

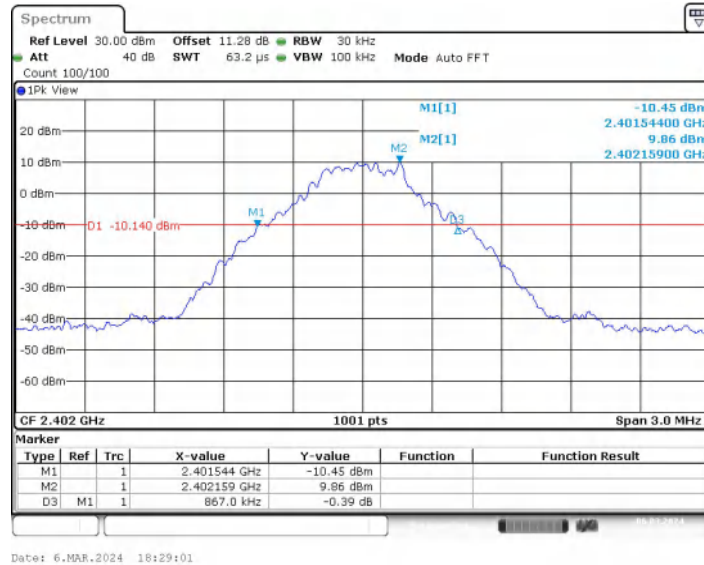
Appendix A: 20dB Emission Bandwidth

Test Result

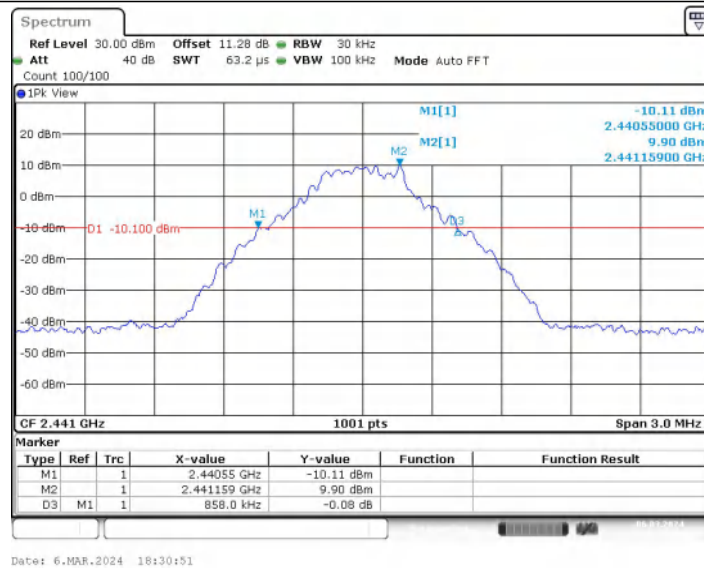
TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87	2401.54	2402.41	---	---
		2441	0.86	2440.55	2441.41	---	---
		2480	0.86	2479.55	2480.41	---	---
2DH5	Ant1	2402	1.26	2401.37	2402.63	---	---
		2441	1.26	2440.37	2441.63	---	---
		2480	1.26	2479.37	2480.63	---	---
3DH5	Ant1	2402	1.26	2401.36	2402.62	---	---
		2441	1.26	2440.36	2441.62	---	---
		2480	1.27	2479.36	2480.62	---	---

Test Graphs

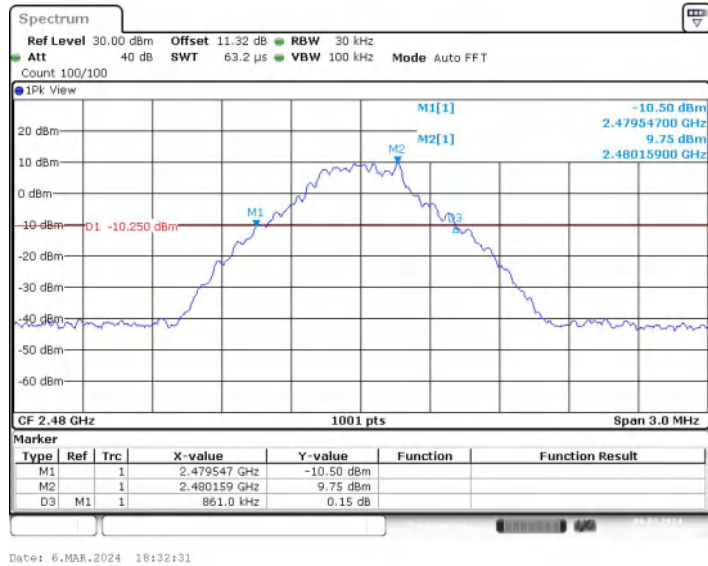
DH5_Ant1_2402



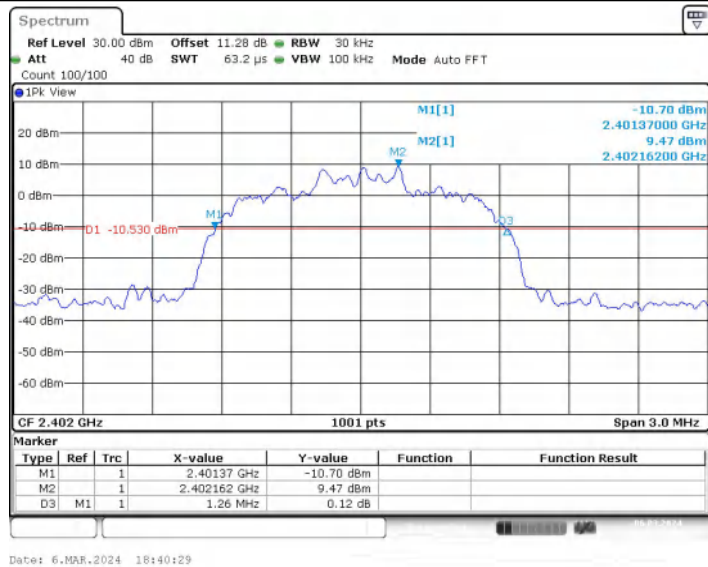
DH5_Ant1_2441



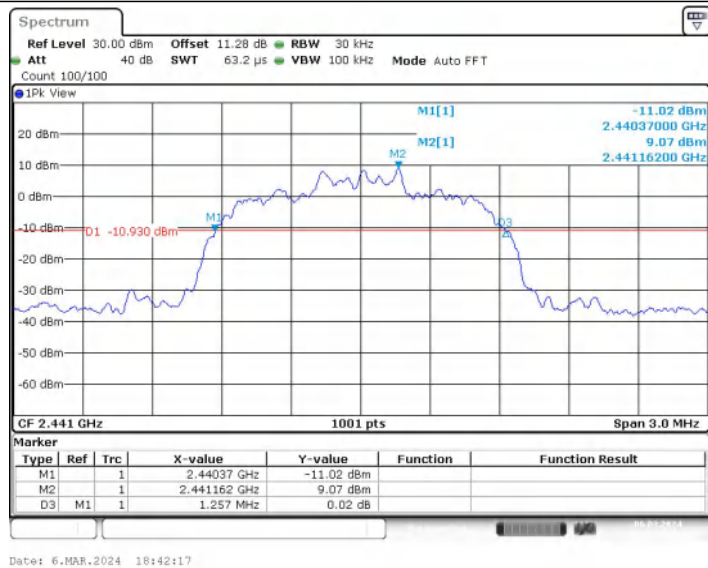
DH5_Ant1_2480



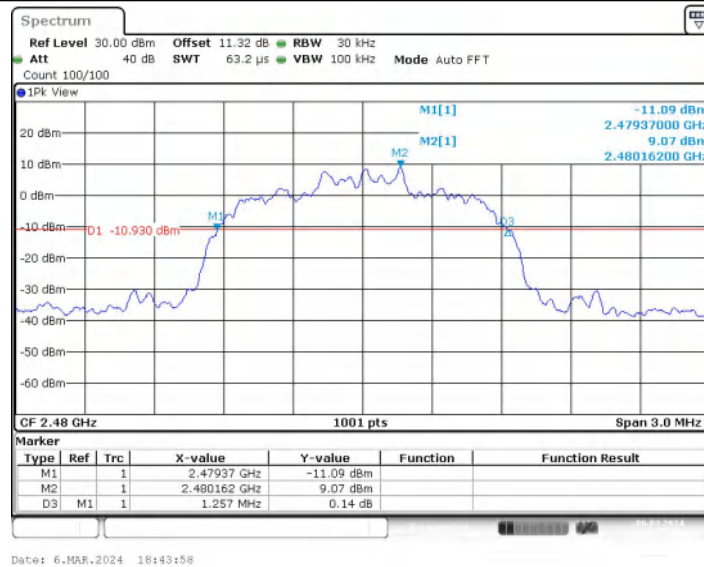
2DH5_Ant1_2402



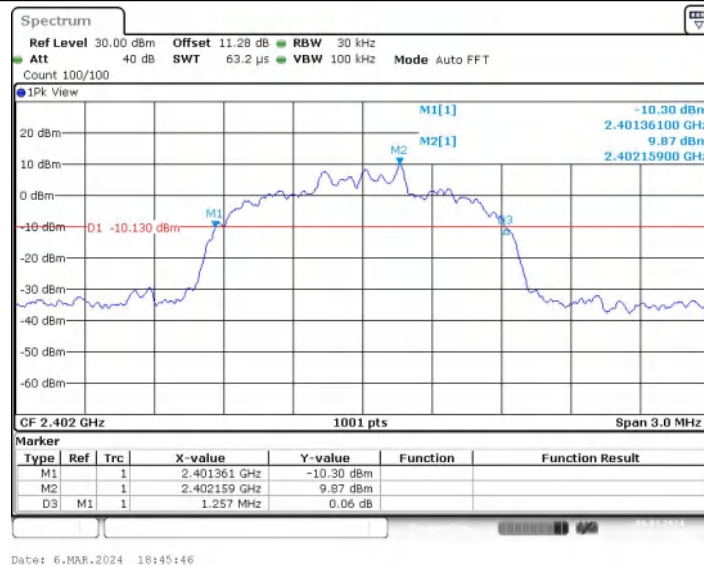
2DH5_Ant1_2441



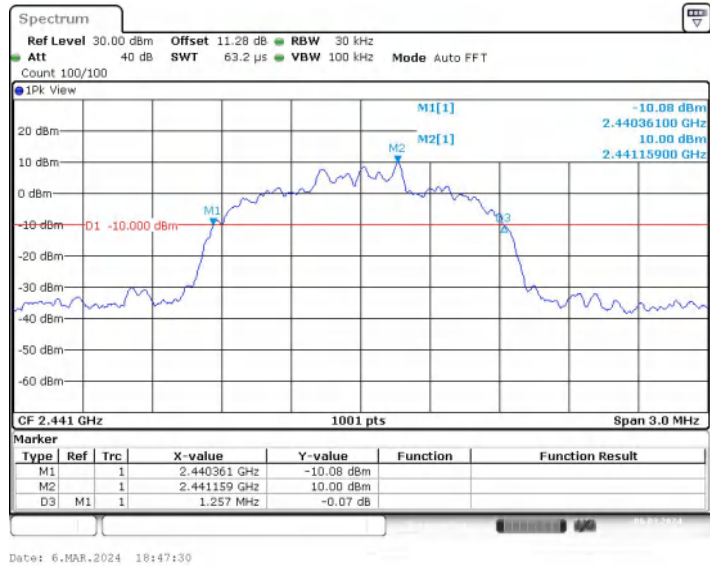
2DH5_Ant1_2480



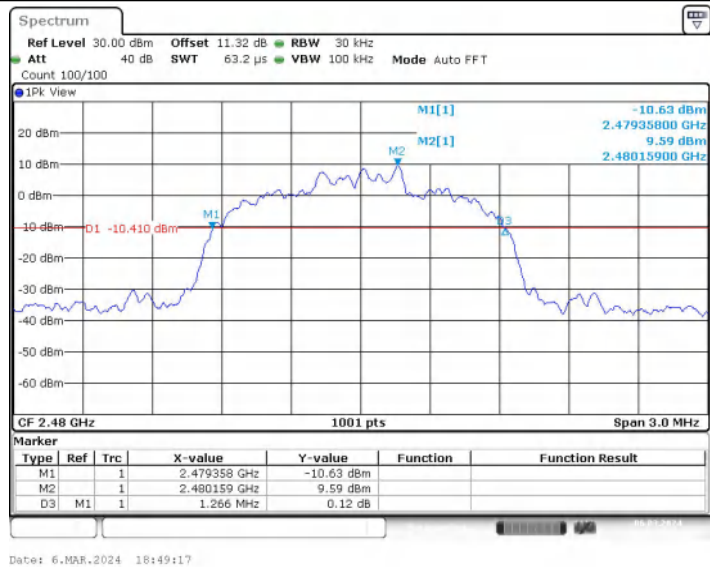
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



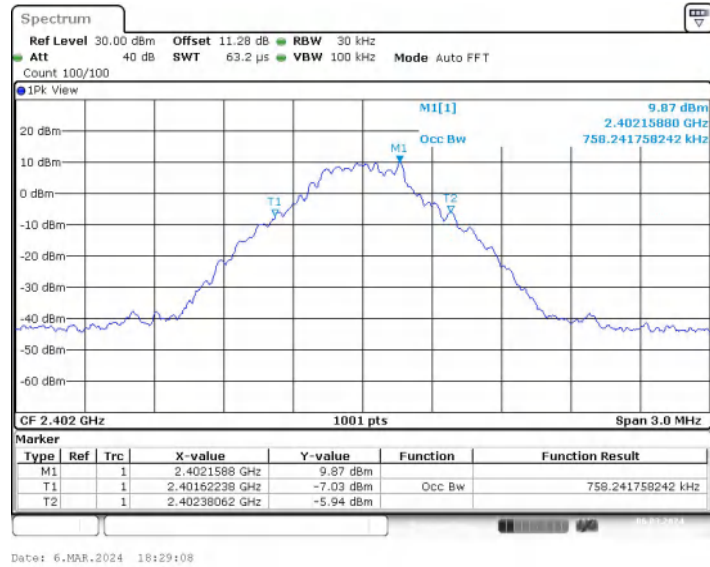
Appendix B: Occupied Channel Bandwidth

Test Result

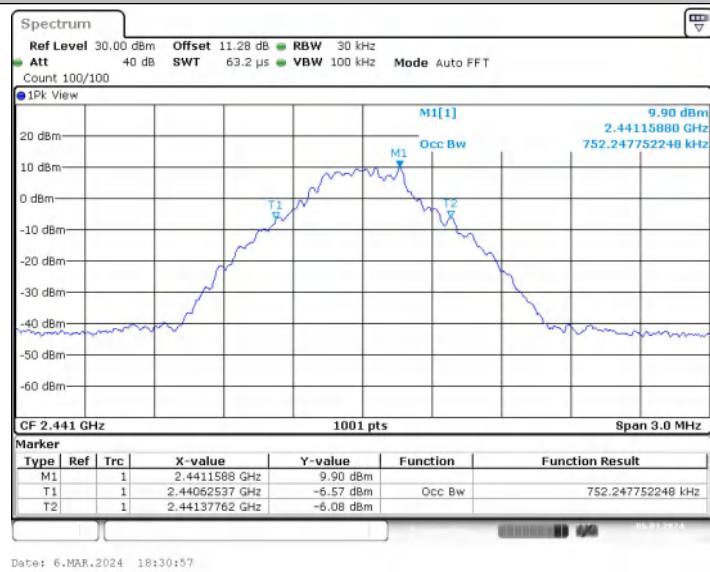
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.758	2401.6224	2402.3806	---	---
		2441	0.752	2440.6254	2441.3776	---	---
		2480	0.752	2479.6254	2480.3776	---	---
2DH5	Ant1	2402	1.148	2401.4216	2402.5694	---	---
		2441	1.145	2440.4216	2441.5664	---	---
		2480	1.145	2479.4216	2480.5664	---	---
3DH5	Ant1	2402	1.151	2401.4246	2402.5754	---	---
		2441	1.148	2440.4246	2441.5724	---	---
		2480	1.151	2479.4246	2480.5754	---	---

Test Graphs

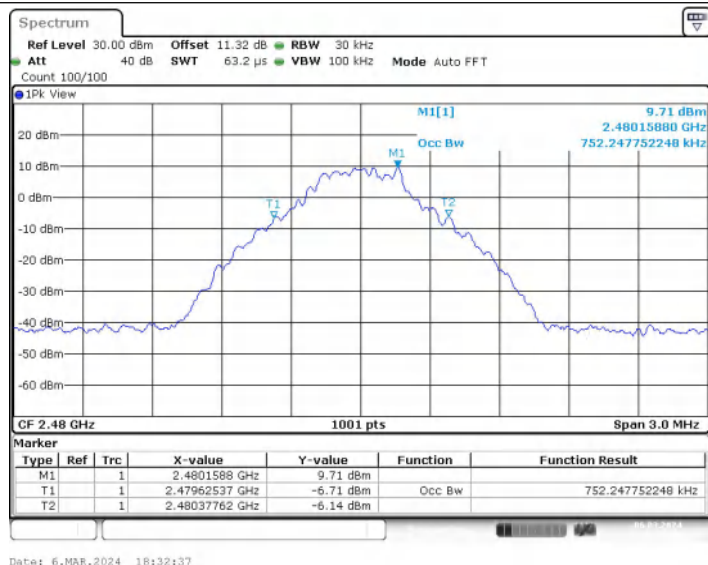
DH5_Ant1_2402



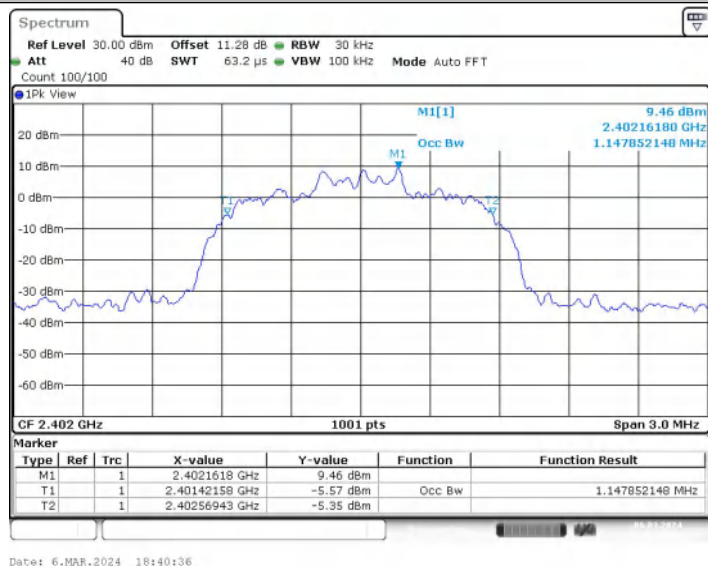
DH5_Ant1_2441



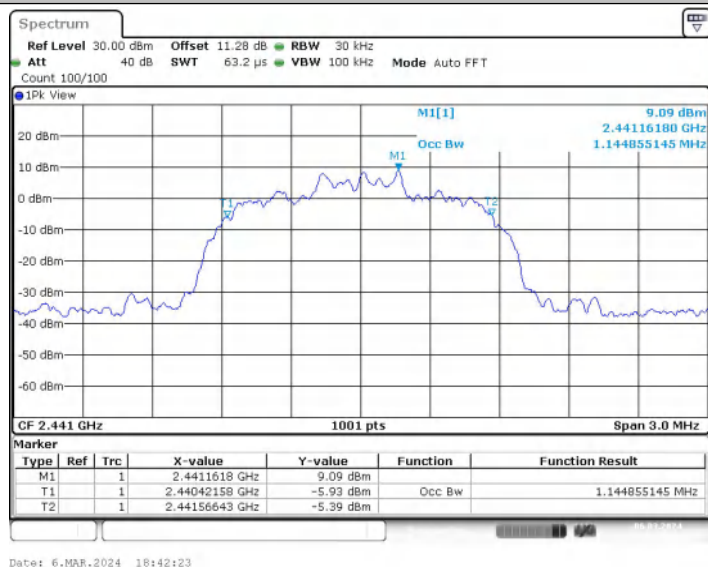
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441

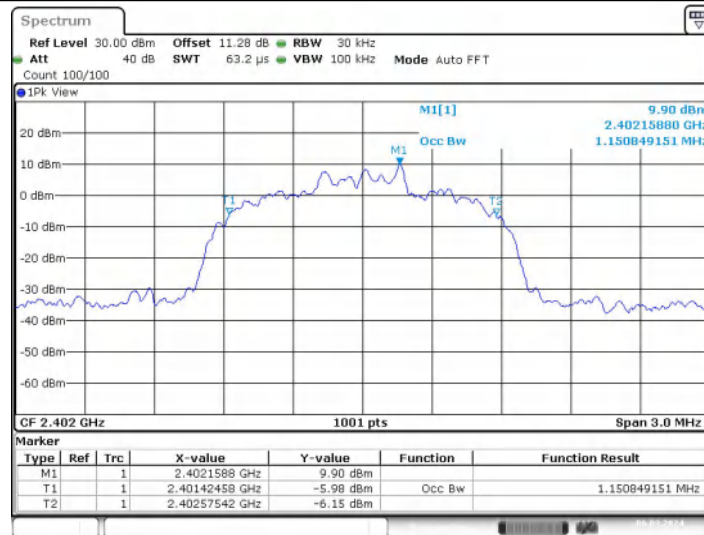


2DH5_Ant1_2480



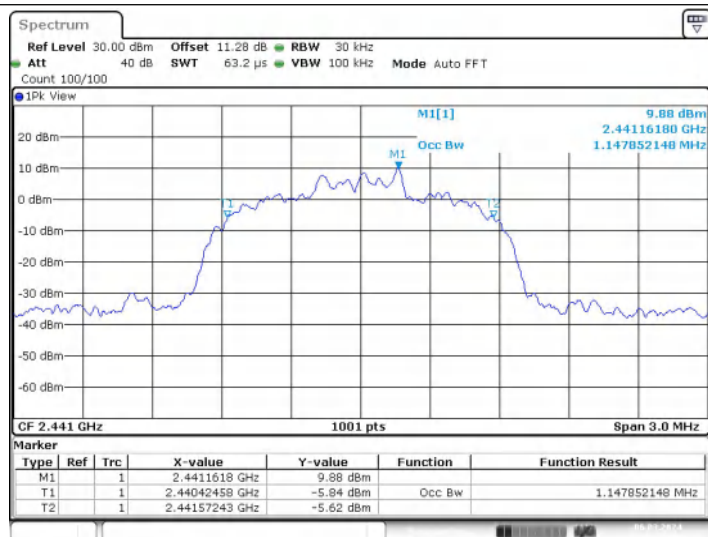
Date: 6.MAR.2024 18:44:04

3DH5_Ant1_2402



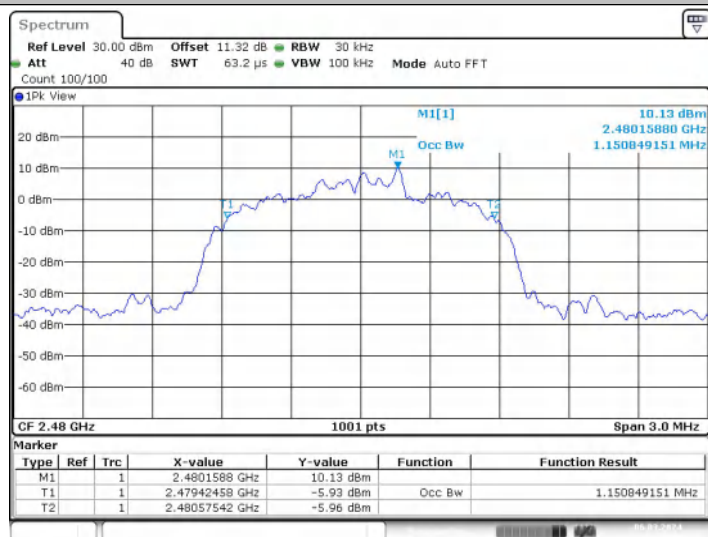
Date: 6.MAR.2024 18:45:53

3DH5_Ant1_2441



Date: 6.MAR.2024 18:47:36

3DH5_Ant1_2480



Date: 6.MAR.2024 18:49:23

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	13.00	≤ 20.97	PASS
		2441	12.90	≤ 20.97	PASS
		2480	12.87	≤ 20.97	PASS
2DH5	Ant1	2402	12.78	≤ 30	PASS
		2441	12.66	≤ 30	PASS
		2480	12.63	≤ 30	PASS
3DH5	Ant1	2402	12.85	≤ 30	PASS
		2441	12.73	≤ 30	PASS
		2480	12.63	≤ 30	PASS

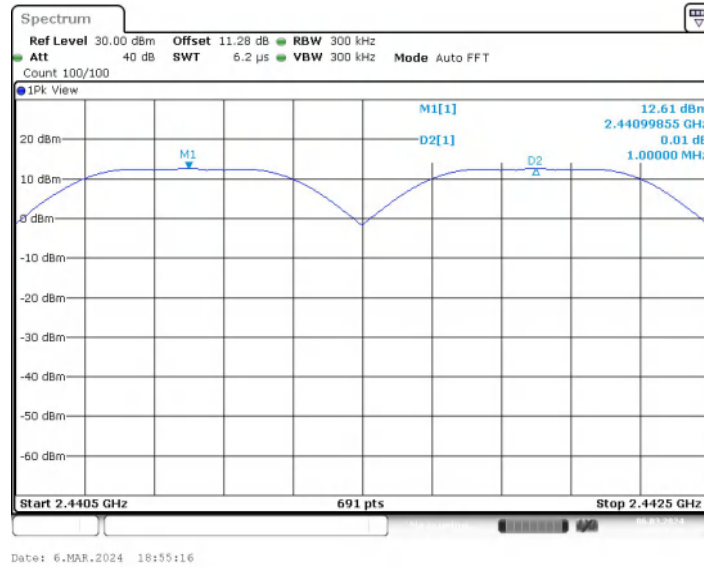
Appendix D: Carrier frequency separation

Test Result

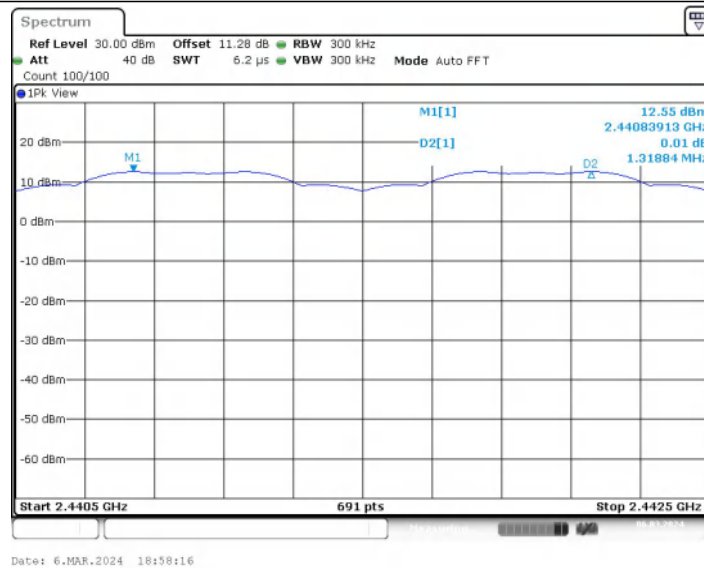
TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥ 0.870	PASS
2DH5	Ant1	Hop	1.319	≥ 1.260	PASS
3DH5	Ant1	Hop	1.157	≥ 0.847	PASS

Test Graphs

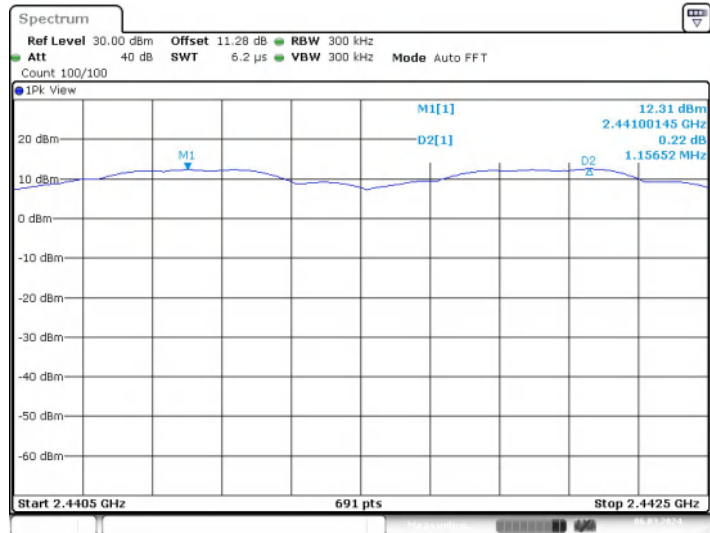
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop



Date: 6.MAR.2024 19:03:30

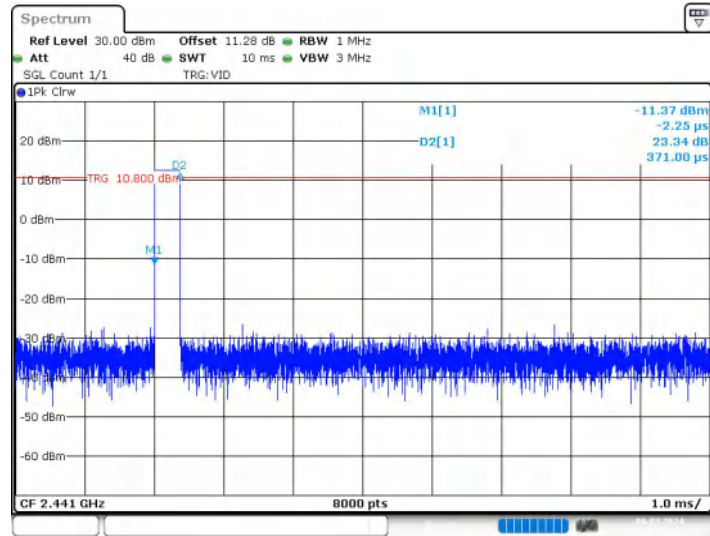
Appendix E: Time of occupancy

Test Result

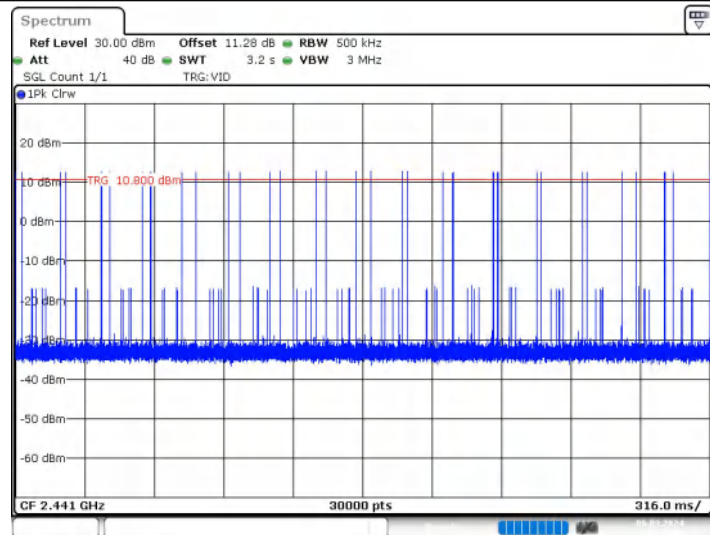
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.371	330	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.619	190	0.308	≤0.4	PASS
DH5	Ant1	Hop	2.859	140	0.4	≤0.4	PASS
2DH1	Ant1	Hop	0.378	320	0.121	≤0.4	PASS
2DH3	Ant1	Hop	1.621	160	0.259	≤0.4	PASS
2DH5	Ant1	Hop	2.863	60	0.172	≤0.4	PASS
3DH1	Ant1	Hop	0.379	320	0.121	≤0.4	PASS
3DH3	Ant1	Hop	1.621	180	0.292	≤0.4	PASS
3DH5	Ant1	Hop	2.864	80	0.229	≤0.4	PASS

Test Graphs

DH1_Ant1_Hop

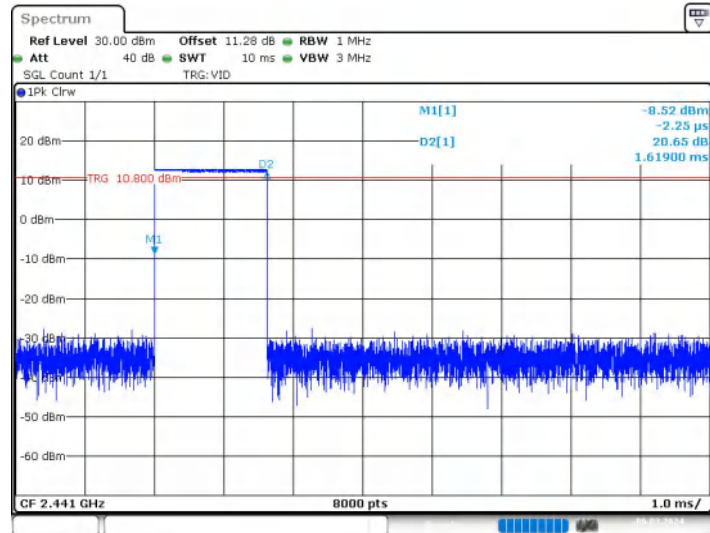


Date: 6.MAR.2024 18:56:12

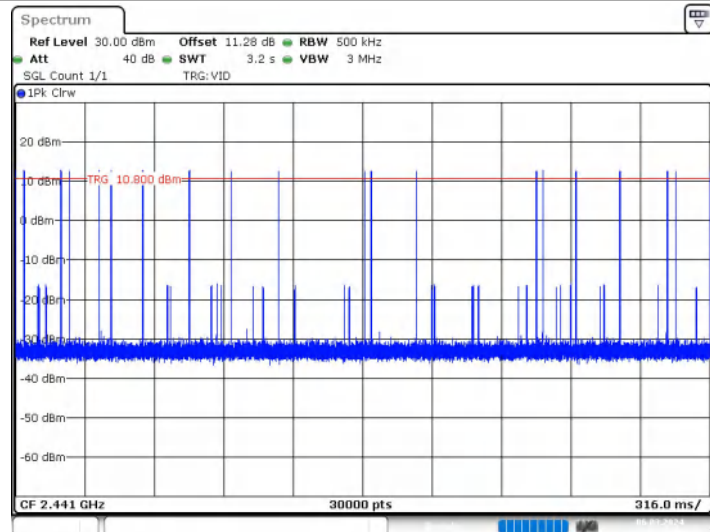


Date: 6.MAR.2024 18:56:17

DH3_Ant1_Hop

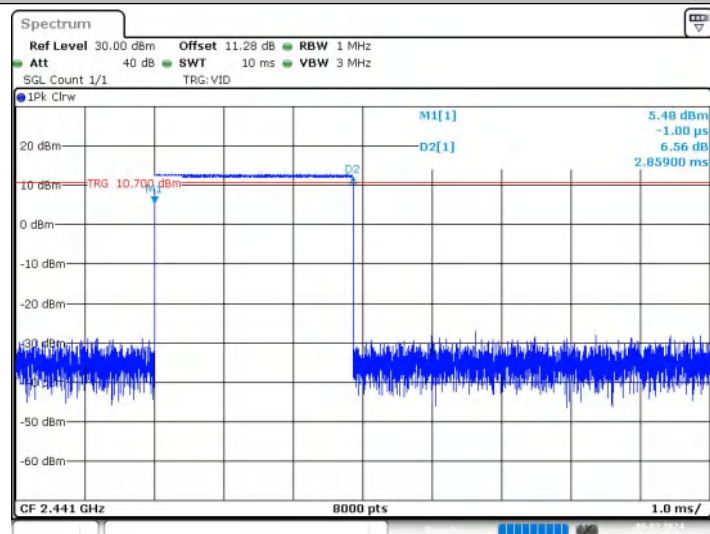


Date: 6.MAR.2024 18:56:41

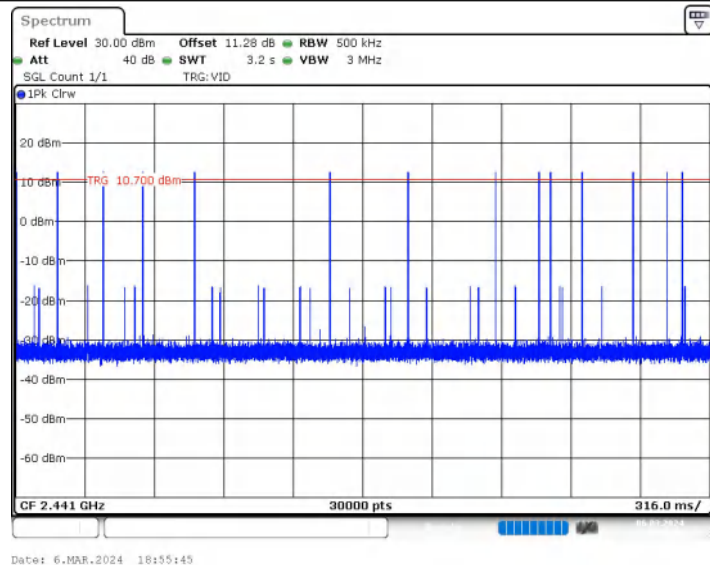


Date: 6.MAR.2024 18:56:47

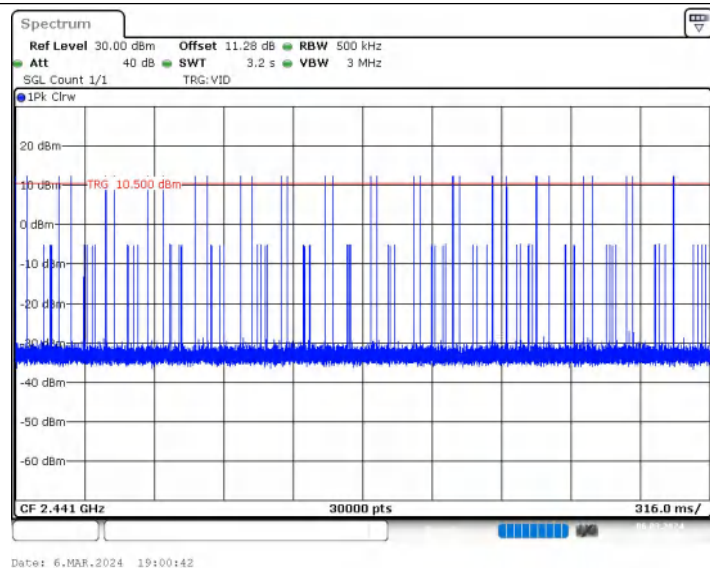
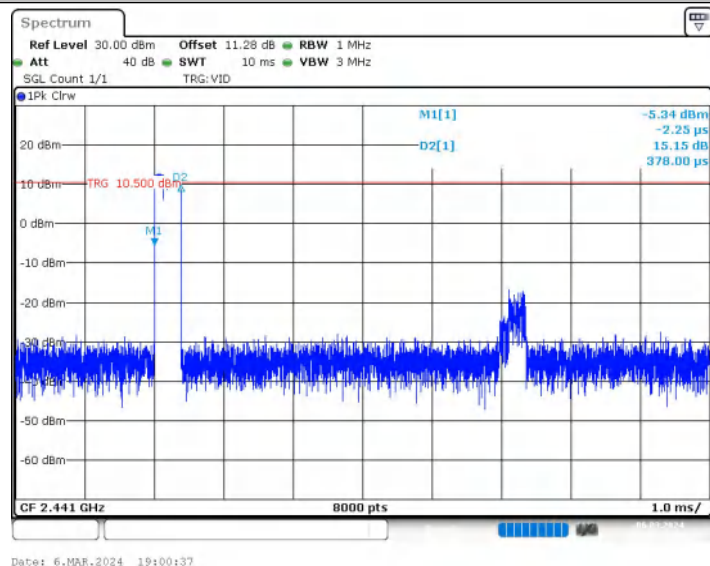
DH5_Ant1_Hop



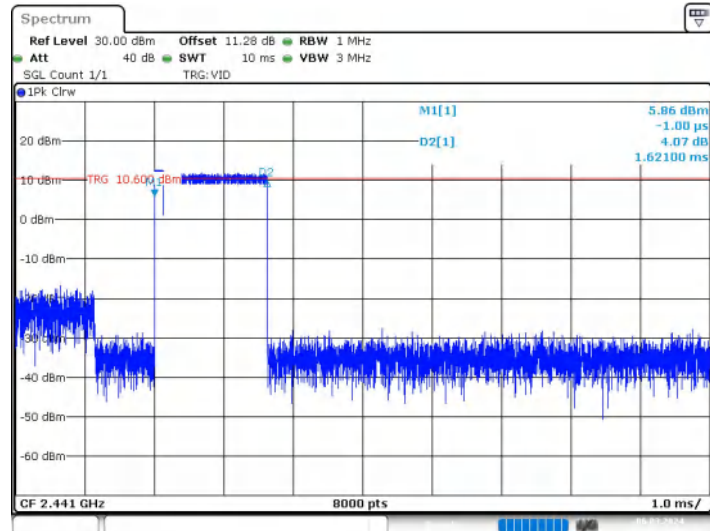
Date: 6.MAR.2024 18:55:39



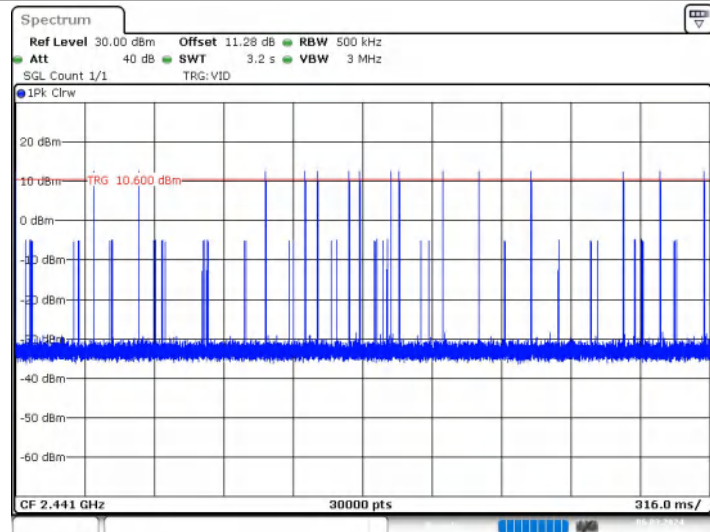
2DH1_Ant1_Hop



2DH3_Ant1_Hop

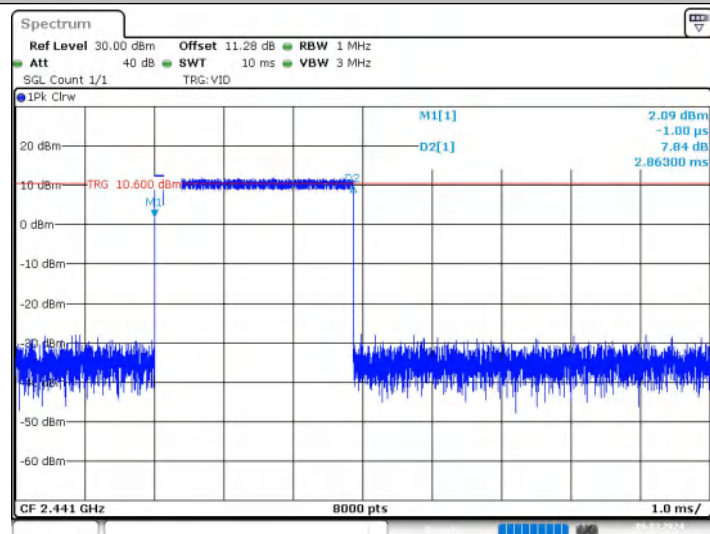


Date: 6.MAR.2024 19:01:53

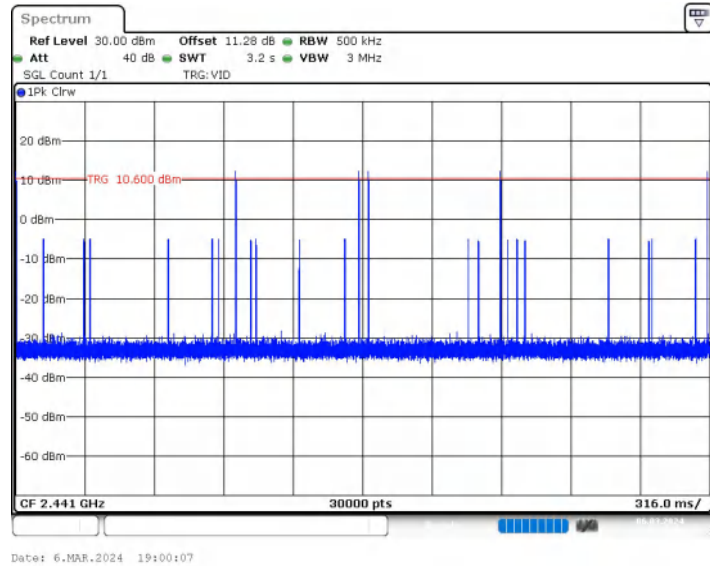


Date: 6.MAR.2024 19:01:59

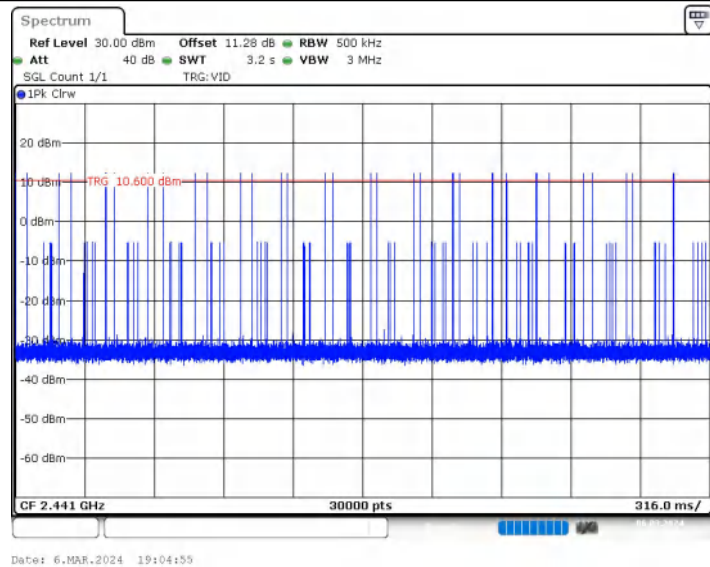
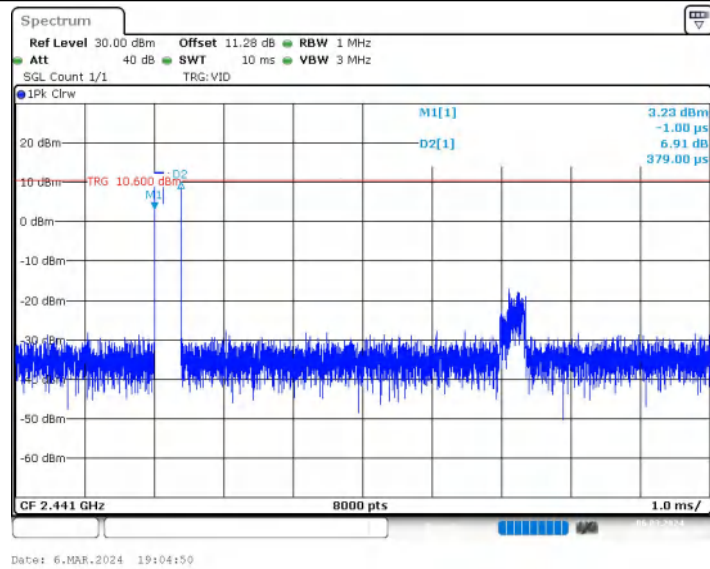
2DH5_Ant1_Hop



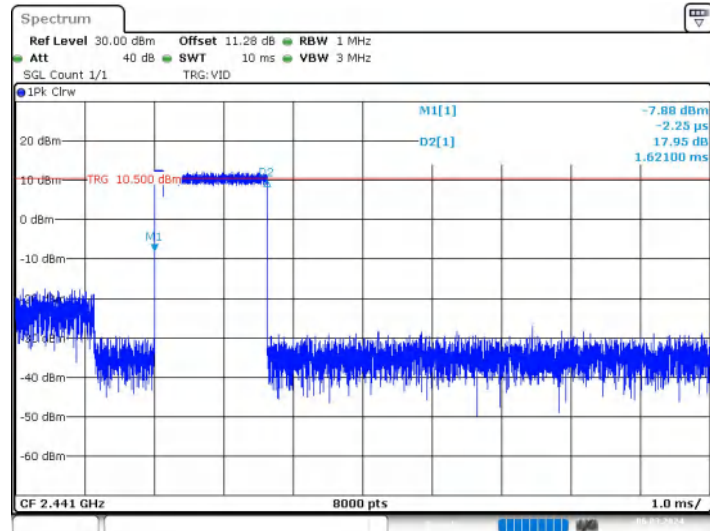
Date: 6.MAR.2024 19:00:02



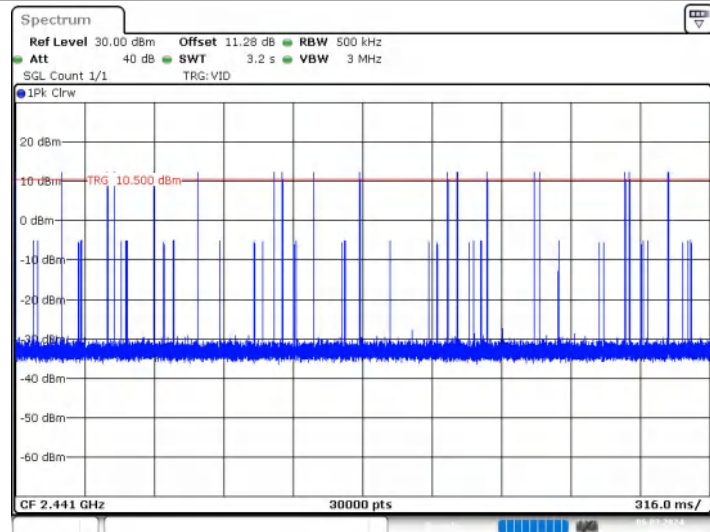
3DH1_Ant1_Hop



3DH3_Ant1_Hop

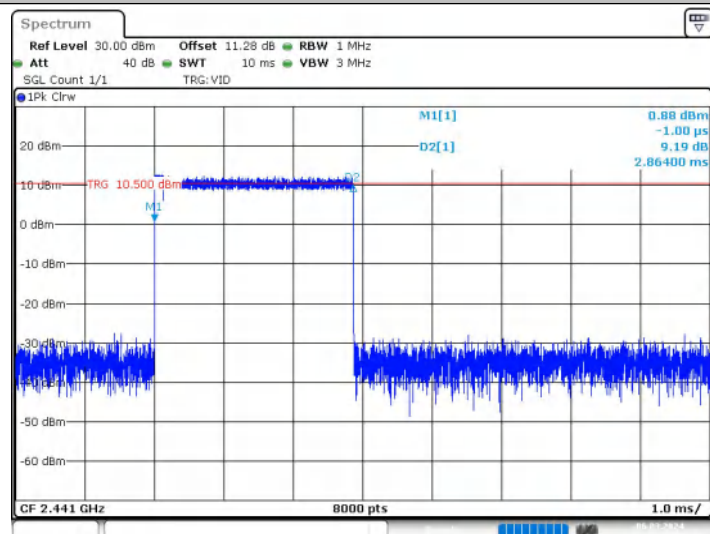


Date: 6.MAR.2024 19:05:33

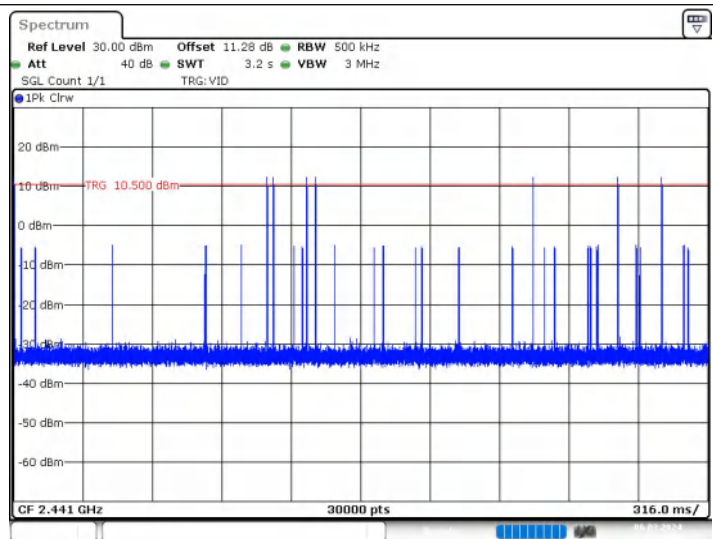


Date: 6.MAR.2024 19:05:38

3DH5_Ant1_Hop



Date: 6.MAR.2024 19:04:20



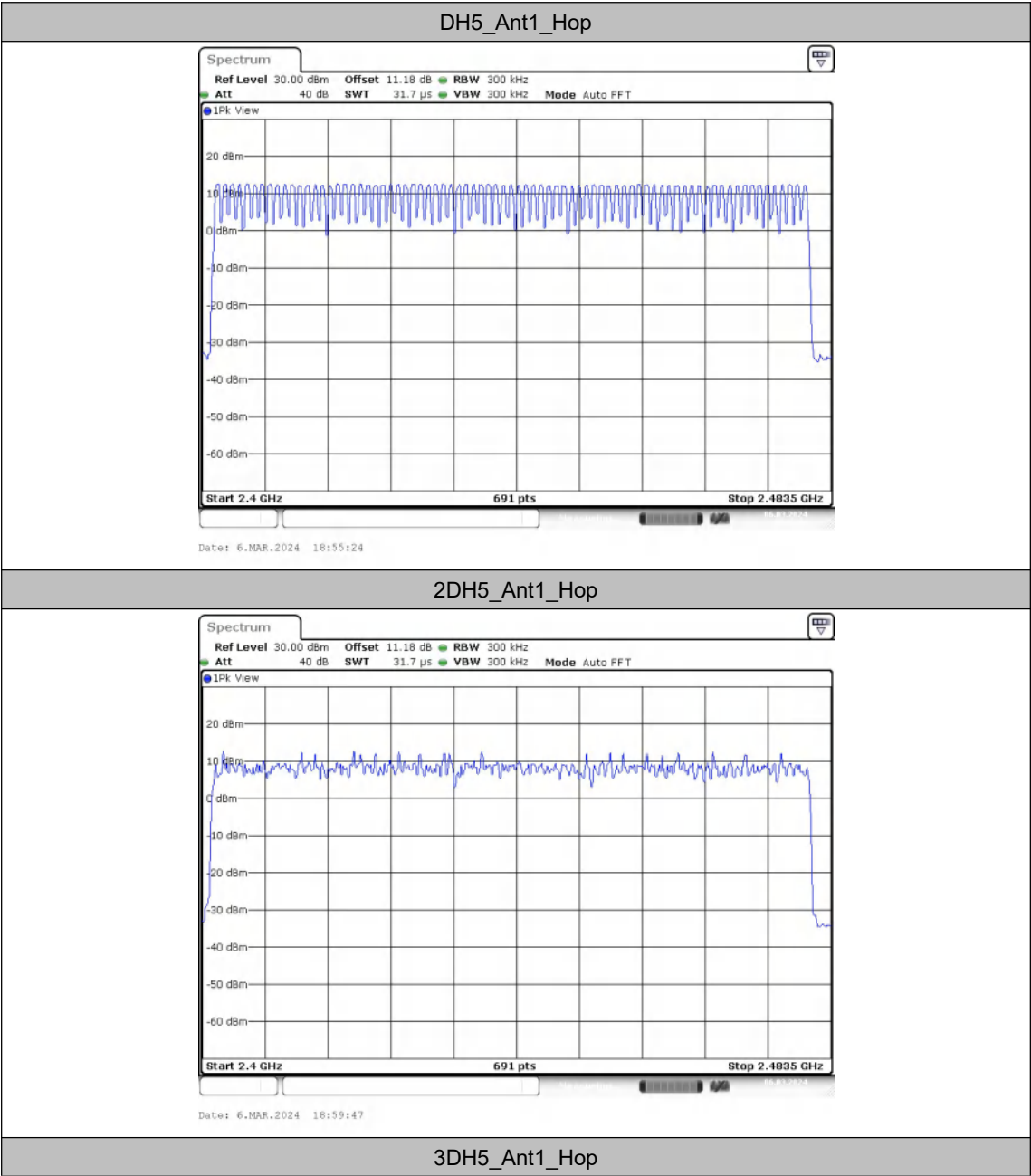
Date: 6.MAR.2024 19:04:25

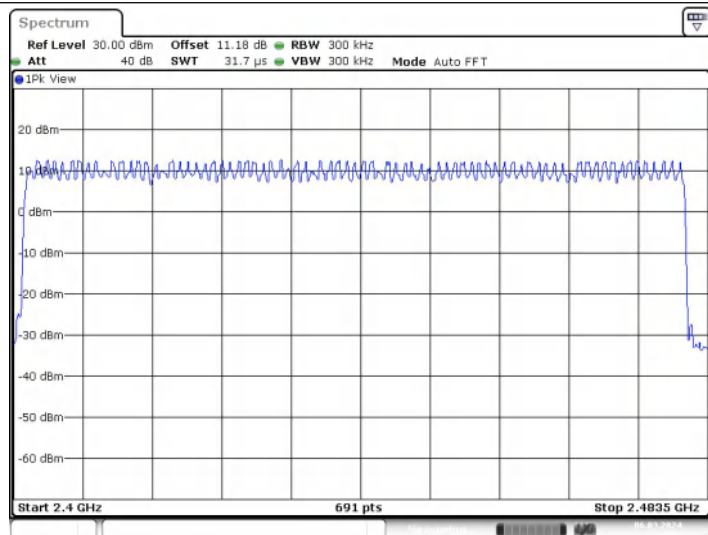
Appendix F: Number of hopping channels

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





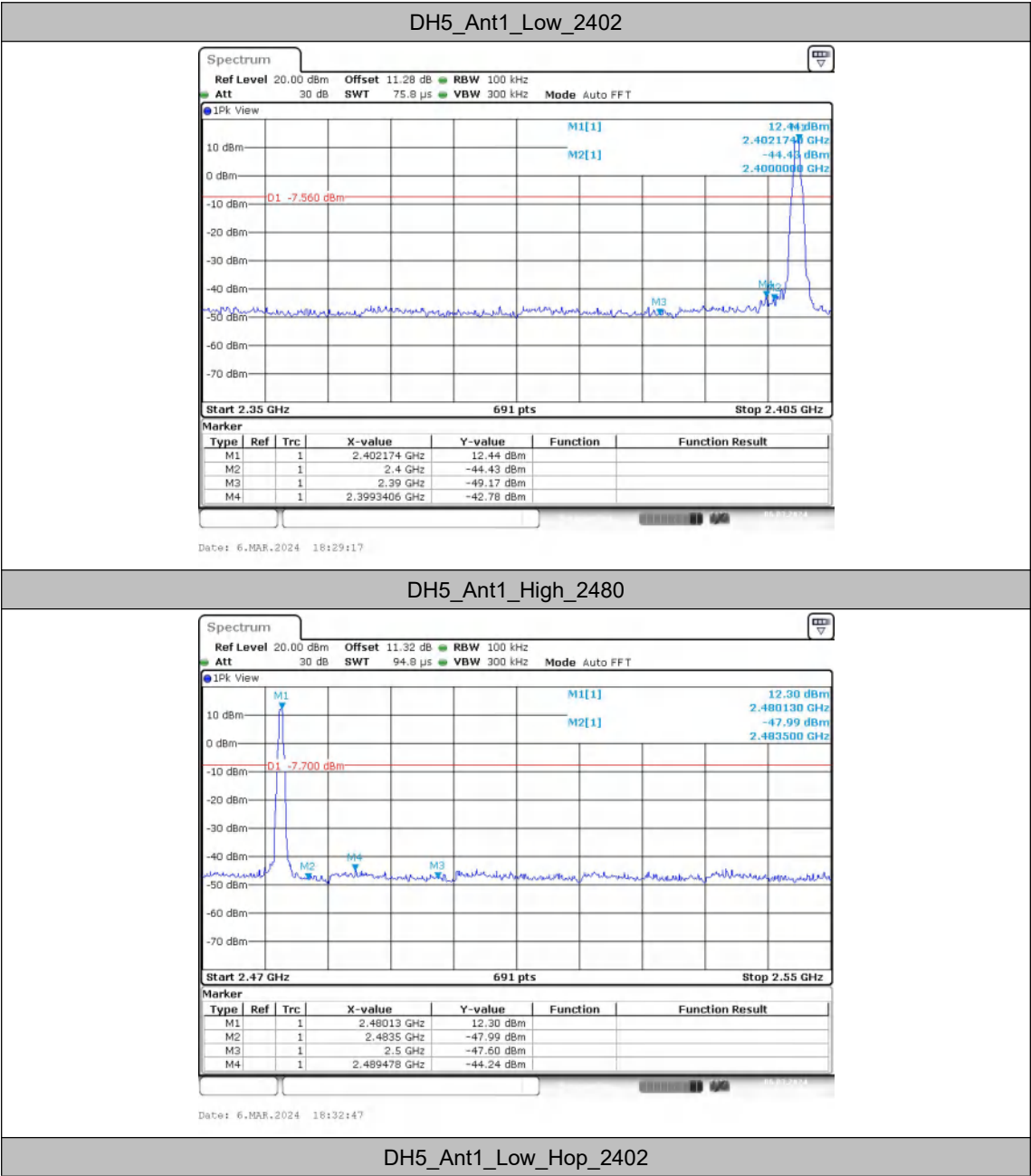
Date: 6.MAR.2024 19:04:05

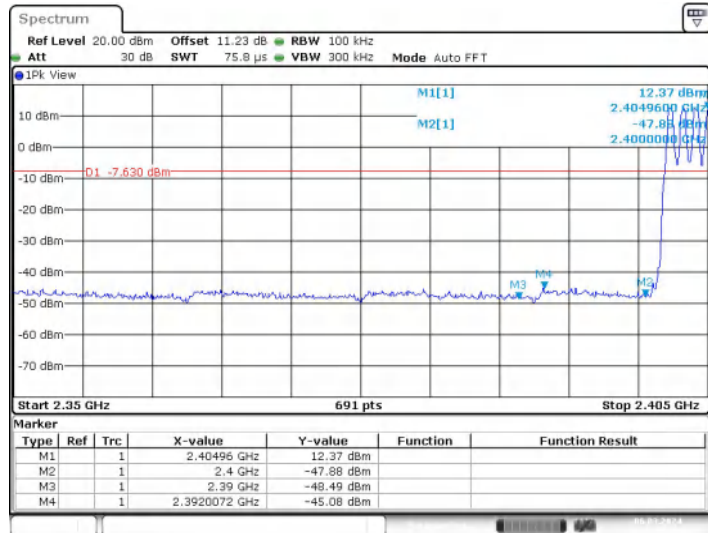
Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	12.44	-42.78	≤ -7.56	PASS
		High	2480	12.30	-44.24	≤ -7.7	PASS
		Low	Hop_2402	12.37	-45.08	≤ -7.63	PASS
		High	Hop_2480	12.51	-44.46	≤ -7.49	PASS
2DH5	Ant1	Low	2402	12.02	-44.84	≤ -7.98	PASS
		High	2480	12.18	-44.81	≤ -7.82	PASS
		Low	Hop_2402	12.74	-45.73	≤ -7.26	PASS
		High	Hop_2480	11.93	-44.81	≤ -8.07	PASS
3DH5	Ant1	Low	2402	12.41	-42.42	≤ -7.59	PASS
		High	2480	12.14	-44.16	≤ -7.86	PASS
		Low	Hop_2402	11.21	-45.35	≤ -8.79	PASS
		High	Hop_2480	11.66	-44.36	≤ -8.34	PASS

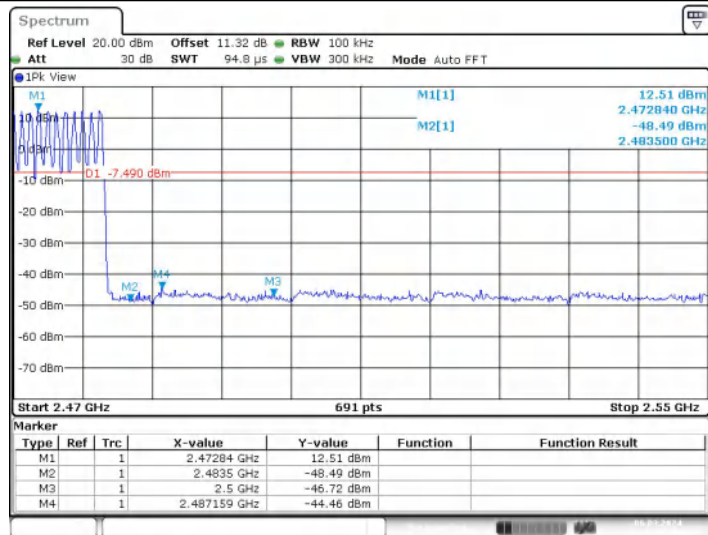
Test Graphs





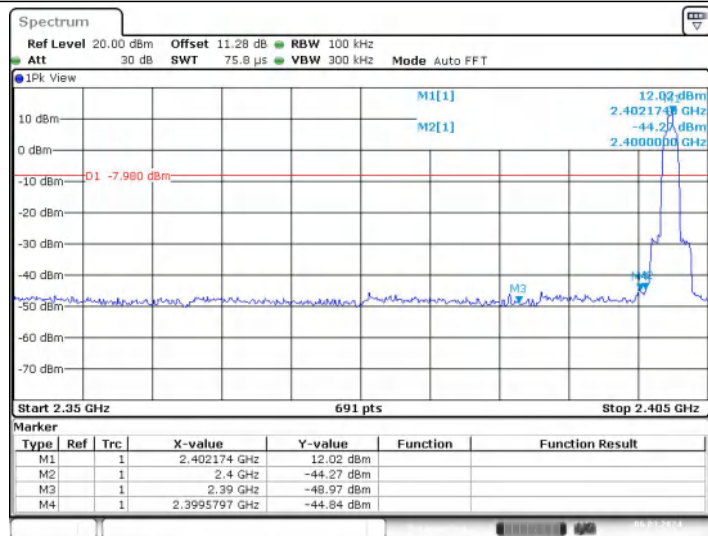
Date: 6.MAR.2024 18:51:31

DH5_Ant1_High_Hop_2480



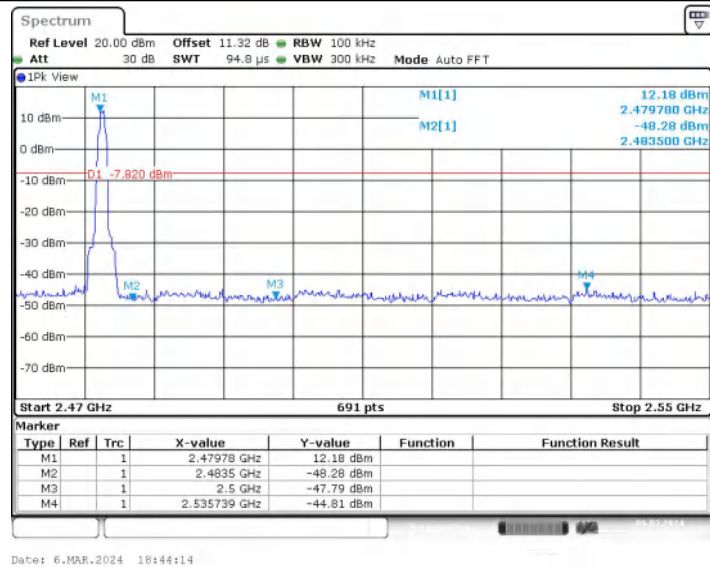
Date: 6.MAR.2024 18:57:07

2DH5_Ant1_Low_2402

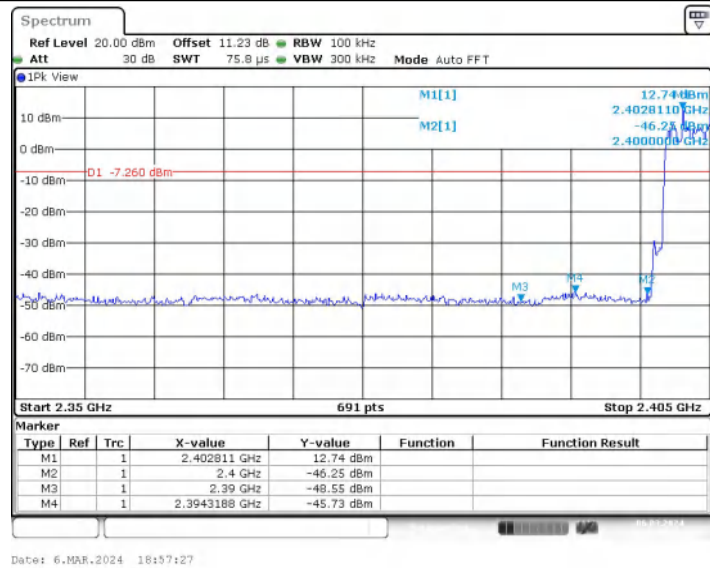


Date: 6.MAR.2024 18:40:46

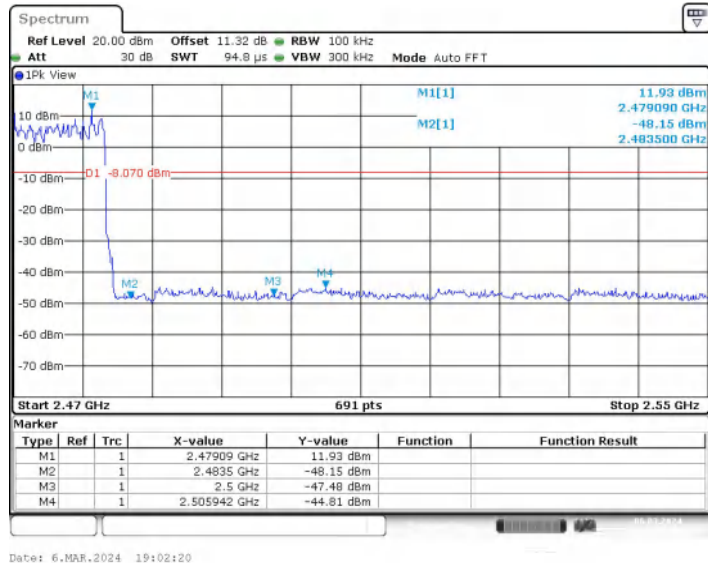
2DH5_Ant1_High_2480



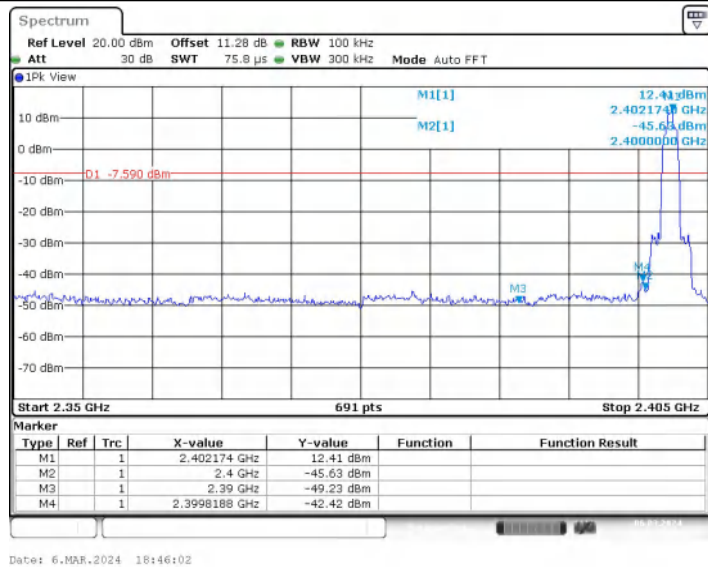
2DH5_Ant1_Low_Hop_2402



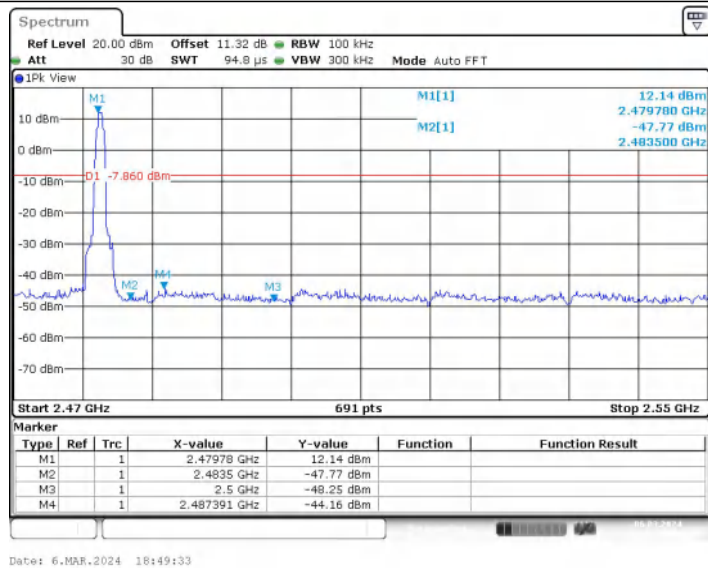
2DH5_Ant1_High_Hop_2480



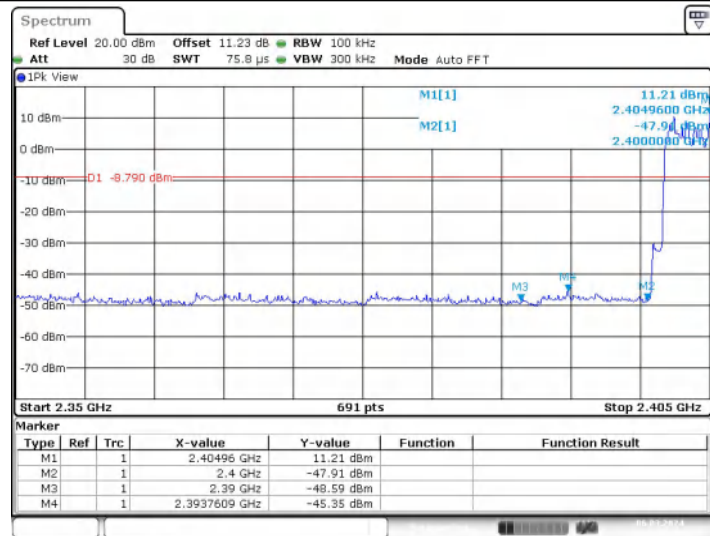
3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480

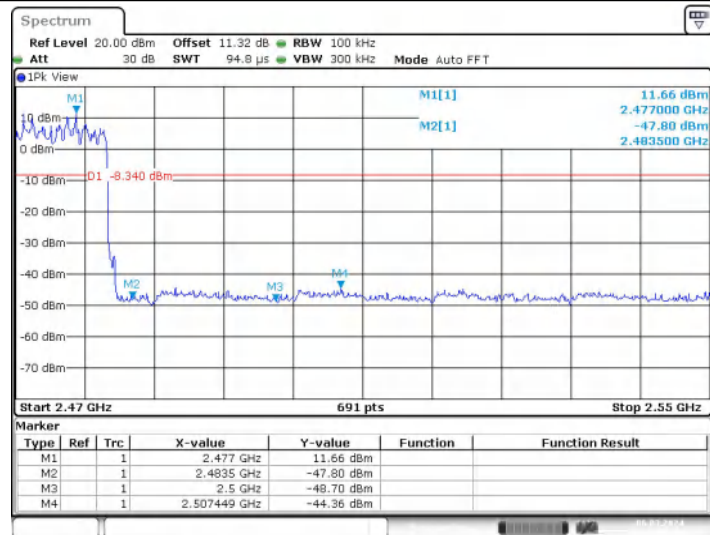


3DH5_Ant1_Low_Hop_2402



Date: 6.MAR.2024 19:02:55

3DH5_Ant1_High_Hop_2480



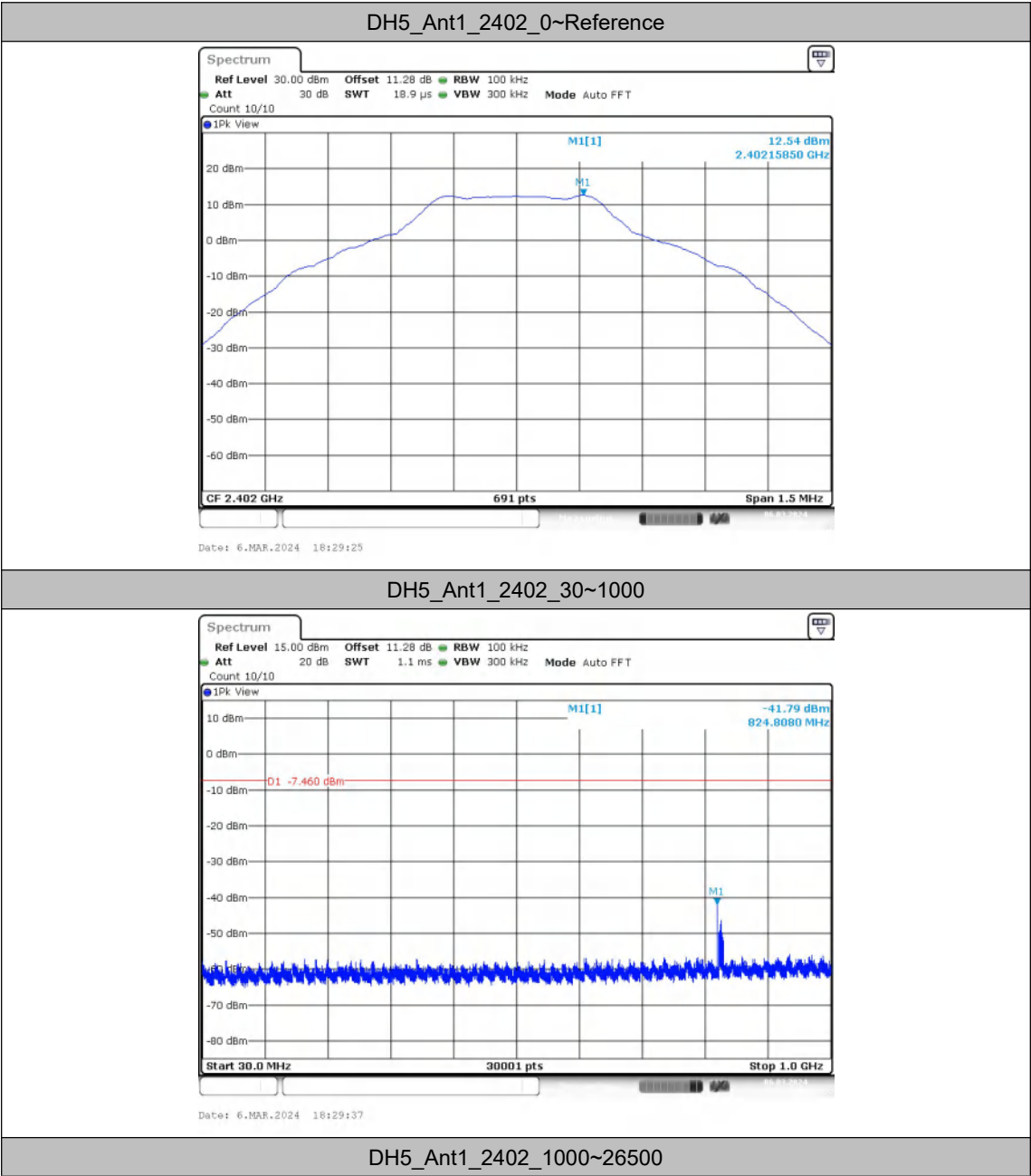
Date: 6.MAR.2024 19:05:56

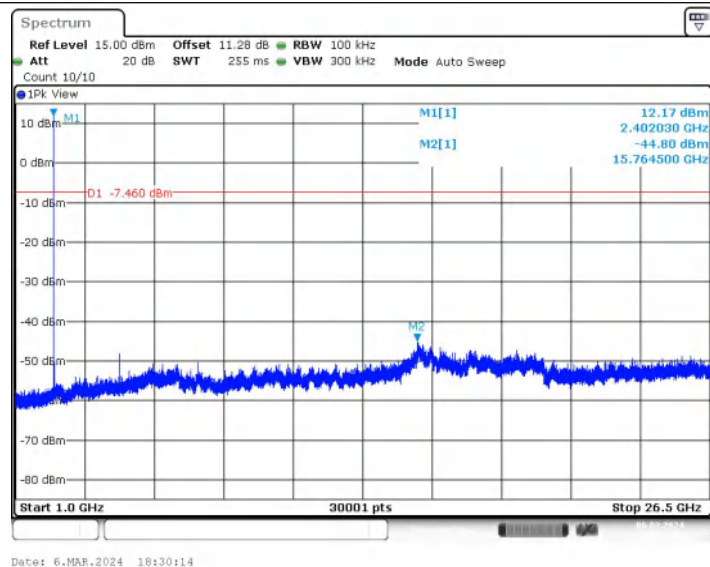
Appendix H: Conducted Spurious Emission

Test Result

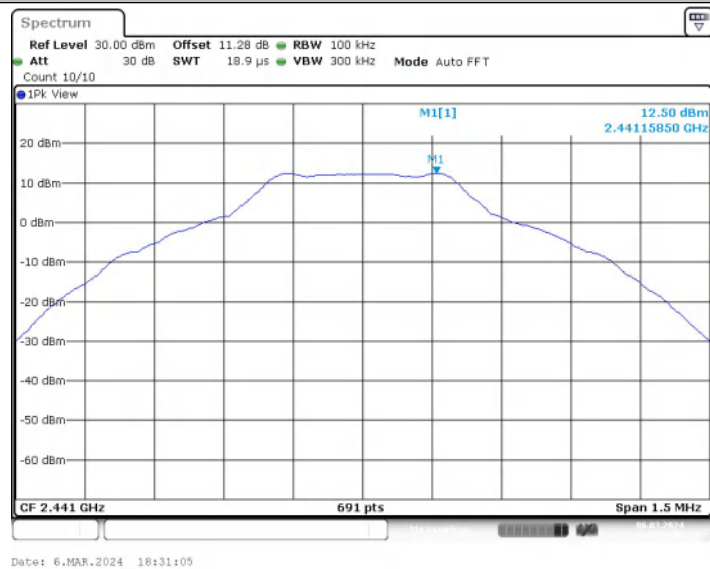
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	12.54	12.54	---	PASS
			30~1000	12.54	-41.79	≤-7.46	PASS
			1000~26500	12.54	-44.8	≤-7.46	PASS
		2441	Reference	12.50	12.50	---	PASS
			30~1000	12.50	-39.64	≤-7.5	PASS
			1000~26500	12.50	-44.91	≤-7.5	PASS
		2480	Reference	12.29	12.29	---	PASS
			30~1000	12.29	-55.09	≤-7.71	PASS
			1000~26500	12.29	-45.46	≤-7.71	PASS
2DH5	Ant1	2402	Reference	12.43	12.43	---	PASS
			30~1000	12.43	-55.58	≤-7.57	PASS
			1000~26500	12.43	-44.91	≤-7.57	PASS
		2441	Reference	12.34	12.34	---	PASS
			30~1000	12.34	-42.93	≤-7.66	PASS
			1000~26500	12.34	-45.04	≤-7.66	PASS
		2480	Reference	12.28	12.28	---	PASS
			30~1000	12.28	-55.57	≤-7.72	PASS
			1000~26500	12.28	-44.82	≤-7.72	PASS
3DH5	Ant1	2402	Reference	12.50	12.50	---	PASS
			30~1000	12.50	-55.88	≤-7.5	PASS
			1000~26500	12.50	-45.19	≤-7.5	PASS
		2441	Reference	12.68	12.68	---	PASS
			30~1000	12.68	-54.89	≤-7.32	PASS
			1000~26500	12.68	-44.64	≤-7.32	PASS
		2480	Reference	12.63	12.63	---	PASS
			30~1000	12.63	-49.68	≤-7.37	PASS
			1000~26500	12.63	-44.03	≤-7.37	PASS

Test Graphs

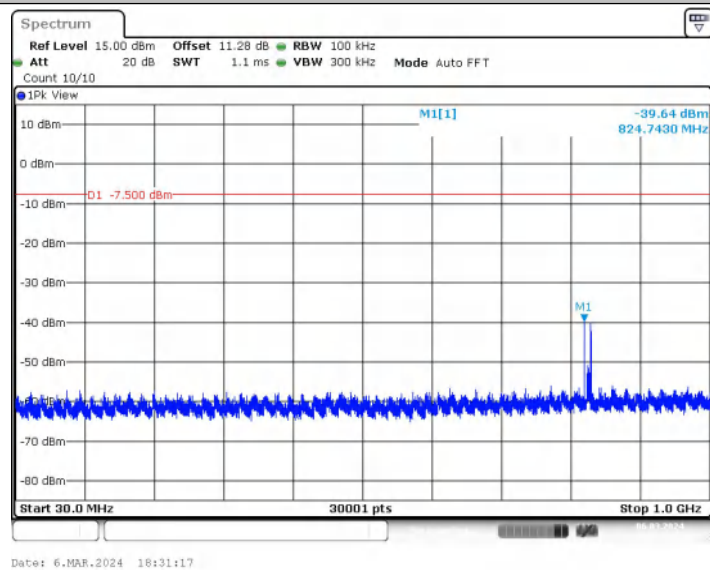




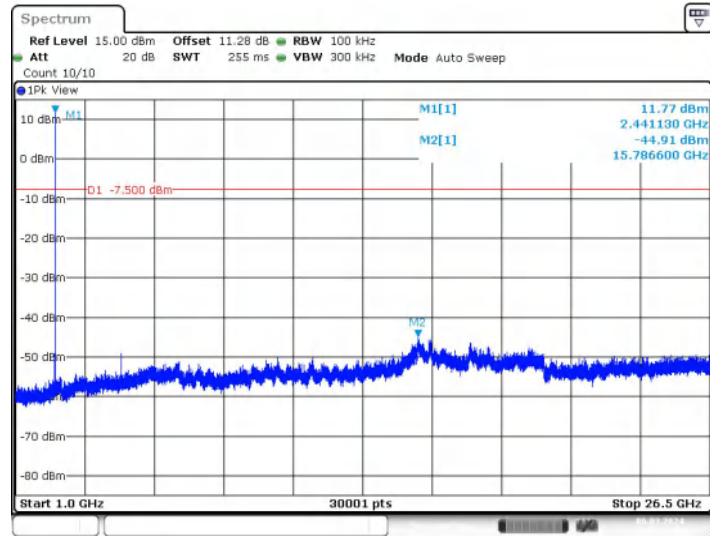
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

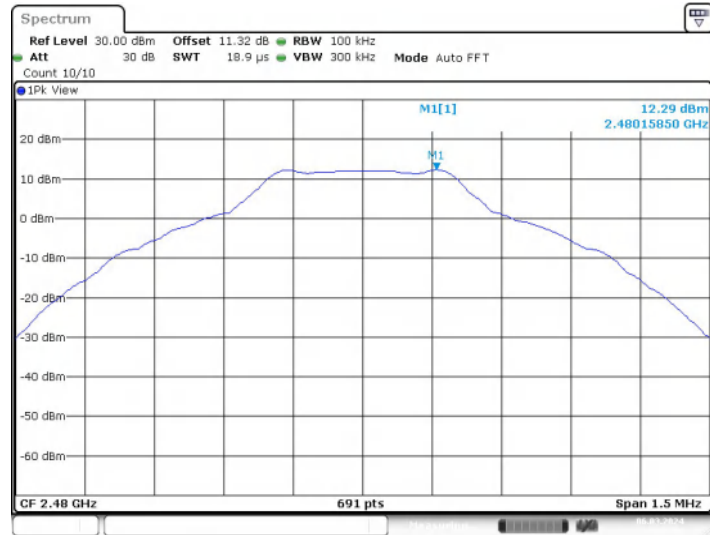


DH5_Ant1_2441_1000~26500



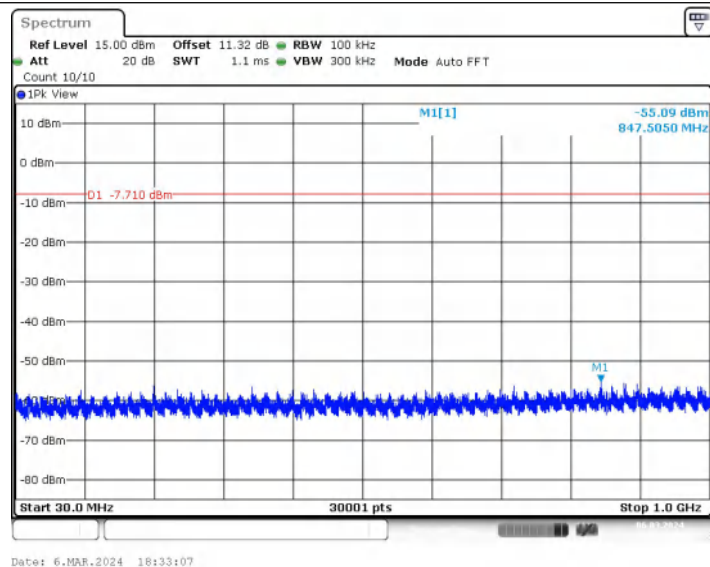
Date: 6.MAR.2024 18:31:54

DH5_Ant1_2480_0~Reference

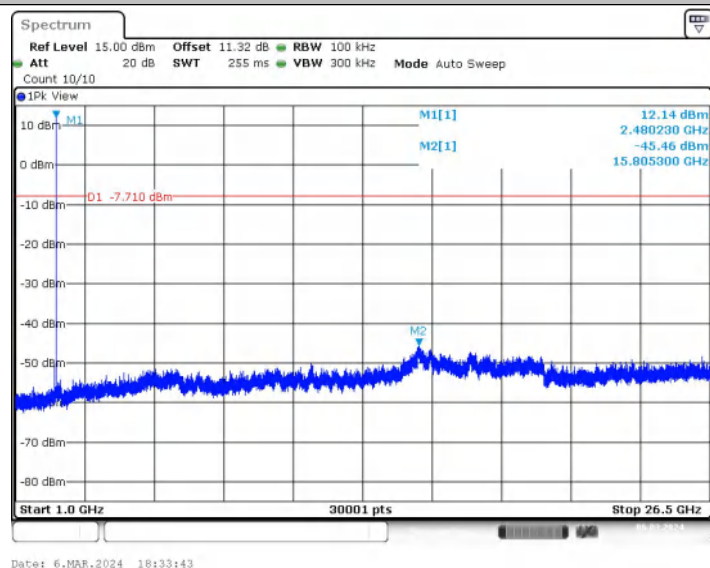


Date: 6.MAR.2024 18:32:55

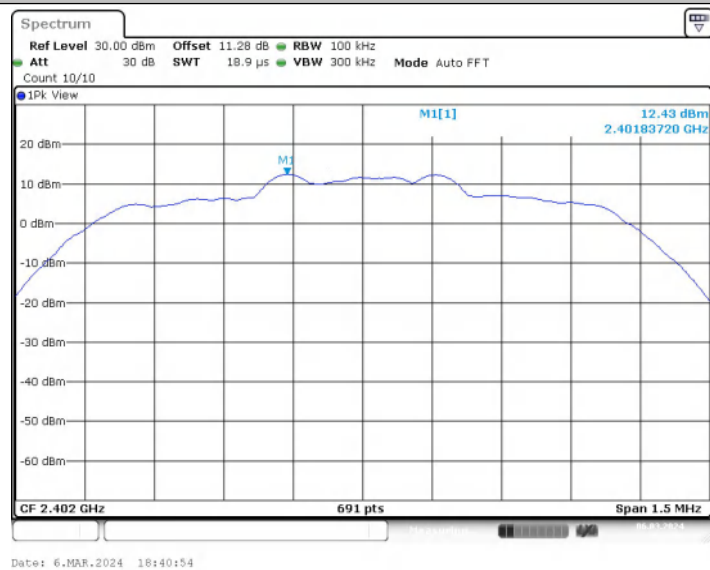
DH5_Ant1_2480_30~1000



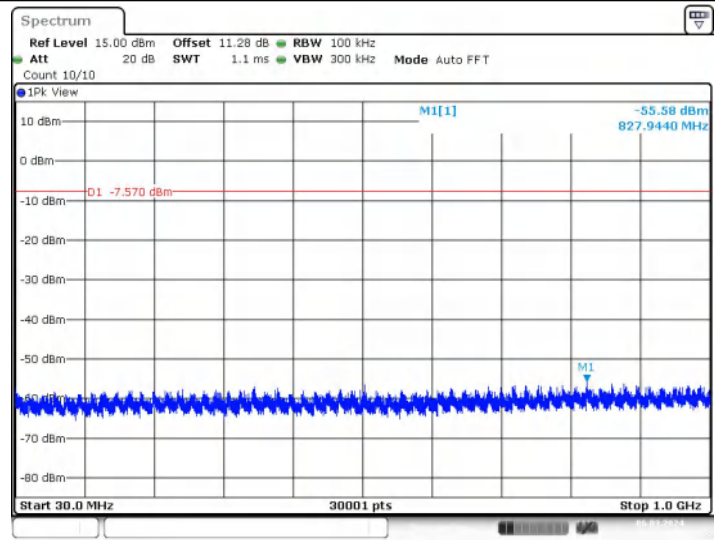
DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference

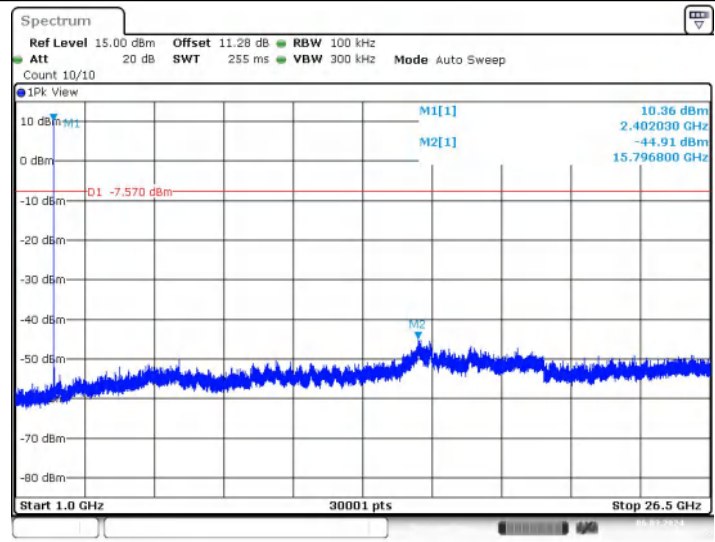


2DH5_Ant1_2402_30~1000



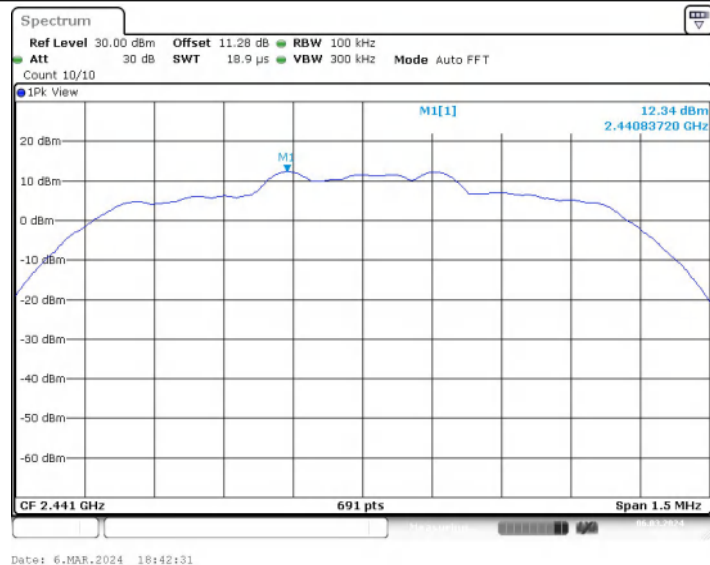
Date: 6.MAR.2024 18:41:05

2DH5_Ant1_2402_1000~26500

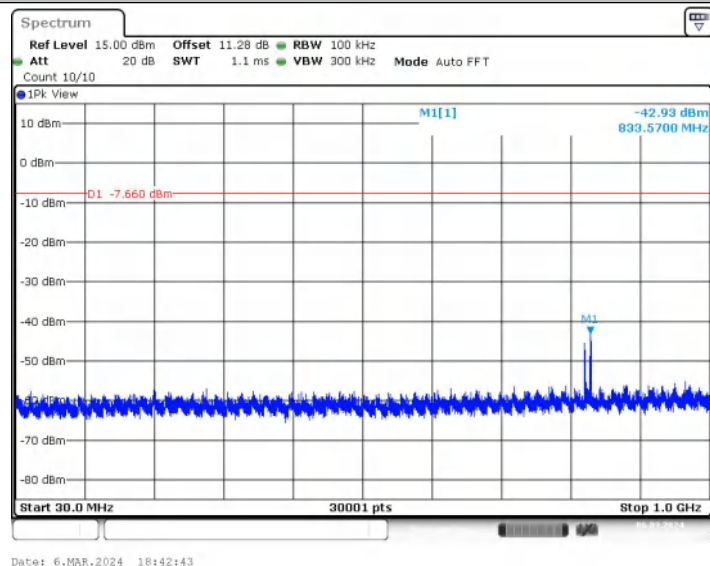


Date: 6.MAR.2024 18:41:42

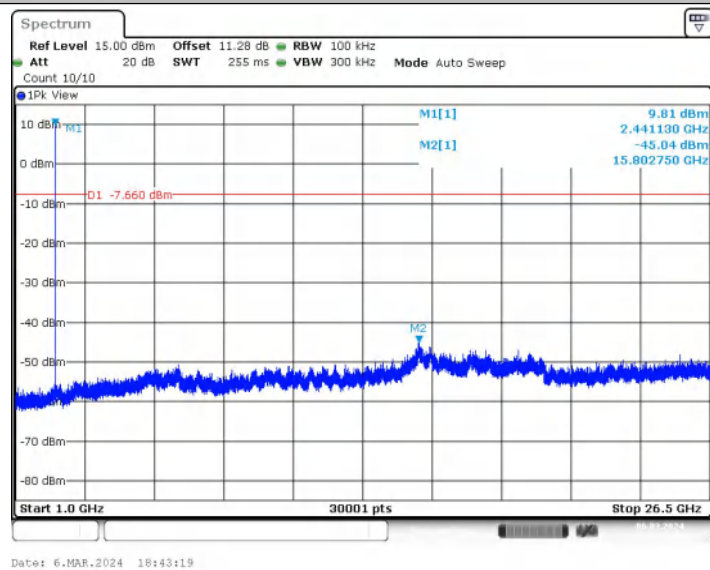
2DH5_Ant1_2441_0~Reference



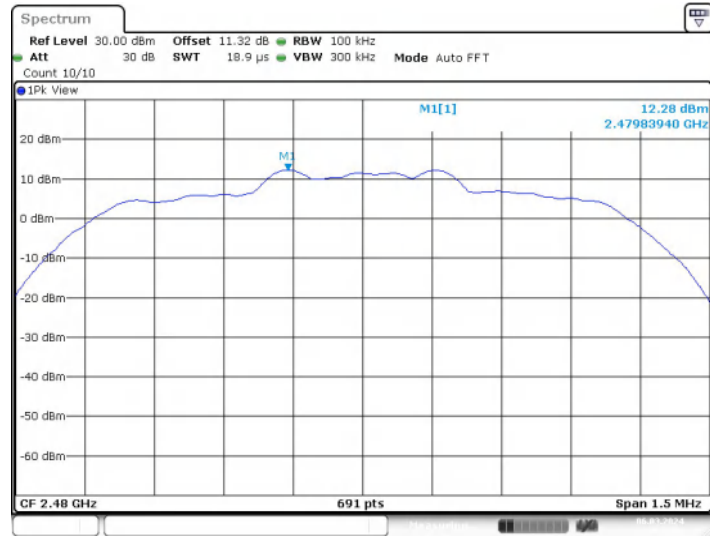
2DH5_Ant1_2441_30~1000



2DH5_Ant1_2441_1000~26500

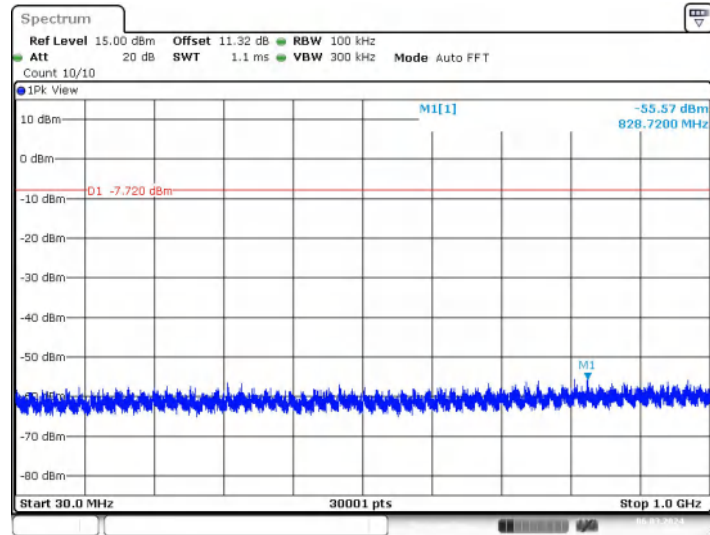


2DH5_Ant1_2480_0~Reference



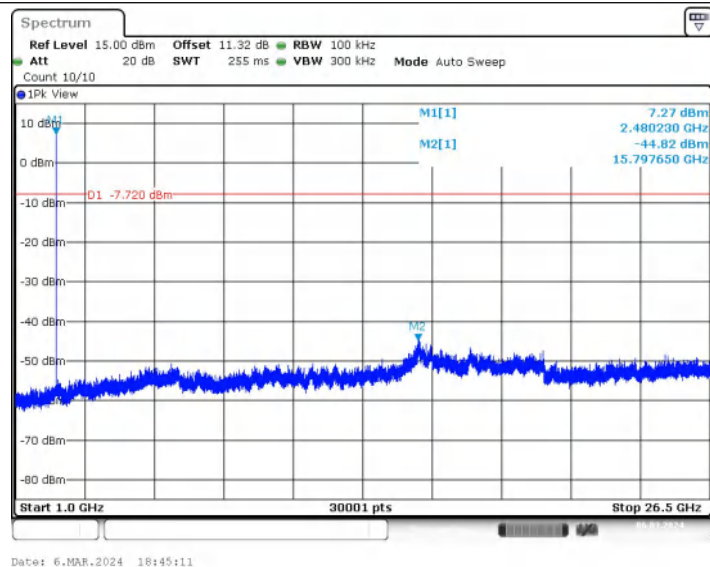
Date: 6.MAR.2024 18:44:22

2DH5_Ant1_2480_30~1000

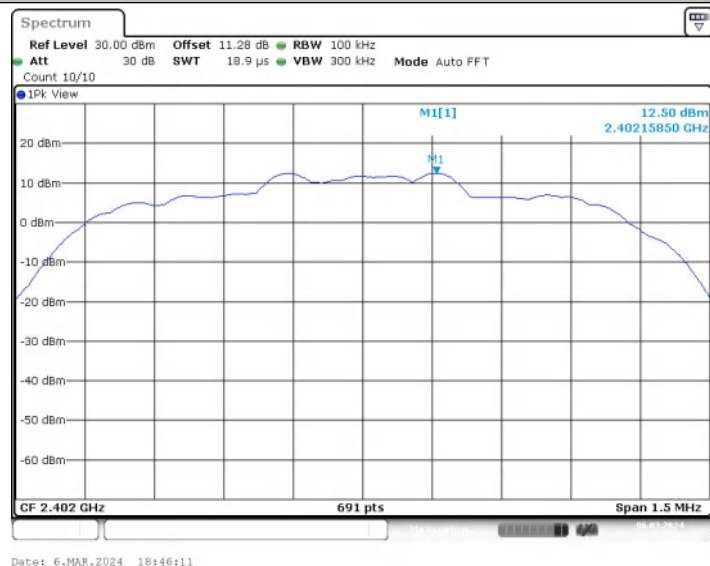


Date: 6.MAR.2024 18:44:34

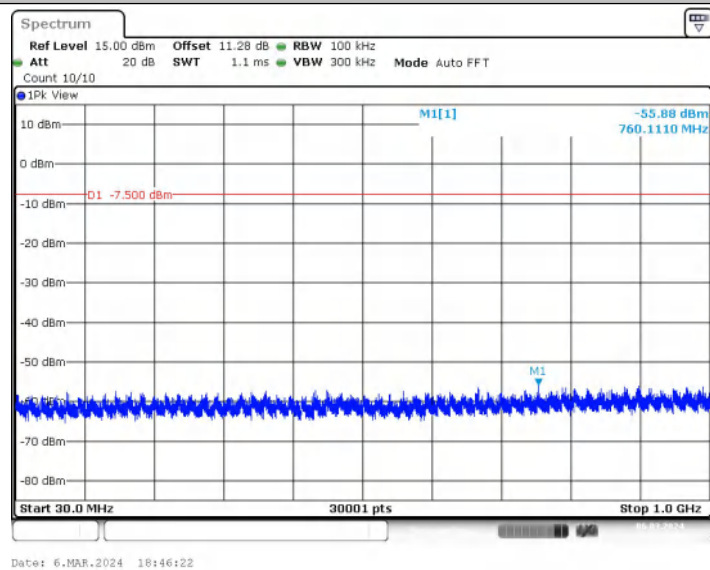
2DH5_Ant1_2480_1000~26500



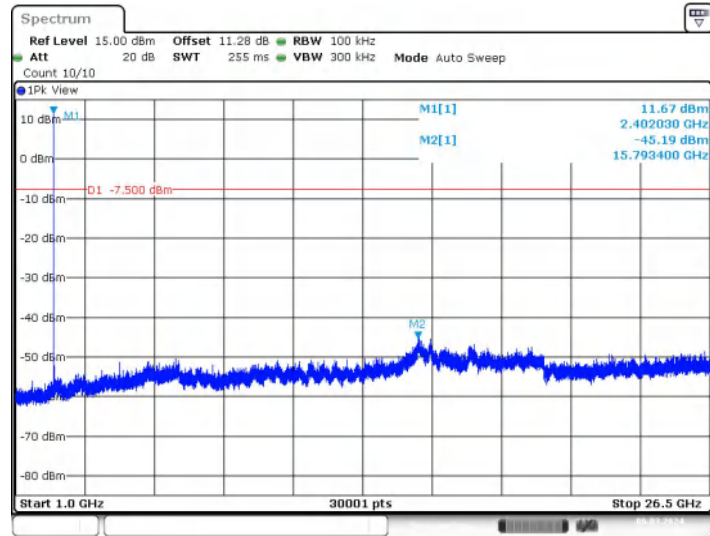
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000

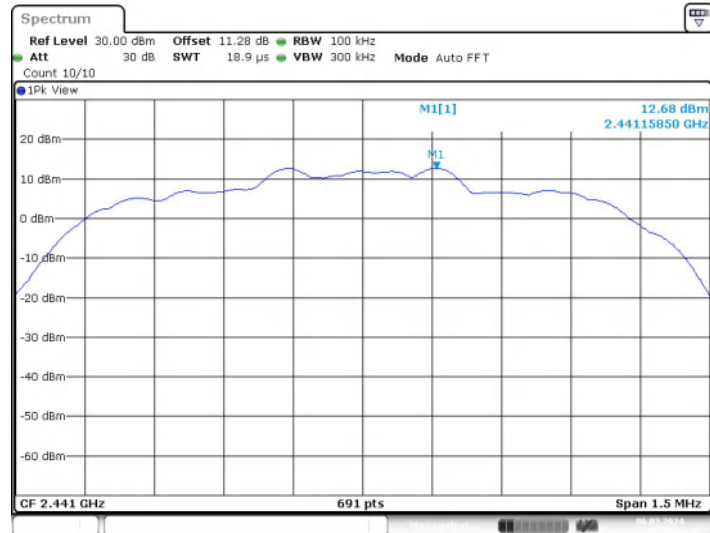


3DH5_Ant1_2402_1000~26500



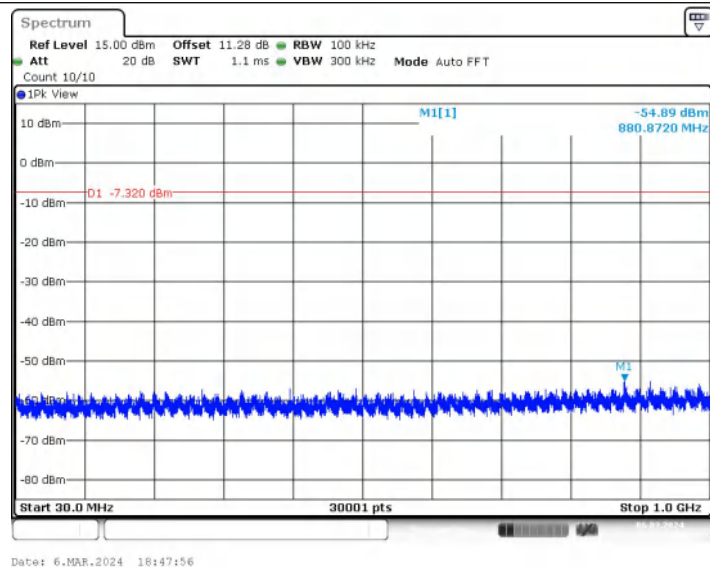
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3DH5_Ant1_2441_0~Reference

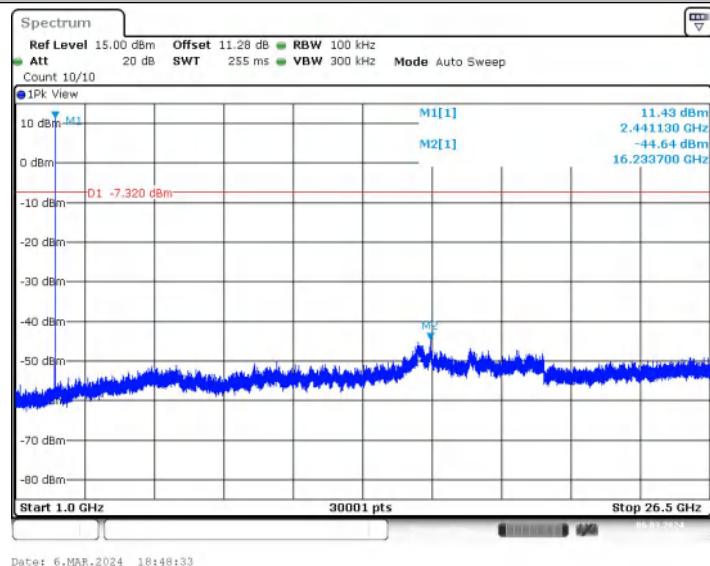


Date: 6.MAR.2024 18:47:44

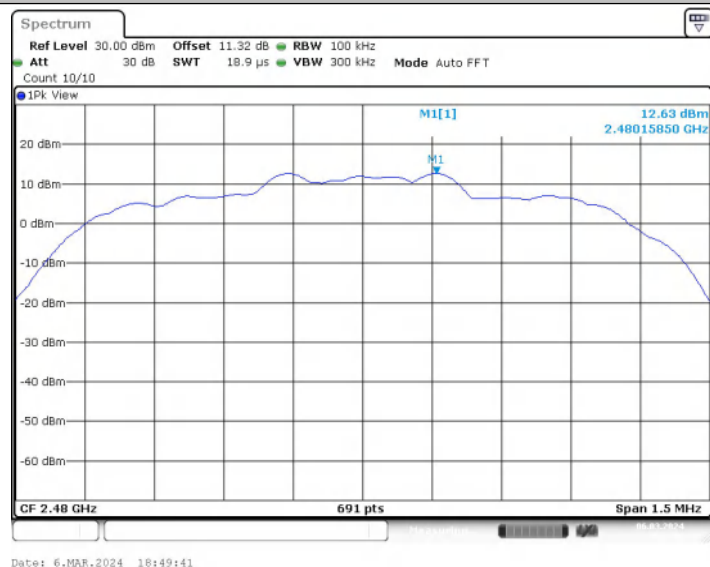
3DH5_Ant1_2441_30~1000



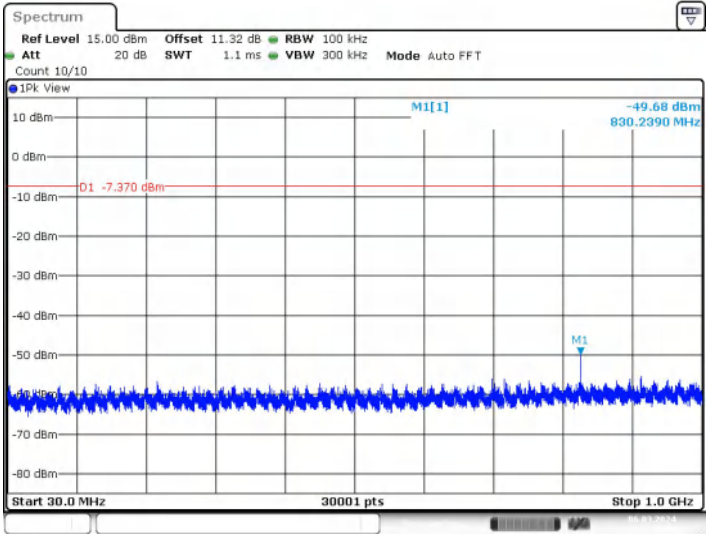
3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference

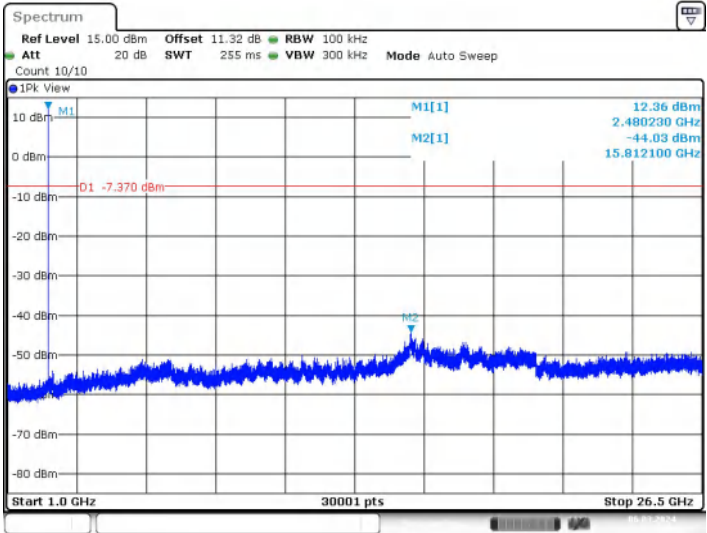


3DH5_Ant1_2480_30~1000



Date: 6.MAR.2024 18:49:53

3DH5_Ant1_2480_1000~26500



Date: 6.MAR.2024 18:50:30

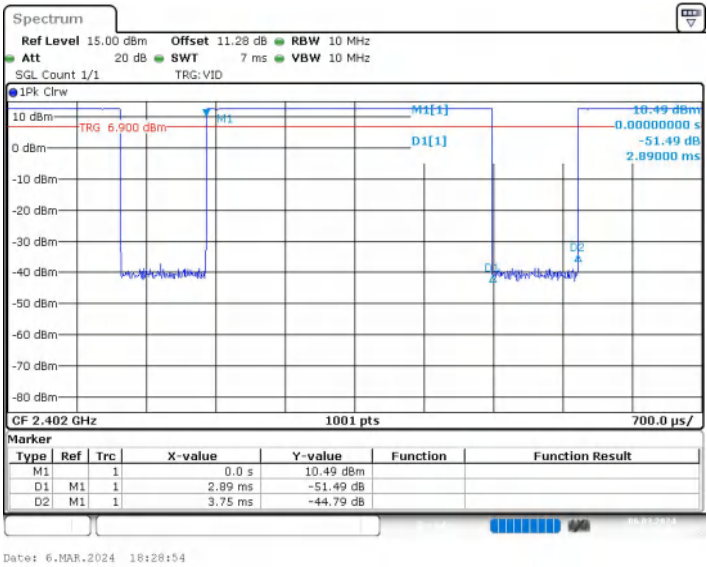
Appendix I: Duty Cycle

Test Result

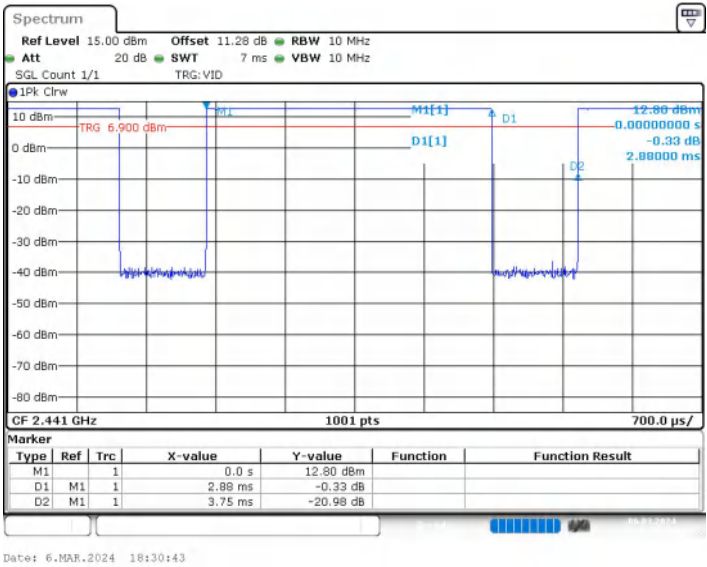
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.89	3.75	77.07	1.13	---	---
		2441	2.88	3.75	76.80	1.15	---	---
		2480	2.88	3.75	76.80	1.15	---	---
2DH5	Ant1	2402	2.88	3.75	76.80	1.15	---	---
		2441	2.89	3.75	77.07	1.13	---	---
		2480	2.89	3.76	76.86	1.14	---	---
3DH5	Ant1	2402	2.90	3.76	77.13	1.13	---	---
		2441	2.88	3.75	76.80	1.15	---	---
		2480	2.89	3.75	77.07	1.13	---	---

Test Graphs

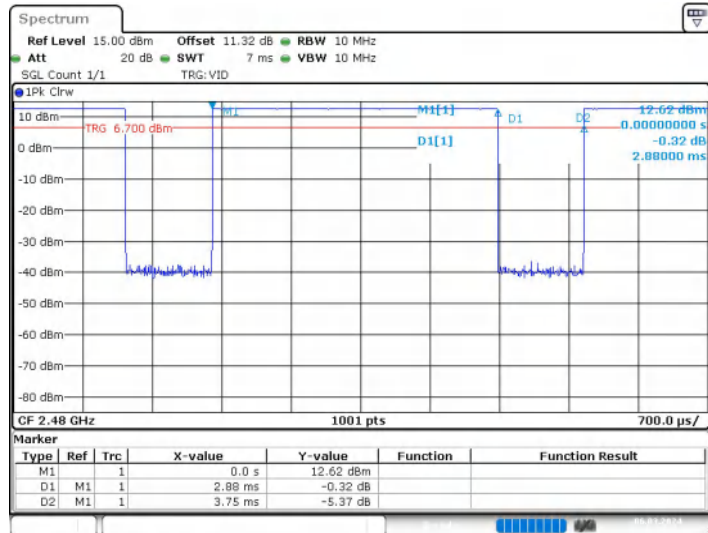
DH5_Ant1_2402



DH5_Ant1_2441

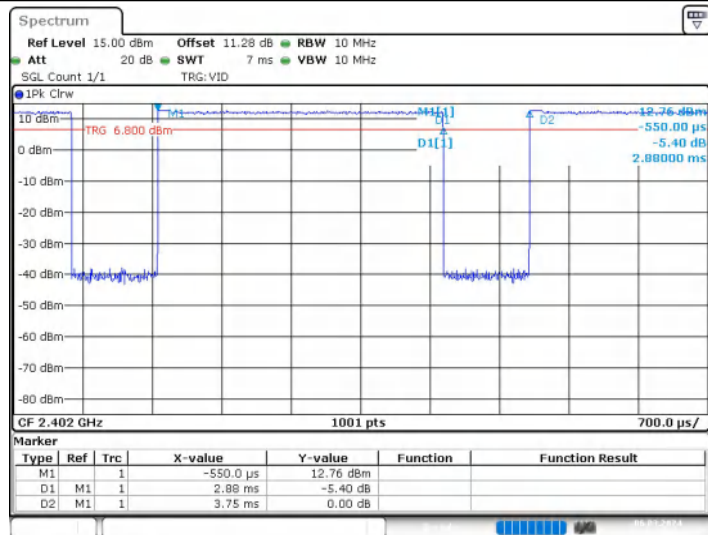


DH5_Ant1_2480



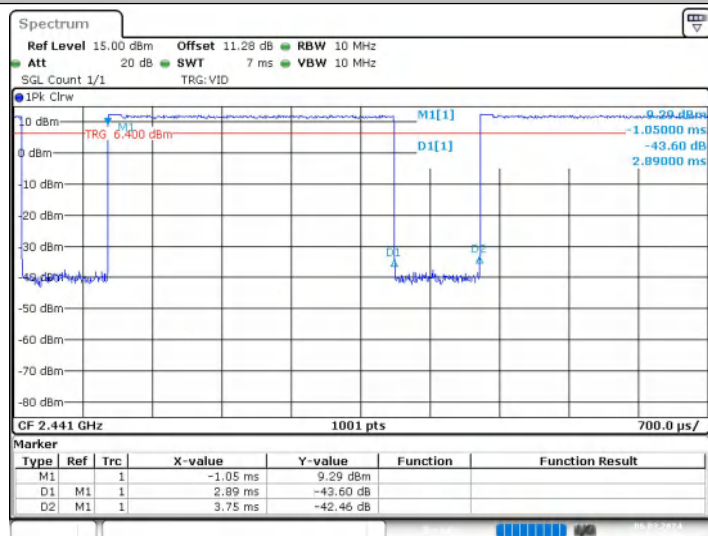
Date: 6.MAR.2024 18:32:23

2DH5_Ant1_2402



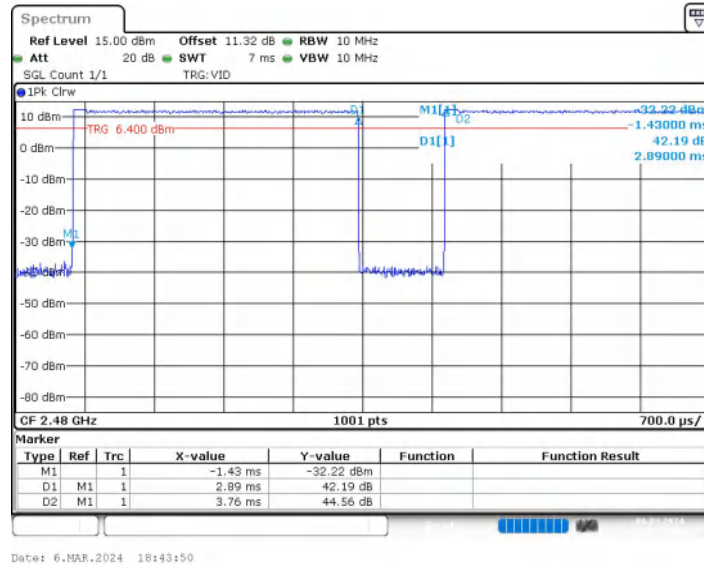
Date: 6.MAR.2024 18:40:22

2DH5_Ant1_2441

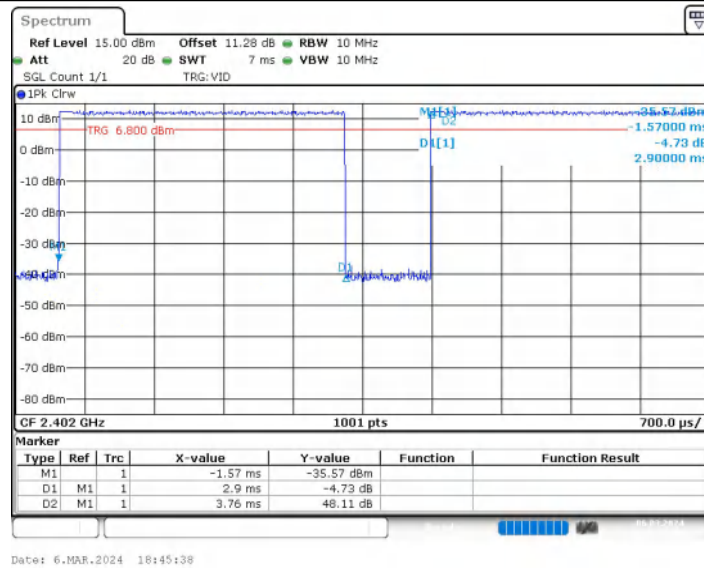


Date: 6.MAR.2024 18:42:09

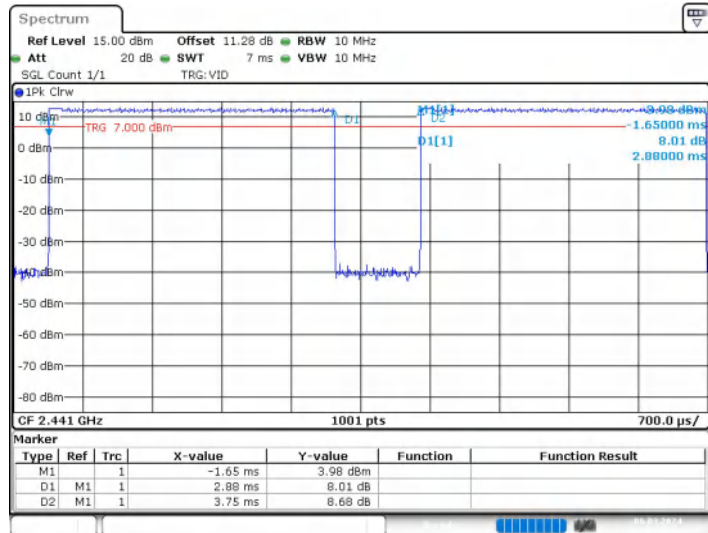
2DH5_Ant1_2480



3DH5_Ant1_2402

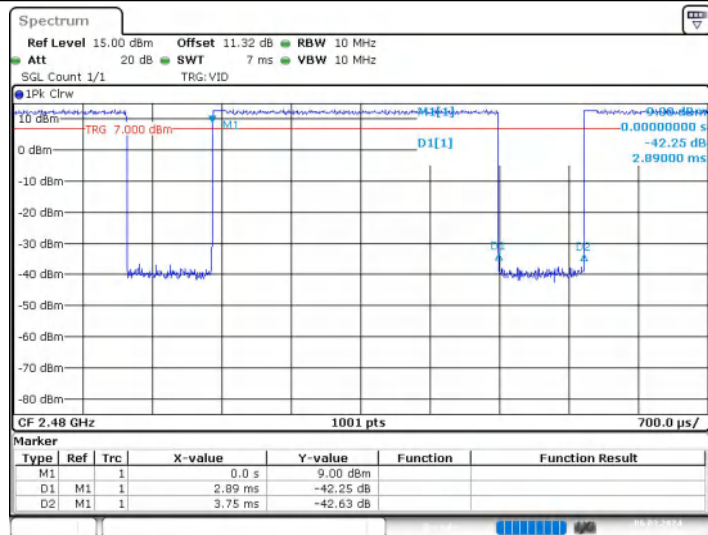


3DH5_Ant1_2441



Date: 6.MAR.2024 18:47:22

3DH5_Ant1_2480



Date: 6.MAR.2024 18:49:09