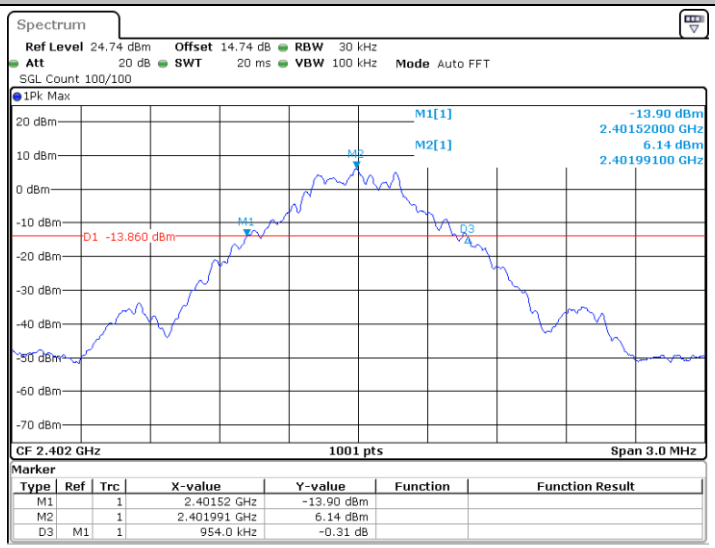
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.95	2401.52	2402.47	---	---
		2441	0.95	2440.52	2441.47	---	---
		2480	0.96	2479.52	2480.47	---	---
2DH5	Ant1	2402	1.18	2401.39	2402.58	---	---
		2441	1.18	2440.39	2441.58	---	---
		2480	1.18	2479.39	2480.58	---	---
3DH5	Ant1	2402	1.20	2401.41	2402.60	---	---
		2441	1.20	2440.40	2441.60	---	---
		2480	1.20	2479.40	2480.60	---	---

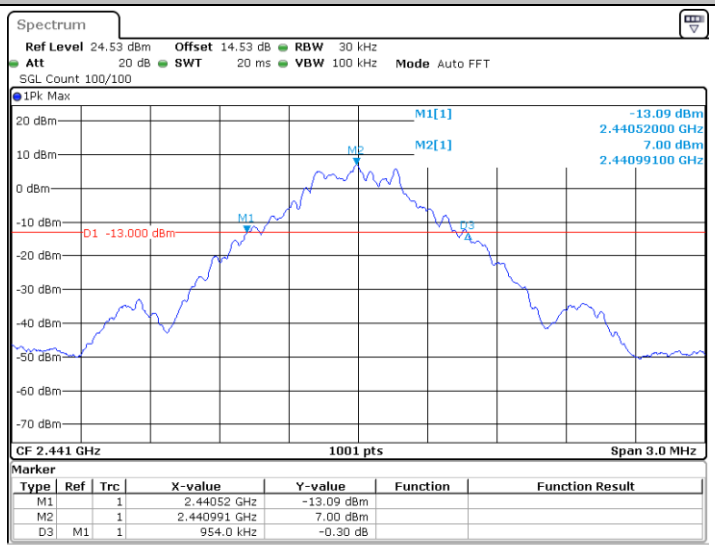
Test Graphs

DH5_Ant1_2402



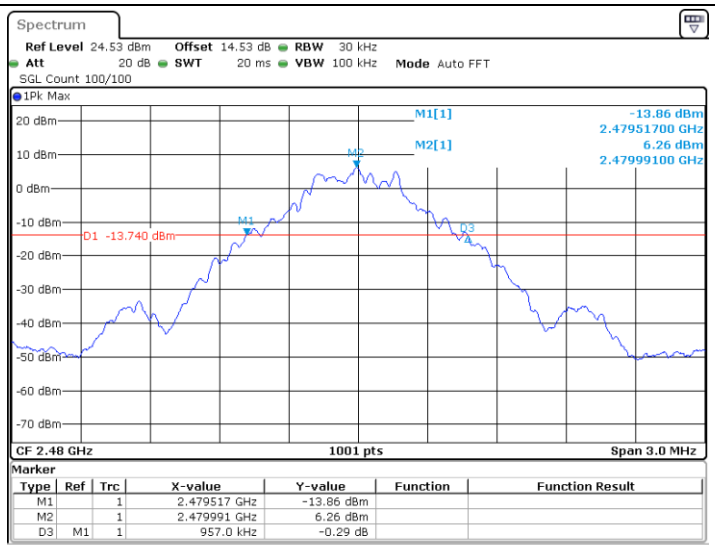
Date: 9.APR.2026 17:44:35

DH5_Ant1_2441



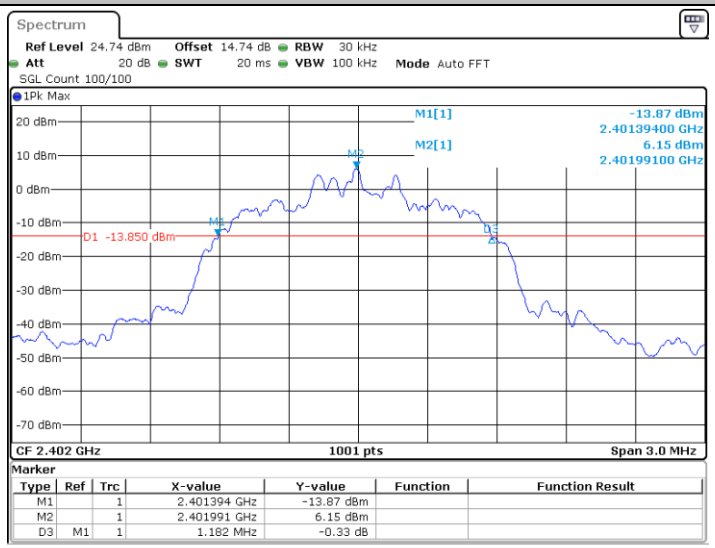
Date: 9.APR.2026 17:47:28

DH5_Ant1_2480



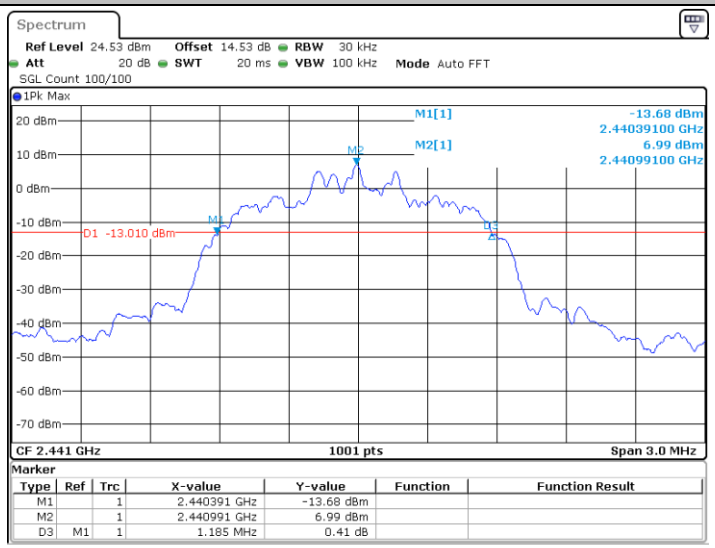
Date: 9.APR.2026 18:18:22

2DH5_Ant1_2402



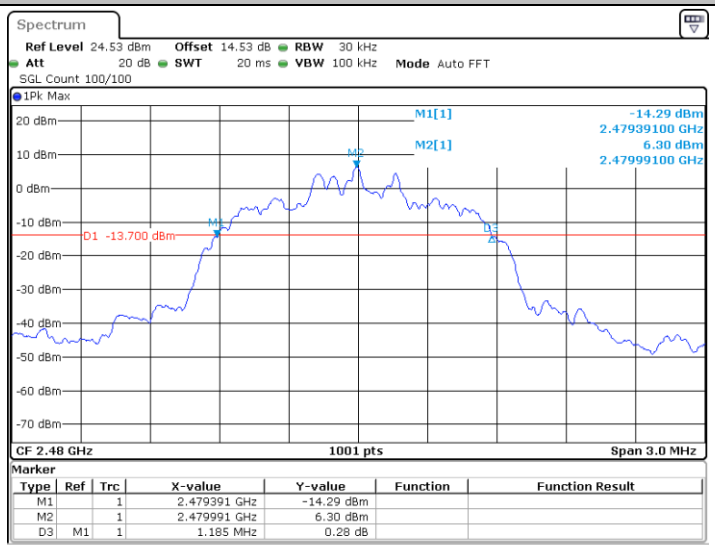
Date: 9.APR.2026 18:25:32

2DH5_Ant1_2441



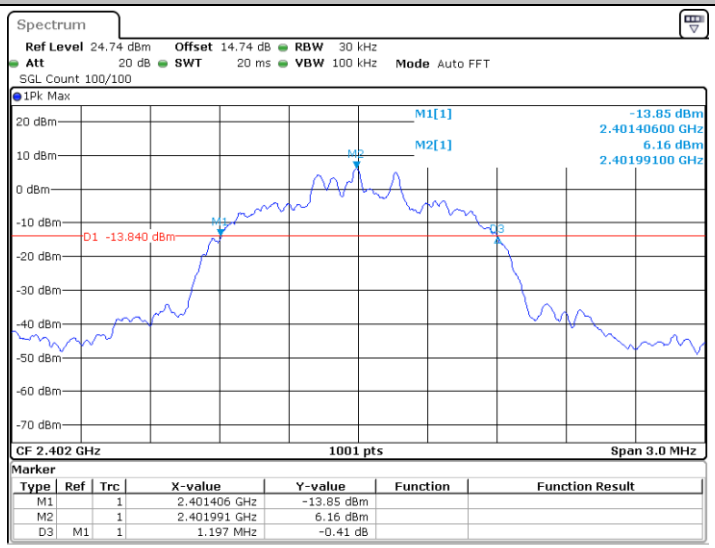
Date: 9.APR.2026 18:28:42

2DH5_Ant1_2480



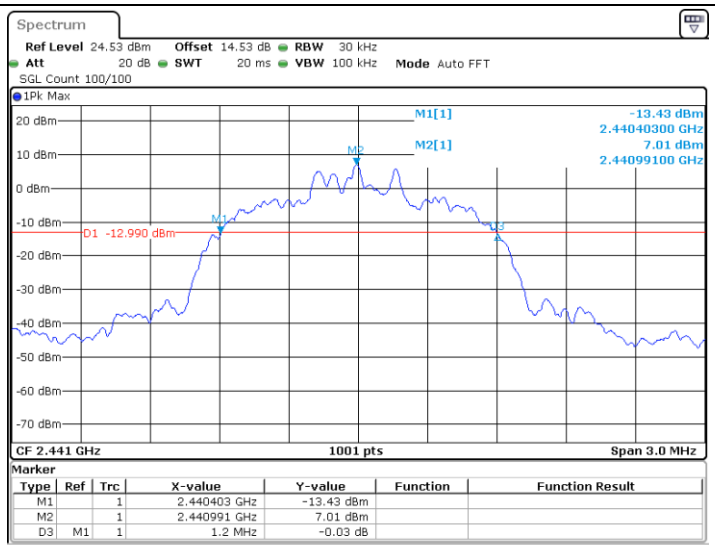
Date: 9.APR.2026 18:31:40

3DH5_Ant1_2402



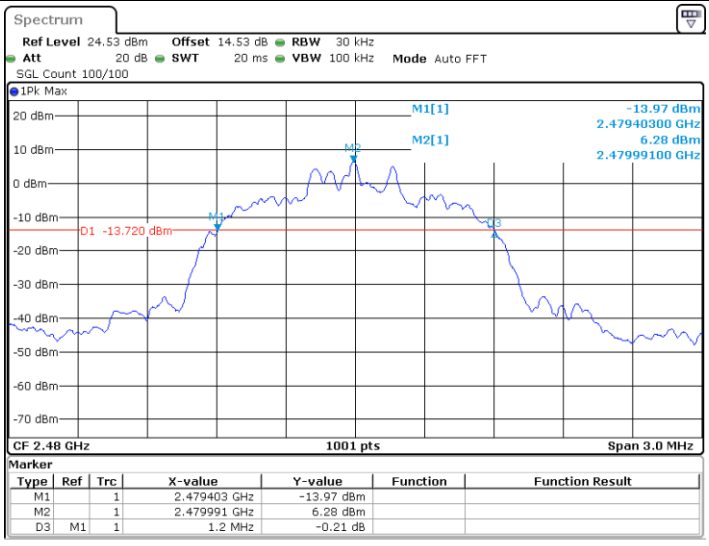
Date: 9.APR.2026 18:34:36

3DH5_Ant1_2441



Date: 9.APR.2026 18:37:38

3DH5_Ant1_2480



Date: 9.APR.2026 18:38:51

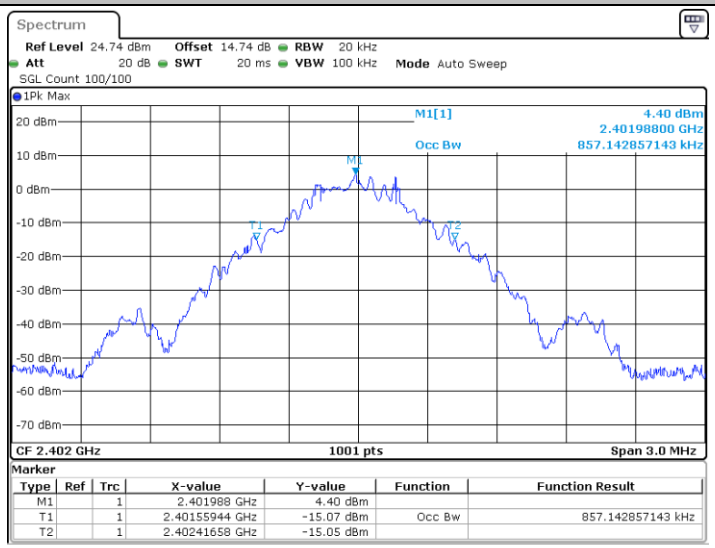
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Freq (MHz)	OCB [MHz]	Limit [MHz]	Verdict
DH5	2402	0.857	---	---
	2441	0.854	---	---
	2480	0.86	---	---
2DH5	2402	1.139	---	---
	2441	1.139	---	---
	2480	1.148	---	---
3DH5	2402	1.139	---	---
	2441	1.133	---	---
	2480	1.139	---	---

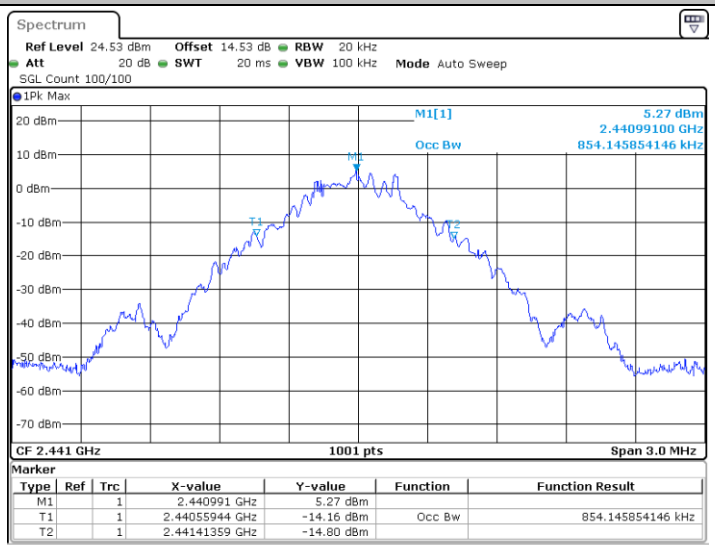
Test Graphs

DH5_Ant1_2402



Date: 9.APR.2026 17:44:41

DH5_Ant1_2441



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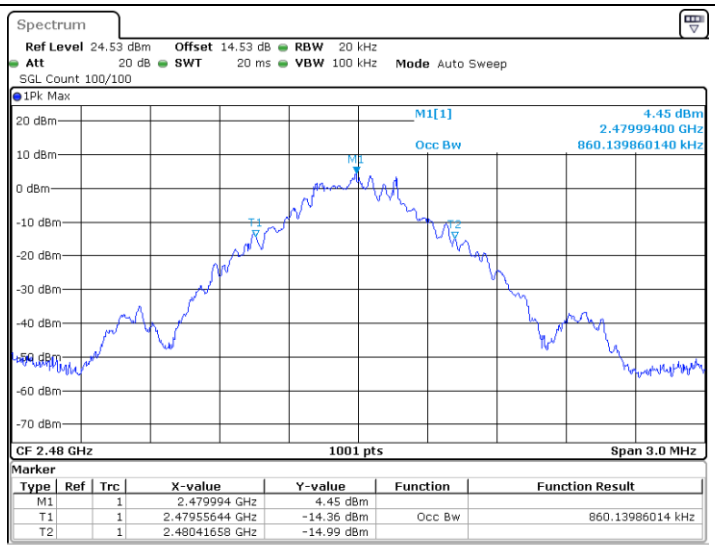
DH5_Ant1_2480



Date: 9.APR.2026 18:18:29

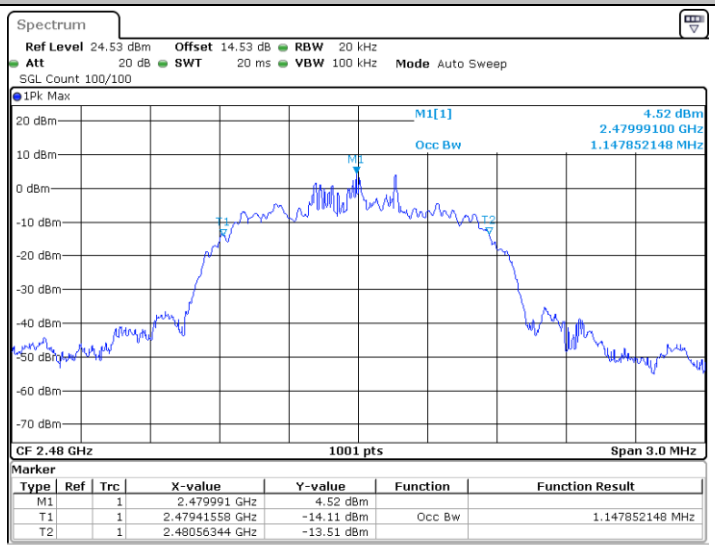
2DH5_Ant1_2402

Date: 9.APR.2026 18:25:38

2DH5_Ant1_2441

Date: 9.APR.2026 18:28:48

2DH5_Ant1_2480

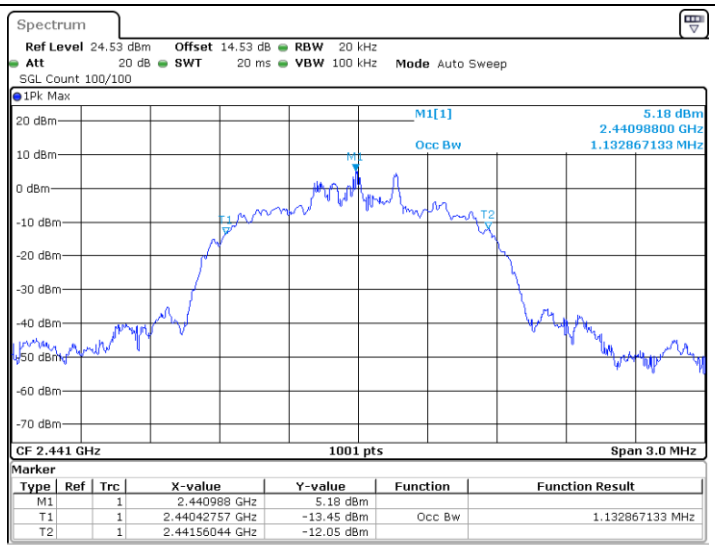


Date: 9.APR.2026 18:31:46

3DH5_Ant1_2402

Date: 9.APR.2026 18:34:42

3DH5_Ant1_2441



Date: 9.APR.2026 18:37:45

3DH5_Ant1_2480

Date: 9.APR.2026 18:38:57

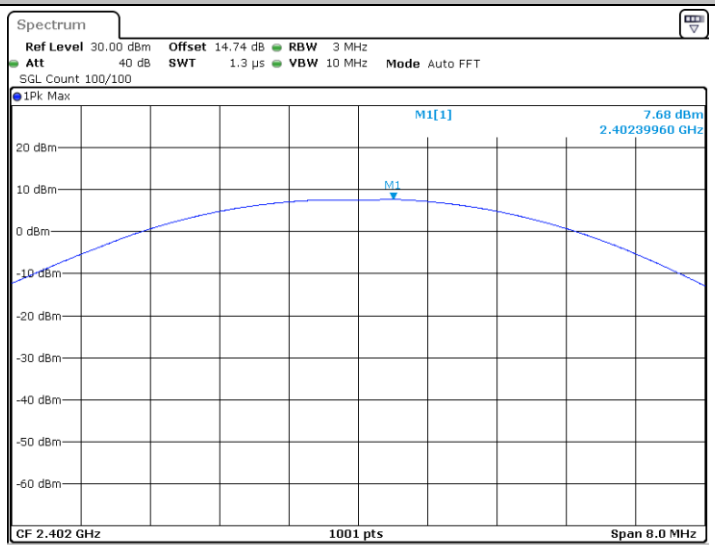
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Freq (MHz)	Conducted Peak Powert [dBm]	Conducted Limit [dBm]	Verdict
DH5	Ant1	2402	7.68	≤30	PASS
		2441	8.45	≤30	PASS
		2480	7.73	≤30	PASS
2DH5	Ant1	2402	7.16	≤30	PASS
		2441	8.16	≤30	PASS
		2480	7.47	≤30	PASS
3DH5	Ant1	2402	7.18	≤30	PASS
		2441	8.15	≤30	PASS
		2480	7.52	≤30	PASS

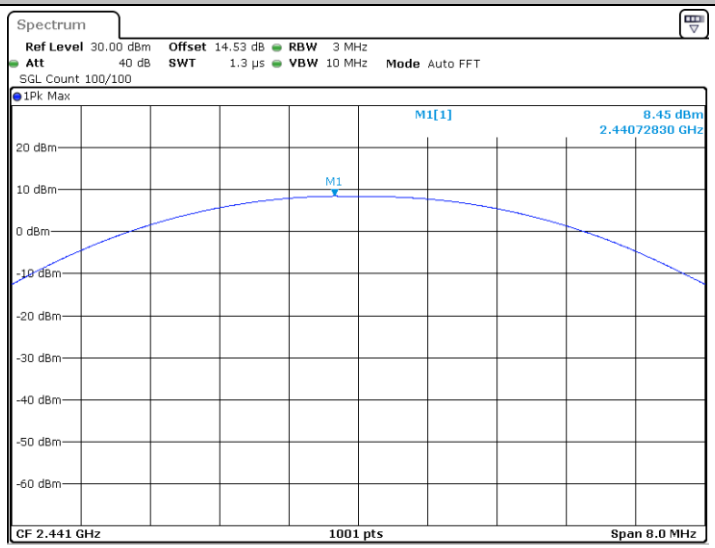
Test Graphs

DH5_Ant1_2402



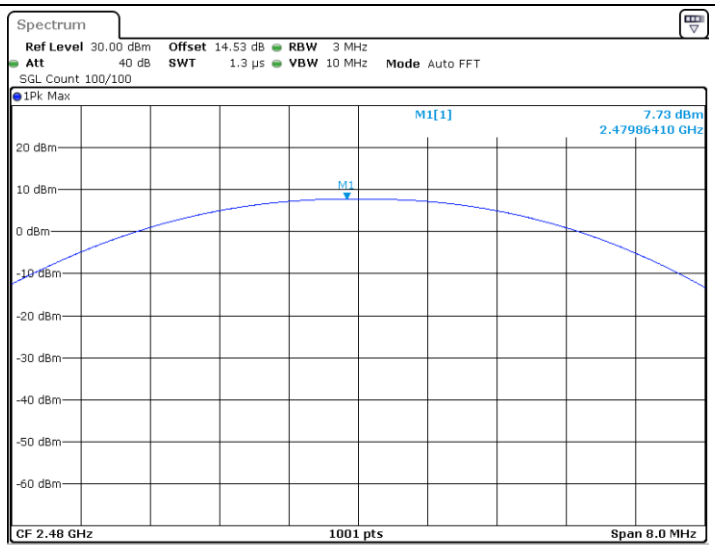
Date: 9.APR.2026 17:36:08

DH5_Ant1_2441



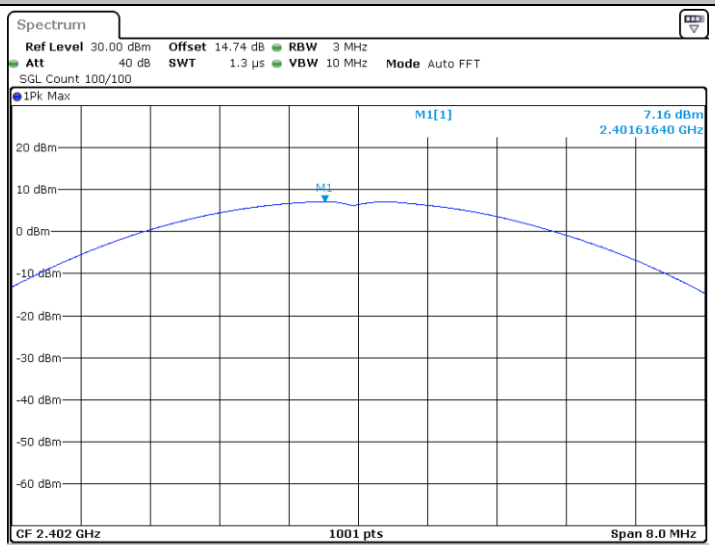
Date: 9.APR.2026 17:36:46

DH5_Ant1_2480



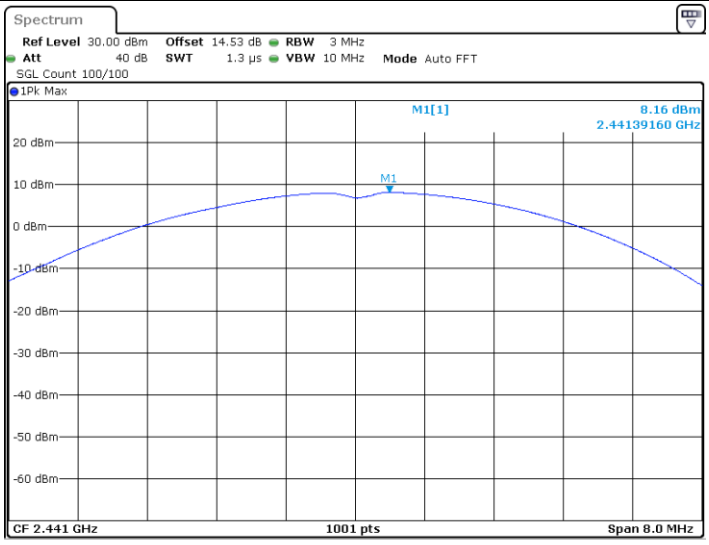
Date: 9.APR.2026 17:37:19

2DH5_Ant1_2402



Date: 9.APR.2026 17:38:19

2DH5_Ant1_2441



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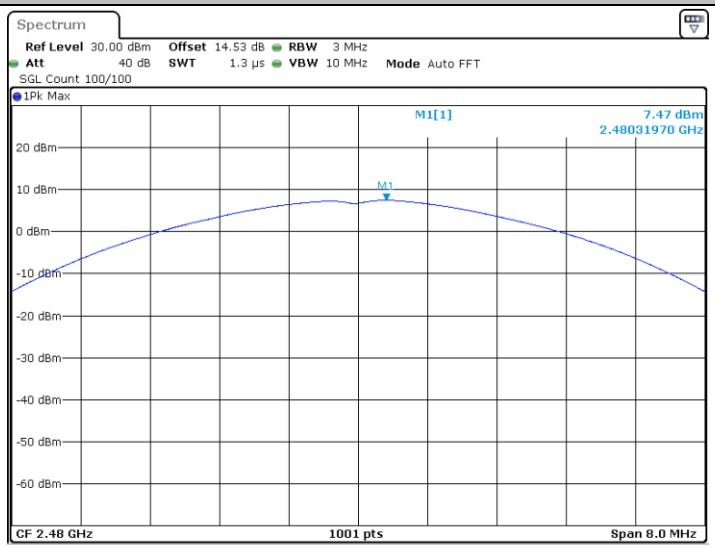 Date: 9.APR.2026 17:40:19
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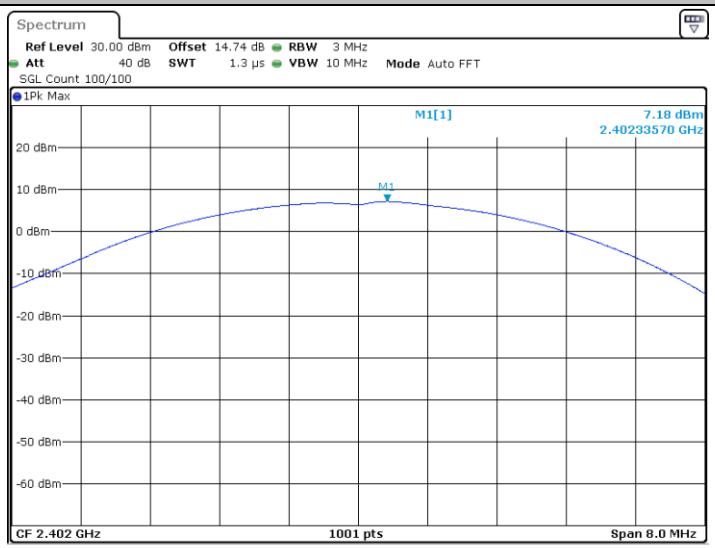 Date: 9.APR.2026 17:41:42
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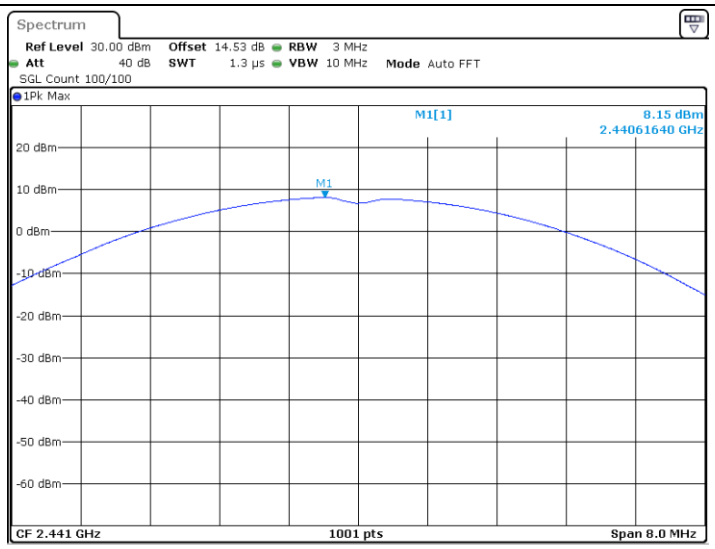

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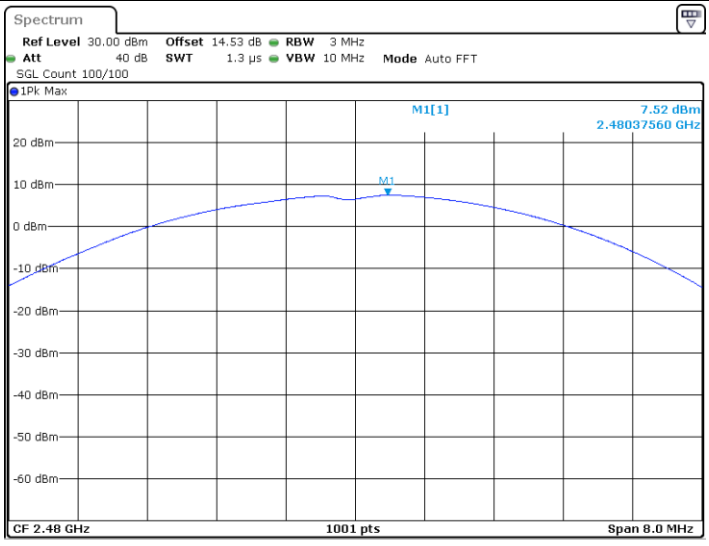
3DH5_Ant1_2480



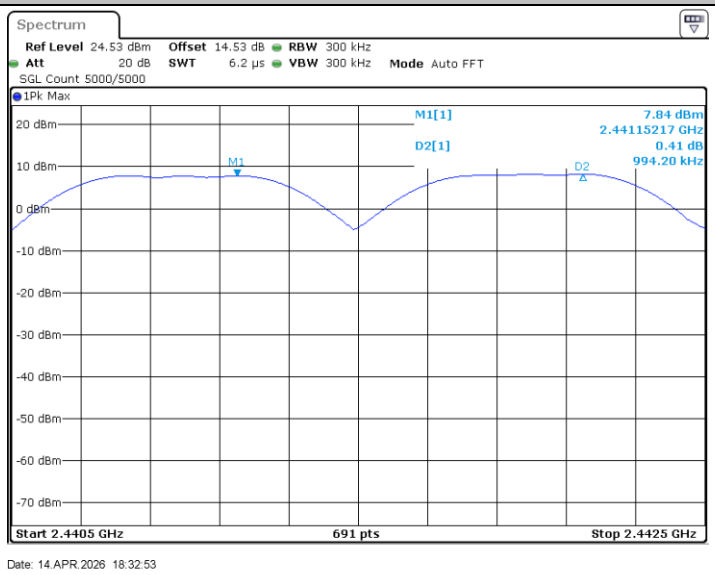
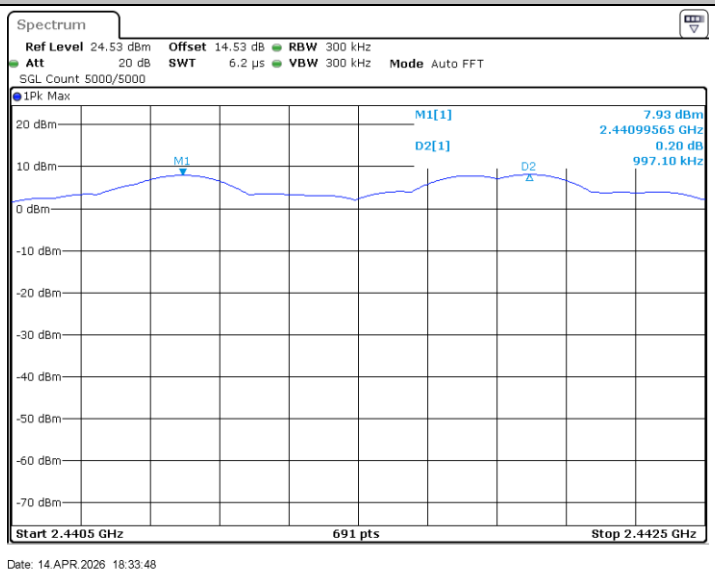
Date: 9.APR.2026 17:44:03

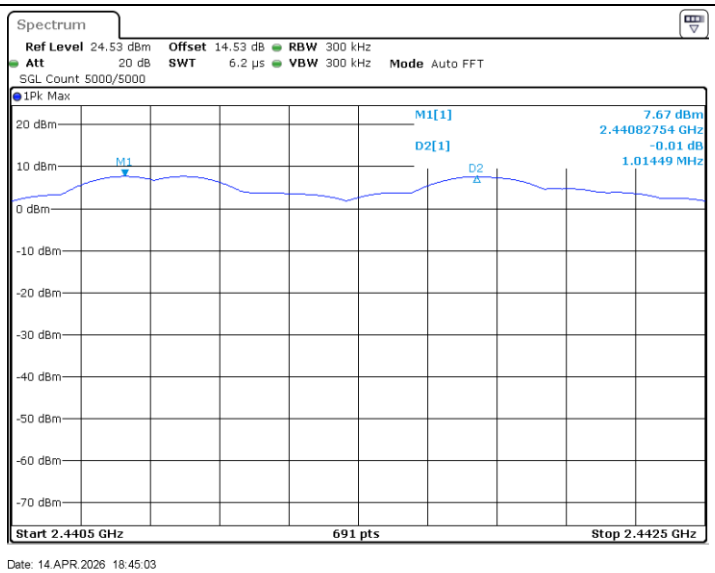
Appendix D: Carrier frequency separation

Test Result

TestMode	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Hop	0.994	≥0.960	PASS
2DH5	Hop	0.997	≥0.787	PASS
3DH5	Hop	1.014	≥0.800	PASS

Test Graphs

DH5_Ant1_Hop
 Date: 14.APR.2026 18:32:53
2DH5_Ant1_Hop
 Date: 14.APR.2026 18:33:48
3DH5_Ant1_Hop



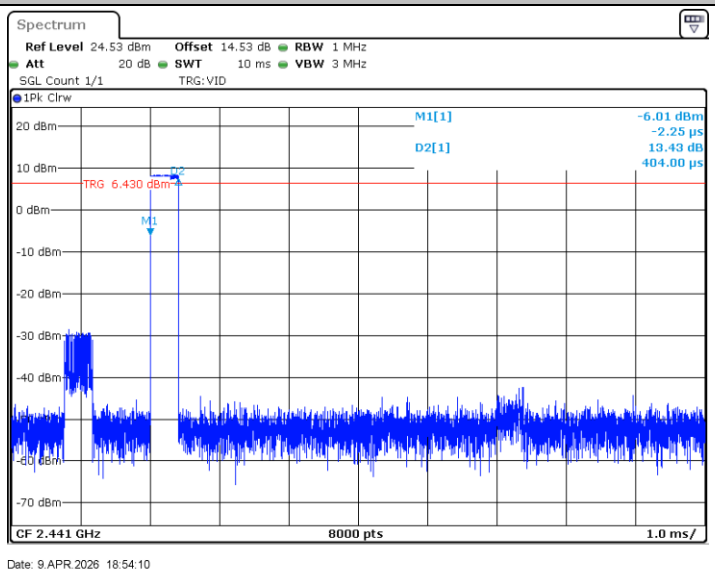
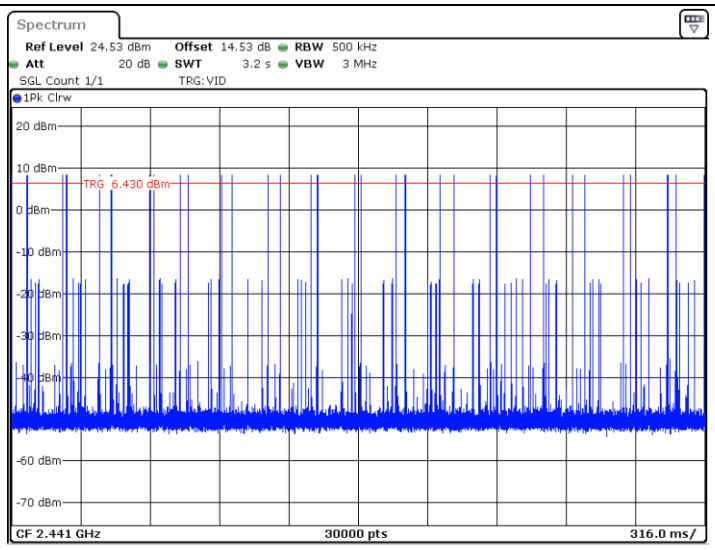
Date: 14.APR.2026 18:45:03

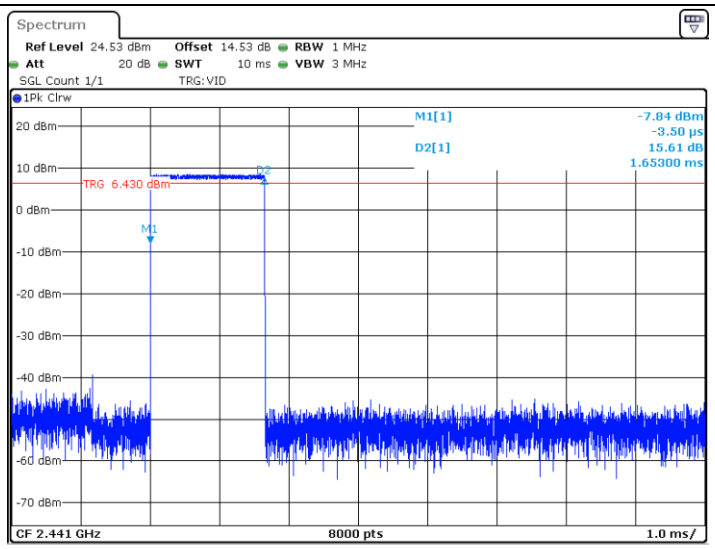
Appendix E: Time of occupancy

Test Result

TestMode	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Hop	0.404	330	0.133	≤0.4	PASS
DH3	Hop	1.653	170	0.281	≤0.4	PASS
DH5	Hop	2.893	110	0.318	≤0.4	PASS
2DH1	Hop	0.414	330	0.137	≤0.4	PASS
2DH3	Hop	1.659	140	0.232	≤0.4	PASS
2DH5	Hop	2.899	130	0.377	≤0.4	PASS
3DH1	Hop	0.414	330	0.137	≤0.4	PASS
3DH3	Hop	1.656	180	0.298	≤0.4	PASS
3DH5	Hop	2.900	100	0.29	≤0.4	PASS

Test Graphs

DH1_Ant1_Hop
 Date: 9.APR.2026 18:54:10
 Date: 9.APR.2026 18:54:15
DH3_Ant1_Hop



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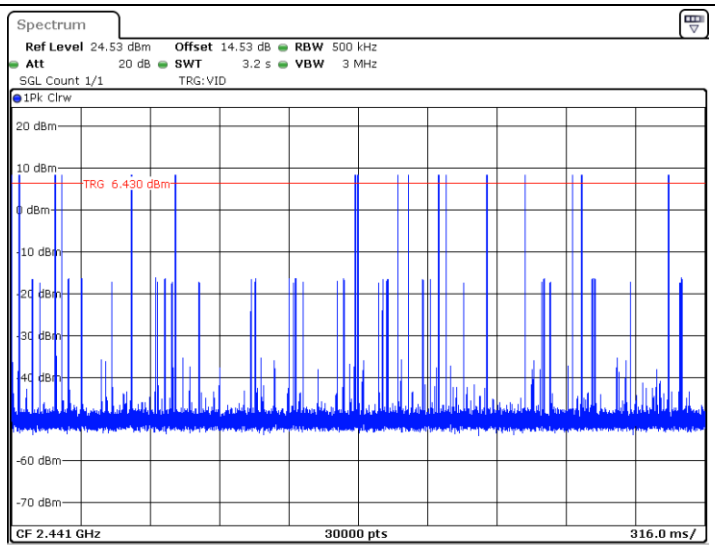

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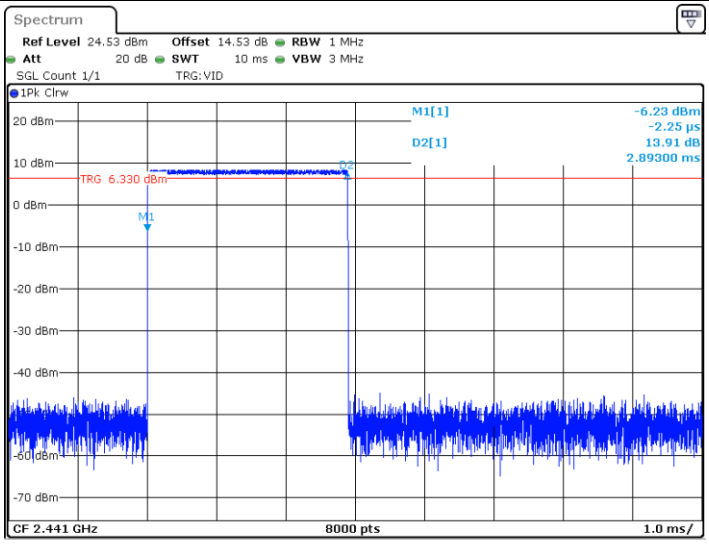
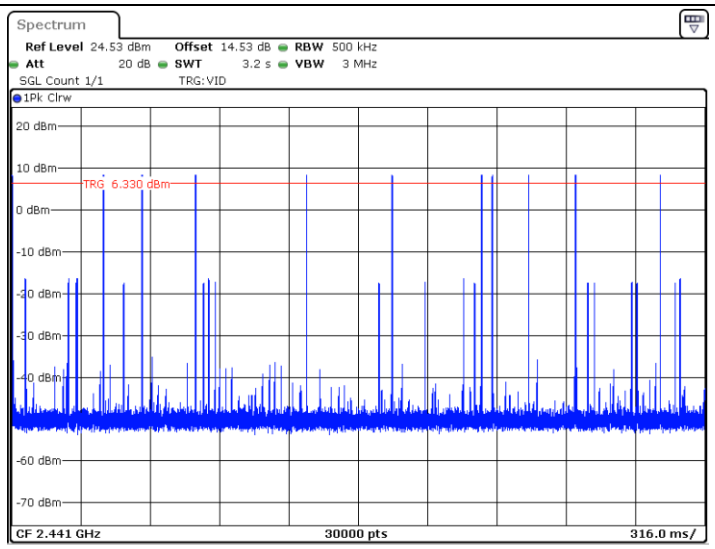
DH5_Ant1_Hop



Date: 9.APR.2026 18:49:22



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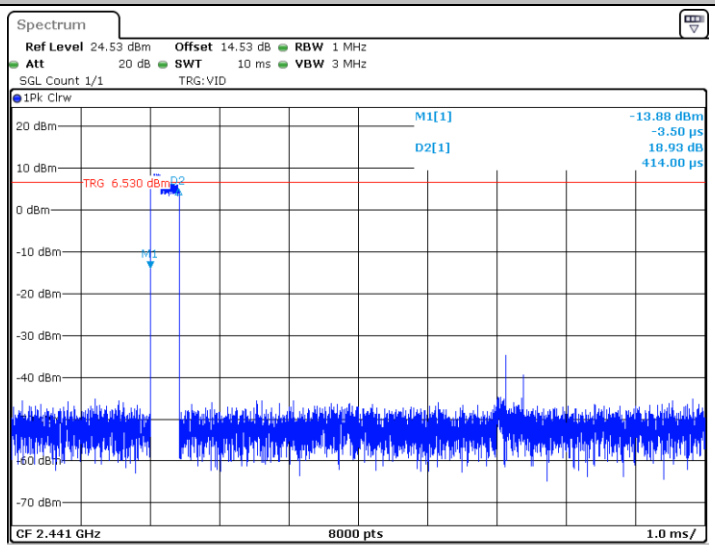
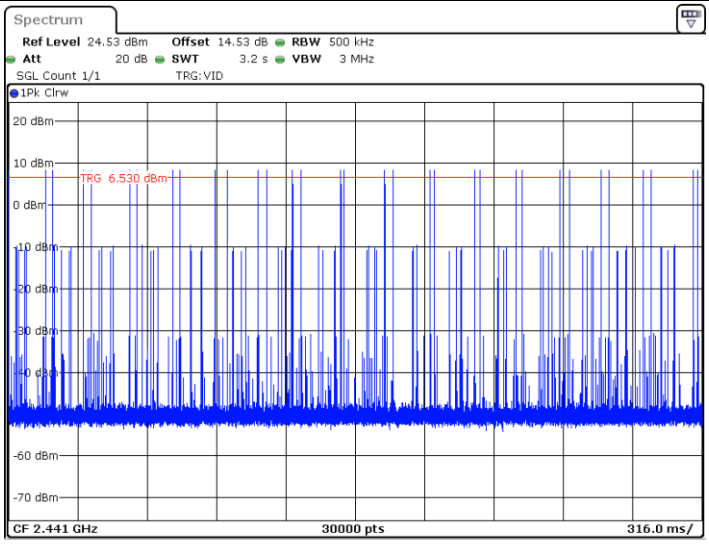
2DH1_Ant1_Hop



Date: 9.APR.2026 20:07:41



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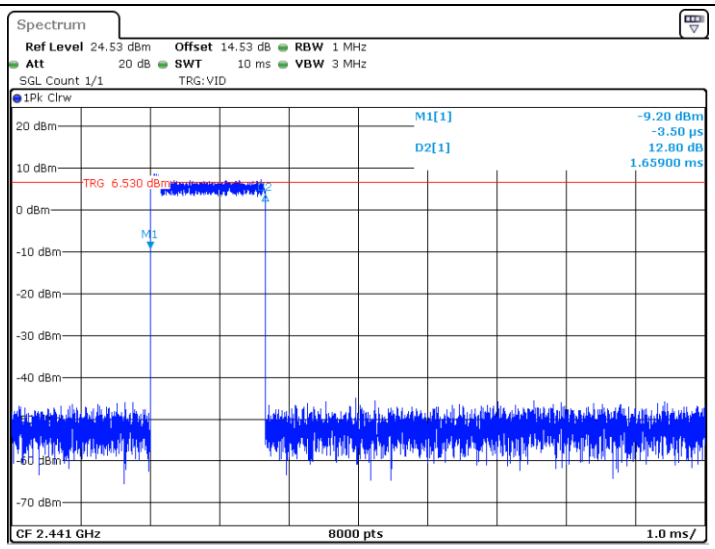
2DH3_Ant1_Hop



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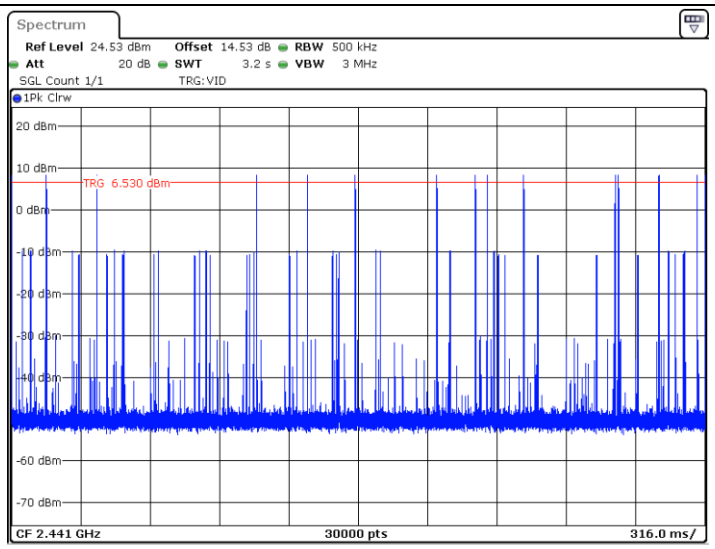

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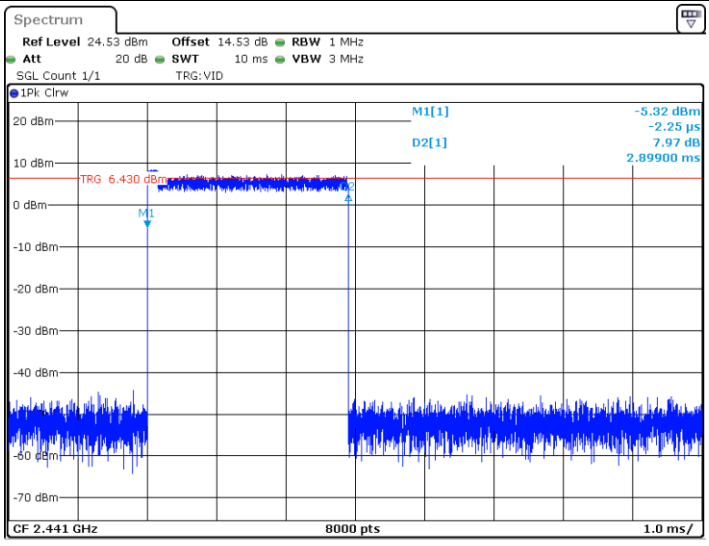
2DH5_Ant1_Hop



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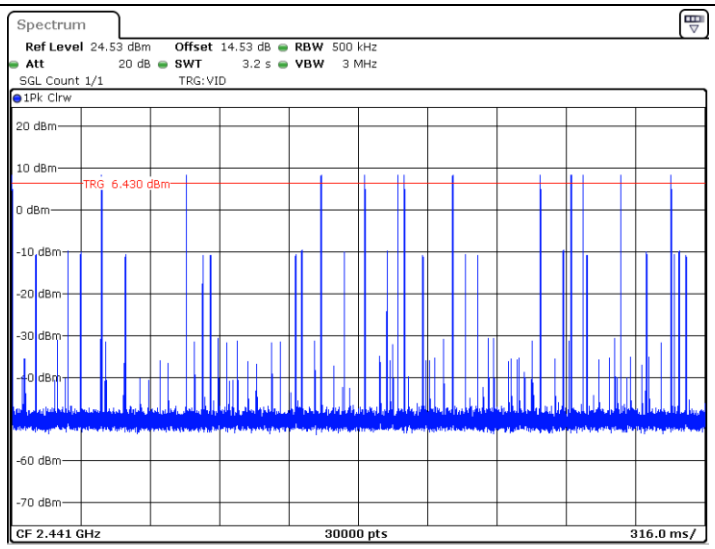
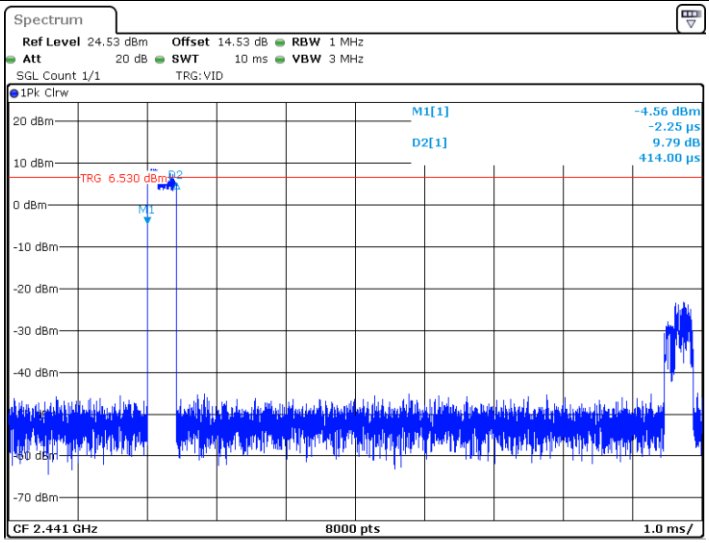
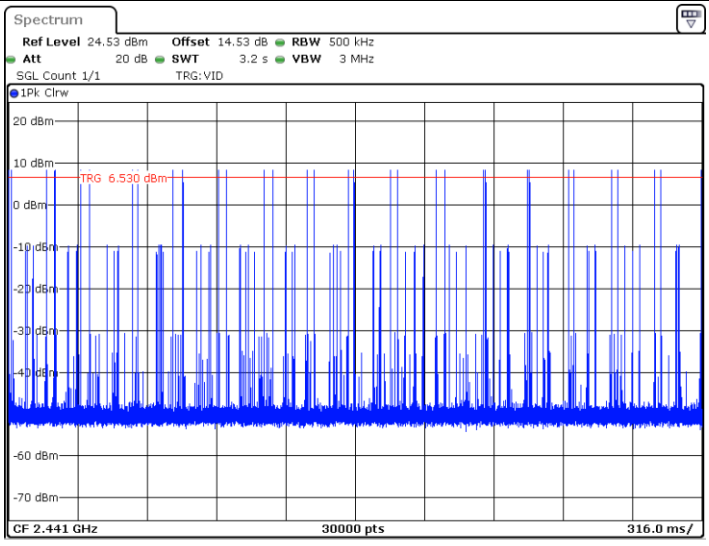


Date: 9.APR.2026 20:06:52

3DH1_Ant1_Hop

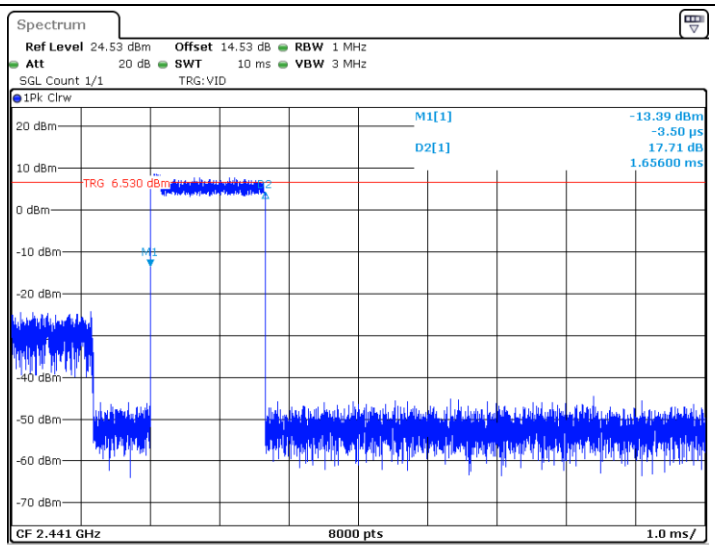


Date: 9.APR.2026 20:41:21

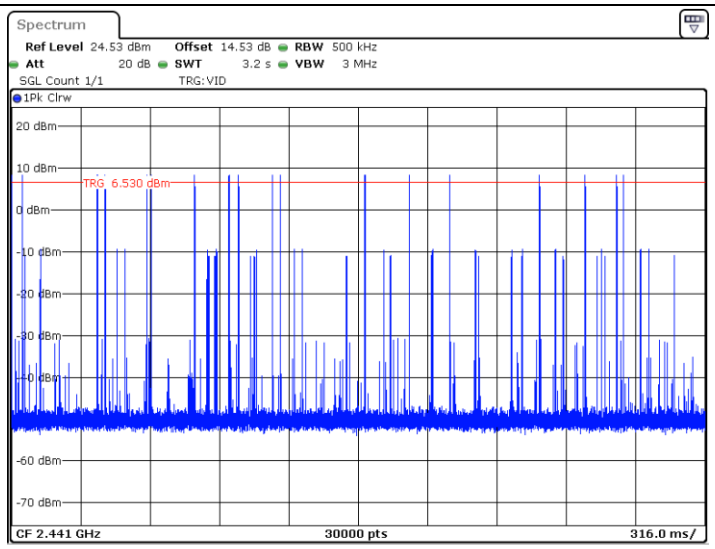


Date: 9.APR.2026 20:41:27

3DH3_Ant1_Hop

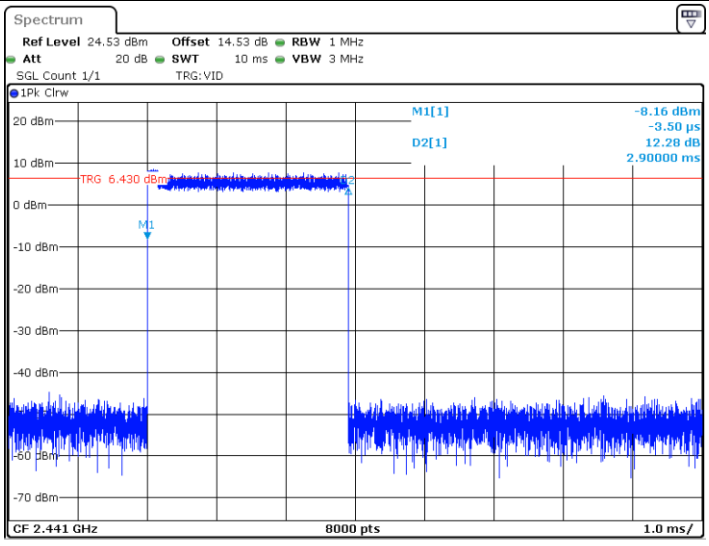


Date: 9.APR.2026 20:42:17

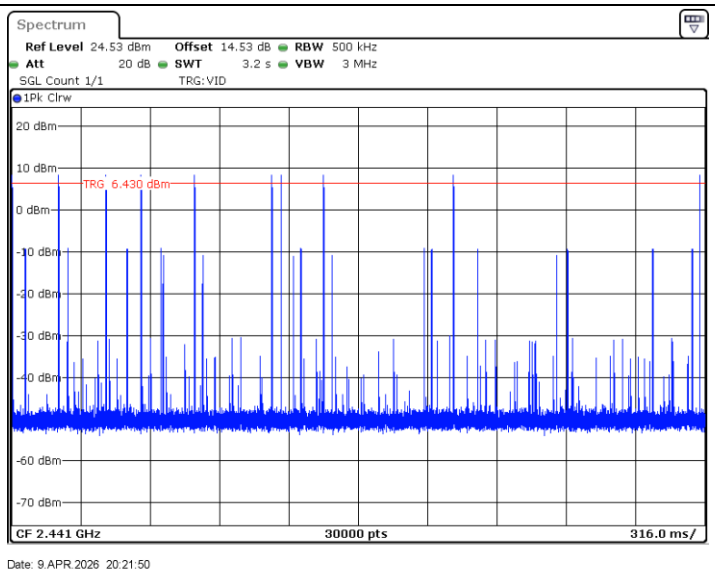


Date: 9.APR.2026 20:42:22

3DH5_Ant1_Hop



Date: 9.APR.2026 20:21:44



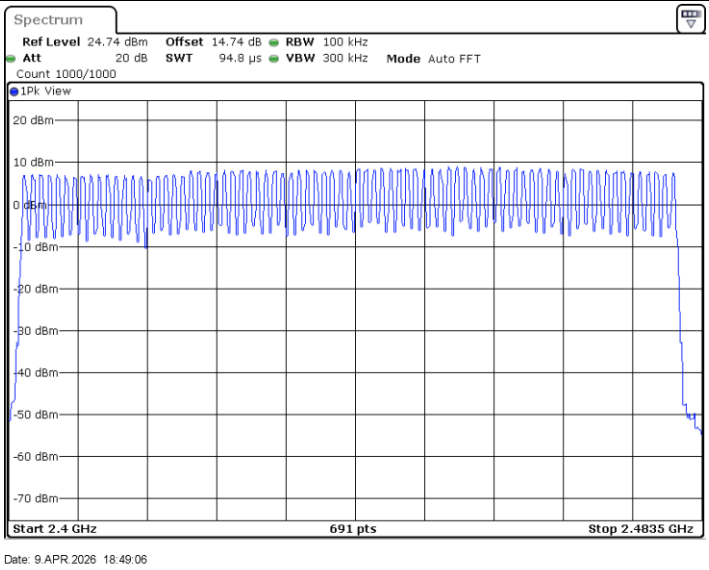
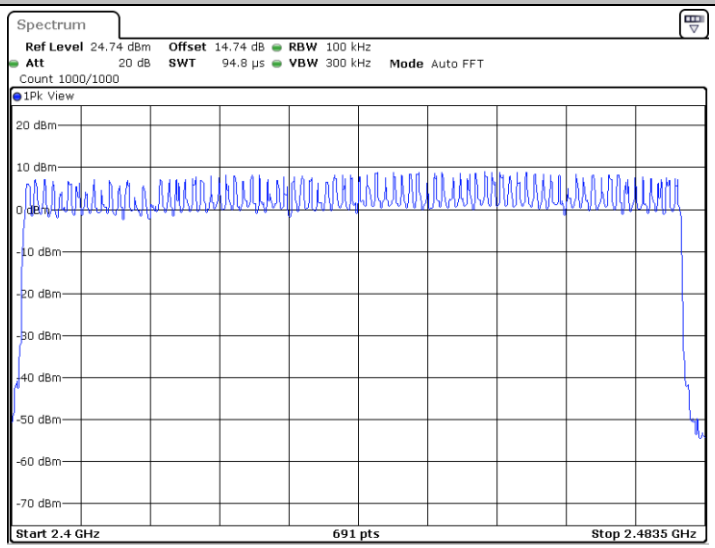
Date: 9.APR.2026 20:21:50

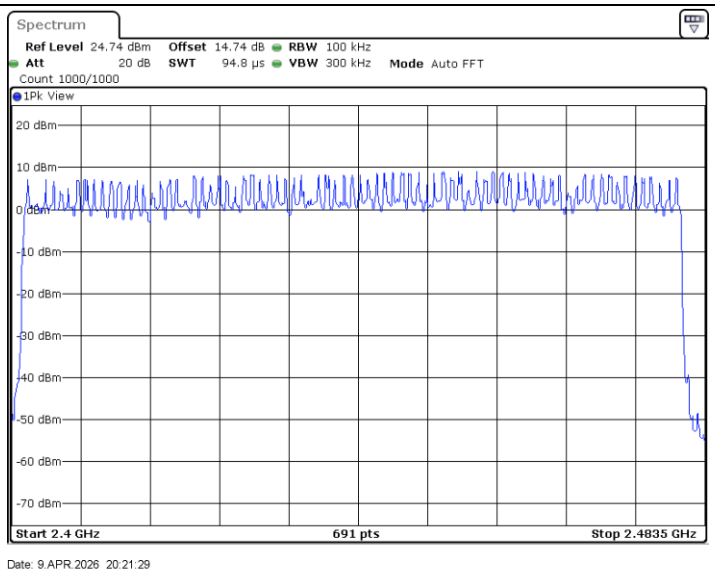
Appendix F: Number of hopping channels

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
 Date: 9.APR.2026 18:49:06
2DH5_Ant1_Hop
 Date: 9.APR.2026 20:06:32
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: 9.APR.2026 20:21:29

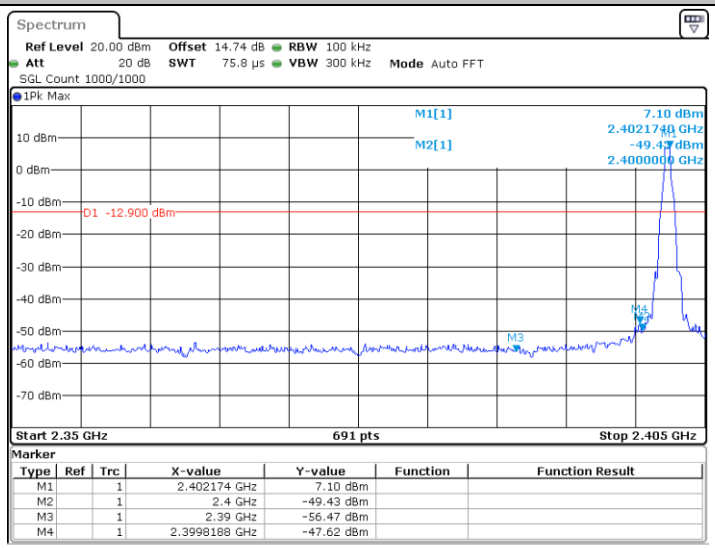
Appendix G: Band edge measurements

Test Result

TestMode	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Low	2402	7.10	-47.62	≤-12.9	PASS
	High	2480	7.28	-51.52	≤-12.72	PASS
	Low	Hop_2402	6.46	-50.08	≤-13.54	PASS
	High	Hop_2480	8.00	-52.07	≤-12	PASS
2DH5	Low	2402	7.14	-47.21	≤-12.86	PASS
	High	2480	7.32	-52.29	≤-12.68	PASS
	Low	Hop_2402	6.94	-52.55	≤-13.06	PASS
	High	Hop_2480	7.74	-51.95	≤-12.26	PASS
3DH5	Low	2402	7.16	-46.21	≤-12.84	PASS
	High	2480	7.32	-51.5	≤-12.68	PASS
	Low	Hop_2402	7.14	-52.87	≤-12.86	PASS
	High	Hop_2480	7.93	-52.53	≤-12.07	PASS

Test Graphs

DH5_Ant1_Low_2402

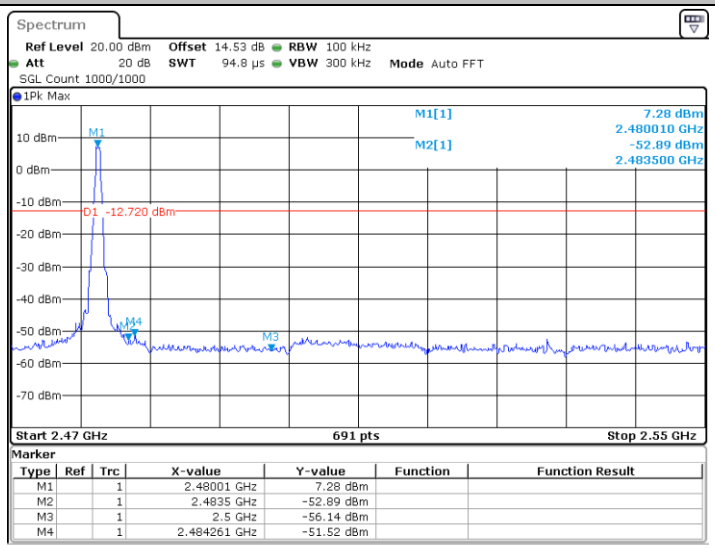


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.402174 GHz	7.10 dBm		
M2		1	2.4 GHz	-49.43 dBm		
M3		1	2.39 GHz	-56.47 dBm		
M4		1	2.3998188 GHz	-47.62 dBm		

Date: 9.APR.2026 17:44:52

DH5_Ant1_High_2480

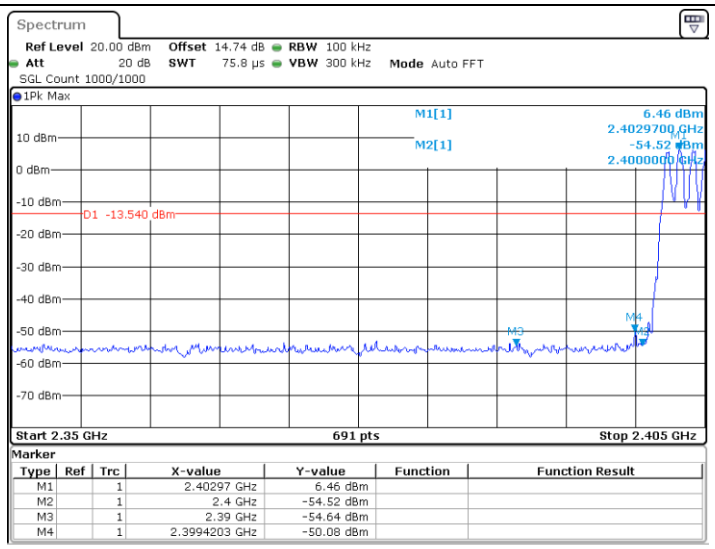


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48001 GHz	7.28 dBm		
M2		1	2.4835 GHz	-52.89 dBm		
M3		1	2.5 GHz	-56.14 dBm		
M4		1	2.484261 GHz	-51.52 dBm		

Date: 9.APR.2026 18:18:41

DH5_Ant1_Low_Hop_2402

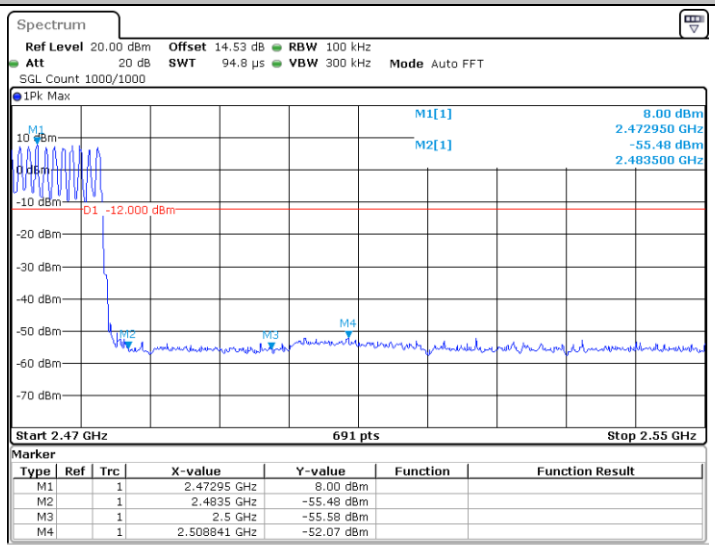


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40297 GHz	6.46 dBm		
M2		1	2.4 GHz	-54.52 dBm		
M3		1	2.39 GHz	-54.64 dBm		
M4		1	2.3994203 GHz	-50.08 dBm		

Date: 9.APR.2026 18:47:00

DH5_Ant1_High_Hop_2480

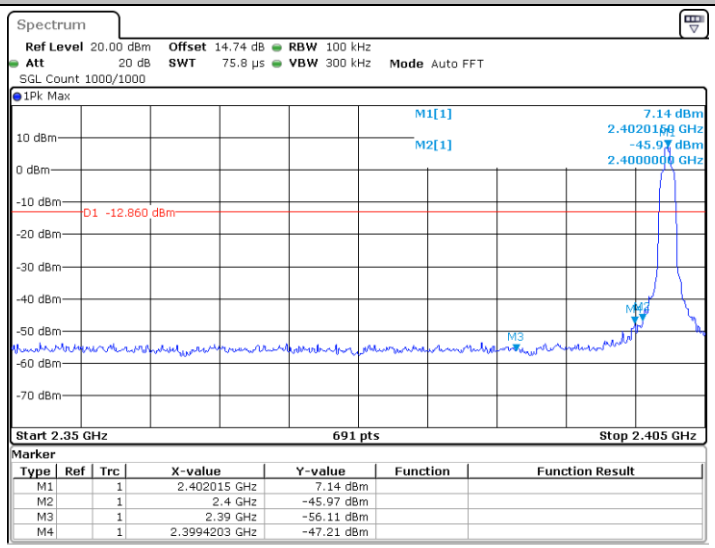


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47295 GHz	8.00 dBm		
M2		1	2.4835 GHz	-55.48 dBm		
M3		1	2.5 GHz	-55.58 dBm		
M4		1	2.508841 GHz	-52.07 dBm		

Date: 9.APR.2026 19:02:32

2DH5_Ant1_Low_2402

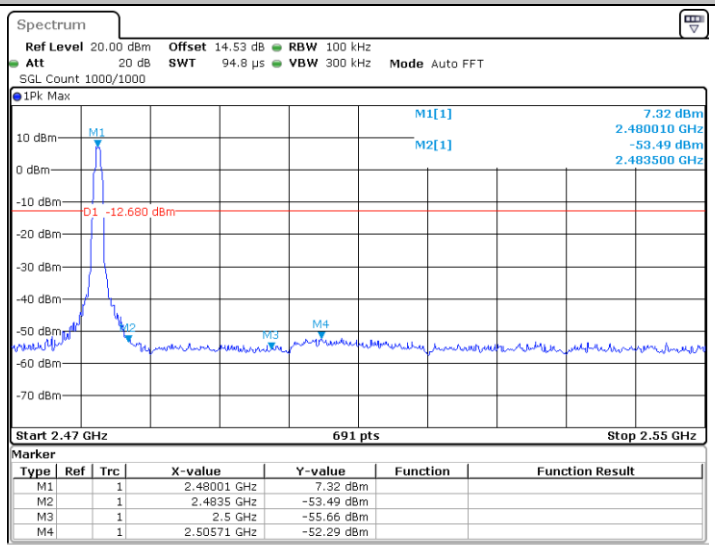


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.402015 GHz	7.14 dBm		
M2		1	2.4 GHz	-45.97 dBm		
M3		1	2.39 GHz	-56.11 dBm		
M4		1	2.3994203 GHz	-47.21 dBm		

Date: 9.APR.2026 18:25:49

2DH5_Ant1_High_2480

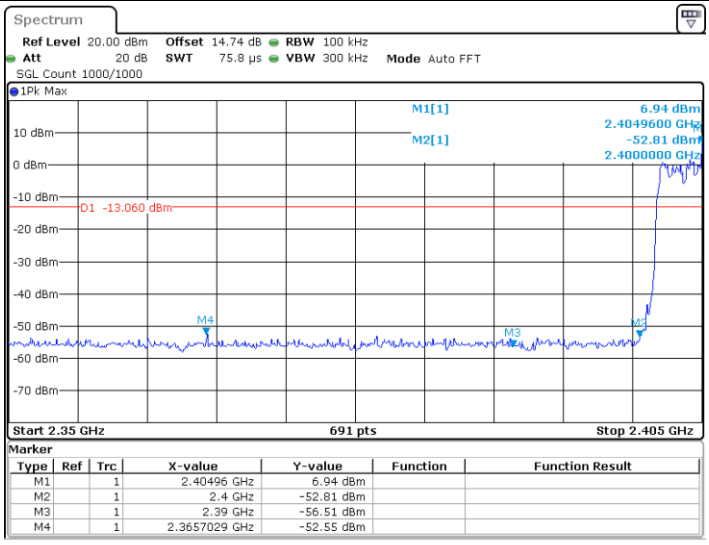


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48001 GHz	7.32 dBm		
M2		1	2.4835 GHz	-53.49 dBm		
M3		1	2.5 GHz	-55.66 dBm		
M4		1	2.50571 GHz	-52.29 dBm		

Date: 9.APR.2026 18:31:58

2DH5_Ant1_Low_Hop_2402

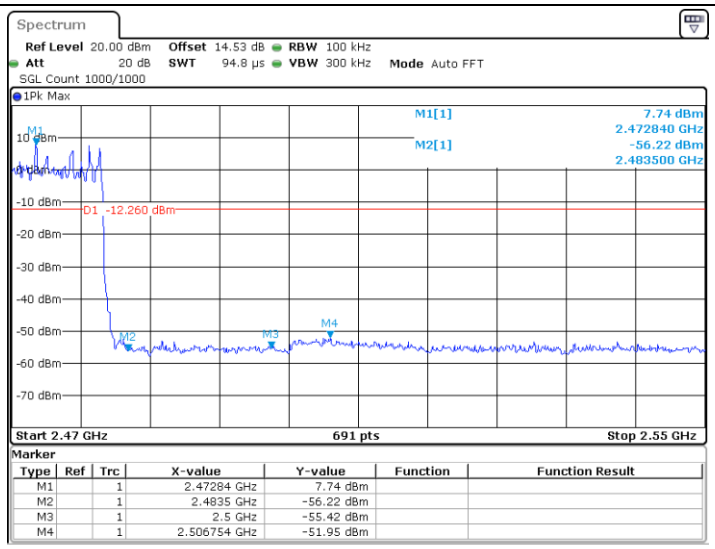


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40496 GHz	6.94 dBm		
M2		1	2.4 GHz	-52.81 dBm		
M3		1	2.39 GHz	-56.51 dBm		
M4		1	2.3657029 GHz	-52.55 dBm		

Date: 9.APR.2026 20:04:15

2DH5_Ant1_High_Hop_2480

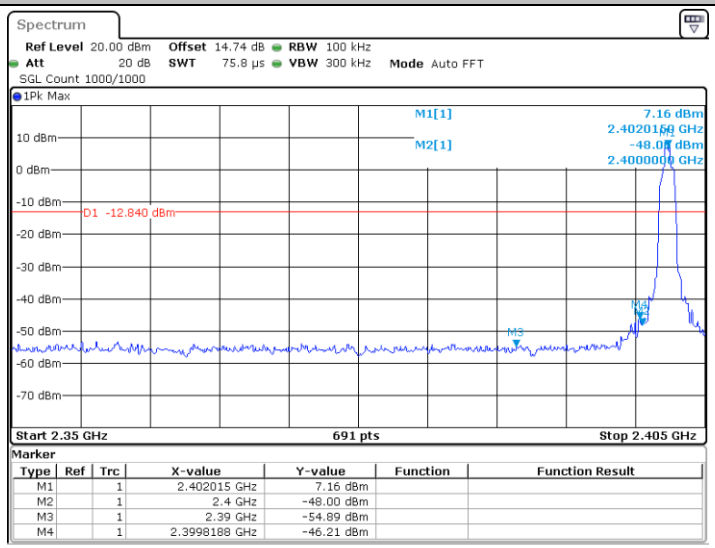


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47284 GHz	7.74 dBm		
M2		1	2.4835 GHz	-56.22 dBm		
M3		1	2.5 GHz	-55.42 dBm		
M4		1	2.506754 GHz	-51.95 dBm		

Date: 9.APR.2026 20:11:49

3DH5_Ant1_Low_2402

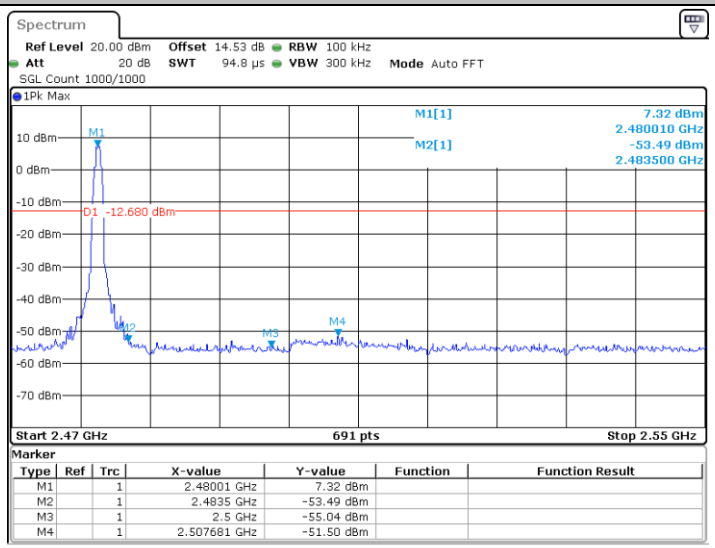


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.402015 GHz	7.16 dBm		
M2		1	2.4 GHz	-48.00 dBm		
M3		1	2.39 GHz	-54.89 dBm		
M4		1	2.3998188 GHz	-46.21 dBm		

Date: 9.APR.2026 18:34:53

3DH5_Ant1_High_2480

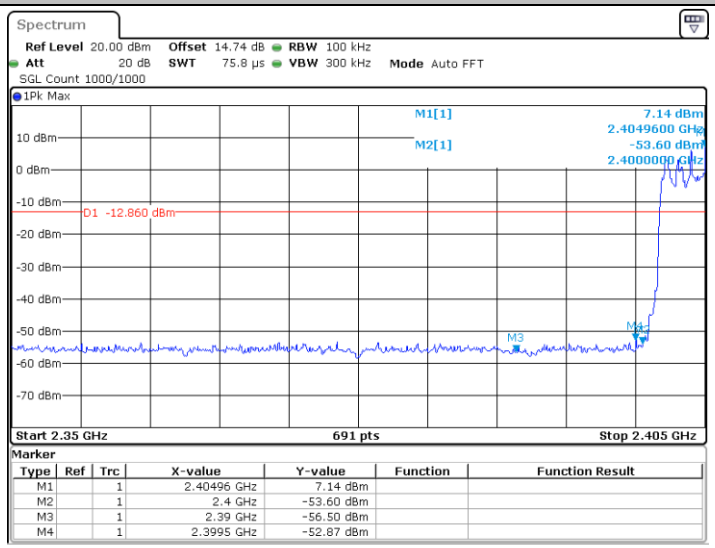


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48001 GHz	7.32 dBm		
M2		1	2.4835 GHz	-53.49 dBm		
M3		1	2.5 GHz	-55.04 dBm		
M4		1	2.507681 GHz	-51.50 dBm		

Date: 9.APR.2026 18:39:10

3DH5_Ant1_Low_Hop_2402

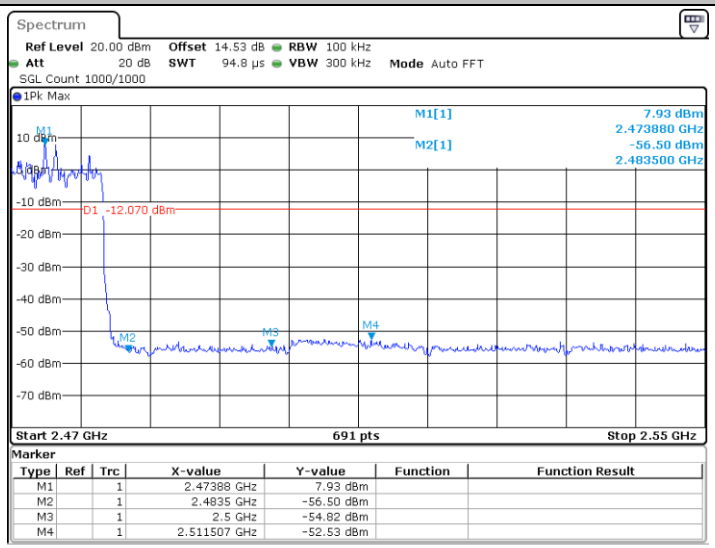


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40496 GHz	7.14 dBm		
M2		1	2.4 GHz	-53.60 dBm		
M3		1	2.39 GHz	-56.50 dBm		
M4		1	2.3995 GHz	-52.87 dBm		

Date: 9.APR.2026 20:15:02

3DH5_Ant1_High_Hop_2480



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47388 GHz	7.93 dBm		
M2		1	2.4835 GHz	-56.50 dBm		
M3		1	2.5 GHz	-54.82 dBm		
M4		1	2.511507 GHz	-52.53 dBm		

Date: 9.APR.2026 20:42:46

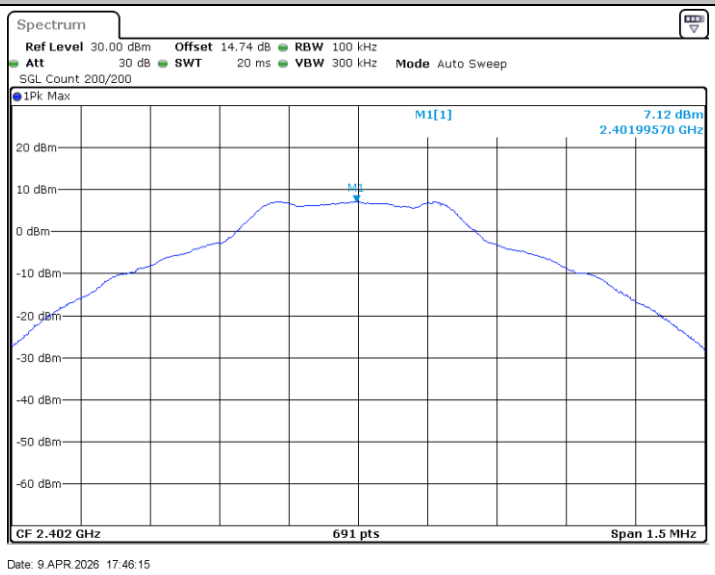
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	2402	Reference	7.12	7.12	---	PASS
		30~1000	7.12	-51.17	≤-12.88	PASS
		1000~26500	7.12	-20.62	≤-12.88	PASS
	2441	Reference	7.96	7.96	---	PASS
		30~1000	7.96	-51.42	≤-12.04	PASS
		1000~26500	7.96	-25.29	≤-12.04	PASS
	2480	Reference	7.23	7.23	---	PASS
		30~1000	7.23	-52.29	≤-12.77	PASS
		1000~26500	7.23	-24.51	≤-12.77	PASS
2DH5	2402	Reference	7.10	7.10	---	PASS
		30~1000	7.10	-52.32	≤-12.9	PASS
		1000~26500	7.10	-26.92	≤-12.9	PASS
	2441	Reference	7.94	7.94	---	PASS
		30~1000	7.94	-51.07	≤-12.06	PASS
		1000~26500	7.94	-32.01	≤-12.06	PASS
	2480	Reference	7.25	7.25	---	PASS
		30~1000	7.25	-52.11	≤-12.75	PASS
		1000~26500	7.25	-24.99	≤-12.75	PASS
3DH5	2402	Reference	7.12	7.12	---	PASS
		30~1000	7.12	-51.28	≤-12.88	PASS
		1000~26500	7.12	-30.77	≤-12.88	PASS
	2441	Reference	7.95	7.95	---	PASS
		30~1000	7.95	-52.65	≤-12.05	PASS
		1000~26500	7.95	-30.93	≤-12.05	PASS
	2480	Reference	7.25	7.25	---	PASS
		30~1000	7.25	-50.22	≤-12.75	PASS
		1000~26500	7.25	-31.69	≤-12.75	PASS

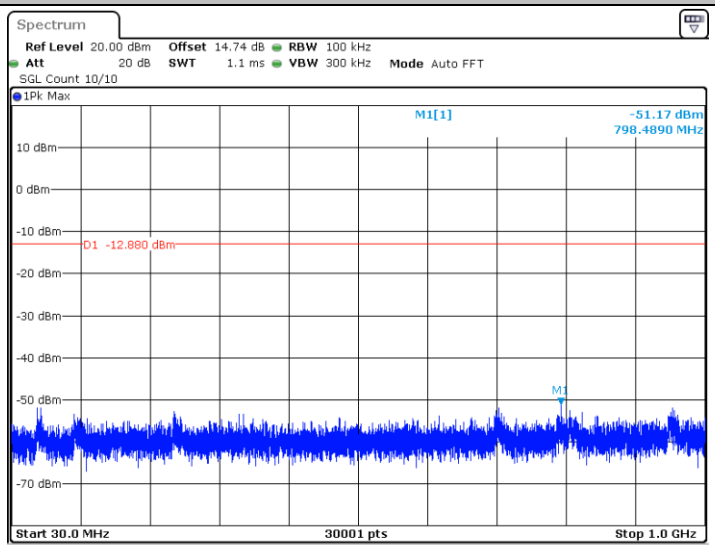
Test Graphs

DH5_Ant1_2402_0~Reference



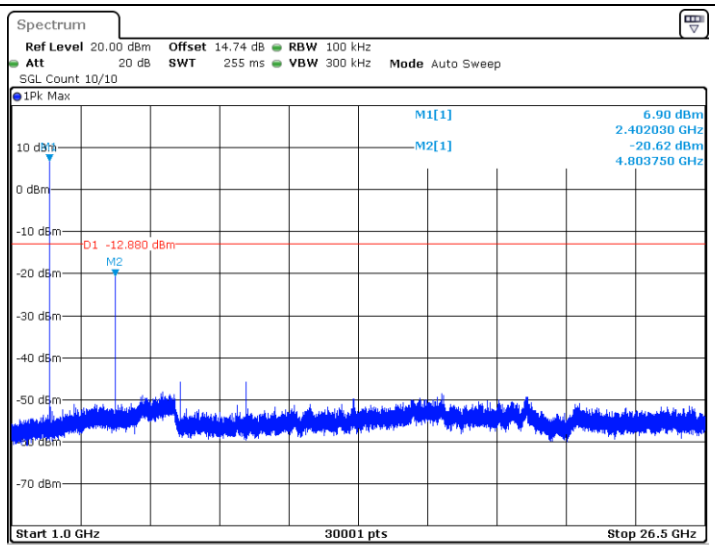
Date: 9.APR.2026 17:46:15

DH5_Ant1_2402_30~1000



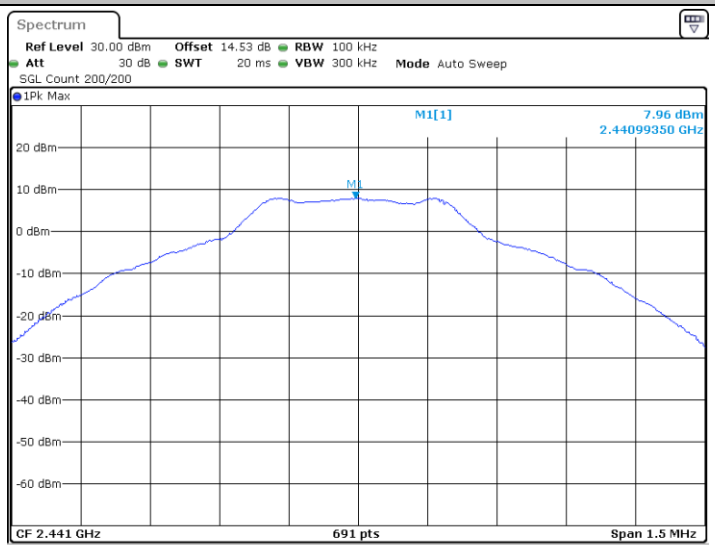
Date: 9.APR.2026 17:46:19

DH5_Ant1_2402_1000~26500



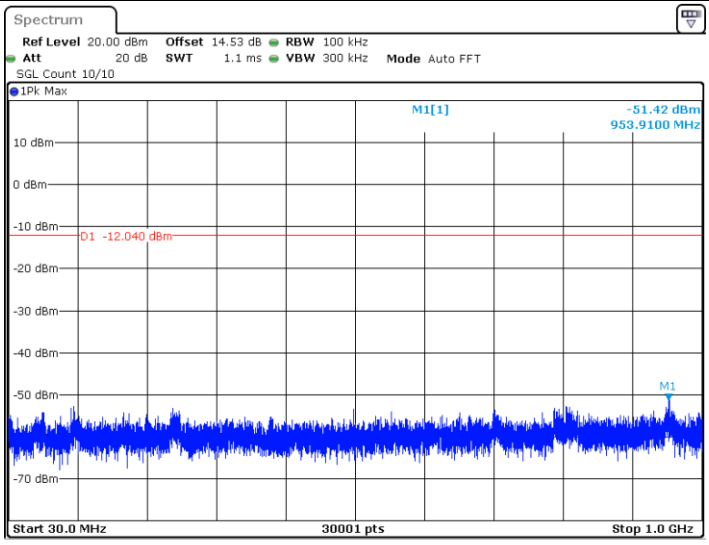
Date: 9.APR.2026 17:46:30

DH5_Ant1_2441_0~Reference

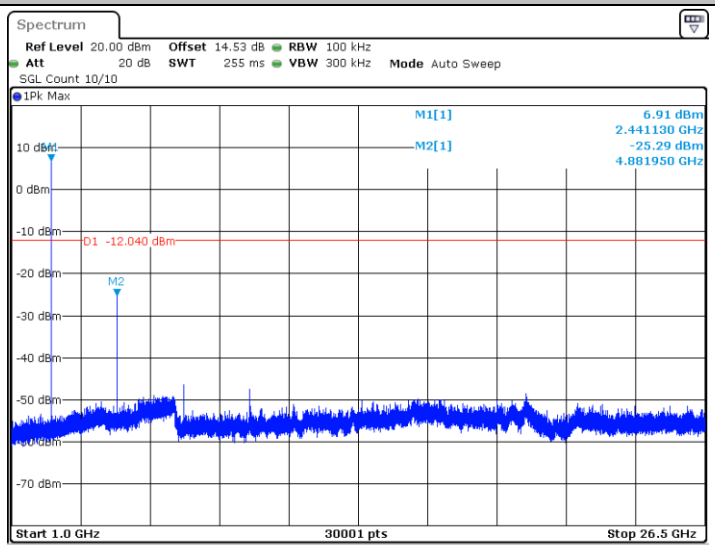
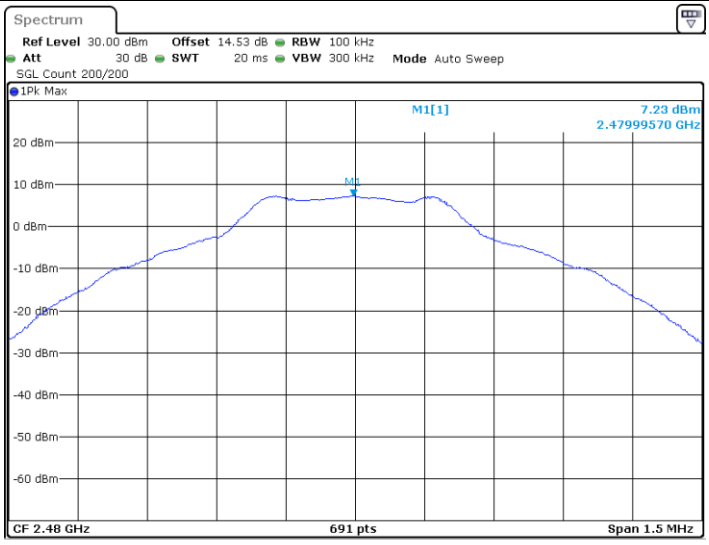


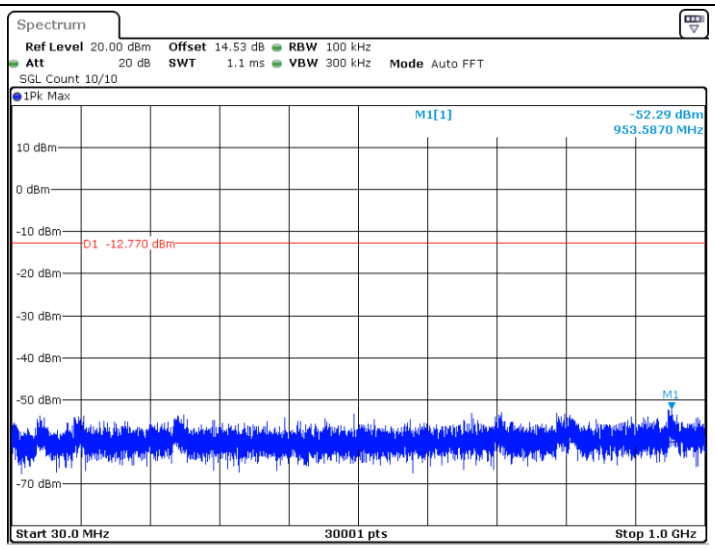
Date: 9.APR.2026 17:47:42

DH5_Ant1_2441_30~1000



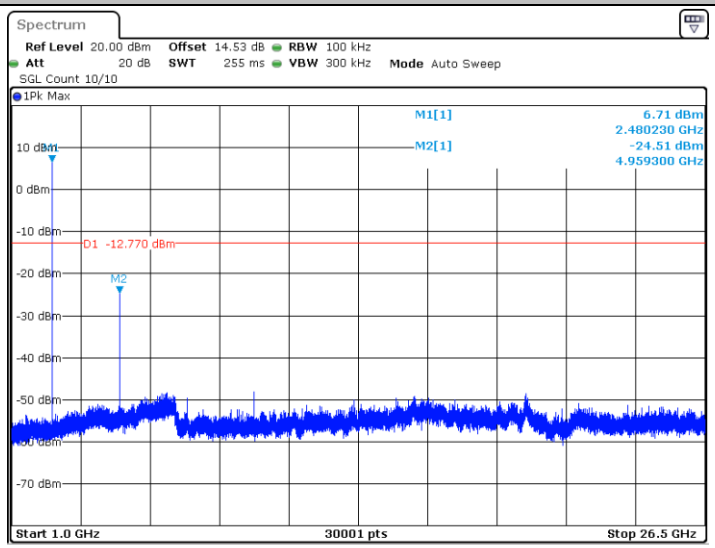
Date: 9.APR.2026 17:47:46

DH5_Ant1_2441_1000~26500
 Date: 9.APR.2026 17:47:57
DH5_Ant1_2480_0~Reference
 Date: 9.APR.2026 18:20:02
DH5_Ant1_2480_30~1000



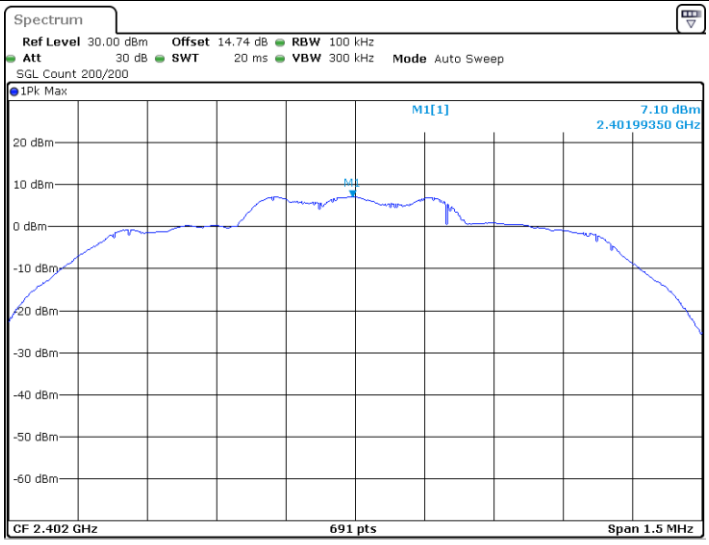
Date: 9.APR.2026 18:20:06

DH5_Ant1_2480_1000~26500

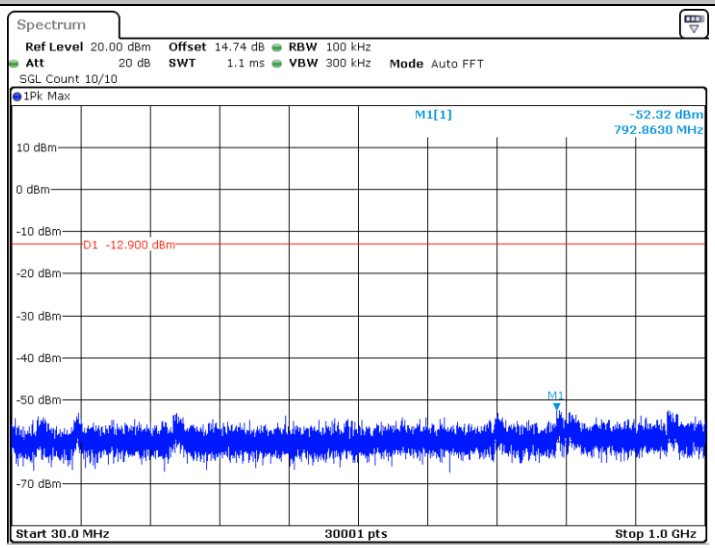
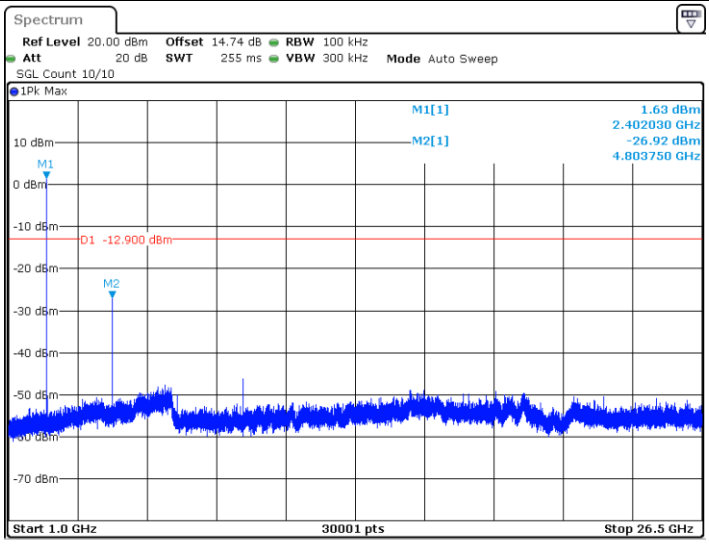


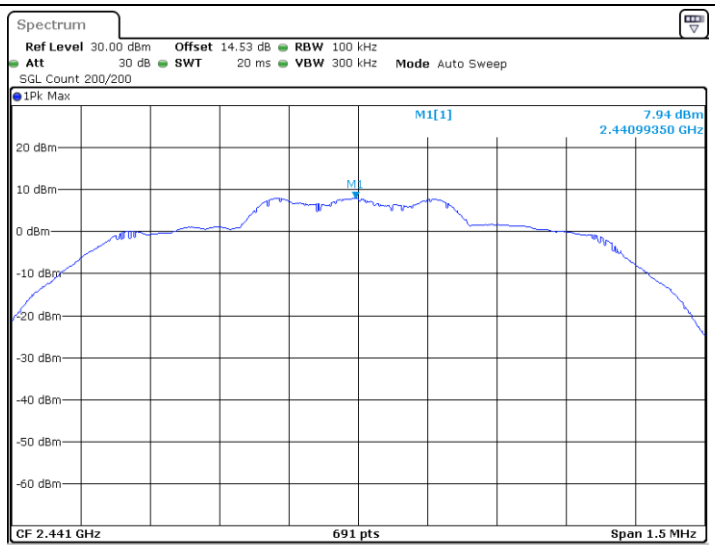
Date: 9.APR.2026 18:20:17

2DH5_Ant1_2402_0~Reference



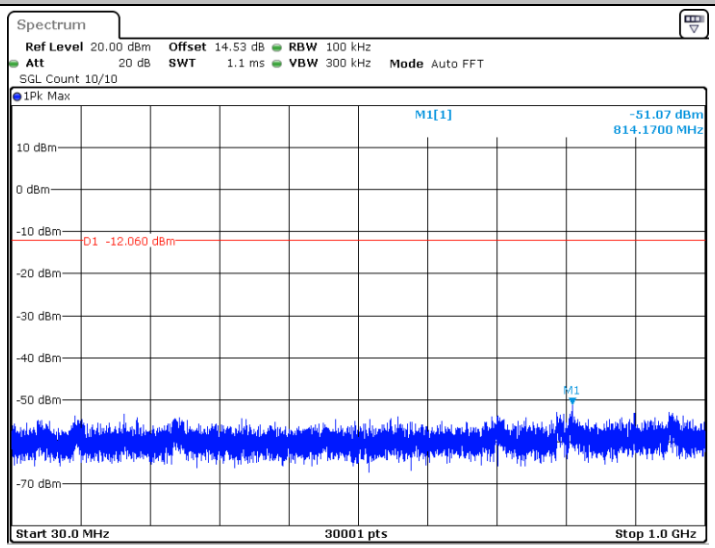
Date: 9.APR.2026 18:27:11

2DH5_Ant1_2402_30~1000
 Date: 9.APR.2026 18:27:16
2DH5_Ant1_2402_1000~26500
 Date: 9.APR.2026 18:27:26
2DH5_Ant1_2441_0~Reference



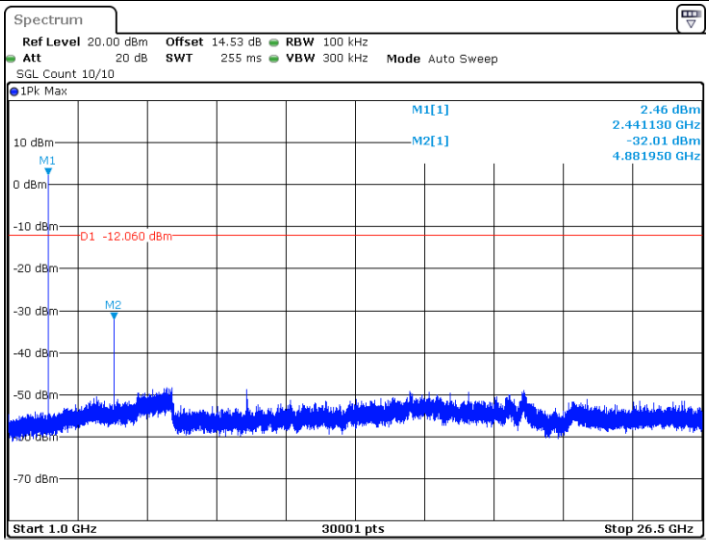
Date: 9.APR.2026 18:28:56

2DH5_Ant1_2441_30~1000

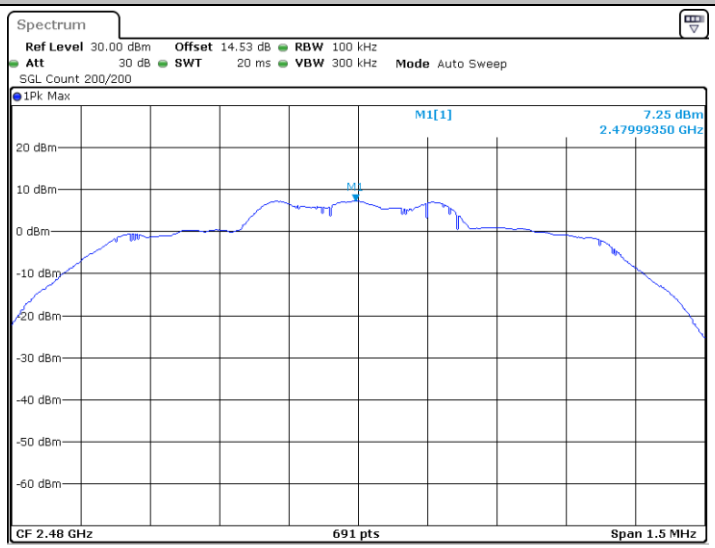


Date: 9.APR.2026 18:29:00

2DH5_Ant1_2441_1000~26500



Date: 9.APR.2026 18:29:11

2DH5_Ant1_2480_0~Reference
 Date: 9.APR.2026 18:33:19
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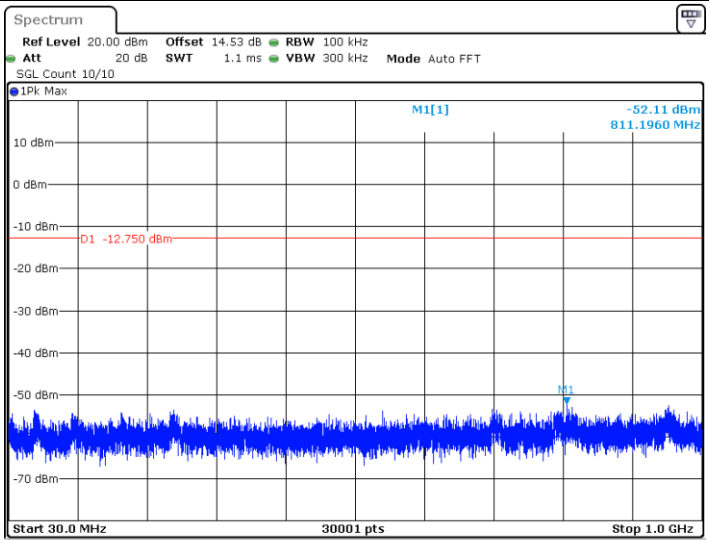 Date: 9.APR.2026 18:33:24
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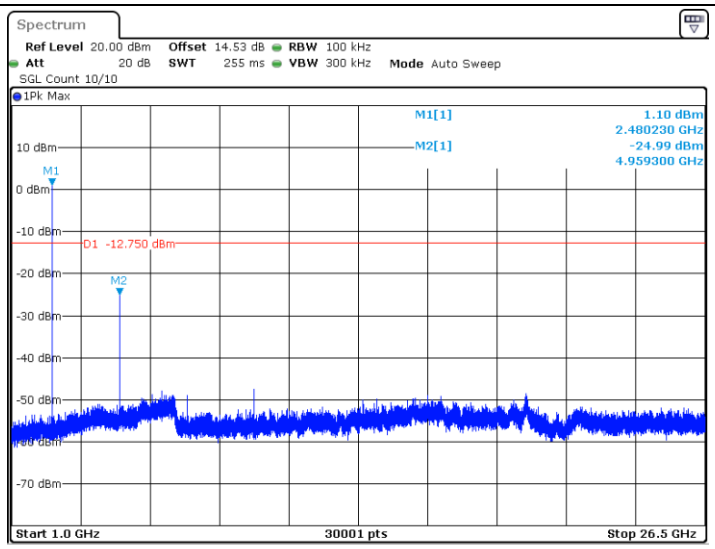
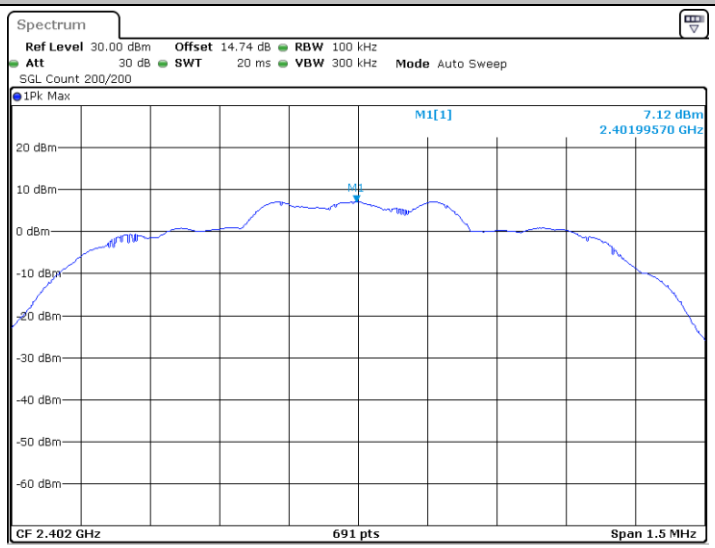


Date: 9.APR.2026 18:33:34

3DH5_Ant1_2402_0~Reference



Date: 9.APR.2026 18:36:16

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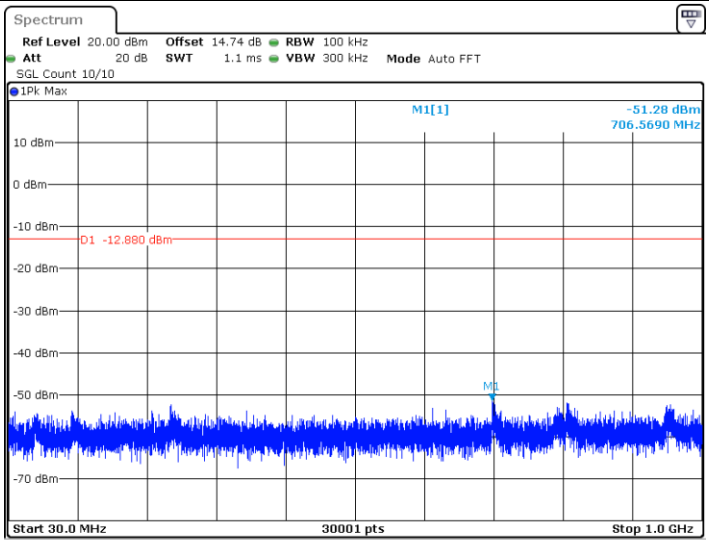

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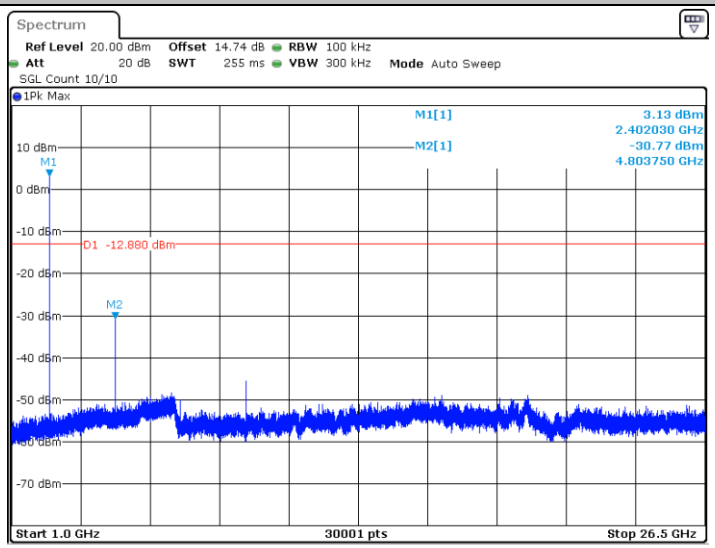 Date: 9.APR.2026 18:36:31
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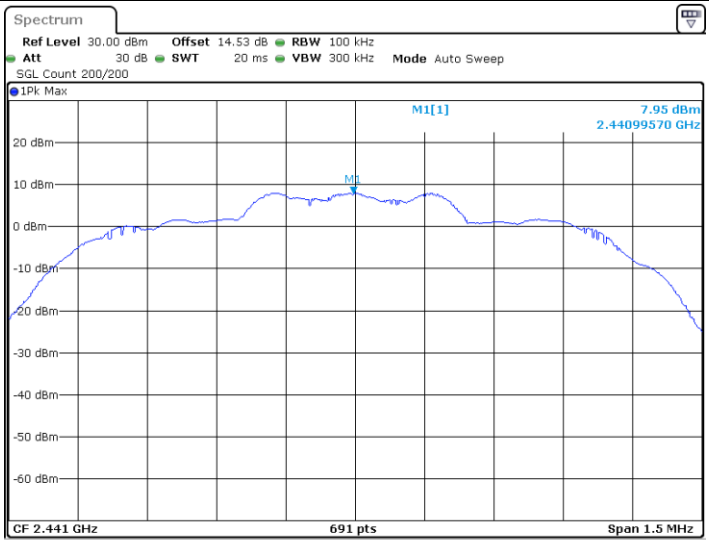 Date: 9.APR.2026 18:37:52
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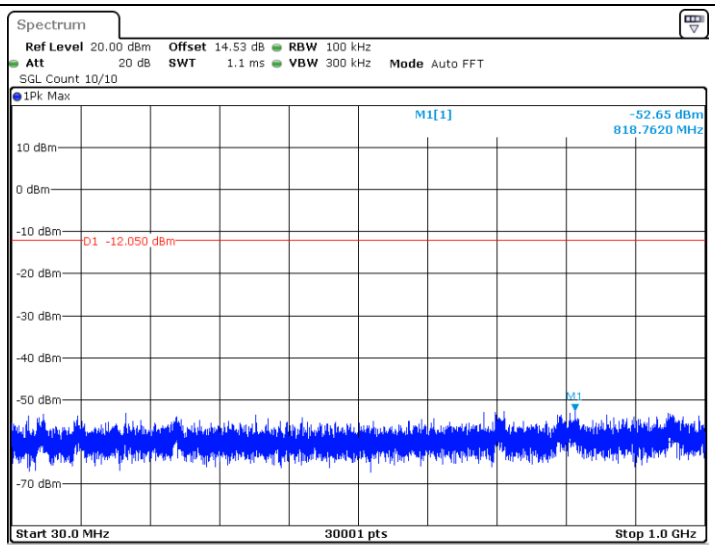

Date: 9.APR.2026 18:37:57

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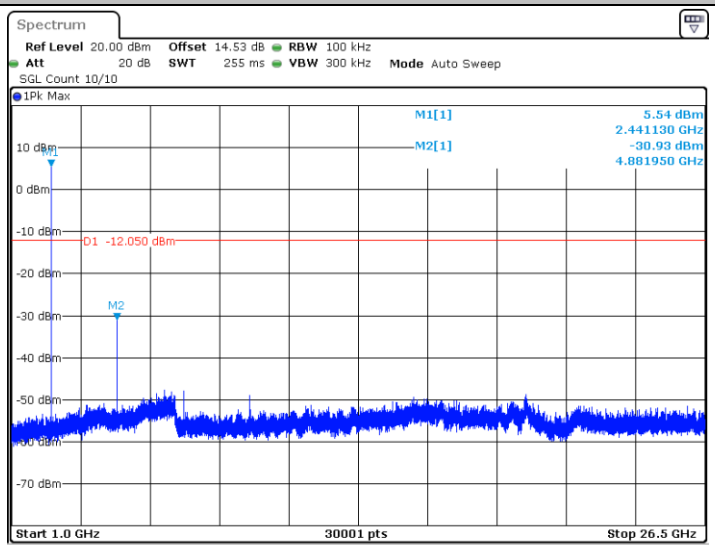

Date: 9.APR.2026 18:38:07

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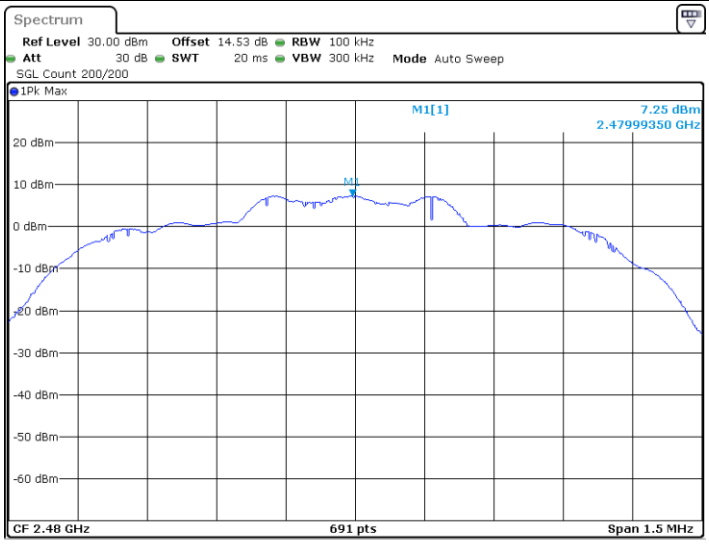
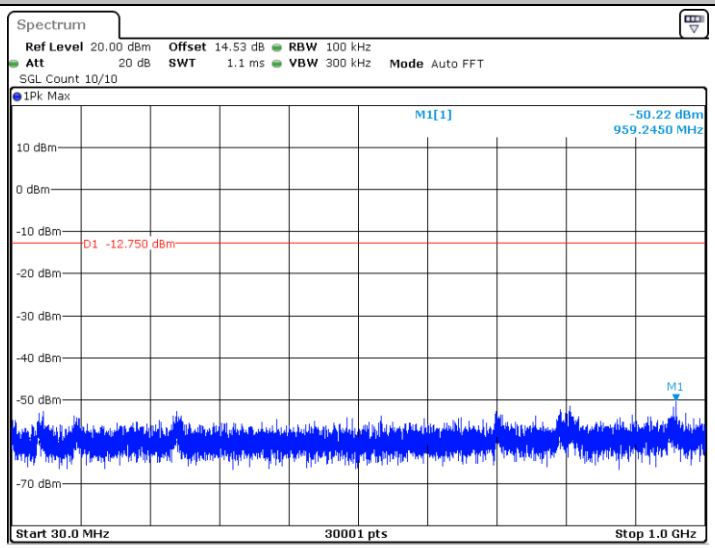


Date: 9.APR.2026 18:40:31

3DH5_Ant1_2480_30~1000



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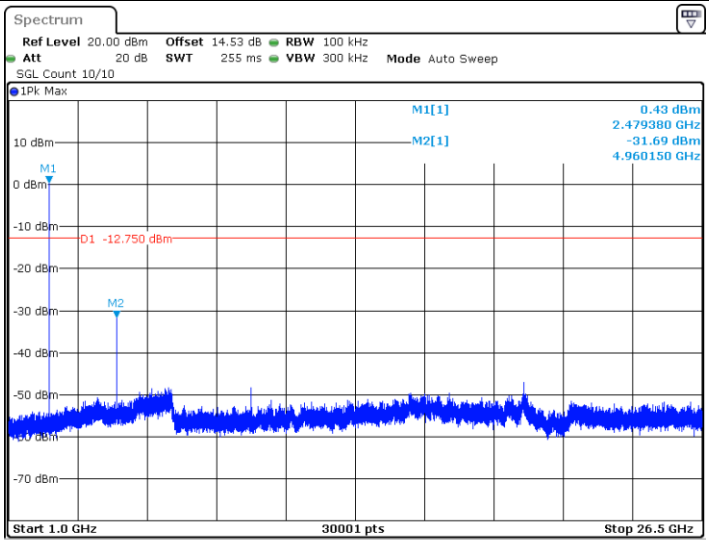


Date: 9.APR.2026 18:40:46

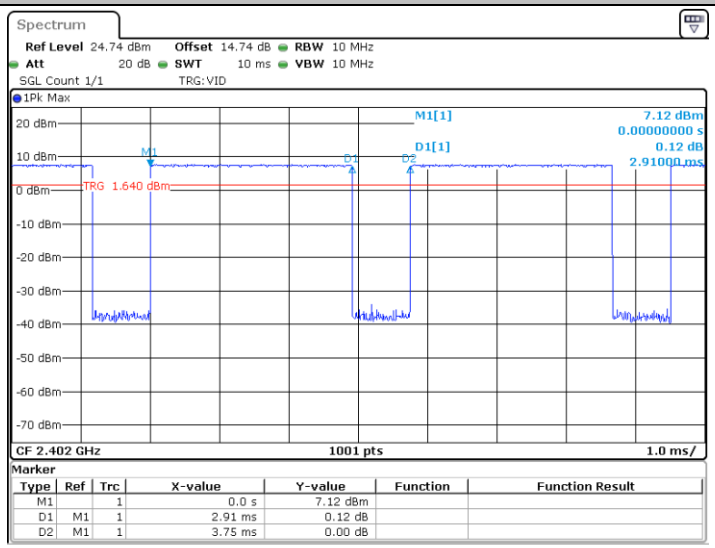
Appendix I: Duty Cycle

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	2.92	3.76	77.66	1.10	---	---
2DH5	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	---	---
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



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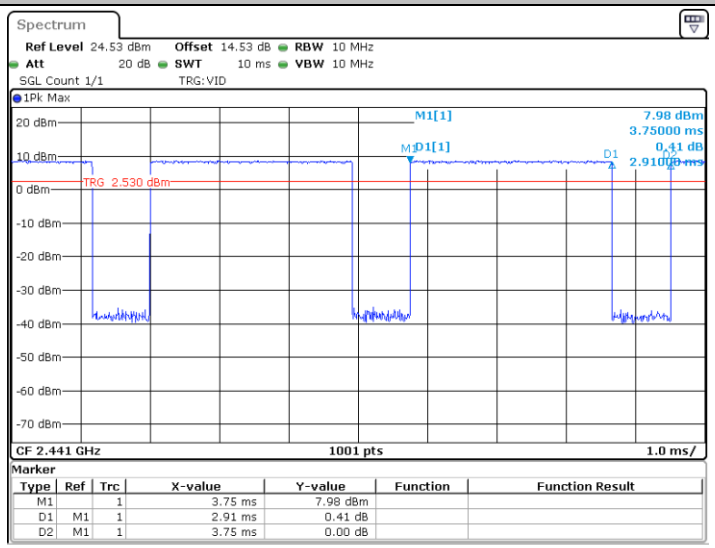
DH5_Ant1_2441



Date: 9.APR.2026 17:36:30

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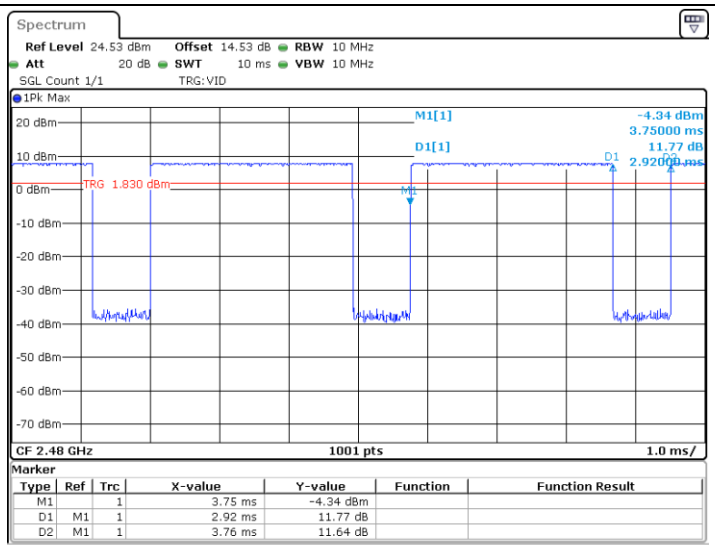

Date: 9.APR.2026 17:37:03

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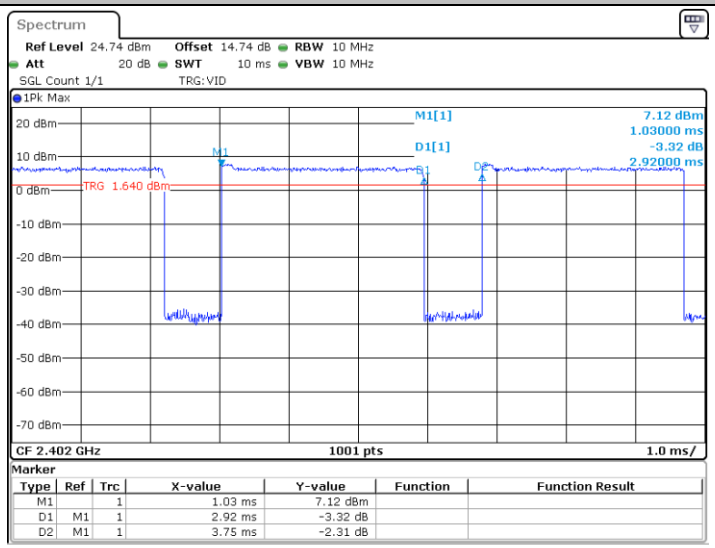

Date: 9.APR.2026 17:38:02

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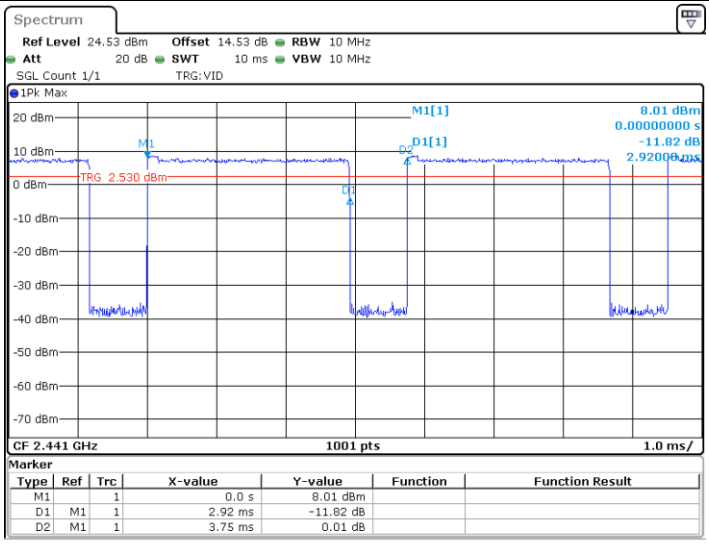

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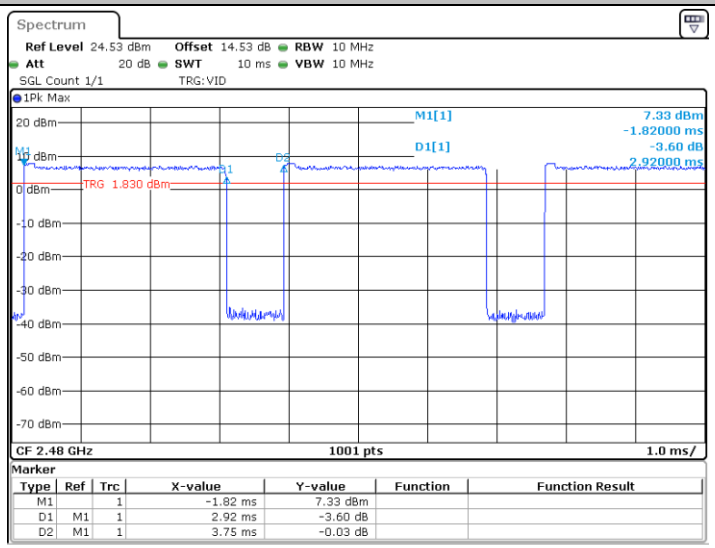

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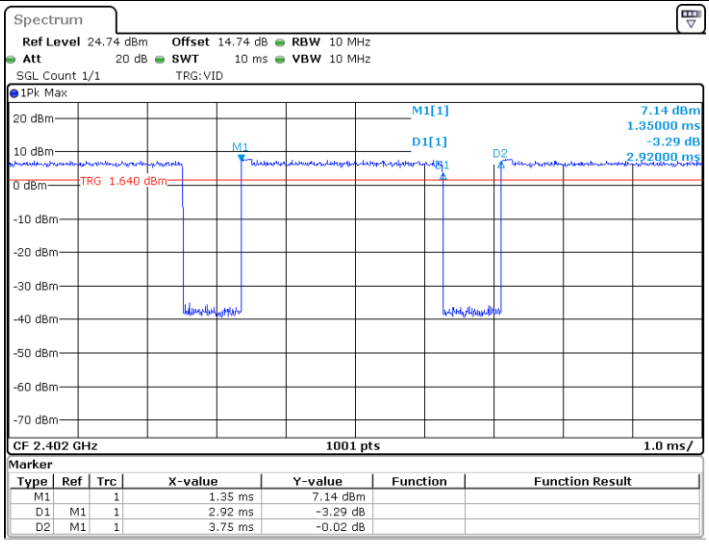
3DH5_Ant1_2402



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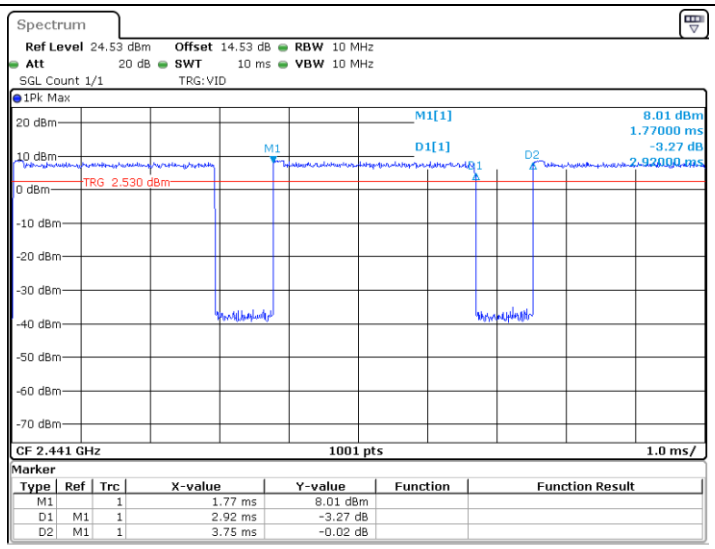
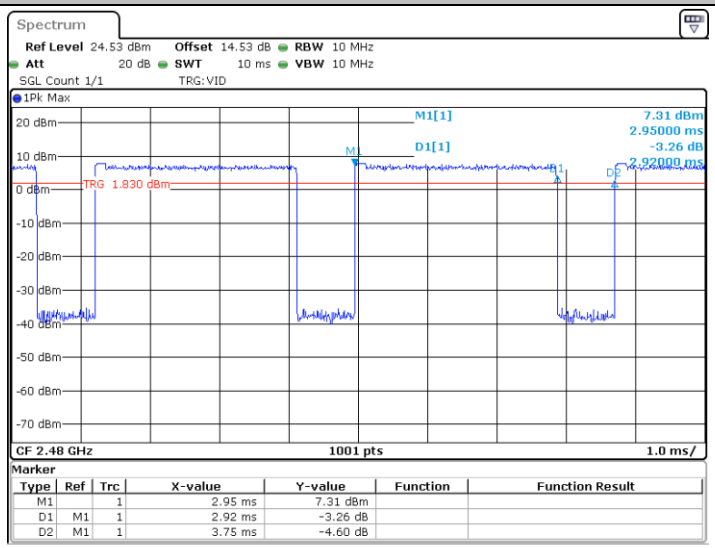
3DH5_Ant1_2441



Date: 9.APR.2026 17:42:49

3DH5_Ant1_2480



Date: 9.APR.2026 17:43:47