

APPENDIX REPORT

Project No.	SHT2607061302W	Radio Specification	Bluetooth EDR
Test sample No.	YPHT26070613003	Model No.	B02-MC
Start test date	2026/8/31	Finish date	2026/8/31
Temperature	23.6℃	Humidity	57%
Test Engineer	Jiaxing Si	Auditor	Xiaodong Zhao

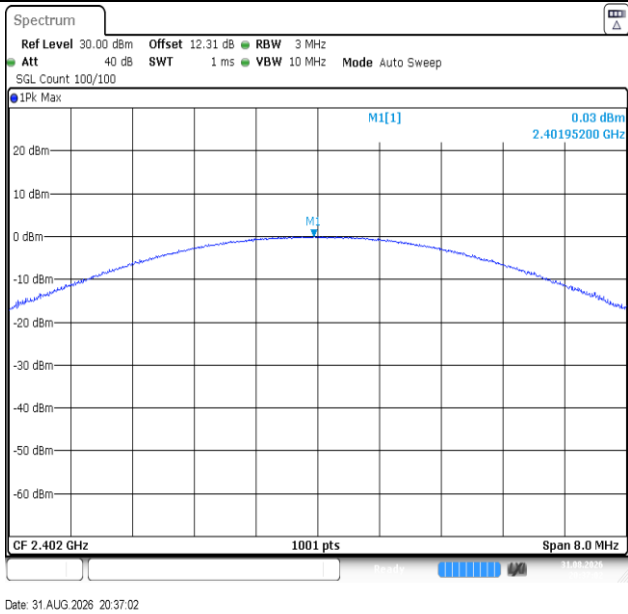
Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	20dB Bandwidth	PASS
C	99% Occupied Bandwidth	PASS
D	Carrier Frequency Separation	PASS
E	Hopping Channel Number	PASS
F	Dwell Time	PASS
G	Duty Cycle Correction Factor (DCCF)	PASS
H	Band edge and Spurious Emission(Conducted)	PASS

Appendix A: Peak Output Power

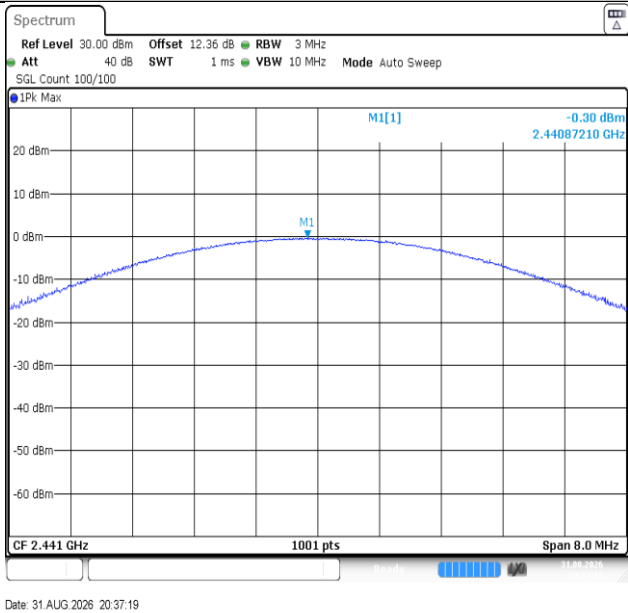
Test Result Peak

Test Mode	Frequency[MHz]	Peak Output Power[dBm]	Average Output Power[dBm]	Limit[dBm]	Verdict
DH5	2402	0.03	-0.12	≤20.97	PASS
DH5	2441	-0.30	-0.52	≤20.97	PASS
DH5	2480	-0.99	-1.06	≤20.97	PASS
2DH5	2402	-0.97	-1.01	≤20.97	PASS
2DH5	2441	-1.19	-1.25	≤20.97	PASS
2DH5	2480	-2.00	-2.24	≤20.97	PASS

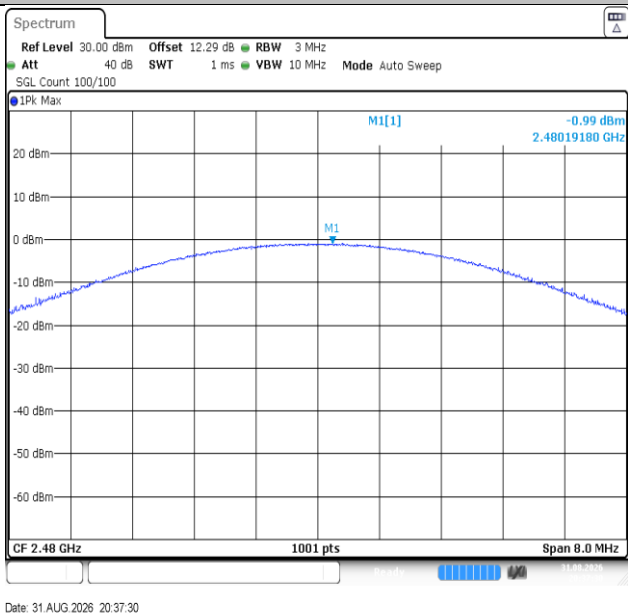
Test Graphs



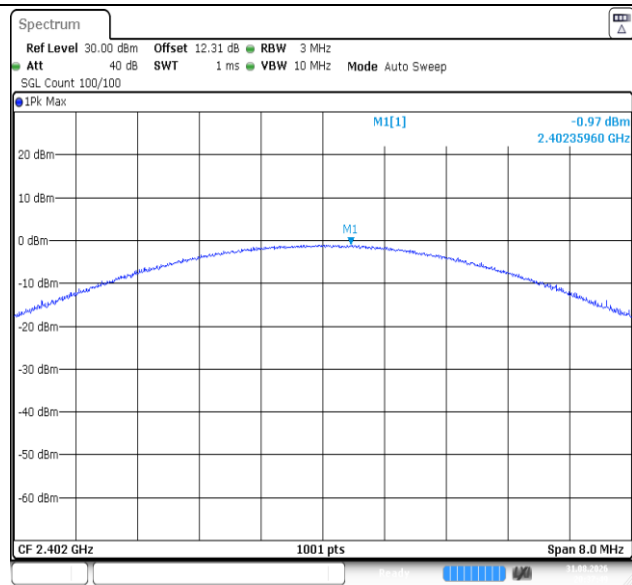
DH5-2402-PASS



DH5-2441-PASS

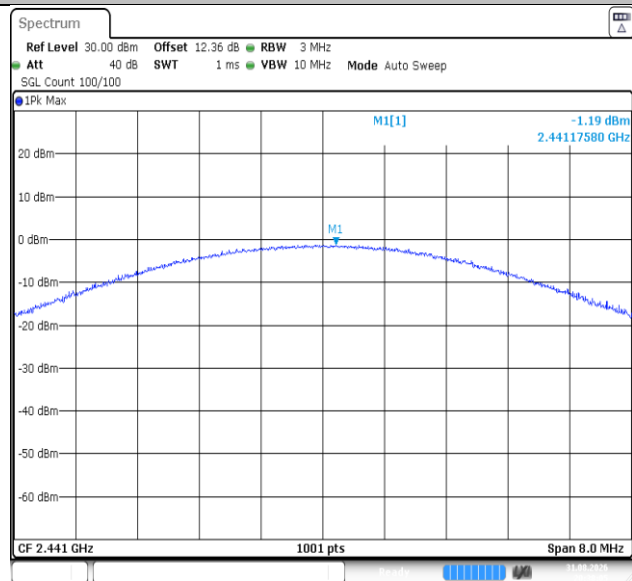


DH5-2480-PASS



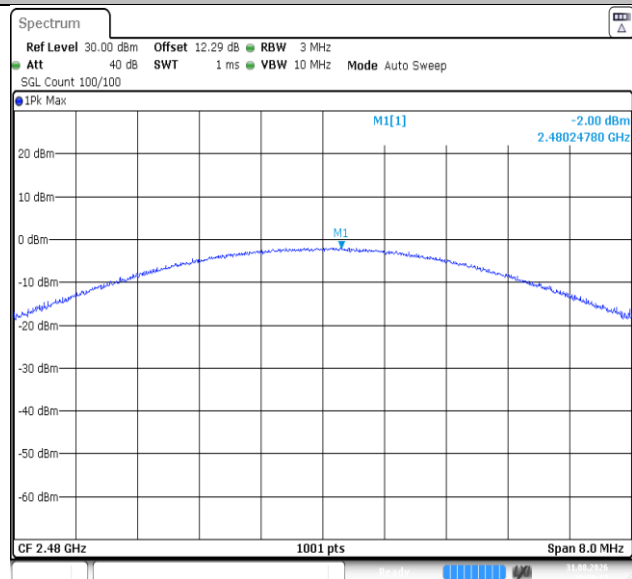
Date: 31 AUG 2026 20:37:50

2DH5-2402-PASS



Date: 31 AUG 2026 20:38:05

2DH5-2441-PASS



Date: 31 AUG 2026 20:38:17

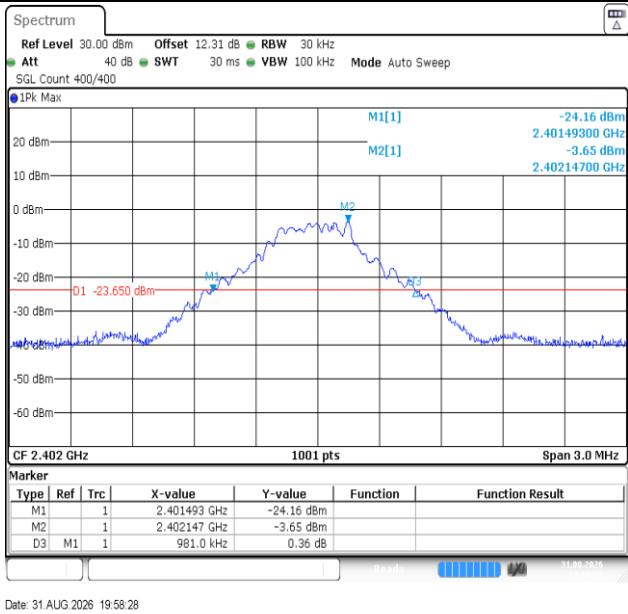
2DH5-2480-PASS

Appendix B: 20dB Bandwidth

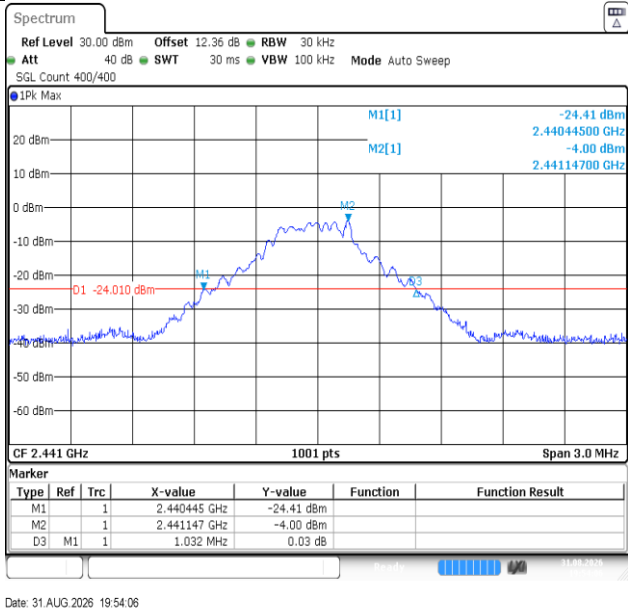
Test Result

TestMode	Frequency[MHz]	20db Bandwidth [MHz]	Limit[MHz]	Verdict
DH5	2402	0.98	---	---
DH5	2441	1.03	---	---
DH5	2480	0.98	---	---
2DH5	2402	1.33	---	---
2DH5	2441	1.34	---	---
2DH5	2480	1.34	---	---

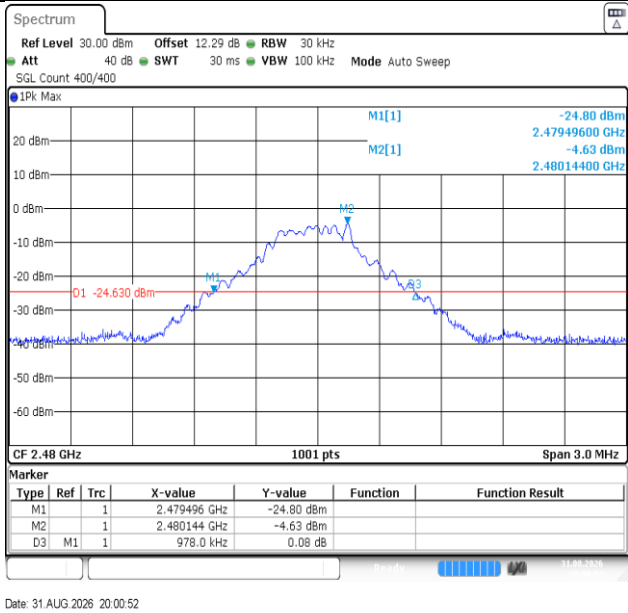
Test Graphs



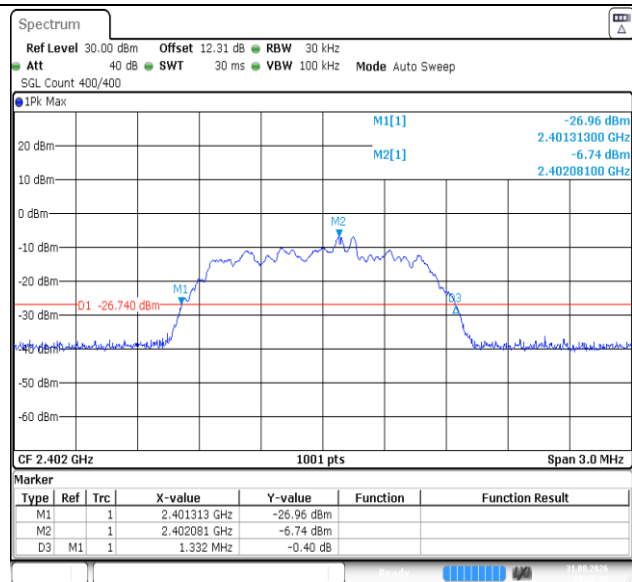
DH5-2402



DH5-2441

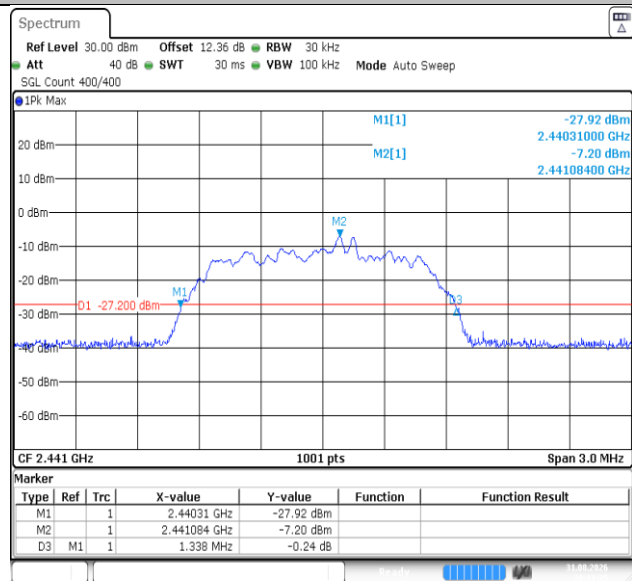


DH5-2480



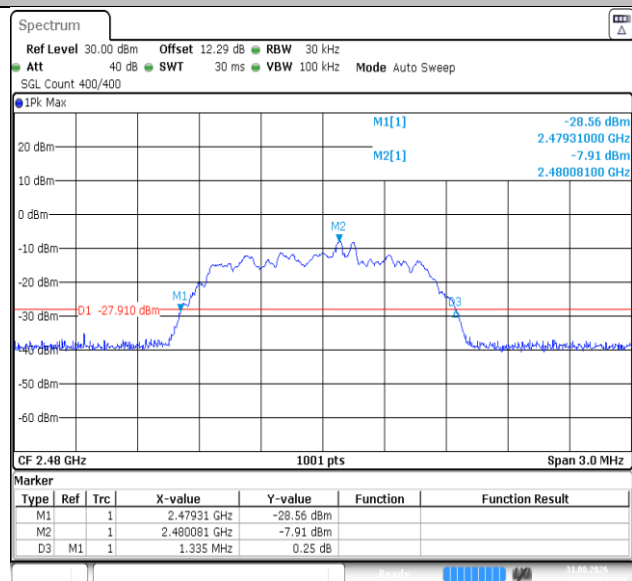
Date: 31 AUG 2026 20:08:43

2DH5-2402



Date: 31 AUG 2026 20:11:35

2DH5-2441



Date: 31 AUG 2026 20:13:17

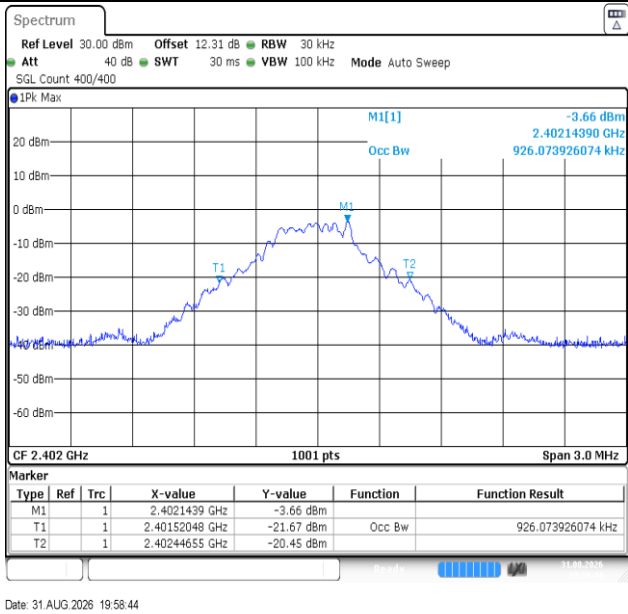
2DH5-2480

Appendix C: 99% Occupied Bandwidth

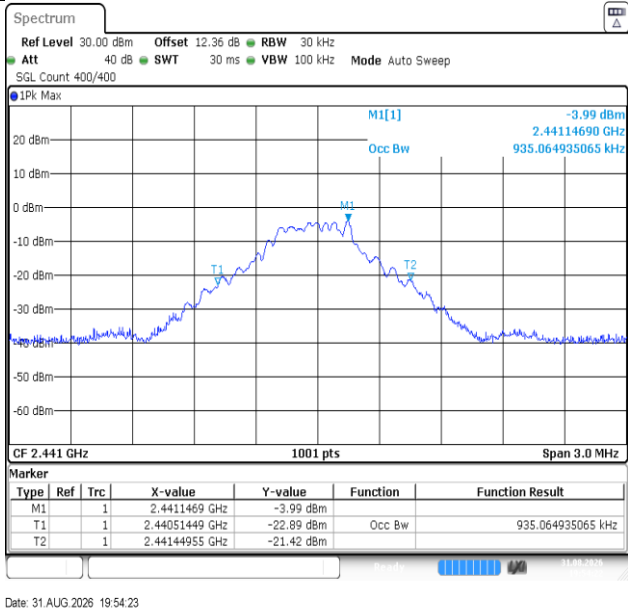
Test Result

TestMode	Frequency[MHz]	99% Occupied Bandwidth [MHz]	Limit[MHz]	Verdict
DH5	2402	0.92607	---	---
DH5	2441	0.93506	---	---
DH5	2480	0.94406	---	---
2DH5	2402	1.2198	---	---
2DH5	2441	1.2288	---	---
2DH5	2480	1.2378	---	---

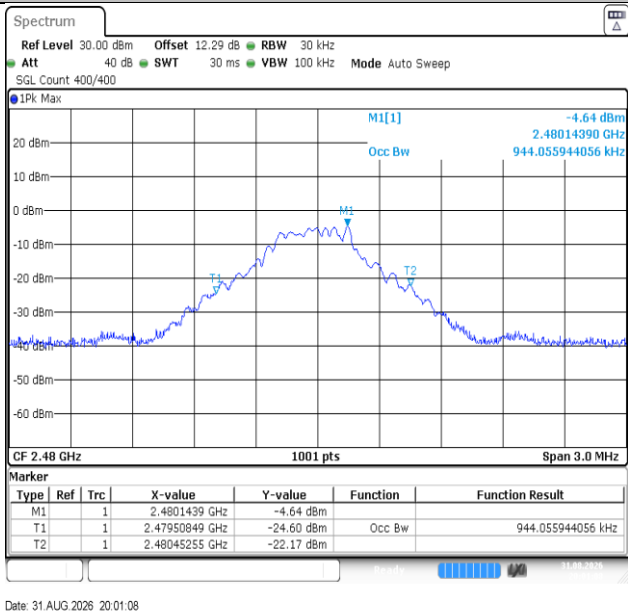
Test Graphs



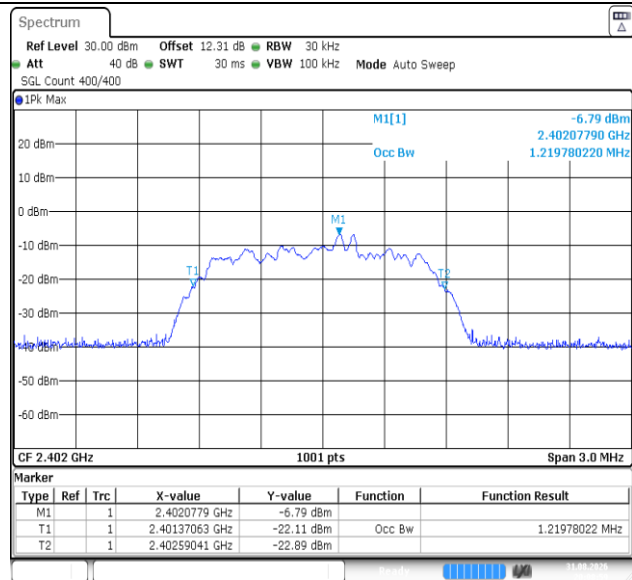
DH5-2402



DH5-2441

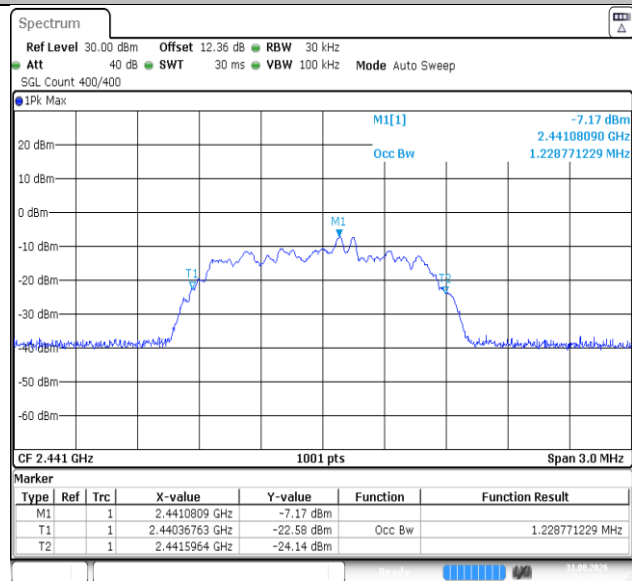


DH5-2480



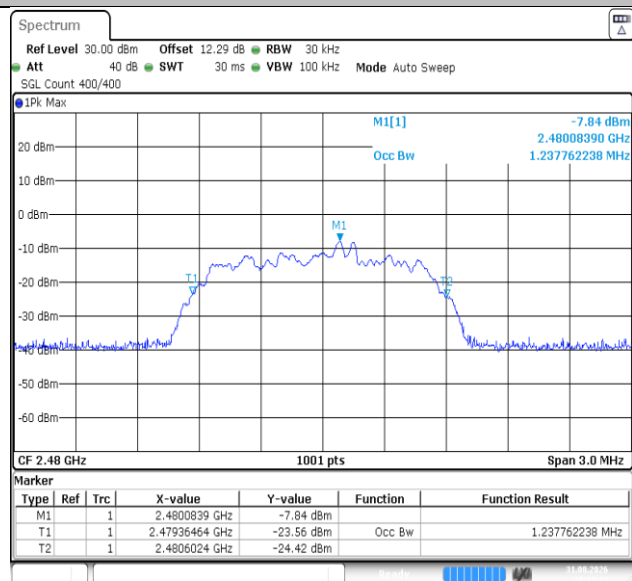
Date: 31 AUG 2026 20:08:59

2DH5-2402



Date: 31 AUG 2026 20:11:51

2DH5-2441



Date: 31 AUG 2026 20:13:33

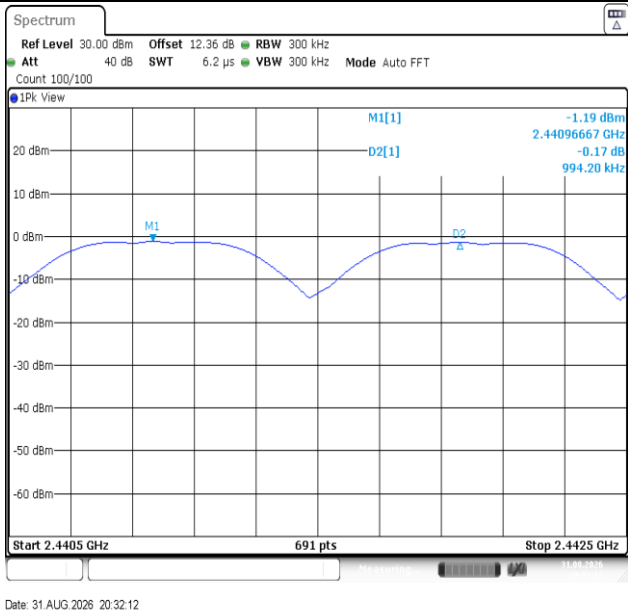
2DH5-2480

Appendix D: Carrier Frequency Separation

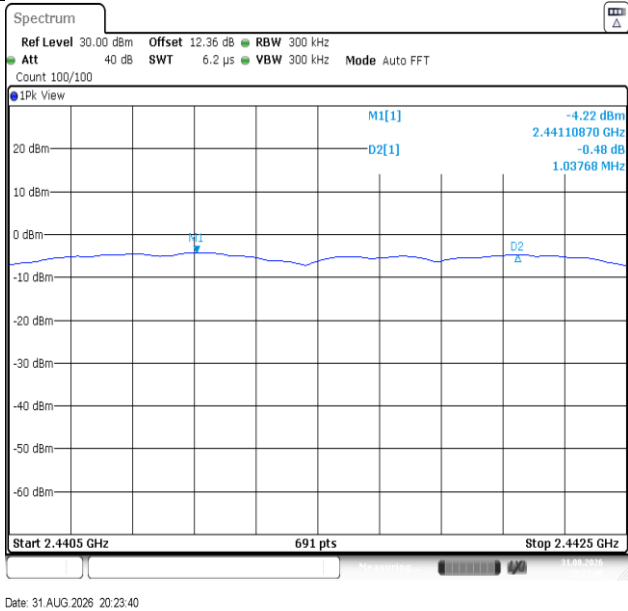
Test Result

TestMode	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Hop	0.994	≥0.687	PASS
2DH5	Hop	1.038	≥0.893	PASS

Test Graphs



DH5-Hop-PASS



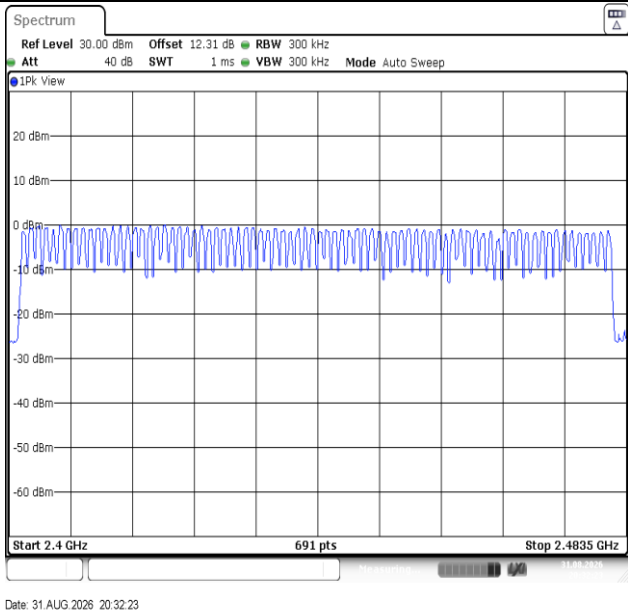
2DH5-Hop-PASS

Appendix E: Hopping Channel Number

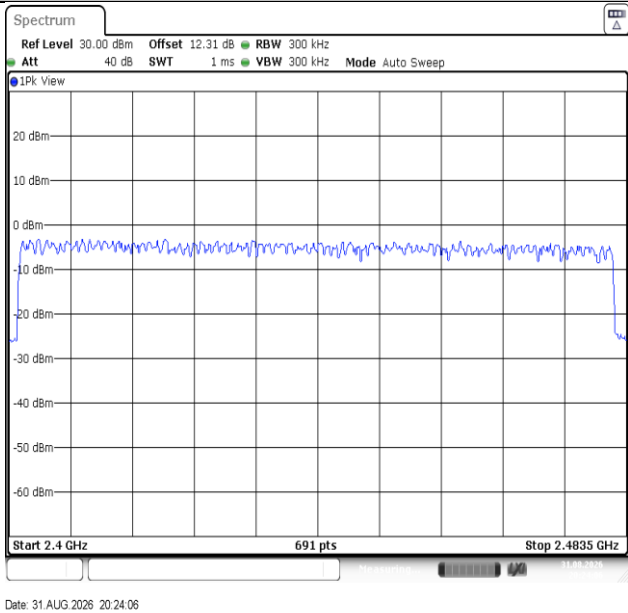
Test Result

TestMode	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Hop	79	≥15	PASS
2DH5	Hop	79	≥15	PASS

Test Graphs



DH5-Hop-PASS



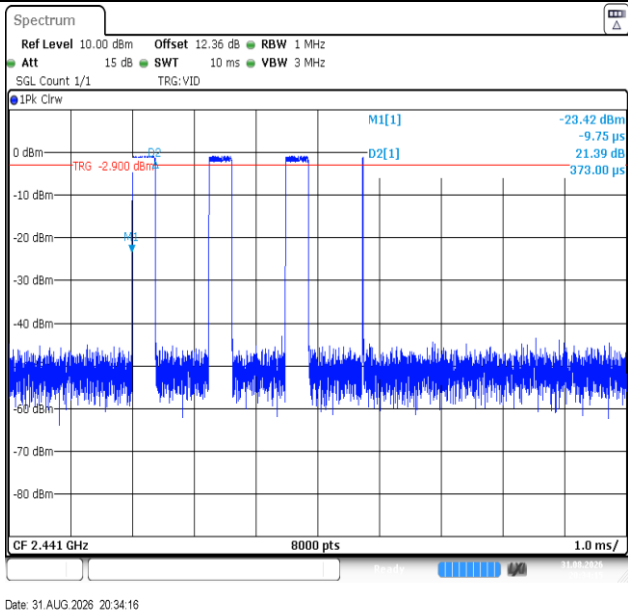
2DH5-Hop-PASS

Appendix F: Dwell Time

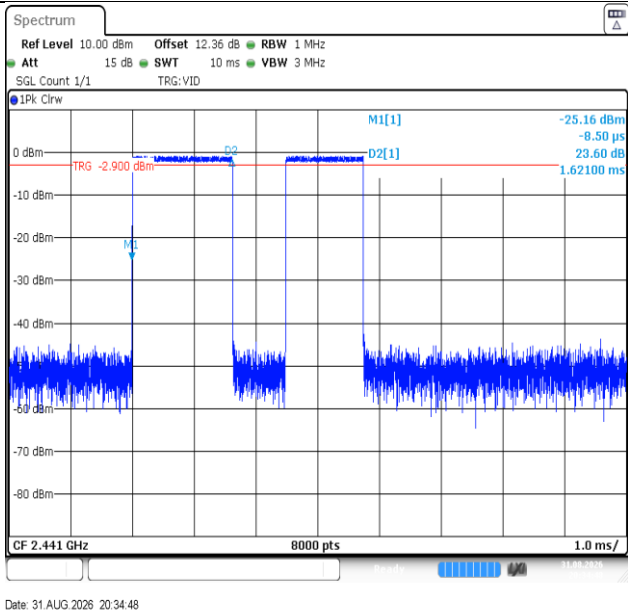
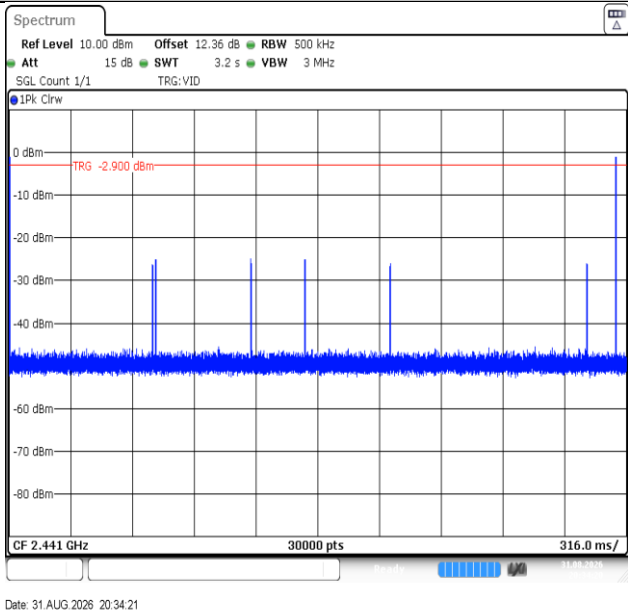
Test Result

TestMode	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Hop	0.373	80	0.03	≤0.4	PASS
DH3	Hop	1.621	60	0.097	≤0.4	PASS
DH5	Hop	2.862	100	0.286	≤0.4	PASS
2DH1	Hop	0.383	240	0.092	≤0.4	PASS
2DH3	Hop	1.485	80	0.119	≤0.4	PASS
2DH5	Hop	2.157	20	0.043	≤0.4	PASS

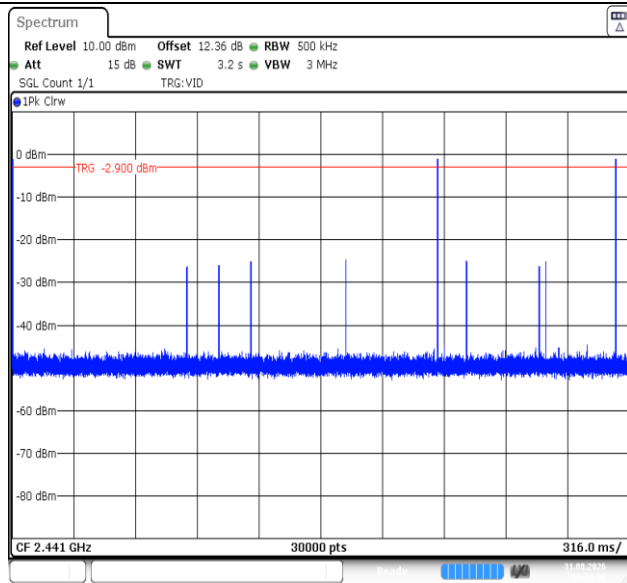
Test Graphs



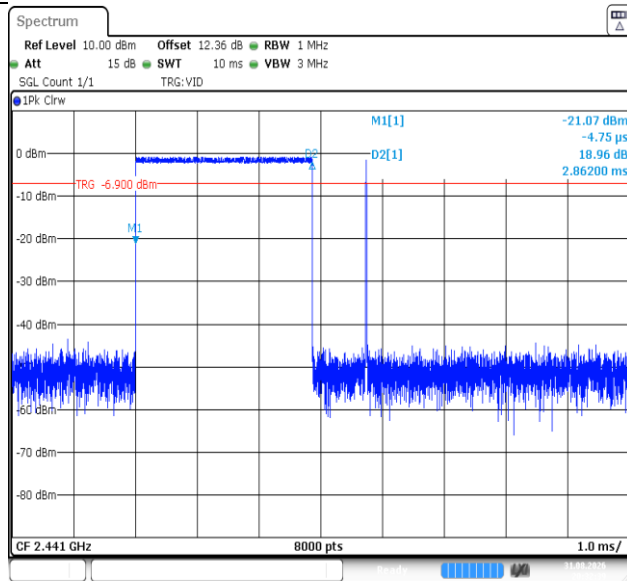
DH1-Hop-PASS



DH3-Hop-PASS

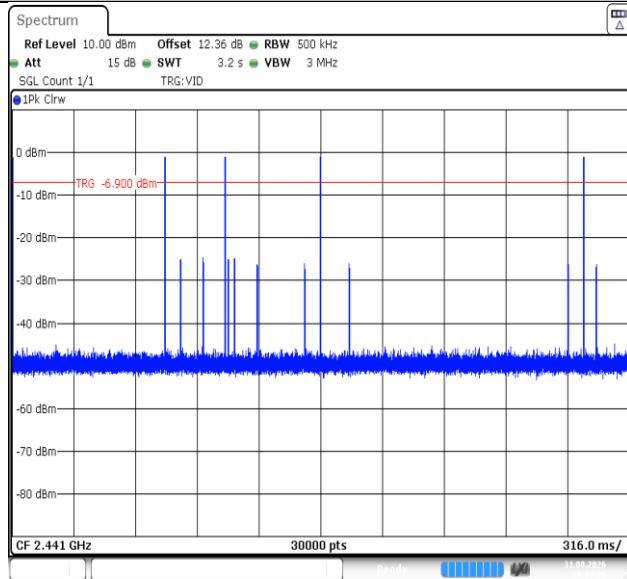


Date: 31 AUG 2026 20:34:56

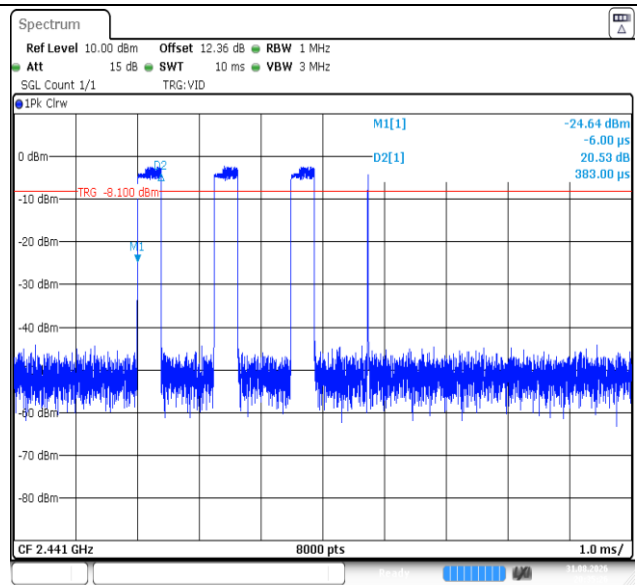


Date: 31 AUG 2026 20:32:40

DH5-Hop-PASS

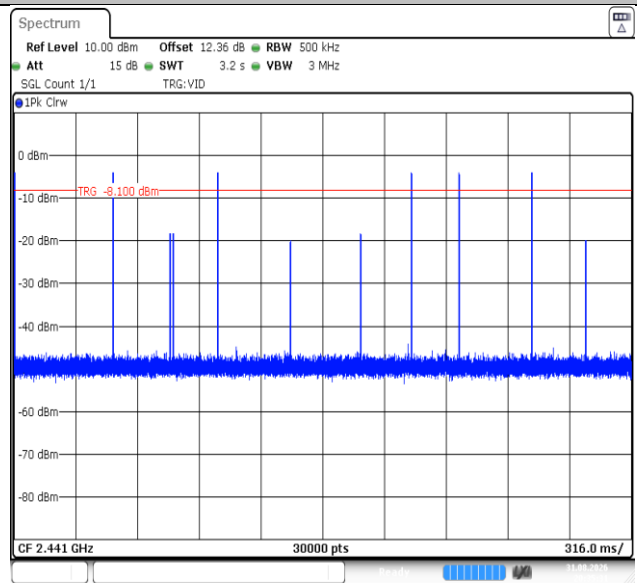


Date: 31 AUG 2026 20:32:46

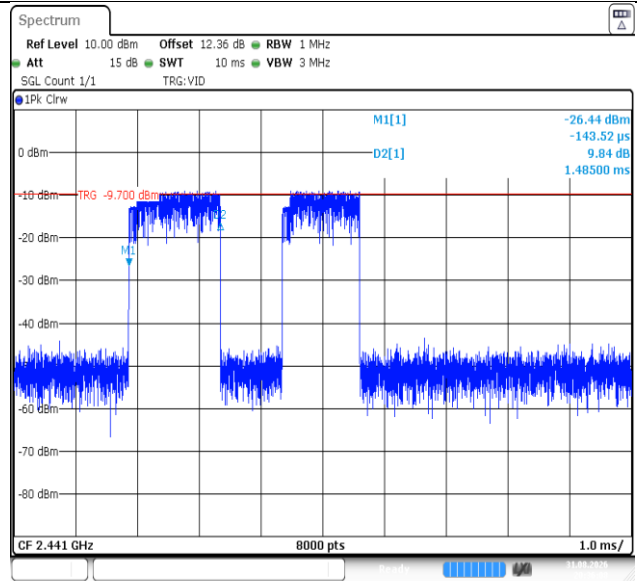


Date: 31 AUG 2026 20:35:26

2DH1-Hop-PASS

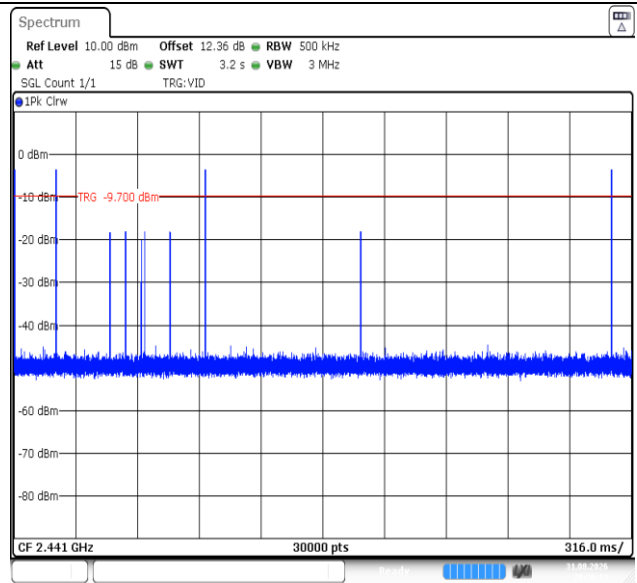


Date: 31 AUG 2026 20:35:32

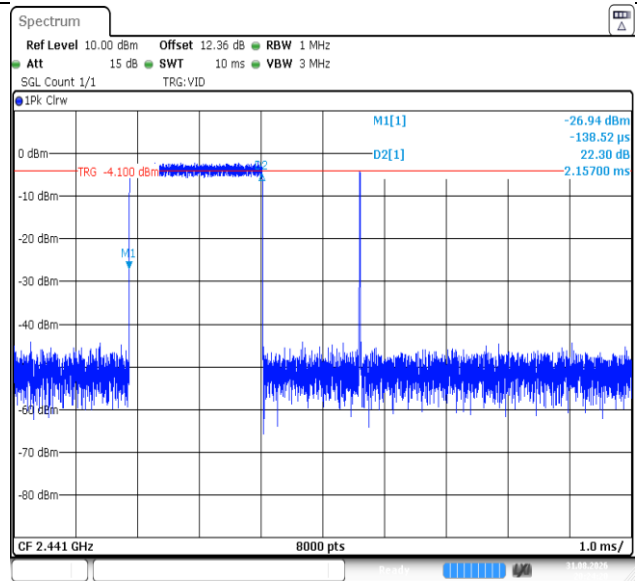


Date: 31 AUG 2026 20:36:08

2DH3-Hop-PASS

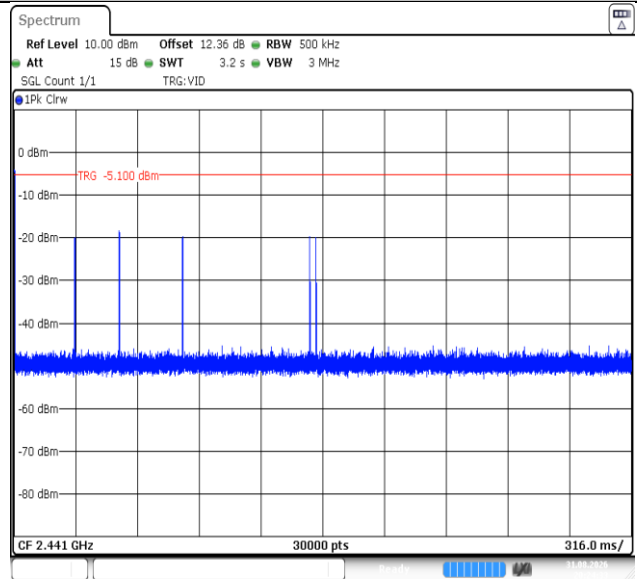


Date: 31 AUG 2026 20:36:13



Date: 31 AUG 2026 20:24:20

2DH5-Hop-PASS



Date: 31 AUG 2026 20:24:33

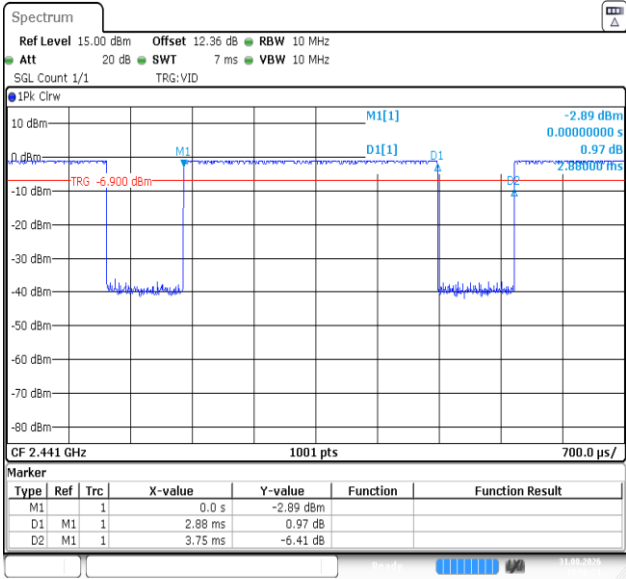
Appendix G: Duty Cycle Correction Factor (DCCF)

Test Result

TestMode	Frequency[MHz]	ON Time [ms]	Single Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	Period [ms]	Burst Quantity	DCCF [dB]
DH5	2441	2.88	3.75	76.80	1.15	100	1	-30.81
2DH5	2441	2.17	3.74	58.02	2.36	100	1	-33.27

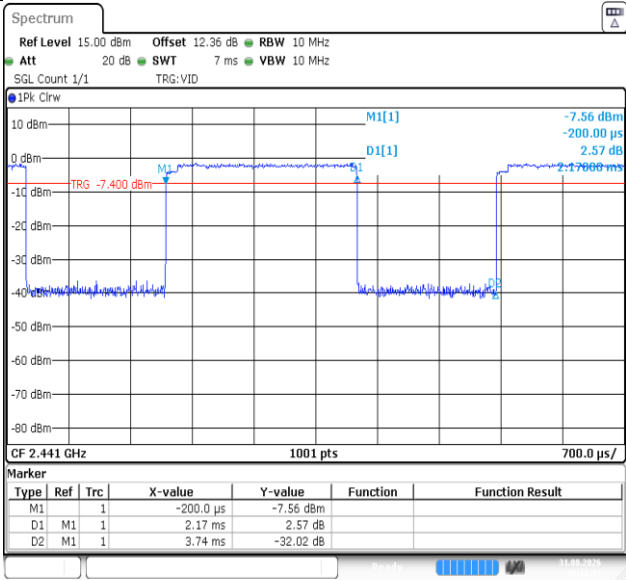
$DCCF=20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$

Test Graphs



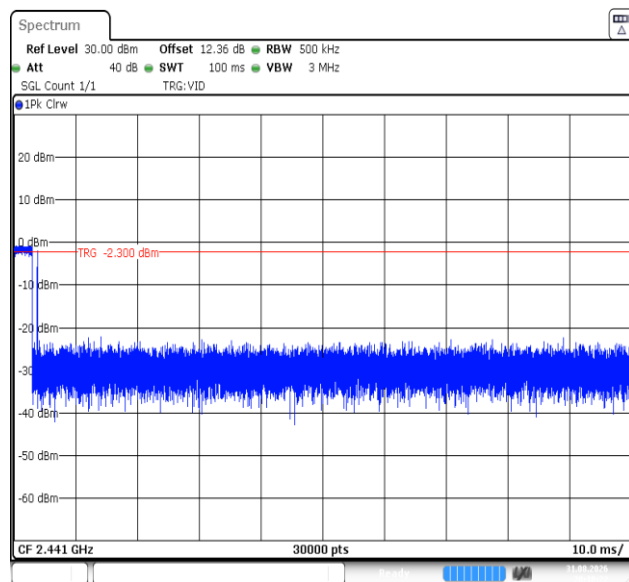
Date: 31 AUG 2026 19:56:21

NTNV-DH5-2441



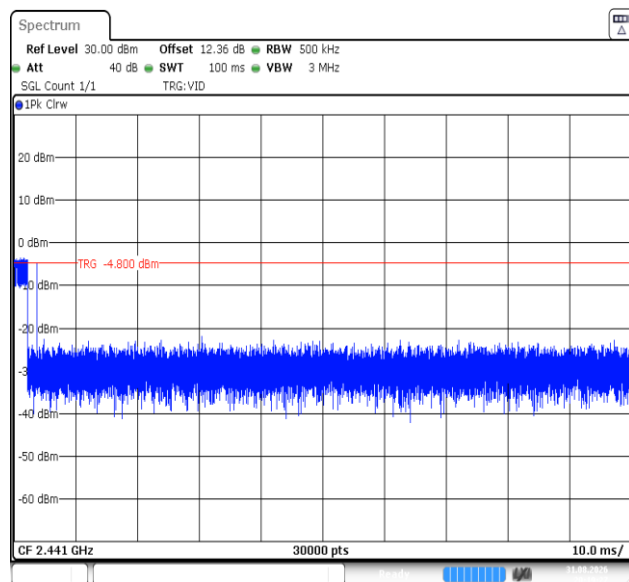
Date: 31 AUG 2026 20:11:17

NTNV-2DH5-2441



Date: 31.AUG.2026 20:18:23

NTNV-DH5-2441(Burst Quantity)

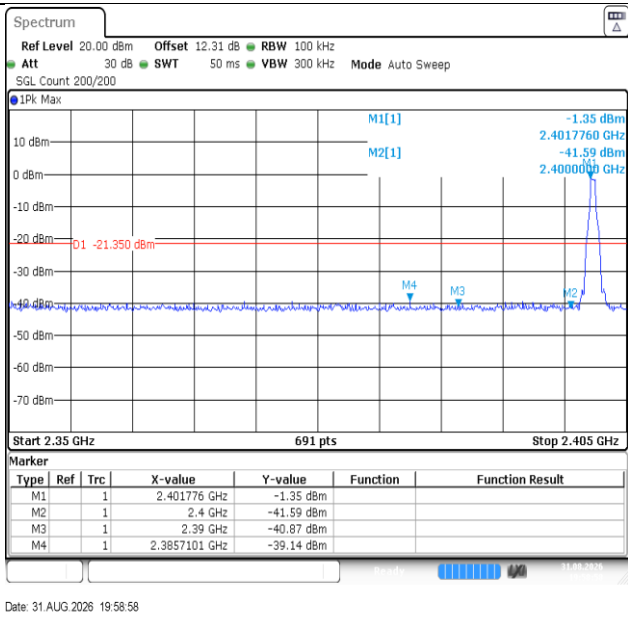


Date: 31.AUG.2026 20:19:27

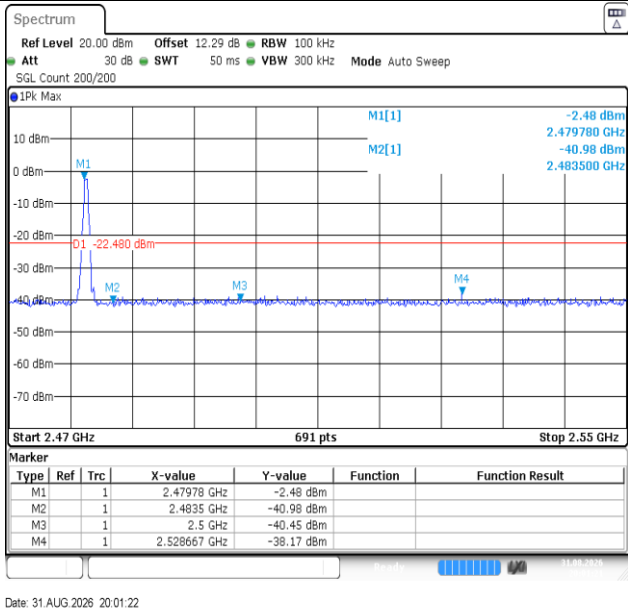
NTNV-2DH5-2441(Burst Quantity)

Appendix H: Band edge and Spurious Emission(Conducted)

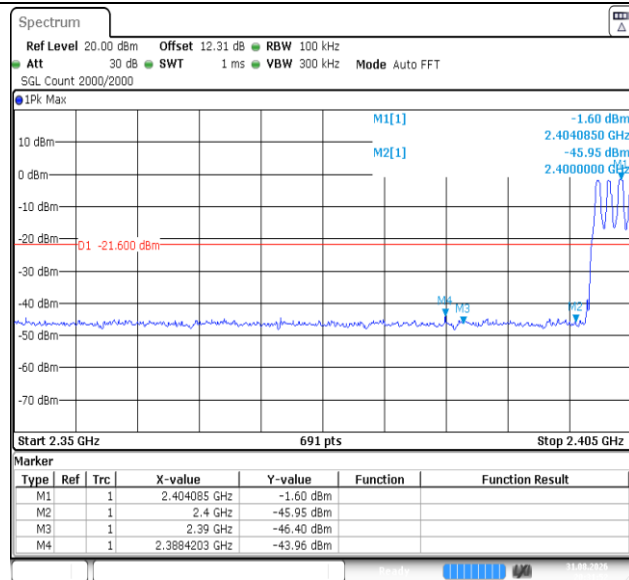
Test Graphs



DH5-2402-PASS

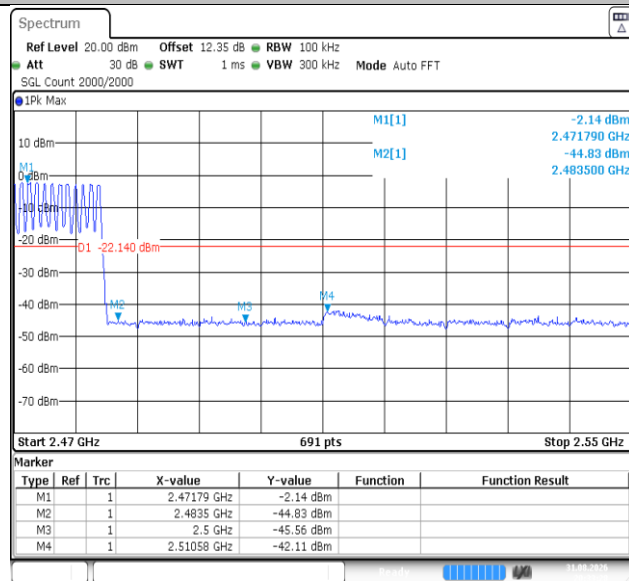


DH5-2480-PASS



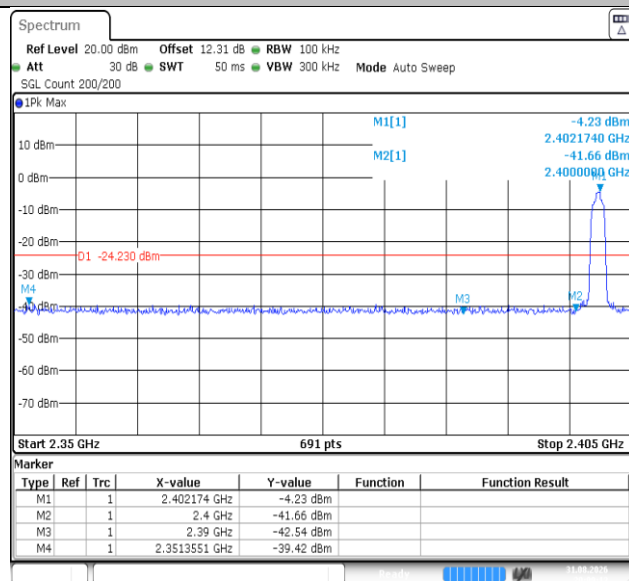
Date: 31 AUG 2026 20:31:53

DH5-Hop_2402-PASS



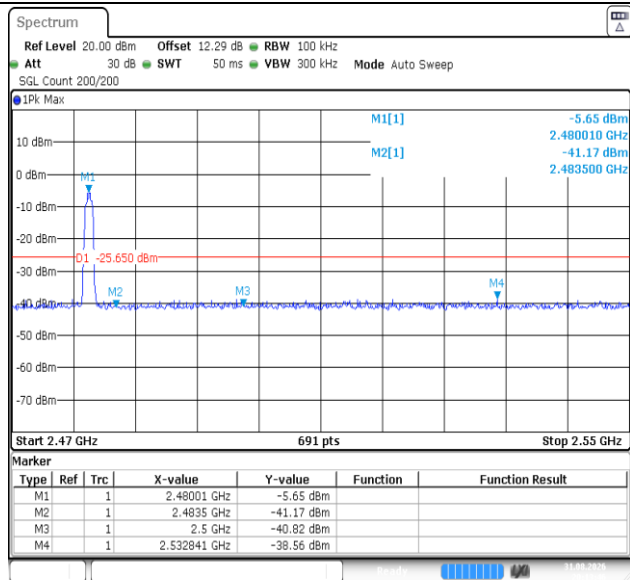
Date: 31 AUG 2026 20:33:28

DH5-Hop_2480-PASS



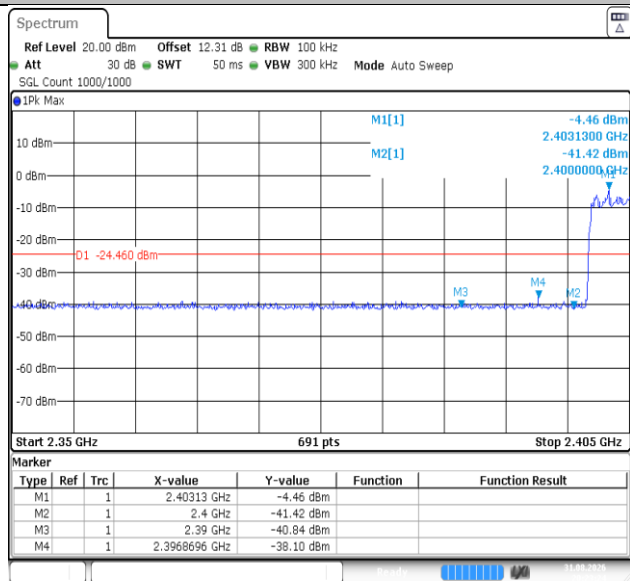
Date: 31 AUG 2026 20:09:13

2DH5-2402-PASS



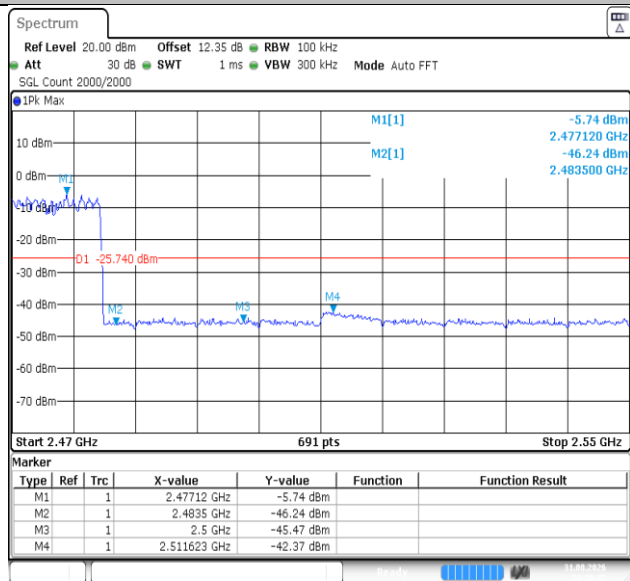
Date: 31 AUG 2026 20:13:47

2DH5-2480-PASS



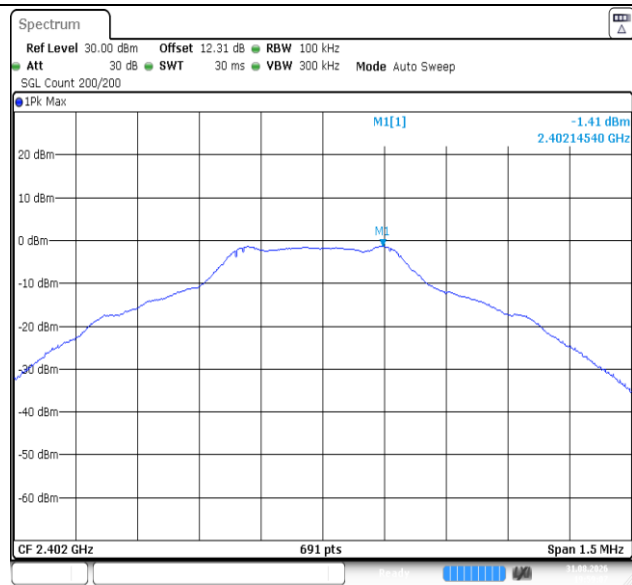
Date: 31 AUG 2026 20:23:25

2DH5-Hop_2402-PASS



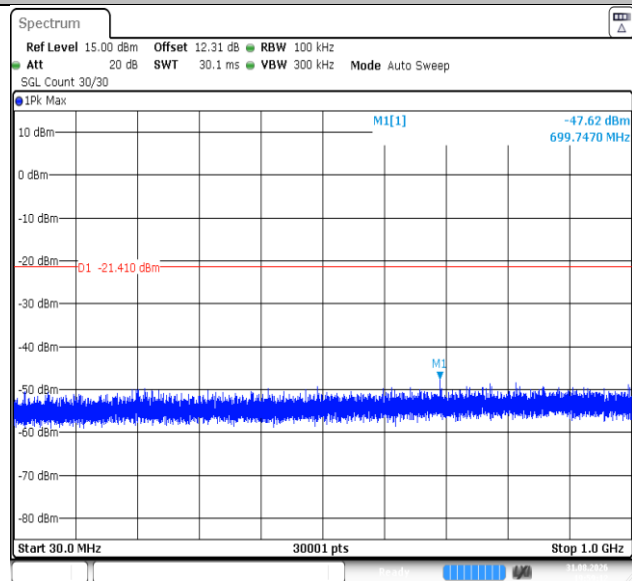
Date: 31 AUG 2026 20:30:48

2DH5-Hop_2480-PASS



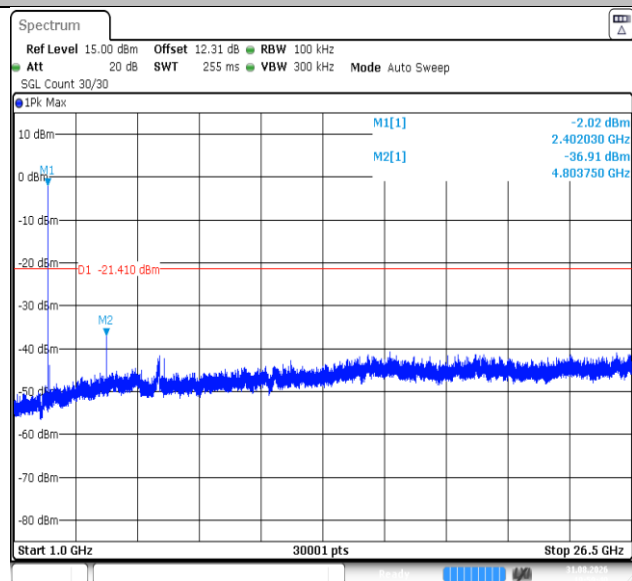
Date: 31 AUG 2026 19:59:07

DH5-2402-0~Reference-PASS



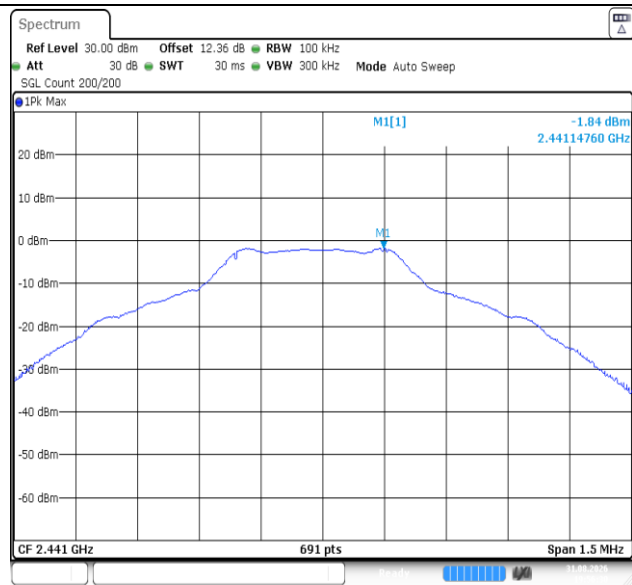
Date: 31 AUG 2026 19:59:13

DH5-2402-30~1000-PASS



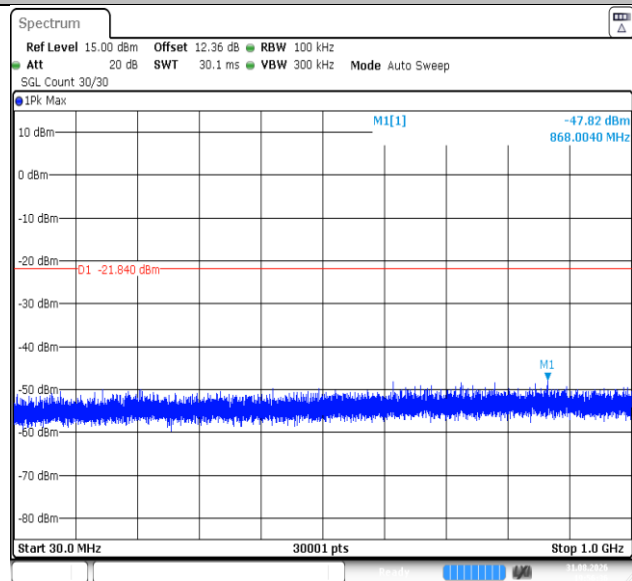
Date: 31 AUG 2026 19:59:40

DH5-2402-1000~26500-PASS



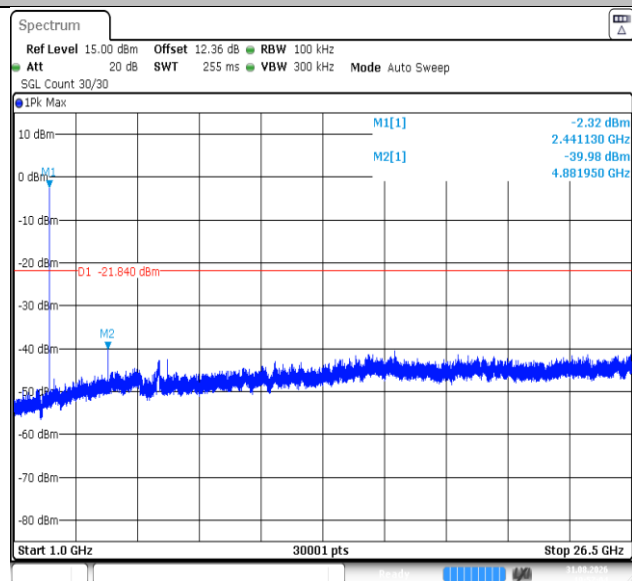
Date: 31 AUG 2026 19:56:31

DH5-2441-0~Reference-PASS



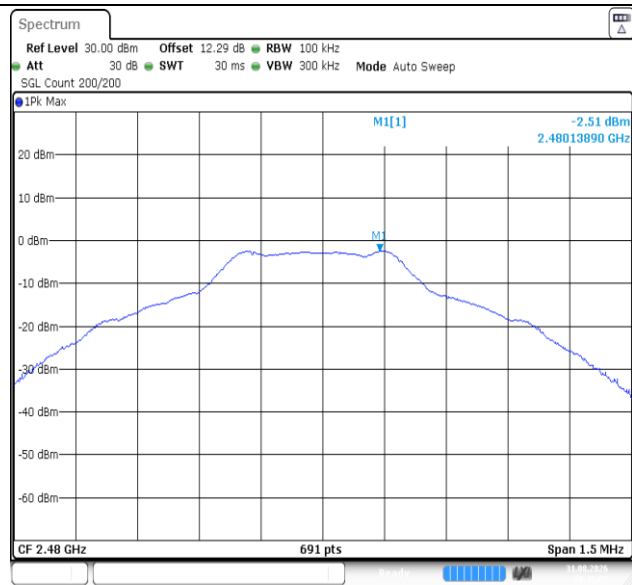
Date: 31 AUG 2026 19:56:36

DH5-2441-30~1000-PASS



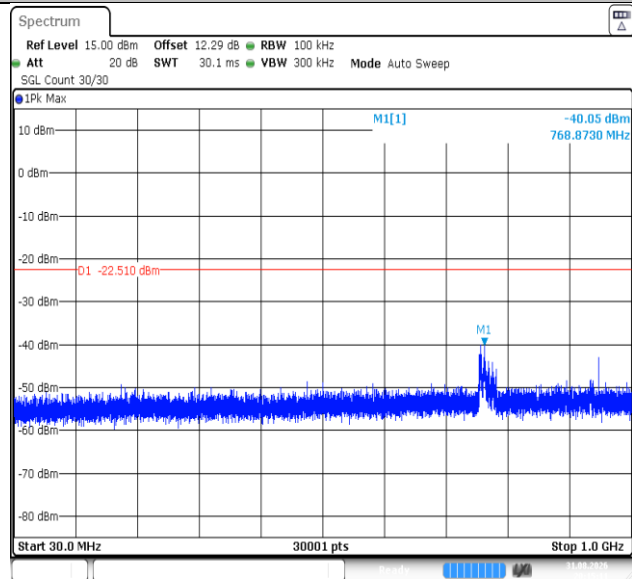
Date: 31 AUG 2026 19:57:04

DH5-2441-1000~26500-PASS



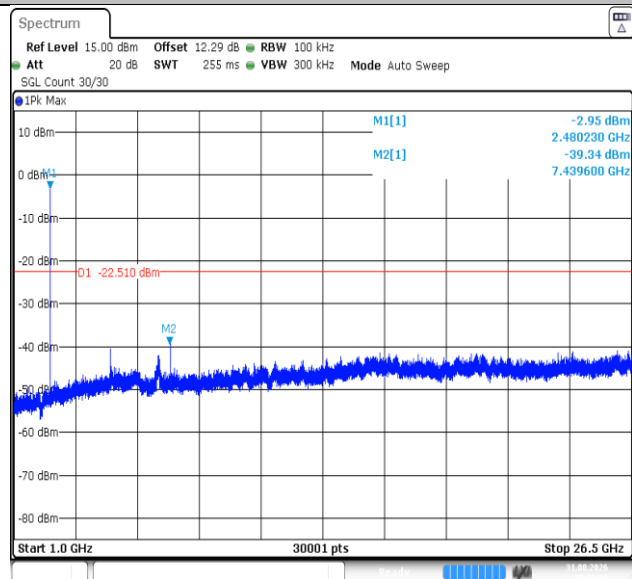
Date: 31 AUG 2026 20:15:06

DH5-2480-0~Reference-PASS



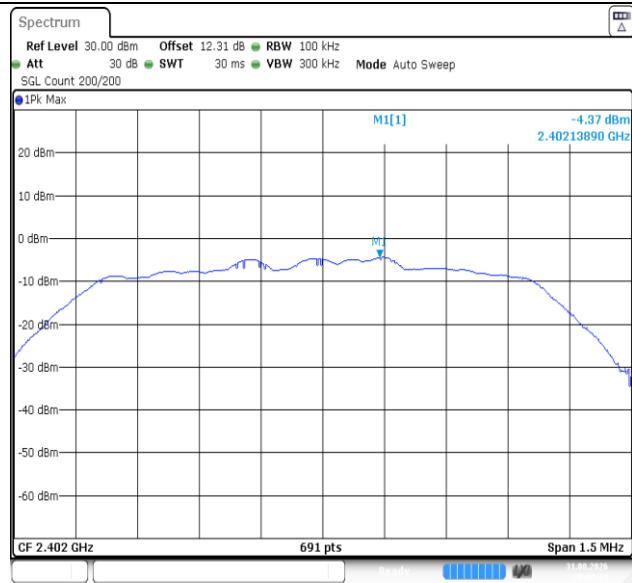
Date: 31 AUG 2026 20:15:11

DH5-2480-30~1000-PASS



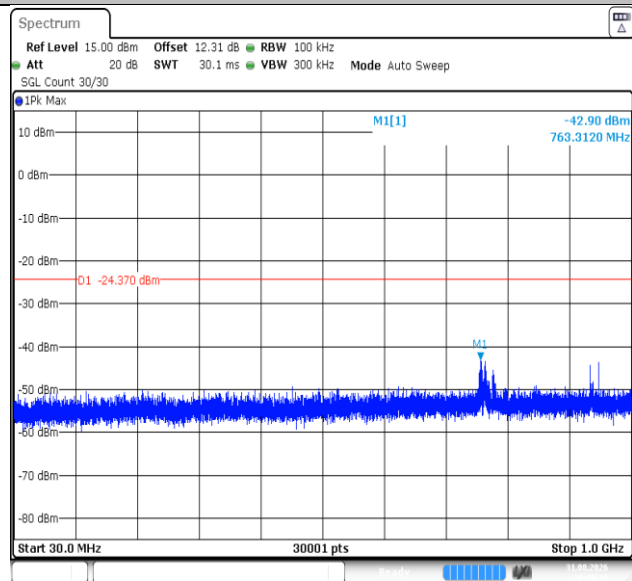
Date: 31 AUG 2026 20:15:39

DH5-2480-1000~26500-PASS



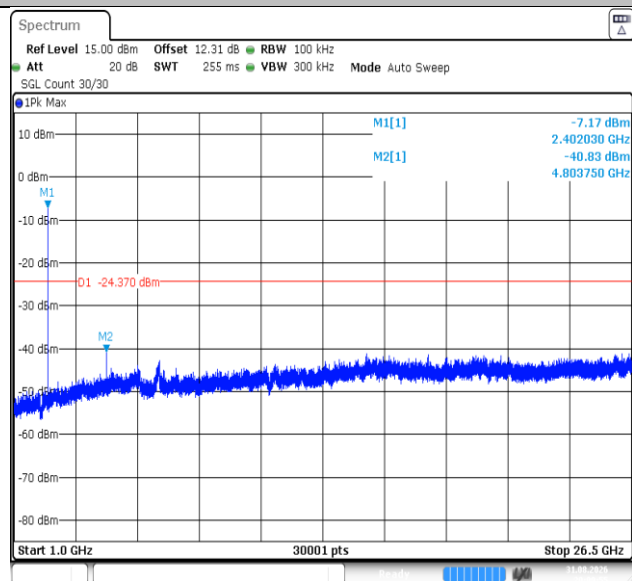
Date: 31 AUG 2026 20:09:23

2DH5-2402-0~Reference-PASS



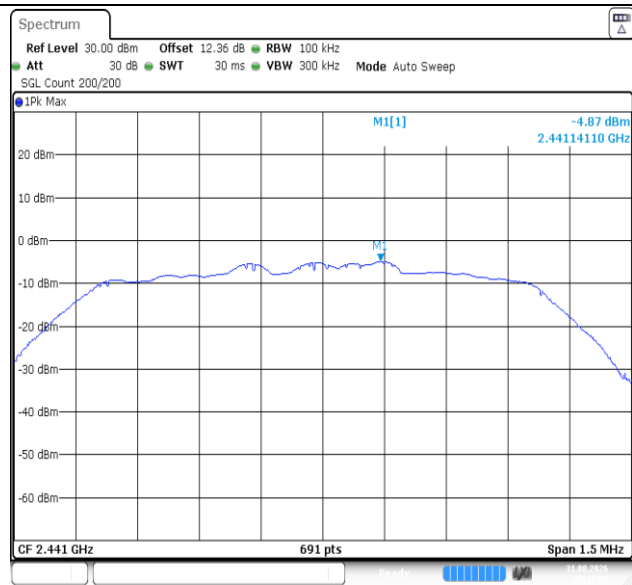
Date: 31 AUG 2026 20:09:28

2DH5-2402-30~1000-PASS



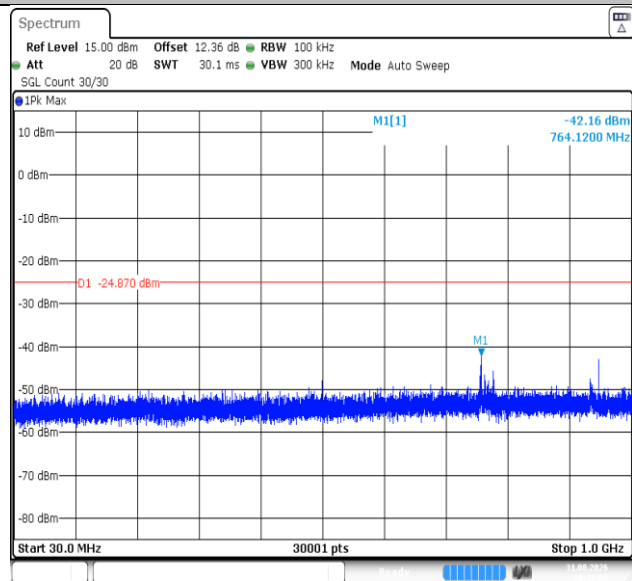
Date: 31 AUG 2026 20:09:56

2DH5-2402-1000~26500-PASS



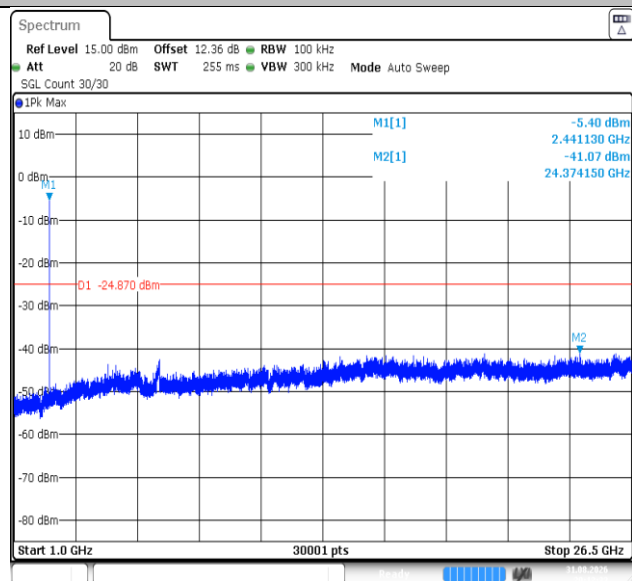
Date: 31 AUG 2026 20:12:00

2DH5-2441-0~Reference-PASS



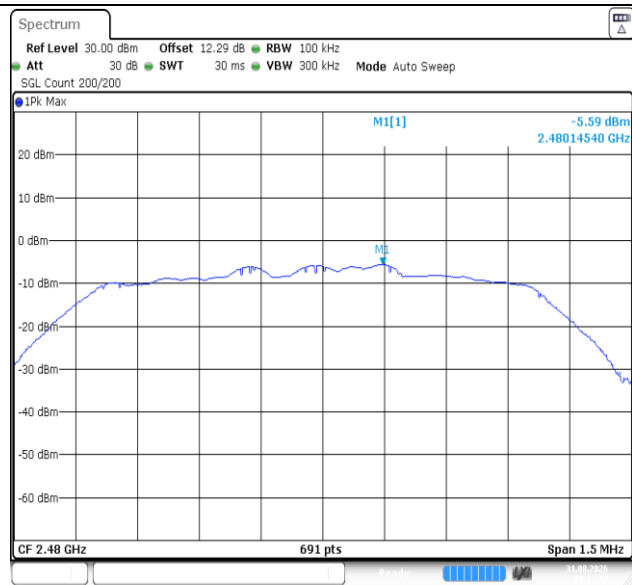
Date: 31 AUG 2026 20:12:06

2DH5-2441-30~1000-PASS



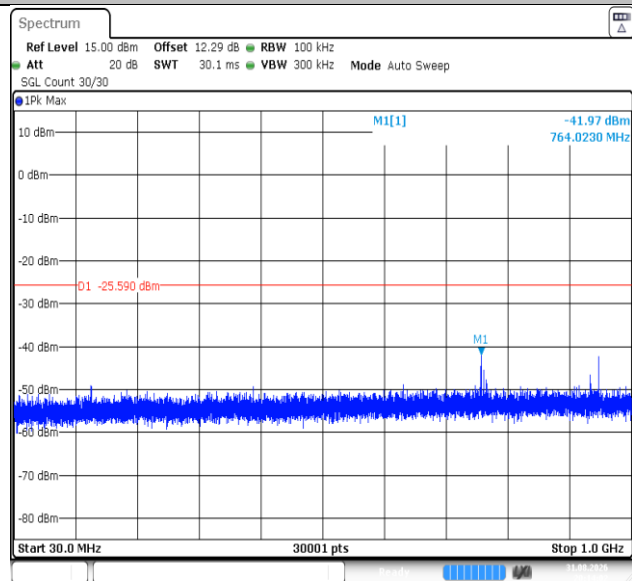
Date: 31 AUG 2026 20:12:34

2DH5-2441-1000~26500-PASS



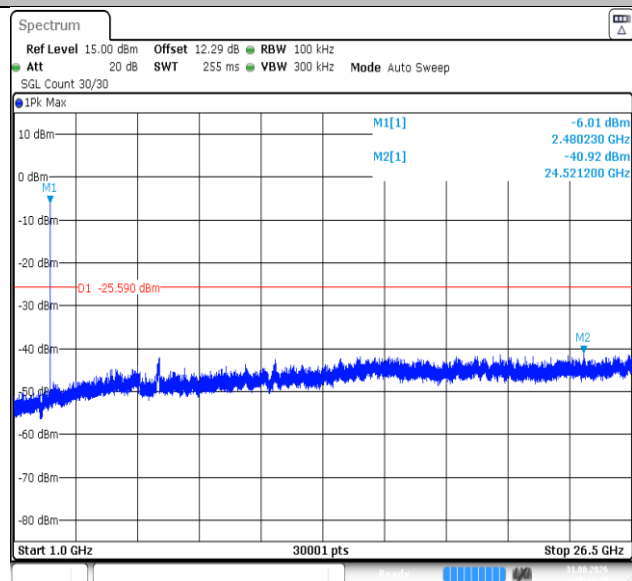
Date: 31 AUG 2026 20:13:57

2DH5-2480-0~Reference-PASS



Date: 31 AUG 2026 20:14:02

2DH5-2480-30~1000-PASS



Date: 31 AUG 2026 20:14:30

2DH5-2480-1000~26500-PASS

-----End of Report-----