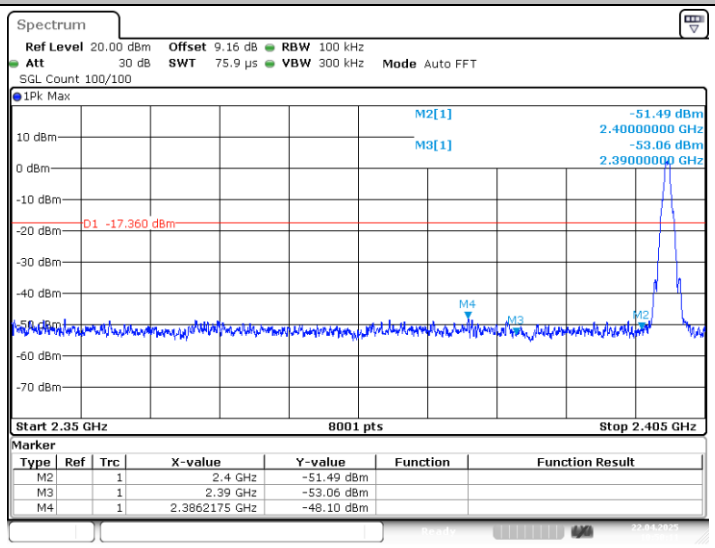
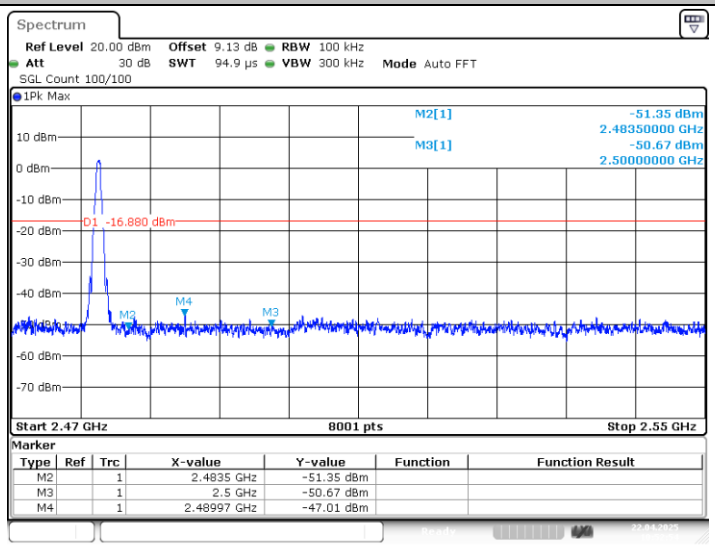
Test Graphs

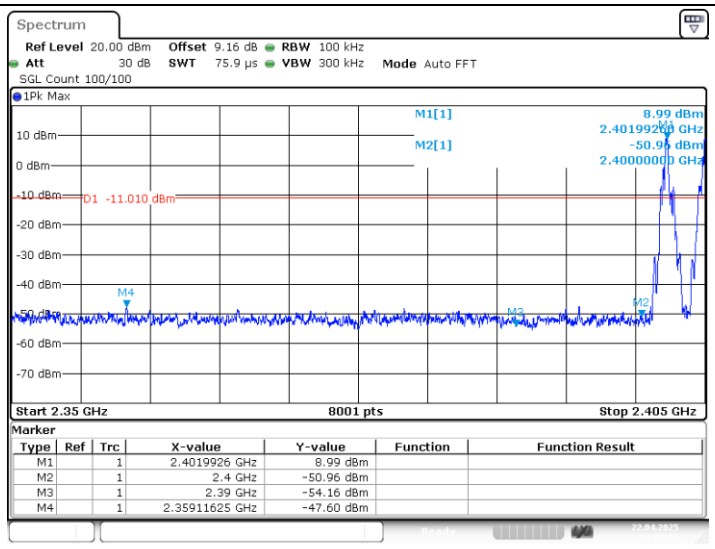
DH5_Ant1_Low_2402



DH5_Ant1_High_2480

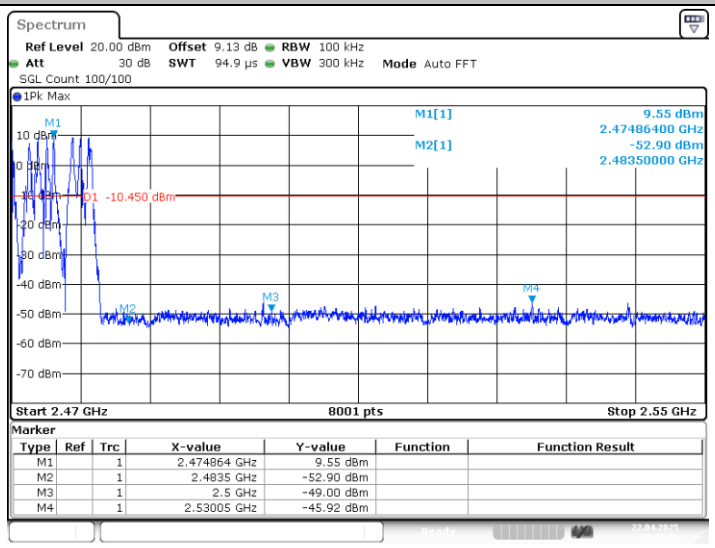


DH5_Ant1_Low_Hop_2402



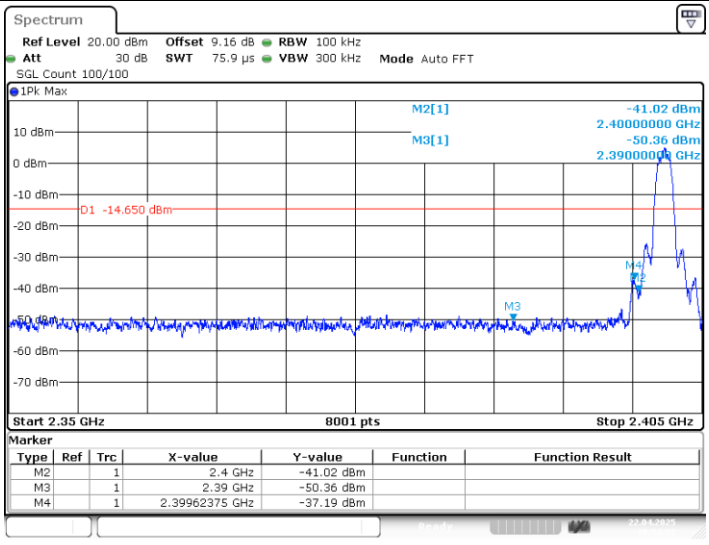
Date: 22.APR.2025 11:03:01

DH5_Ant1_High_Hop_2480



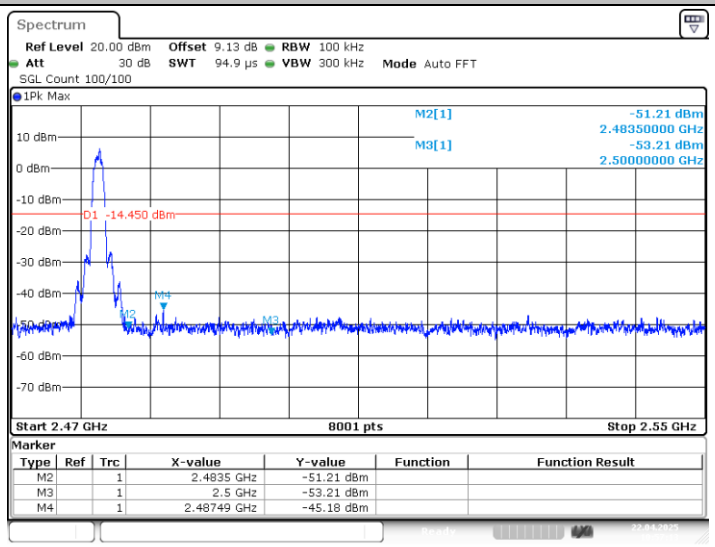
Date: 22.APR.2025 11:05:06

2DH5_Ant1_Low_2402



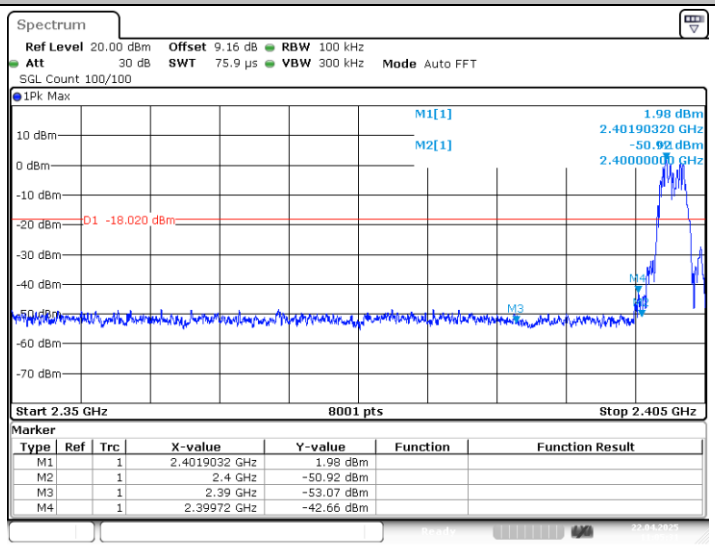
Date: 22.APR.2025 10:54:32

2DH5_Ant1_High_2480



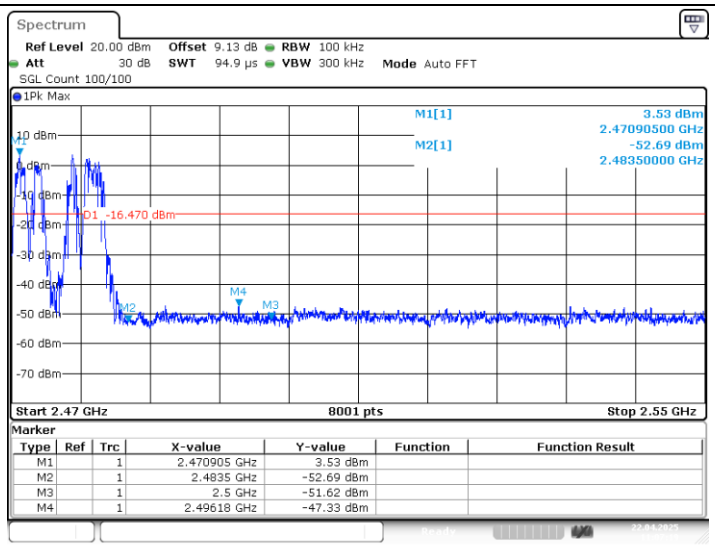
Date: 22.APR.2025 10:57:12

2DH5_Ant1_Low_Hop_2402



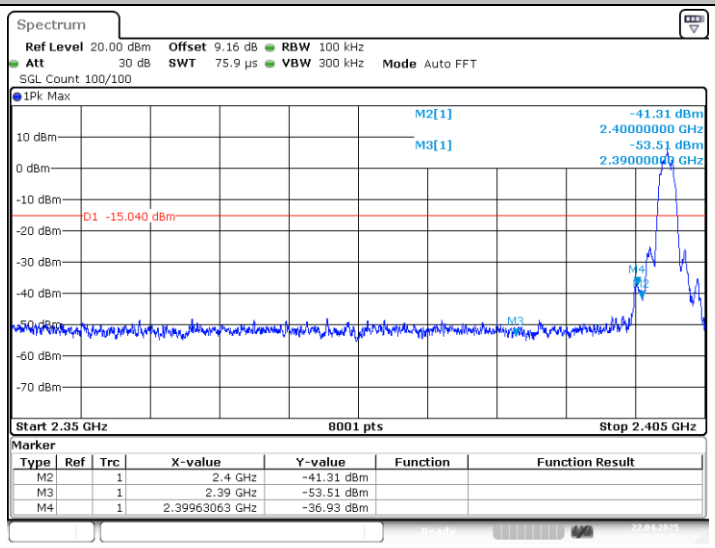
Date: 22.APR.2025 11:05:30

2DH5_Ant1_High_Hop_2480



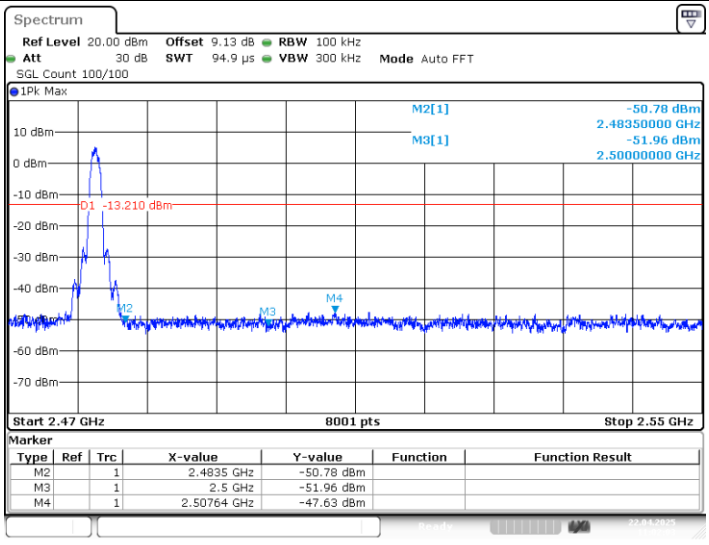
Date: 22.APR.2025 11:07:19

3DH5_Ant1_Low_2402



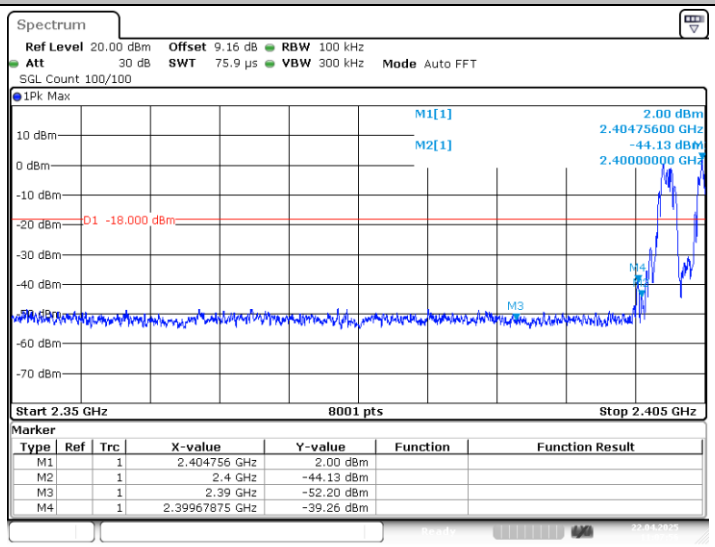
Date: 22.APR.2025 10:59:25

3DH5_Ant1_High_2480



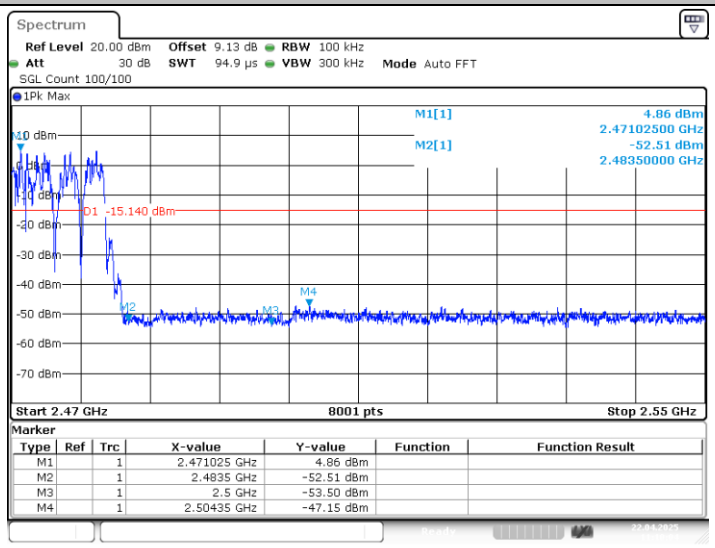
Date: 22.APR.2025 11:02:03

3DH5_Ant1_Low_Hop_2402



Date: 22.APR.2025 11:07:56

3DH5_Ant1_High_Hop_2480



Date: 22.APR.2025 11:10:04

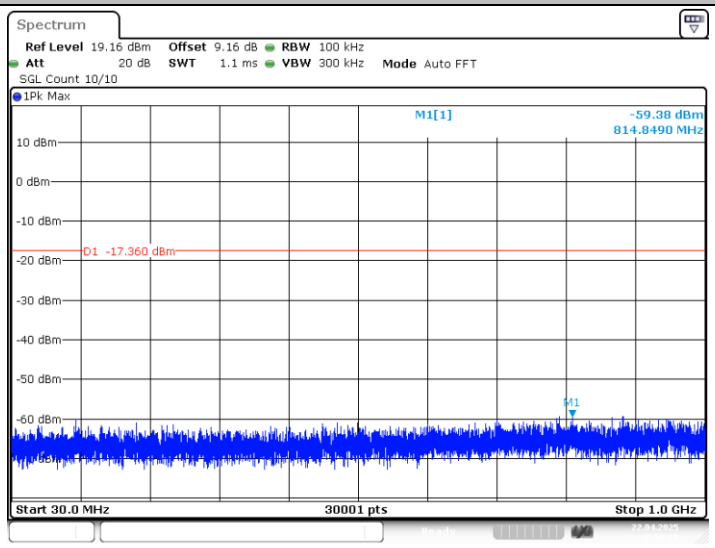
Appendix I: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~1000	2.64	-59.38	≤-17.36	PASS
			1000~26500	2.64	-43.05	≤-17.36	PASS
		2441	30~1000	2.26	-58.39	≤-17.74	PASS
			1000~26500	2.26	-44.49	≤-17.74	PASS
		2480	30~1000	3.12	-57.94	≤-16.88	PASS
			1000~26500	3.12	-44.62	≤-16.88	PASS
2DH5	Ant1	2402	30~1000	5.35	-58.97	≤-14.65	PASS
			1000~26500	5.35	-44.36	≤-14.65	PASS
		2441	30~1000	6.46	-58.72	≤-13.54	PASS
			1000~26500	6.46	-44.82	≤-13.54	PASS
		2480	30~1000	5.55	-58.71	≤-14.45	PASS
			1000~26500	5.55	-44.66	≤-14.45	PASS
3DH5	Ant1	2402	30~1000	4.96	-57.37	≤-15.04	PASS
			1000~26500	4.96	-44.91	≤-15.04	PASS
		2441	30~1000	6.13	-58.85	≤-13.87	PASS
			1000~26500	6.13	-44.51	≤-13.87	PASS
		2480	30~1000	6.79	-59.23	≤-13.21	PASS
			1000~26500	6.79	-43.57	≤-13.21	PASS

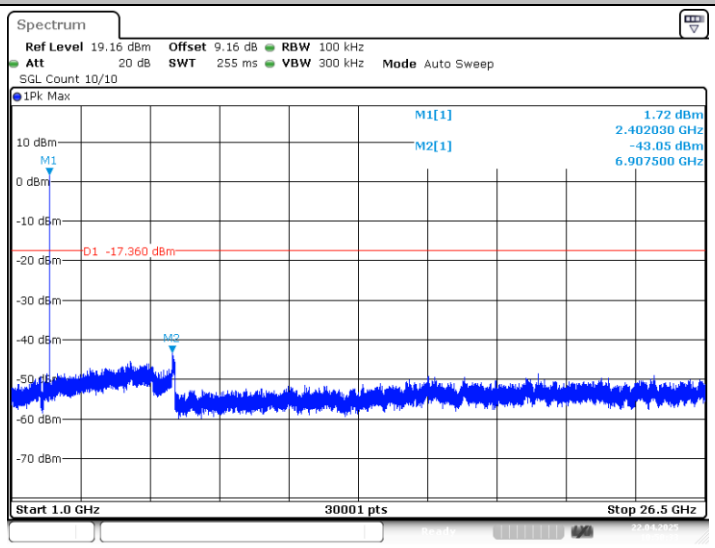
Test Graphs

DH5_Ant1_2402_30~1000



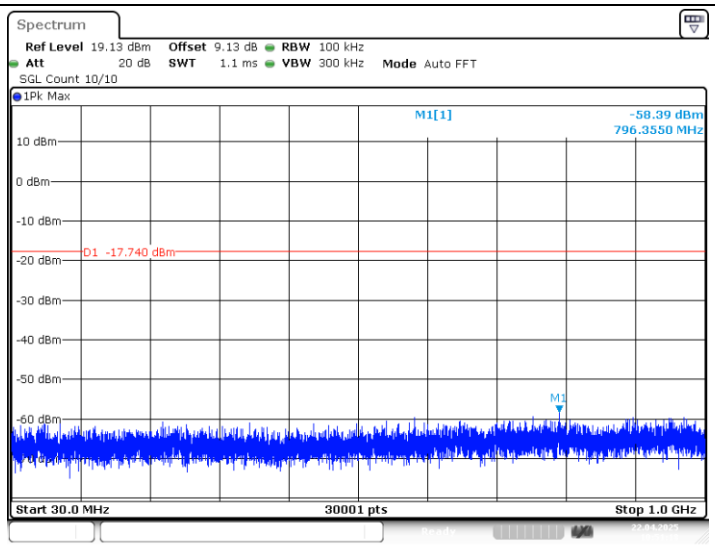
Date: 22.APR.2025 10:50:18

DH5_Ant1_2402_1000~26500



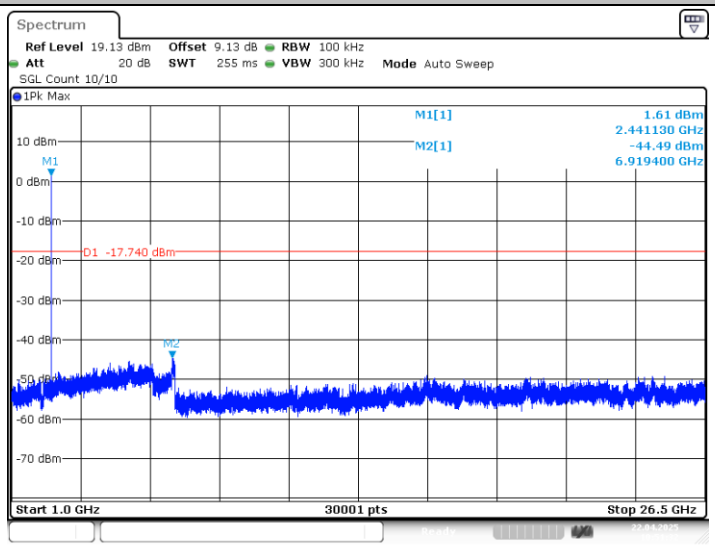
Date: 22.APR.2025 10:50:33

DH5_Ant1_2441_30~1000



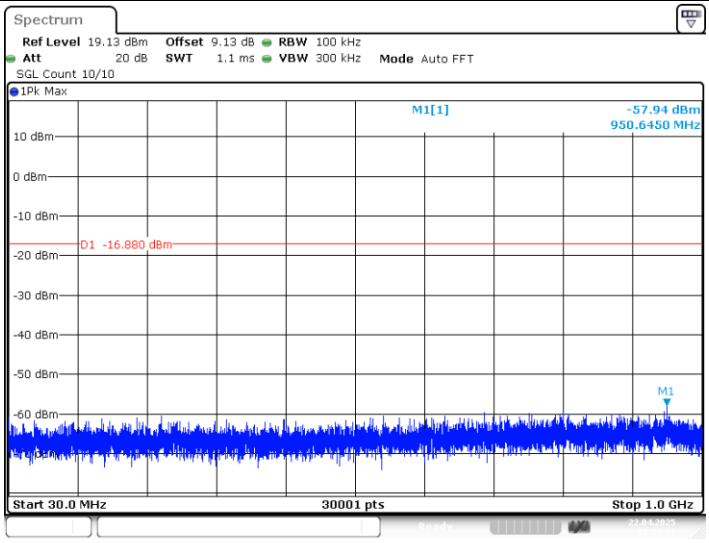
Date: 22.APR.2025 10:51:18

DH5_Ant1_2441_1000~26500



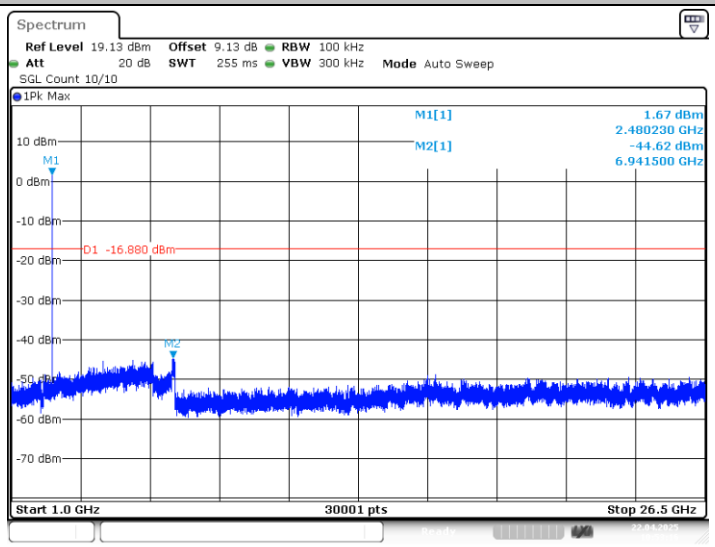
Date: 22.APR.2025 10:51:33

DH5_Ant1_2480_30~1000



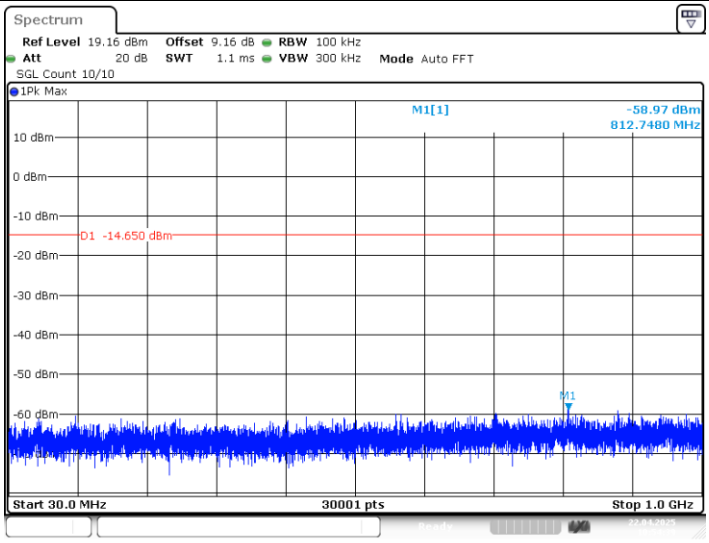
Date: 22.APR.2025 10:53:01

DH5_Ant1_2480_1000~26500



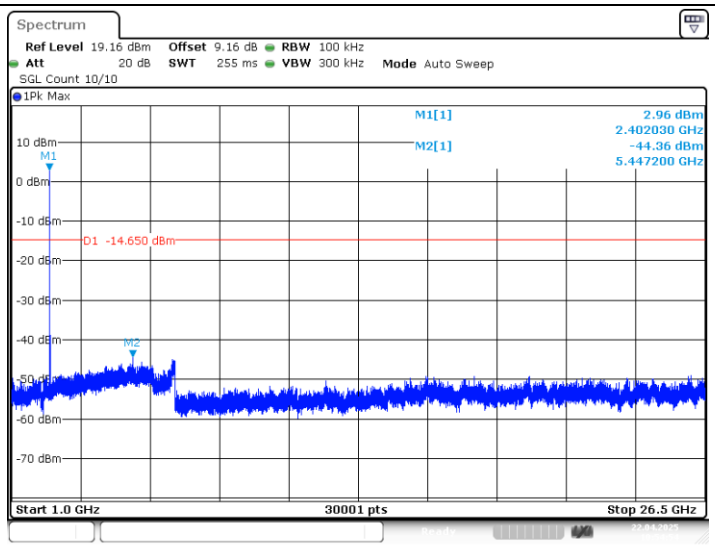
Date: 22.APR.2025 10:53:16

2DH5_Ant1_2402_30~1000



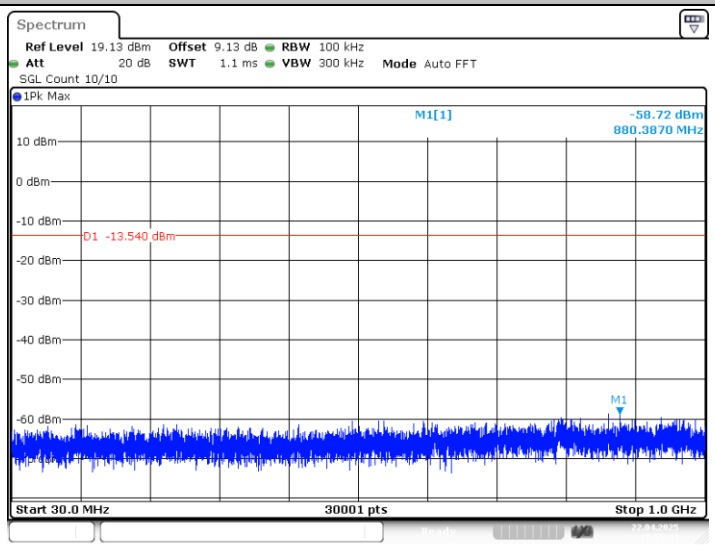
Date: 22.APR.2025 10:54:39

2DH5_Ant1_2402_1000~26500



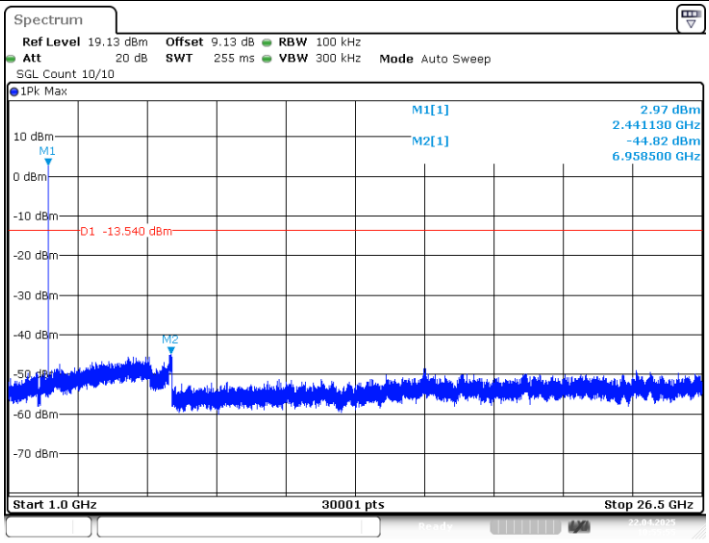
Date: 22.APR.2025 10:54:54

2DH5_Ant1_2441_30~1000



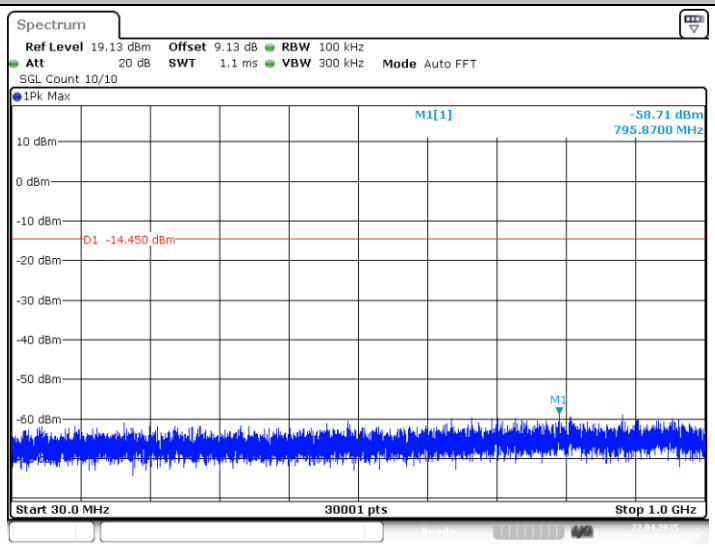
Date: 22.APR.2025 10:55:40

2DH5_Ant1_2441_1000~26500

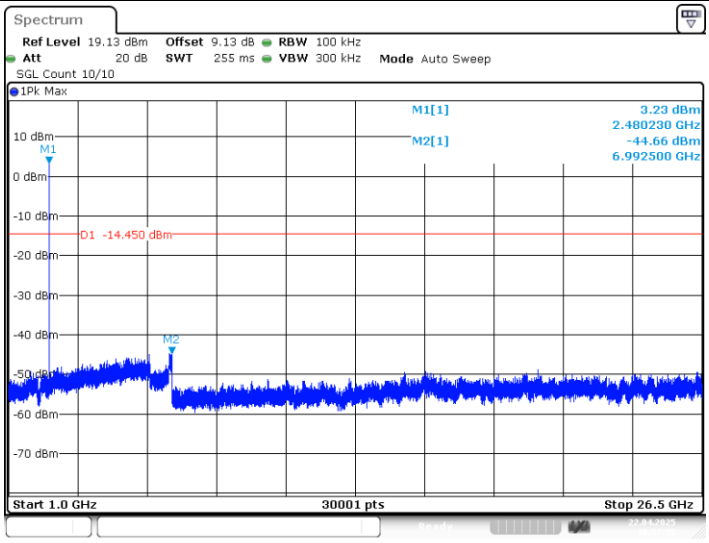


Date: 22.APR.2025 10:55:55

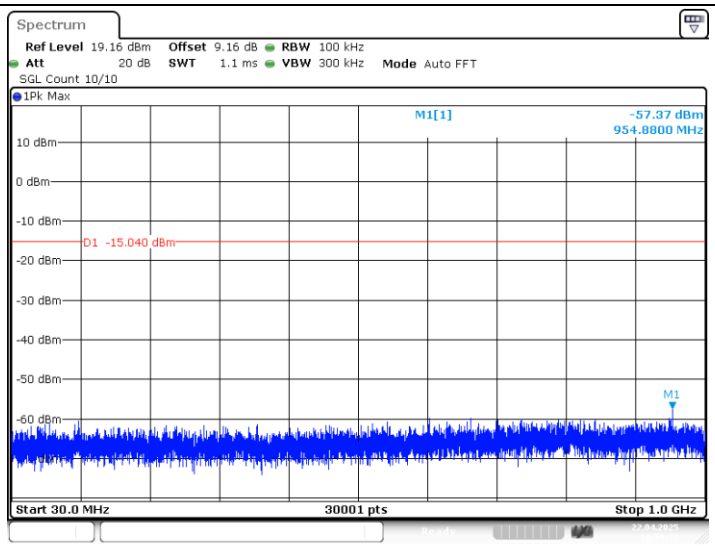
2DH5_Ant1_2480_30~1000



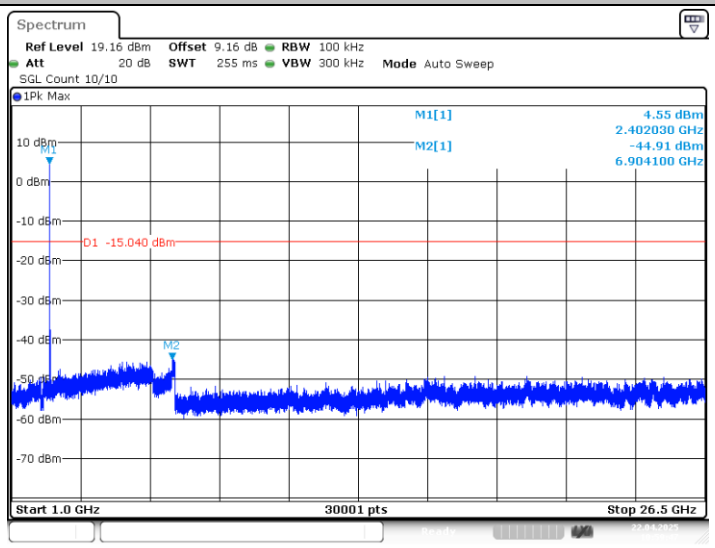
2DH5_Ant1_2480_1000~26500



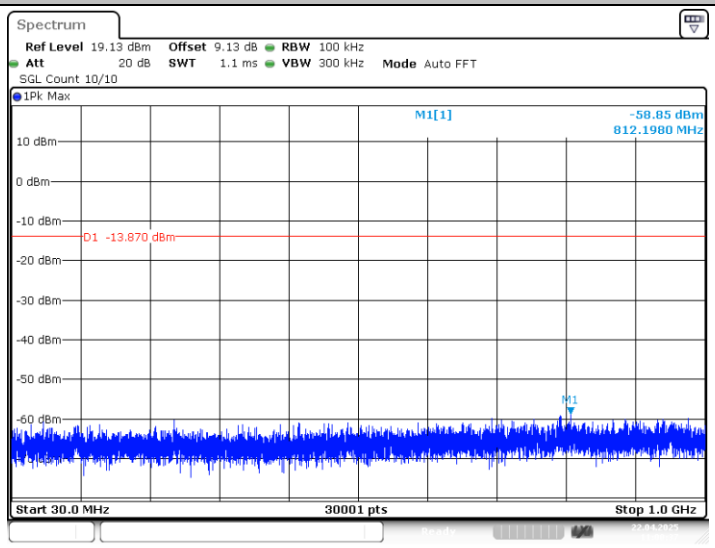
3DH5_Ant1_2402_30~1000

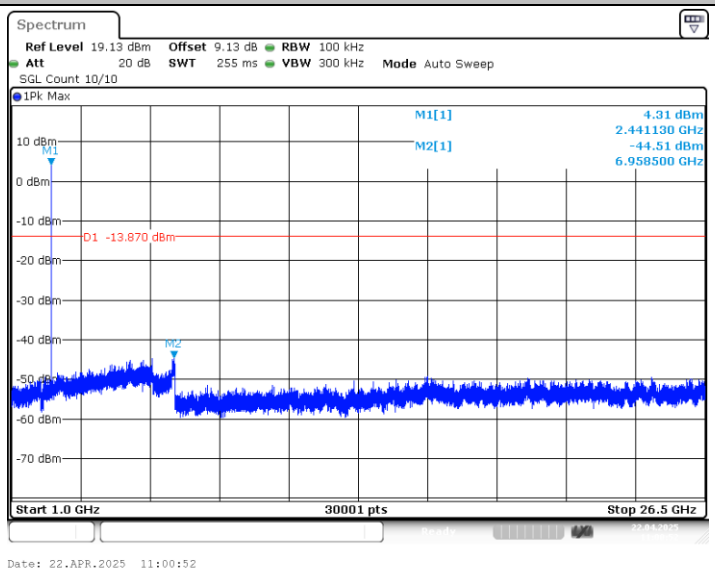
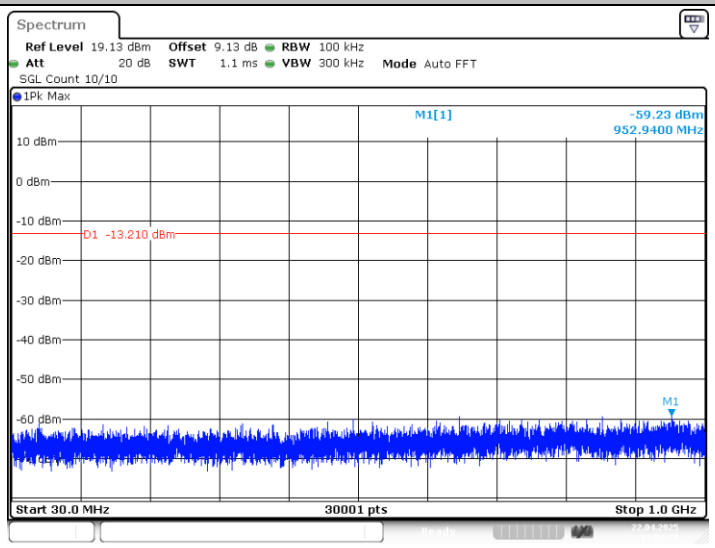


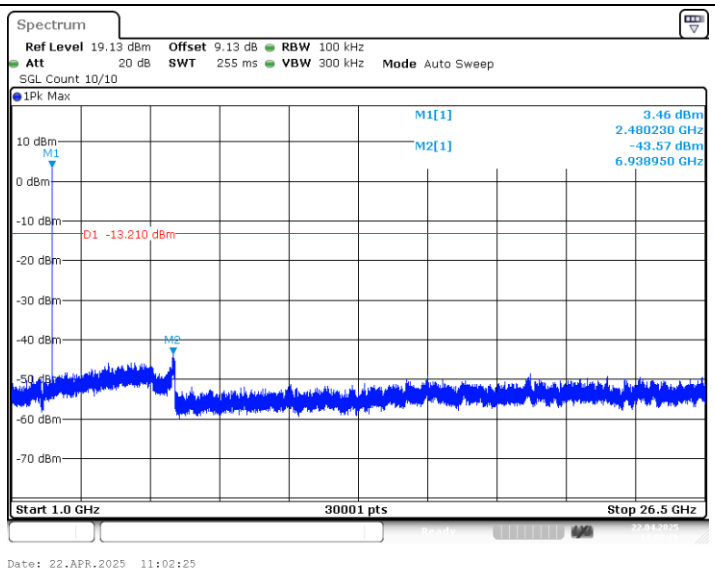
3DH5_Ant1_2402_1000~26500



3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

3DH5_Ant1_2480_30~1000

3DH5_Ant1_2480_1000~26500


Spectrum
Ref Level 19.13 dBm Offset 9.13 dB RBW 100 kHz
Att 20 dB SWT 255 ms VBW 300 kHz Mode Auto Sweep
SGL Count 10/10
1Pk Max
M1[1] 3.46 dBm
2.480230 GHz
M2[1] -43.57 dBm
6.938950 GHz
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
M1
D1 -13.210 dBm
M2
Start 1.0 GHz
30001 pts
Stop 26.5 GHz
Date: 22.APR.2025 11:02:25

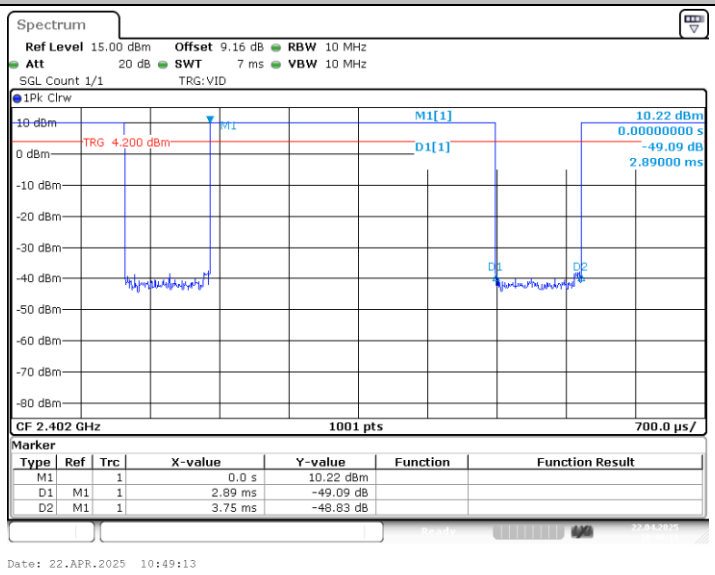
Appendix J: Duty Cycle

Test Result

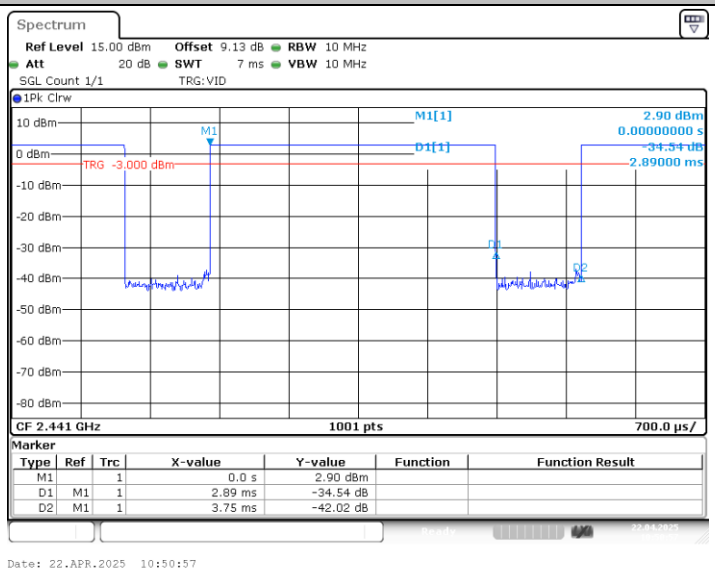
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.89	3.75	77.07	1.13	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.89	3.75	77.07	1.13	---	---
2DH5	Ant1	2402	2.88	3.74	77.01	1.13	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.89	3.75	77.07	1.13	---	---
3DH5	Ant1	2402	2.89	3.75	77.07	1.13	---	---
		2441	2.89	3.74	77.27	1.12	---	---
		2480	2.89	3.74	77.27	1.12	---	---

Test Graphs

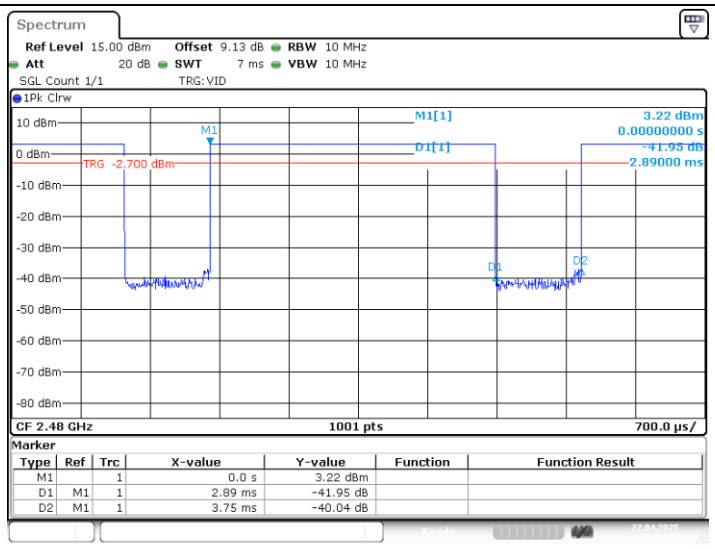
DH5_Ant1_2402



DH5_Ant1_2441

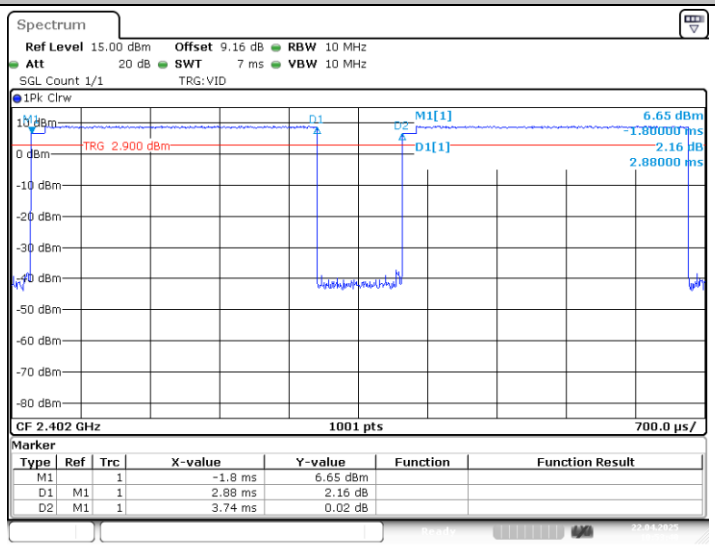


DH5_Ant1_2480



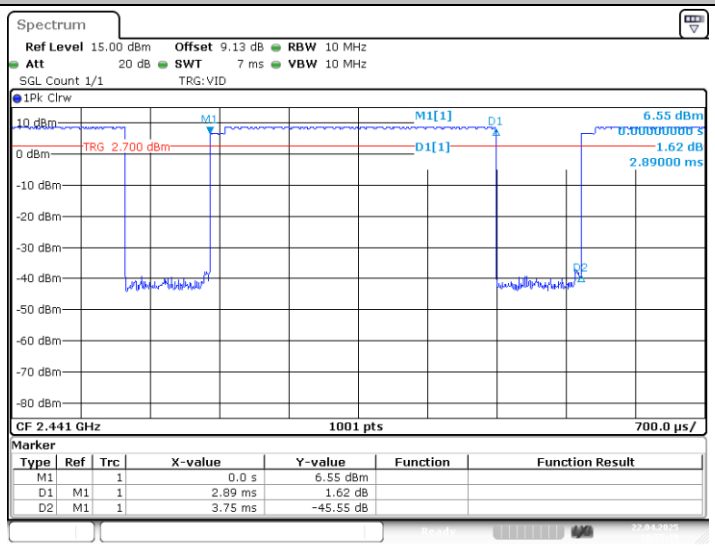
Date: 22.APR.2025 10:52:09

2DH5_Ant1_2402



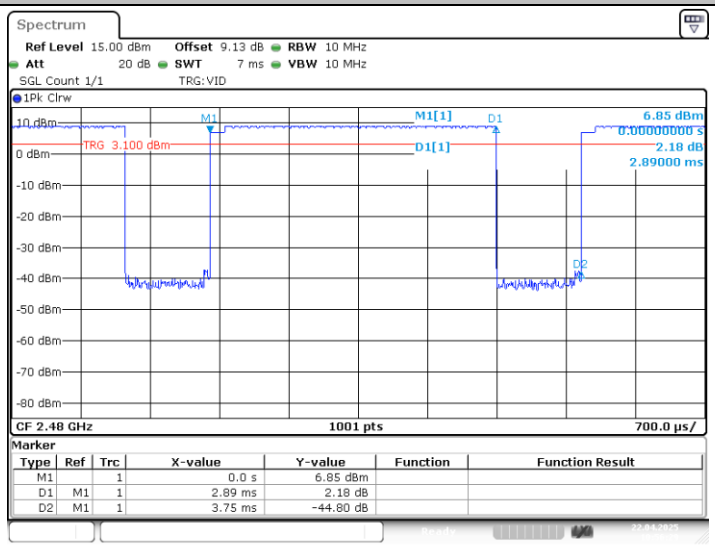
Date: 22.APR.2025 10:53:40

2DH5_Ant1_2441



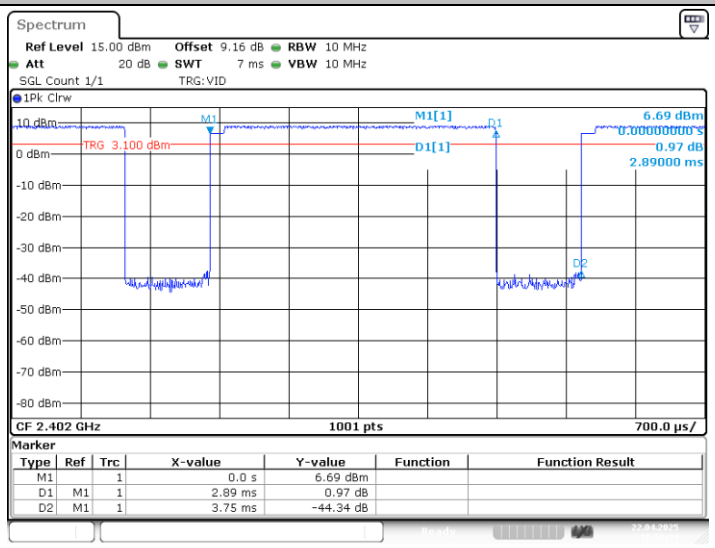
Date: 22.APR.2025 10:55:19

2DH5_Ant1_2480



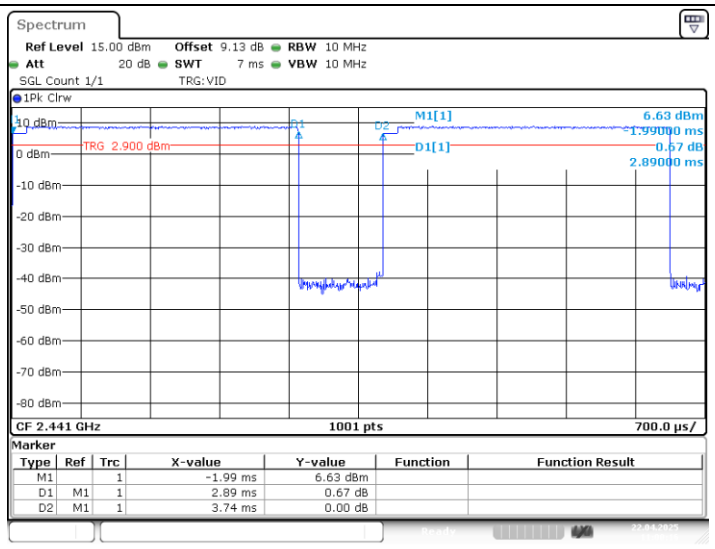
Date: 22.APR.2025 10:56:28

3DH5_Ant1_2402



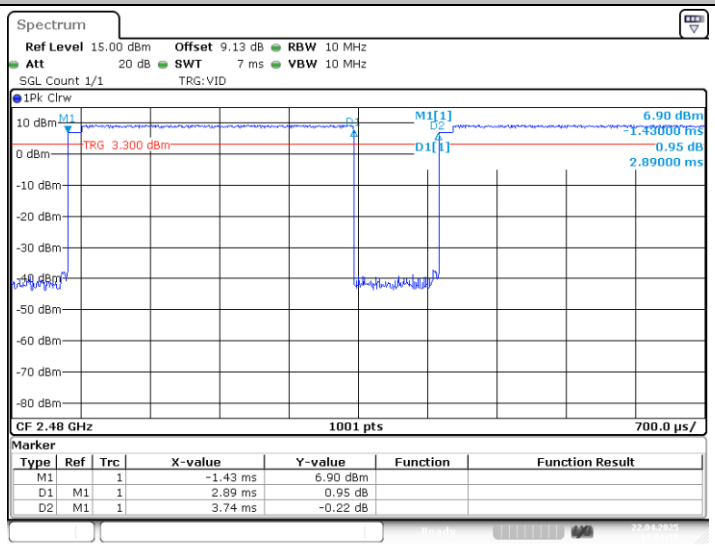
Date: 22.APR.2025 10:58:33

3DH5_Ant1_2441



Date: 22.APR.2025 11:00:16

3DH5_Ant1_2480



Date: 22.APR.2025 11:01:19

Appendix K: Emissions in Restricted Bands

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	-48.68	≤-41.20	46.52	≤54	PASS
				AV	2341.848	-47.3	≤-41.20	47.90	≤54	PASS
				AV	2390.000	-48.96	≤-41.20	46.24	≤54	PASS
				Peak	2310.000	-38.55	≤-21.20	56.65	≤74	PASS
				Peak	2341.543	-34.71	≤-21.20	60.49	≤74	PASS
				Peak	2390.000	-40.54	≤-21.20	54.66	≤74	PASS
		High	2480	AV	2483.500	-48.24	≤-41.20	46.96	≤54	PASS
				AV	2484.145	-47.97	≤-41.20	47.23	≤54	PASS
				AV	2500.000	-48.35	≤-41.20	46.85	≤54	PASS
				Peak	2483.500	-41.83	≤-21.20	53.37	≤74	PASS
				Peak	2493.304	-37.02	≤-21.20	58.18	≤74	PASS
				Peak	2500.000	-39.31	≤-21.20	55.89	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-39.15	≤-21.20	56.05	≤74	PASS
				Peak	2318.870	-37.08	≤-21.20	58.12	≤74	PASS
				Peak	2390.000	-38.58	≤-21.20	56.62	≤74	PASS
		High	Hop_2480	Peak	2483.500	-39.38	≤-21.20	55.82	≤74	PASS
				Peak	2498.638	-37.17	≤-21.20	58.03	≤74	PASS
				Peak	2500.000	-38.51	≤-21.20	56.69	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.54	≤-41.20	46.66	≤54	PASS
				AV	2341.696	-47.05	≤-41.20	48.15	≤54	PASS
				AV	2390.000	-48.82	≤-41.20	46.38	≤54	PASS
				Peak	2310.000	-37.87	≤-21.20	57.33	≤74	PASS
				Peak	2382.783	-36.57	≤-21.20	58.63	≤74	PASS
				Peak	2390.000	-39.71	≤-21.20	55.49	≤74	PASS
		High	2480	AV	2483.500	-46.55	≤-41.20	48.65	≤54	PASS
				AV	2483.565	-46.84	≤-41.20	48.36	≤54	PASS
				AV	2500.000	-47.67	≤-41.20	47.53	≤54	PASS
				Peak	2483.500	-38.63	≤-21.20	56.57	≤74	PASS
				Peak	2484.493	-36.7	≤-21.20	58.50	≤74	PASS
				Peak	2500.000	-38.85	≤-21.20	56.35	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-39.68	≤-21.20	55.52	≤74	PASS
				Peak	2366.348	-37.74	≤-21.20	57.46	≤74	PASS
				Peak	2390.000	-38.56	≤-21.20	56.64	≤74	PASS
		High	Hop_2480	Peak	2483.500	-41	≤-21.20	54.20	≤74	PASS
				Peak	2499.681	-36.8	≤-21.20	58.40	≤74	PASS
				Peak	2500.000	-37.45	≤-21.20	57.75	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.59	≤-41.20	46.61	≤54	PASS

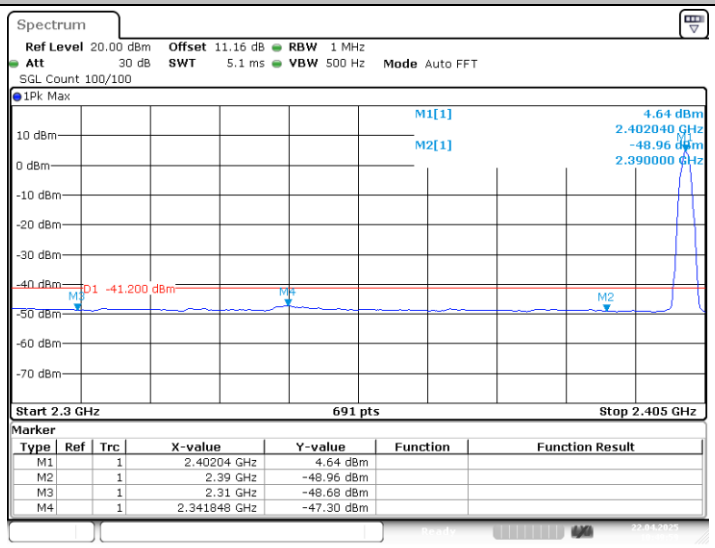
				AV	2341.848	-47.04	≤-41.20	48.16	≤54	PASS
				AV	2390.000	-48.67	≤-41.20	46.53	≤54	PASS
				Peak	2310.000	-37.02	≤-21.20	58.18	≤74	PASS
				Peak	2383.848	-35.92	≤-21.20	59.28	≤74	PASS
				Peak	2390.000	-38.17	≤-21.20	57.03	≤74	PASS
		High	2480	AV	2483.500	-46.44	≤-41.20	48.76	≤54	PASS
				AV	2483.565	-46.79	≤-41.20	48.41	≤54	PASS
				AV	2500.000	-48.07	≤-41.20	47.13	≤54	PASS
				Peak	2483.500	-38.44	≤-21.20	56.76	≤74	PASS
				Peak	2485.304	-36.43	≤-21.20	58.77	≤74	PASS
				Peak	2500.000	-40.35	≤-21.20	54.85	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-38.55	≤-21.20	56.65	≤74	PASS
				Peak	2342.000	-36.15	≤-21.20	59.05	≤74	PASS
				Peak	2390.000	-37.97	≤-21.20	57.23	≤74	PASS
		High	Hop_2480	Peak	2483.500	-41.44	≤-21.20	53.76	≤74	PASS
				Peak	2490.522	-38.03	≤-21.20	57.17	≤74	PASS
				Peak	2500.000	-39.52	≤-21.20	55.68	≤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.

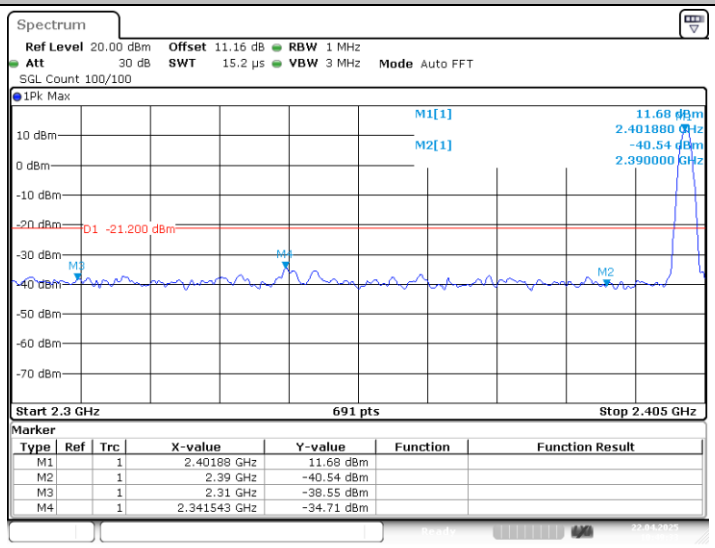
Test Graphs

DH5_Ant1_Low_2402_AV



Date: 22.APR.2025 10:50:00

DH5_Ant1_Low_2402_Peak



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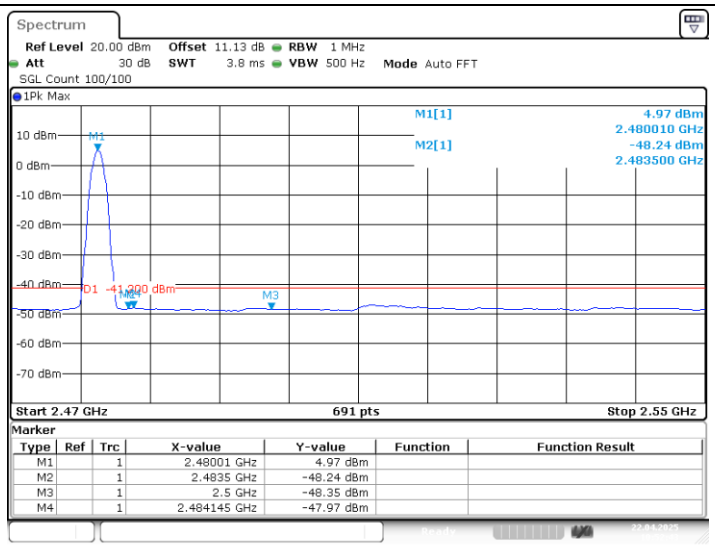
DH5_Ant1_High_2480_AV



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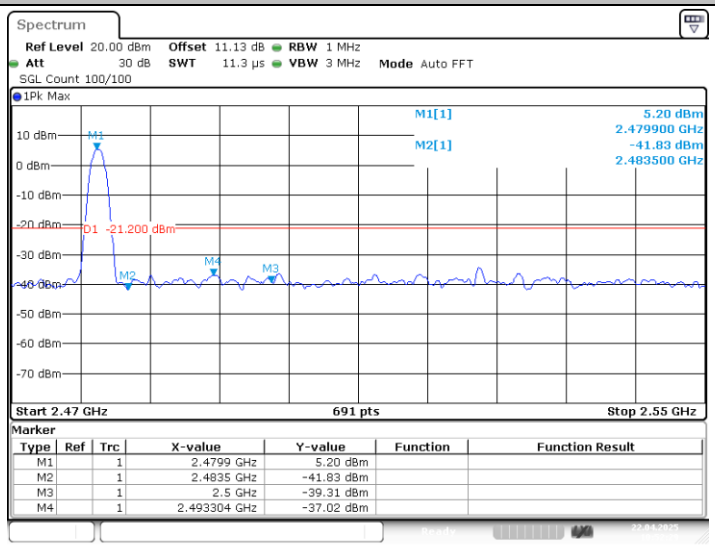
DH5_Ant1_High_2480_Peak



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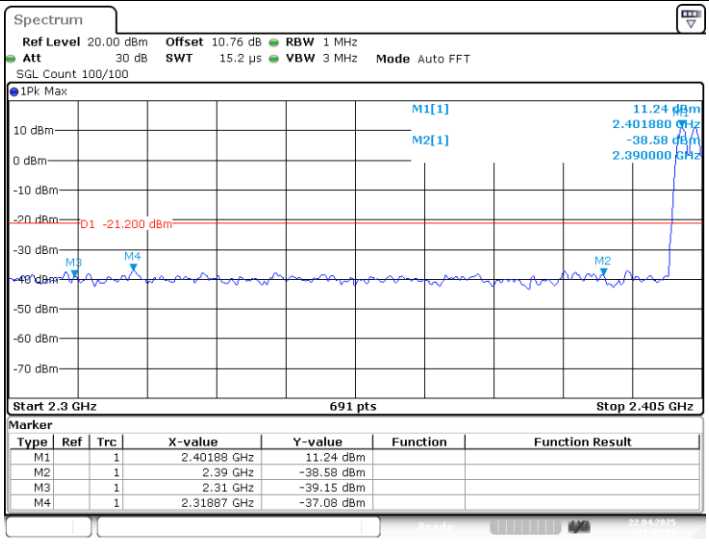

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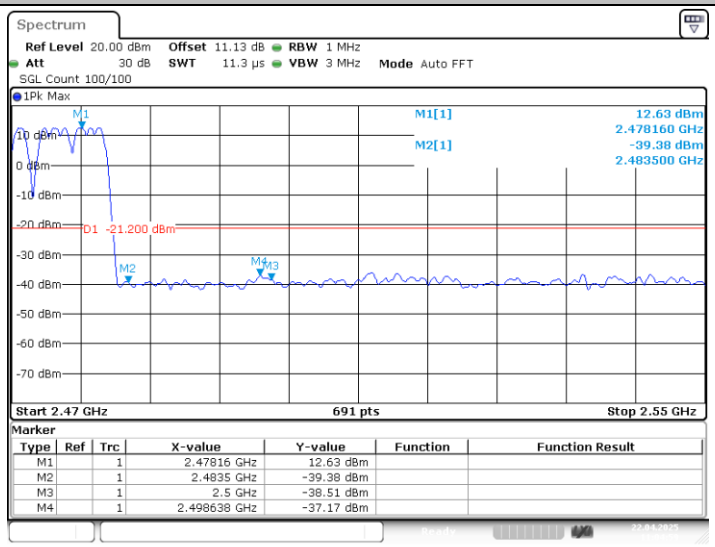
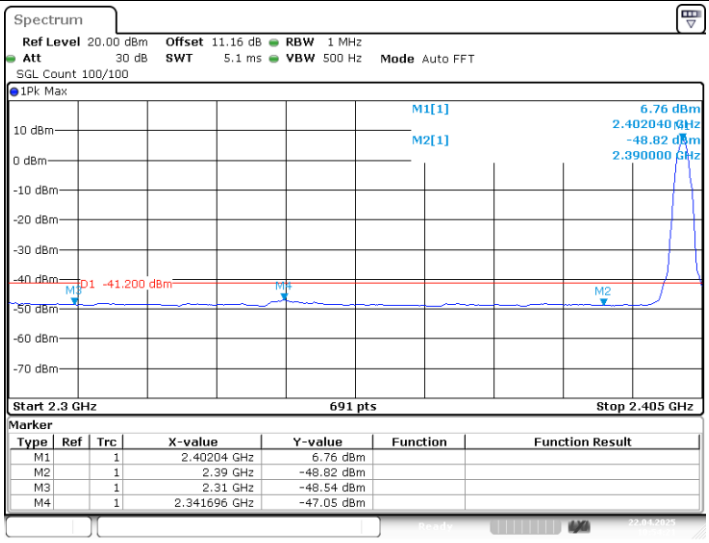


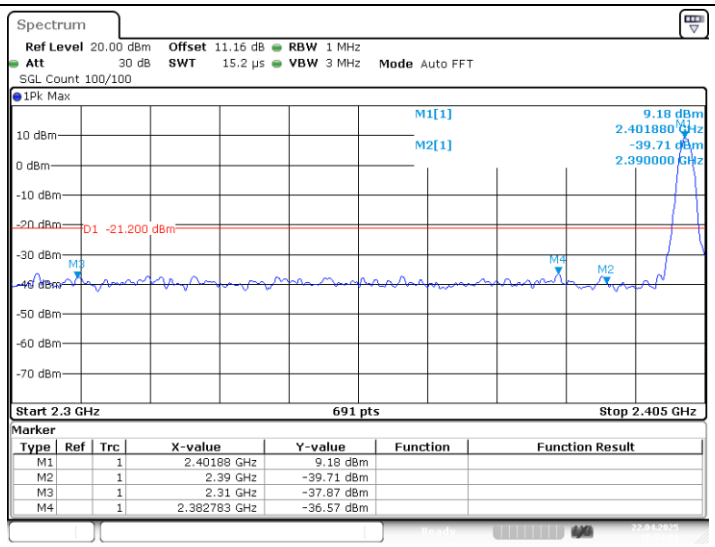
Date: 22.APR.2025 11:04:59

2DH5_Ant1_Low_2402_AV



Date: 22.APR.2025 10:54:21

2DH5_Ant1_Low_2402_Peak



Date: 22.APR.2025 10:54:00

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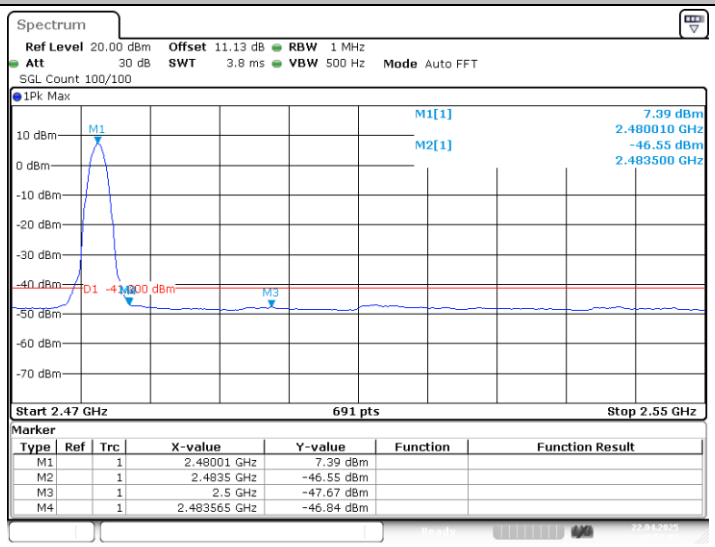

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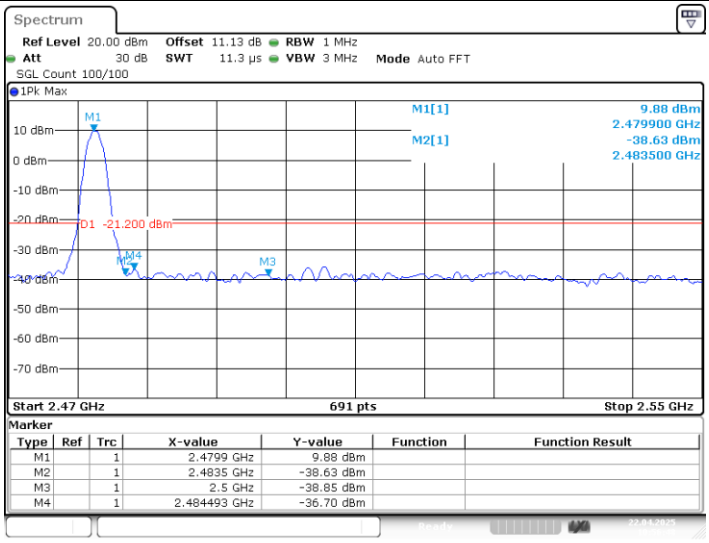

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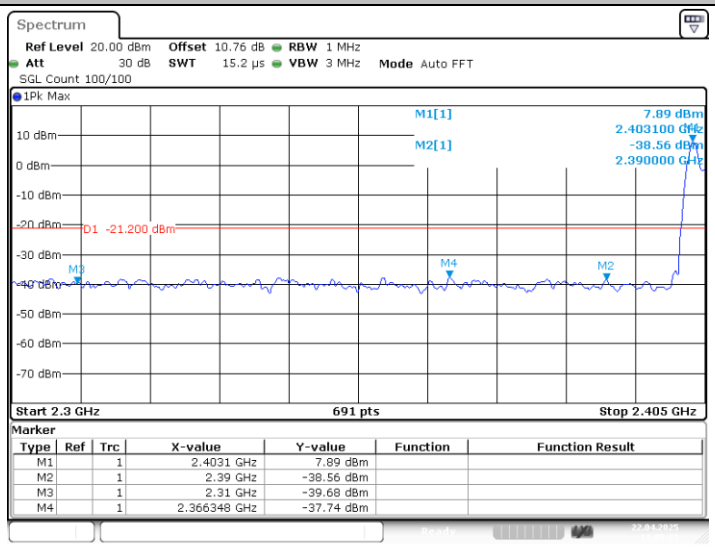

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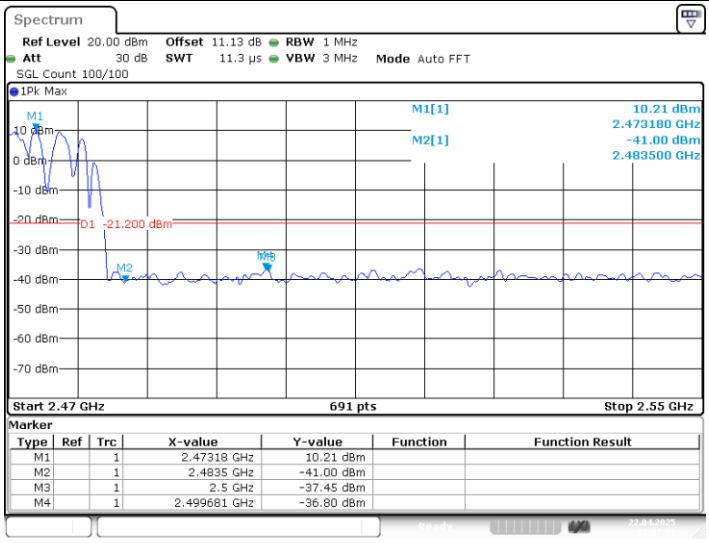
2DH5_Ant1_High_Hop_2480_Peak



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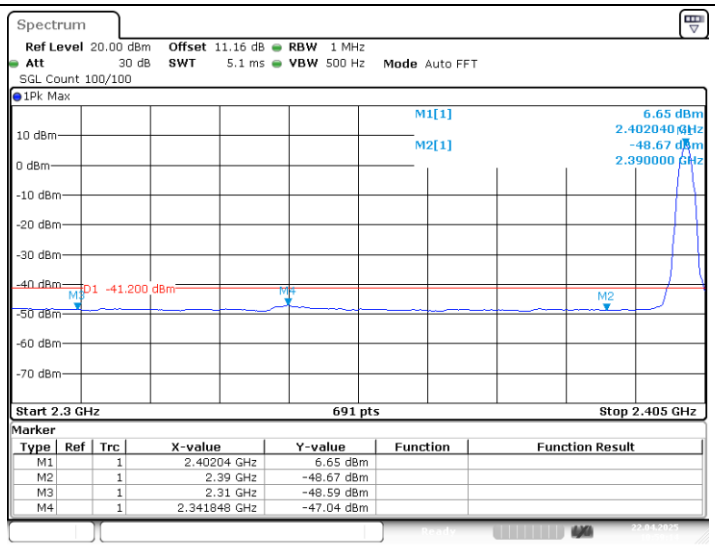
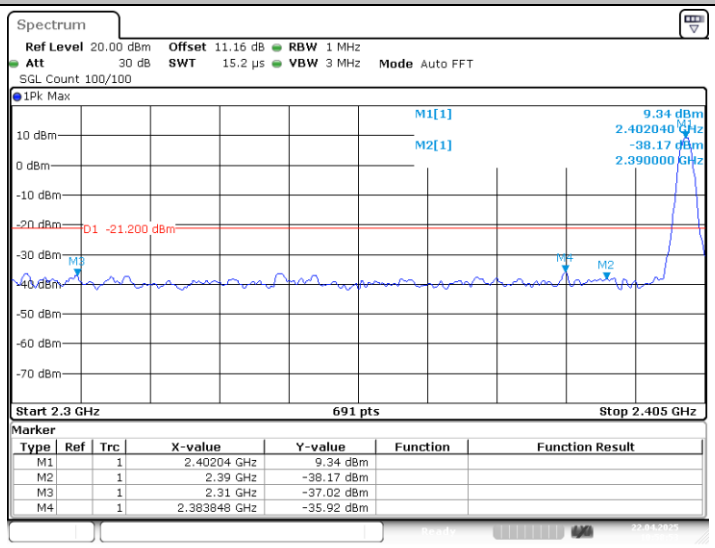


3DH5_Ant1_Low_2402_Peak



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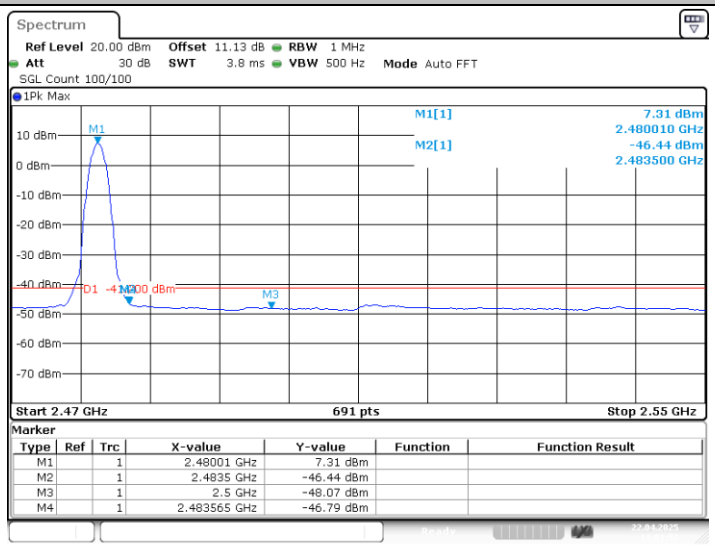

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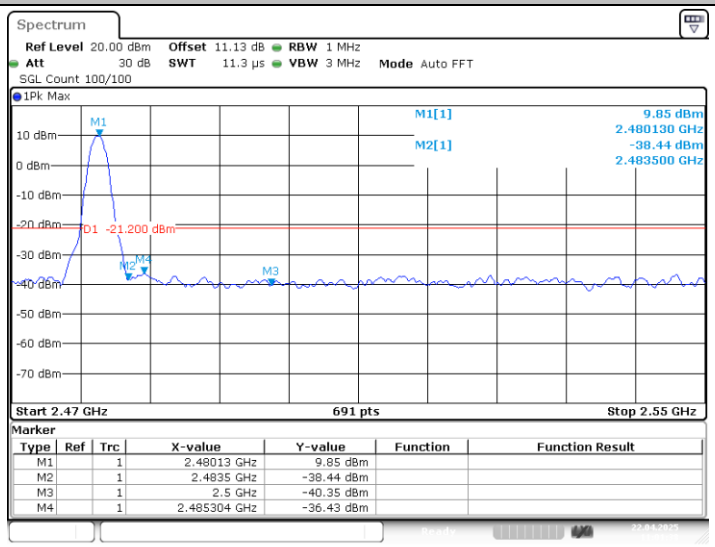
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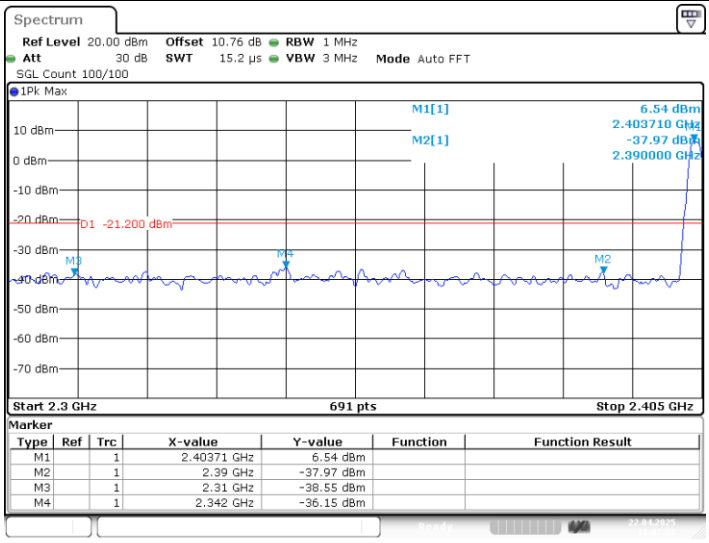
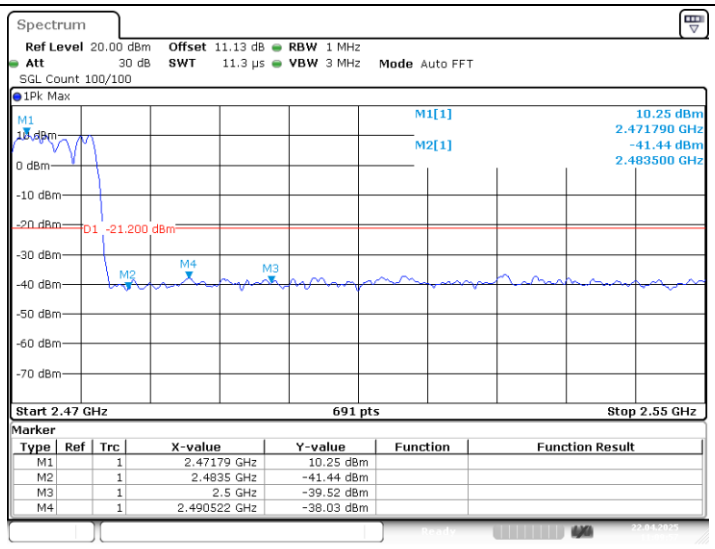

3DH5_Ant1_High_Hop_2480_Peak


Spectrum
Ref Level 20.00 dBm Offset 11.13 dB RBW 1 MHz
Att 30 dB SWT 11.3 µs VBW 3 MHz Mode Auto FFT
SGL Count 100/100
1Pk Max
M1[1] 10.25 dBm
2.471790 GHz
M2[1] -41.44 dBm
2.483500 GHz
D1 -21.200 dBm
Start 2.47 GHz 691 pts Stop 2.55 GHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 2.47179 GHz 10.25 dBm
M2 1 2.4835 GHz -41.44 dBm
M3 1 2.5 GHz -39.52 dBm
M4 1 2.490522 GHz -38.03 dBm
Date: 22.APR.2025 11:09:57