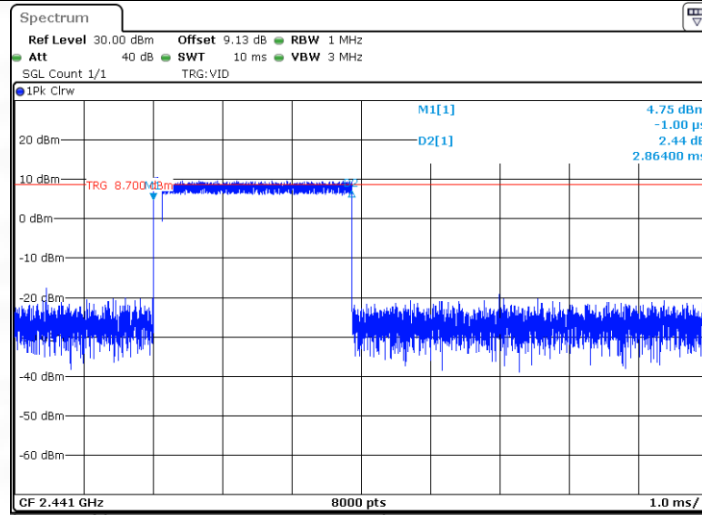
Date: 27.MAY.2025 18:18:08

2DH3 Ant1 Hop



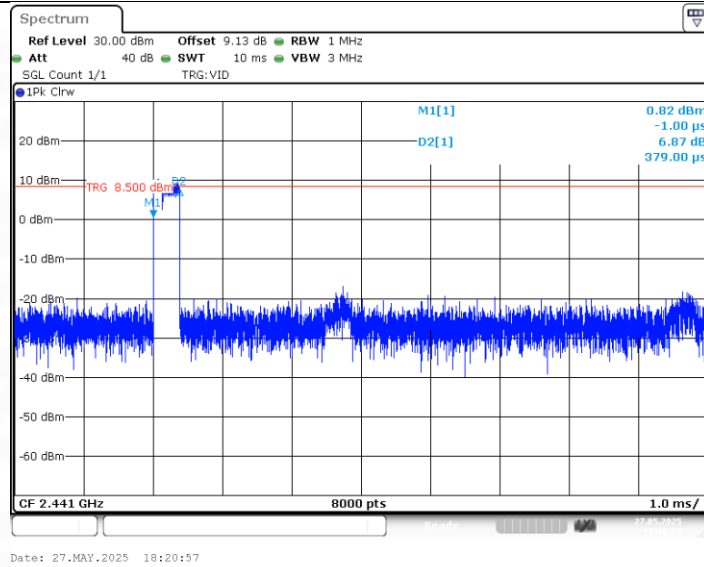
Date: 27.MAY.2025 18:18:27

2DH5 Ant1 Hop

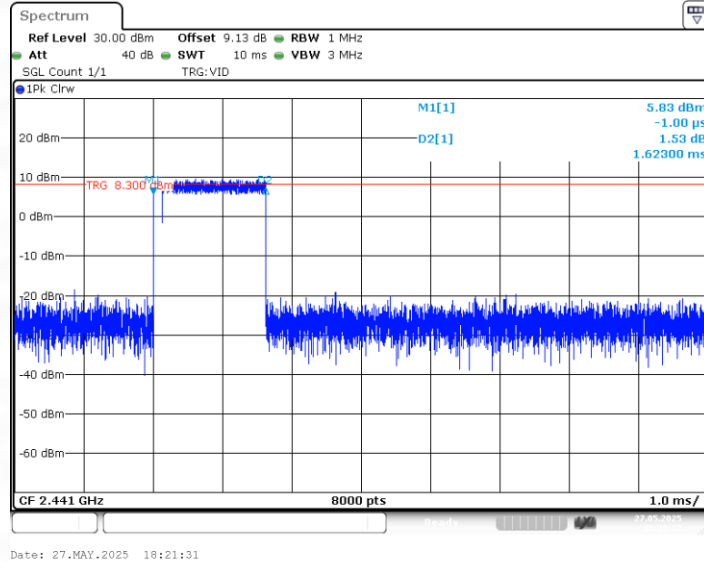


Date: 27.MAY.2025 18:17:41

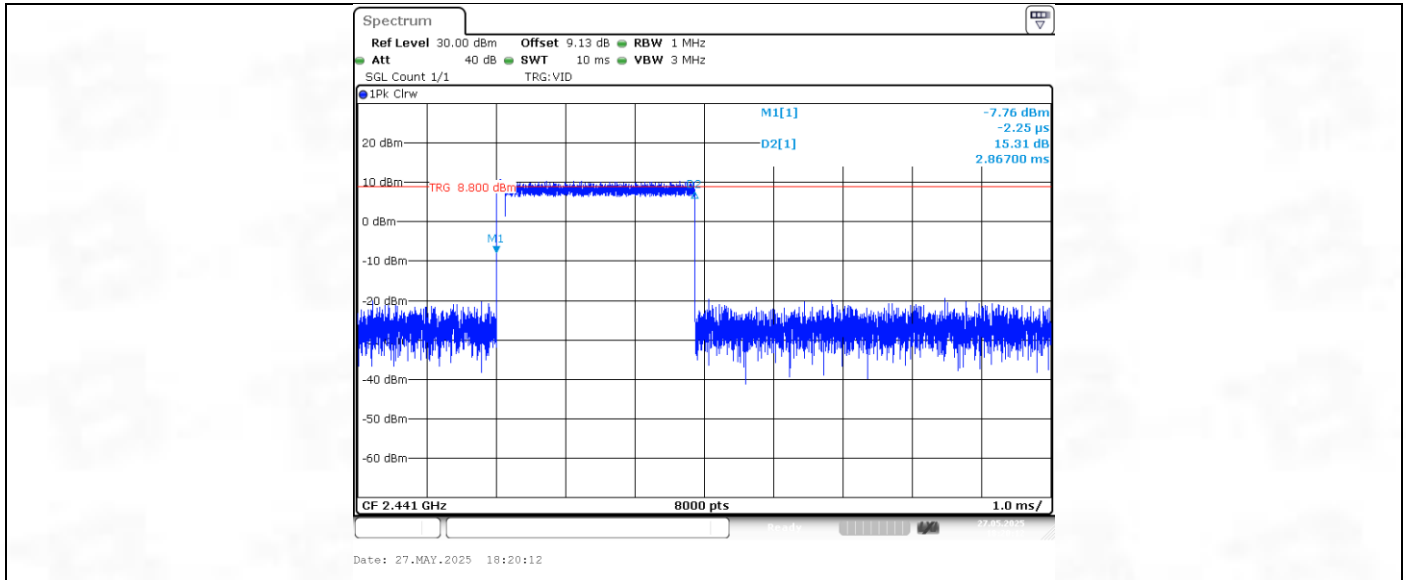
3DH1 Ant1 Hop



3DH3 Ant1 Hop



3DH5 Ant1 Hop

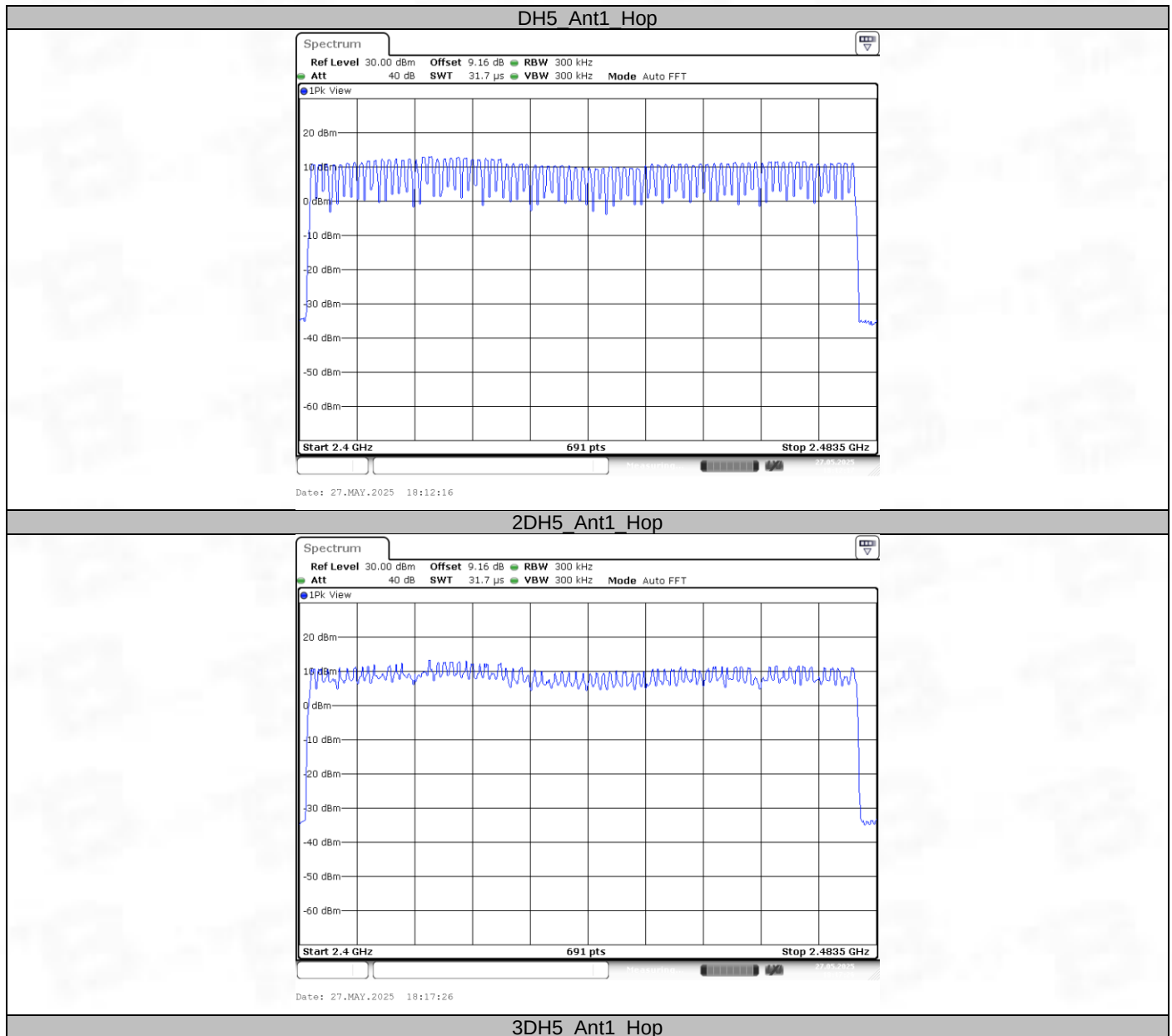


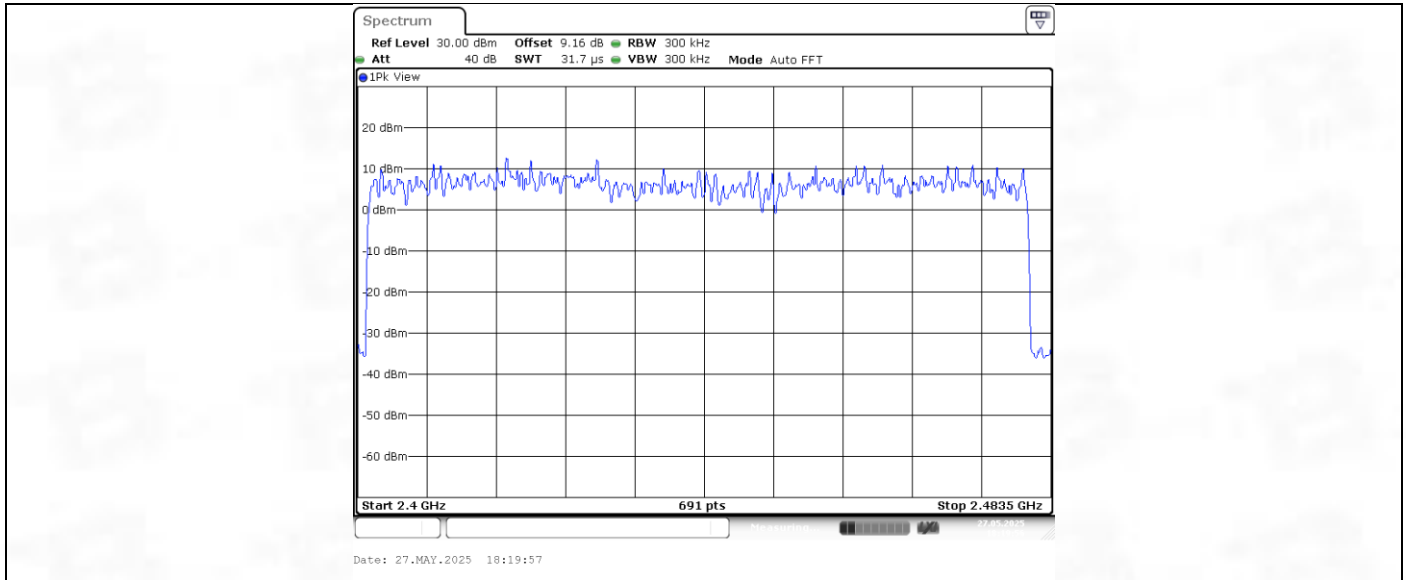
1.6 Appendix F: Number of hopping channels

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



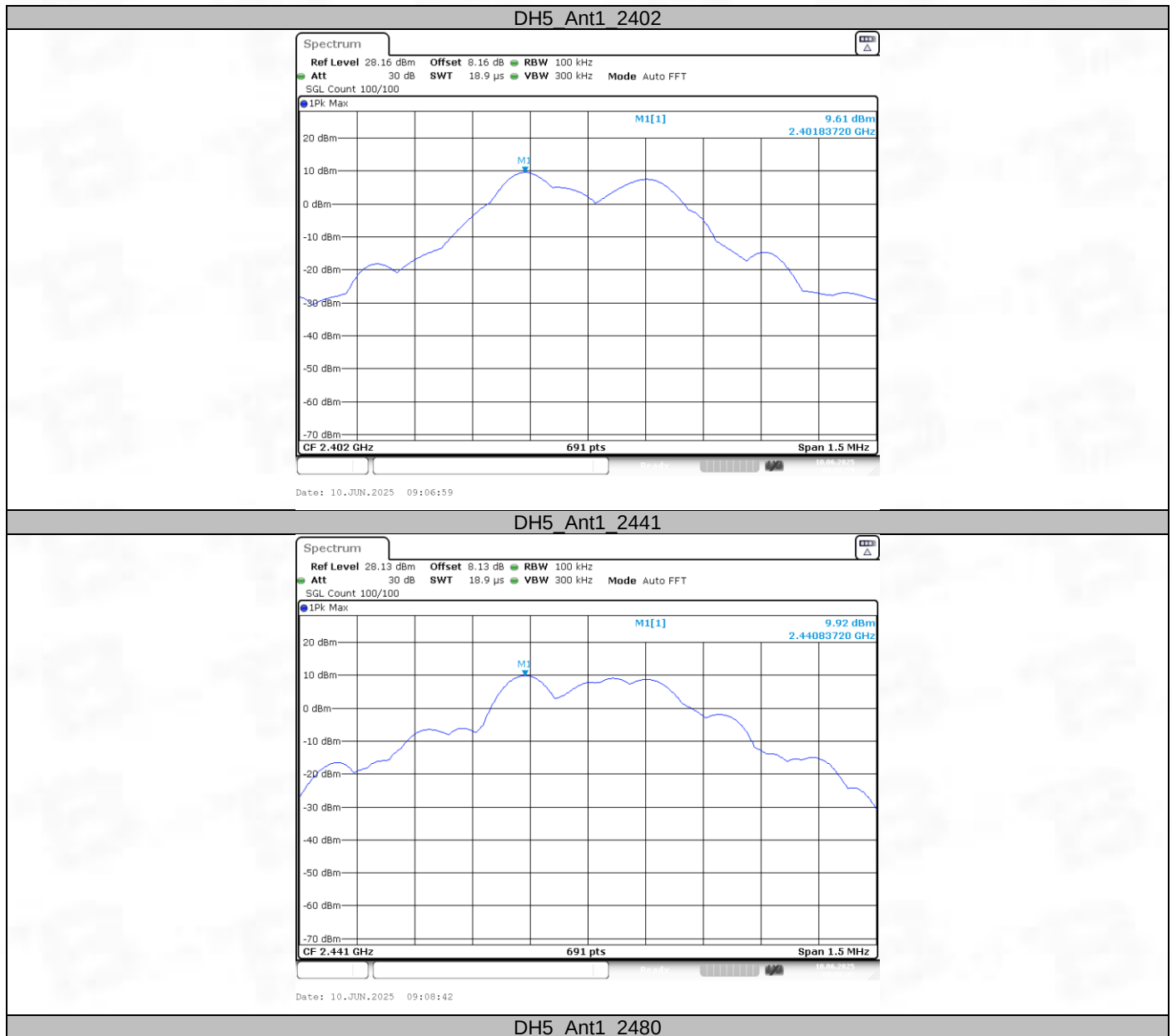


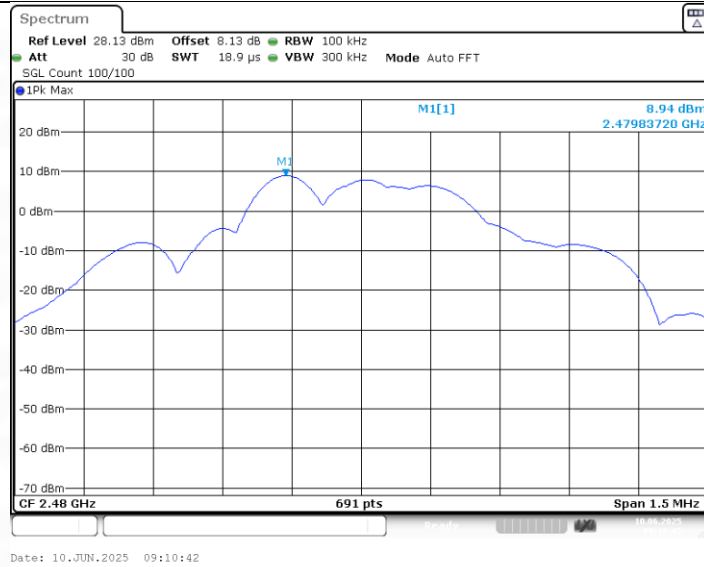
1.7 Appendix G: Reference level measurement

1.7.1 Test Result

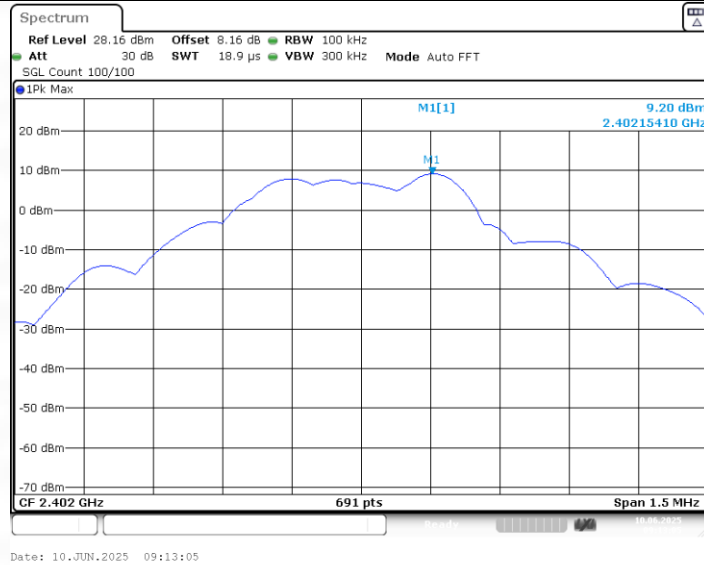
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
DH5	Ant1	2402	2401.84	9.61
		2441	2440.84	9.92
		2480	2479.84	8.94
2DH5	Ant1	2402	2402.15	9.20
		2441	2440.94	7.38
		2480	2479.84	7.56
3DH5	Ant1	2402	2402.00	7.21
		2441	2440.84	9.12
		2480	2480.15	6.90

1.7.2 Test Graphs

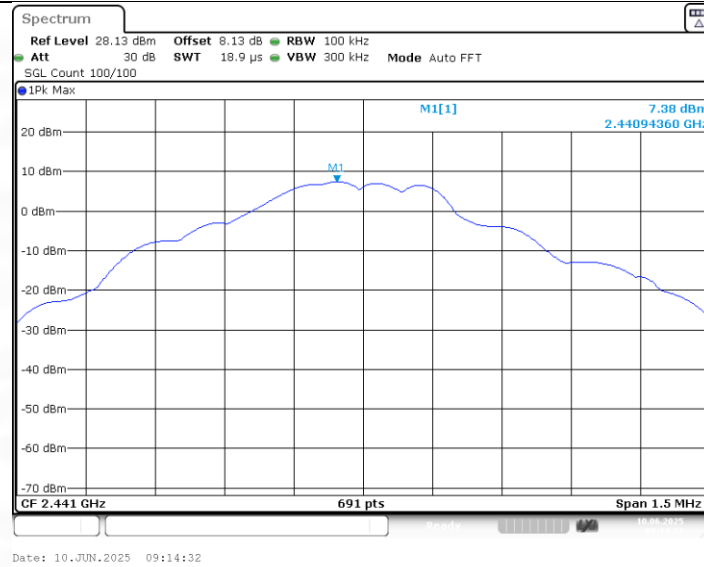




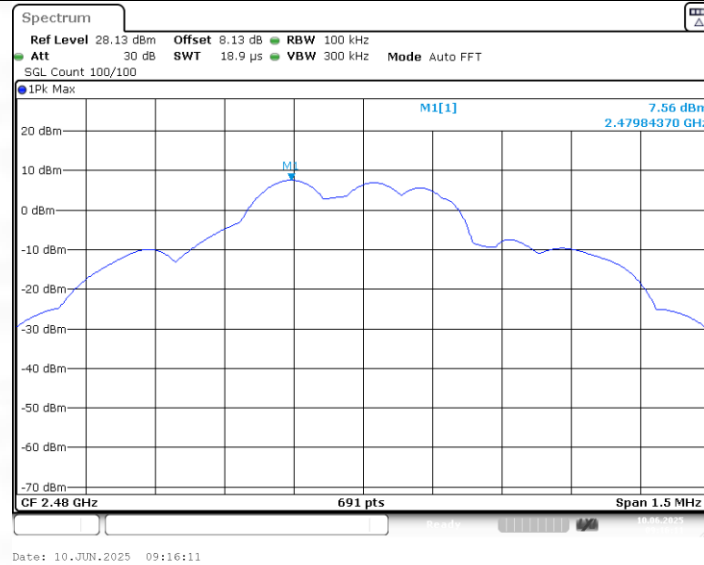
2DH5 Ant1 2402



2DH5 Ant1 2441



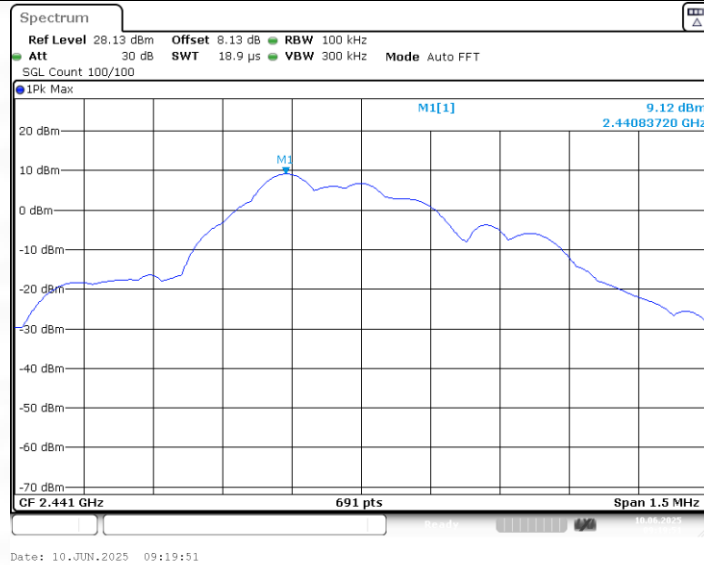
2DH5 Ant1 2480



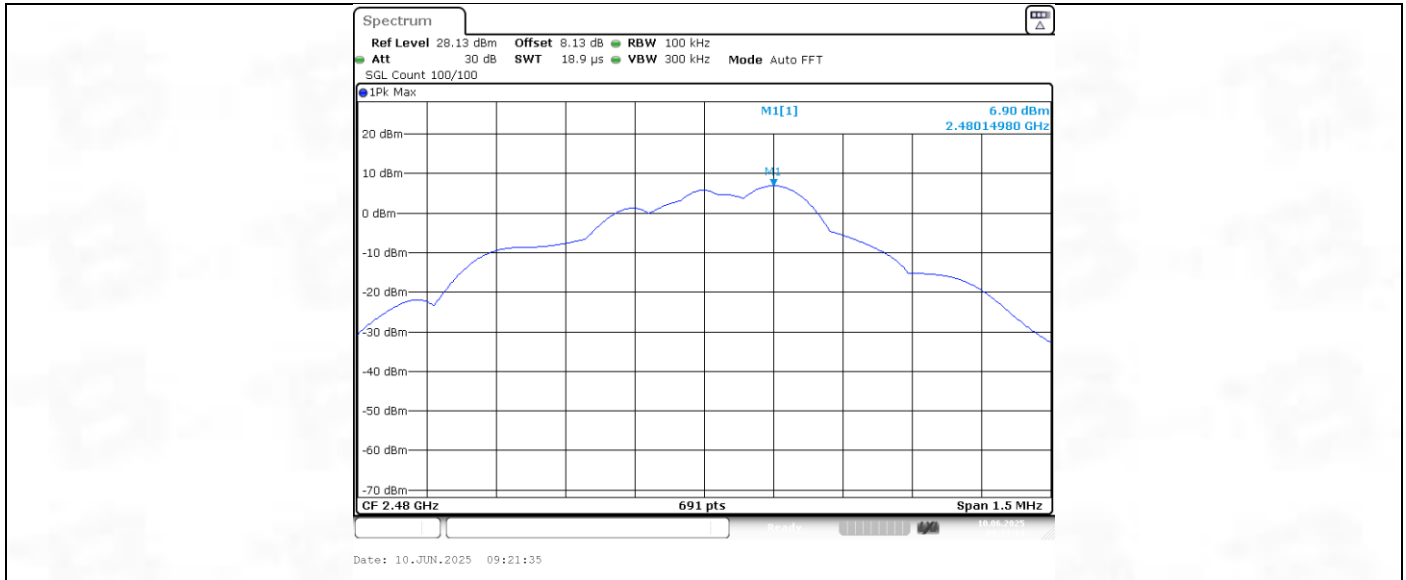
3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480

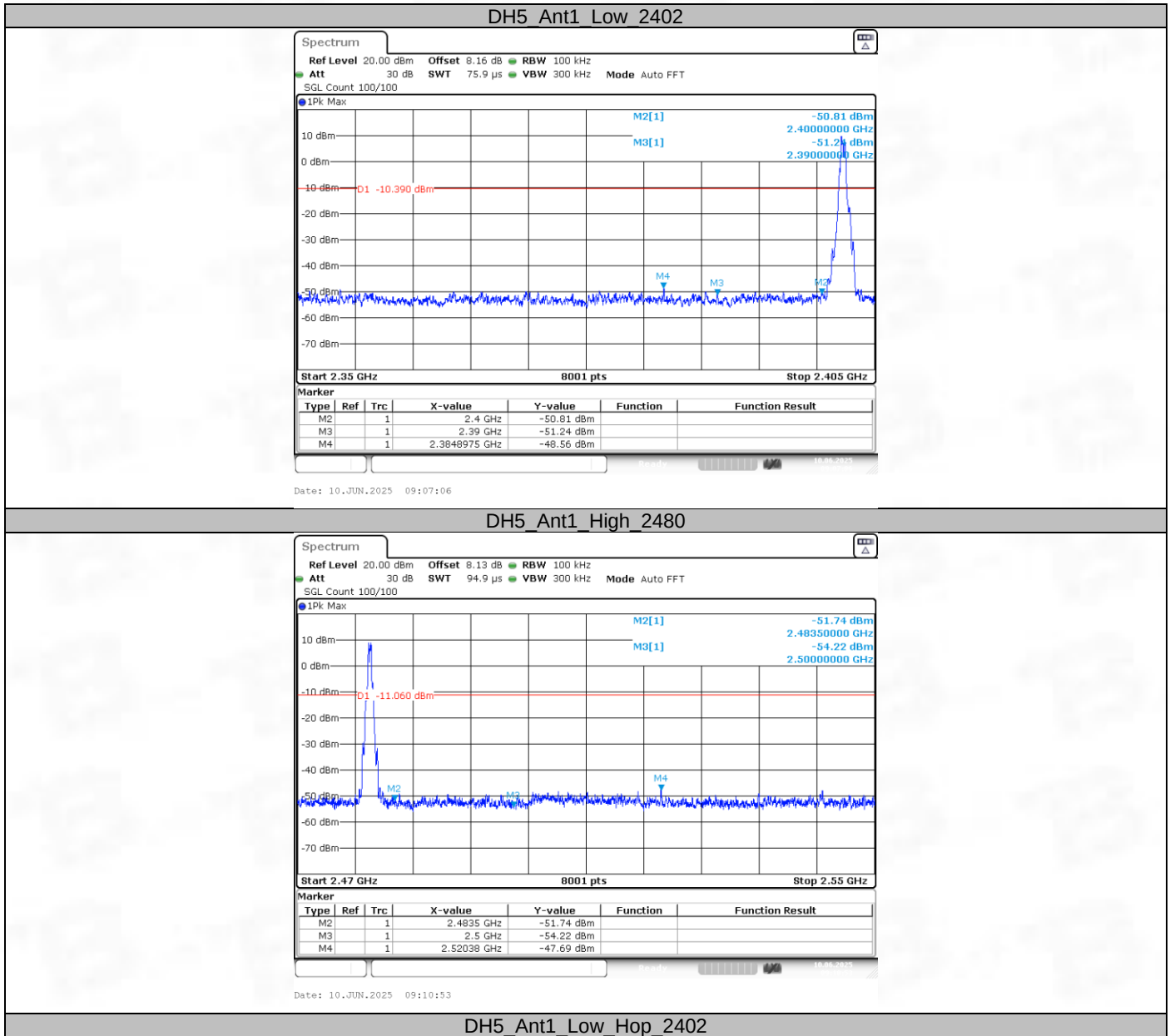


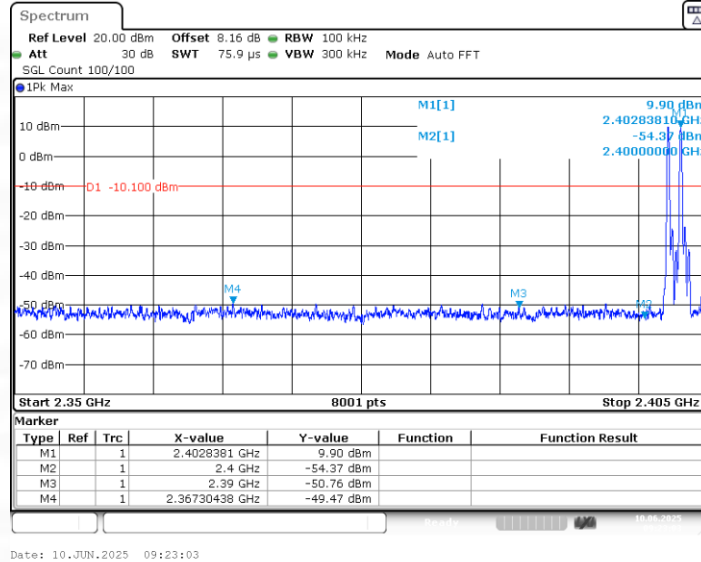
1.8 Appendix H: Band edge measurements

1.8.1 Test Result

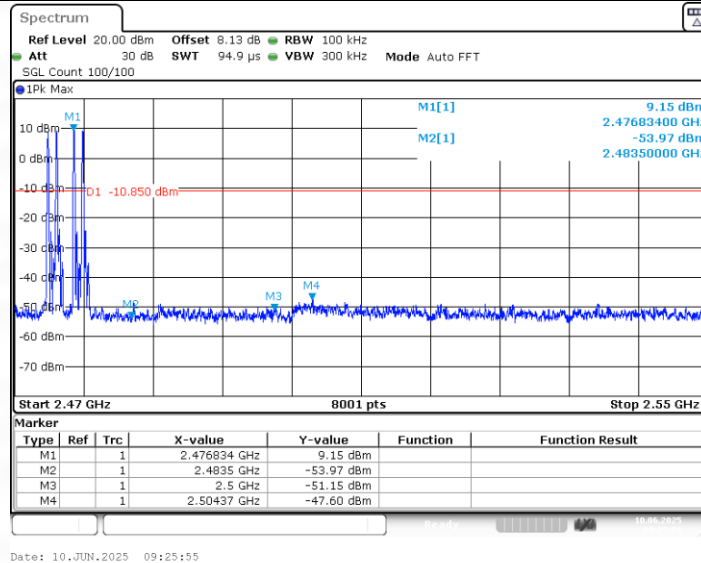
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	9.61	-48.56	≤ -10.39	PASS
		High	2480	8.94	-47.69	≤ -11.06	PASS
		Low	Hop_2402	9.90	-49.47	≤ -10.1	PASS
		High	Hop_2480	9.15	-47.6	≤ -10.85	PASS
2DH5	Ant1	Low	2402	9.20	-48.59	≤ -10.8	PASS
		High	2480	7.56	-47.77	≤ -12.44	PASS
		Low	Hop_2402	7.23	-48.68	≤ -12.77	PASS
		High	Hop_2480	5.76	-48.86	≤ -14.24	PASS
3DH5	Ant1	Low	2402	7.21	-49.2	≤ -12.79	PASS
		High	2480	6.90	-48.12	≤ -13.1	PASS
		Low	Hop_2402	7.43	-49.82	≤ -12.57	PASS
		High	Hop_2480	6.01	-47.86	≤ -13.99	PASS

1.8.2 Test Graphs

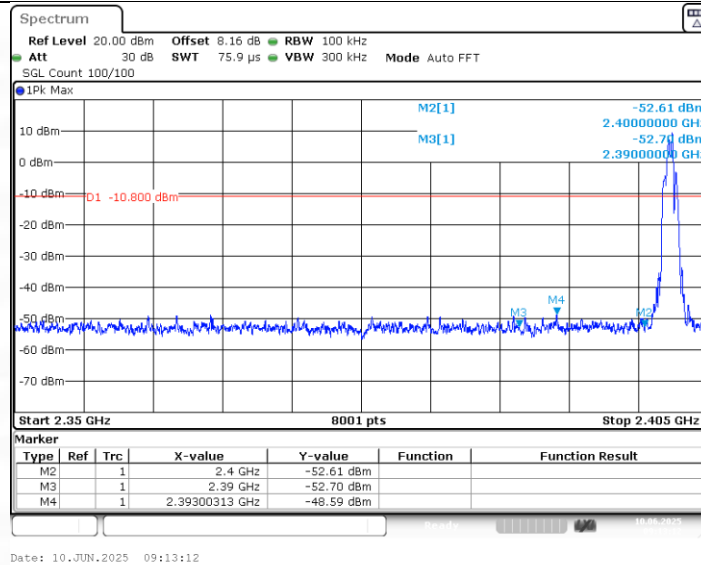




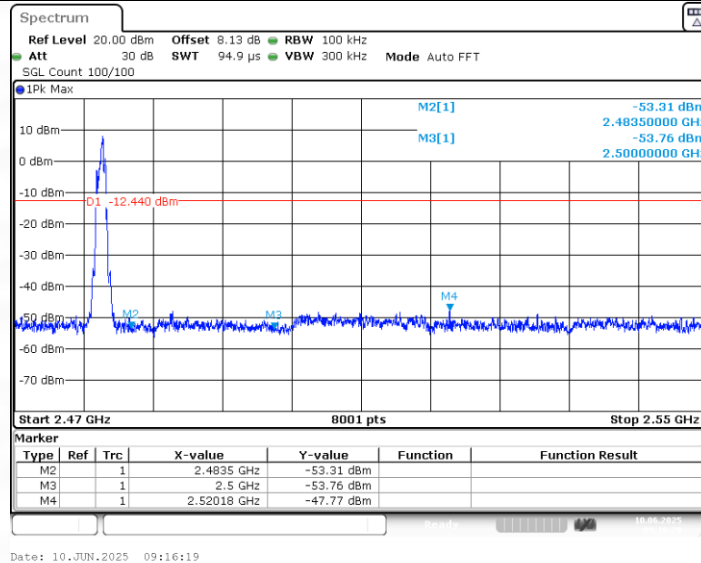
DH5 Ant1 High Hop 2480



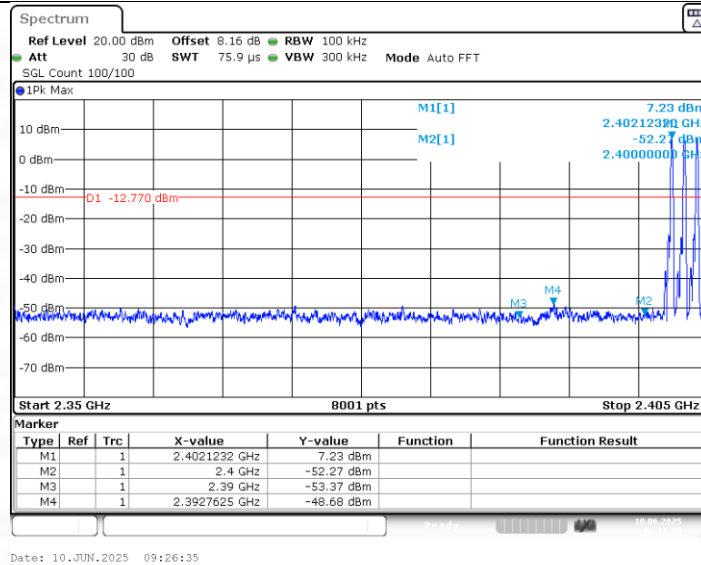
2DH5_Ant1 Low 2402



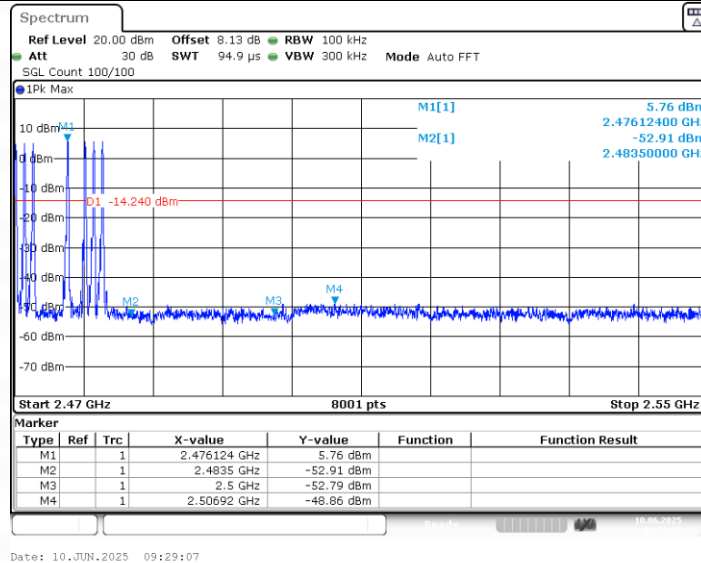
2DH5 Ant1 High 2480



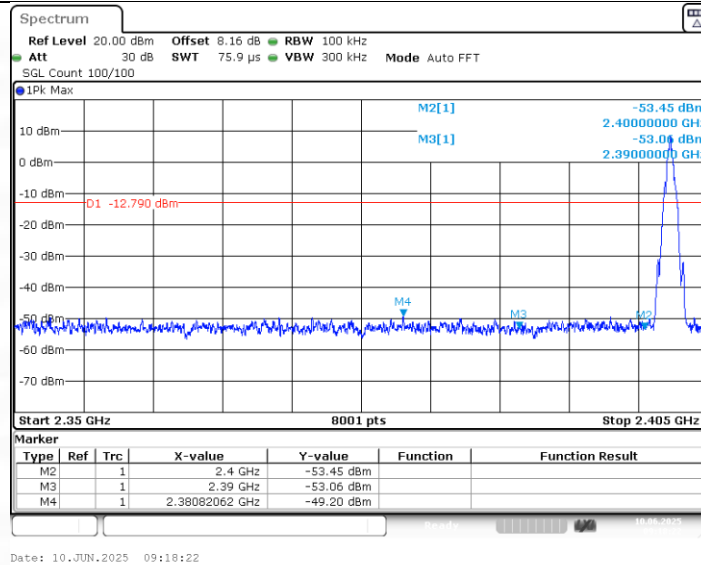
2DH5_Ant1_Low Hop_2402



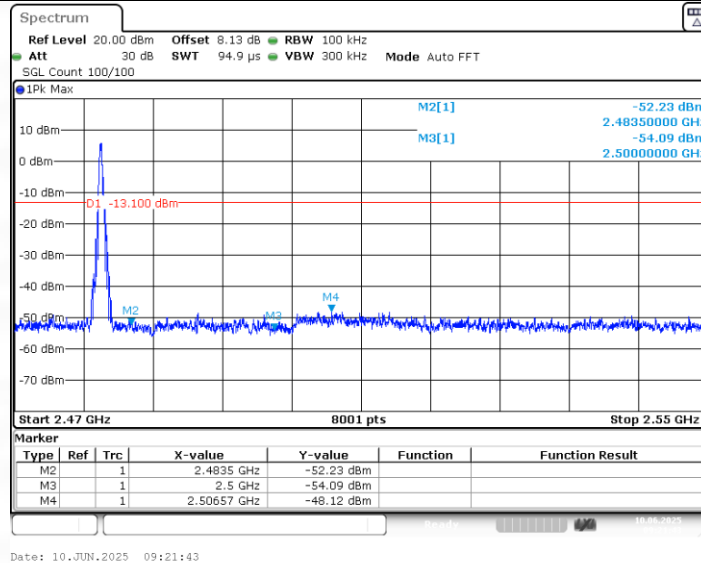
2DH5 Ant1 High Hop 2480



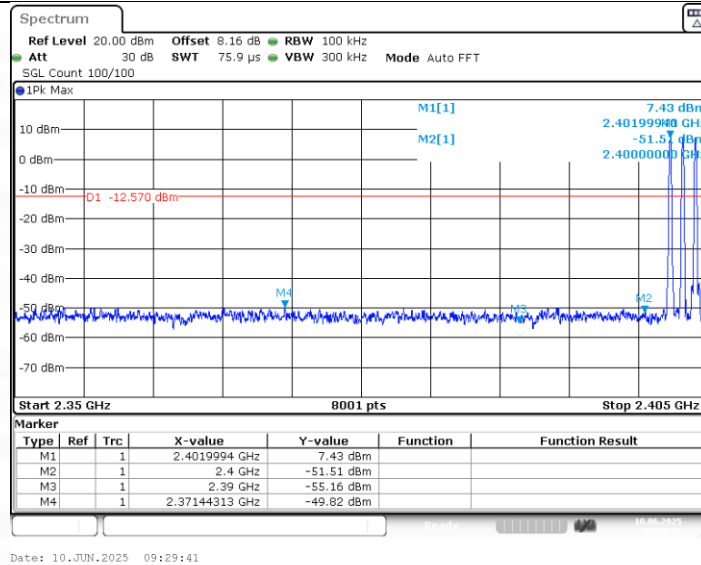
3DH5 Ant1 Low 2402



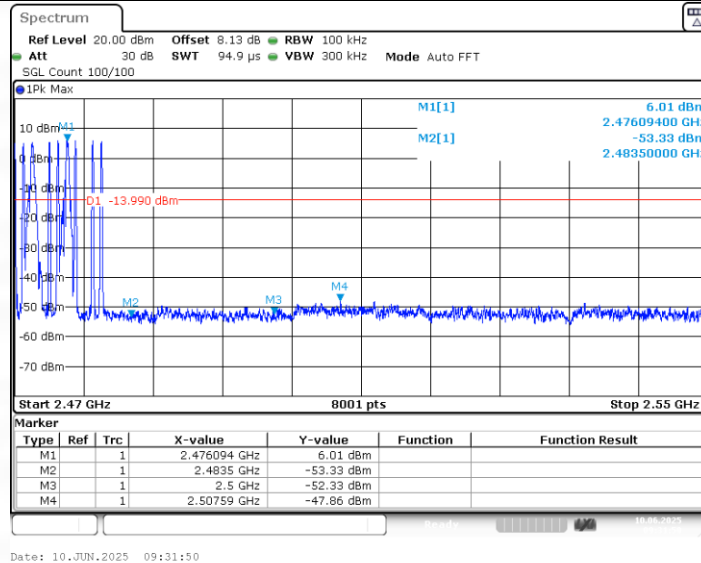
3DH5 Ant1 High 2480



3DH5 Ant1 Low Hop 2402



3DH5 Ant1 High Hop 2480

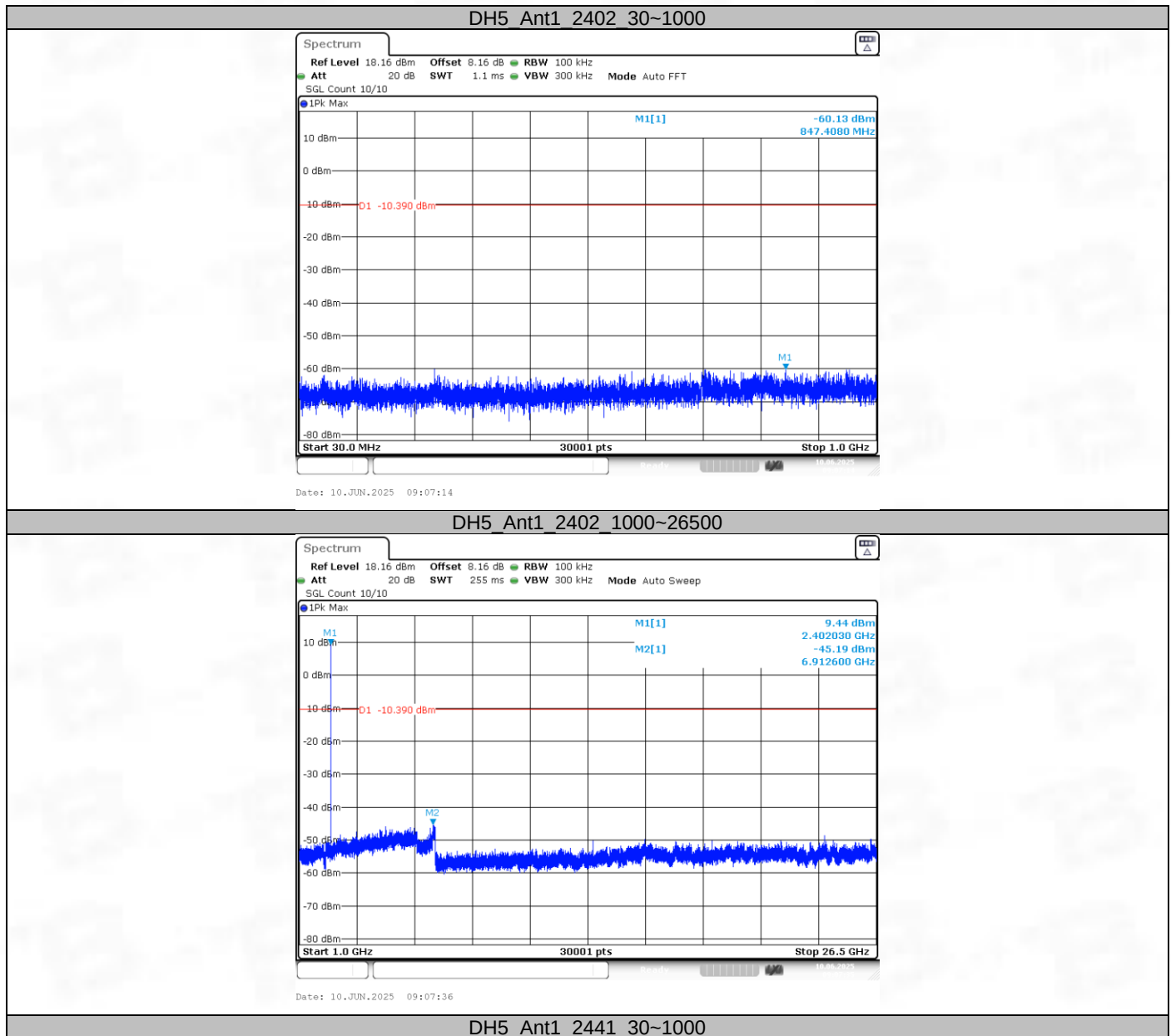


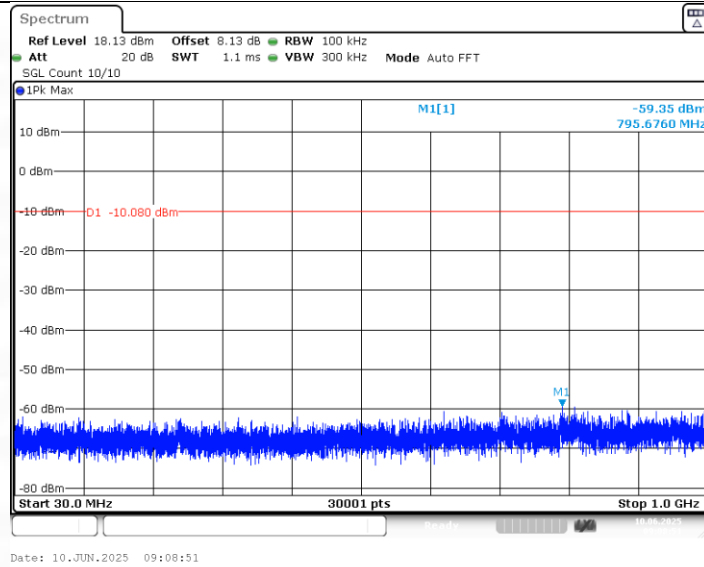
1.9 Appendix I: Conducted Spurious Emission

1.9.1 Test Result

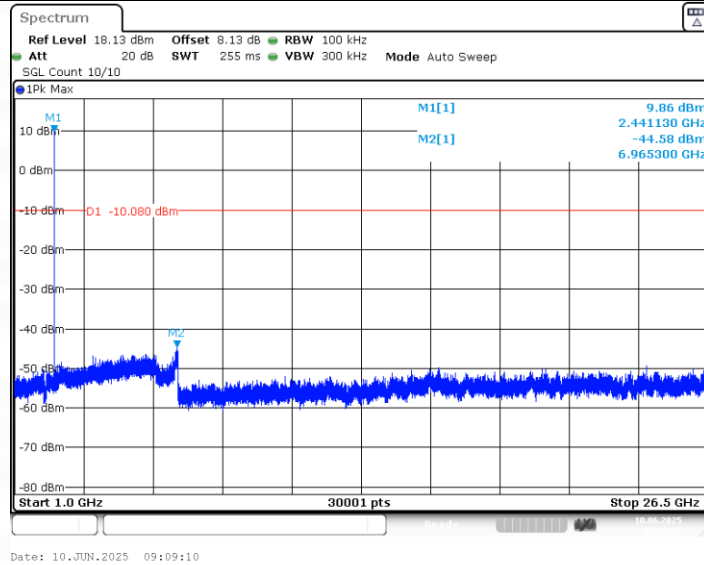
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~1000	9.61	-60.13	≤-10.39	PASS
			1000~26500	9.61	-45.19	≤-10.39	PASS
		2441	30~1000	9.92	-59.35	≤-10.08	PASS
			1000~26500	9.92	-44.58	≤-10.08	PASS
		2480	30~1000	8.94	-60.28	≤-11.06	PASS
			1000~26500	8.94	-45.3	≤-11.06	PASS
2DH5	Ant1	2402	30~1000	9.20	-60.04	≤-10.8	PASS
			1000~26500	9.20	-44.88	≤-10.8	PASS
		2441	30~1000	7.38	-45.63	≤-12.62	PASS
			1000~26500	7.38	-44.29	≤-12.62	PASS
		2480	30~1000	7.56	-59.7	≤-12.44	PASS
			1000~26500	7.56	-45.18	≤-12.44	PASS
3DH5	Ant1	2402	30~1000	7.21	-58.37	≤-12.79	PASS
			1000~26500	7.21	-44.21	≤-12.79	PASS
		2441	30~1000	9.12	-58.92	≤-10.88	PASS
			1000~26500	9.12	-43.3	≤-10.88	PASS
		2480	30~1000	6.90	-59.51	≤-13.1	PASS
			1000~26500	6.90	-45.21	≤-13.1	PASS

1.9.2 Test Graphs

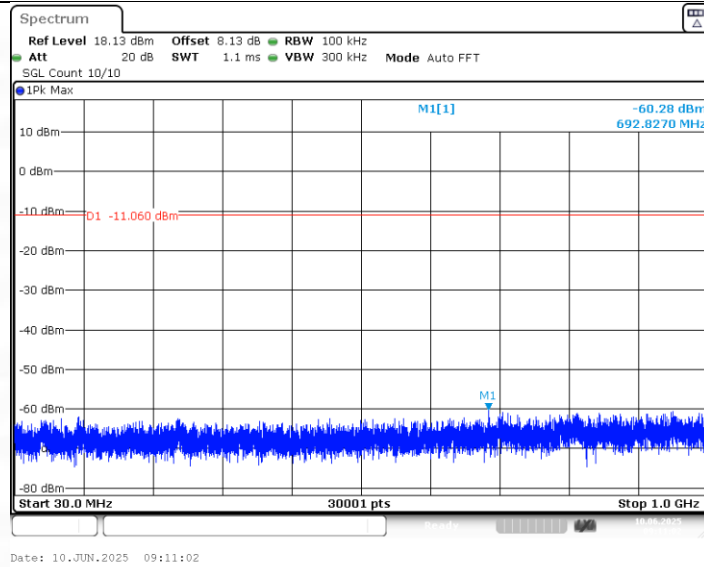




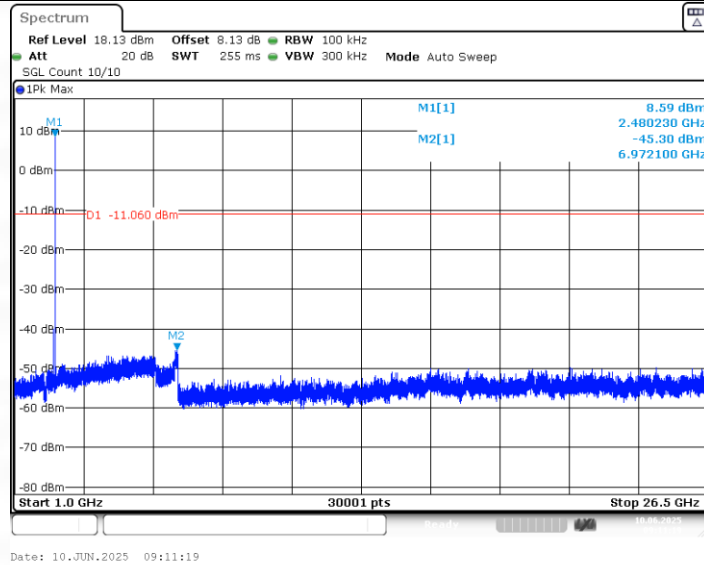
DH5 Ant1 2441 1000~26500



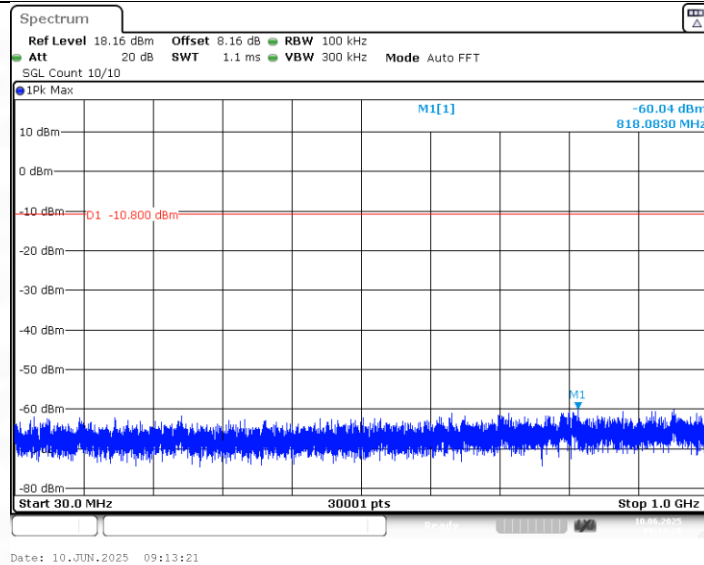
DH5 Ant1 2480 30~1000



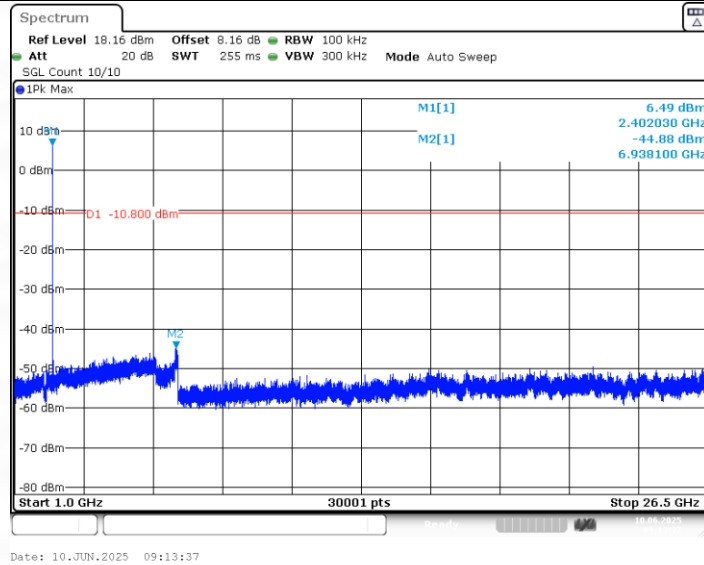
DH5 Ant1 2480 1000~26500



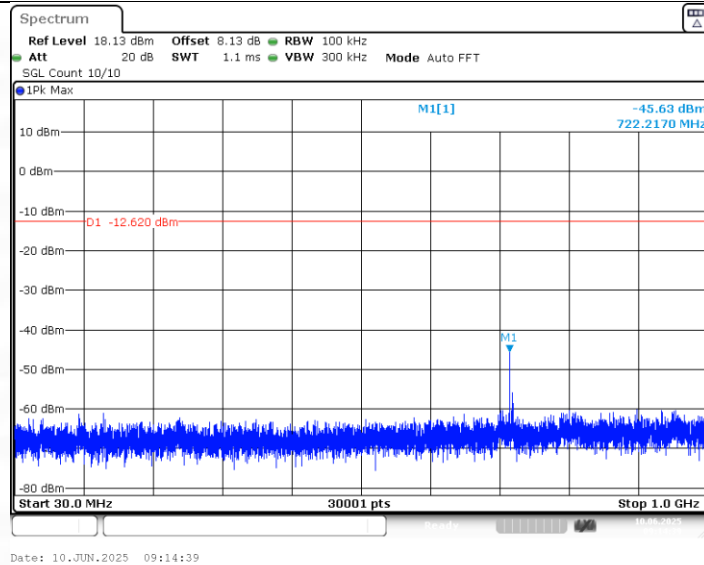
2DH5 Ant1 2402 30~1000



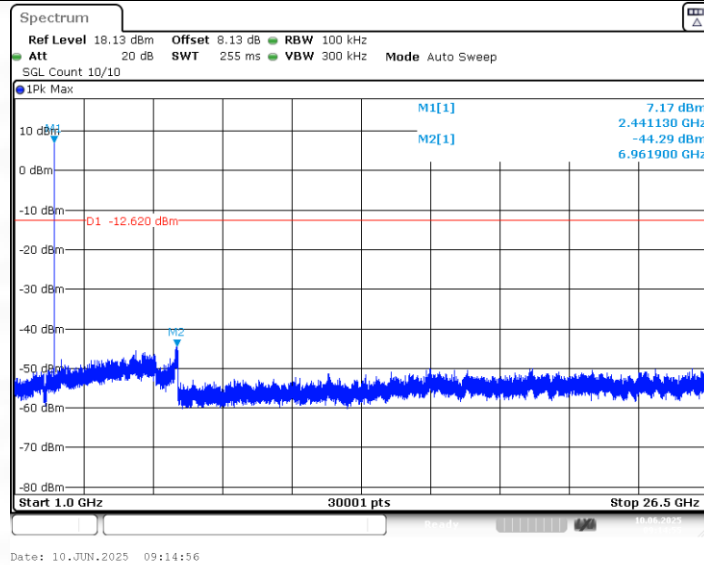
2DH5_Ant1_2402_1000~26500



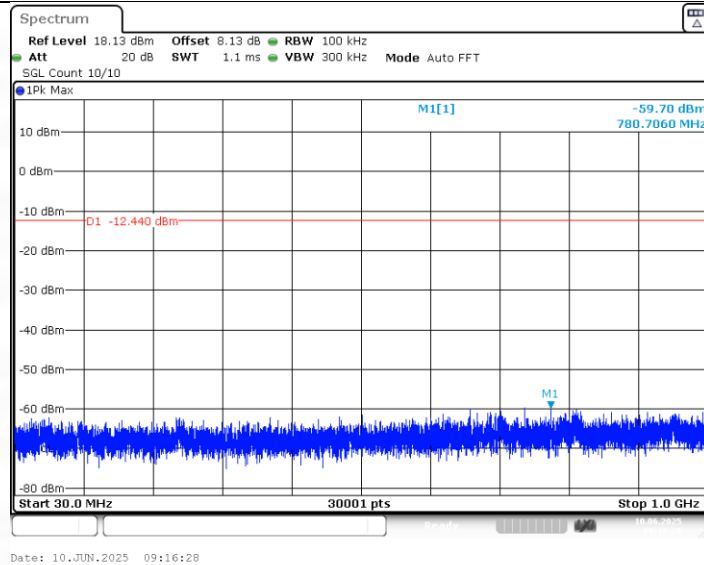
2DH5_Ant1_2441_30~1000



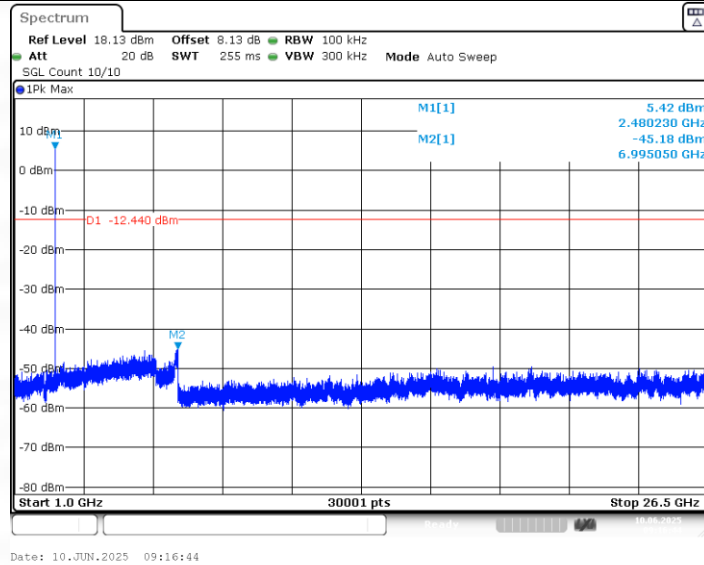
2DH5_Ant1_2441_1000~26500



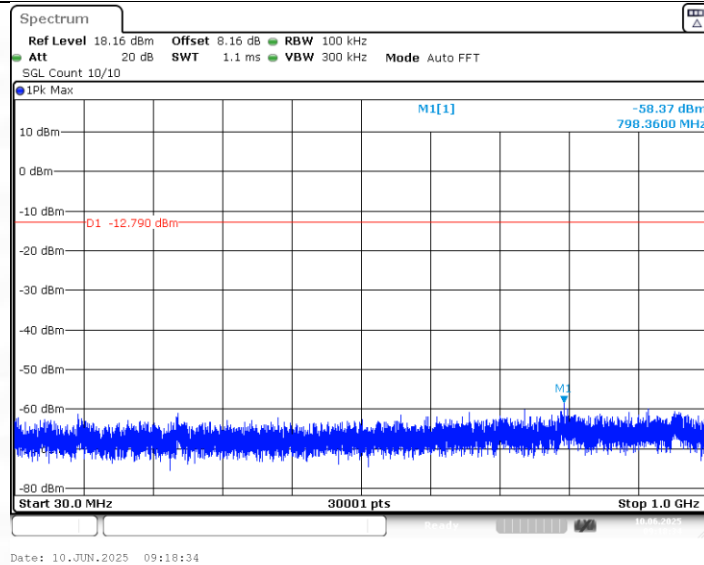
2DH5_Ant1_2480_30~1000



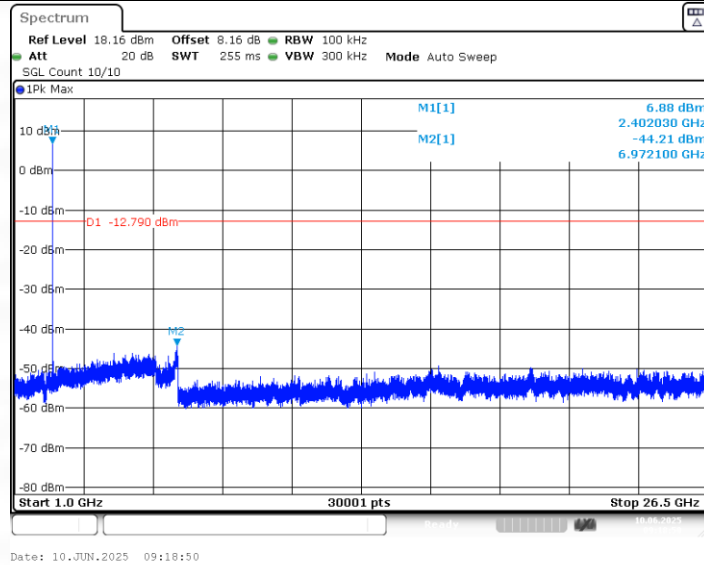
2DH5_Ant1_2480_1000~26500



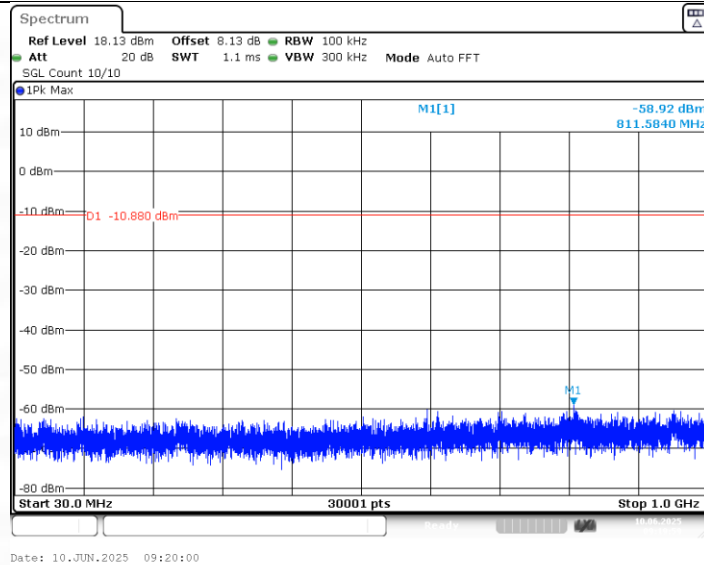
3DH5_Ant1_2402_30~1000



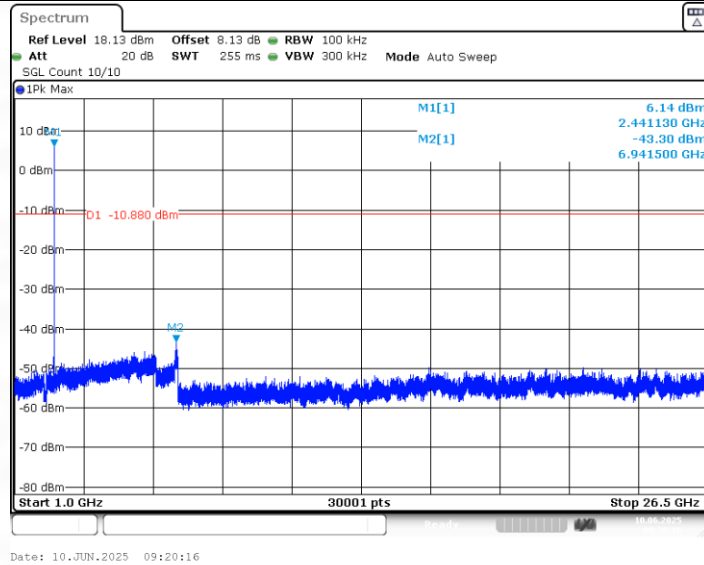
3DH5_Ant1_2402_1000~26500



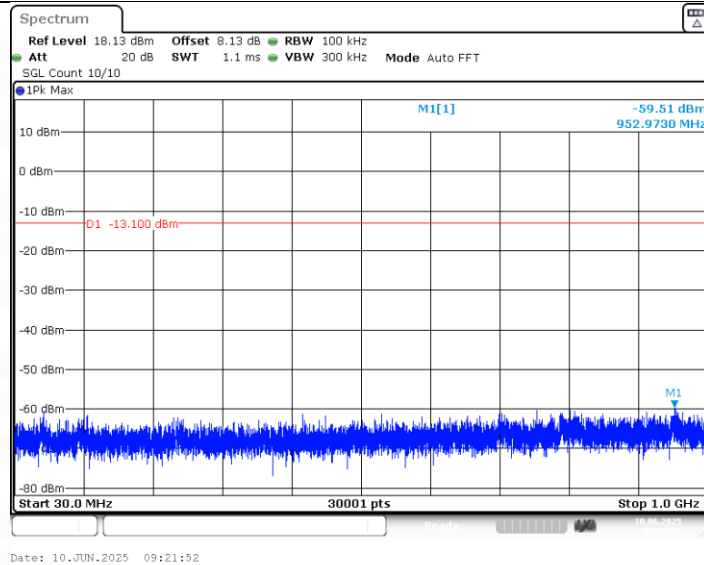
3DH5_Ant1_2441_30~1000



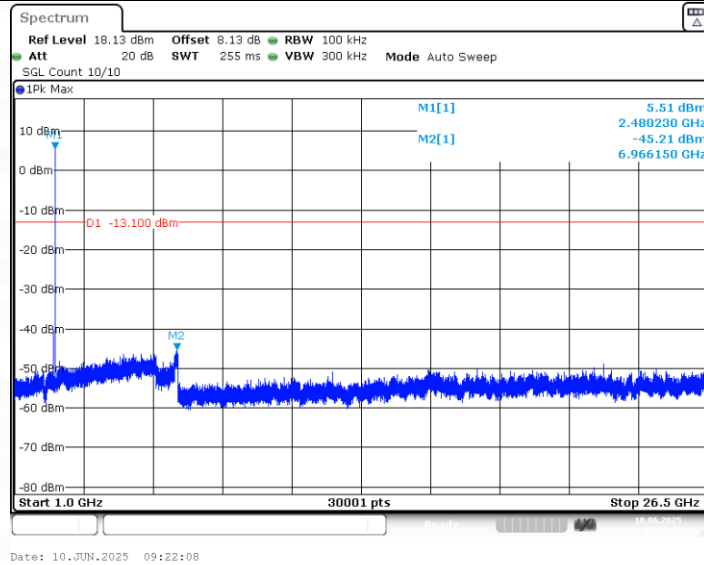
3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_30~1000



3DH5 Ant1 2480 1000~26500

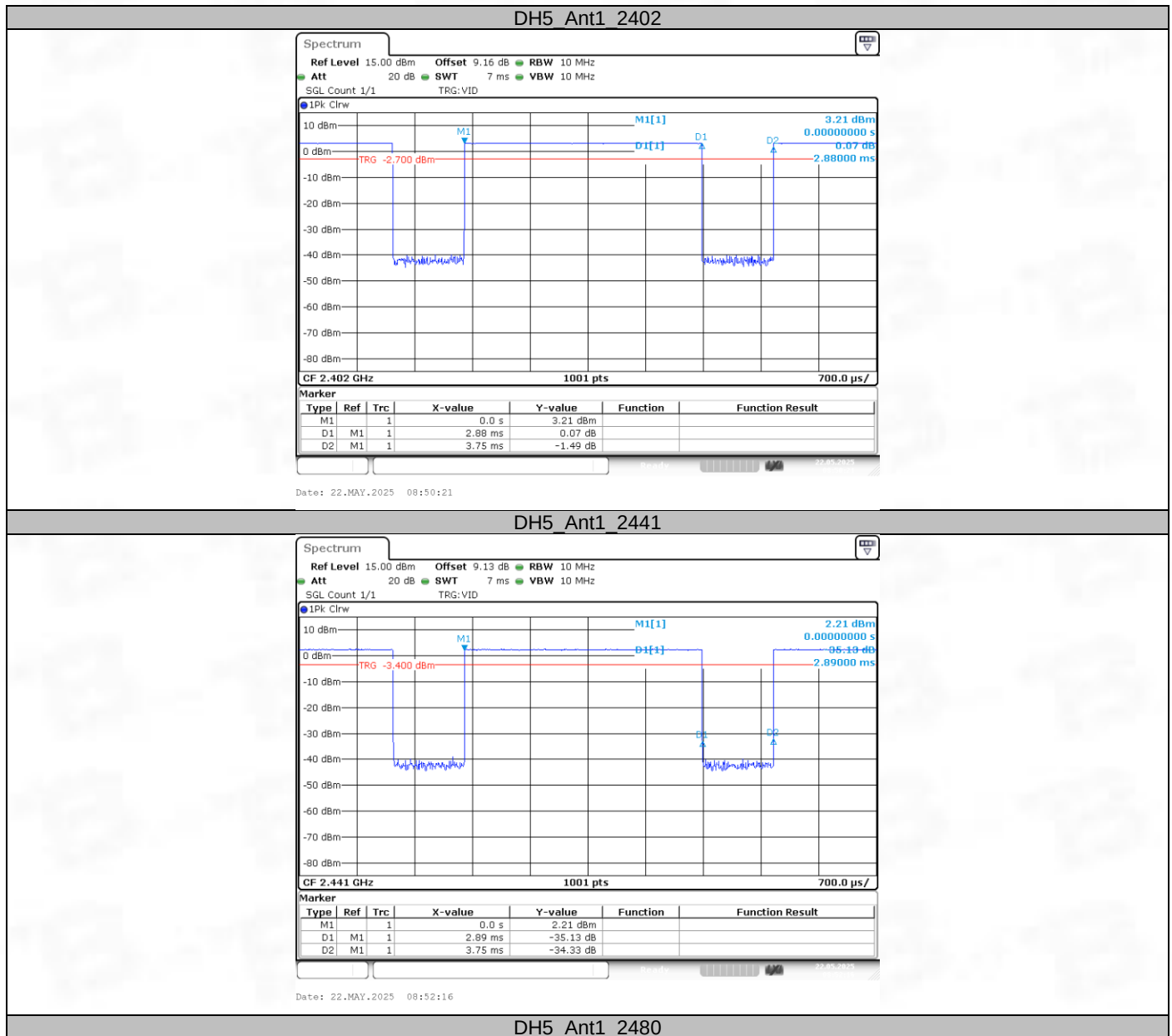


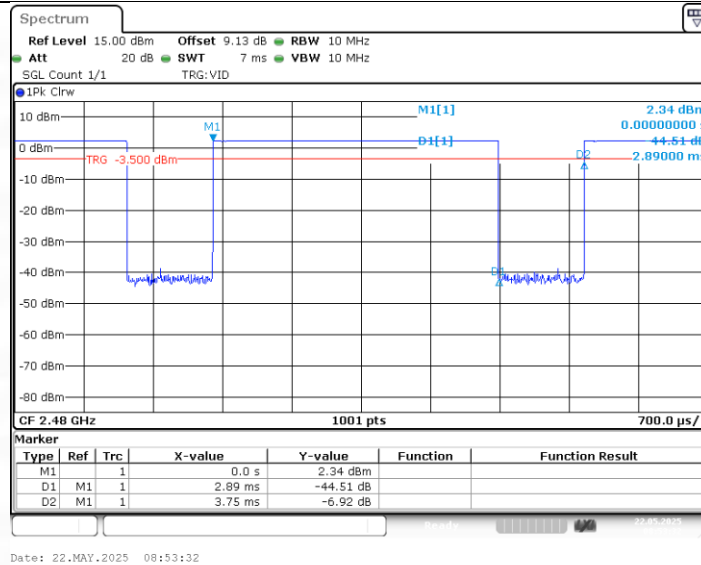
1.10 Appendix J: Duty Cycle

1.10.1 Test Result

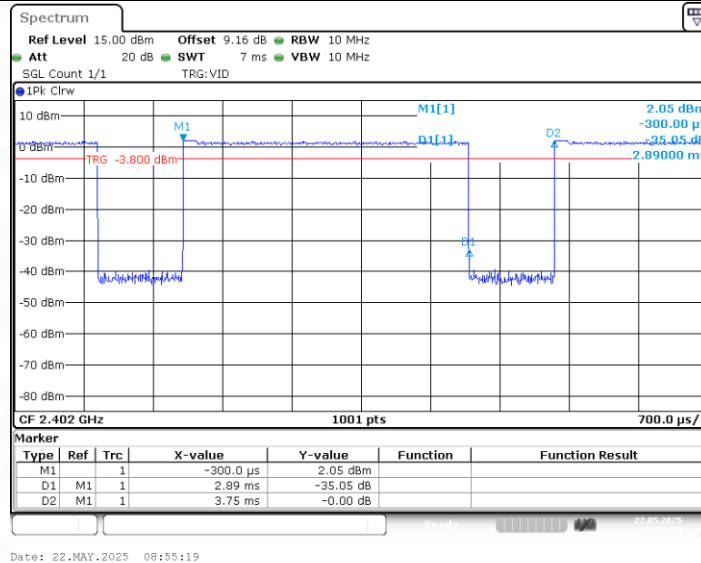
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.88	3.75	76.80	1.15	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.89	3.75	77.07	1.13	---	---
2DH5	Ant1	2402	2.89	3.75	77.07	1.13	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.89	3.75	77.07	1.13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

1.10.2 Test Graphs

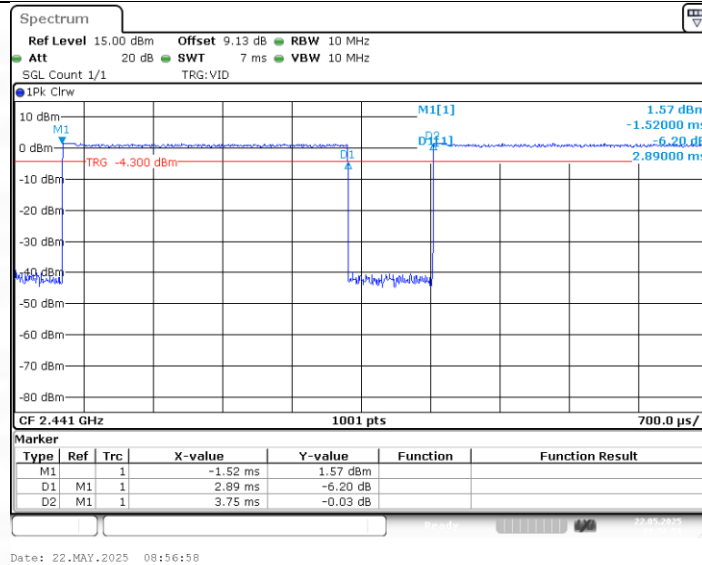




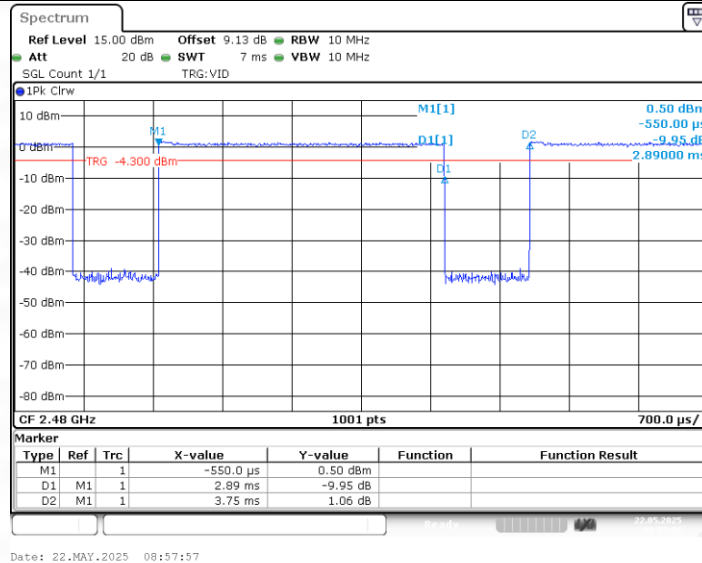
2DH5_Ant1_2402



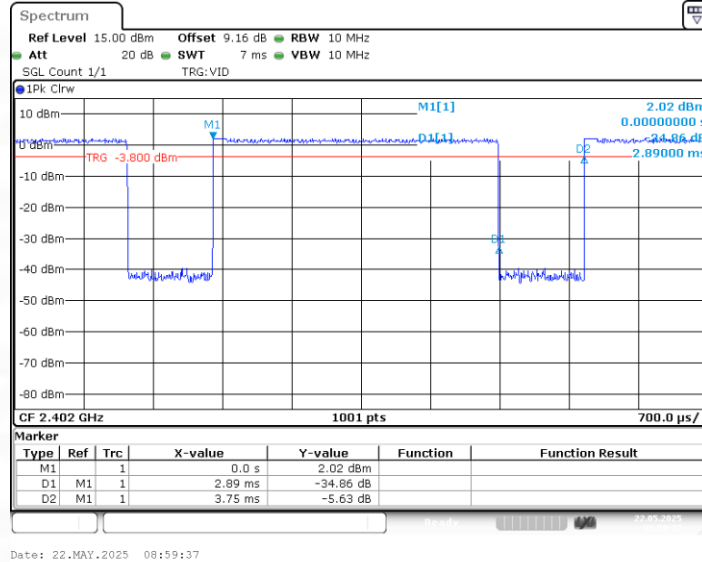
2DH5_Ant1_2441



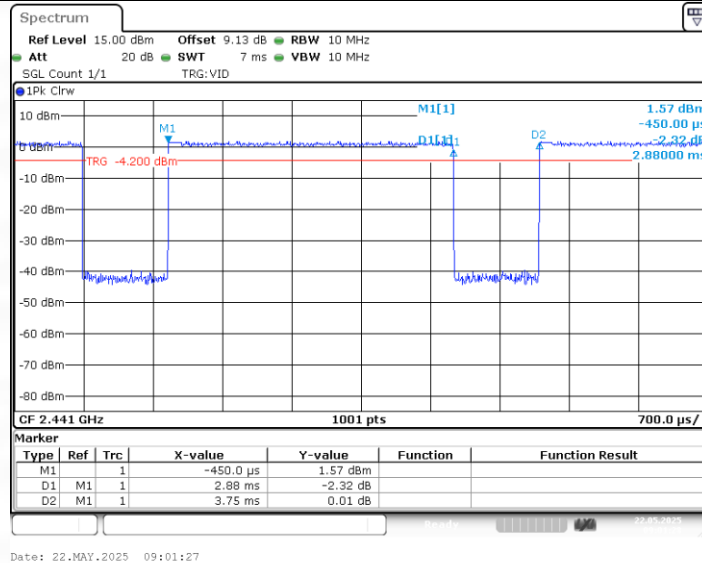
2DH5 Ant1 2480



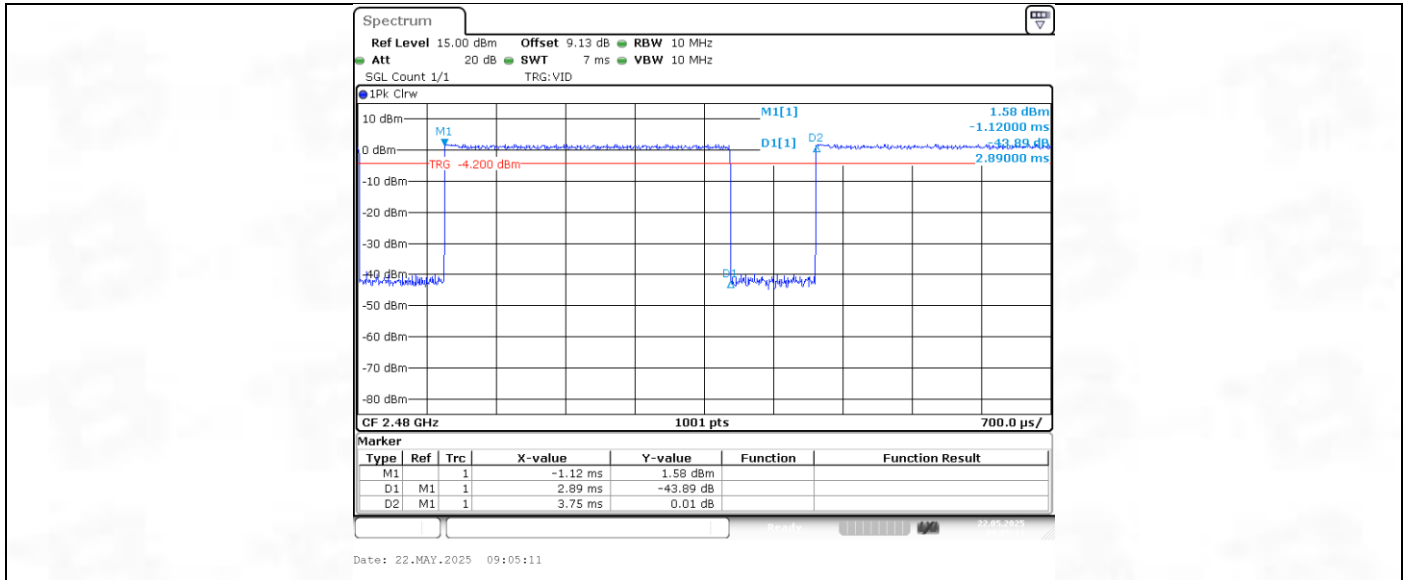
3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480



1.11 Appendix K: Emissions in Restricted Bands

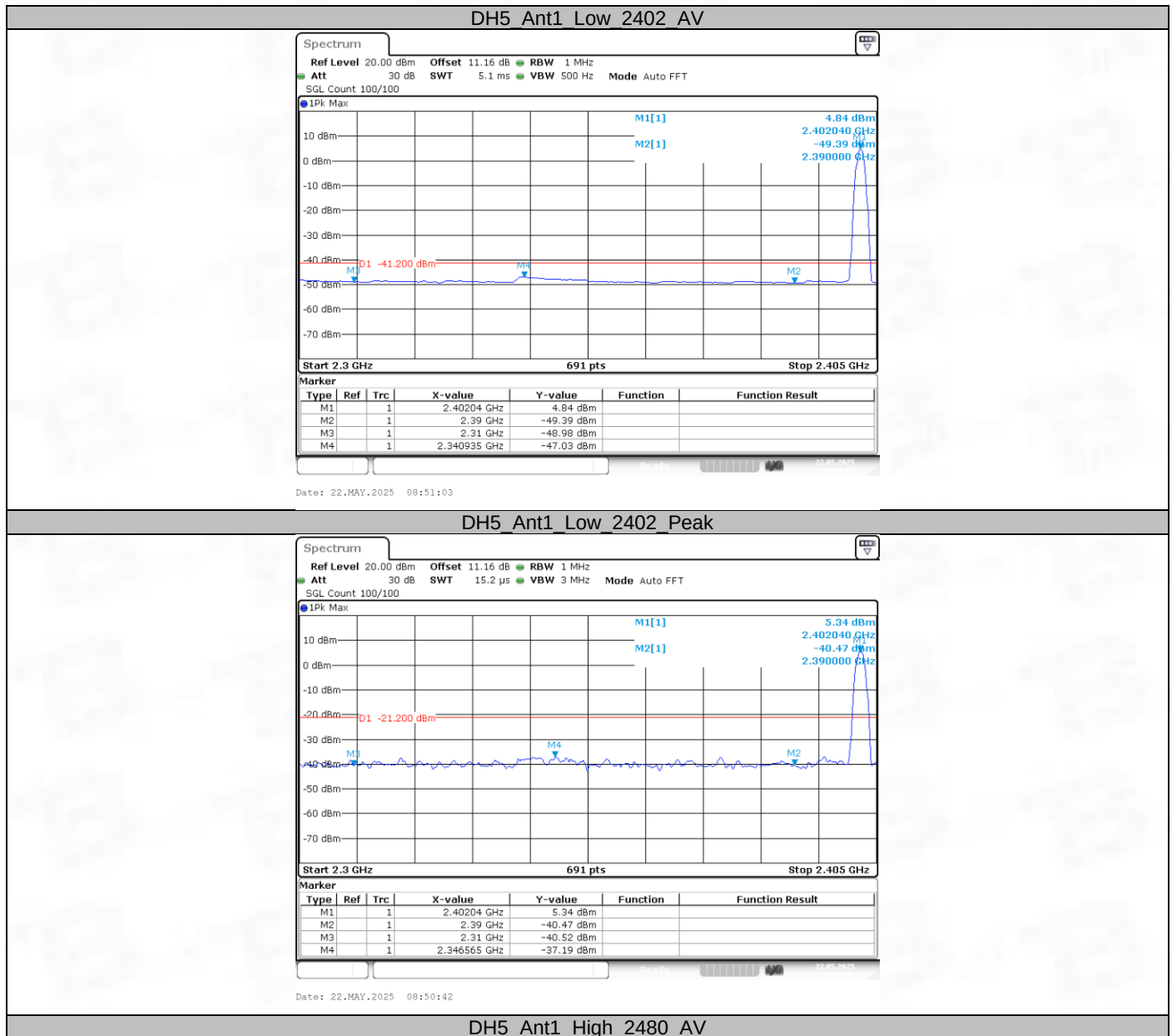
1.11.1 Test Result

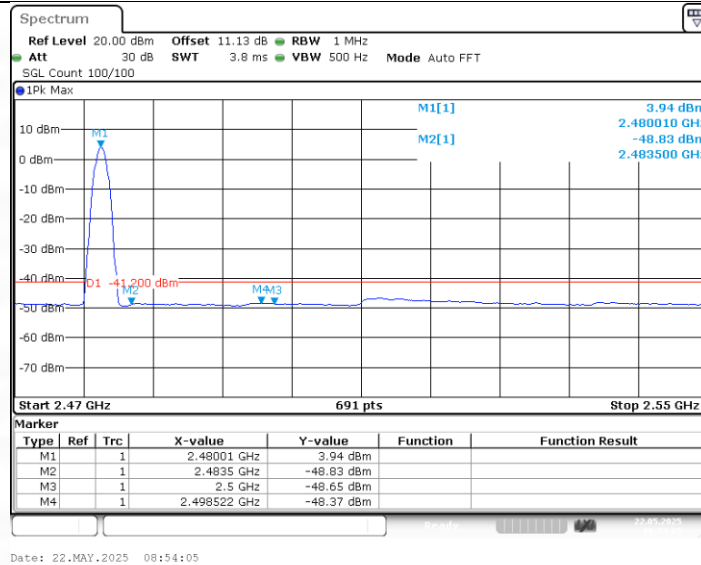
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-48.98	≤-41.20	46.22	≤54	PASS
				AV	2340.935	-47.03	≤-41.20	48.17	≤54	PASS
				AV	2390.000	-49.39	≤-41.20	45.81	≤54	PASS
				Peak	2310.000	-40.52	≤-21.20	54.68	≤74	PASS
				Peak	2346.565	-37.19	≤-21.20	58.01	≤74	PASS
				Peak	2390.000	-40.47	≤-21.20	54.73	≤74	PASS
		High	2480	AV	2483.500	-48.83	≤-41.20	46.37	≤54	PASS
				AV	2498.522	-48.37	≤-41.20	46.83	≤54	PASS
				AV	2500.000	-48.65	≤-41.20	46.55	≤54	PASS
				Peak	2483.500	-42	≤-21.20	53.20	≤74	PASS
				Peak	2498.406	-37.12	≤-21.20	58.08	≤74	PASS
				Peak	2500.000	-38.28	≤-21.20	56.92	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-38.8	≤-21.20	56.40	≤74	PASS
				Peak	2382.478	-35.95	≤-21.20	59.25	≤74	PASS
				Peak	2390.000	-39.98	≤-21.20	55.22	≤74	PASS
		High	Hop_2480	Peak	2483.500	-41.24	≤-21.20	53.96	≤74	PASS
				Peak	2484.029	-36.98	≤-21.20	58.22	≤74	PASS
				Peak	2500.000	-39.73	≤-21.20	55.47	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-49.02	≤-41.20	46.18	≤54	PASS
				AV	2341.087	-47.01	≤-41.20	48.19	≤54	PASS
				AV	2390.000	-49.25	≤-41.20	45.95	≤54	PASS
				Peak	2310.000	-39.63	≤-21.20	55.57	≤74	PASS
				Peak	2346.109	-36.34	≤-21.20	58.86	≤74	PASS
				Peak	2390.000	-38.68	≤-21.20	56.52	≤74	PASS
		High	2480	AV	2483.500	-48.88	≤-41.20	46.32	≤54	PASS
				AV	2497.246	-48.36	≤-41.20	46.84	≤54	PASS
				AV	2500.000	-48.62	≤-41.20	46.58	≤54	PASS
				Peak	2483.500	-40.23	≤-21.20	54.97	≤74	PASS
				Peak	2489.826	-37.29	≤-21.20	57.91	≤74	PASS
				Peak	2500.000	-39.81	≤-21.20	55.39	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-39.78	≤-21.20	55.42	≤74	PASS
				Peak	2340.174	-36.42	≤-21.20	58.78	≤74	PASS
				Peak	2390.000	-39.01	≤-21.20	56.19	≤74	PASS
		High	Hop_2480	Peak	2483.500	-41.66	≤-21.20	53.54	≤74	PASS
				Peak	2495.043	-38	≤-21.20	57.20	≤74	PASS
				Peak	2500.000	-39.46	≤-21.20	55.74	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.94	≤-41.20	46.26	≤54	PASS
				AV	2340.783	-46.98	≤-41.20	48.22	≤54	PASS
				AV	2390.000	-49.29	≤-41.20	45.91	≤54	PASS
				Peak	2310.000	-39.67	≤-21.20	55.53	≤74	PASS
				Peak	2344.435	-35.75	≤-21.20	59.45	≤74	PASS
				Peak	2390.000	-39.31	≤-21.20	55.89	≤74	PASS
		High	2480	AV	2483.500	-48.77	≤-41.20	46.43	≤54	PASS
				AV	2498.290	-48.3	≤-41.20	46.90	≤54	PASS
				AV	2500.000	-48.67	≤-41.20	46.53	≤54	PASS
				Peak	2483.500	-41.96	≤-21.20	53.24	≤74	PASS
				Peak	2490.406	-37.8	≤-21.20	57.40	≤74	PASS
				Peak	2500.000	-41.18	≤-21.20	54.02	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-40.98	≤-21.20	54.22	≤74	PASS
				Peak	2340.478	-36.61	≤-21.20	58.59	≤74	PASS
				Peak	2390.000	-40.73	≤-21.20	54.47	≤74	PASS
		High	Hop_2480	Peak	2483.500	-40.82	≤-21.20	54.38	≤74	PASS
				Peak	2499.449	-37.73	≤-21.20	57.47	≤74	PASS
				Peak	2500.000	-39	≤-21.20	56.20	≤74	PASS

Note:

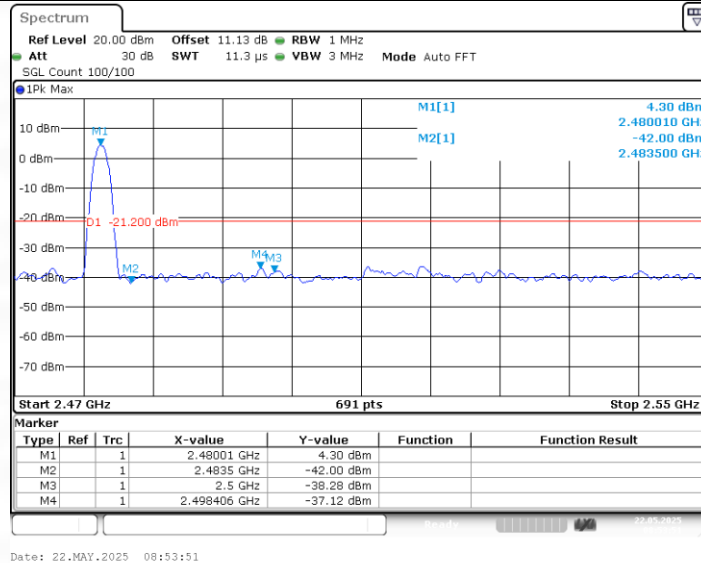
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

1.11.2 Test Graphs

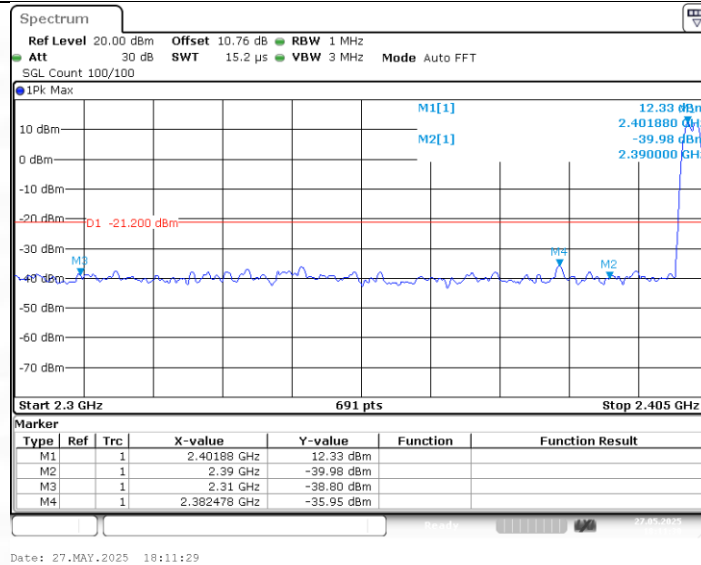




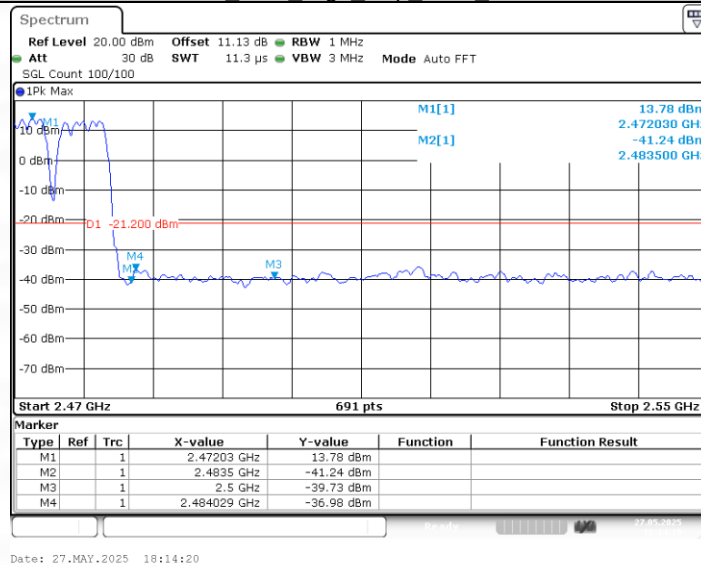
DH5 Ant1 High 2480 Peak



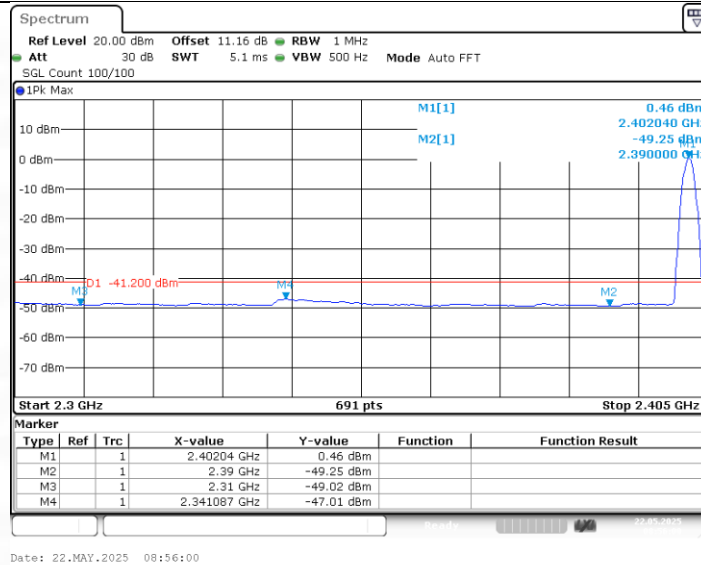
DH5 Ant1 Low Hop 2402 Peak



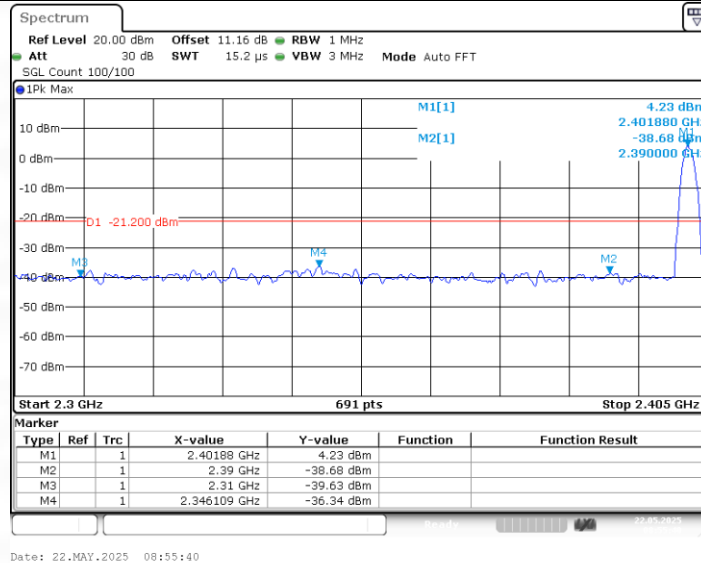
DH5 Ant1 High Hop 2480 Peak



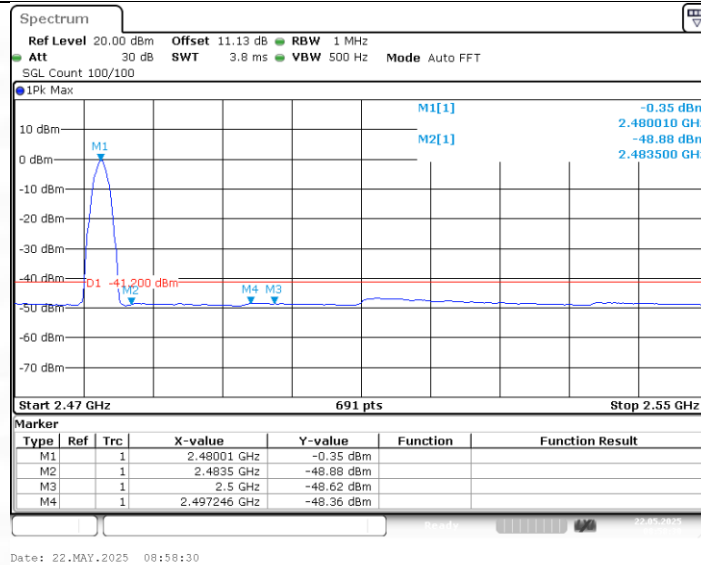
2DH5 Ant1 Low 2402_AV



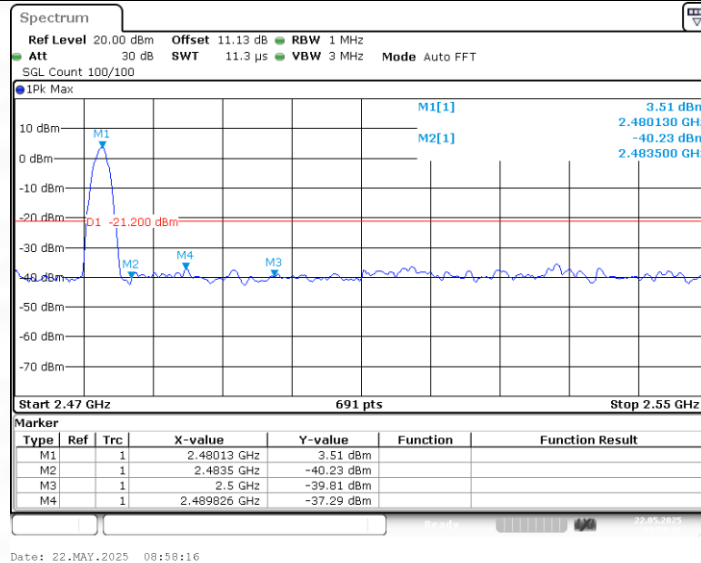
2DH5 Ant1 Low 2402 Peak



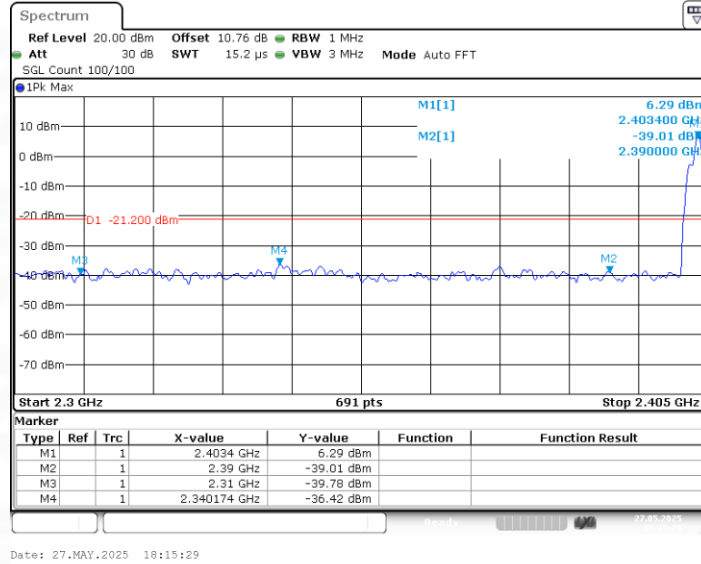
2DH5 Ant1 High 2480 AV



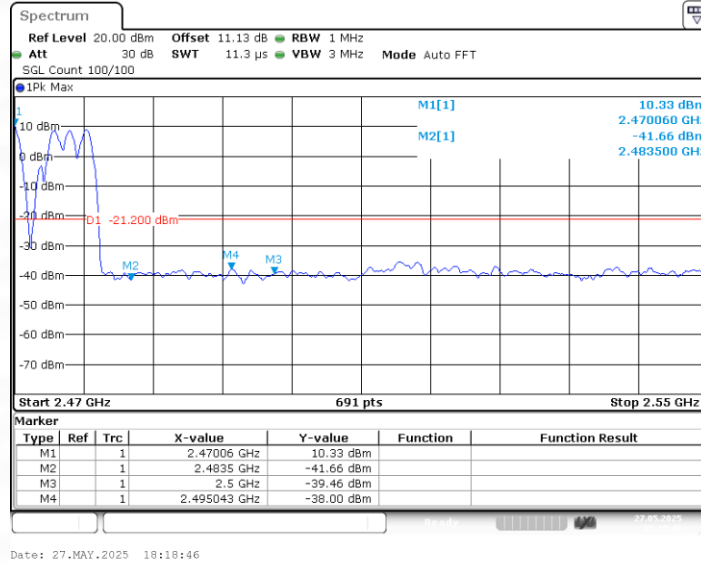
2DH5 Ant1 High 2480 Peak



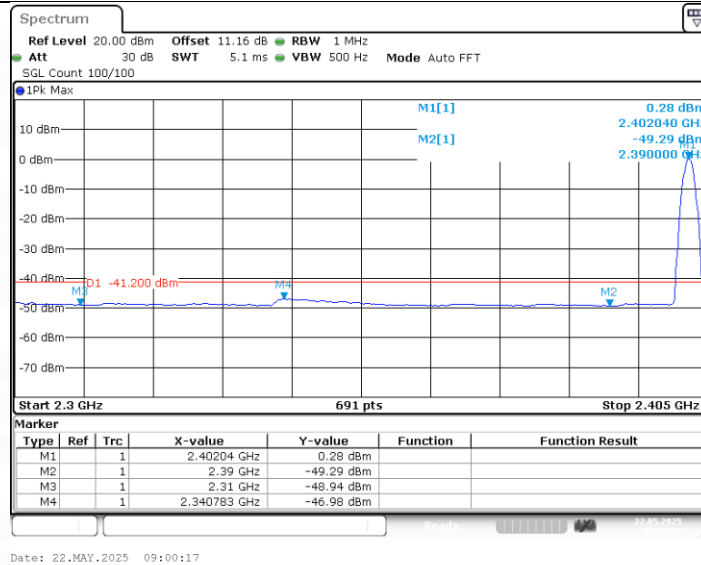
2DH5 Ant1 Low Hop 2402 Peak



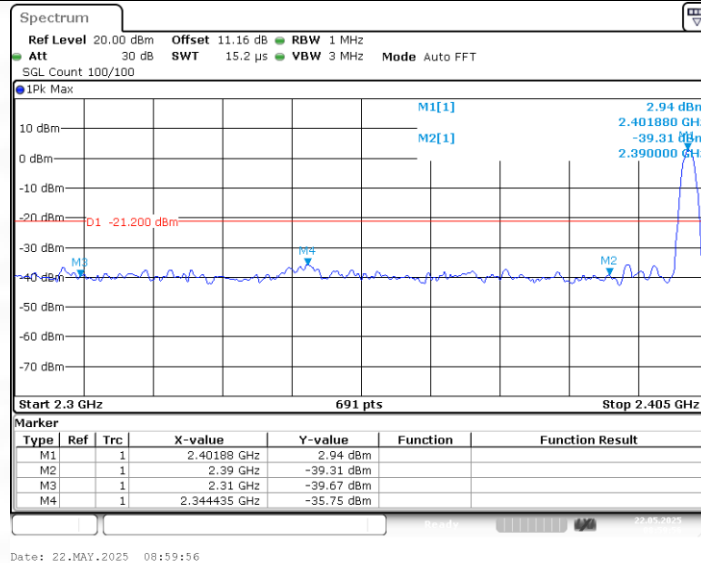
2DH5 Ant1 High Hop 2480 Peak



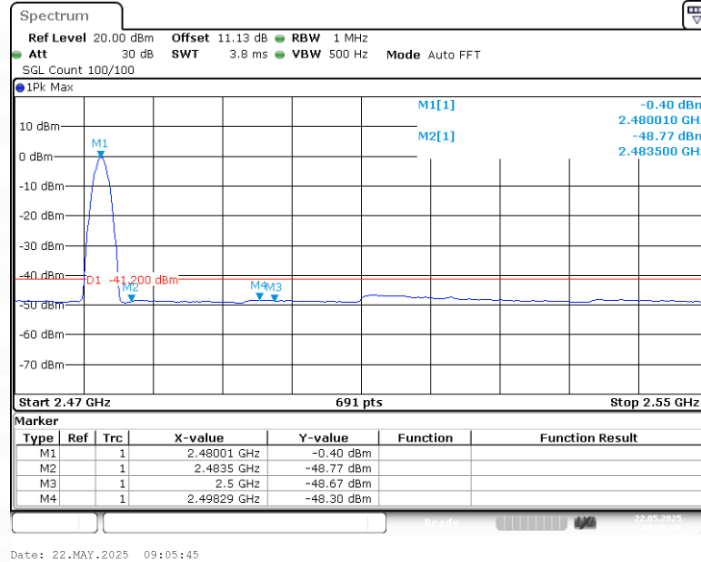
3DH5 Ant1 Low 2402_AV



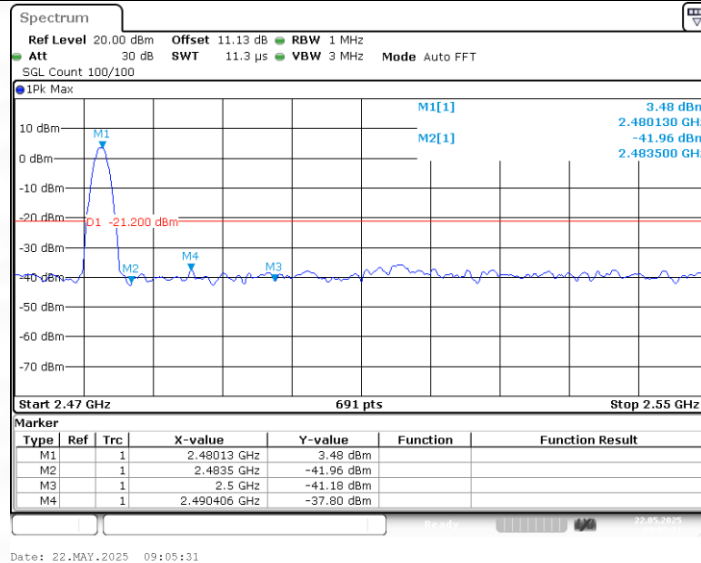
3DH5 Ant1 Low 2402 Peak



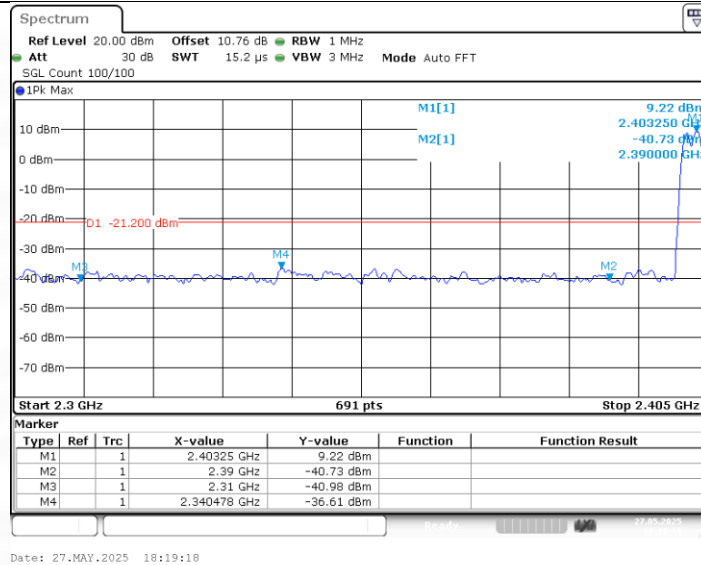
3DH5 Ant1 High 2480 AV



3DH5 Ant1 High 2480 Peak



3DH5 Ant1 Low Hop 2402 Peak



3DH5 Ant1 High Hop 2480 Peak

