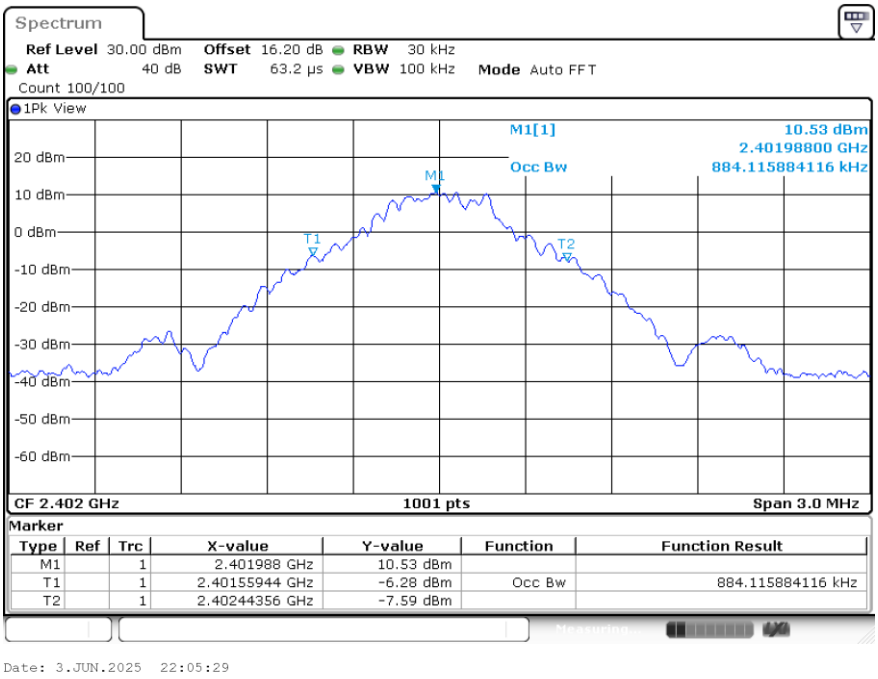
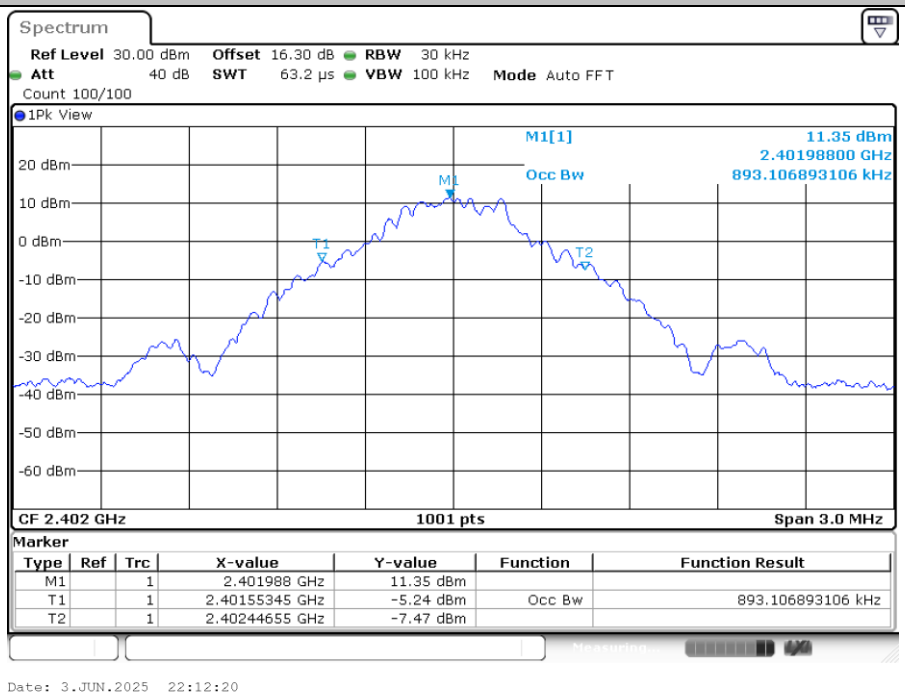
Test Graphs

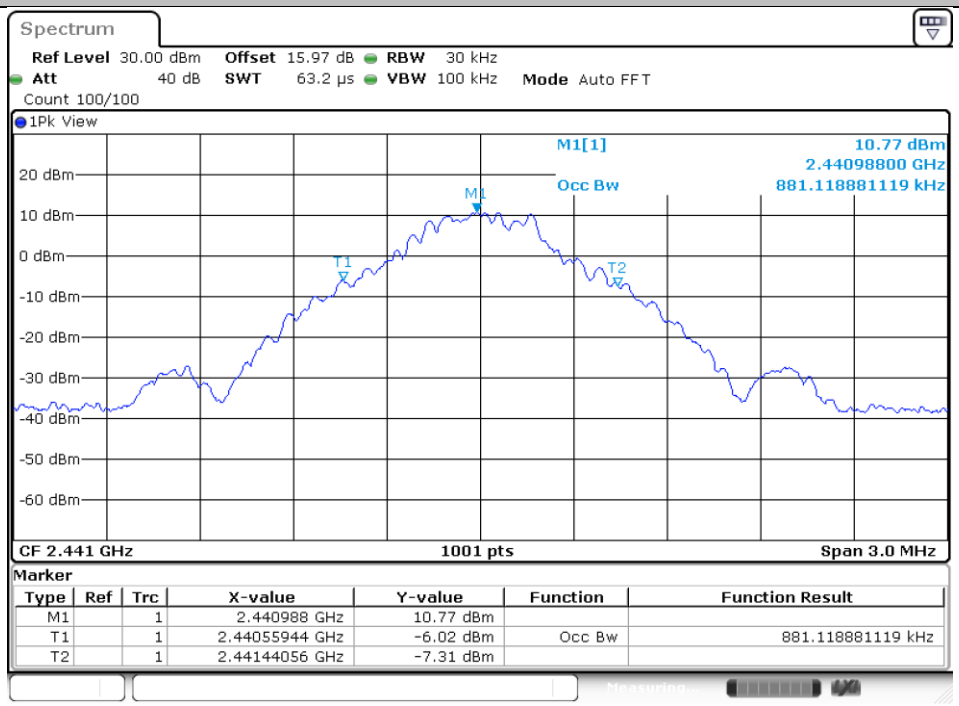
DH5_Ant10_2402



DH5_Ant8_2402

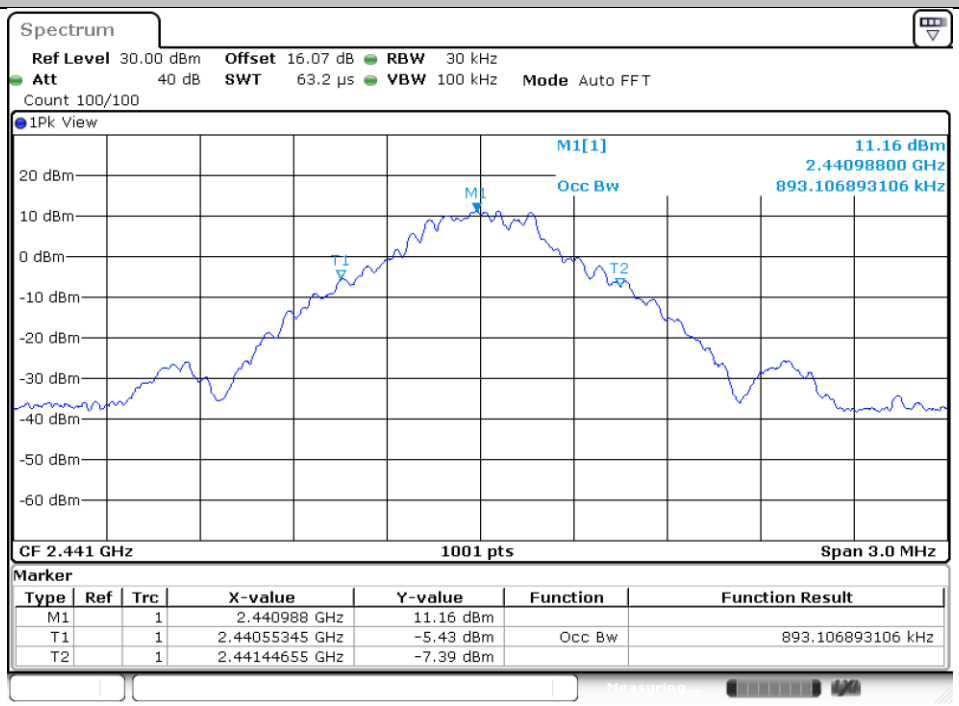


DH5_Ant10_2441



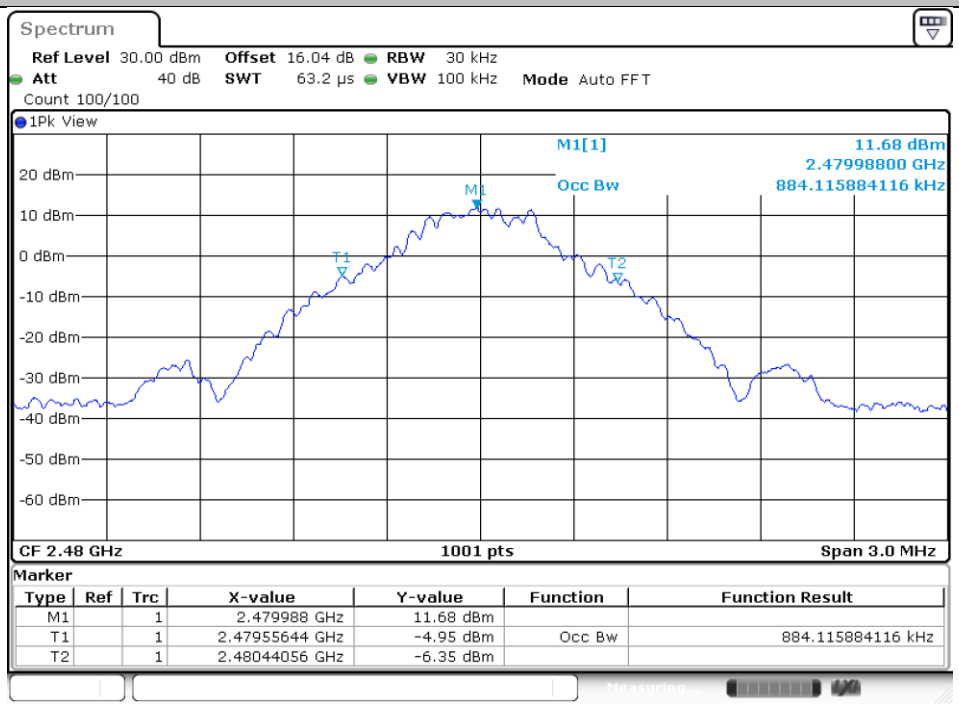
Date: 3.JUN.2025 22:07:17

DH5_Ant8_2441



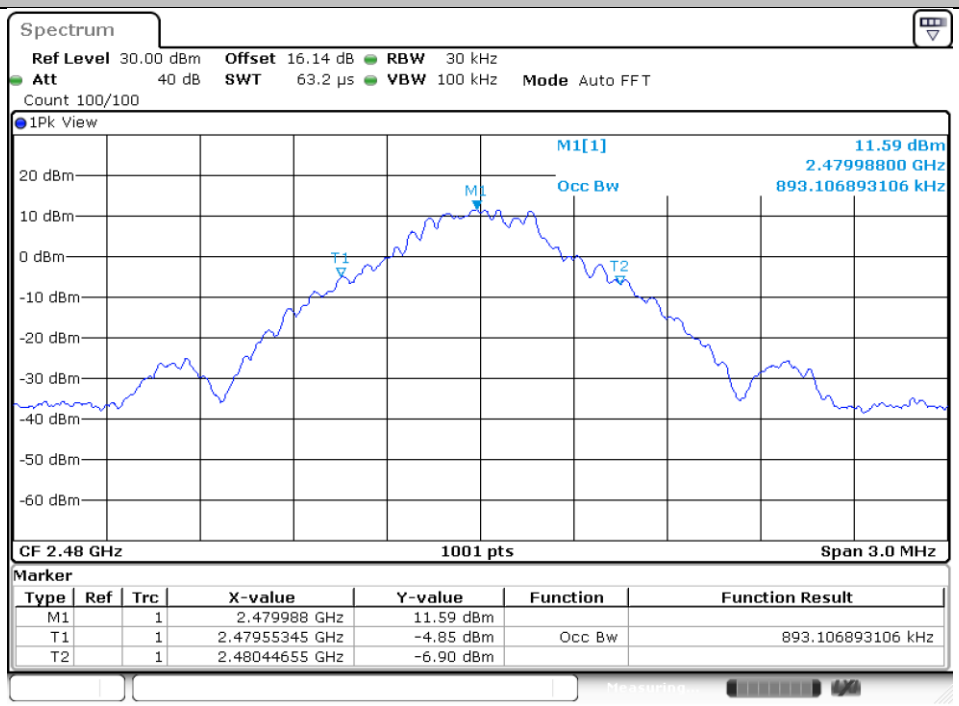
Date: 3.JUN.2025 22:13:40

DH5_Ant10_2480



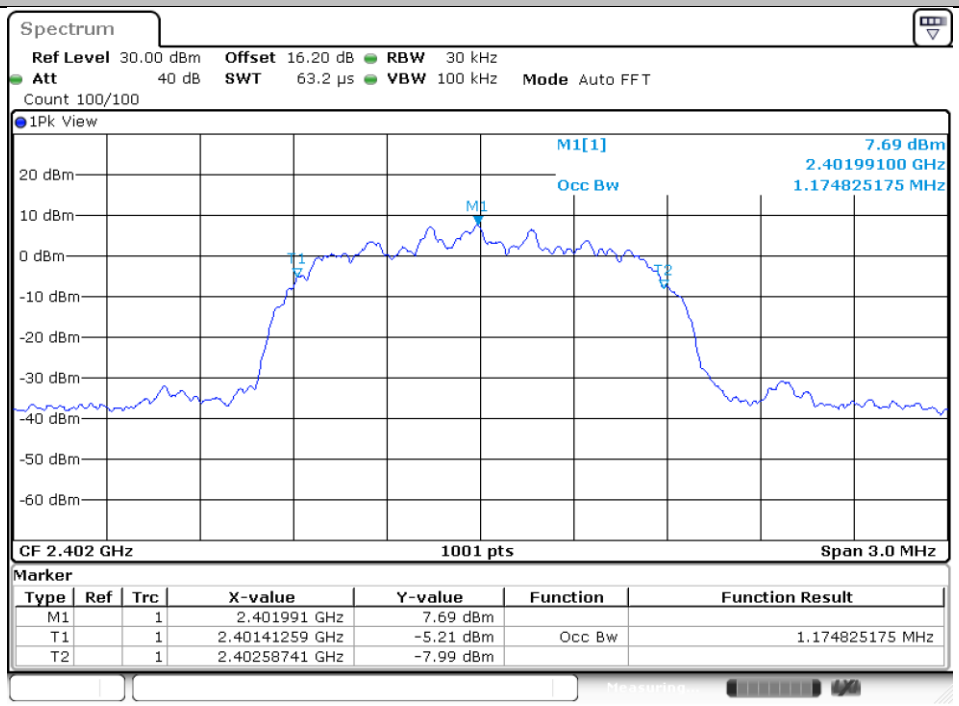
Date: 3.JUN.2025 22:09:49

DH5_Ant8_2480



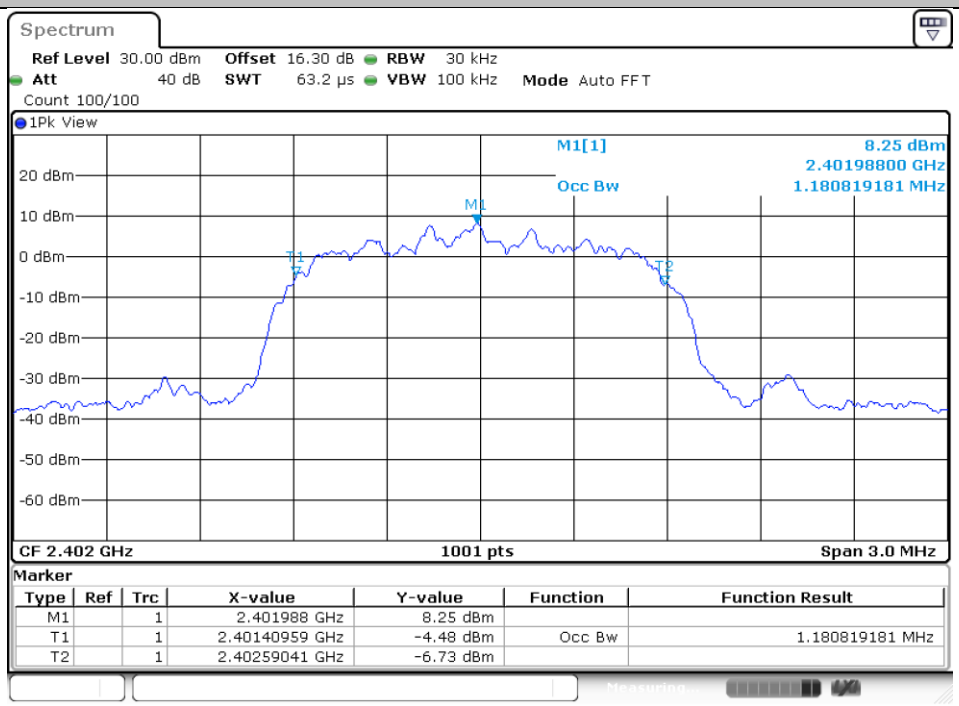
Date: 3.JUN.2025 22:14:46

2DH5_Ant10_2402



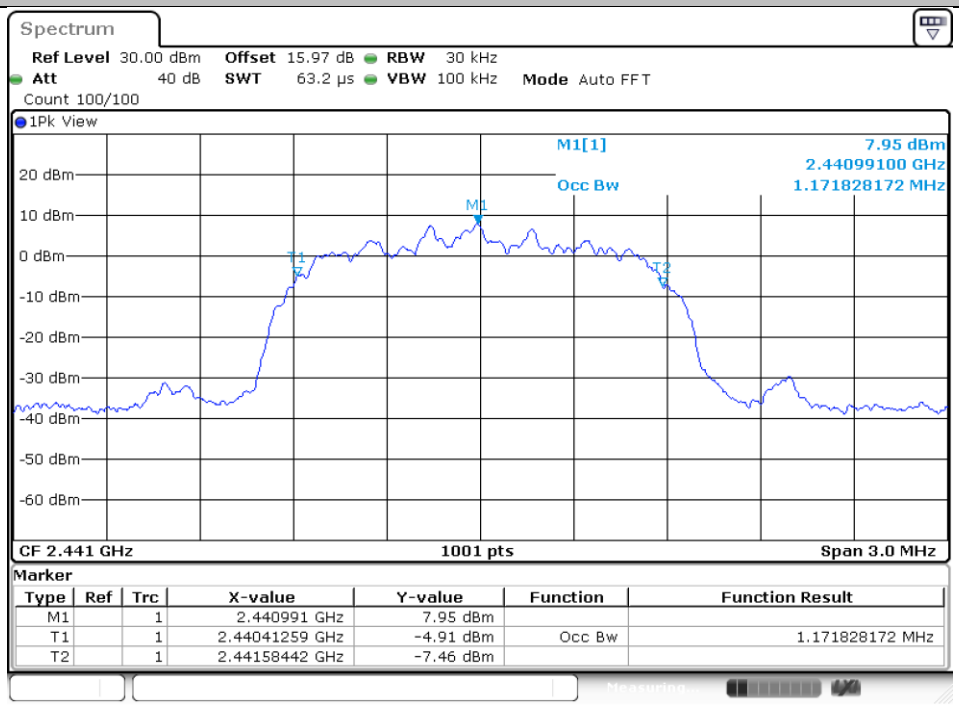
Date: 3.JUN.2025 22:57:32

2DH5_Ant8_2402



Date: 3.JUN.2025 23:07:45

2DH5_Ant10_2441



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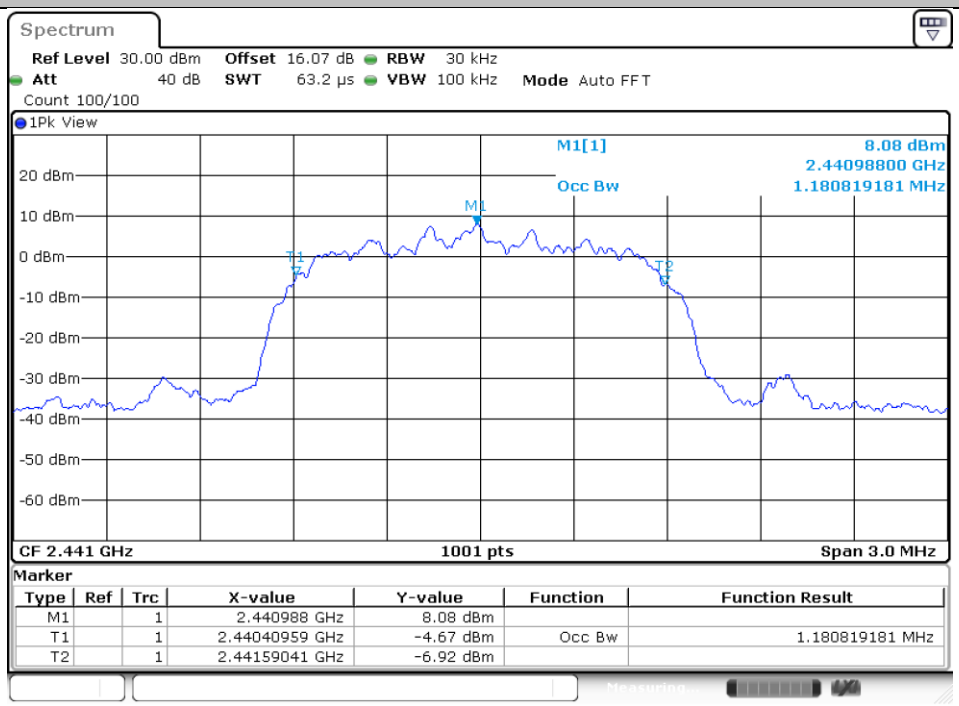

Date: 3.JUN.2025 23:09:05

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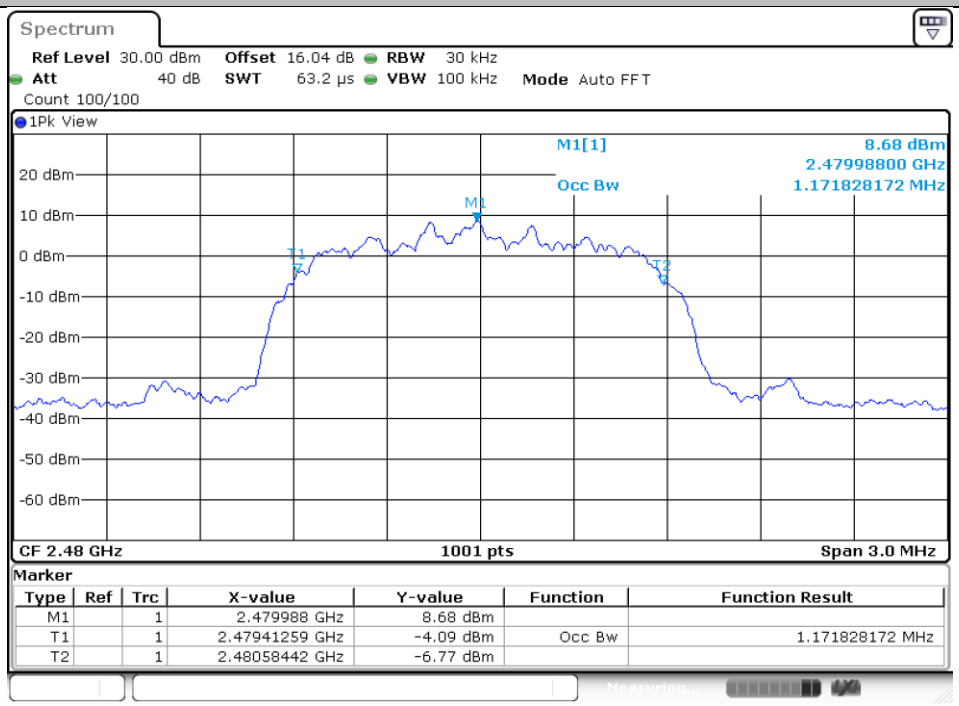

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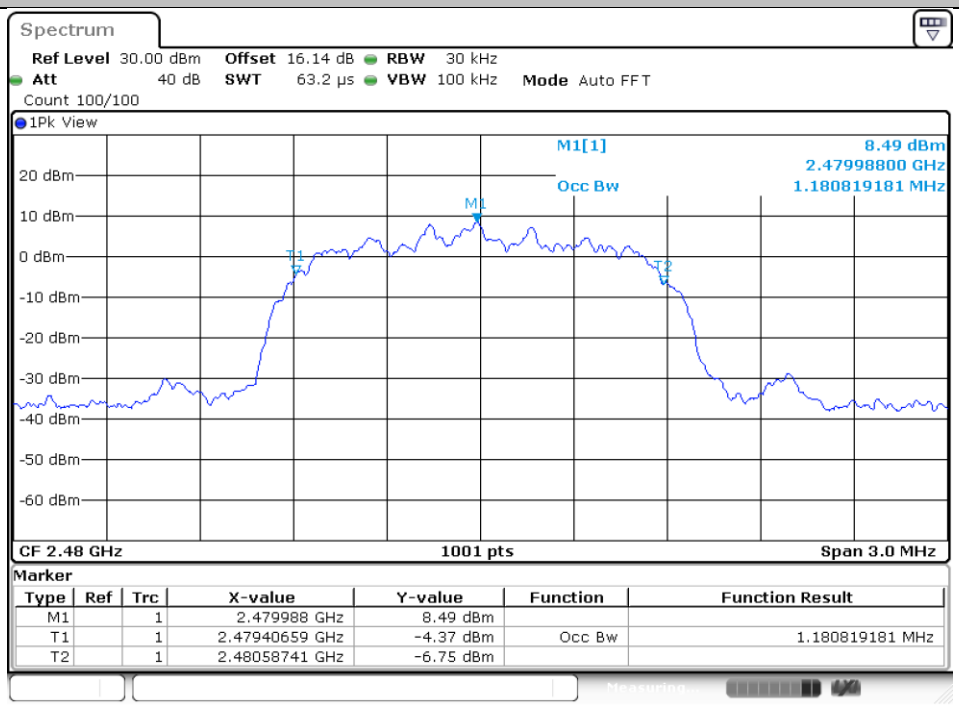

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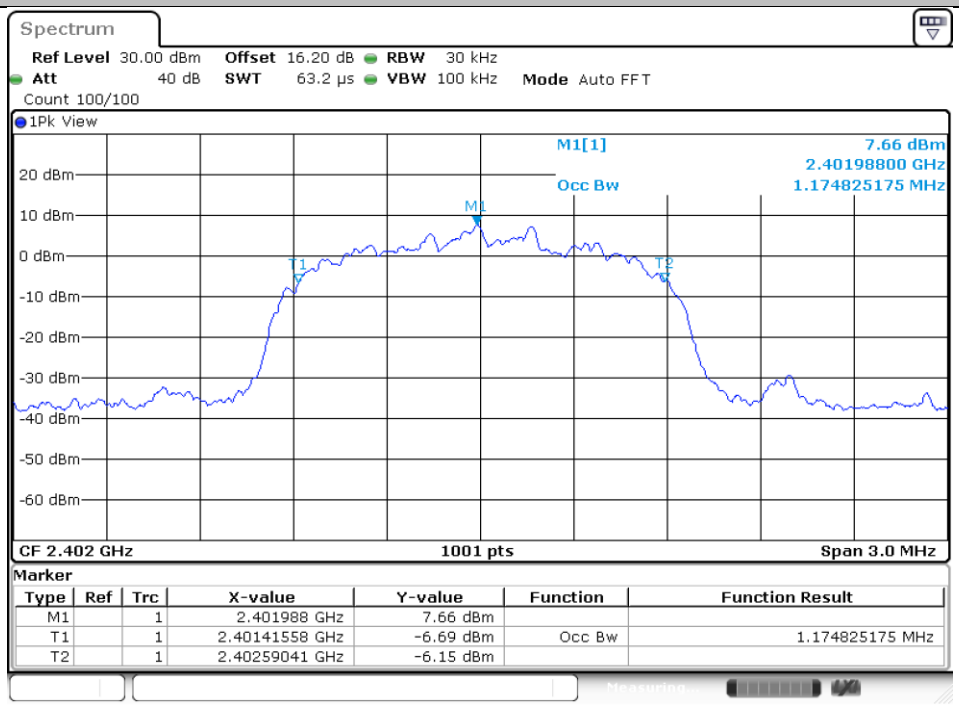

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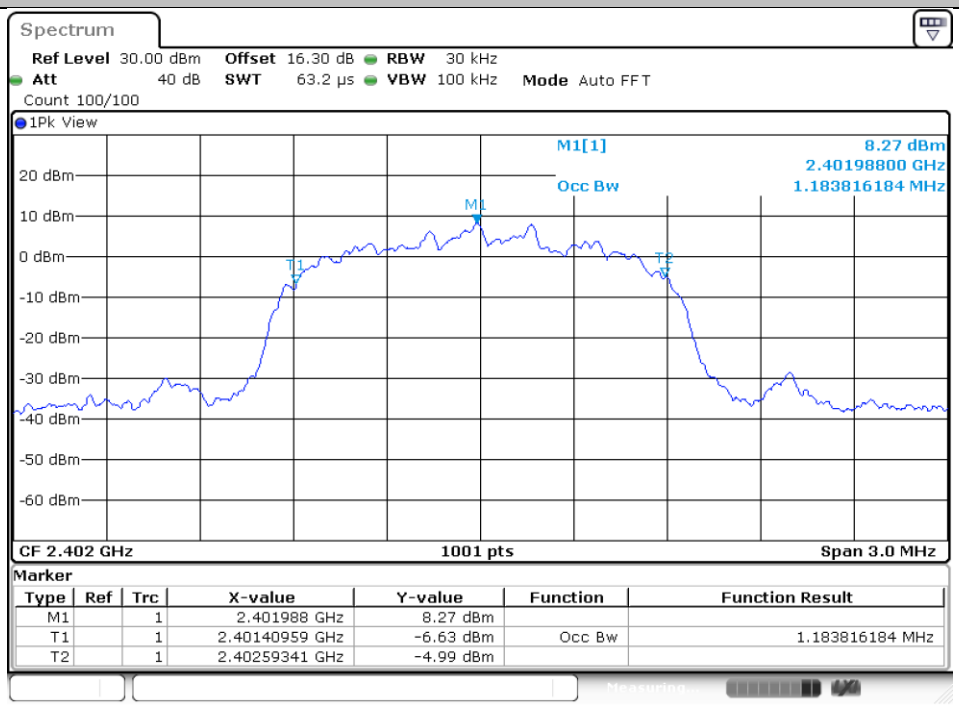
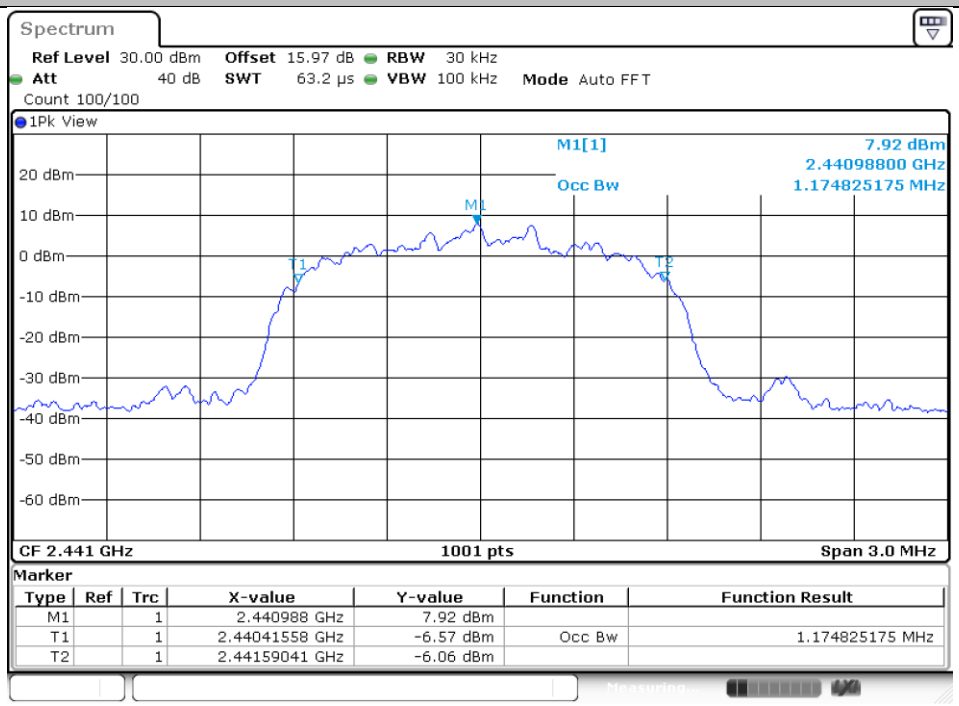


3DH5_Ant10_2441



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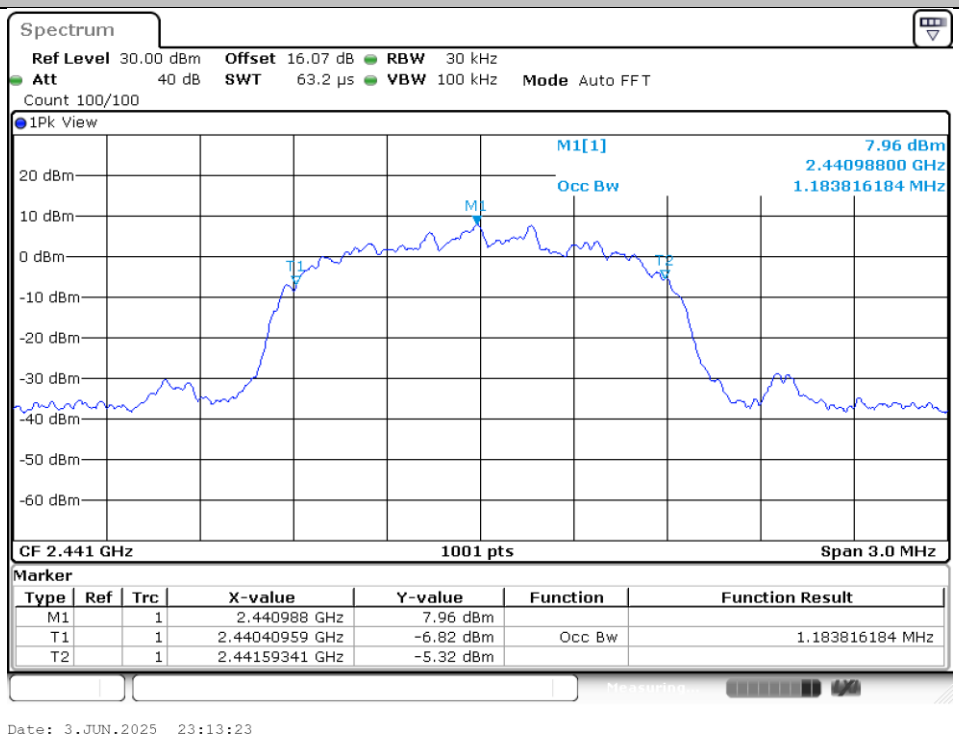
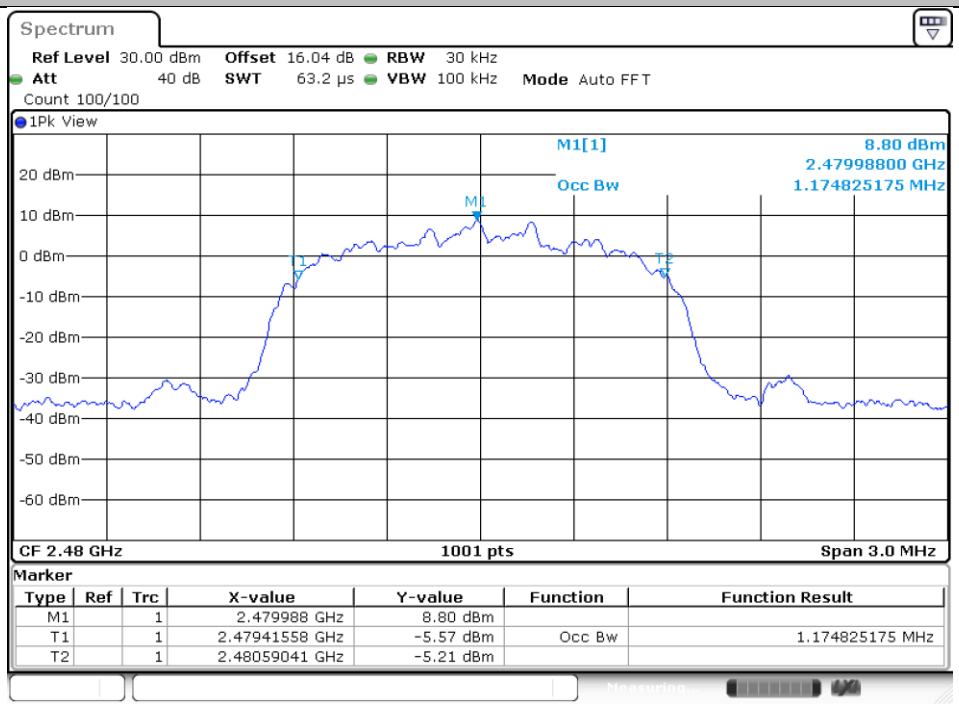
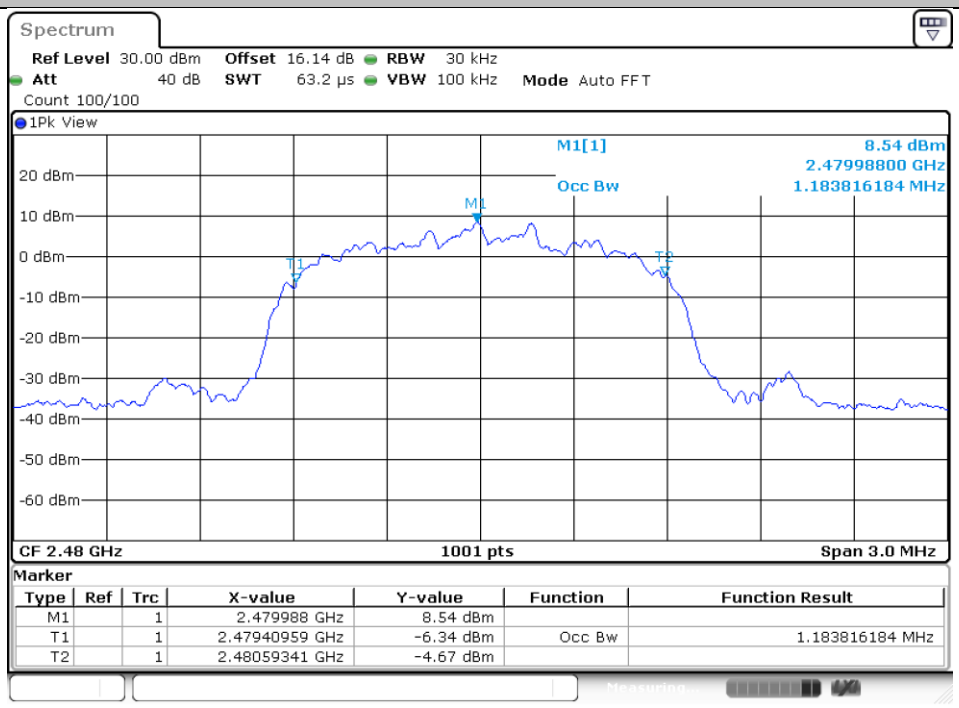


3DH5_Ant10_2480



3DH5_Ant8_2480



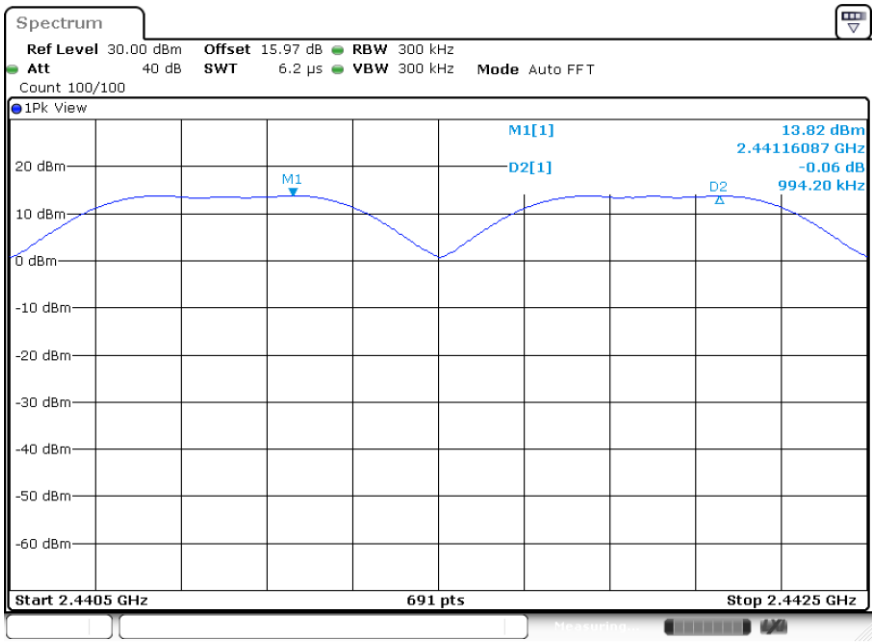
Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant10	Hop	0.994	≥0.640	PASS
	Ant8	Hop	1	≥0.647	PASS
2DH5	Ant10	Hop	0.991	≥0.873	PASS
	Ant8	Hop	0.997	≥0.880	PASS
3DH5	Ant10	Hop	0.945	≥0.873	PASS
	Ant8	Hop	1.029	≥0.873	PASS

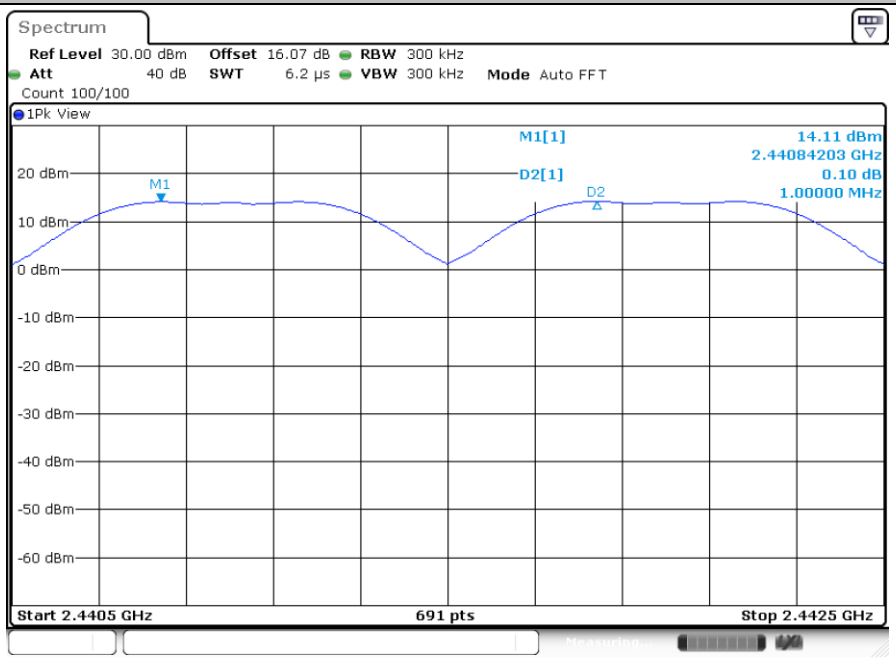
Test Graphs

DH5_Ant10_Hop



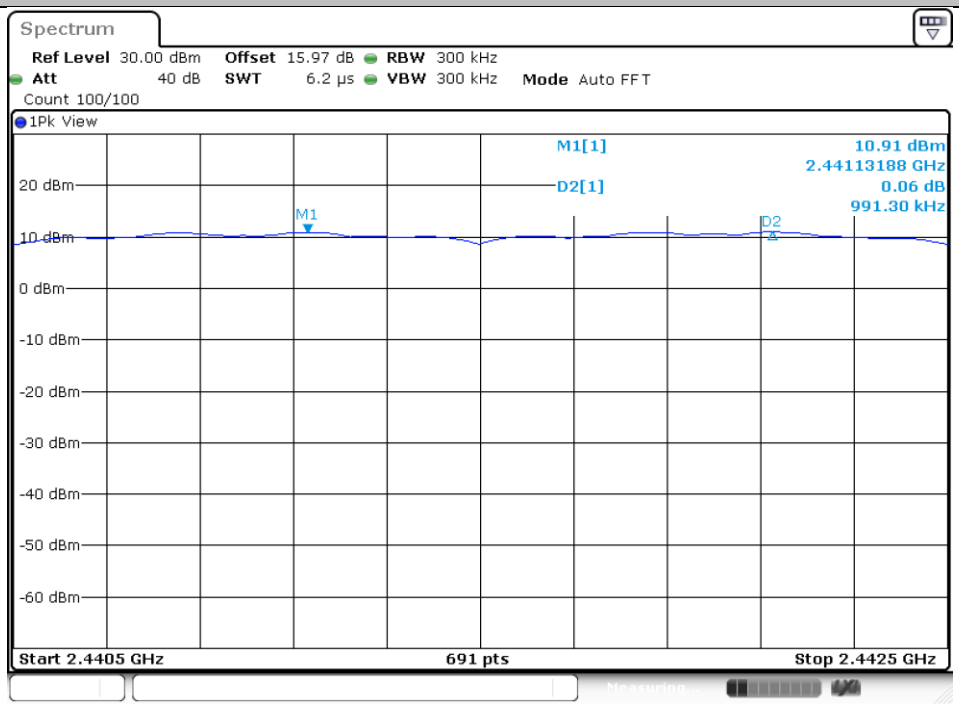
Date: 3.JUN.2025 22:54:13

DH5_Ant8_Hop



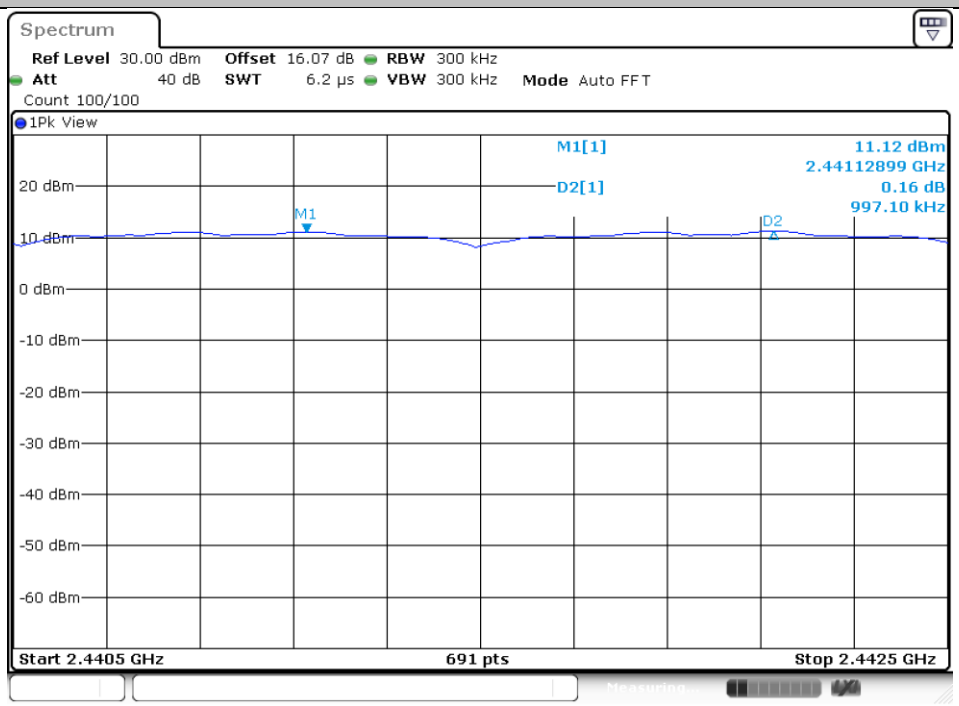
Date: 3.JUN.2025 22:56:23

2DH5_Ant10_Hop



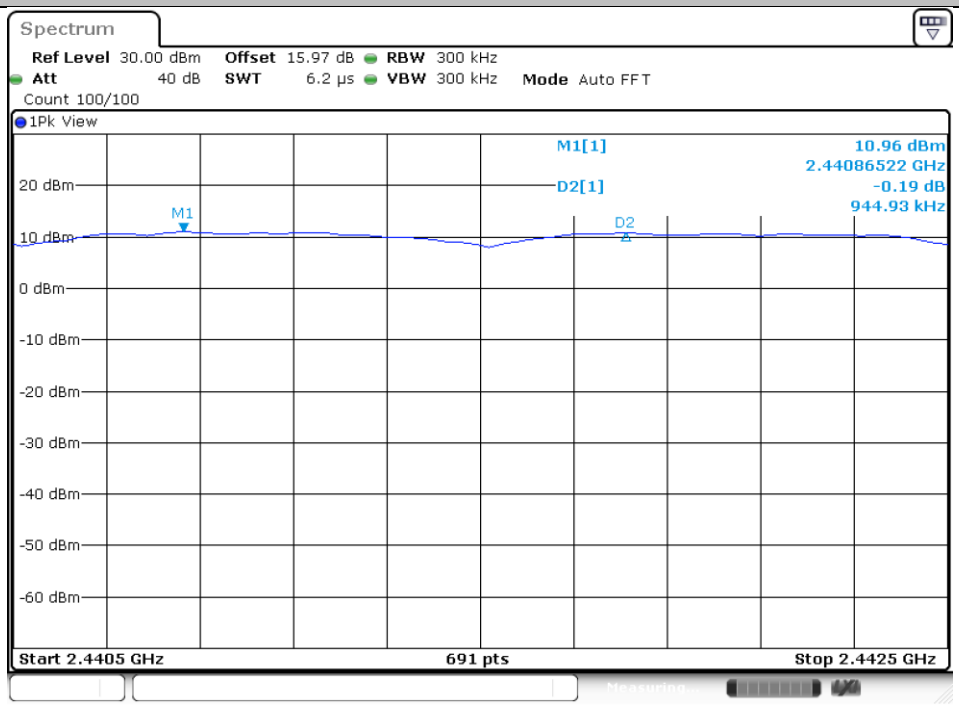
Date: 3.JUN.2025 23:21:19

2DH5_Ant8_Hop



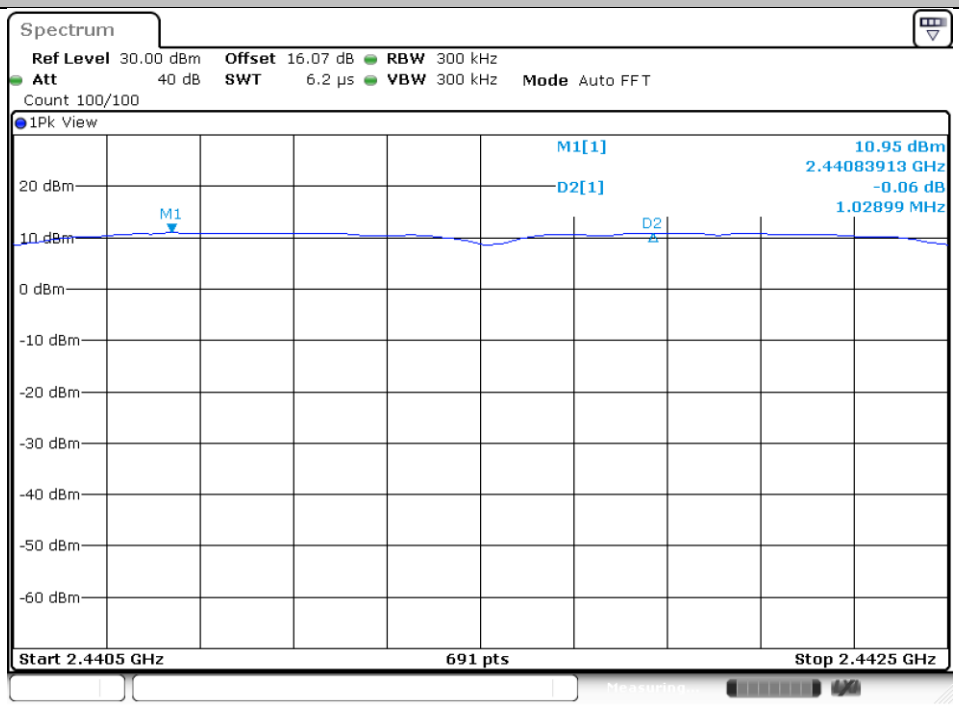
Date: 3.JUN.2025 23:16:24

3DH5_Ant10_Hop



Date: 3.JUN.2025 23:21:43

3DH5_Ant8_Hop



Date: 3.JUN.2025 23:18:44

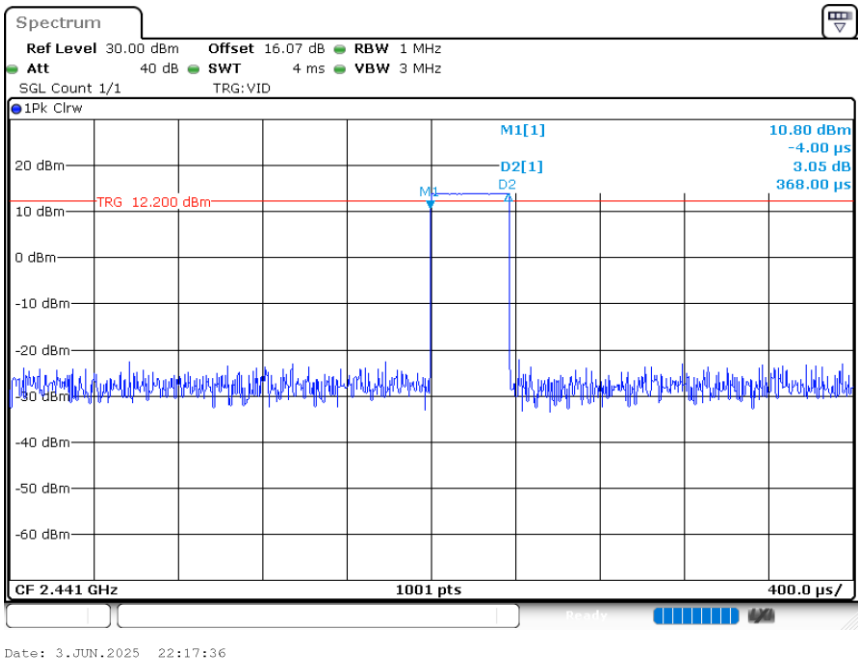
Time of occupancy

Test Result

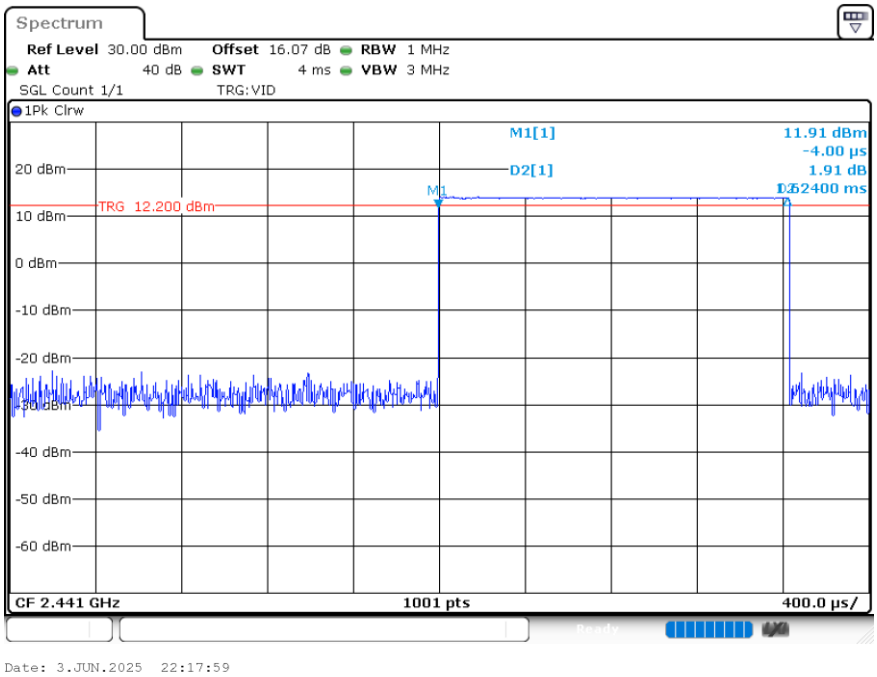
Mod.	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec)	Package Transfer Time (msec)	Dwell Time (sec)	Limits (sec)	Pass/Fail
			Ant 10+8				
Nomal	79	106.67	2.88		0.31	0.4	Pass
AFH	20	53.33	2.88		0.15	0.4	Pass

Test Graphs

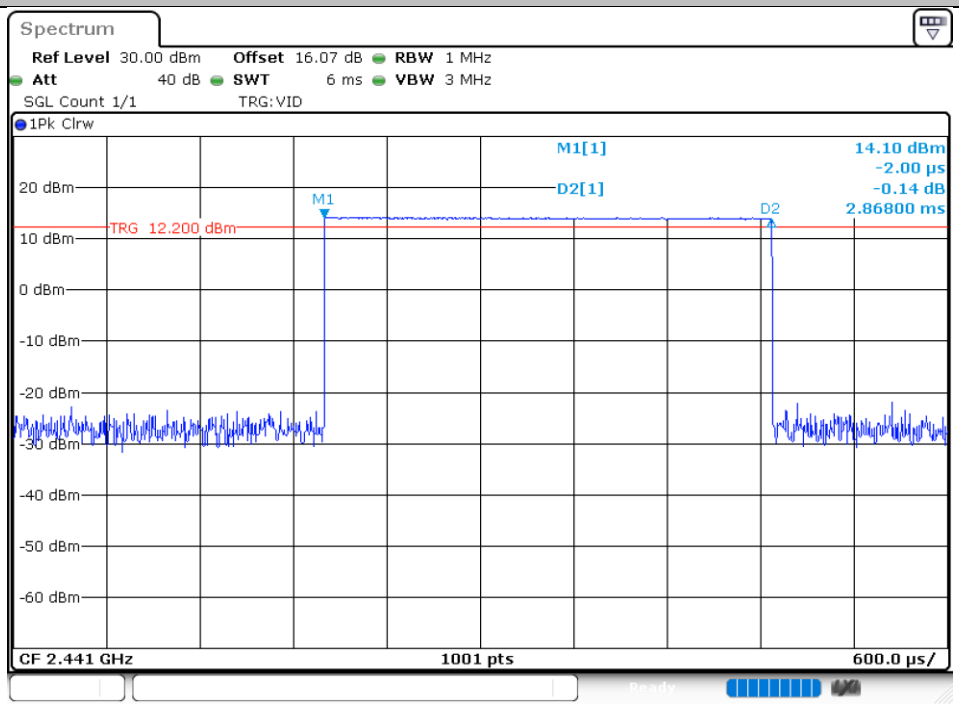
DH1_Ant10+Ant8_Hop



DH3_Ant10+Ant8_Hop

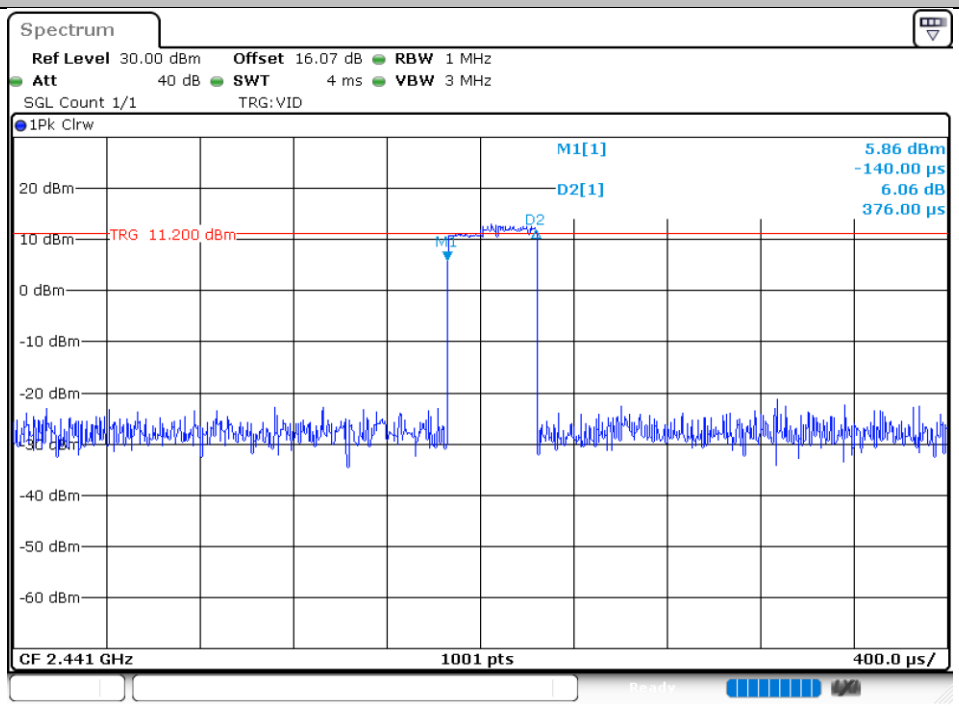


DH5_Ant10+Ant8_Hop



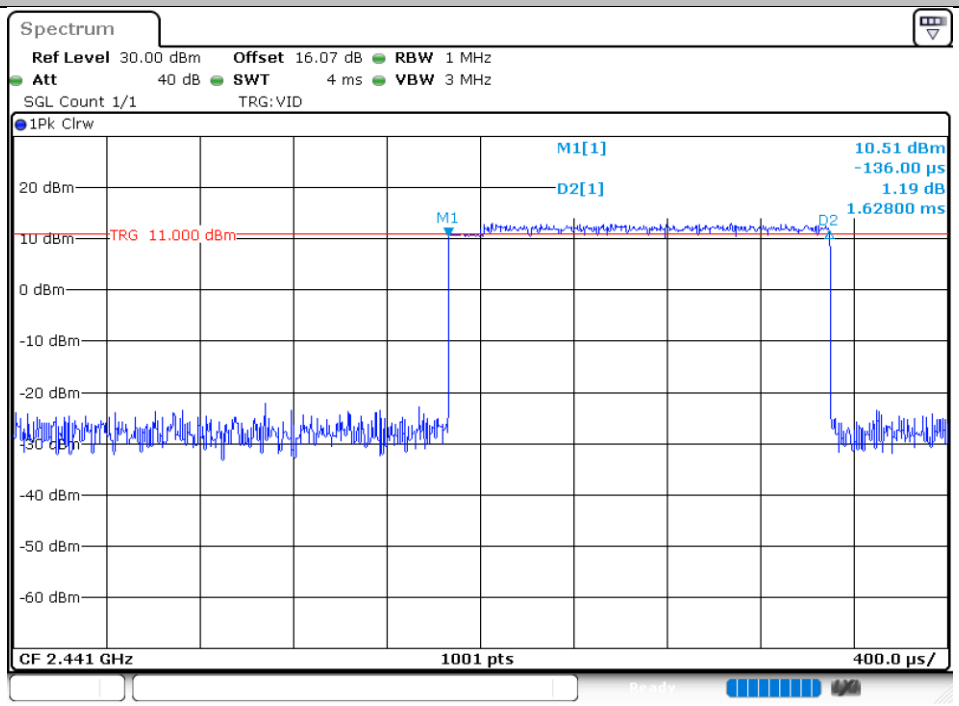
Date: 3.JUN.2025 22:17:07

2DH1_Ant10+Ant8_Hop



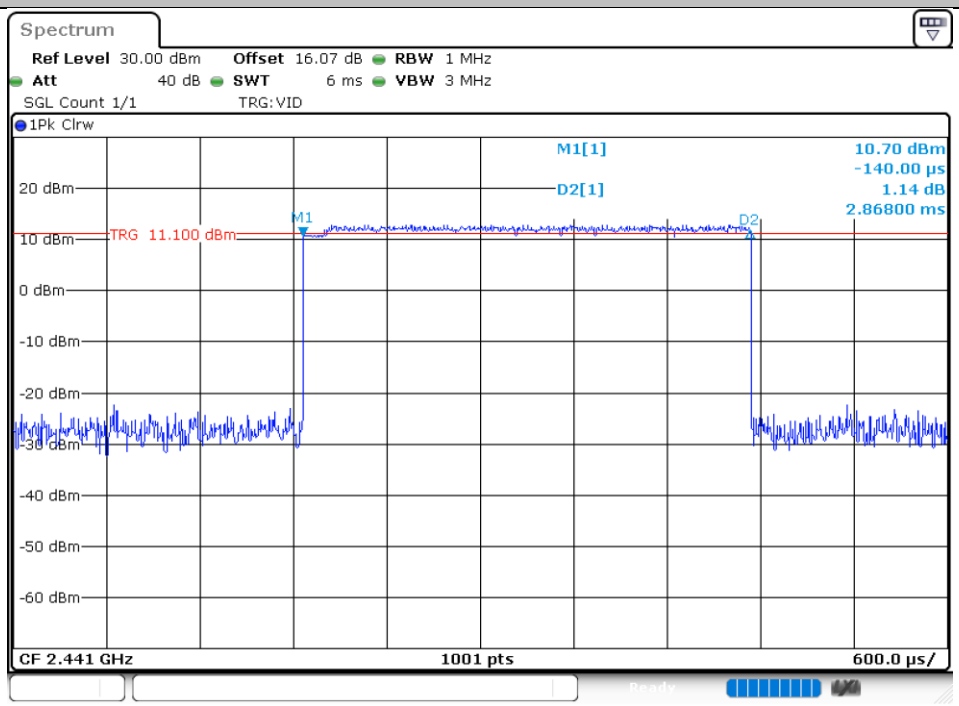
Date: 3.JUN.2025 23:17:10

2DH3_Ant10+Ant8_Hop



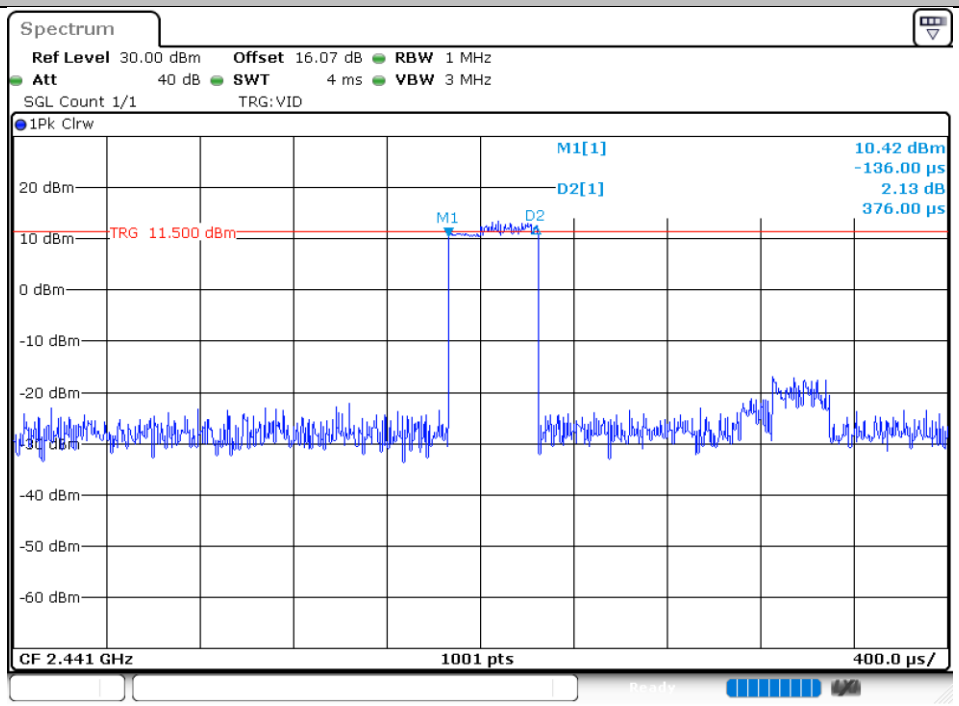
Date: 3.JUN.2025 23:17:53

2DH5_Ant10+Ant8_Hop



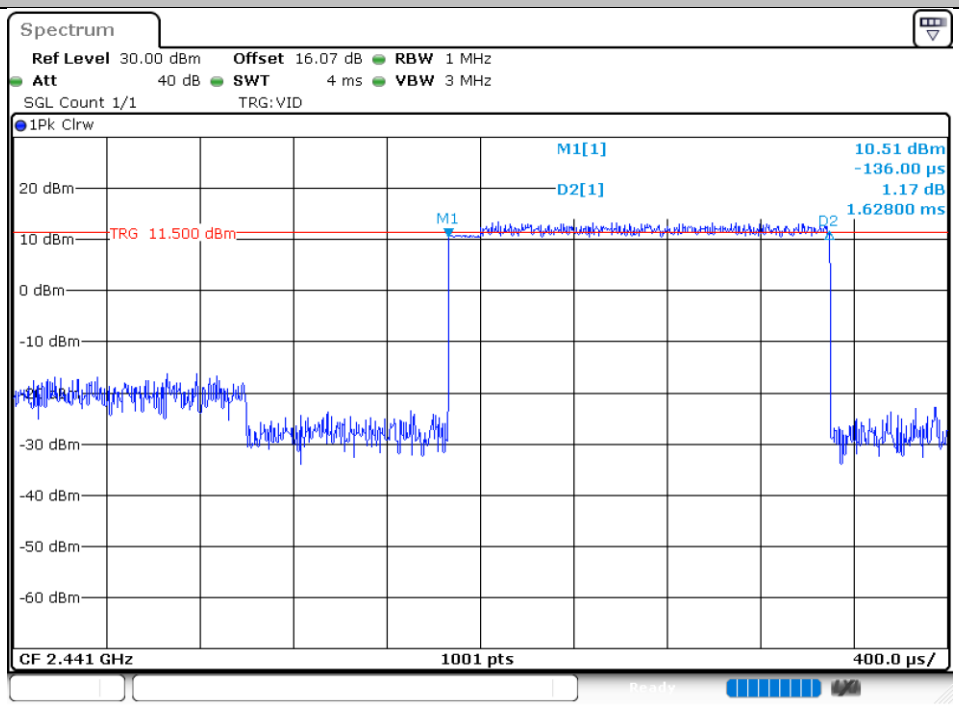
Date: 3.JUN.2025 23:16:46

3DH1_Ant10+Ant8_Hop



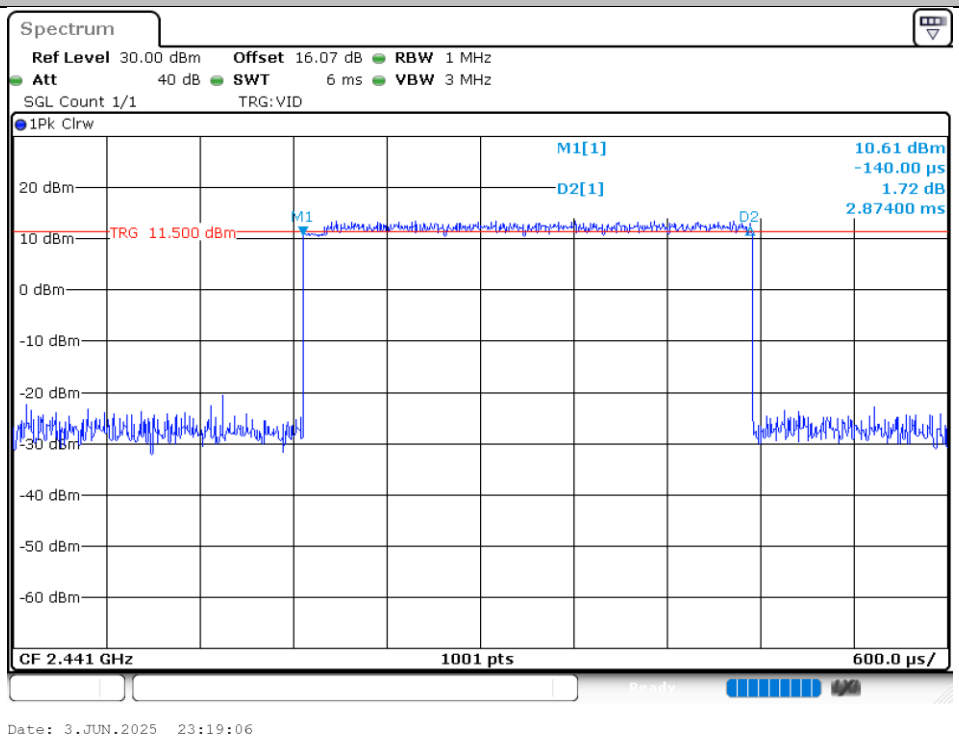
Date: 3.JUN.2025 23:19:29

3DH3_Ant10+Ant8_Hop



Date: 3.JUN.2025 23:19:54

3DH5_Ant10+Ant8_Hop



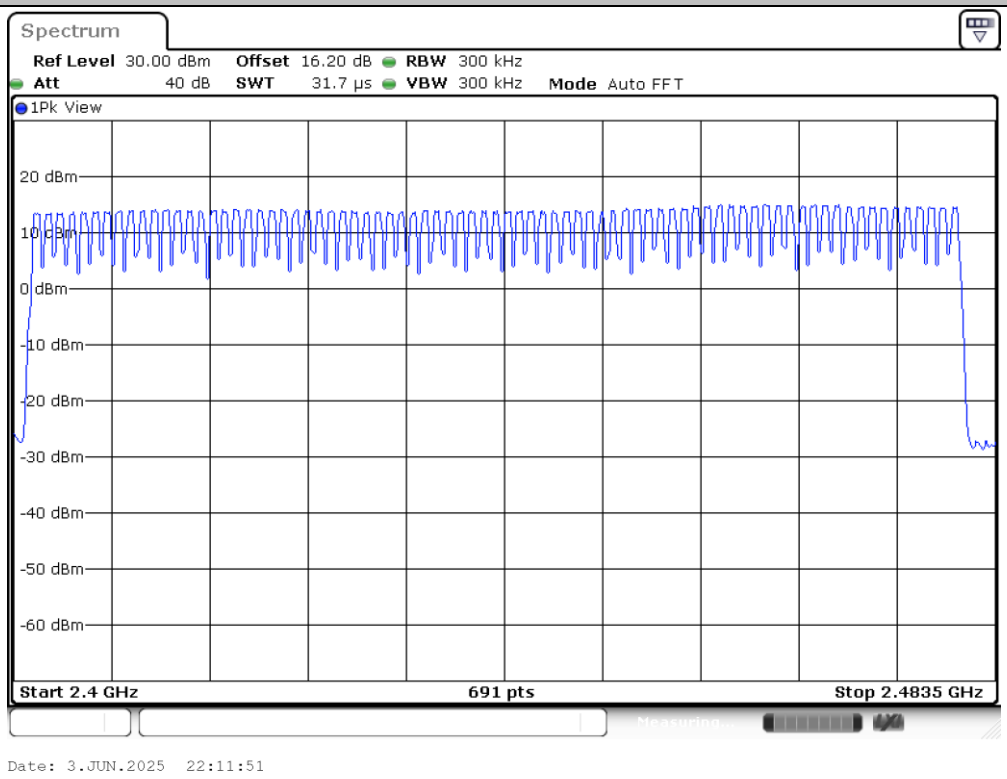
Number of hopping channels

Test Result

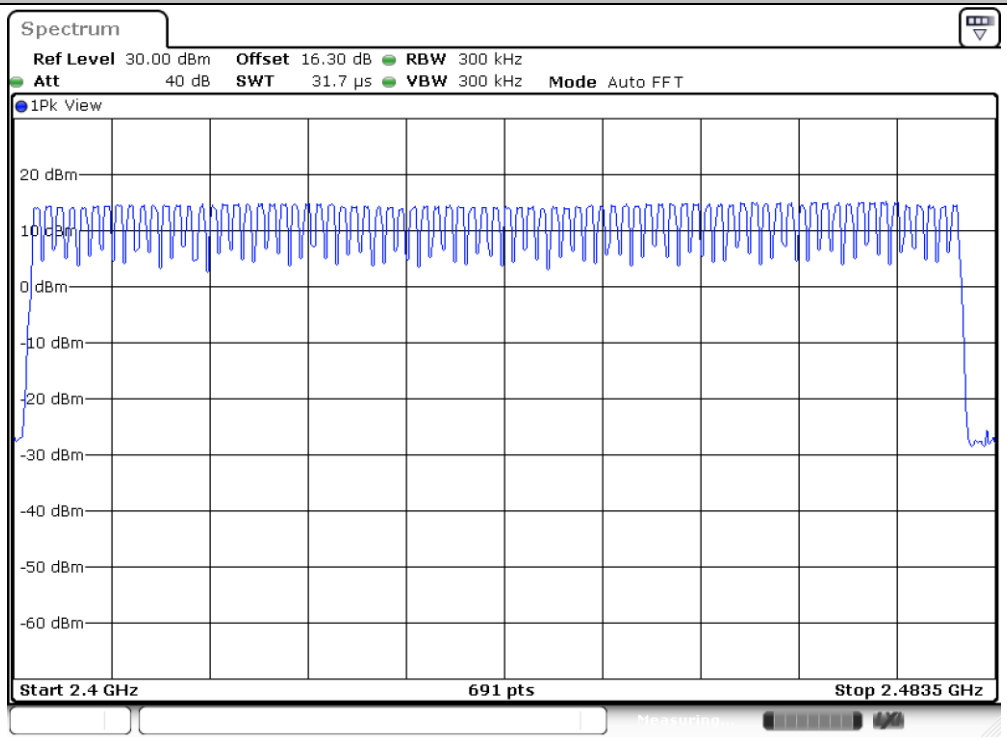
TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant10	Hop	79	≥15	PASS
	Ant8	Hop	79	≥15	PASS

Test Graphs

DH5_Ant10_Hop



DH5_Ant8_Hop


Spectrum
Ref Level 30.00 dBm Offset 16.30 dB RBW 300 kHz
Att 40 dB SWT 31.7 µs VBW 300 kHz Mode Auto FFT
1Pk View
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
Start 2.4 GHz
691 pts
Stop 2.4835 GHz
Date: 3.JUN.2025 22:16:46

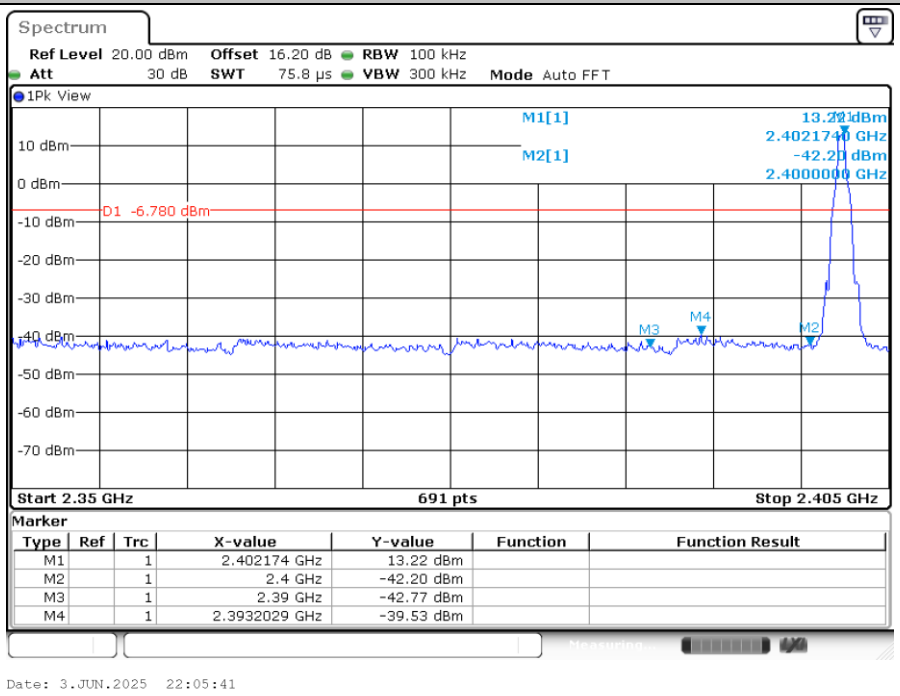
Band edge measurements

Test Result

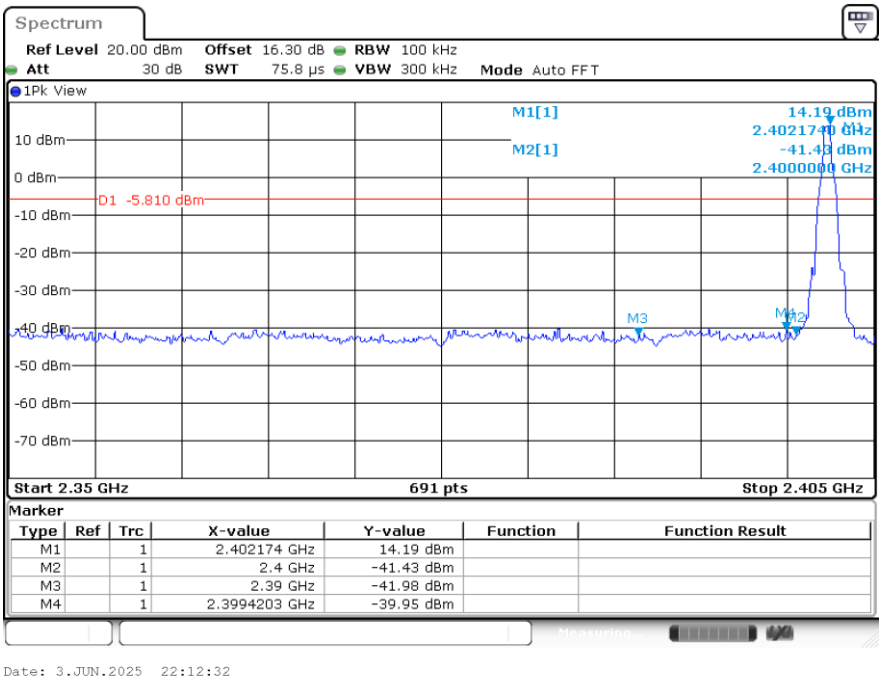
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant10	Low	2402	13.22	-39.53	≤-6.78	PASS
	Ant8	Low	2402	14.19	-39.95	≤-5.81	PASS
	Ant10	High	2480	14.27	-39.24	≤-5.73	PASS
	Ant8	High	2480	14.48	-39.4	≤-5.52	PASS
	Ant10	Low	Hop_2402	12.59	-39.87	≤-7.41	PASS
	Ant8	Low	Hop_2402	13.41	-39.24	≤-6.59	PASS
	Ant10	High	Hop_2480	14.18	-38.55	≤-5.82	PASS
	Ant8	High	Hop_2480	14.33	-39.04	≤-5.67	PASS
2DH5	Ant10	Low	2402	10.33	-37.82	≤-9.67	PASS
	Ant8	Low	2402	10.70	-39.16	≤-9.3	PASS
	Ant10	High	2480	11.31	-39.16	≤-8.69	PASS
	Ant8	High	2480	10.67	-39.09	≤-9.33	PASS
	Ant10	Low	Hop_2402	9.03	-40.34	≤-10.97	PASS
	Ant8	Low	Hop_2402	8.21	-39.62	≤-11.79	PASS
	Ant10	High	Hop_2480	11.02	-38.86	≤-8.98	PASS
	Ant8	High	Hop_2480	10.04	-38.72	≤-9.96	PASS
3DH5	Ant10	Low	2402	10.58	-40.14	≤-9.42	PASS
	Ant8	Low	2402	10.19	-39.56	≤-9.81	PASS
	Ant10	High	2480	11.57	-39.08	≤-8.43	PASS
	Ant8	High	2480	11.20	-37.83	≤-8.8	PASS
	Ant10	Low	Hop_2402	8.48	-39.98	≤-11.52	PASS
	Ant8	Low	Hop_2402	9.78	-38.57	≤-10.22	PASS
	Ant10	High	Hop_2480	10.21	-38.82	≤-9.79	PASS
	Ant8	High	Hop_2480	10.42	-39.15	≤-9.58	PASS

Test Graphs

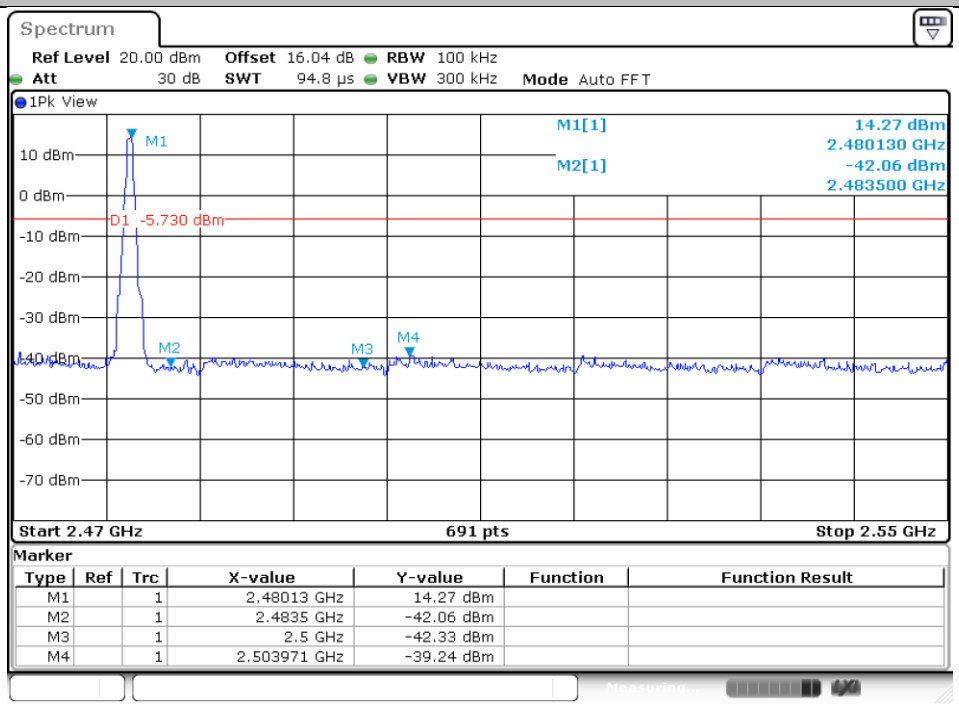
DH5_Ant10_Low_2402



DH5_Ant8_Low_2402

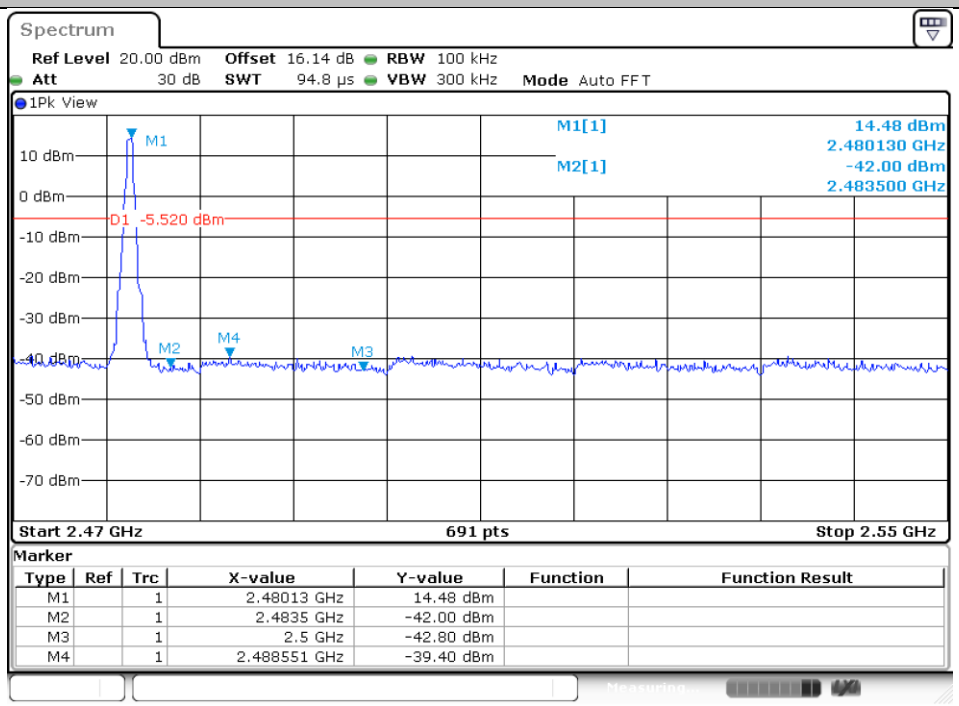


DH5_Ant10_High_2480



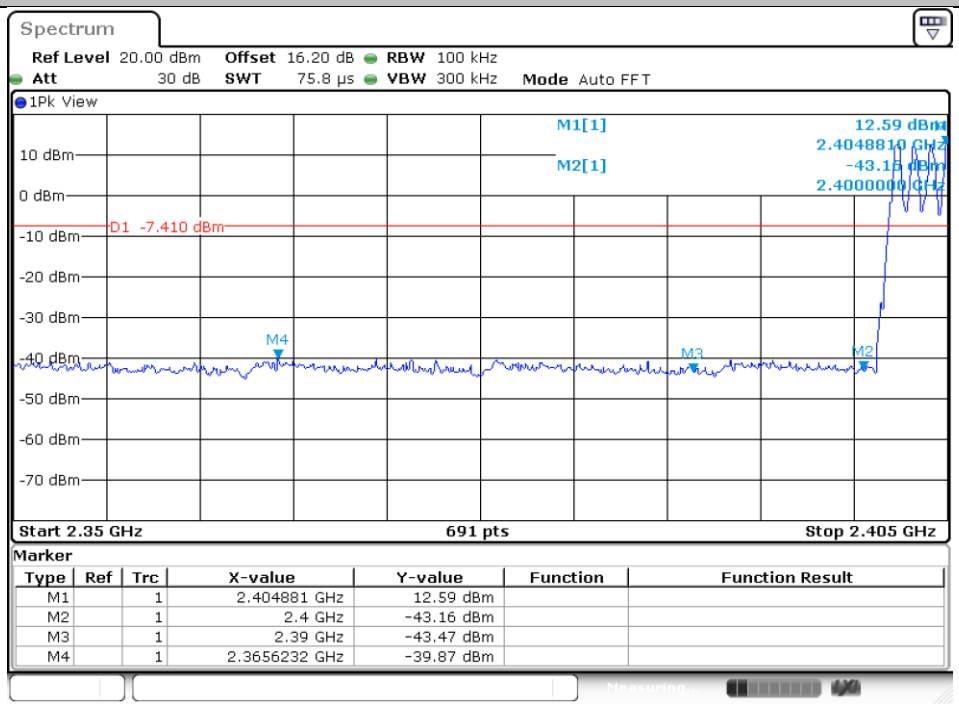
Date: 3.JUN.2025 22:10:01

DH5_Ant8_High_2480



Date: 3.JUN.2025 22:14:58

DH5_Ant10_Low_Hop_2402

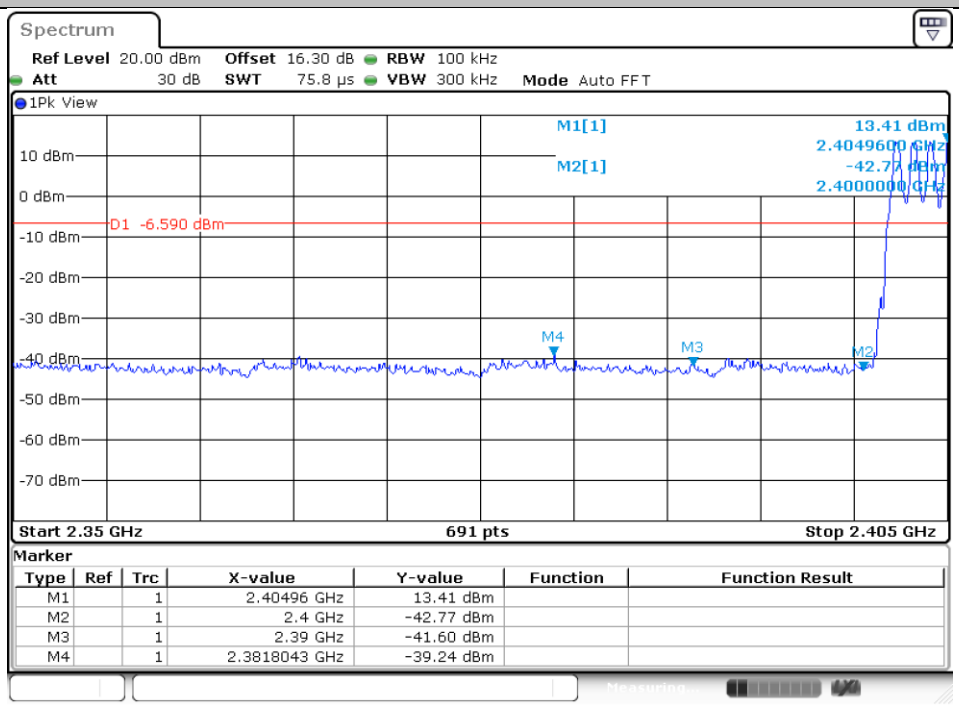


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.404881 GHz	12.59 dBm		
M2		1	2.4 GHz	-43.16 dBm		
M3		1	2.39 GHz	-43.47 dBm		
M4		1	2.3656232 GHz	-39.87 dBm		

Date: 3.JUN.2025 22:11:00

DH5_Ant8_Low_Hop_2402

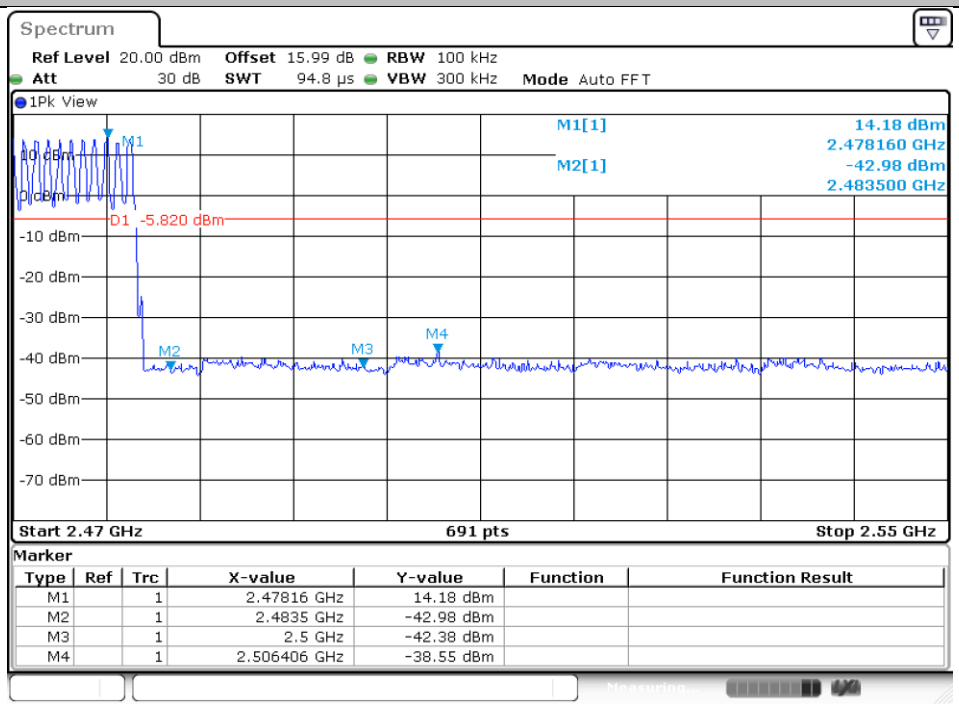


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40496 GHz	13.41 dBm		
M2		1	2.4 GHz	-42.77 dBm		
M3		1	2.39 GHz	-41.60 dBm		
M4		1	2.3818043 GHz	-39.24 dBm		

Date: 3.JUN.2025 22:15:55

DH5_Ant10_High_Hop_2480



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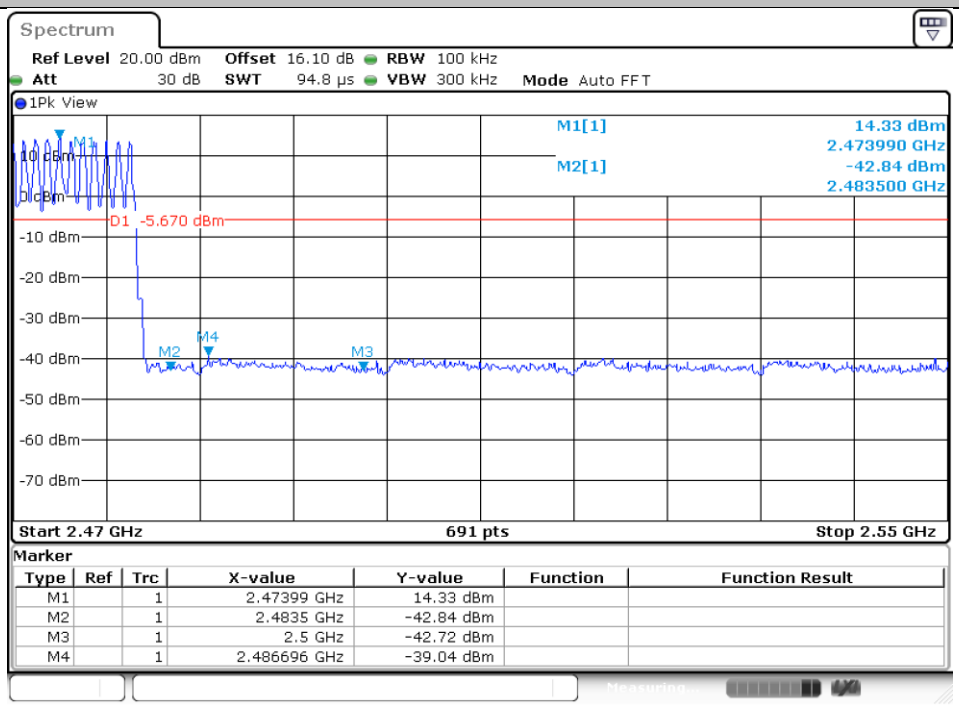
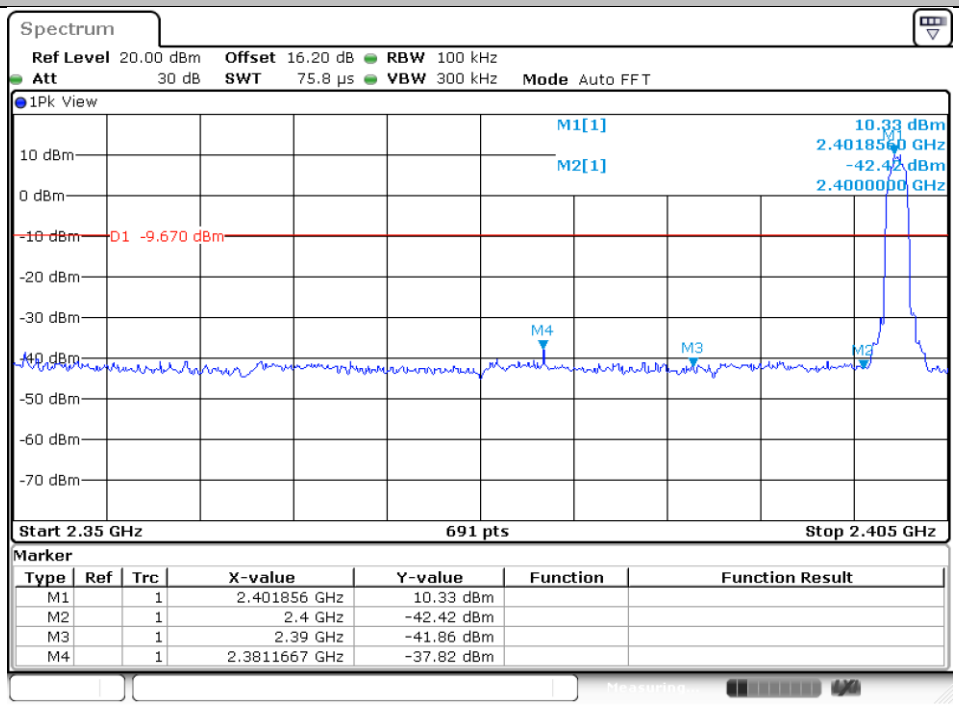
DH5_Ant8_High_Hop_2480

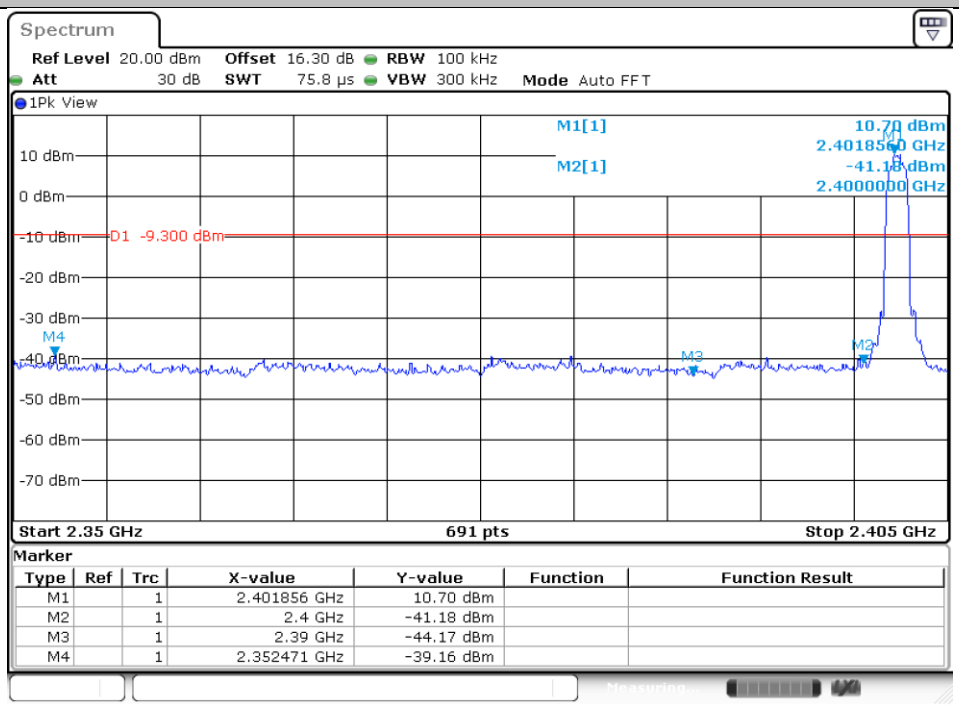


Date: 3.JUN.2025 22:16:07

2DH5_Ant10_Low_2402



2DH5_Ant8_Low_2402



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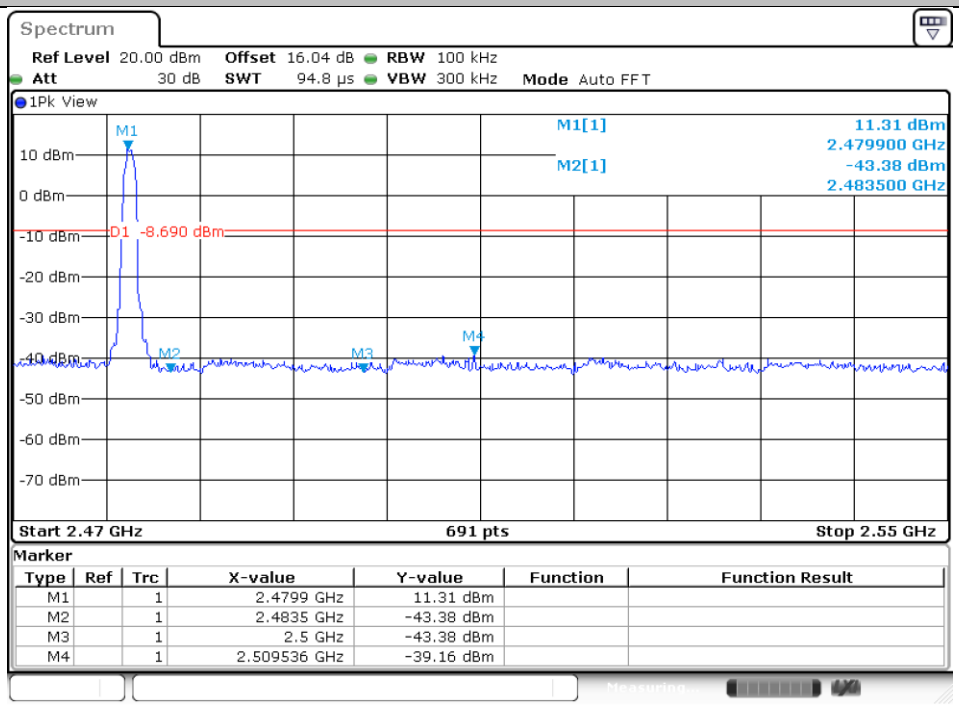

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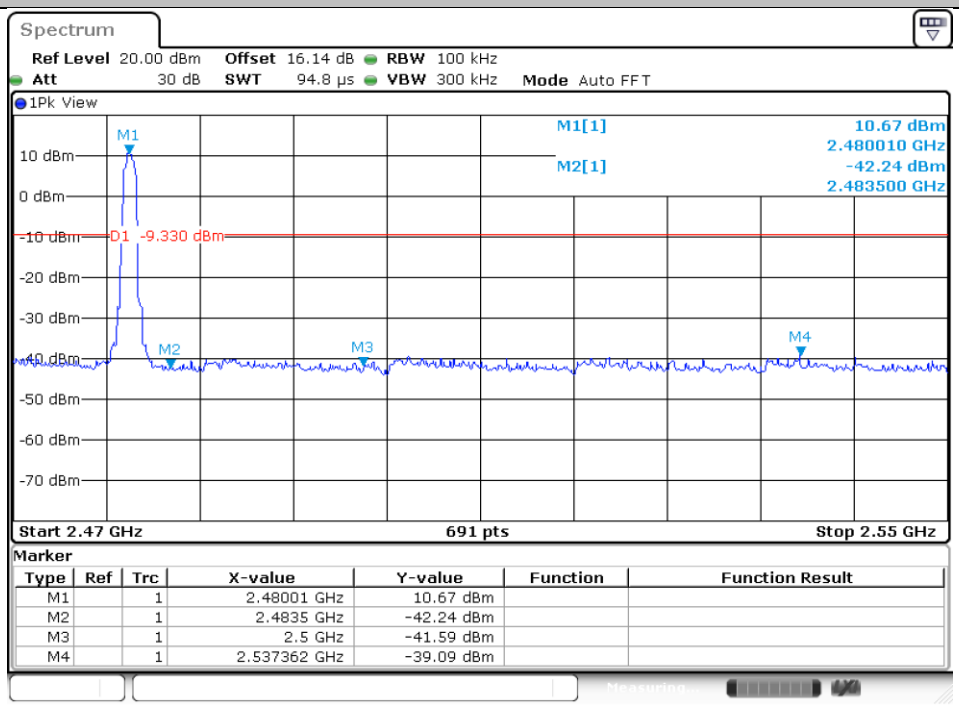
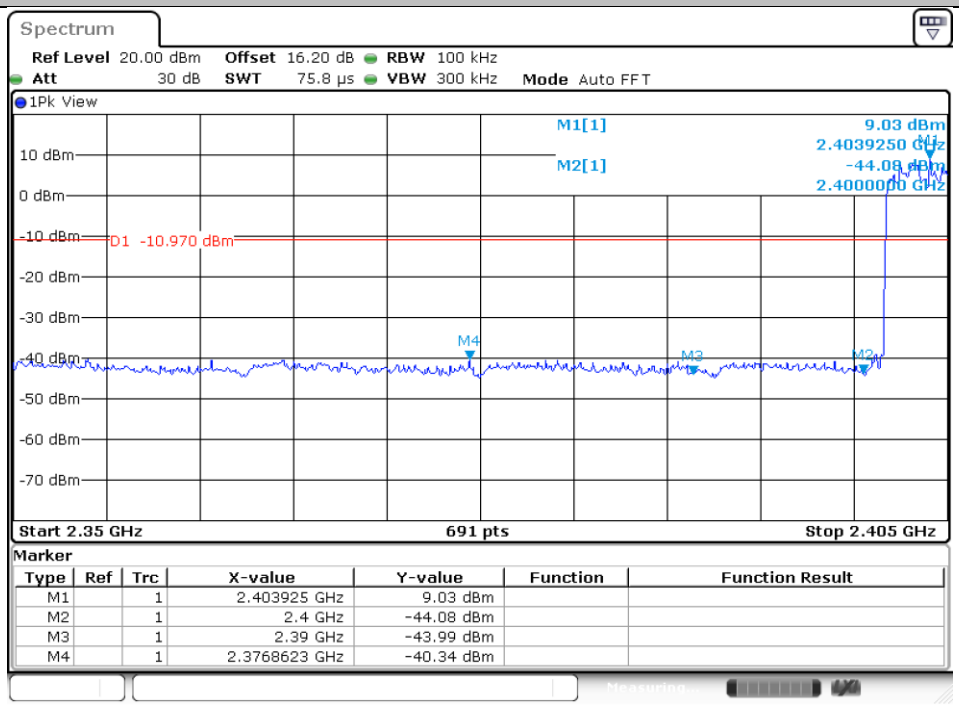


Date: 3.JUN.2025 23:10:40

2DH5_Ant10_Low_Hop_2402



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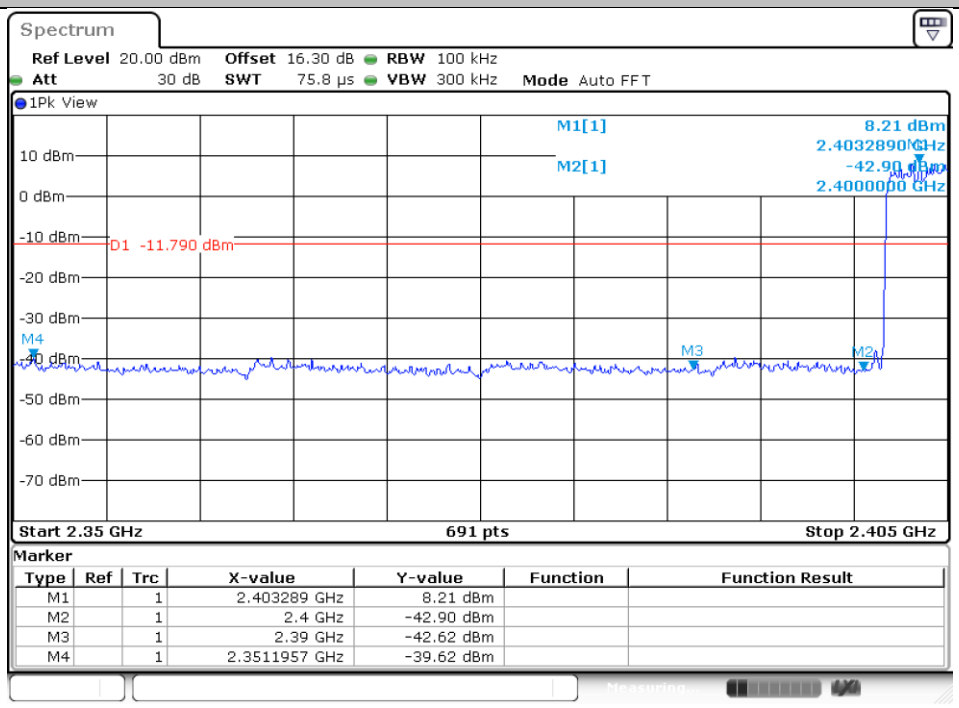

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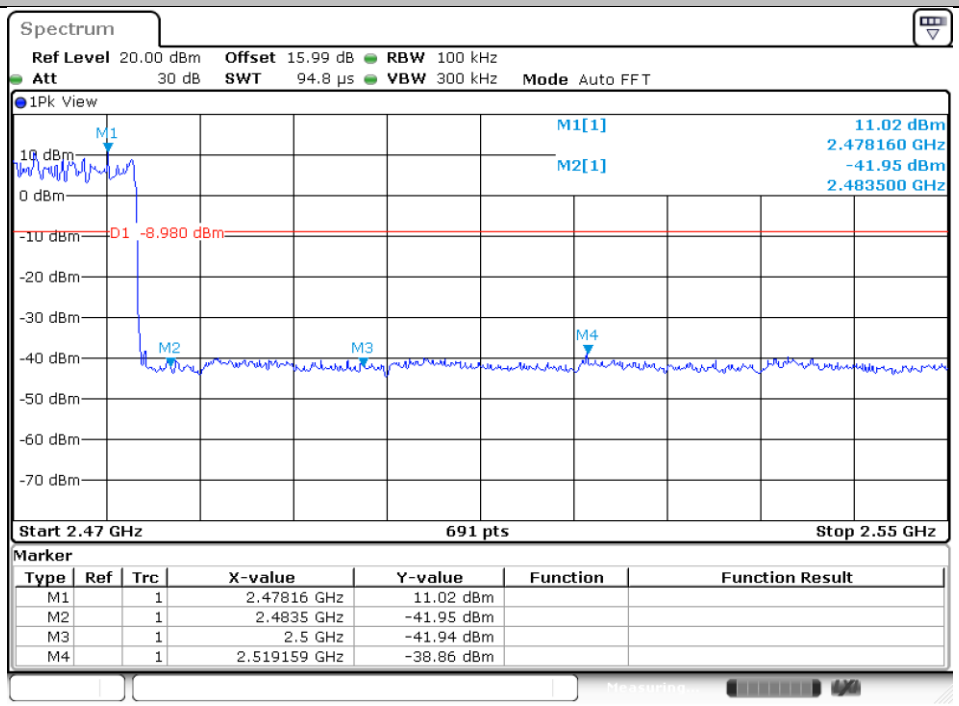

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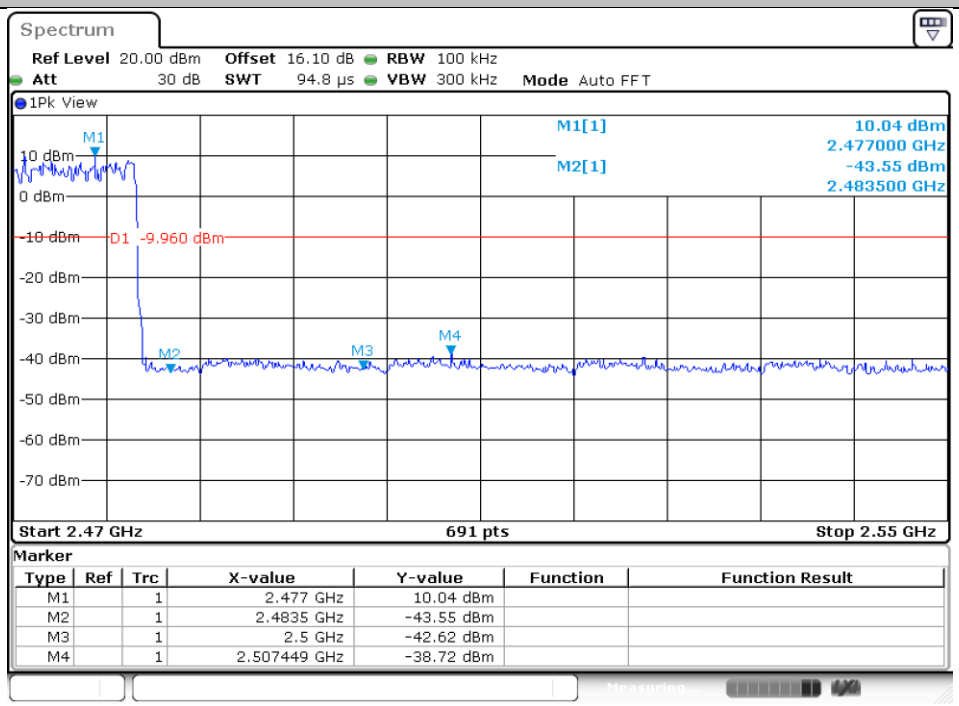

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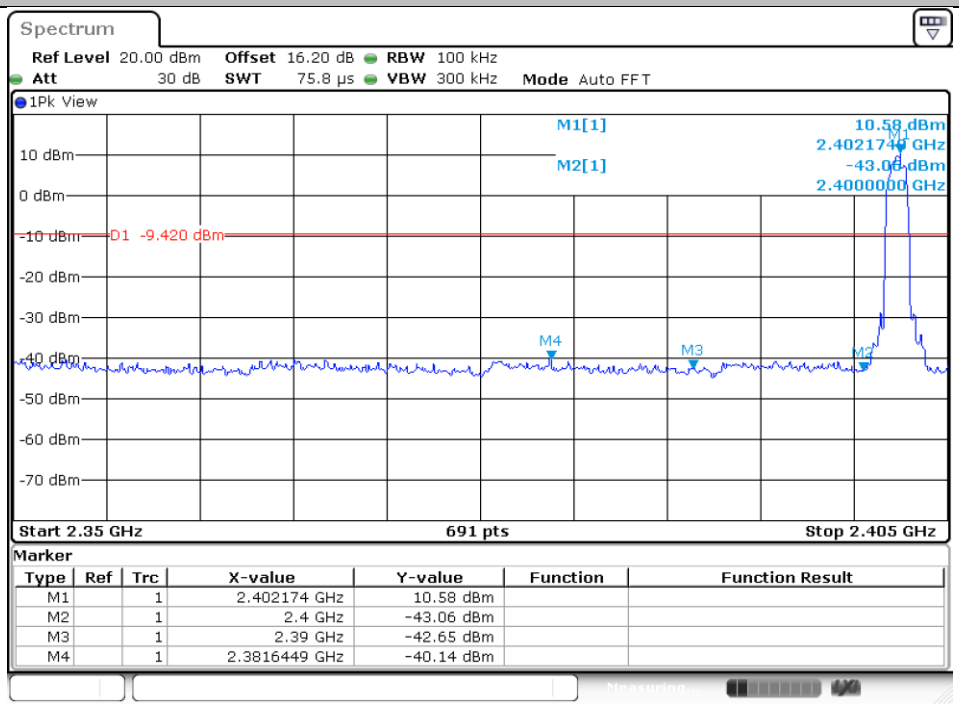
3DH5_Ant10_Low_2402



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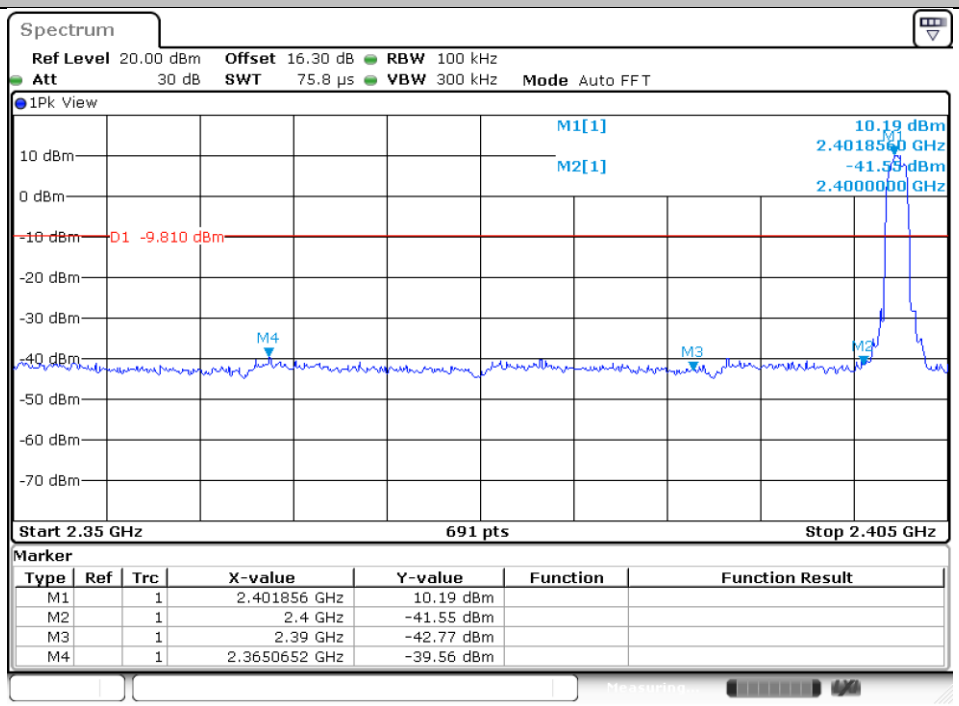
3DH5_Ant8_Low_2402



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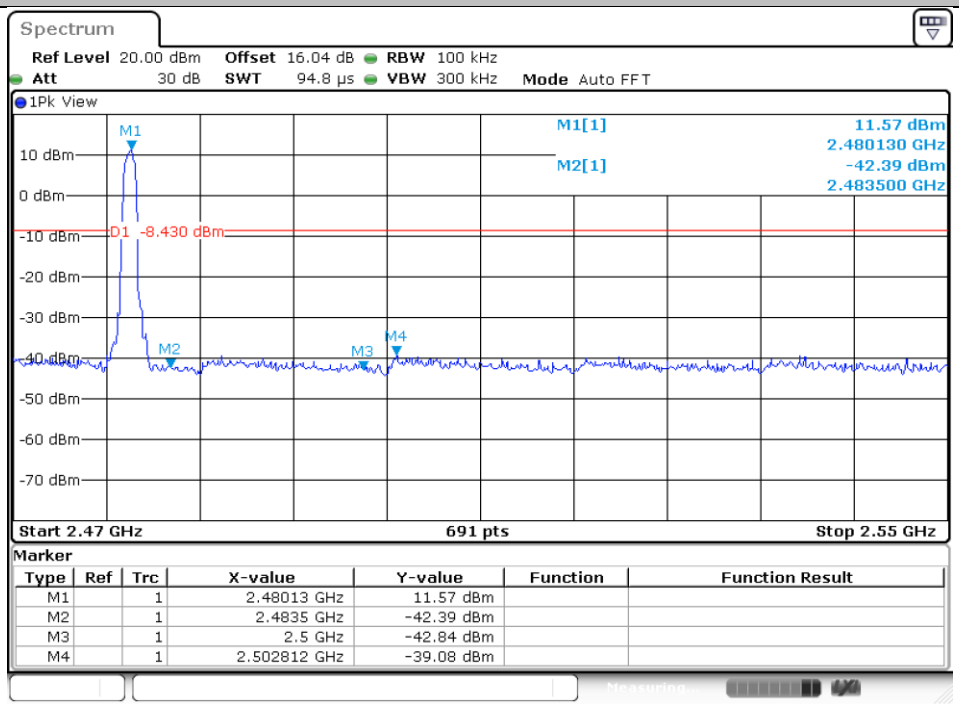
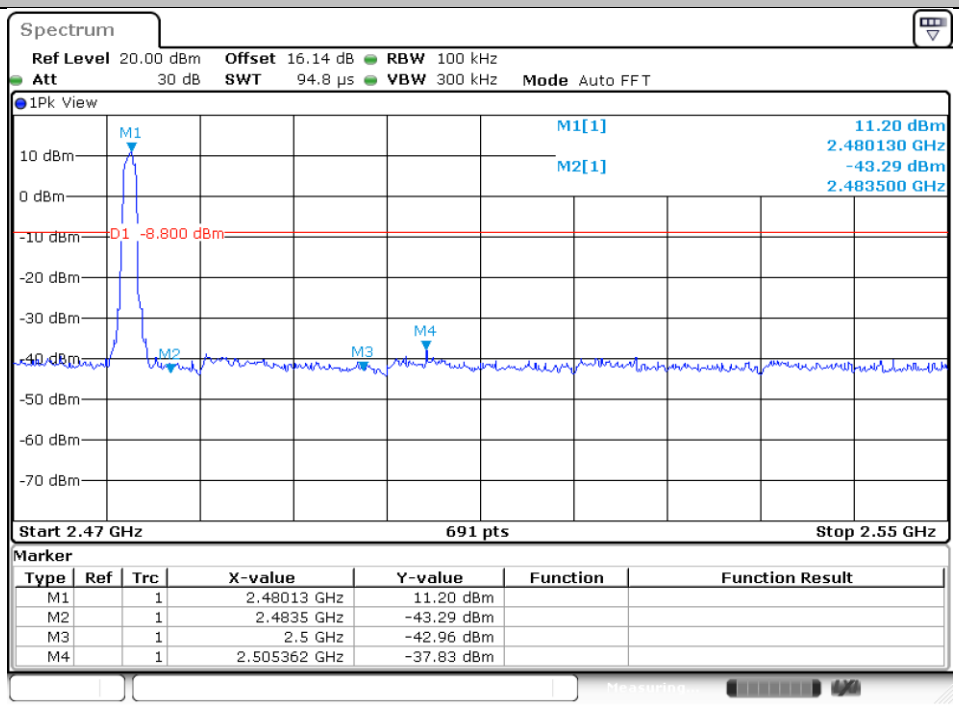
3DH5_Ant10_High_2480



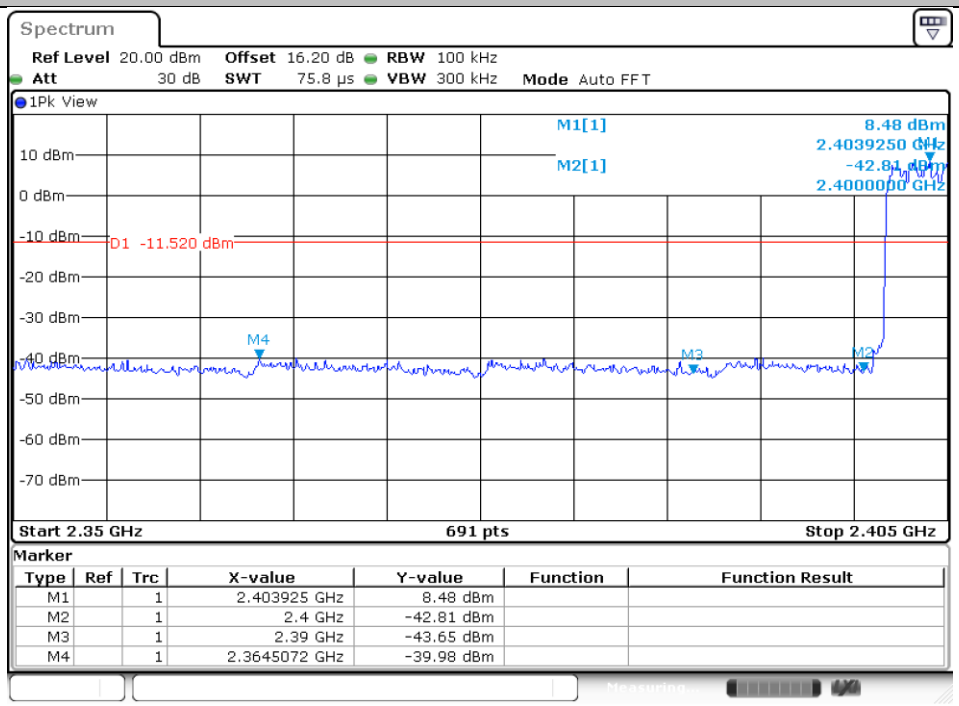
Date: 3.JUN.2025 23:04:38

3DH5_Ant8_High_2480



Date: 3.JUN.2025 23:14:38

3DH5_Ant10_Low_Hop_2402



Date: 3.JUN.2025 23:06:34

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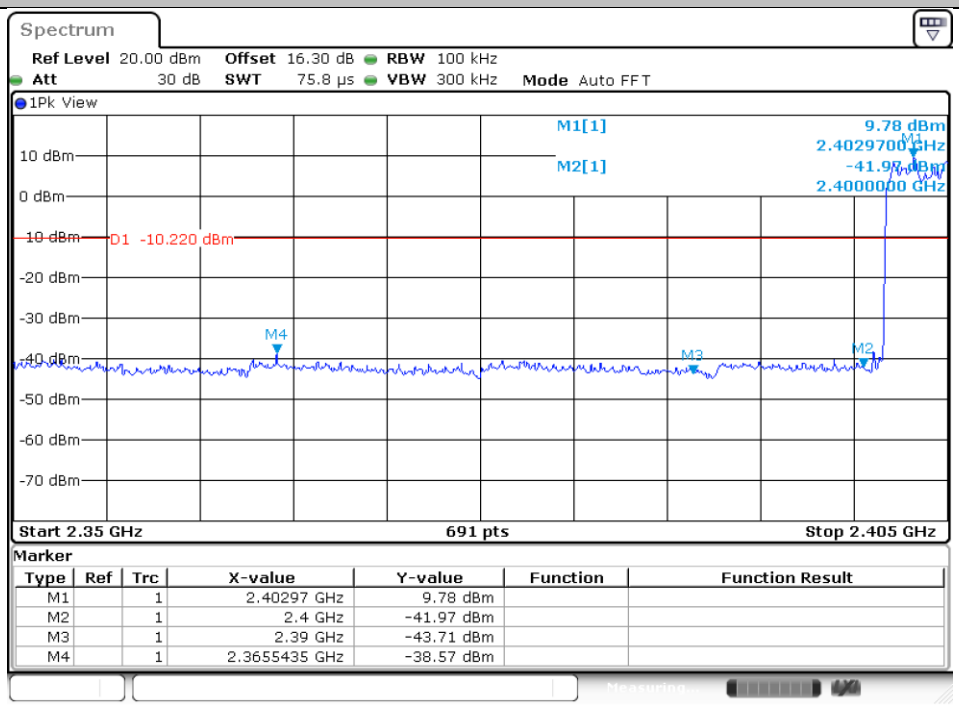

Date: 3.JUN.2025 23:18:09

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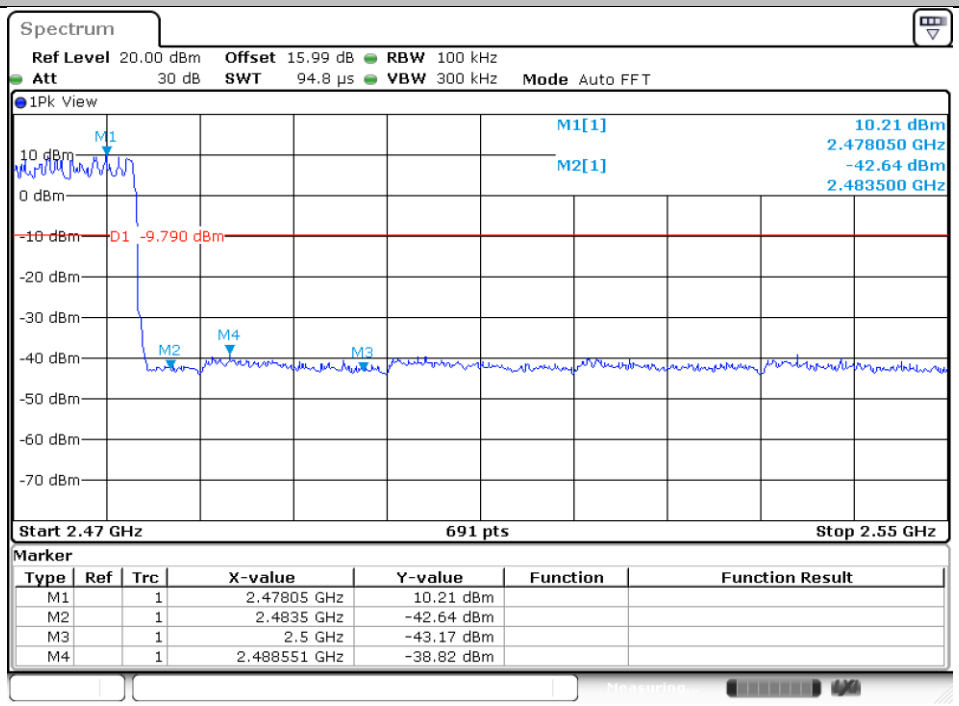

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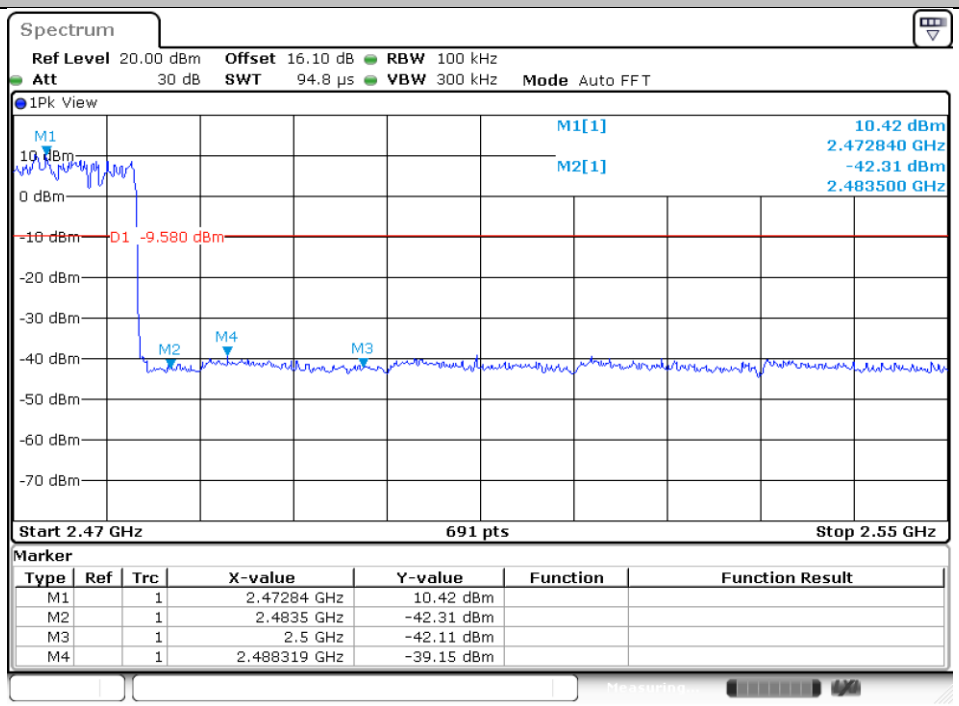
3DH5_Ant8_High_Hop_2480



Date: 3.JUN.2025 23:18:22

Conducted Spurious Emission

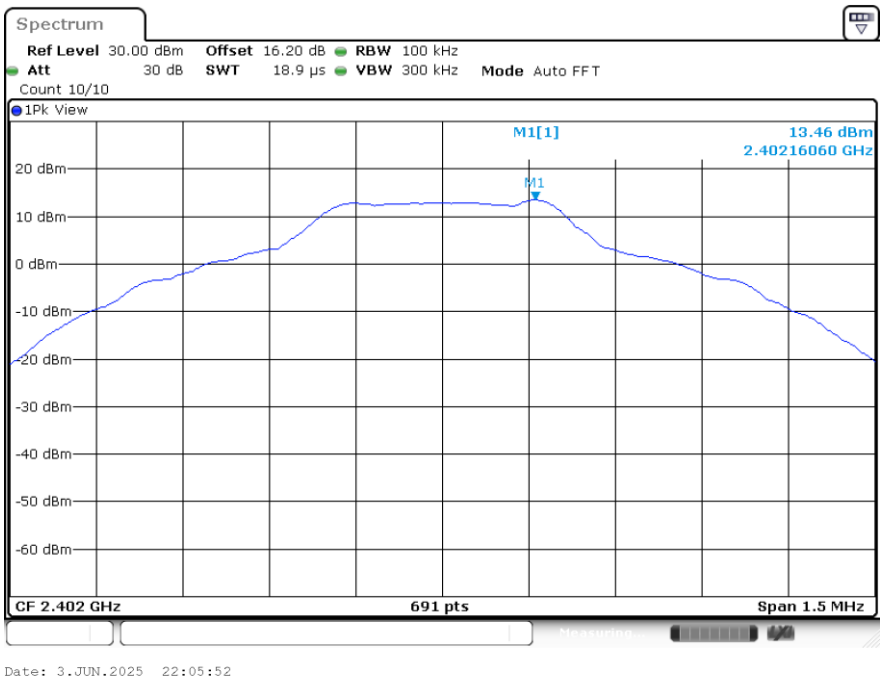
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant10	2402	Reference	13.46	13.46	---	PASS
			30~1000	13.46	-40.5	≤-6.54	PASS
			1000~26500	13.46	-30.98	≤-6.54	PASS
	Ant8	2402	Reference	14.29	14.29	---	PASS
			30~1000	14.29	-40.39	≤-5.71	PASS
			1000~26500	14.29	-31.31	≤-5.71	PASS
	Ant10	2441	Reference	13.64	13.64	---	PASS
			30~1000	13.64	-41	≤-6.36	PASS
			1000~26500	13.64	-31.39	≤-6.36	PASS
	Ant8	2441	Reference	14.02	14.02	---	PASS
			30~1000	14.02	-40.47	≤-5.98	PASS
			1000~26500	14.02	-31.74	≤-5.98	PASS
	Ant10	2480	Reference	14.66	14.66	---	PASS
			30~1000	14.66	-40.97	≤-5.34	PASS
			1000~26500	14.66	-31.26	≤-5.34	PASS
	Ant8	2480	Reference	14.53	14.53	---	PASS
			30~1000	14.53	-38.53	≤-5.47	PASS
			1000~26500	14.53	-30.71	≤-5.47	PASS
2DH5	Ant10	2402	Reference	10.34	10.34	---	PASS
			30~1000	10.34	-41.25	≤-9.66	PASS
			1000~26500	10.34	-31.25	≤-9.66	PASS
	Ant8	2402	Reference	11.06	11.06	---	PASS
			30~1000	11.06	-40.95	≤-8.94	PASS
			1000~26500	11.06	-31.64	≤-8.94	PASS
	Ant10	2441	Reference	10.63	10.63	---	PASS
			30~1000	10.63	-40.69	≤-9.37	PASS
			1000~26500	10.63	-31.84	≤-9.37	PASS
	Ant8	2441	Reference	10.77	10.77	---	PASS
			30~1000	10.77	-40.9	≤-9.23	PASS
			1000~26500	10.77	-30.54	≤-9.23	PASS
	Ant10	2480	Reference	11.47	11.47	---	PASS
			30~1000	11.47	-40.98	≤-8.53	PASS
			1000~26500	11.47	-31.22	≤-8.53	PASS
	Ant8	2480	Reference	11.24	11.24	---	PASS
			30~1000	11.24	-40.05	≤-8.76	PASS

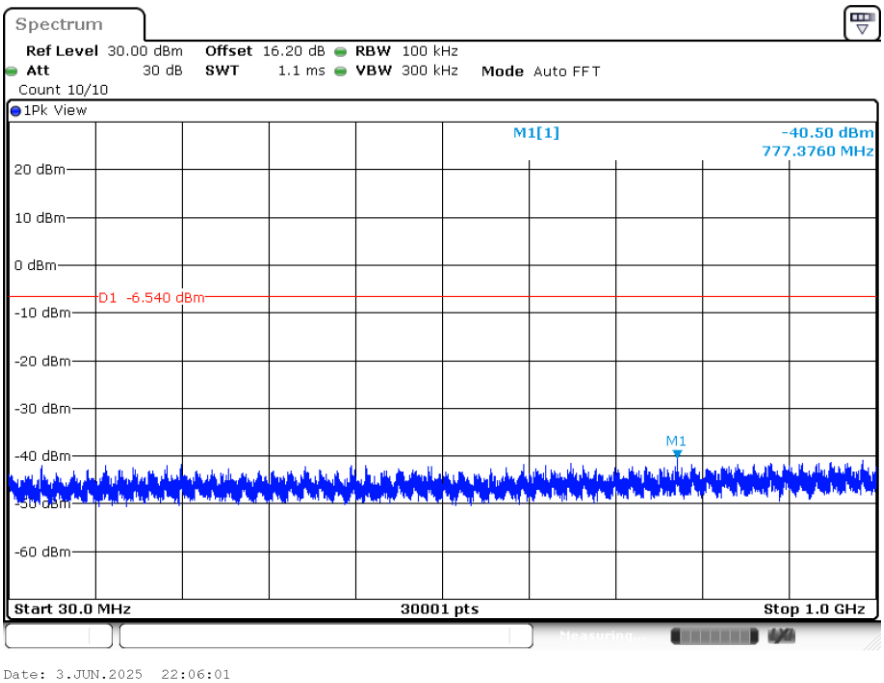
			1000~26500	11.24	-31.49	≤-8.76	PASS
3DH5	Ant10	2402	Reference	10.57	10.57	---	PASS
			30~1000	10.57	-40.96	≤-9.43	PASS
			1000~26500	10.57	-31.16	≤-9.43	PASS
	Ant8	2402	Reference	11.11	11.11	---	PASS
			30~1000	11.11	-40.63	≤-8.89	PASS
			1000~26500	11.11	-29.83	≤-8.89	PASS
	Ant10	2441	Reference	10.76	10.76	---	PASS
			30~1000	10.76	-40.53	≤-9.24	PASS
			1000~26500	10.76	-31.19	≤-9.24	PASS
	Ant8	2441	Reference	10.84	10.84	---	PASS
			30~1000	10.84	-41.15	≤-9.16	PASS
			1000~26500	10.84	-31.34	≤-9.16	PASS
	Ant10	2480	Reference	11.61	11.61	---	PASS
			30~1000	11.61	-41	≤-8.39	PASS
			1000~26500	11.61	-31.4	≤-8.39	PASS
	Ant8	2480	Reference	11.41	11.41	---	PASS
			30~1000	11.41	-40.75	≤-8.59	PASS
			1000~26500	11.41	-30.9	≤-8.59	PASS

Test Graphs

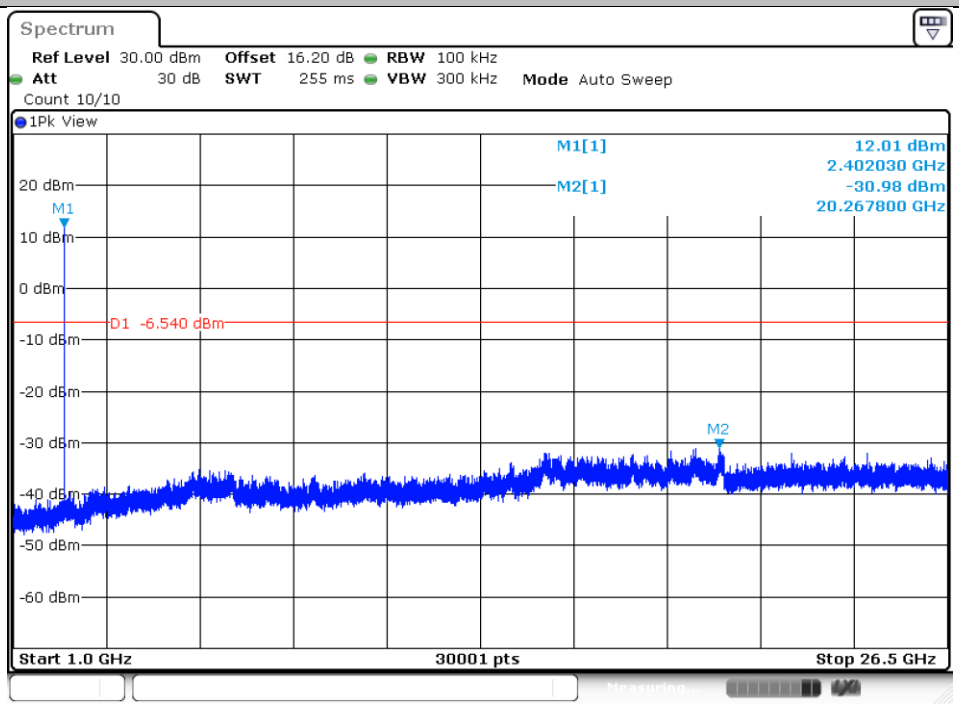
DH5_Ant10_2402_0~Reference



DH5_Ant10_2402_30~1000

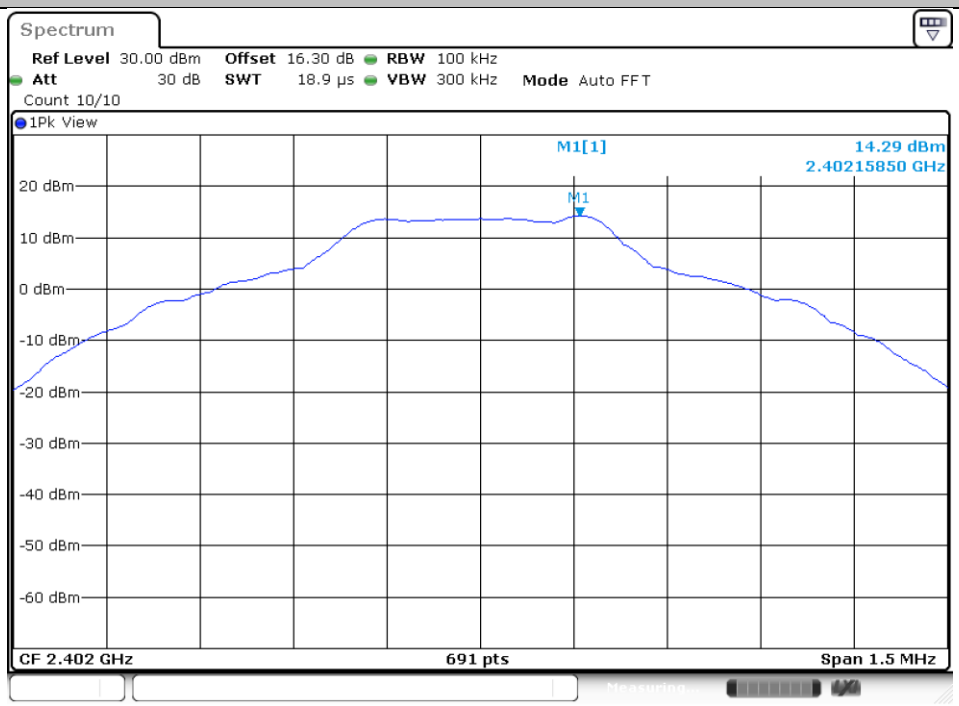


DH5_Ant10_2402_1000~26500



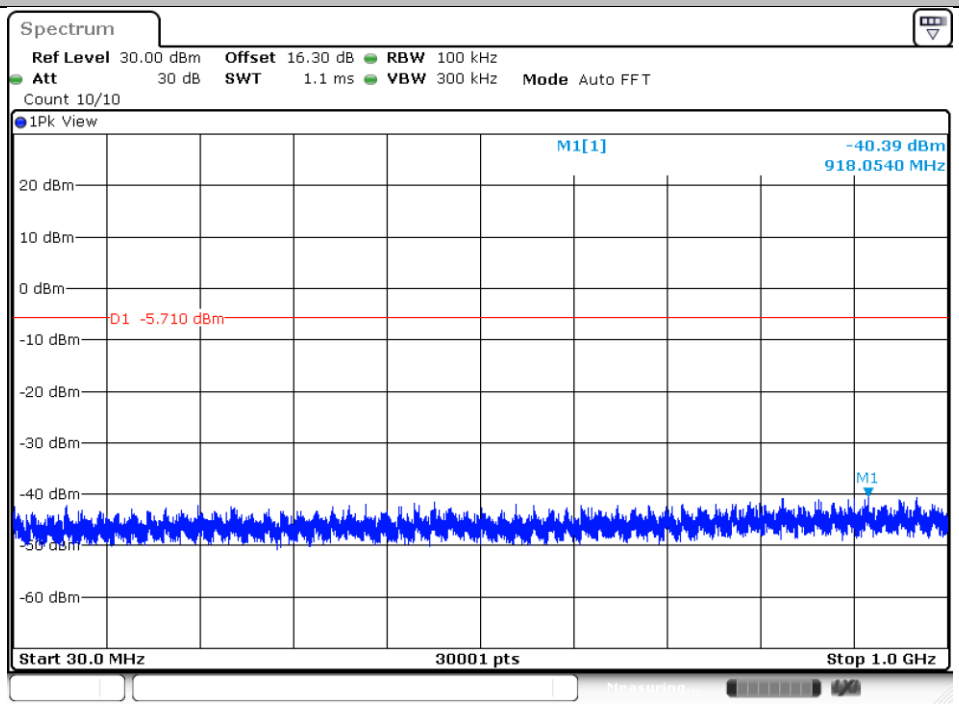
Date: 3.JUN.2025 22:06:23

DH5_Ant8_2402_0~Reference



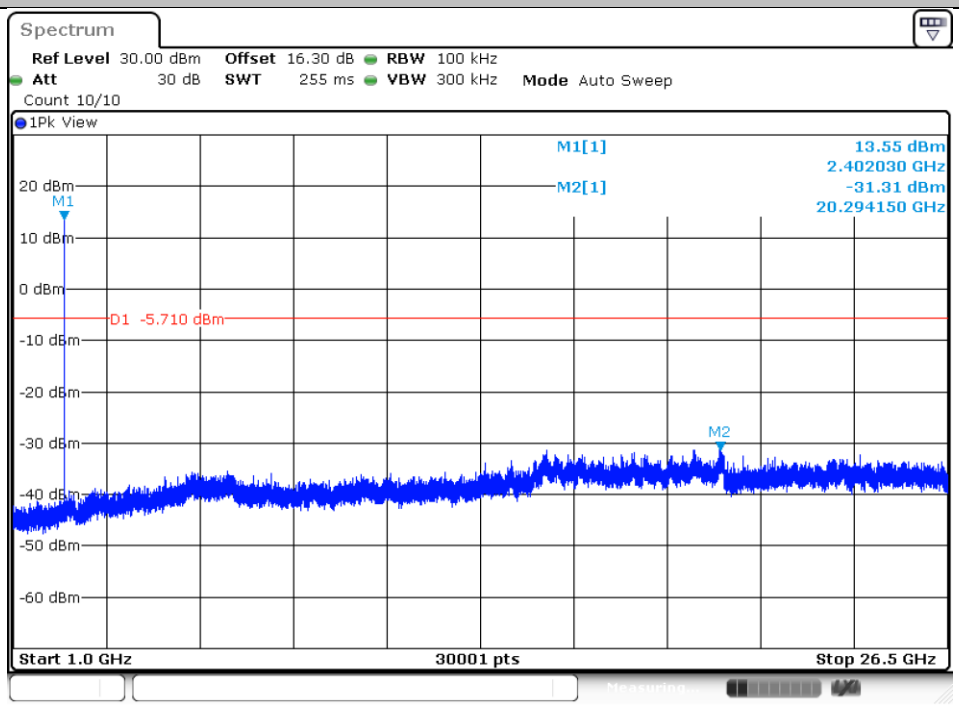
Date: 3.JUN.2025 22:12:43

DH5_Ant8_2402_30~1000



Date: 3.JUN.2025 22:12:52

DH5_Ant8_2402_1000~26500



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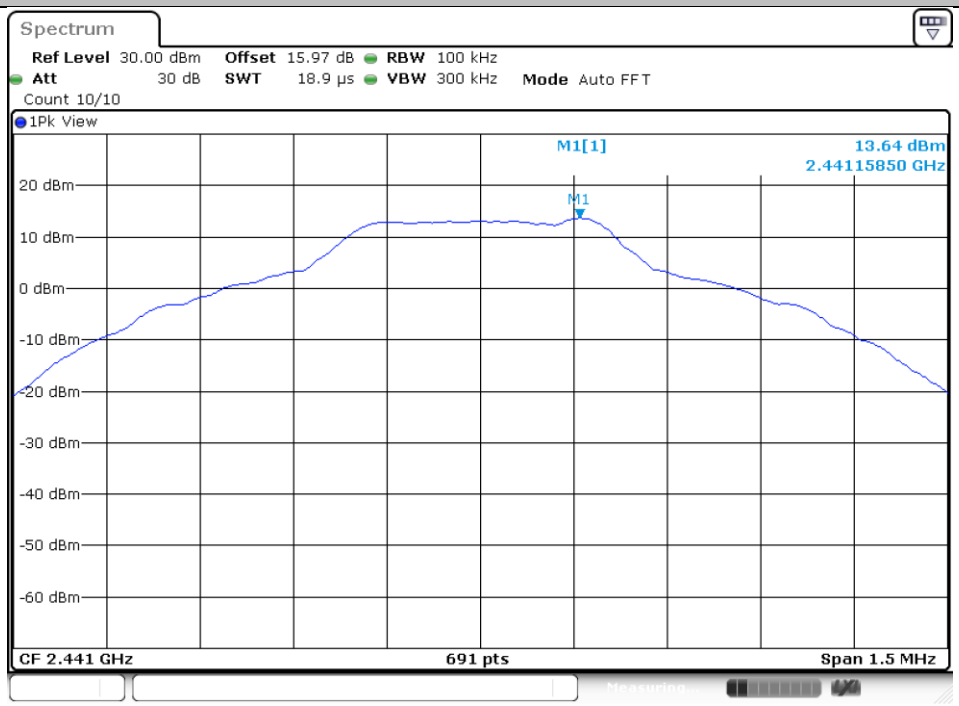
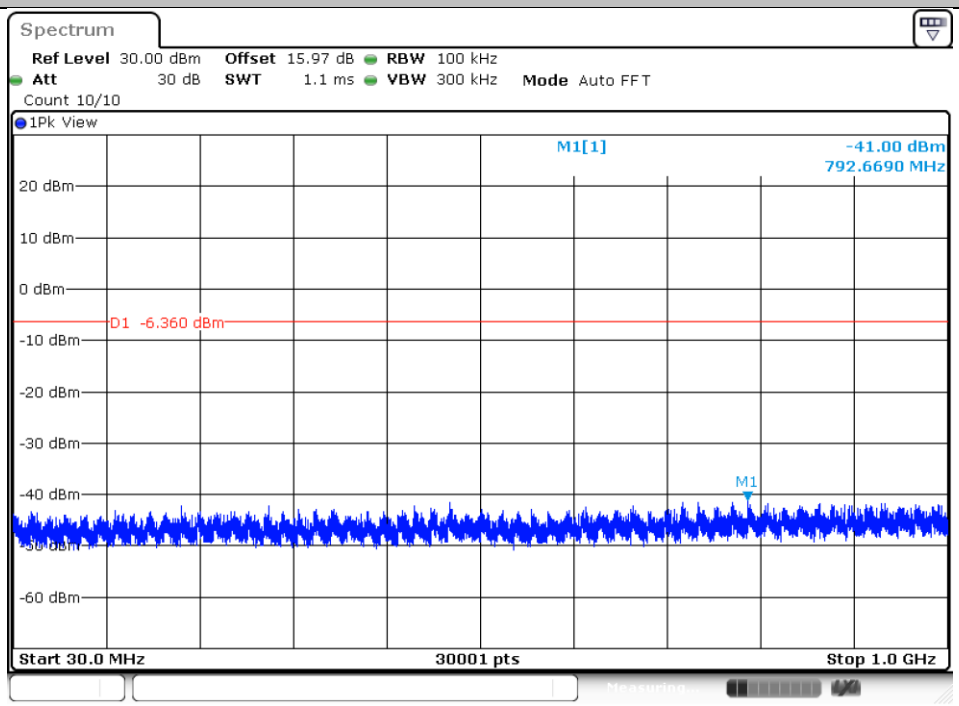
DH5_Ant10_2441_0~Reference



Date: 3.JUN.2025 22:07:27

DH5_Ant10_2441_30~1000



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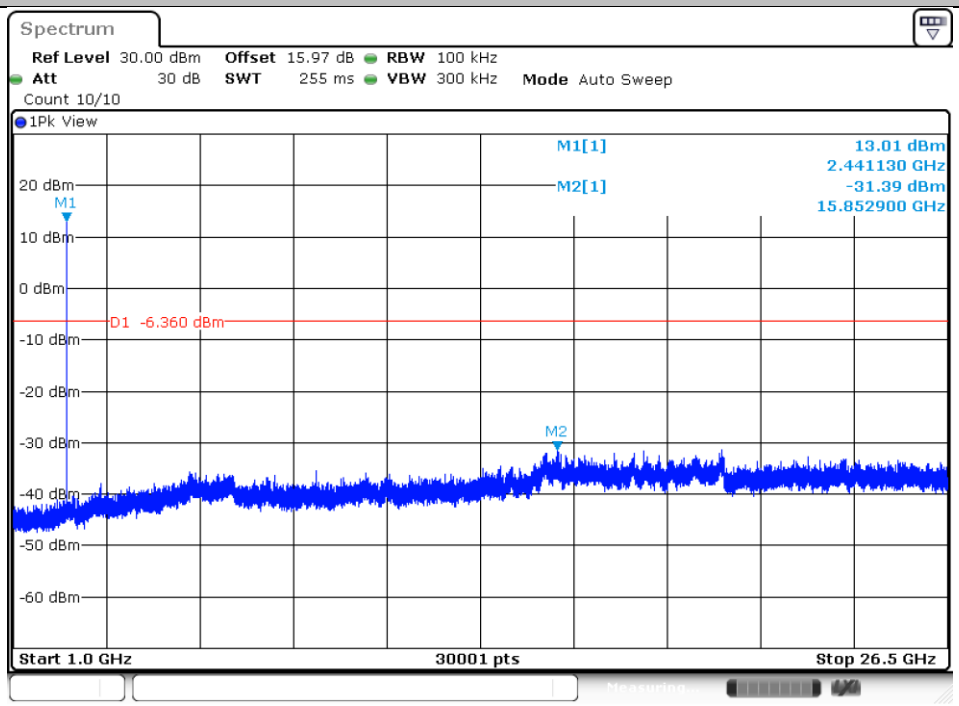
DH5_Ant10_2441_1000~26500



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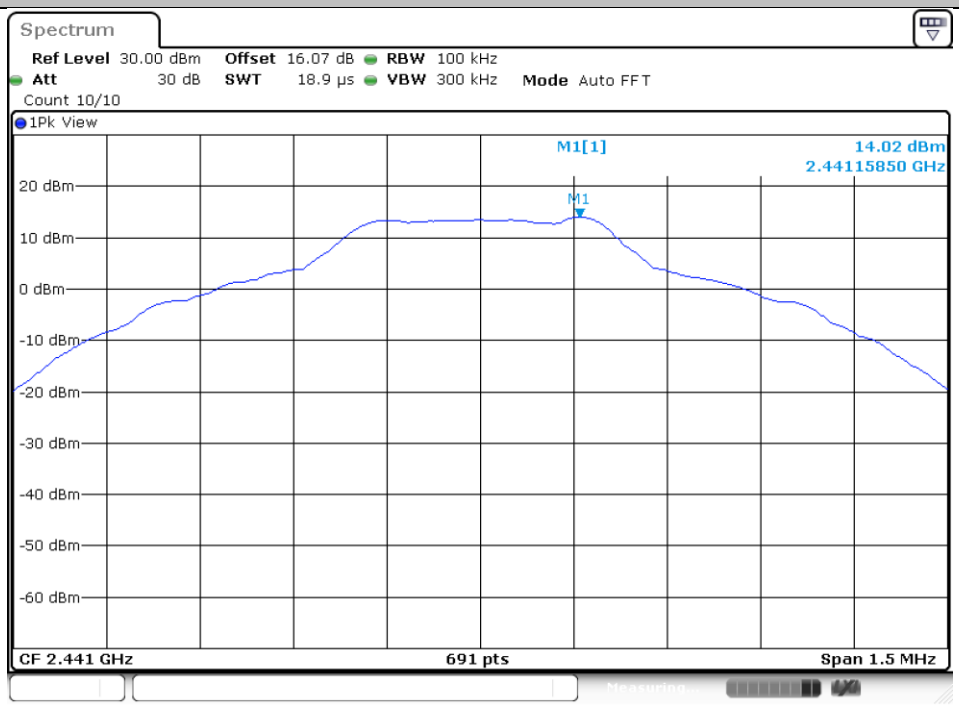
DH5_Ant8_2441_0~Reference



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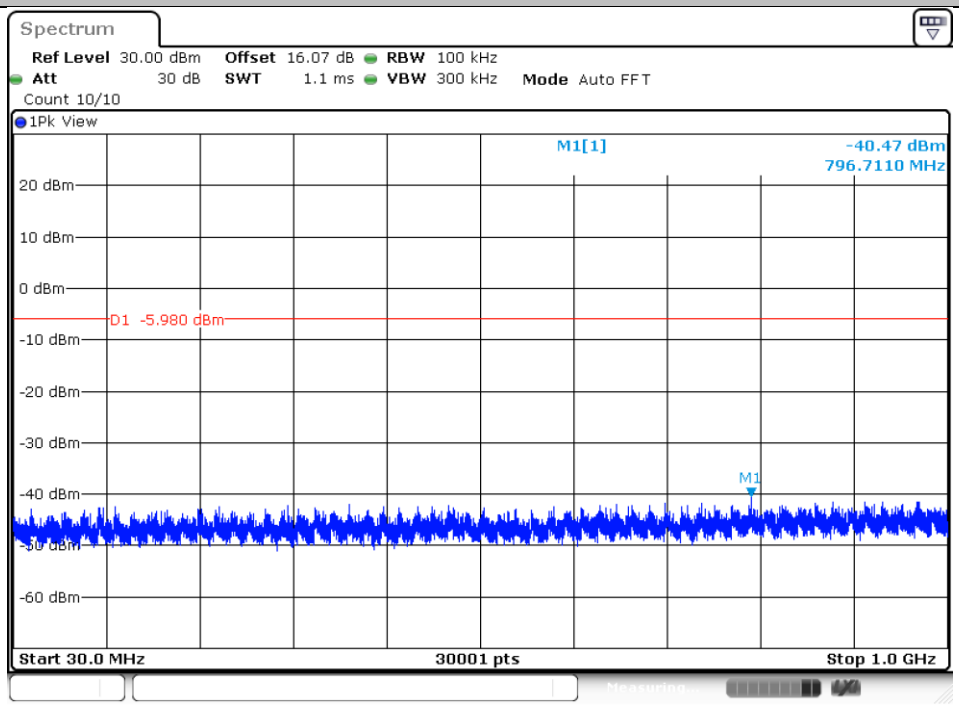
DH5_Ant8_2441_30~1000



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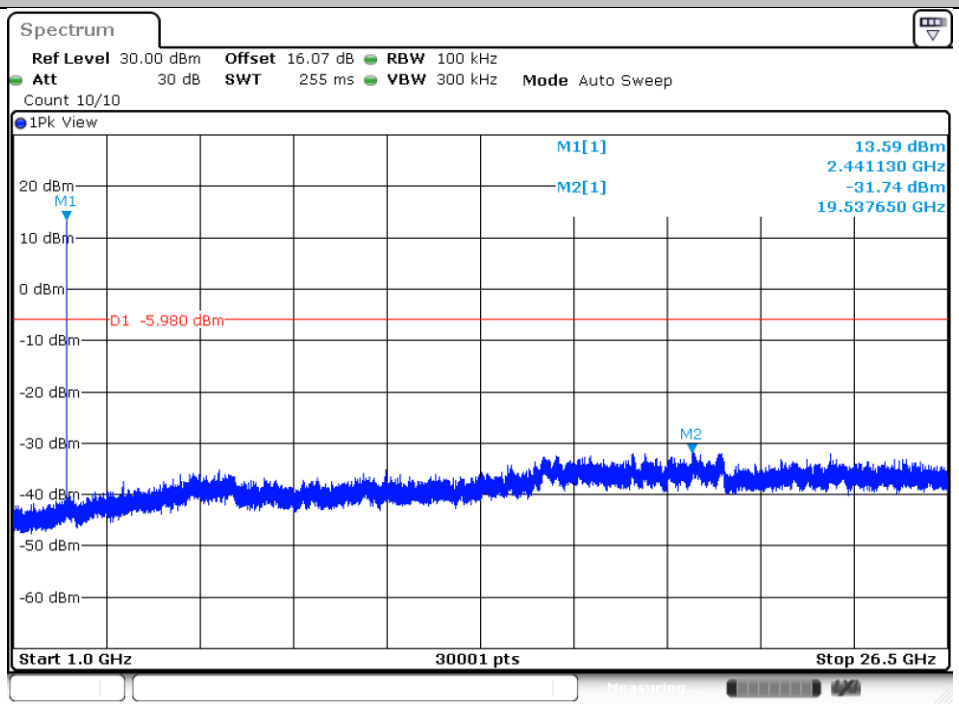
DH5_Ant8_2441_1000~26500



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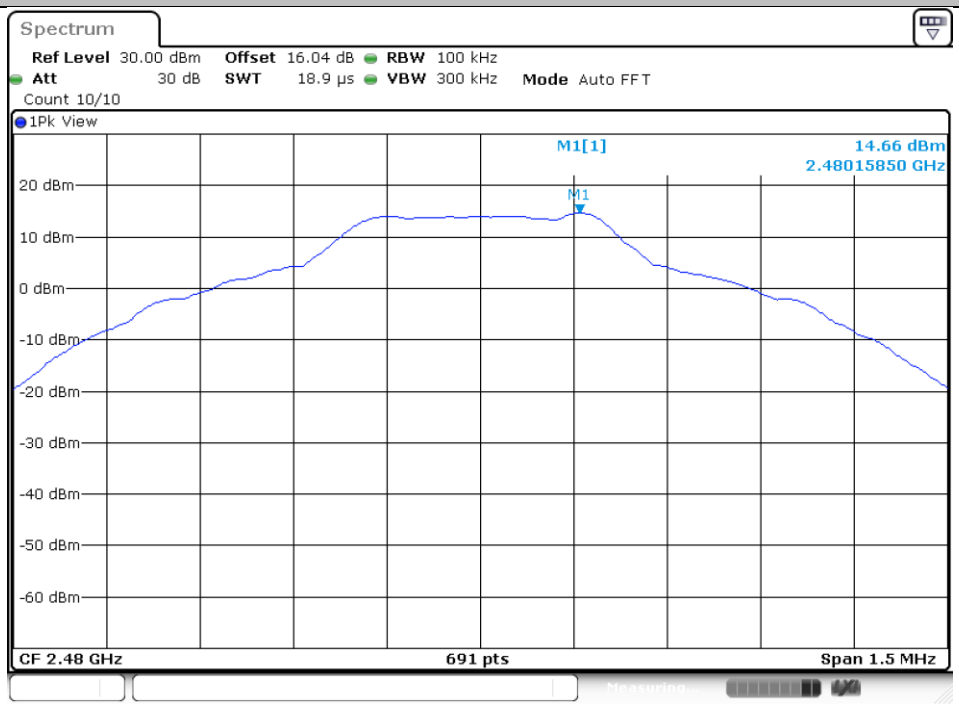
DH5_Ant10_2480_0~Reference



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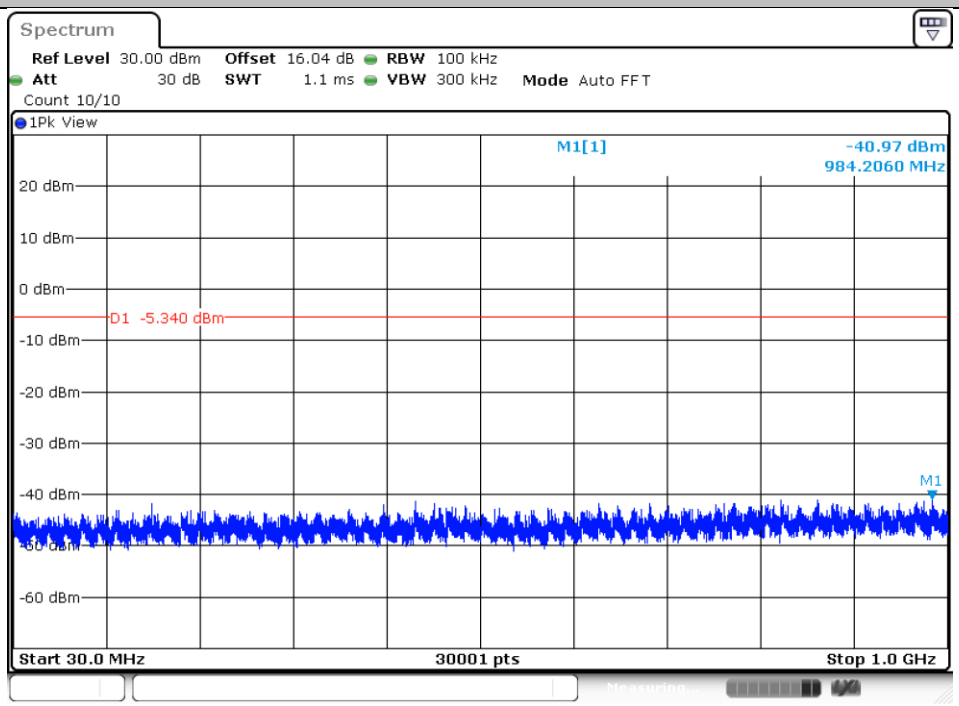
DH5_Ant10_2480_30~1000



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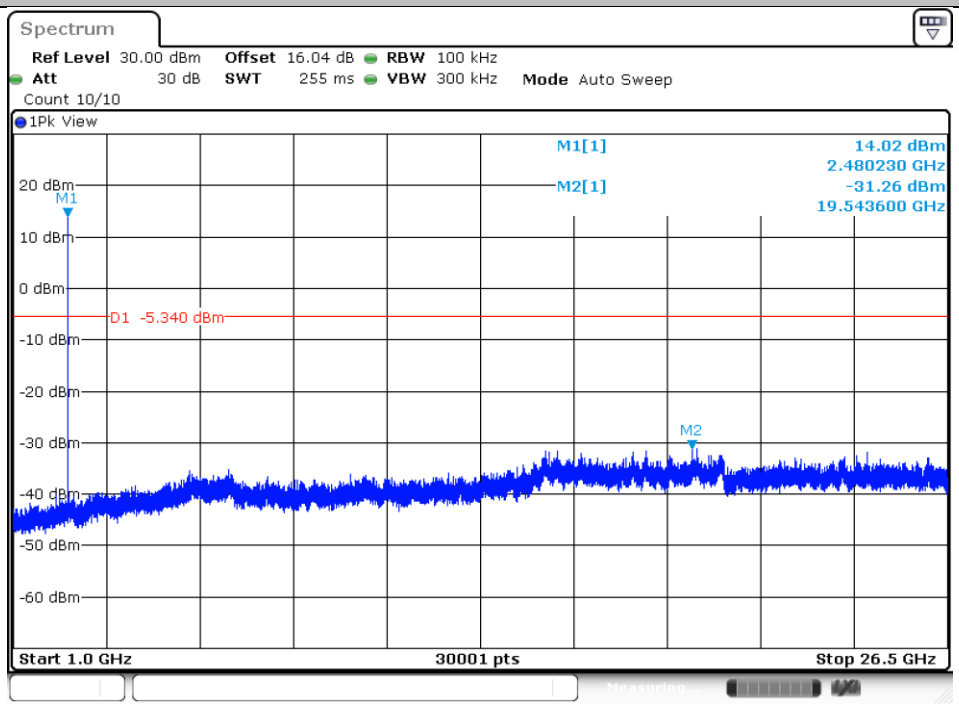
DH5_Ant10_2480_1000~26500



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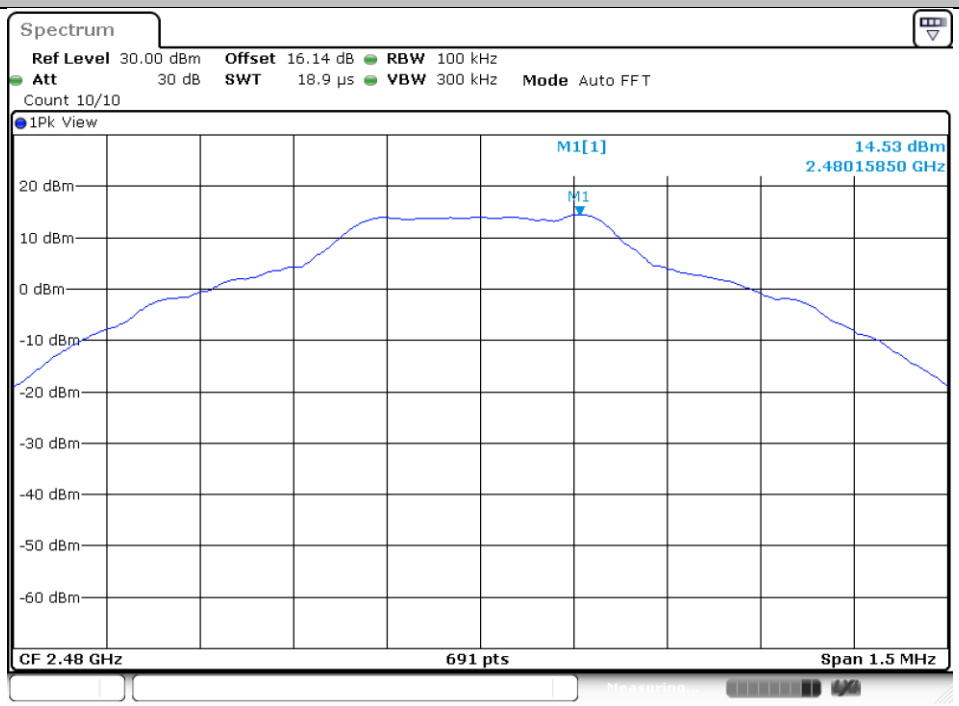
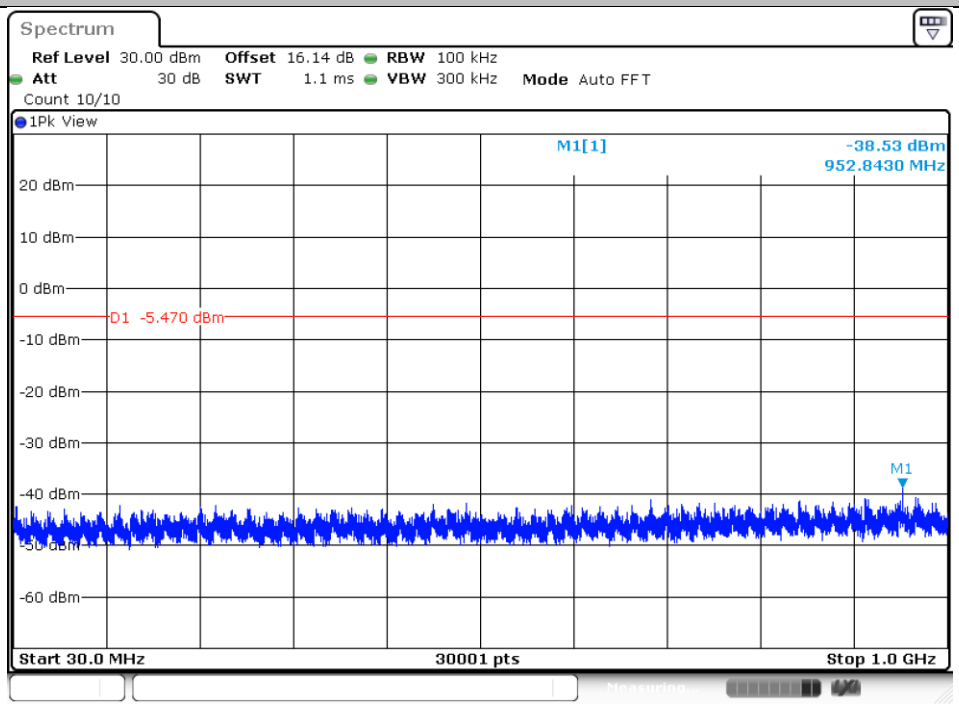
DH5_Ant8_2480_0~Reference



Date: 3.JUN.2025 22:15:09

DH5_Ant8_2480_30~1000



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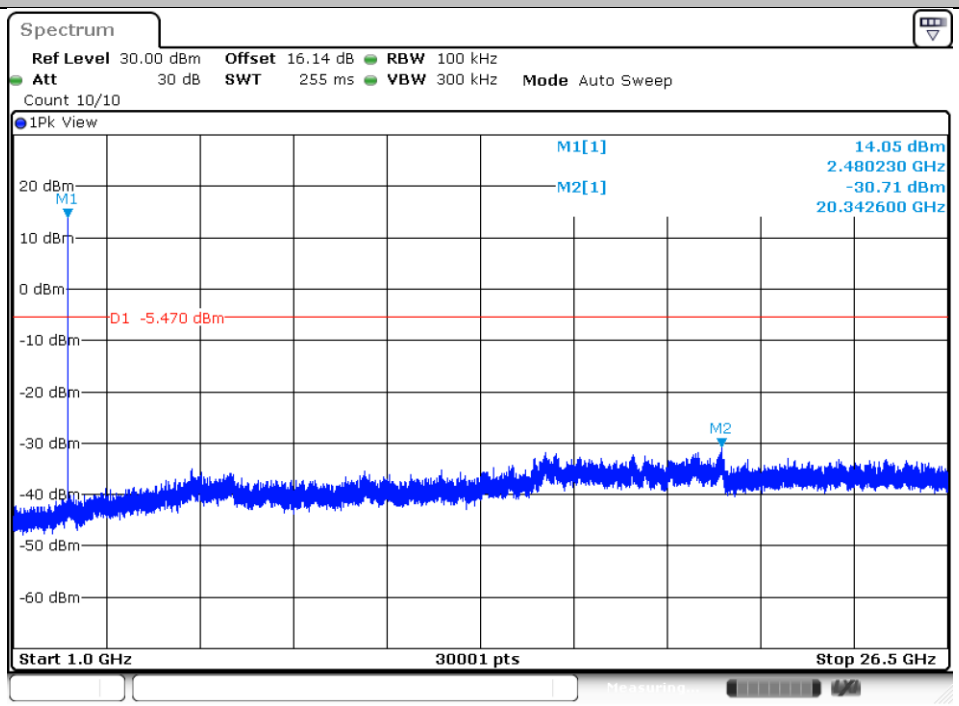
DH5_Ant8_2480_1000~26500



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