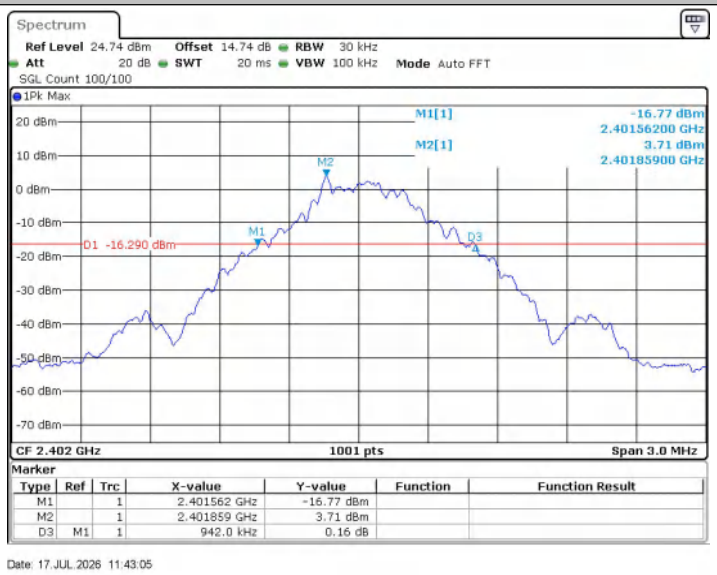
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.94	2401.56	2402.50	---	---
		2441	0.94	2440.56	2441.50	---	---
		2480	0.94	2479.57	2480.50	---	---
2DH5	Ant1	2402	1.27	2401.40	2402.67	---	---
		2441	1.27	2440.40	2441.67	---	---
		2480	1.26	2479.40	2480.65	---	---
3DH5	Ant1	2402	1.28	2401.39	2402.66	---	---
		2441	1.28	2440.39	2441.66	---	---
		2480	1.28	2479.39	2480.66	---	---

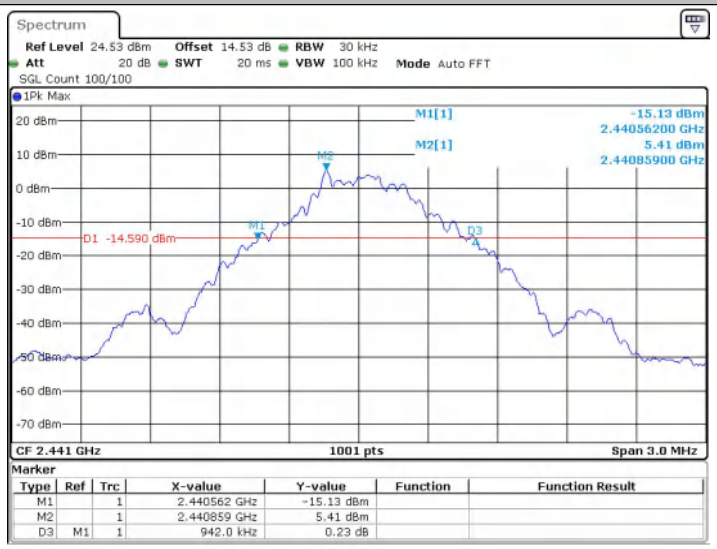
Test Graphs

DH5_Ant1_2402



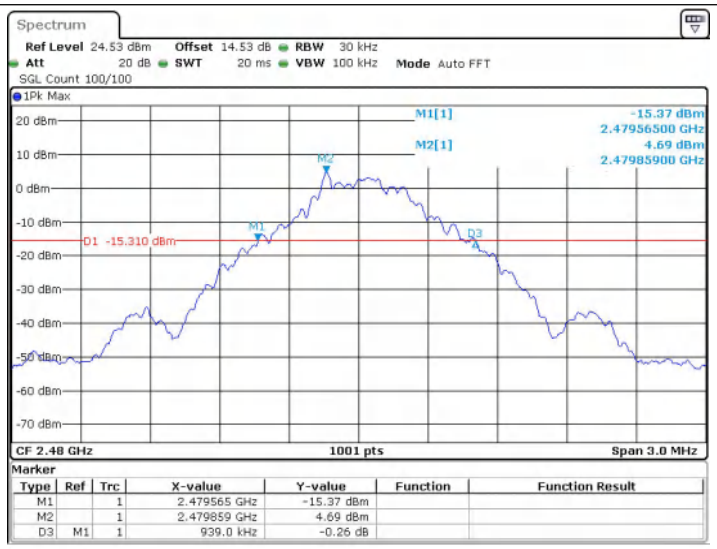
Date: 17.JUL.2026 11:43:05

DH5_Ant1_2441



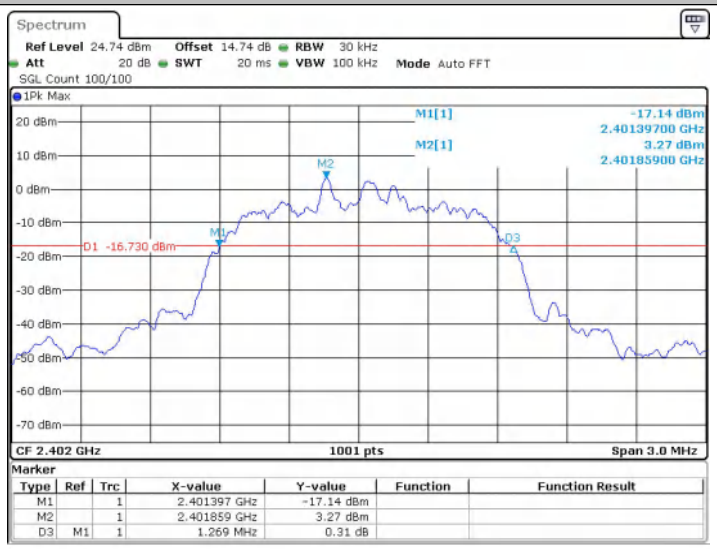
Date: 17.JUL.2026 11:45:30

DH5_Ant1_2480



Date: 17.JUL.2026 11:47:52

2DH5_Ant1_2402

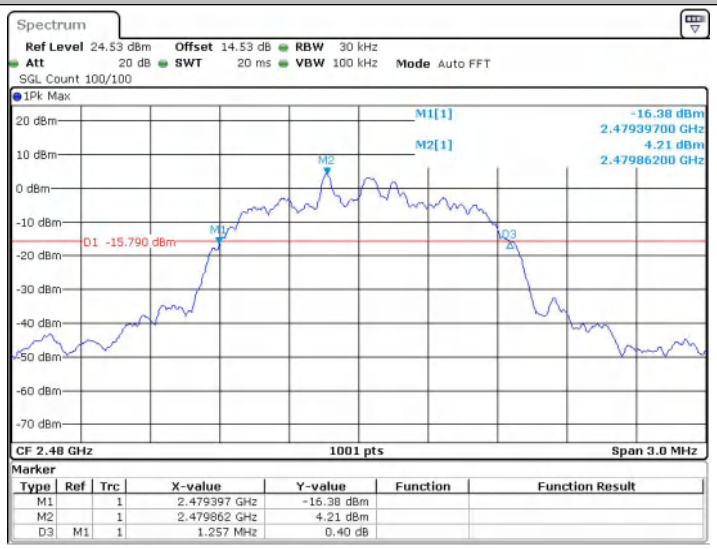


Date: 17.JUL.2026 11:51:30

2DH5_Ant1_2441

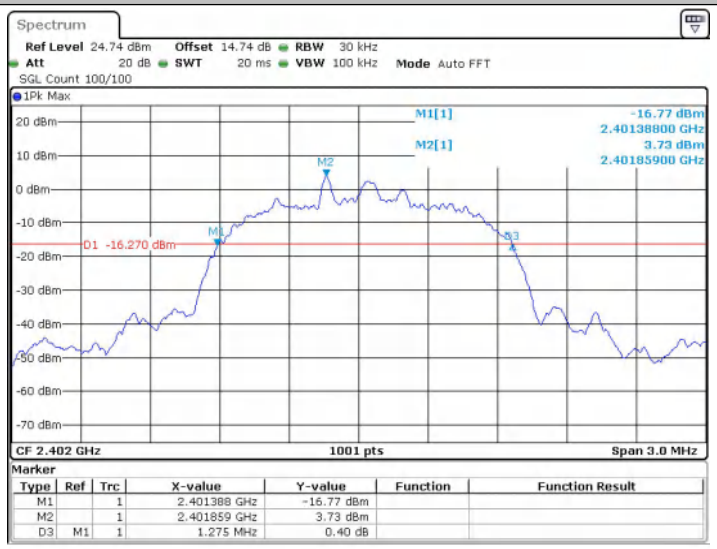
Date: 17.JUL.2026 11:55:03

2DH5_Ant1_2480



Date: 17.JUL.2026 11:57:09

3DH5_Ant1_2402



Date: 17.JUL.2026 11:59:30

3DH5_Ant1_2441

Date: 17.JUL.2026 12:01:56

3DH5_Ant1_2480

Date: 17.JUL.2026 12:03:05

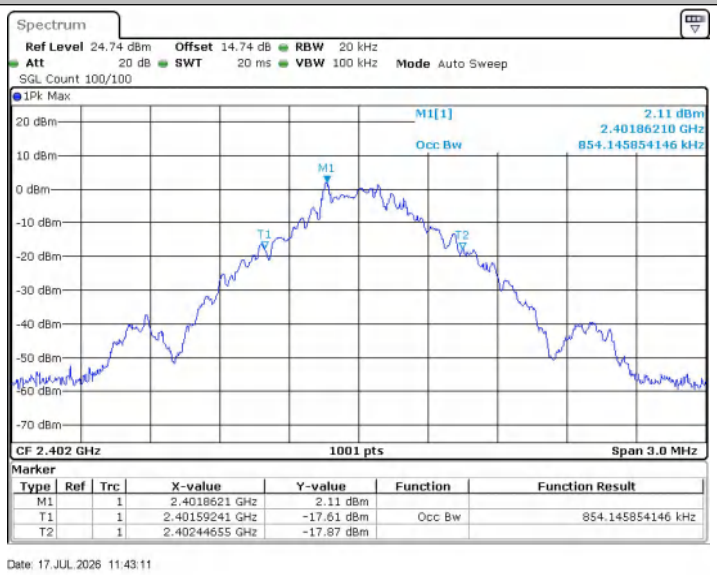
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Freq(MHz)	OCB [MHz]	Limit[MHz]	Verdict
DH5	2402	0.854	---	---
	2441	0.848	---	---
	2480	0.857	---	---
2DH5	2402	1.163	---	---
	2441	1.163	---	---
	2480	1.163	---	---
3DH5	2402	1.169	---	---
	2441	1.172	---	---
	2480	1.175	---	---

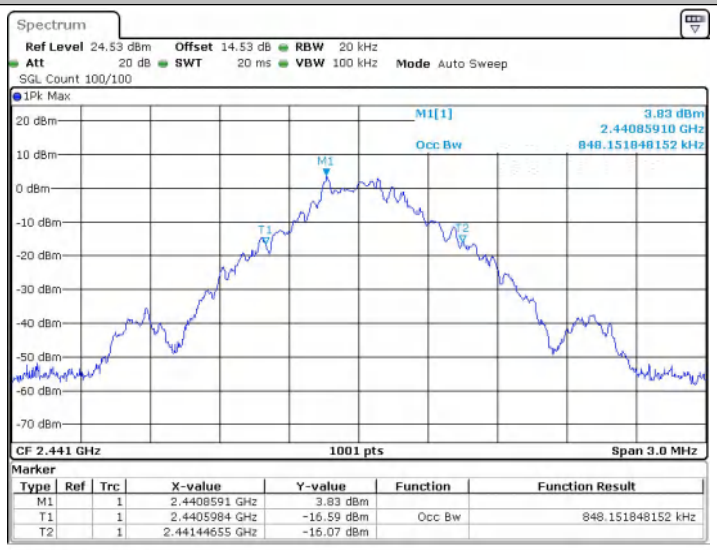
Test Graphs

DH5_Ant1_2402



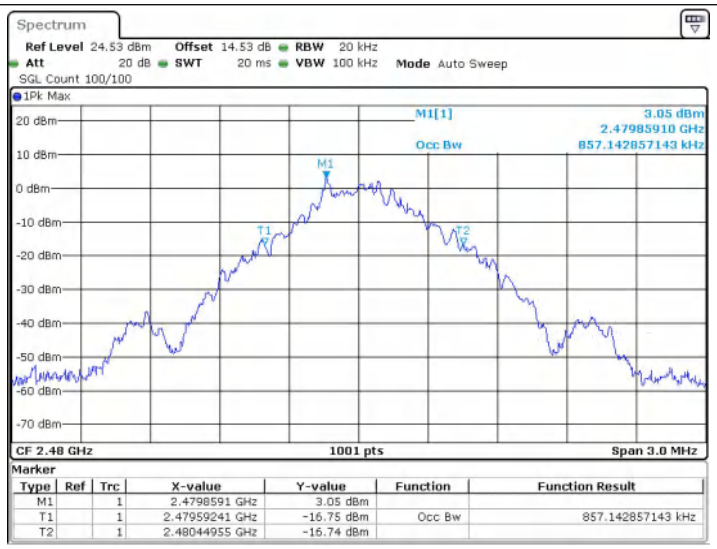
Date: 17.JUL.2026 11:43:11

DH5_Ant1_2441



Date: 17.JUL.2026 11:45:37

DH5_Ant1_2480



2DH5_Ant1_2402

2DH5_Ant1_2441

2DH5_Ant1_2480

Date: 17.JUL.2026 11:57:16

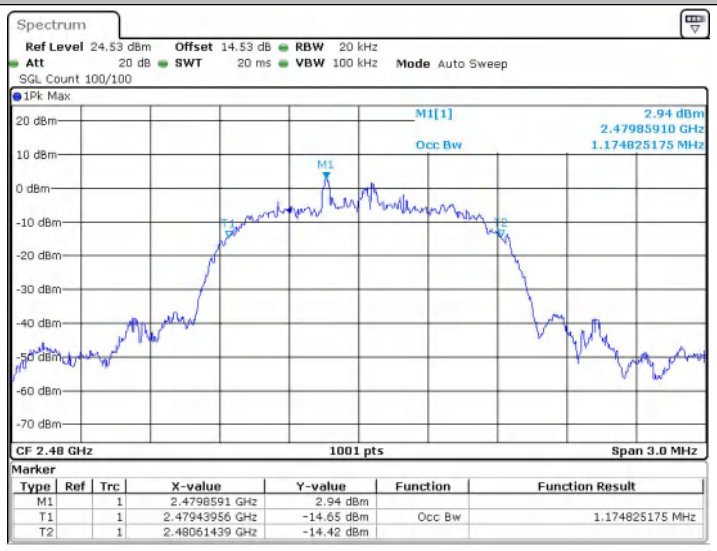
3DH5_Ant1_2402

Date: 17.JUL.2026 11:59:37

3DH5_Ant1_2441

Date: 17.JUL.2026 12:02:03

3DH5_Ant1_2480



Date: 17.JUL.2026 12:03:12

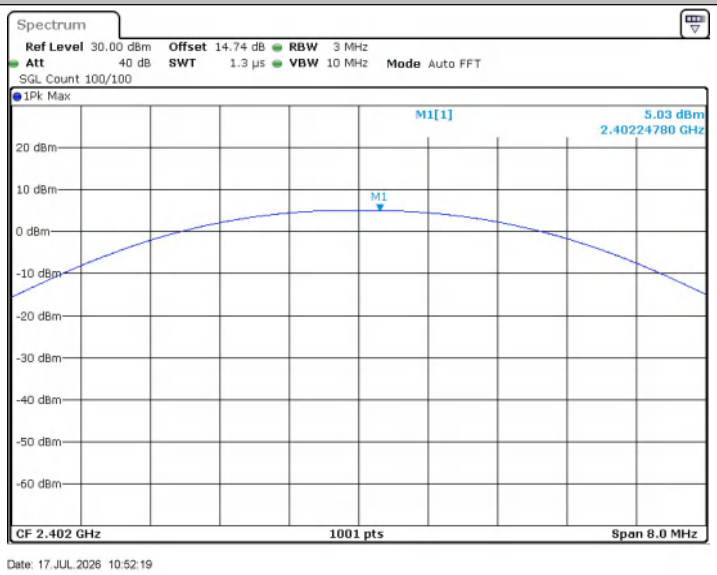
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Freq (MHz)	Conducted Peak Powert [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	5.03	≤30	PASS
		2441	6.66	≤30	PASS
		2480	5.85	≤30	PASS
2DH5	Ant1	2402	5.30	≤30	PASS
		2441	7.08	≤30	PASS
		2480	6.14	≤30	PASS
3DH5	Ant1	2402	5.38	≤30	PASS
		2441	7.06	≤30	PASS
		2480	6.71	≤30	PASS

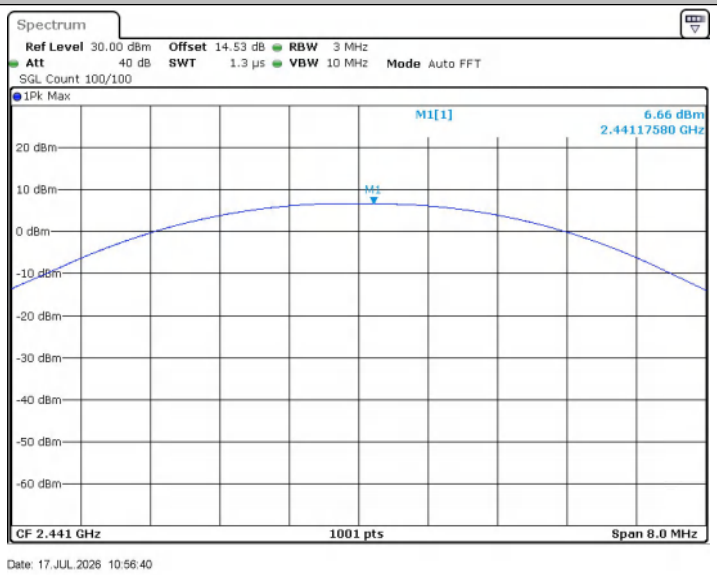
Test Graphs

DH5_Ant1_2402



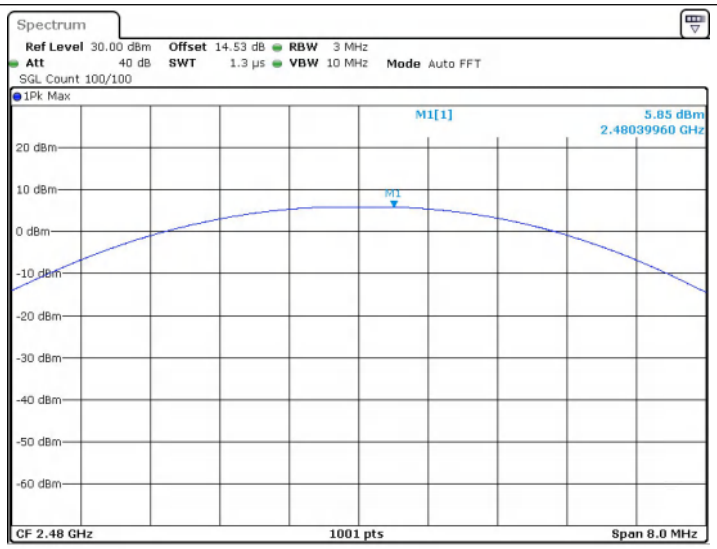
Date: 17.JUL.2026 10:52:19

DH5_Ant1_2441



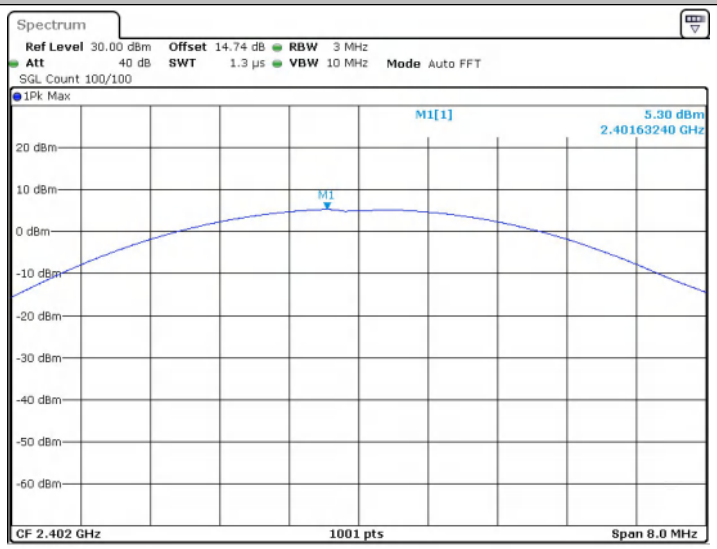
Date: 17.JUL.2026 10:56:40

DH5_Ant1_2480



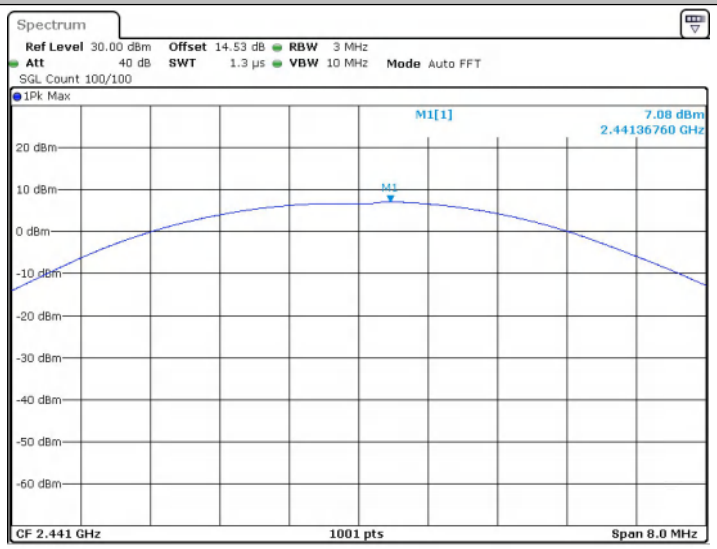
Date: 17.JUL.2026 11:03:15

2DH5_Ant1_2402

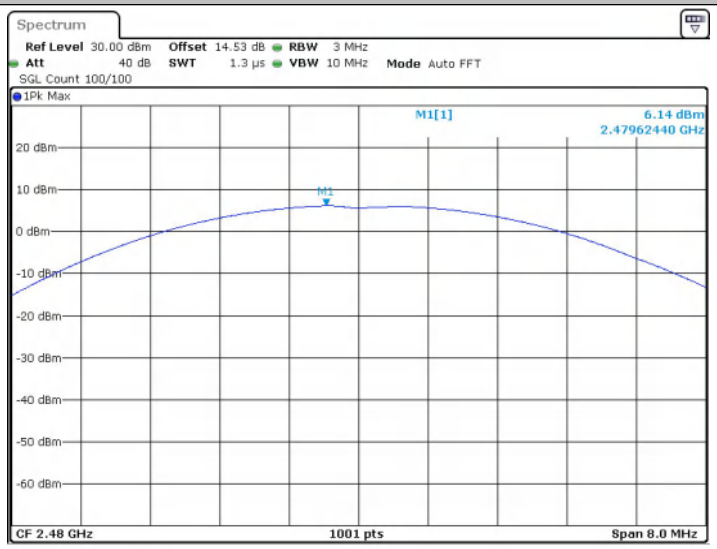
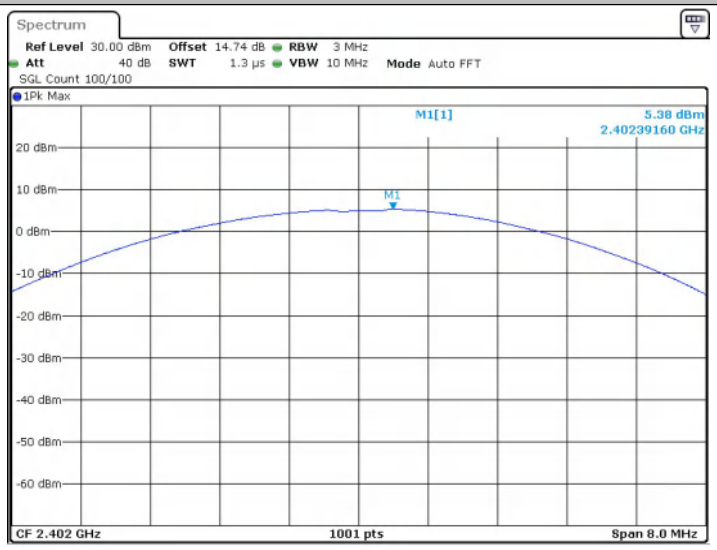


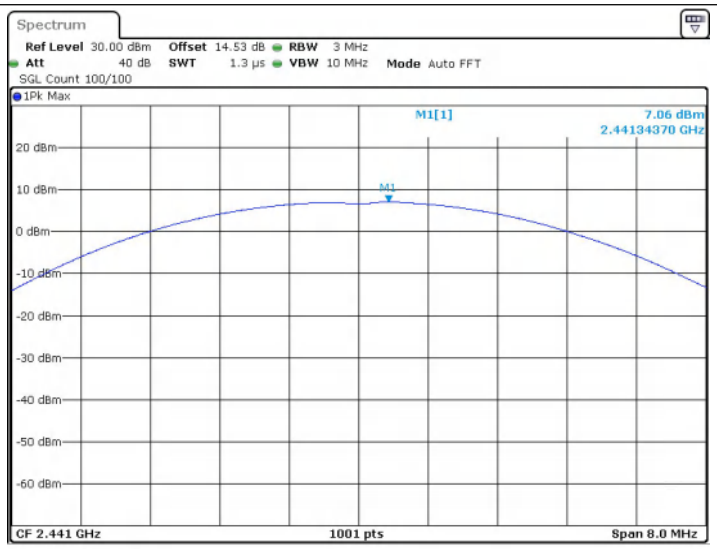
Date: 17.JUL.2026 11:05:28

2DH5_Ant1_2441

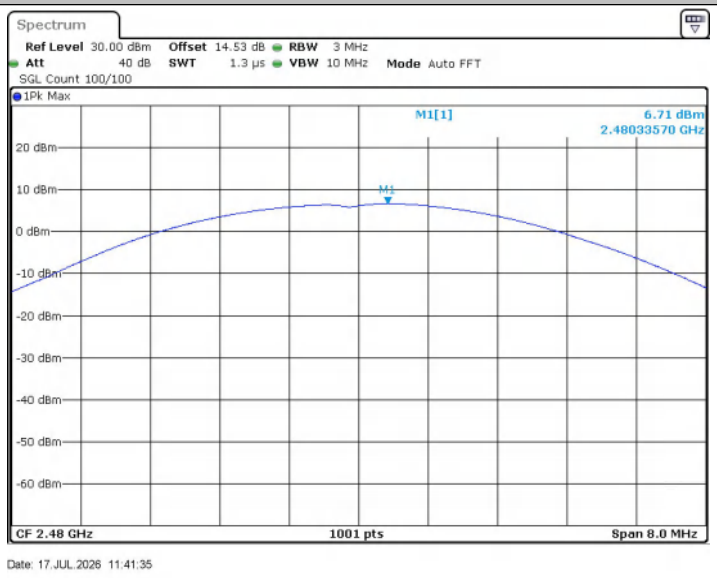


Date: 17.JUL.2026 11:06:17

2DH5_Ant1_2480

3DH5_Ant1_2402

3DH5_Ant1_2441



3DH5_Ant1_2480

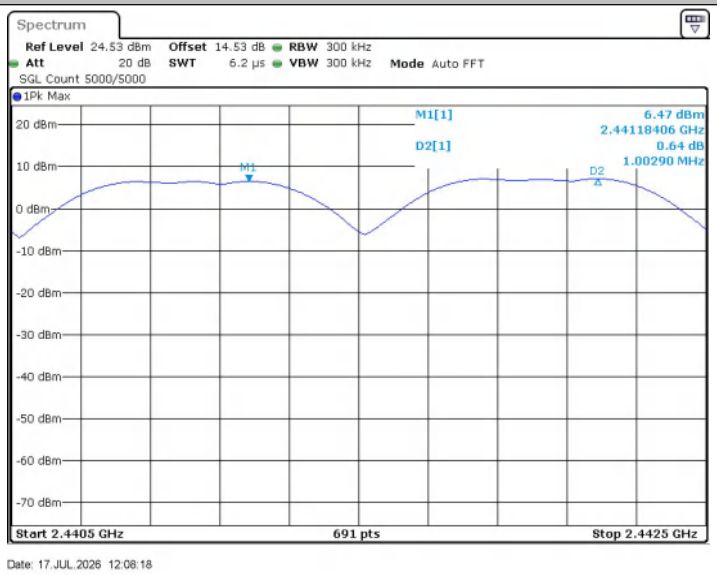
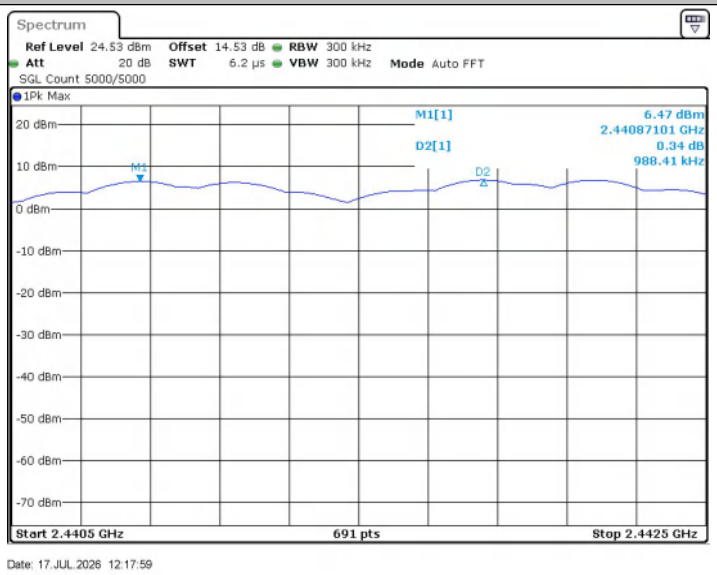


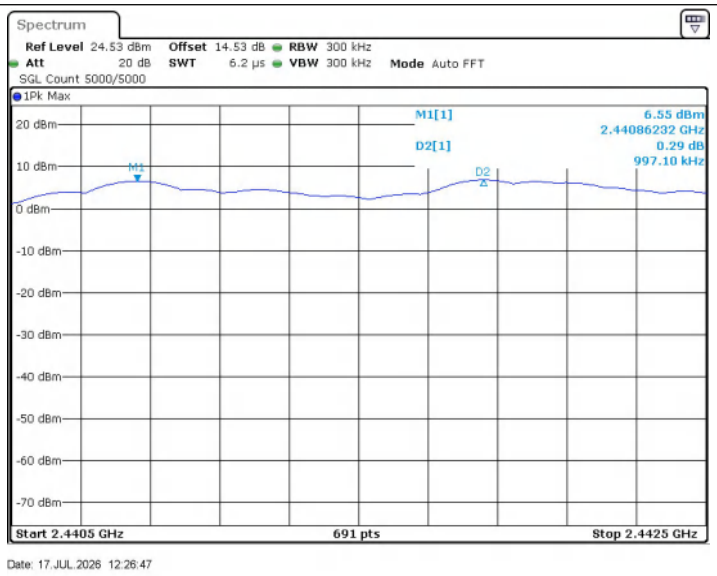
Appendix D: Carrier frequency separation

Test Result

TestMode	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Hop	1.003	≥0.940	PASS
2DH5	Hop	0.988	≥0.847	PASS
3DH5	Hop	0.997	≥0.853	PASS

Test Graphs

DH5_Ant1_Hop
 Date: 17.JUL.2026 12:08:18
2DH5_Ant1_Hop
 Date: 17.JUL.2026 12:17:59
3DH5_Ant1_Hop

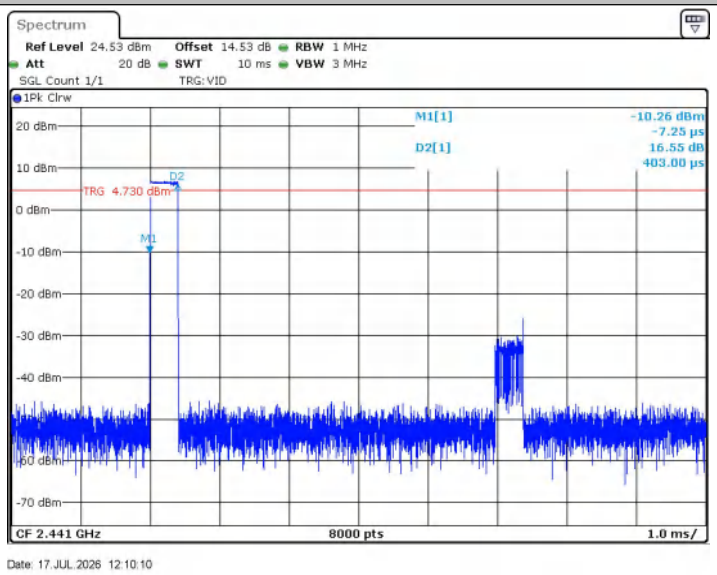
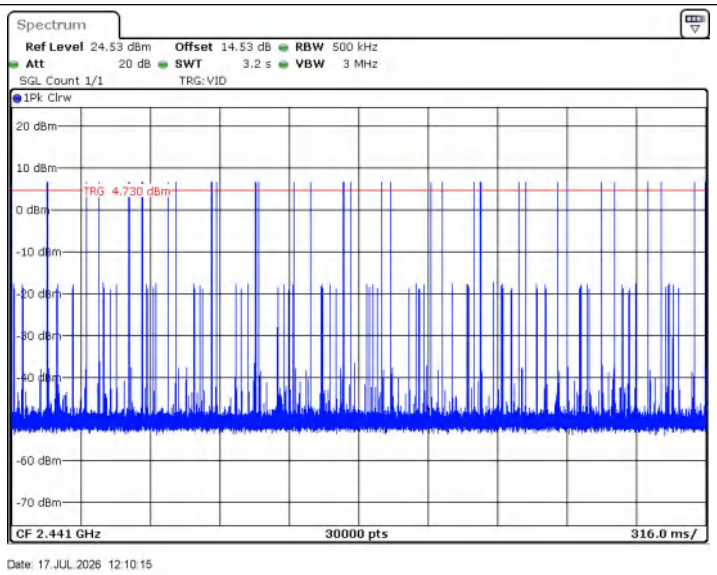

Spectrum
Ref Level 24.53 dBm
Offset 14.53 dB
RBW 300 kHz
Att 20 dB
SWT 6.2 µs
VBW 300 kHz
Mode Auto FFT
SGL Count 5000/5000
1Pk Max
M1[1]
6.55 dBm
2.44086232 GHz
D2[1]
0.29 dB
997.10 kHz
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
M1
D2
Start 2.4405 GHz
691 pts
Stop 2.4425 GHz
Date: 17.JUL.2026 12:26:47

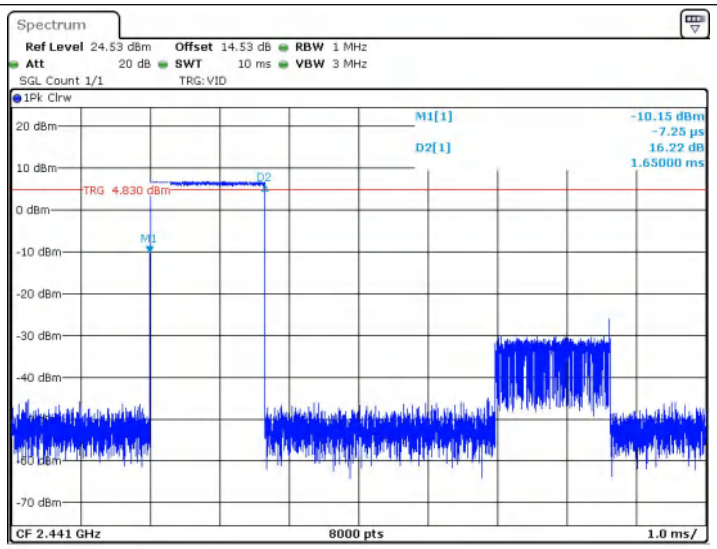
Appendix E: Time of occupancy

Test Result

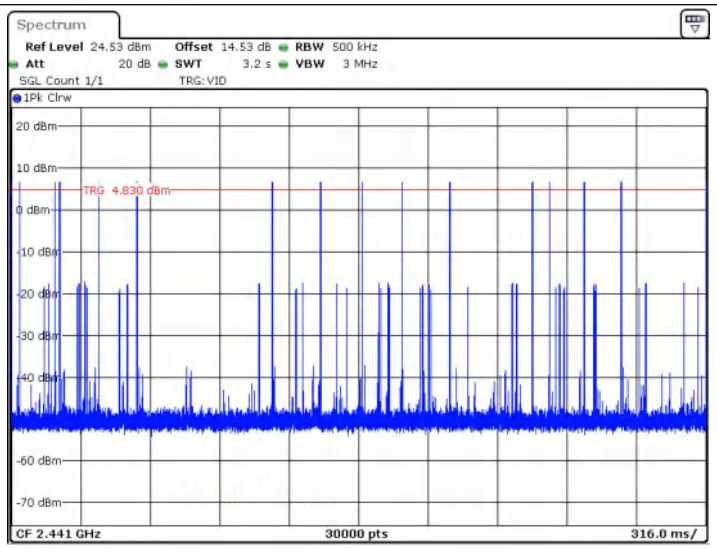
TestMode	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Hop	0.403	330	0.133	≤0.4	PASS
DH3	Hop	1.650	150	0.248	≤0.4	PASS
DH5	Hop	2.892	130	0.376	≤0.4	PASS
2DH1	Hop	0.413	320	0.132	≤0.4	PASS
2DH3	Hop	1.658	180	0.298	≤0.4	PASS
2DH5	Hop	2.897	100	0.29	≤0.4	PASS
3DH1	Hop	0.415	320	0.133	≤0.4	PASS
3DH3	Hop	1.656	160	0.265	≤0.4	PASS
3DH5	Hop	2.899	120	0.348	≤0.4	PASS

Test Graphs

DH1_Ant1_Hop


DH3_Ant1_Hop

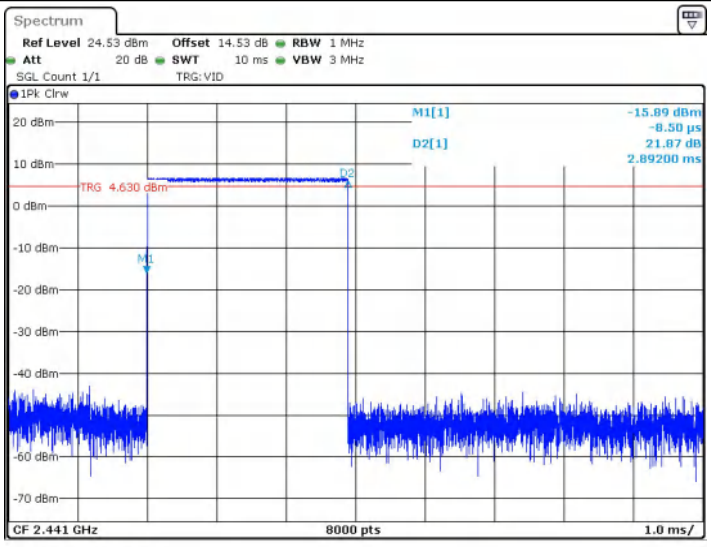


Date: 17.JUL.2026 12:12:07

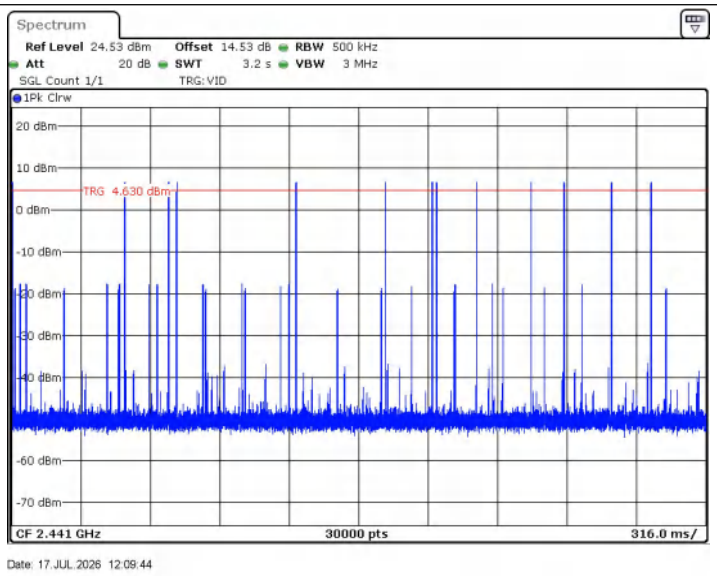


Date: 17.JUL.2026 12:12:12

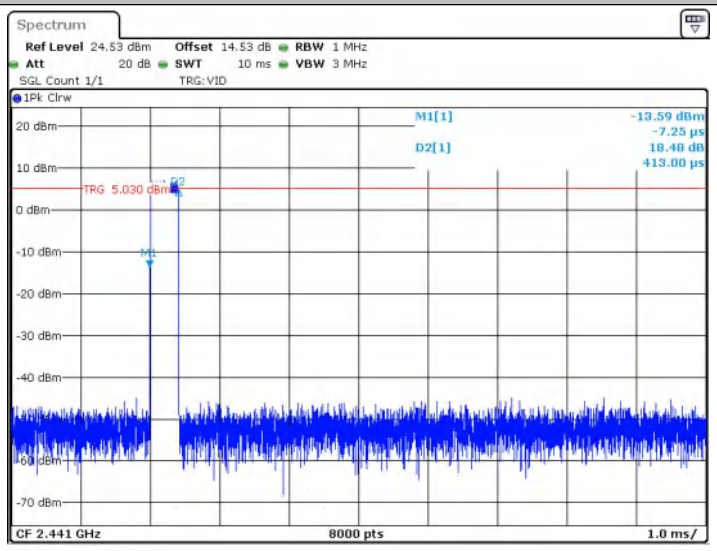
DH5_Ant1_Hop

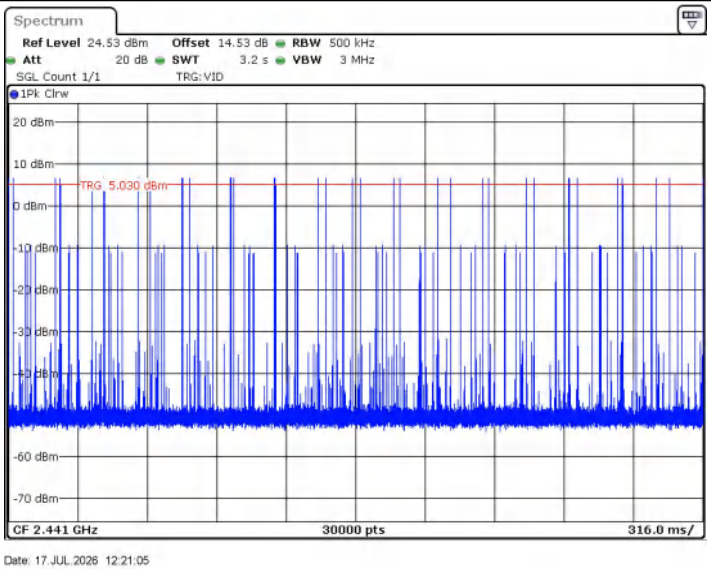


Date: 17.JUL.2026 12:09:39

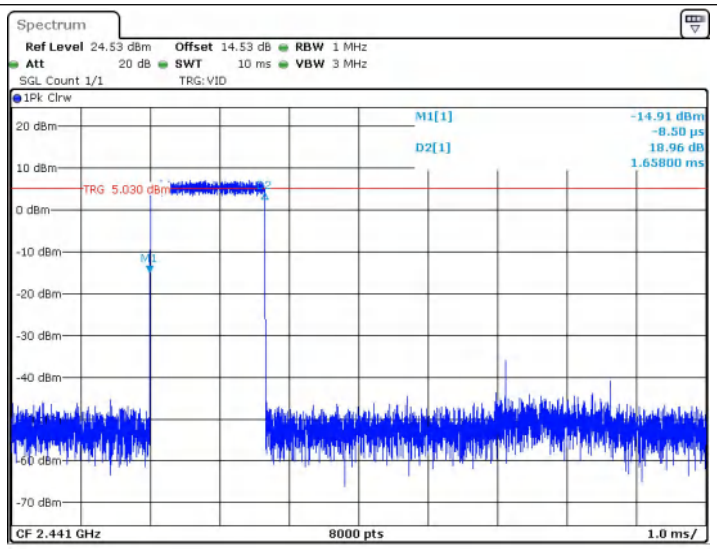


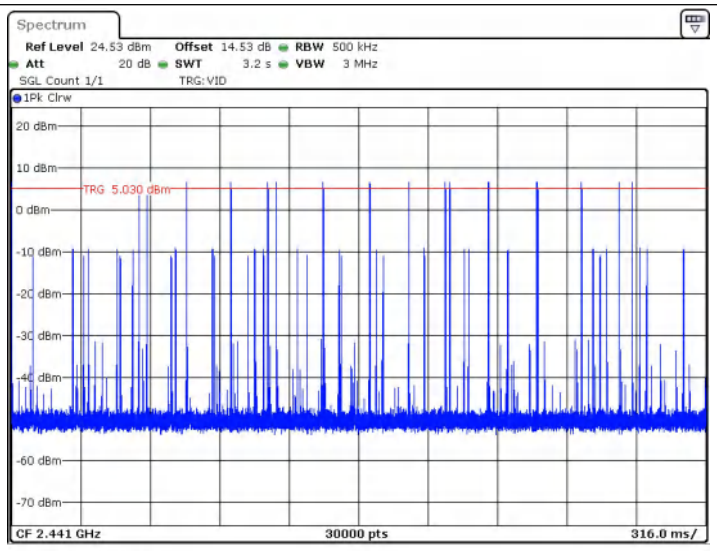
2DH1_Ant1_Hop



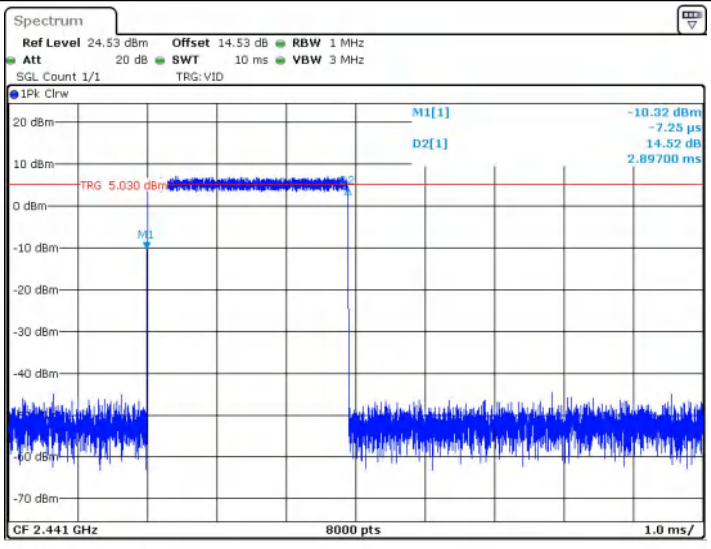


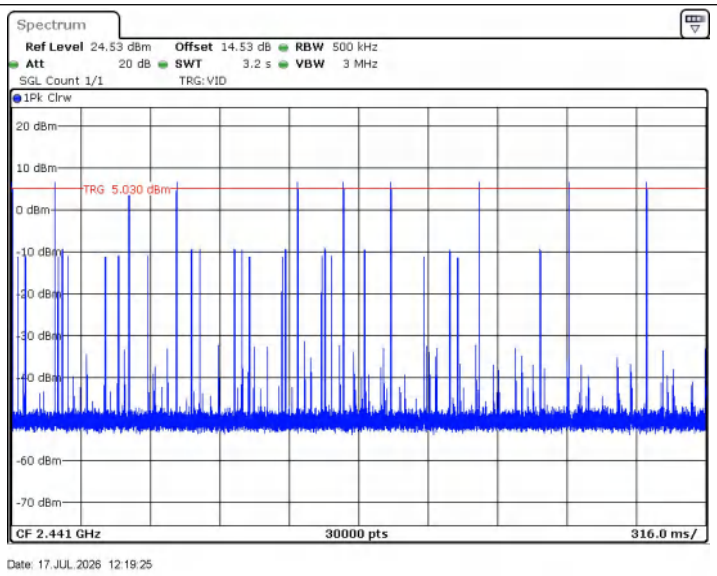
2DH3_Ant1_Hop





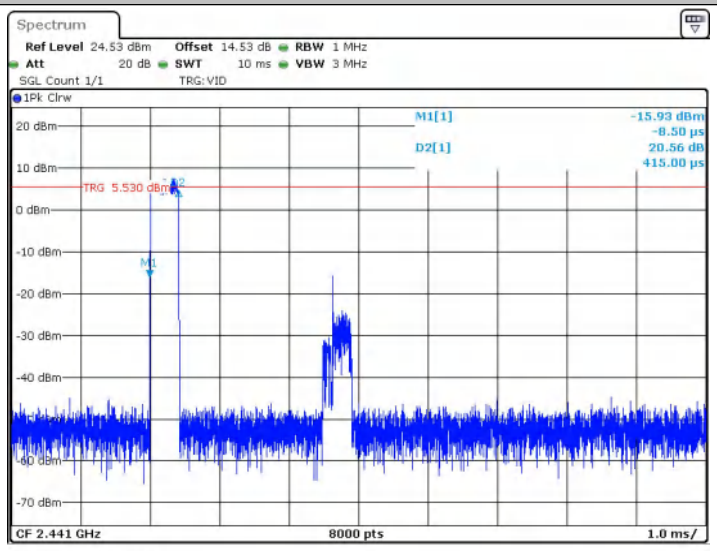
2DH5_Ant1_Hop



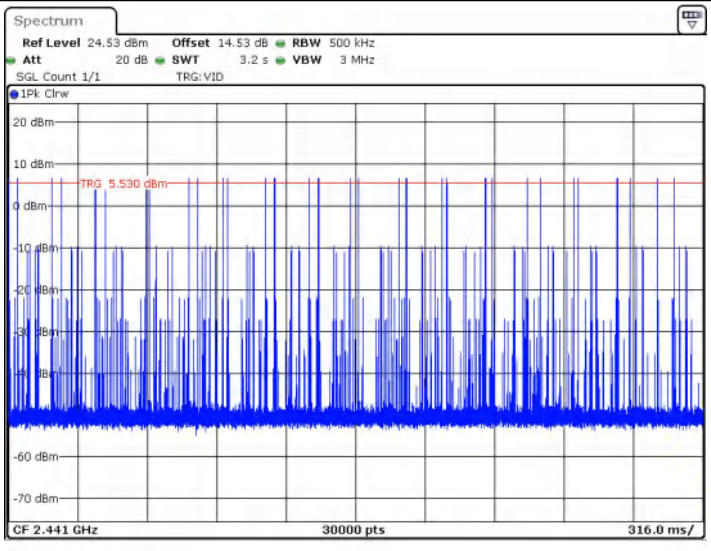


Date: 17.JUL.2026 12:19:25

3DH1_Ant1_Hop

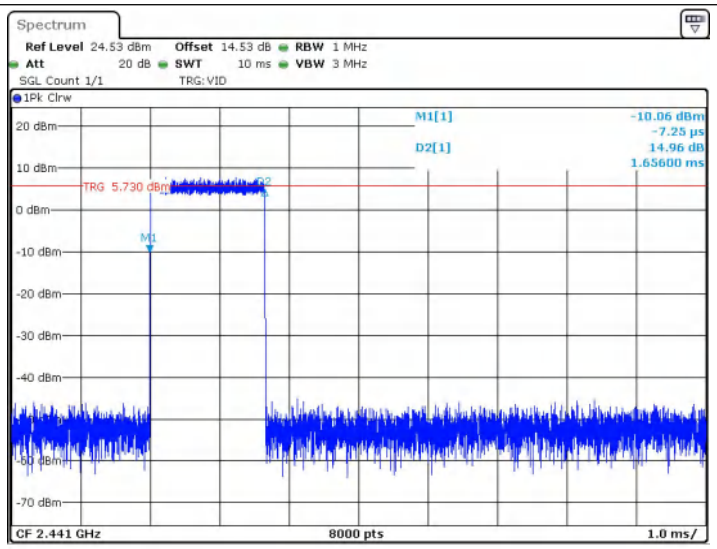


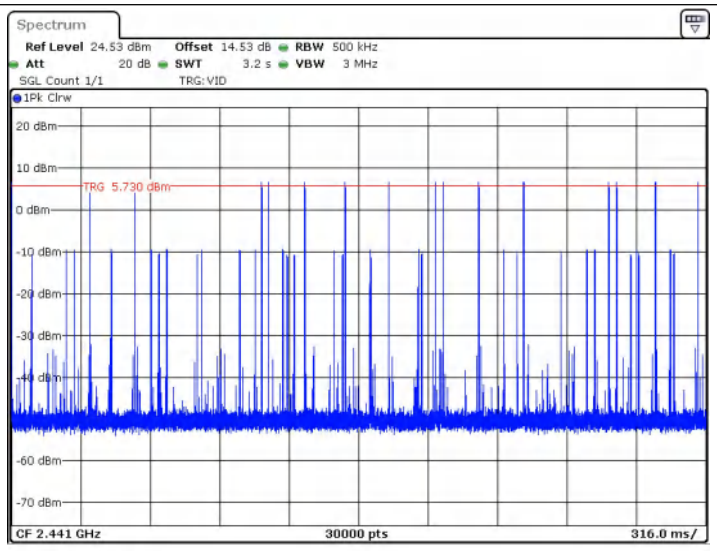
Date: 17.JUL.2026 12:28:45



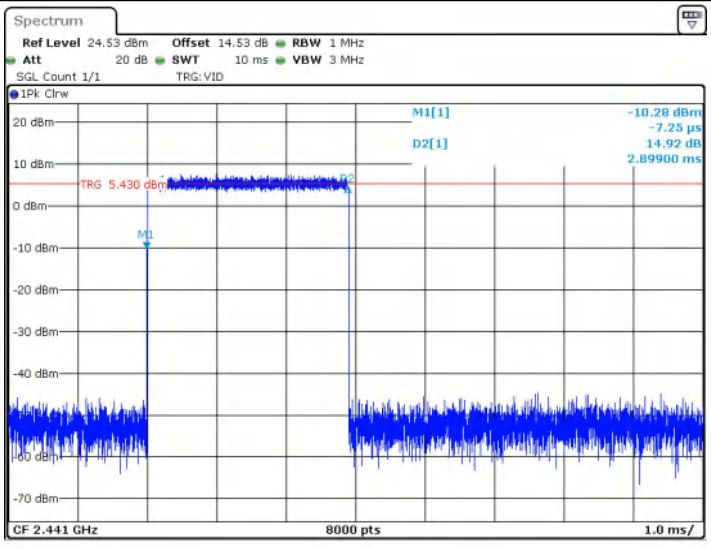
Date: 17.JUL.2026 12:28:50

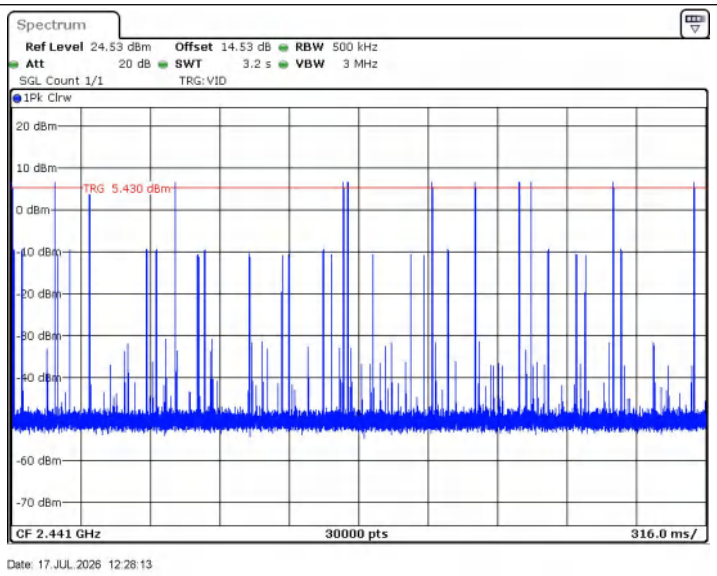
3DH3_Ant1_Hop





3DH5_Ant1_Hop



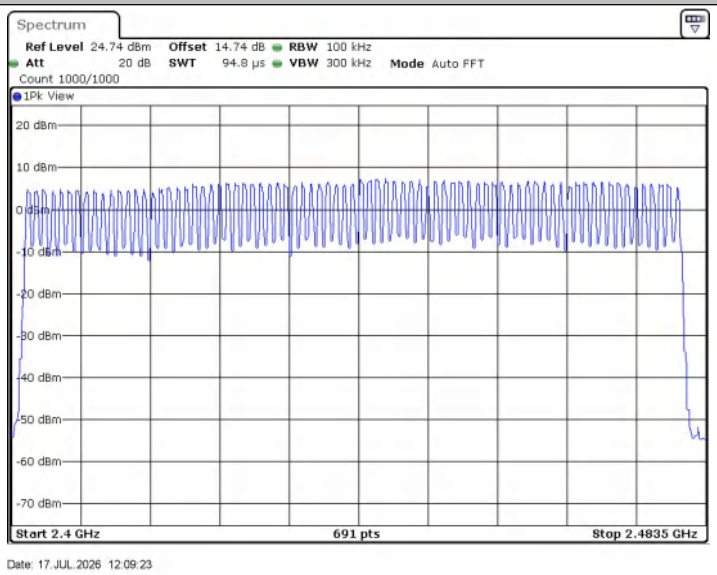
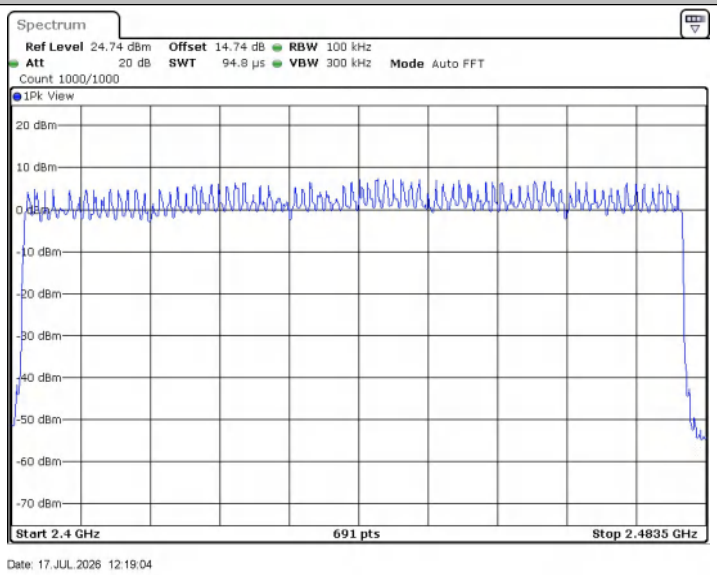

Spectrum
Ref Level 24.53 dBm Offset 14.53 dB RBW 500 kHz
Att 20 dB SWT 3.2 s VBW 3 MHz
SGL Count 1/1 TRG: VID
1Pk Clrw
20 dBm
10 dBm
TRG 5.430 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-60 dBm
-70 dBm
CF 2.441 GHz
30000 pts
316.0 ms/
Date: 17.JUL.2026 12:28:13

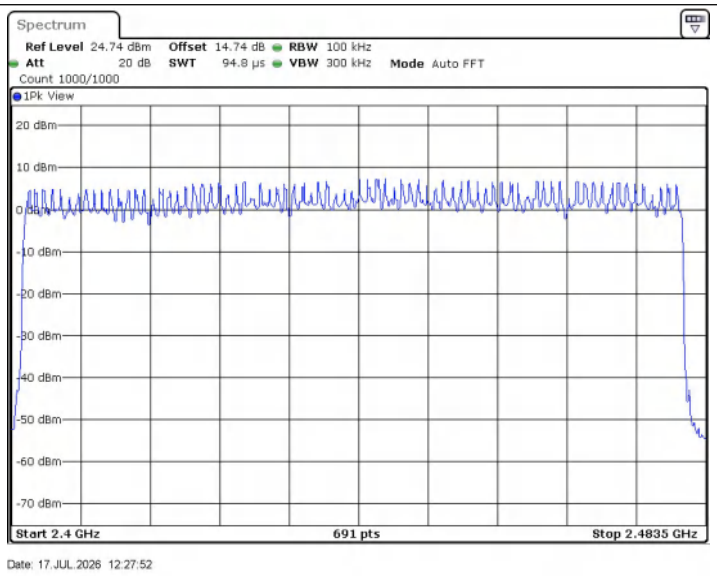
Appendix F: Number of hopping channels

Test Result

TestMode	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Hop	79	≥15	PASS
2DH5	Hop	79	≥15	PASS
3DH5	Hop	79	≥15	PASS

Test Graphs

DH5_Ant1_Hop

2DH5_Ant1_Hop

3DH5_Ant1_Hop


Spectrum
Ref Level 24.74 dBm
Offset 14.74 dB
RBW 100 kHz
Att 20 dB
SWT 94.8 µs
VBW 300 kHz
Mode Auto FFT
Count 1000/1000
1Pk View
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
Start 2.4 GHz
691 pts
Stop 2.4835 GHz
Date: 17.JUL.2026 12:27:52

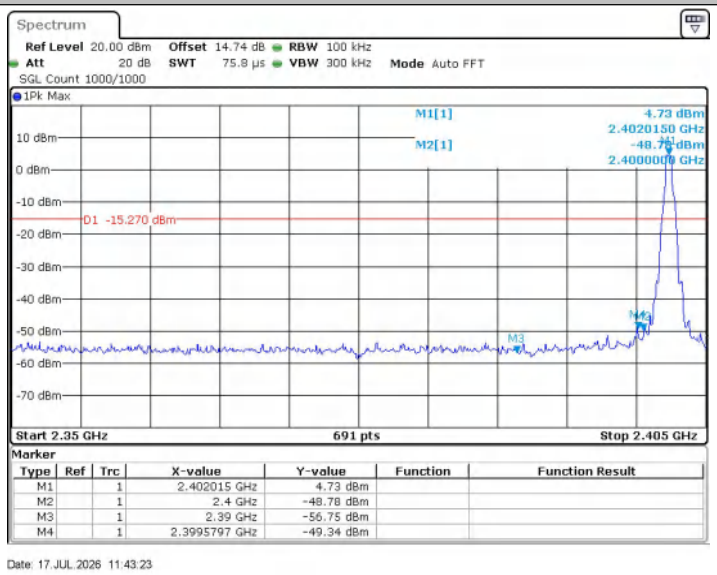
Appendix G: Band edge measurements

Test Result

TestMode	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Low	2402	4.73	-49.34	≤-15.27	PASS
	High	2480	5.68	-49.1	≤-14.32	PASS
	Low	Hop_2402	3.96	-53.27	≤-16.04	PASS
	High	Hop_2480	5.77	-52.15	≤-14.23	PASS
2DH5	Low	2402	4.84	-46.86	≤-15.16	PASS
	High	2480	5.74	-48.53	≤-14.26	PASS
	Low	Hop_2402	3.15	-53.45	≤-16.85	PASS
	High	Hop_2480	5.98	-51.84	≤-14.02	PASS
3DH5	Low	2402	4.82	-50.49	≤-15.18	PASS
	High	2480	5.71	-50	≤-14.29	PASS
	Low	Hop_2402	3.98	-53.27	≤-16.02	PASS
	High	Hop_2480	6.22	-51.77	≤-13.78	PASS

Test Graphs

DH5_Ant1_Low_2402

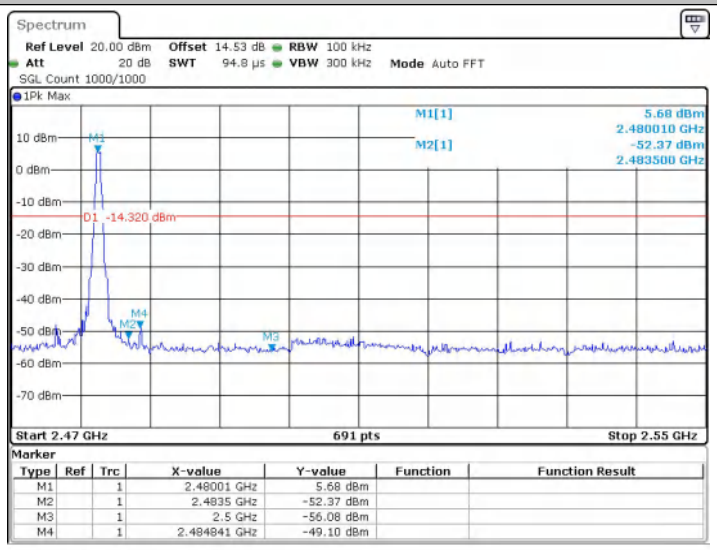


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.402015 GHz	4.73 dBm		
M2		1	2.4 GHz	-48.78 dBm		
M3		1	2.39 GHz	-56.75 dBm		
M4		1	2.3995797 GHz	-49.34 dBm		

Date: 17.JUL.2026 11:43:23

DH5_Ant1_High_2480

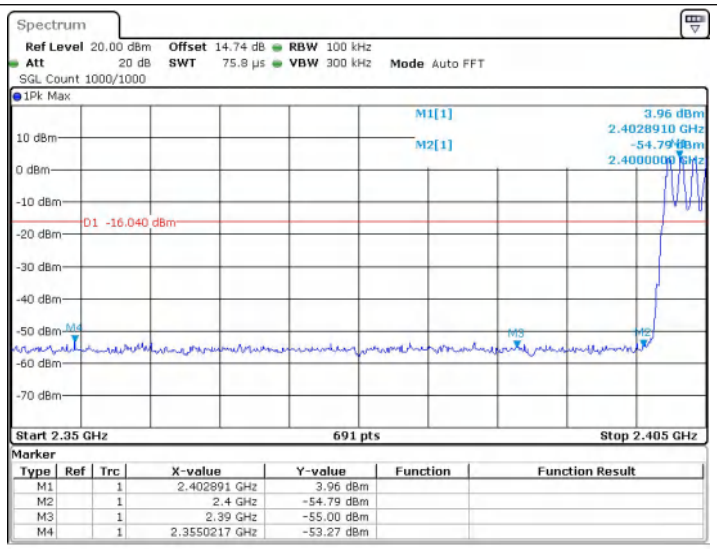


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48001 GHz	5.68 dBm		
M2		1	2.4835 GHz	-52.37 dBm		
M3		1	2.5 GHz	-56.08 dBm		
M4		1	2.484841 GHz	-49.10 dBm		

Date: 17.JUL.2026 11:48:11

DH5_Ant1_Low_Hop_2402

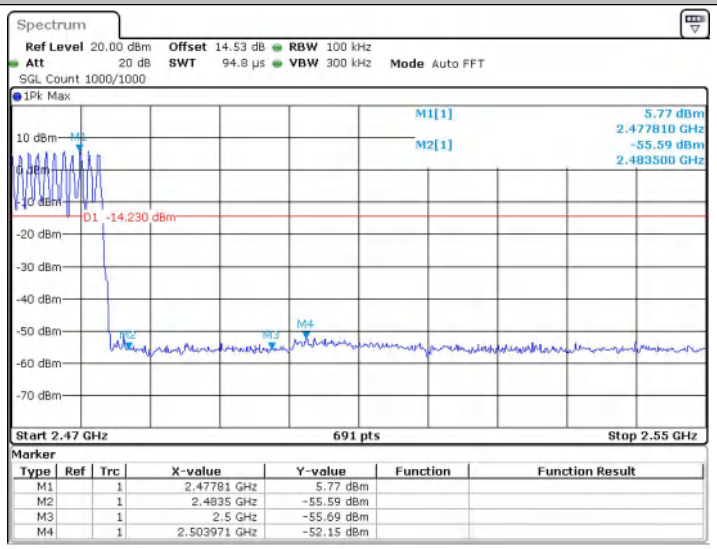


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.402891 GHz	3.96 dBm		
M2		1	2.4 GHz	-54.79 dBm		
M3		1	2.39 GHz	-55.00 dBm		
M4		1	2.3550217 GHz	-53.27 dBm		

Date: 17.JUL.2026 12:05:32

DH5_Ant1_High_Hop_2480

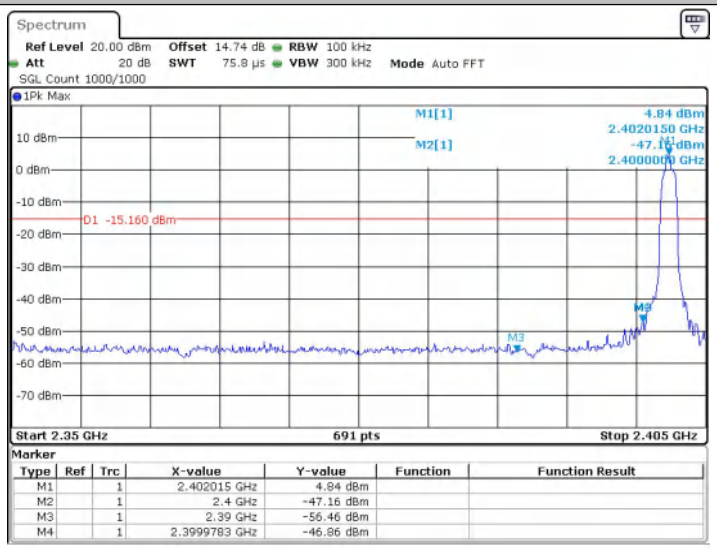


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47781 GHz	5.77 dBm		
M2		1	2.4835 GHz	-55.59 dBm		
M3		1	2.5 GHz	-55.69 dBm		
M4		1	2.503971 GHz	-52.15 dBm		

Date: 17.JUL.2026 12:12:38

2DH5_Ant1_Low_2402

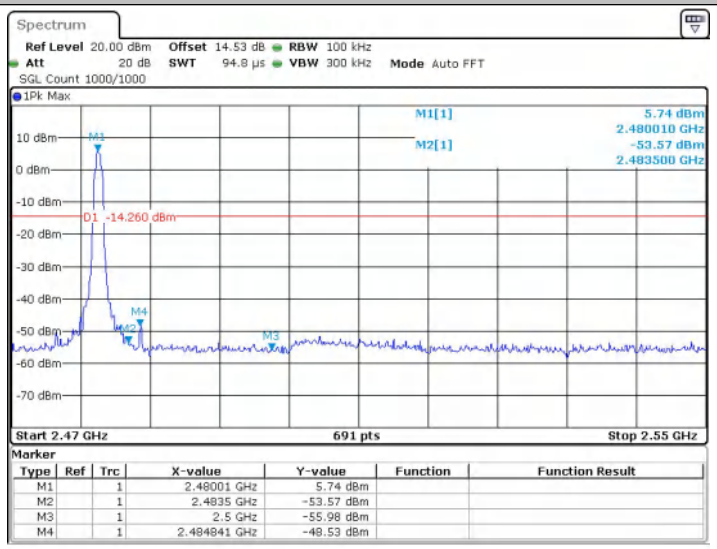


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.402015 GHz	4.84 dBm		
M2		1	2.4 GHz	-47.16 dBm		
M3		1	2.39 GHz	-56.46 dBm		
M4		1	2.3999783 GHz	-46.86 dBm		

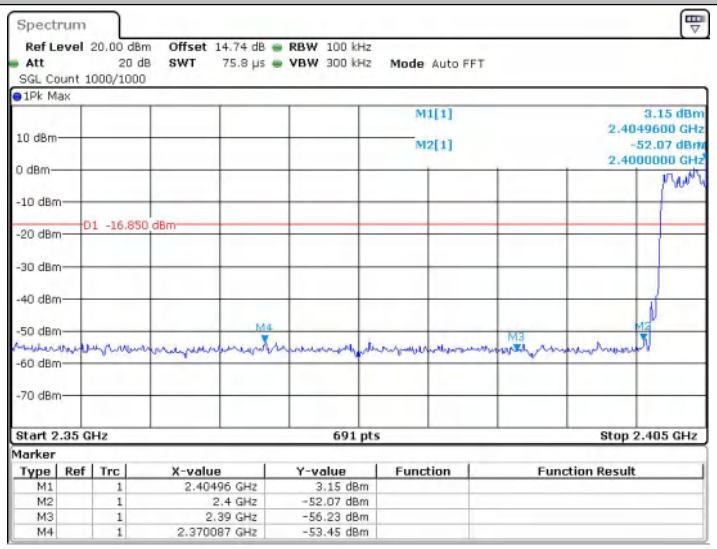
Date: 17.JUL.2026 11:51:47

2DH5_Ant1_High_2480



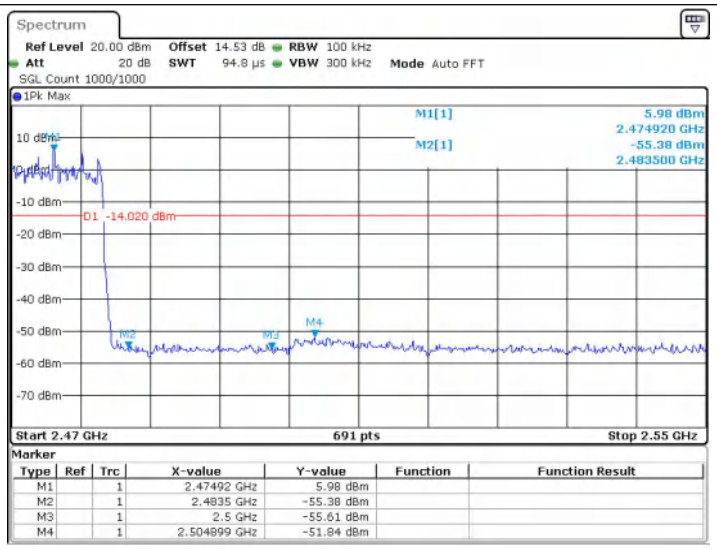
Date: 17.JUL.2026 11:57:28

2DH5_Ant1_Low_Hop_2402



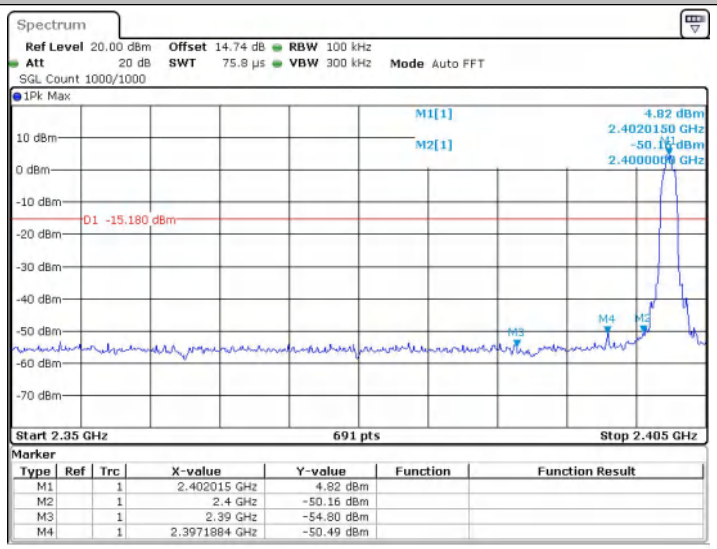
Date: 17.JUL.2026 12:15:08

2DH5_Ant1_High_Hop_2480



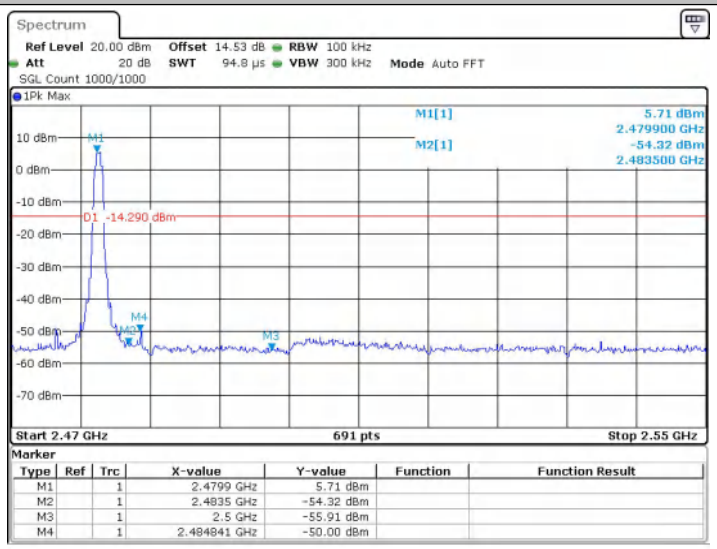
Date: 17.JUL.2026 12:22:22

3DH5_Ant1_Low_2402



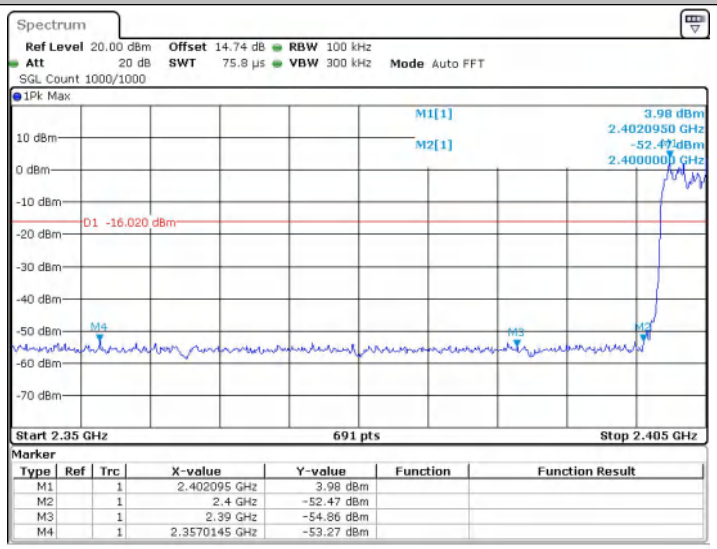
Date: 17.JUL.2026 11:59:48

3DH5_Ant1_High_2480



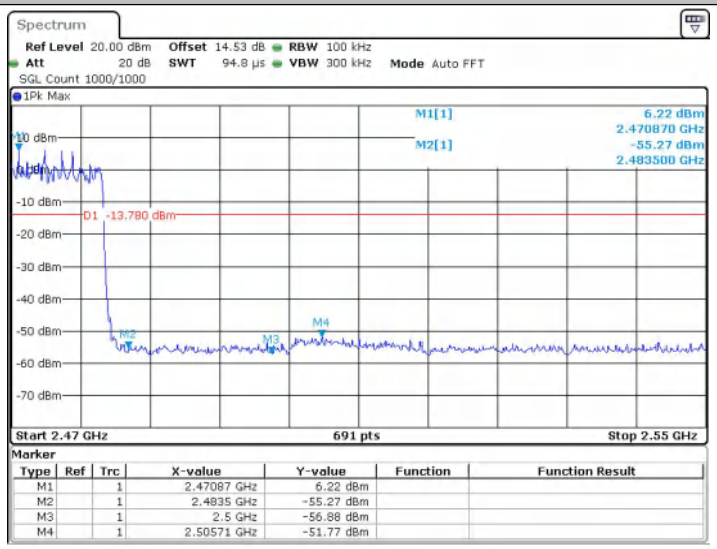
Date: 17.JUL.2026 12:03:25

3DH5_Ant1_Low_Hop_2402



Date: 17.JUL.2026 12:24:01

3DH5_Ant1_High_Hop_2480



Date: 17.JUL.2026 12:32:55

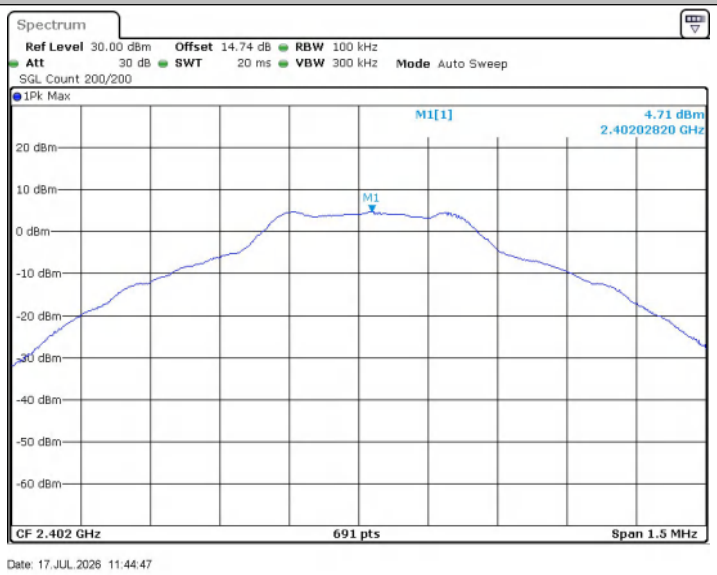
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	2402	Reference	4.71	4.71	---	PASS
		30~1000	4.71	-49.81	≤-15.29	PASS
		1000~26500	4.71	-21.94	≤-15.29	PASS
	2441	Reference	6.39	6.39	---	PASS
		30~1000	6.39	-52.14	≤-13.61	PASS
		1000~26500	6.39	-23.01	≤-13.61	PASS
	2480	Reference	5.61	5.61	---	PASS
		30~1000	5.61	-50.89	≤-14.39	PASS
		1000~26500	5.61	-24.39	≤-14.39	PASS
2DH5	2402	Reference	4.76	4.76	---	PASS
		30~1000	4.76	-51.84	≤-15.24	PASS
		1000~26500	4.76	-26.65	≤-15.24	PASS
	2441	Reference	6.45	6.45	---	PASS
		30~1000	6.45	-52.06	≤-13.55	PASS
		1000~26500	6.45	-26.29	≤-13.55	PASS
	2480	Reference	5.64	5.64	---	PASS
		30~1000	5.64	-51.73	≤-14.36	PASS
		1000~26500	5.64	-25.99	≤-14.36	PASS
3DH5	2402	Reference	4.78	4.78	---	PASS
		30~1000	4.78	-52.67	≤-15.22	PASS
		1000~26500	4.78	-26.72	≤-15.22	PASS
	2441	Reference	6.44	6.44	---	PASS
		30~1000	6.44	-52.28	≤-13.56	PASS
		1000~26500	6.44	-24.29	≤-13.56	PASS
	2480	Reference	5.67	5.67	---	PASS
		30~1000	5.67	-51.65	≤-14.33	PASS
		1000~26500	5.67	-24.94	≤-14.33	PASS

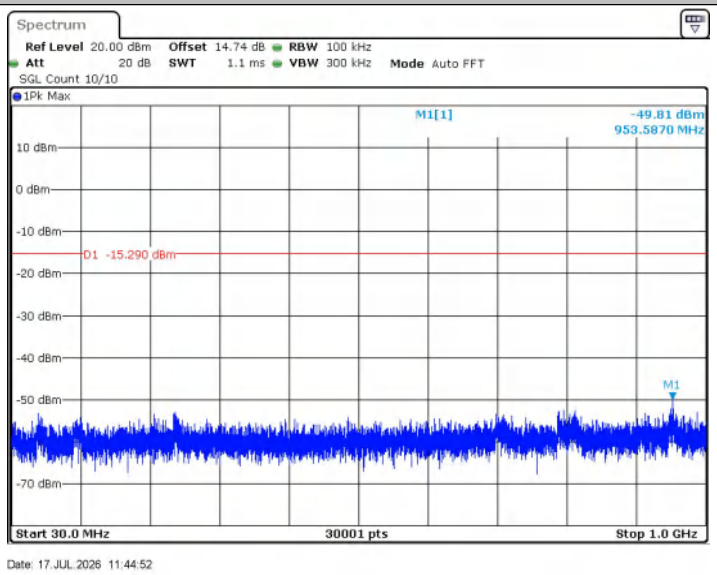
Test Graphs

DH5_Ant1_2402_0~Reference



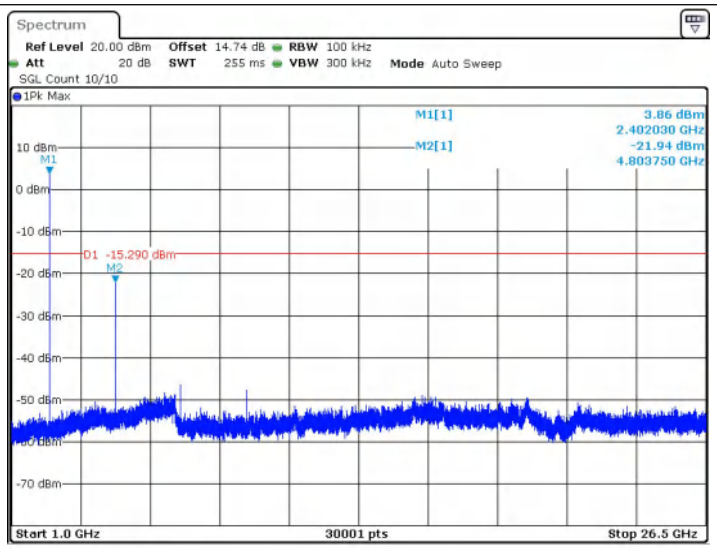
Date: 17.JUL.2026 11:44:47

DH5_Ant1_2402_30~1000



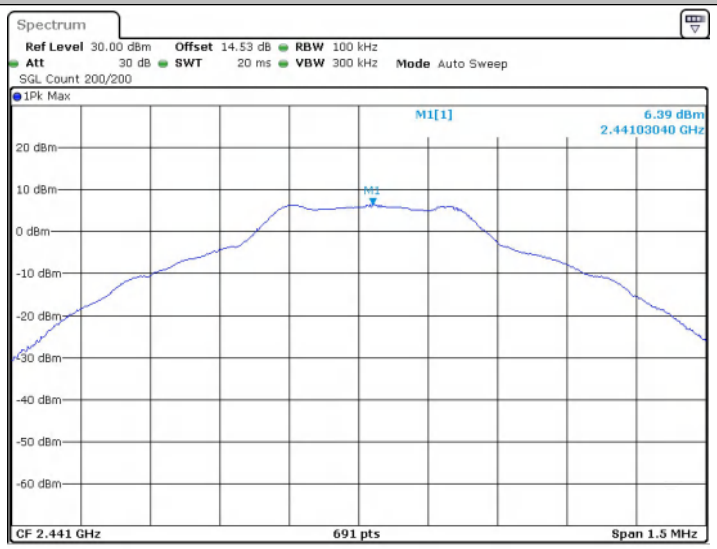
Date: 17.JUL.2026 11:44:52

DH5_Ant1_2402_1000~26500



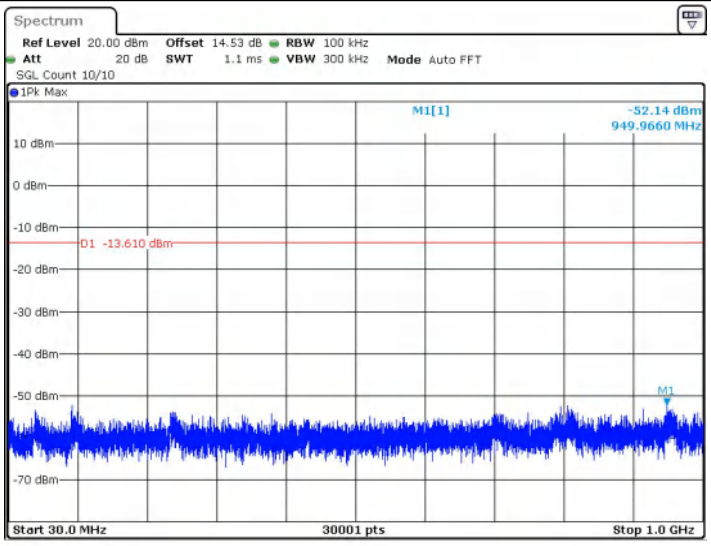
Date: 17.JUL.2026 11:45:02

DH5_Ant1_2441_0~Reference

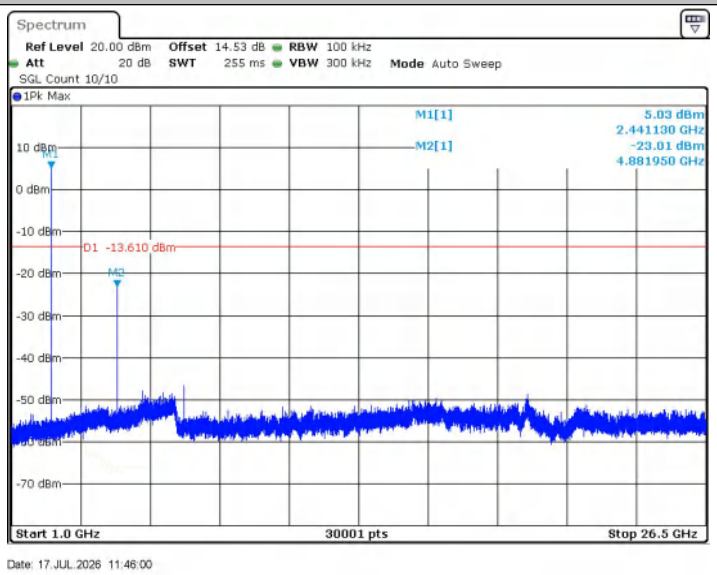
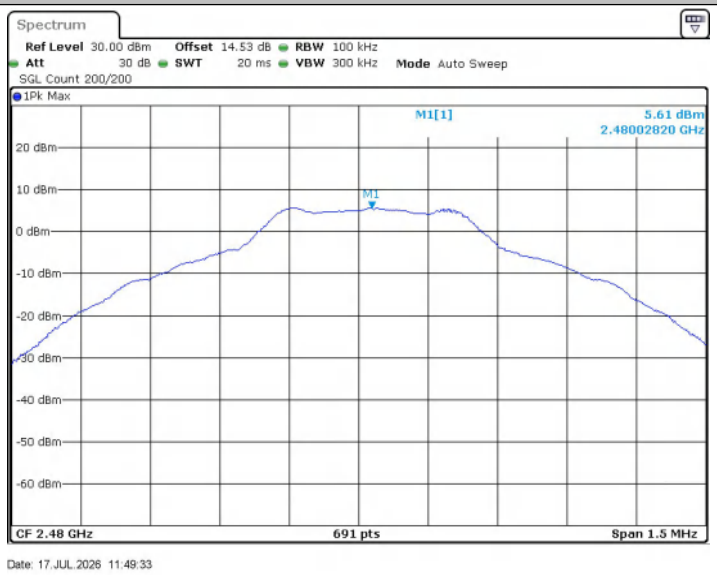


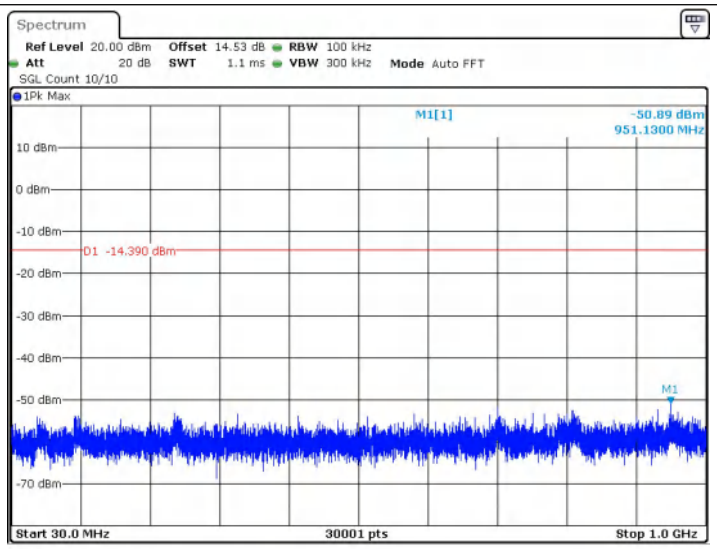
Date: 17.JUL.2026 11:45:45

DH5_Ant1_2441_30~1000



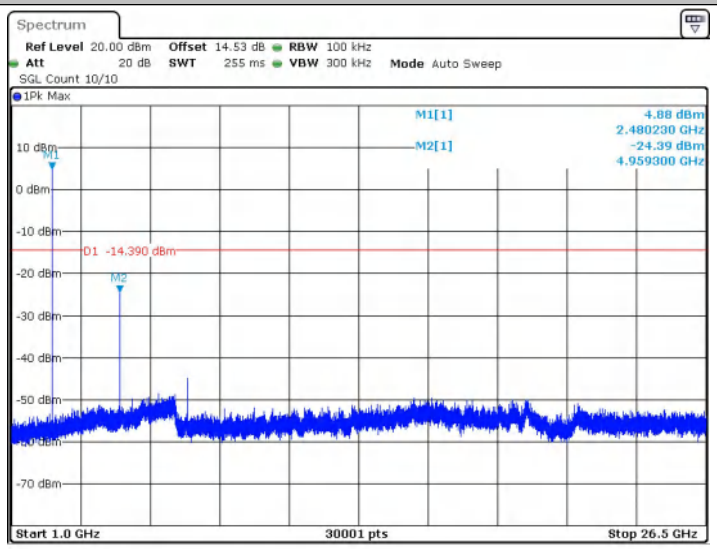
Date: 17.JUL.2026 11:45:49

DH5_Ant1_2441_1000~26500

DH5_Ant1_2480_0~Reference

DH5_Ant1_2480_30~1000



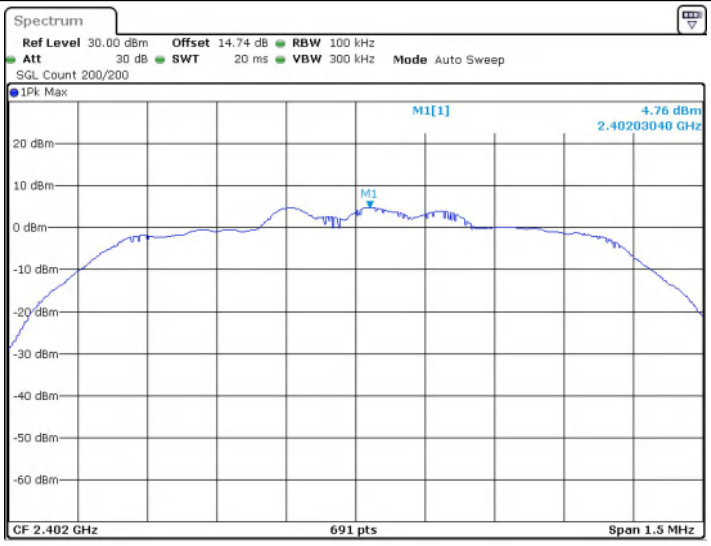
Date: 17.JUL.2026 11:49:37

DH5_Ant1_2480_1000~26500



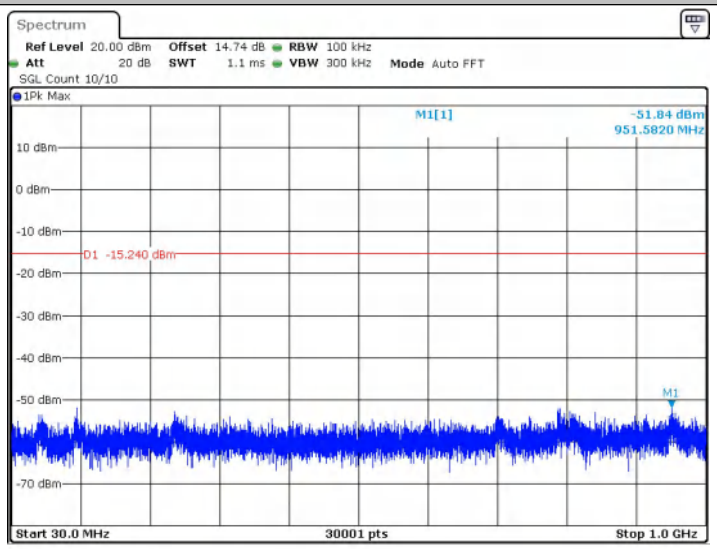
Date: 17.JUL.2026 11:49:48

2DH5_Ant1_2402_0~Reference



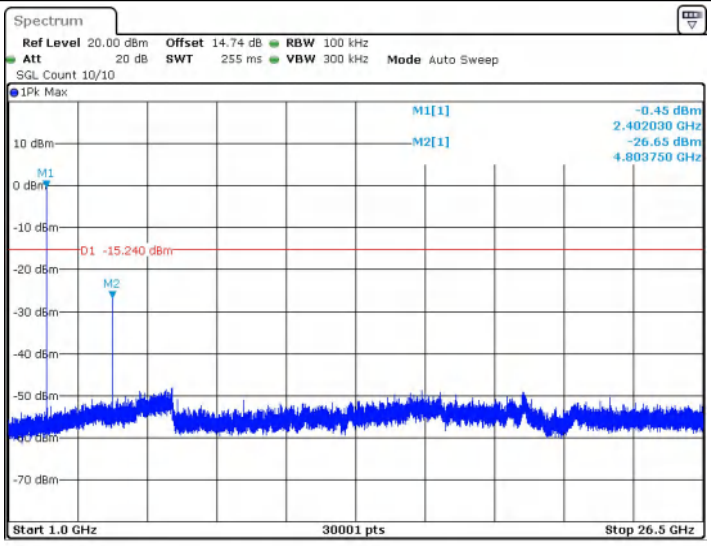
Date: 17.JUL.2026 11:53:11

2DH5_Ant1_2402_30~1000



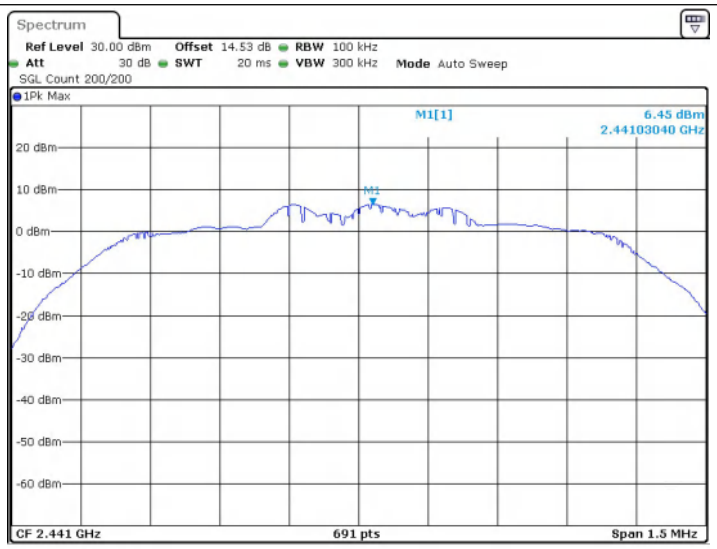
Date: 17.JUL.2026 11:53:15

2DH5_Ant1_2402_1000~26500



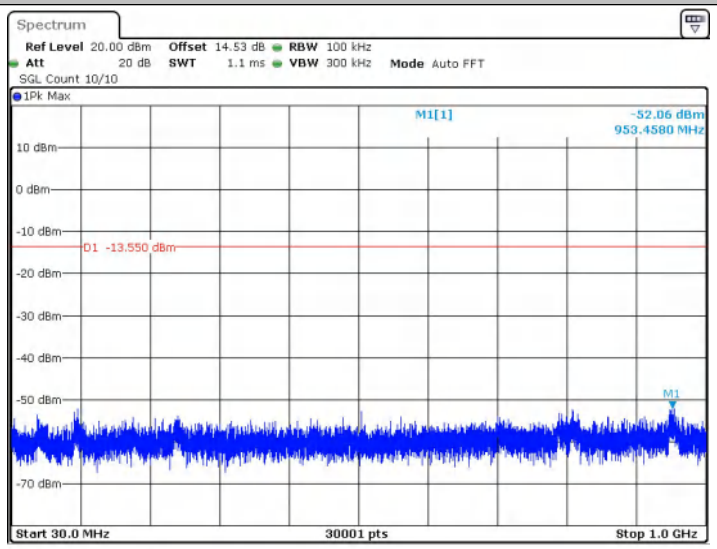
Date: 17.JUL.2026 11:53:26

2DH5_Ant1_2441_0~Reference



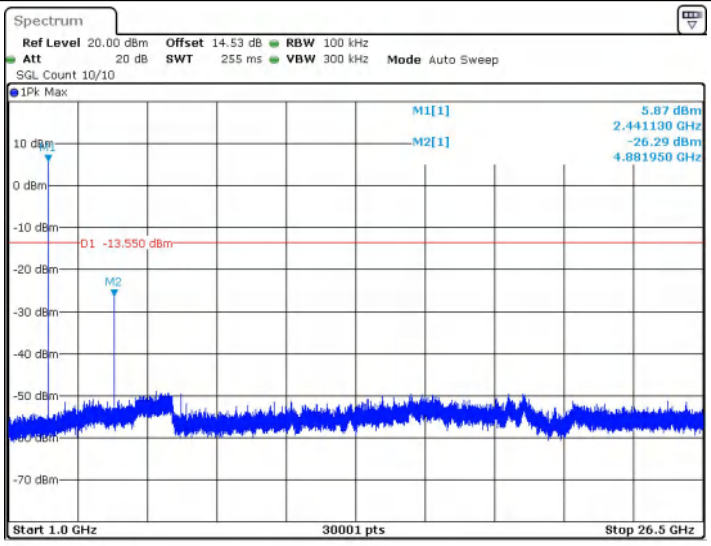
Date: 17.JUL.2026 11:55:18

2DH5_Ant1_2441_30~1000



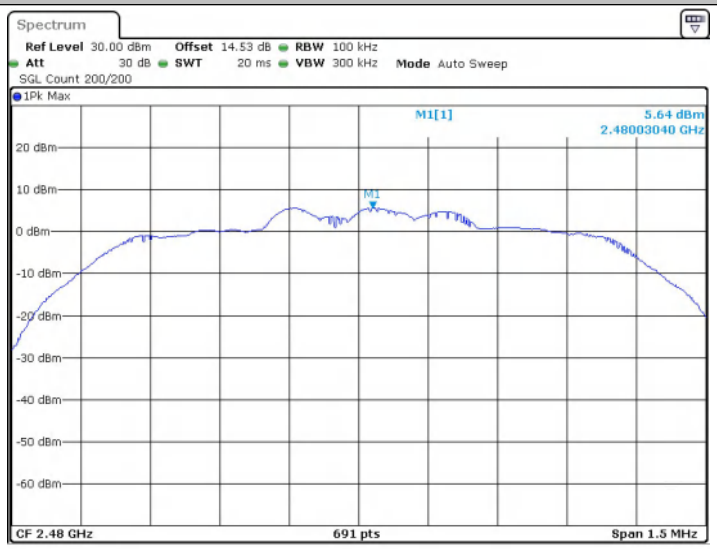
Date: 17.JUL.2026 11:55:23

2DH5_Ant1_2441_1000~26500



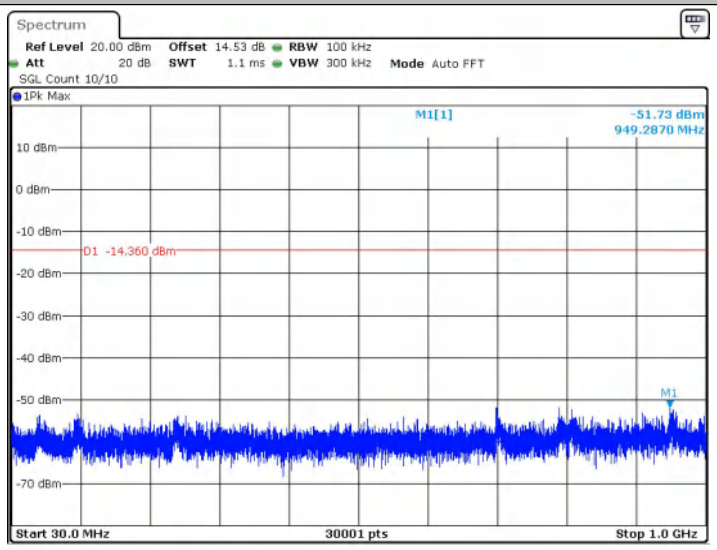
Date: 17.JUL.2026 11:55:33

2DH5_Ant1_2480_0~Reference



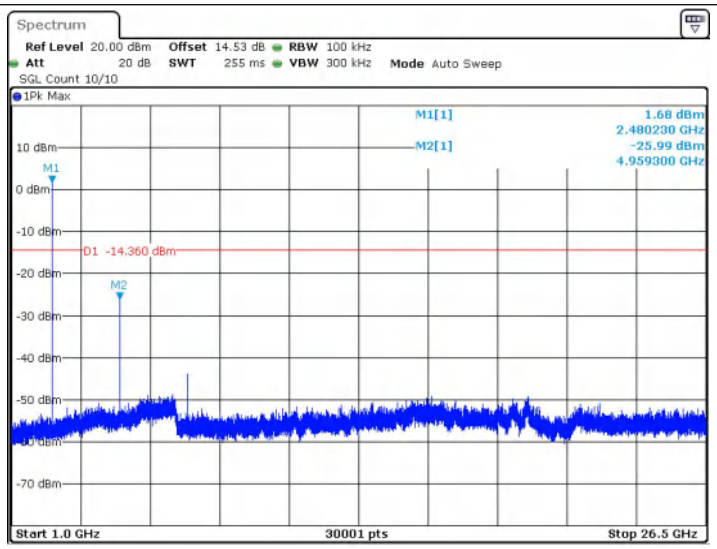
Date: 17.JUL.2026 11:58:50

2DH5_Ant1_2480_30~1000



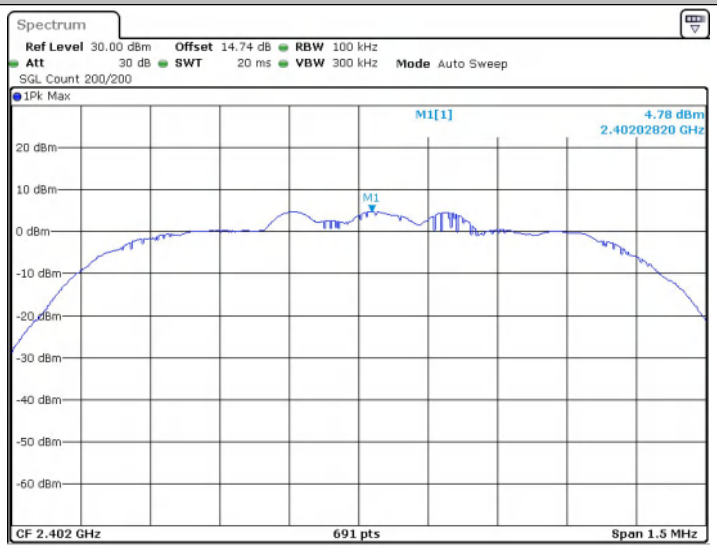
Date: 17.JUL.2026 11:58:54

2DH5_Ant1_2480_1000~26500



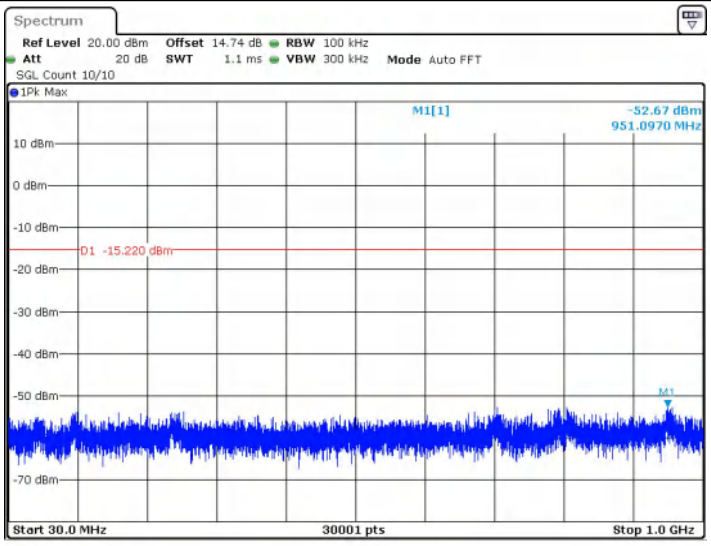
Date: 17.JUL.2026 11:59:05

3DH5_Ant1_2402_0~Reference

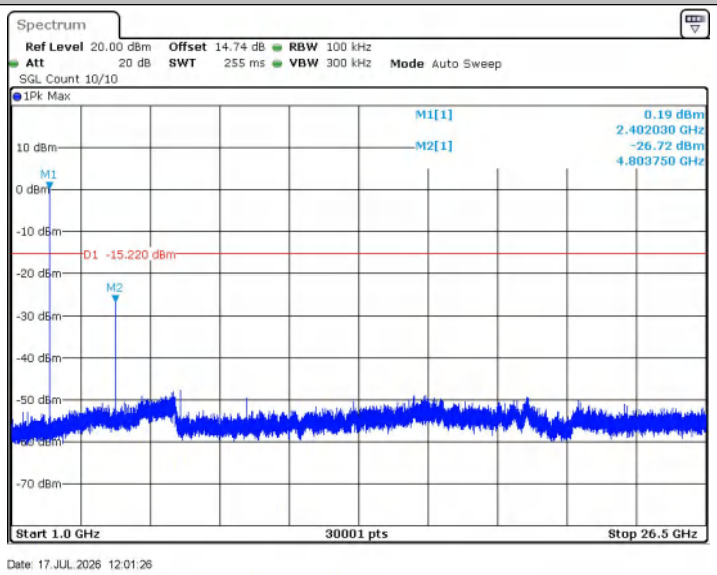
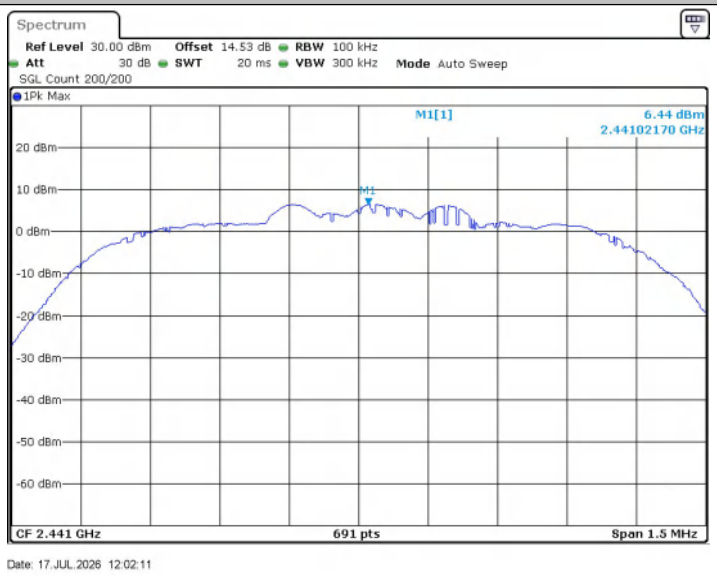


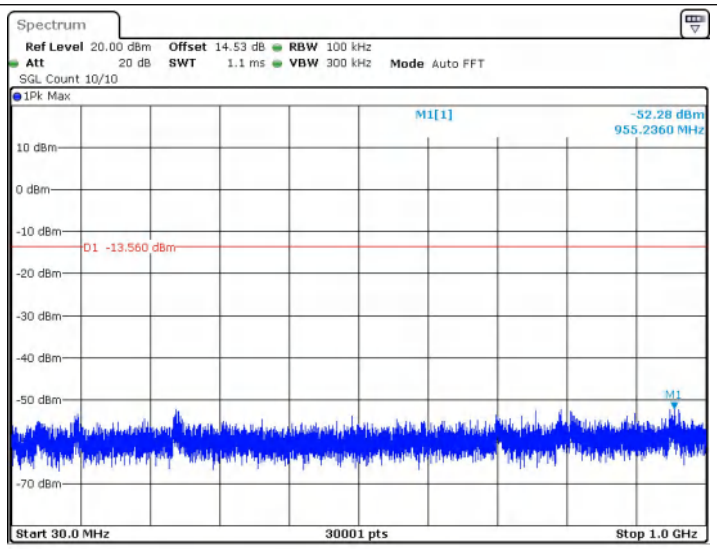
Date: 17.JUL.2026 12:01:11

3DH5_Ant1_2402_30~1000



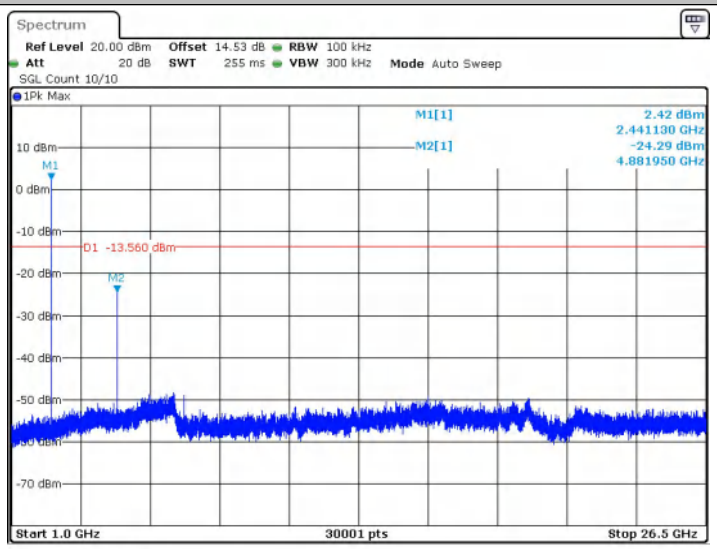
Date: 17.JUL.2026 12:01:16

3DH5_Ant1_2402_1000~26500

3DH5_Ant1_2441_0~Reference

3DH5_Ant1_2441_30~1000



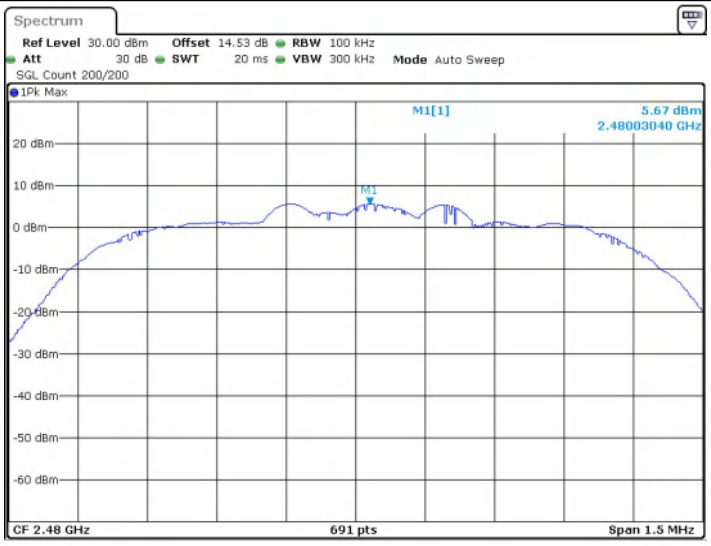
Date: 17.JUL.2026 12:02:15

3DH5_Ant1_2441_1000~26500

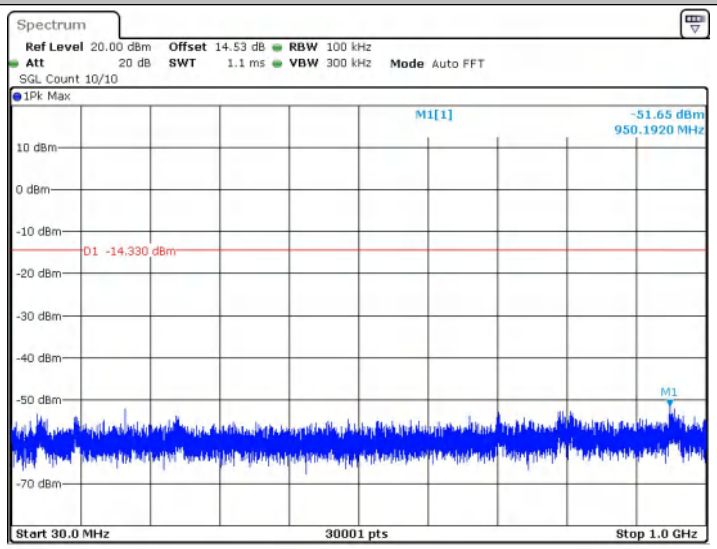
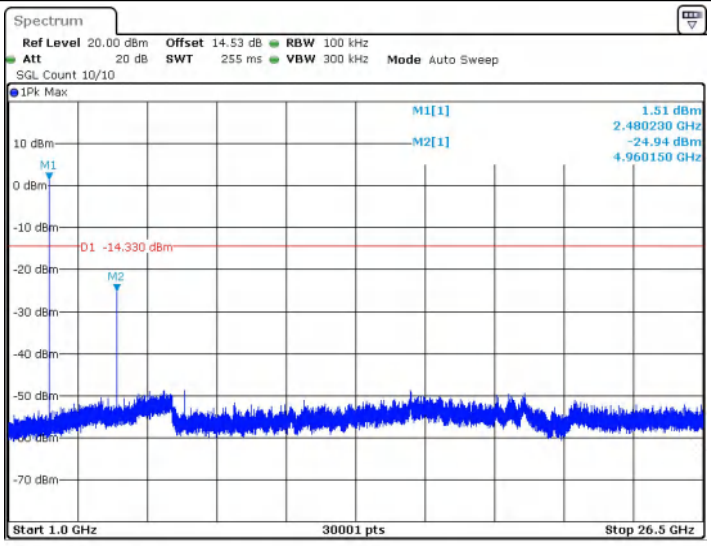


Date: 17.JUL.2026 12:02:26

3DH5_Ant1_2480_0~Reference



Date: 17.JUL.2026 12:04:46

3DH5_Ant1_2480_30~1000

3DH5_Ant1_2480_1000~26500


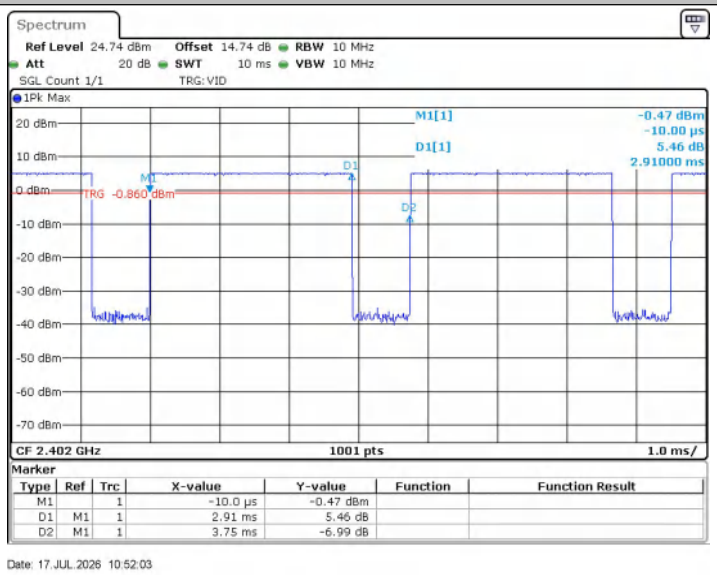
Appendix I: Duty Cycle

Test Result

TestMode	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	2402	2.91	3.75	77.60	1.10	---	---
	2441	2.91	3.75	77.60	1.10	---	---
	2480	2.91	3.75	77.60	1.10	---	---
2DH5	2402	2.92	3.76	77.66	1.10	---	---
	2441	2.92	3.76	77.66	1.10	---	---
	2480	2.92	3.76	77.66	1.10	---	---
3DH5	2402	2.92	3.75	77.87	1.09	---	---
	2441	2.92	3.75	77.87	1.09	---	---
	2480	2.92	3.75	77.87	1.09	---	---

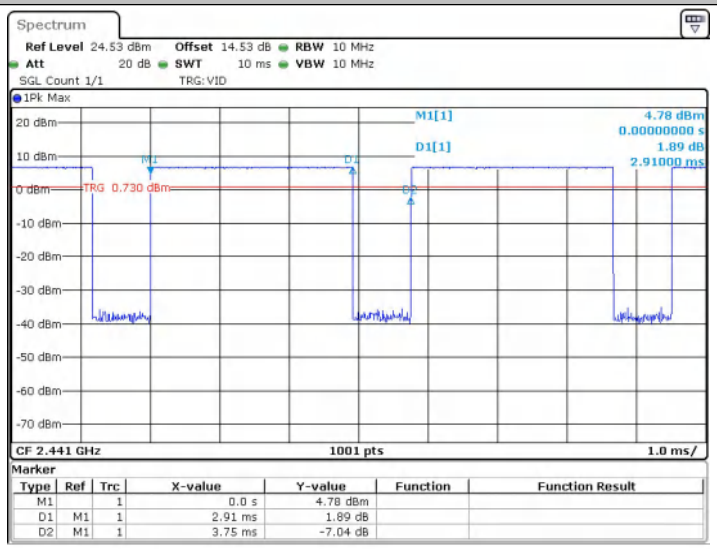
Test Graphs

DH5_Ant1_2402



Date: 17.JUL.2026 10:52:03

DH5_Ant1_2441



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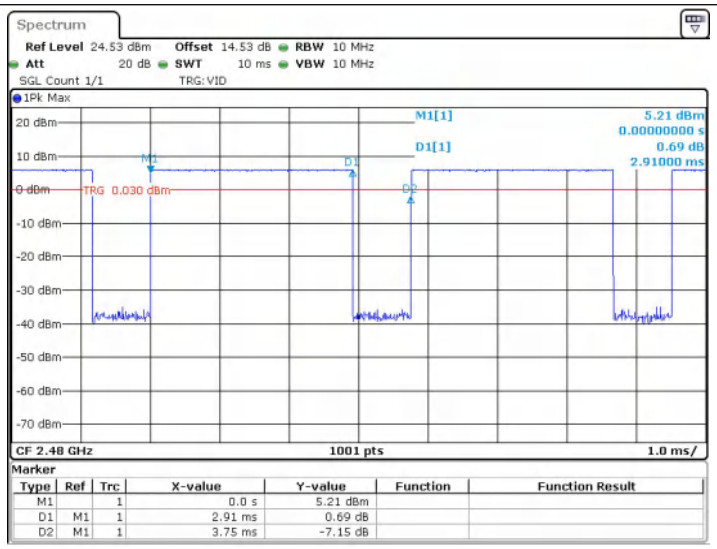

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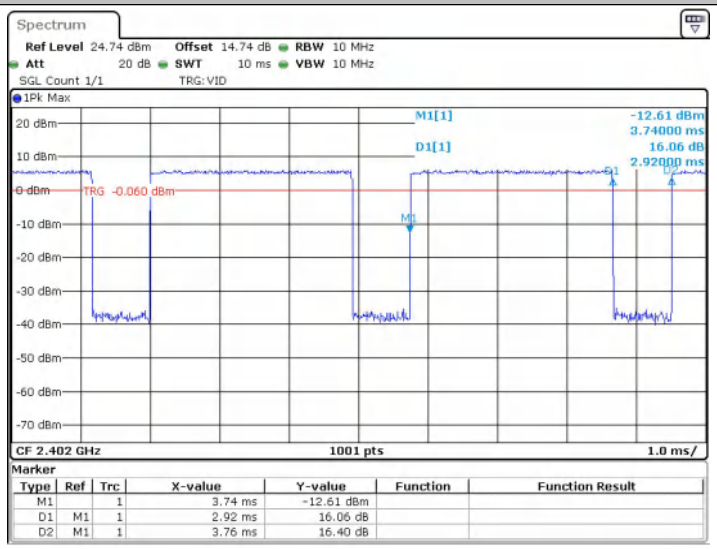

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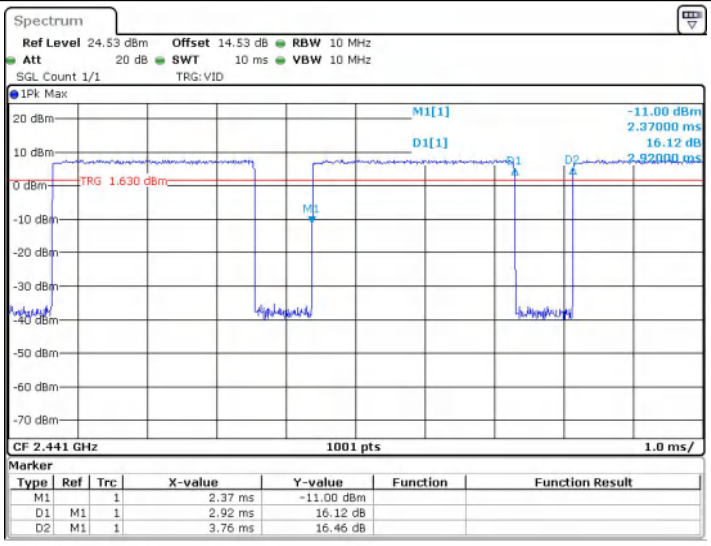

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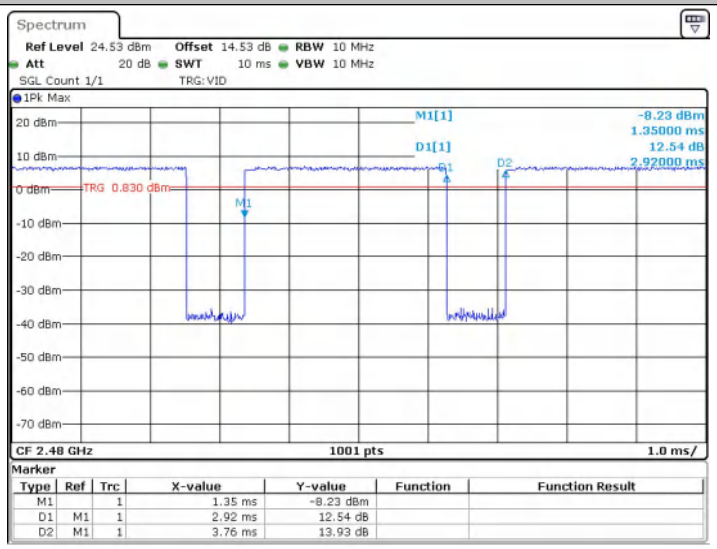

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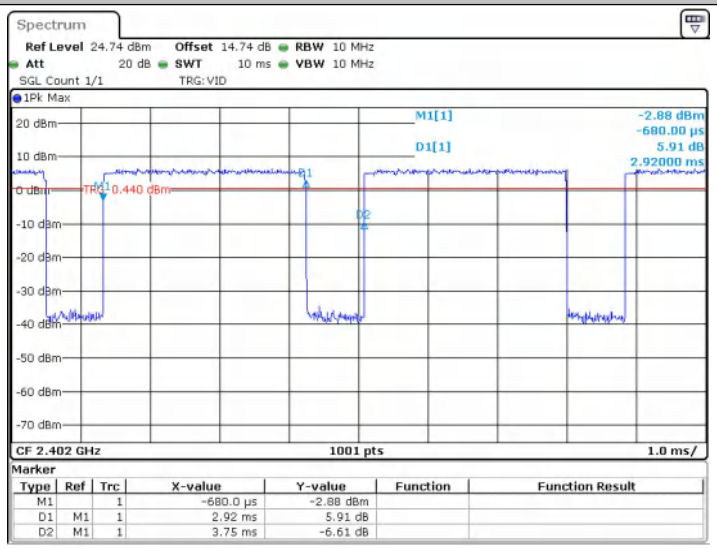

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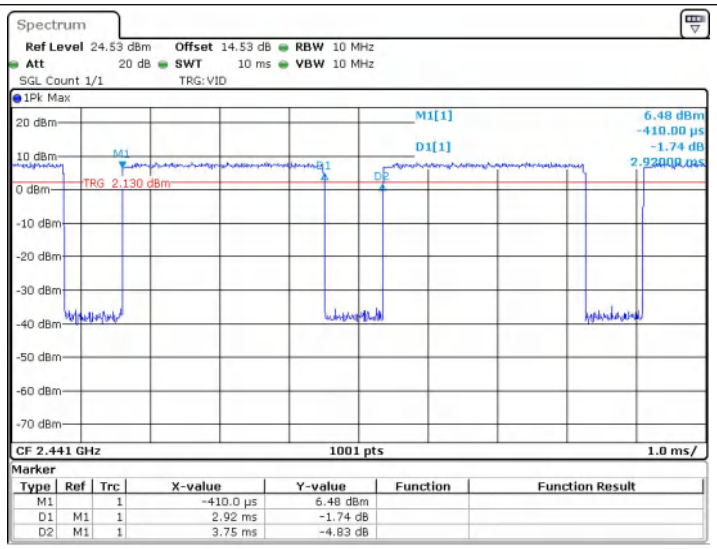

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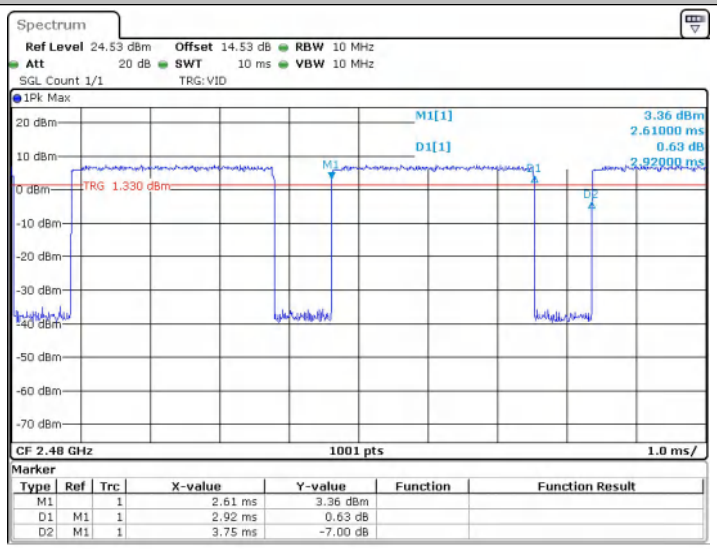

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