

APPENDIX REPORT

Project No.	SHT2509061001W	Radio Specification	Bluetooth EDR
Test sample No.	YPHT25090610003	Model No.	BL98NAPW
Start test date	2025-10-21	Finish date	2025-10-21
Temperature	22.1℃	Humidity	53%
Test Engineer	Jiaxing Si	Auditor	Xiaodong Zhao

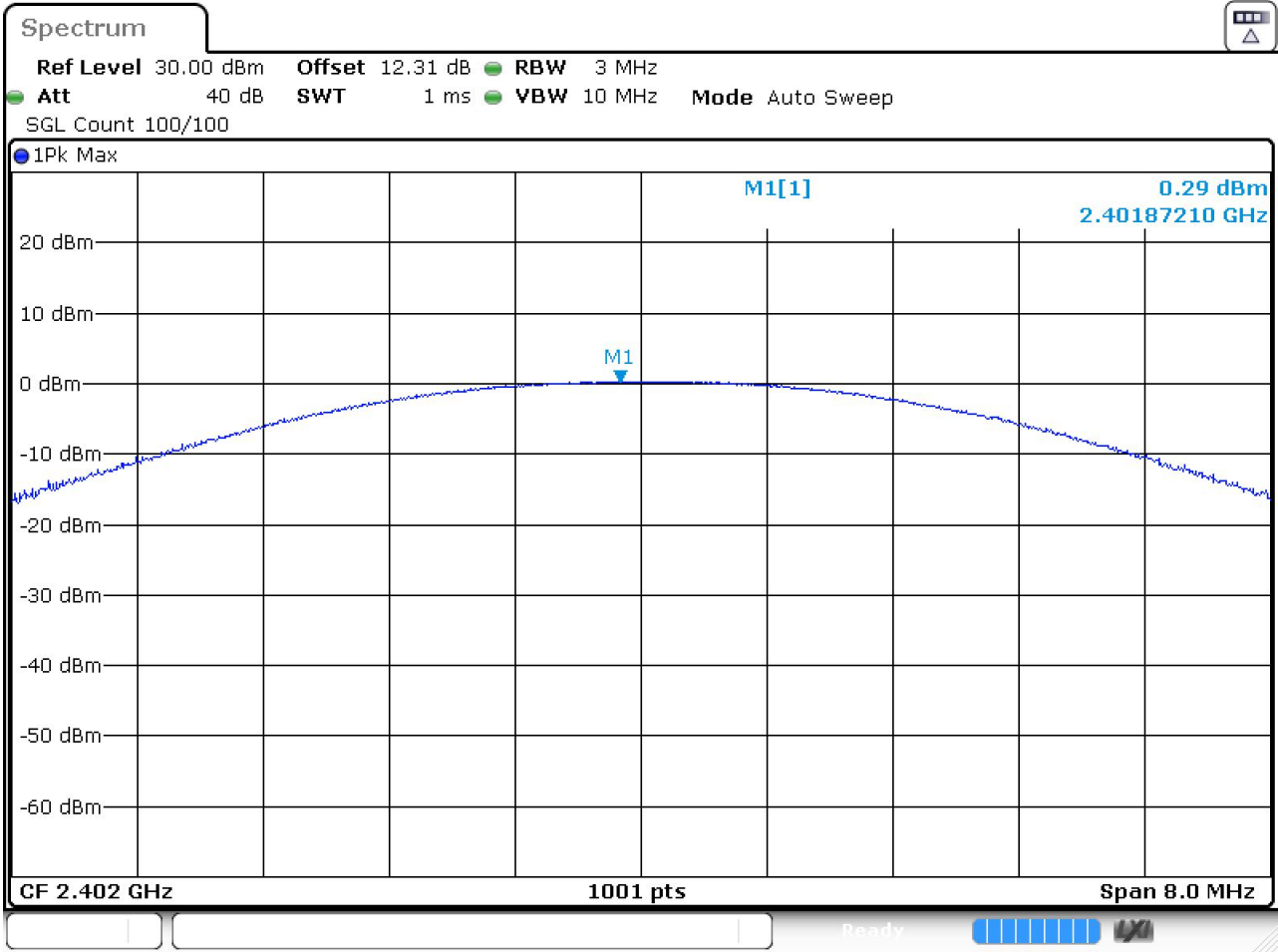
Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	20dB Bandwidth	PASS
C	99% Occupied Bandwidth	PASS
D	Carrier Frequency Separation	PASS
E	Hopping Channel Number	PASS
F	Dwell Time	PASS
G	Duty Cycle Correction Factor (DCCF)	PASS
H	Band edge and Spurious Emission(Conducted)	PASS

Appendix A: Peak Output Power

Test Result

Test Mode	Frequency[MHz]	Average Output Power[dBm]	Peak Output Power[dBm]	Limit[dBm]	Verdict
DH5	2402	0.22	0.29	≤30	PASS
DH5	2441	0.71	0.84	≤30	PASS
DH5	2480	0.85	0.92	≤30	PASS
2DH5	2402	0.23	0.27	≤20.97	PASS
2DH5	2441	0.55	0.62	≤20.97	PASS
2DH5	2480	0.72	0.79	≤20.97	PASS
3DH5	2402	0.01	0.09	≤20.97	PASS
3DH5	2441	0.83	0.94	≤20.97	PASS
3DH5	2480	0.66	0.87	≤20.97	PASS

Test Graphs



Date: 21.OCT.2025 10:54:53

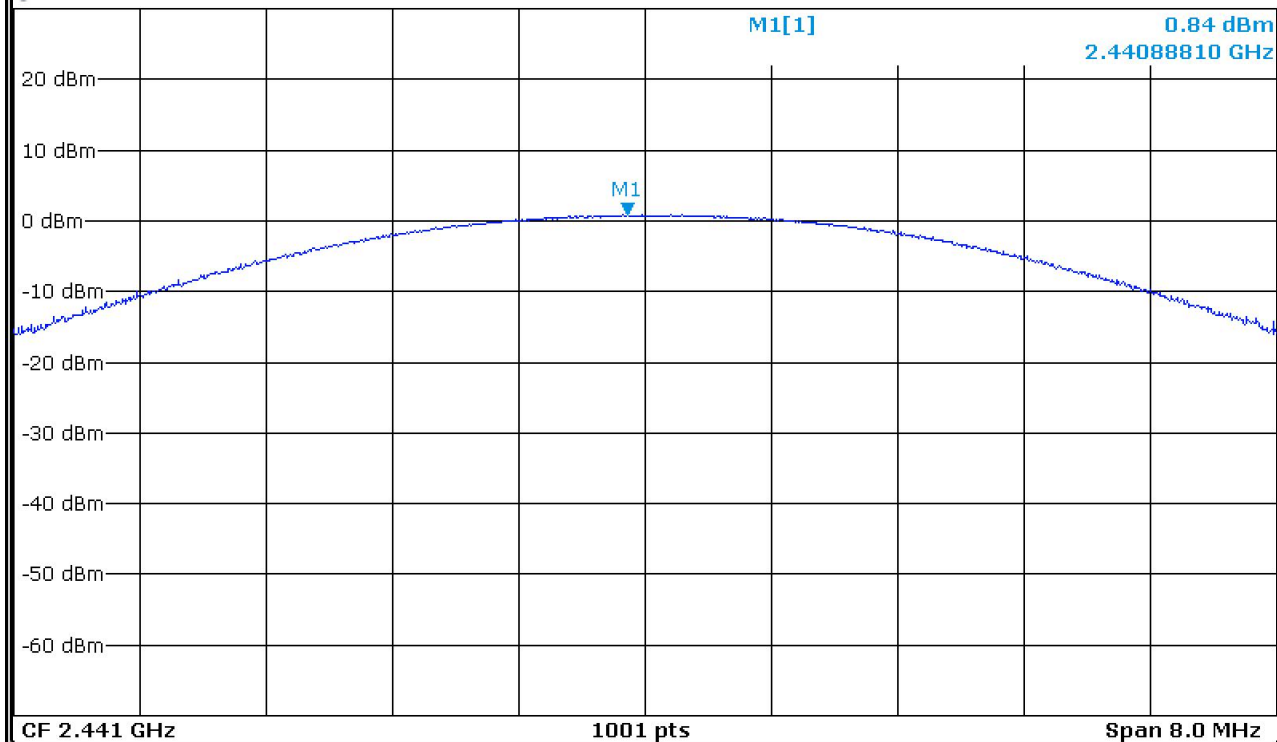
DH5-2402-PASS

Spectrum



Ref Level 30.00 dBm Offset 12.36 dB RBW 3 MHz
Att 40 dB SWT 1 ms VBW 10 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 2.441 GHz 1001 pts Span 8.0 MHz

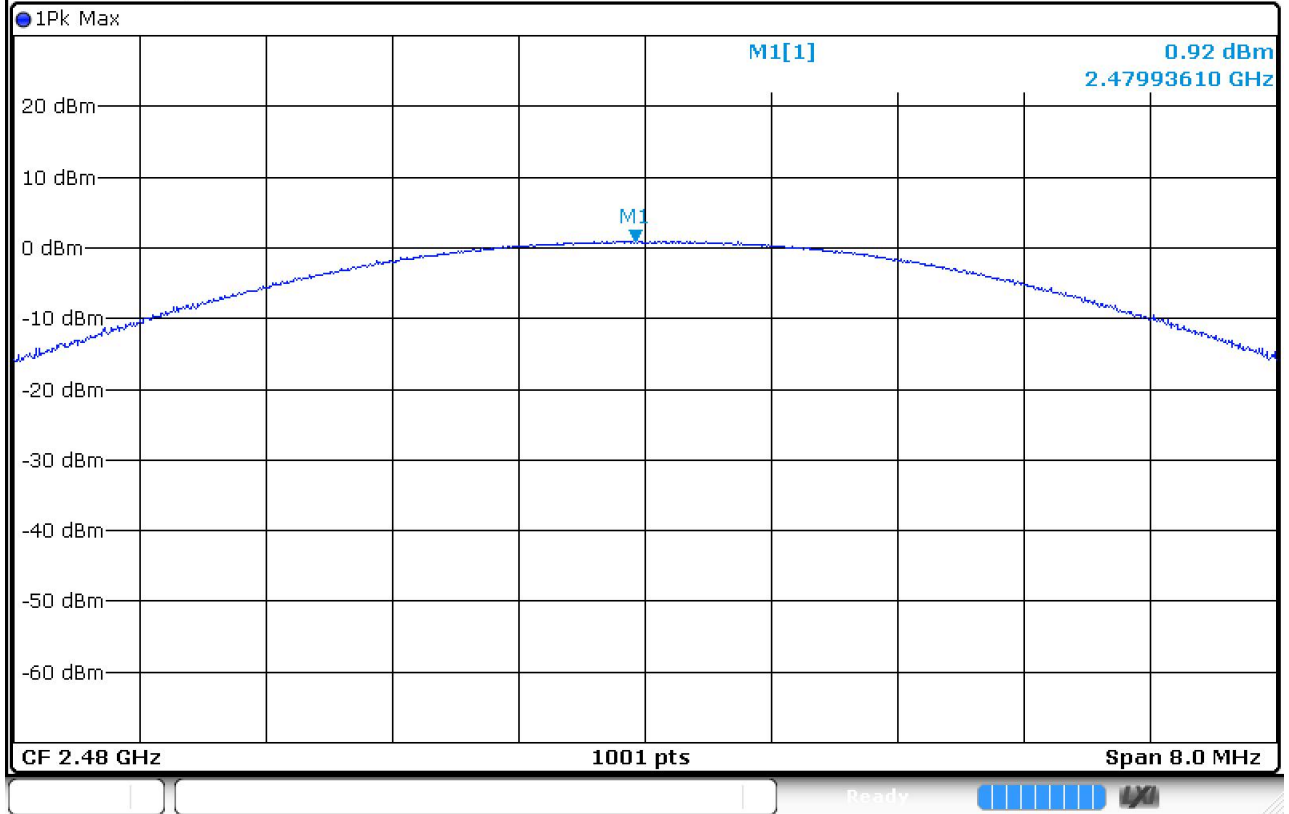
Date: 21.OCT.2025 10:21:42

DH5-2441-PASS

Spectrum



Ref Level 30.00 dBm Offset 12.29 dB RBW 3 MHz
Att 40 dB SWT 1 ms VBW 10 MHz Mode Auto Sweep
SGL Count 100/100



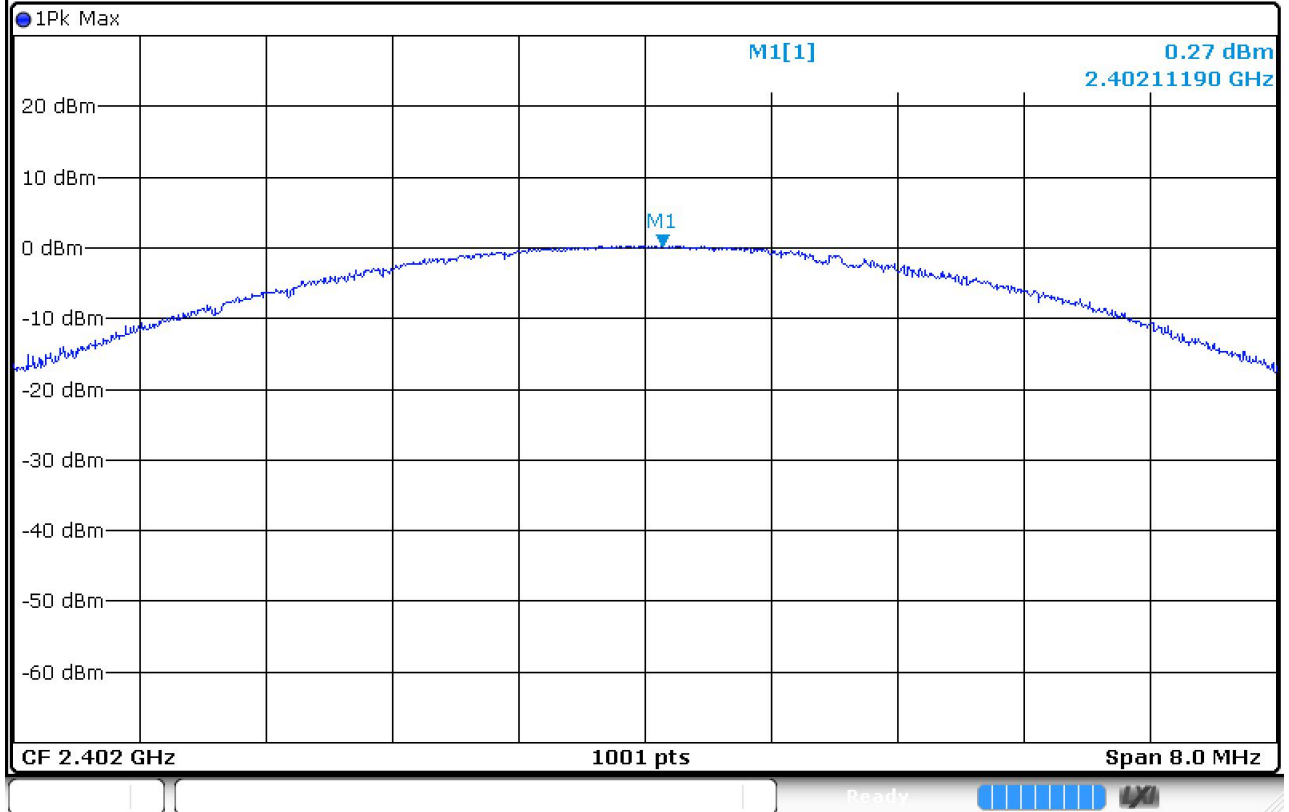
Date: 21.OCT.2025 10:22:51

DH5-2480-PASS

Spectrum



Ref Level 30.00 dBm Offset 12.31 dB RBW 3 MHz
Att 40 dB SWT 1 ms VBW 10 MHz Mode Auto Sweep
SGL Count 100/100



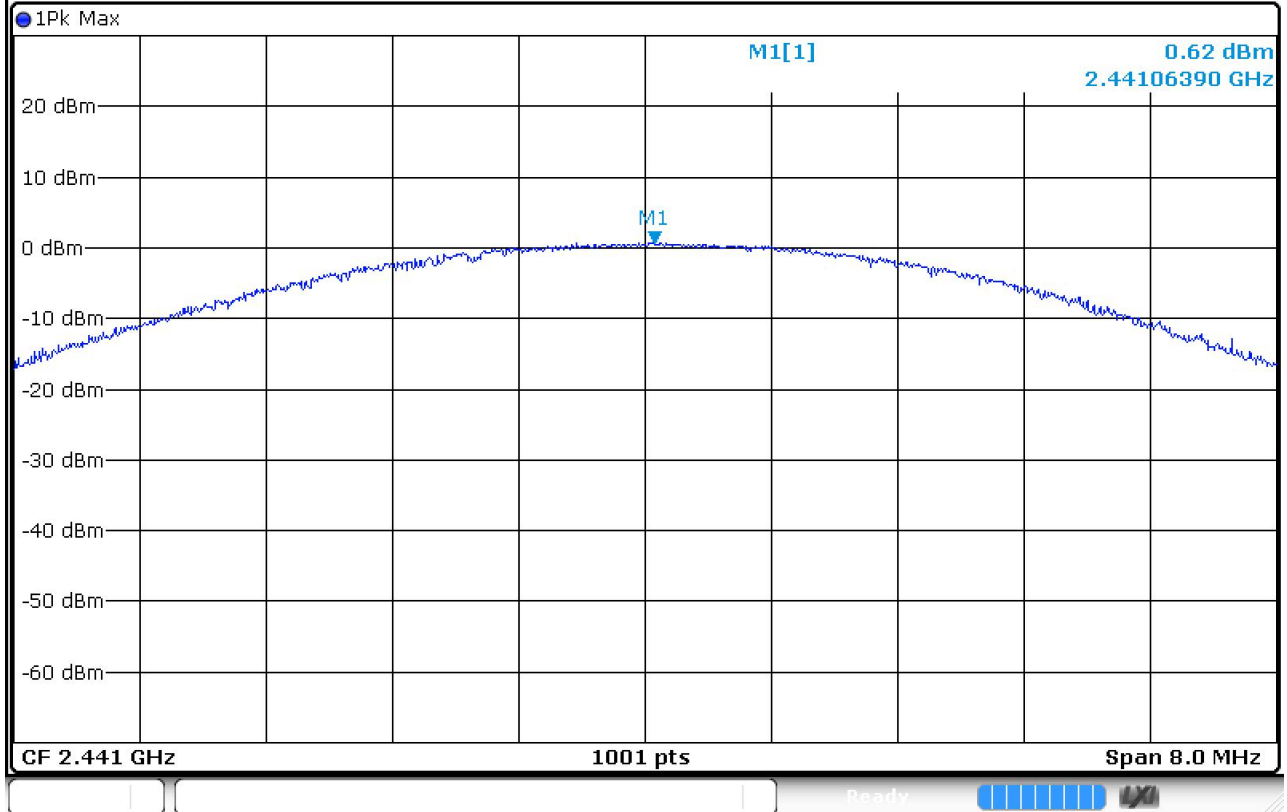
Date: 21.OCT.2025 10:21:04

2DH5-2402-PASS

Spectrum



Ref Level 30.00 dBm Offset 12.36 dB RBW 3 MHz
Att 40 dB SWT 1 ms VBW 10 MHz Mode Auto Sweep
SGL Count 100/100



Date: 21.OCT.2025 10:21:53

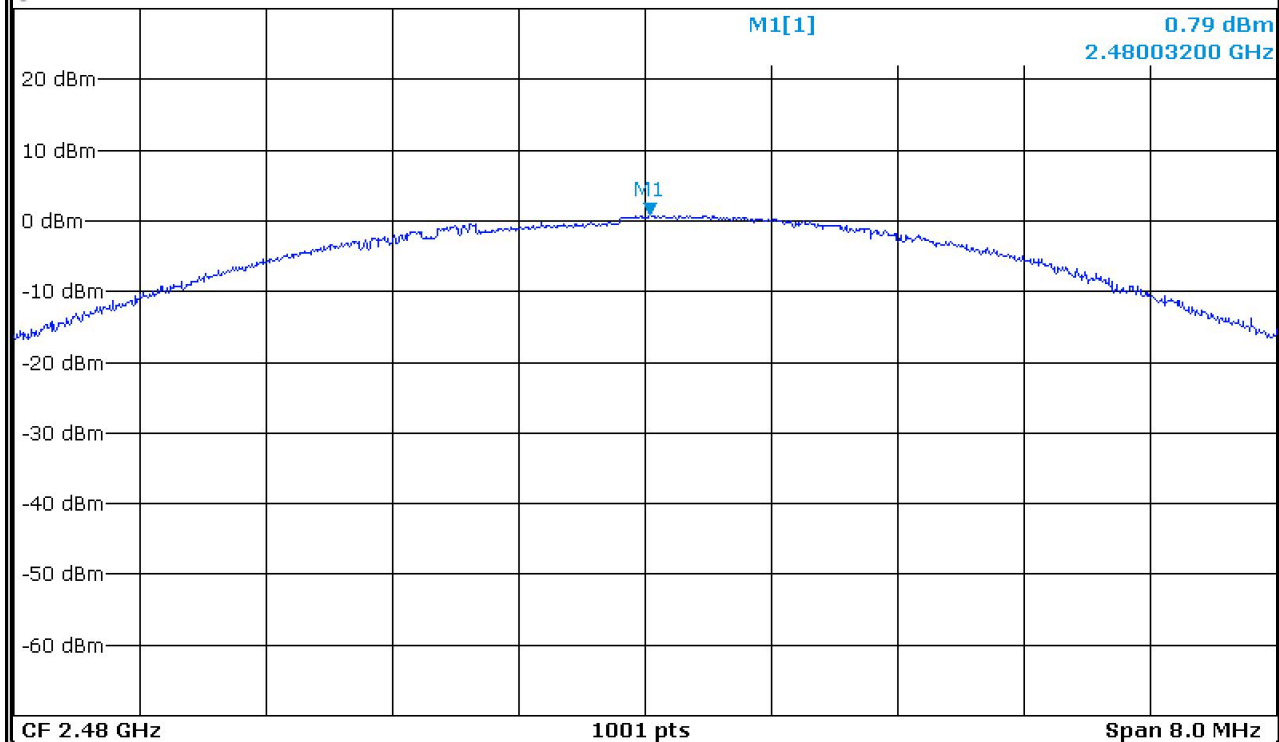
2DH5-2441-PASS

Spectrum



Ref Level 30.00 dBm Offset 12.29 dB RBW 3 MHz
Att 40 dB SWT 1 ms VBW 10 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 2.48 GHz

1001 pts

Span 8.0 MHz

Ready



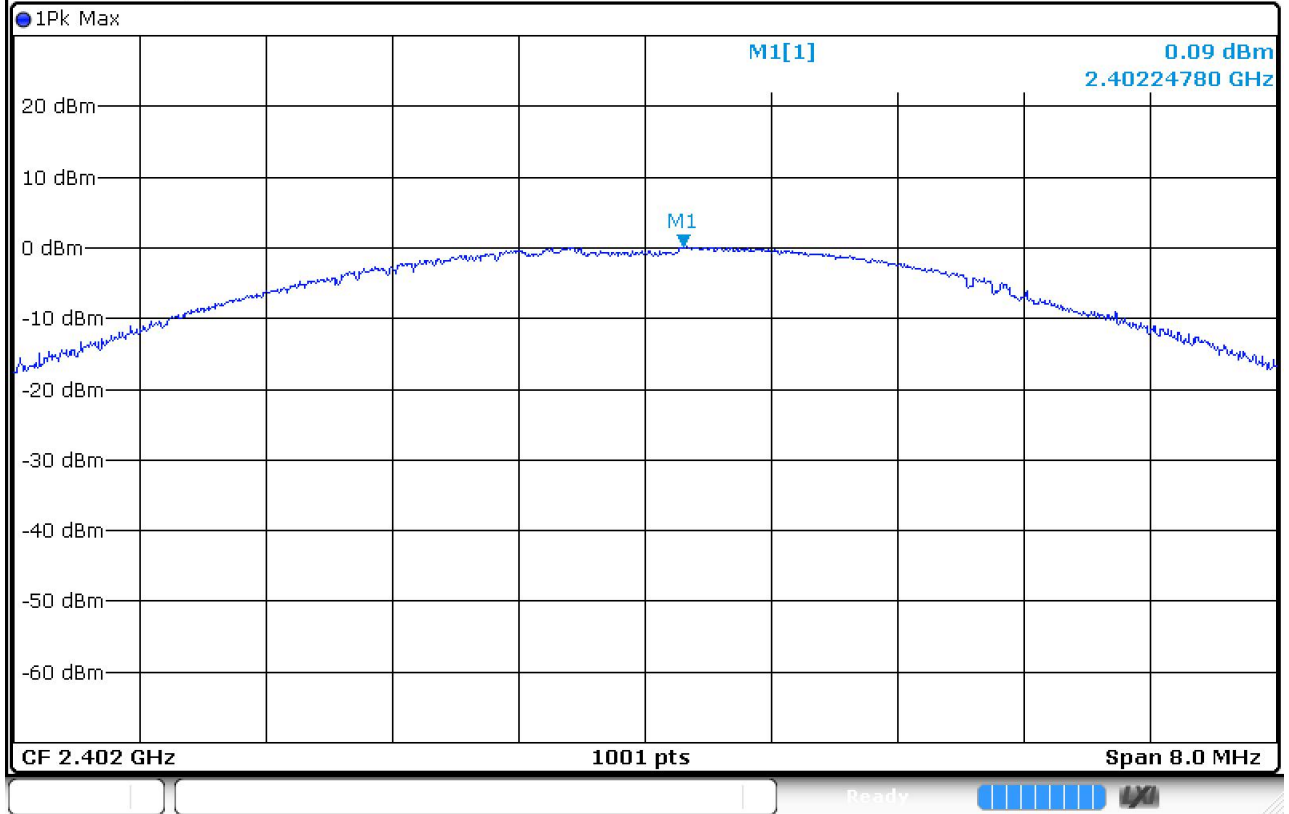
Date: 21.OCT.2025 10:23:45

2DH5-2480-PASS

Spectrum



Ref Level 30.00 dBm Offset 12.31 dB RBW 3 MHz
Att 40 dB SWT 1 ms VBW 10 MHz Mode Auto Sweep
SGL Count 100/100



Date: 21.OCT.2025 10:21:17

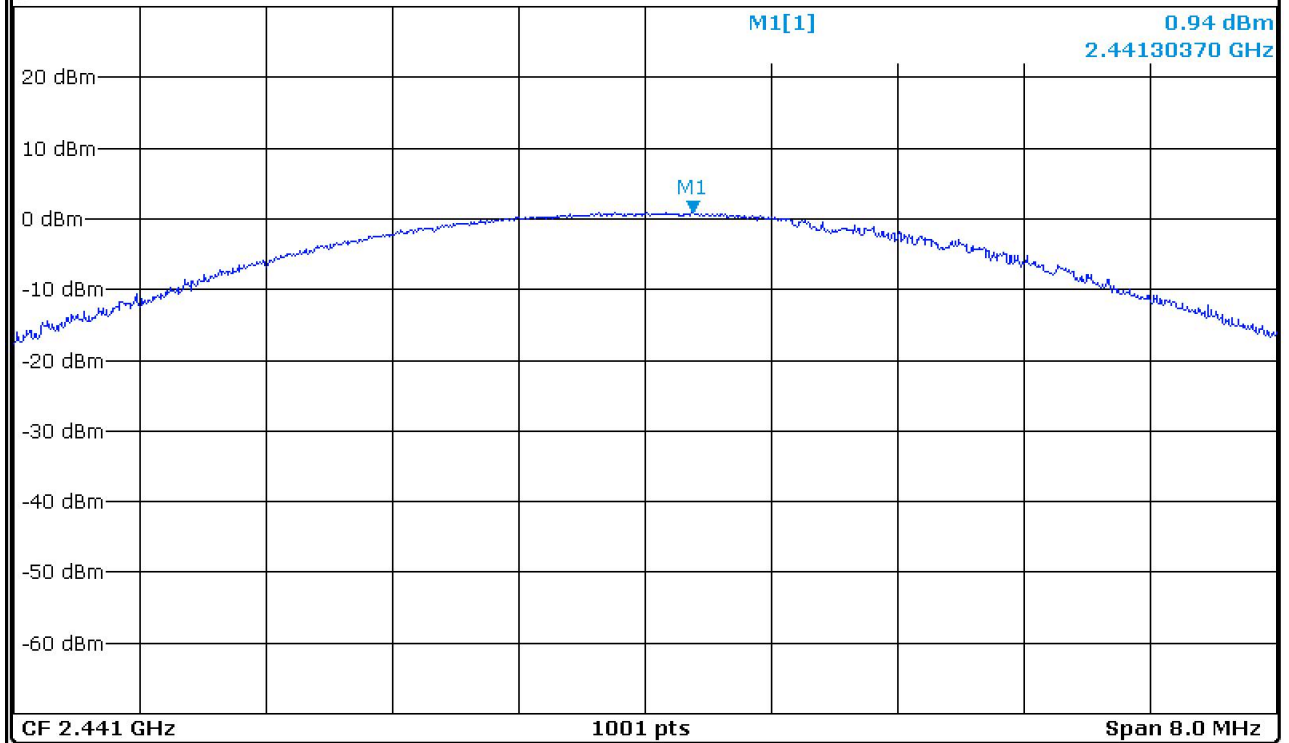
3DH5-2402-PASS

Spectrum



Ref Level 30.00 dBm Offset 12.36 dB RBW 3 MHz
Att 40 dB SWT 1 ms VBW 10 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 2.441 GHz

1001 pts

Span 8.0 MHz

Ready

Date: 21.OCT.2025 10:22:17

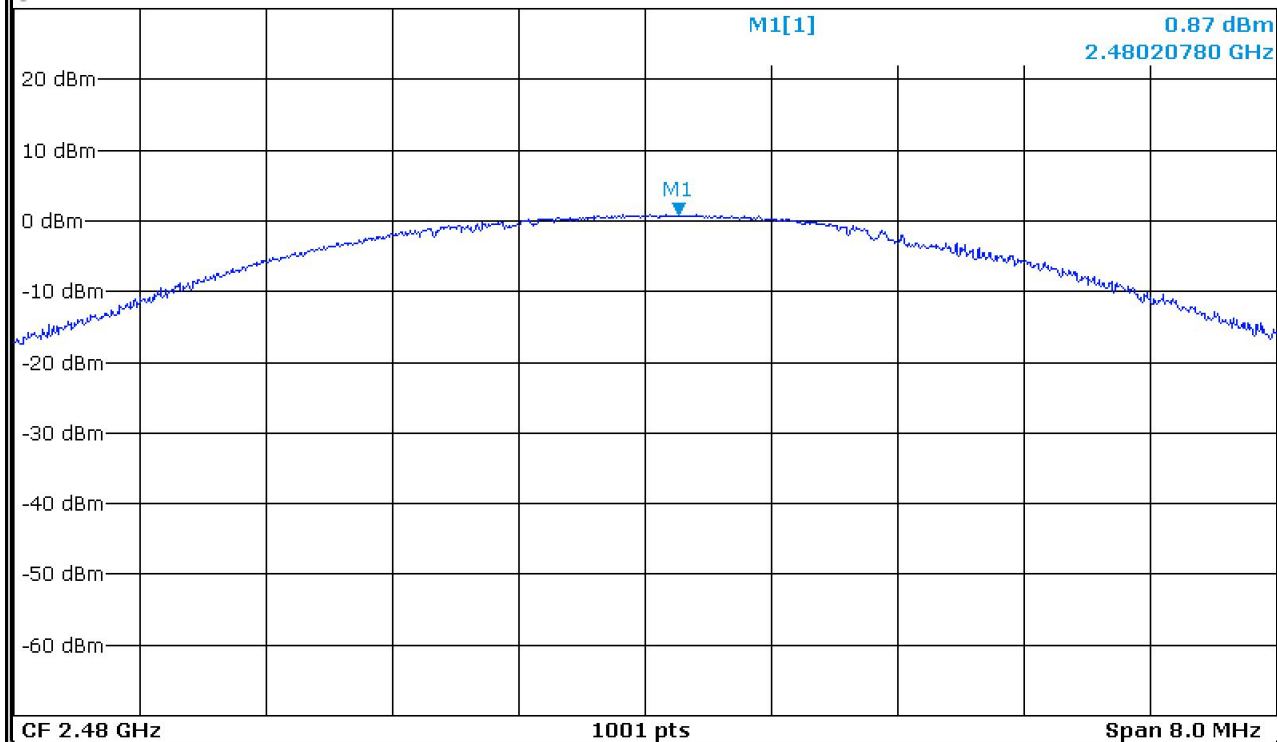
3DH5-2441-PASS

Spectrum



Ref Level 30.00 dBm Offset 12.29 dB RBW 3 MHz
Att 40 dB SWT 1 ms VBW 10 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 2.48 GHz

1001 pts

Span 8.0 MHz

Ready

Date: 21.OCT.2025 10:23:59

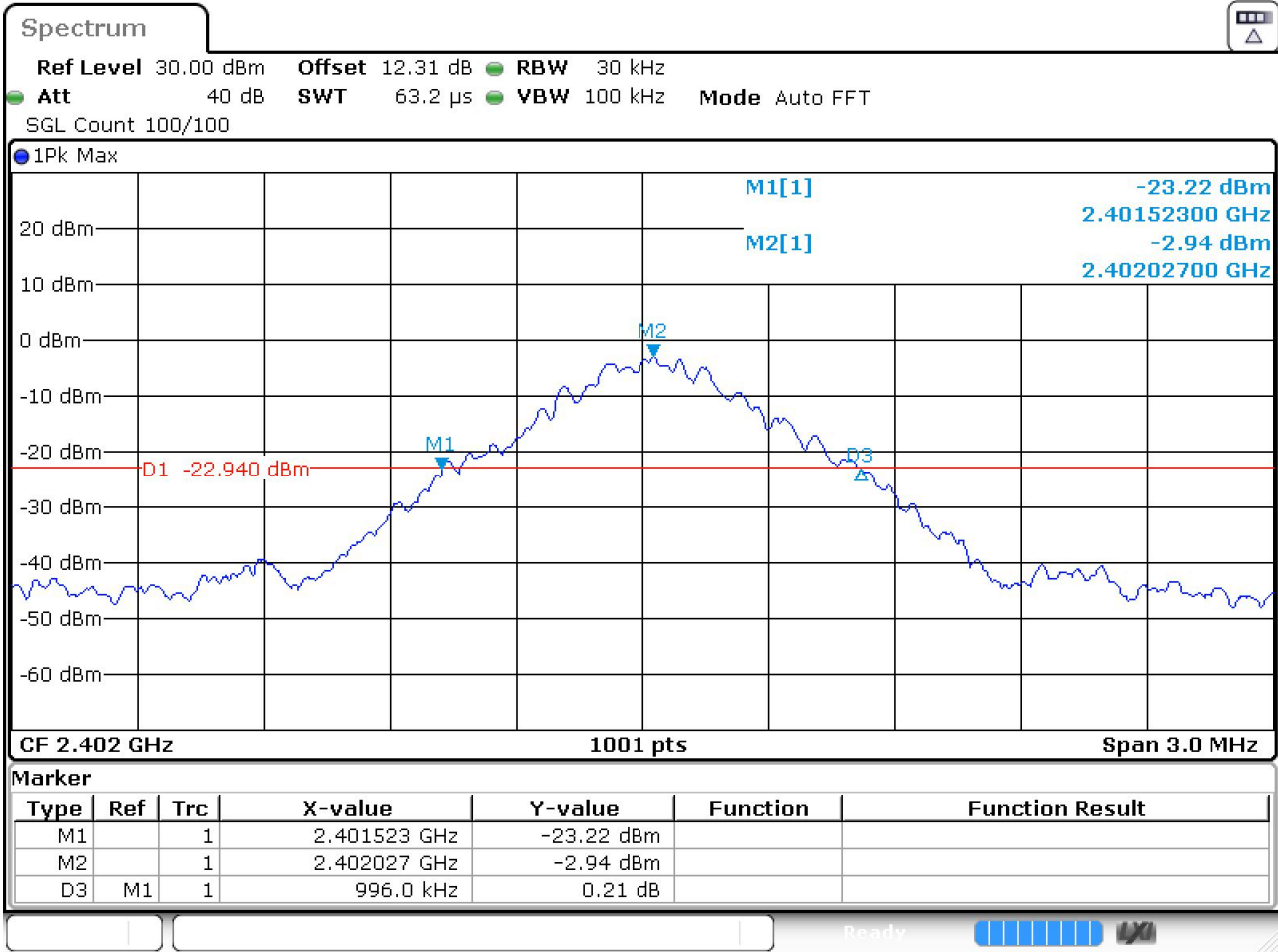
3DH5-2480-PASS

Appendix B: 20dB Bandwidth

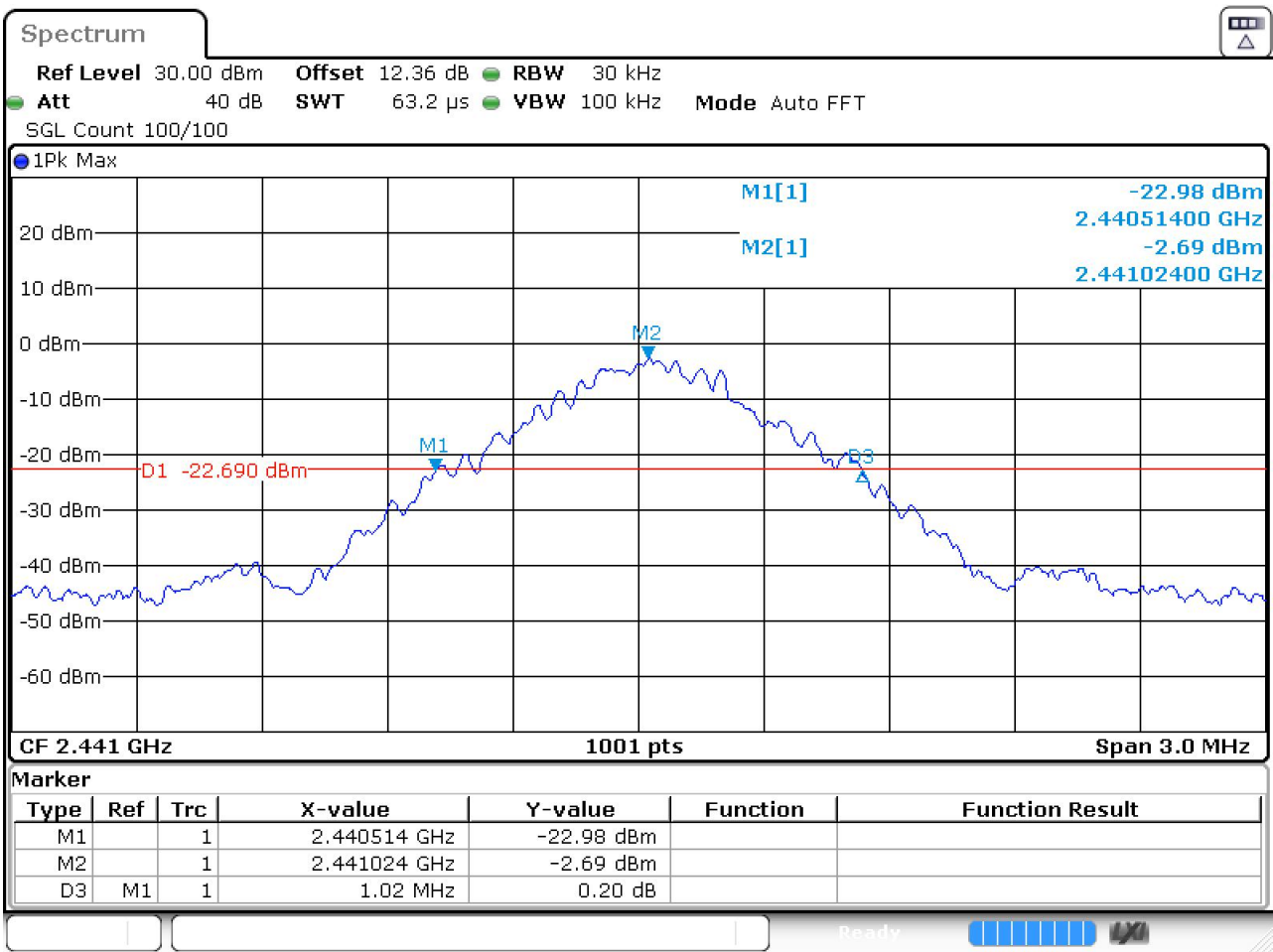
Test Result

TestMode	Frequency[MHz]	20db Bandwidth [MHz]	Limit[MHz]	Verdict
DH5	2402	1.00	---	---
DH5	2441	1.02	---	---
DH5	2480	1.02	---	---
2DH5	2402	1.21	---	---
2DH5	2441	1.23	---	---
2DH5	2480	1.33	---	---
3DH5	2402	1.25	---	---
3DH5	2441	1.26	---	---
3DH5	2480	1.31	---	---

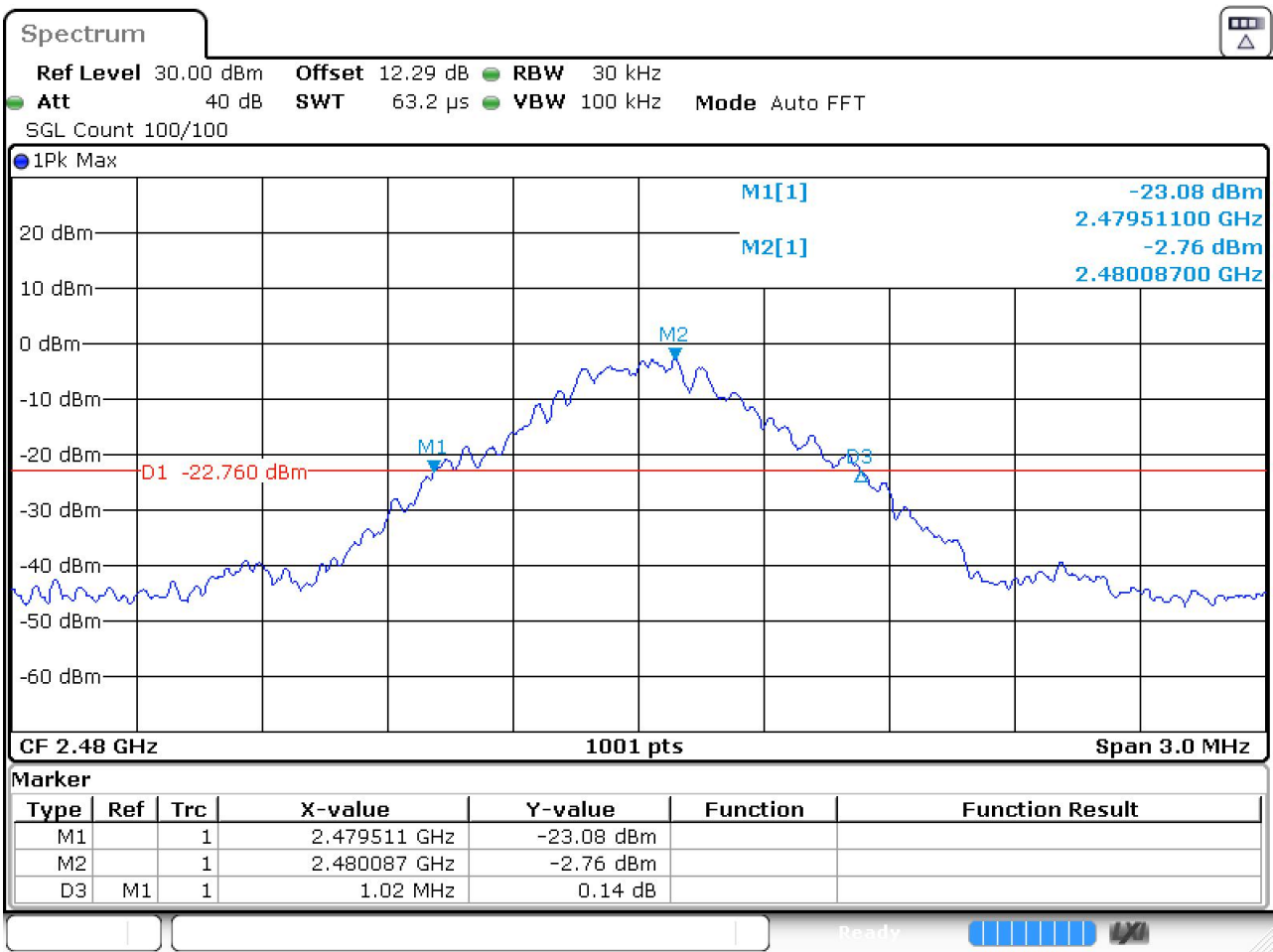
Test Graphs

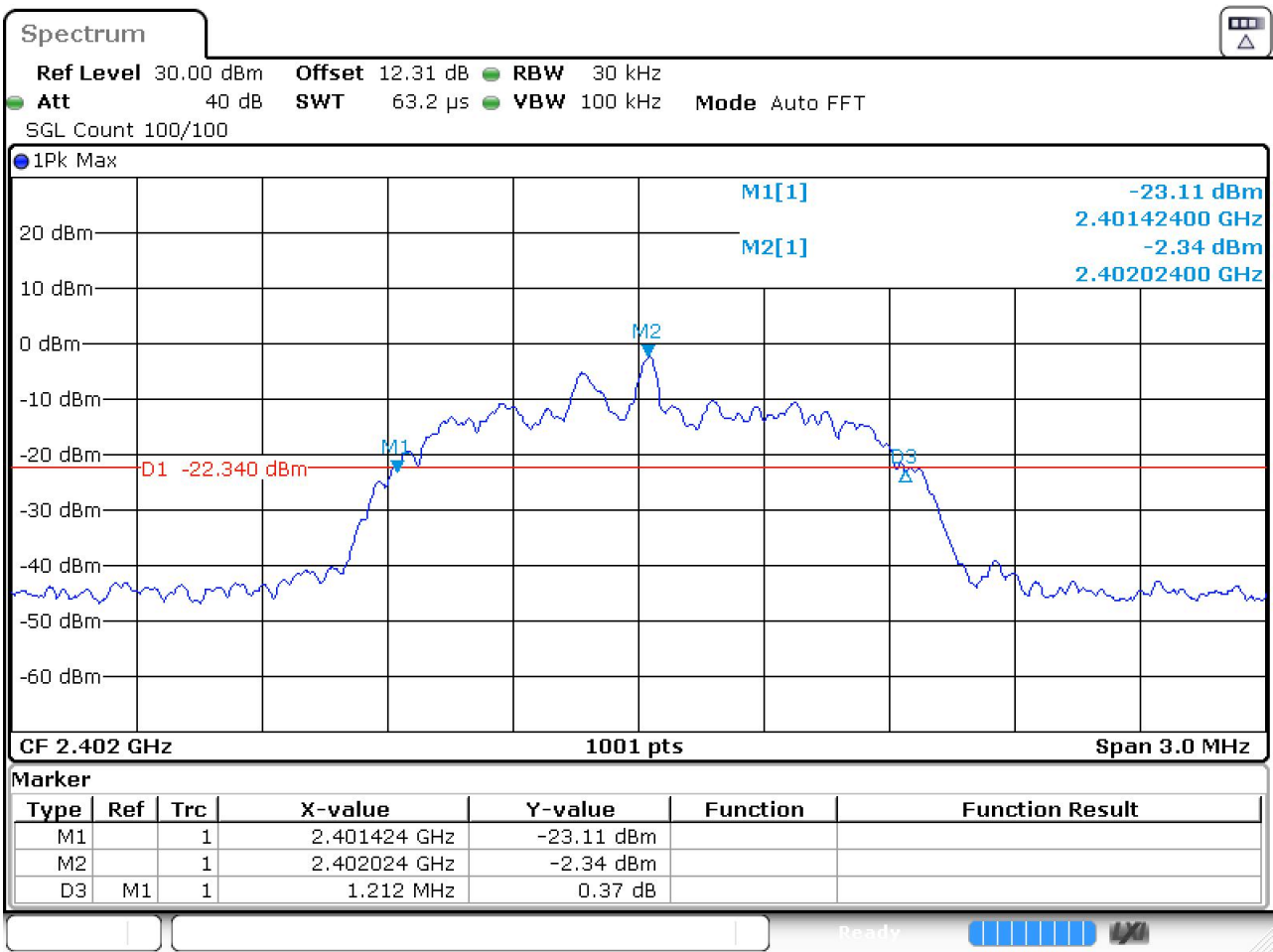


Date: 21.OCT.2025 10:24:47

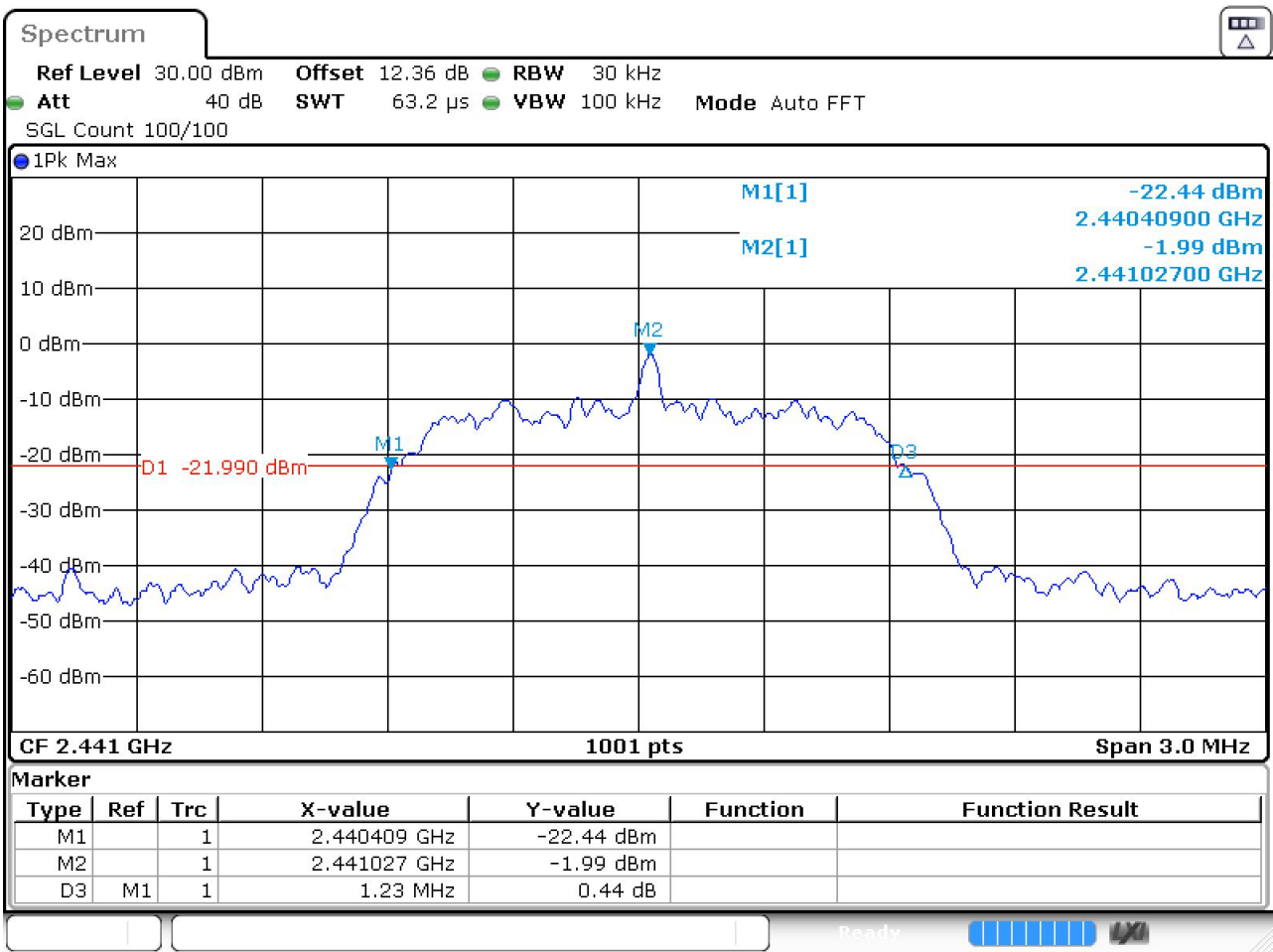


Date: 21.OCT.2025 10:26:20





Date: 21.OCT.2025 10:35:41



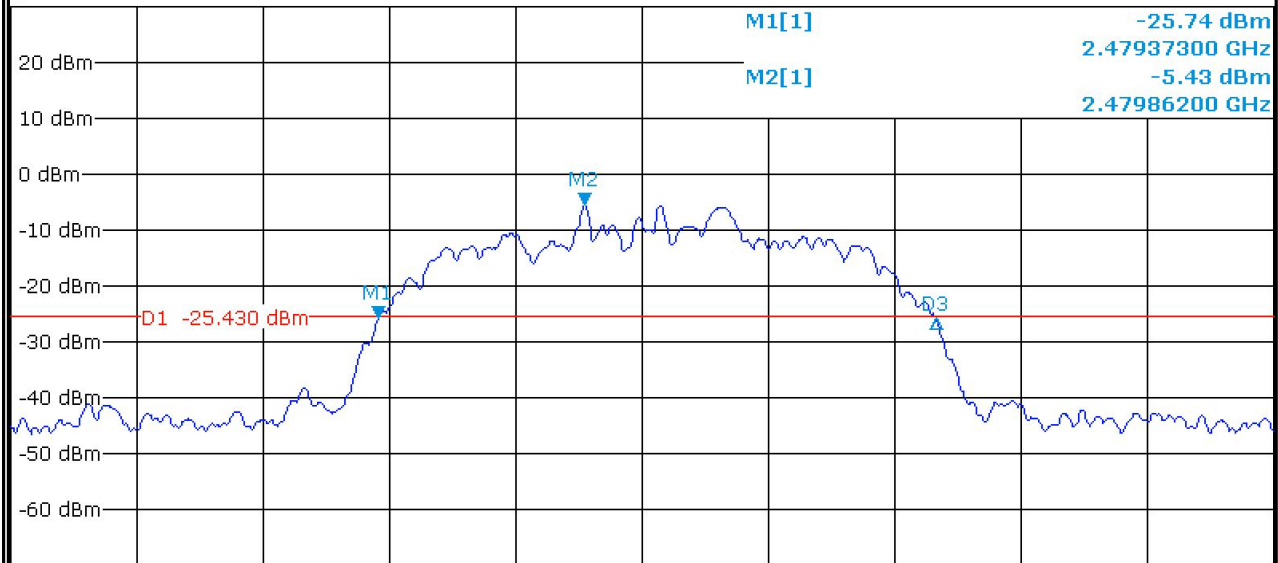
Date: 21.OCT.2025 10:33:08

Spectrum



Ref Level 30.00 dBm Offset 12.29 dB RBW 30 kHz
Att 40 dB SWT 63.2 μ s VBW 100 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



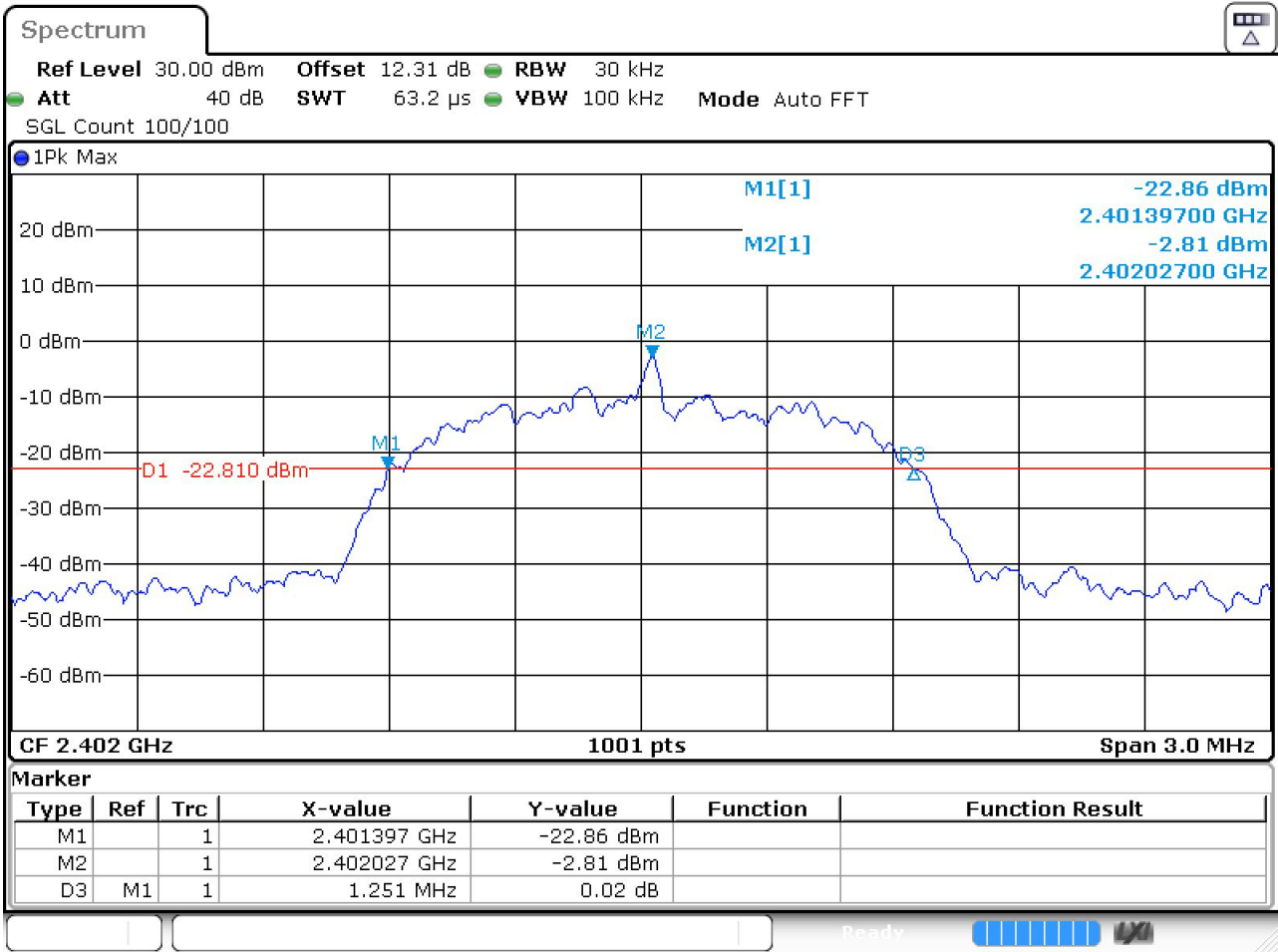
CF 2.48 GHz 1001 pts Span 3.0 MHz

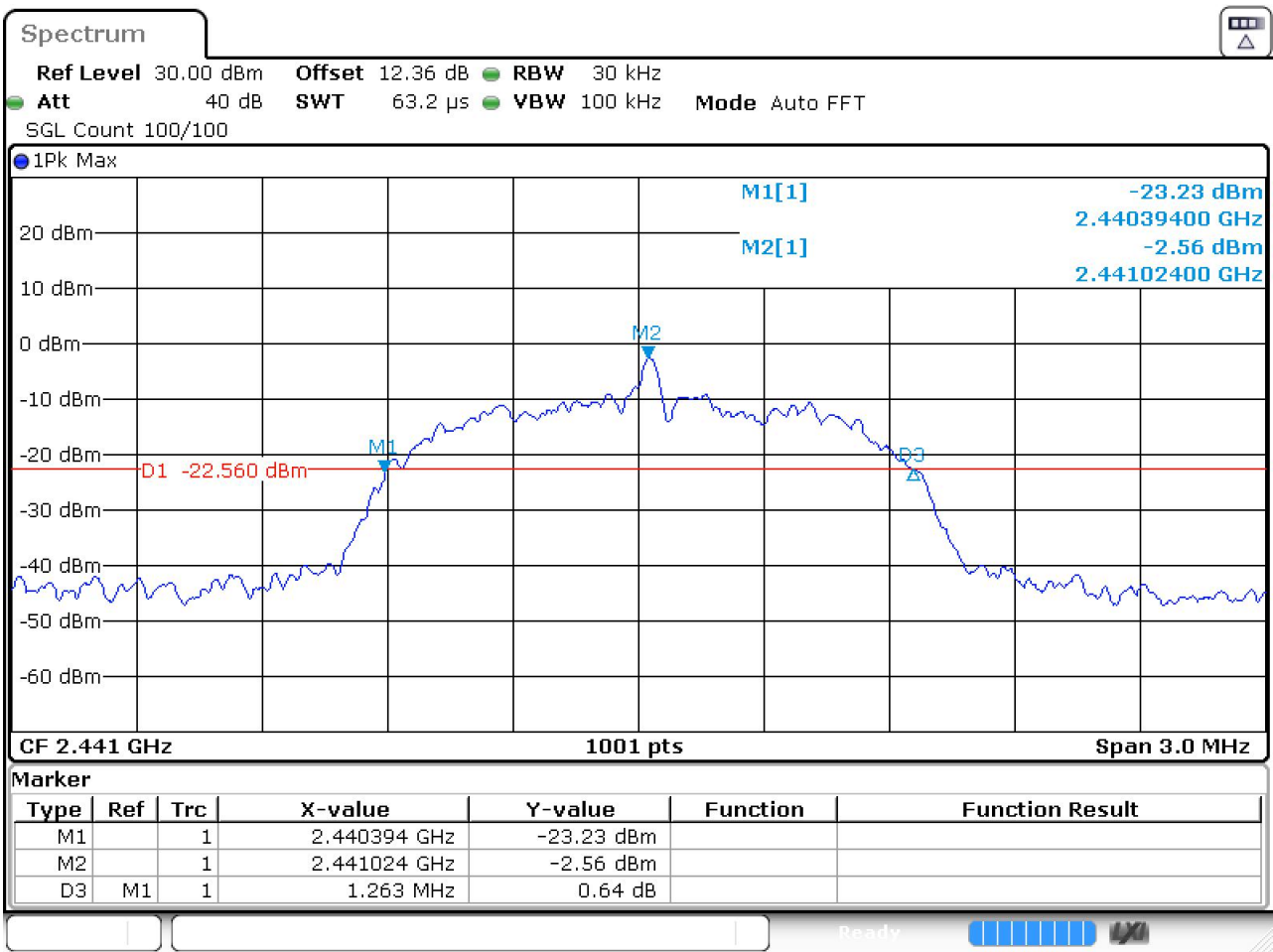
Marker

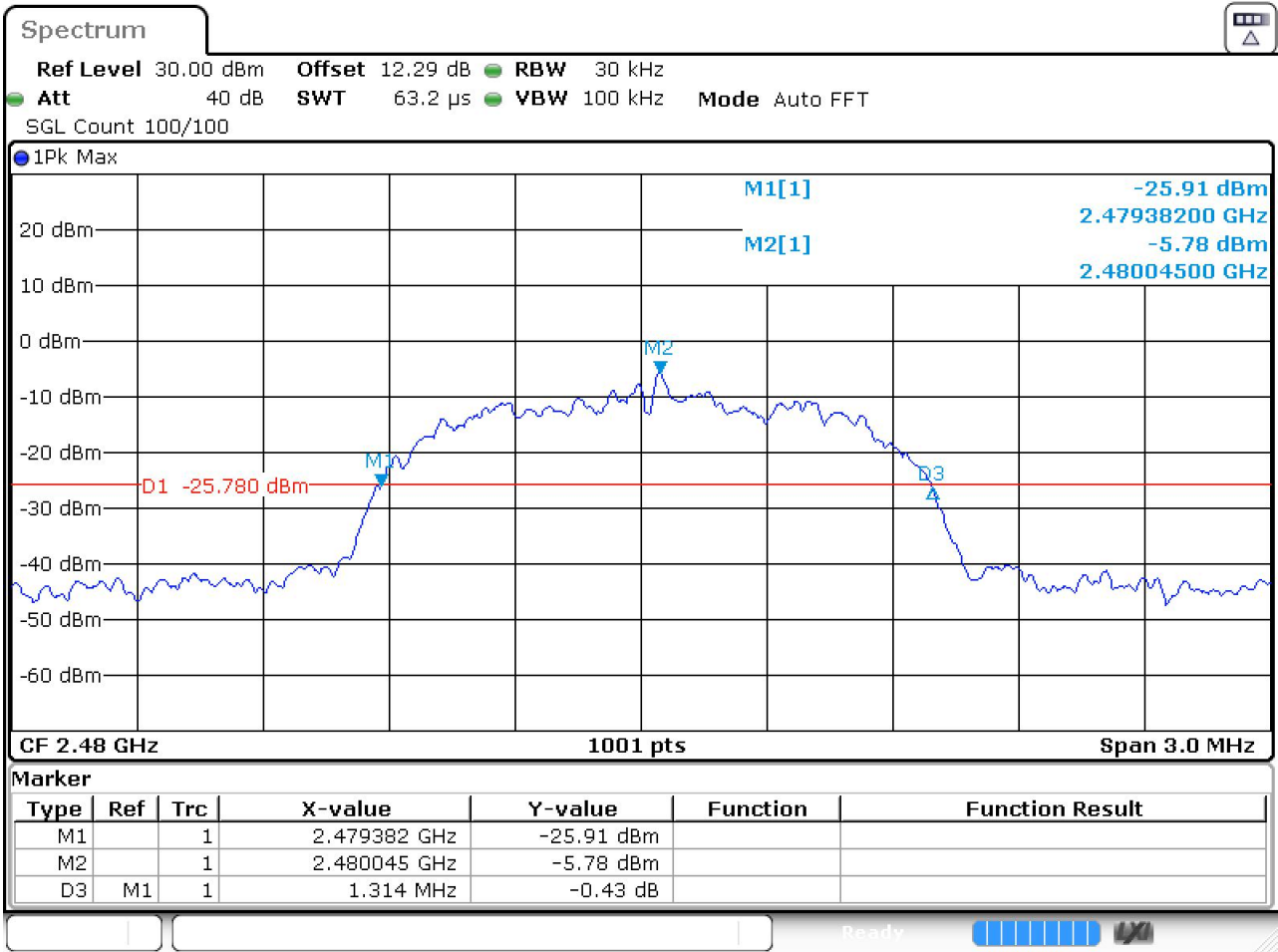
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.479373 GHz	-25.74 dBm		
M2		1	2.479862 GHz	-5.43 dBm		
D3	M1	1	1.326 MHz	-0.11 dB		

Ready

Date: 21.OCT.2025 10:28:53





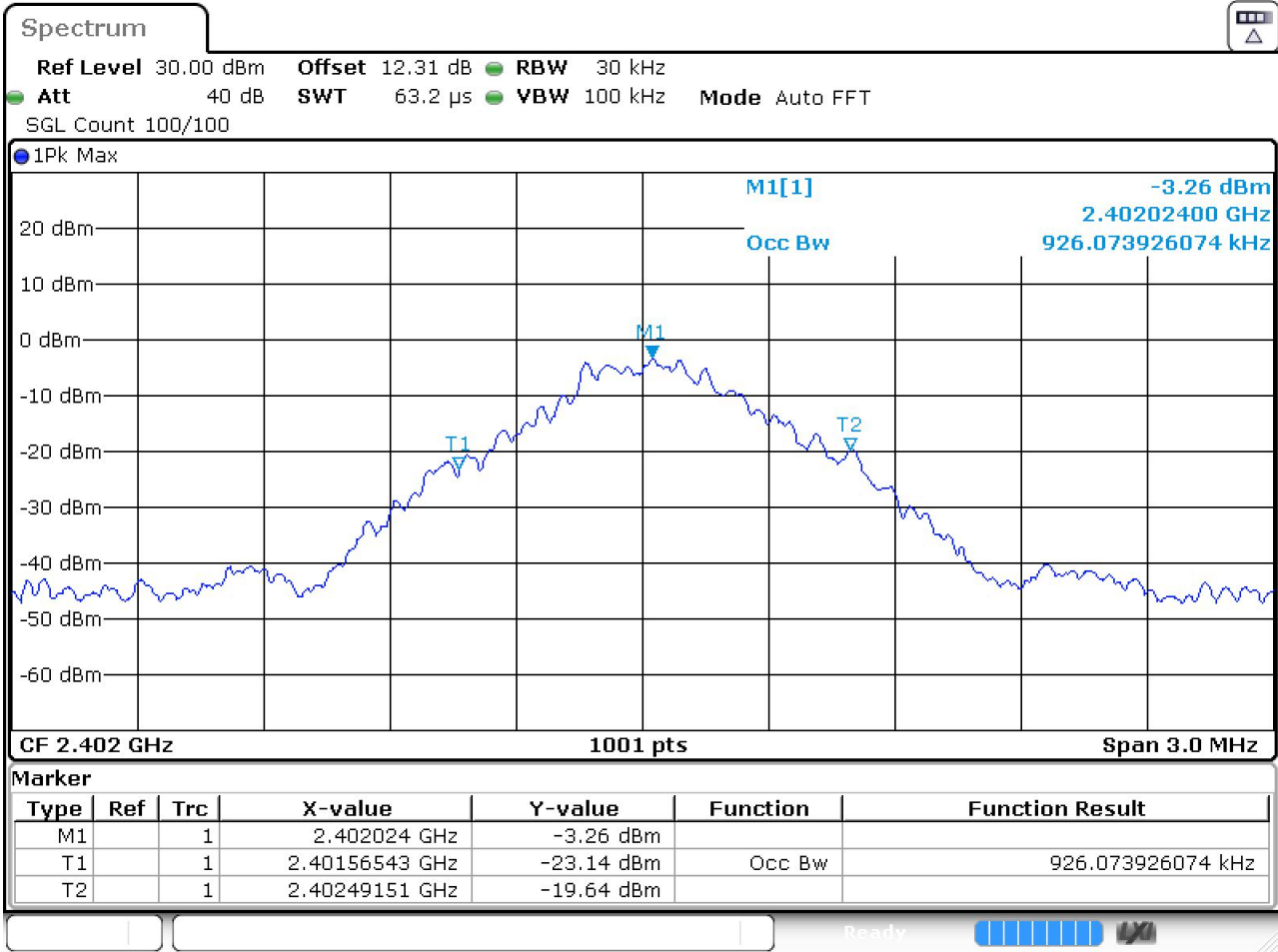


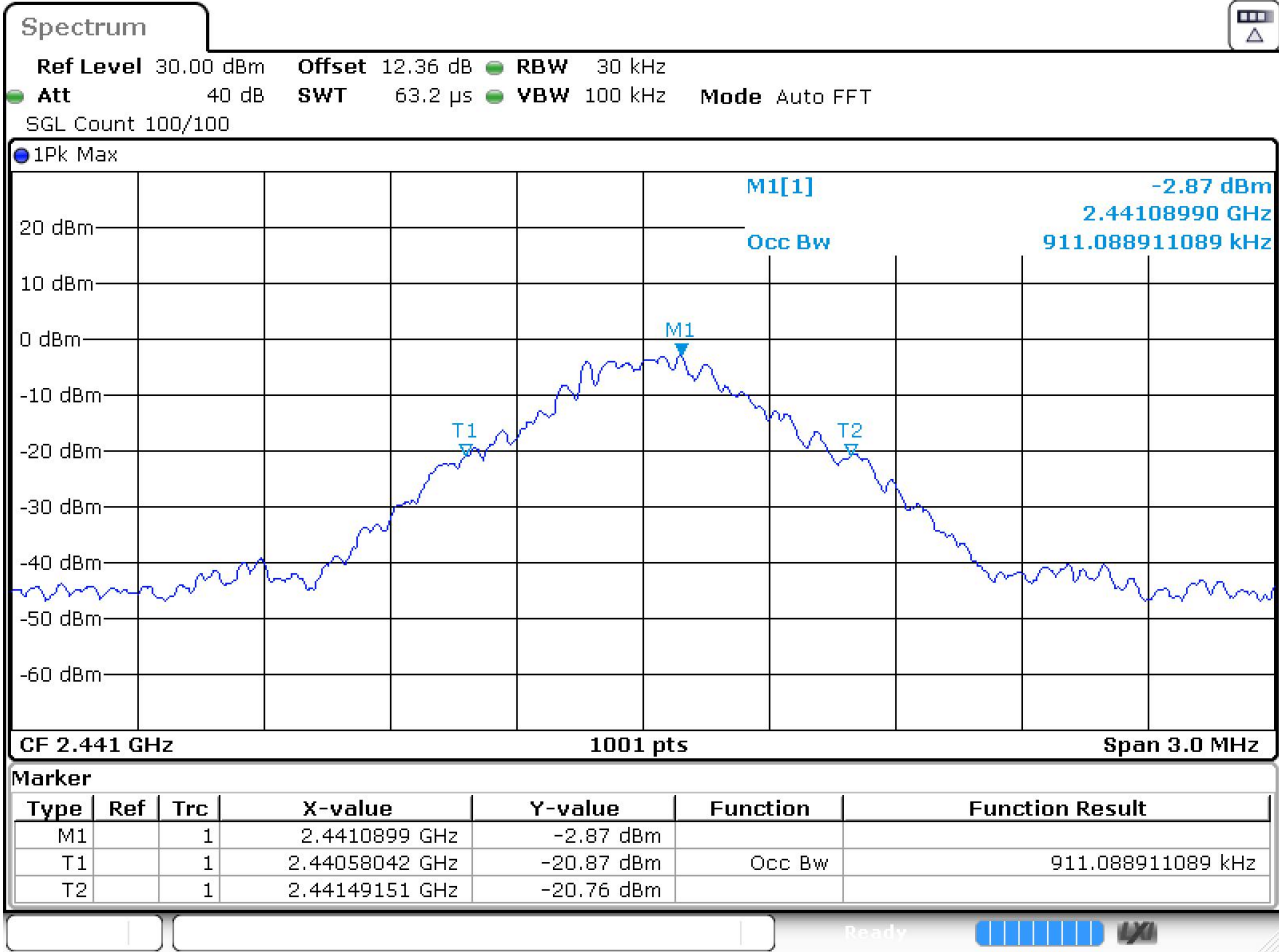
Appendix C: 99% Occupied Bandwidth

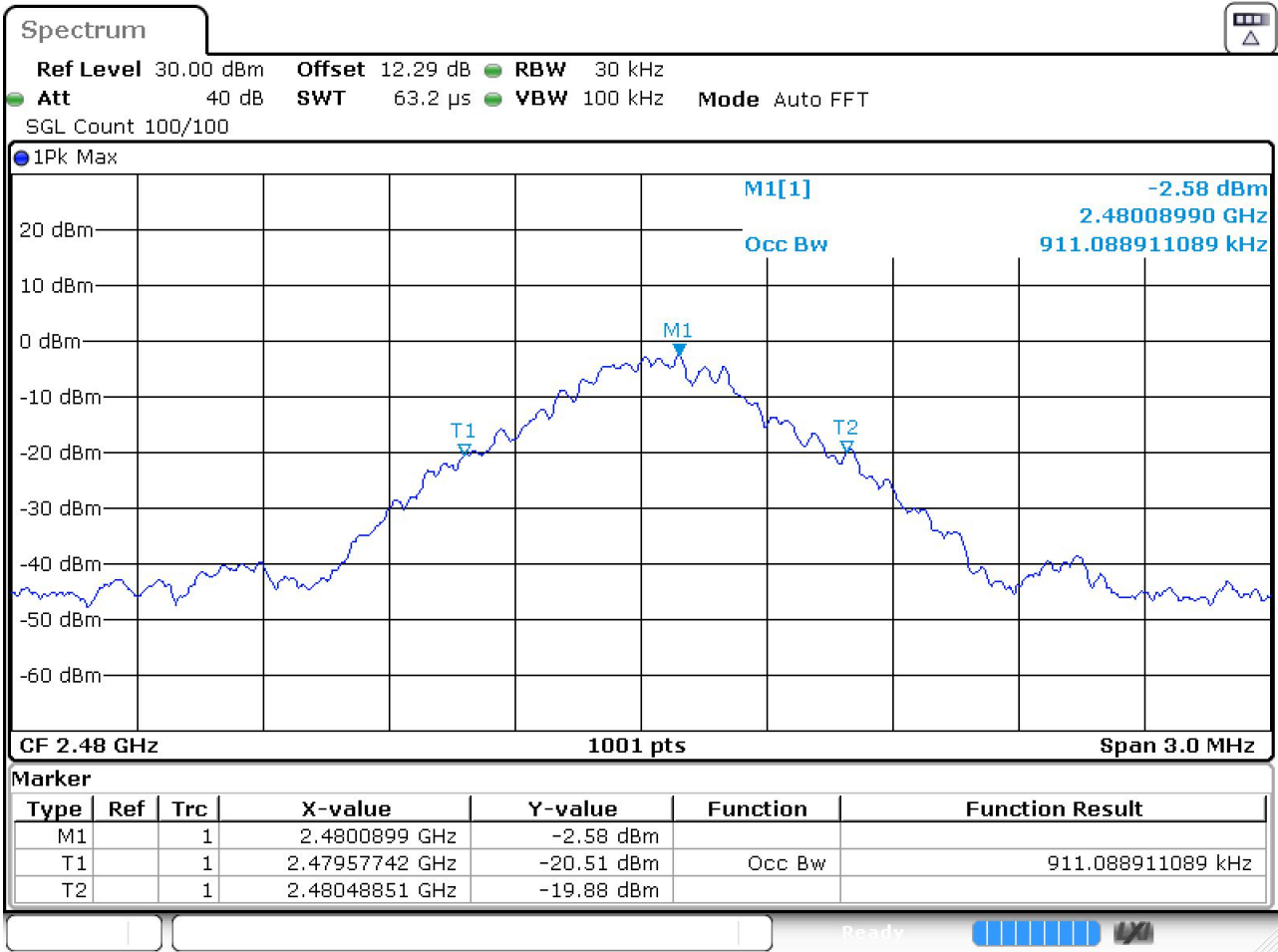
Test Result

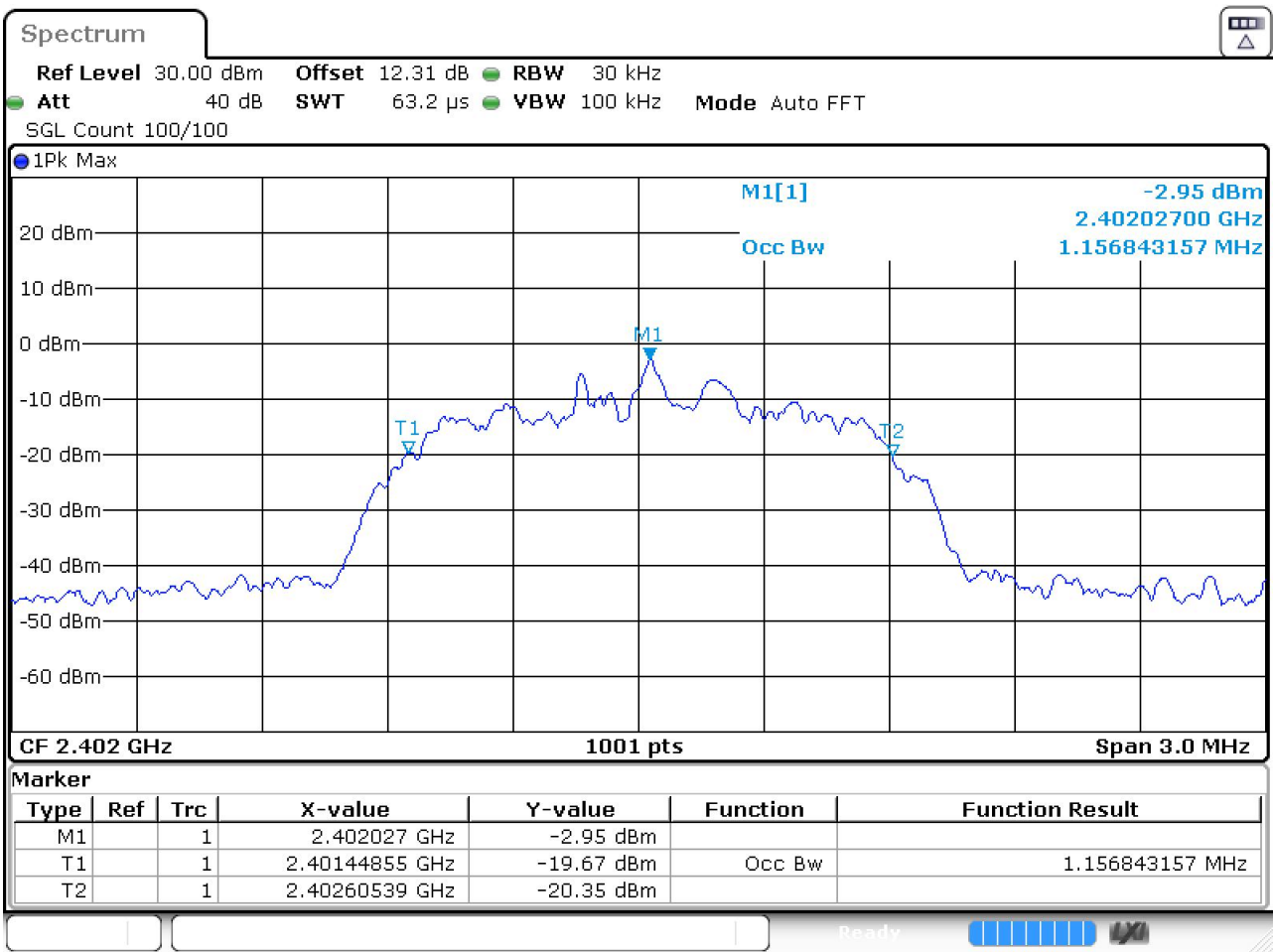
TestMode	Frequency[MHz]	99% Occupied Bandwidth [MHz]	Limit[MHz]	Verdict
DH5	2402	0.92607	---	---
DH5	2441	0.91109	---	---
DH5	2480	0.91109	---	---
2DH5	2402	1.1568	---	---
2DH5	2441	1.1898	---	---
2DH5	2480	1.1688	---	---
3DH5	2402	1.2018	---	---
3DH5	2441	1.1748	---	---
3DH5	2480	1.1808	---	---

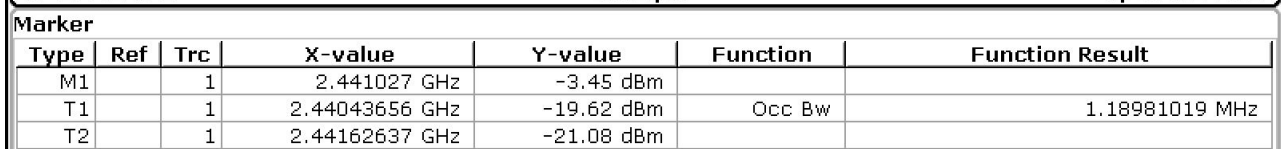
Test Graphs











Ready

Date: 21.OCT.2025 10:33:10

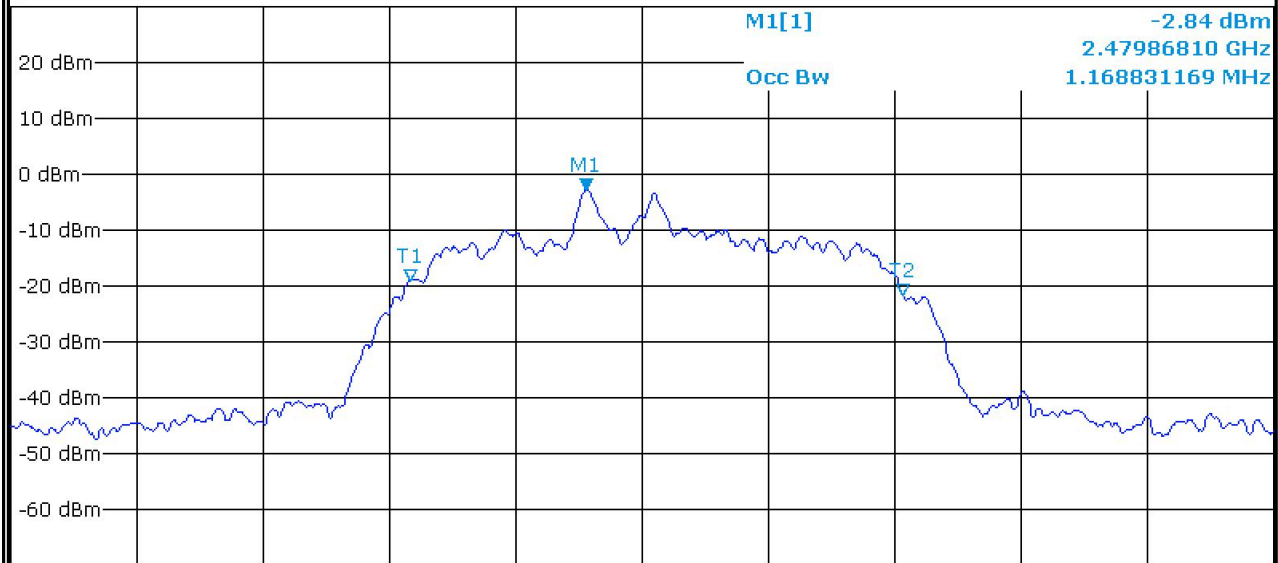
2DH5-2441

Spectrum



Ref Level 30.00 dBm Offset 12.29 dB RBW 30 kHz
Att 40 dB SWT 63.2 μ s VBW 100 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



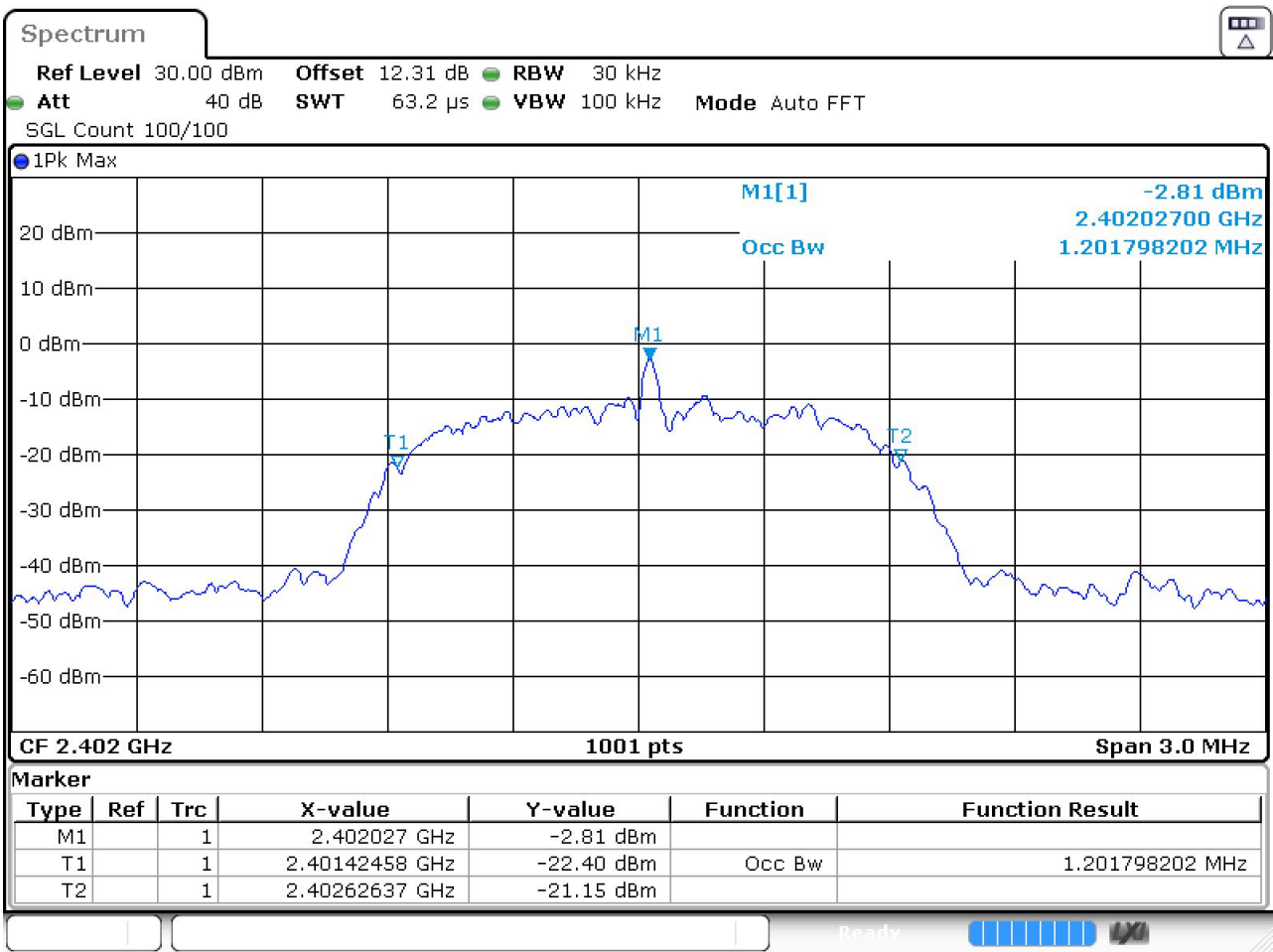
CF 2.48 GHz 1001 pts Span 3.0 MHz

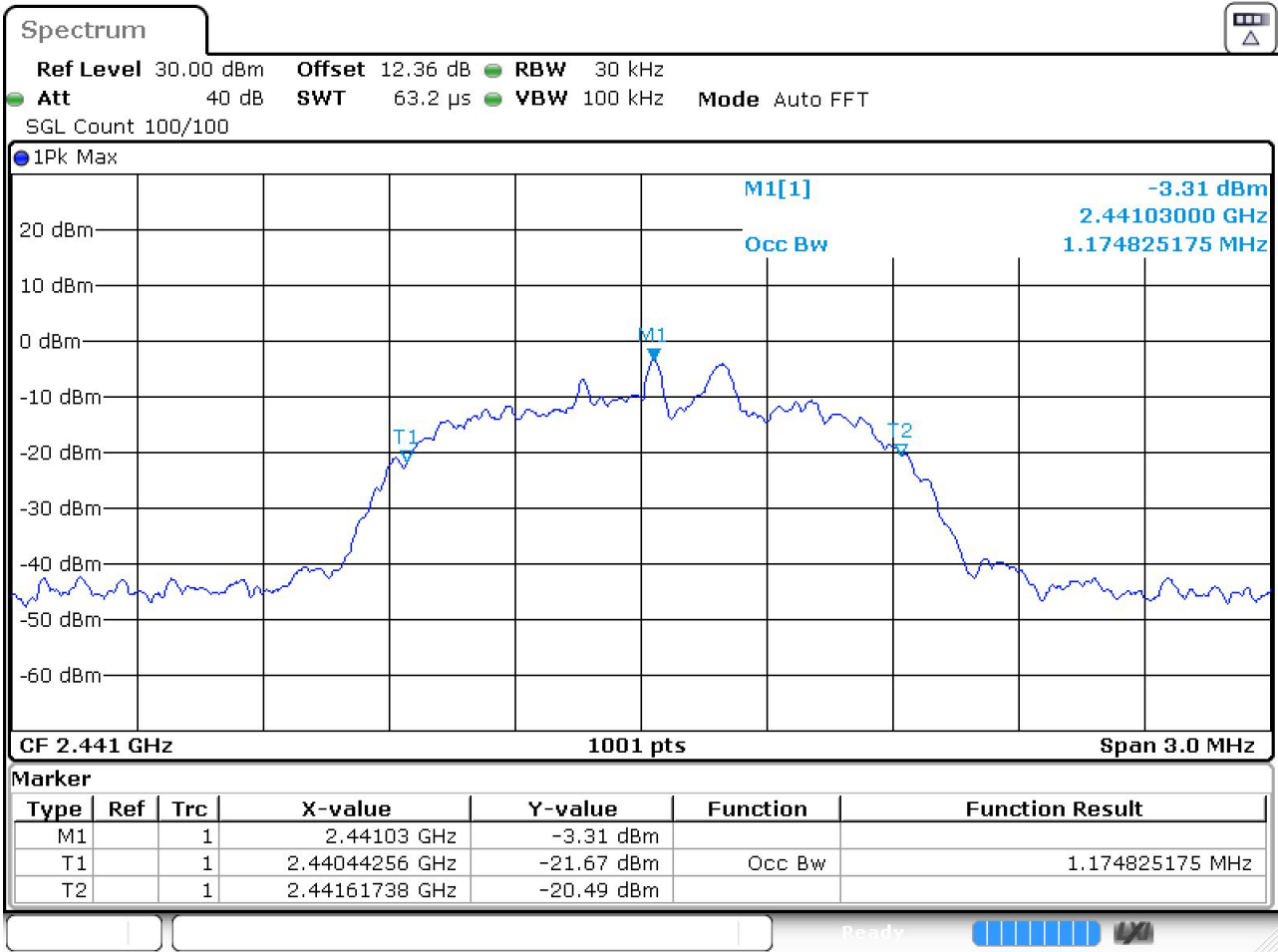
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4798681 GHz	-2.84 dBm		
T1		1	2.47944855 GHz	-19.02 dBm	Occ Bw	1.168831169 MHz
T2		1	2.48061738 GHz	-21.66 dBm		

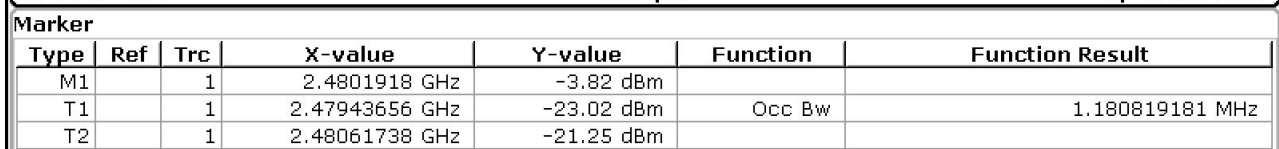
Ready

Date: 21.OCT.2025 10:28:55





☒ 1Pk Max



Ready

Date: 21.OCT.2025 10:30:20

3DH5-2480