

Schlumberger

# FRACTURE IDENTIFICATION LOG WITH CORRELATION LOG

COMPANY E G AND G IDAHO INC.

WELL INEL # 1

FIELD WILDCAT

COUNTY BUTTE STATE IDAHO

Other Services:  
 HDT - GR  
 BHC - GR  
 DLL - GR  
 FDC - CNL - GR

API SERIAL NO. SEC. TWP. RANGE  
 I 3N 29E

Permanent Datum: GL; Elev.: 4874.8  
 Log Measured From KB 0 Ft. Above Perm. Datum  
 Drilling Measured From KB

Elev.: K.B. 4895  
 D.F. 4874.8  
 G.L. 4874.8

Date	5/18/79		
Run No.	ONE		
Depth-Driller	10333		
Depth-Logger (Schl.)	10126		
Btm. Log Interval	10126		
Top Log Interval	3359		
Casing-Driller	13 3/8 @ 3559	@	@
Casing-Logger	3359		
Bit Size	12.25		
Type Fluid in Hole	FRESH WATER		
Dens.			
Visc.			
pH			
Fluid Loss		ml	ml
Source of Sample	MUD TANK		
Rm @ Meas. Temp.	@	°F	°F
Rmf @ Meas. Temp.	@	°F	°F
Rmc @ Meas. Temp.	@	°F	°F
Source: Rmf			
Rmc			
Rm @ BHT	1.80 @ 255F	@	°F
Circulation Stopped	5/18 @ 0200		
Logger on Bottom	5/18 @ 1500		
Max. Rec. Temp.	255 °F		
Equip.	8056 EVSTN		
Location			
Recorded By	BRADLEY/SHUTTS		
Witnessed By Mr.	STRAWN		

The well name, location and borehole reference data were furnished by the customer.

REMARKS: Service Order No. 74034 Magnetic Declination 18 E

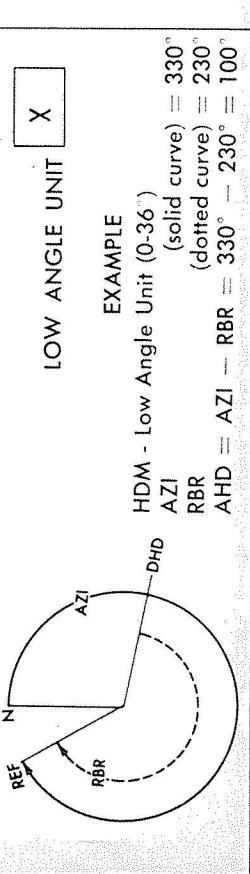
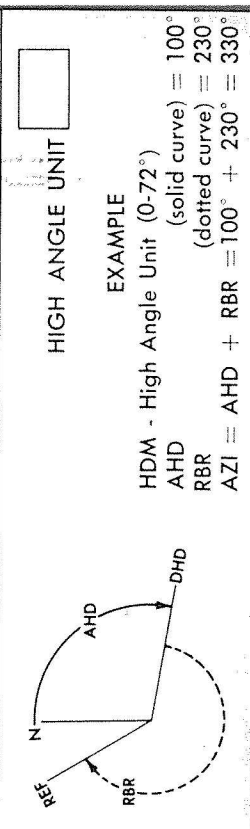
FIL PASS 1 REPLAYED FROM DIPMETER

FIL PASS 2 RUN ON CONSTANT EMEX

Run No.	1	2	3	4	ROLL NO.	INTERVAL
Tool Type	HDT-D					
HDP	DAM-735					
DDR	TTR					
DPI	CSU					
HDM	F-1942					GR BACKUP SCALE IS
HDE	CR-1747					150-300 API
HDS	D-1768					
Adapter Head	AH-62-1715					
UG	CG	SAH				
5" Film	10" Film	60" Record	X			
Analog	Digital		X			
Circulation Stopped	5/18 @ 200					
Schl. on Bottom	5/18 @ 1500					

**TOOL AZIMUTH AND HOLE DIRECTION CALCULATION**

(DHD) HIGH SIDE OF TOOL = Direction from center of tool to upper side of tool.  
 (N) NORTH = Direction from center of tool to Magnetic North.  
 (REF) REFERENCE ELECTRODE = Direction from center of tool to #1 electrode.



**EXAMPLE**

HDM - High Angle Unit (0-72°)  
 AZI (solid curve) = 100°  
 RBR (dotted curve) = 230°  
 AZI = AHD + RBR = 100° + 230° = 330°

**EXAMPLE**

HDM - Low Angle Unit (0-36°)  
 AZI (solid curve) = 330°  
 RBR (dotted curve) = 230°  
 AHD = AZI - RBR = 330° - 230° = 100°

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Gamma Ray	150.0
DEVI (DEG)	10000.0
	0.0
	9.000

-1.000 9.000  
 RB (DEG) 360.0  
 AZIM (DEG) 360.0  
 -40.00  
 -40.00

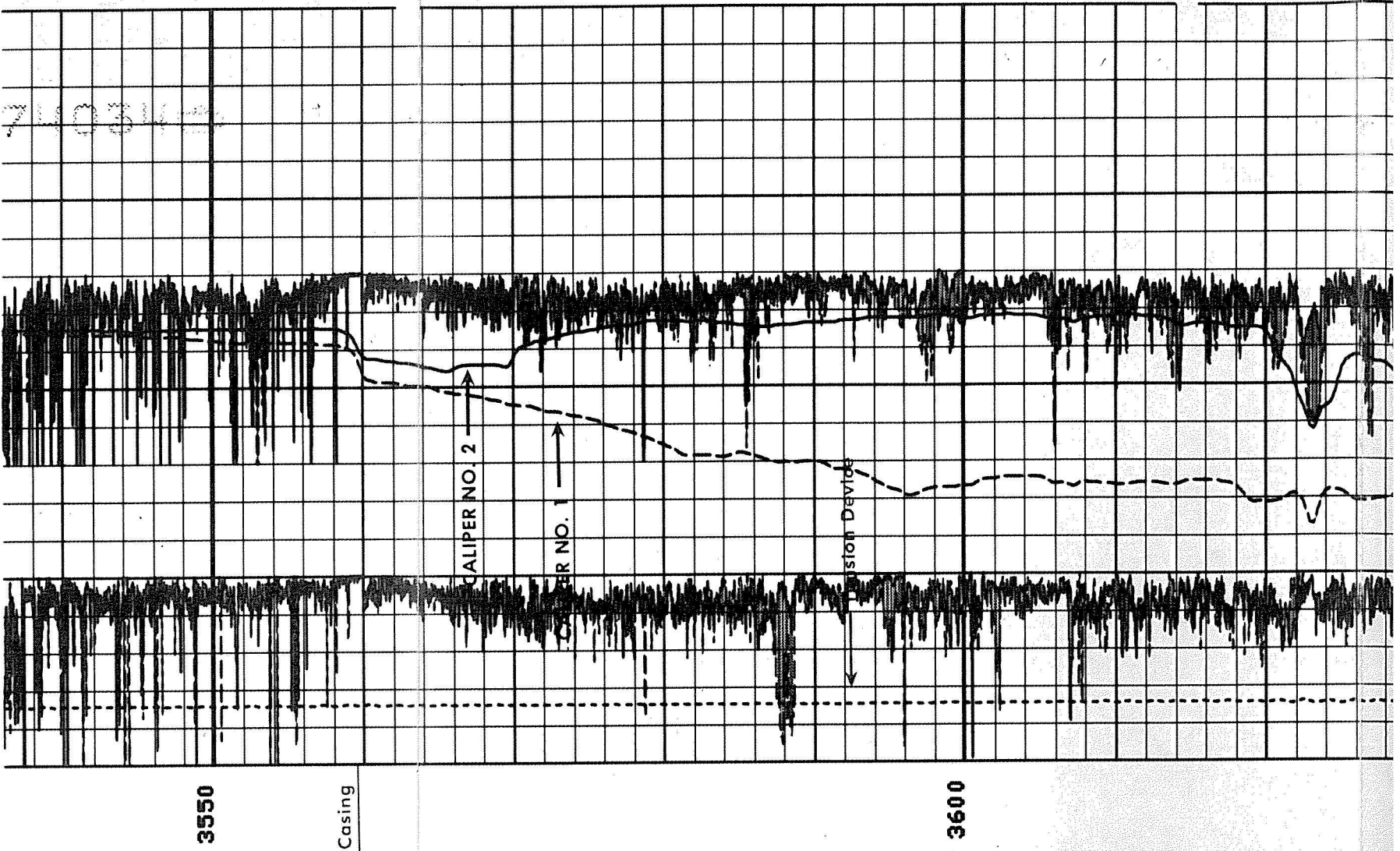
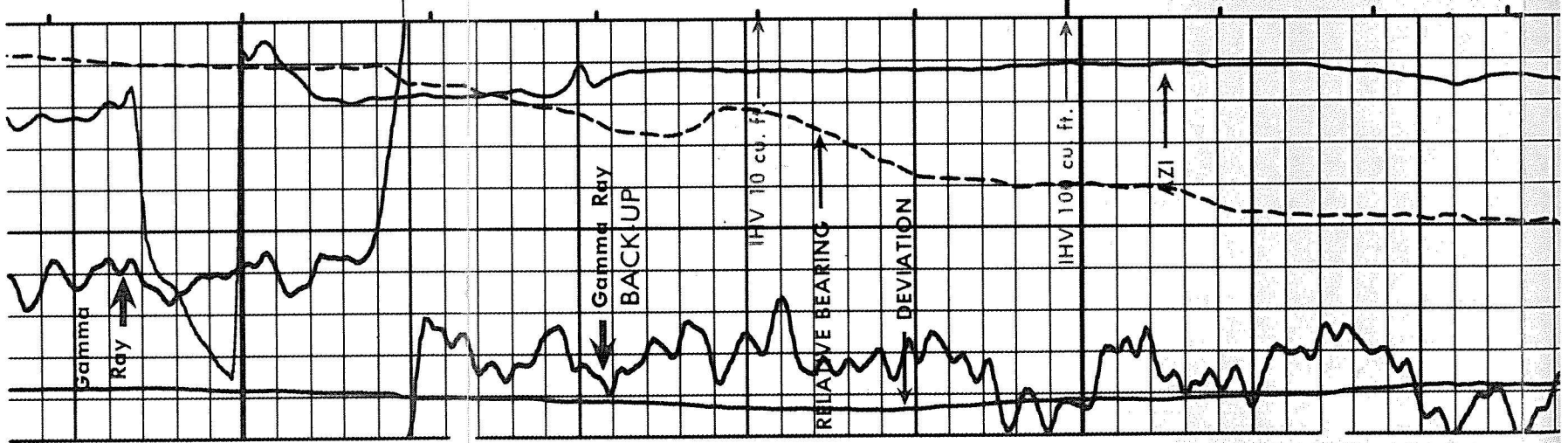
0.0 10000.0  
 C2 (INCH) 4.000  
 C1 (INCH) 4.000  
 24.00  
 24.00

222222 333333

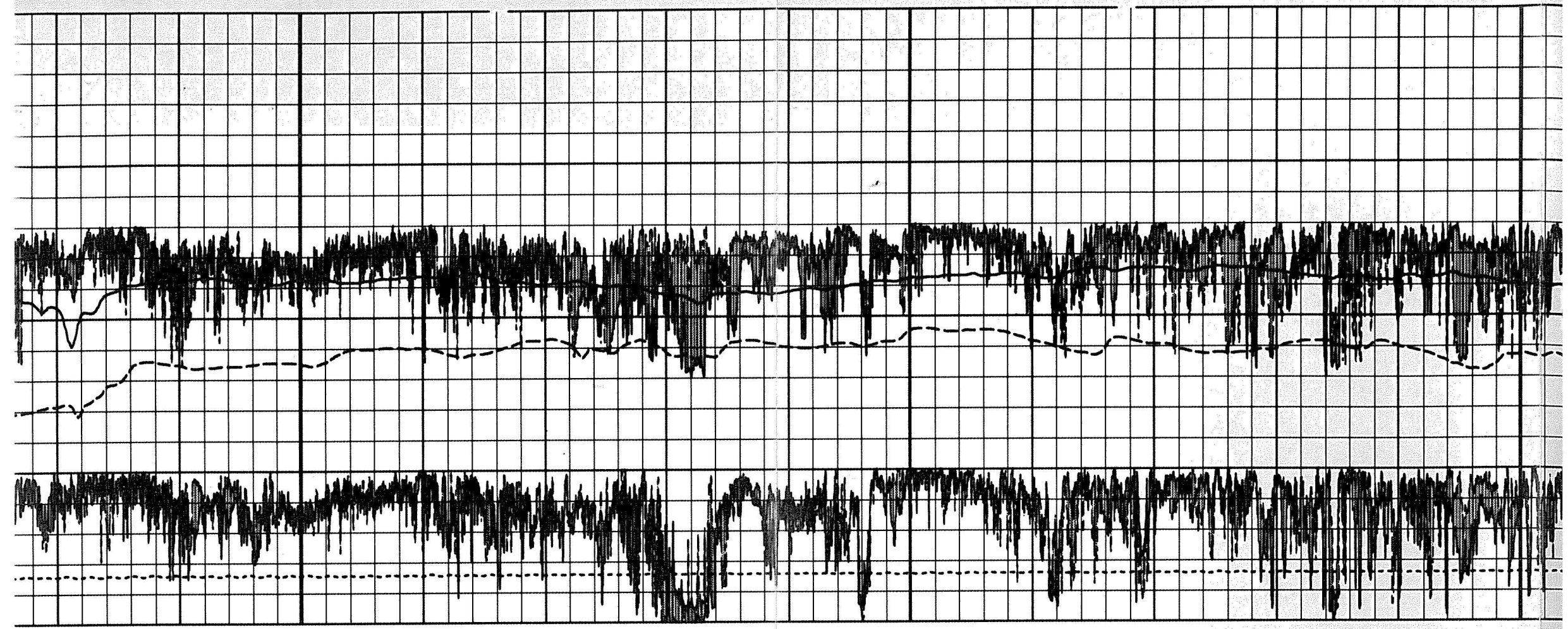
6-01-79

074034

PASS No. 2



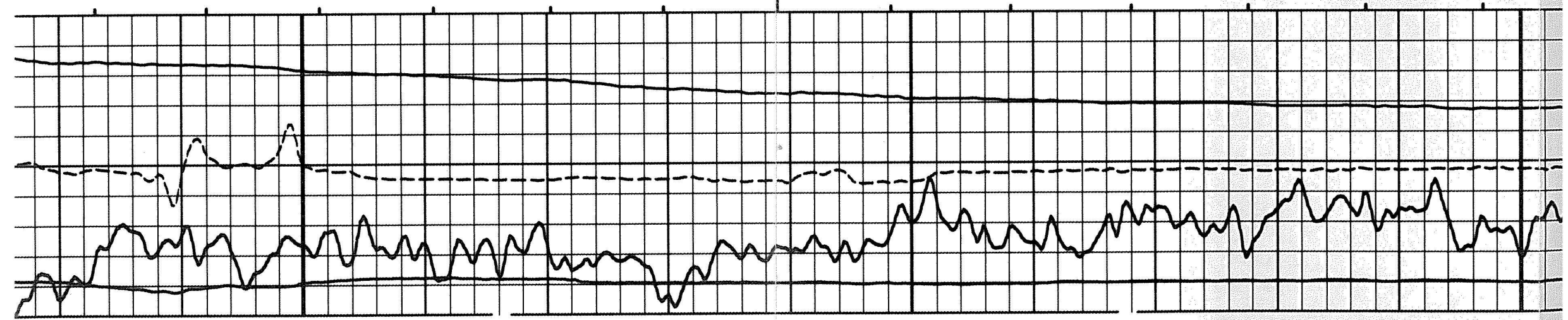
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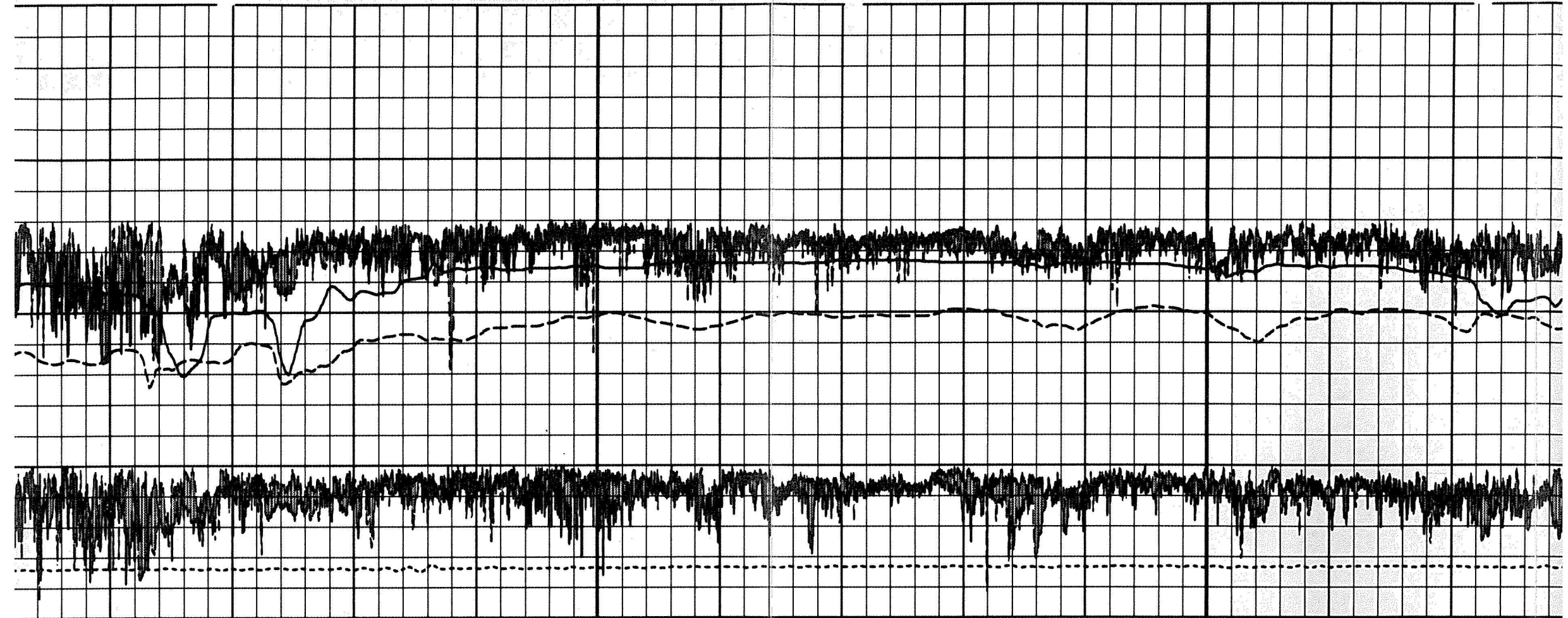


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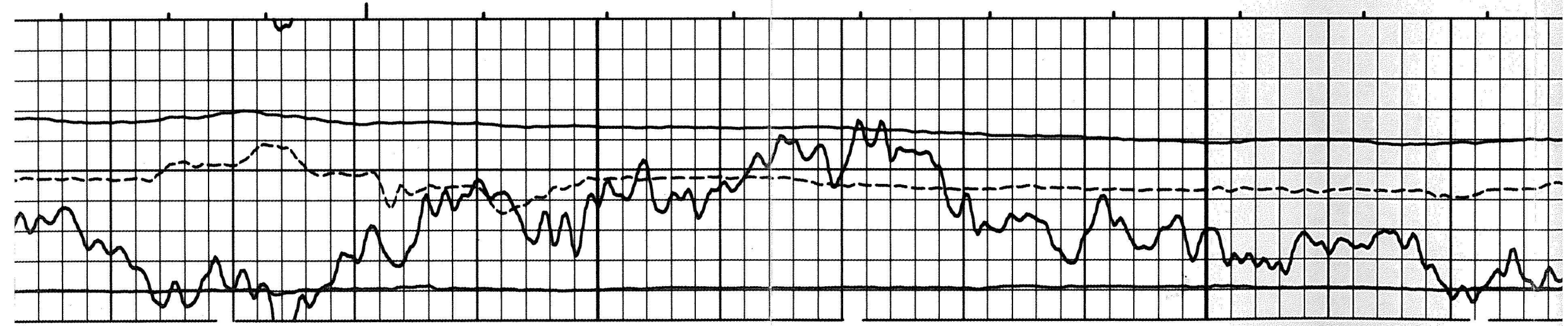
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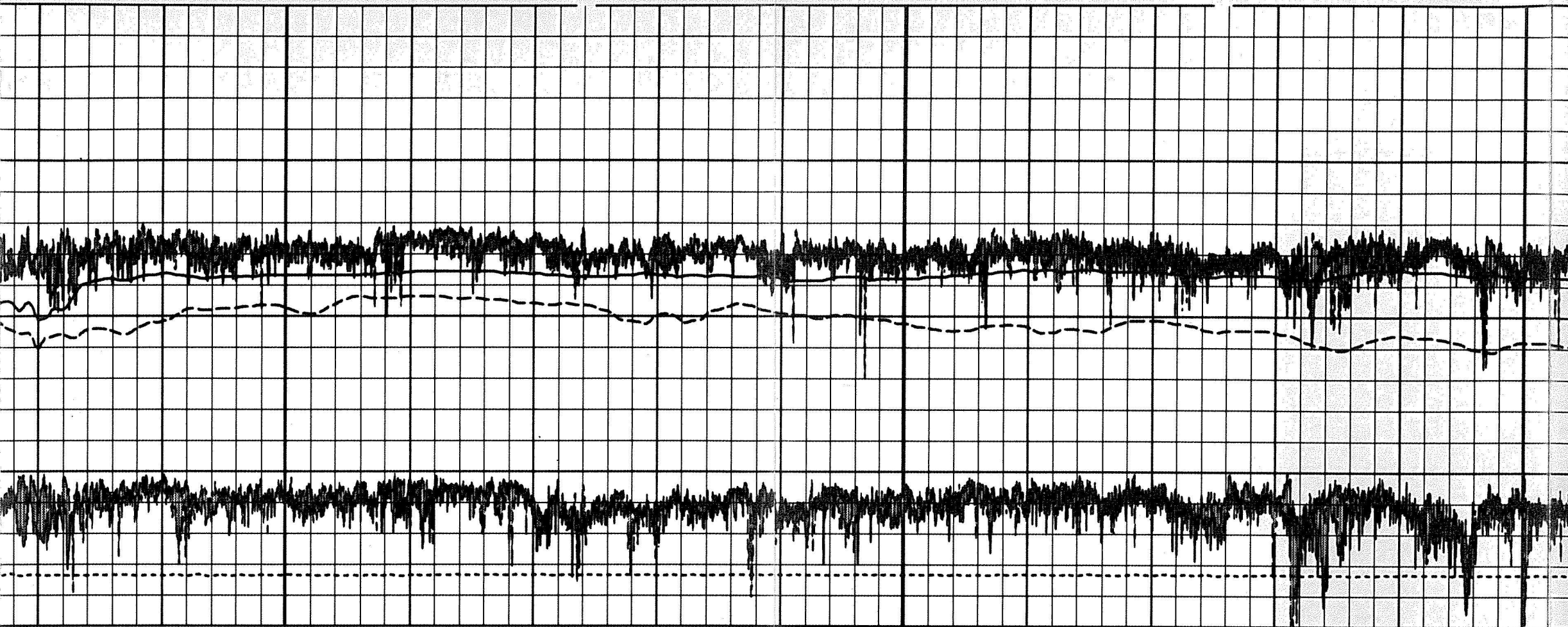




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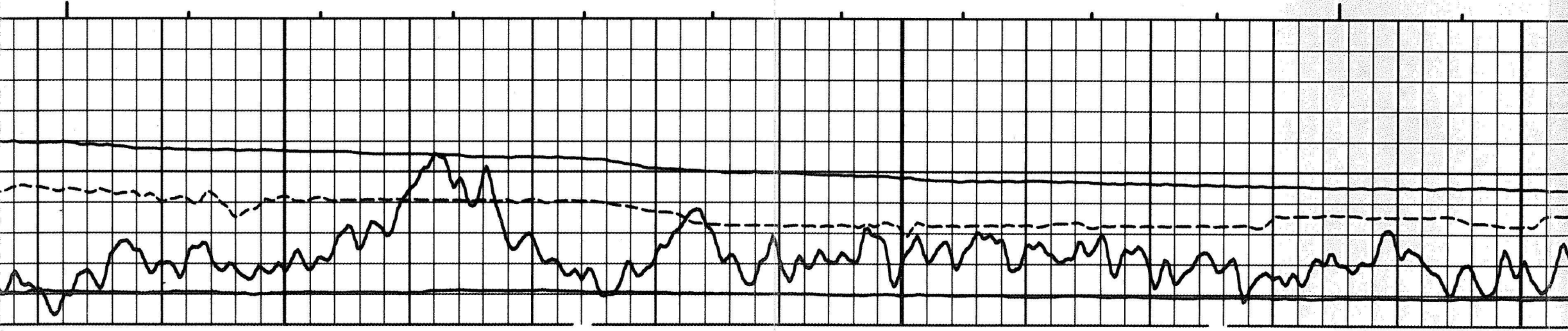


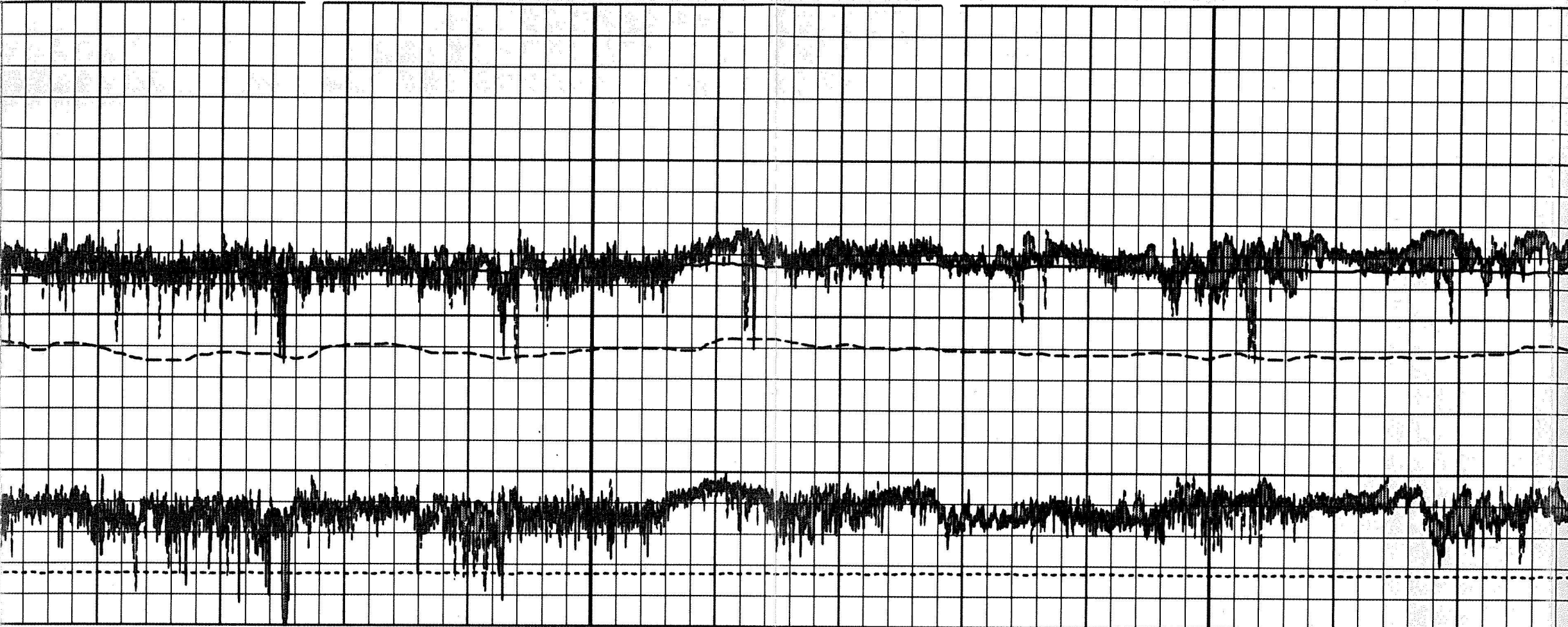


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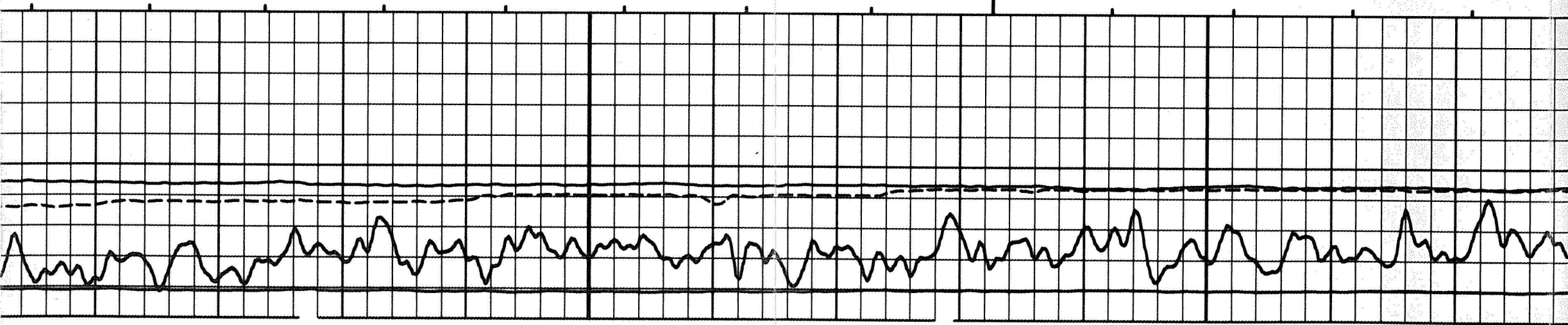
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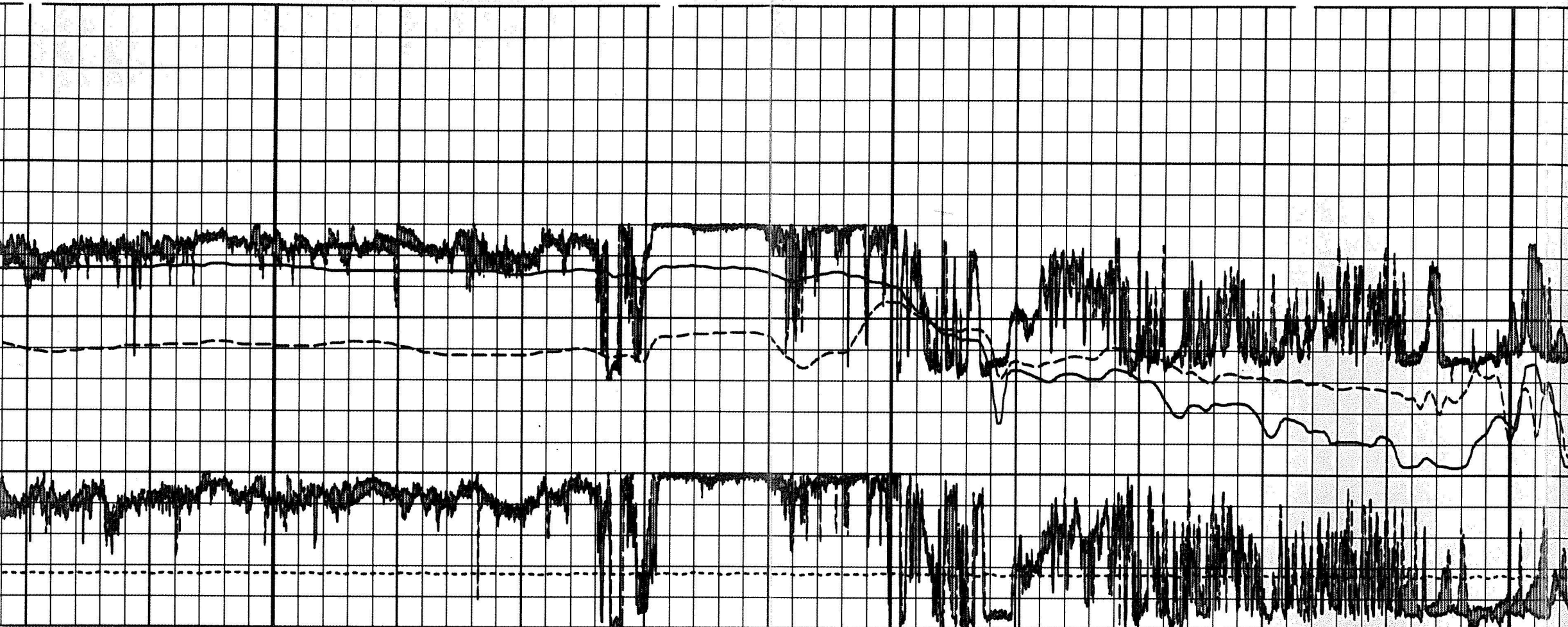




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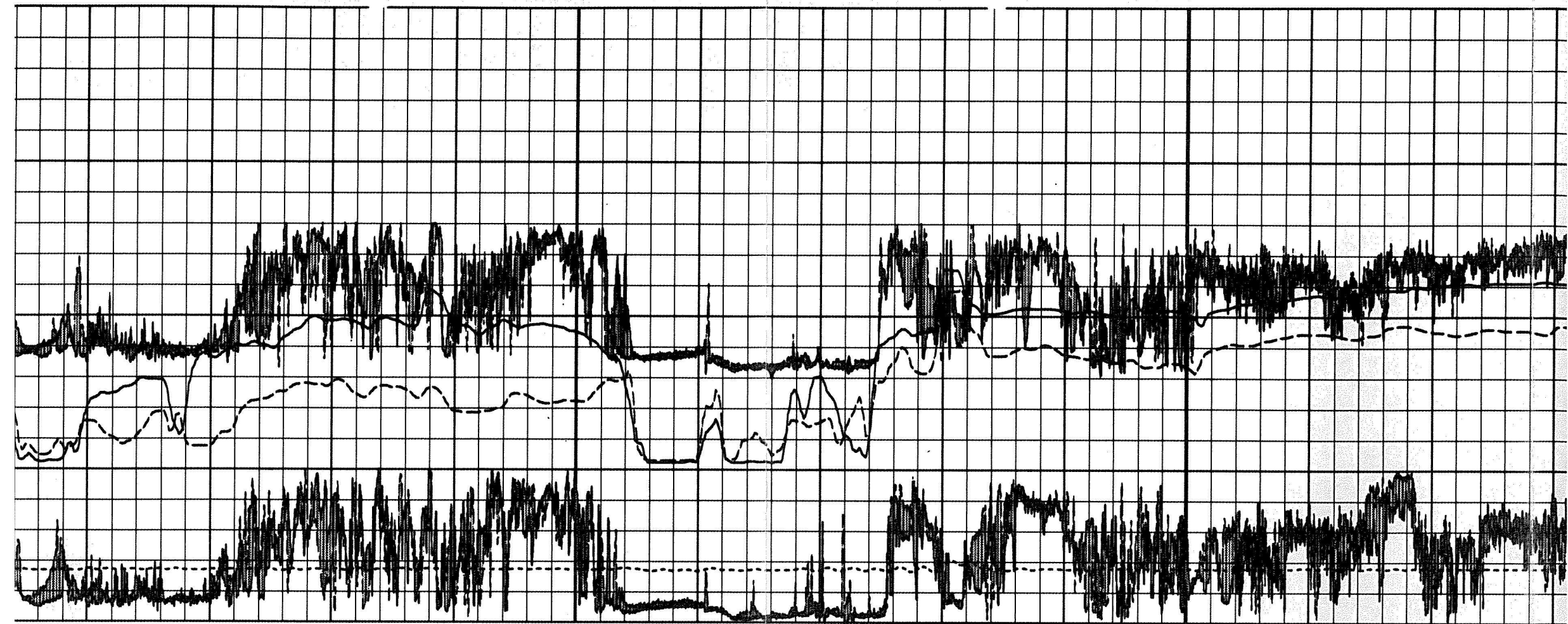


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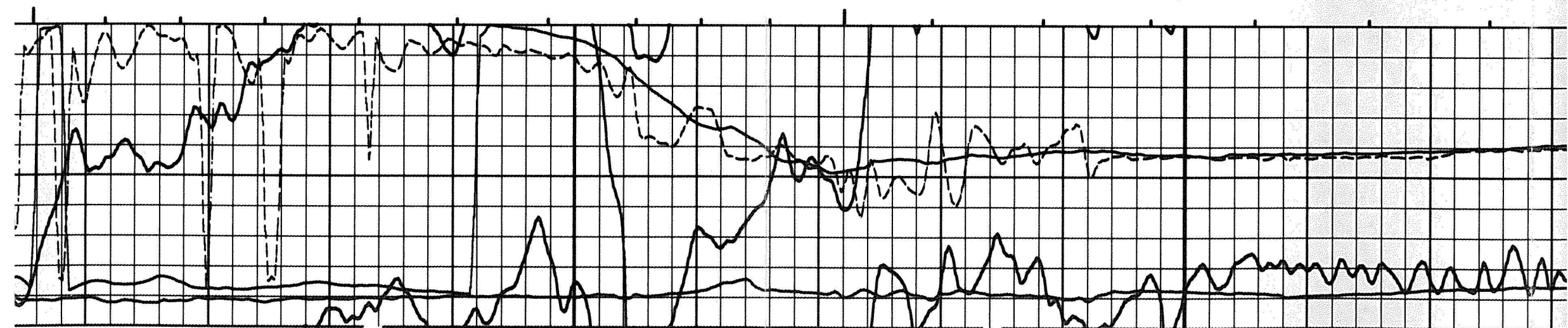
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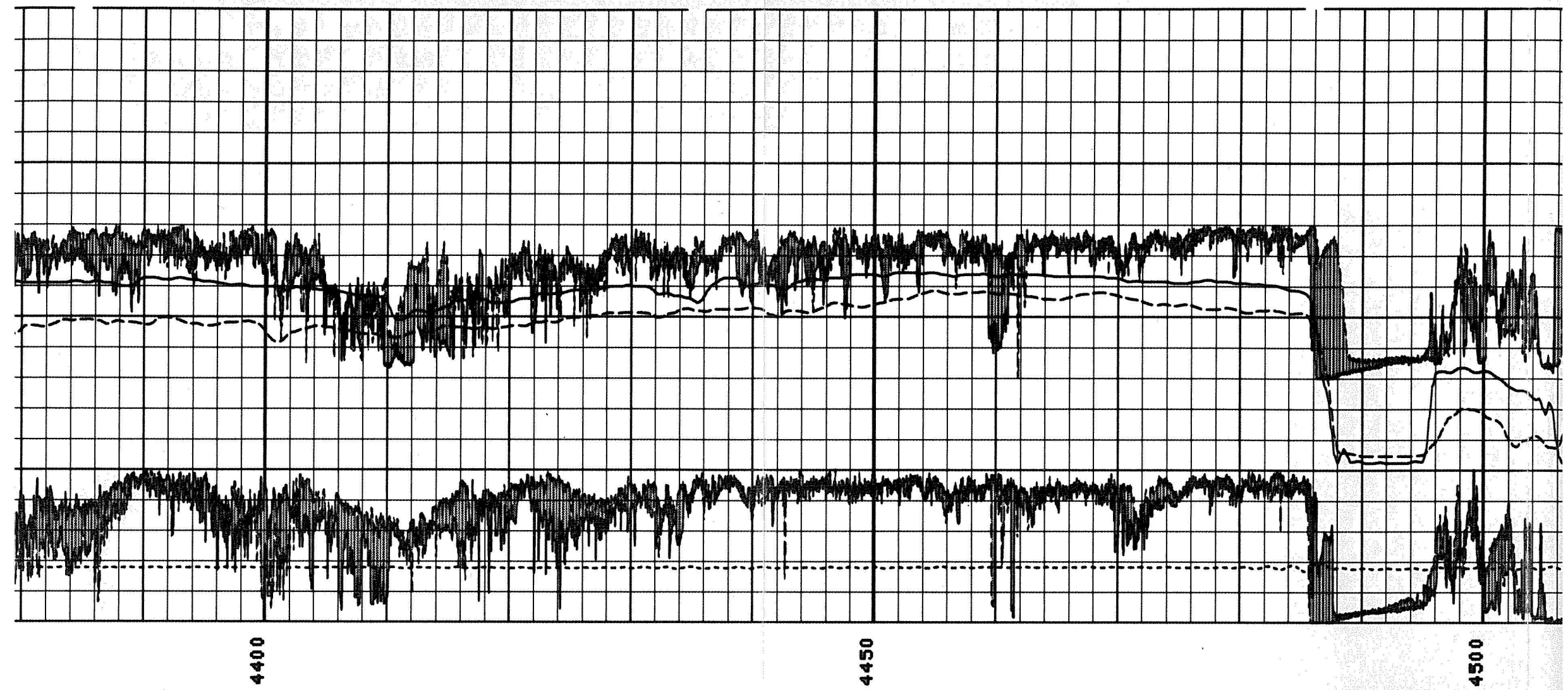


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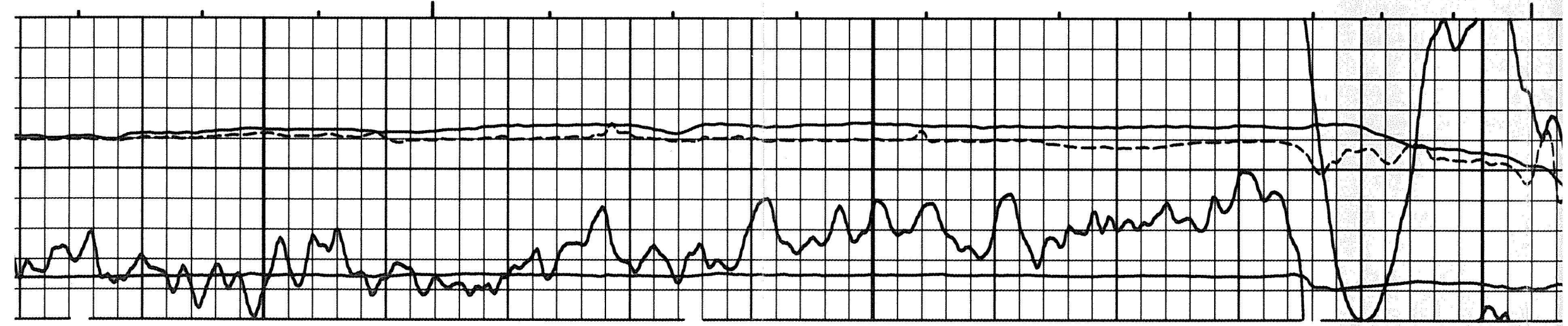


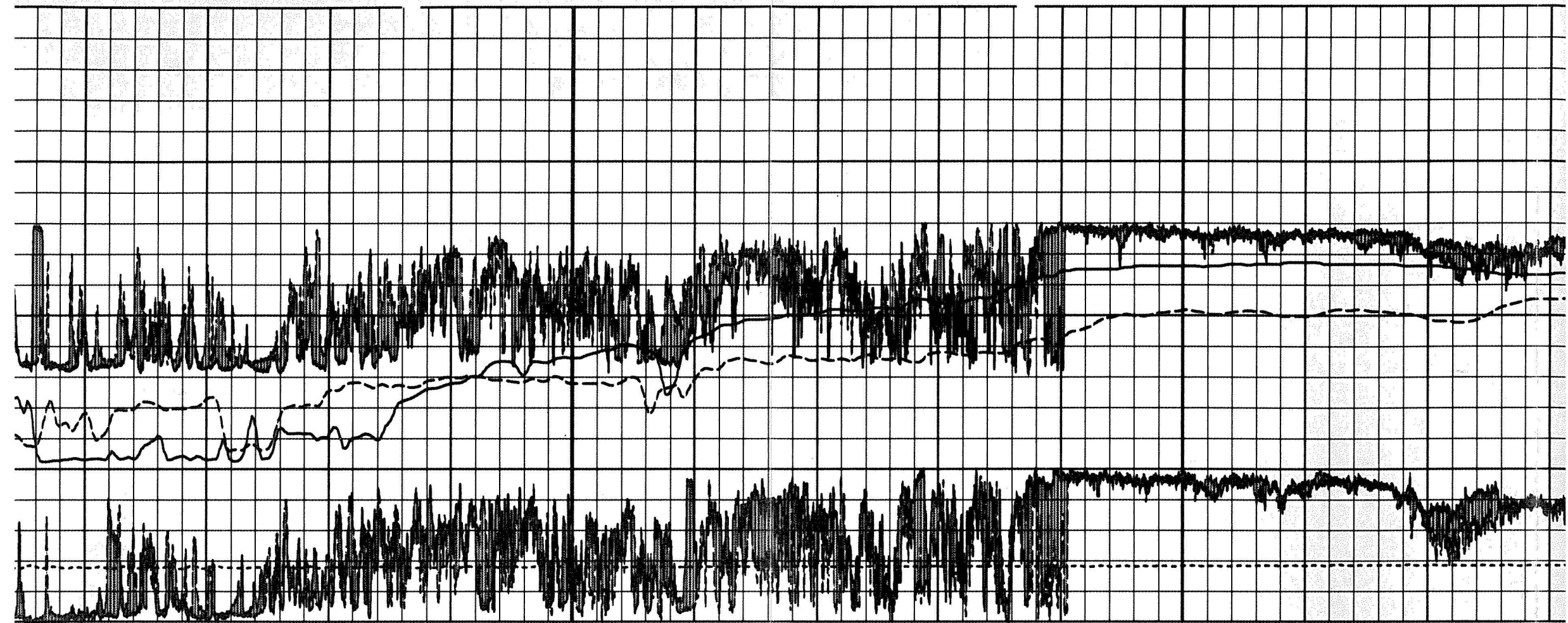


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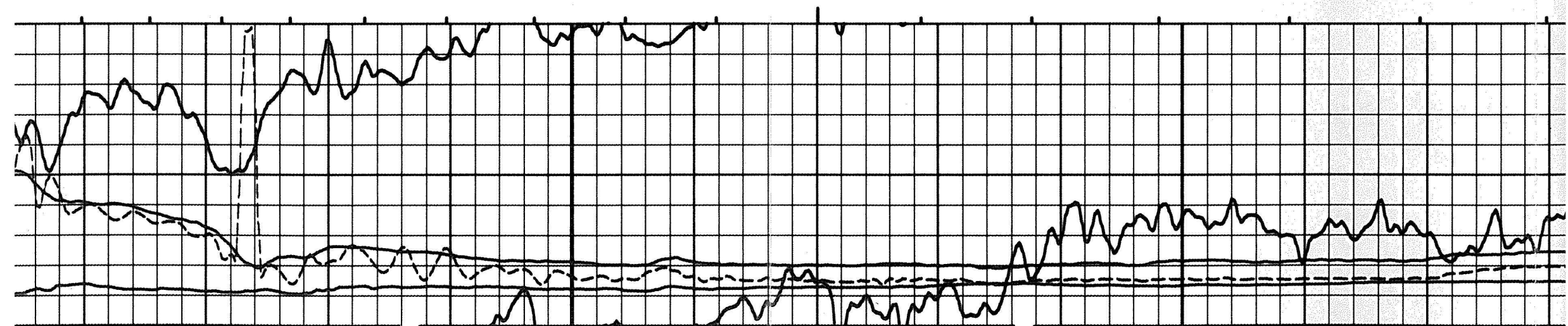
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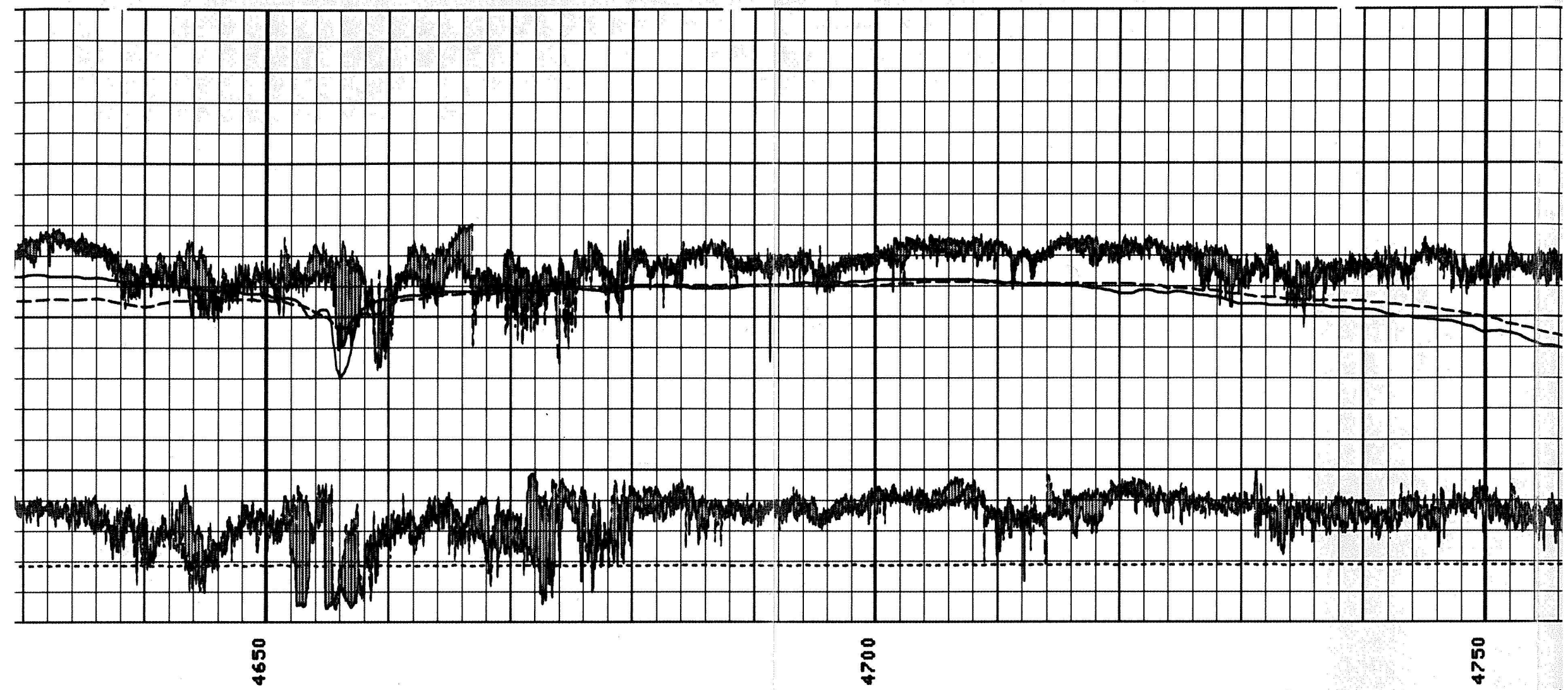




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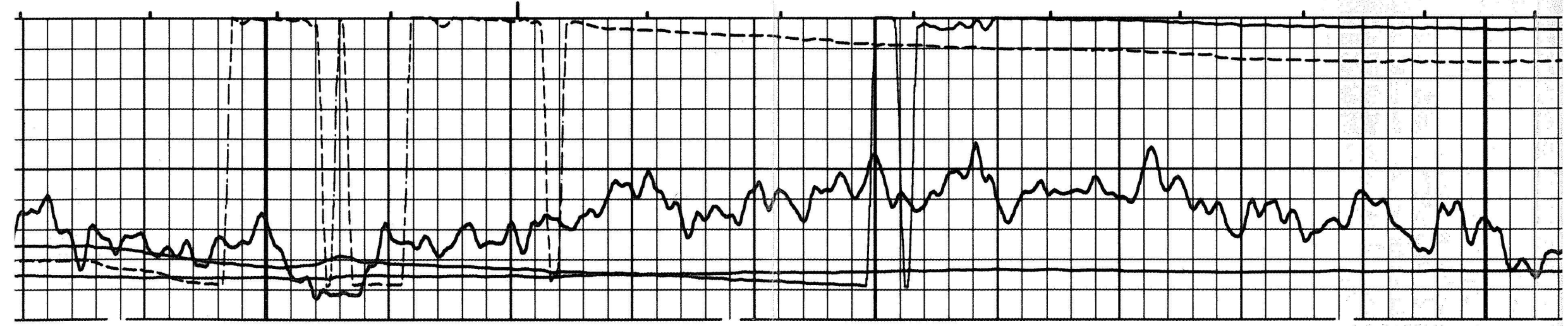


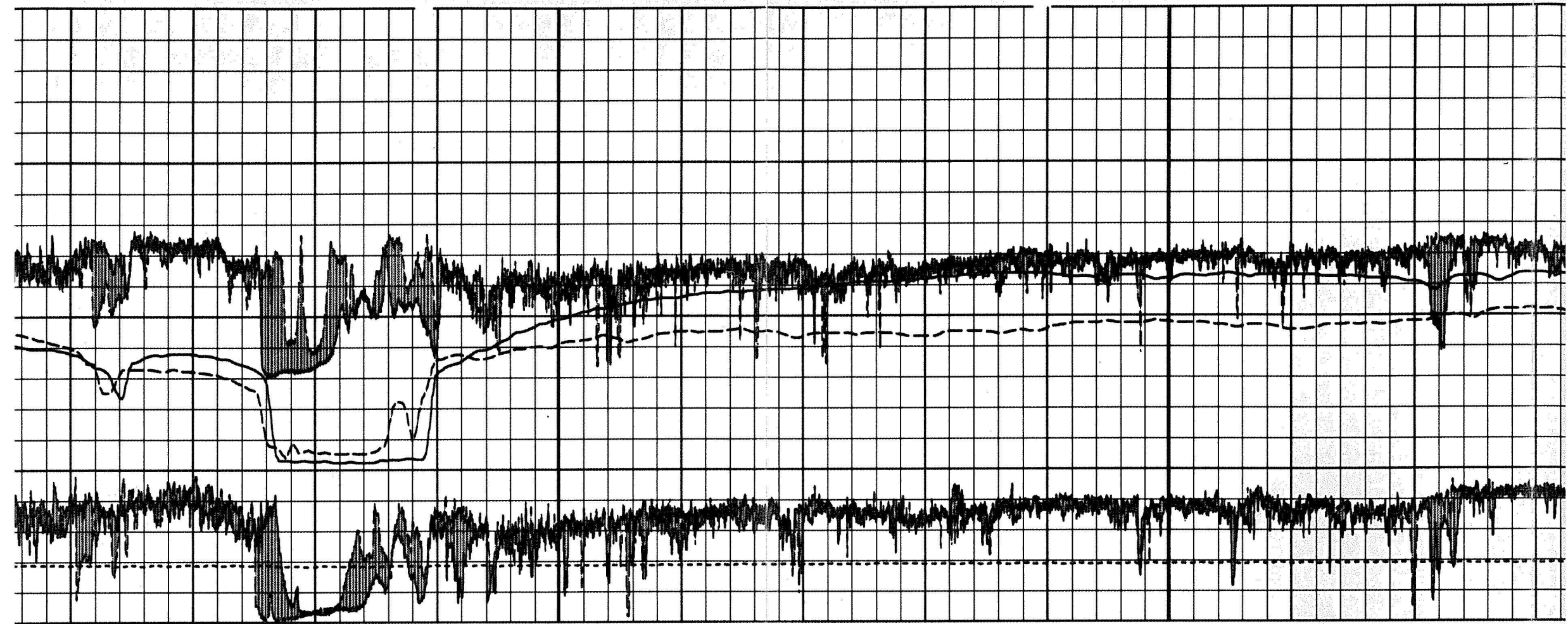


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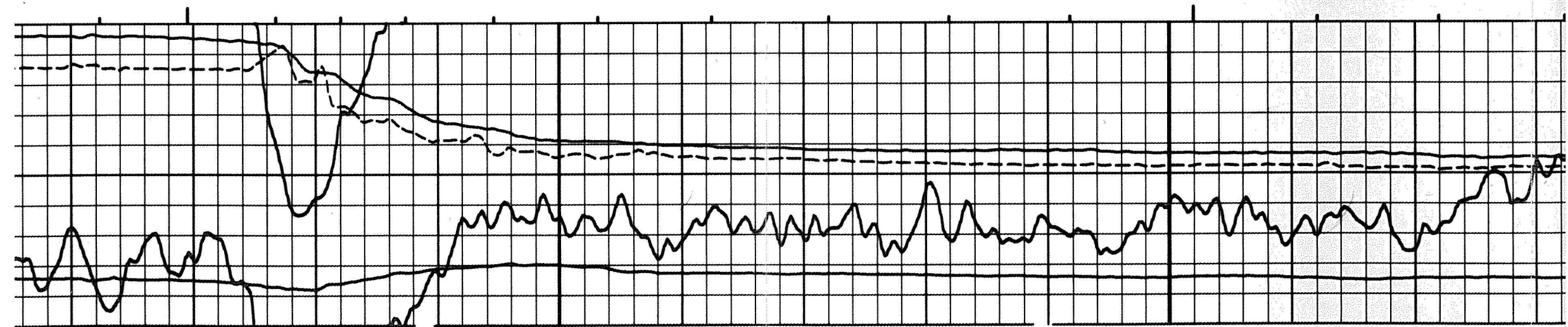
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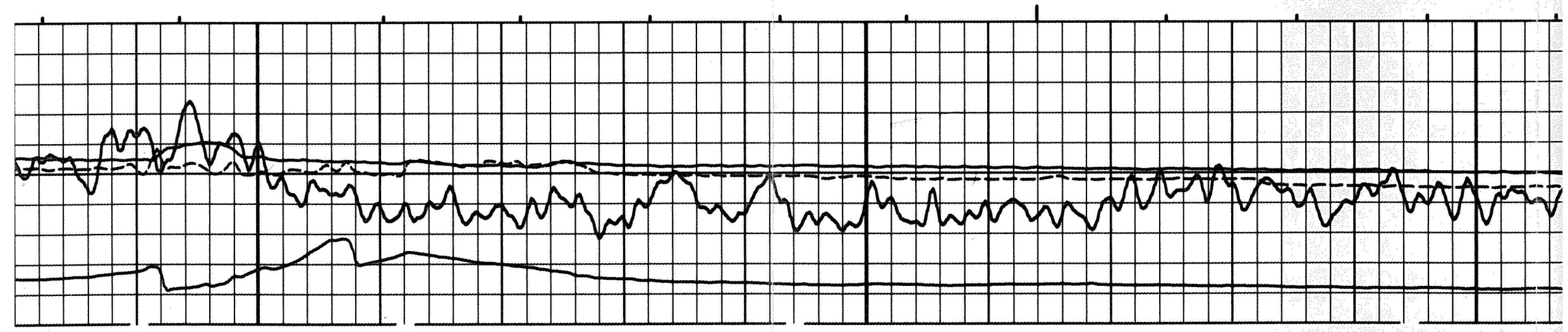
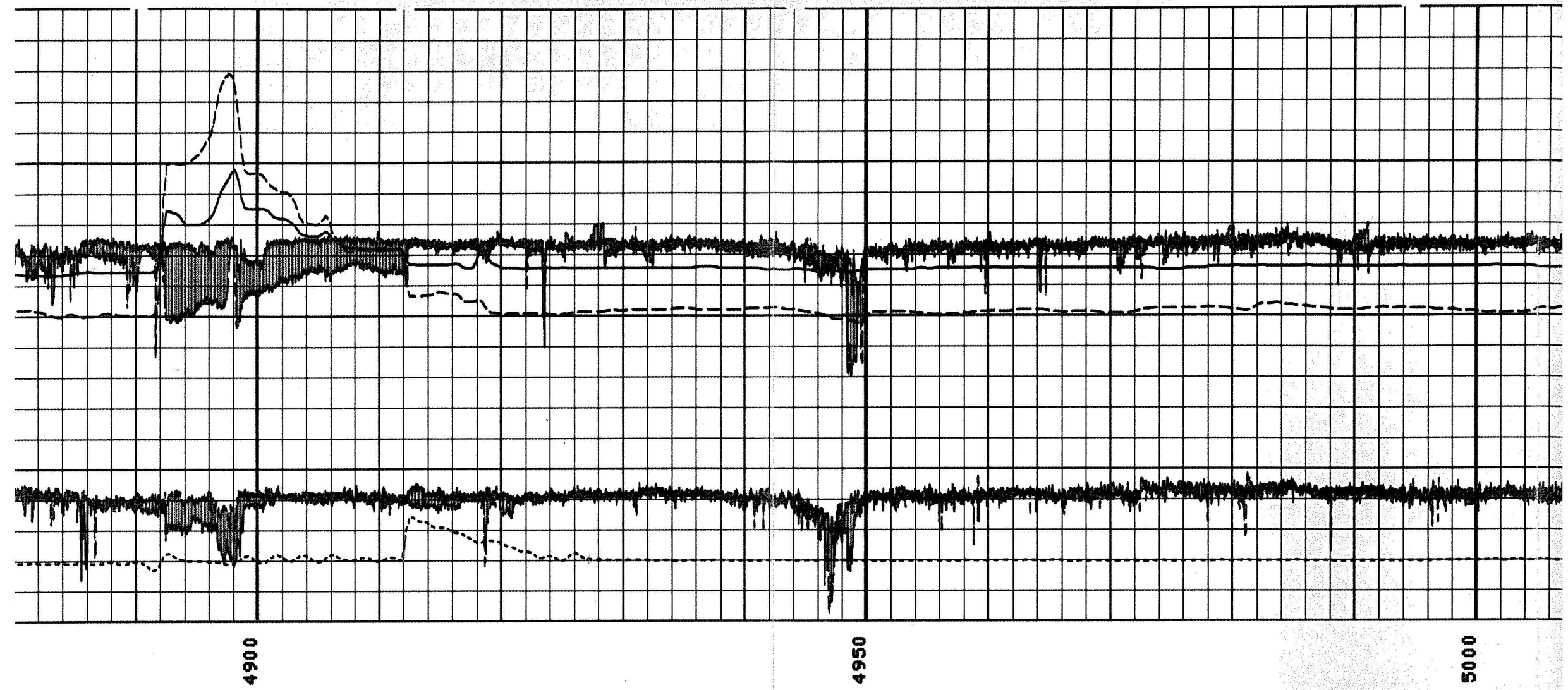


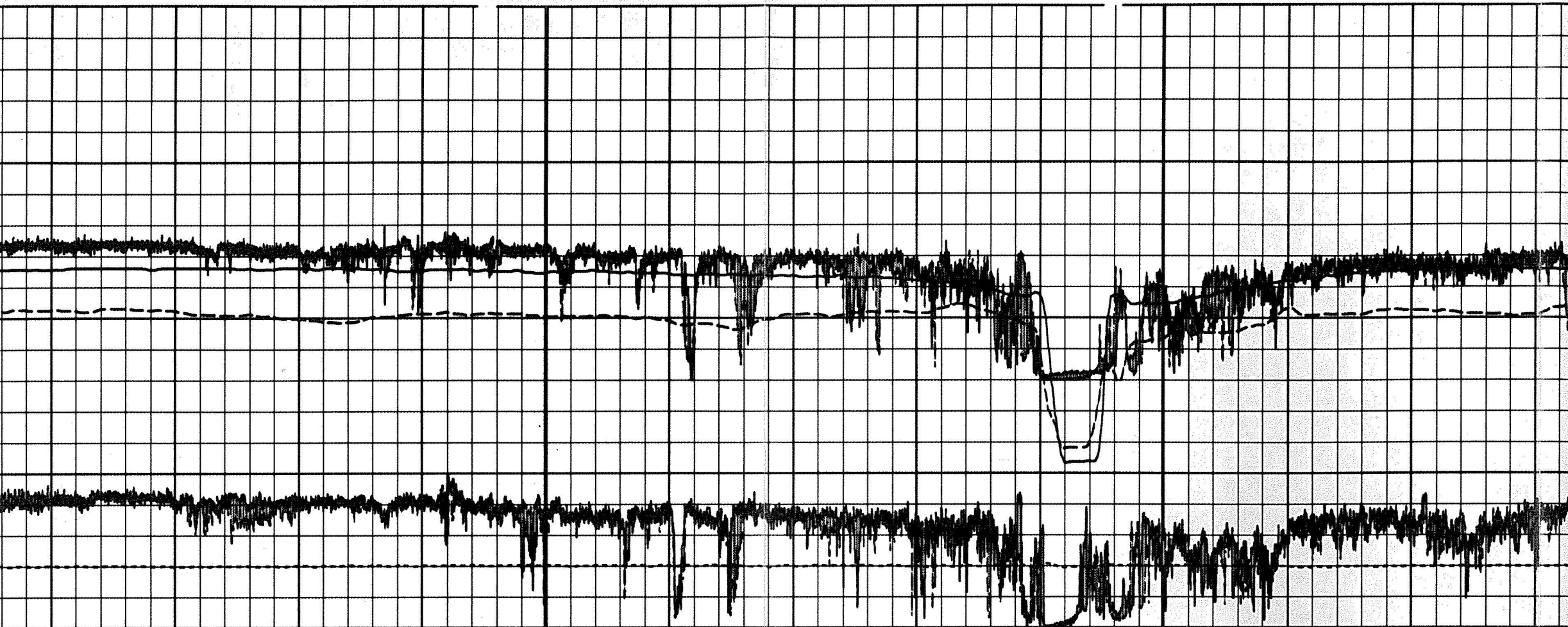


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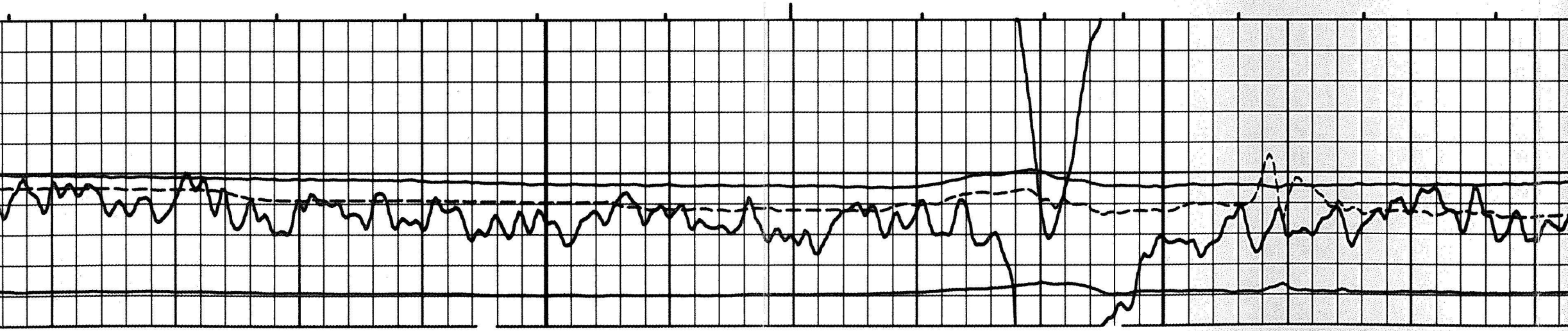


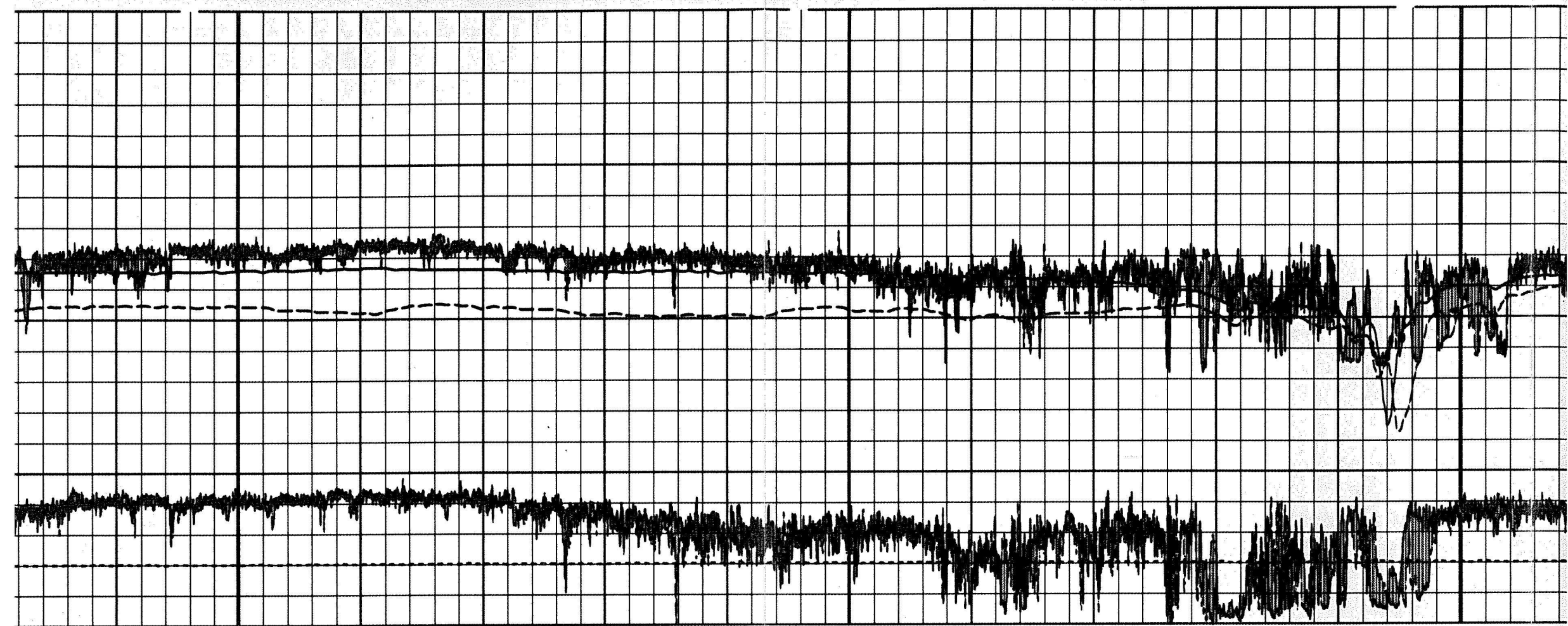




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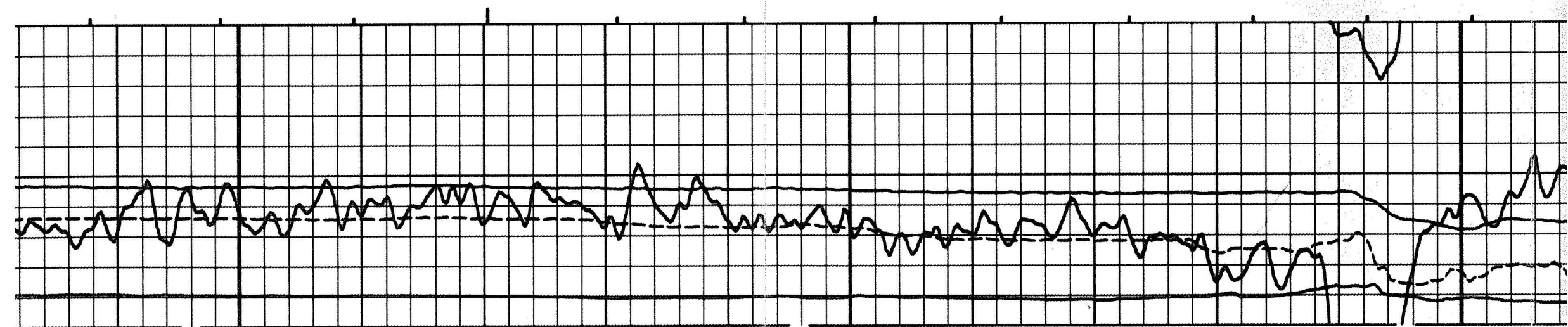


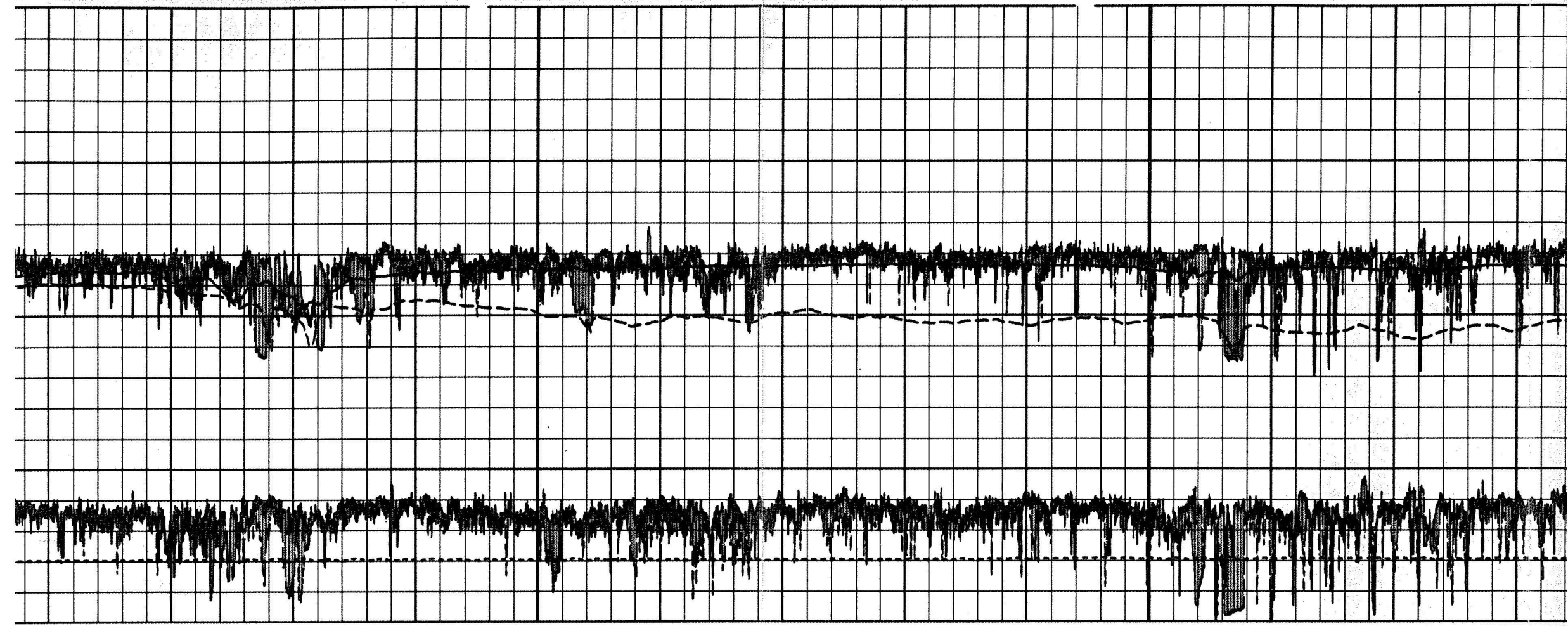


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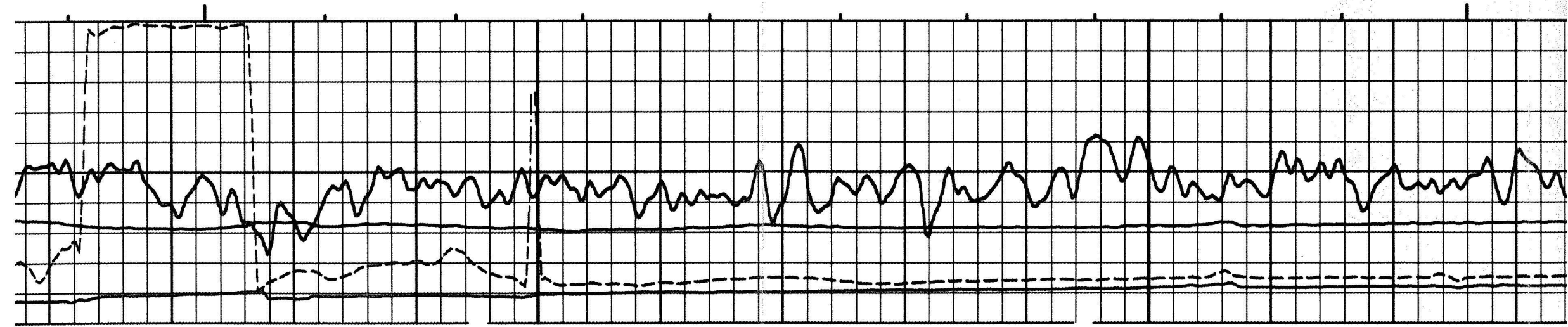
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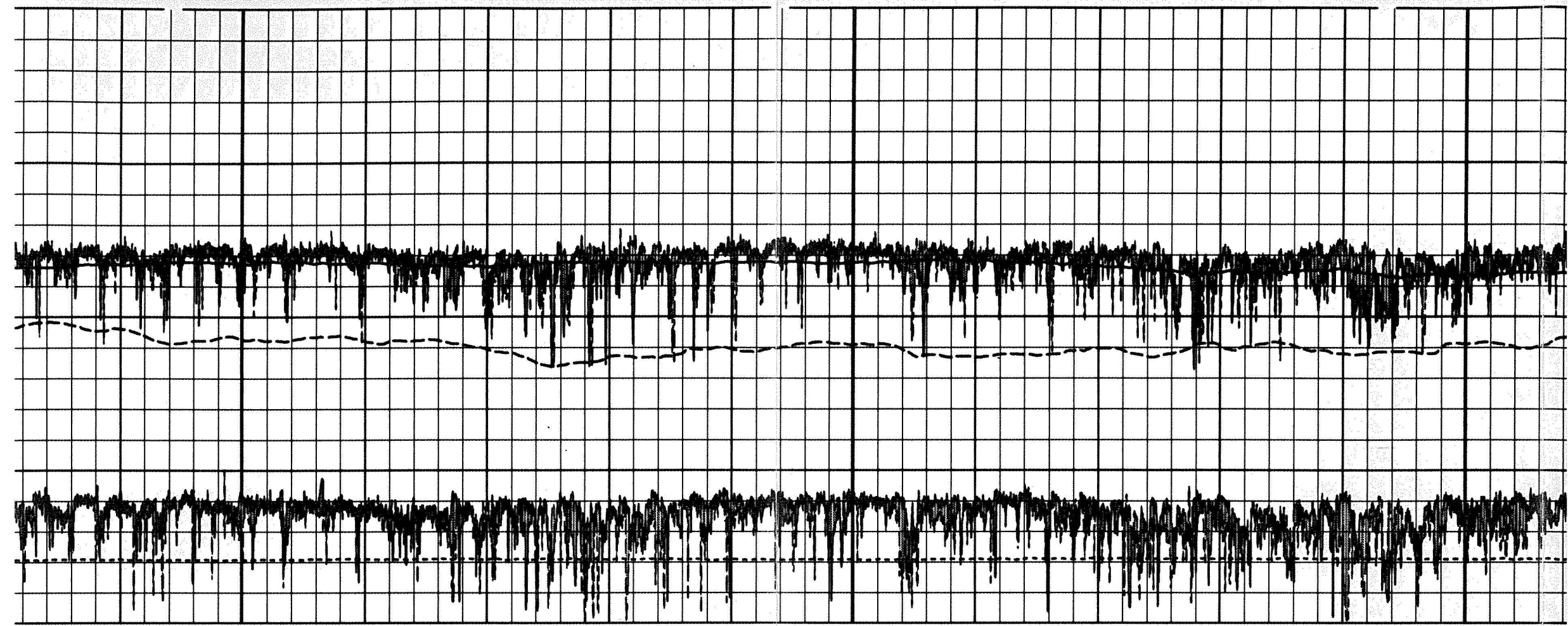


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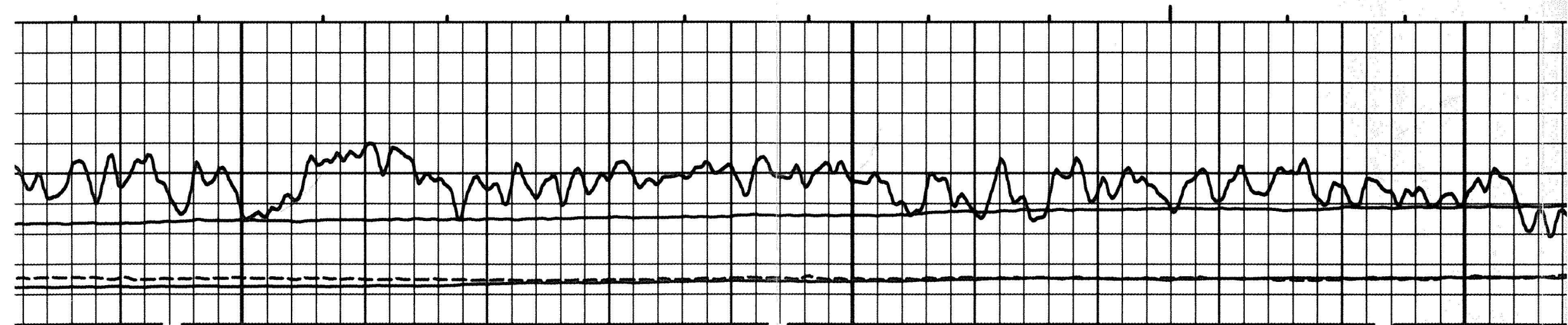


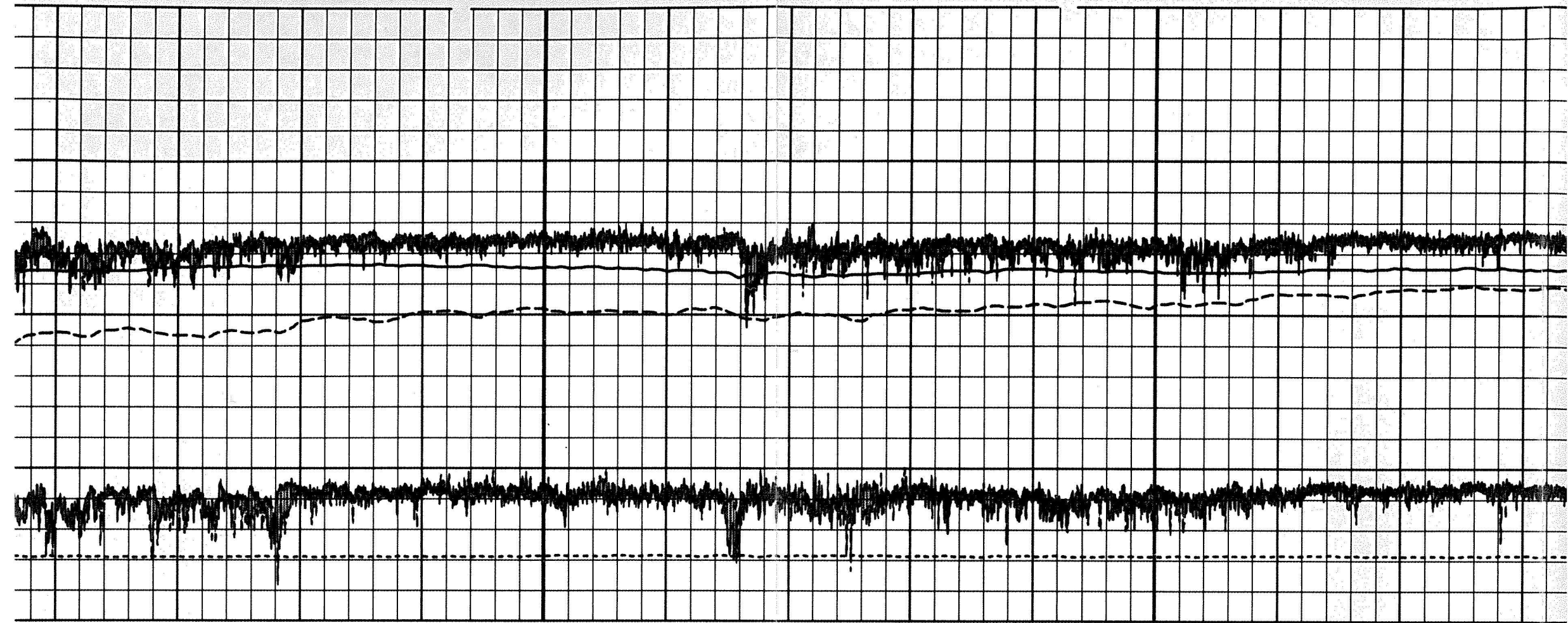


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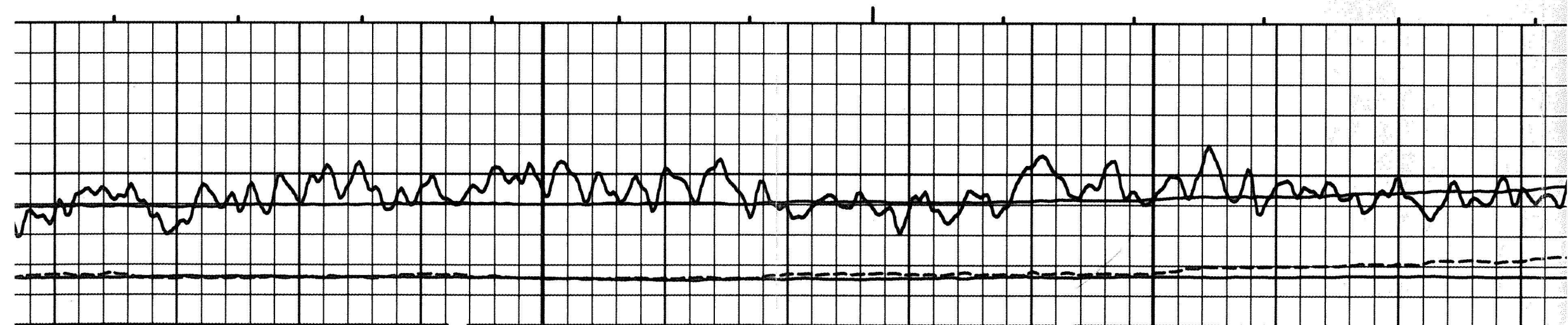
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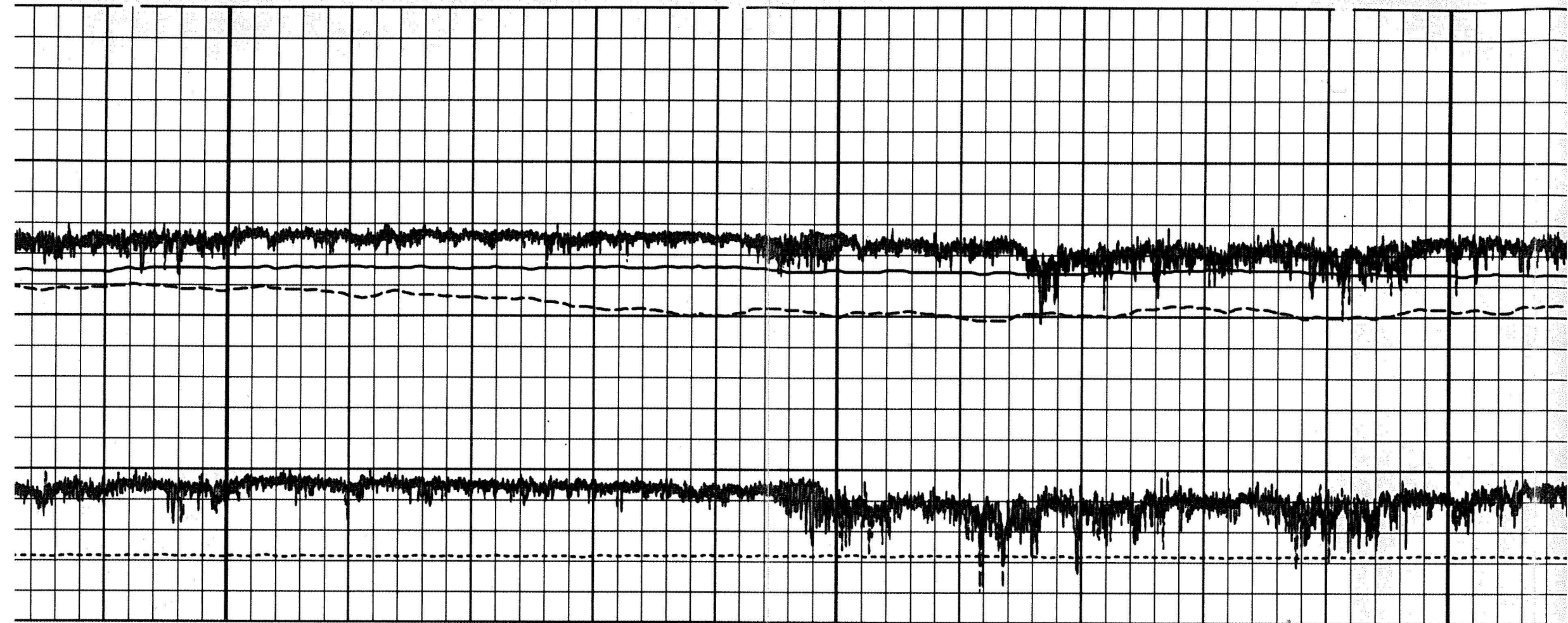




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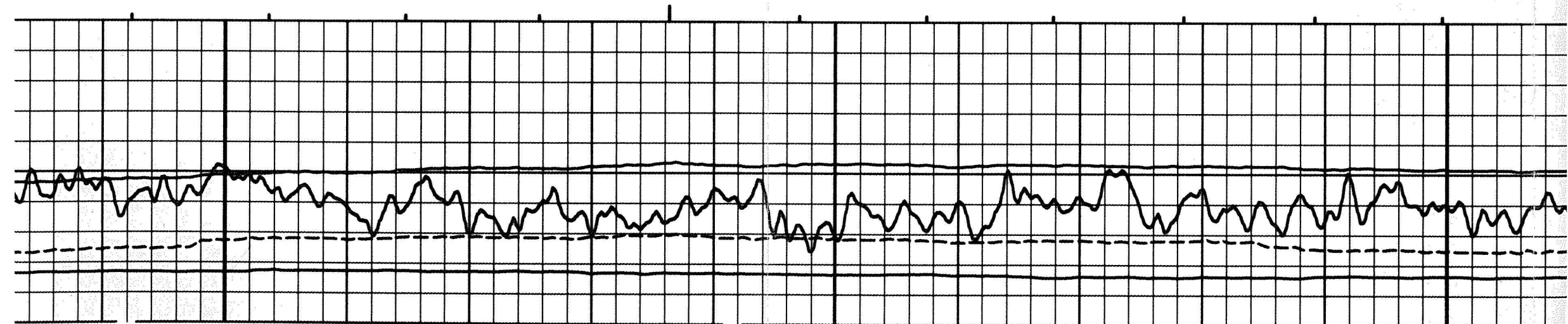


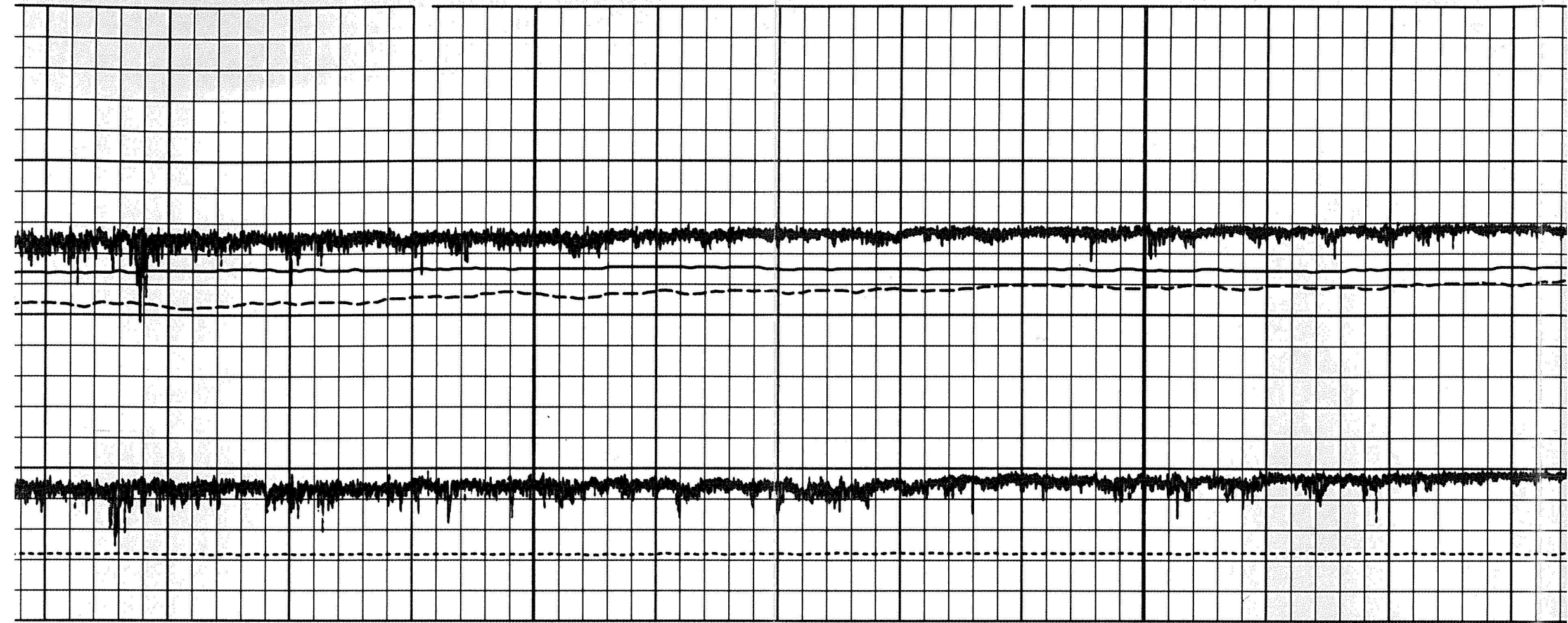


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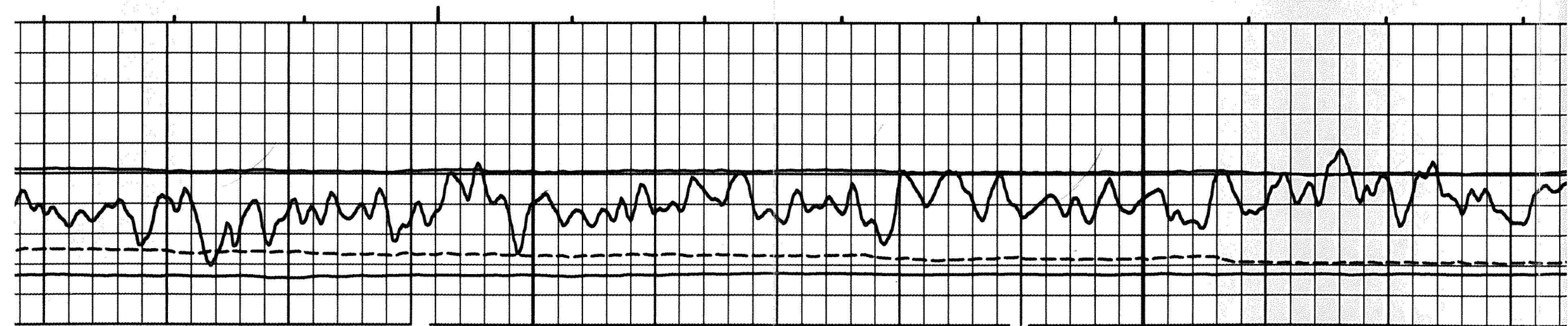
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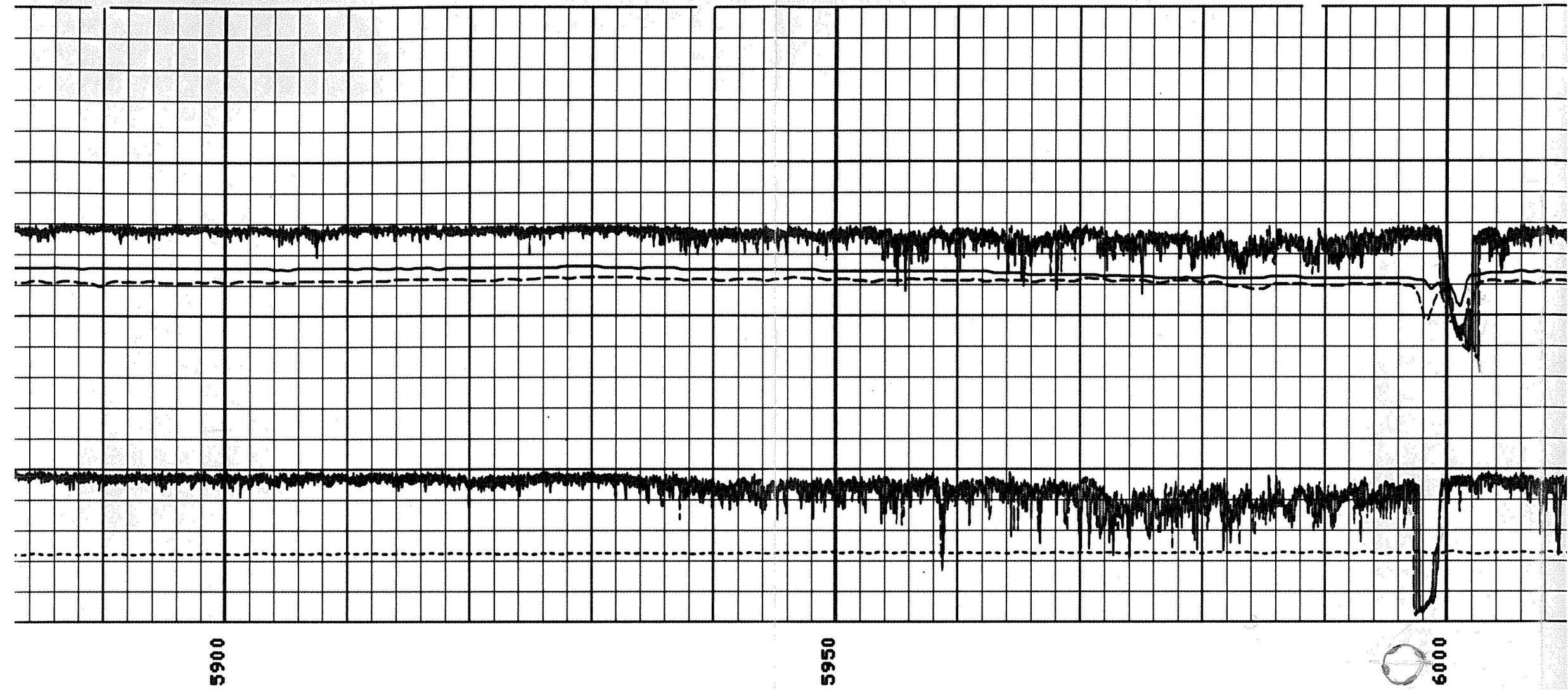




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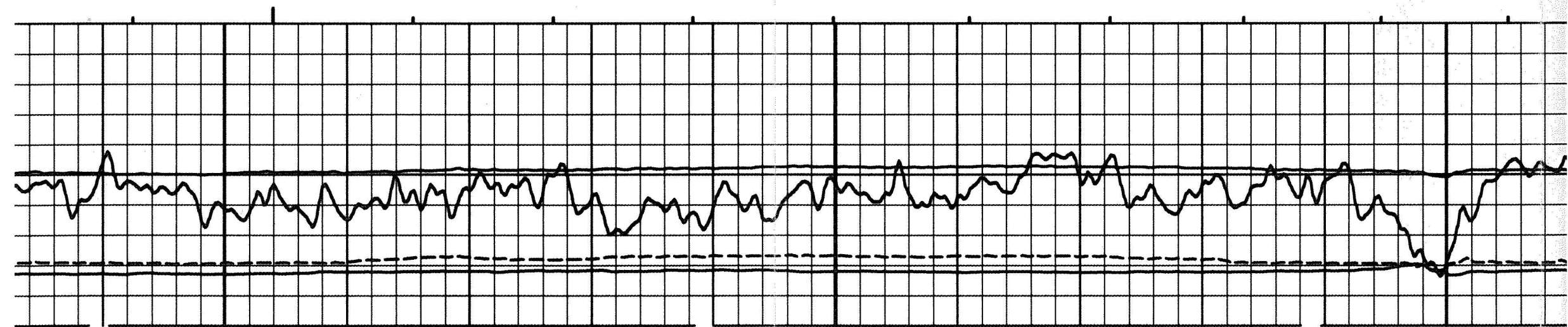


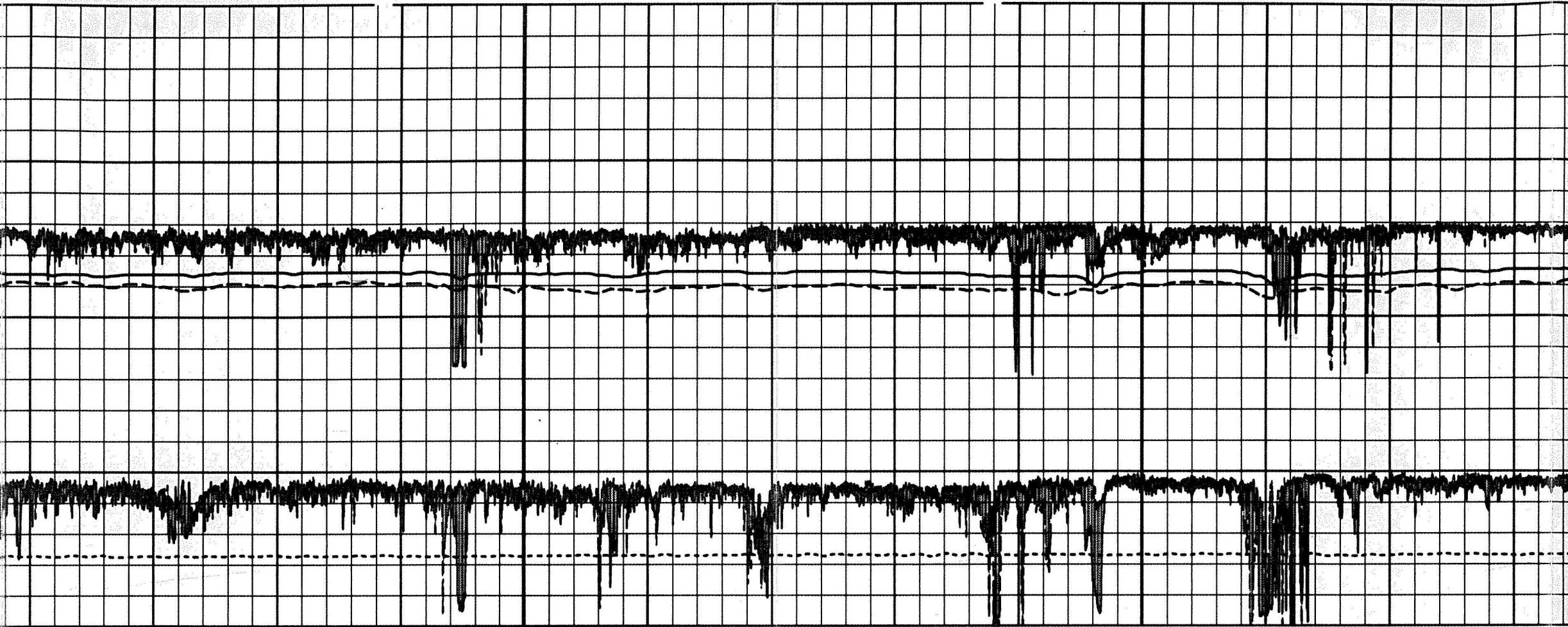


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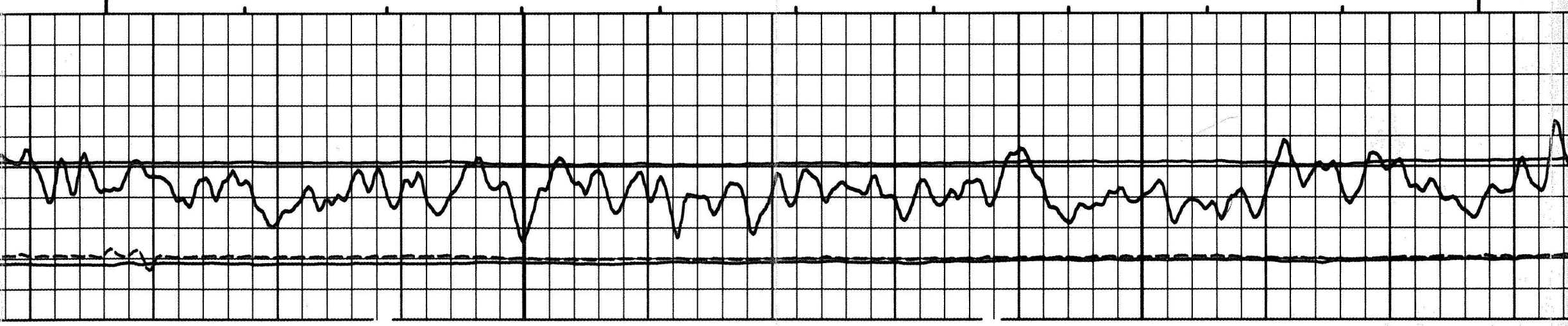
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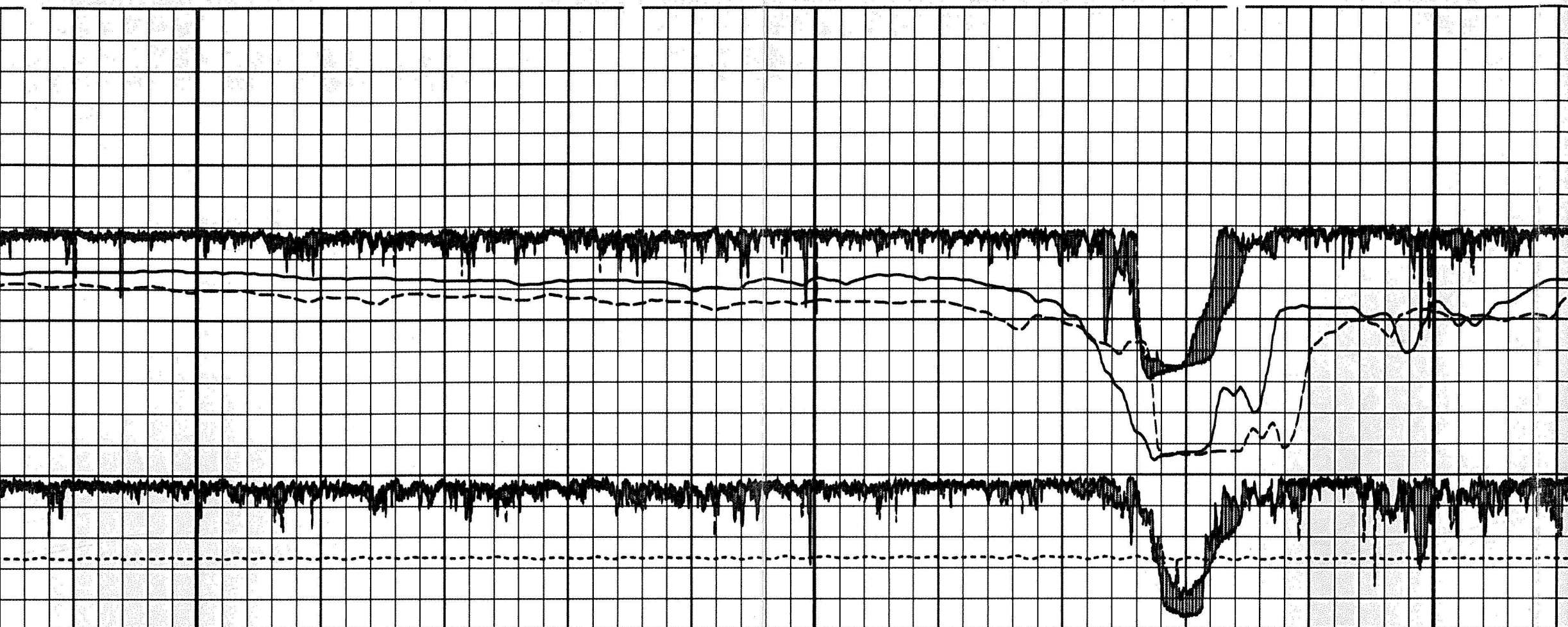




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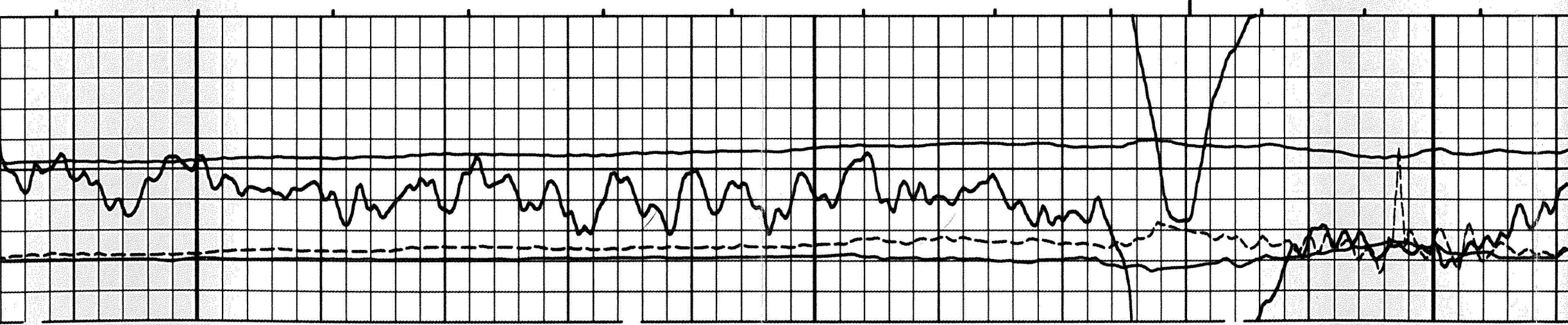


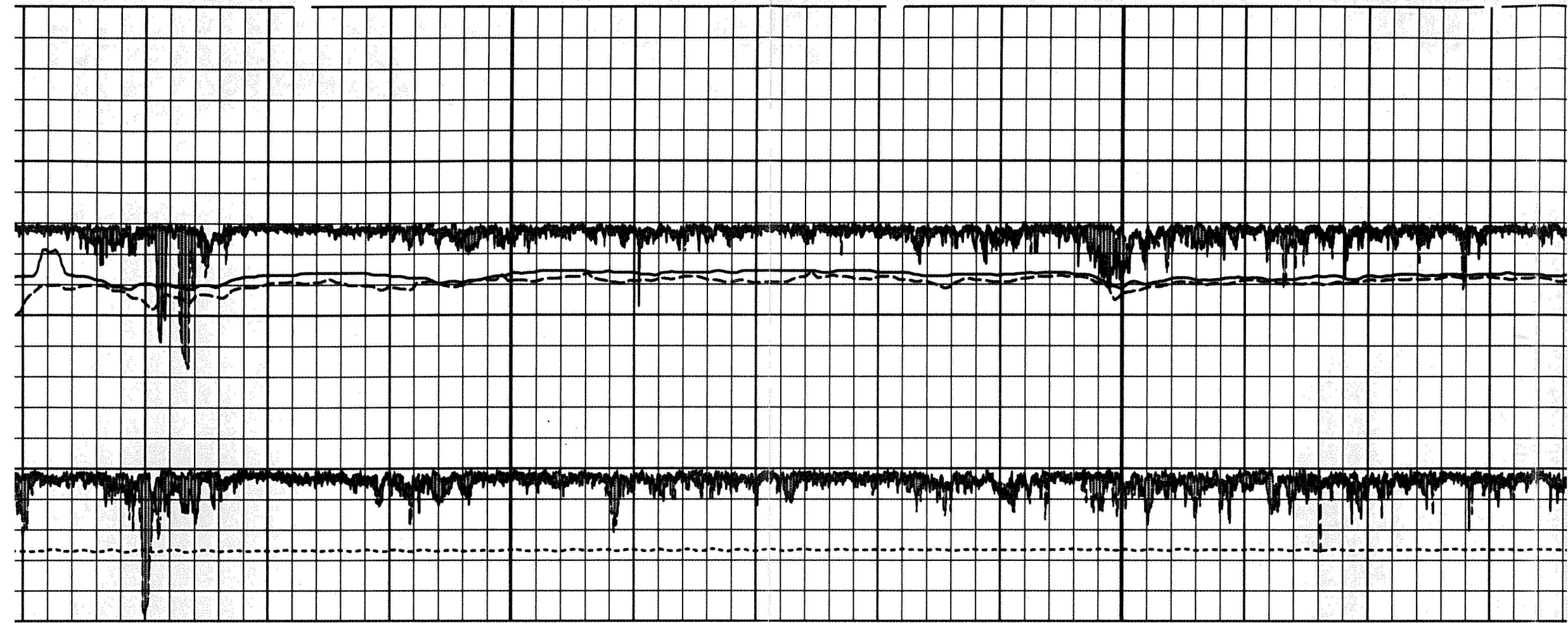


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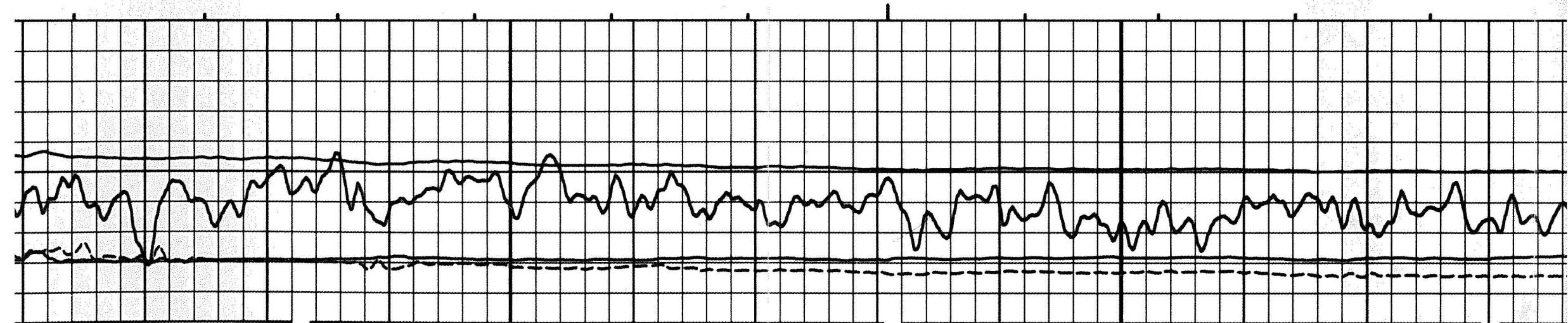
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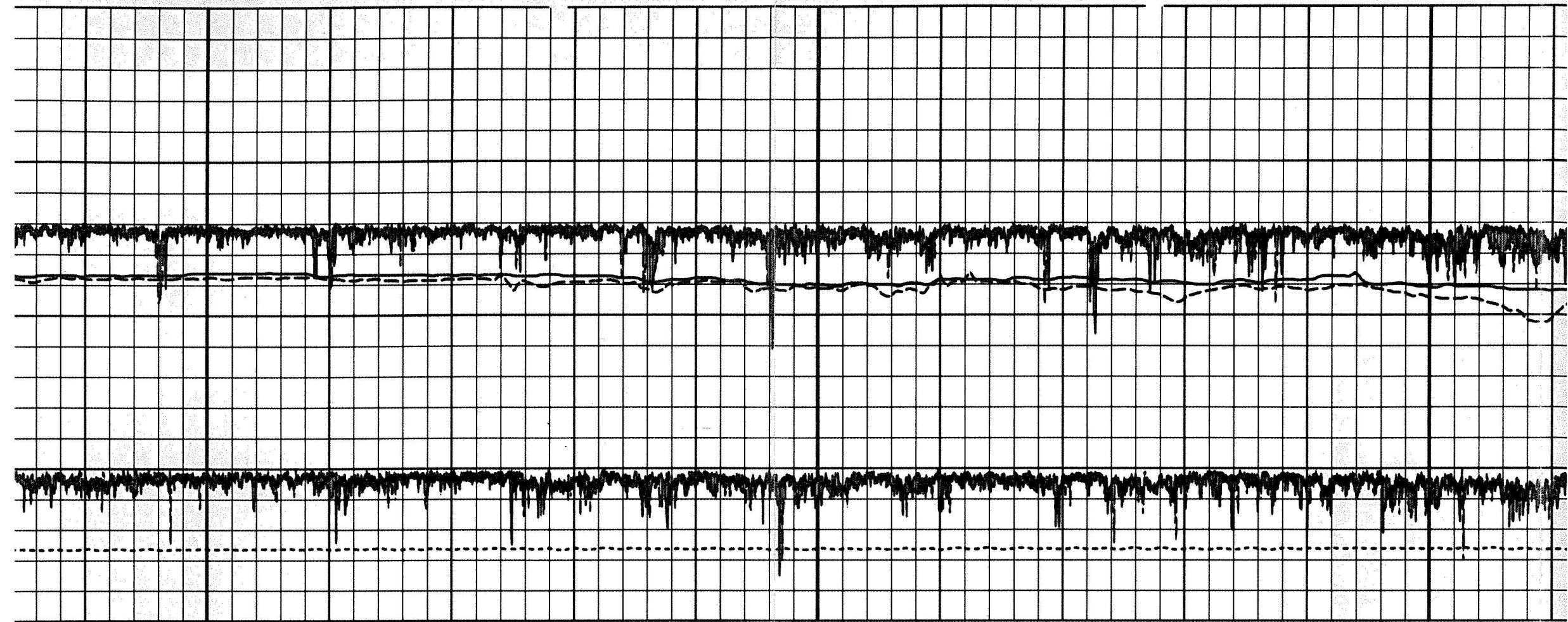


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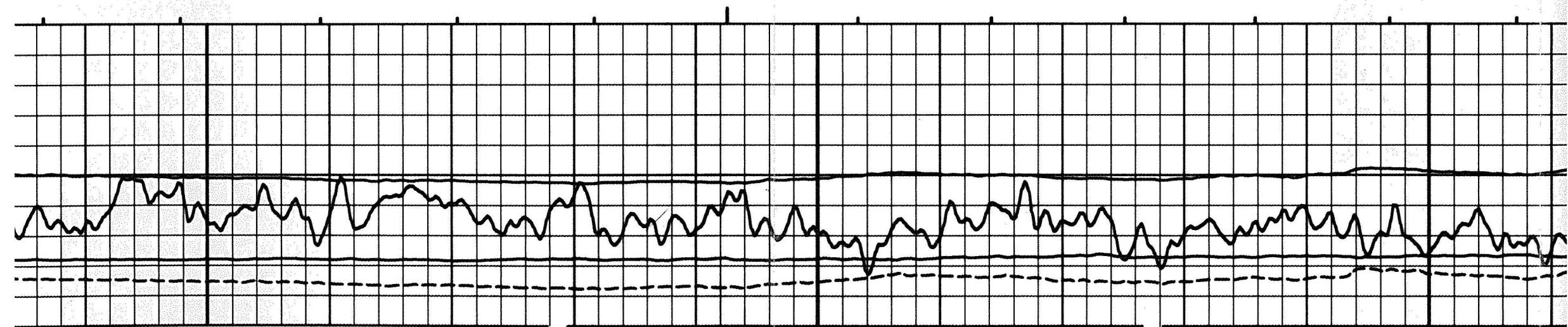




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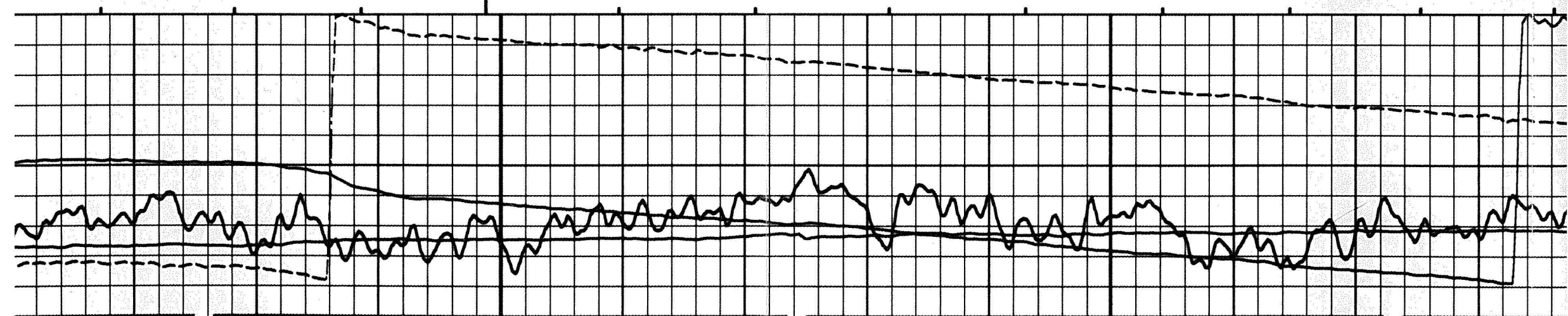
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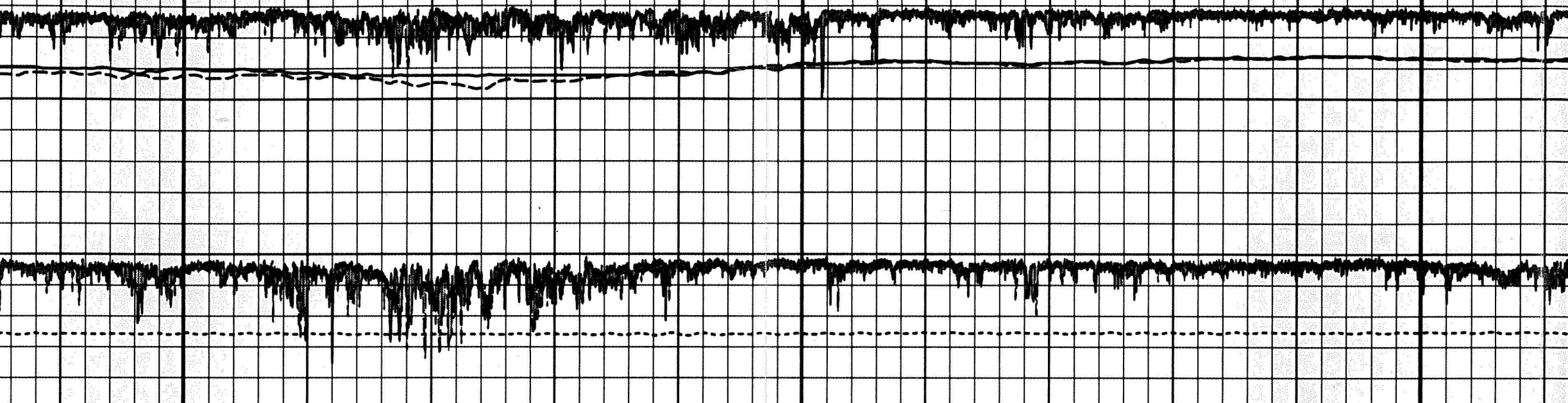


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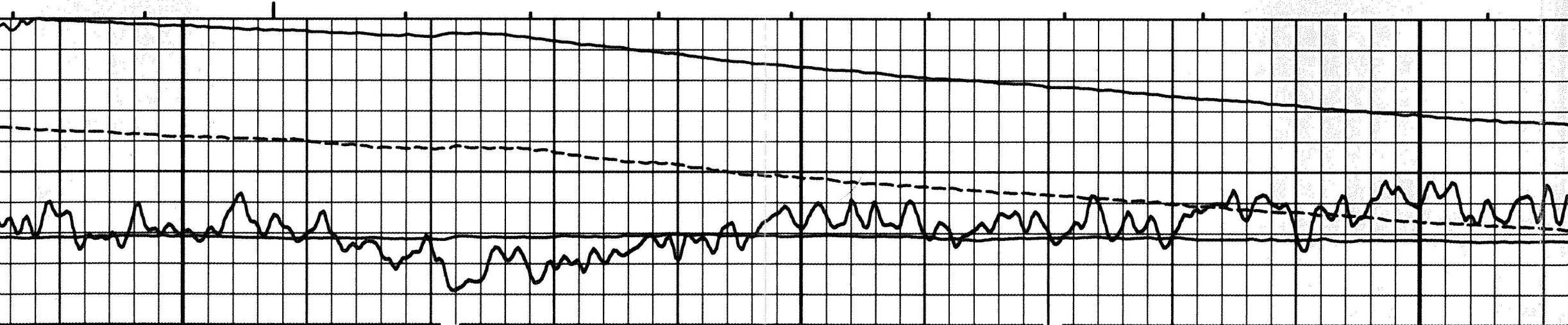
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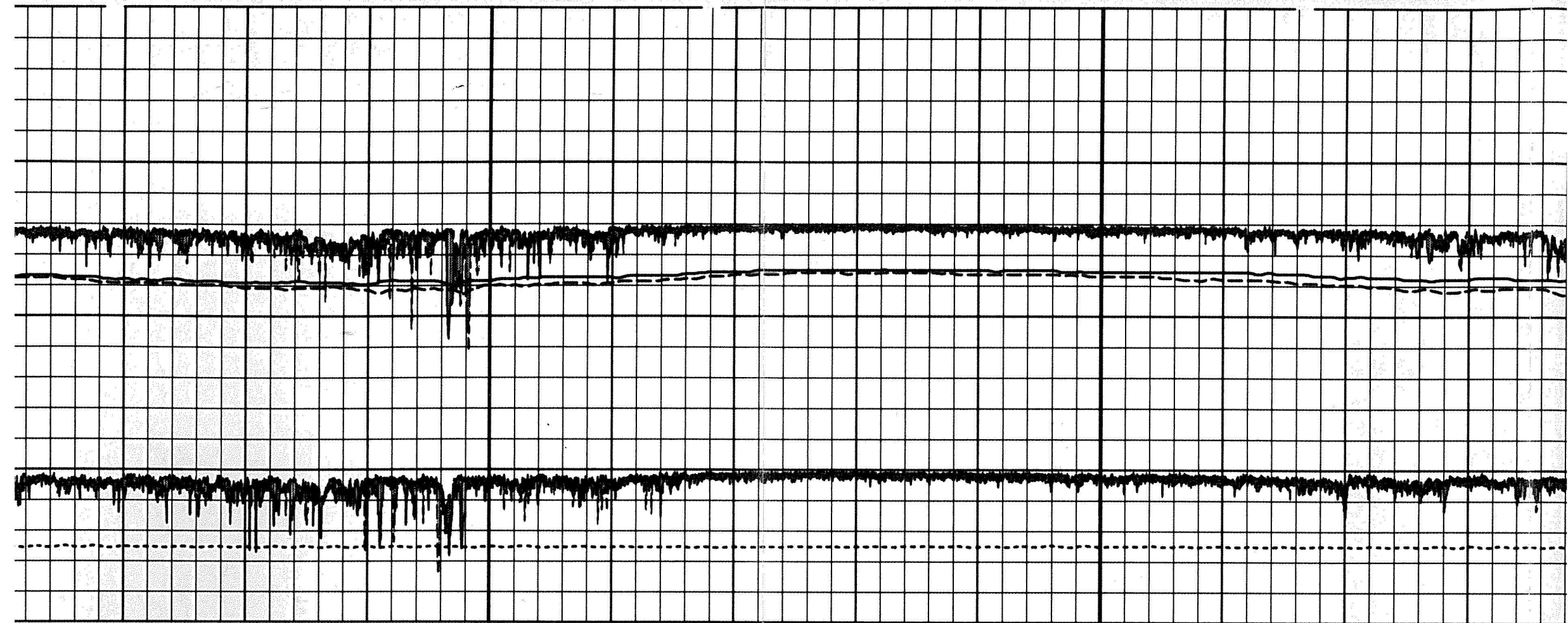


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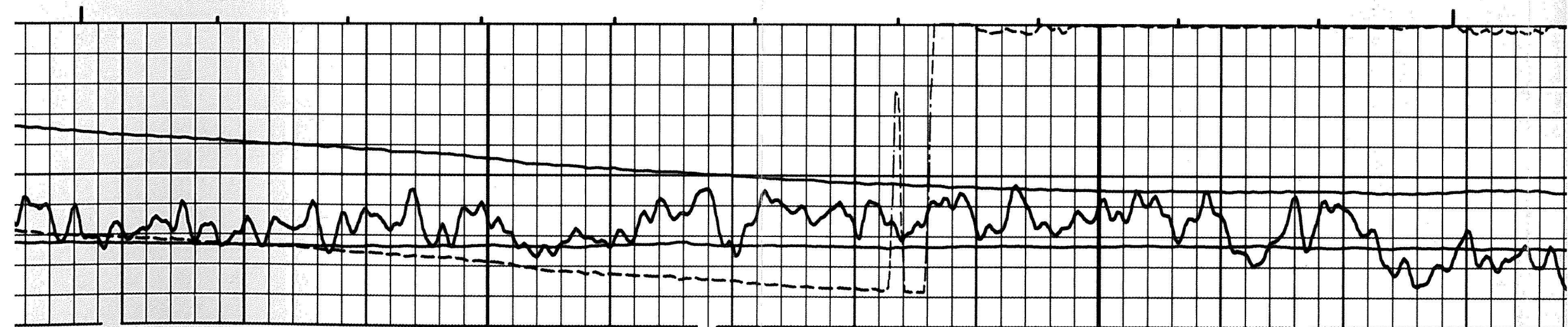
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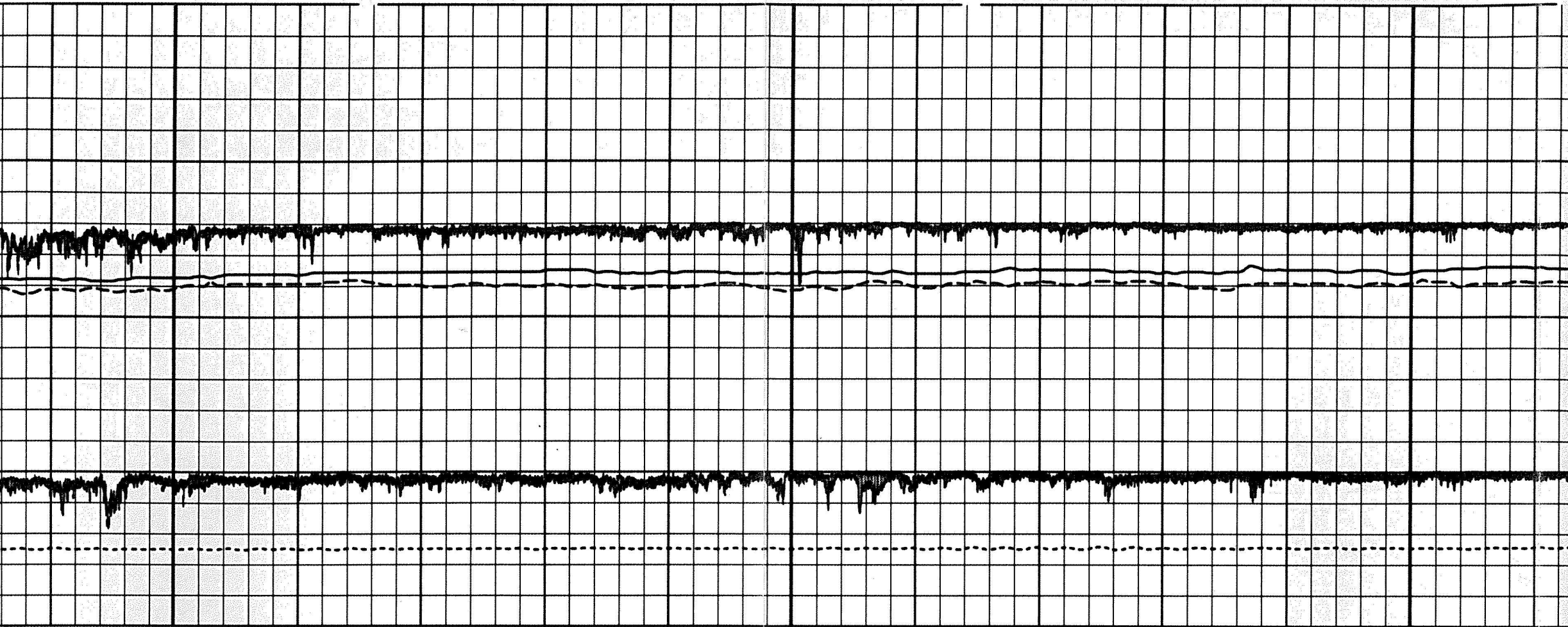




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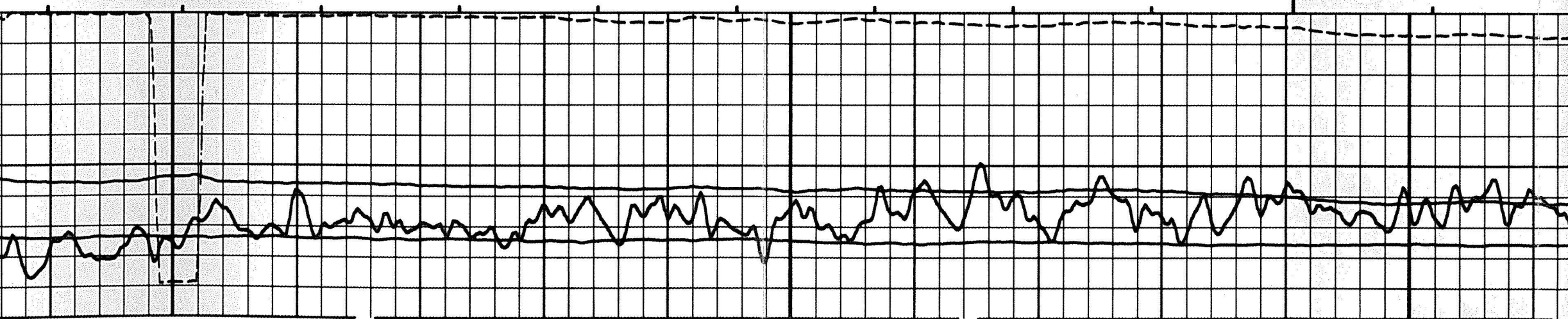


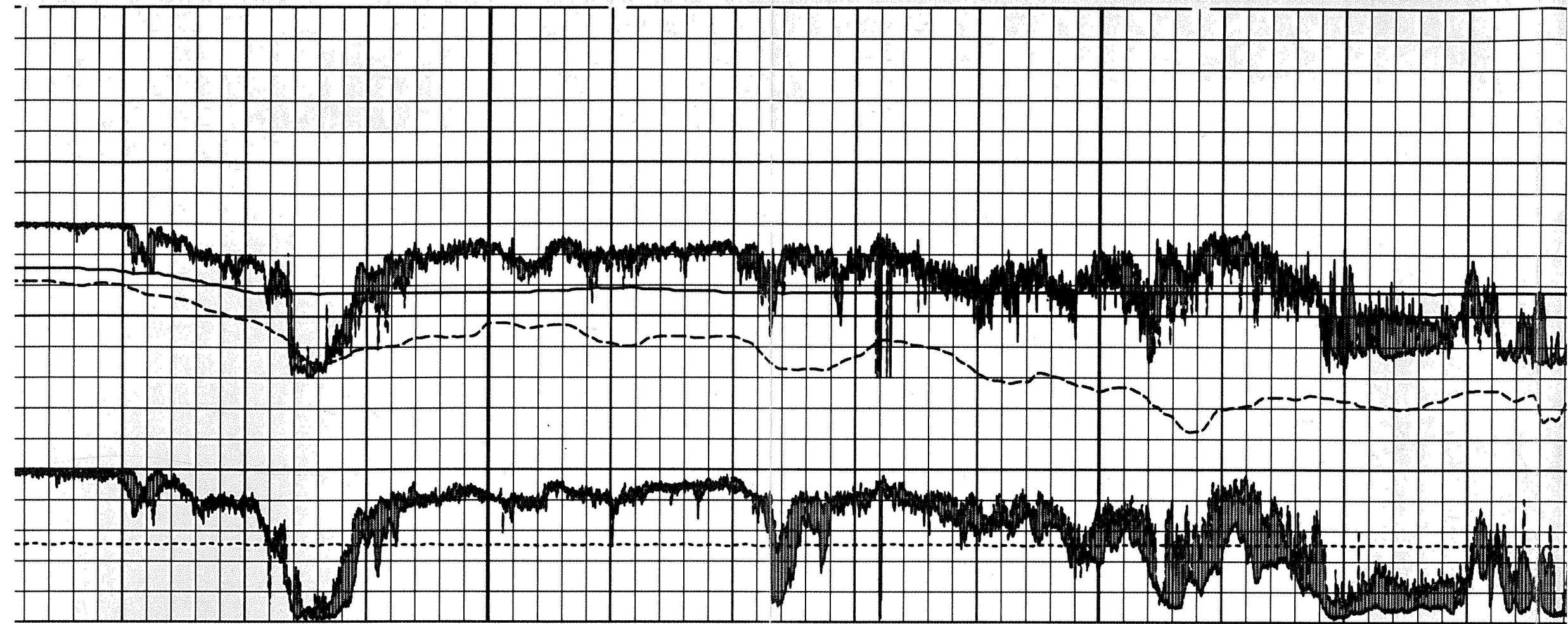


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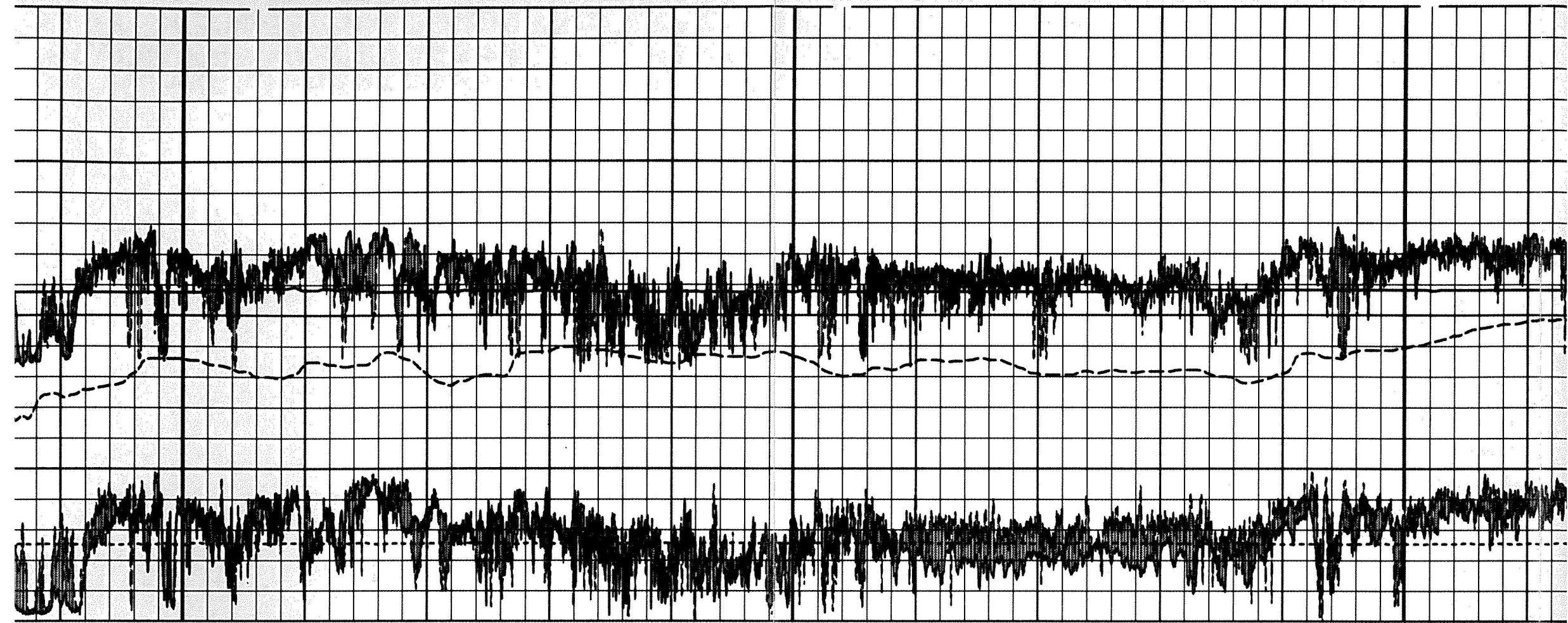




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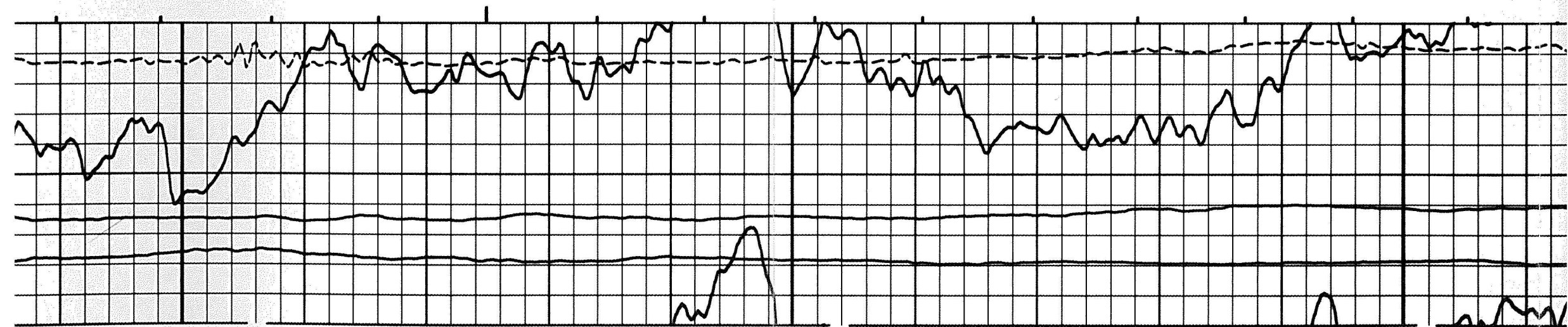


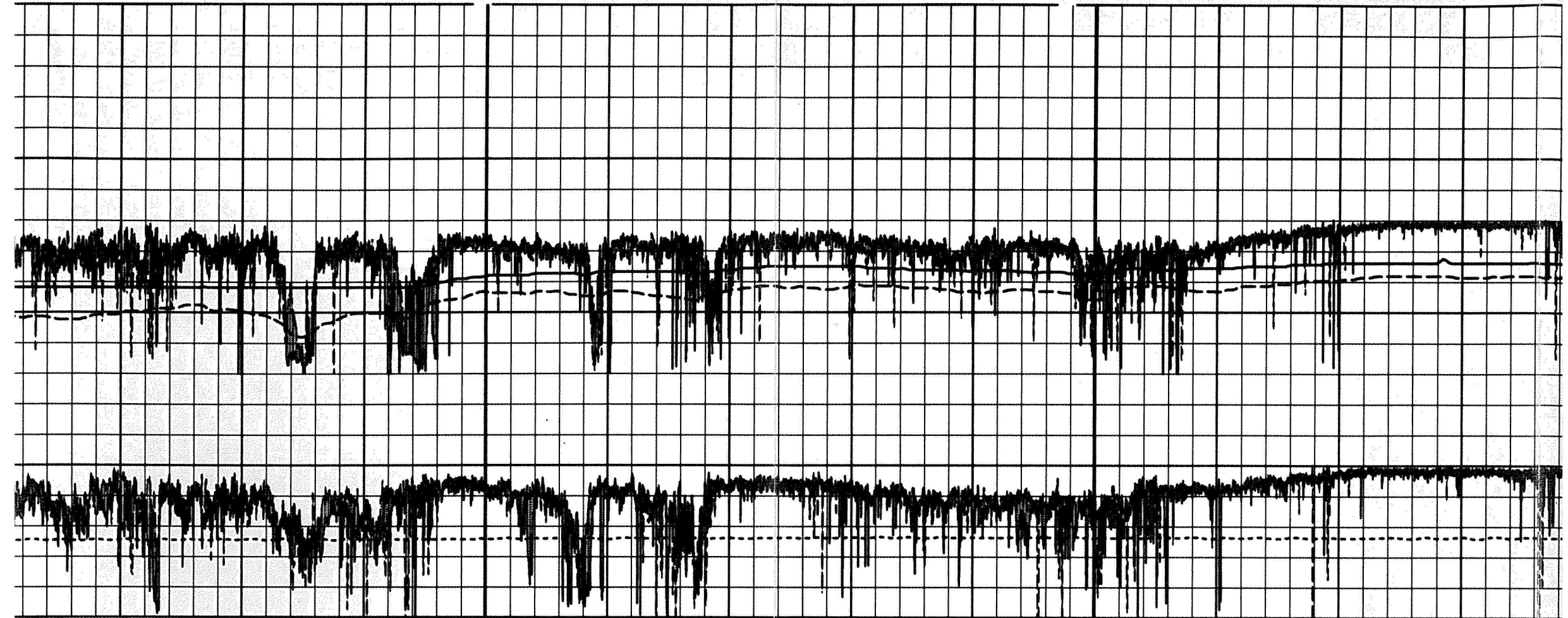


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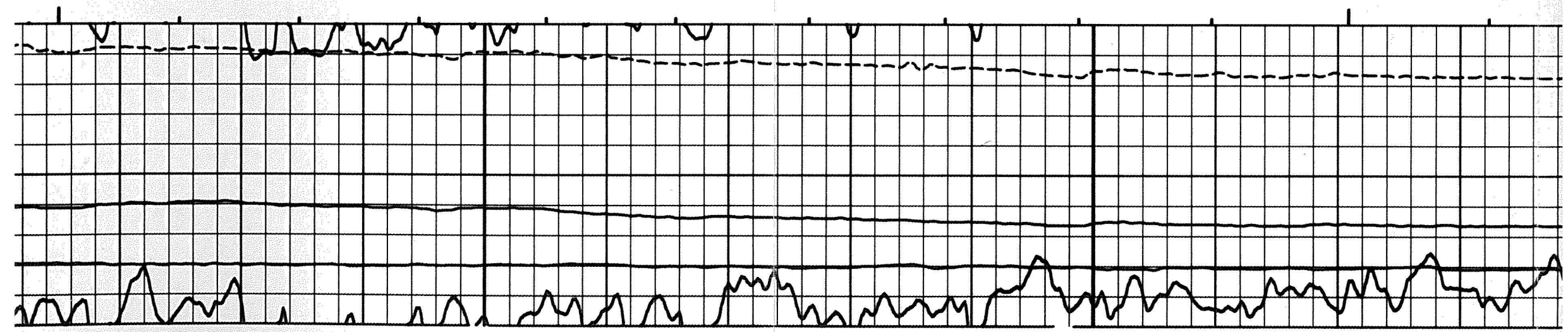
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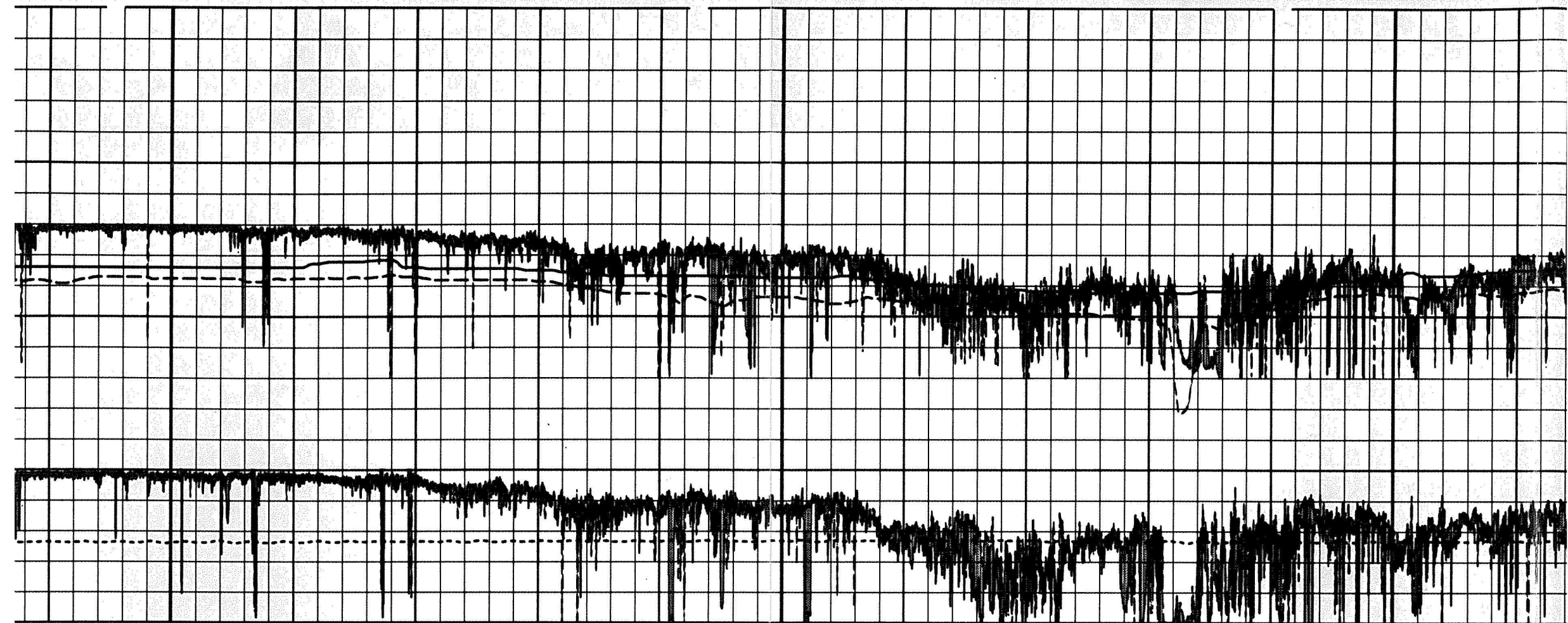


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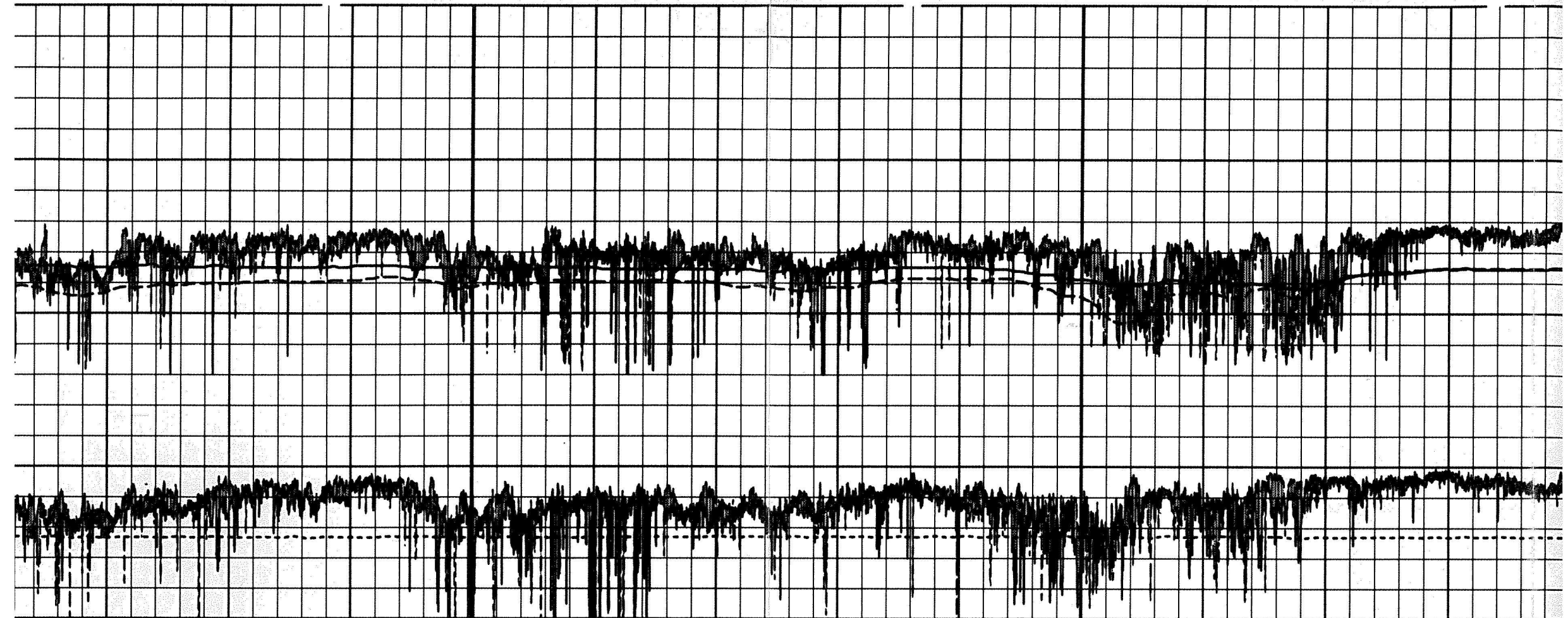


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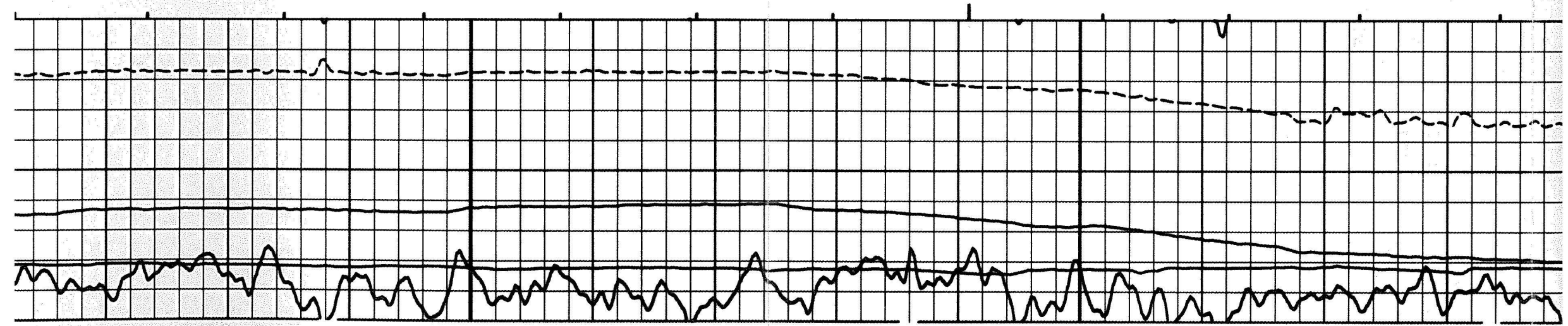
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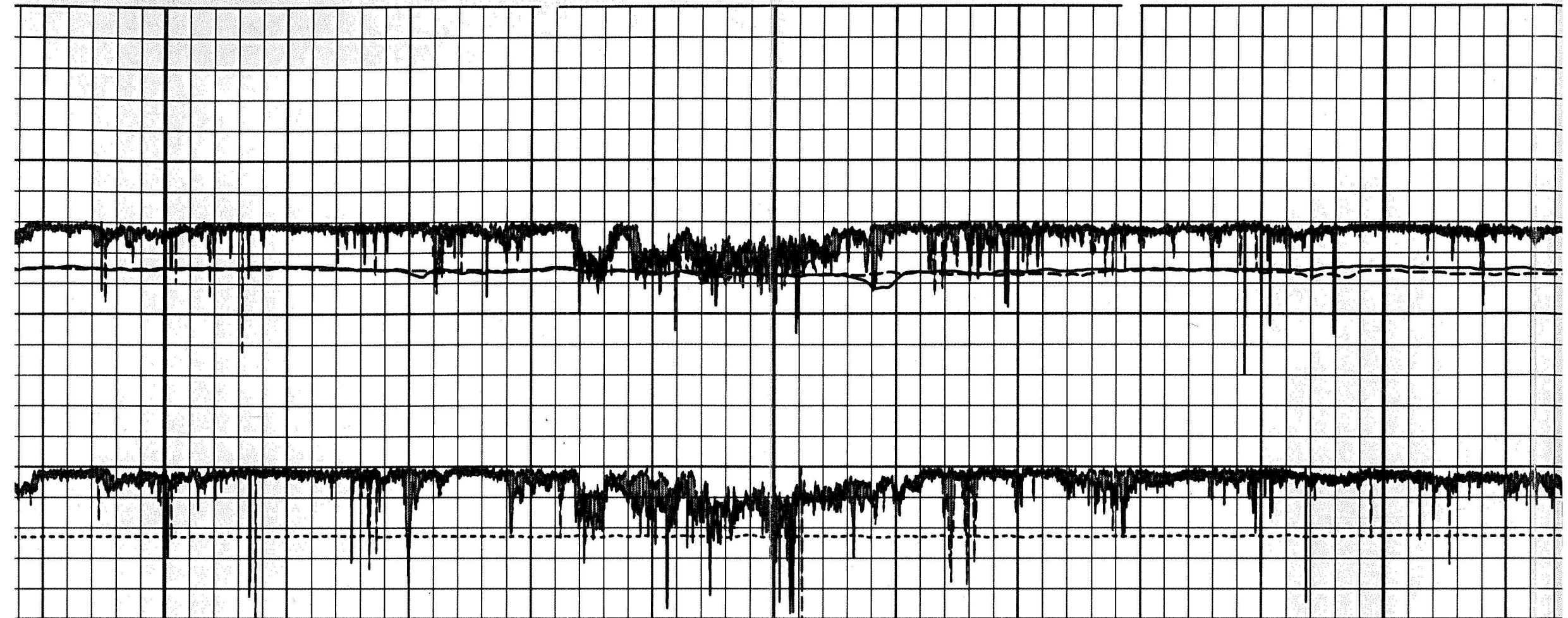




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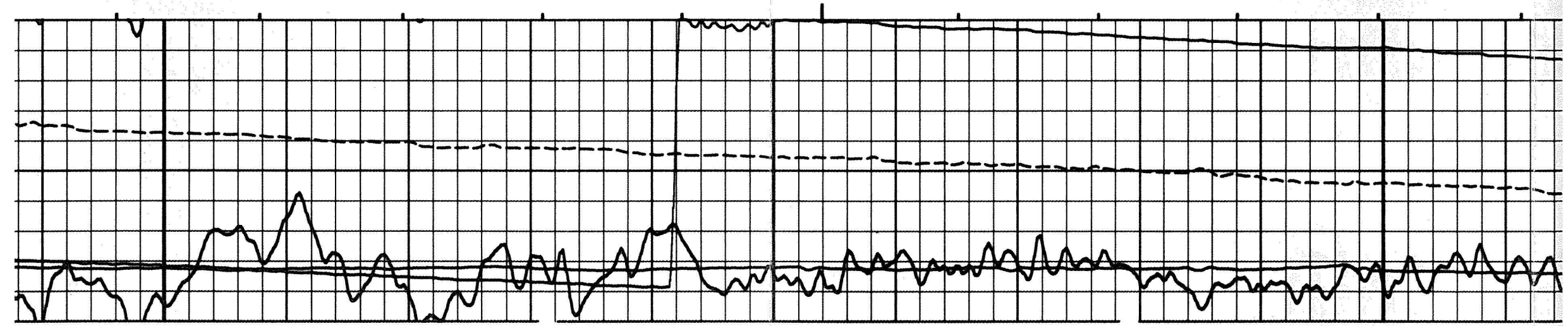


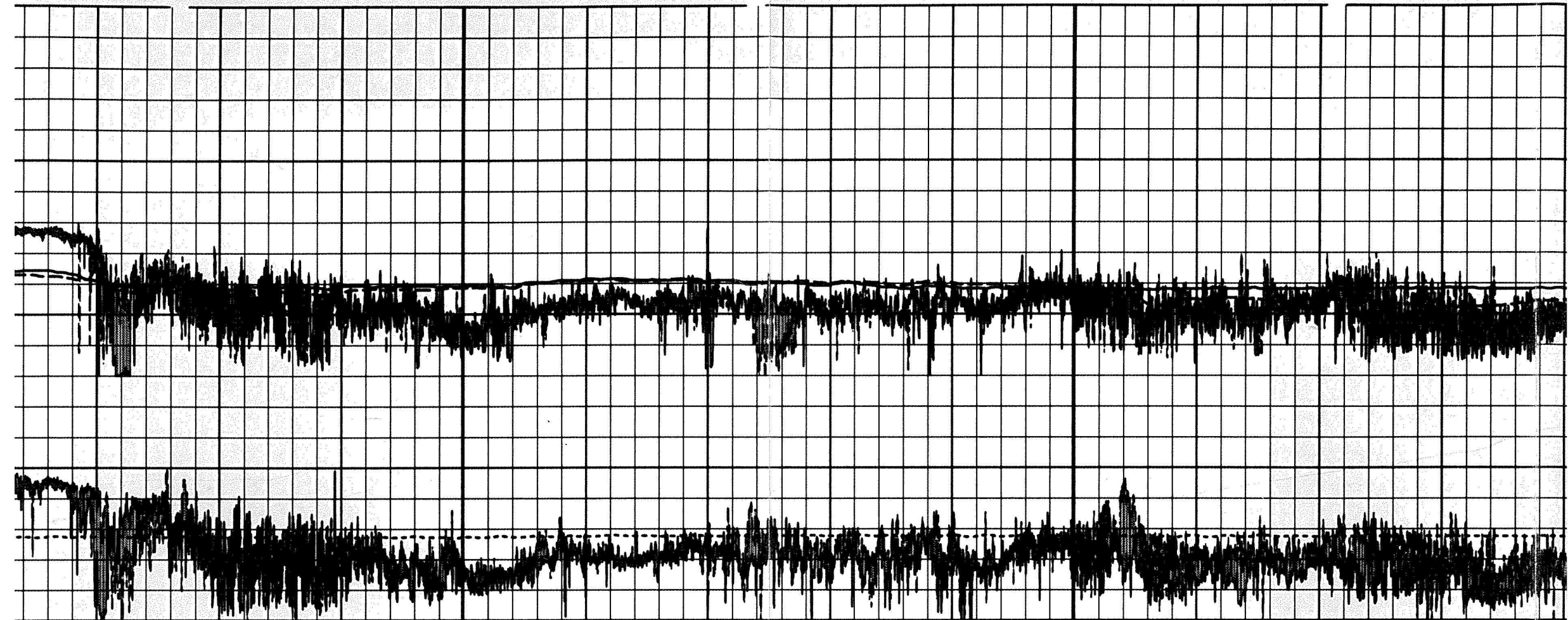


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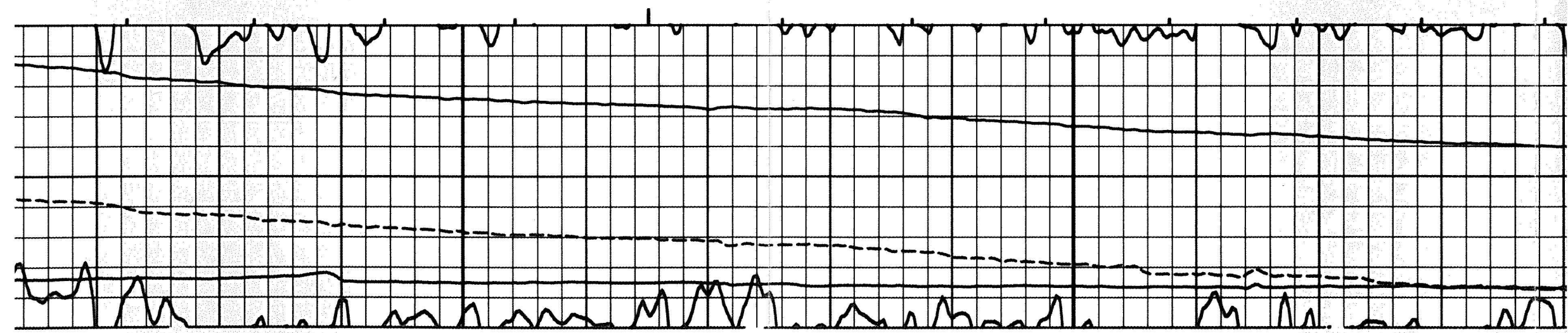
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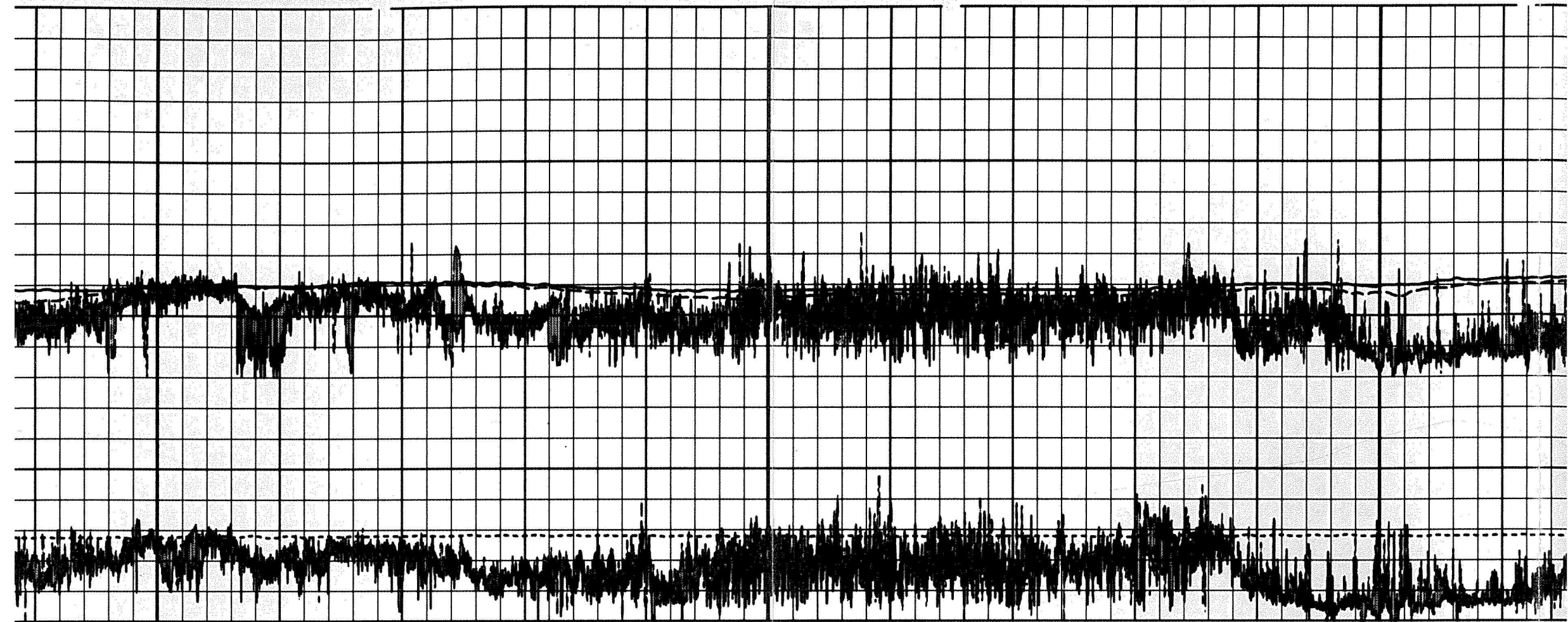




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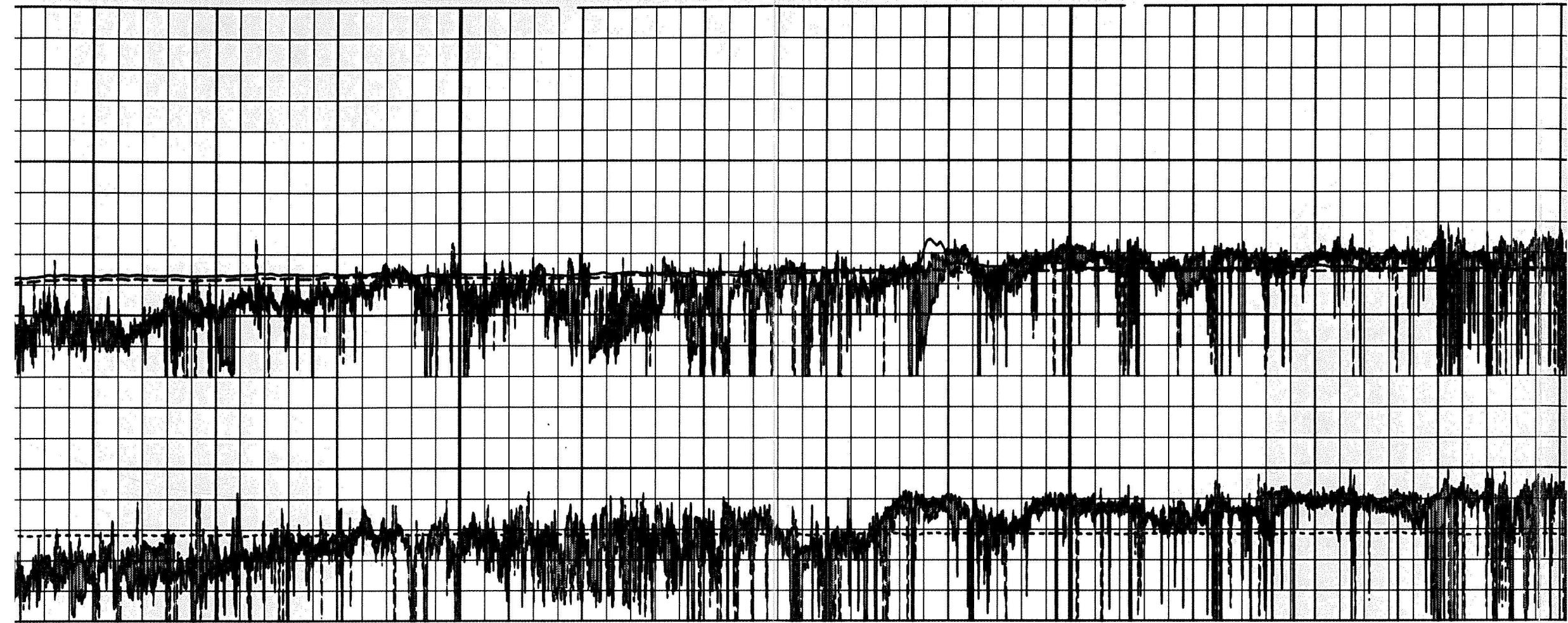


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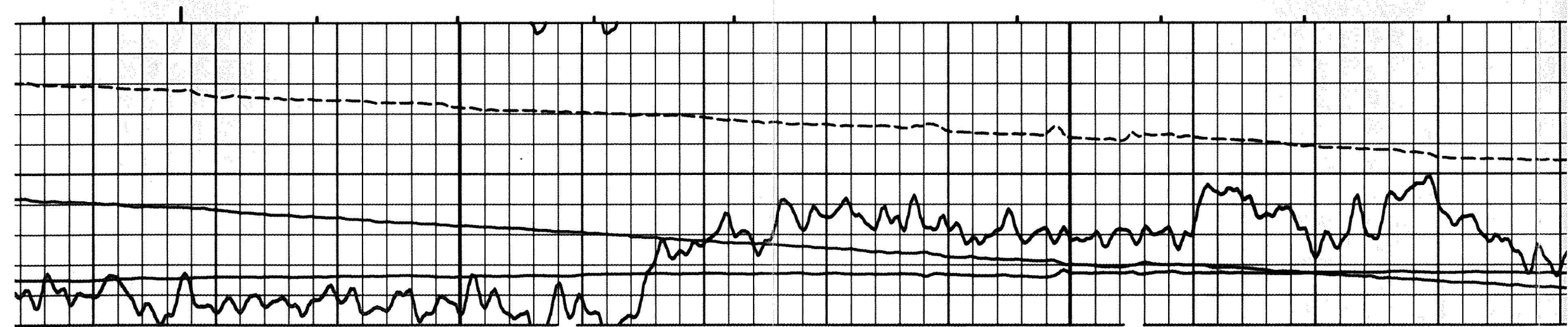
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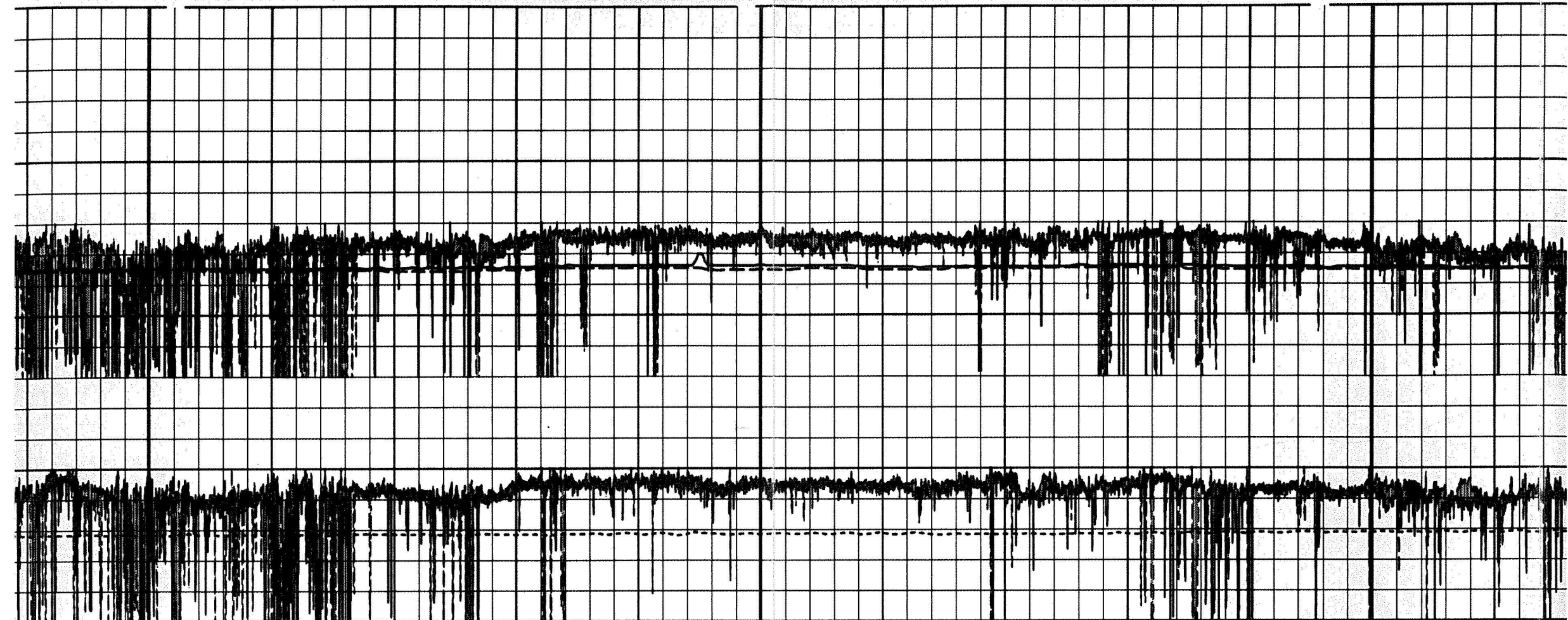




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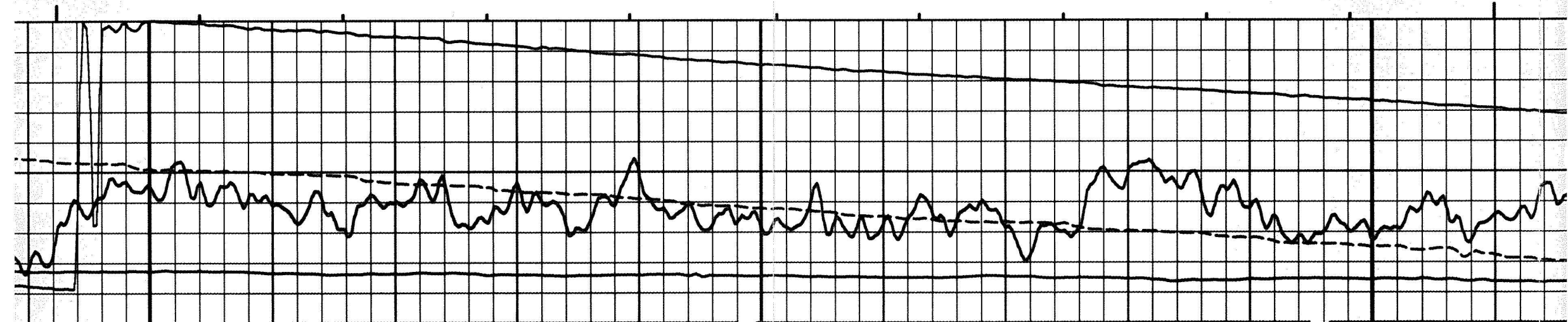


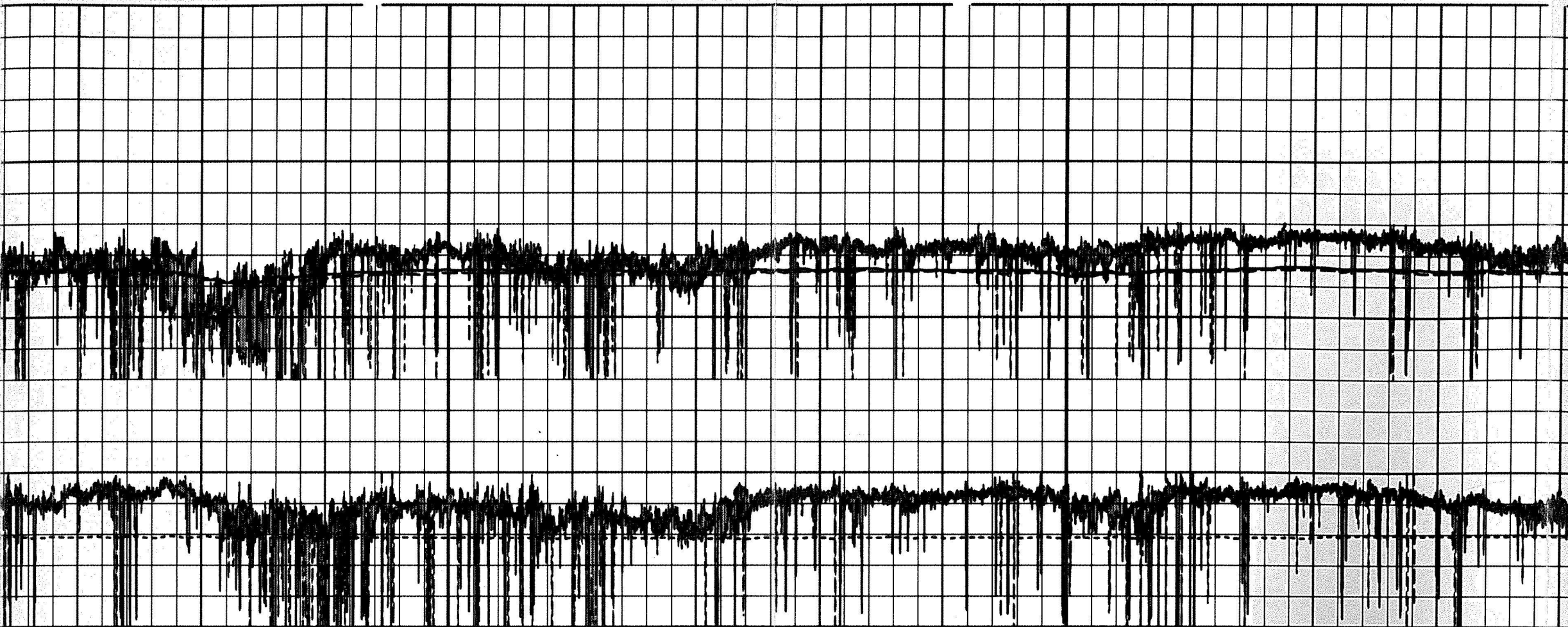


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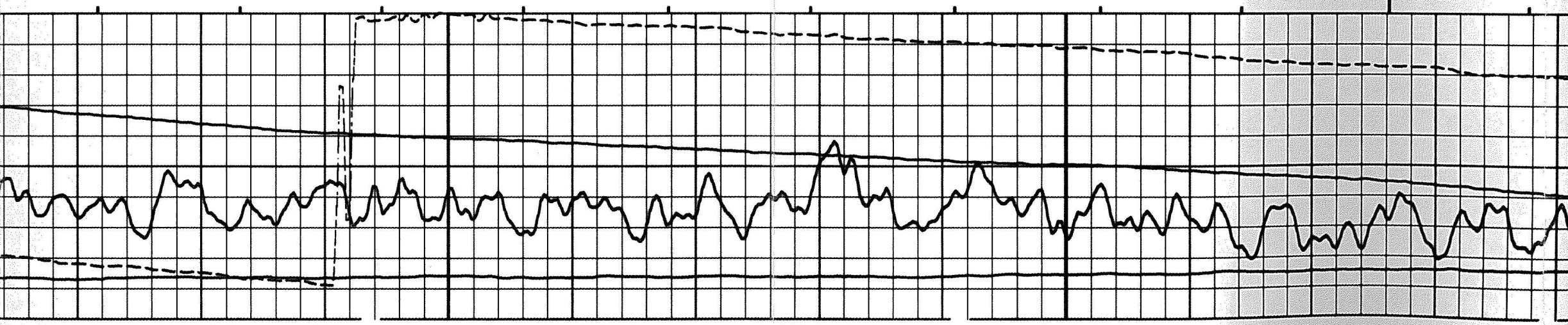
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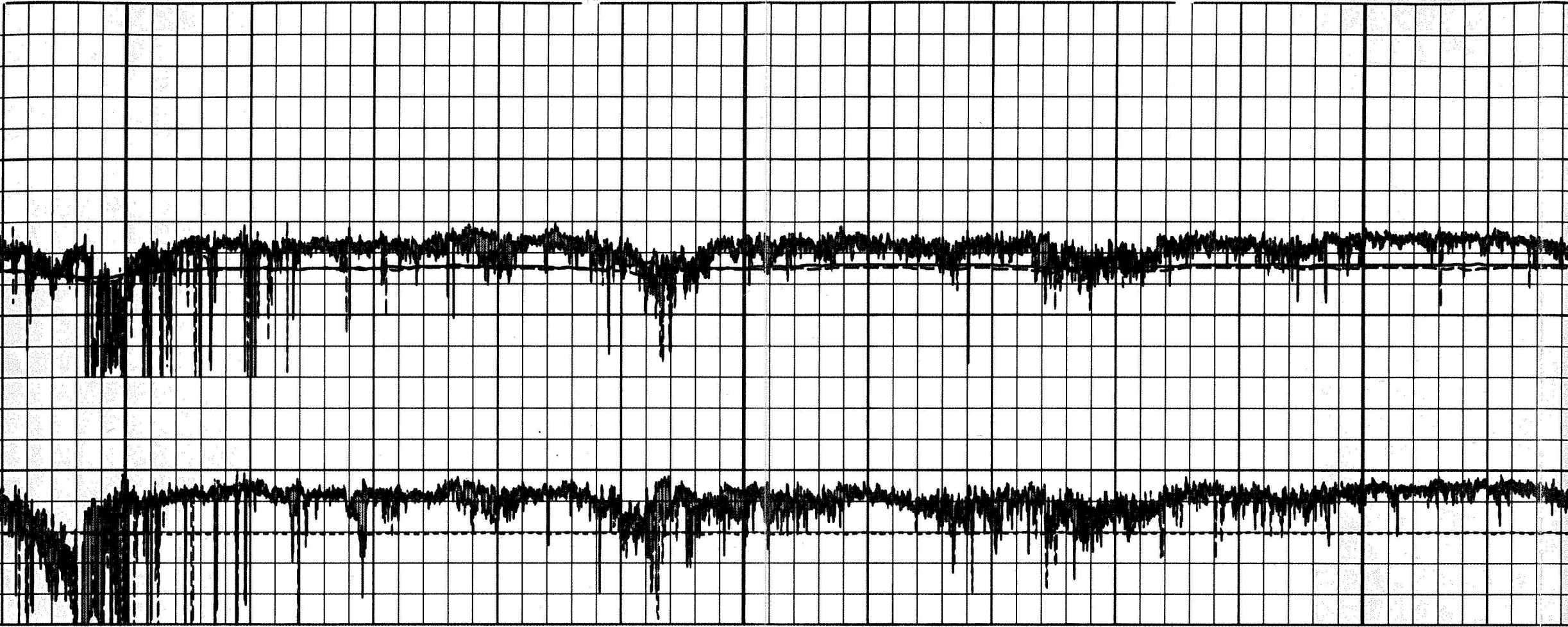


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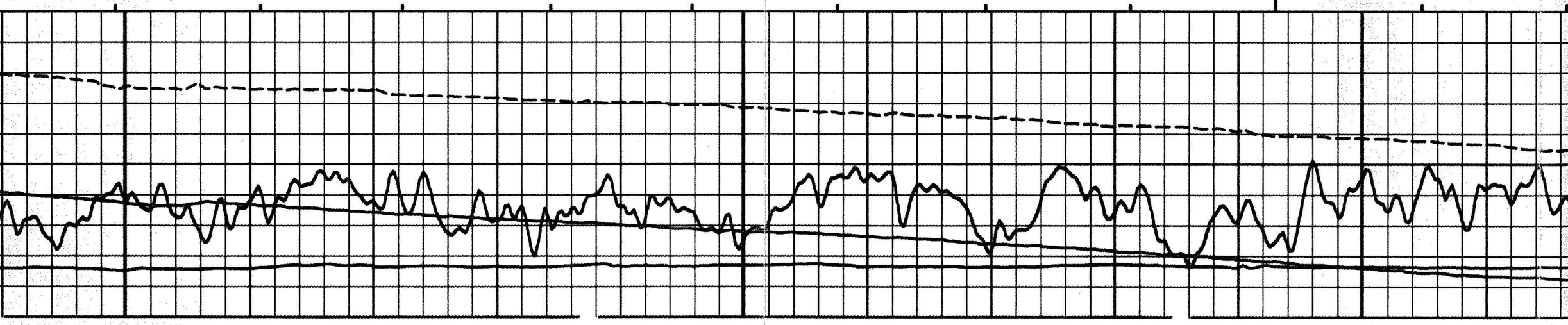


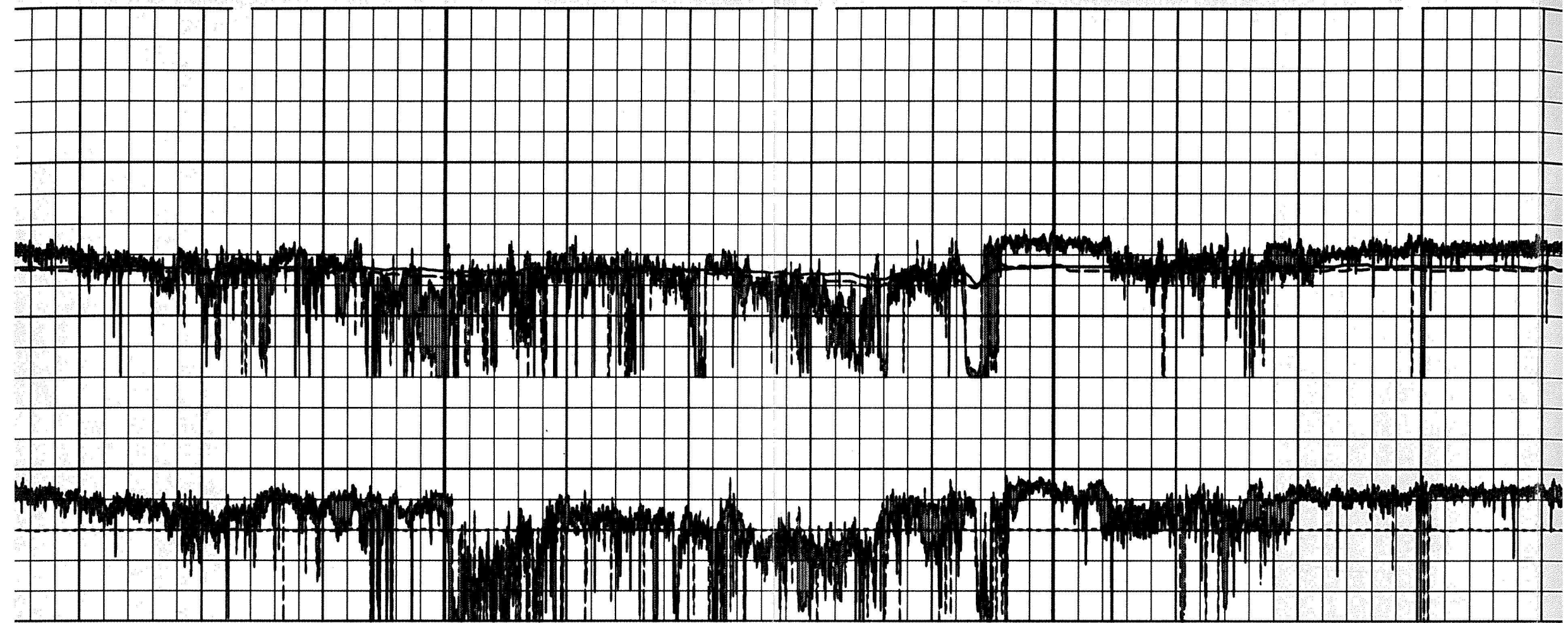


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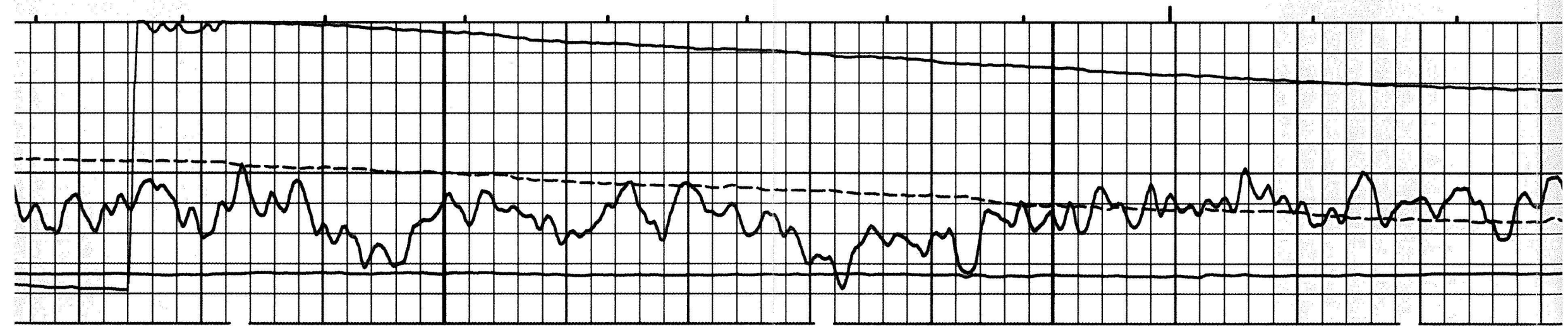
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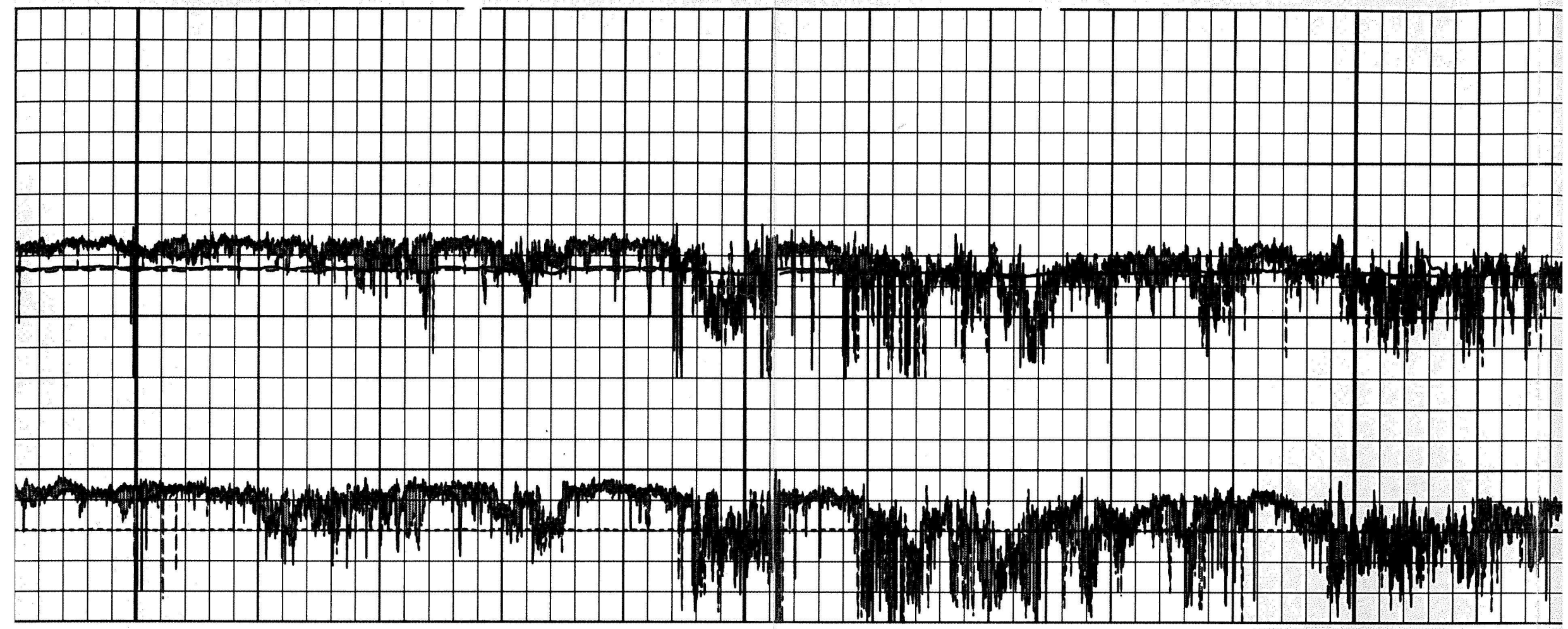




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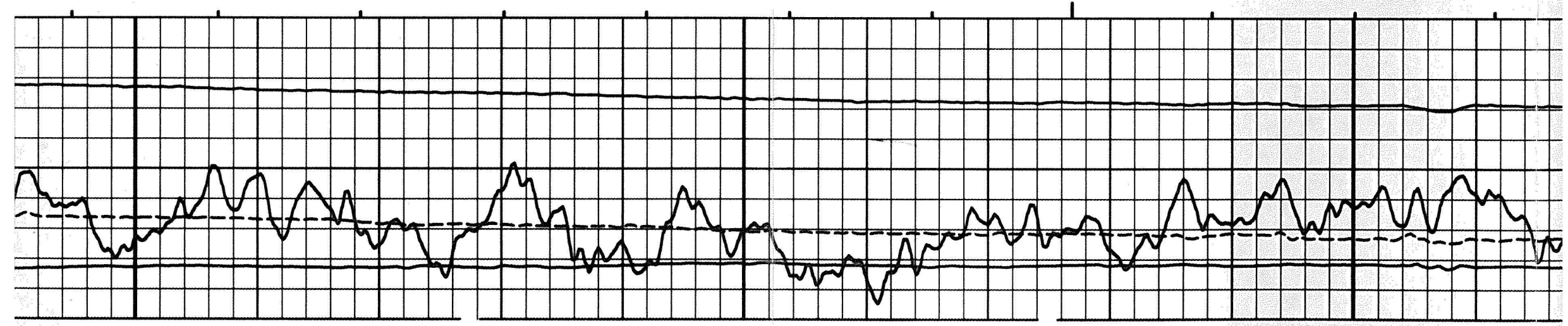


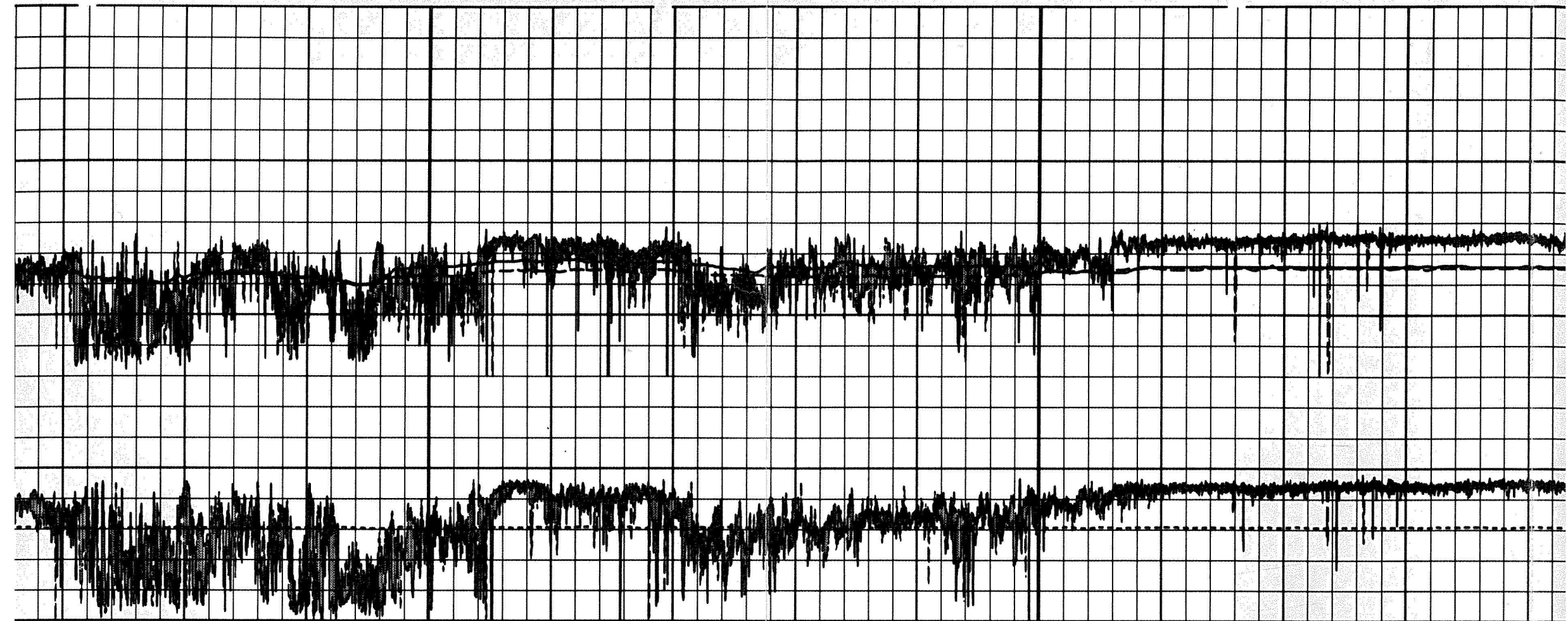


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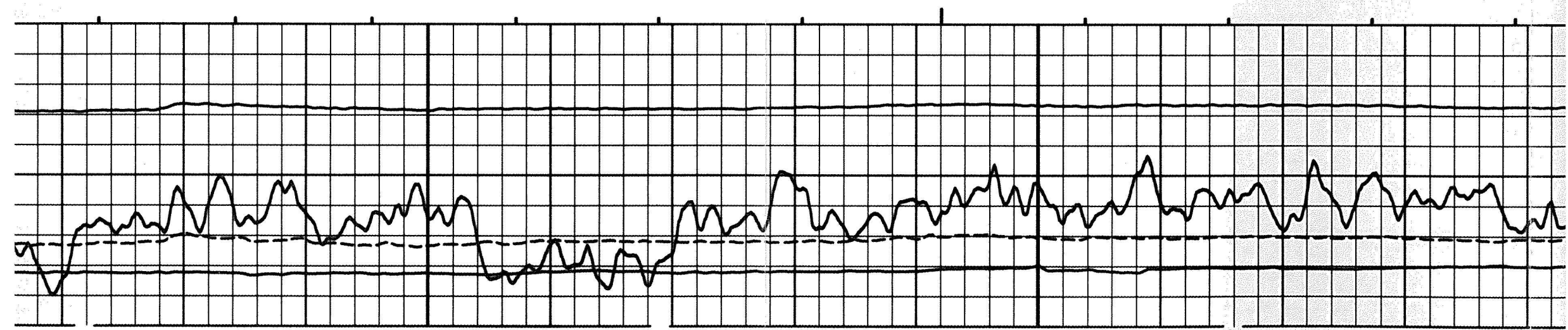
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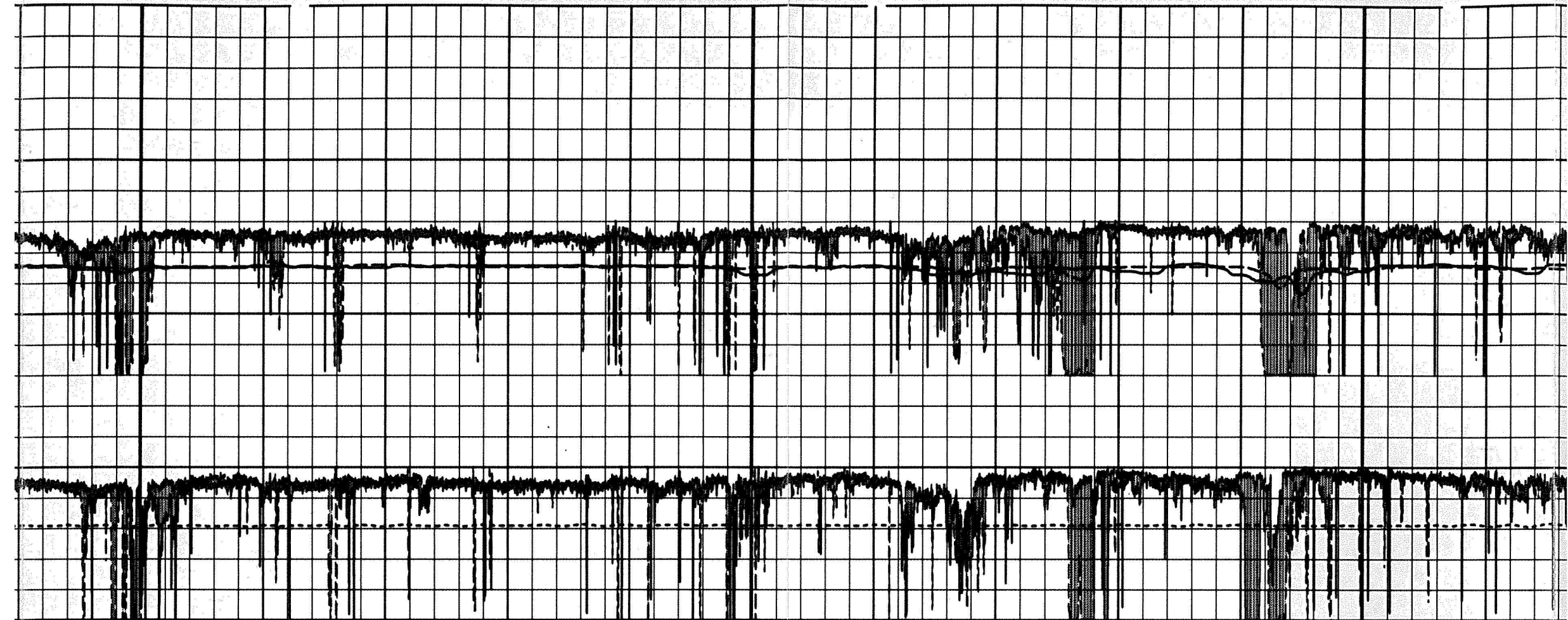




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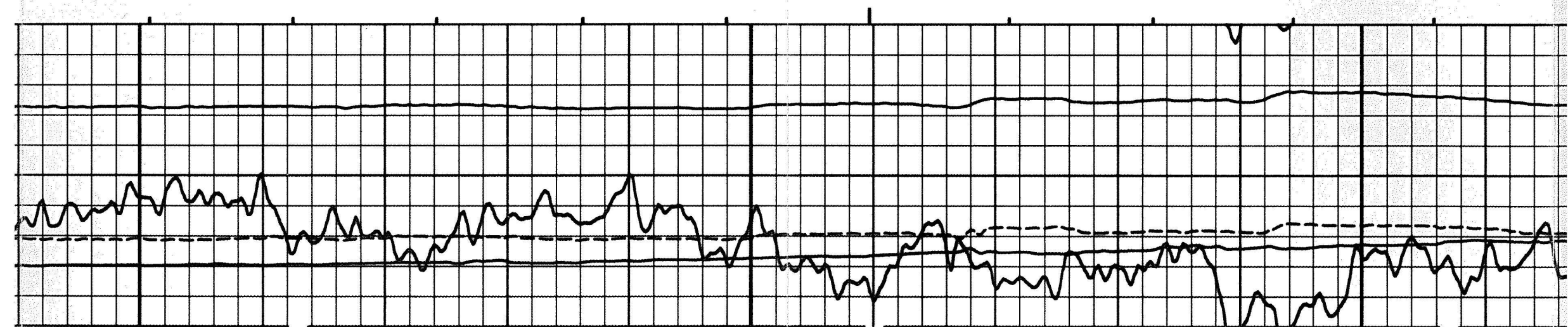


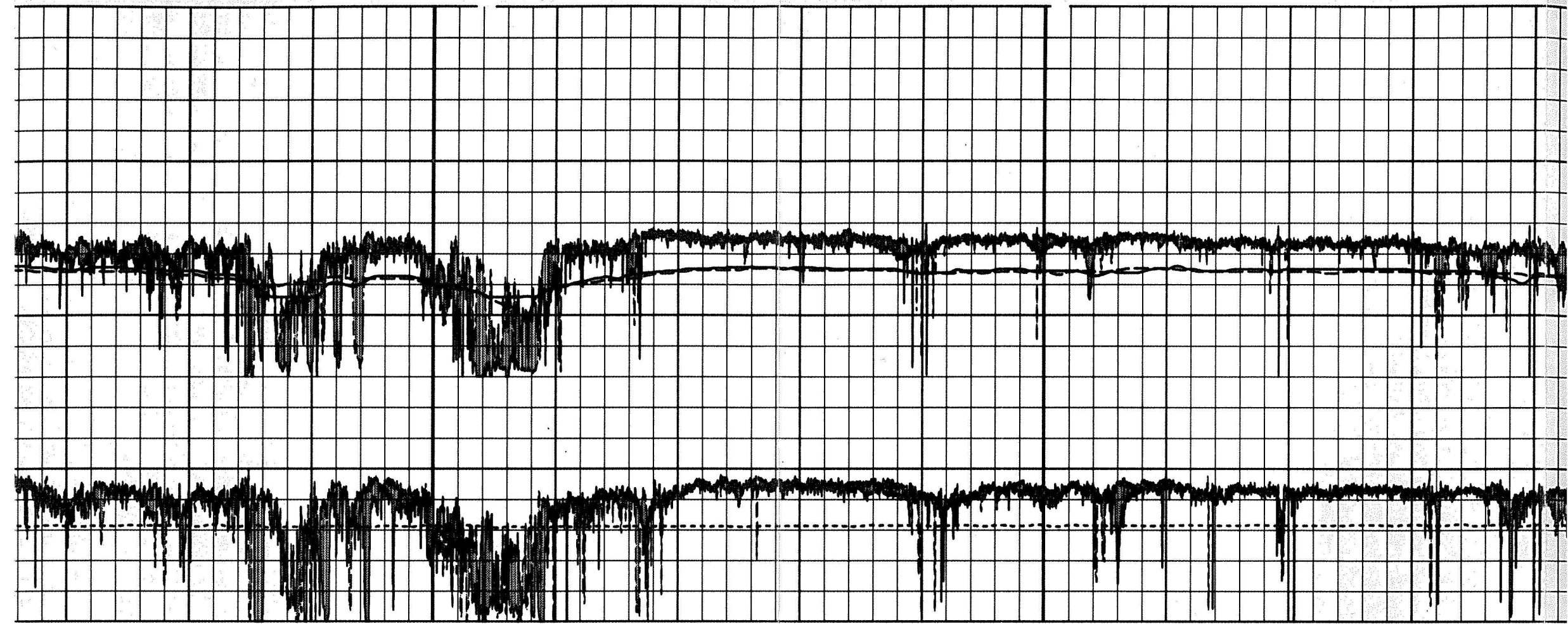


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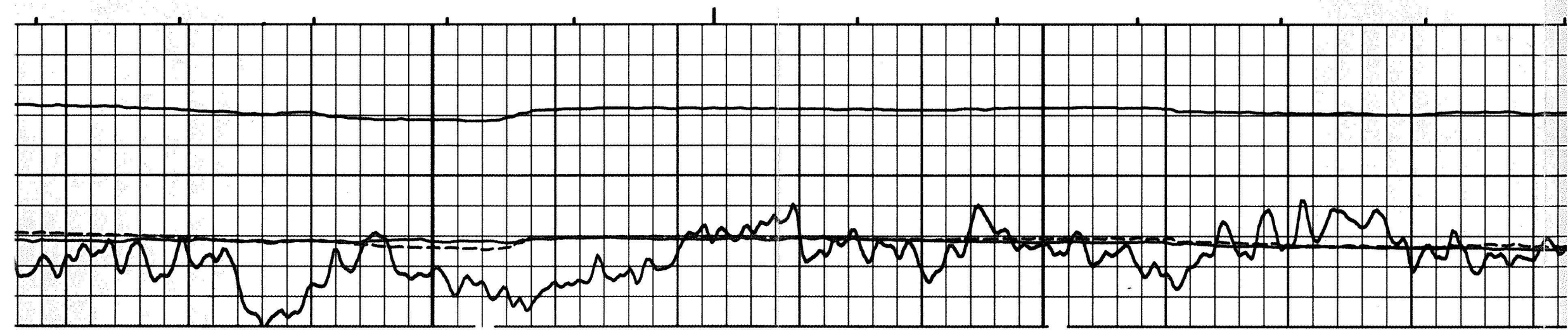
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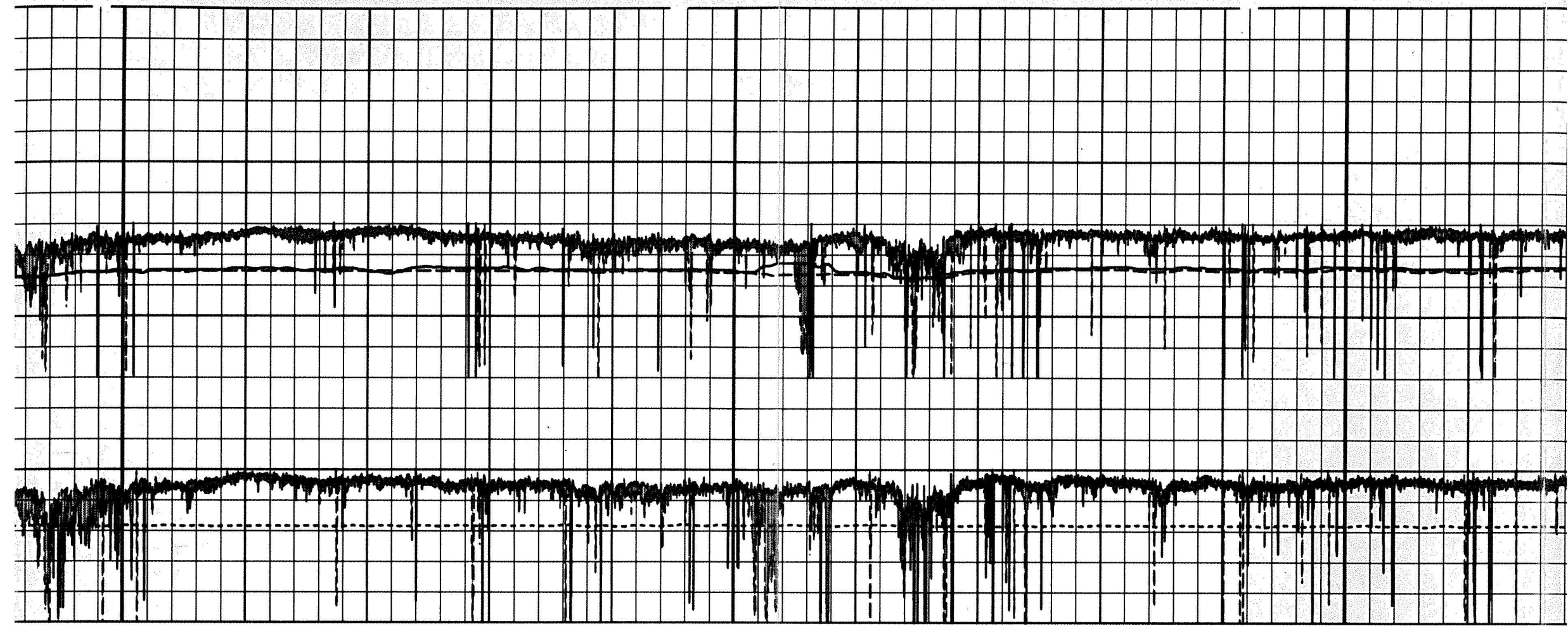




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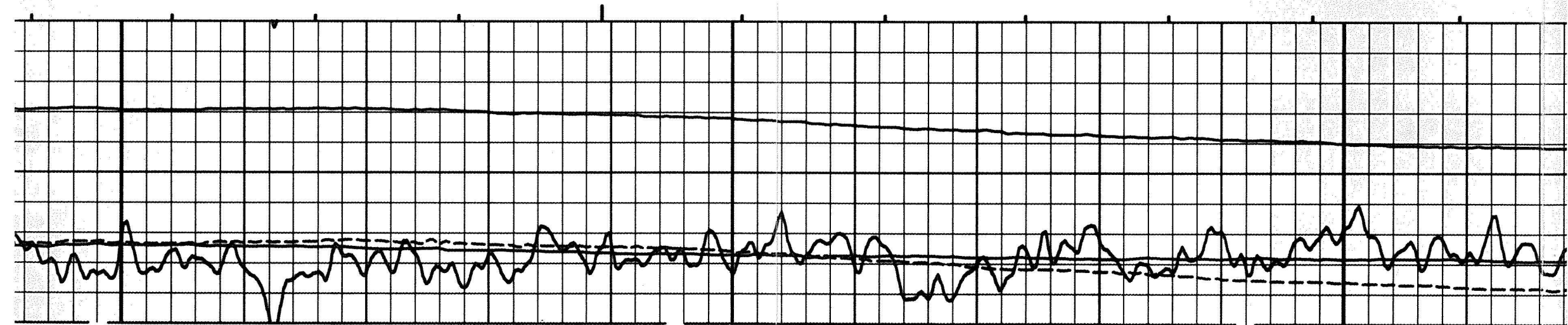


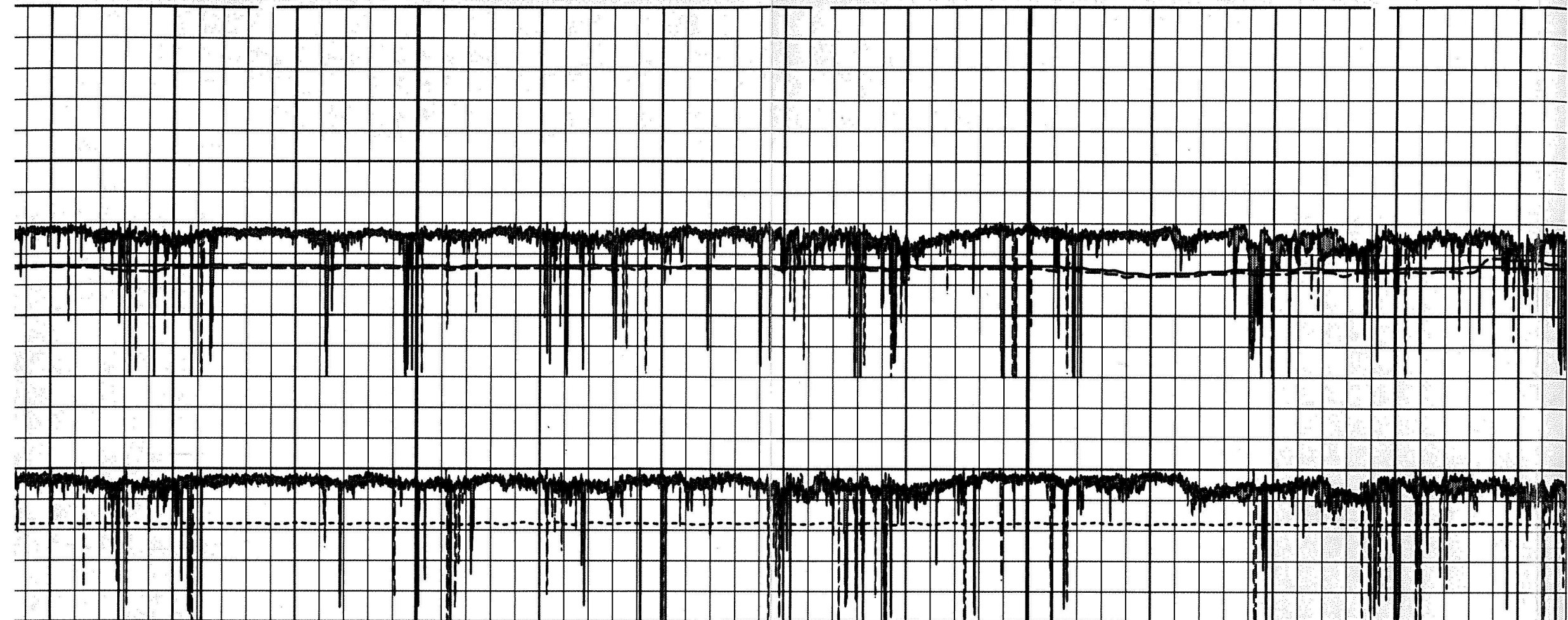


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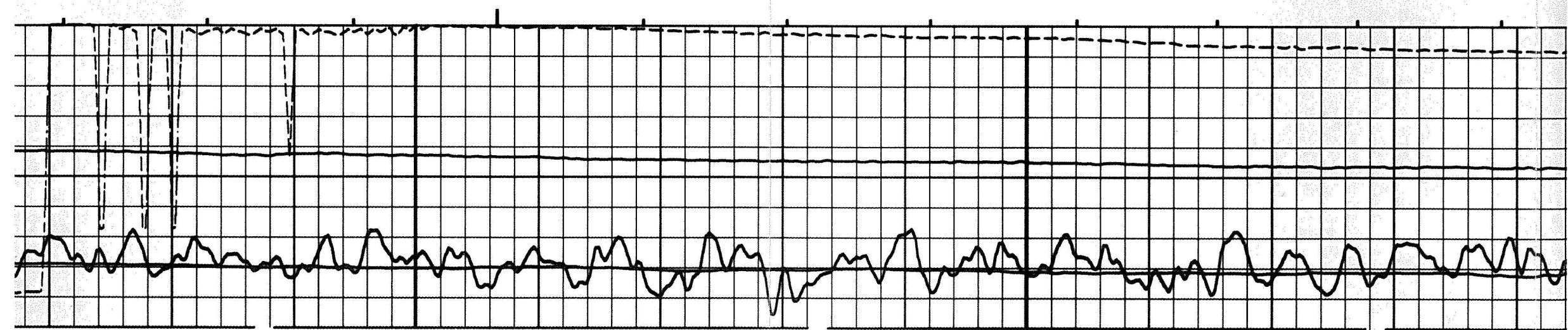
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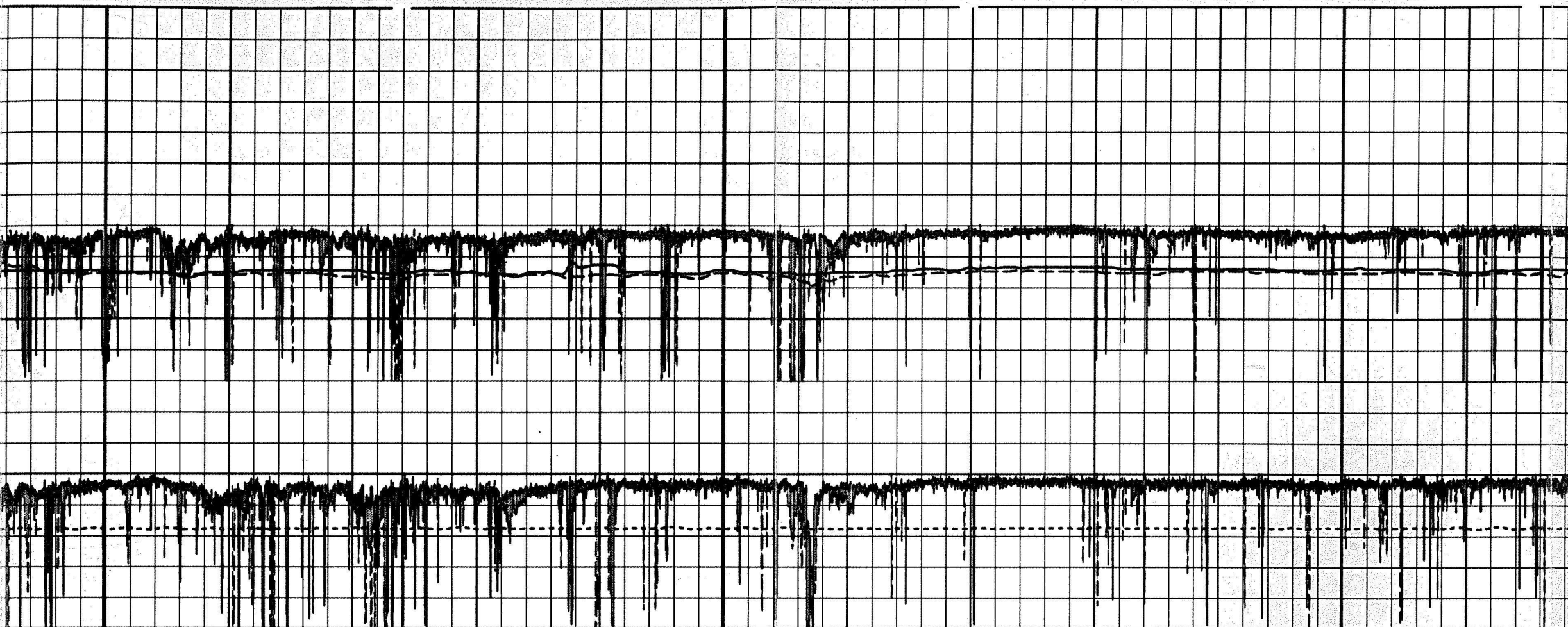


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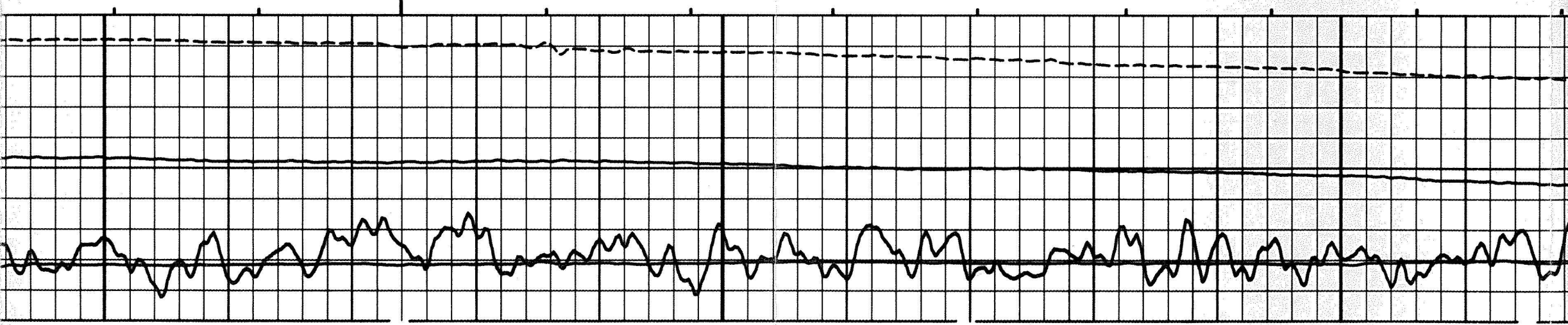




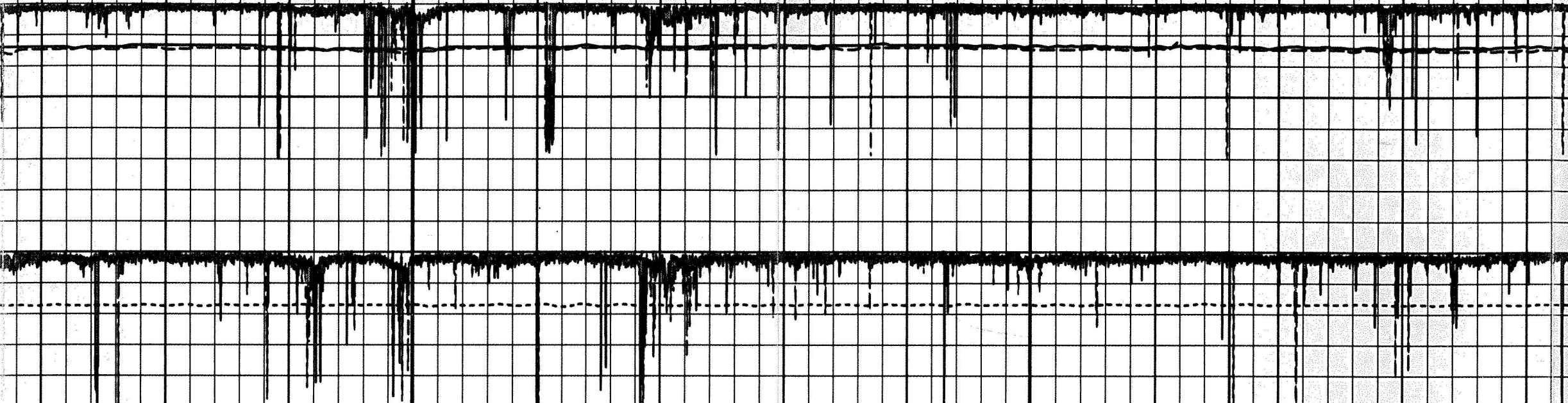
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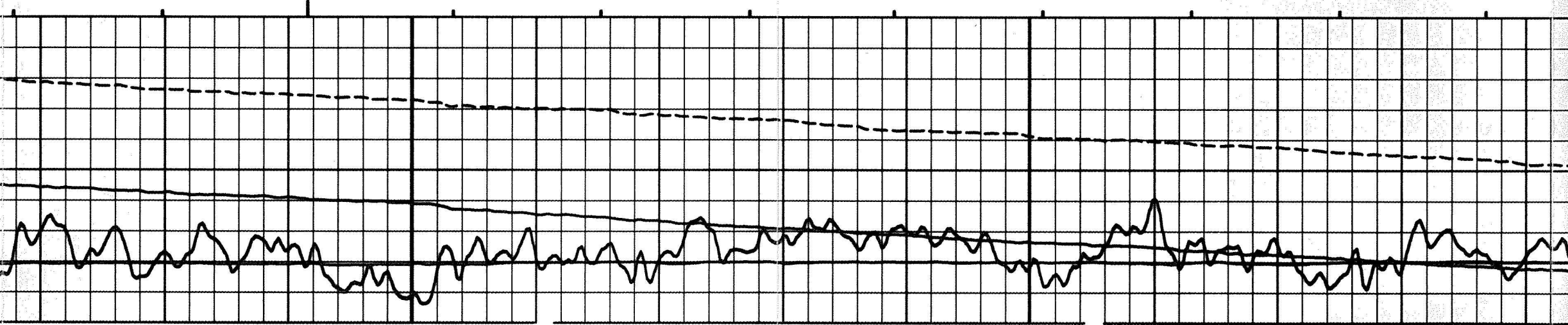


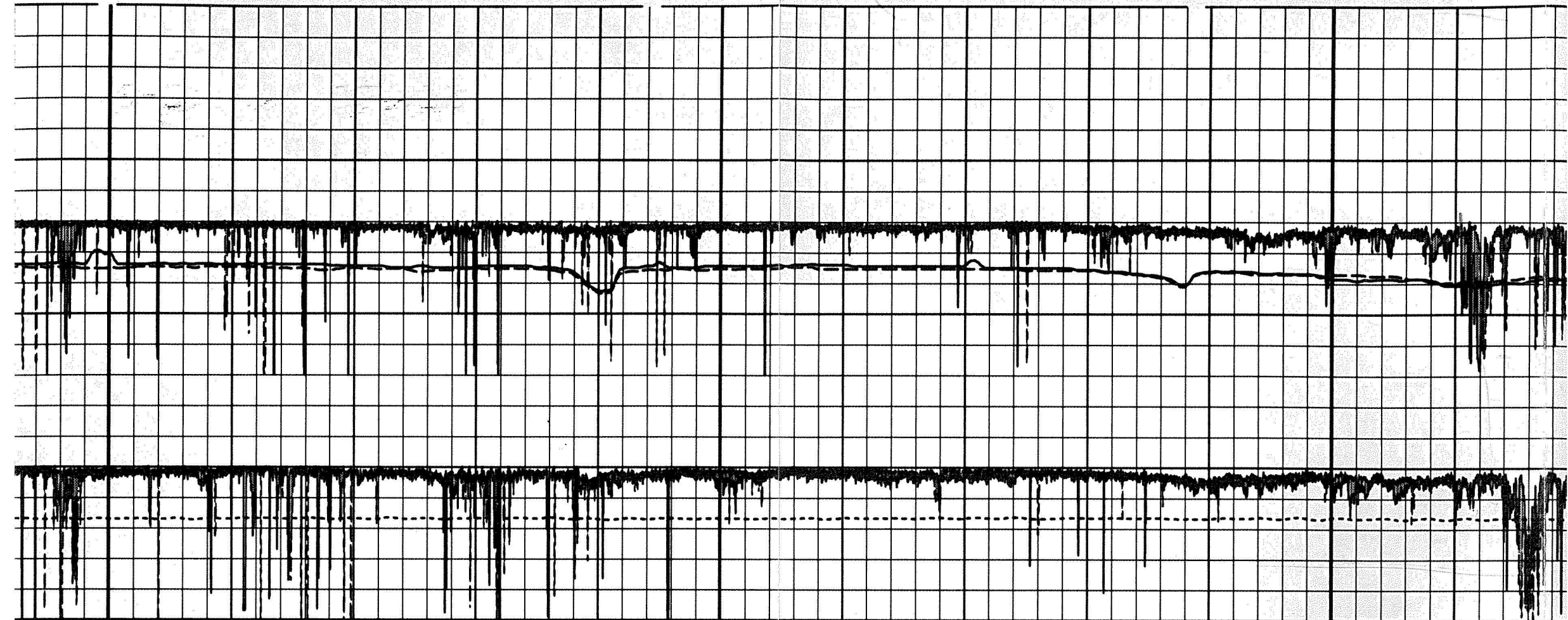
6-01-79 071034



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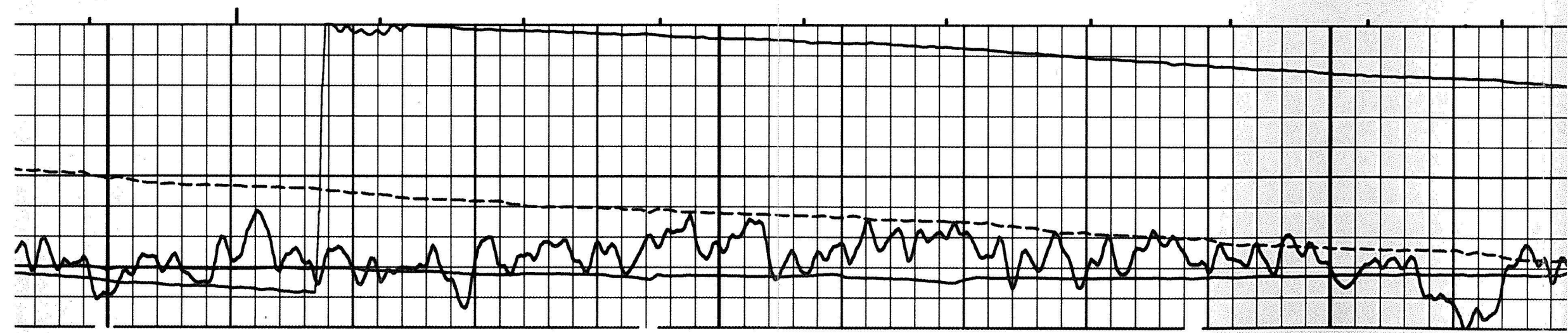


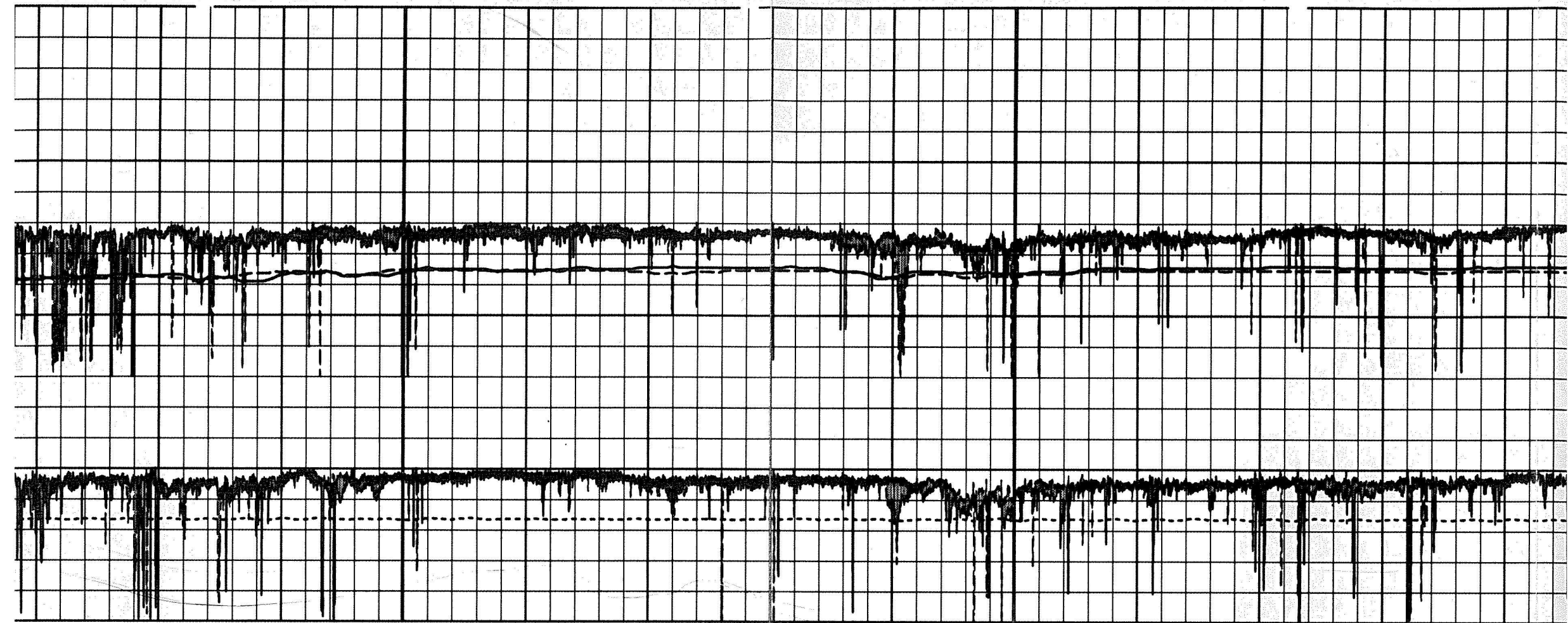


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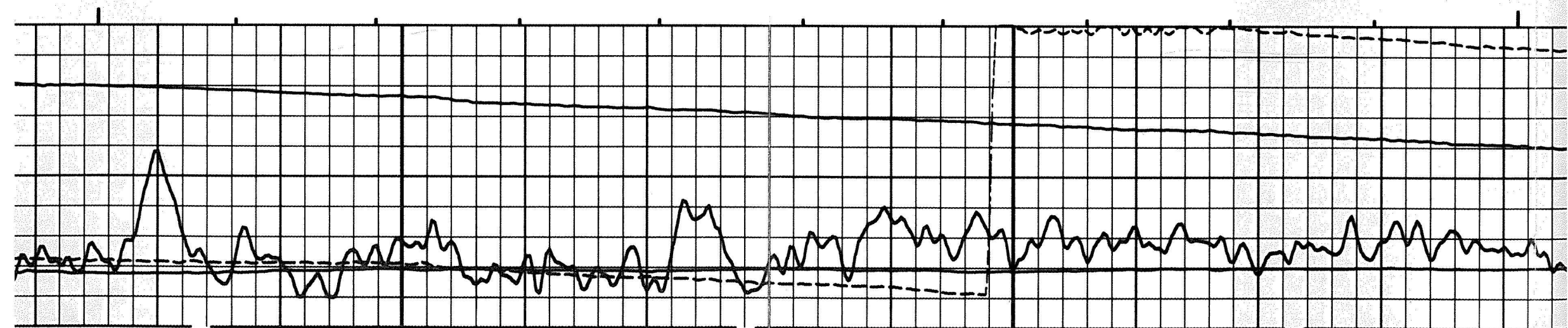
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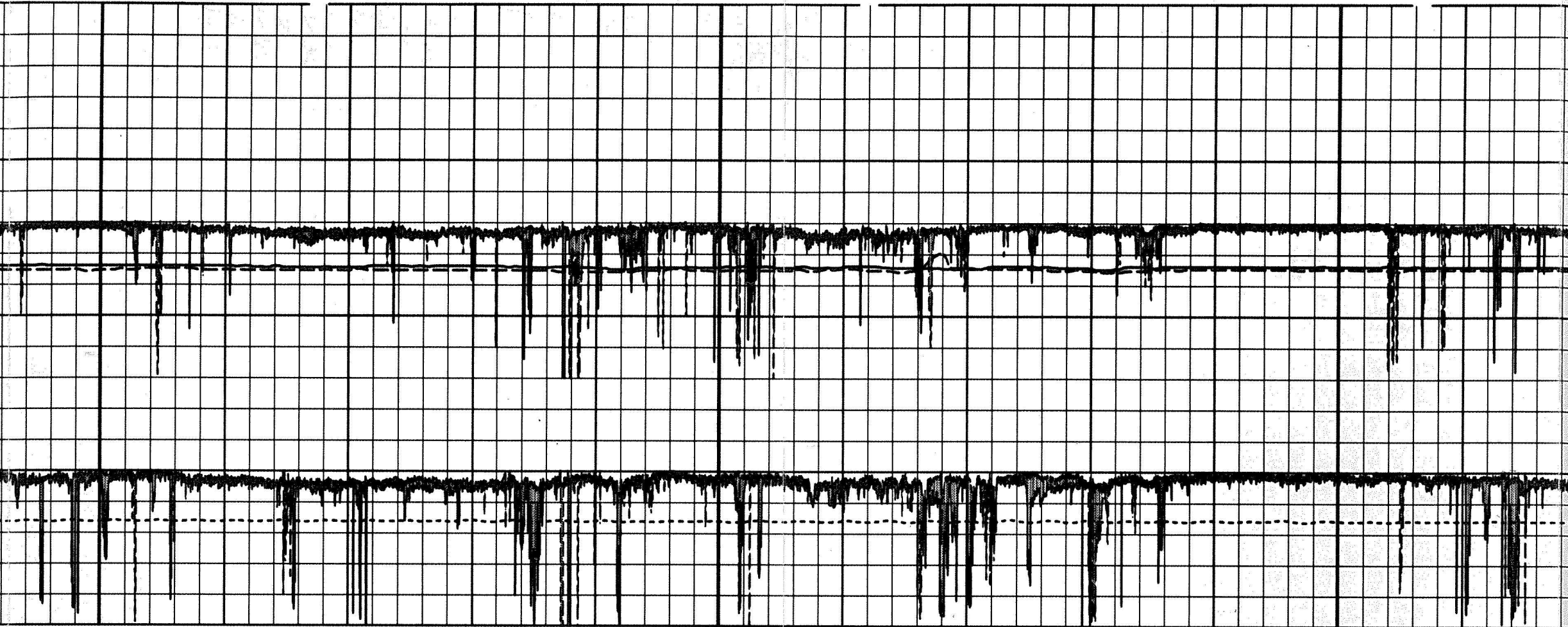




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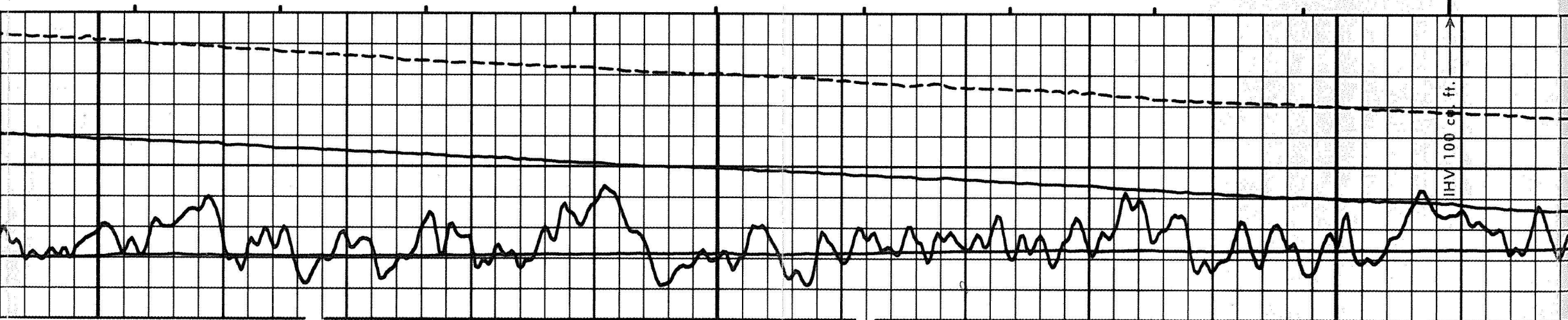




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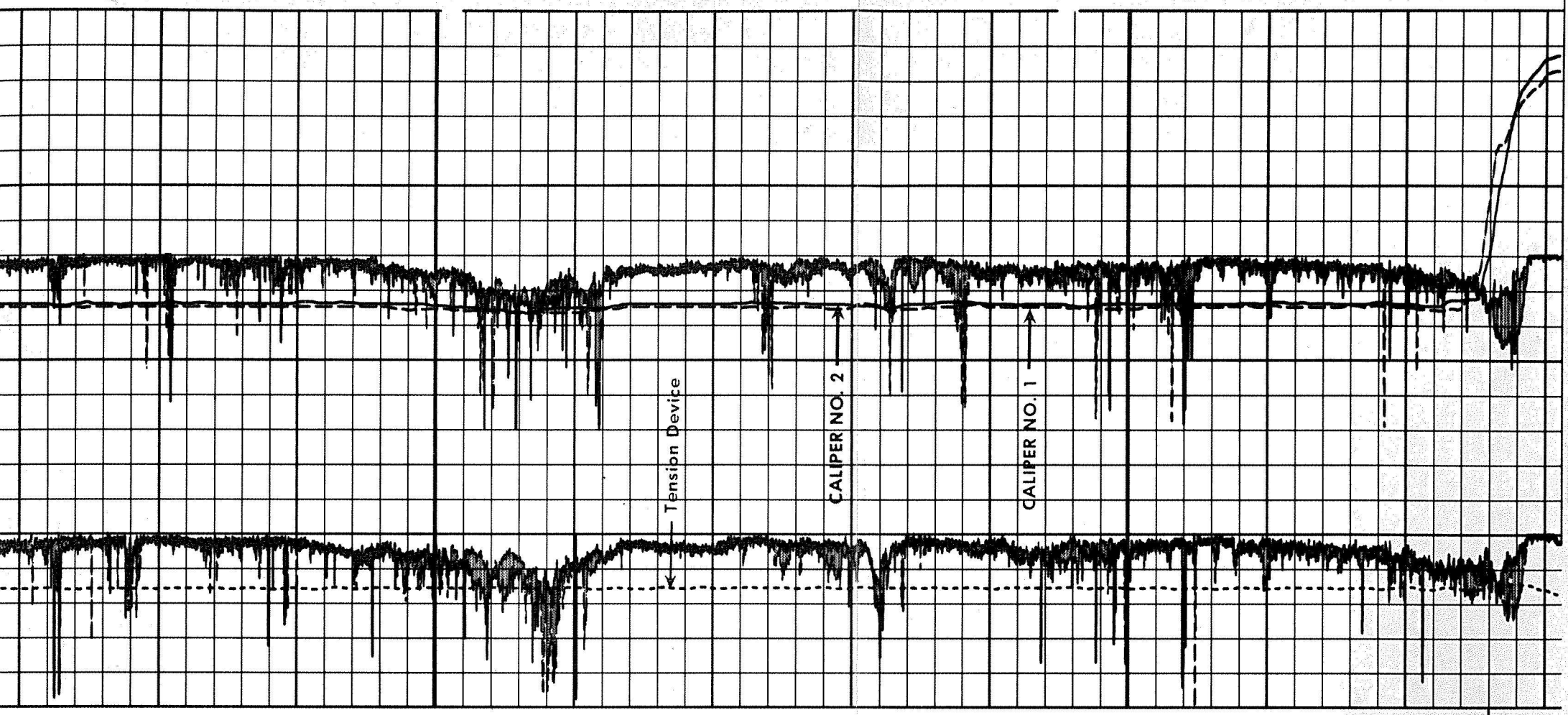


IHV 100 c. ft. ↑

6401-7

PASS No. 2

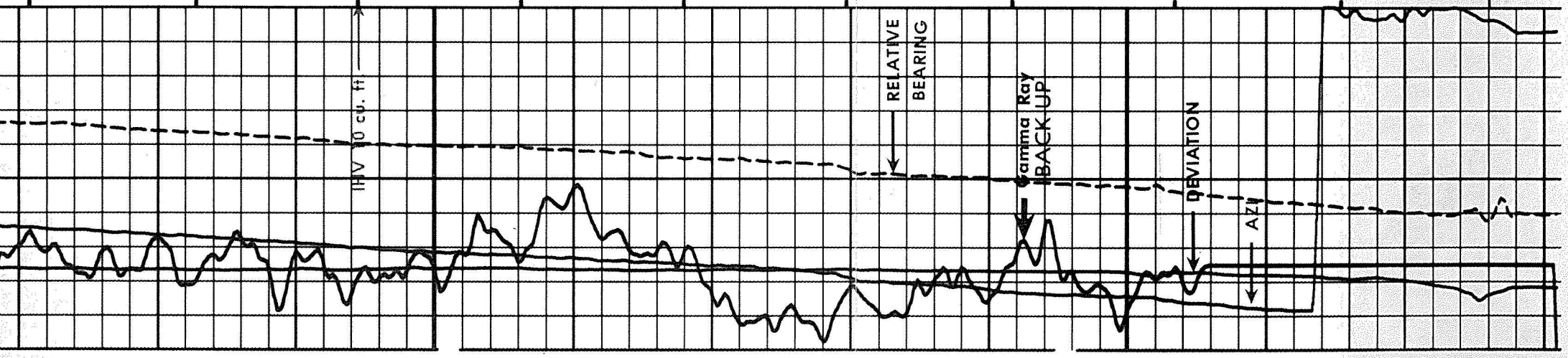
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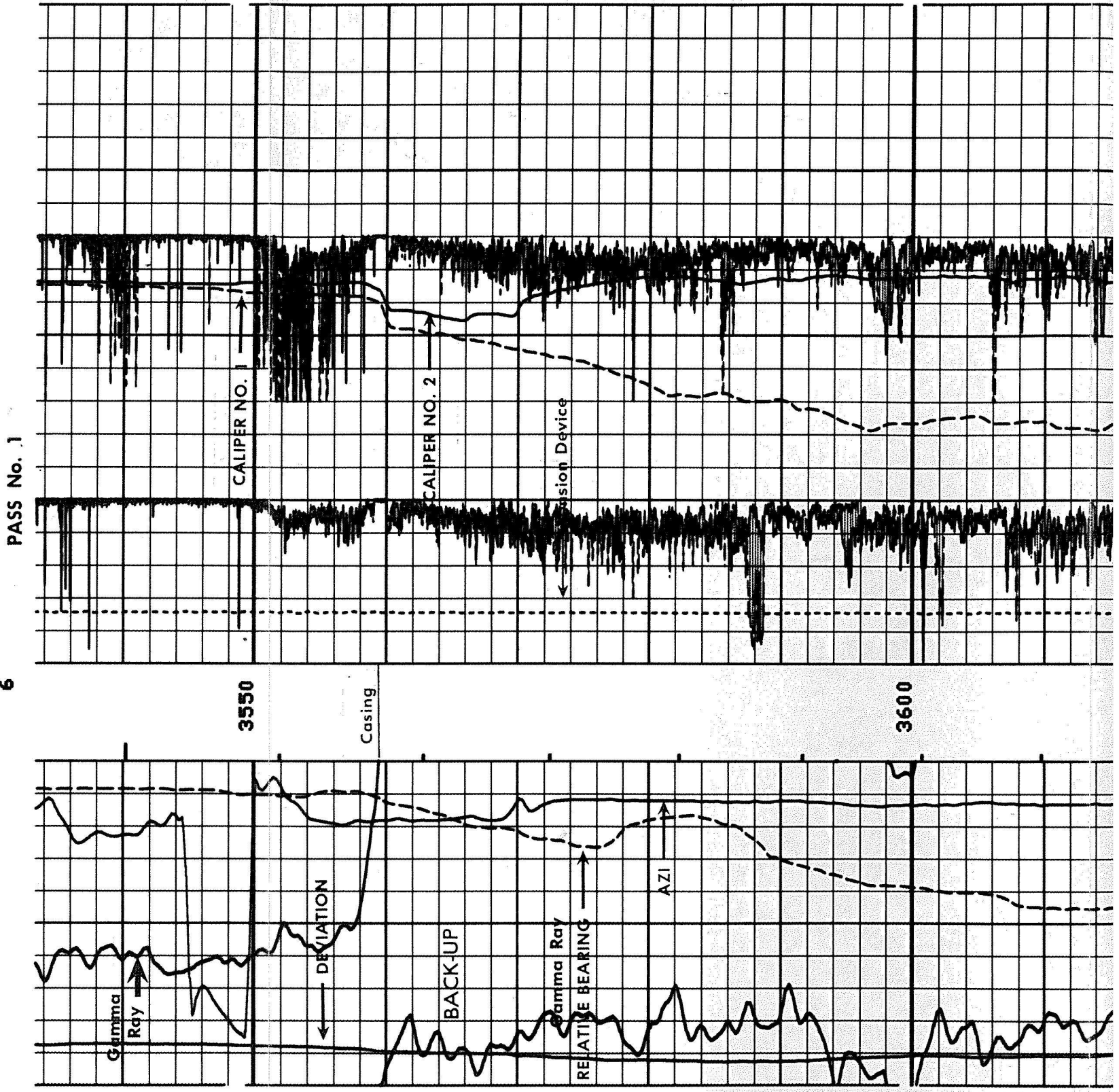


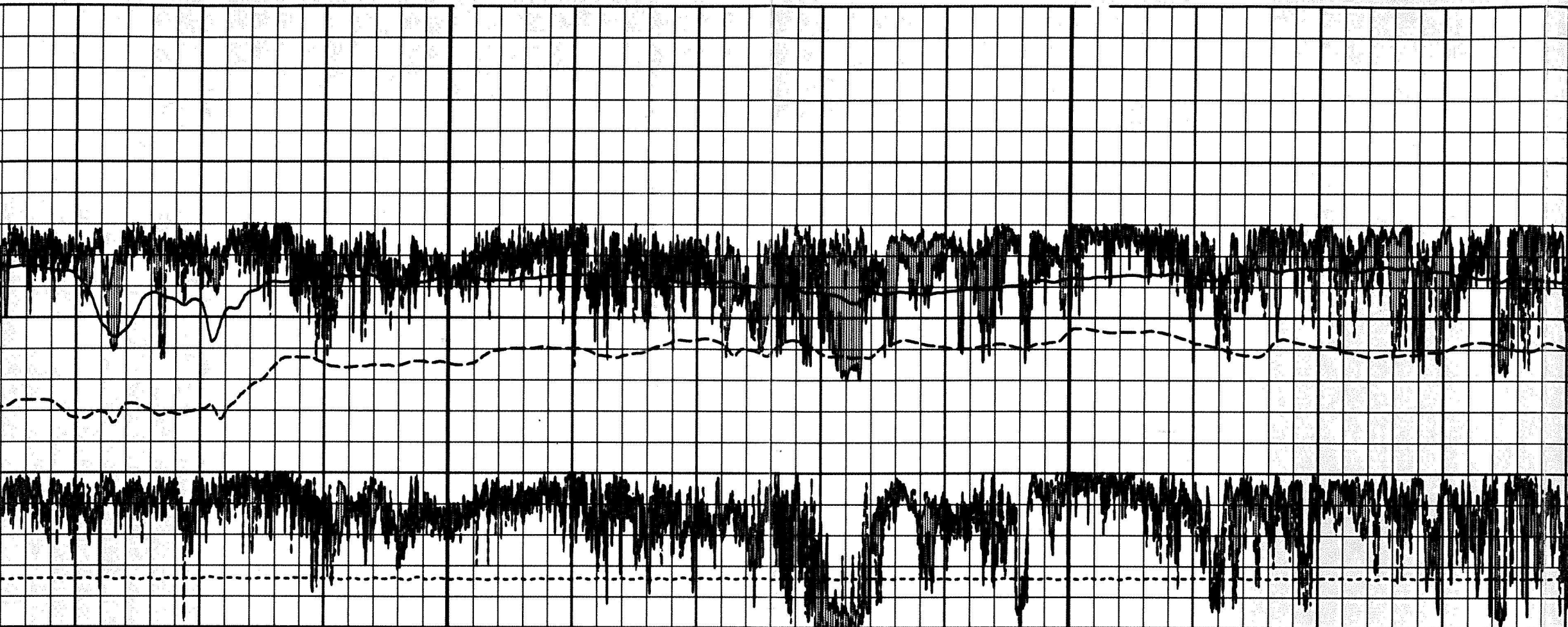
SP (MV)	750.0
DEVI(DEG)	9.000
RB (DEG)	360.0
AZIM(DEG)	360.0

TENS(LB)	10000.
C2 (INCH)	4.000
C1 (INCH)	4.000

79 074034

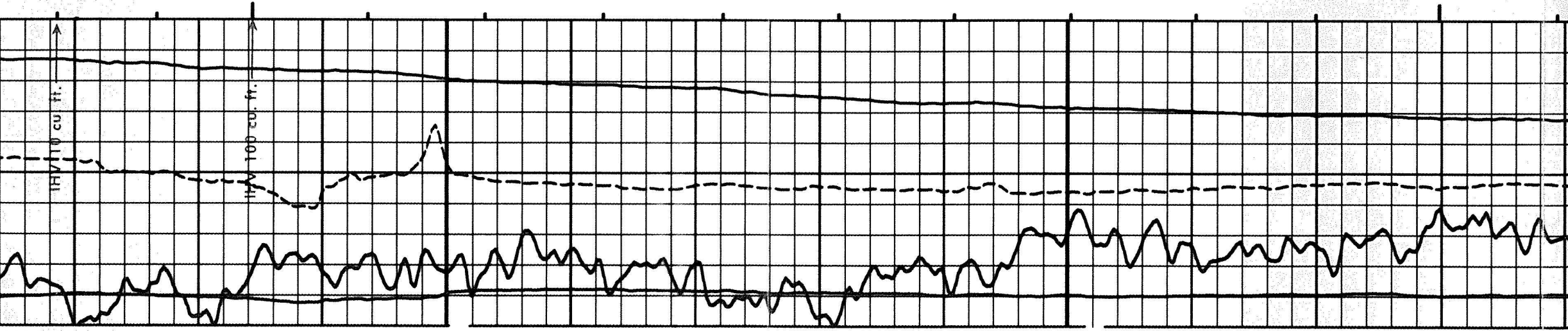
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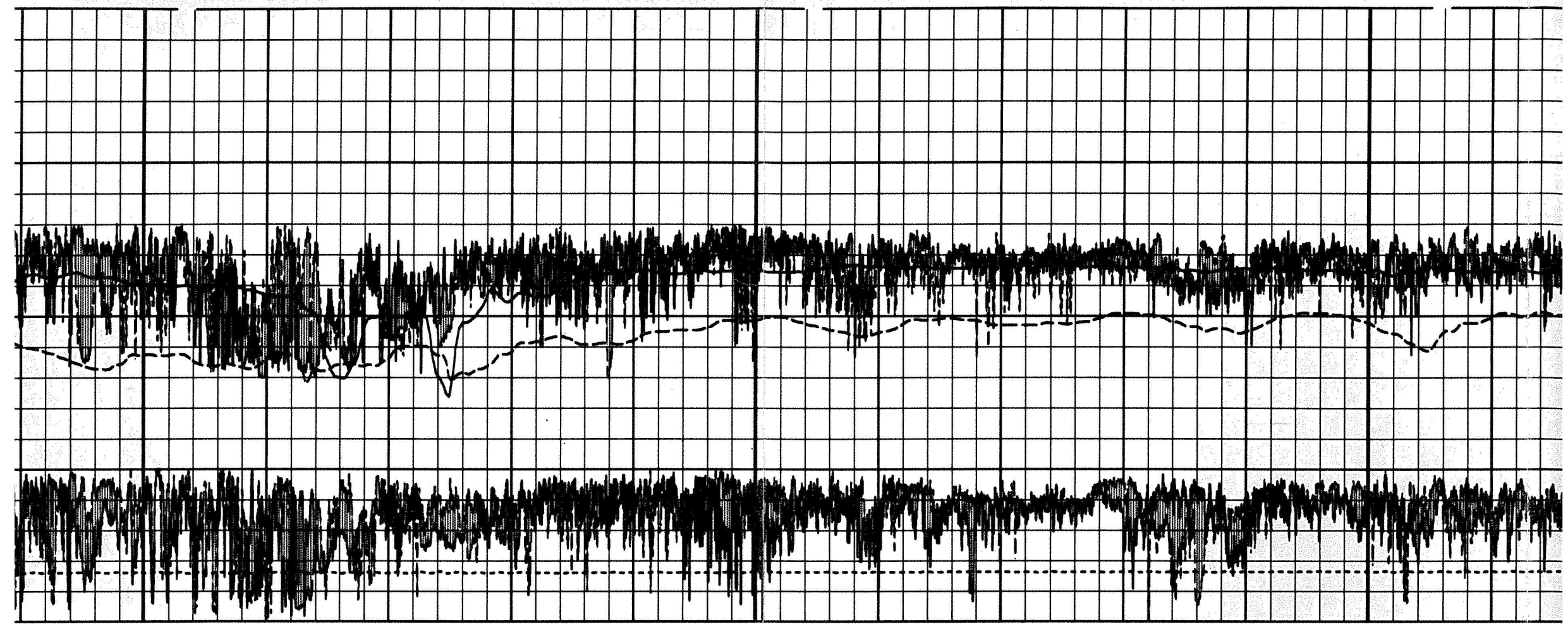
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100 cu. ft.

100 cu. ft.

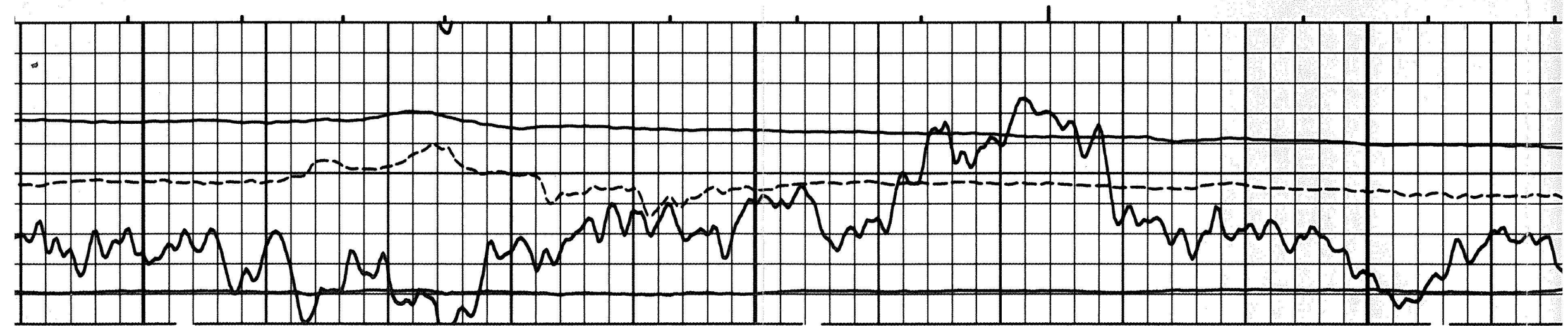


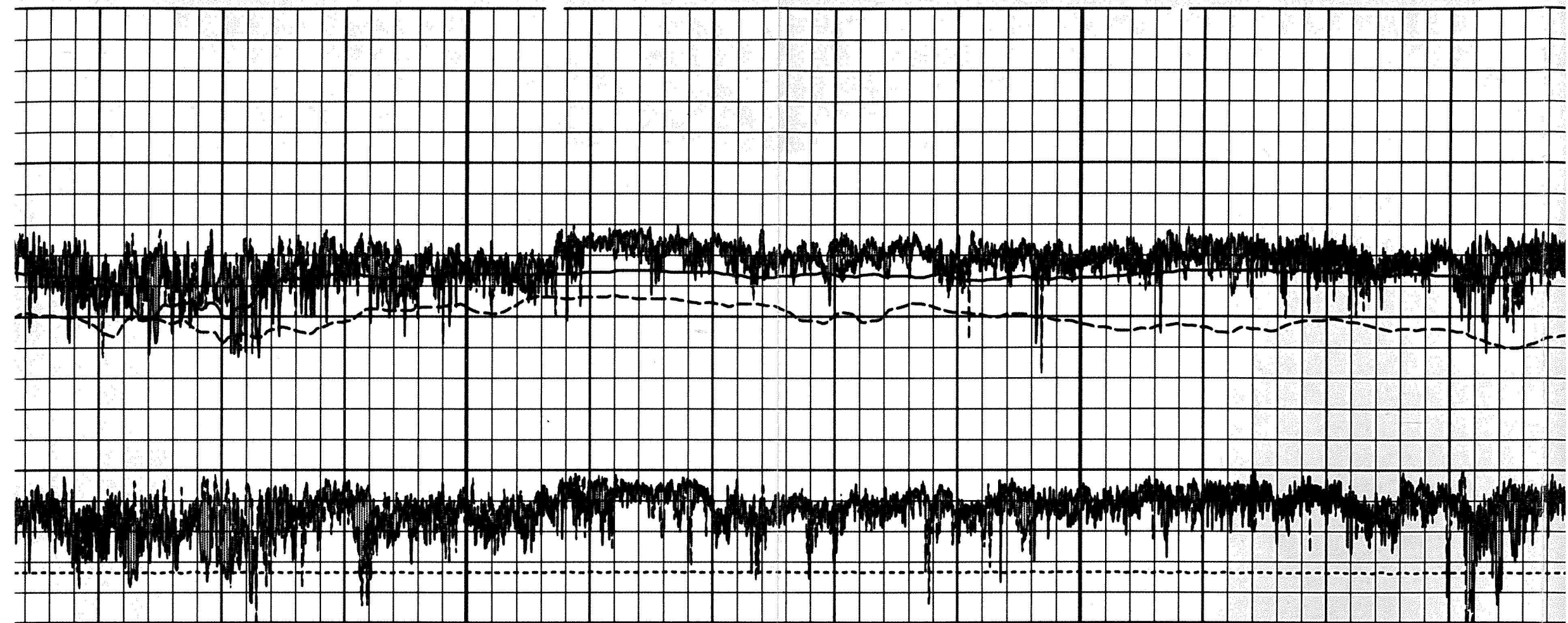


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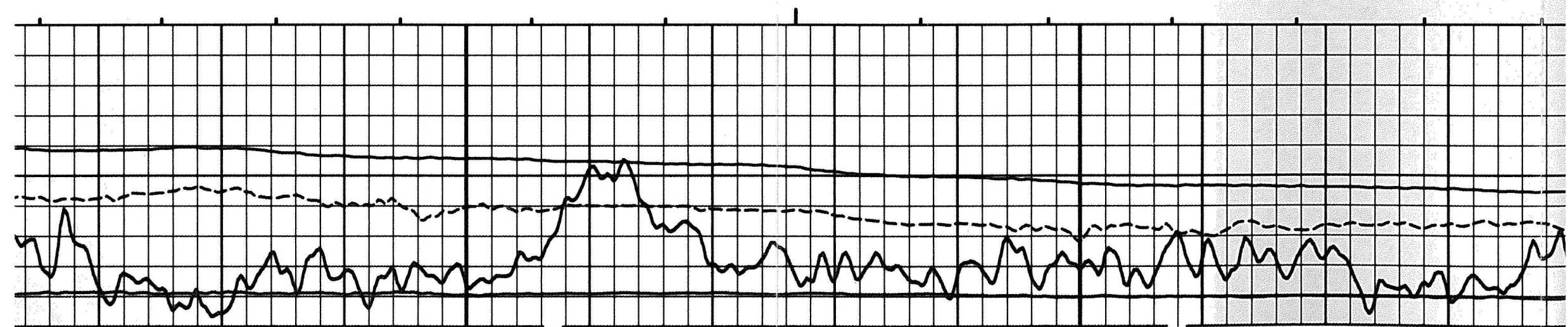
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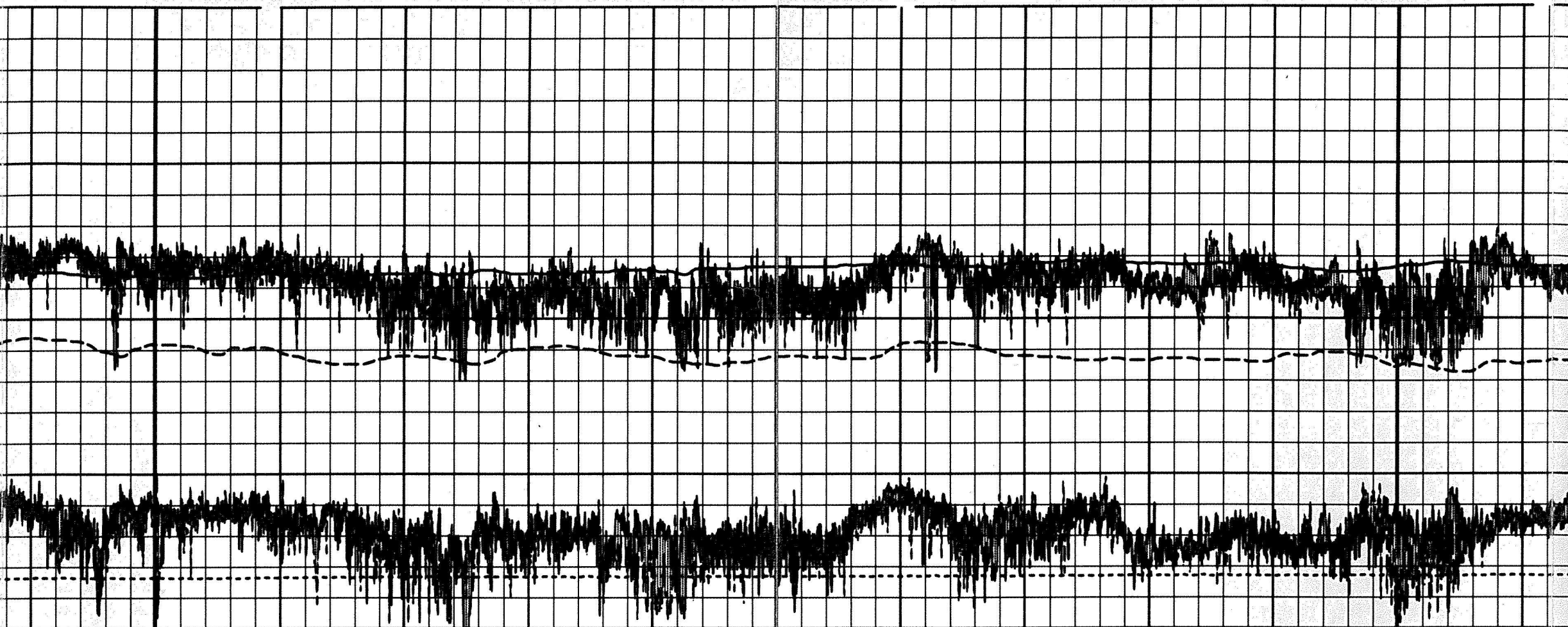




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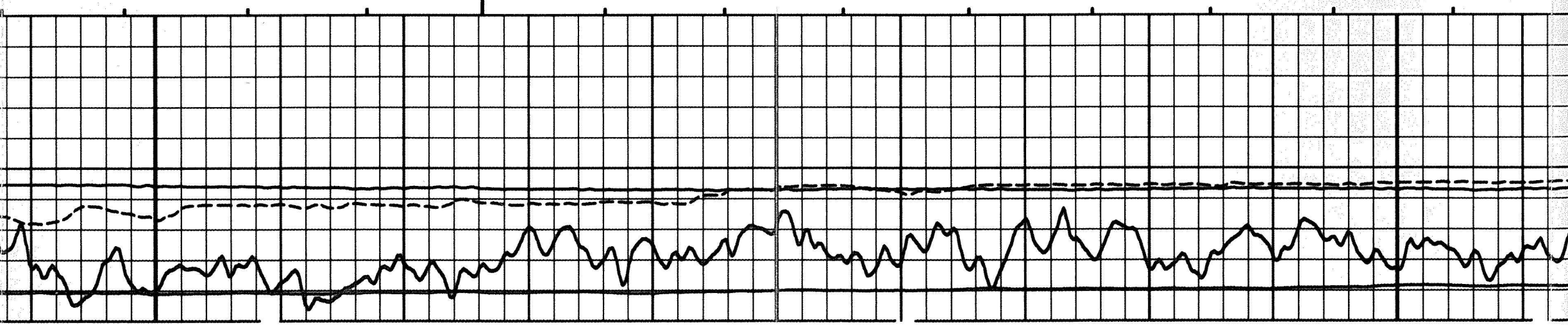


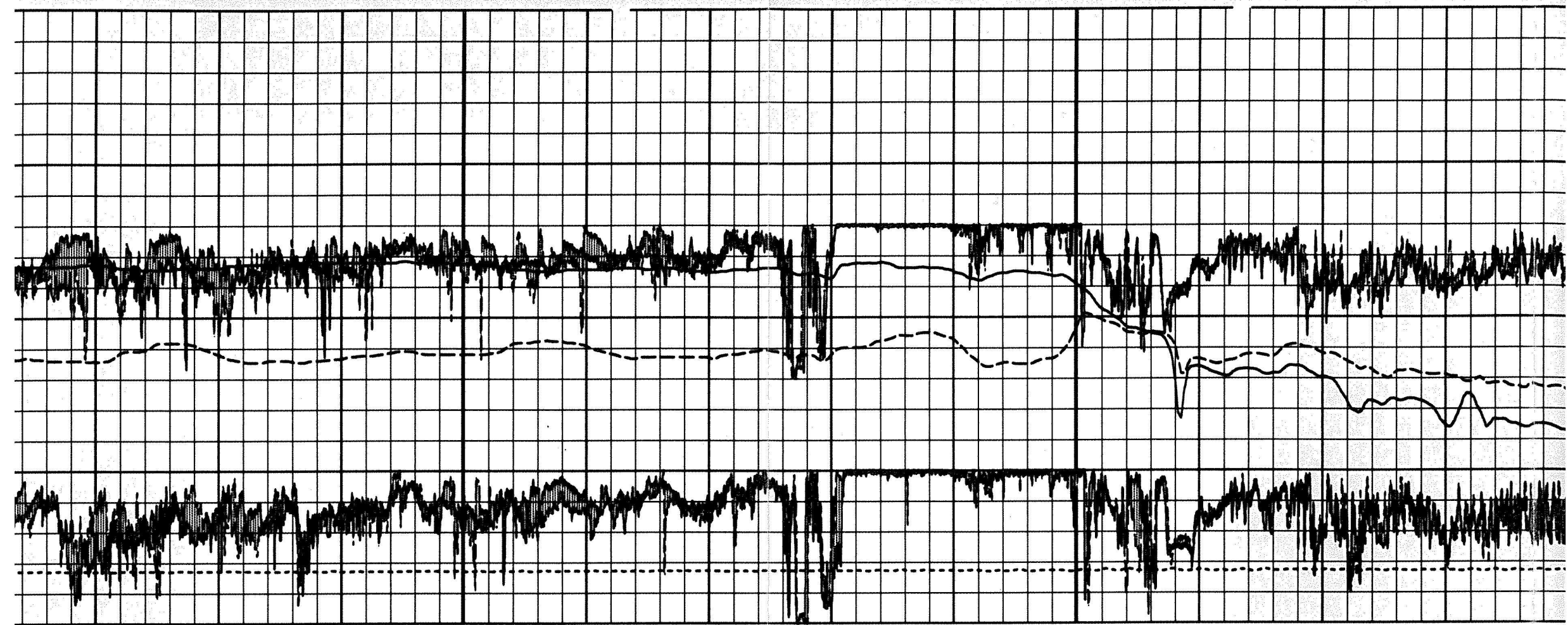


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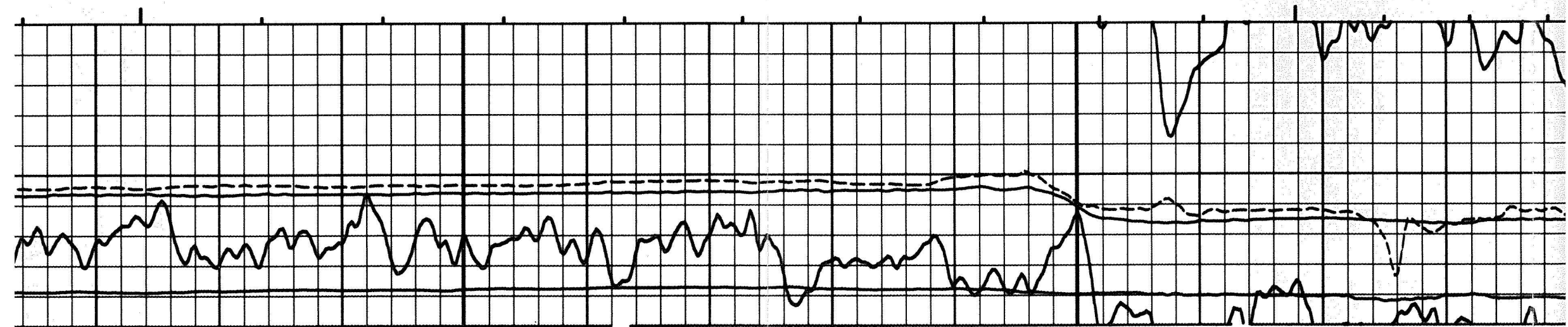
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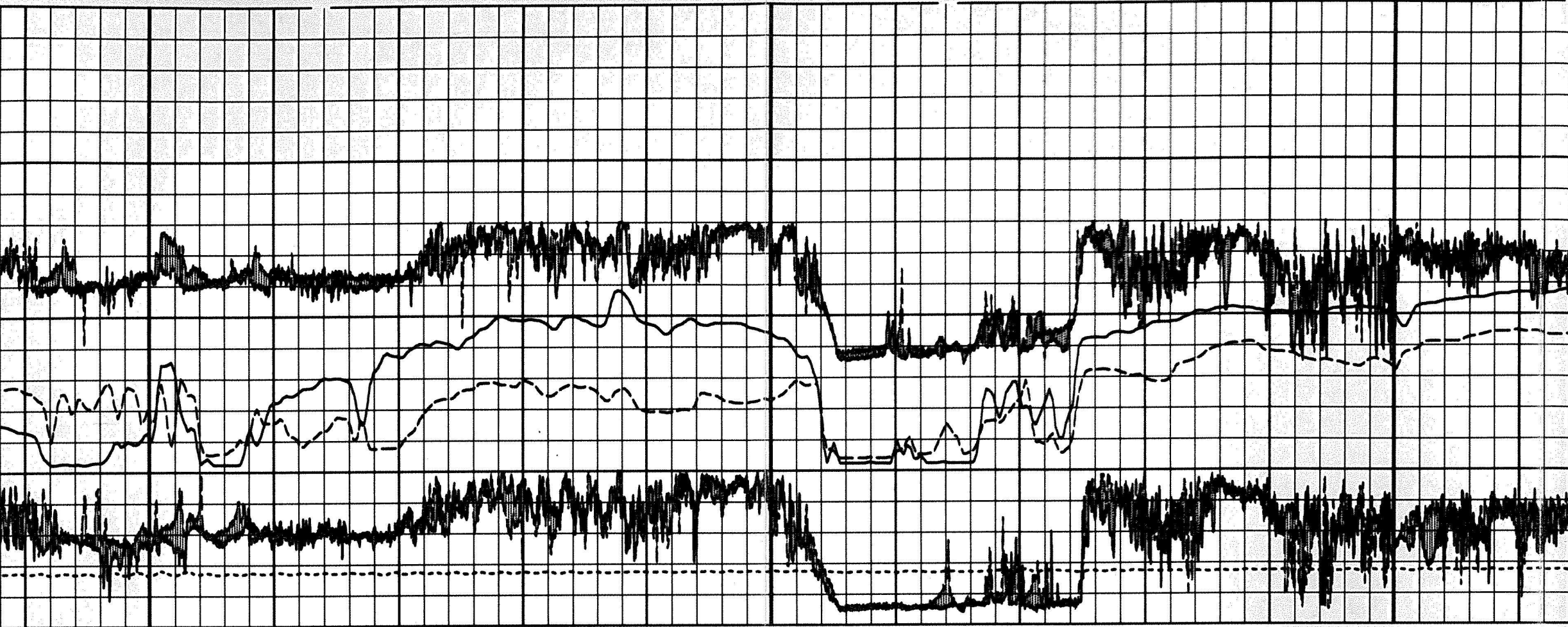




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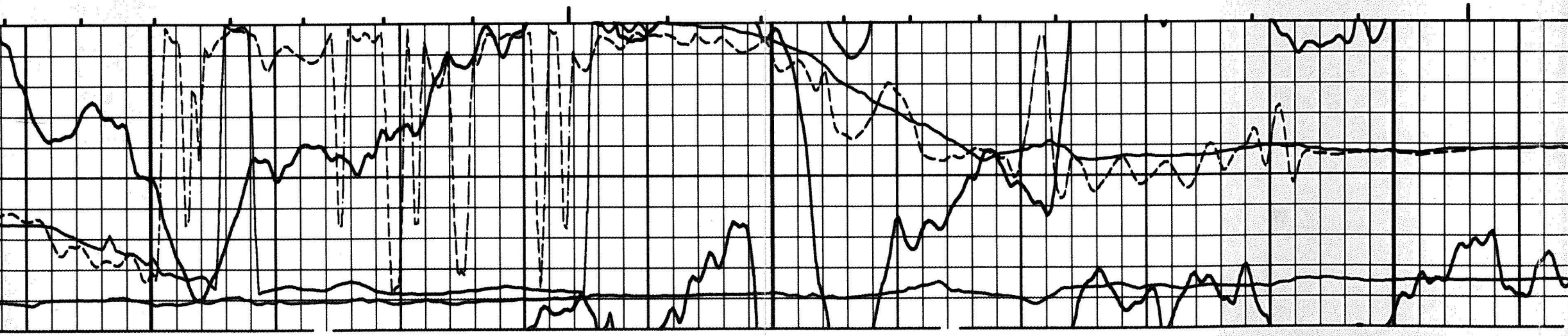


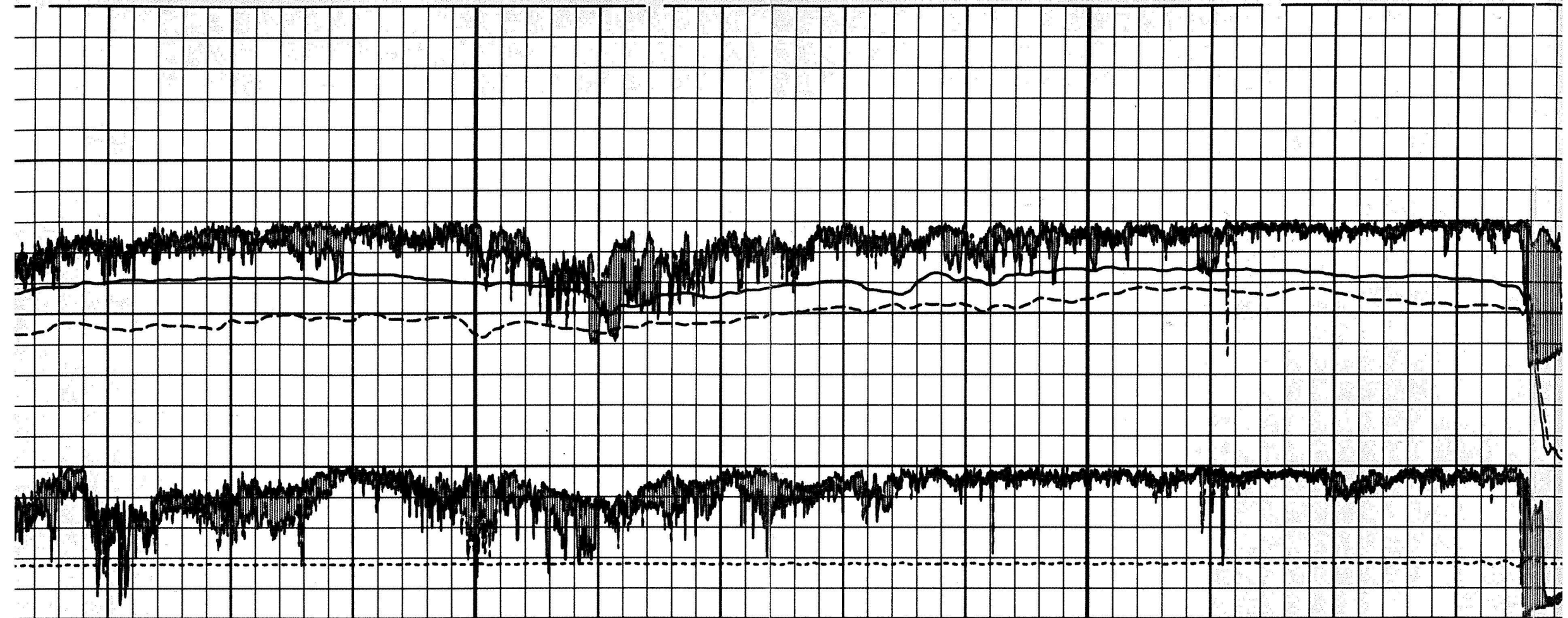


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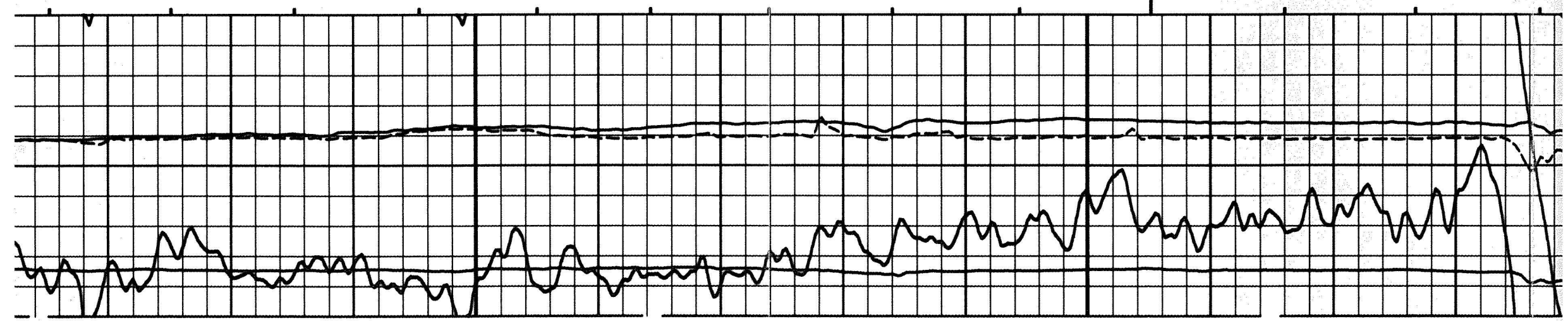
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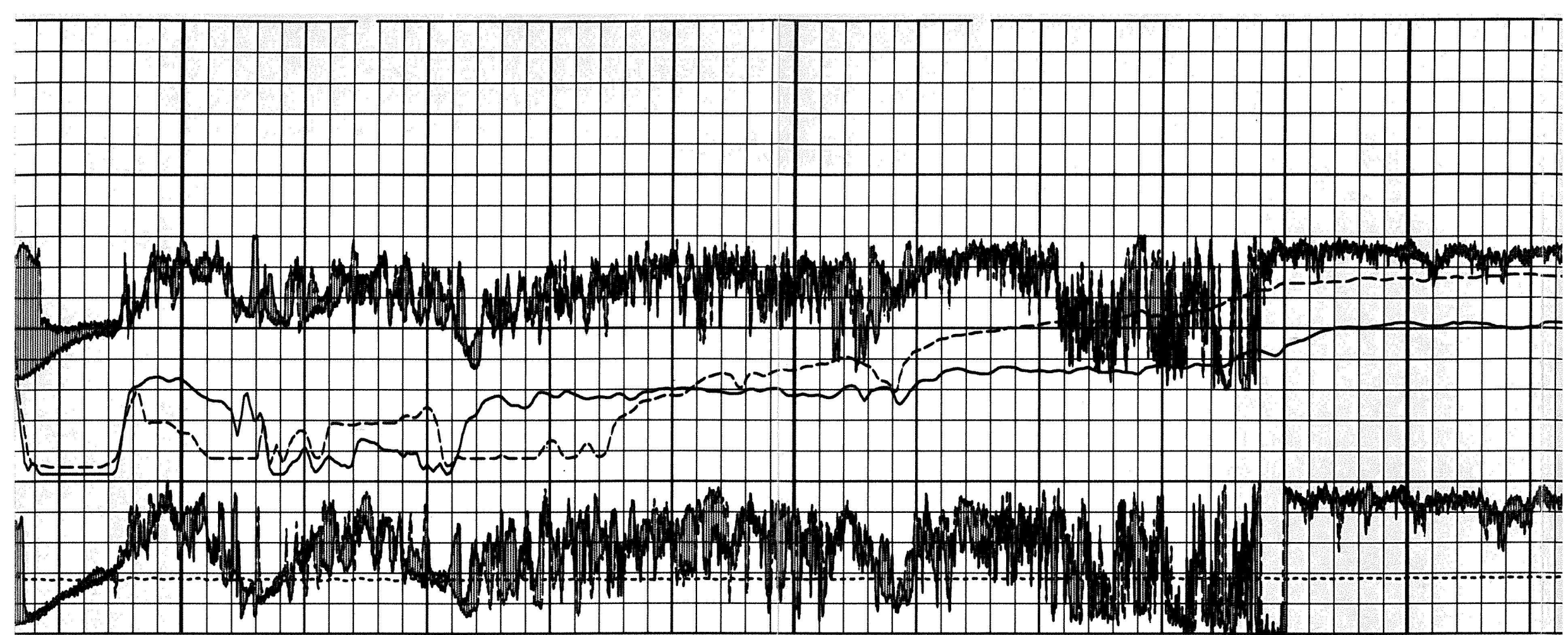




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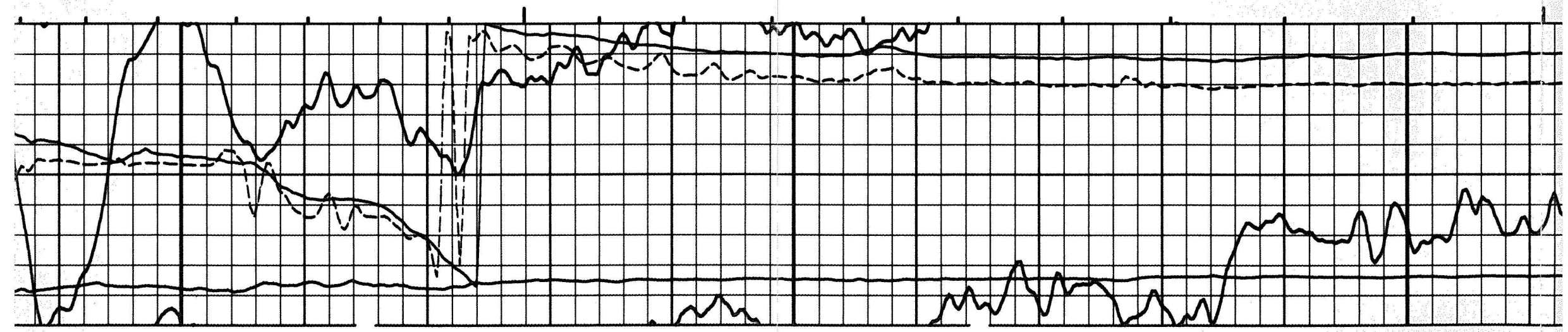


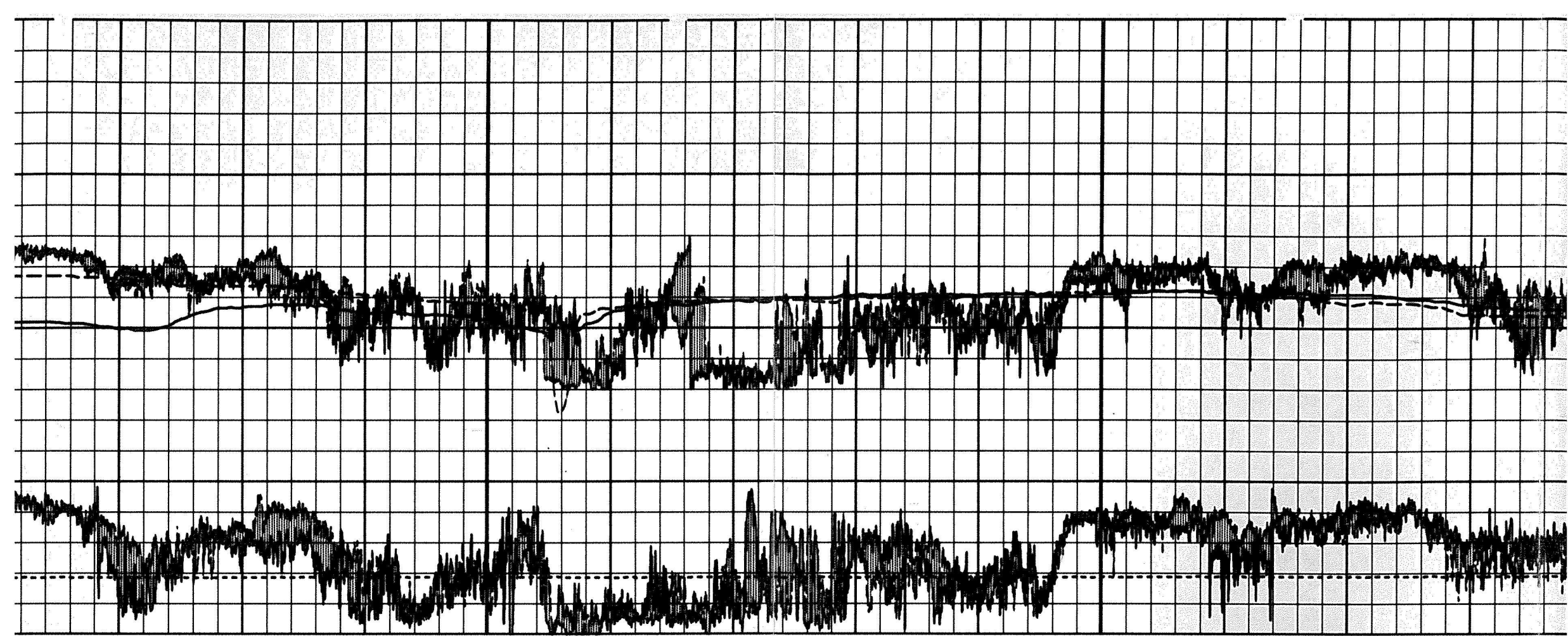


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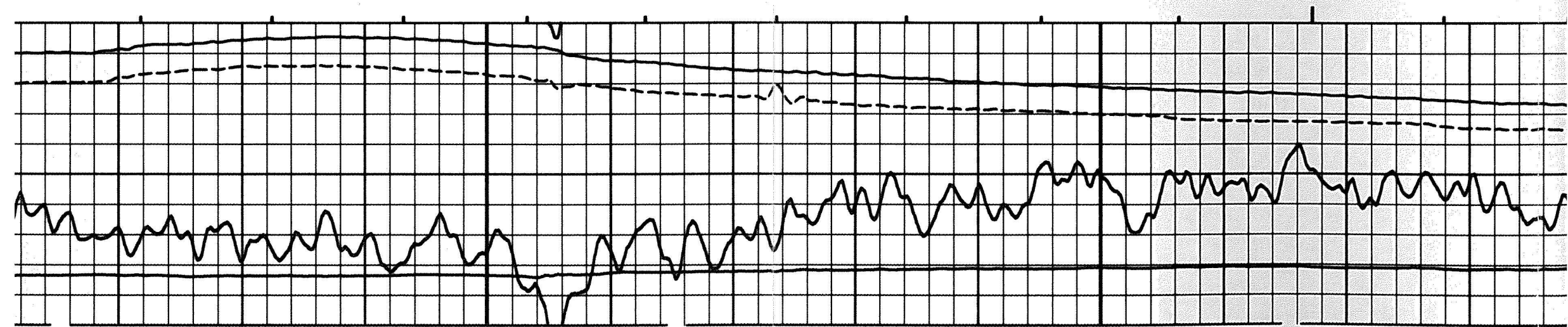
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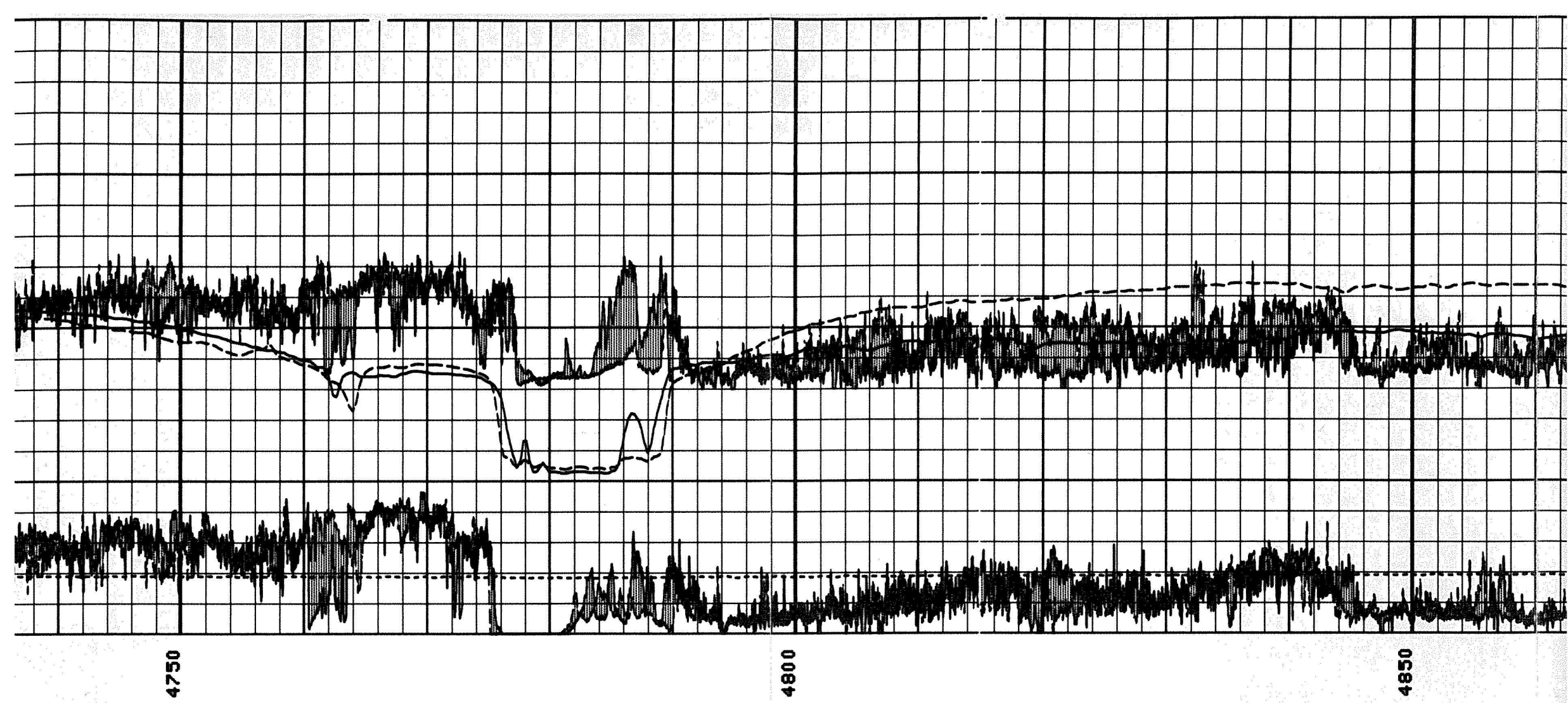


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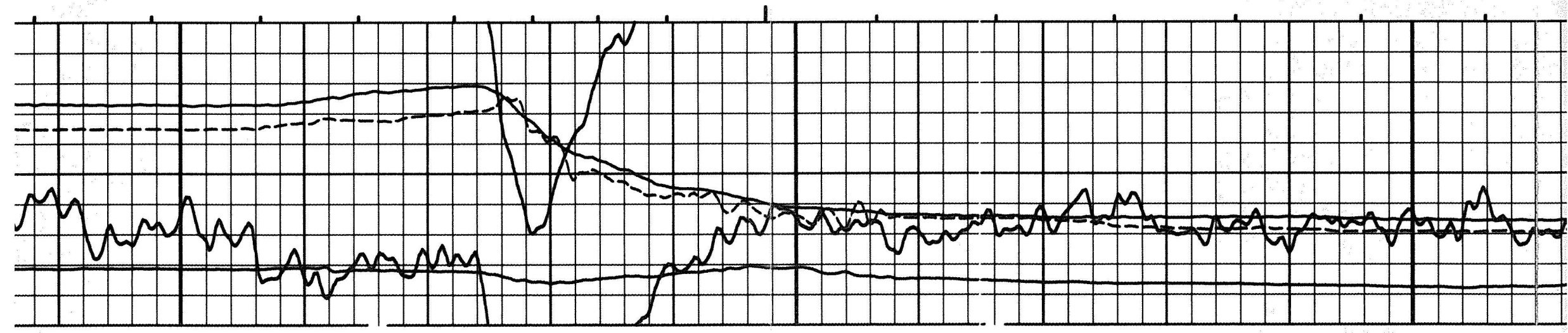


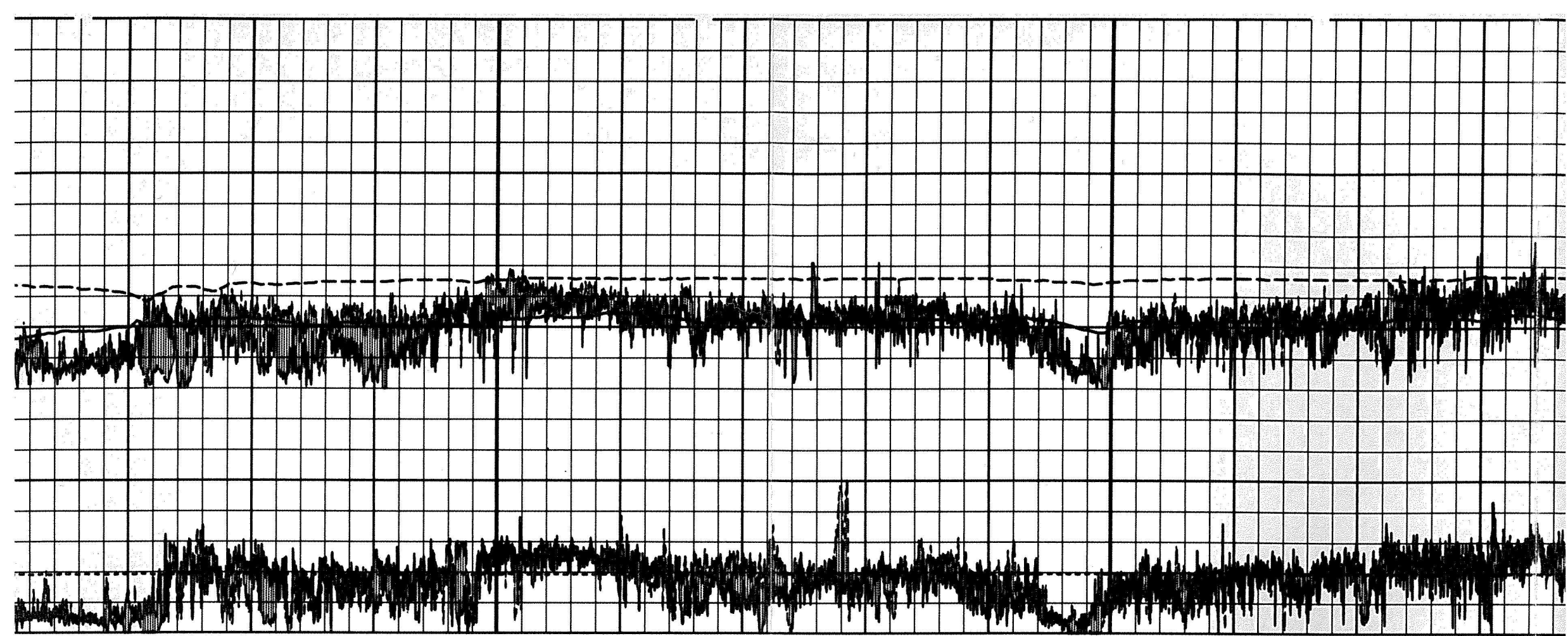


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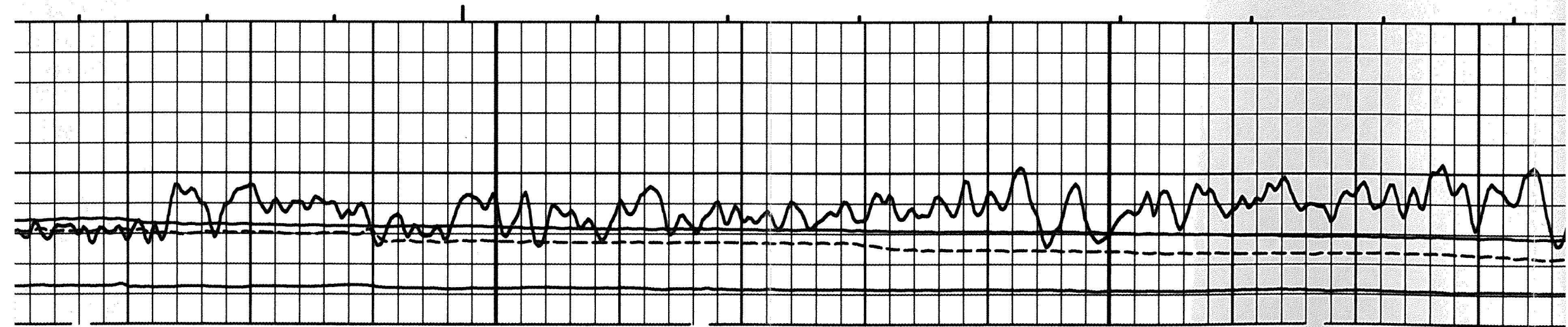
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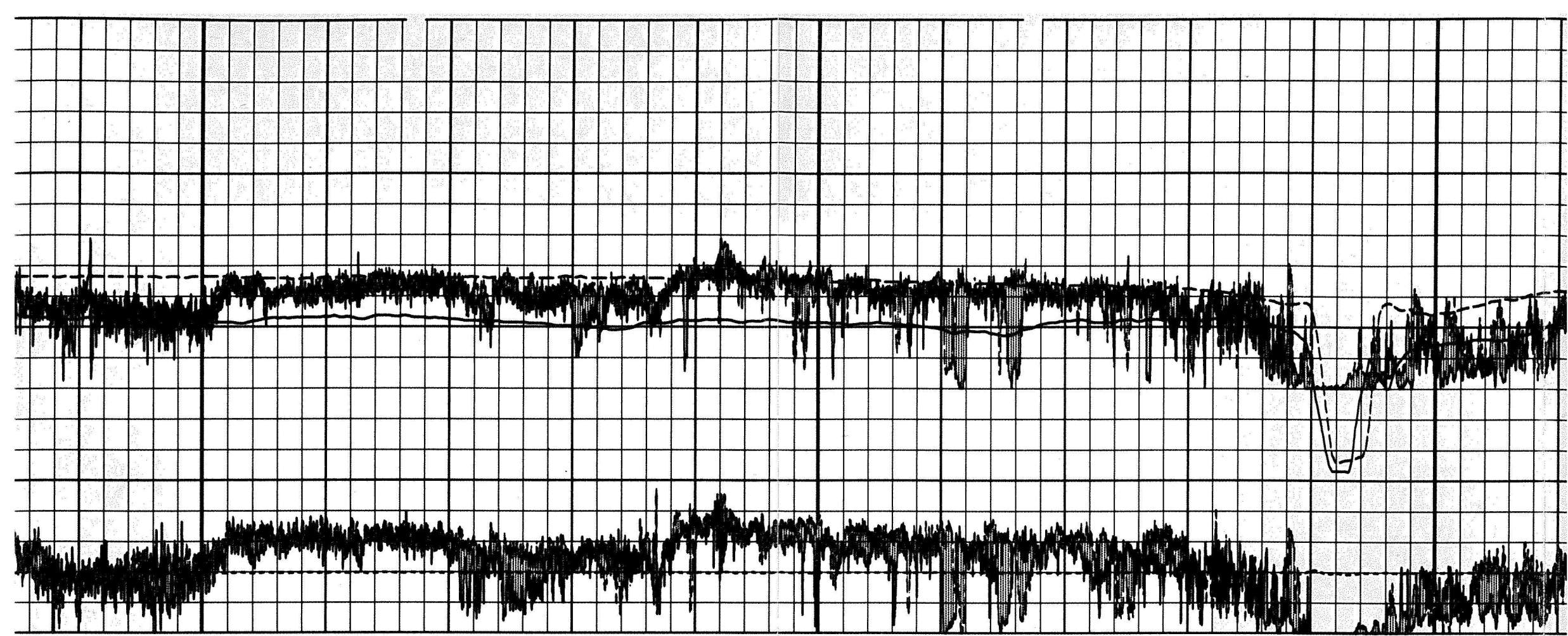




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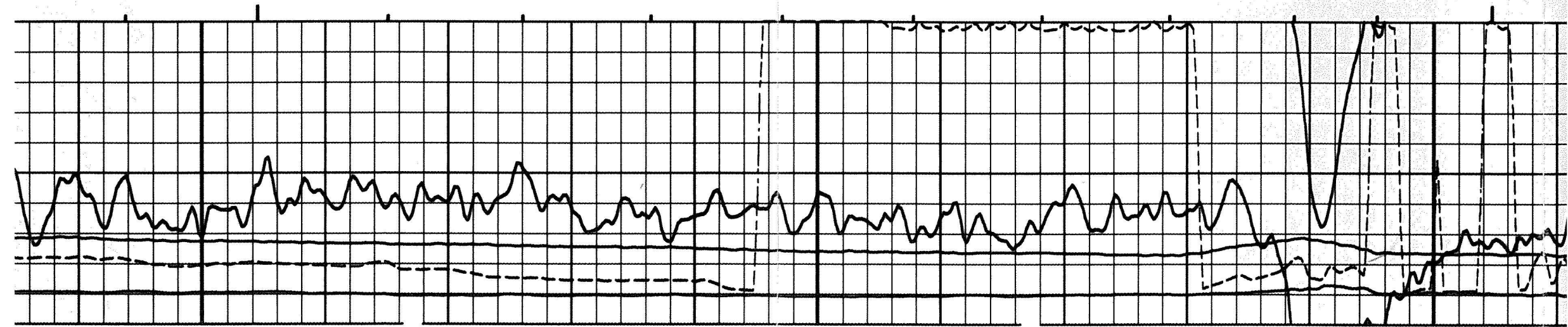


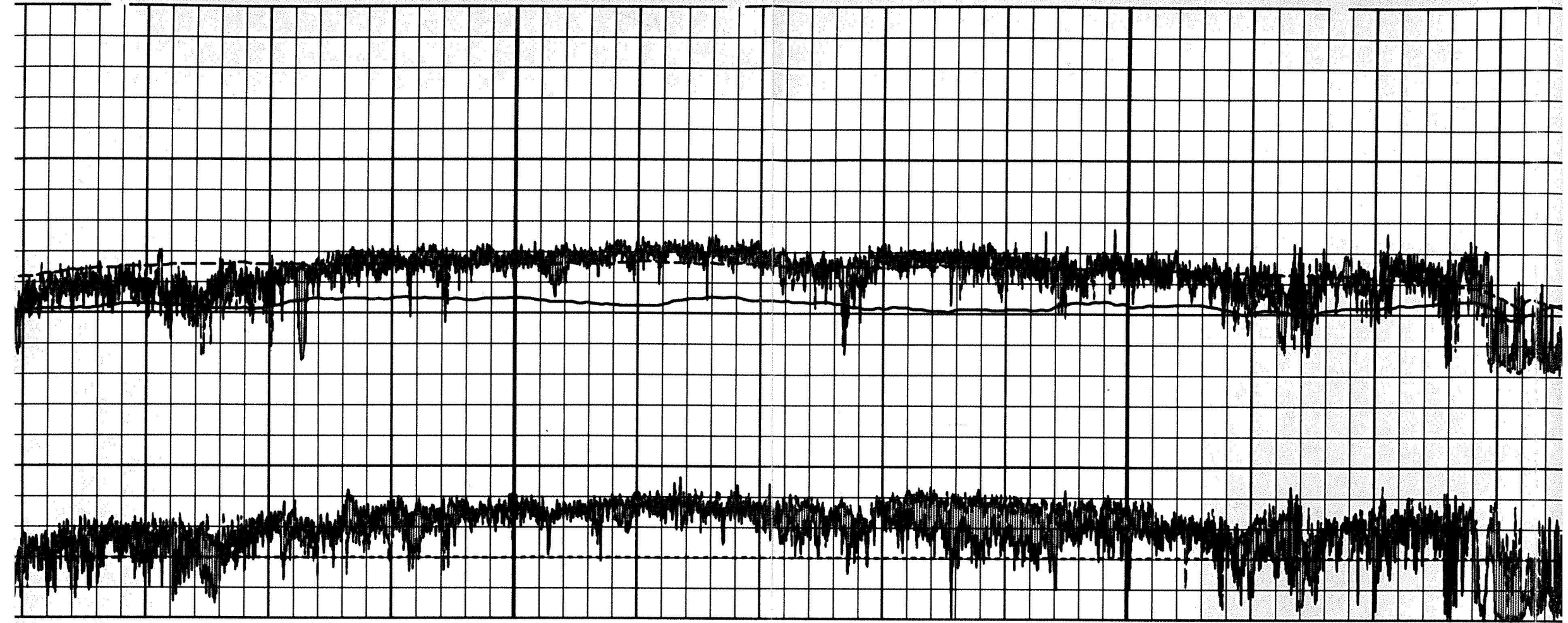


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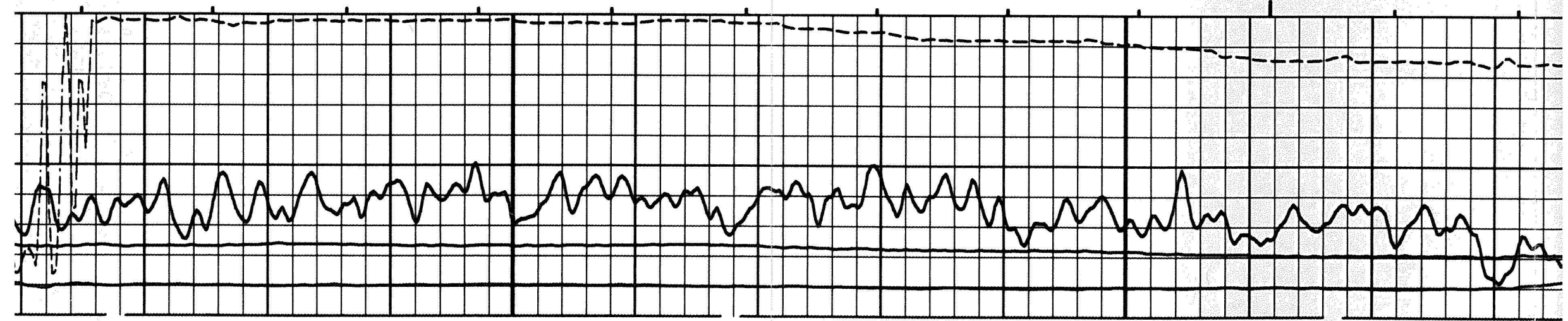
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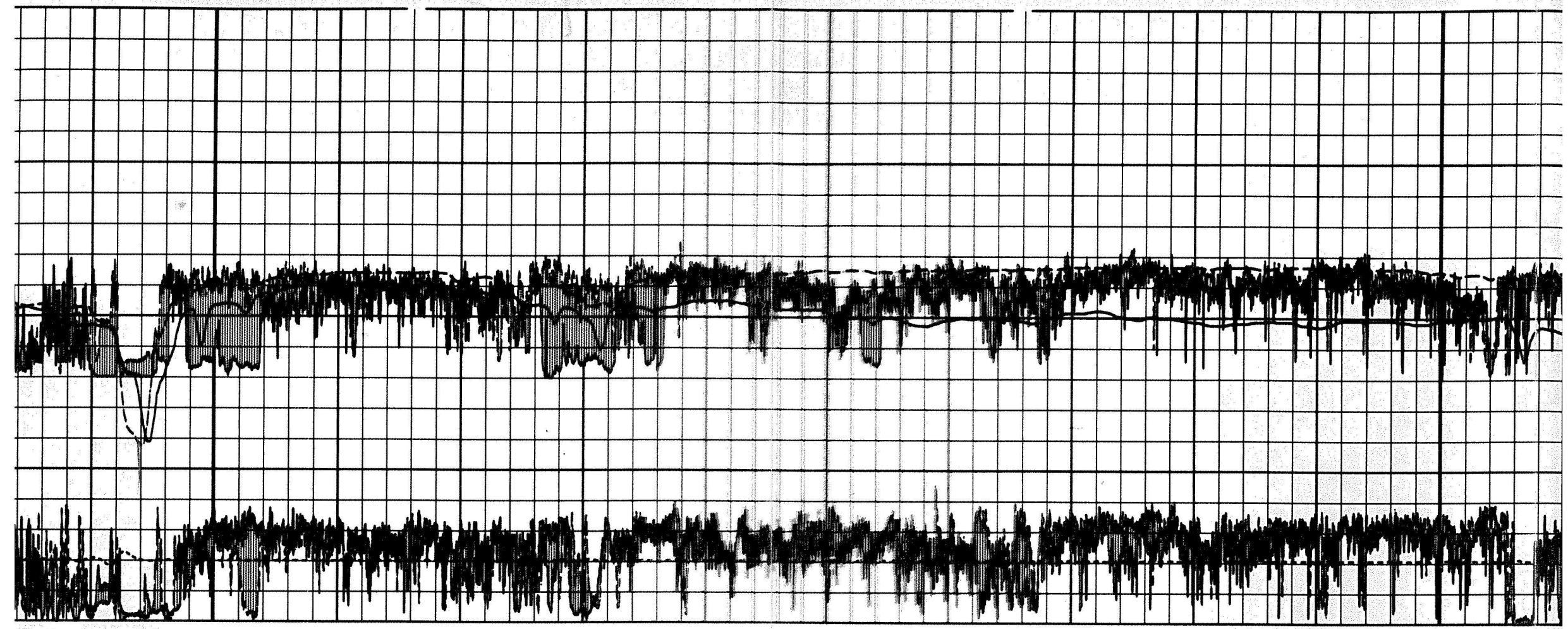




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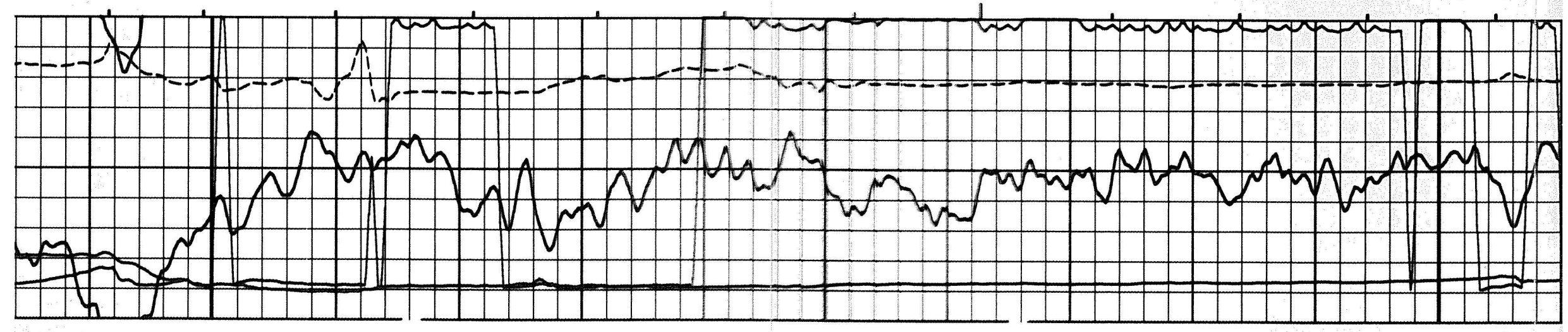


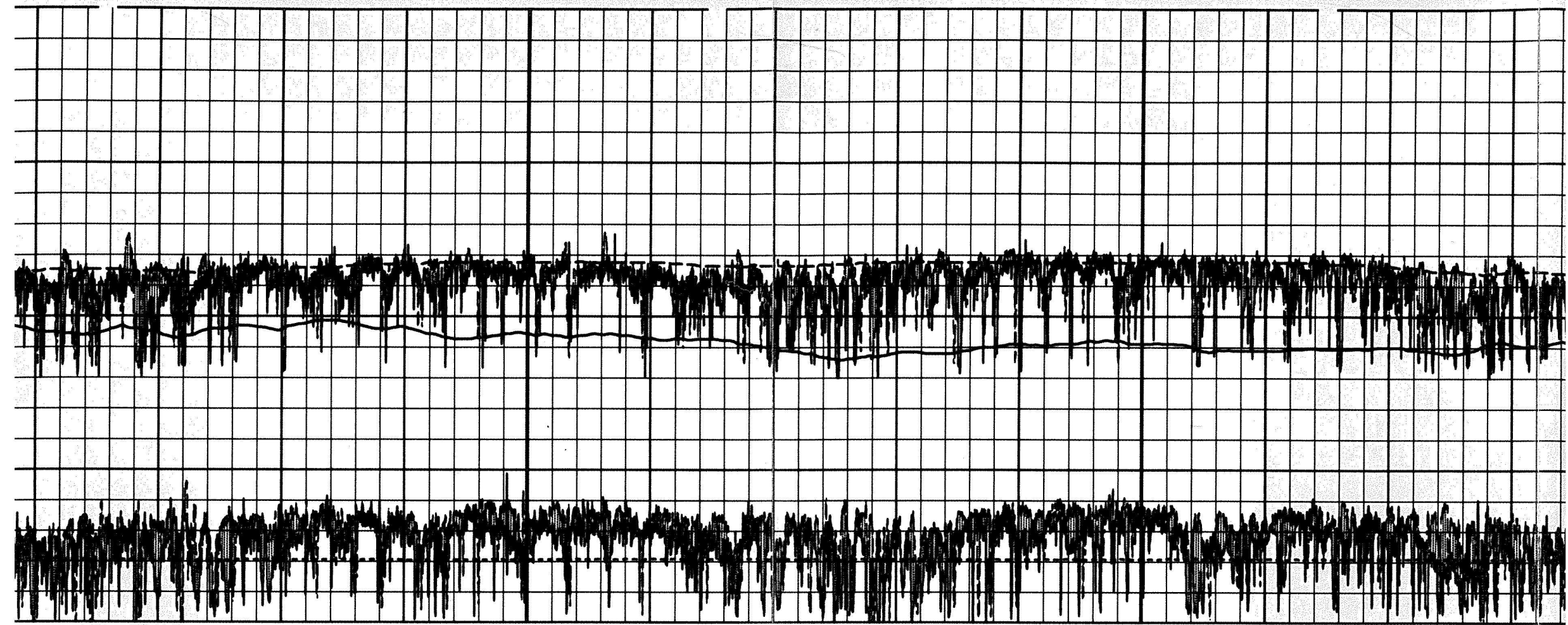


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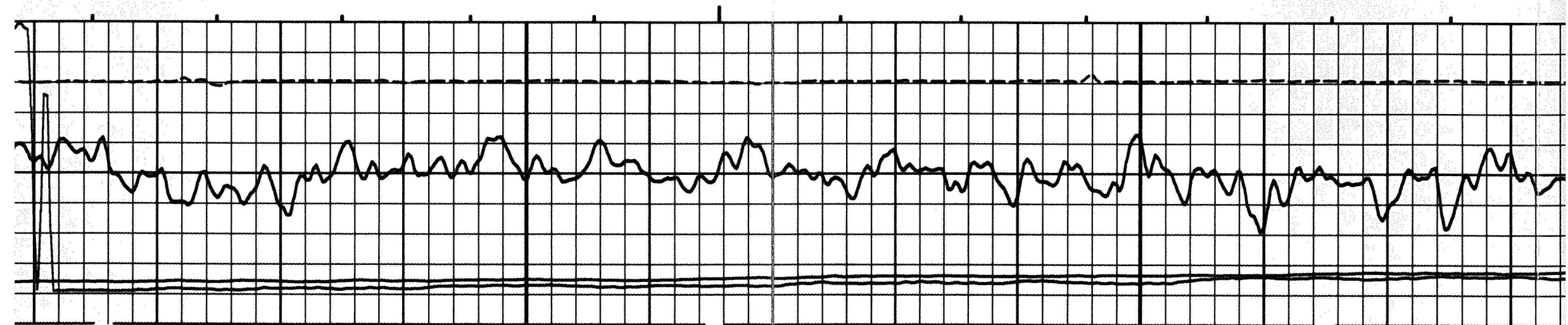
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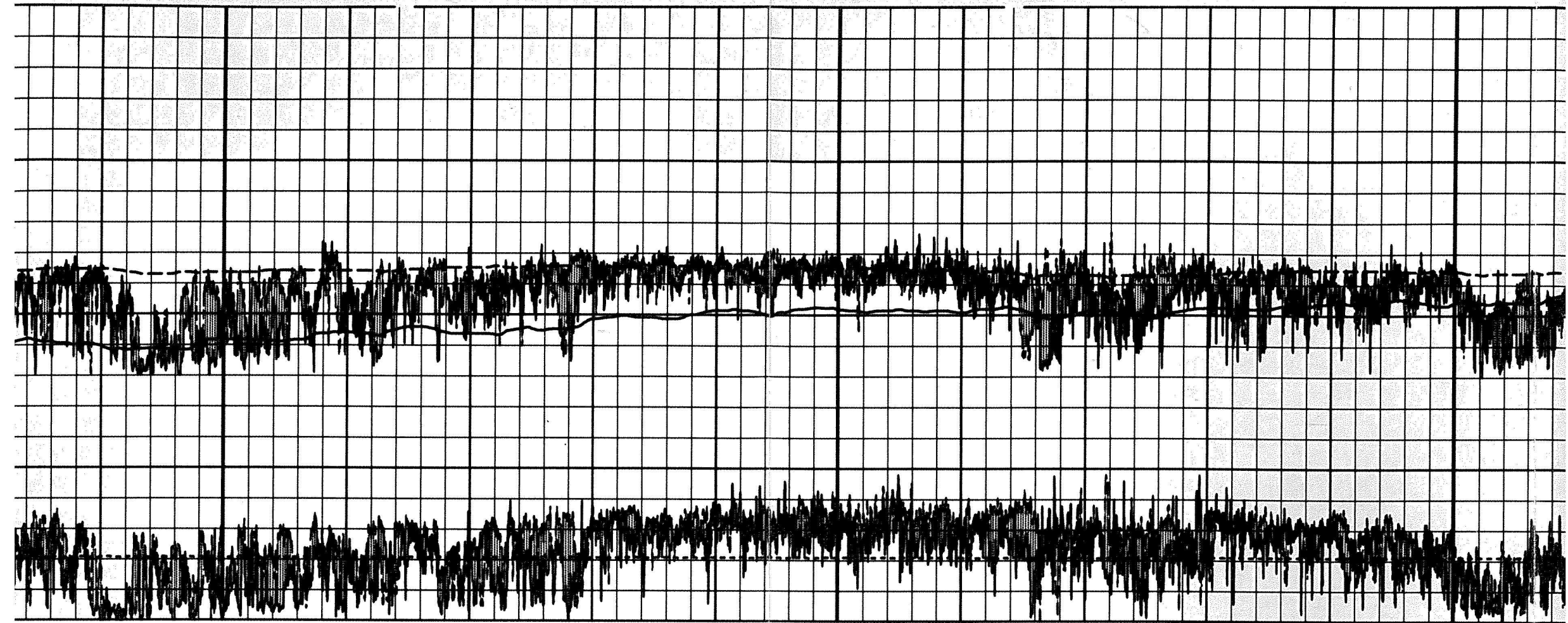




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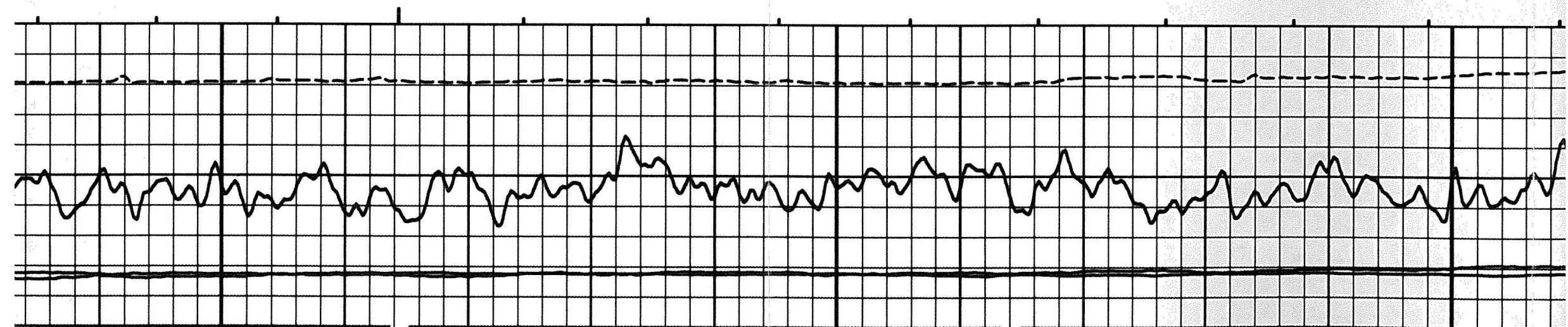


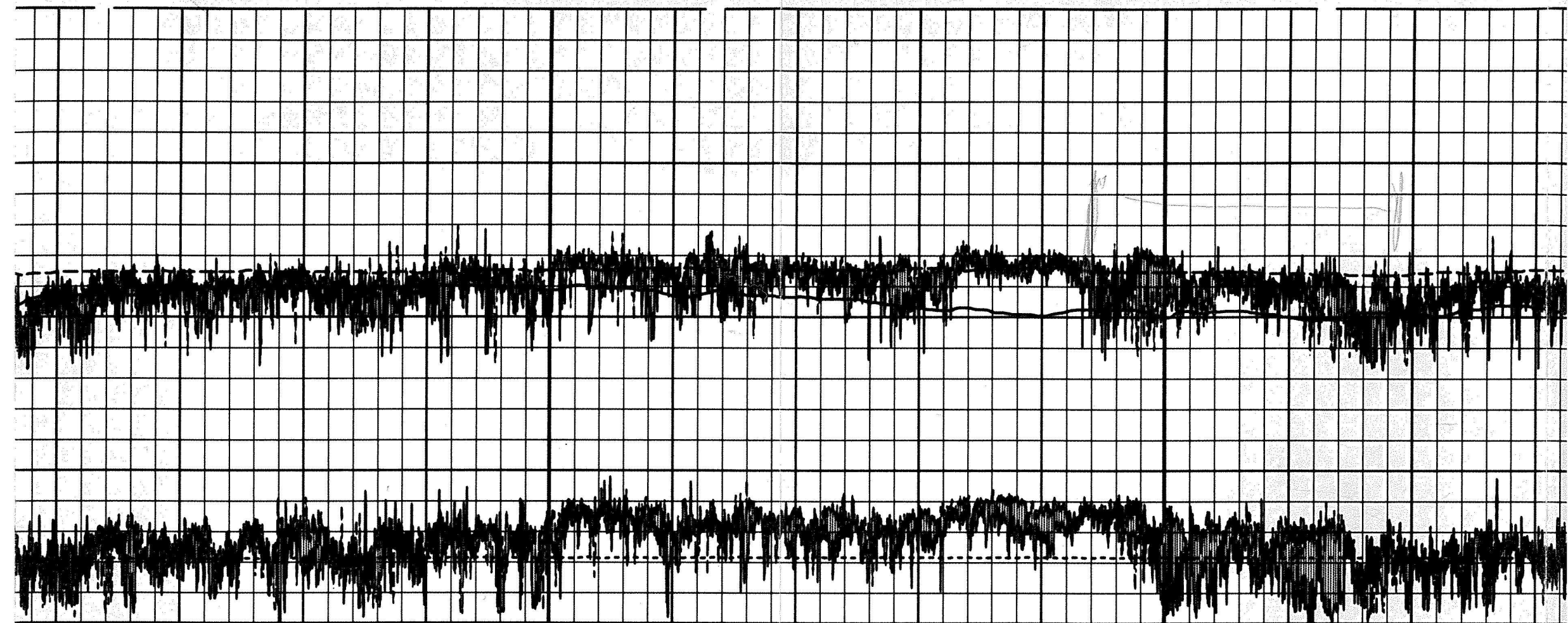


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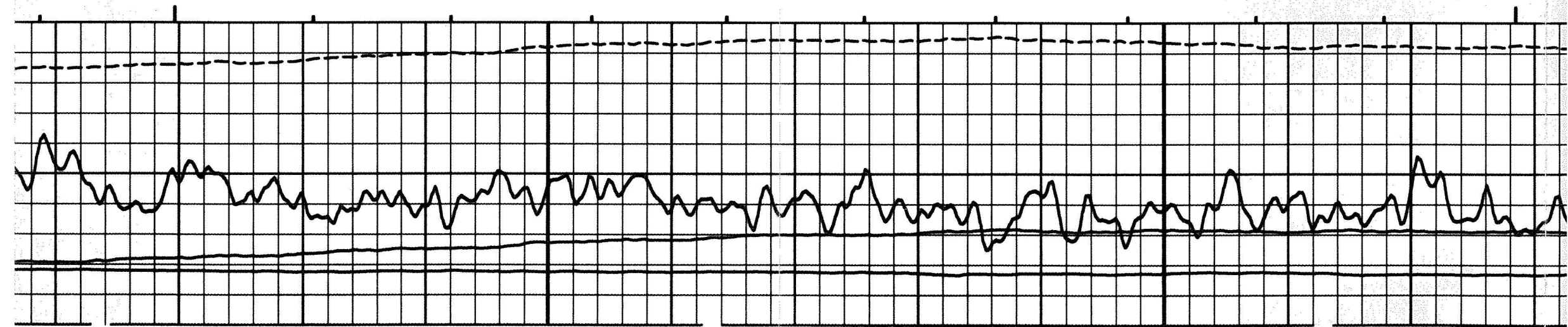
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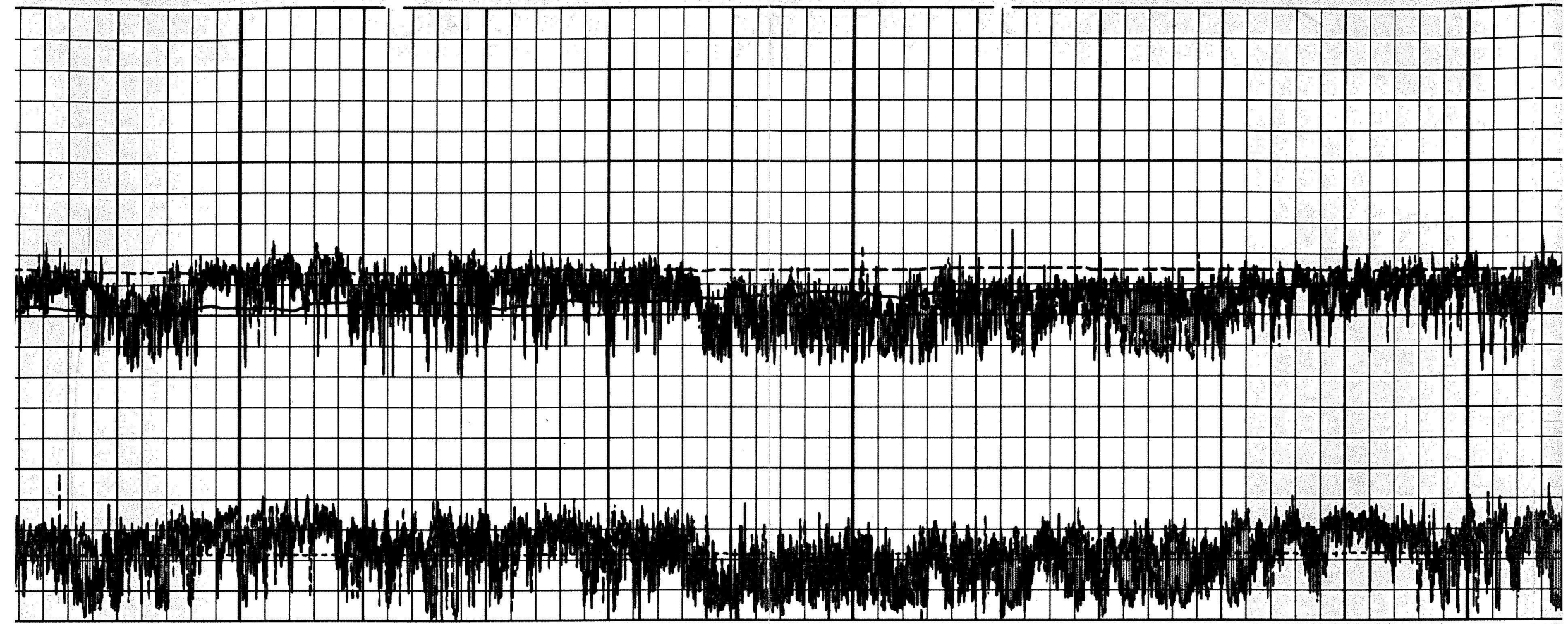


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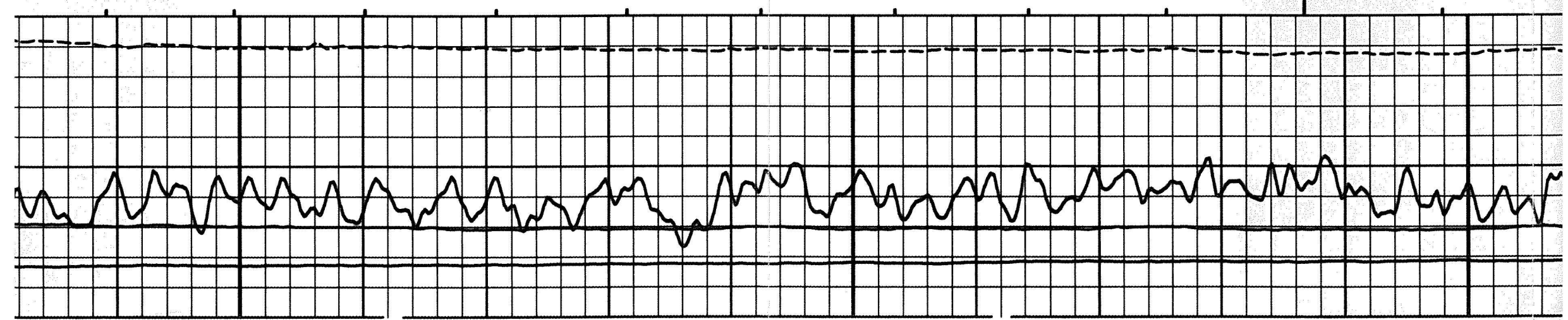


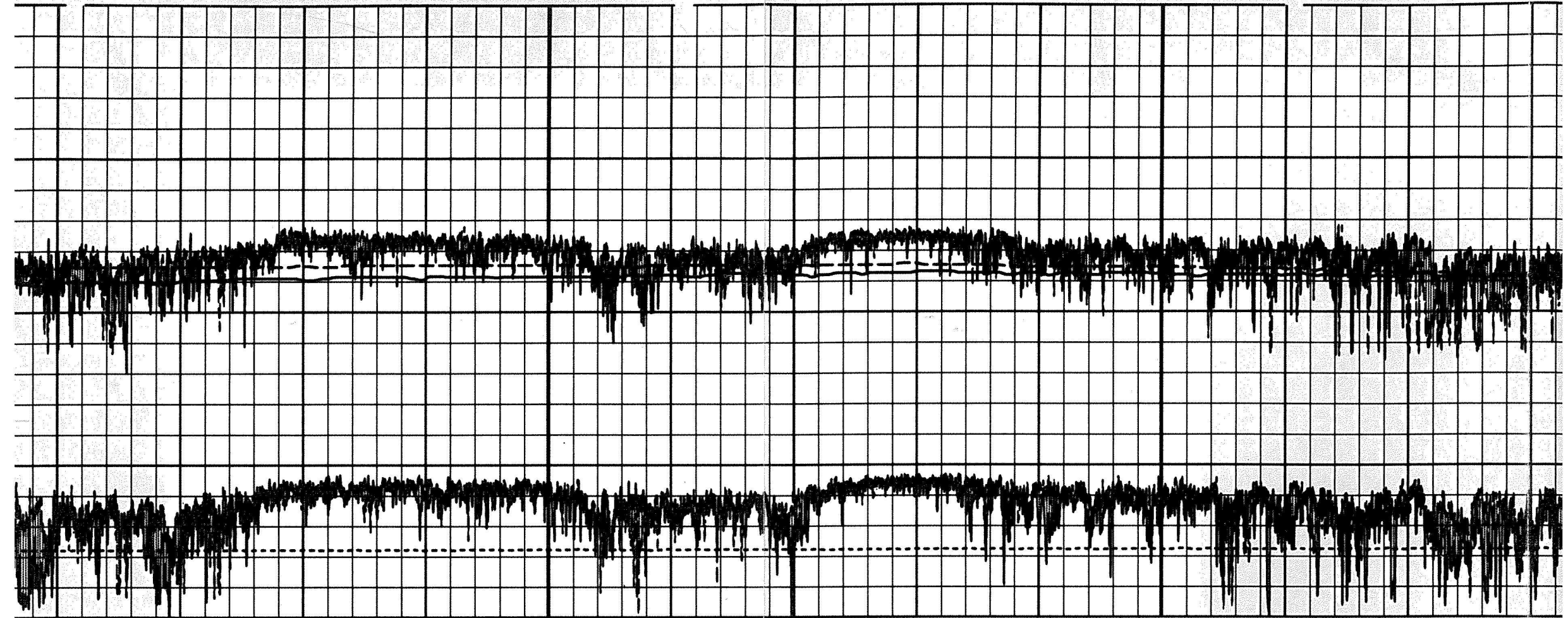


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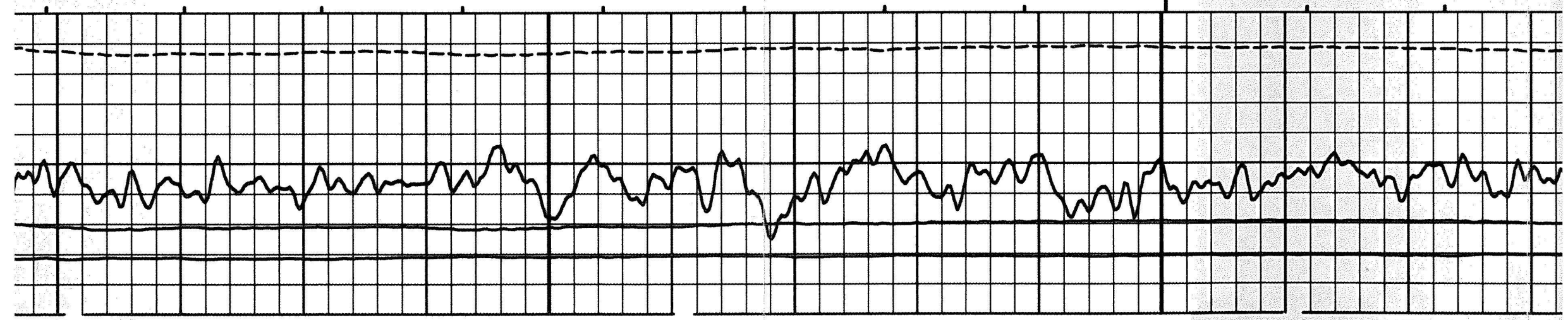
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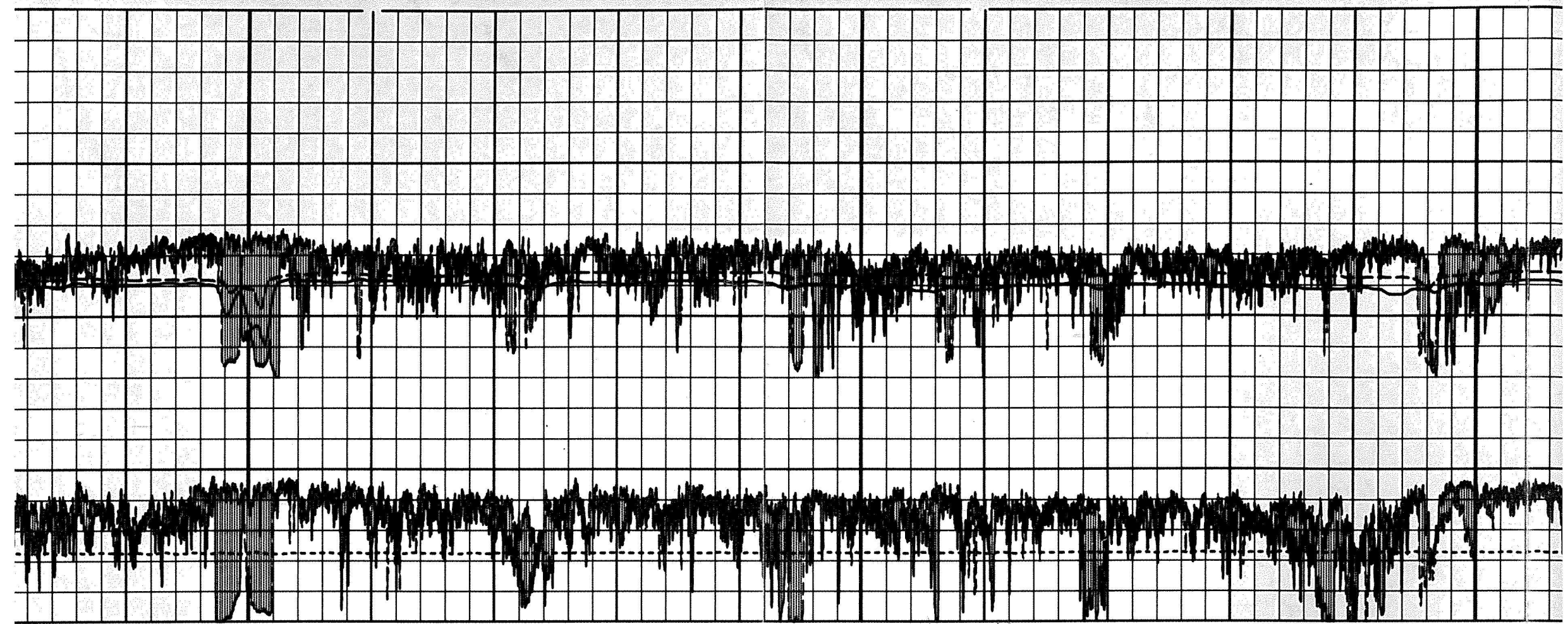




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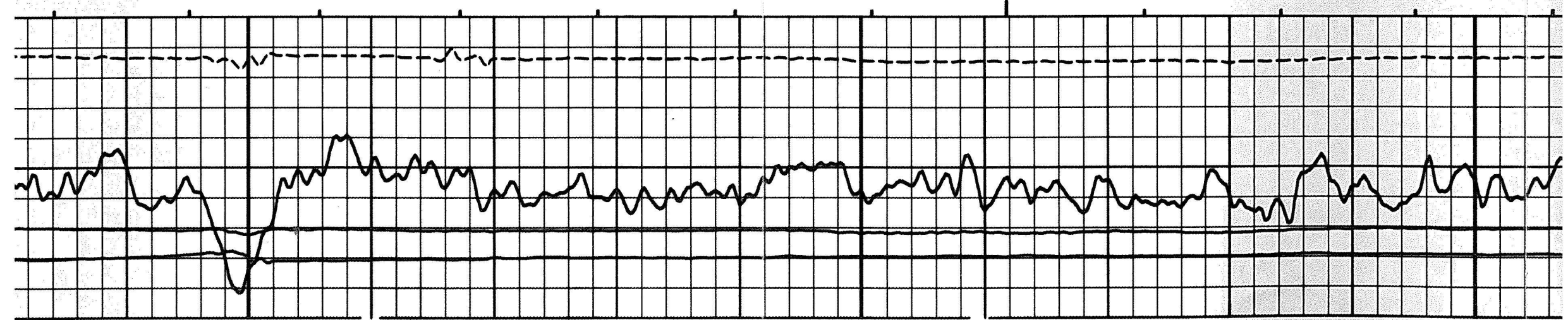


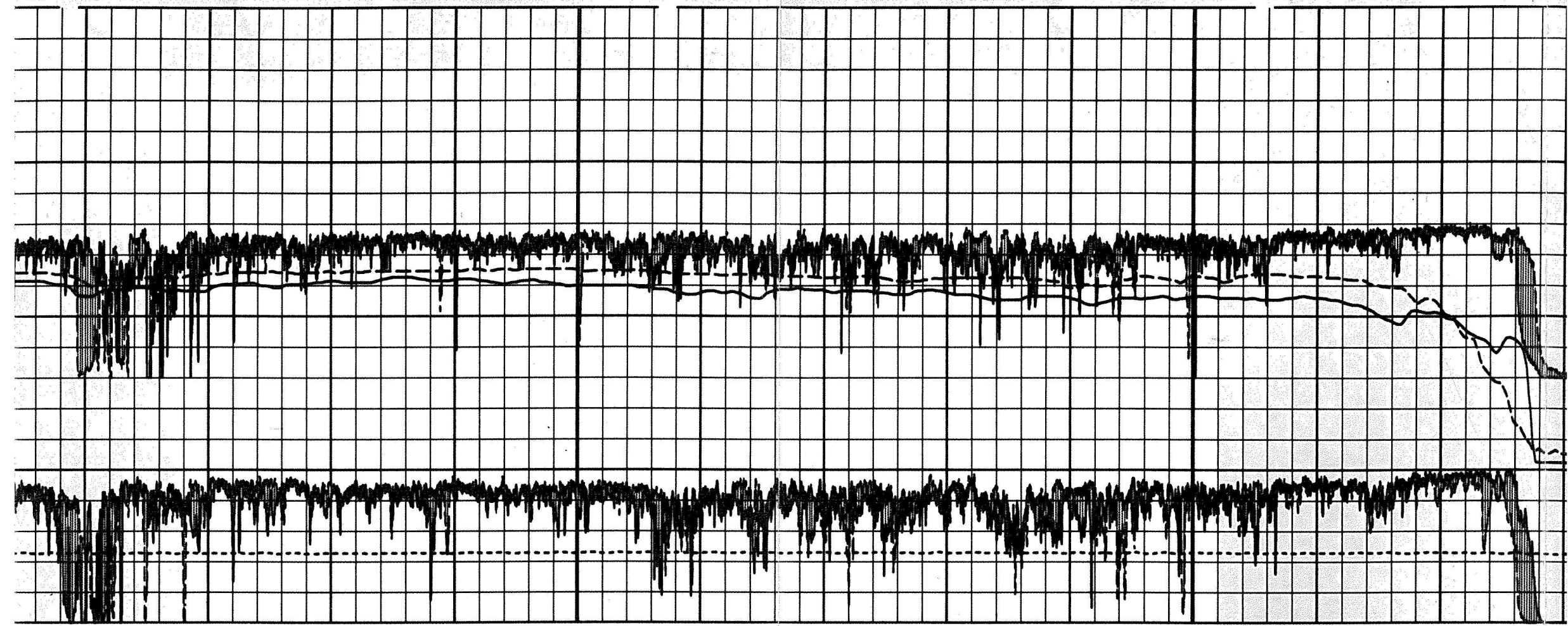


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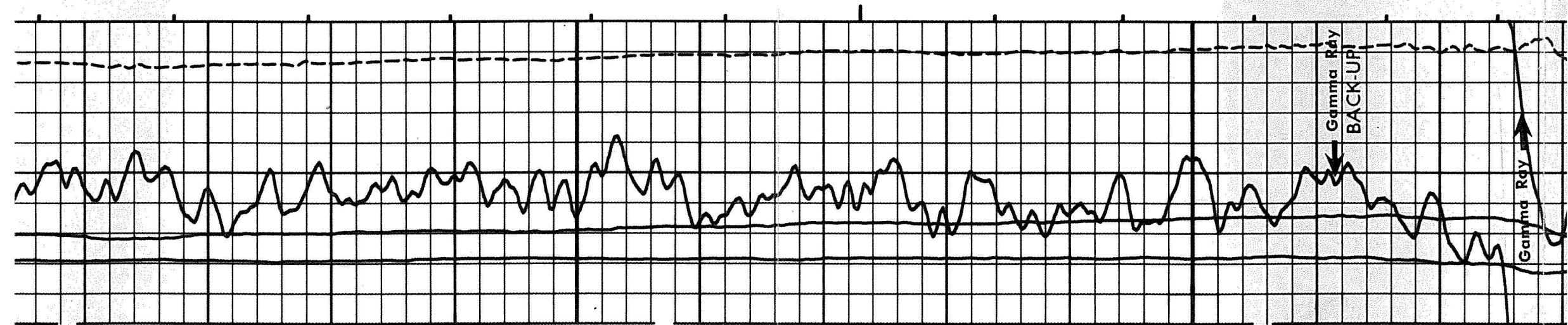
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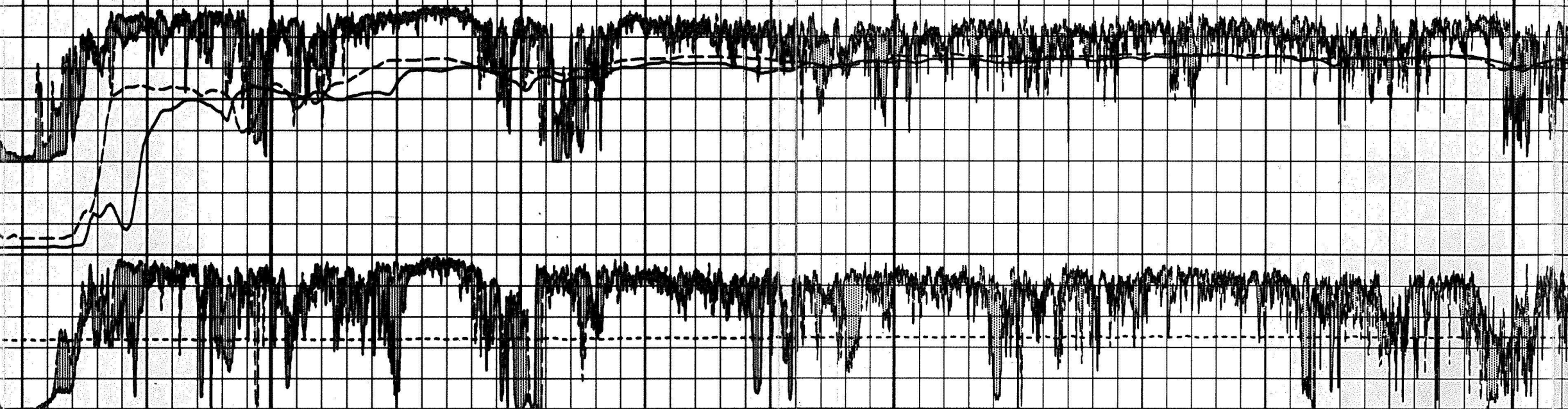
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Gamma Ray  
BACK-UP!

Gamma Ray

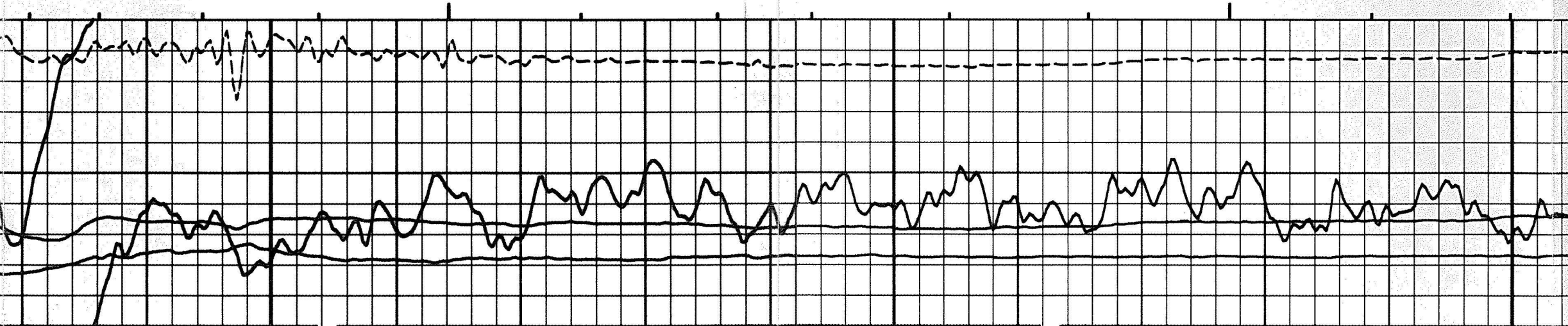
6-01-79 074031e

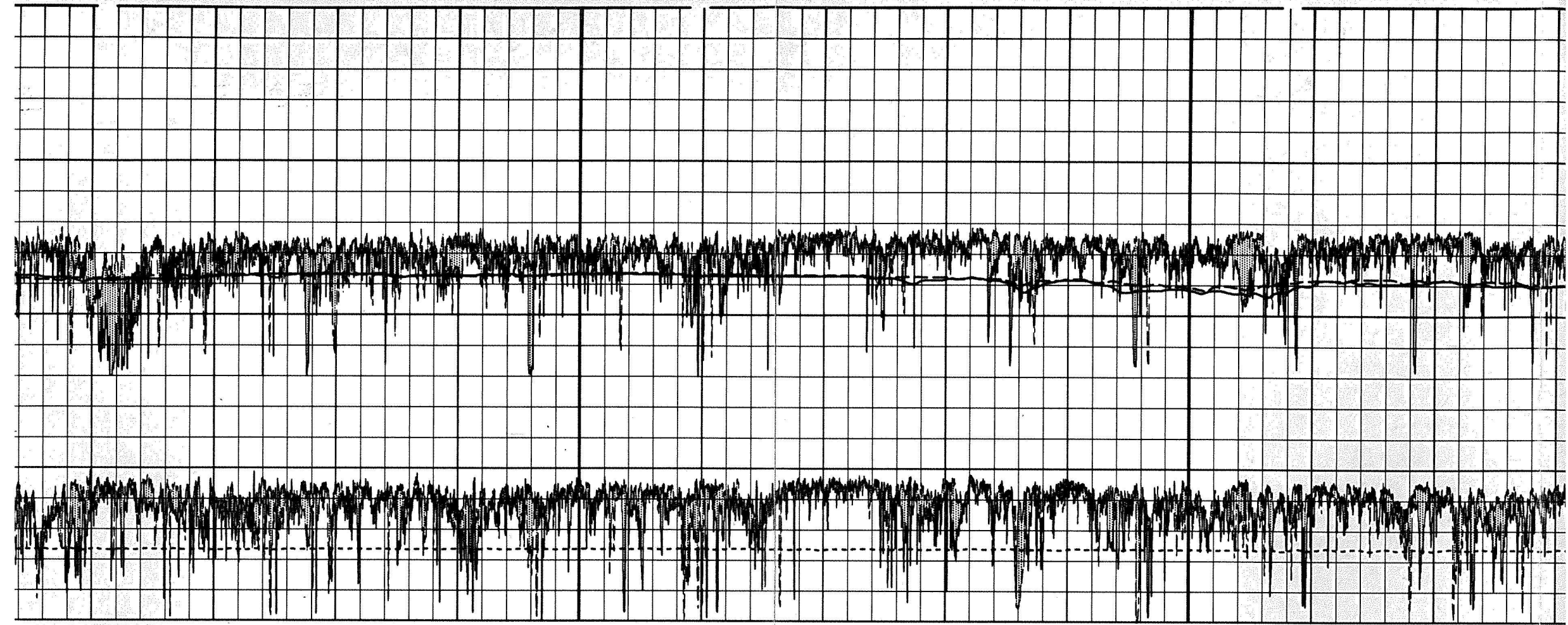


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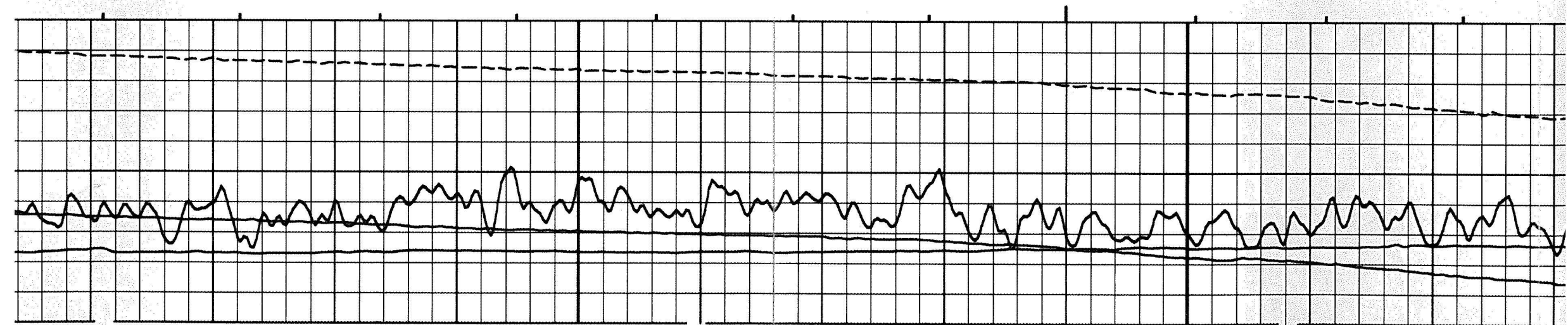
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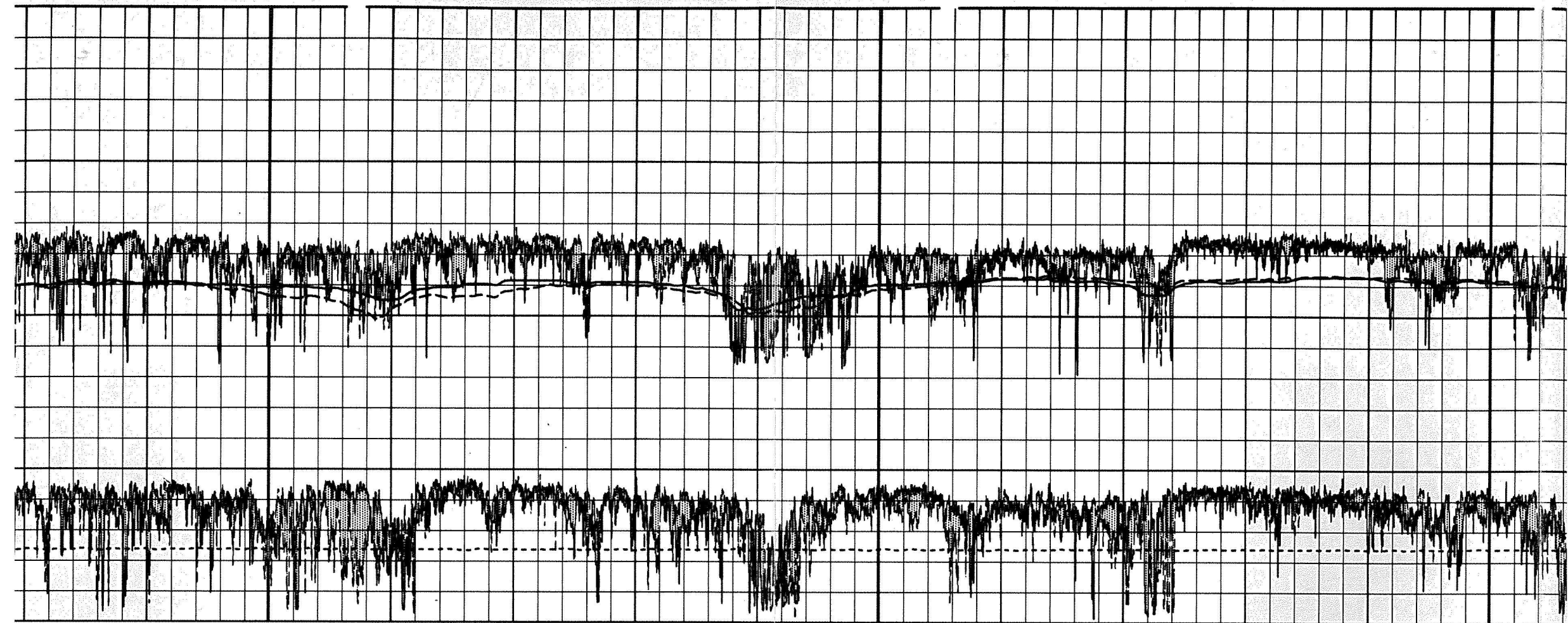




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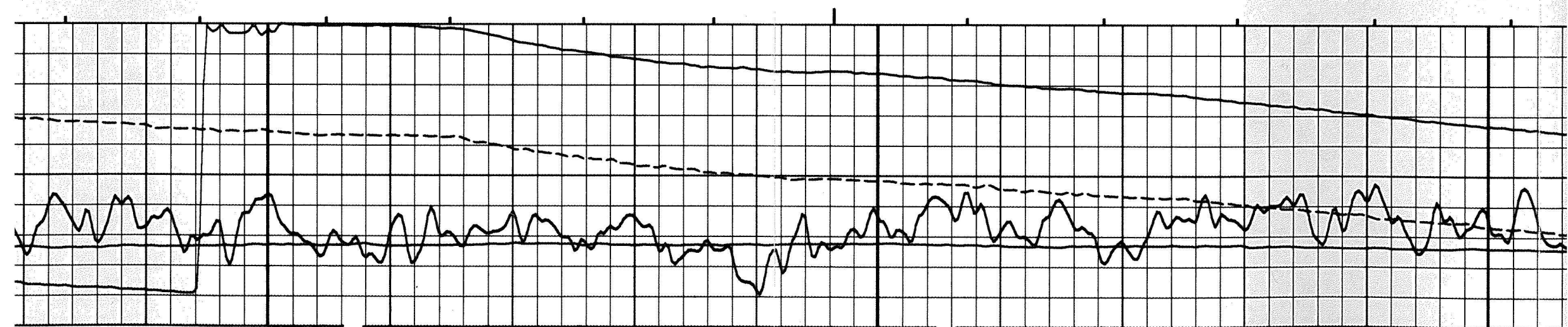


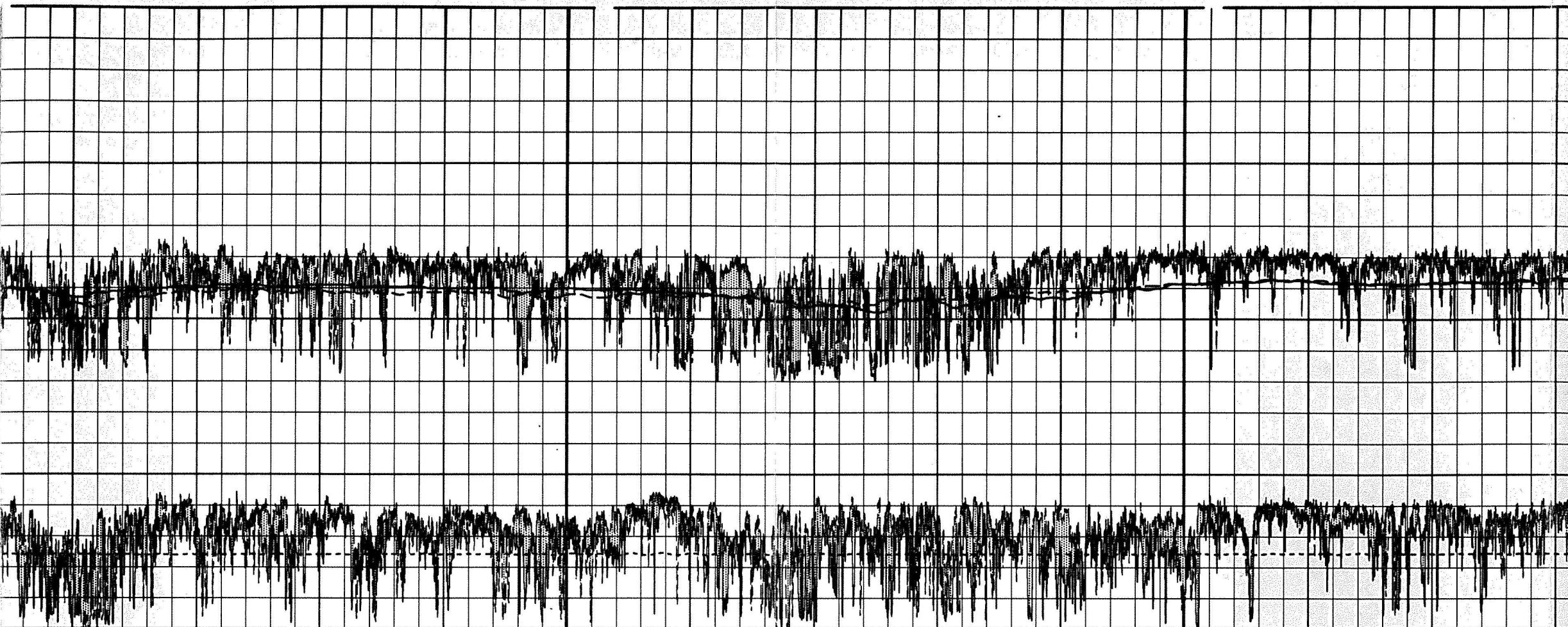


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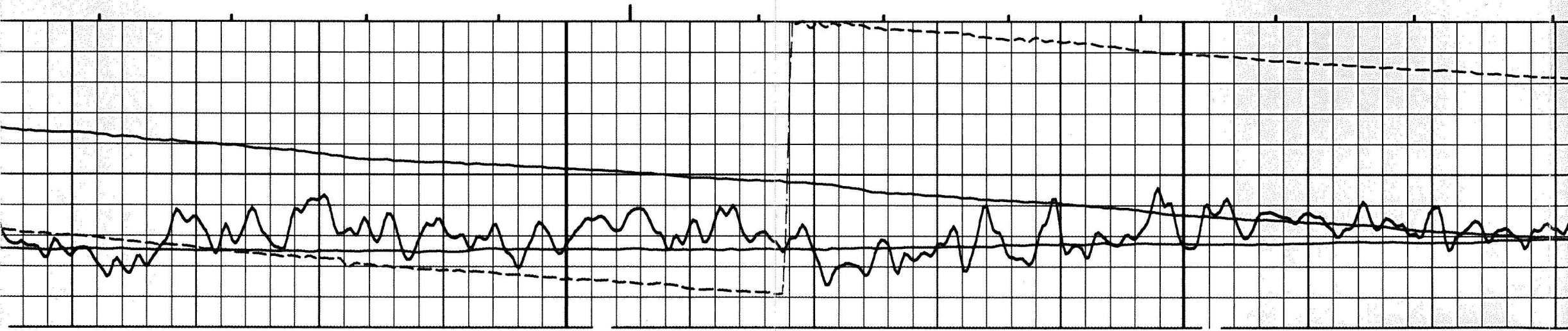
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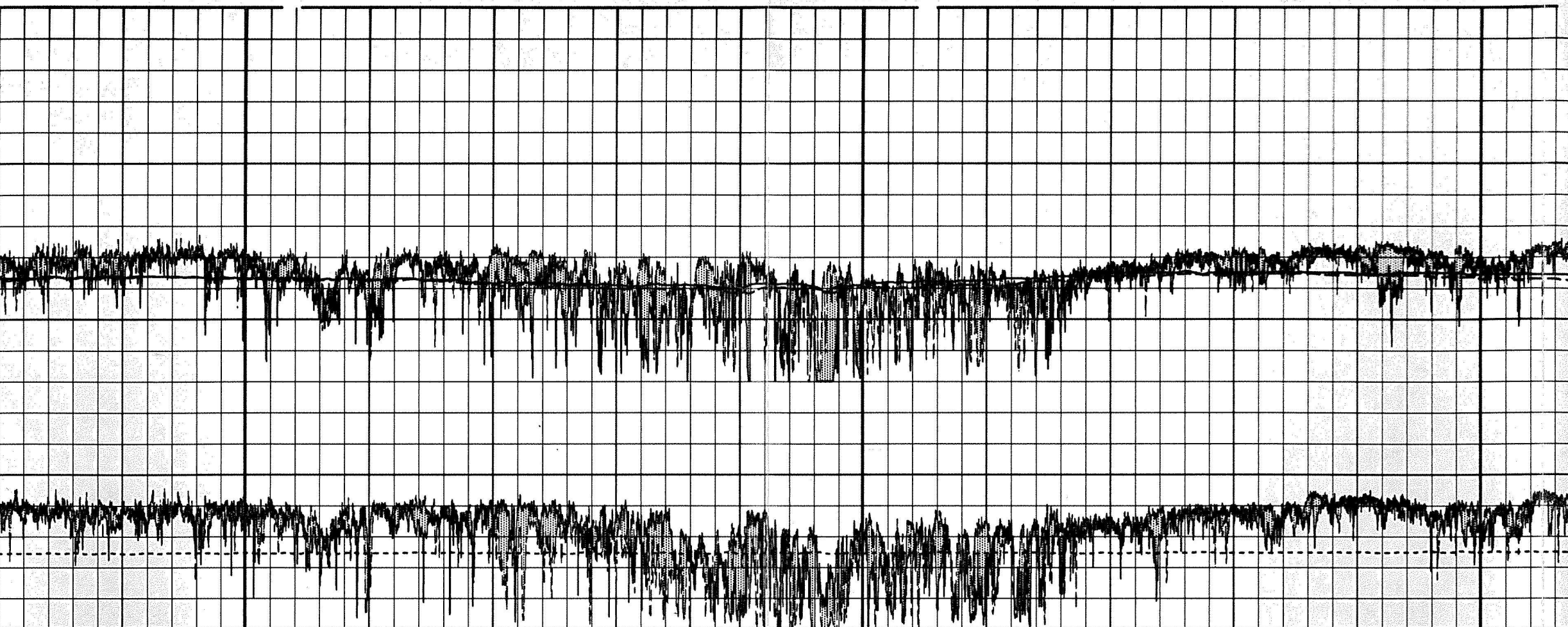


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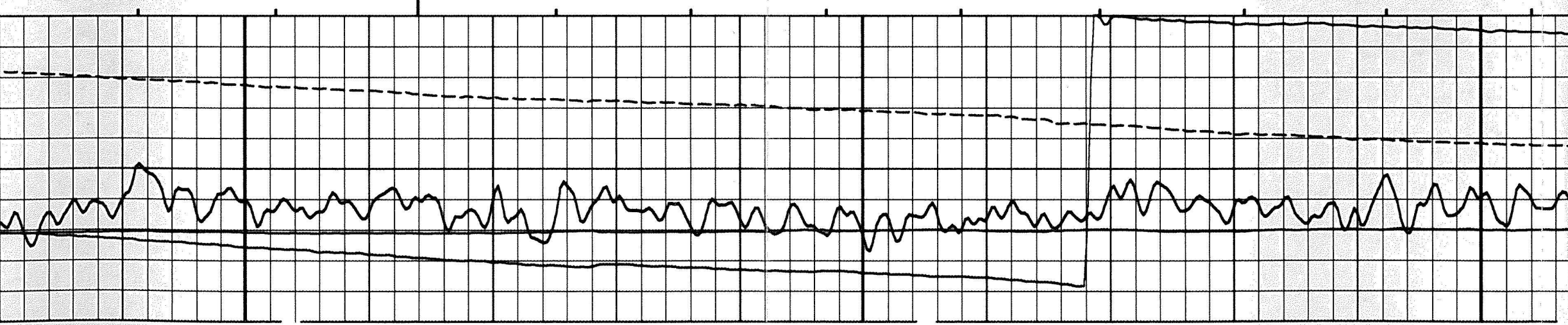


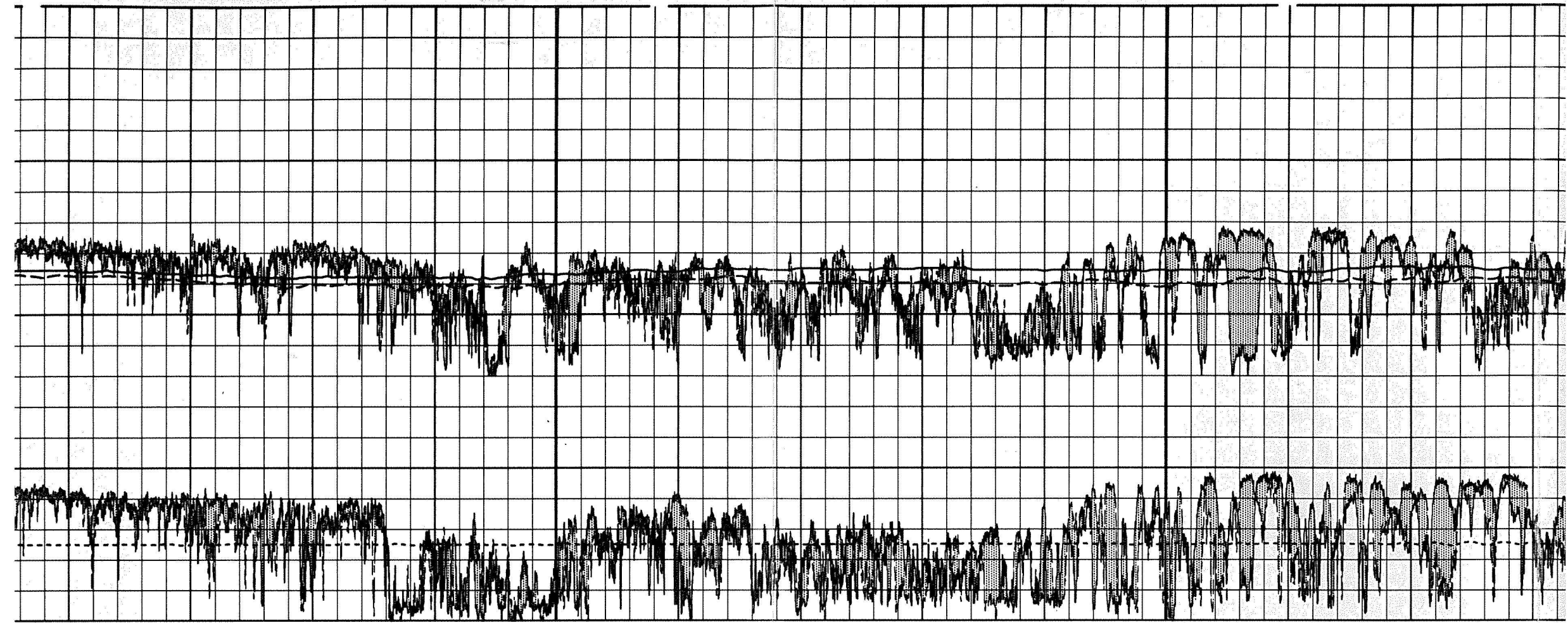


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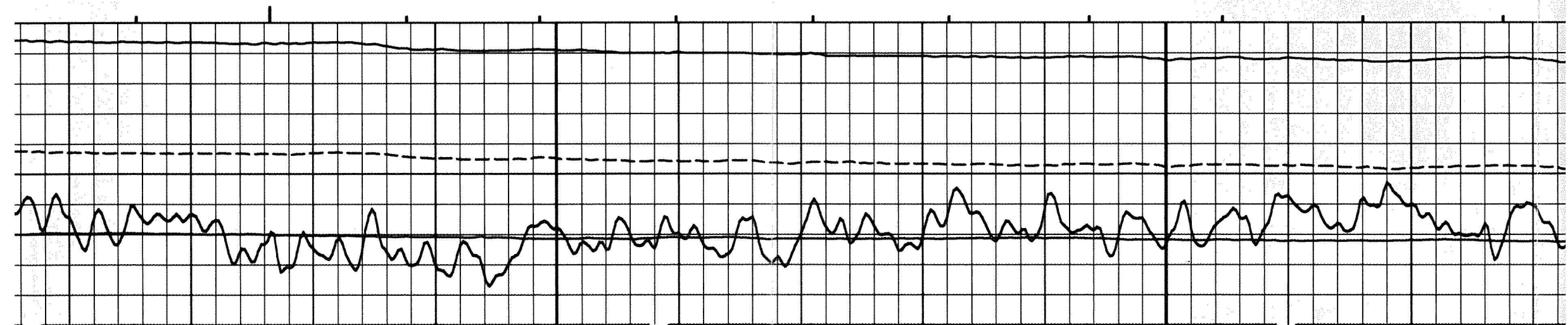
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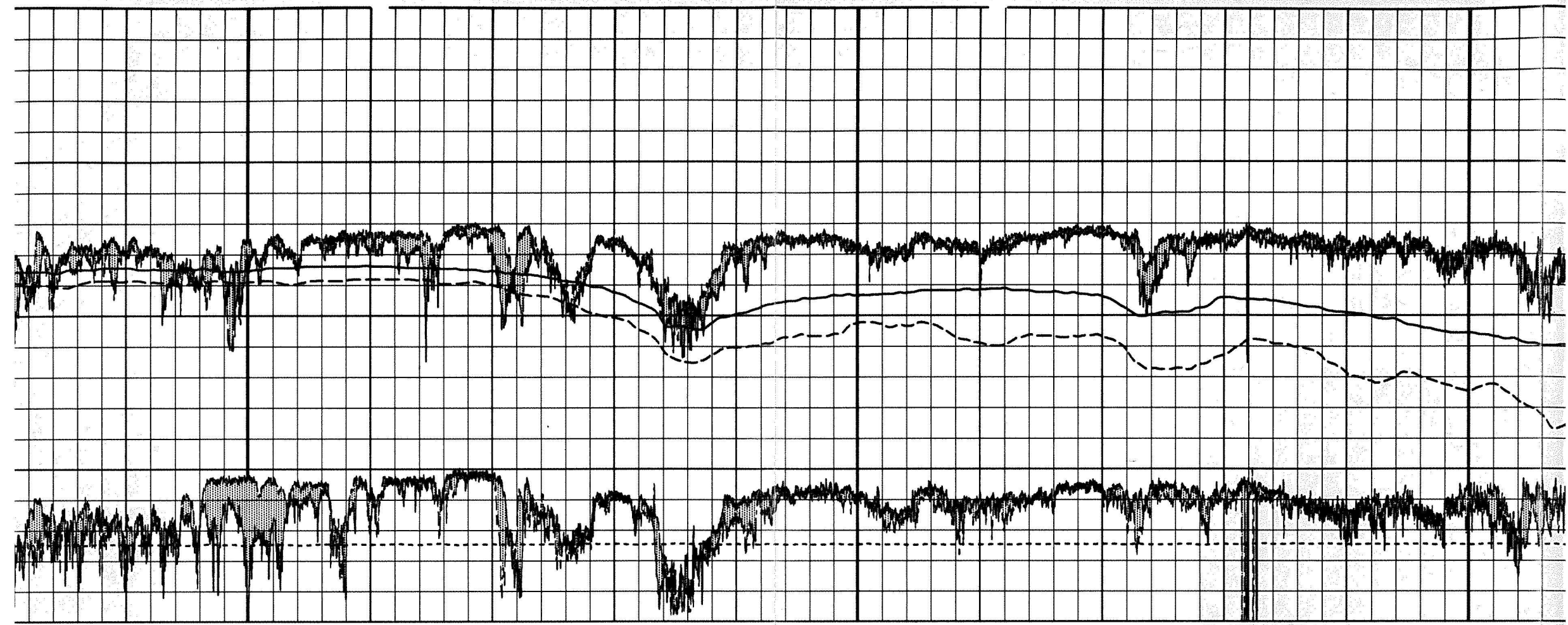




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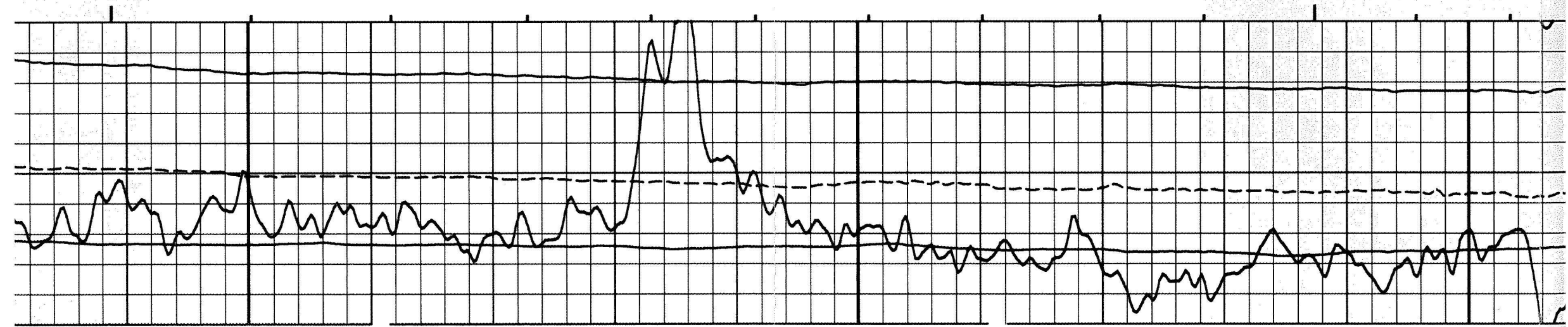


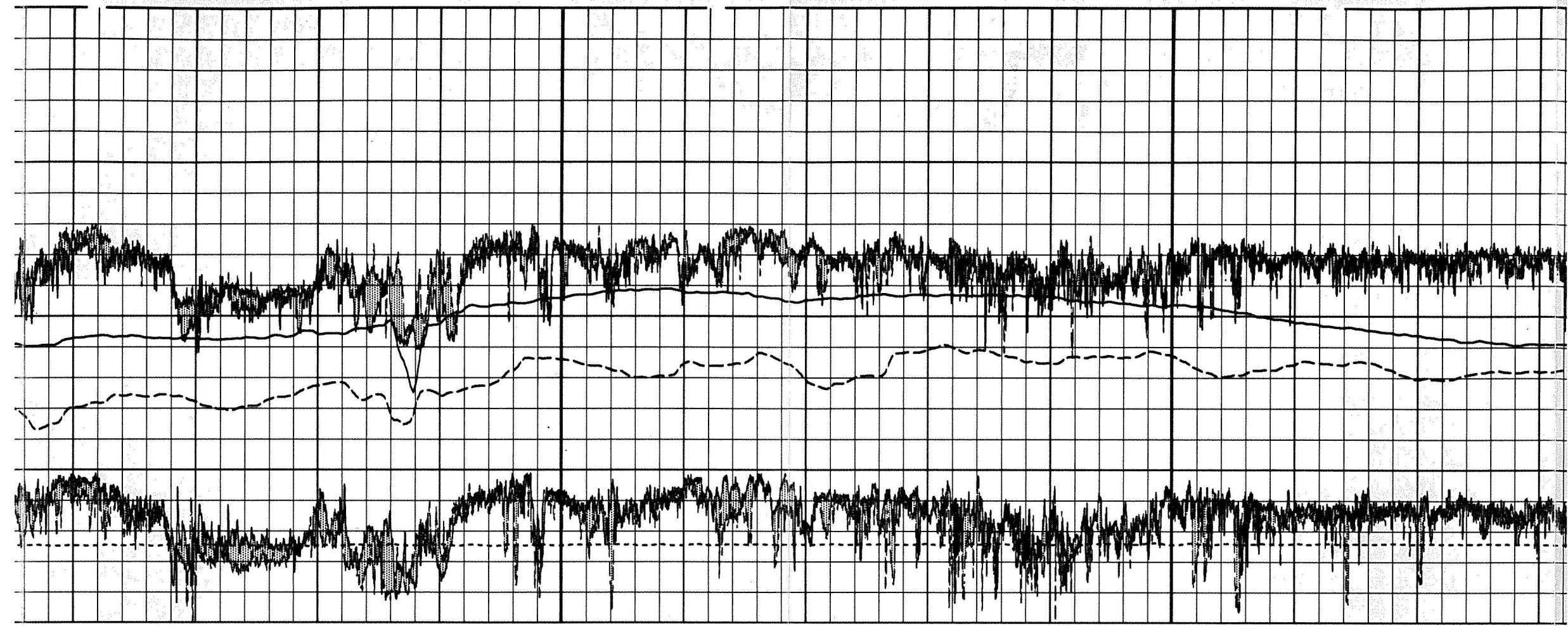


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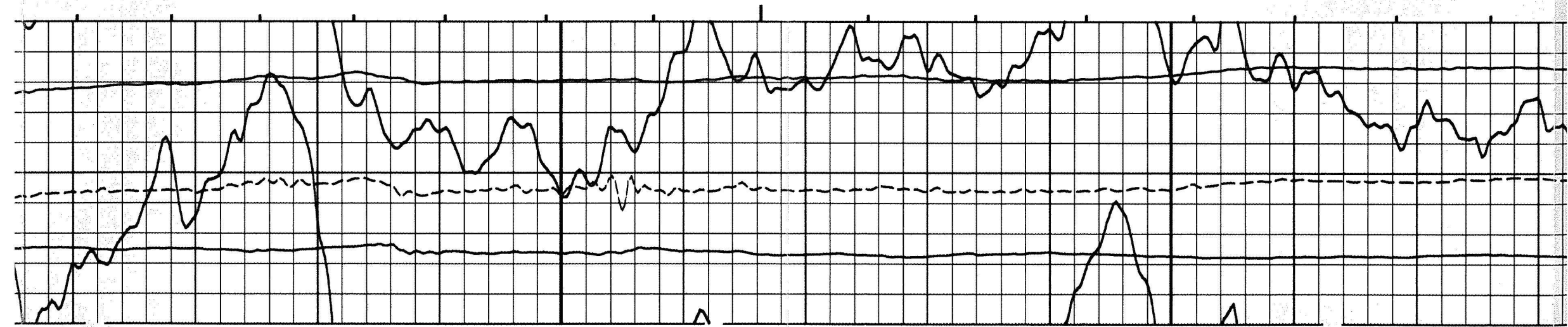
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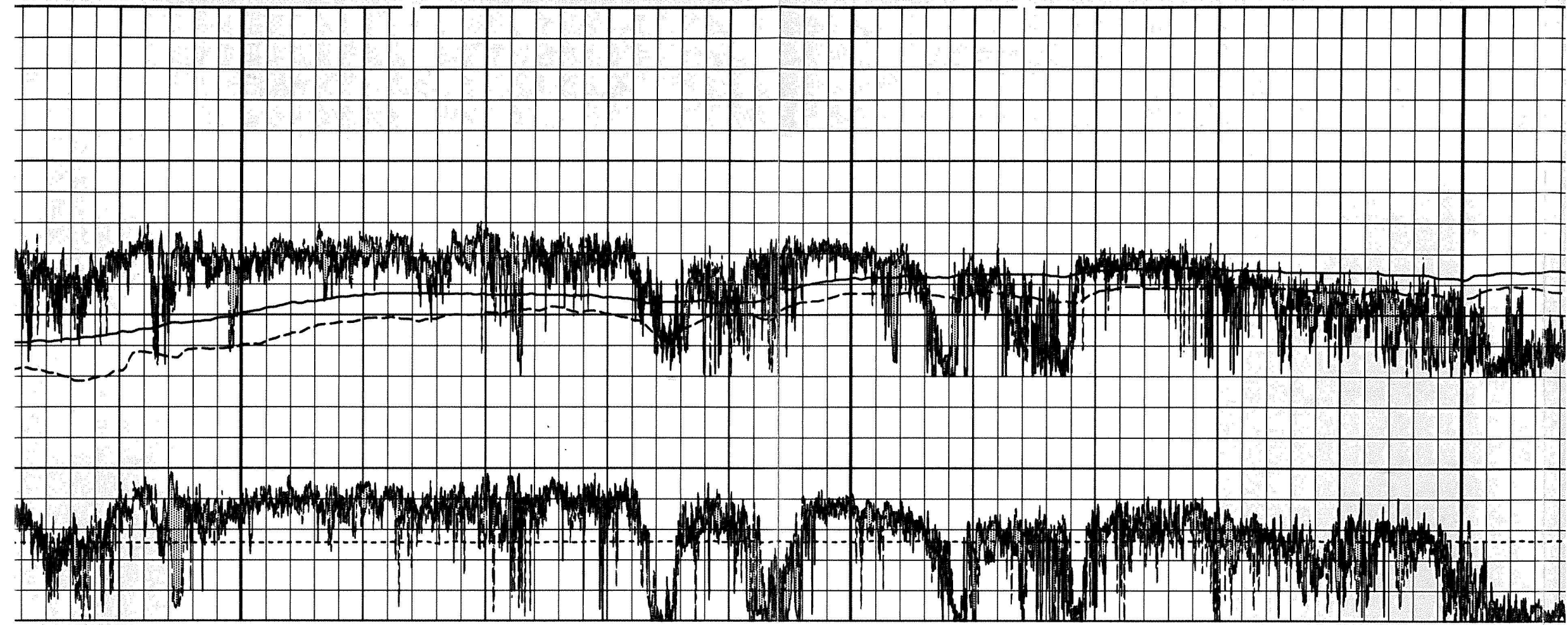




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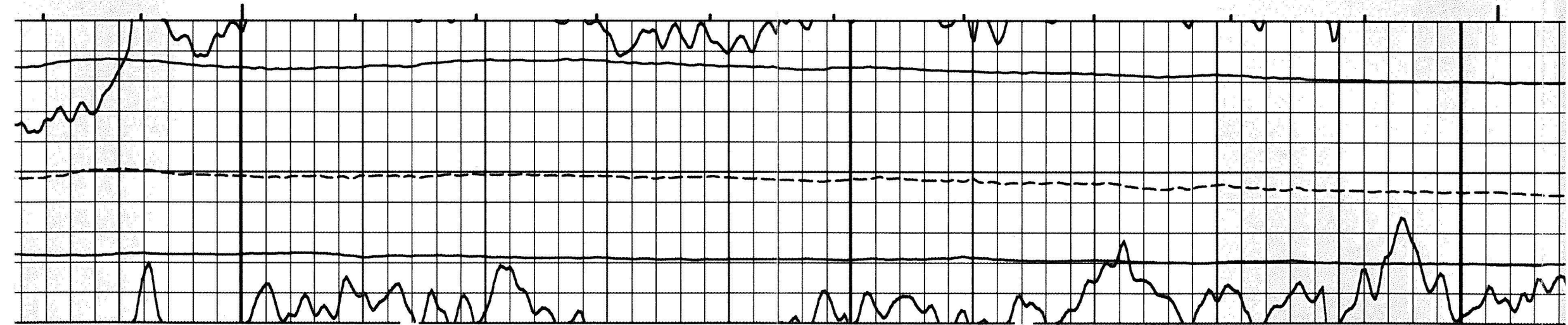


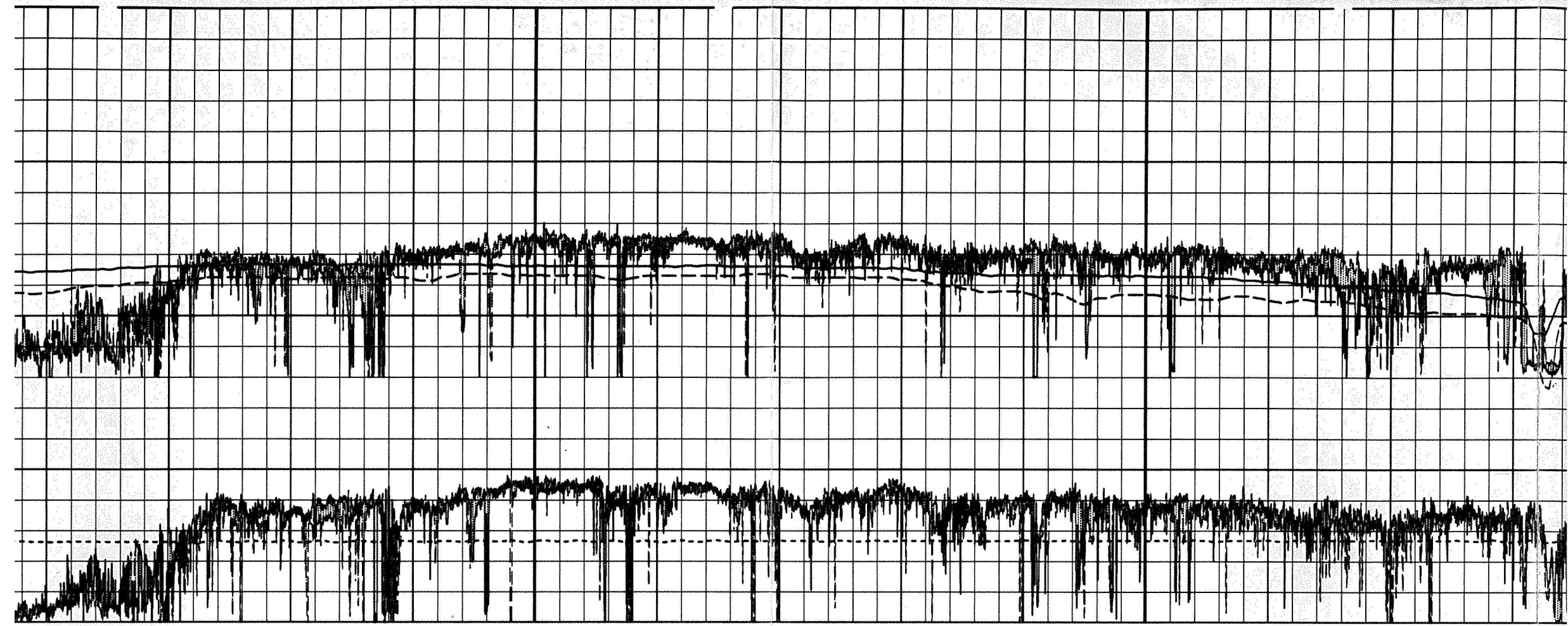


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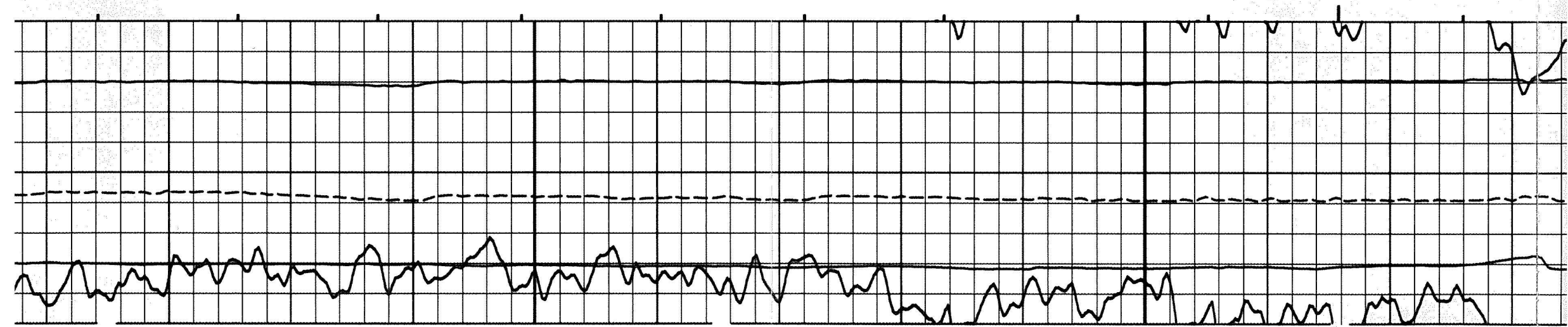
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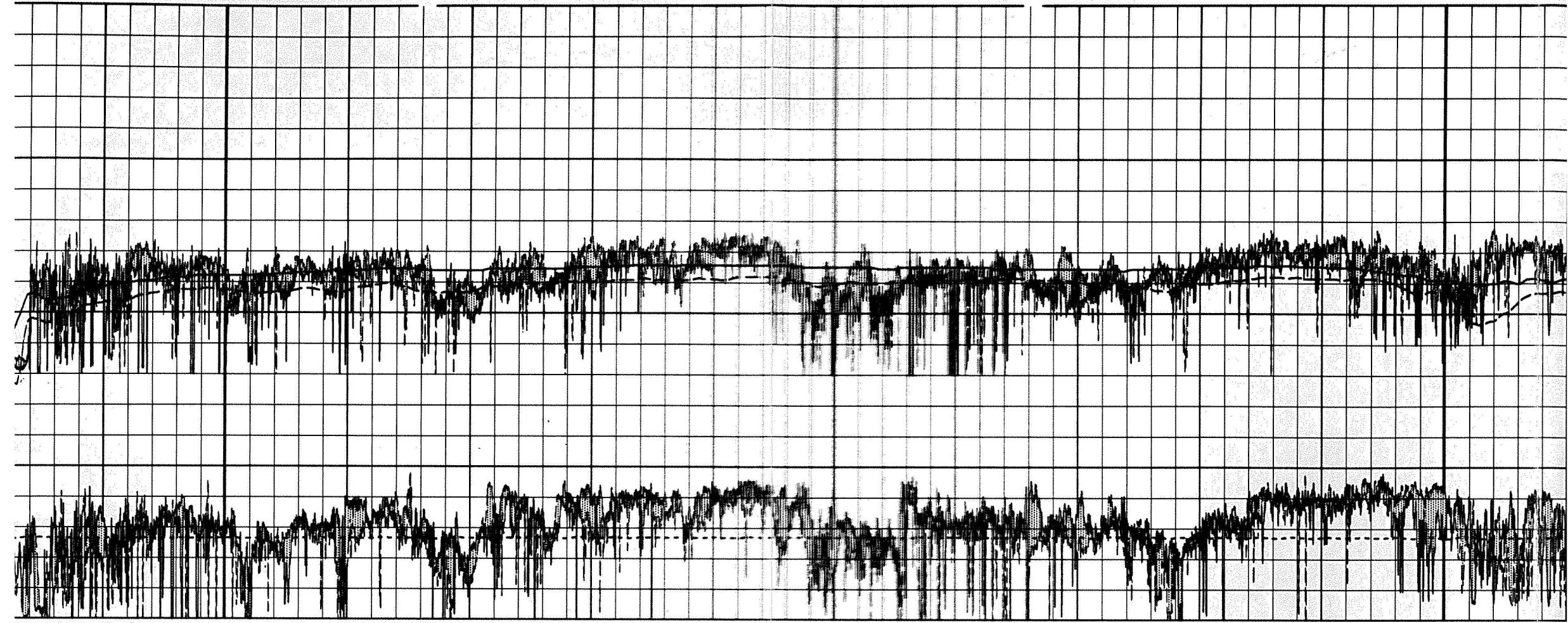




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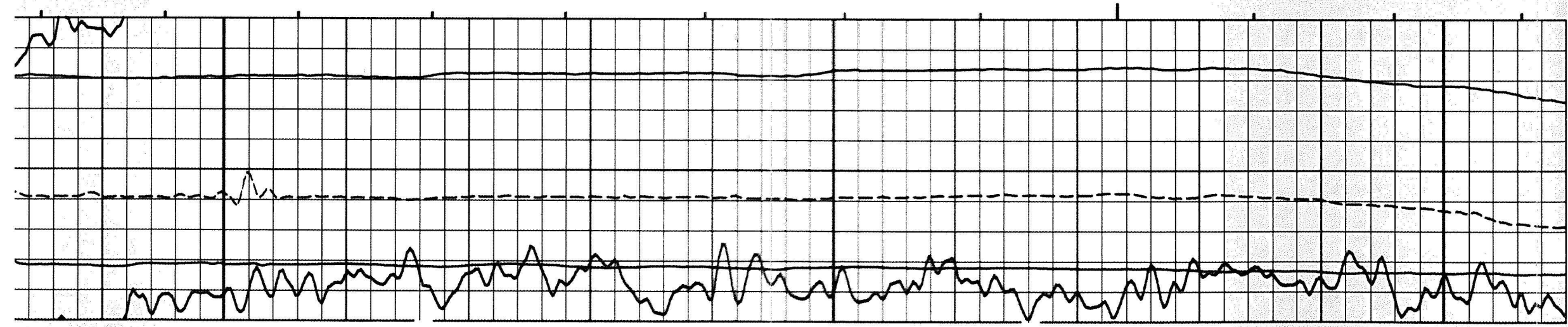


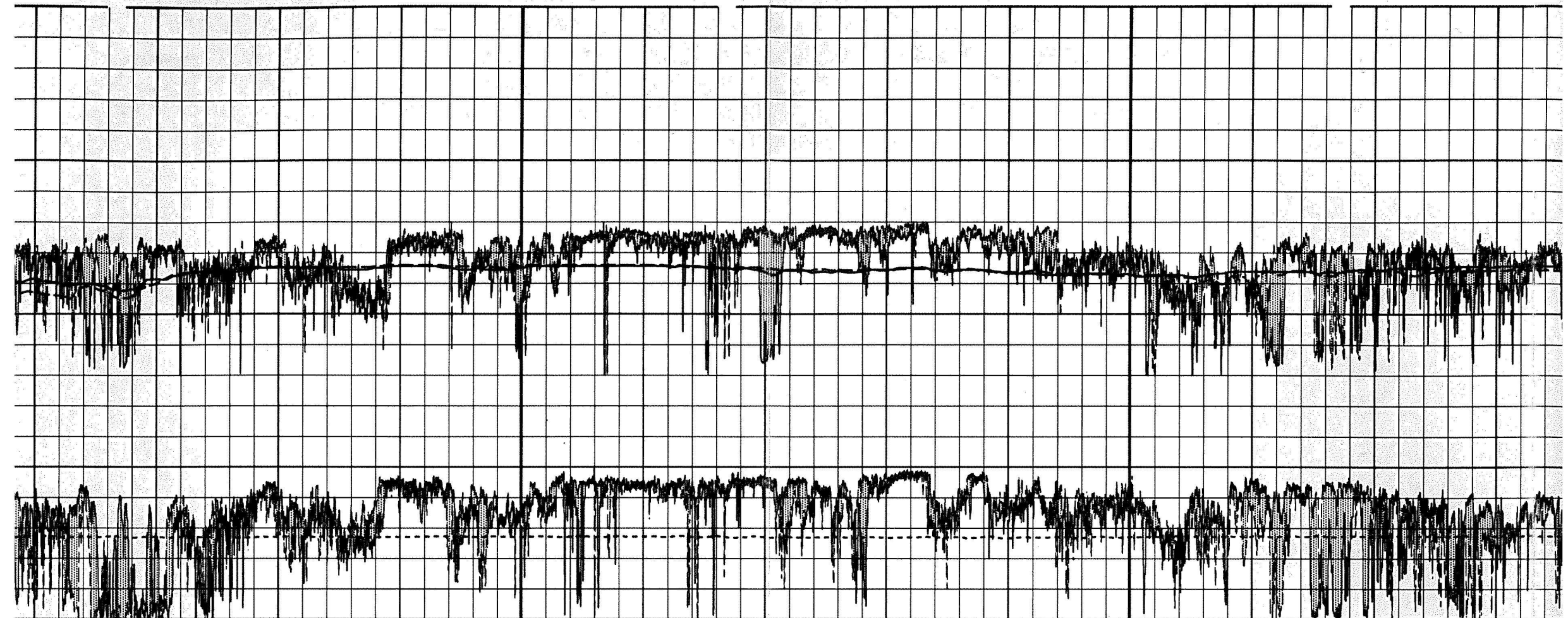


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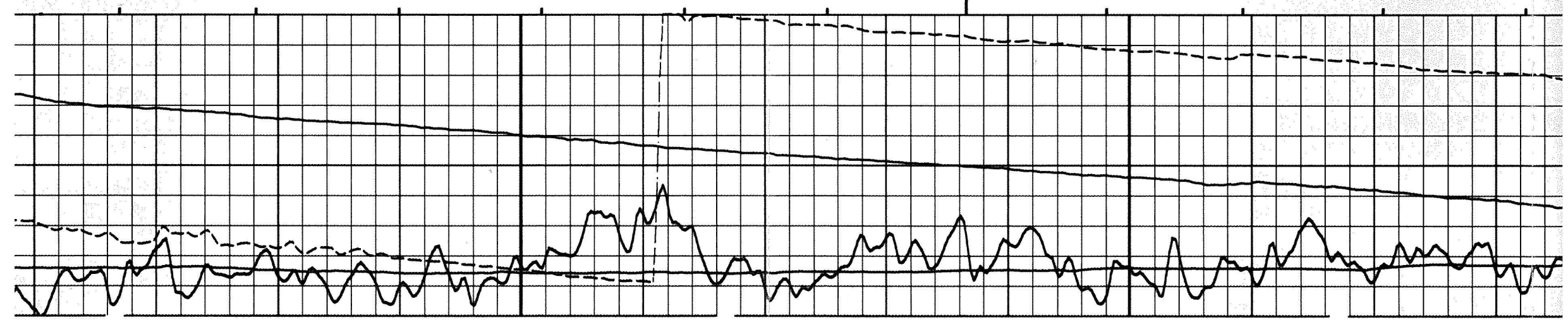
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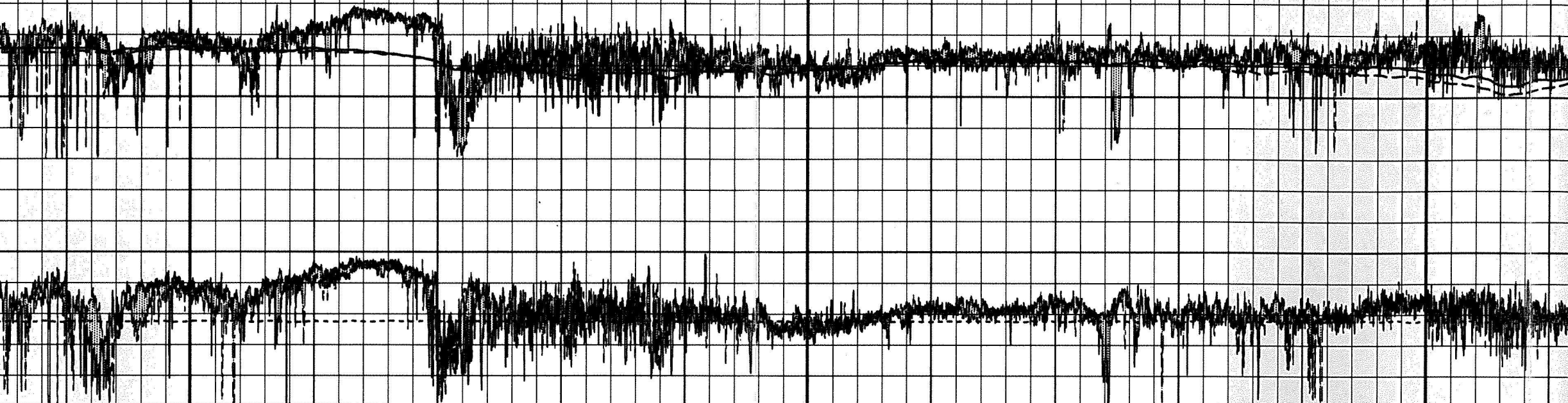
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6-01-79

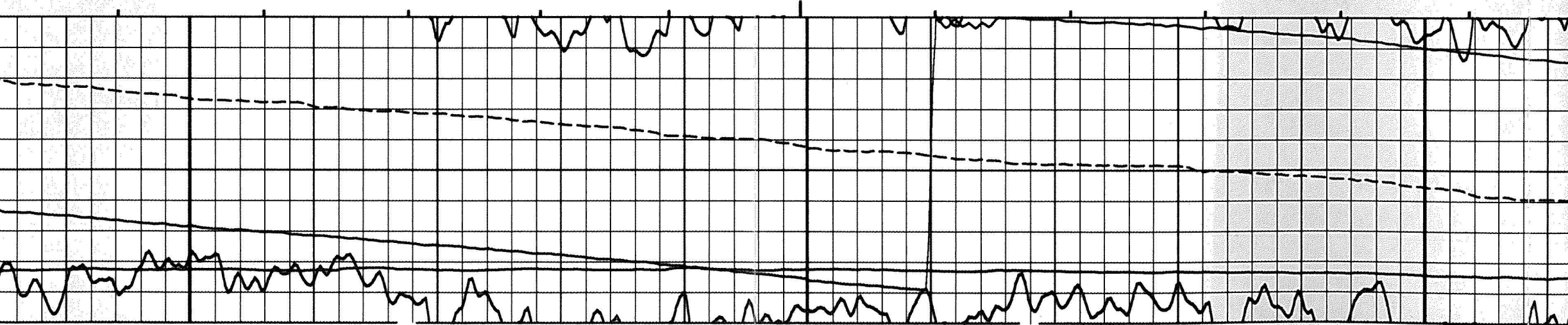
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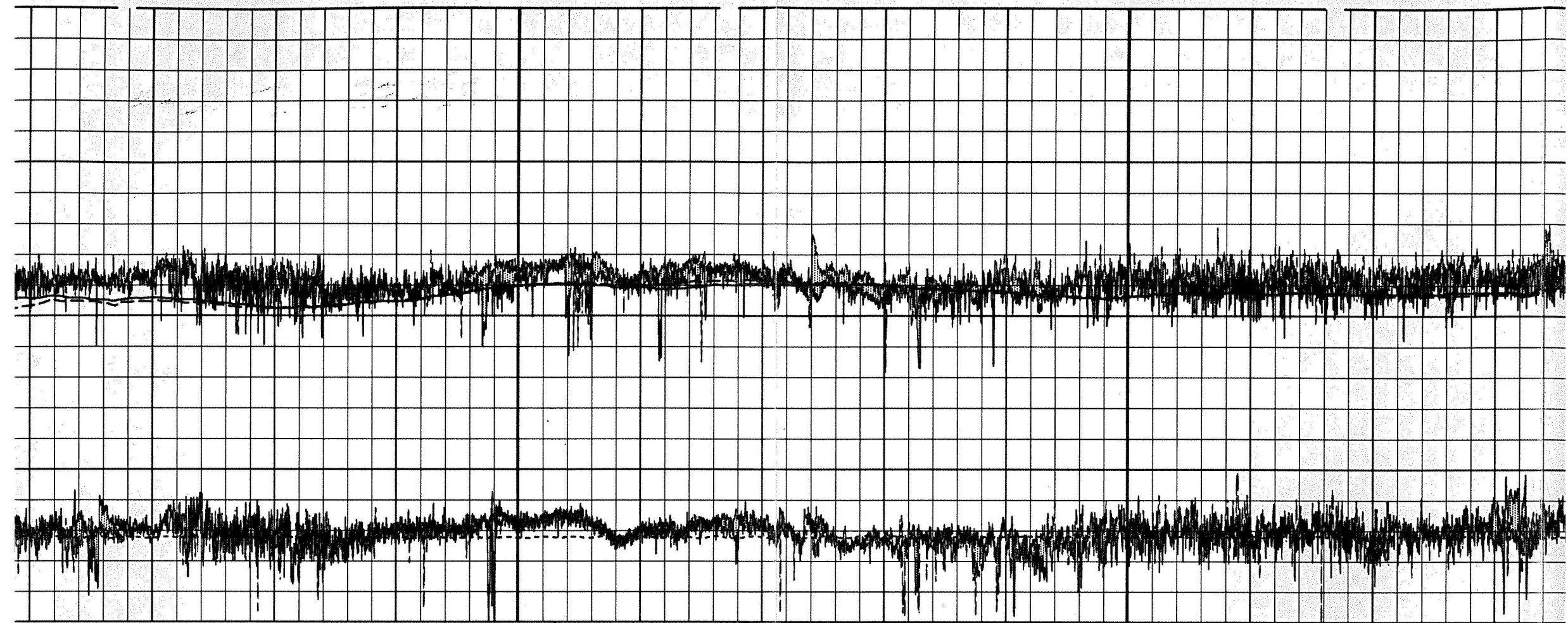


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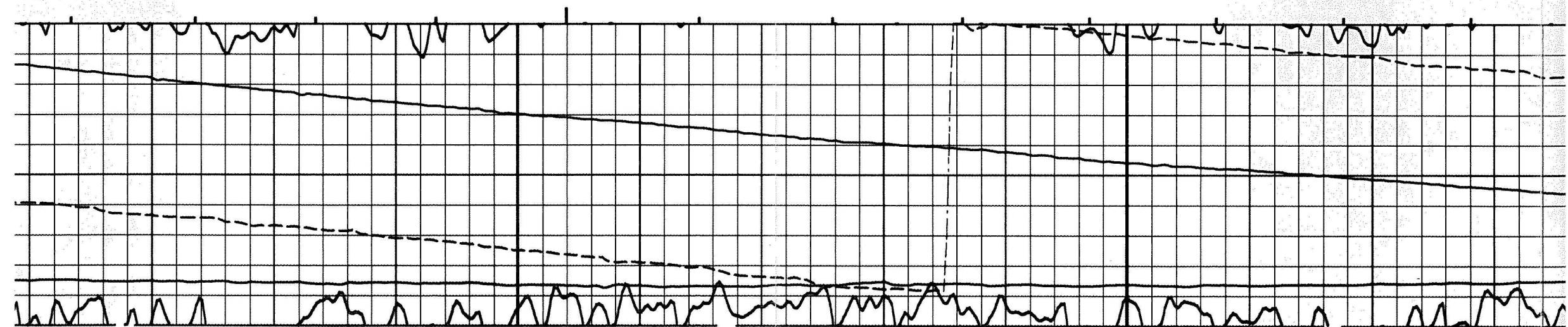
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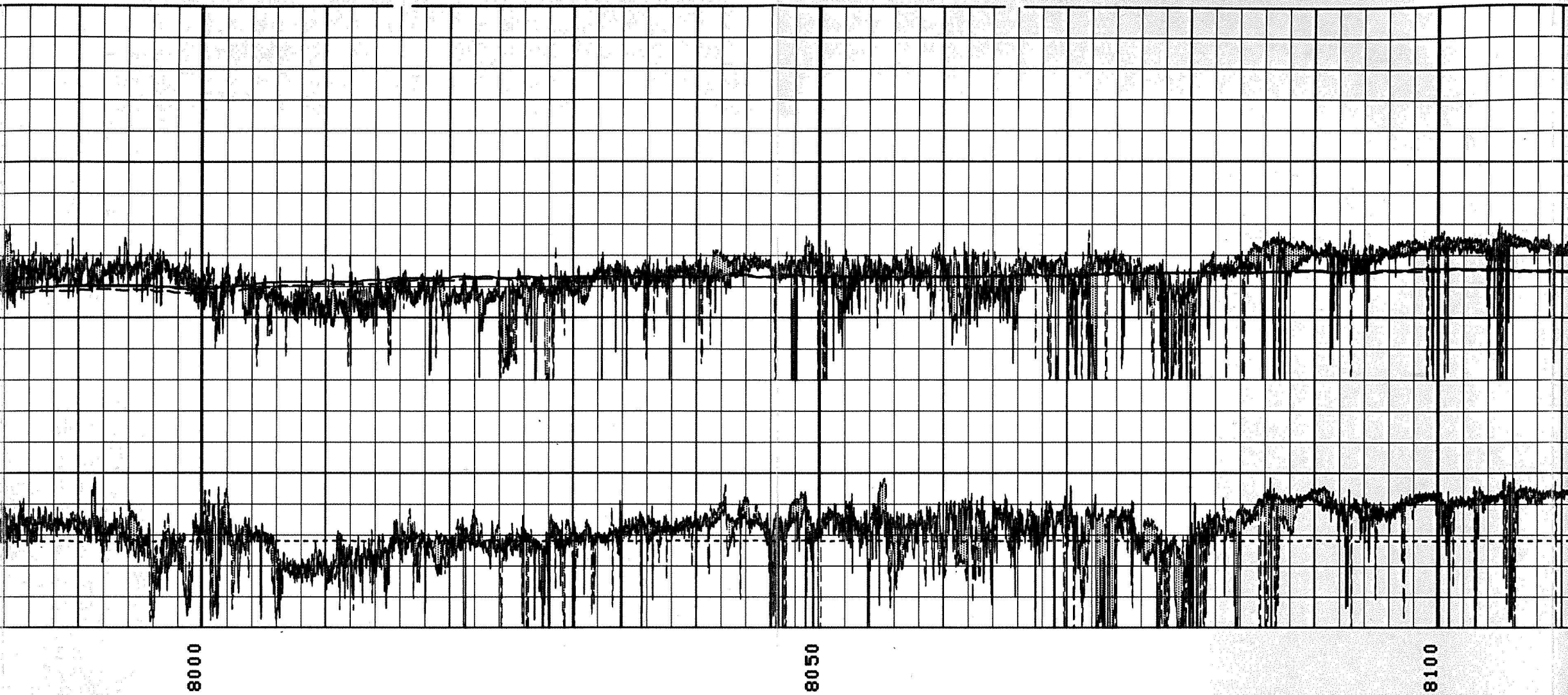




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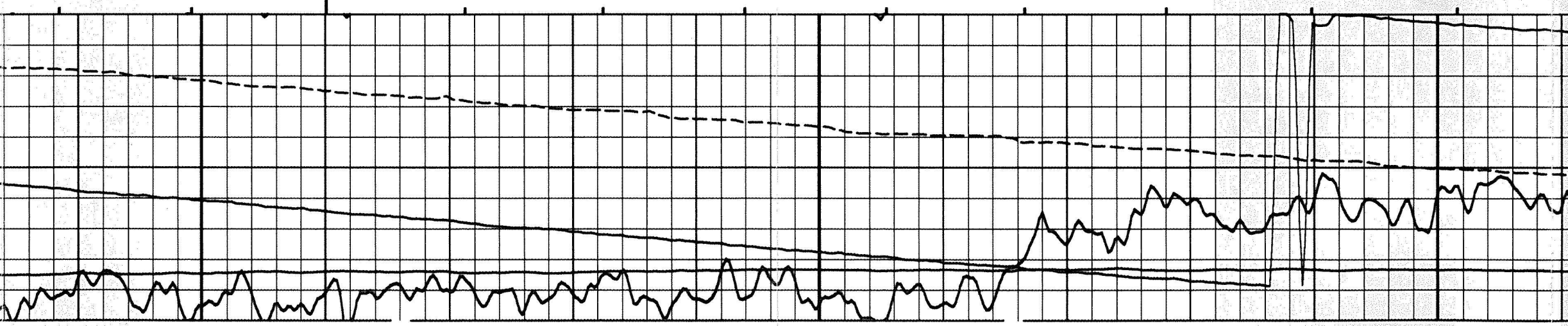


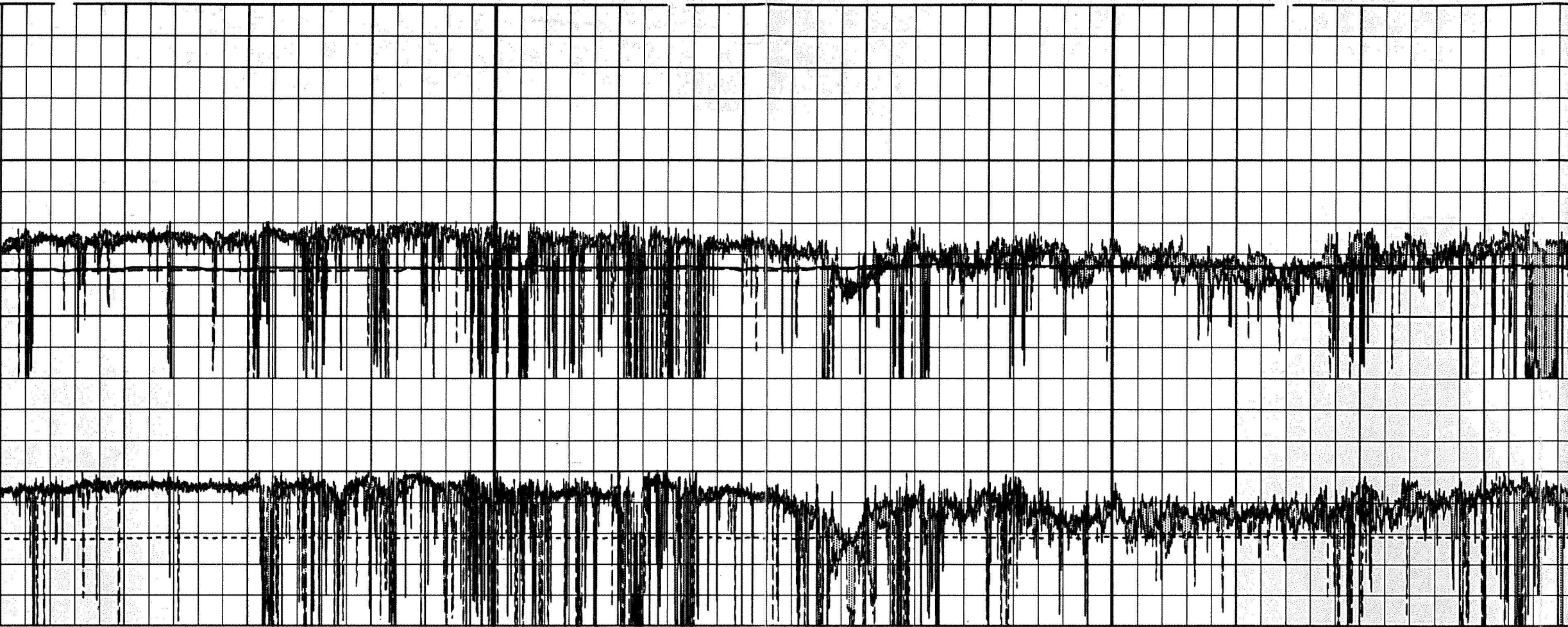


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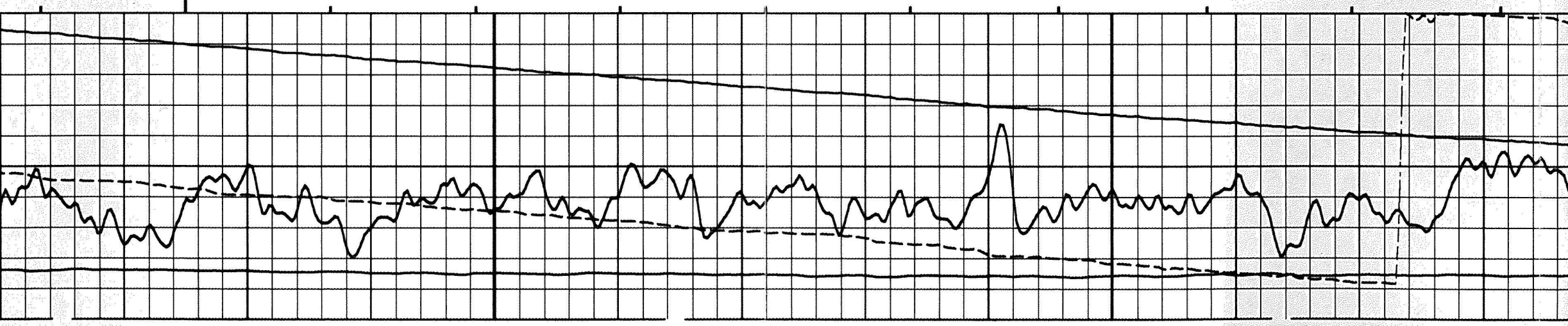
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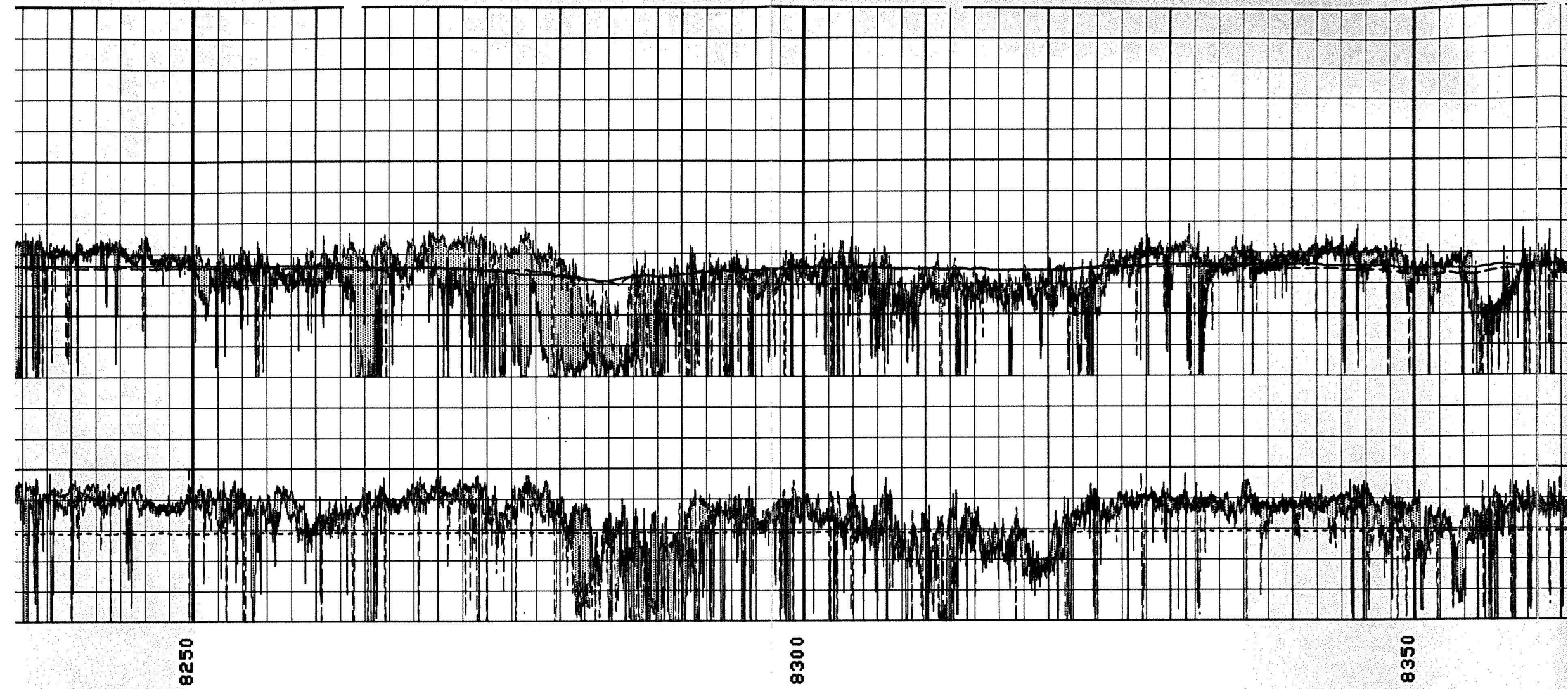




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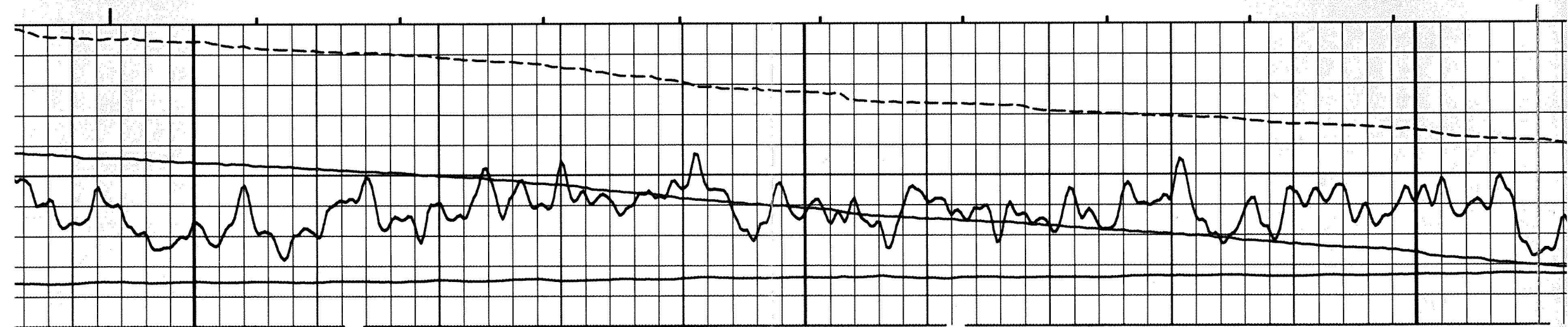


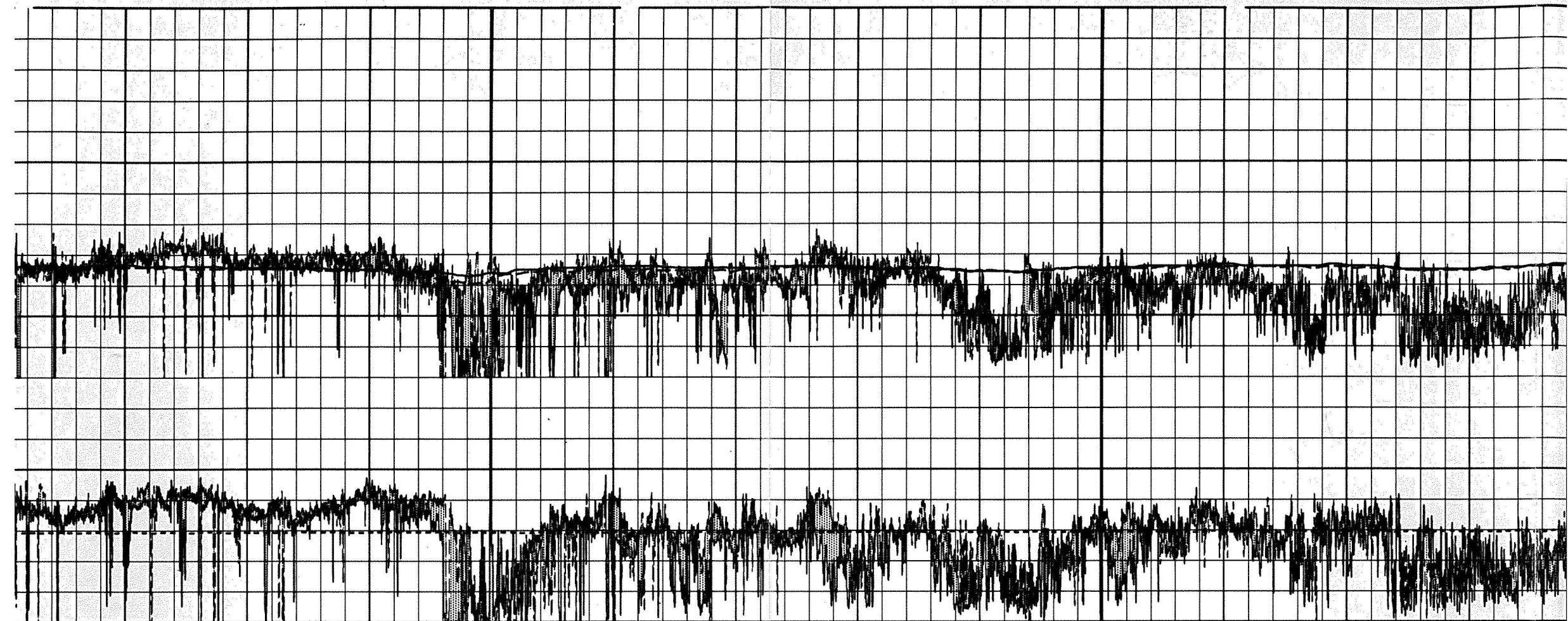


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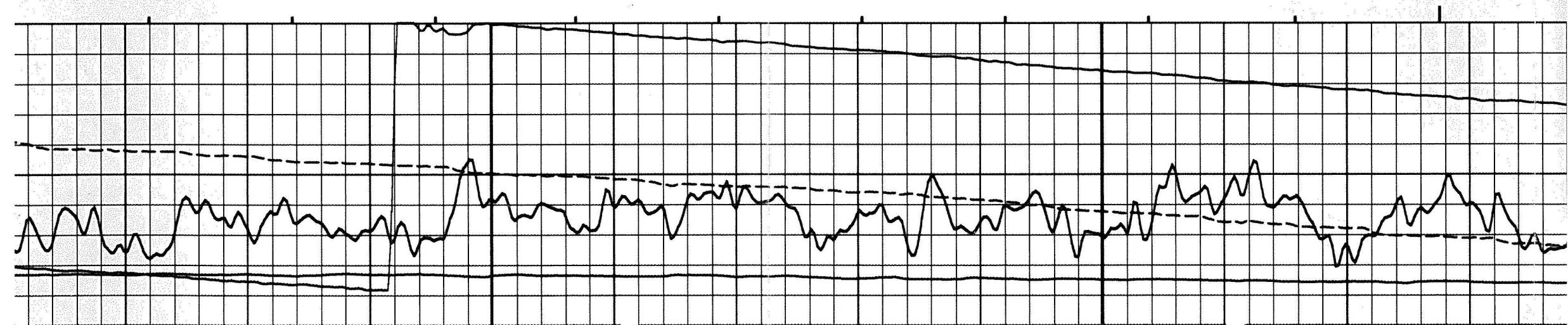
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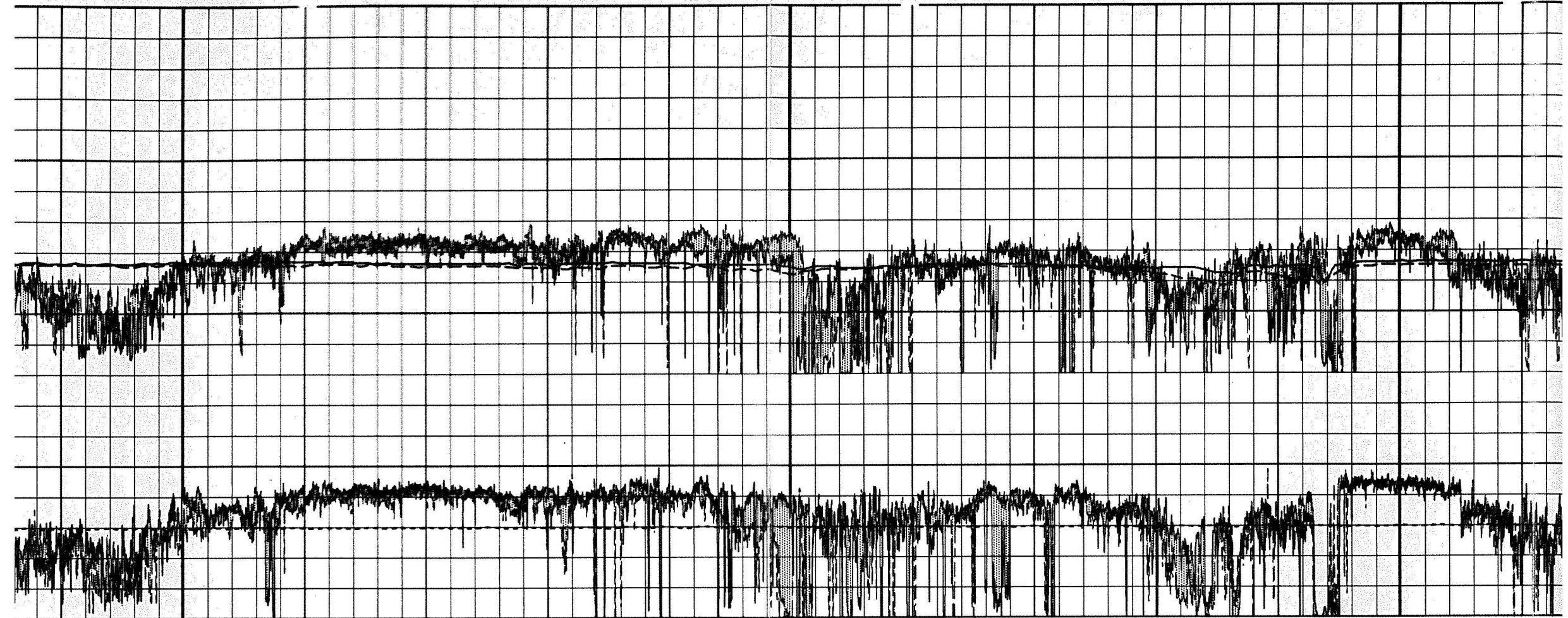




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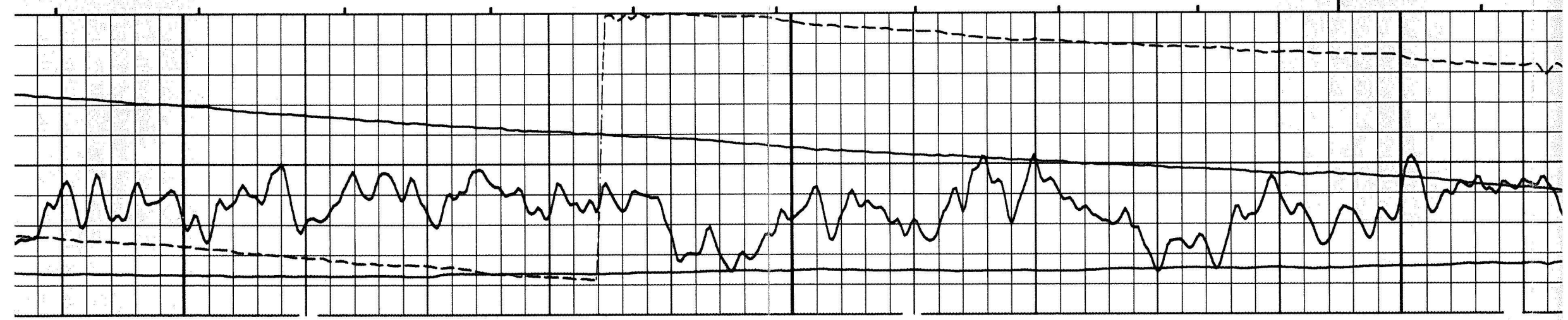


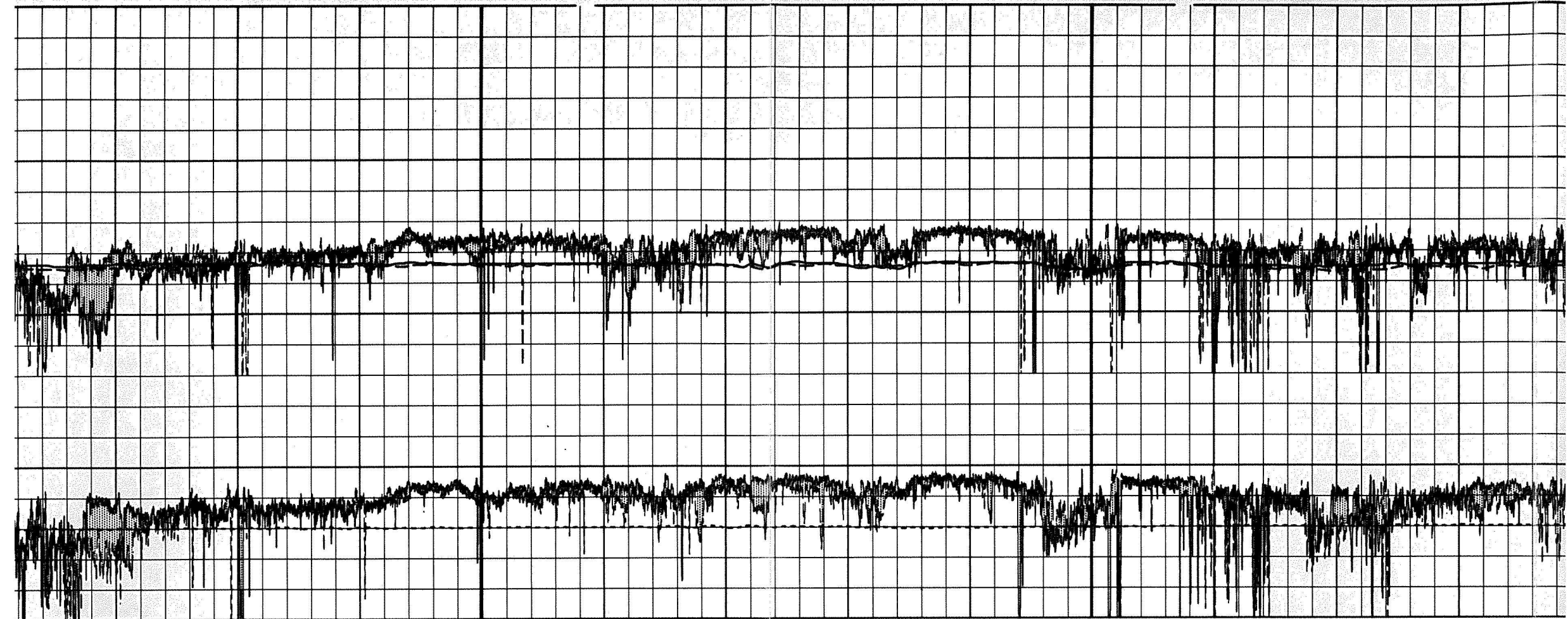


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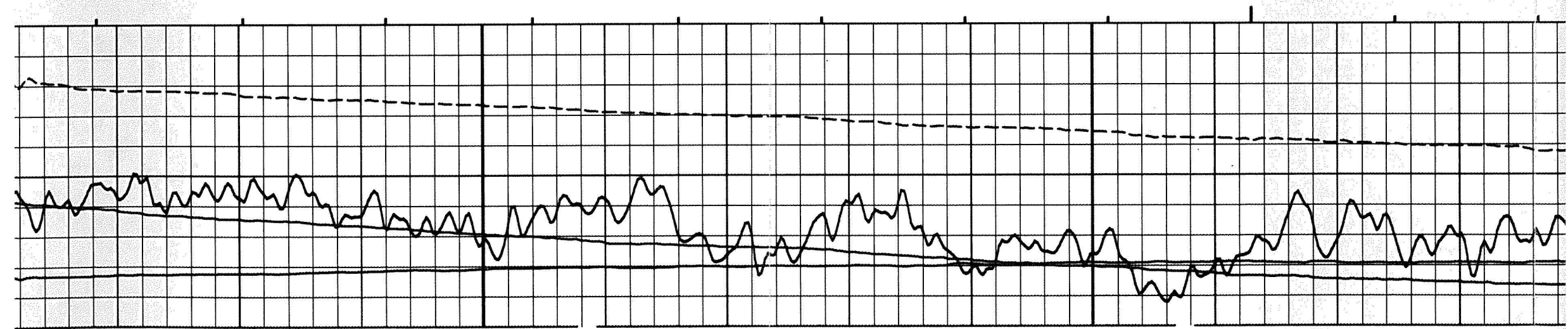
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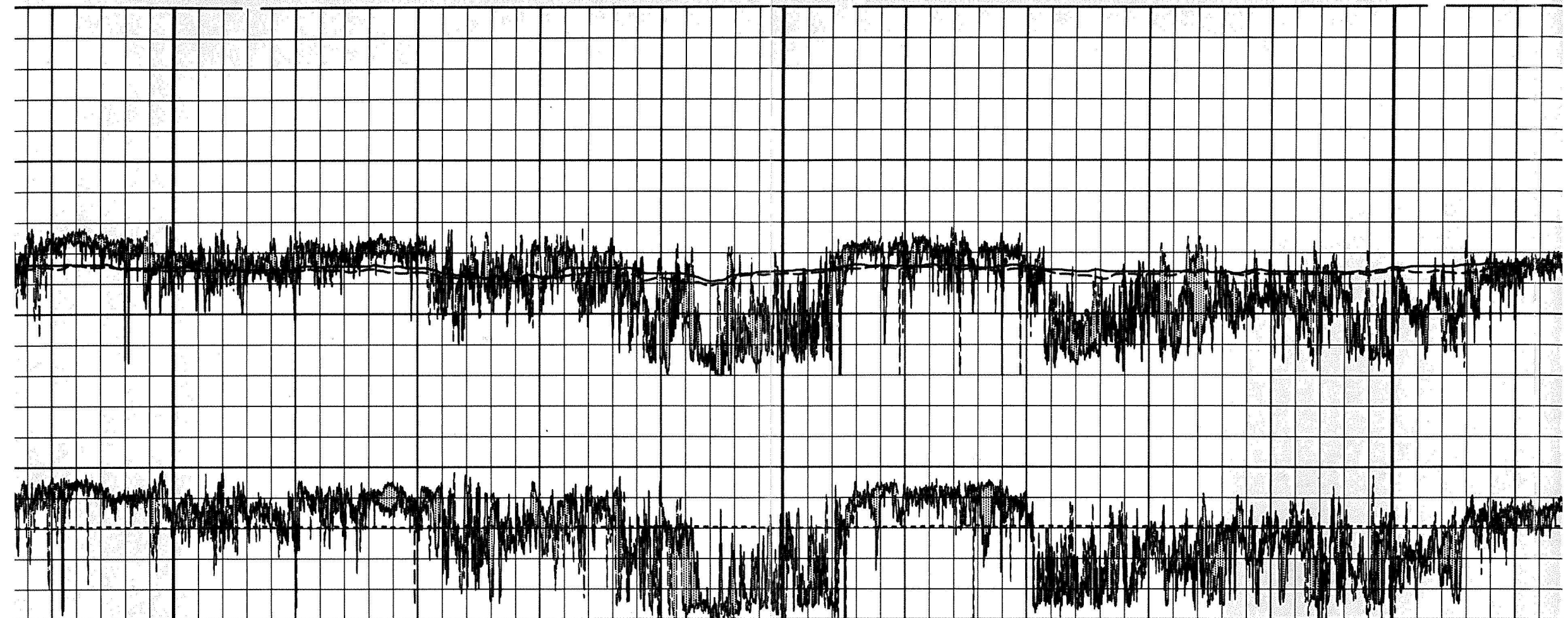


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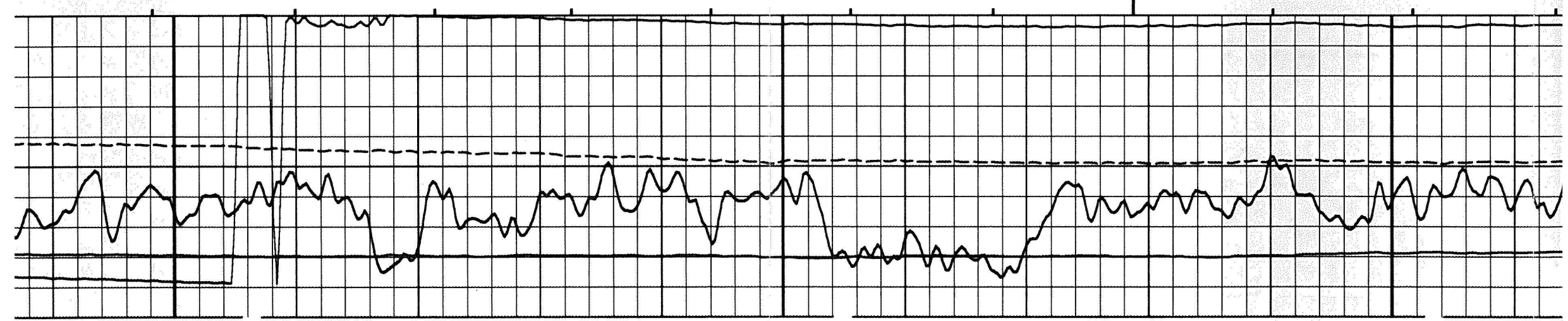


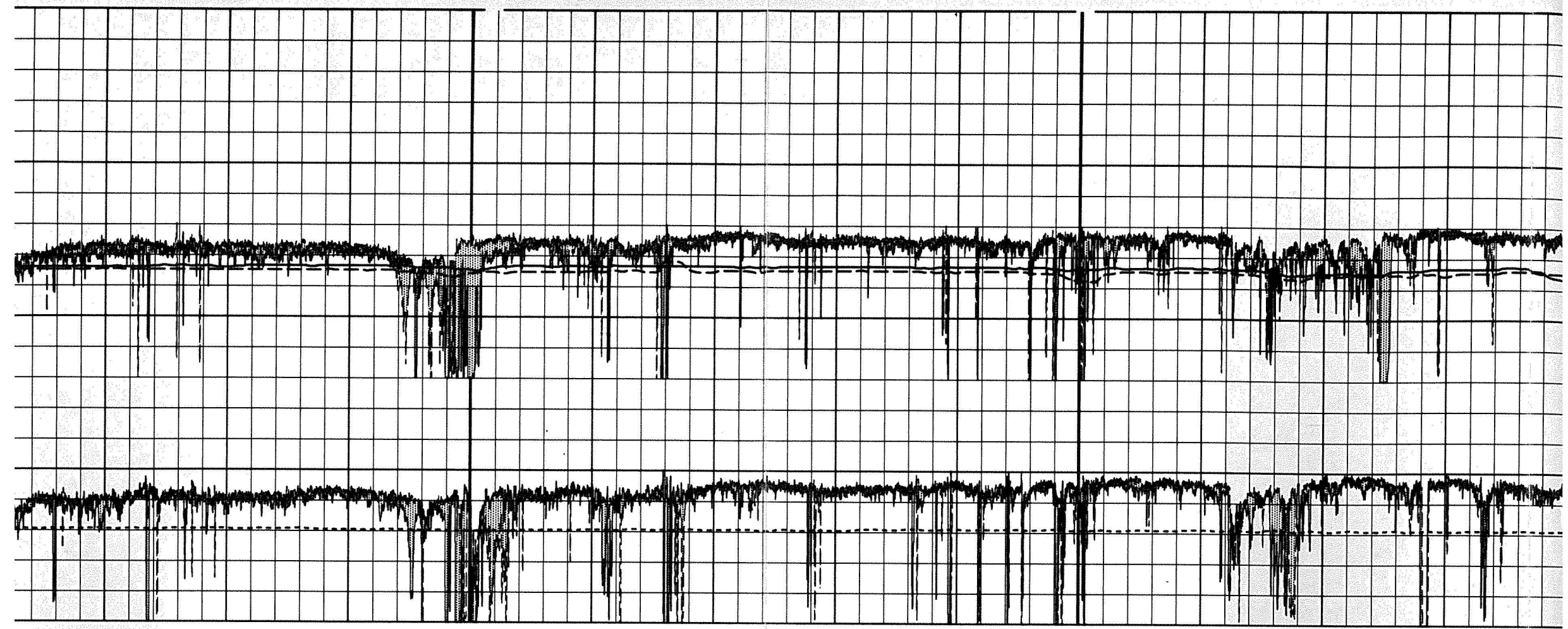


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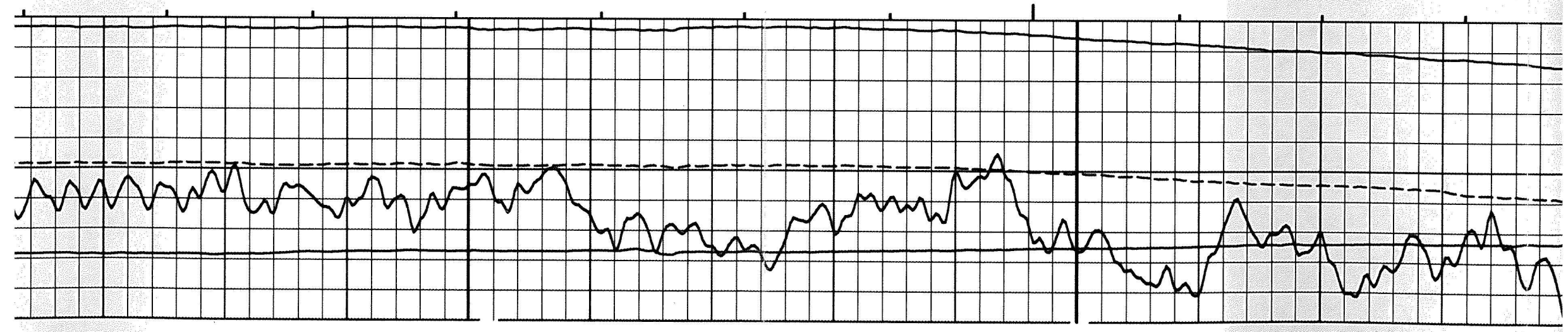
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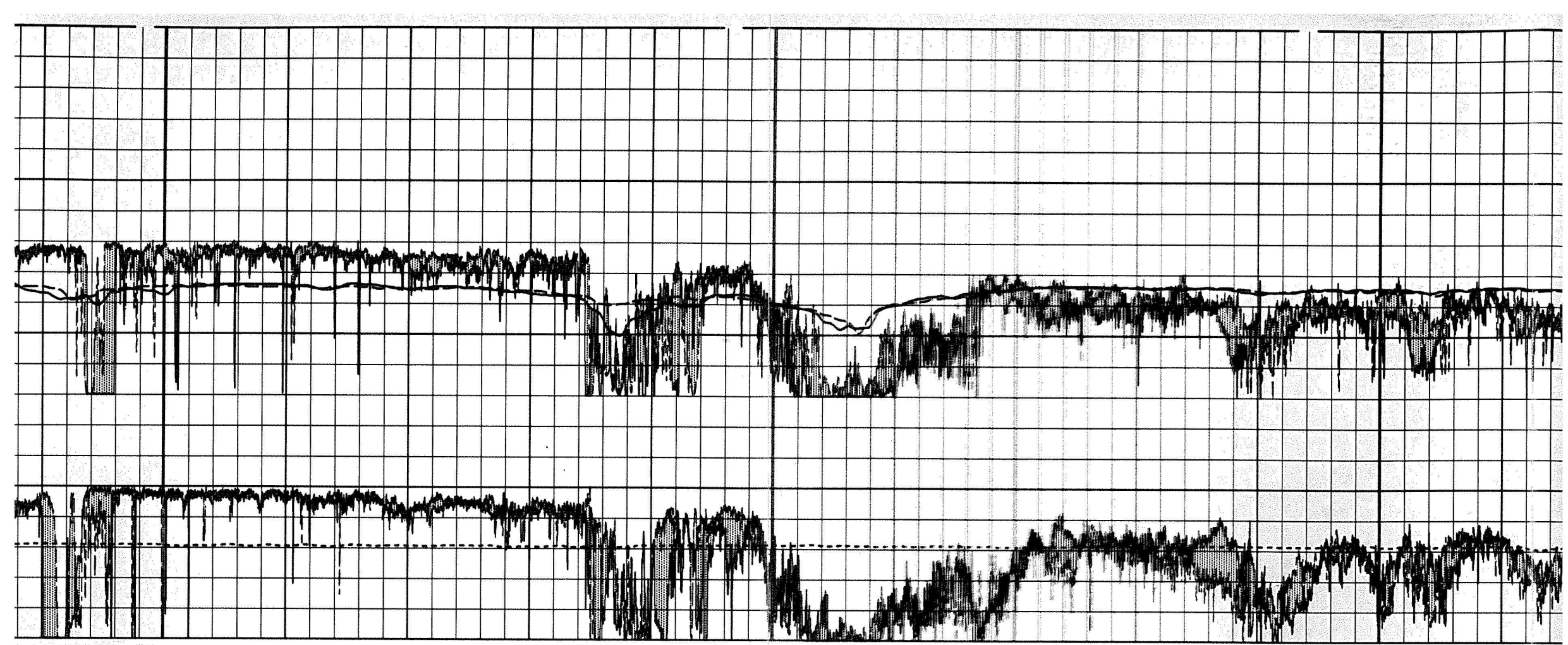




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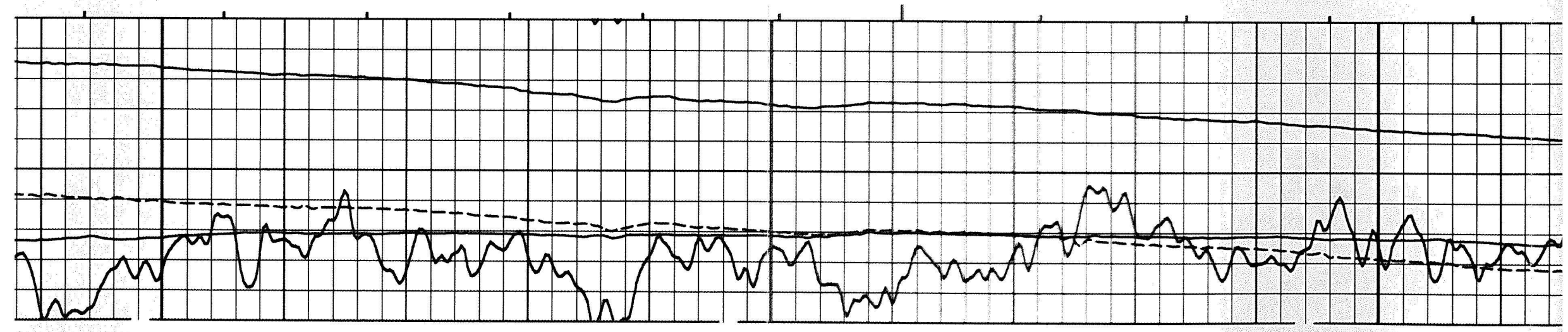


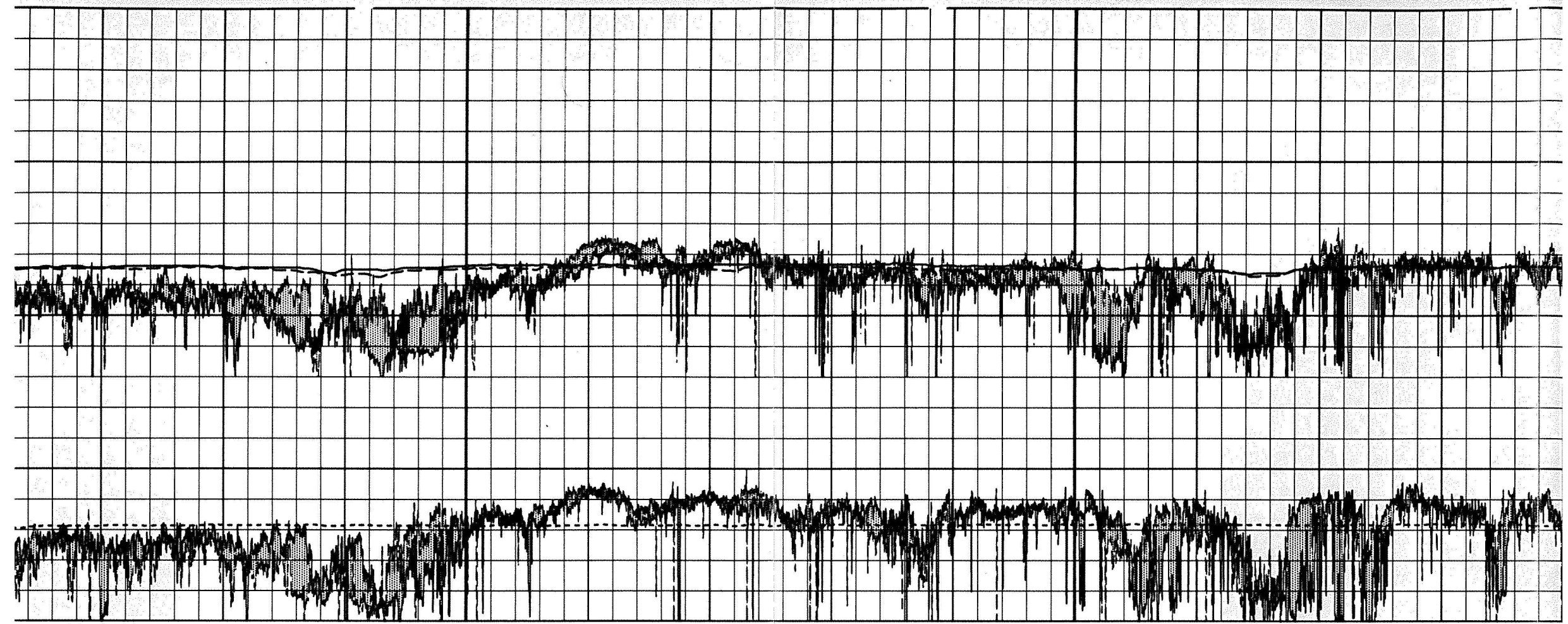


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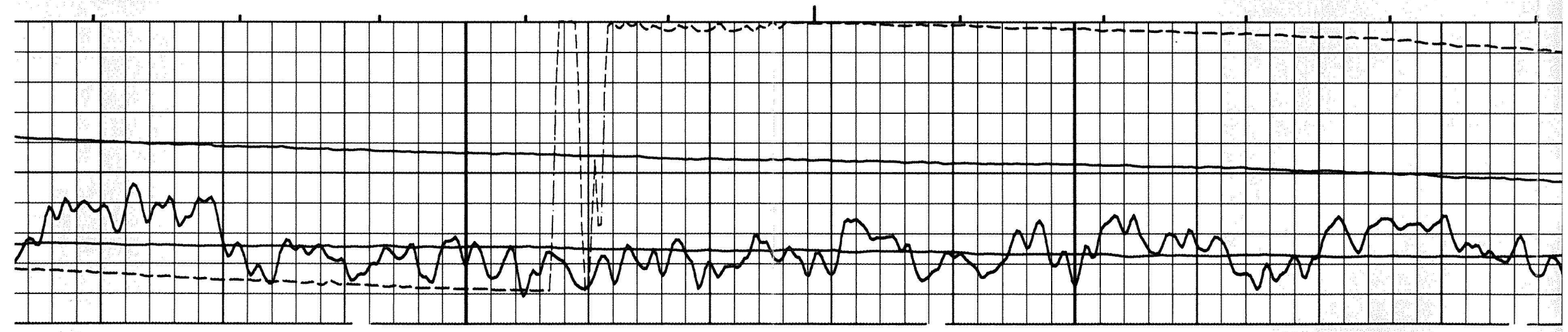
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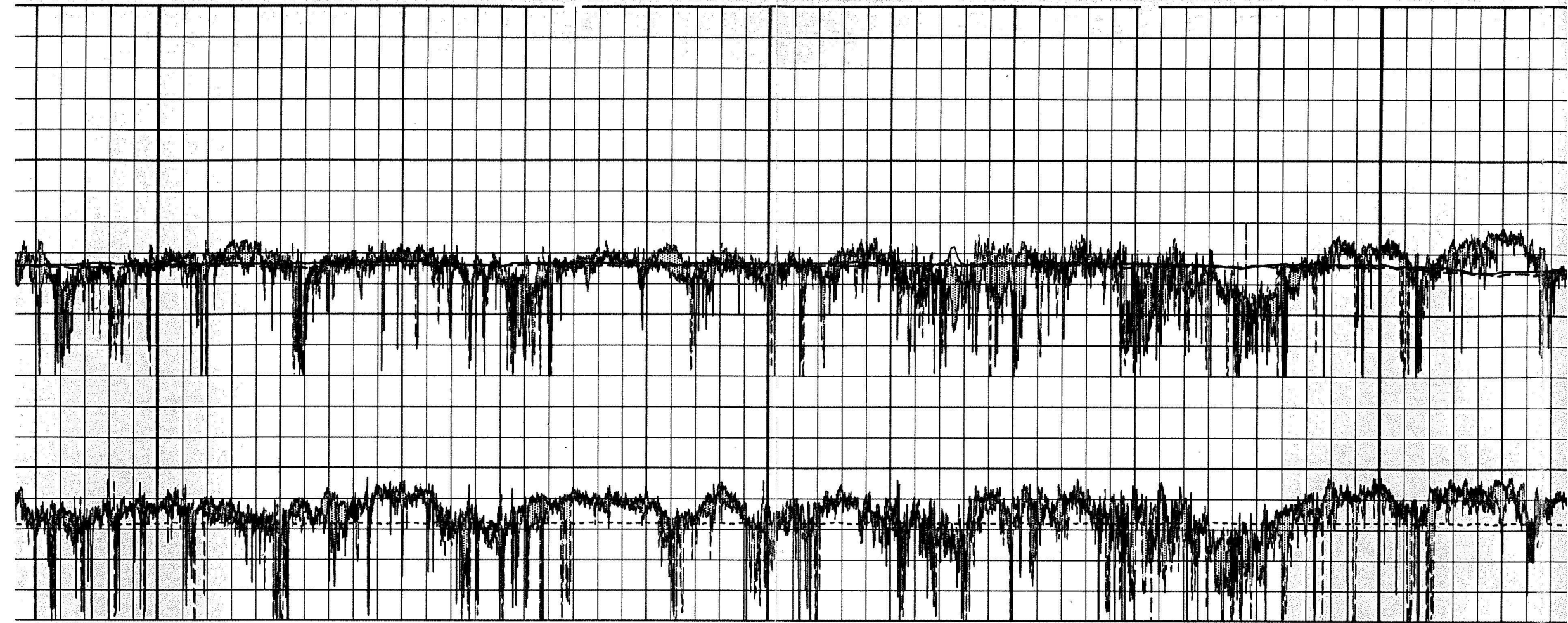




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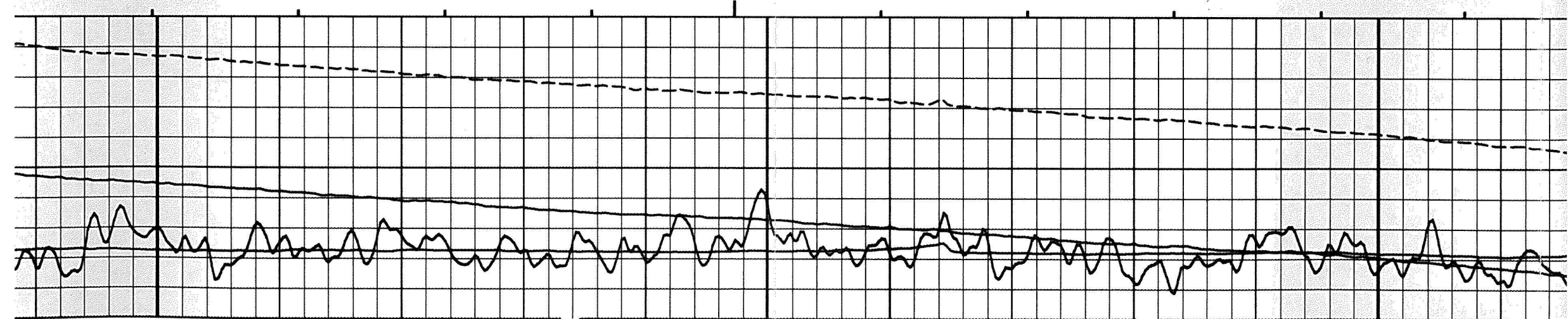


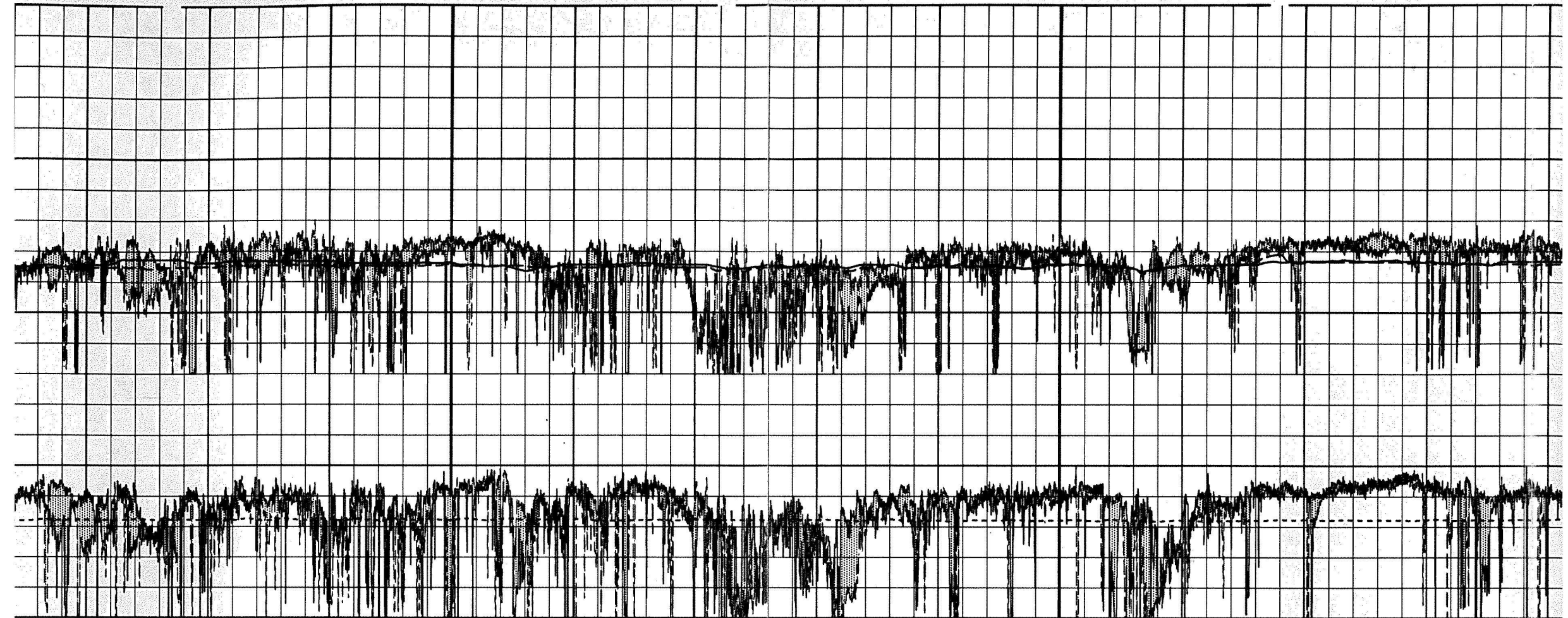


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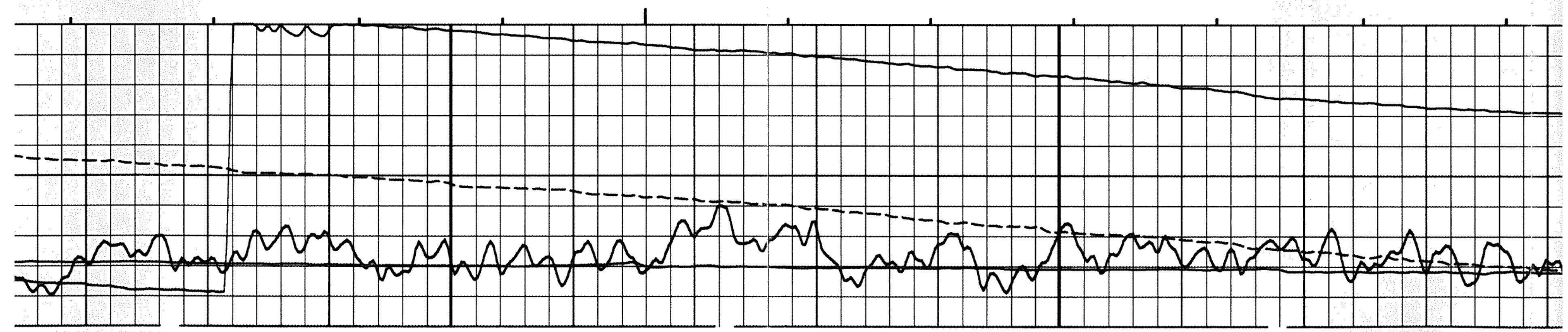
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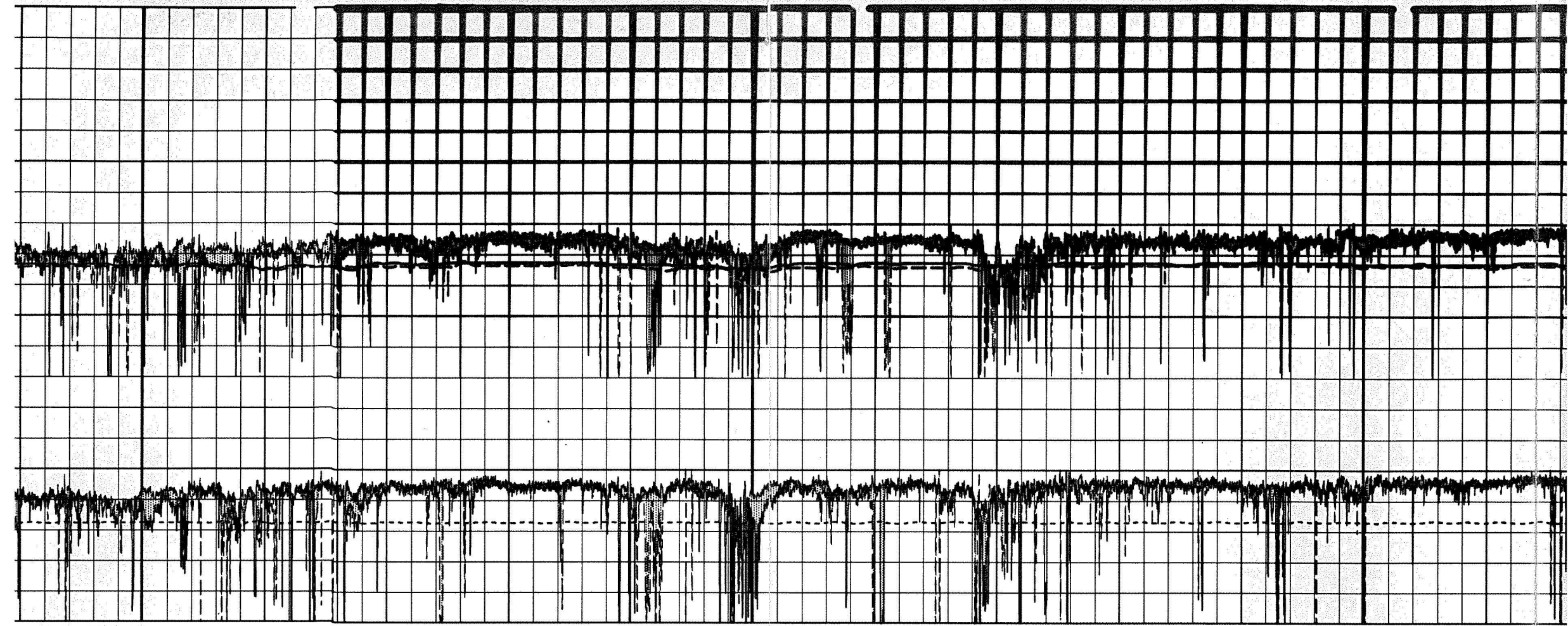




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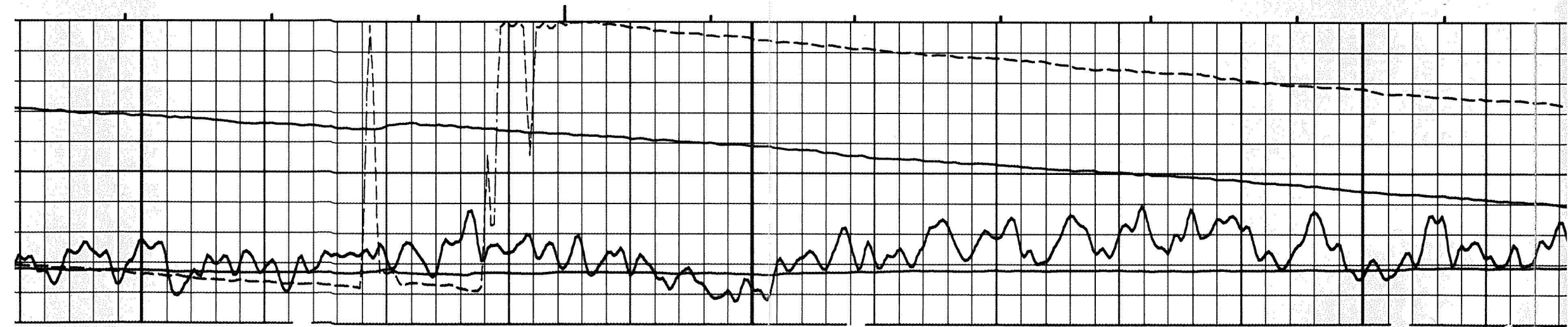


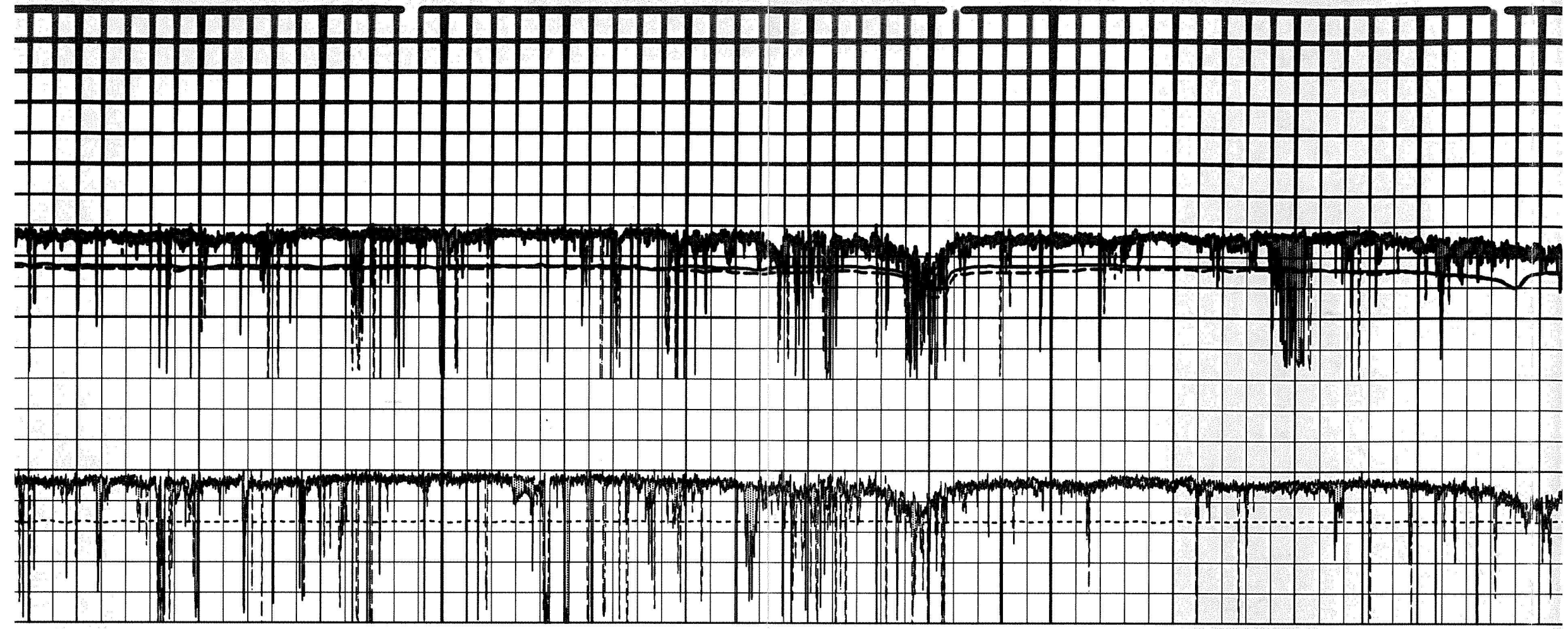


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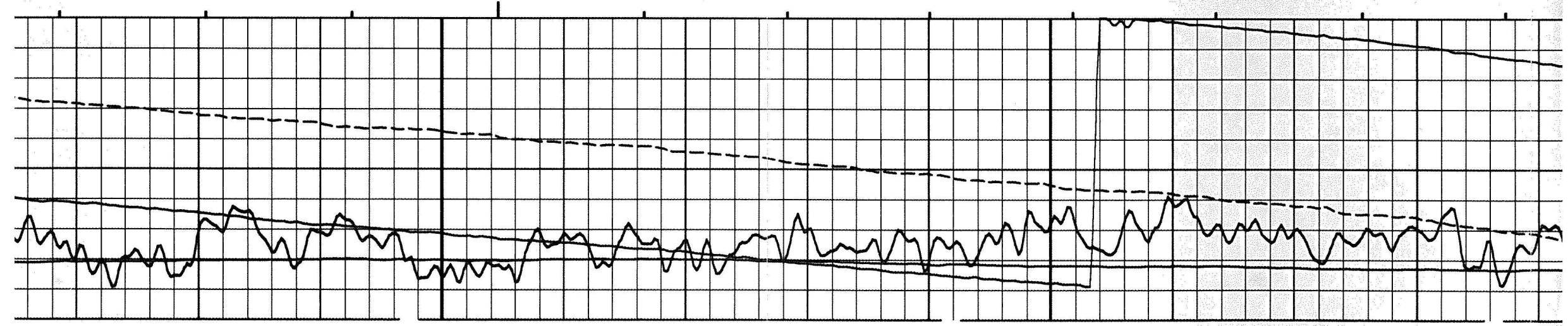
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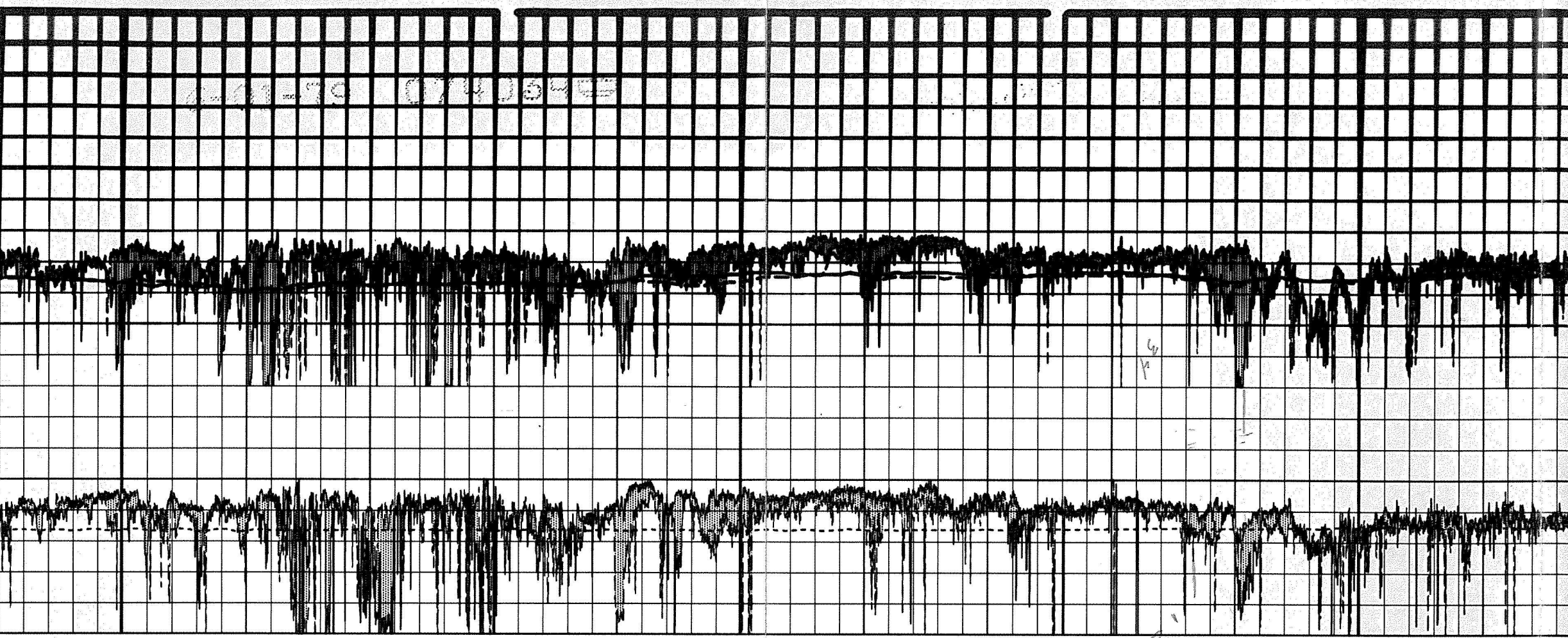


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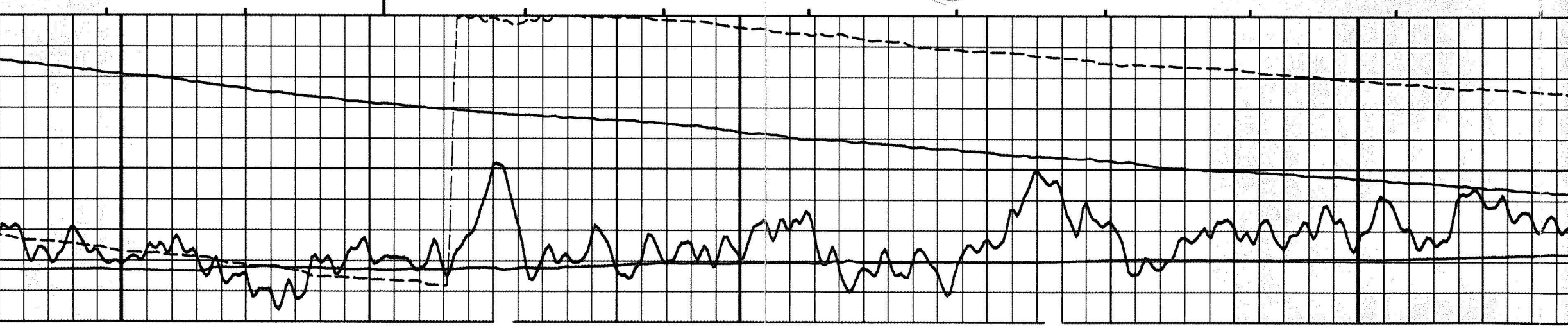
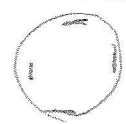


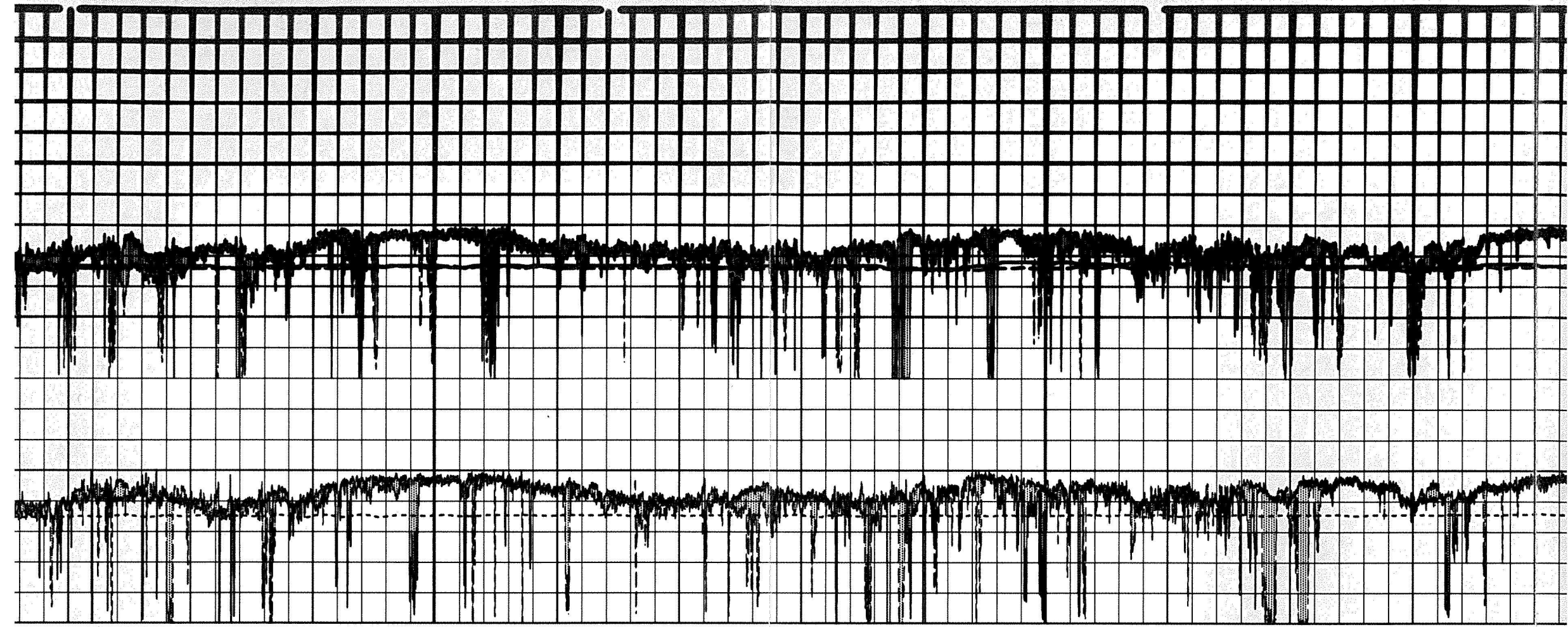


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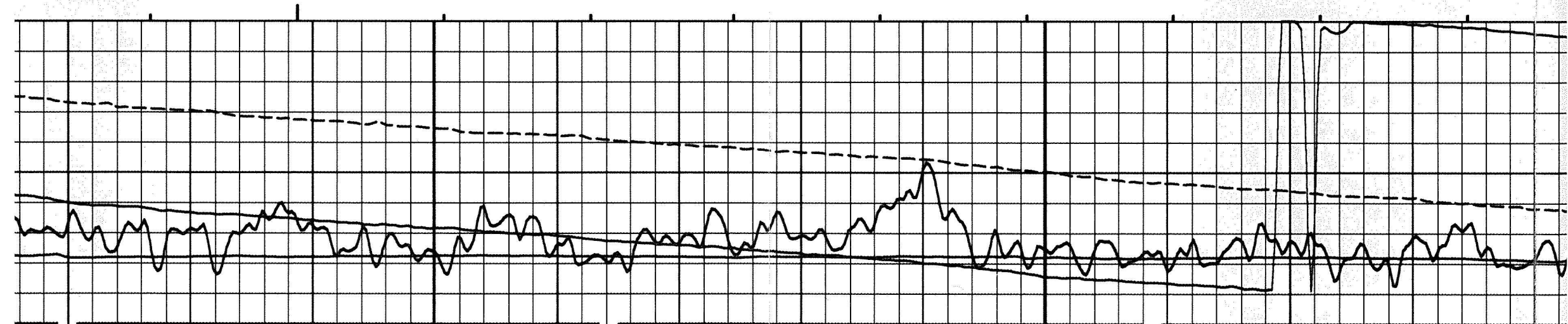
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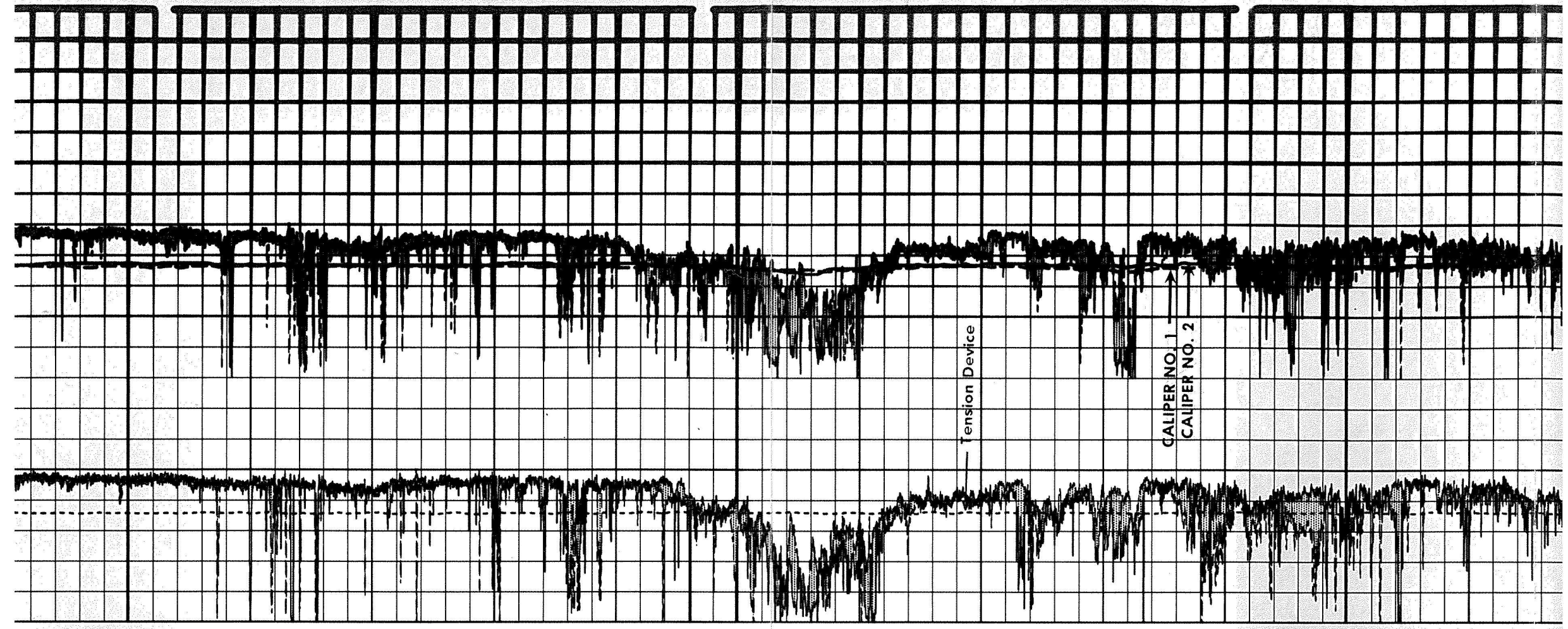




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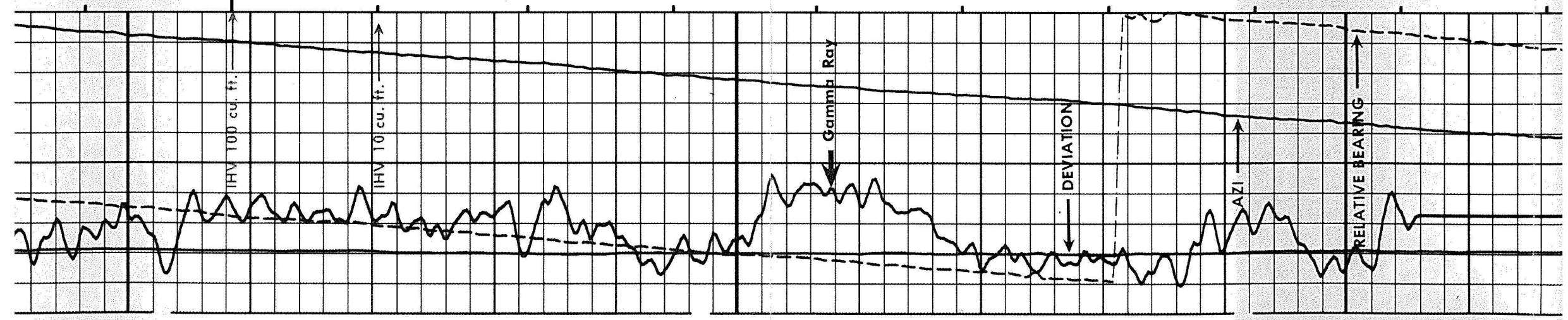




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10050

10100



PASS No. 1

REPEAT SECTION

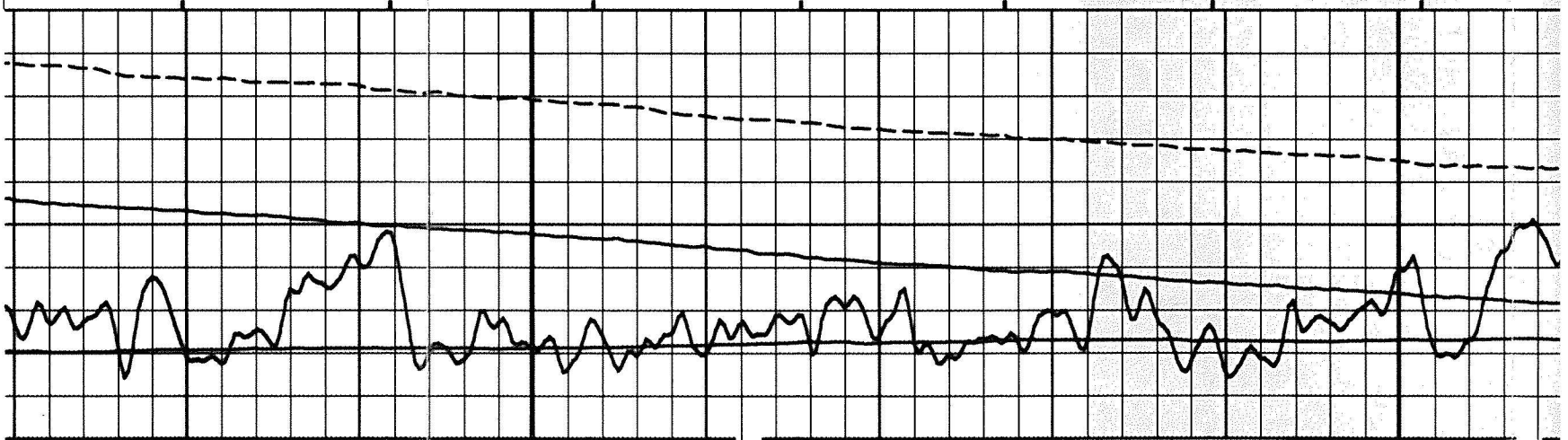
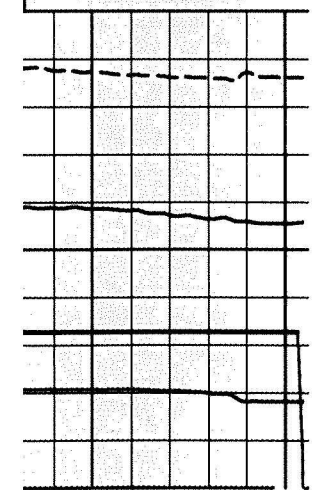
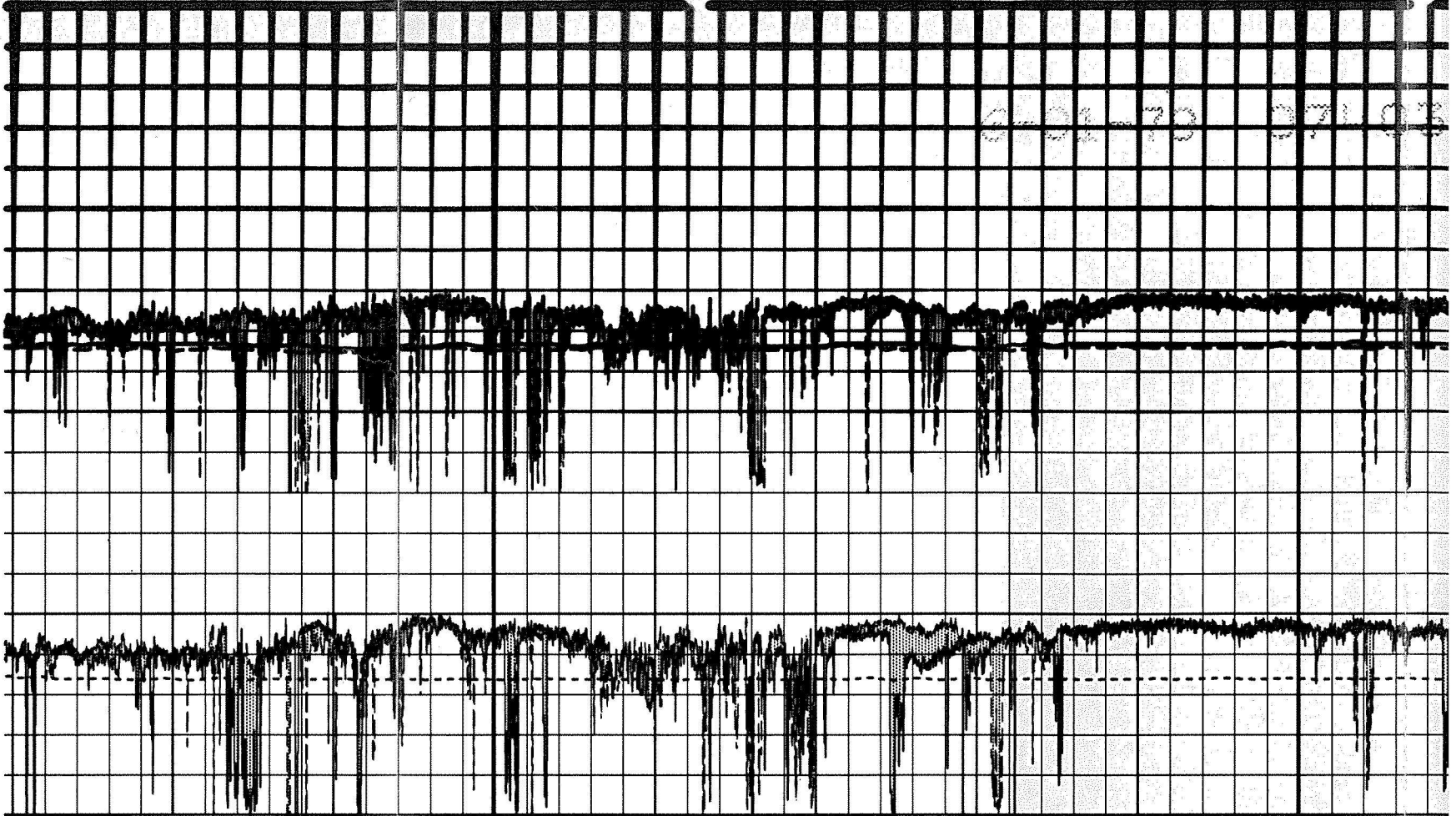
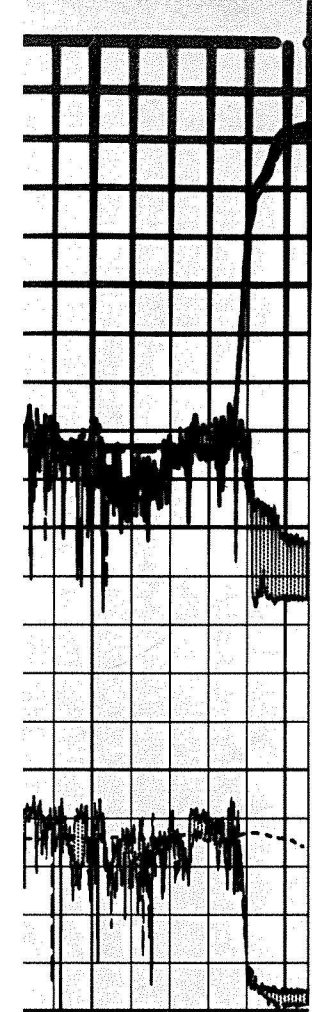
2-21-73 07:03

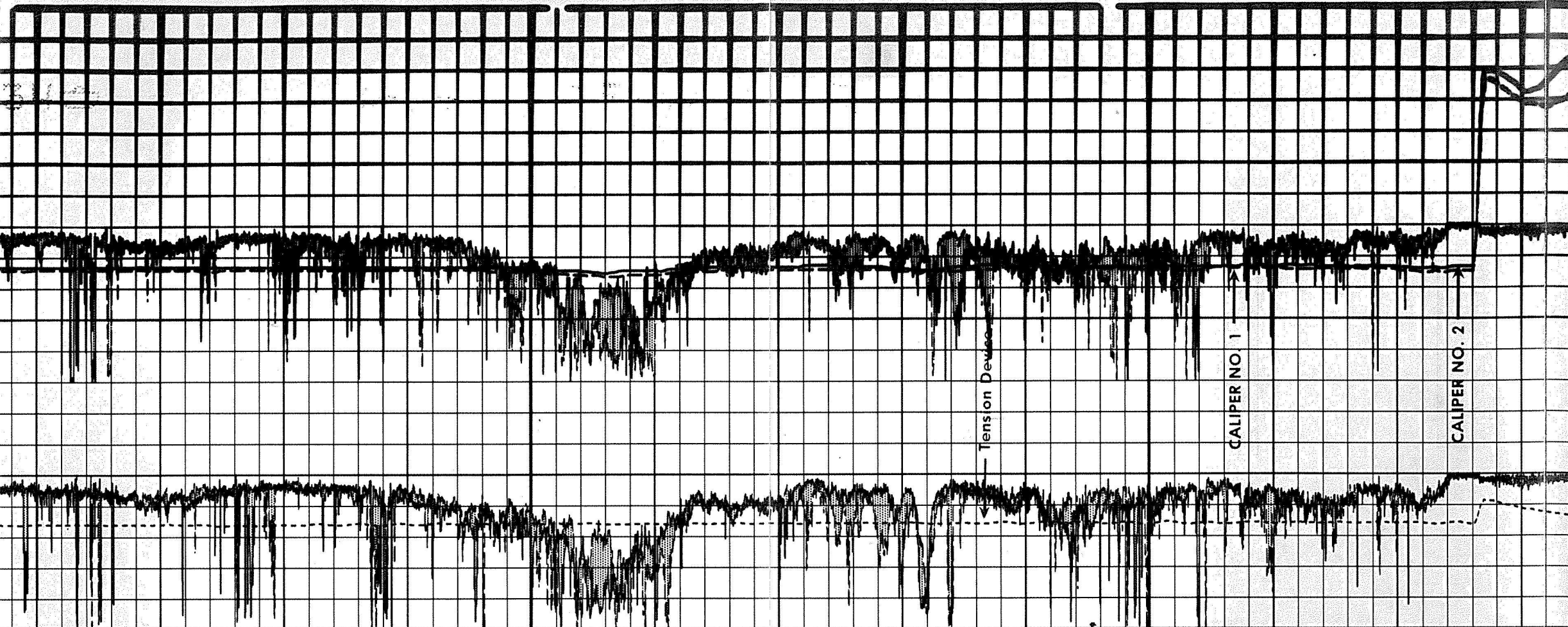
66666 55555

LR

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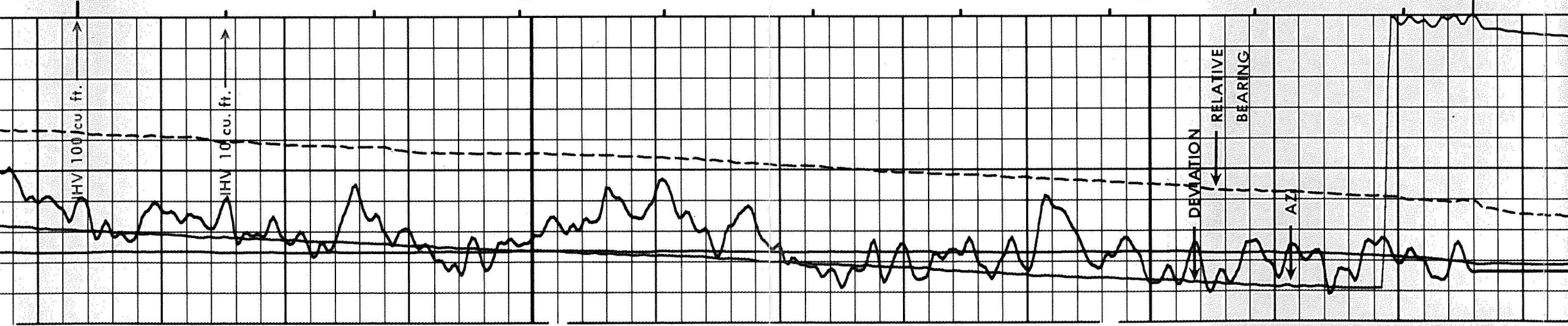




10050

10100

FR



10150

555555

### REPEAT SECTION

SP (MV >	750.0
DEVI<DEG >	9.000
RB (DEG >	360.0
AZIM<DEG >	360.0

TENS(LB >	10000.
C2 (INCH)	4.000
C1 (INCH)	4.000

555555

### BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 79/05/18  
 PROGRAM FILE: HDT (VERSION 12.4 78/12/ 8)

### HDT CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		UNITS
	SMALL	LARGE	SMALL	LARGE	
C1	6.2	17.5	6.0	15.9	IN
C2	17.6	6.5	16.0	6.0	IN

555