



FILE NO: US087294  
 COMPANY: WPX ENERGY INC  
 WELL: C & C ENERGY GM 423-13  
 FIELD: GRAND VALLEY  
 COUNTY: GARFIELD STATE CO

Ver. 3.87  
 S13 T7S R96W  
 PAD: GM 24-12  
 RIG: HP-318  
 LOCATION:  
 SHL: 277' FSL 1001' FWL S12 T7S R96W  
 BHL: 2246' FNL 1223' FWL S13 T7S 96W  
 SEC 13 TWP 7S RGE 96W  
 OTHER SERVICES: RPM

PERMANENT DATUM: GL ELEVATION 5141 FT  
 LOG MEASURED FROM: KB 24 FT ABOVE P.D.  
 DRILL. MEAS. FROM: KB  
 ELEVATIONS:  
 KB 5165 FT  
 DF  
 GL 5141 FT

DATE	TRIP	29-Jun-2014	1
SERVICE ORDER		US087294	
DEPTH DRILLER		6796 FT	
DEPTH LOGGER		6710 FT	
BOTTOM LOGGED INTERVAL		6700 FT	
TOP LOGGED INTERVAL		24 FT	
TIME STARTED		10:00	
TIME FINISHED		12:30	
OPERATOR RIG TIME		2.5 HR	
TYPE OF FLUID IN HOLE		WATER	
FLUID DENSITY		NA	
FLUID SALINITY		NA	
FLUID LEVEL		66 FT	
LOGGED CEMENT TOP		NA	
WELLHEAD PRESSURE		0 PSI	
MAXIMUM HOLE DEVIATION		NA	
NOMINAL LOGGING SPEED		65 F/MN	
MAX. RECORDED TEMP.		187 DEGF	
REFERENCE LOG		NA	
REFERENCE LOG DATE		NA	
EQUIP. NO.	LOCATION	6670	GRAND JCT
RECORDED BY		D. SMITH	
WITNESSED BY		J BRADY	

**IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE THE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.**

BOREHOLE RECORD		
BIT SIZE	FROM	TO
13.5 IN	0 FT	1423 FT
8.75 IN	1423 FT	6812 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN	32.2 LB/F		0 FT	1423 FT
4.5 IN	11.6 LB/F		0 FT	6812 FT

**REMARKS**

RUN 1 TRIP 1: ALL DATA ON THIS LOG IS SHIFTED USING THE CCL CURVE TO PLACE THE WELLHEAD (TOP CCL MARK) ON DEPTH WITH GROUND LEVEL ELEVATION AT CLIENT'S REQUEST

THE DEPTH MATCHING PROCESS CREATES POTENTIAL FOR COLLAR LENGTHS TO VARY FROM THOSE RECORDED ON OTHER CASED HOLE WIRELINE UNITS WITHOUT GAMMA RAY REFERENCE

AMOUNT LINEAR SHIFT -2 FT

LOGGED WITH 0 PSI AT WELL HEAD

BHT = 187 DEGF

SJ = 3562' TO 3584'

THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE SERVICES

CREW: SMITH/PACK/COATE

**EQUIPMENT DATA**

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CBL	1426XA	10218495	CENTRALIZED
1	1	GR	2459XA	10218504	CENTRALIZED

**MAIN LOG 5"/100FT SCALE**

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013

Updates: 1

Plotted: Sun Jun 29 16:17:47 2014

**PARAMETER AND FILTER SUMMARY REPORT**

FILE: /dat1a/CH087294/n012e02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 29.250 ft BOTTOM DEPTH: 6715.215 ft

**SYMMETRIC FILTER**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

**RAL CCL PROCESSING**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM

**ANALOG RAL PROCESSING**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	185	us	TOP	BOTTOM
	AMP WINDOW LENGTH	30	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	160	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-65	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

**CURVE DESCRIPTION REPORT**

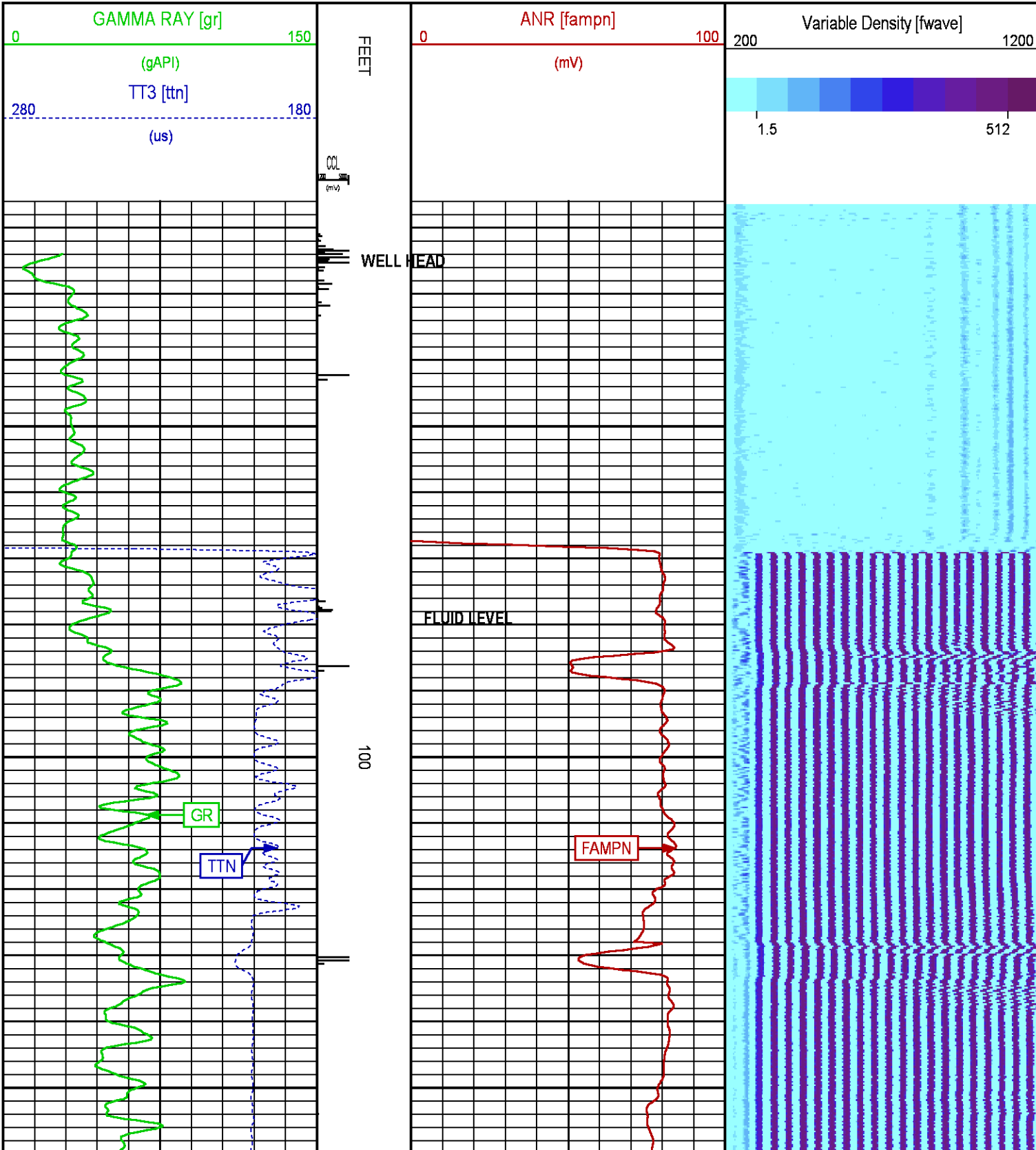
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jun 29 10:51:23 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 29 10:51:23 2014	FAR WAVE FORM
F1:GR	Jun 29 10:51:23 2014	GAMMA RAY
F1:TTN	Jun 29 10:51:23 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER

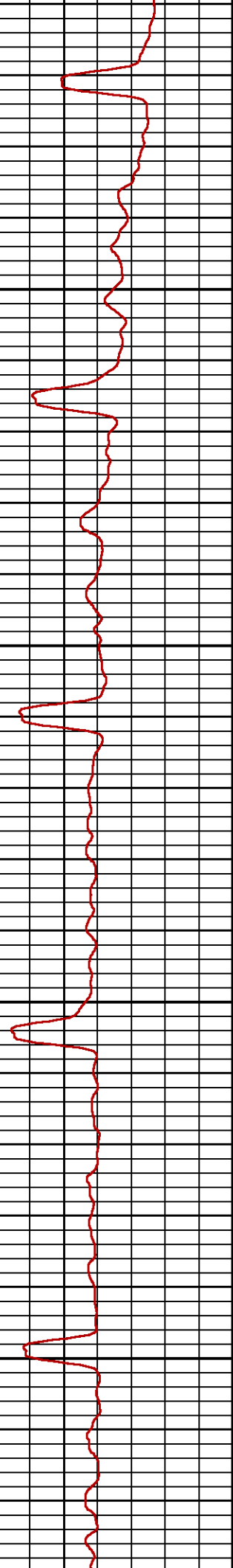
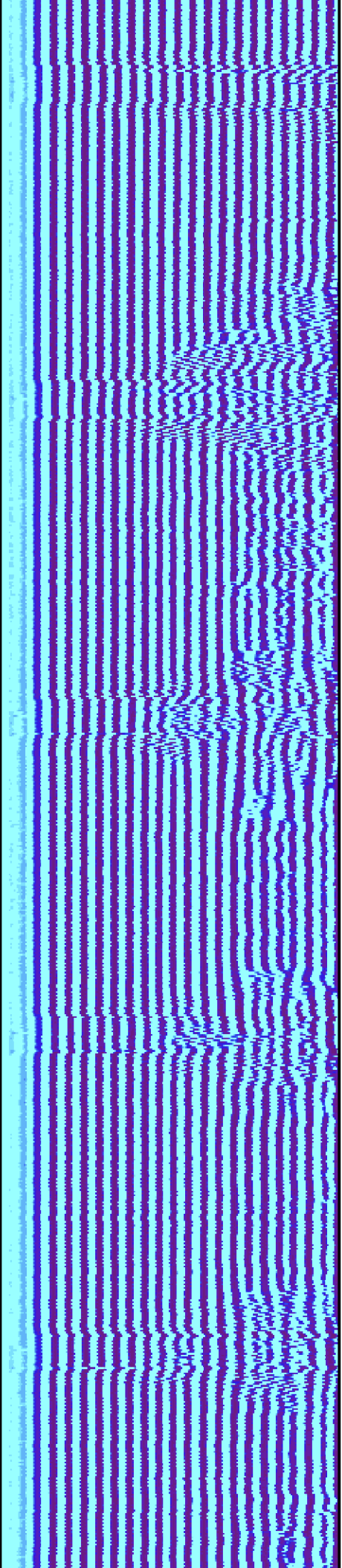
**CURVE MEASURE POINT OFFSET**

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	FAMPN	13.75	GR	6.50	TTN	13.75

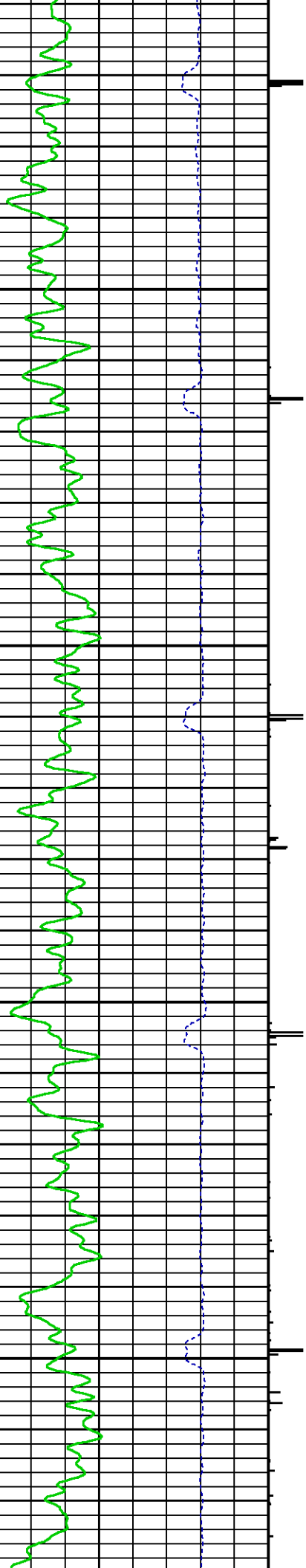
**Presentation** : HL6670:CBL\_PRI\_PRES\_MAIN.fvpdf [5"/100' Scale]  
**Plot Interval** : 16.5 - 6711 Feet  
  
**Data File 1** : F1 : HL6670:/dat1a/CH087294/n012e02.xtf  
**Created On** : Jun 29 10:51:23 2014  
**Company** : WPX ENERGY INC  
**Well** : C & C ENERGY GM 423-13  
**Field** : GRAND VALLEY  
**File Interval** : 15.5 - 6712.5 Feet  
**OCT** : n012e

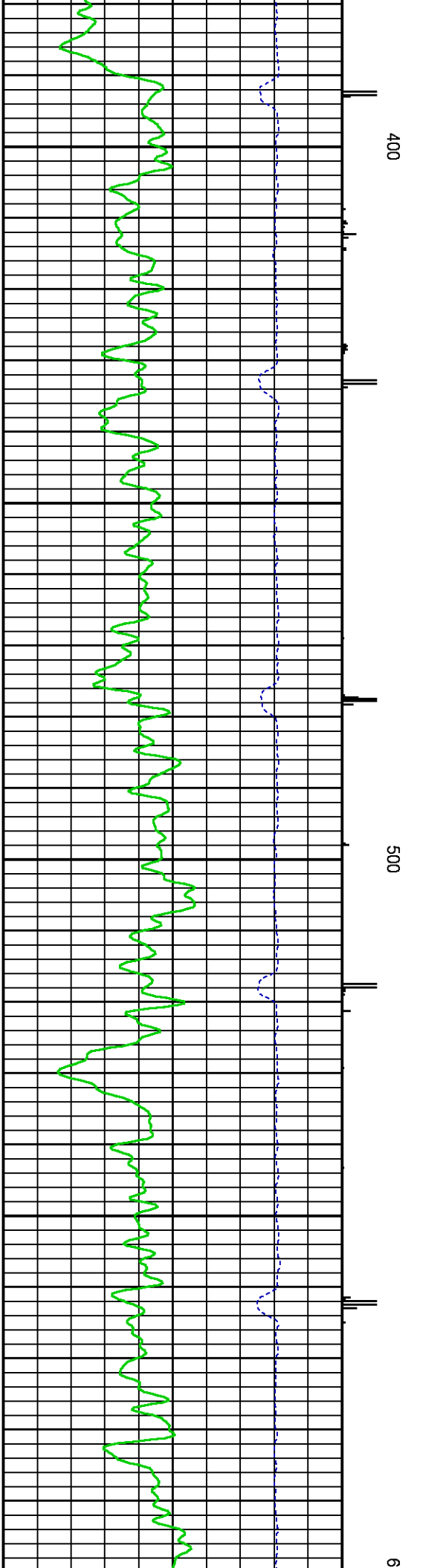
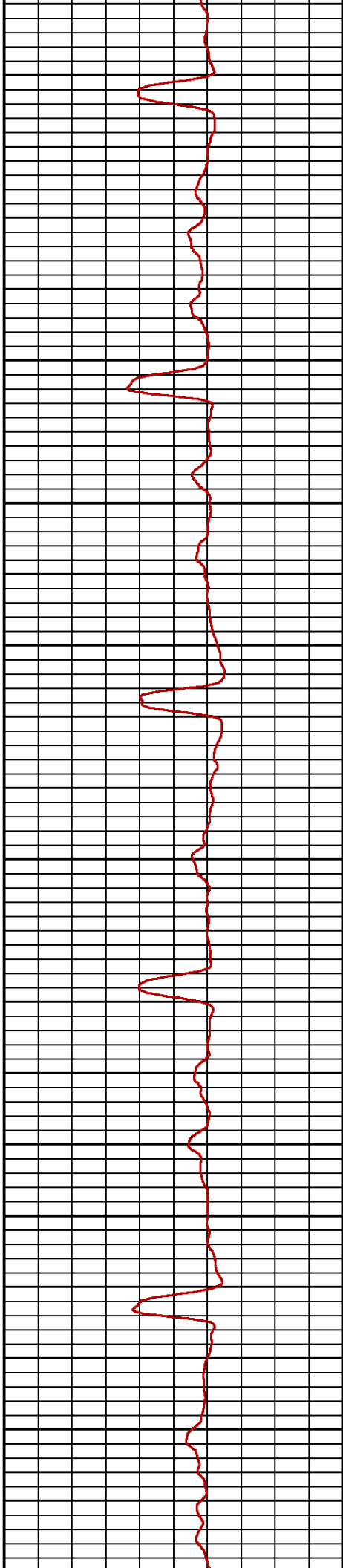
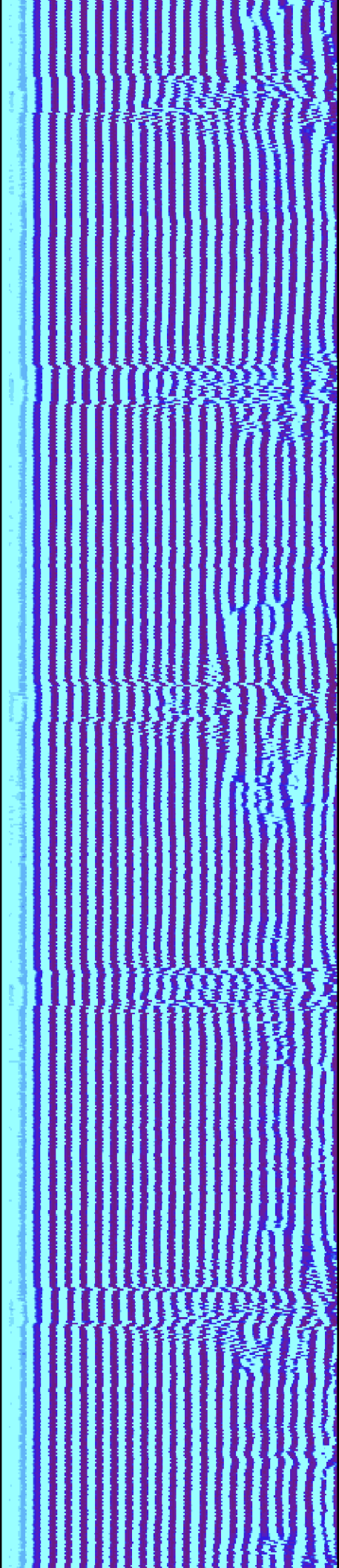


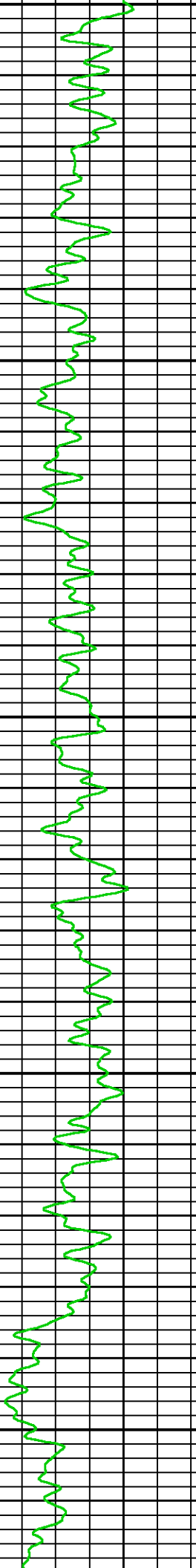
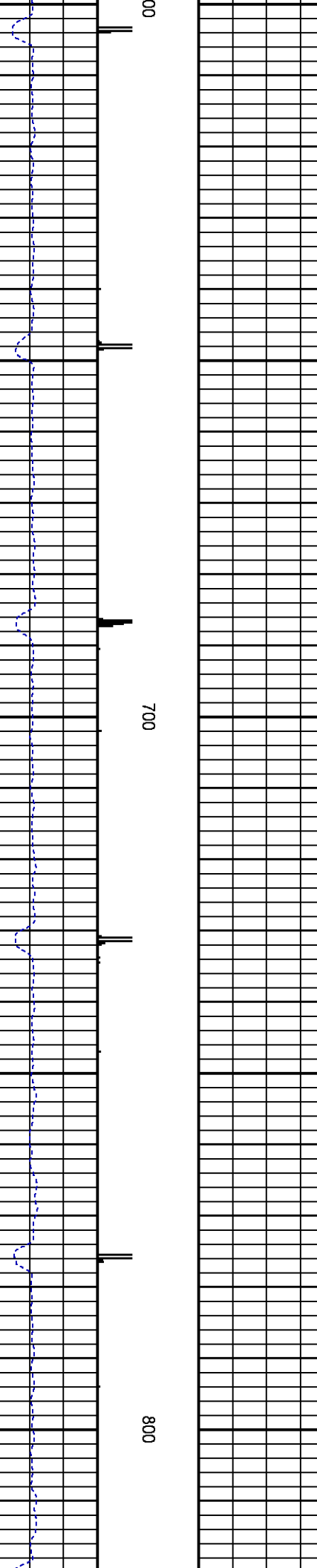
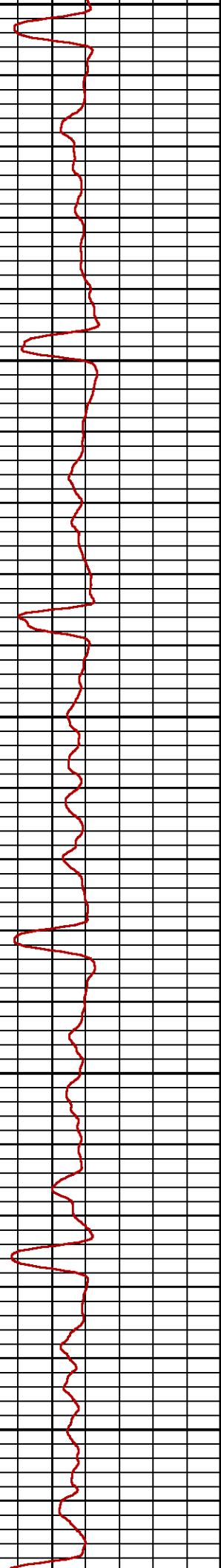
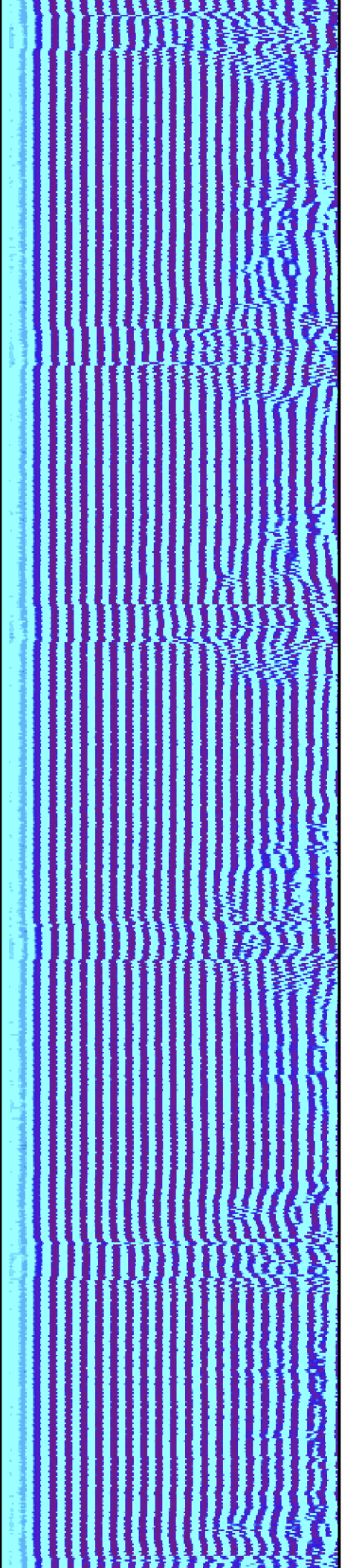


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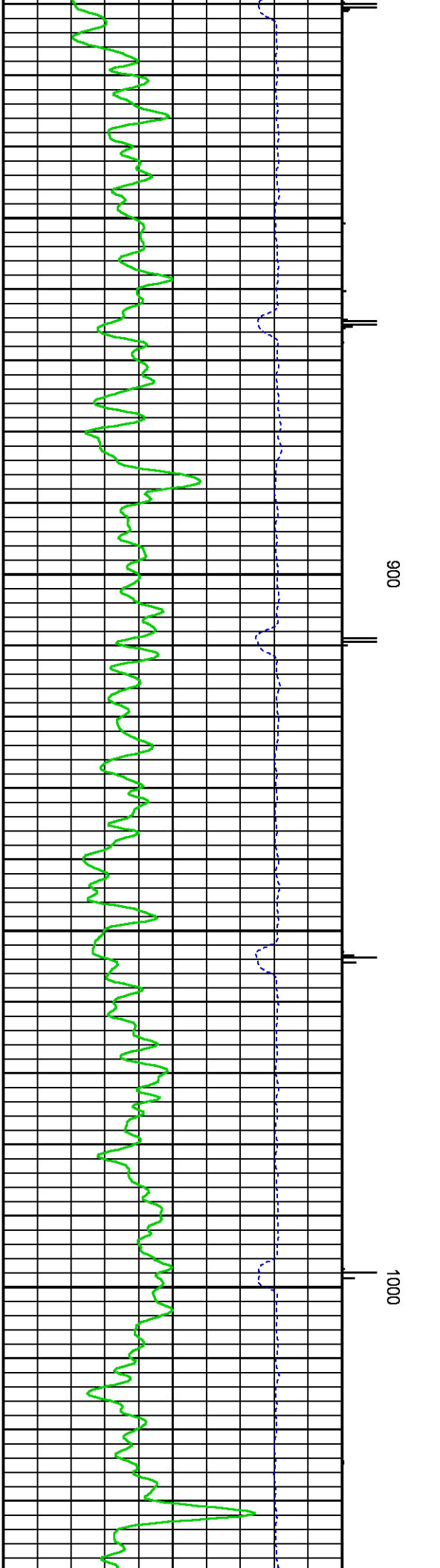
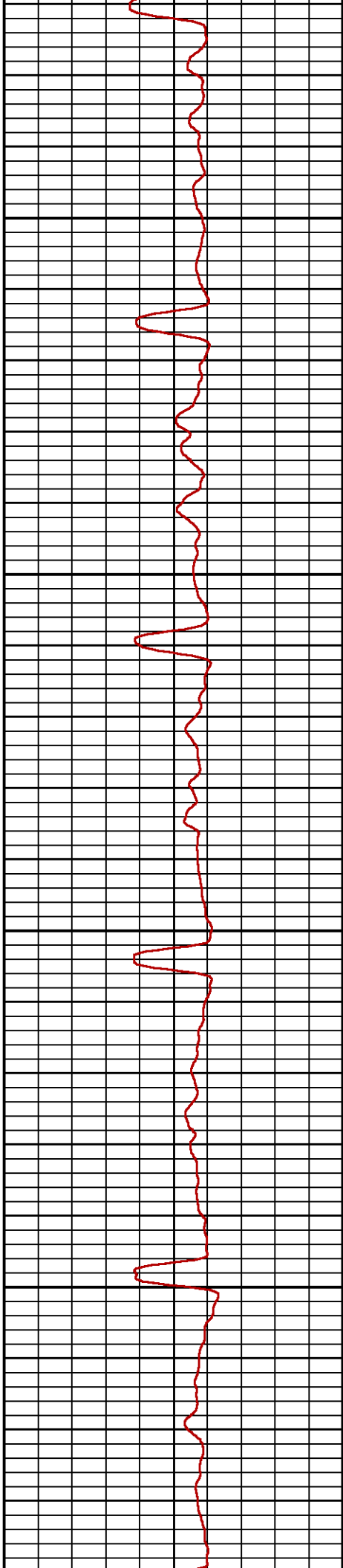
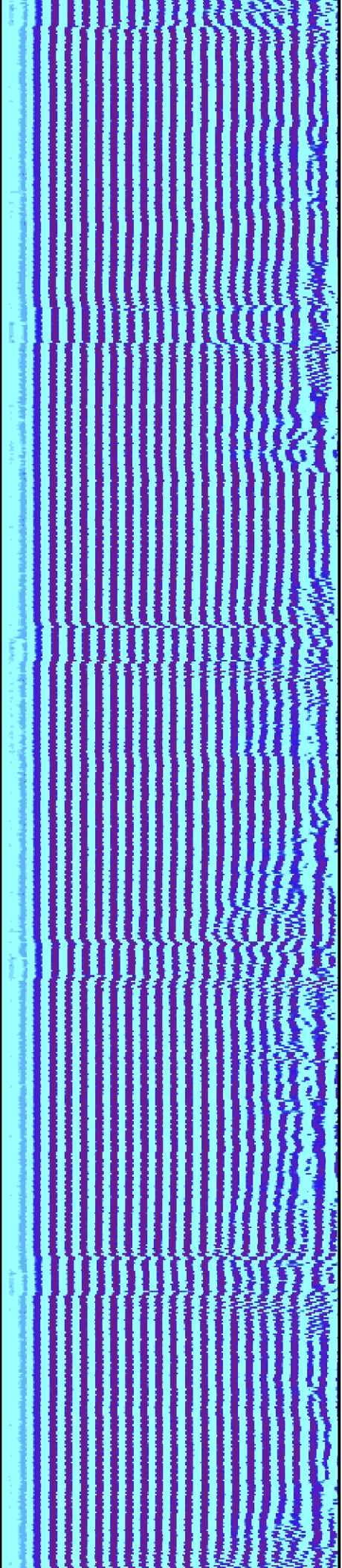


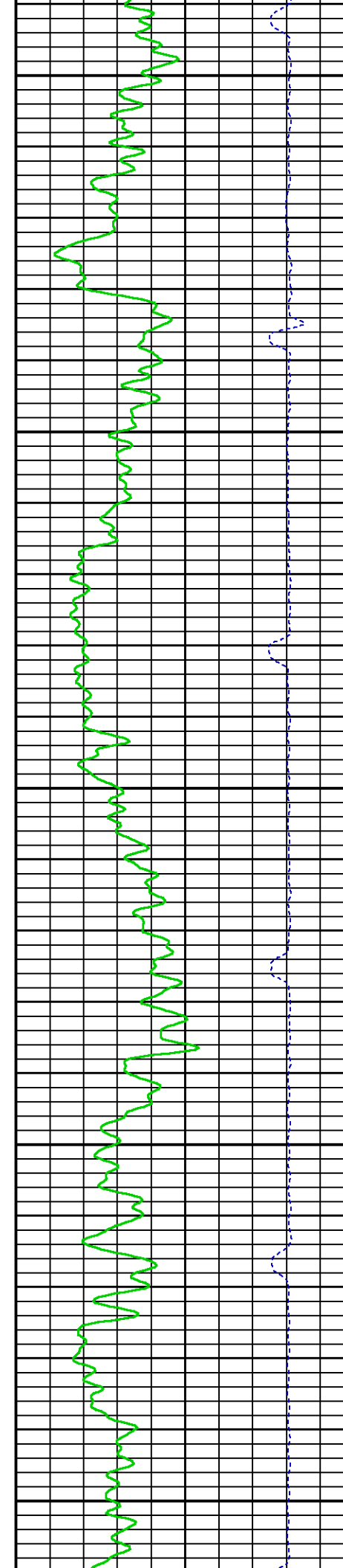
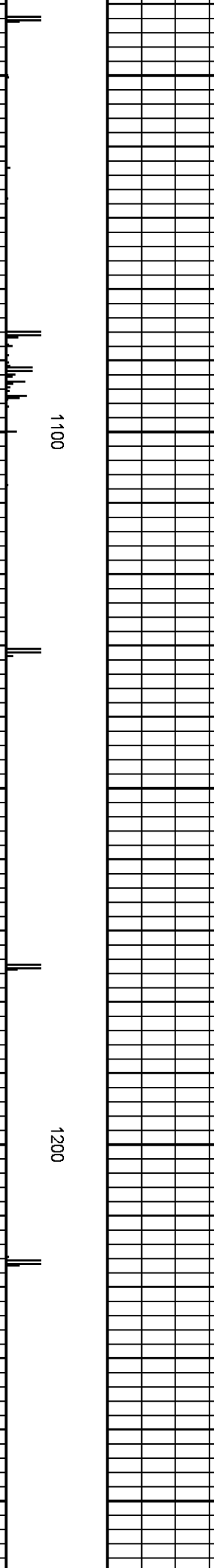
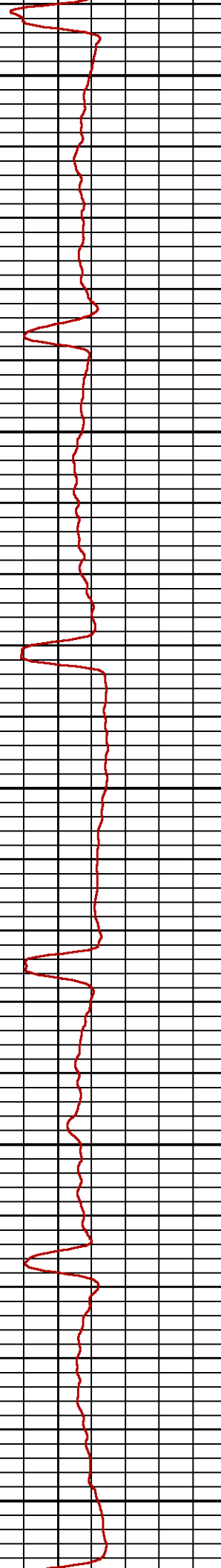
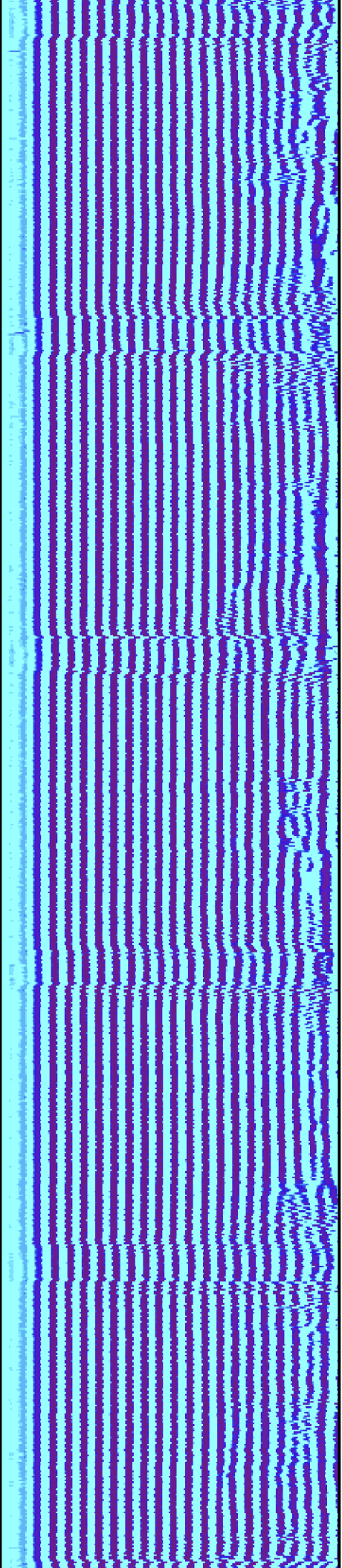


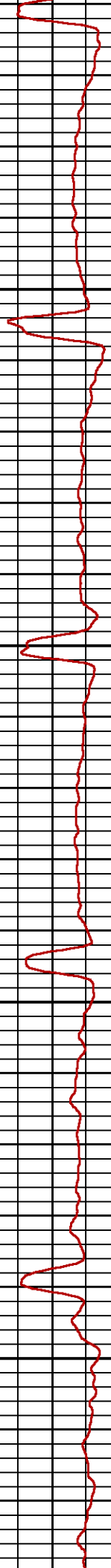
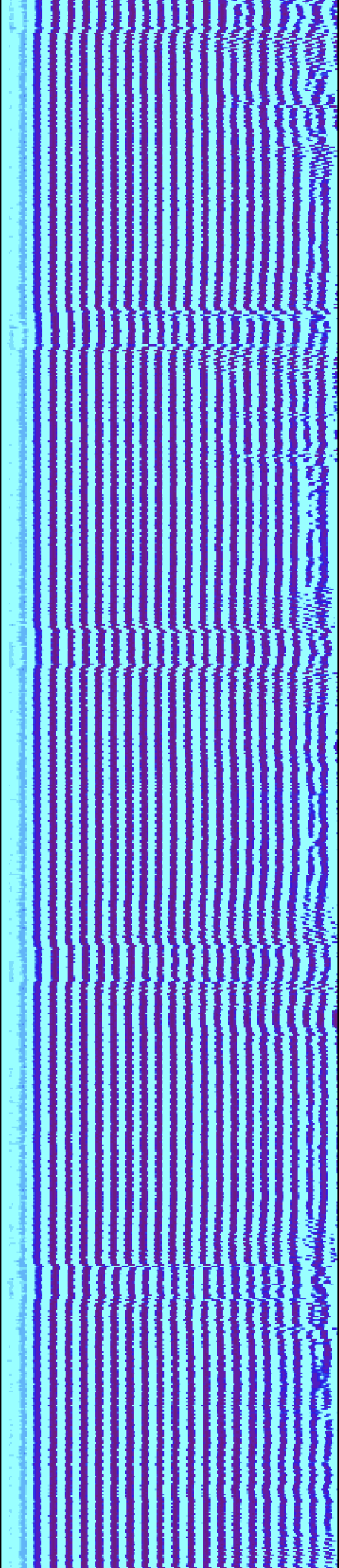
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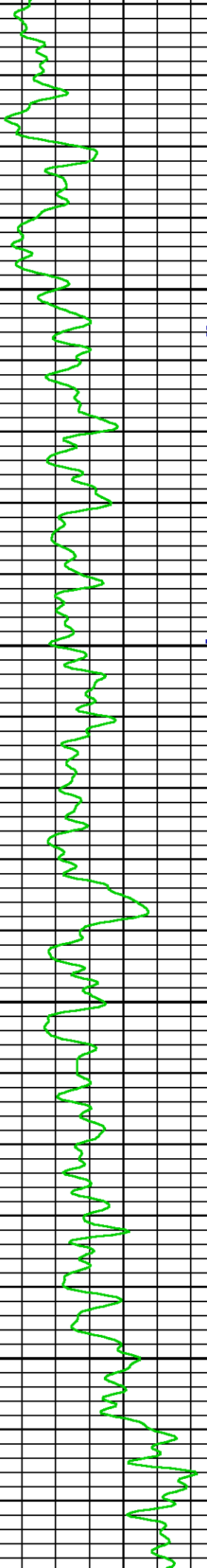


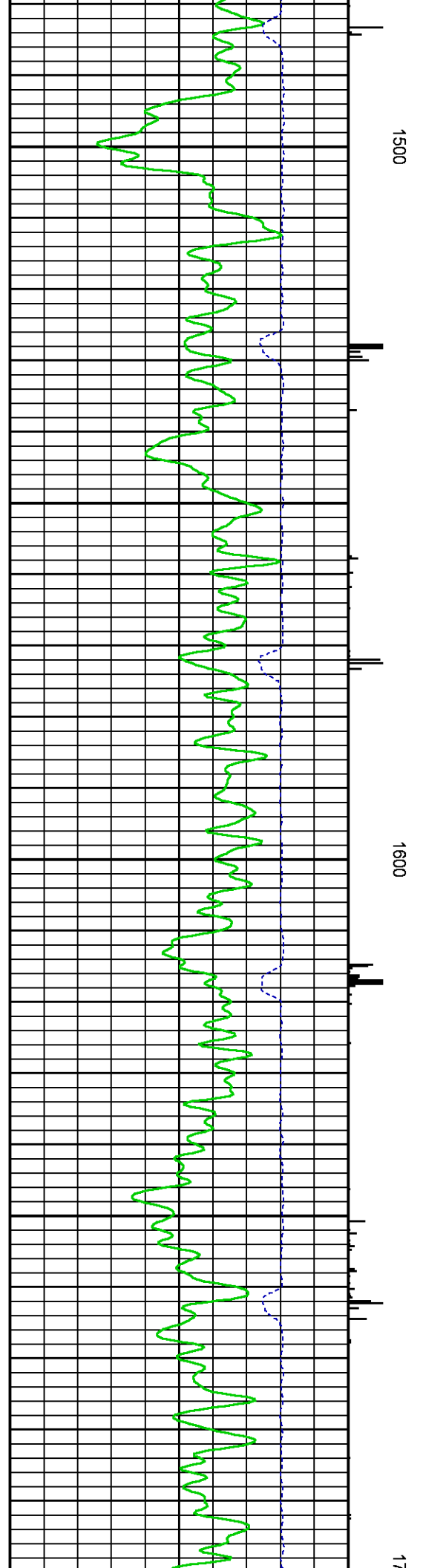
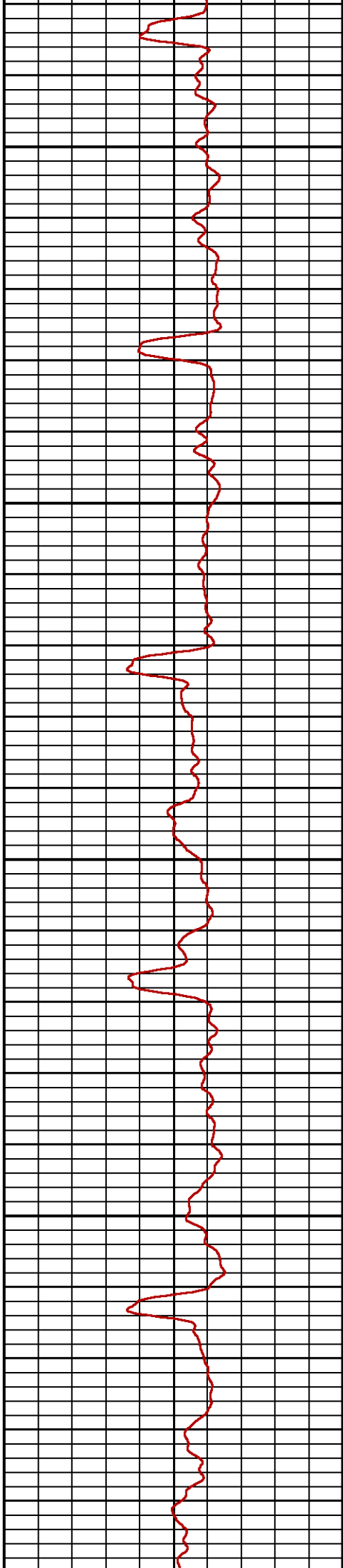
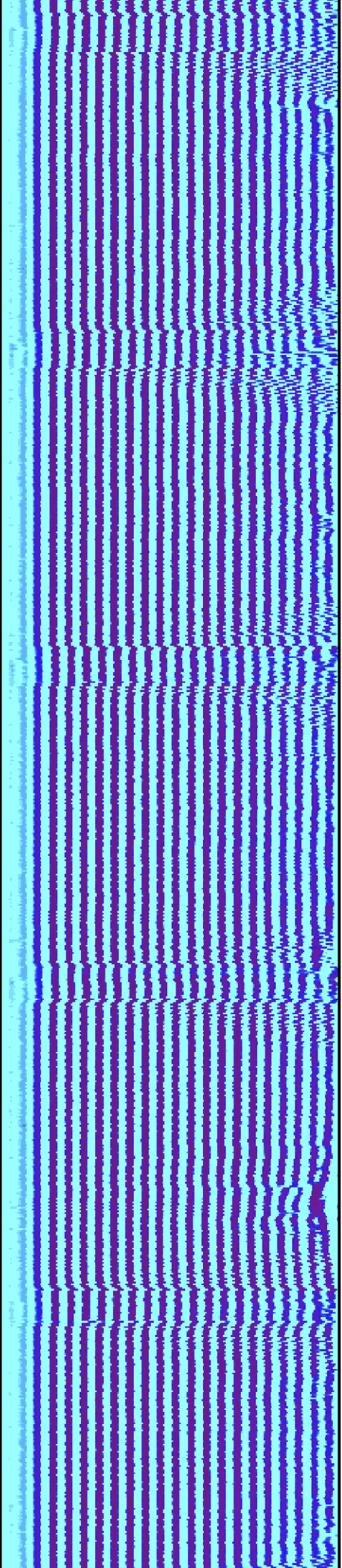


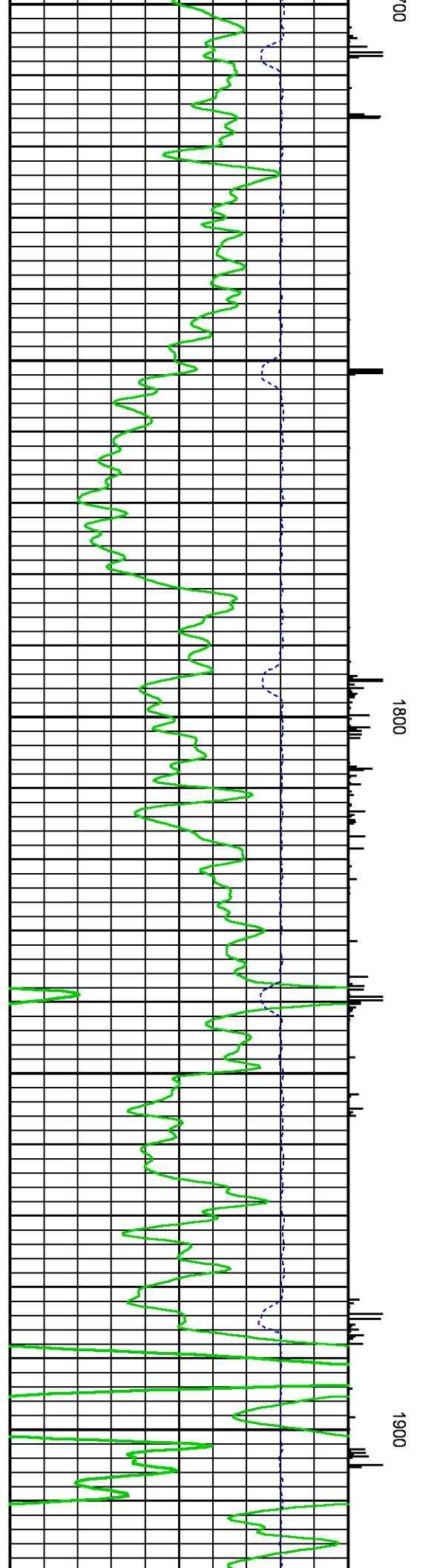
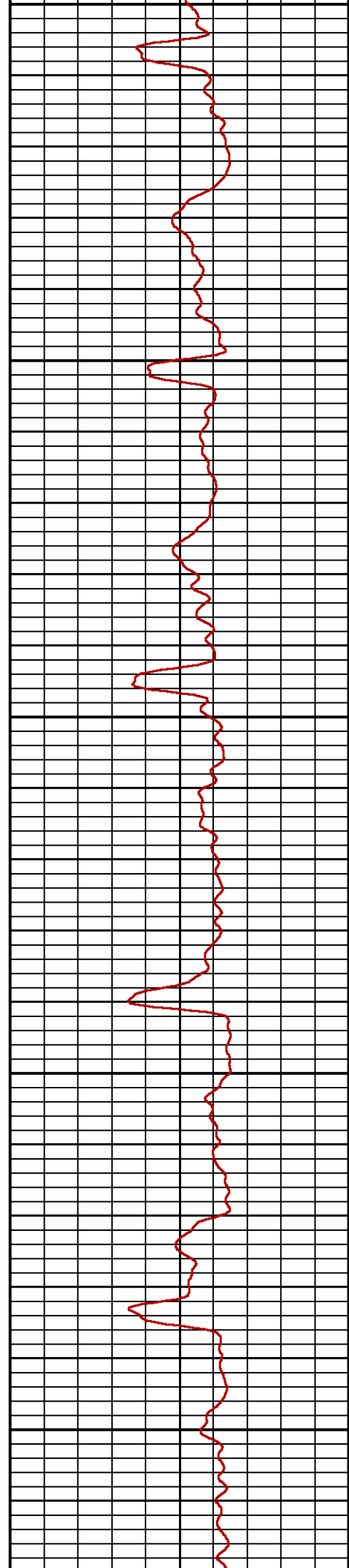
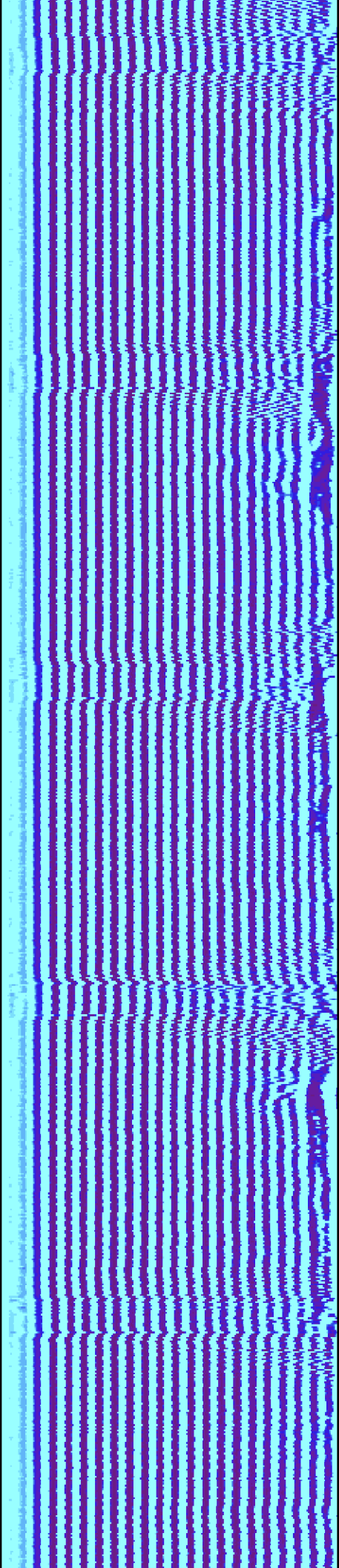


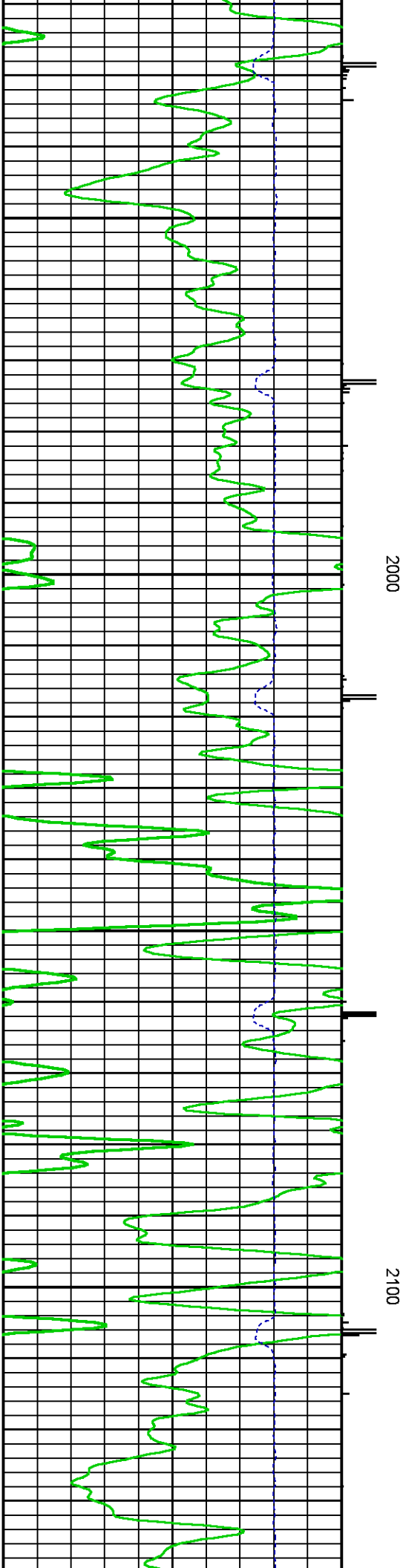
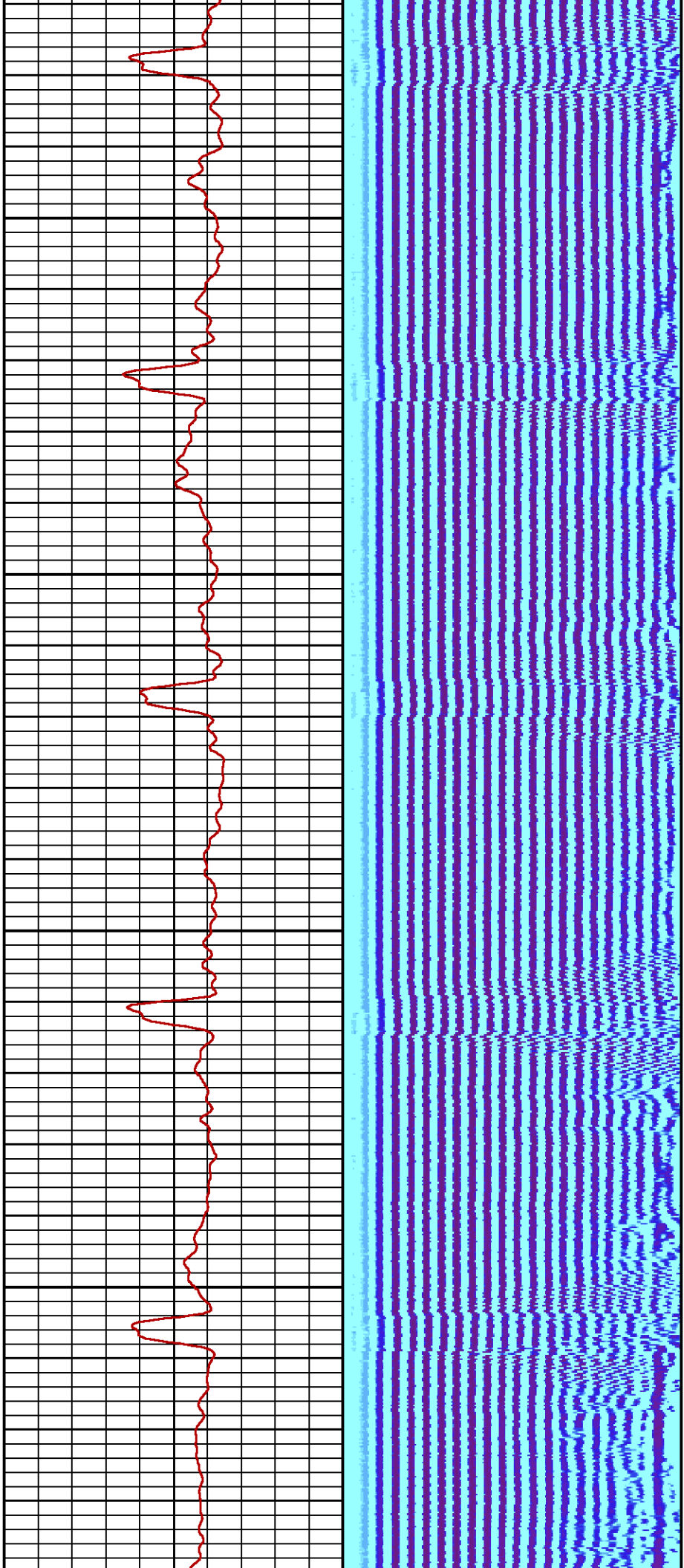
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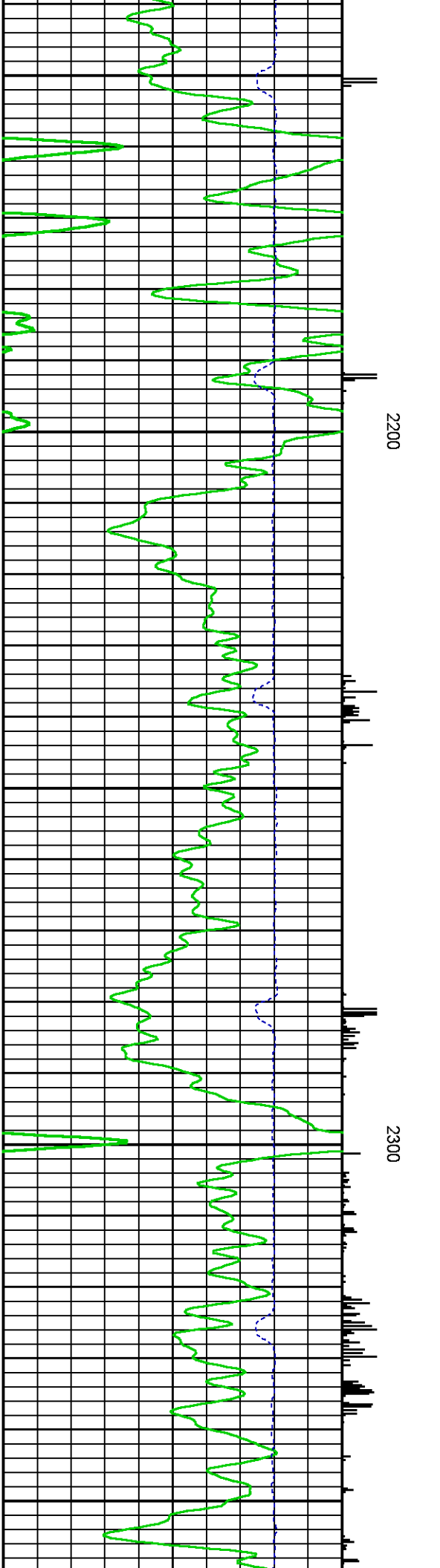
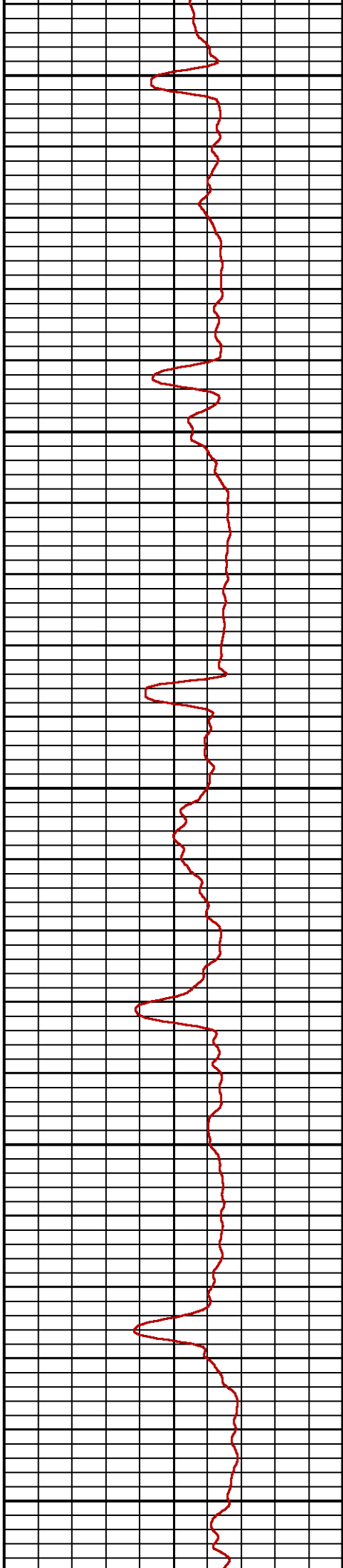
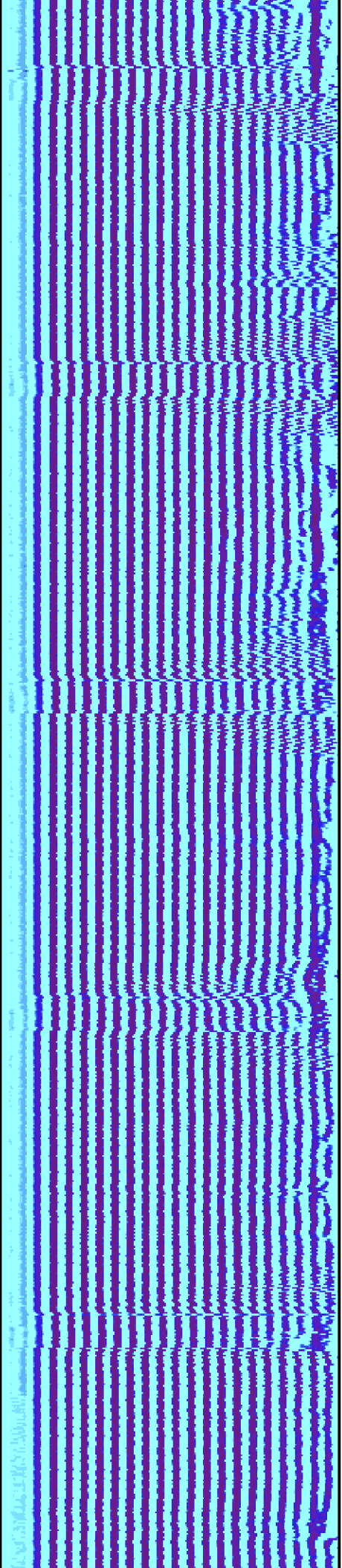
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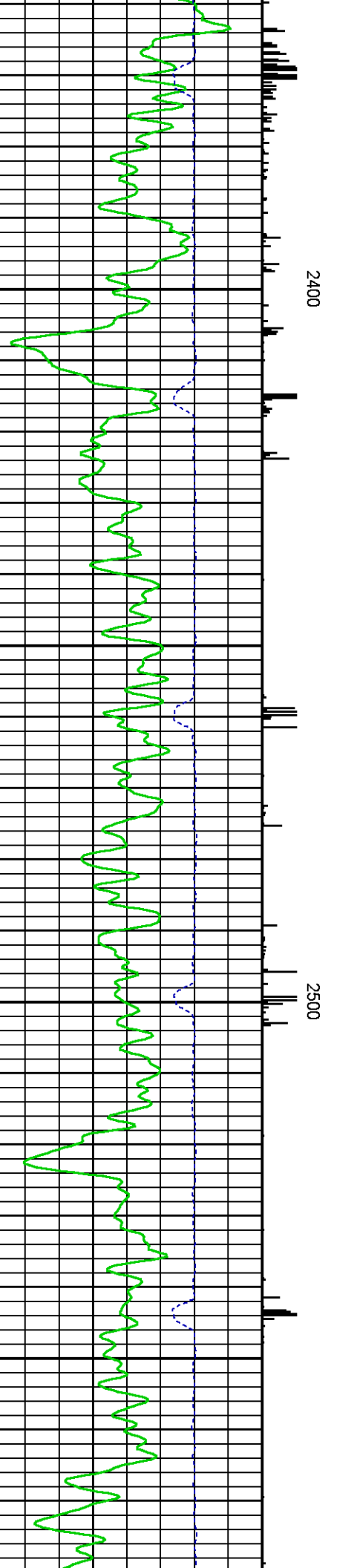
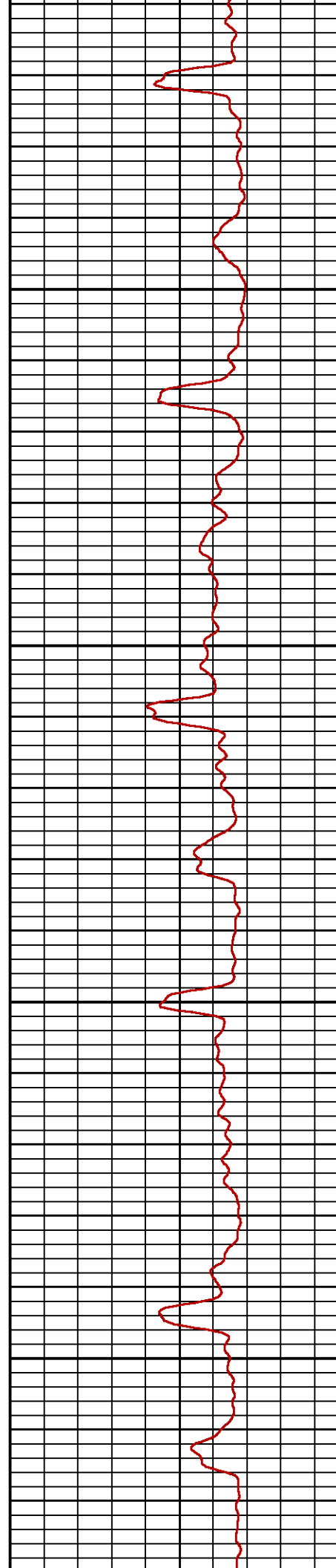
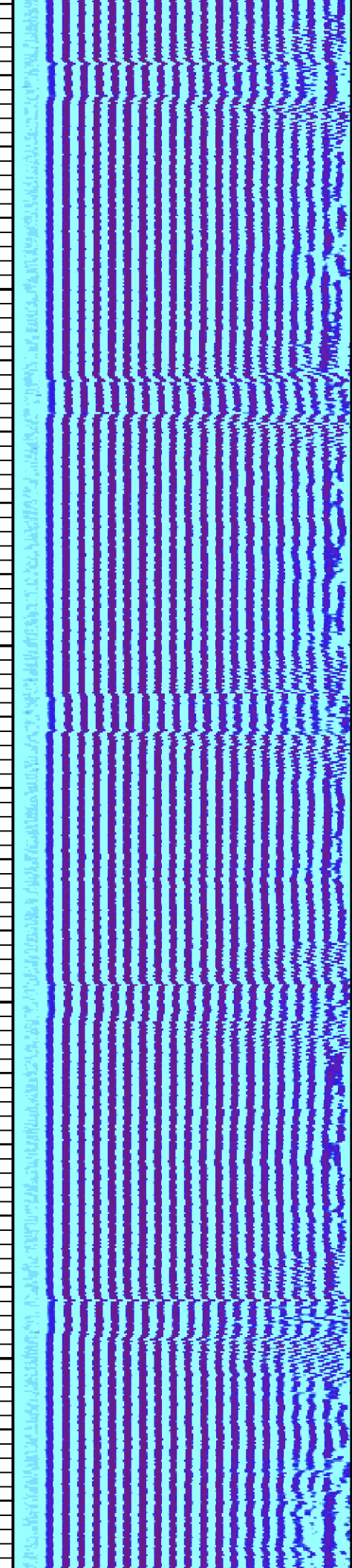


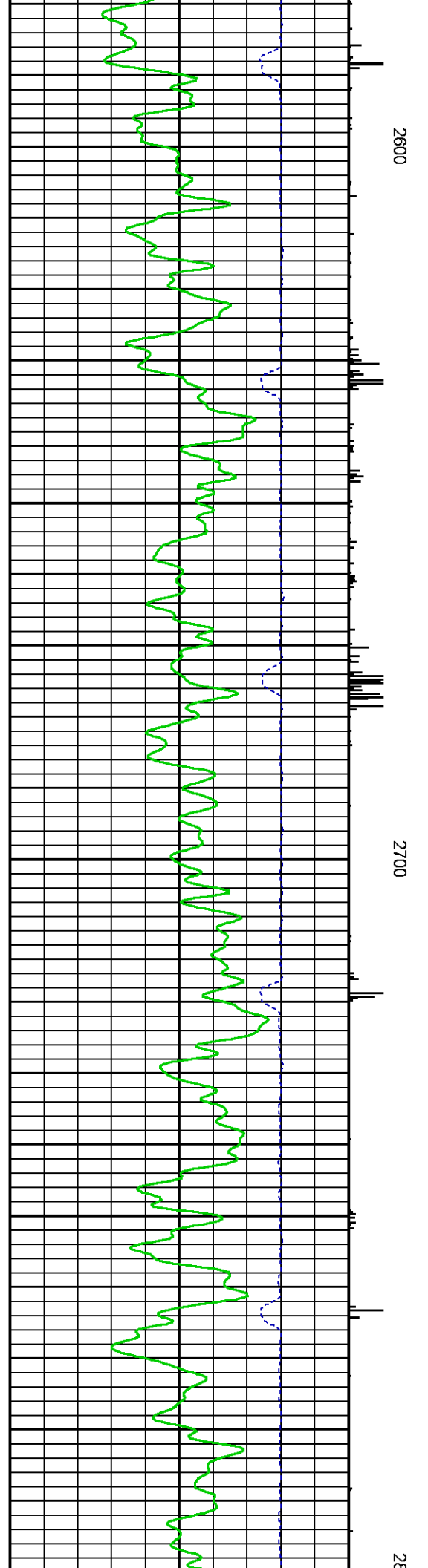
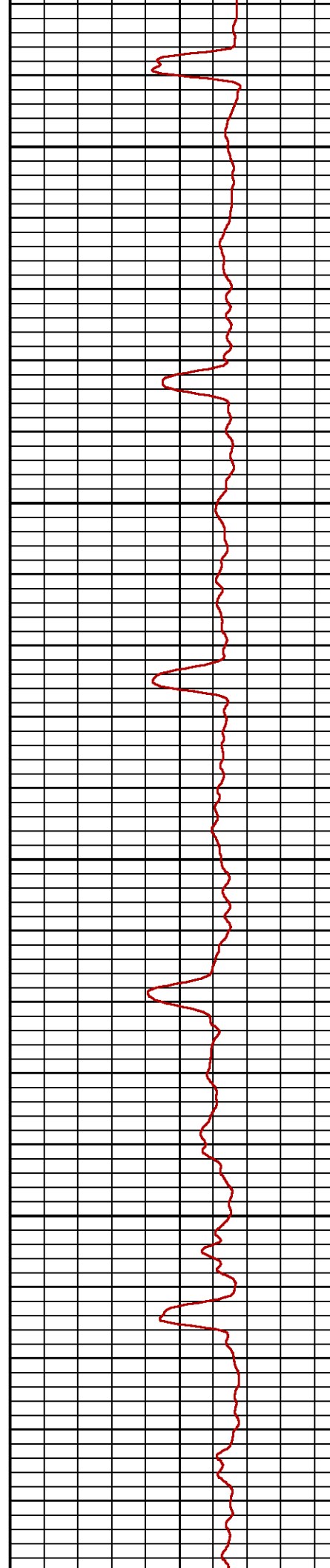
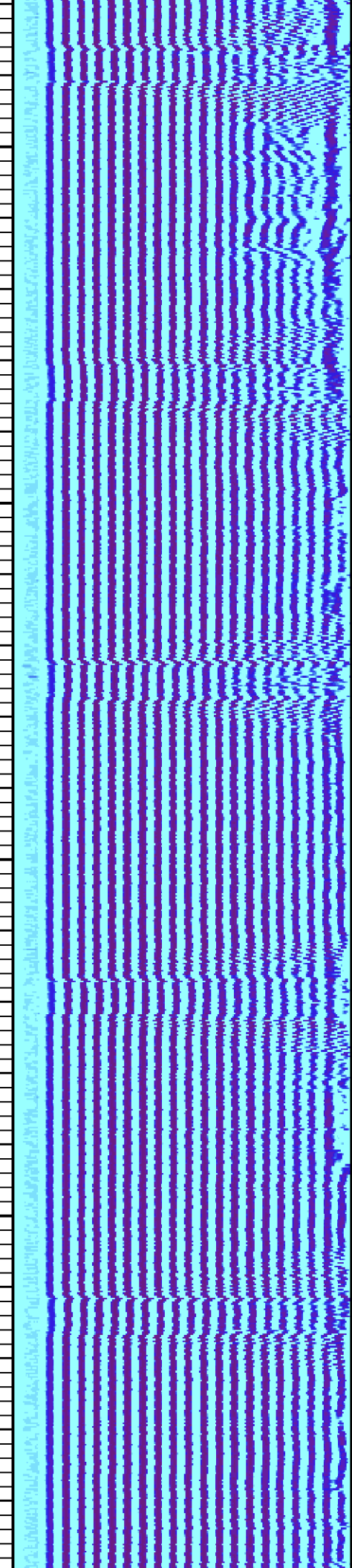


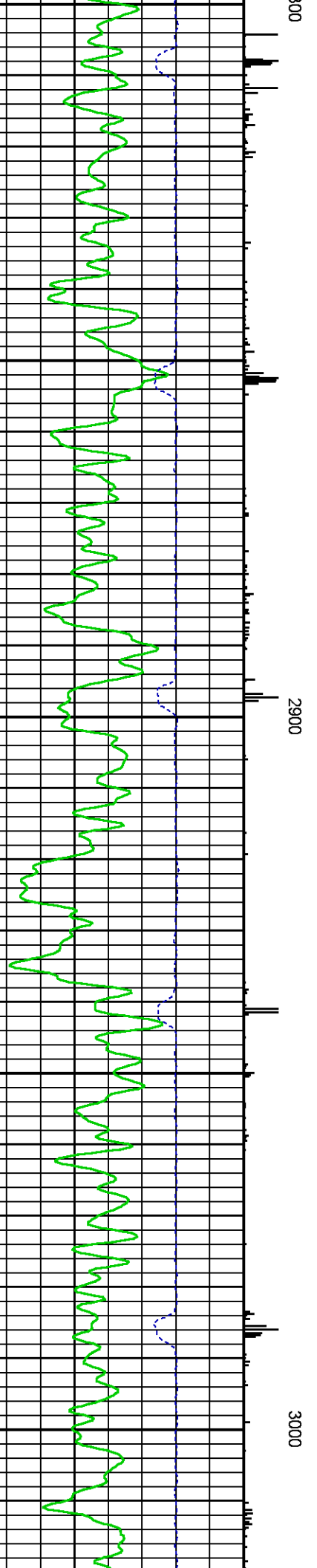
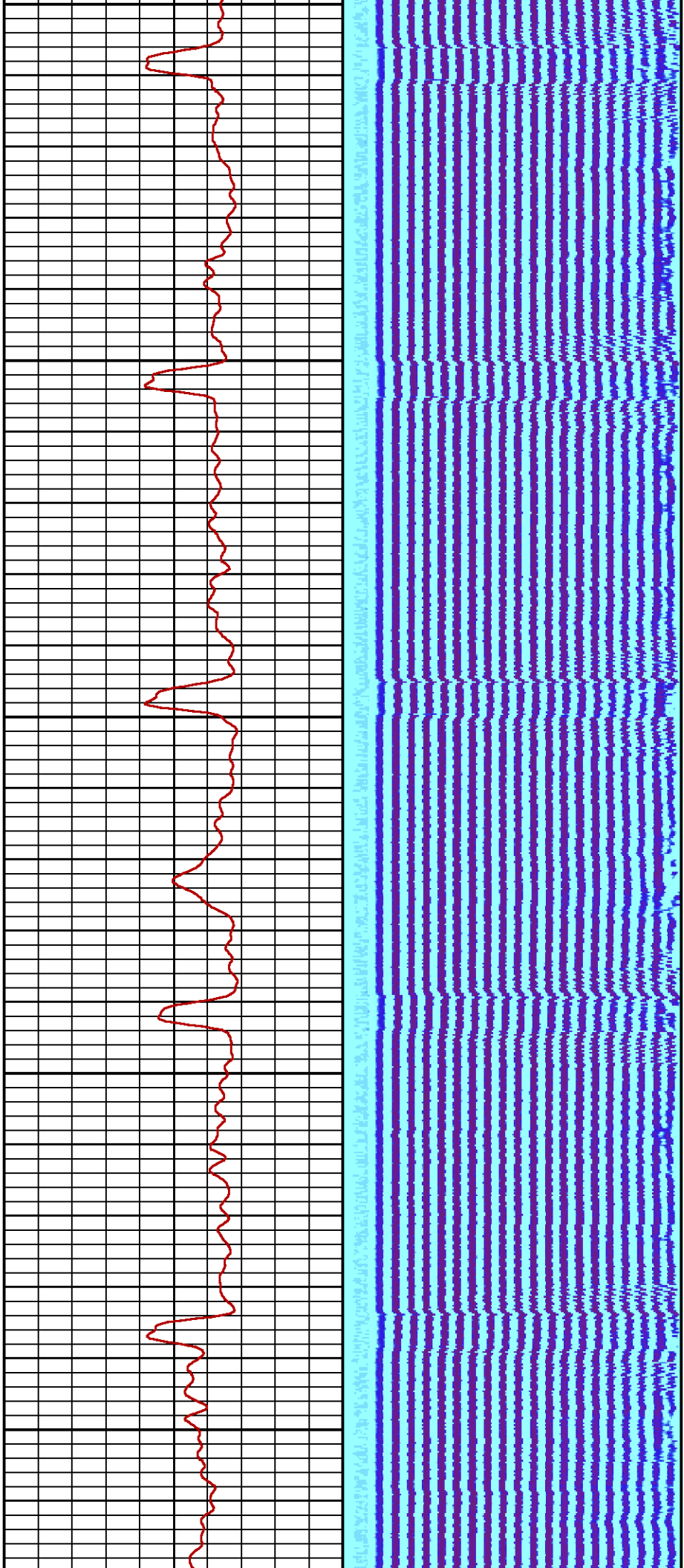


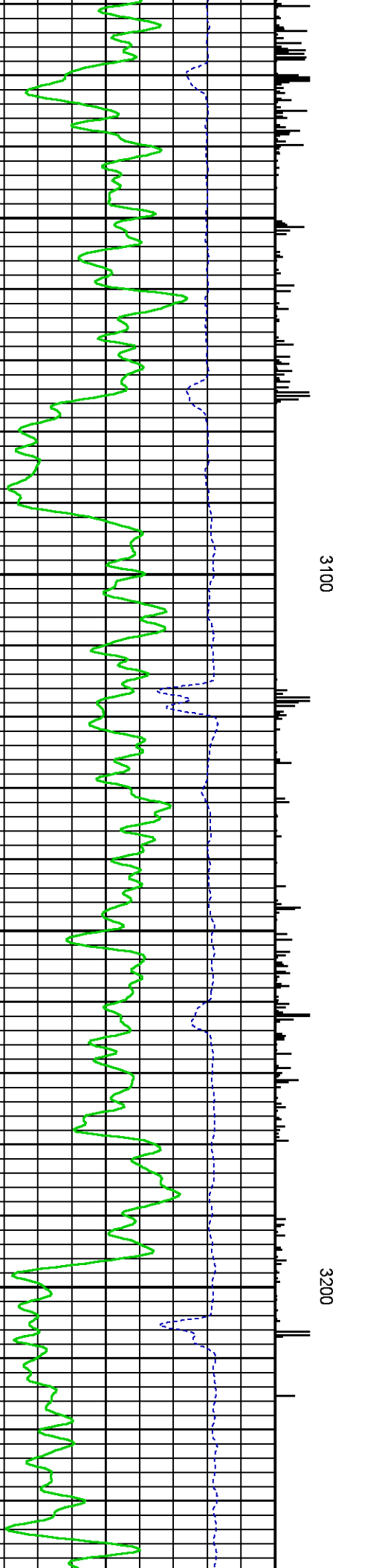
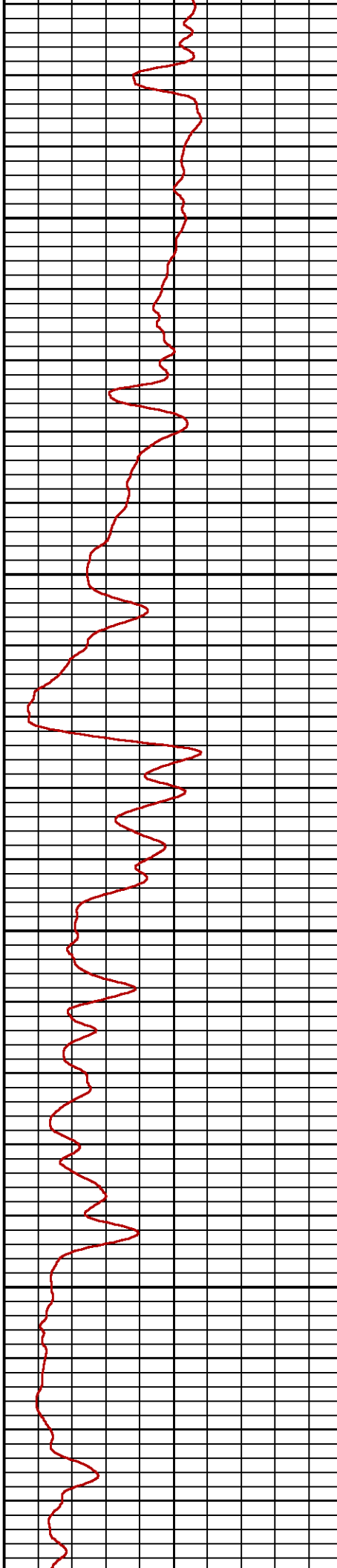
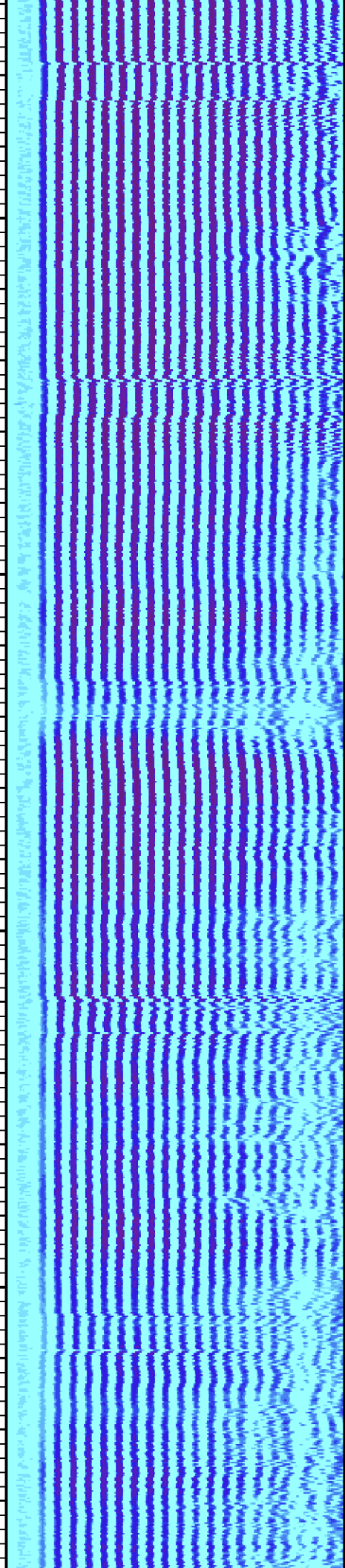


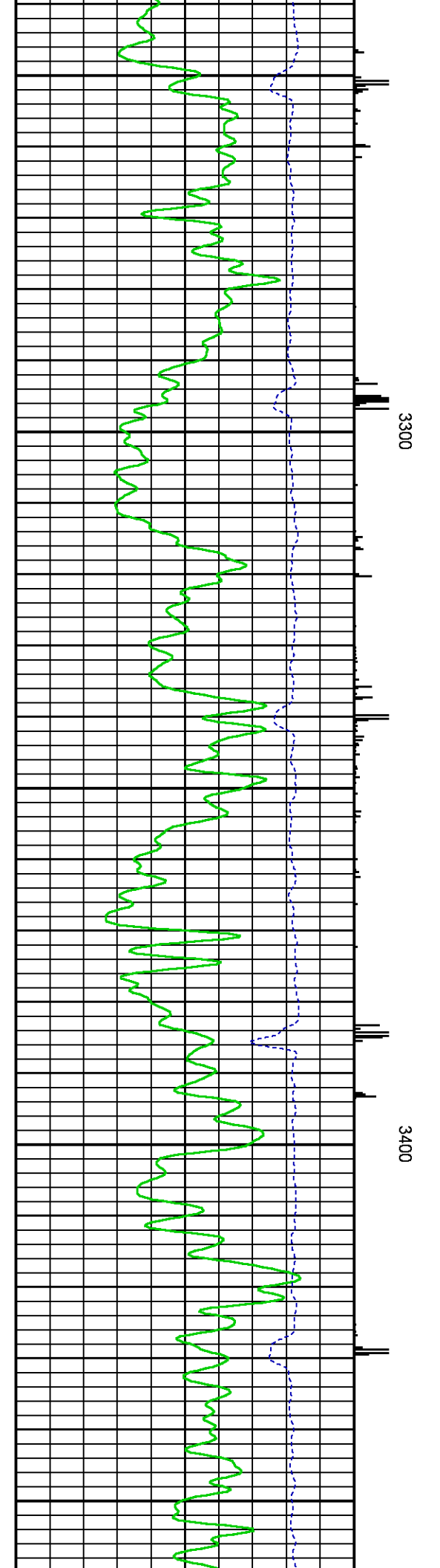
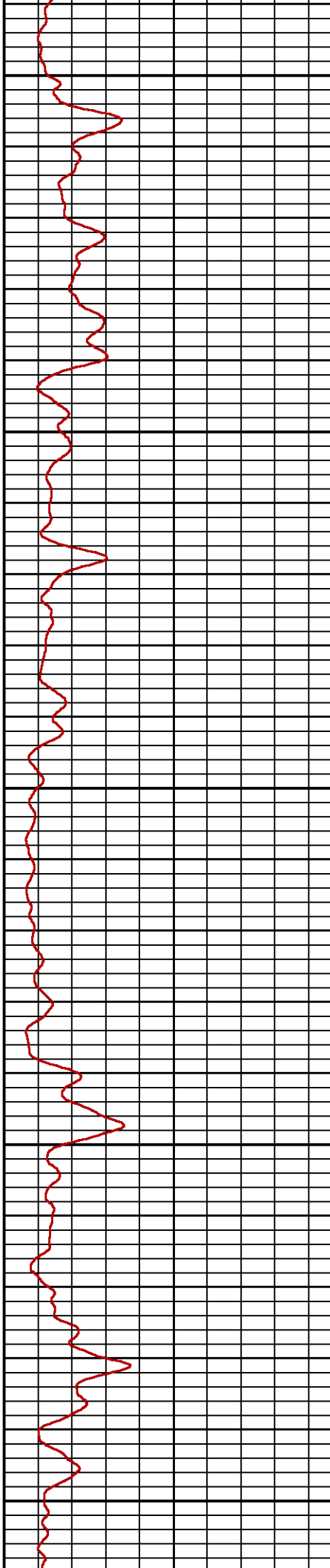
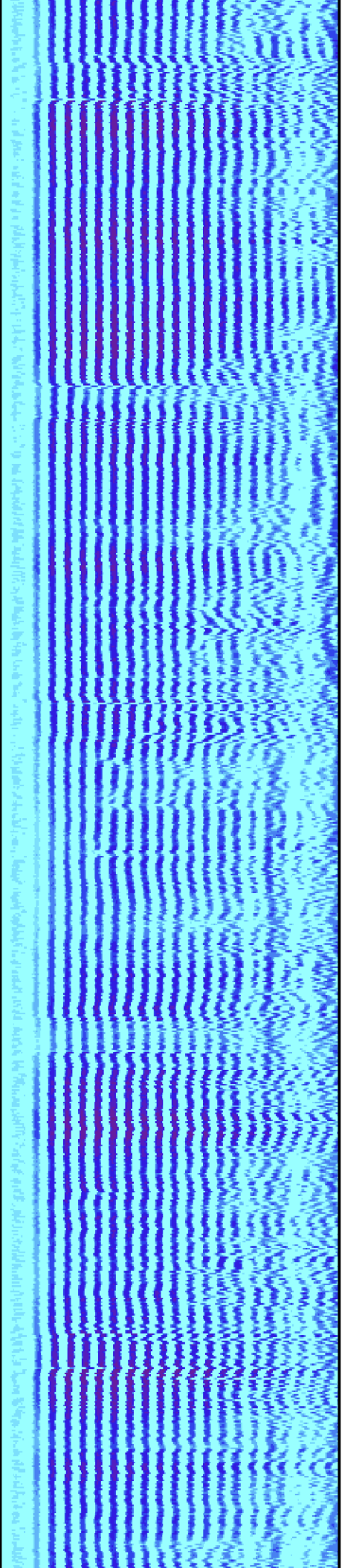


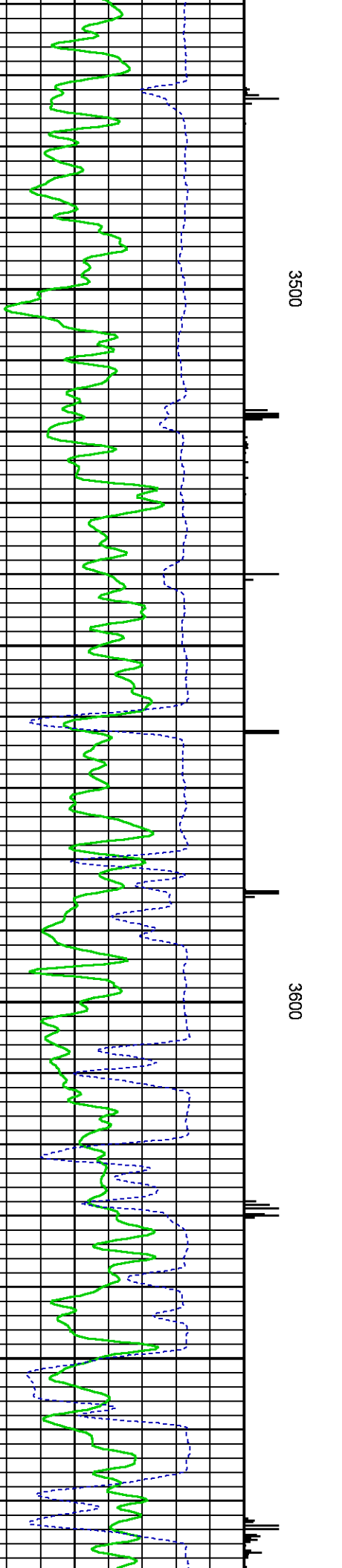
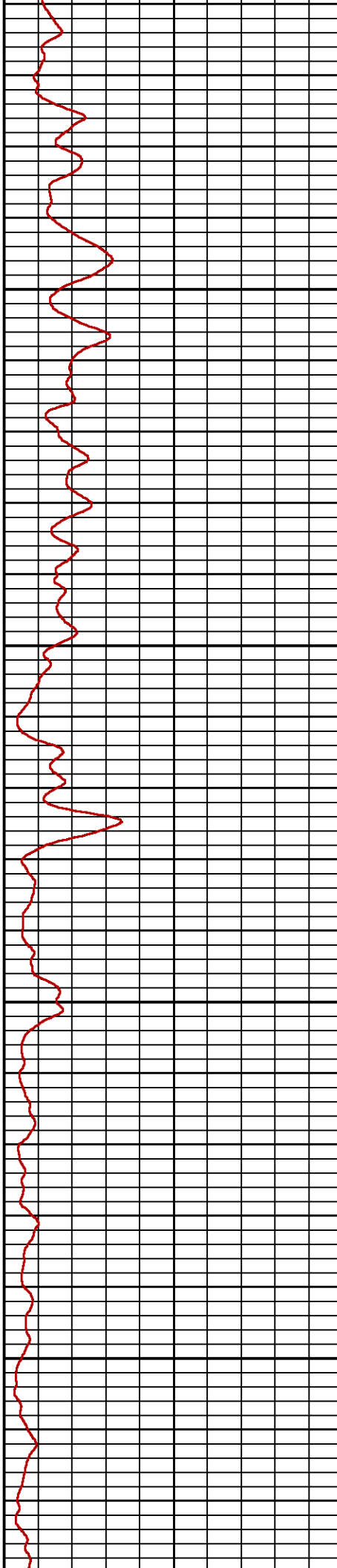
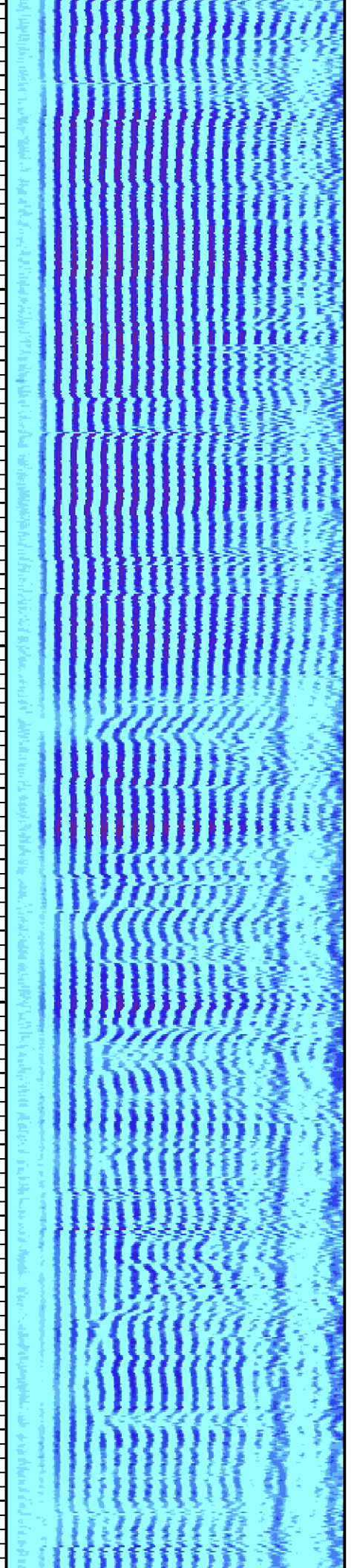


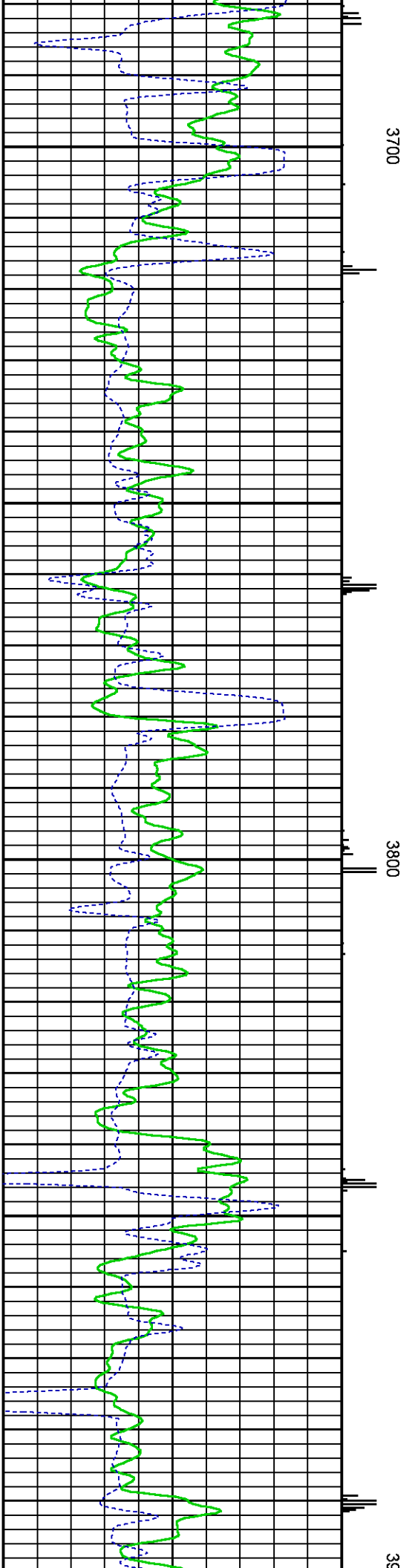
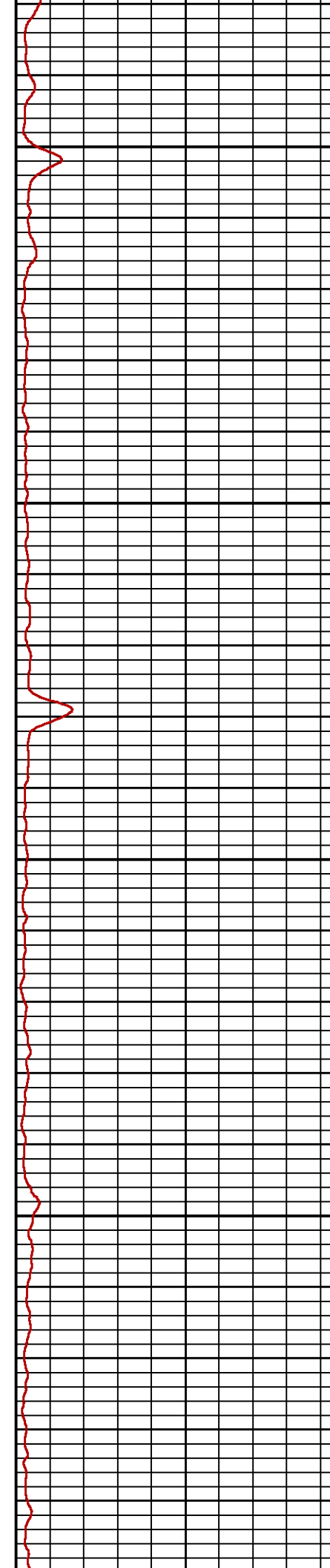
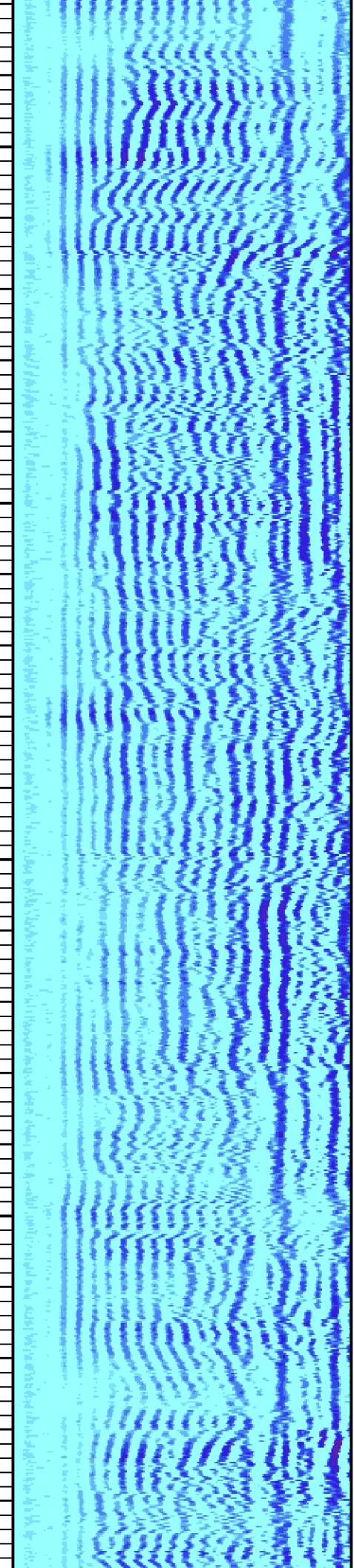








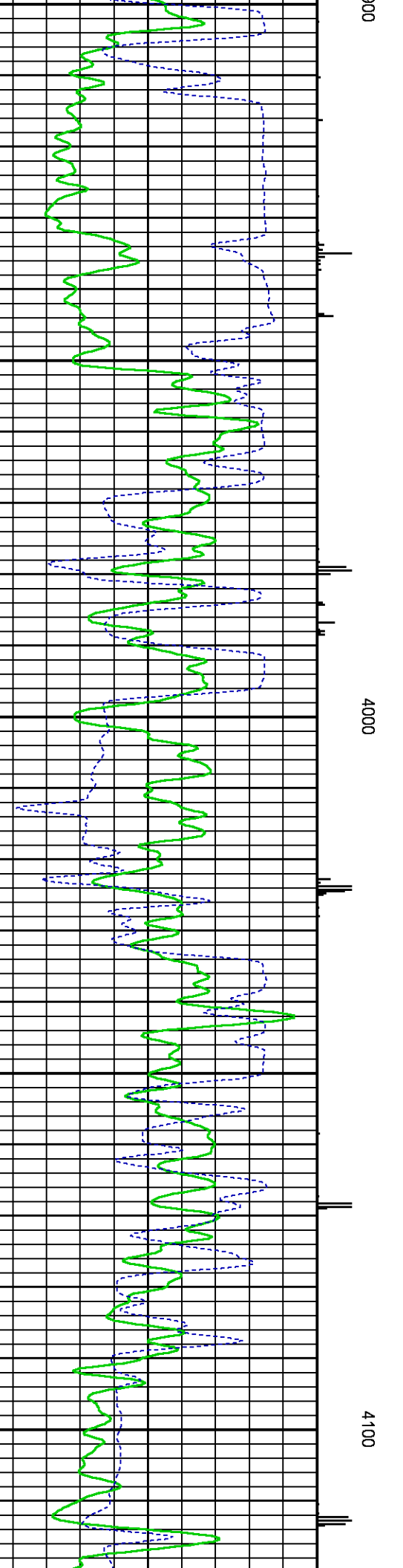
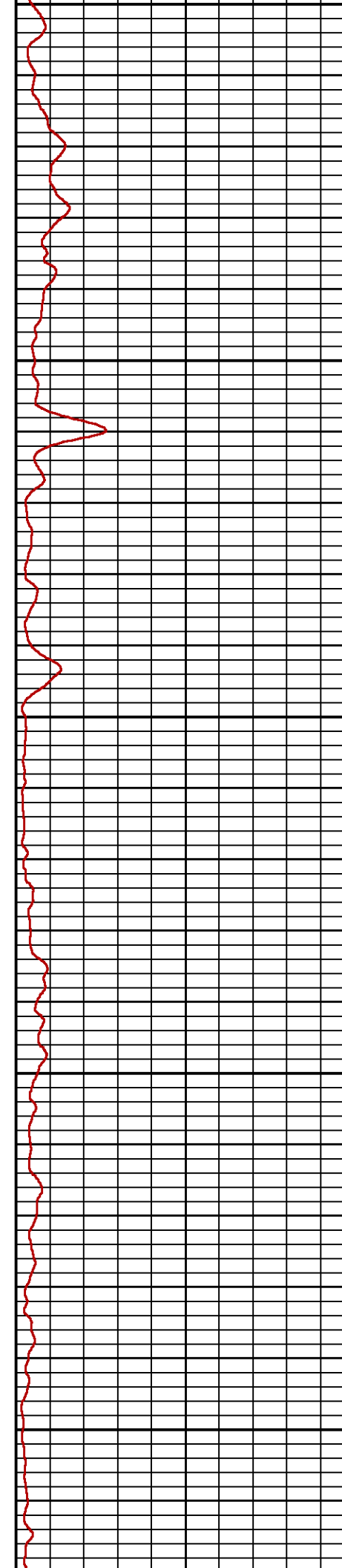
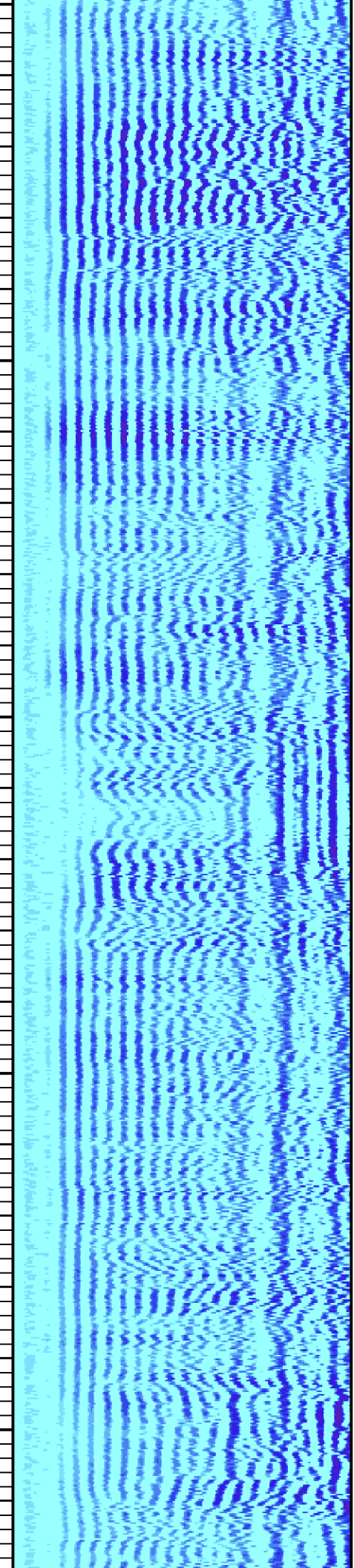


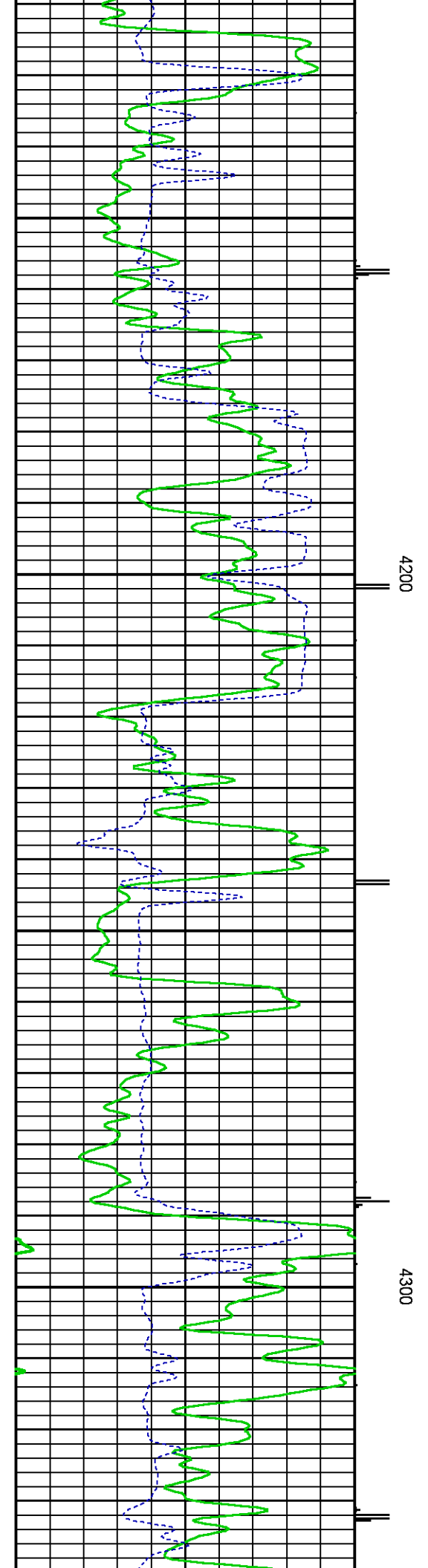
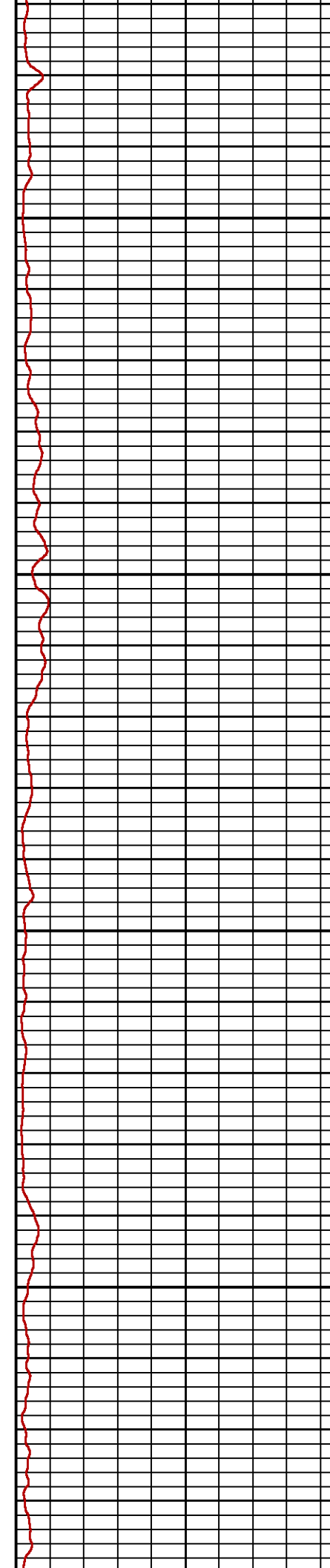
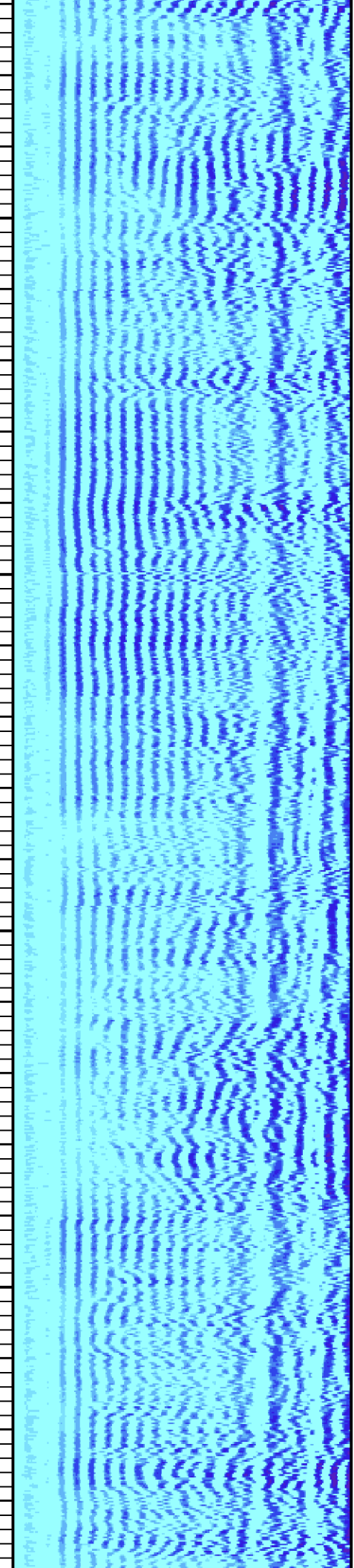


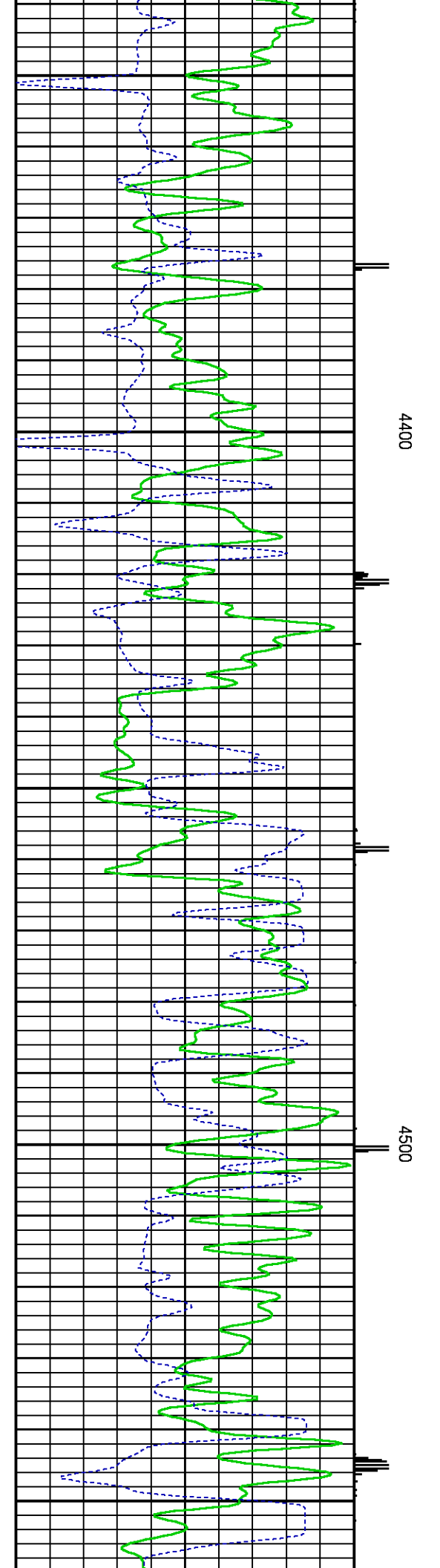
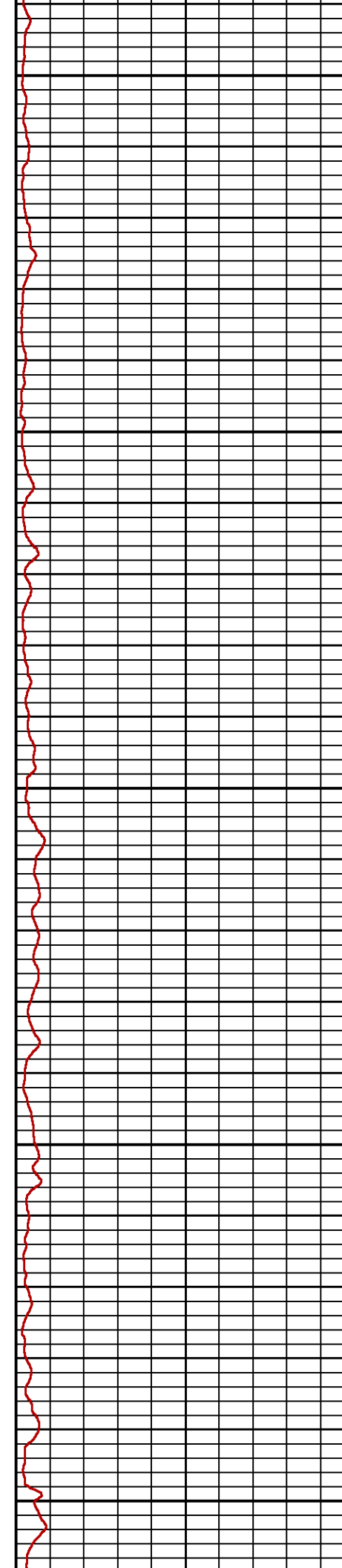
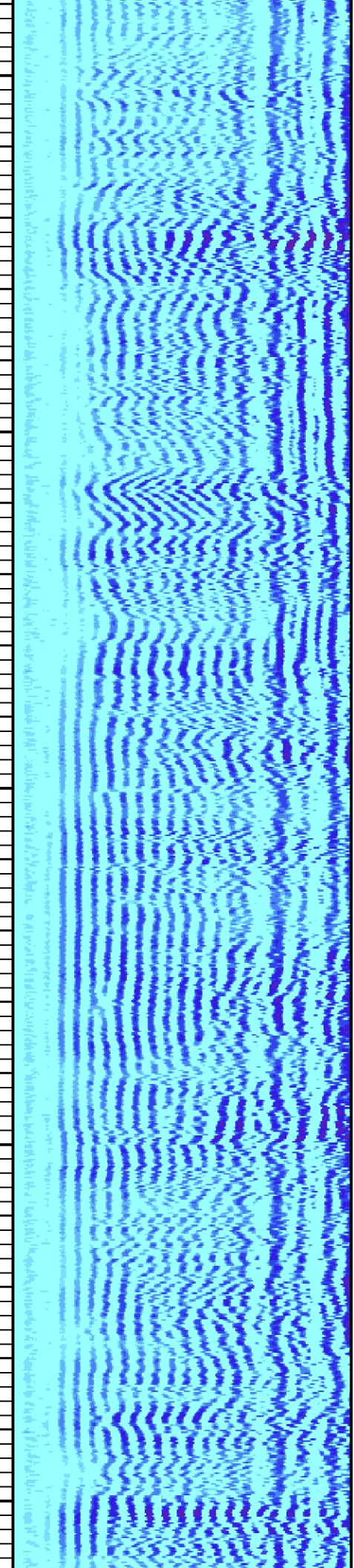
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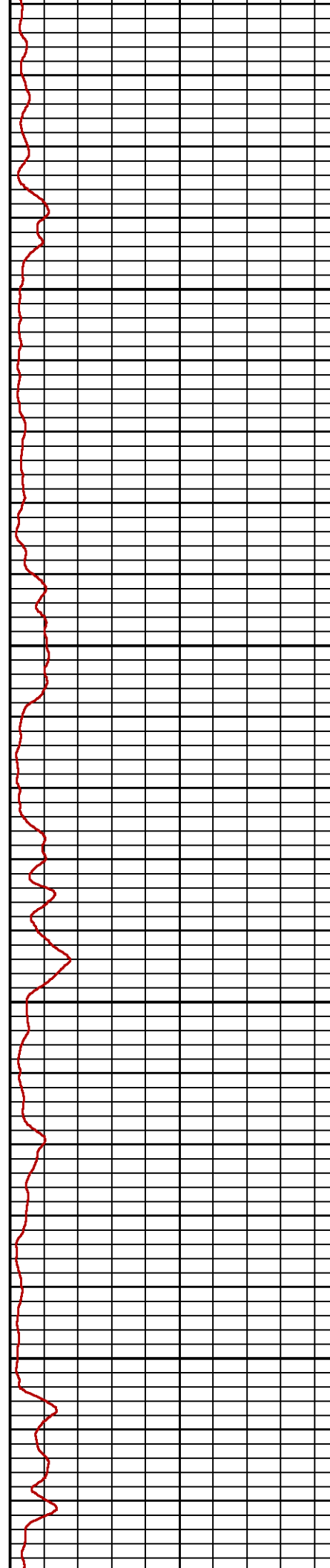
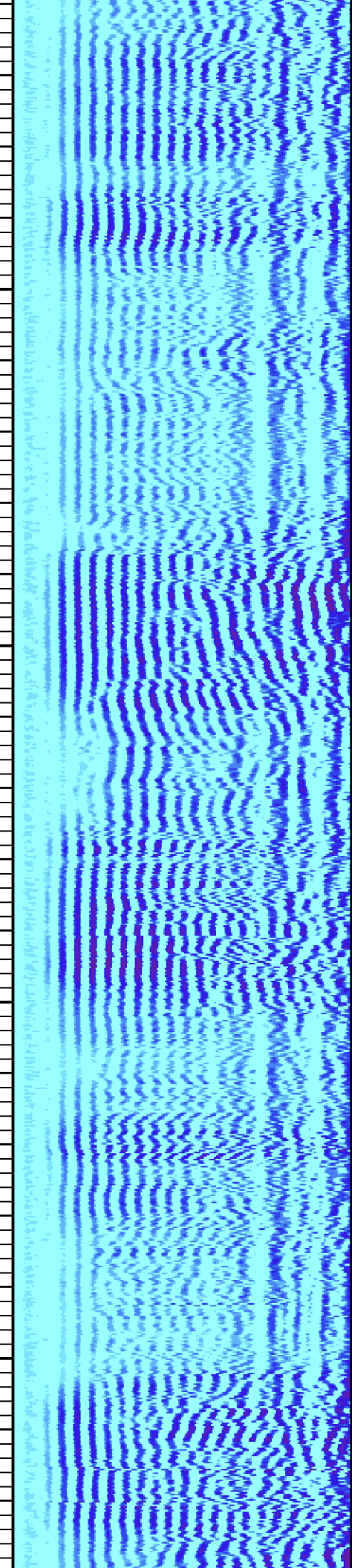
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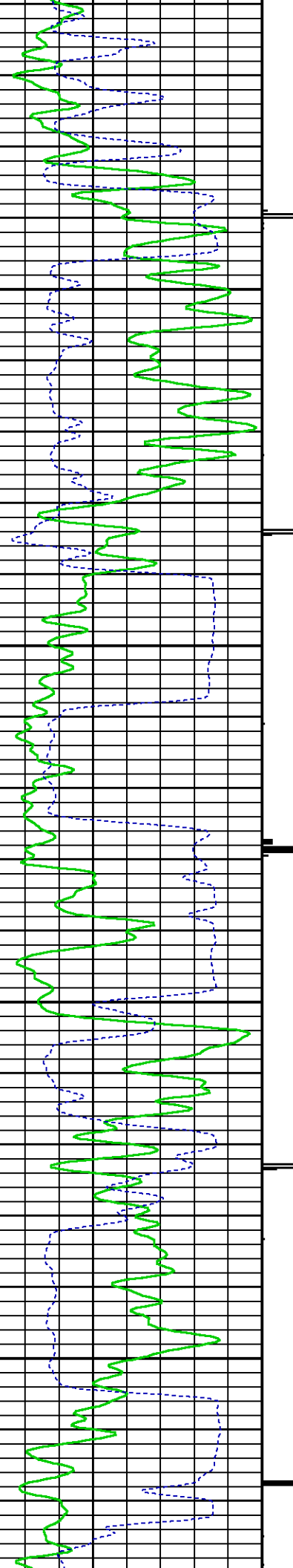


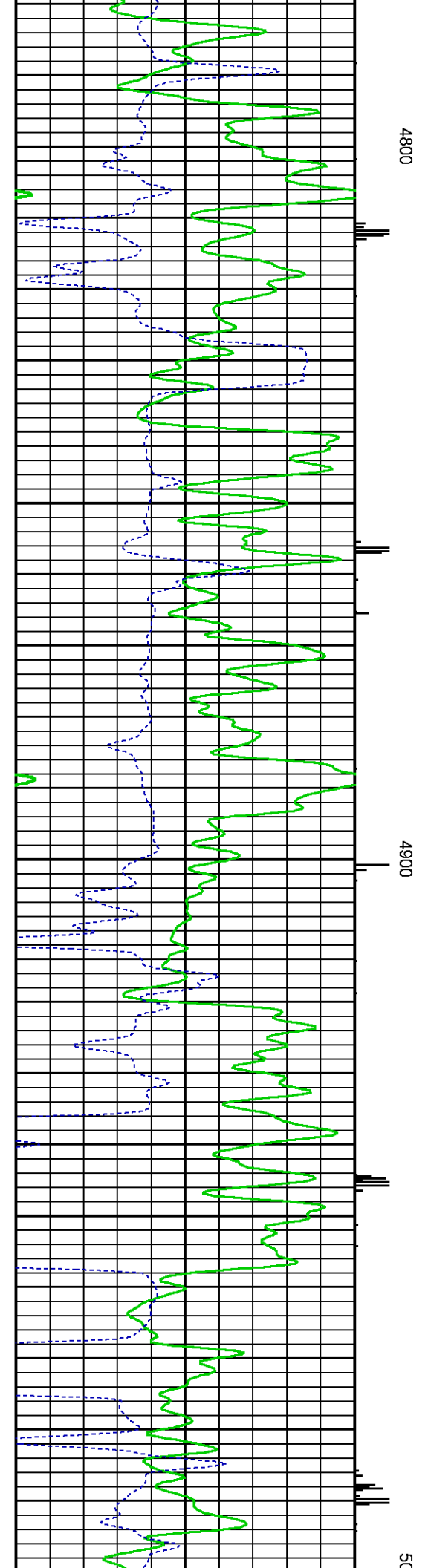
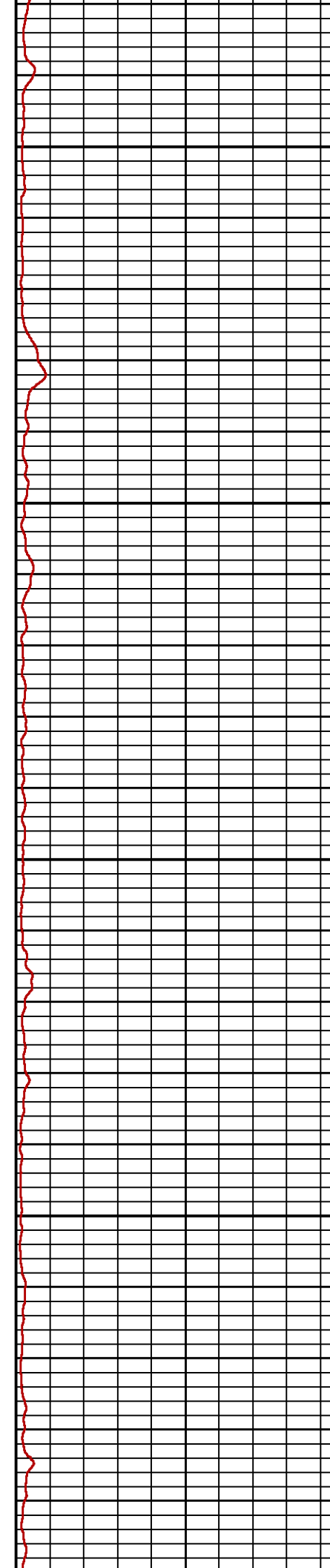
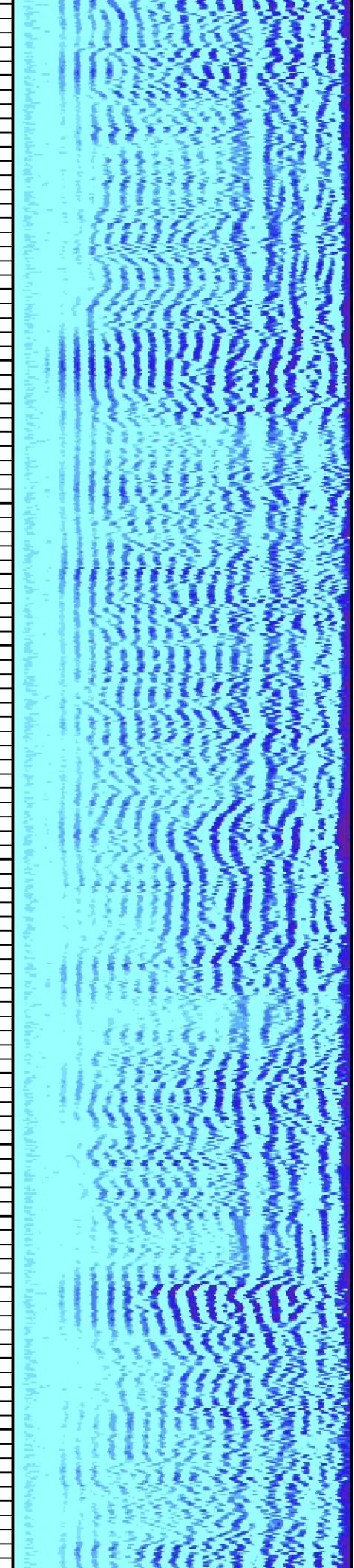


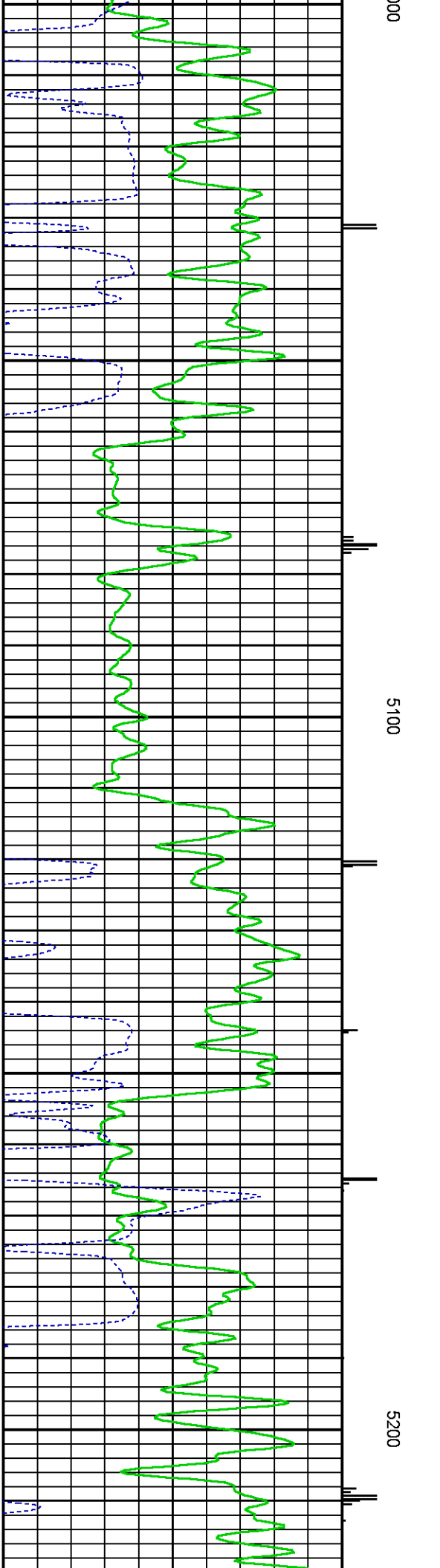
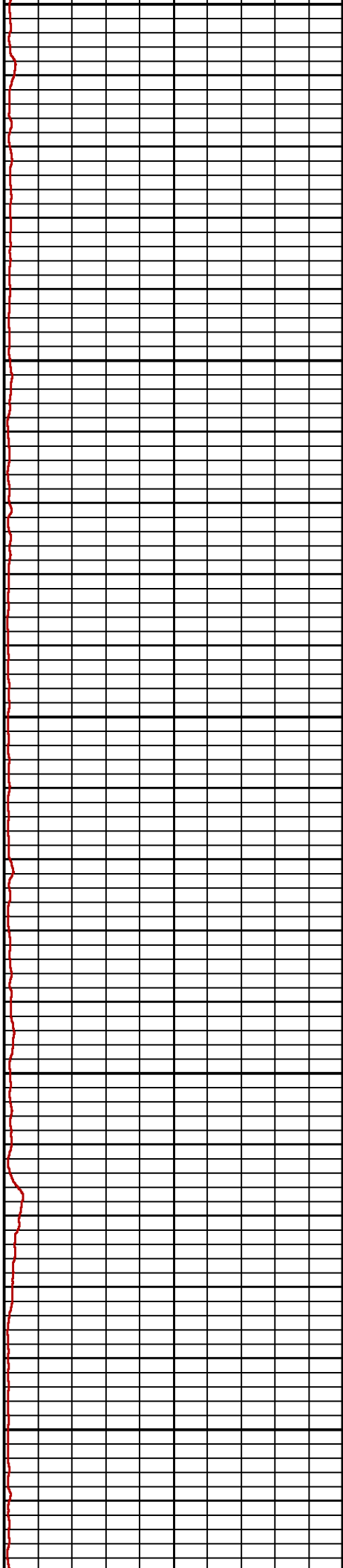
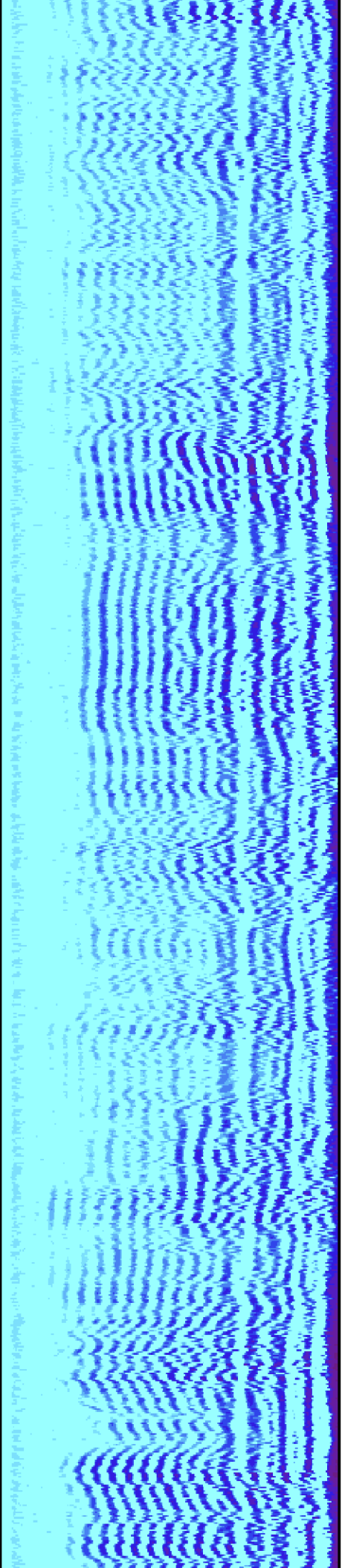


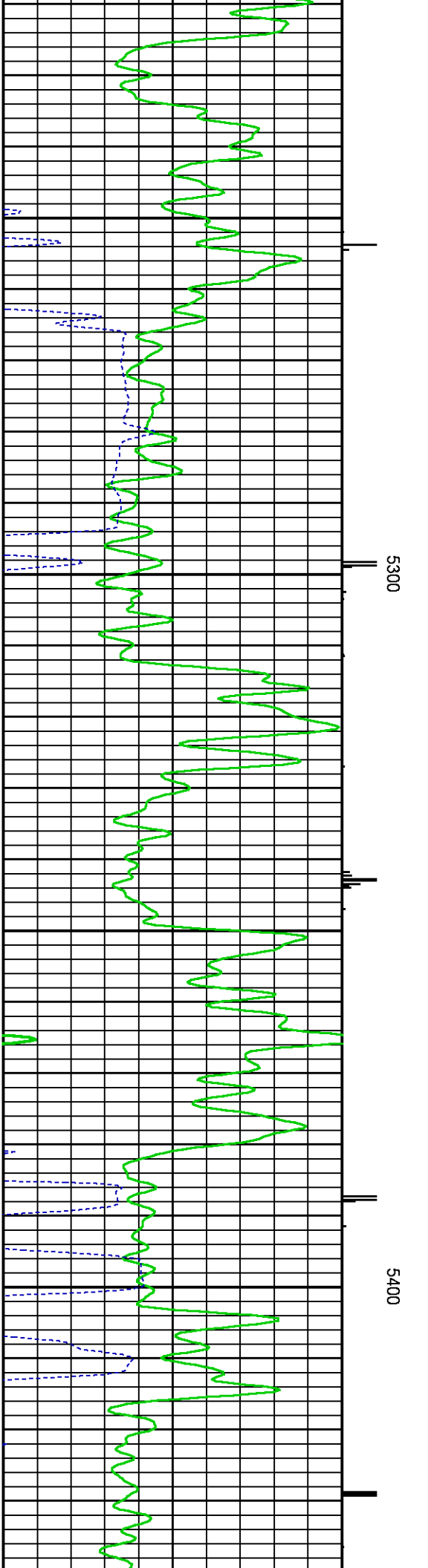
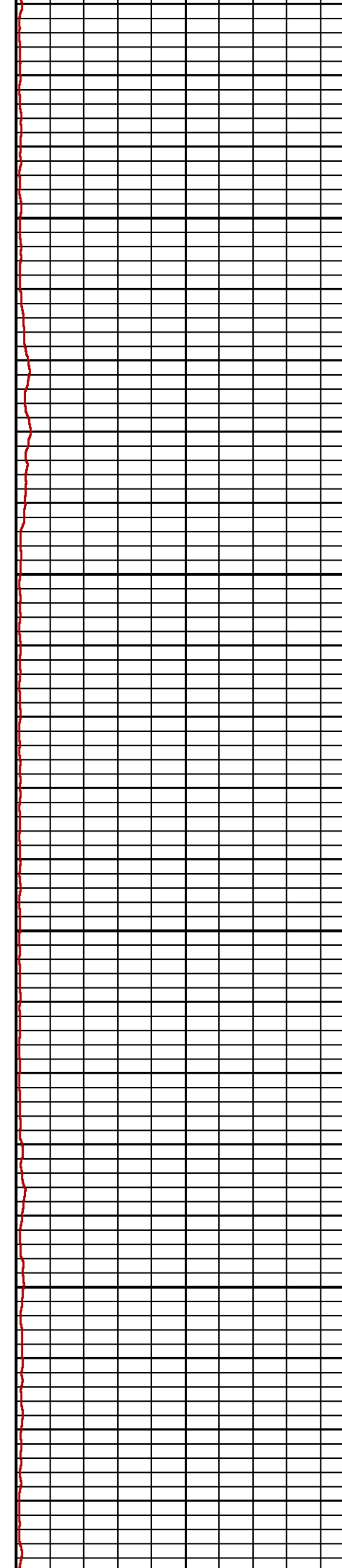
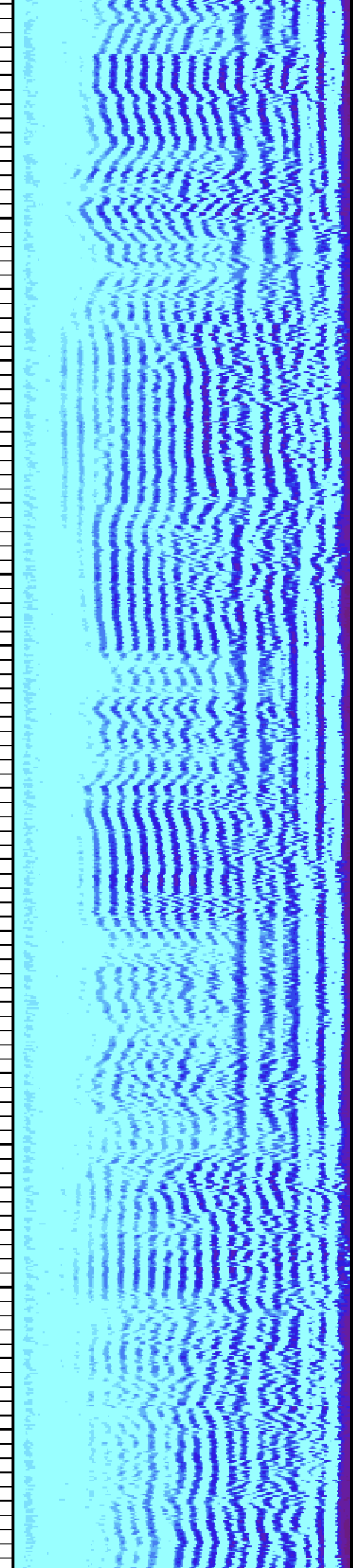
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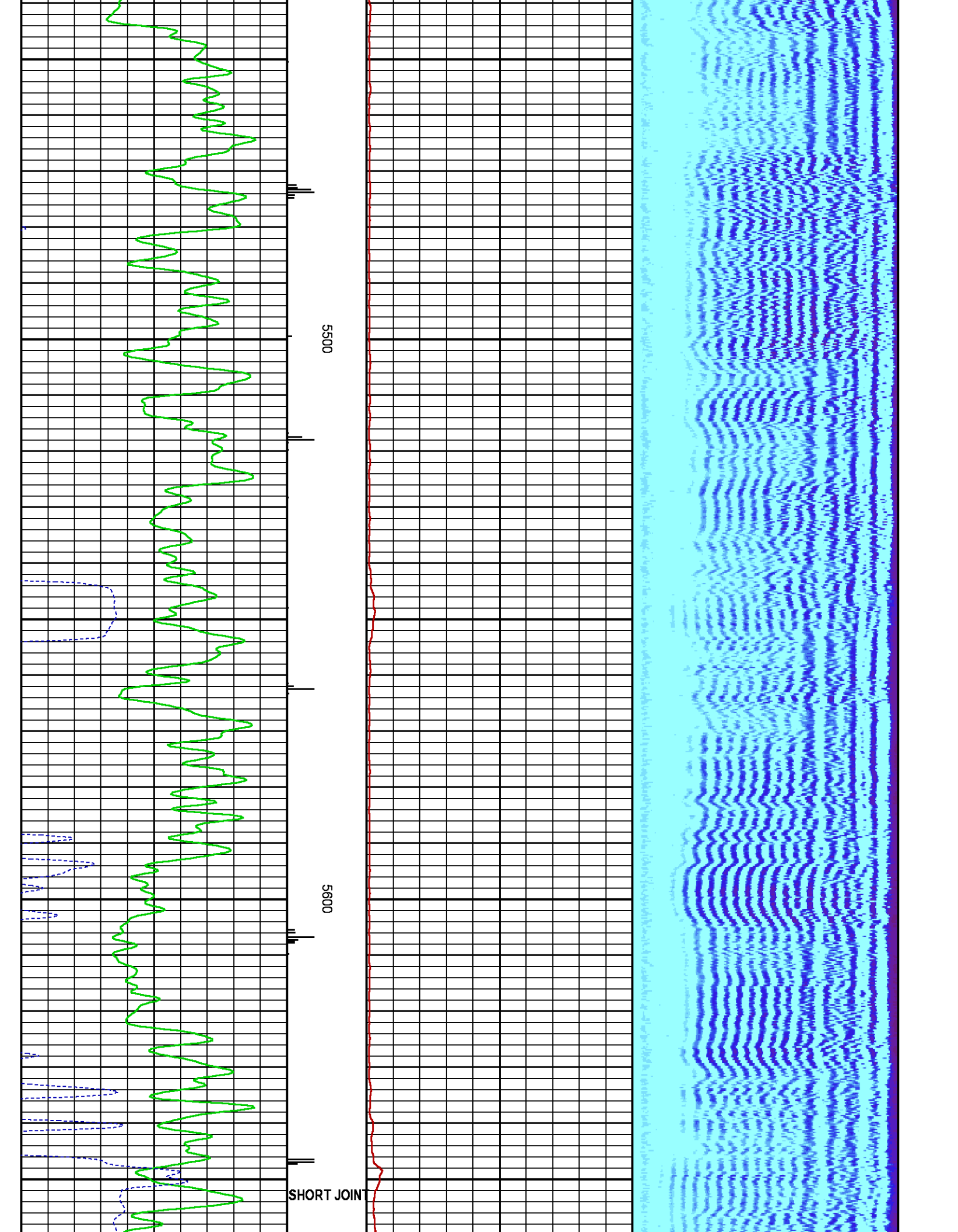
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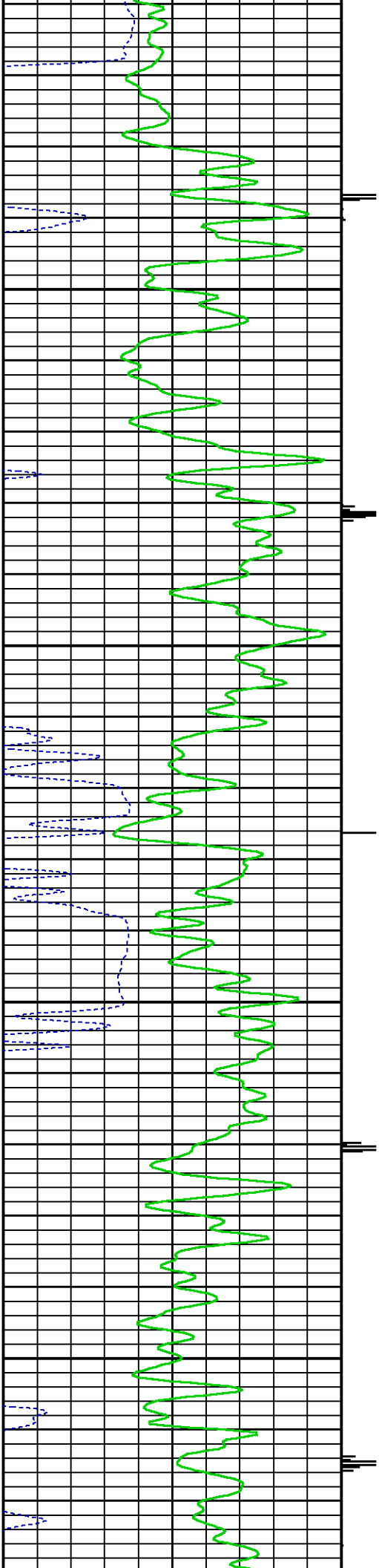






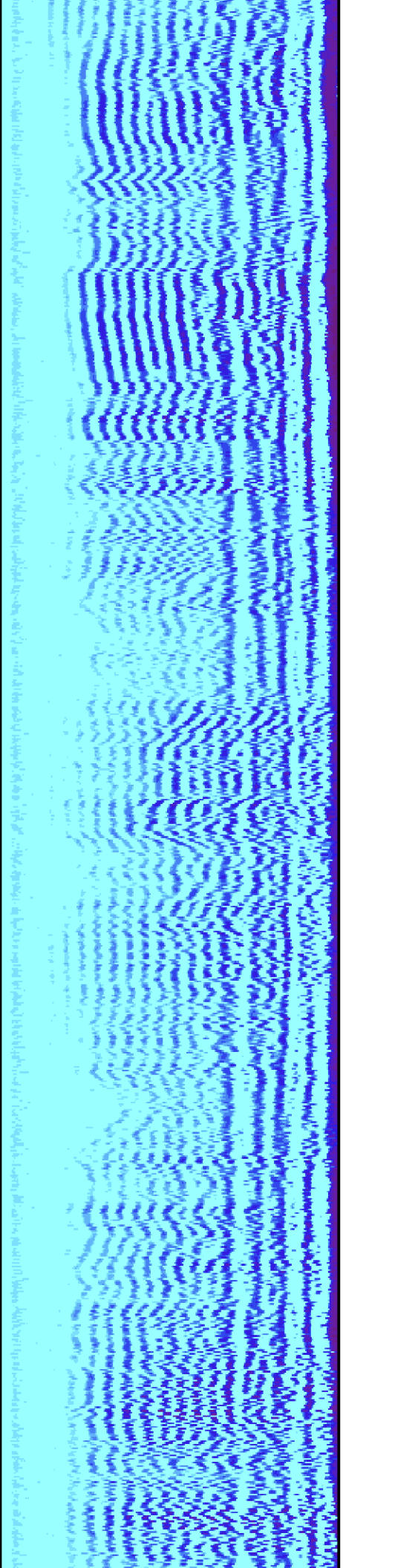
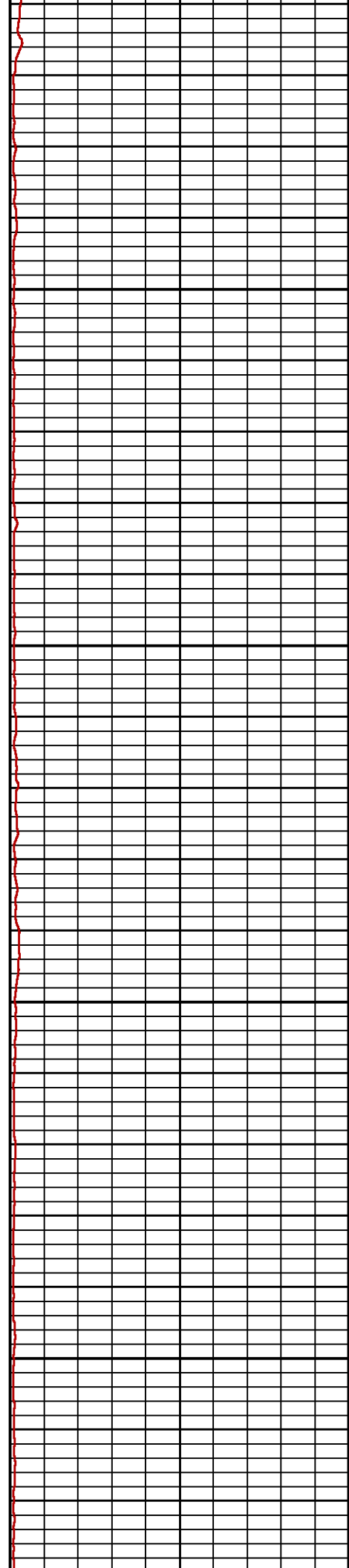


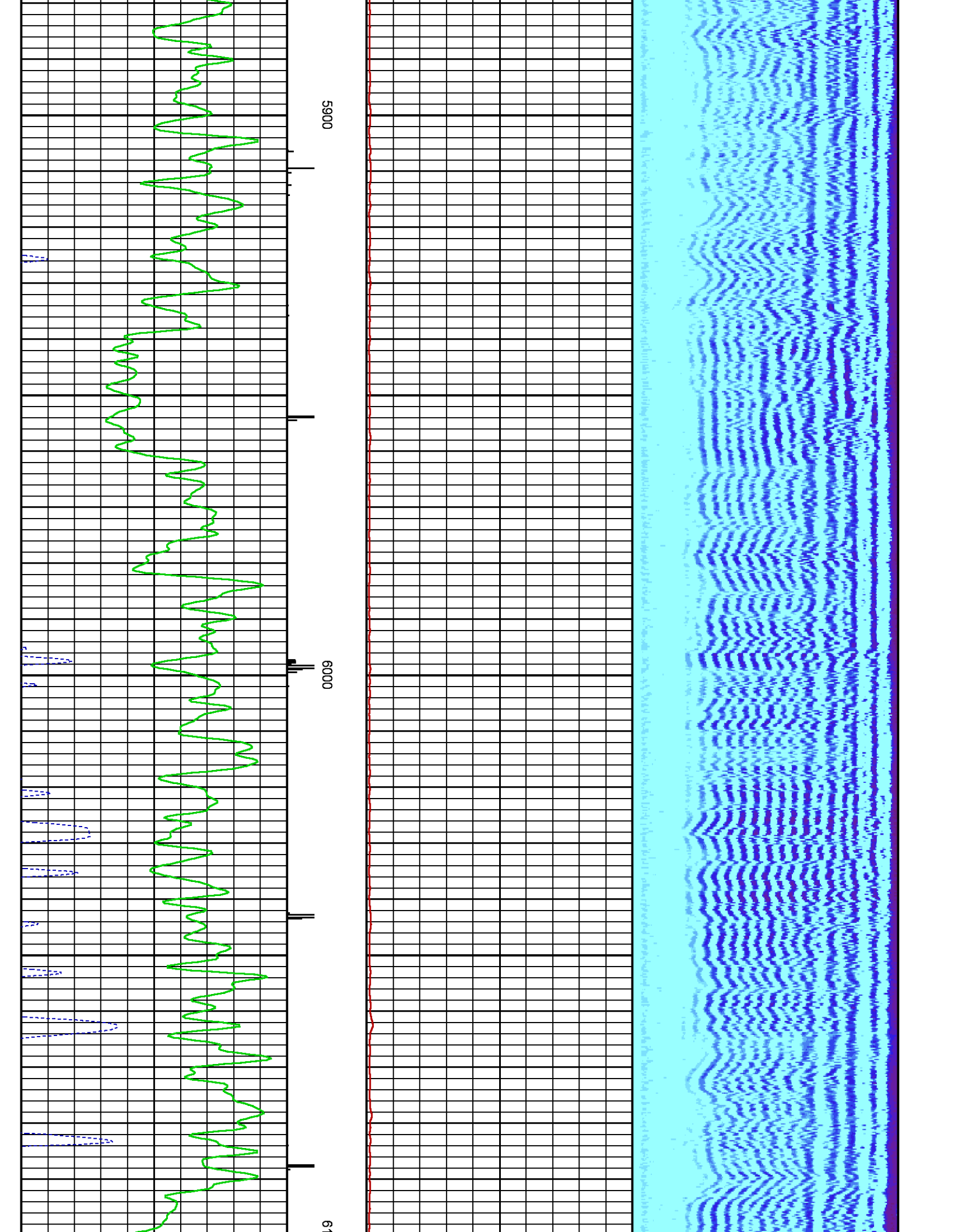


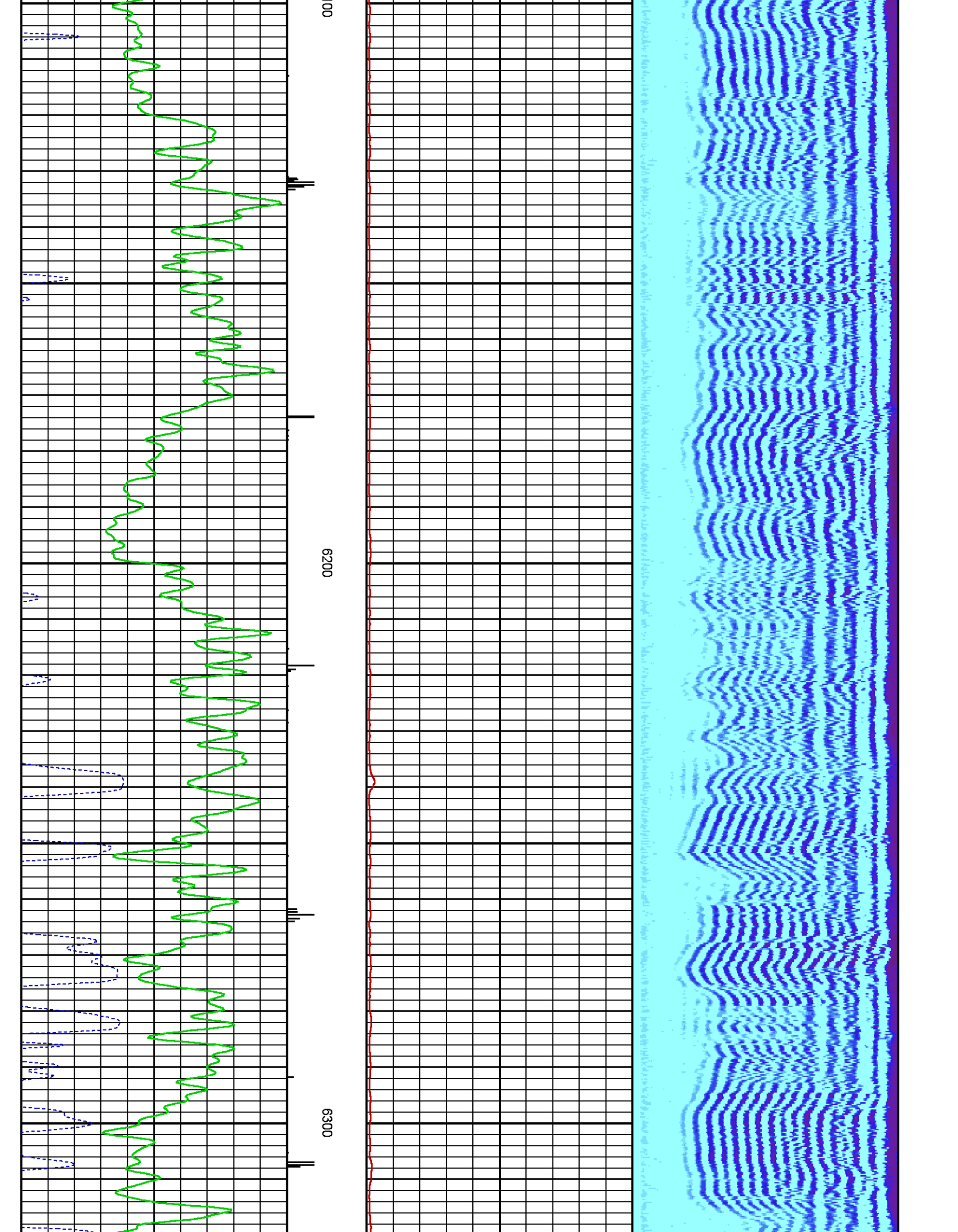


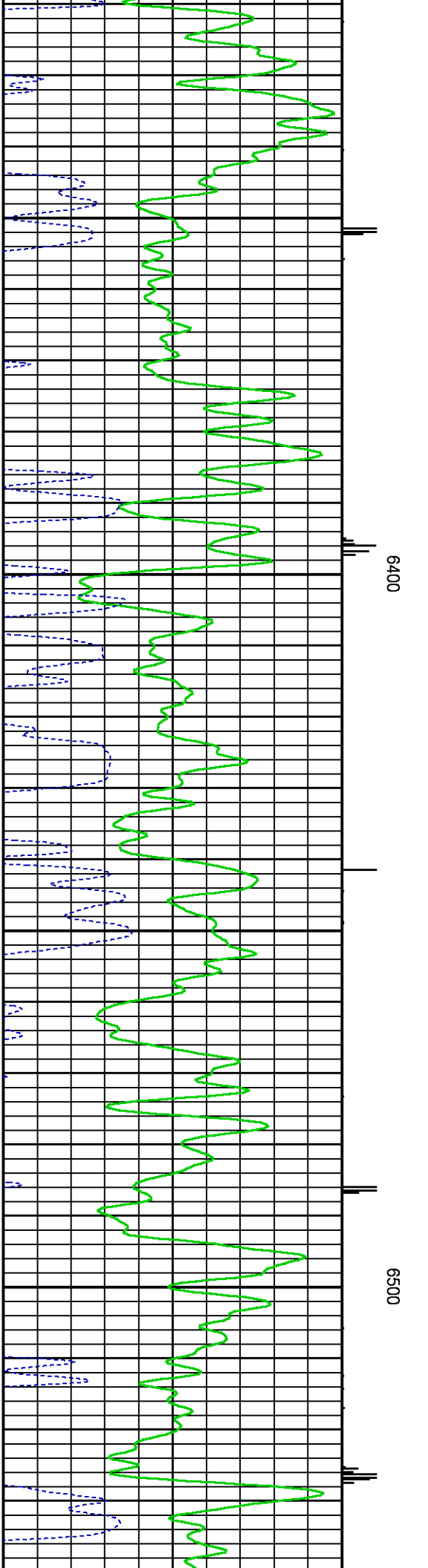
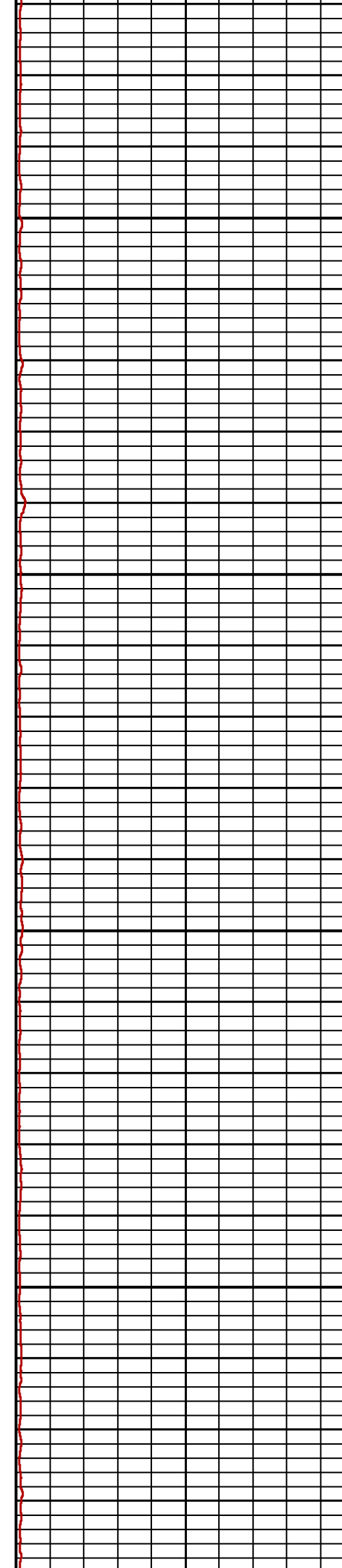
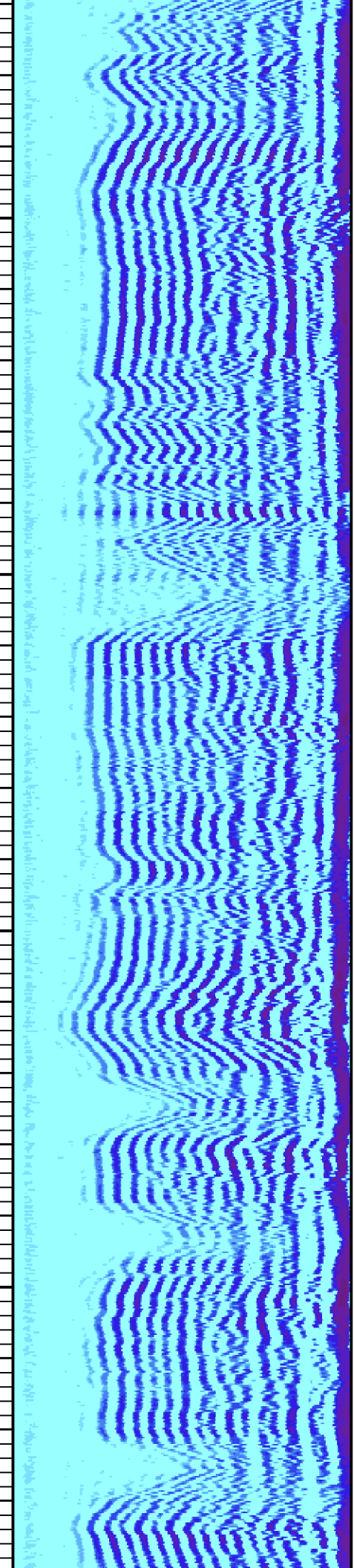
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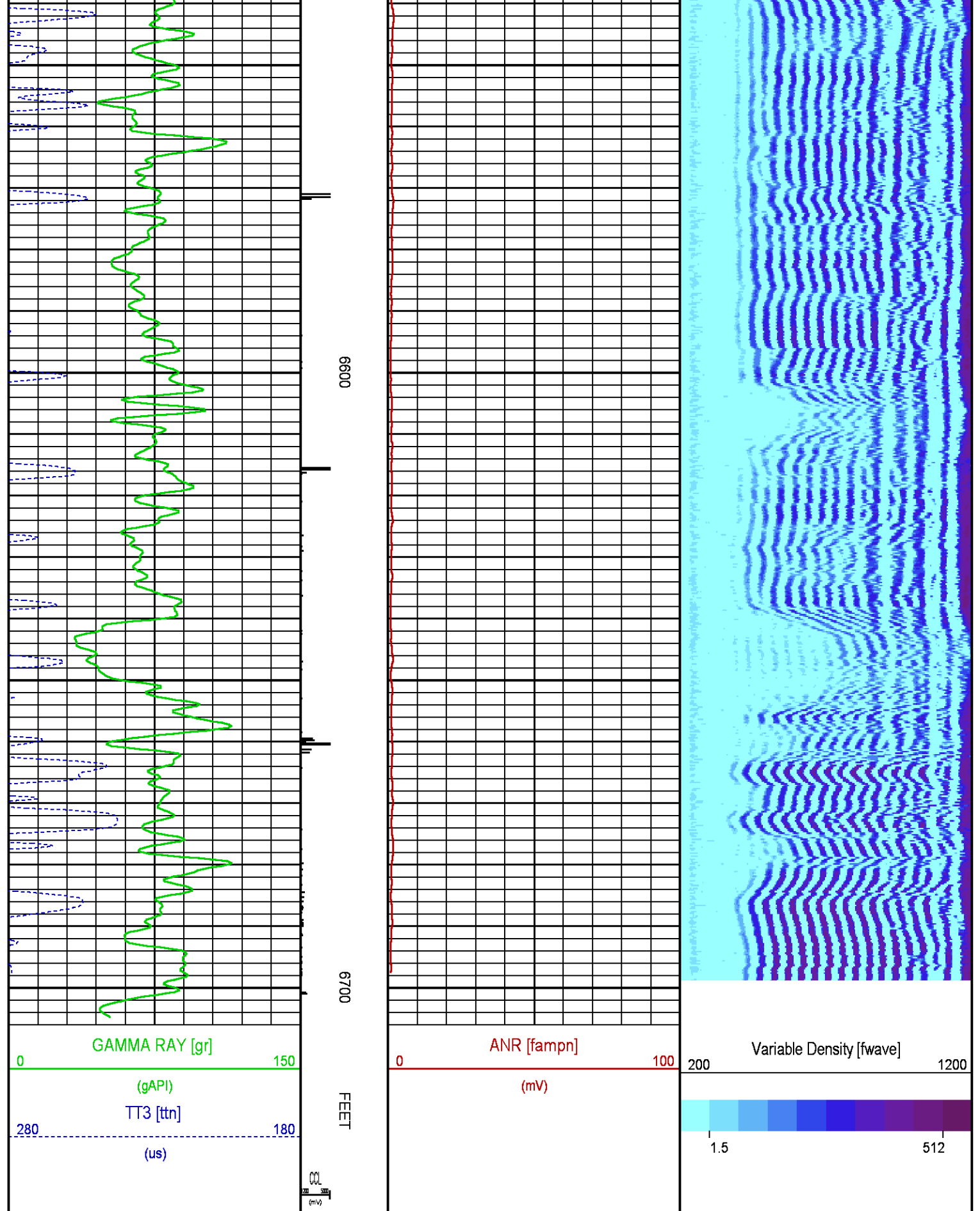
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MAIN LOG 5"/100FT SCALE 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013

Updates: 1

Plotted: Sun Jun 29 15:46:45 2014

**PARAMETER AND FILTER SUMMARY REPORT**

FILE: /dat1a/CH087294/n012e02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 29.250 ft BOTTOM DEPTH: 6715.215 ft

**SYMMETRIC FILTER**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

**RAL CCL PROCESSING**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM

**ANALOG RAL PROCESSING**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgp1*)	185	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	185	us	"	"
	AMP WINDOW START (fgp3*)	185	us	"	"
	AMP WINDOW START (fgp4*)	185	us	"	"
	AMP WINDOW START (fgp5*)	185	us	"	"
	AMP WINDOW START (fgp6*)	185	us	"	"
	AMP WINDOW START (fgp7*)	185	us	"	"
	AMP WINDOW START (fgp8*)	185	us	"	"
	AMP WINDOW START (fgpn*)	185	us	"	"
	AMP WINDOW LENGTH	30	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	160	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (str1*)	-65	us	"	"
	TOOL DELAY (str2*)	-65	us	"	"
	TOOL DELAY (str3*)	-65	us	"	"
	TOOL DELAY (str4*)	-65	us	"	"
	TOOL DELAY (str5*)	-65	us	"	"
	TOOL DELAY (str6*)	-65	us	"	"
	TOOL DELAY (str7*)	-65	us	"	"
	TOOL DELAY (str8*)	-65	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

**PERCENT BOND CEMENT MAP**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
RAL FREE PIPE AMPLITUDE	FREE AMP REC 1	81	mV	TOP	BOTTOM
	FREE AMP REC 2	81	mV	"	"
	FREE AMP REC 3	81	mV	"	"
	FREE AMP REC 4	81	mV	"	"
	FREE AMP REC 5	81	mV	"	"
	FREE AMP REC 6	81	mV	"	"
	FREE AMP REC 7	81	mV	"	"
	FREE AMP REC 8	81	mV	"	"
RAL FULL BOND AMPLITUDE	FULL BOND AMP REC 1	2	mV	"	"
	FULL BOND AMP REC 2	2	mV	"	"
	FULL BOND AMP REC 3	2	mV	"	"
	FULL BOND AMP REC 4	2	mV	"	"
	FULL BOND AMP REC 5	2	mV	"	"
	FULL BOND AMP REC 6	2	mV	"	"

### CURVE DESCRIPTION REPORT

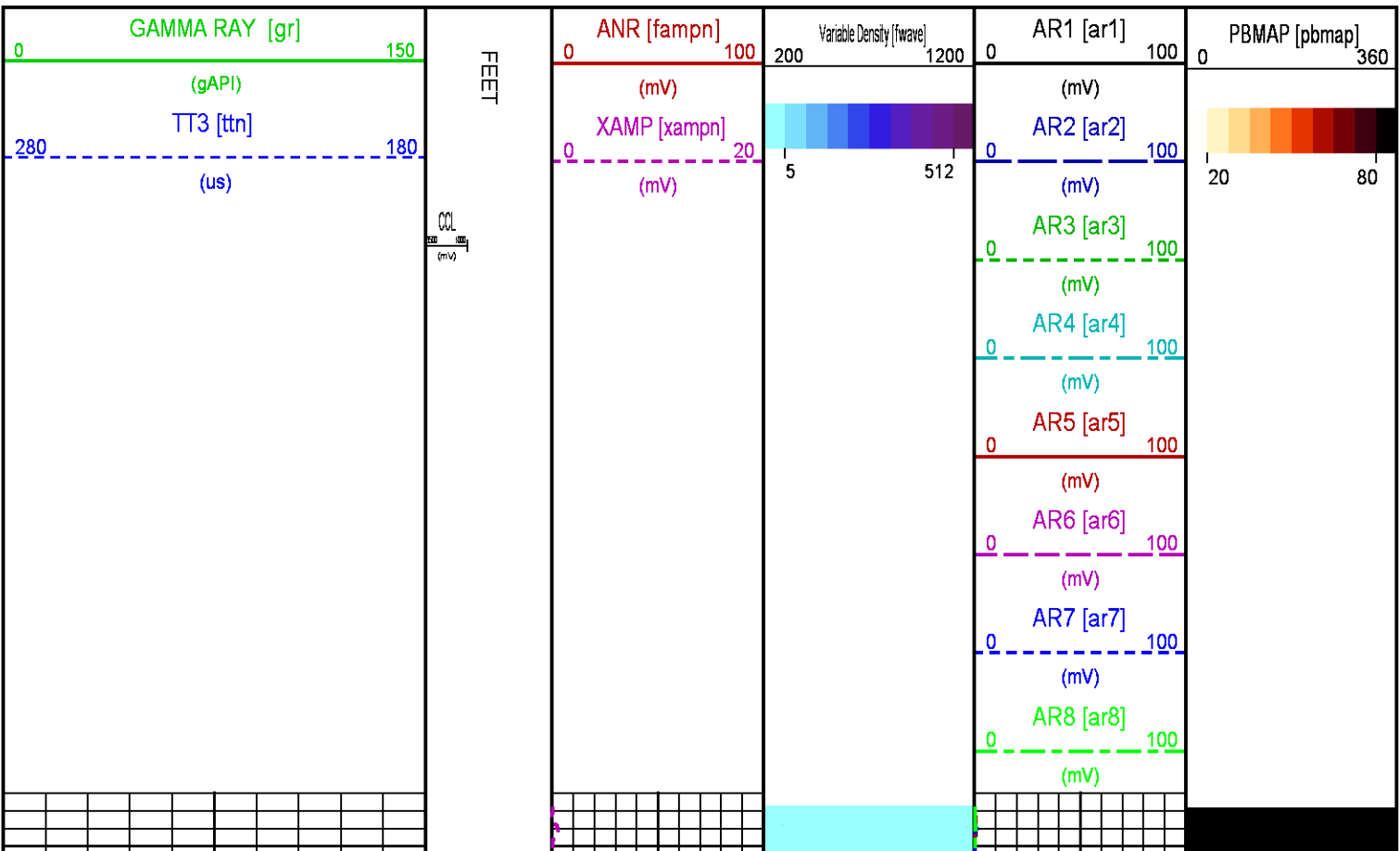
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE T-R1
F1:AR2	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE T-R2
F1:AR3	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE T-R3
F1:AR4	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE T-R4
F1:AR5	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE T-R5
F1:AR6	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE T-R6
F1:AR7	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE T-R7
F1:AR8	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE T-R8
F1:CCL	Jun 29 10:51:23 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 29 10:51:23 2014	FAR WAVE FORM
F1:GR	Jun 29 10:51:23 2014	GAMMA RAY
F1:PBMAP	Jun 29 10:51:23 2014	PERCENT BOND CEMENT MAP
F1:TTN	Jun 29 10:51:23 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

### CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	13.75	AR5	13.75	CCL	8.50	XAMPN	13.75
AR2	13.75	AR6	13.75	FAMPN	13.75		
AR3	13.75	AR7	13.75	GR	6.50		
AR4	13.75	AR8	13.75	TTN	13.75		

**Presentation** : HL6670:WPX\_SECONDARY\_CBL.fvpdf [5"/100' Scale]  
**Plot Interval** : 14.5 - 6711.5 Feet

**Data File 1** : F1 : HL6670:/dat1a/CH087294/n012e02\_2.xtf  
**Created On** : Jun 29 10:51:23 2014  
**Company** : WPX ENERGY INC  
**Well** : C & C ENERGY GM 423-13  
**Field** : GRAND VALLEY  
**File Interval** : 14.5 - 6711.5 Feet  
**OCT** : n012e



WELL HEAD

FLUID LEVEL

GR

TTN

FAMPN

AR1

AR2

AR3

AR4

AR5

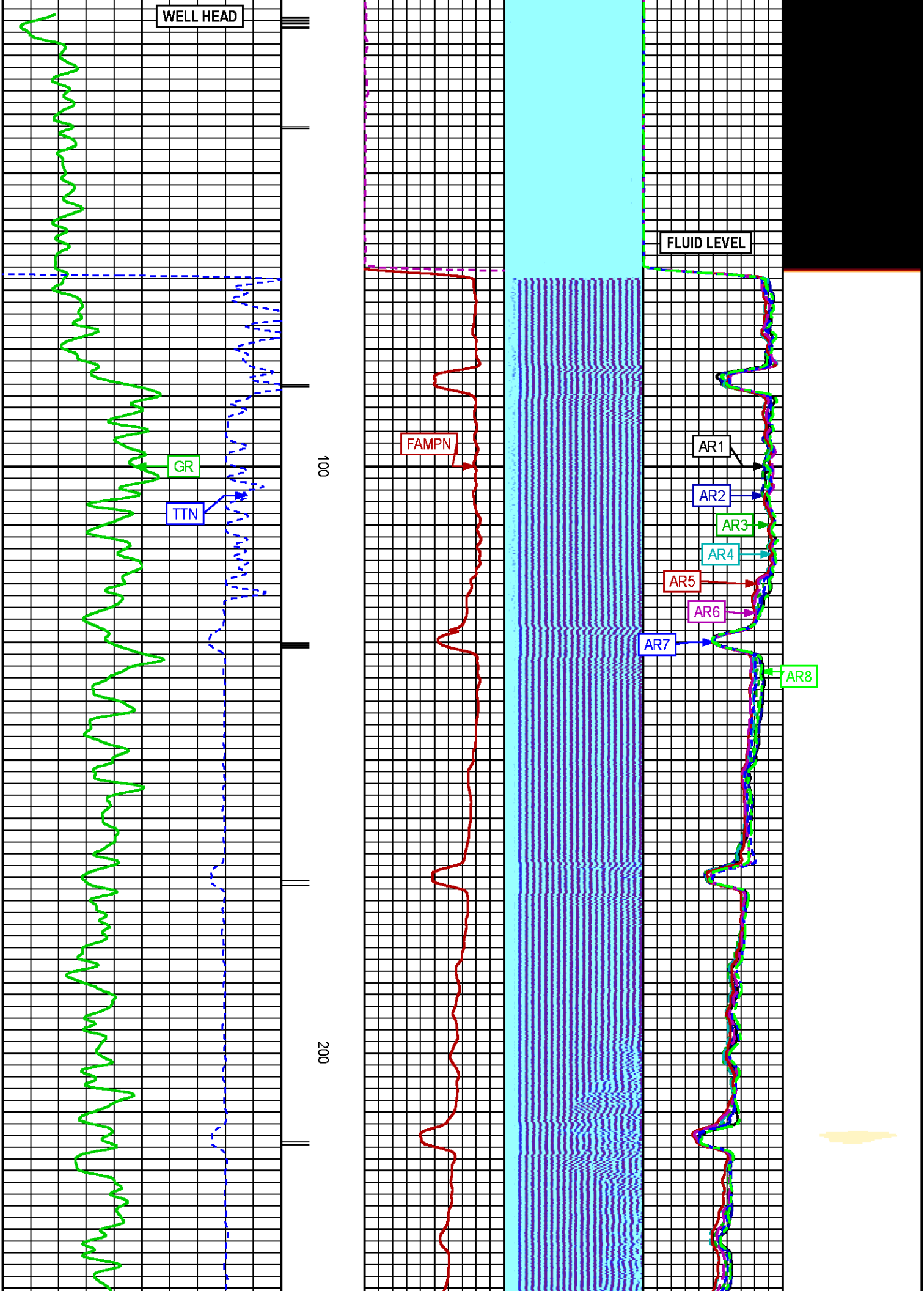
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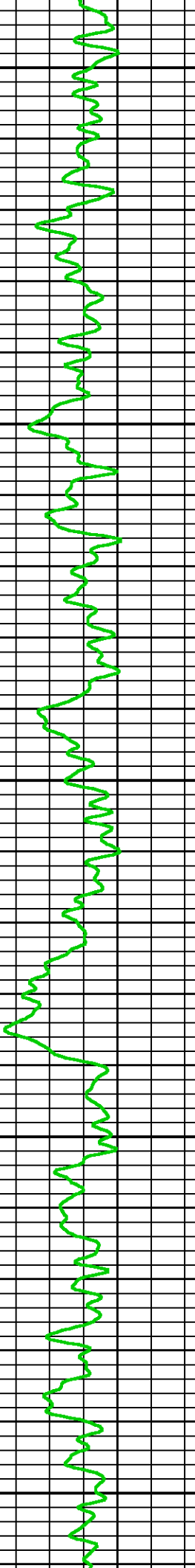
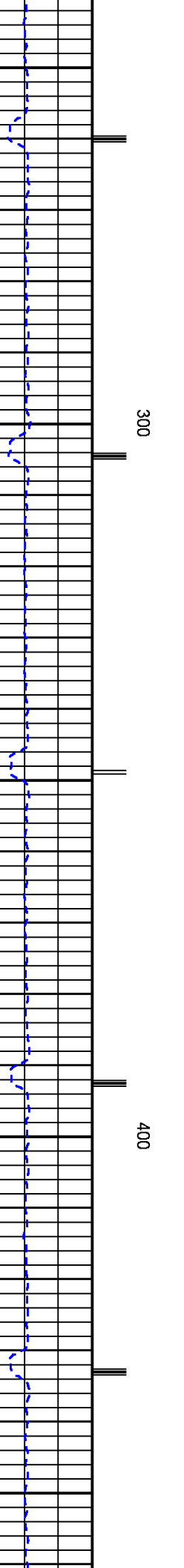
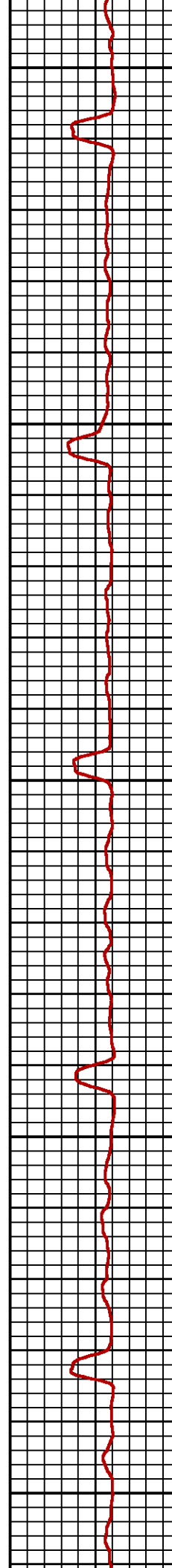
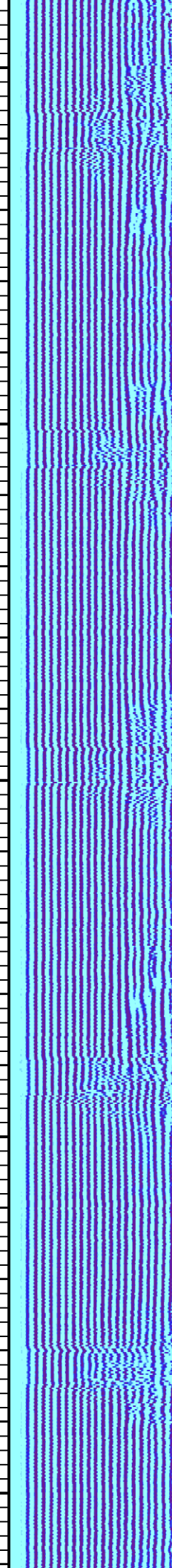
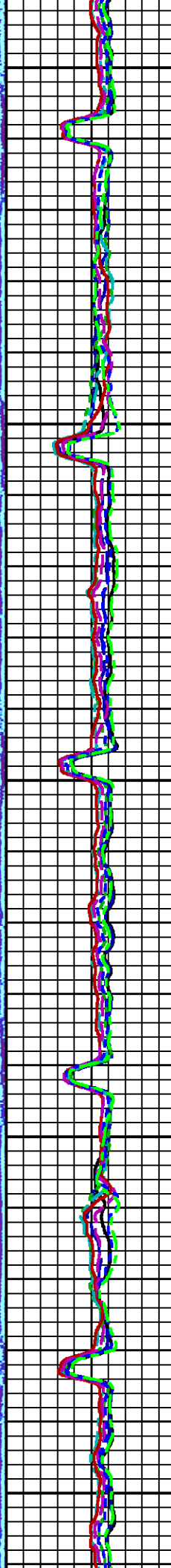
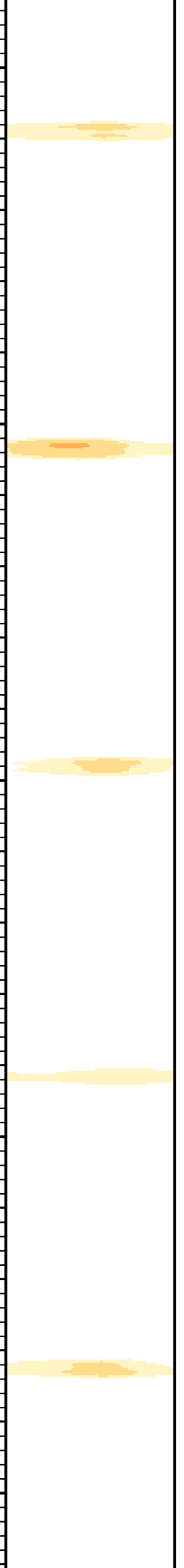
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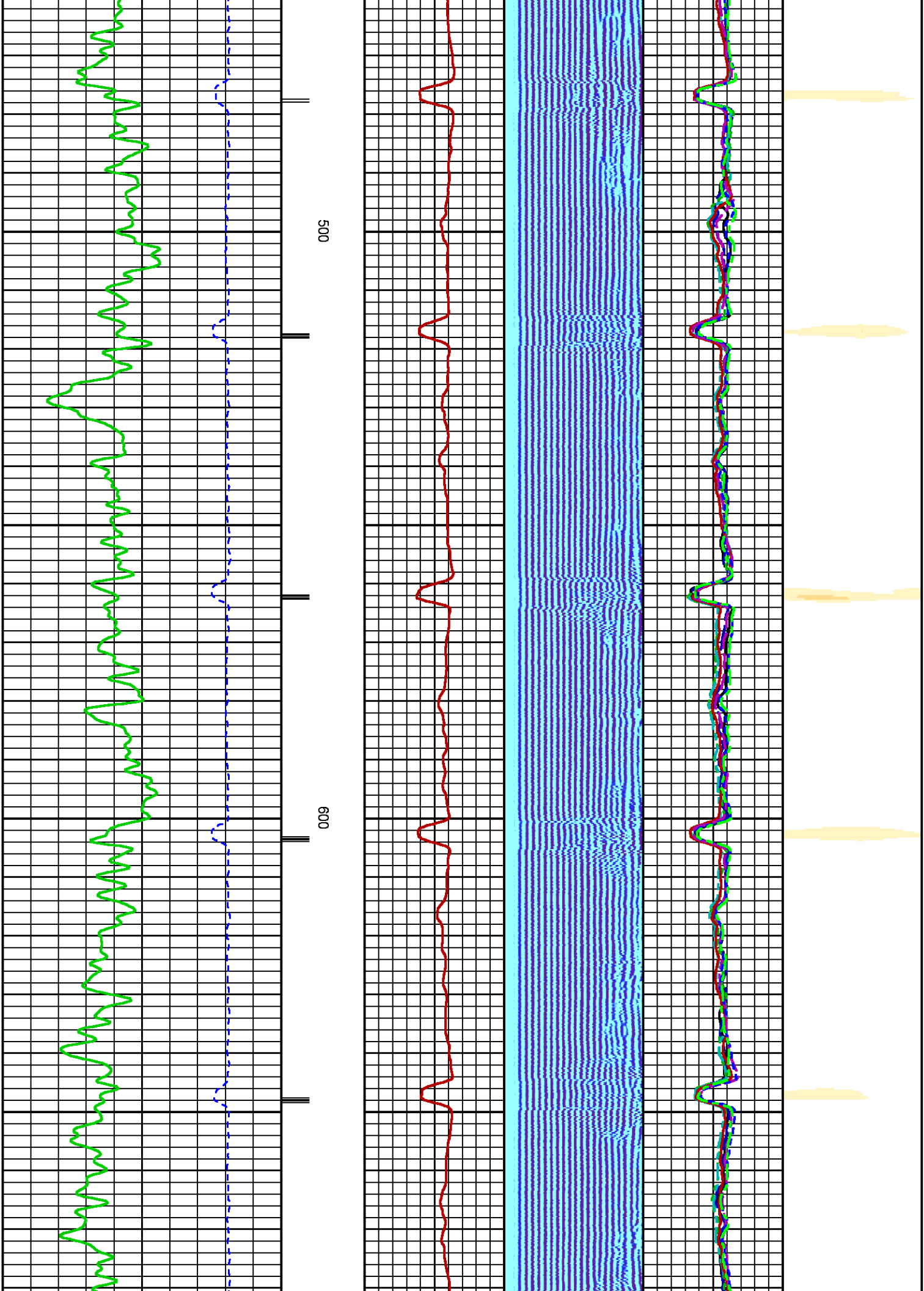
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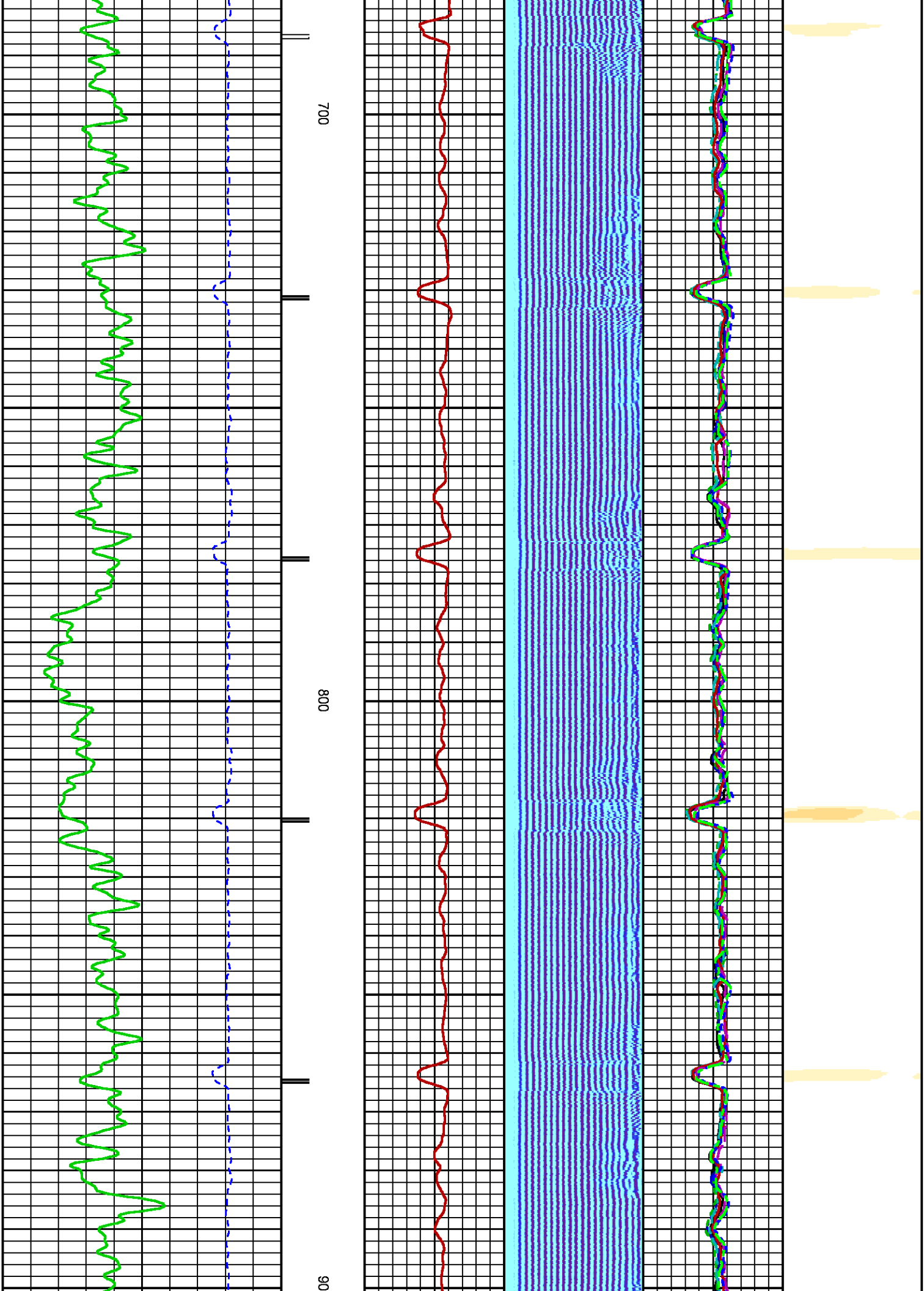
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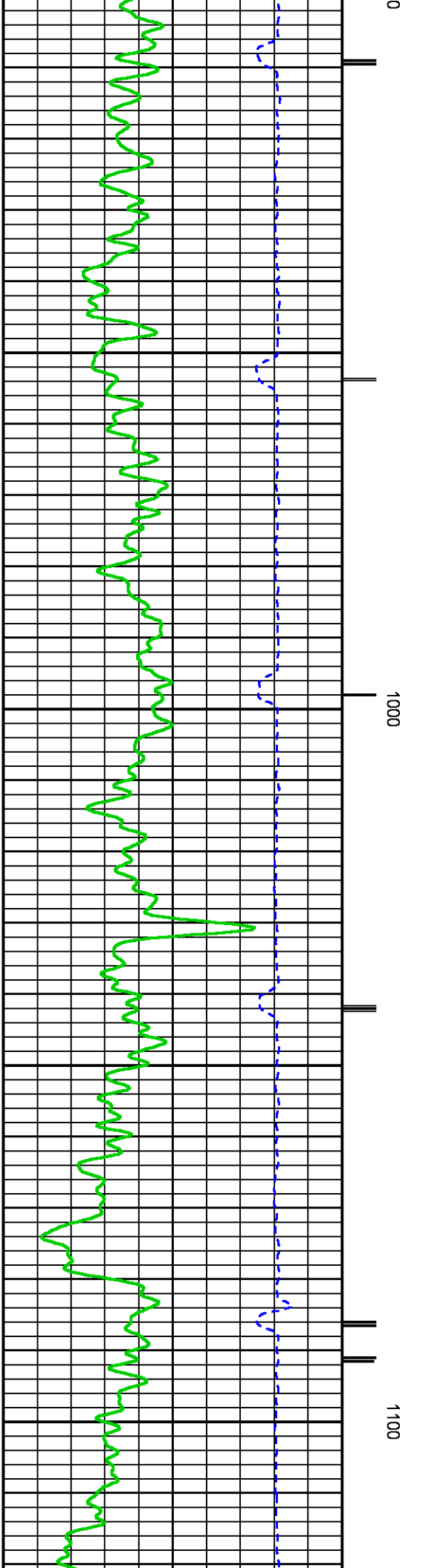
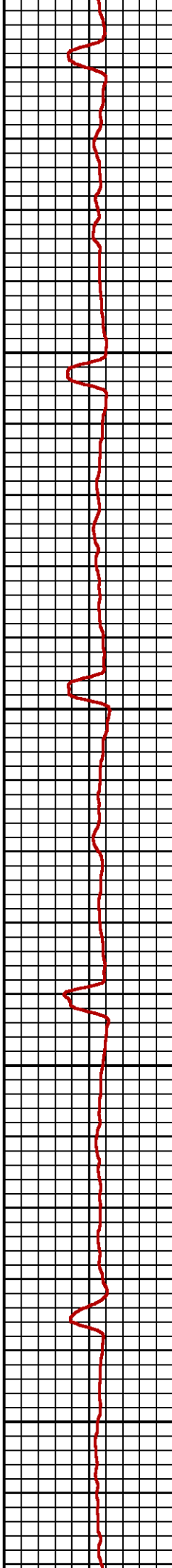
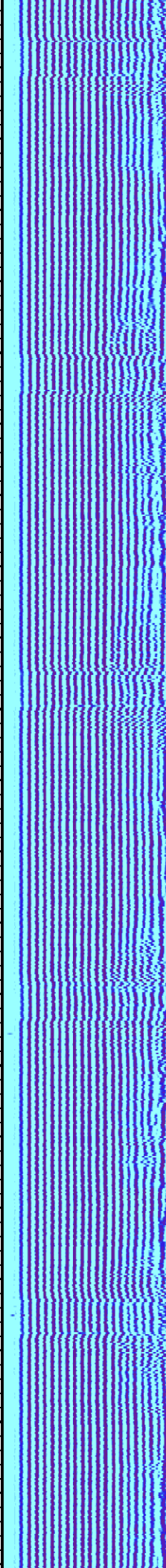
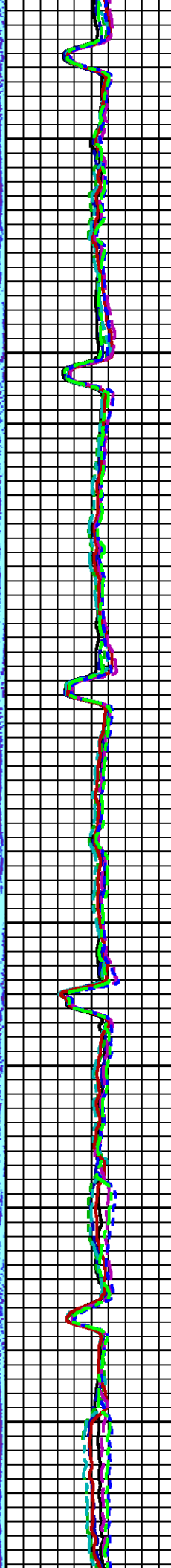
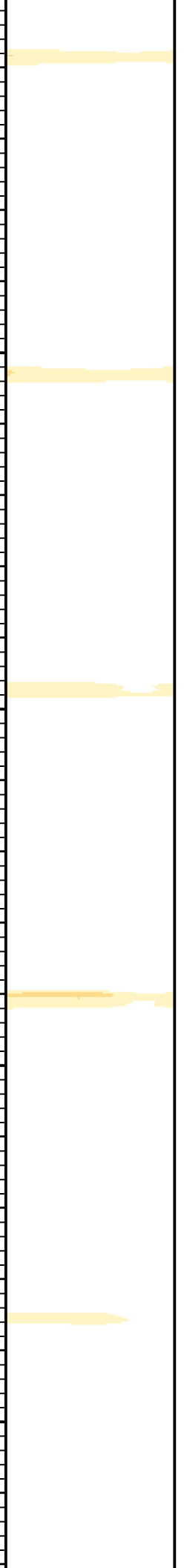
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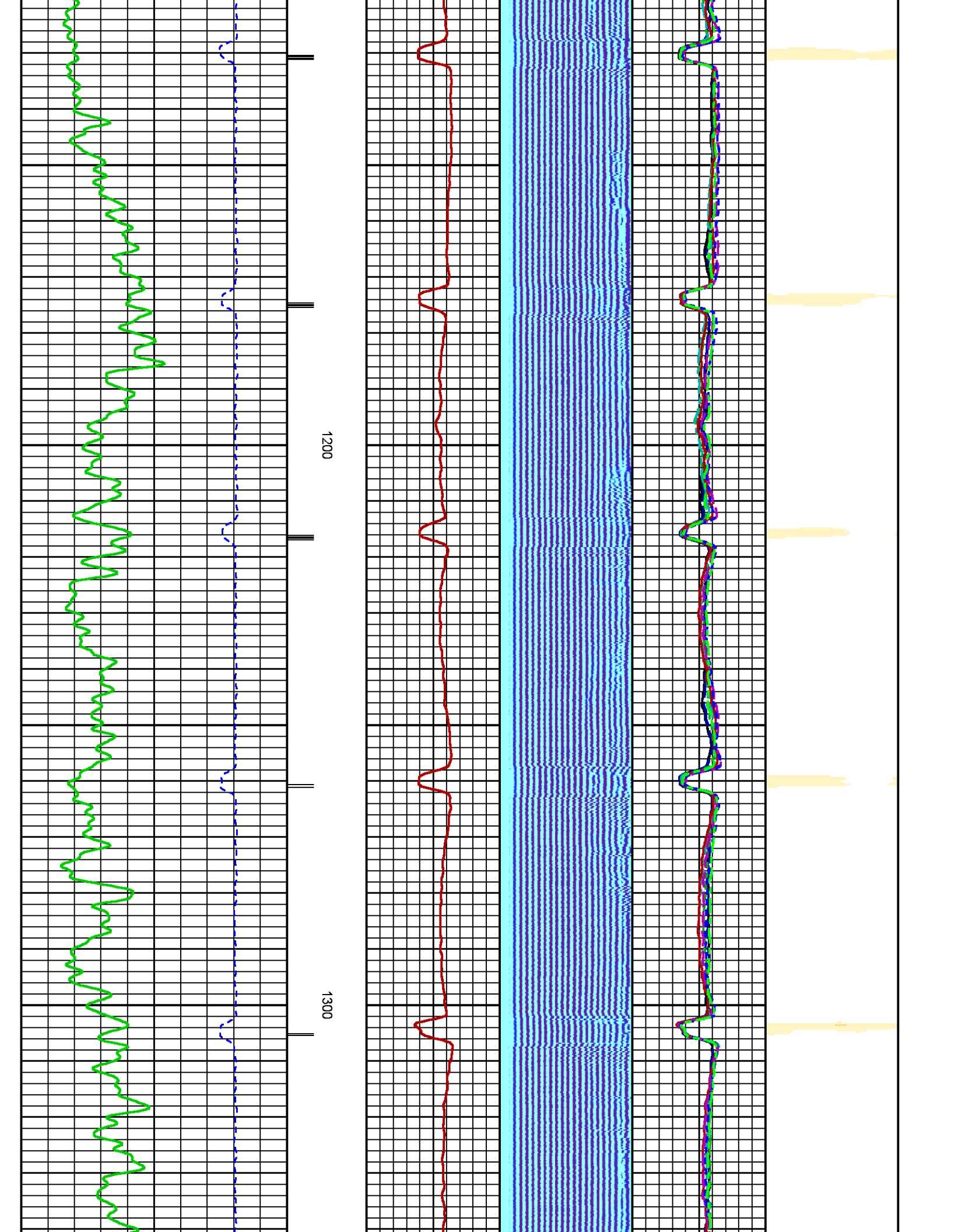


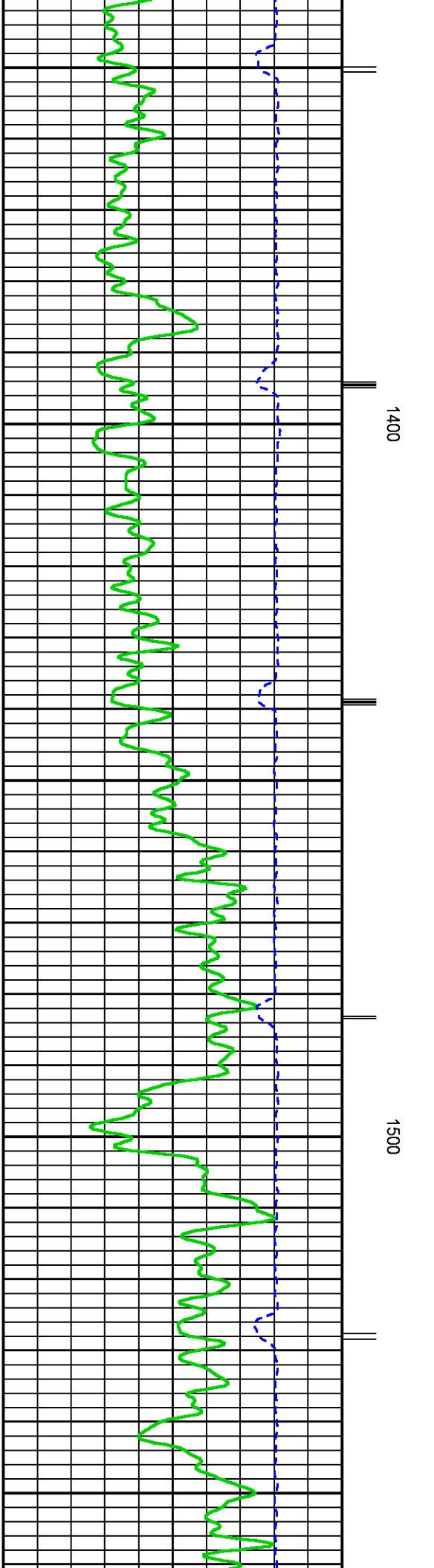
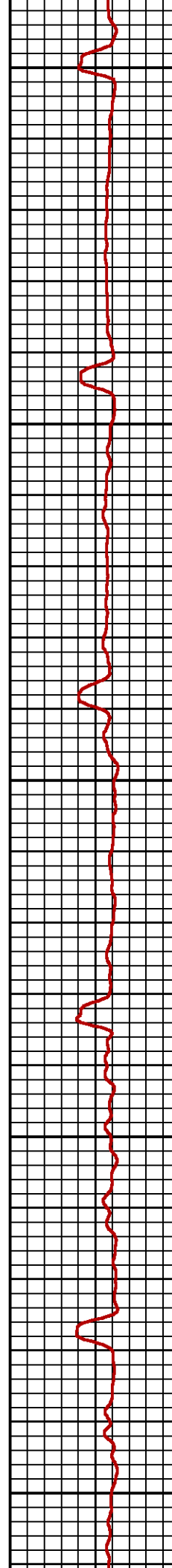
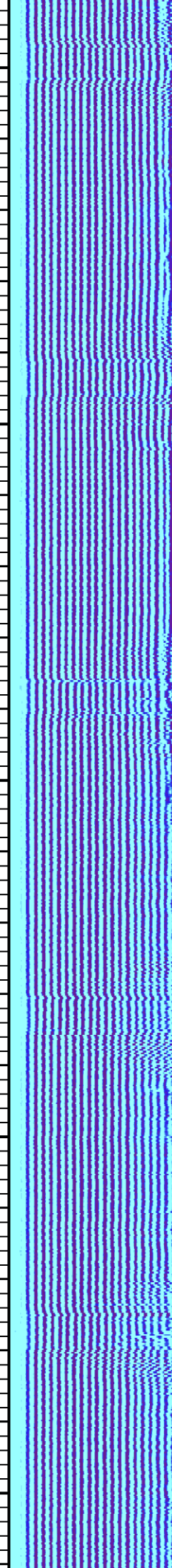
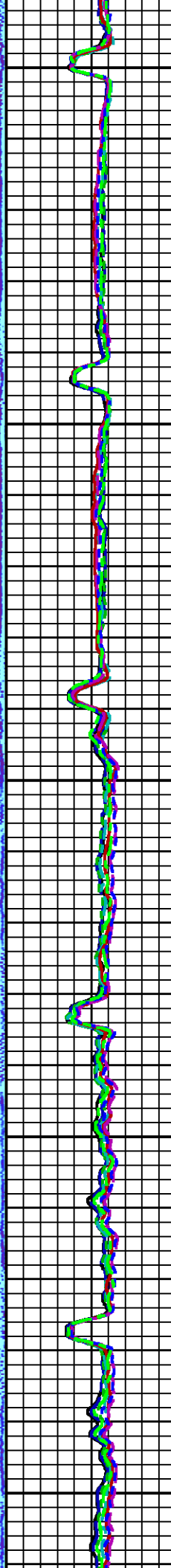
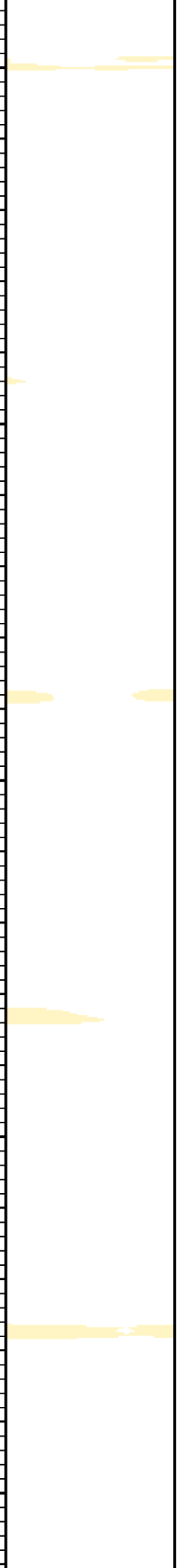


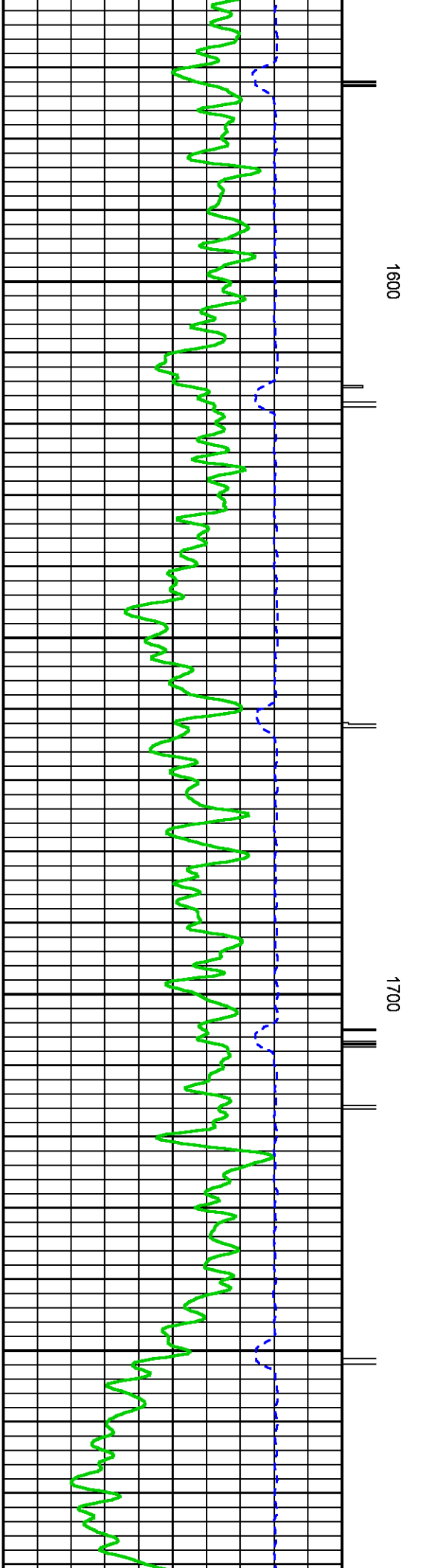
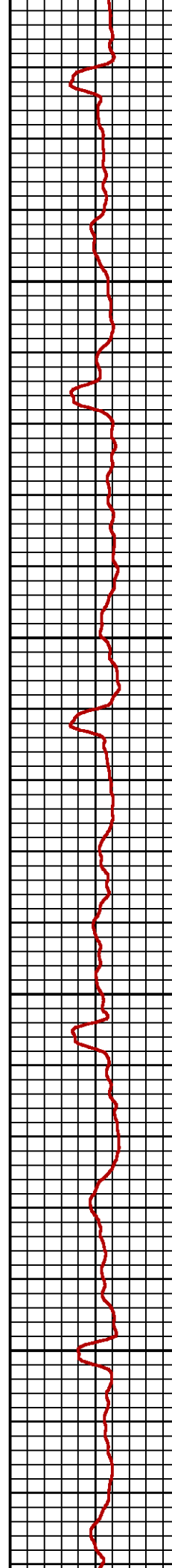
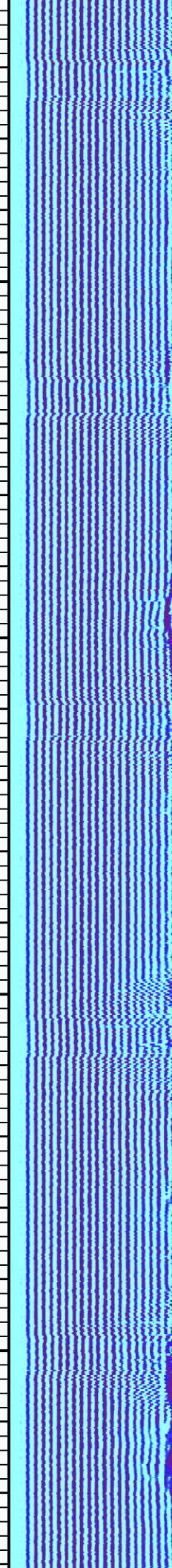
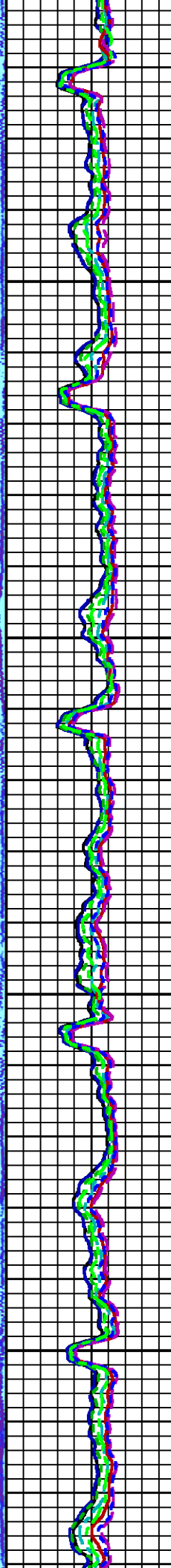
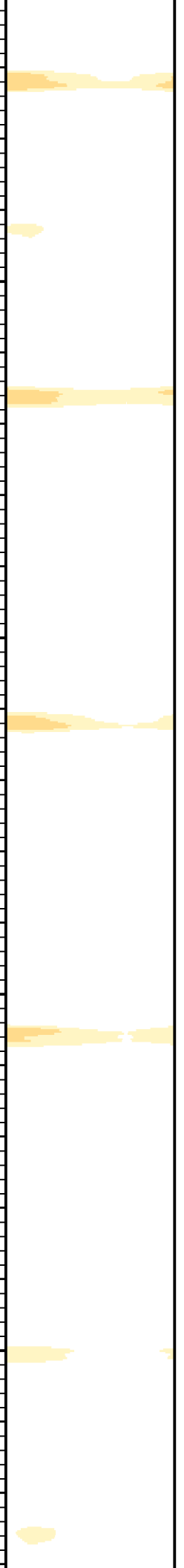


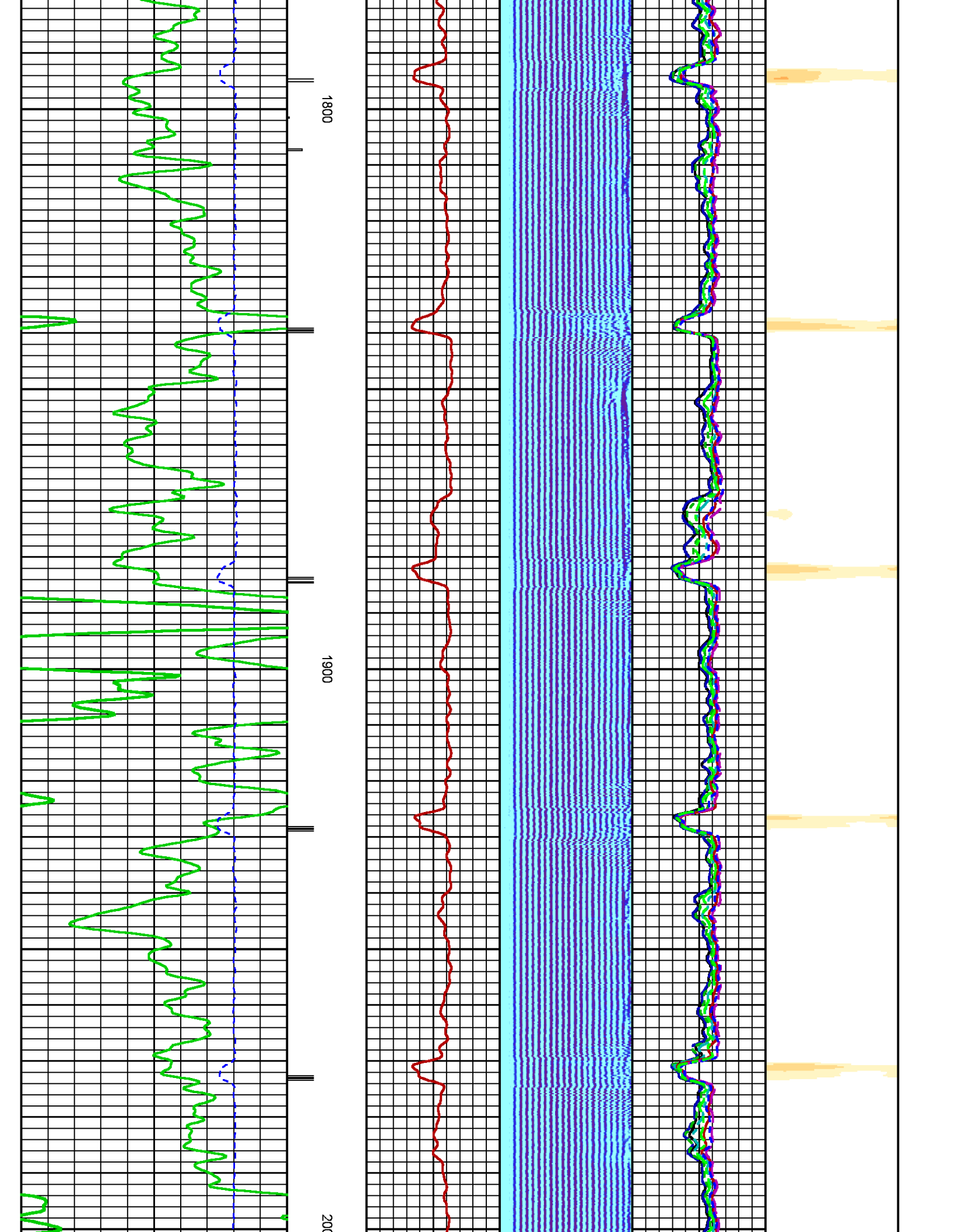


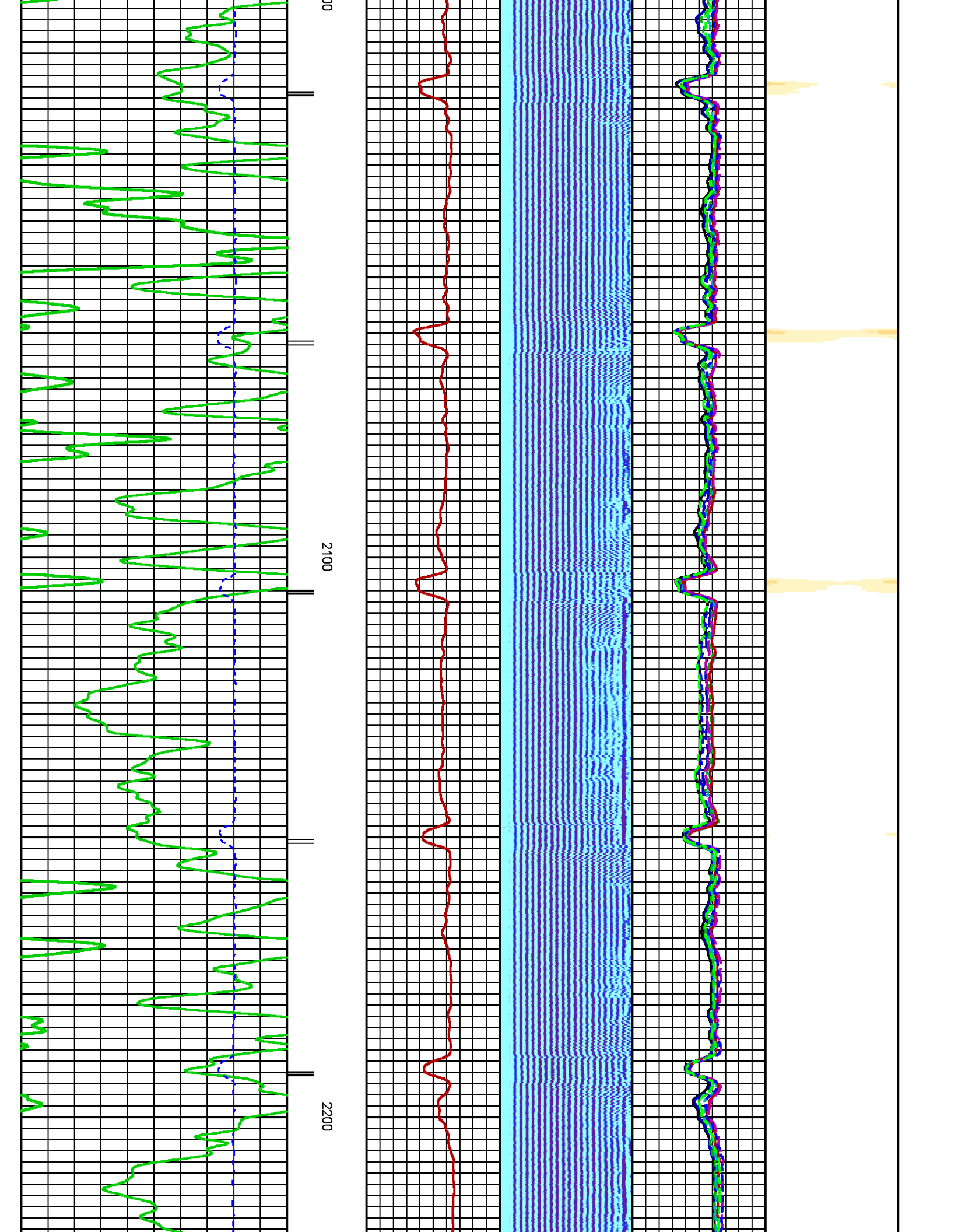


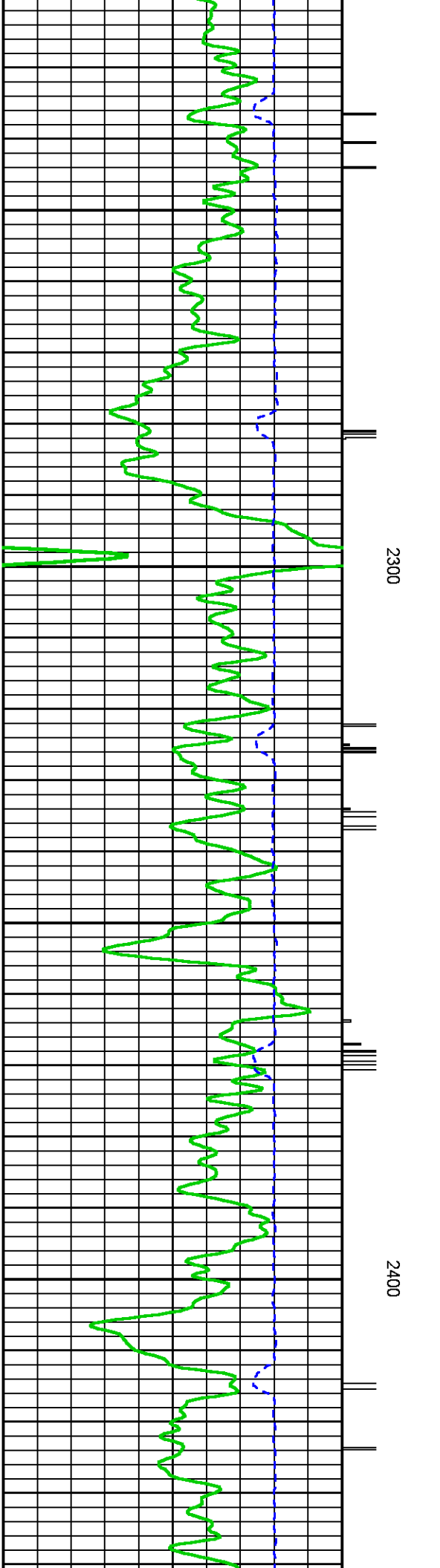
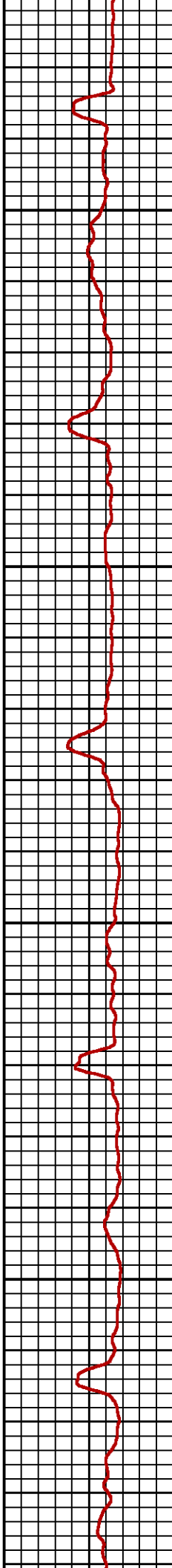
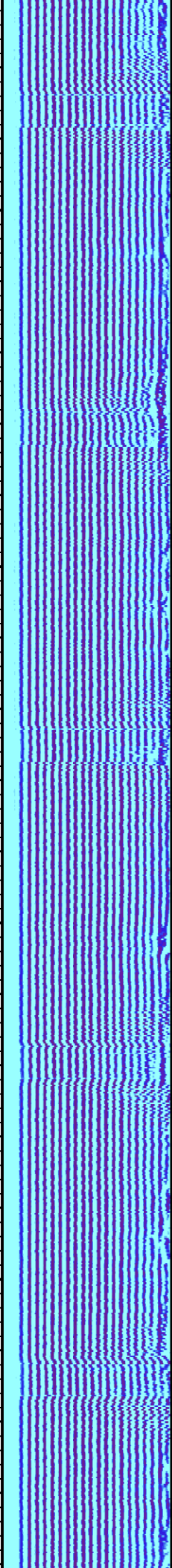
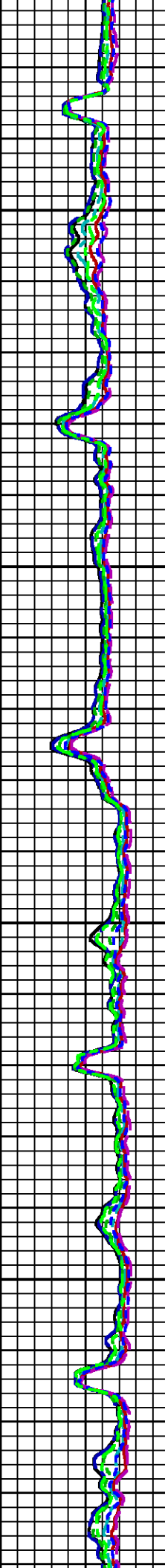
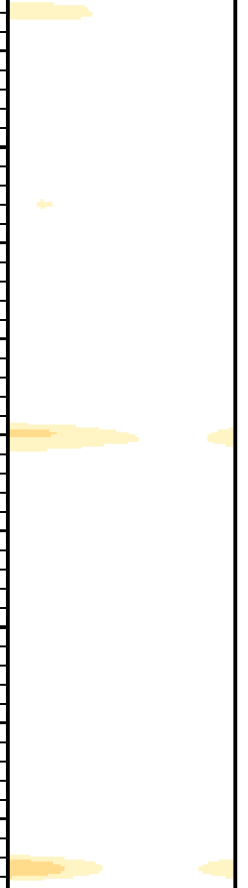


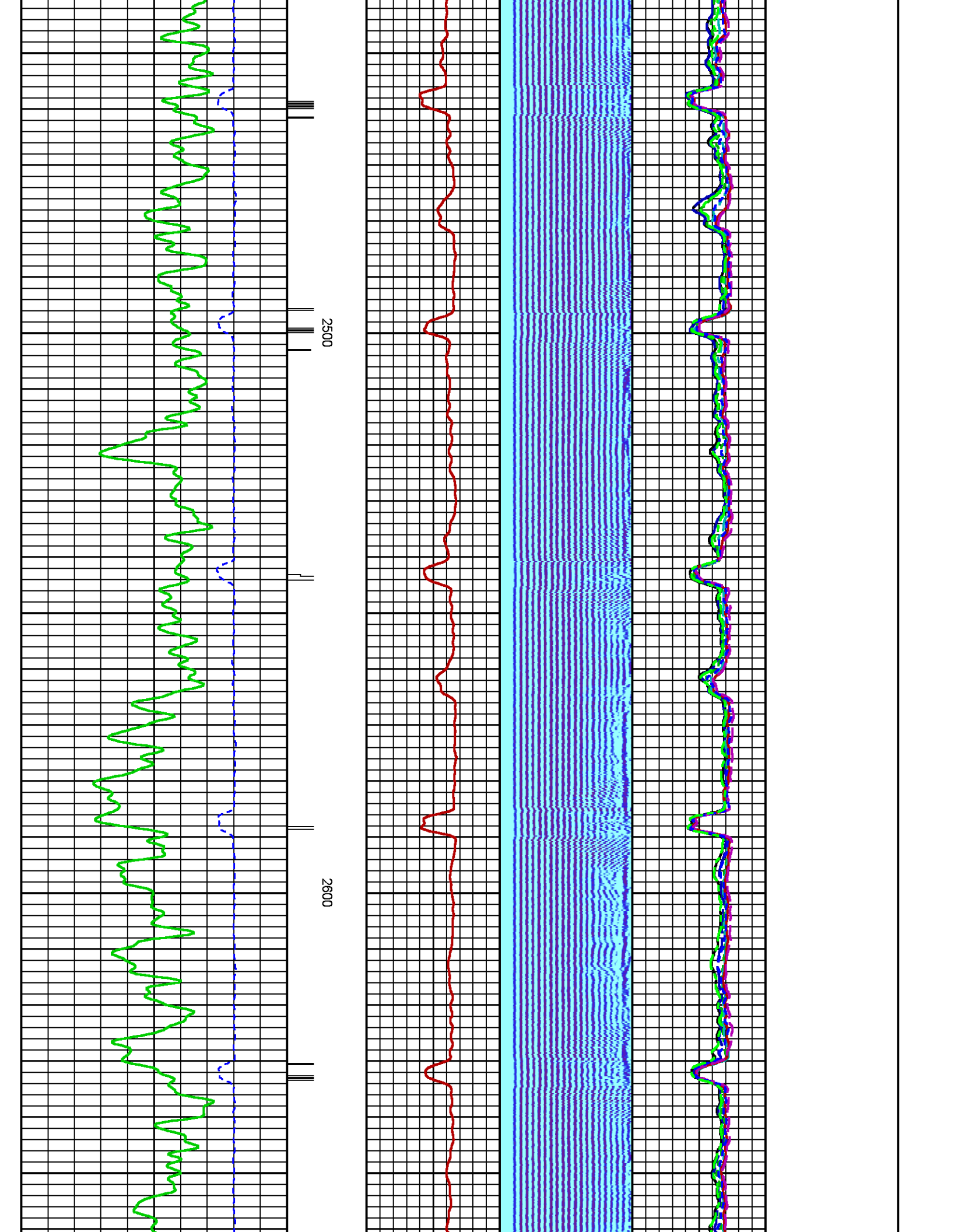


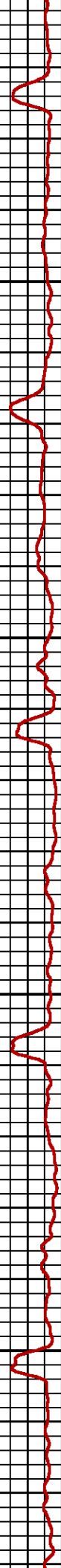
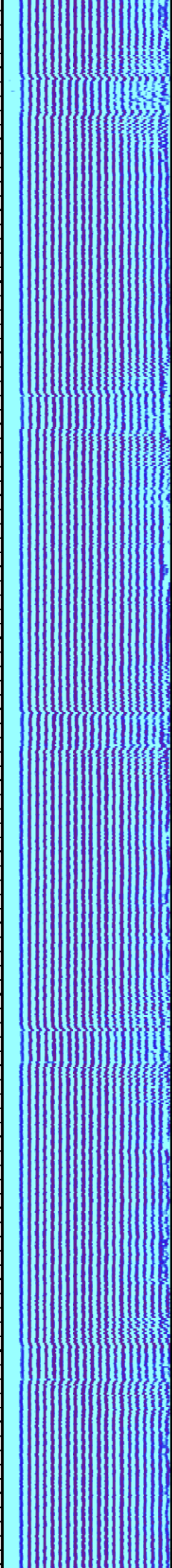
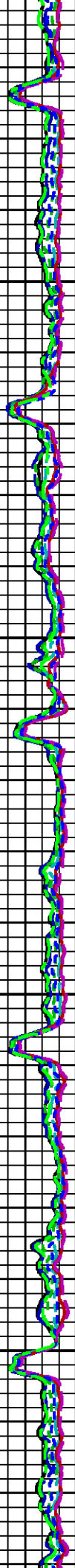






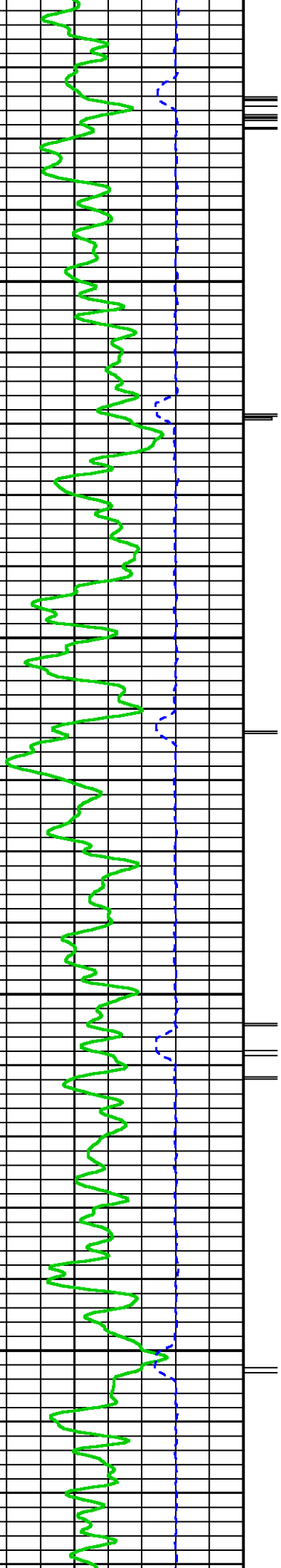


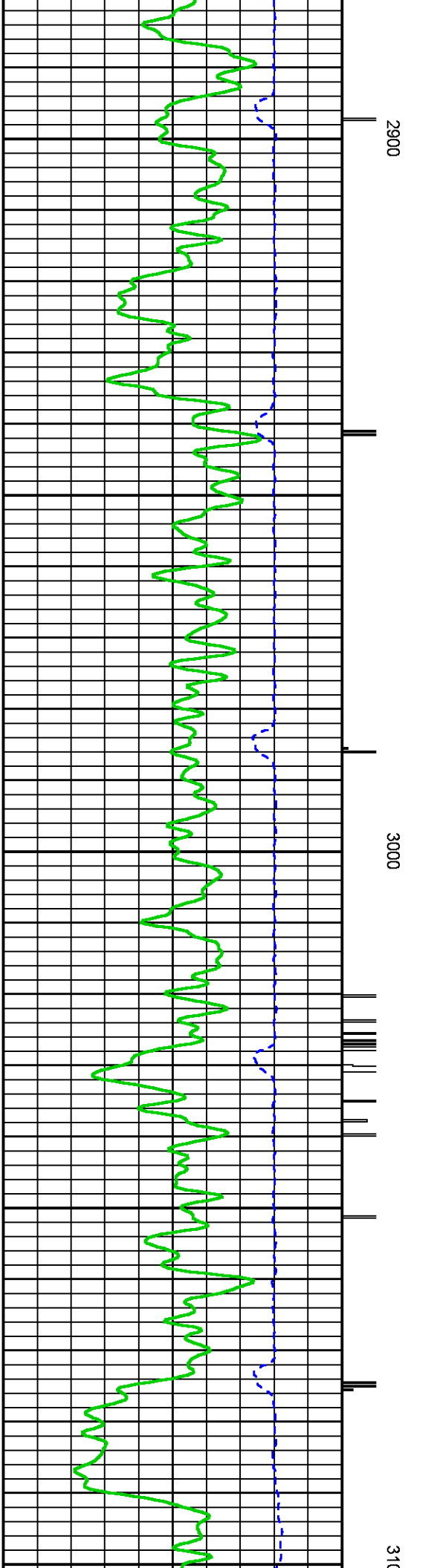
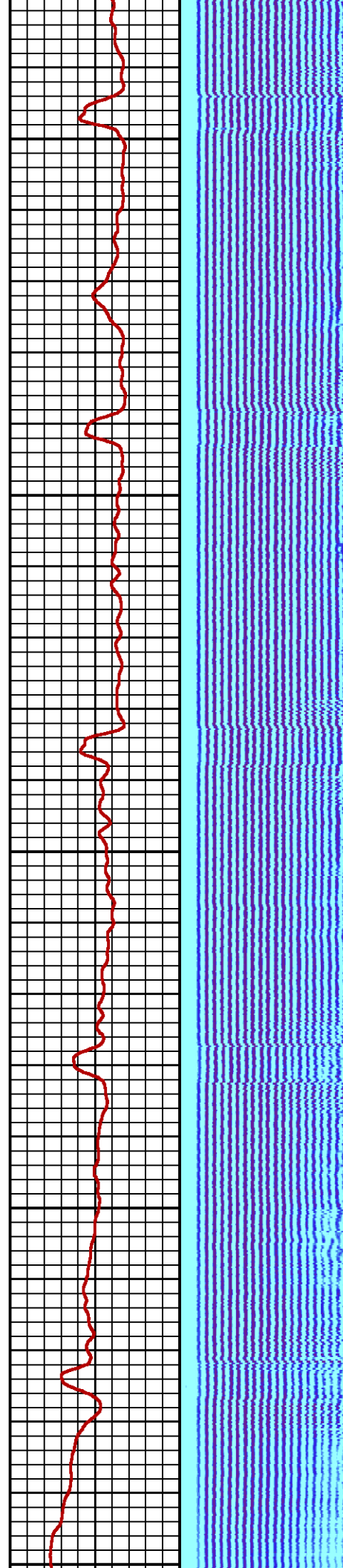
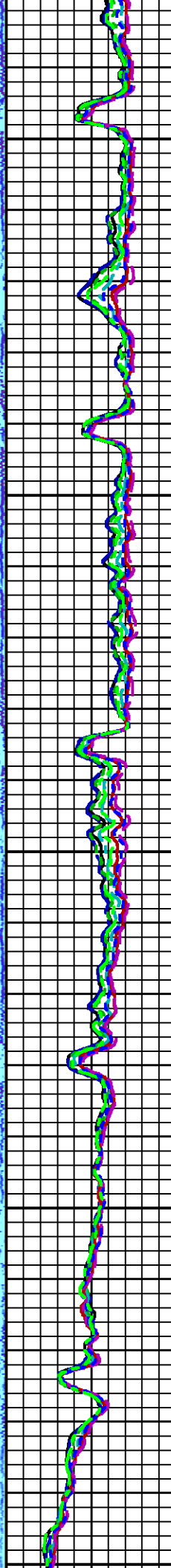
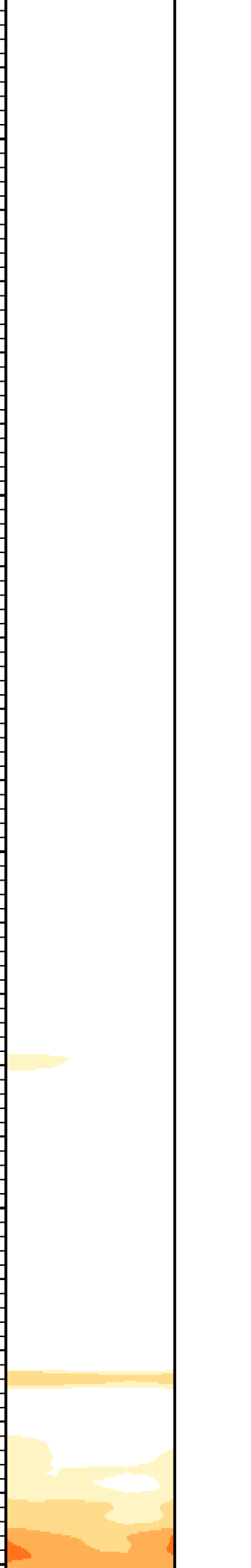


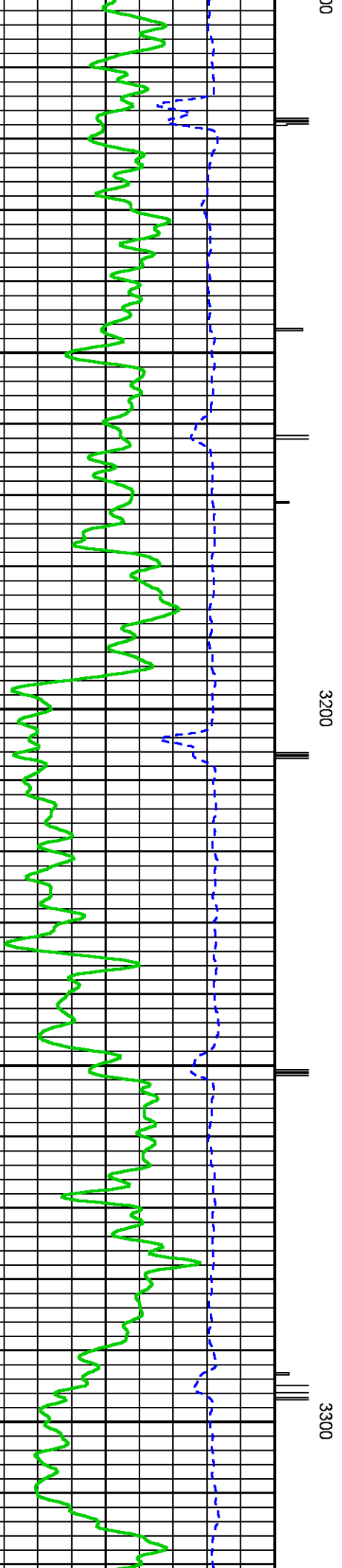
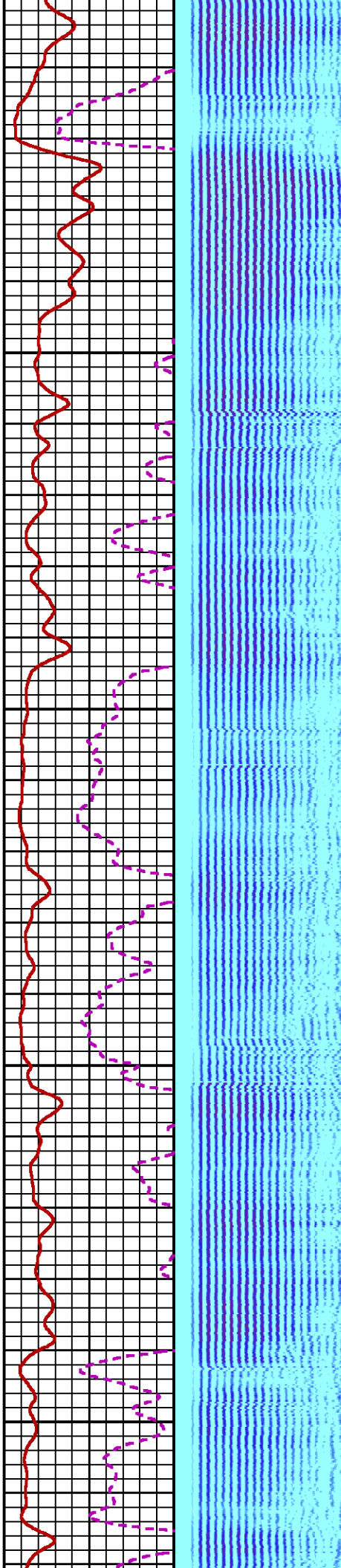
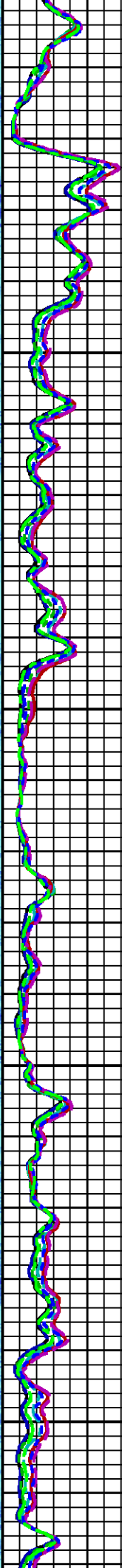
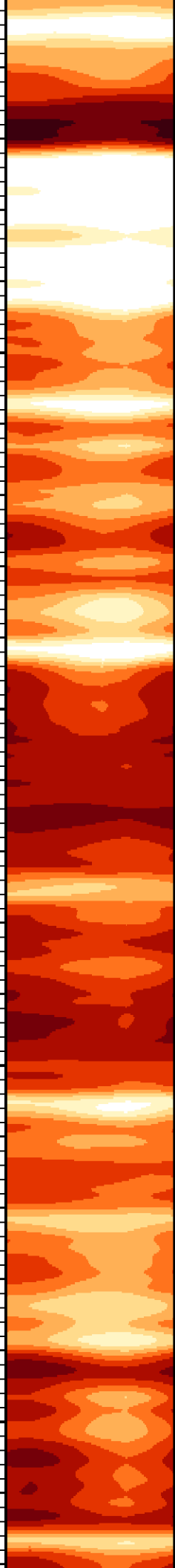


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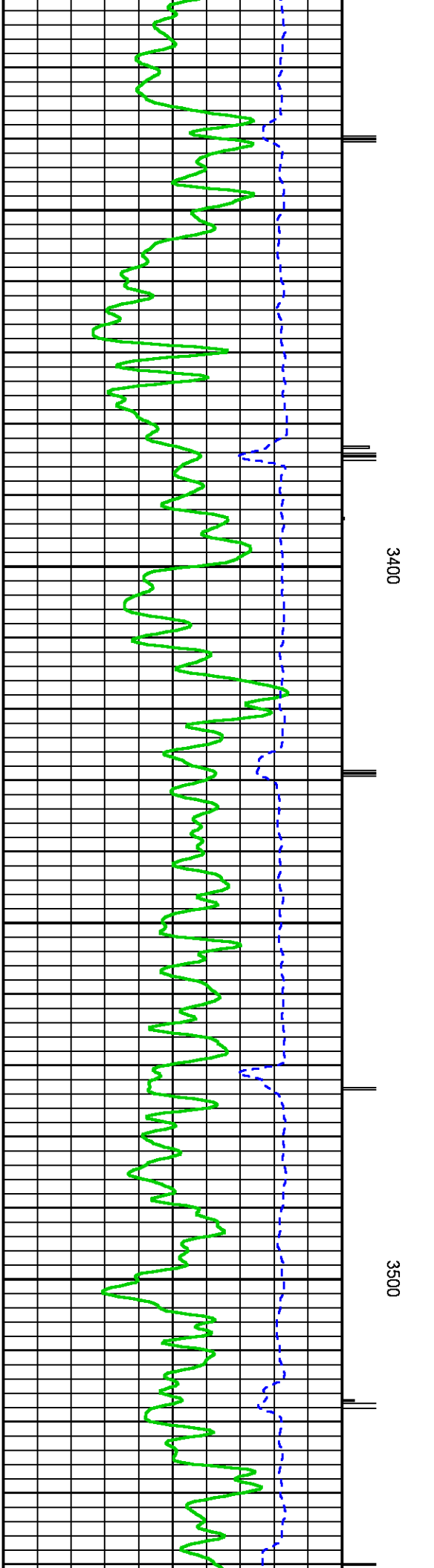
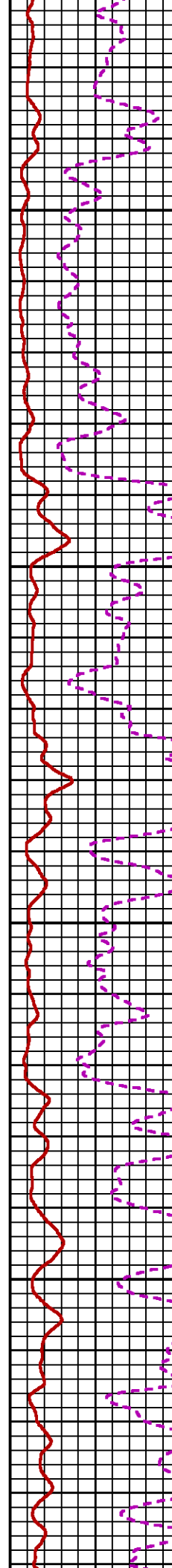
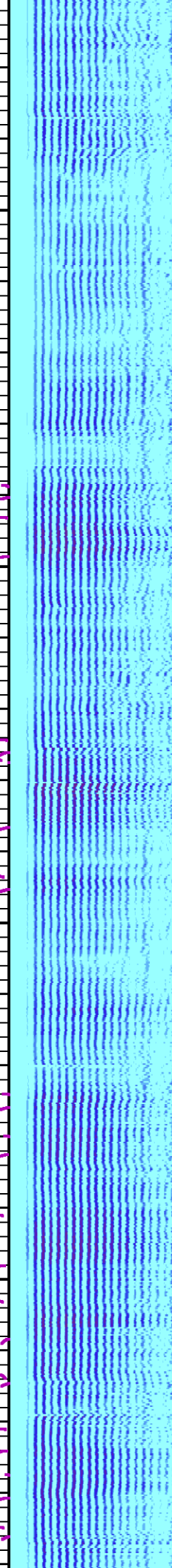
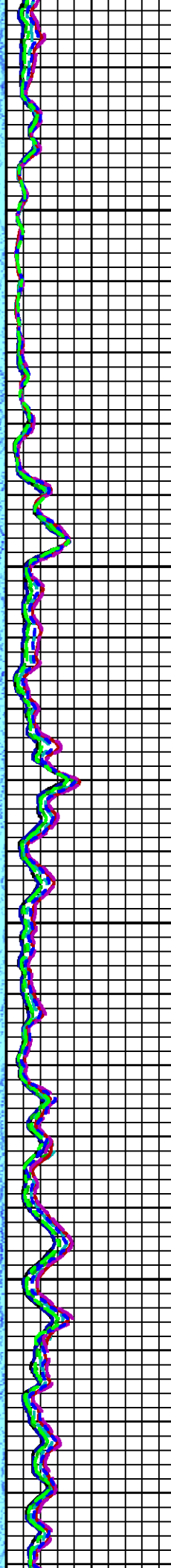
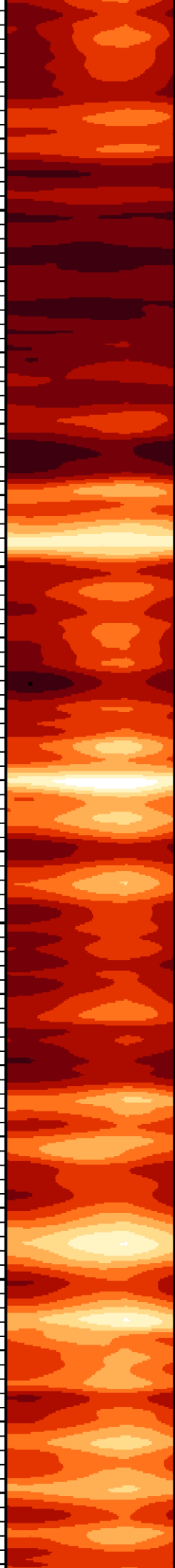


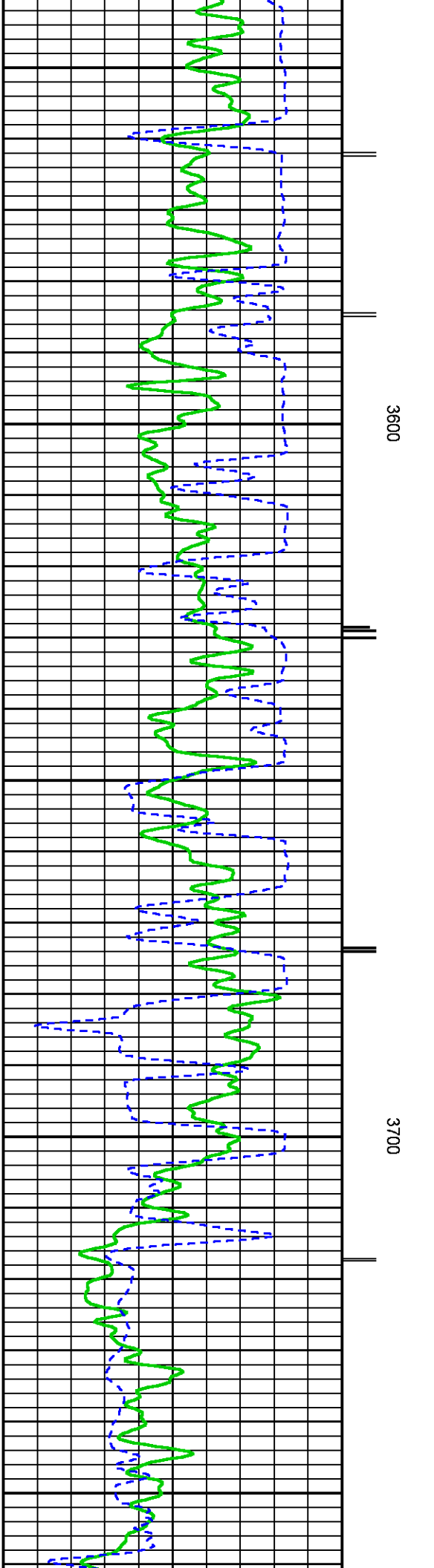
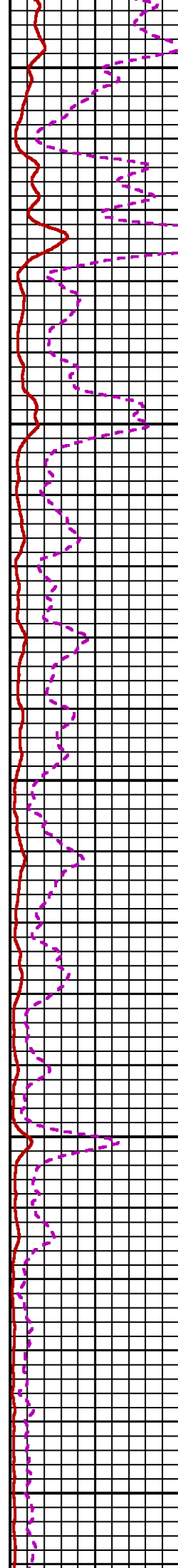
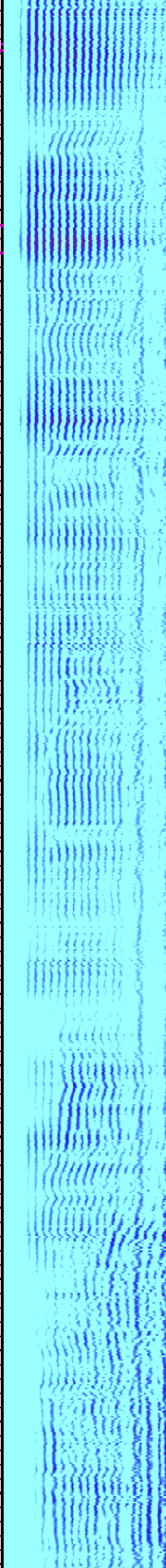
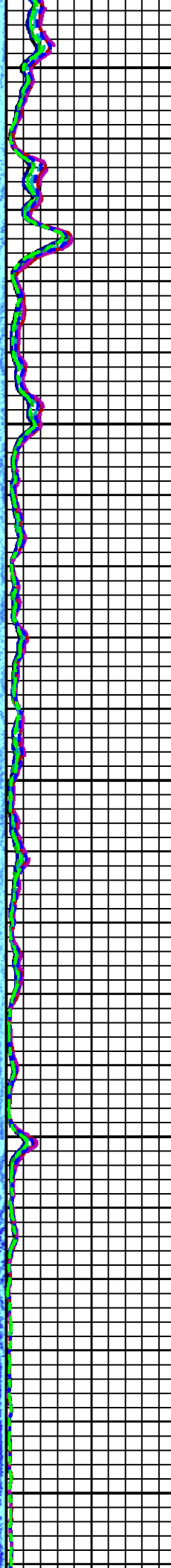
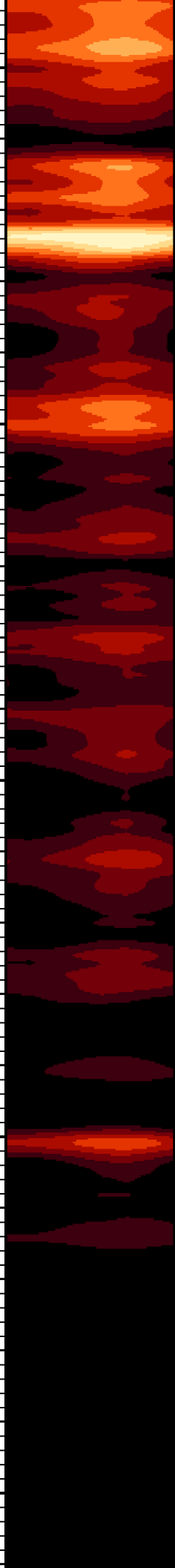


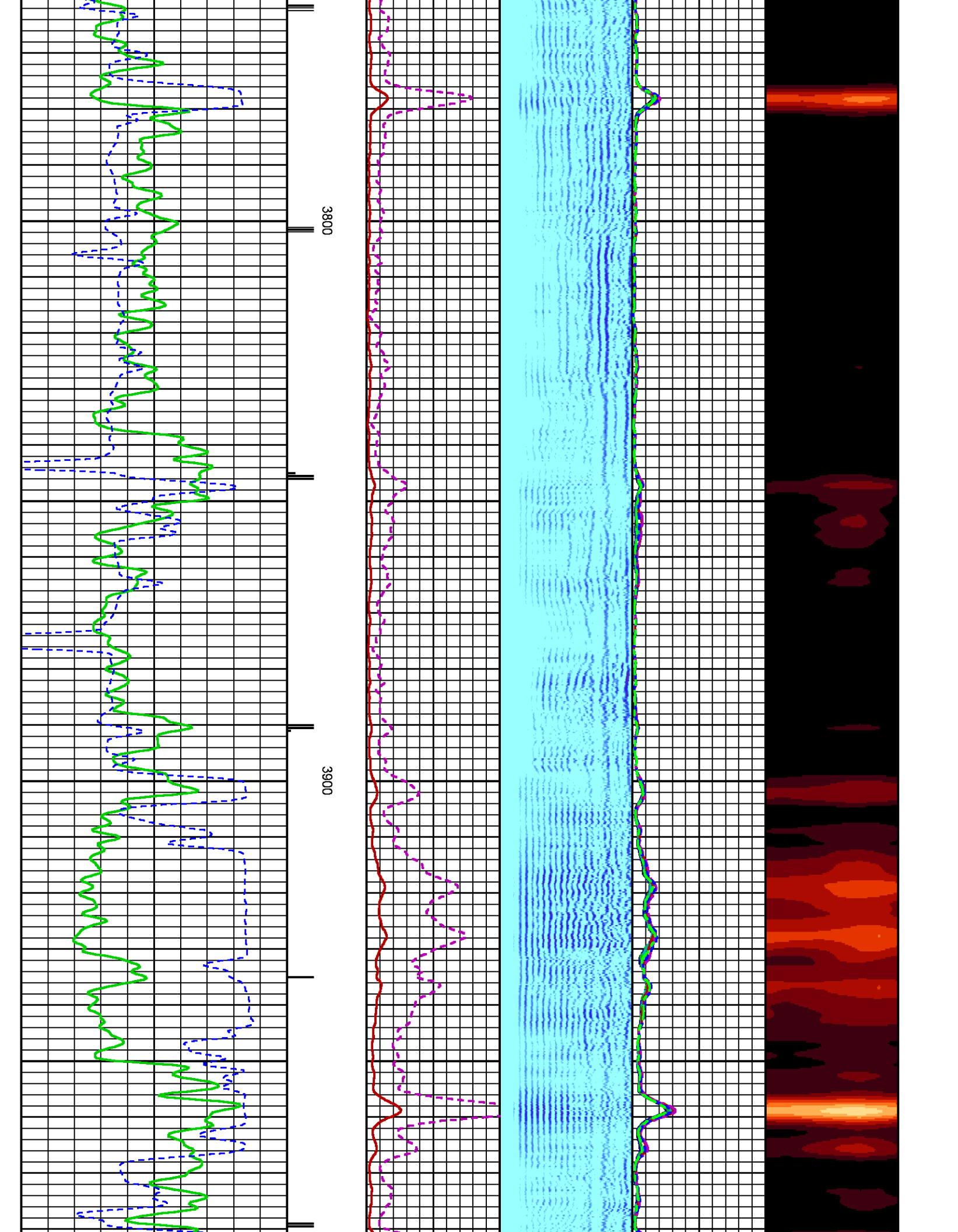
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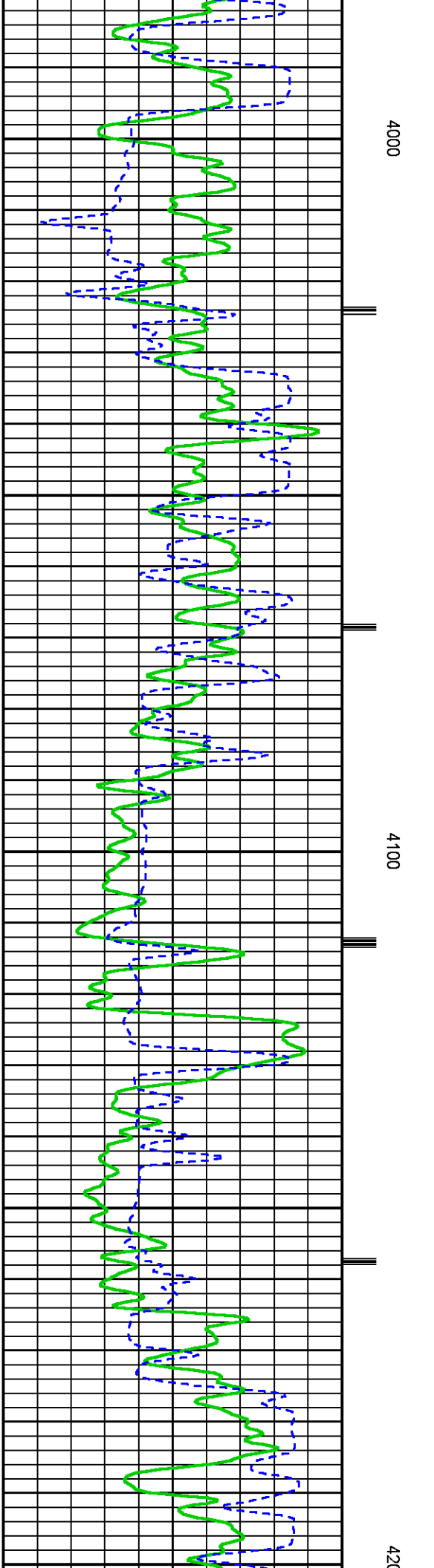
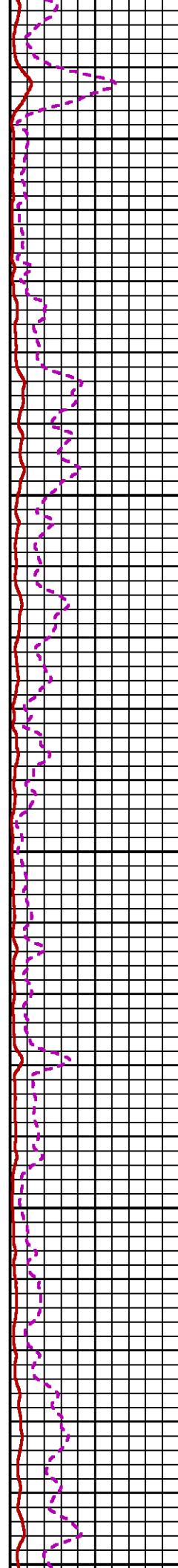
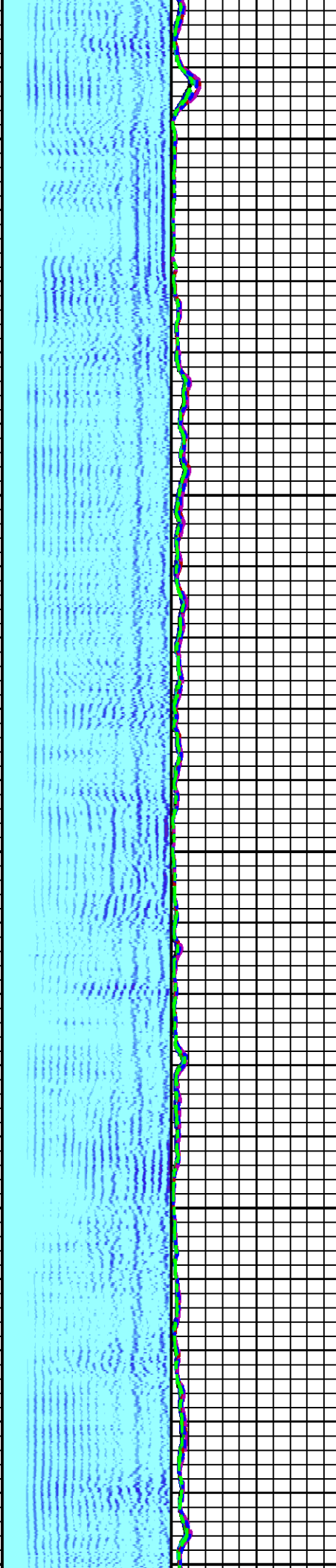
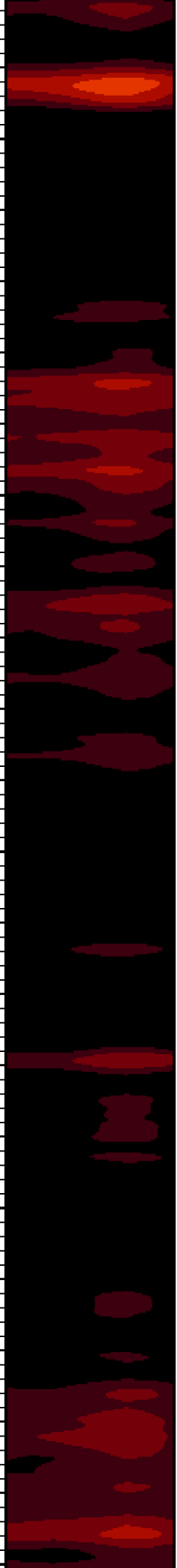
3200

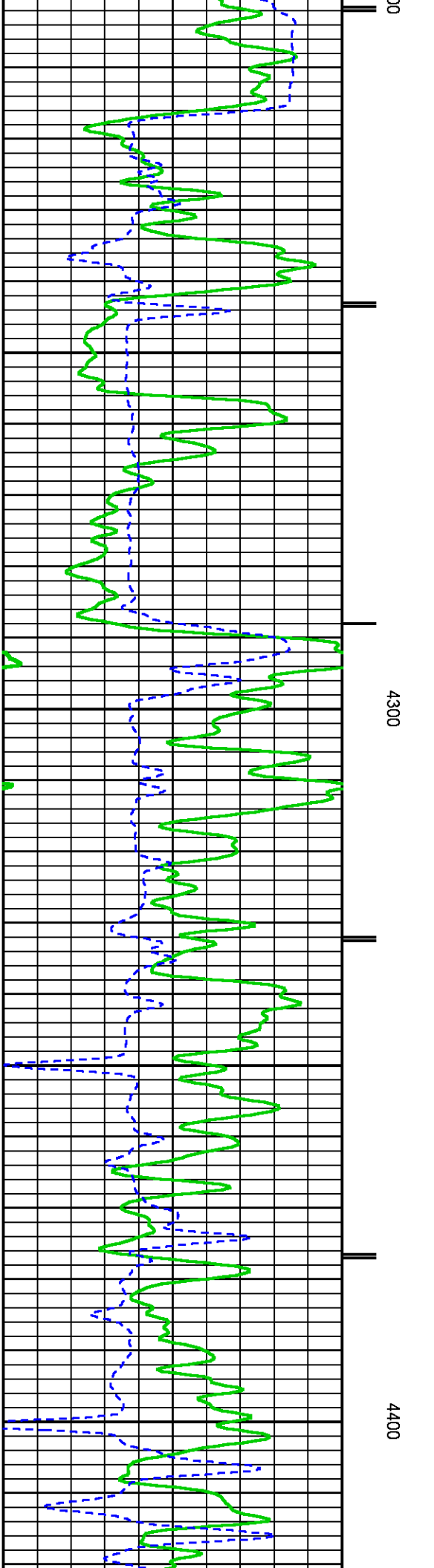
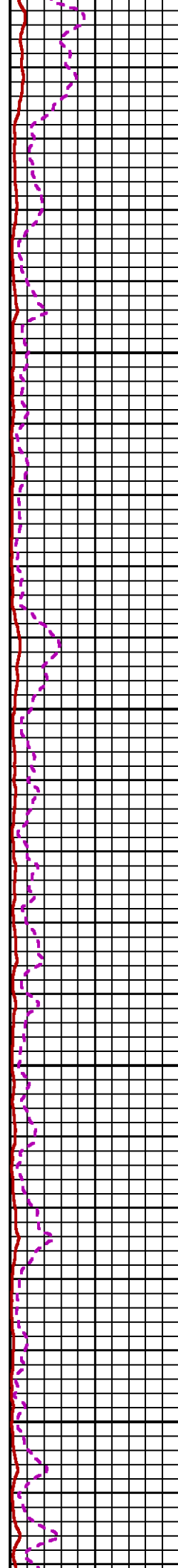
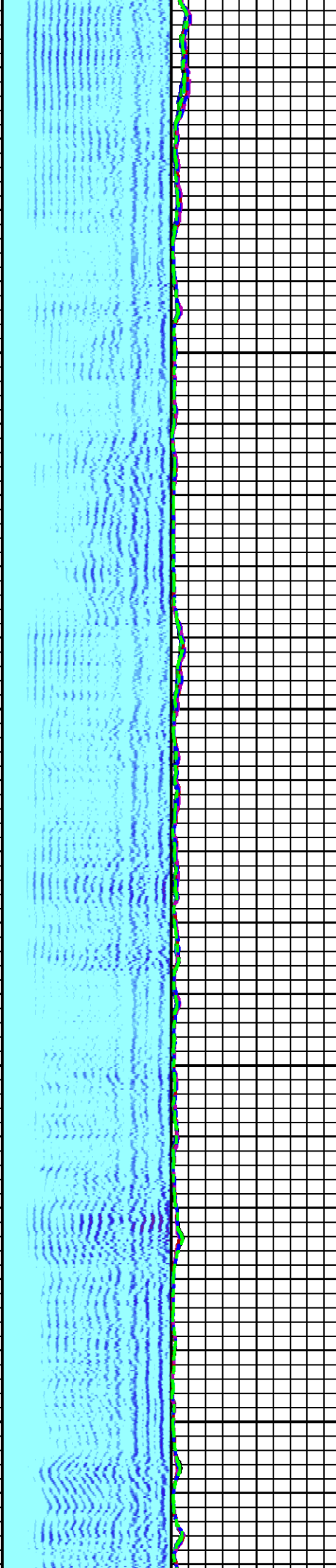
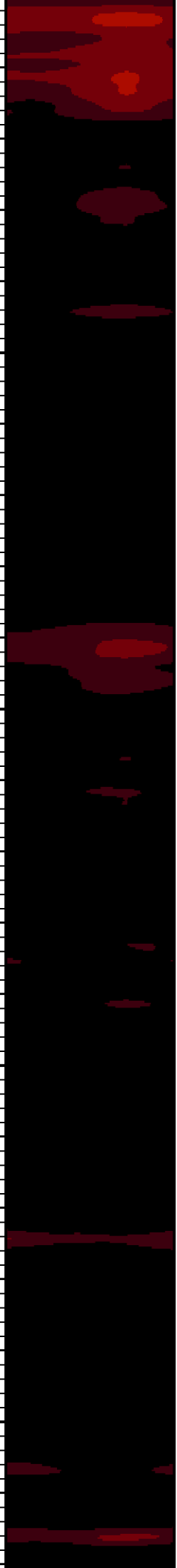
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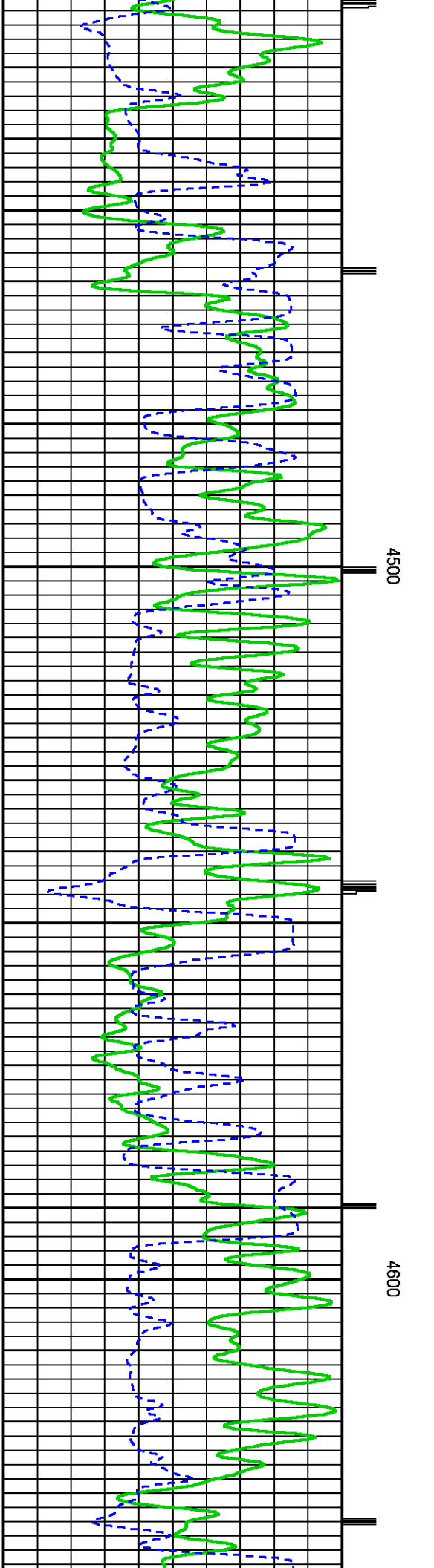
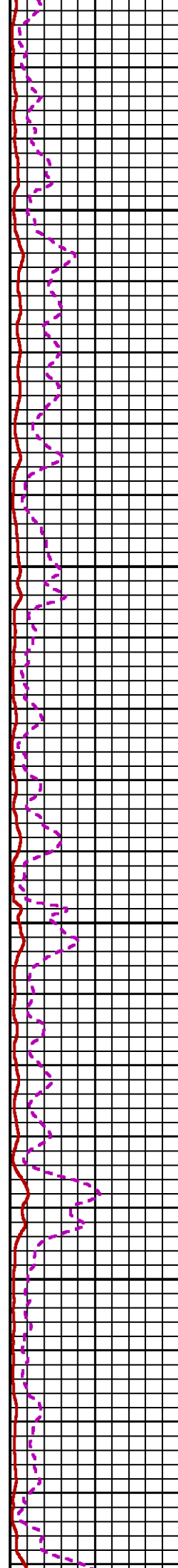
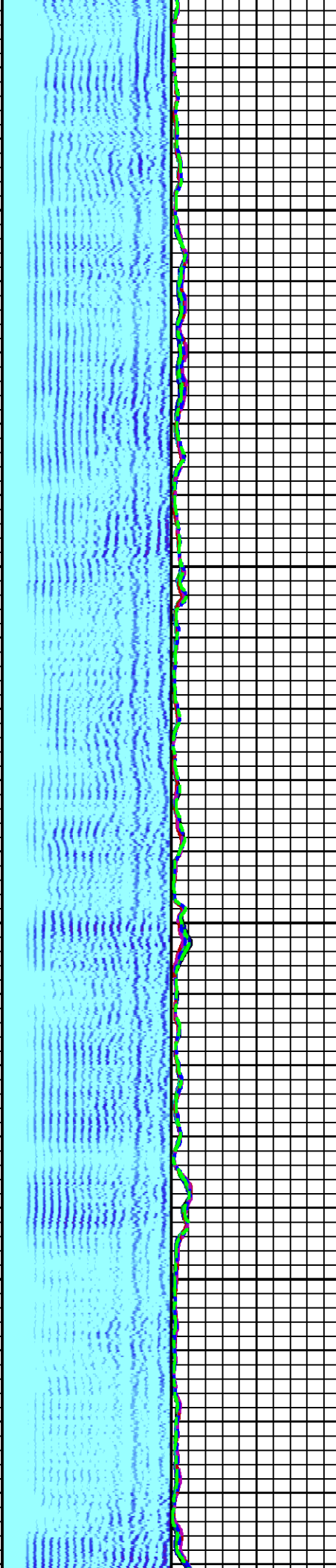
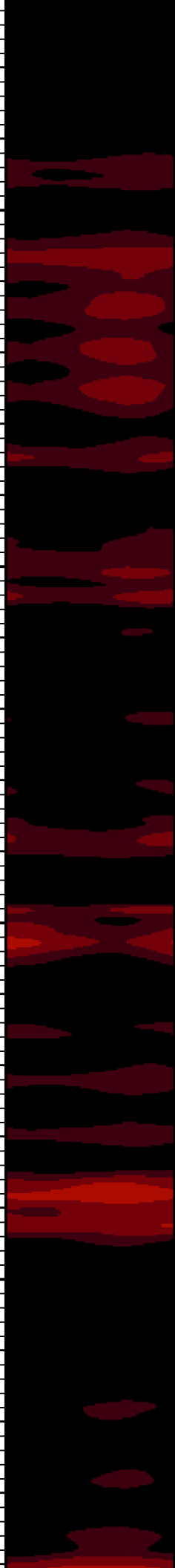


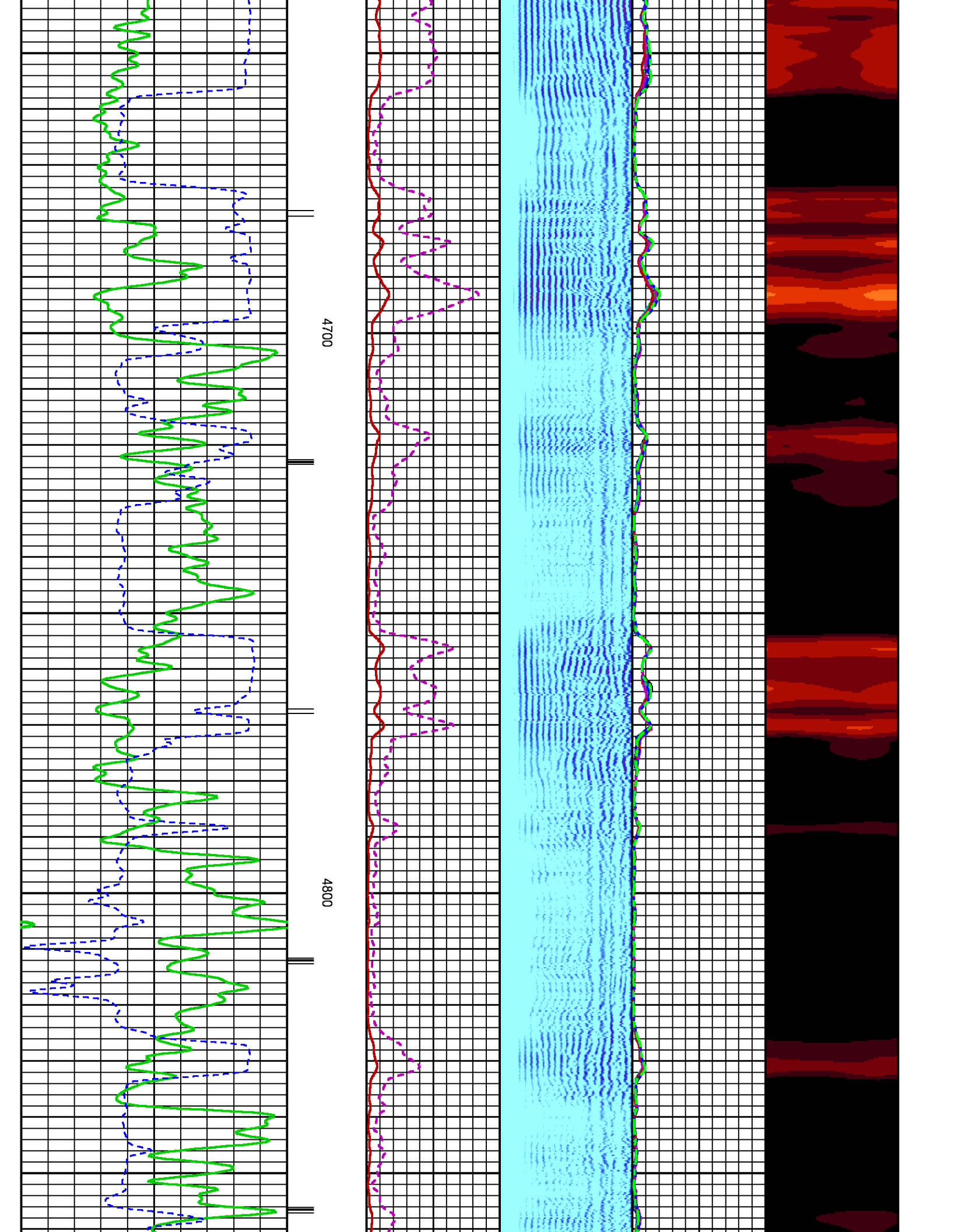


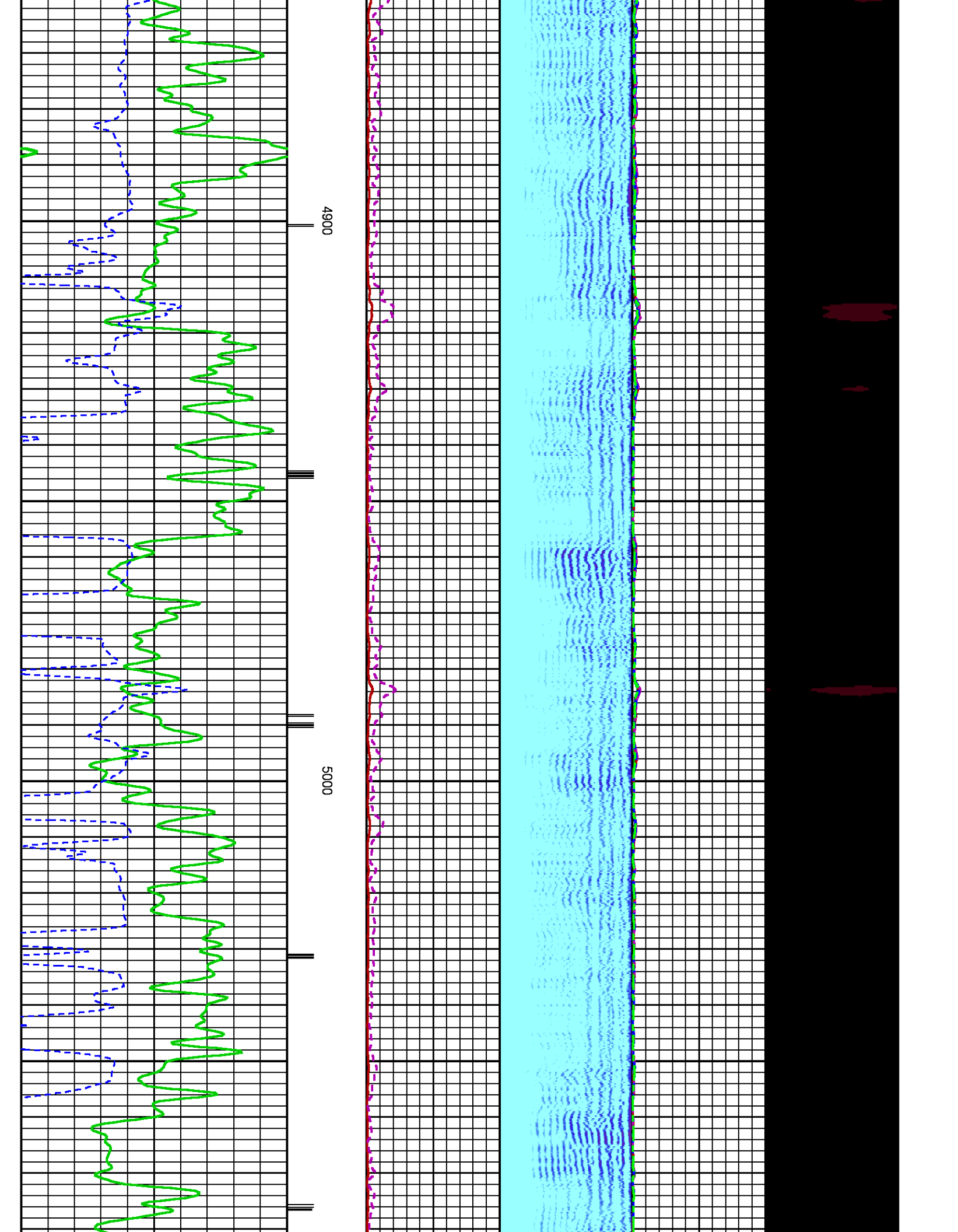
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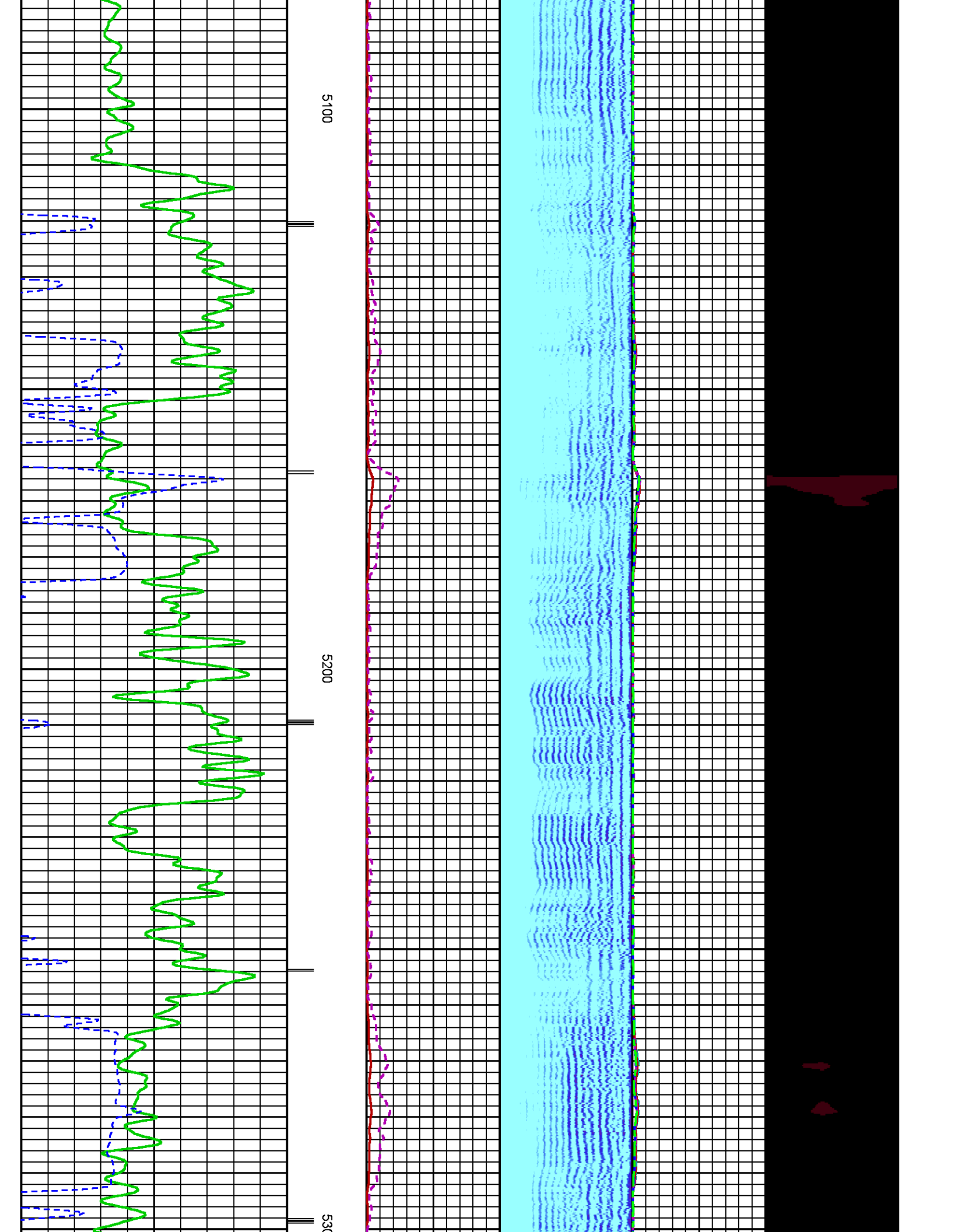
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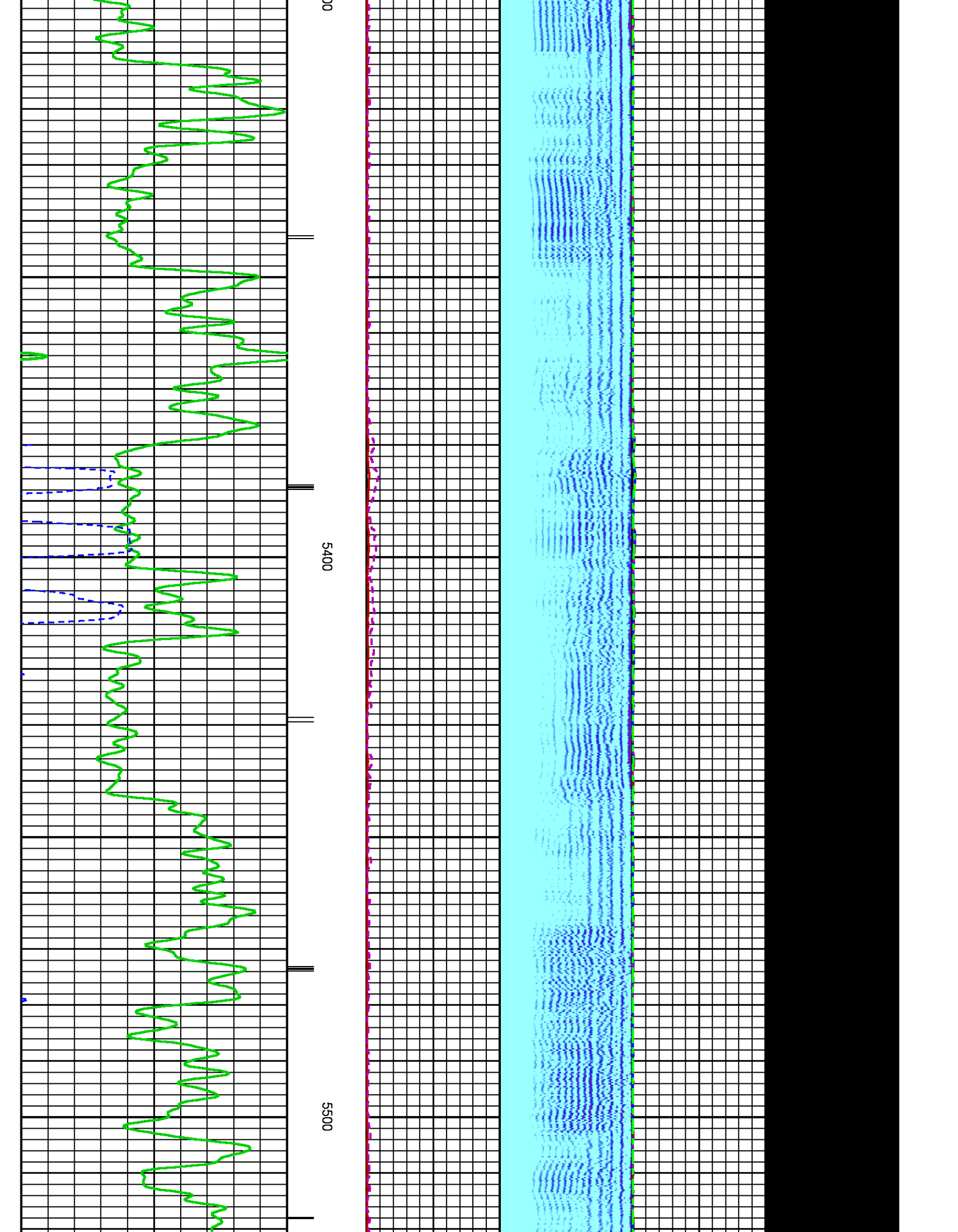
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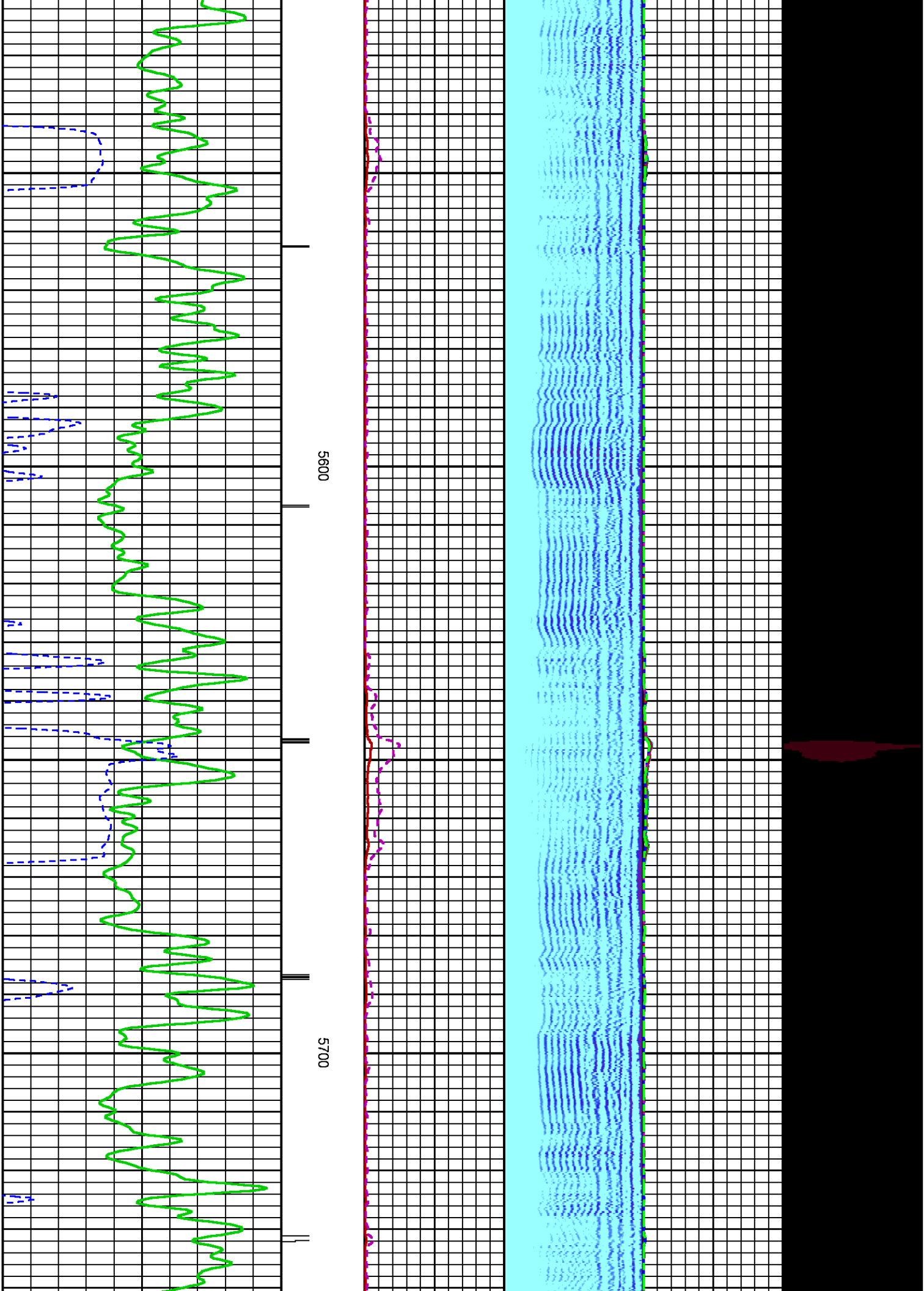


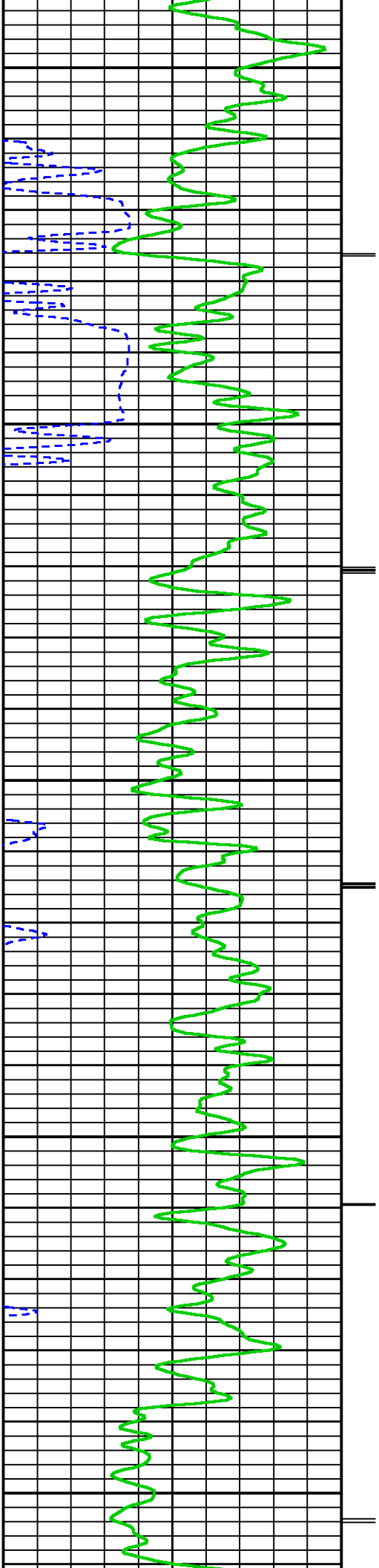






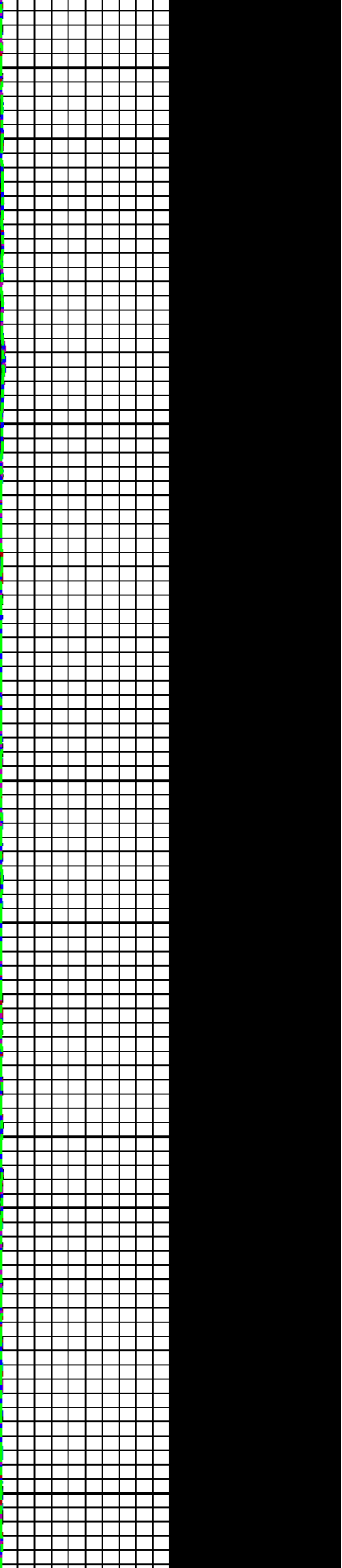
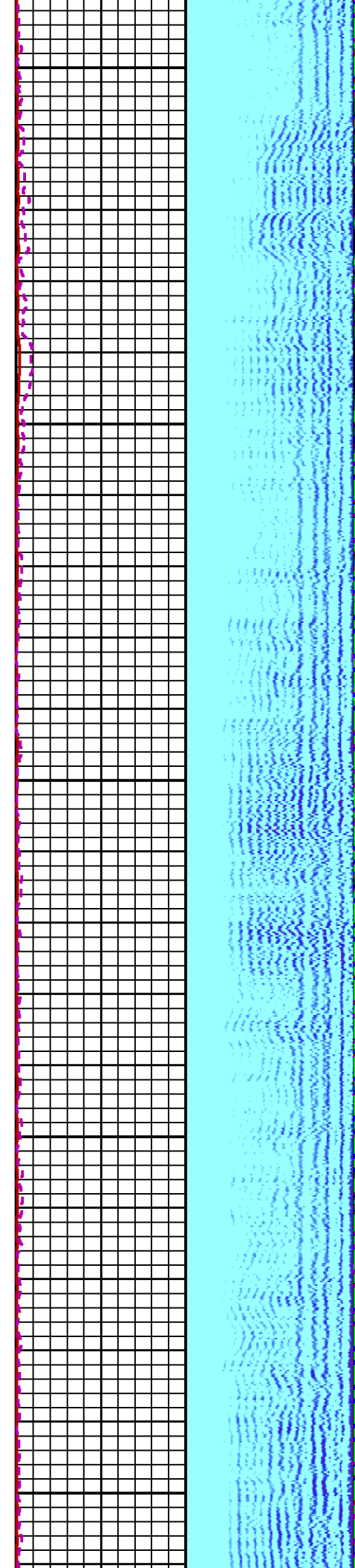


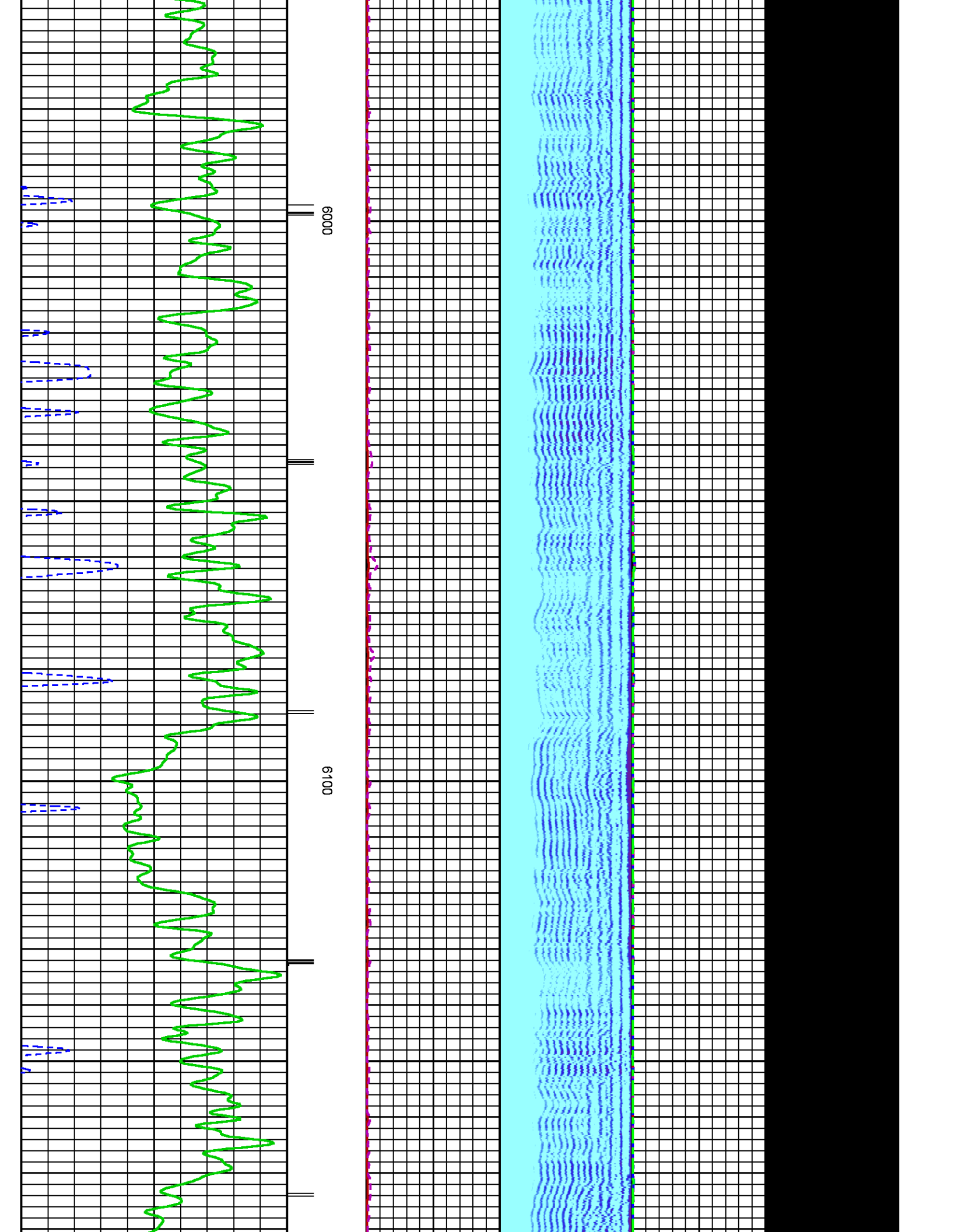




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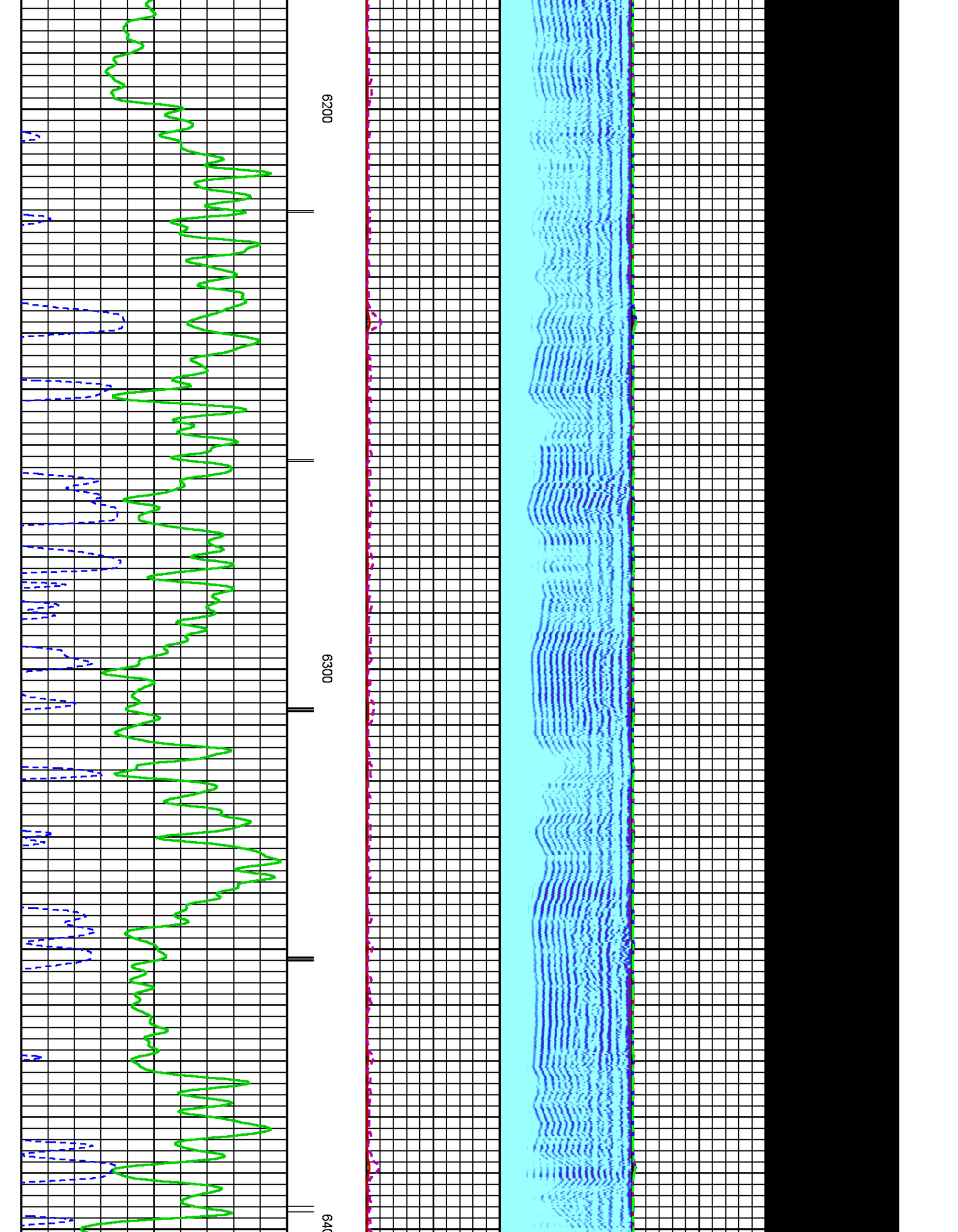
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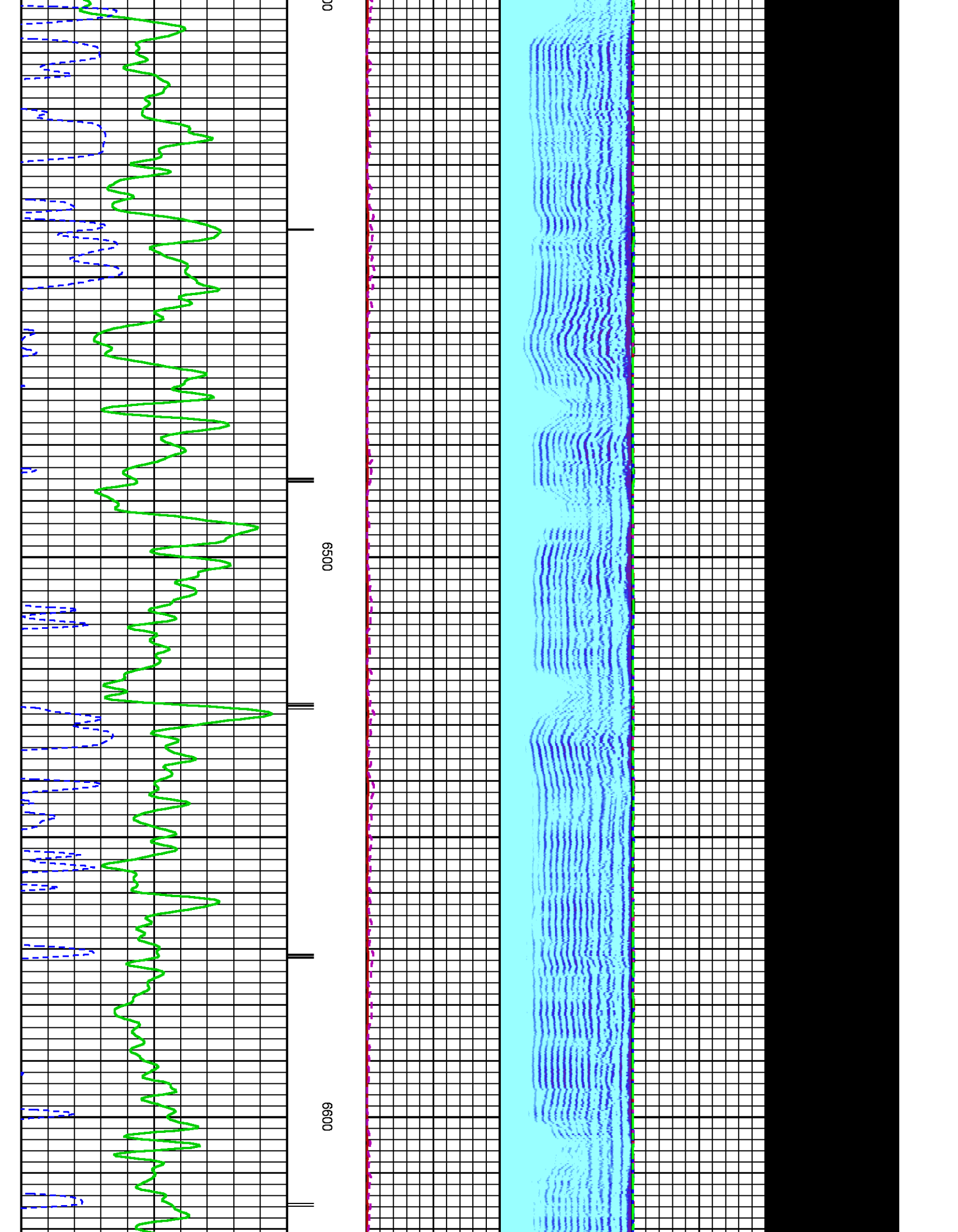


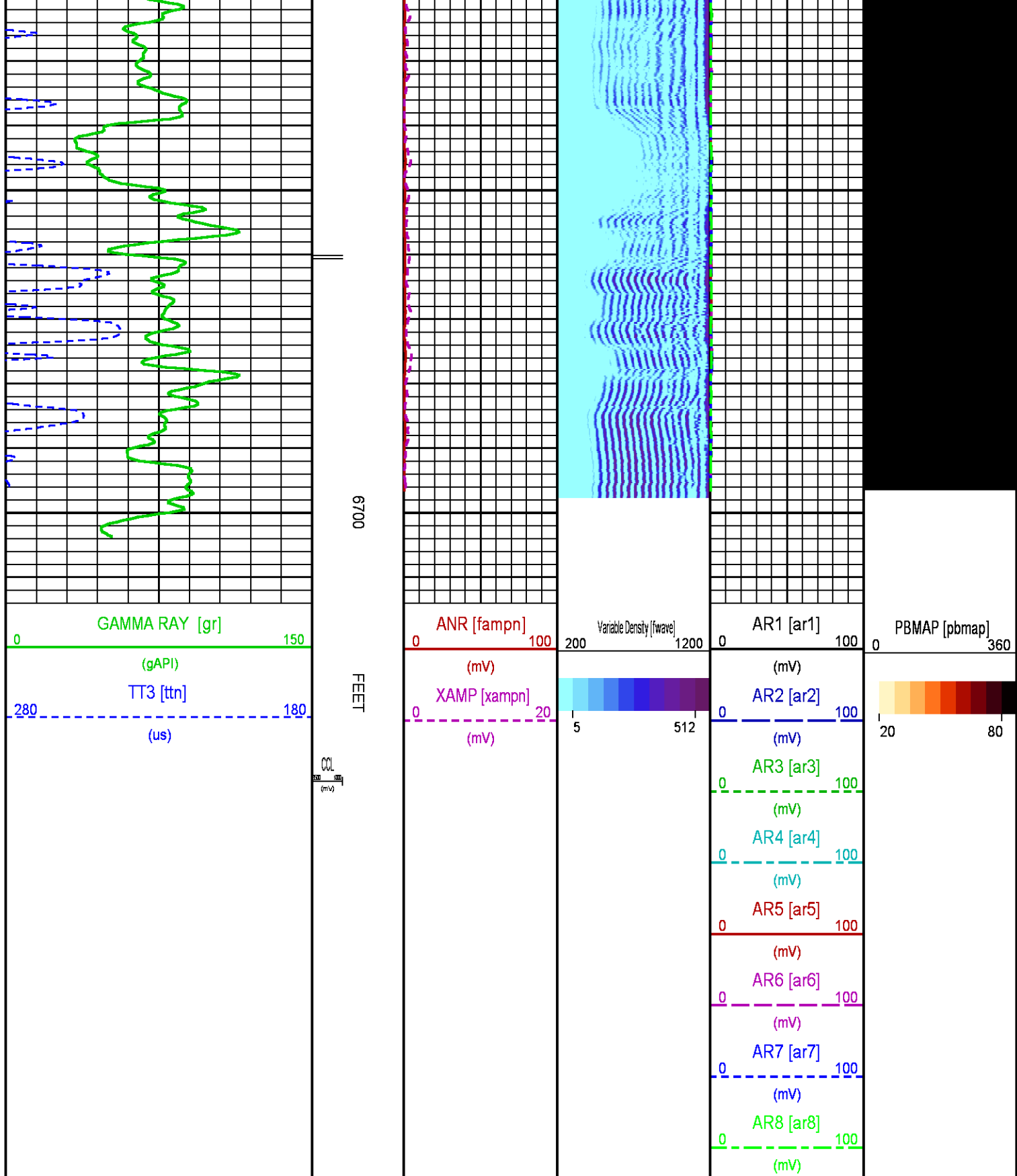


6000

6100







**REPEAT LOG 0 PSI**

Updates: 1

Plotted: Sun Jun 29 15:48:03 2014

### PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH087294/n012e01.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 6307.250 ft BOTTOM DEPTH: 6719.500 ft

#### SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

#### RAL CCL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM

#### ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	185	us	TOP	BOTTOM
	AMP WINDOW LENGTH	30	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	160	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-65	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

### CURVE DESCRIPTION REPORT

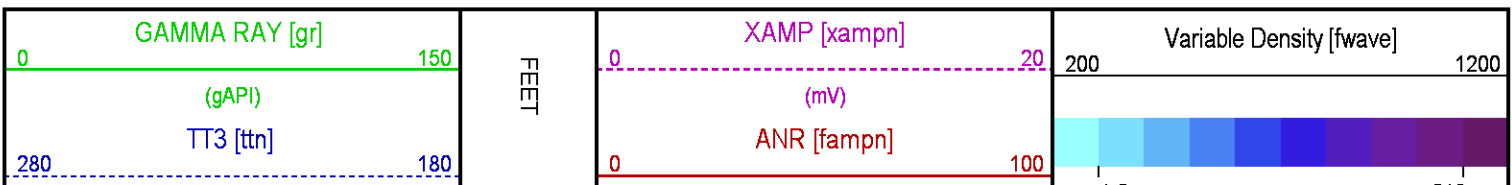
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jun 29 10:42:04 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jun 29 10:42:04 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 29 10:42:04 2014	FAR WAVE FORM
F1:GR	Jun 29 10:42:04 2014	GAMMA RAY
F1:TTN	Jun 29 10:42:04 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jun 29 10:42:04 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

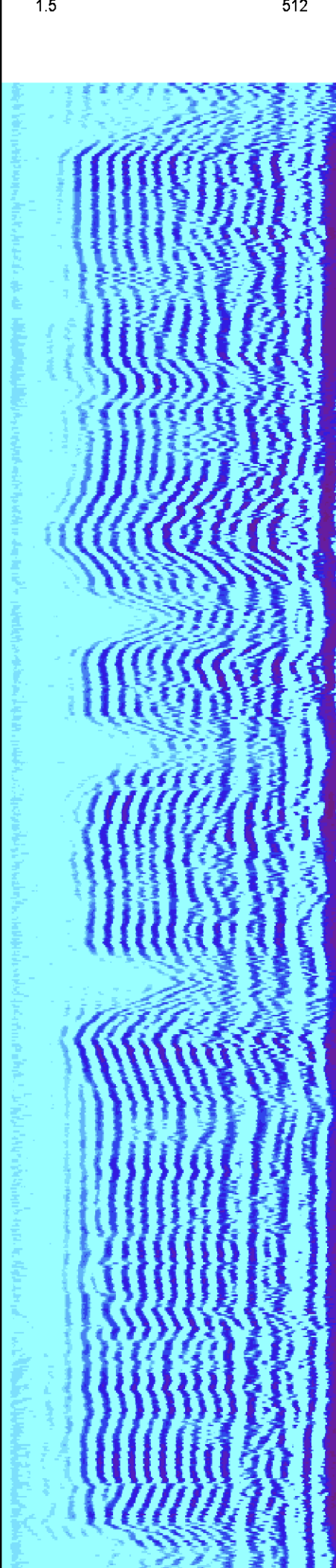
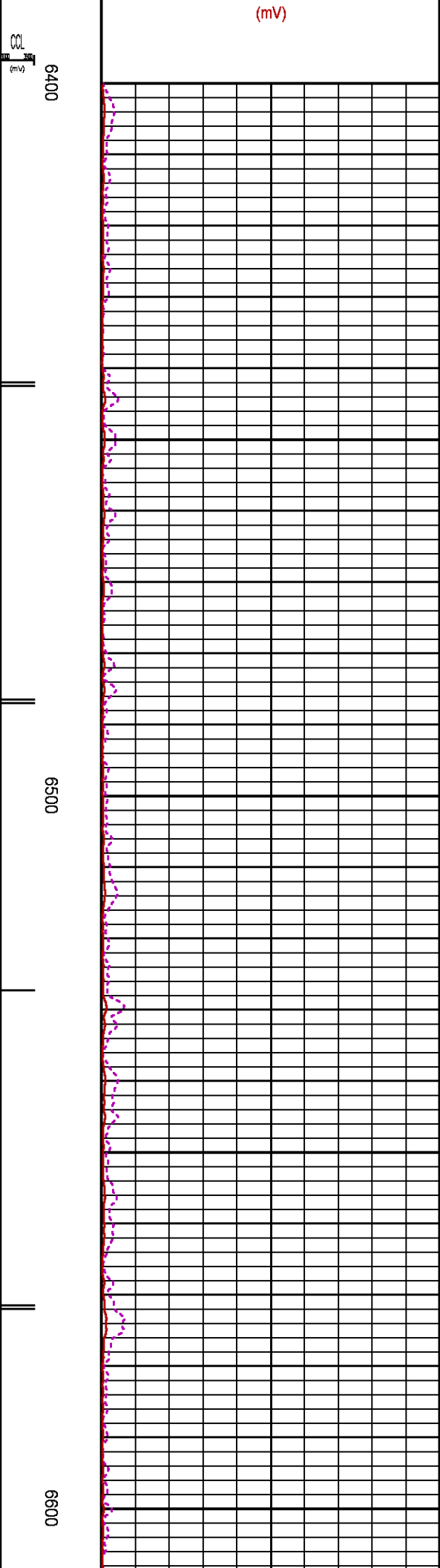
### CURVE MEASURE POINT OFFSET

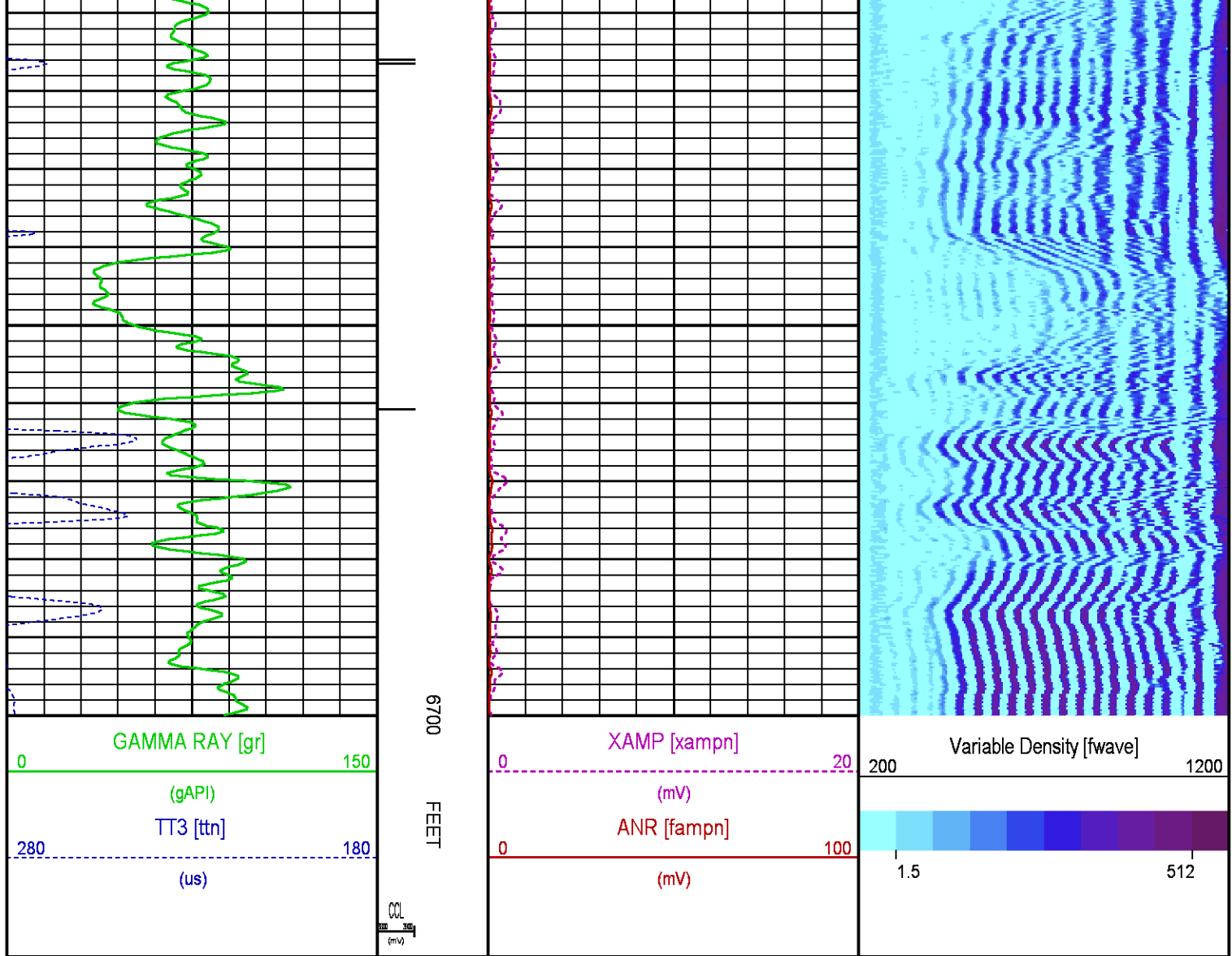
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

Presentation : HL6670:CBL\_PRI\_PRES\_REPEAT.fvpdf [5"/100' Scale]  
 Plot Interval : 6400 - 6700 Feet

Data File 1 : F1 : HL6670:/dat1a/CH087294/n012e01.xtf  
 Created On : Jun 29 10:42:04 2014  
 Company : WPX ENERGY INC  
 Well : C & C ENERGY GM 423-13  
 Field : GRAND VALLEY  
 File Interval : 6293.5 - 6719.5 Feet  
 OCT : n012e







### CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH087294/CBL.tp1

### RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10218495

DATE/TIME PERFORMED: Sun Jun 29 07:40:12 2014

UNIT #: 3880TA HL6670

TARGETS	NEAR (mV)	RADIAL (mV)	FAR (mV)
	100.00	100.00	150.00

	NEAR	R1	R2	R3	R4	R5	R6	R7	R8	FAR	CAL
ZERO (mV)	3.23	2.71	3.60	3.72	3.74	3.50	3.54	2.79	2.44	-3.78	-0.05
AMP FLUID (mV)	336	328	327	329	328	330	330	332	332	420	328
TT (us)	218	218	218	218	218	218	218	218	218	299	218
M FACTOR	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.30	0.30	0.35	0.31

## RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10218495      DATE/TIME PERFORMED: Sun Jun 29 10:13:11 2014      DAYS SINCE CAL: 0

UNIT #: 3880TA HL6670      CABLE #: 6670SM SMALL1

	NEAR (mV)	R1 (mV)	R2 (mV)	R3 (mV)	R4 (mV)	R5 (mV)	R6 (mV)	R7 (mV)	R8 (mV)	FAR (mV)	CAL (mV)
ZERO	<span style="border: 1px solid black; padding: 2px;">0.45</span>	<span style="border: 1px solid black; padding: 2px;">0.46</span>	<span style="border: 1px solid black; padding: 2px;">0.54</span>	<span style="border: 1px solid black; padding: 2px;">0.54</span>	<span style="border: 1px solid black; padding: 2px;">0.58</span>	<span style="border: 1px solid black; padding: 2px;">0.51</span>	<span style="border: 1px solid black; padding: 2px;">0.50</span>	<span style="border: 1px solid black; padding: 2px;">0.51</span>	<span style="border: 1px solid black; padding: 2px;">0.46</span>	<span style="border: 1px solid black; padding: 2px;">1.42</span>	<span style="border: 1px solid black; padding: 2px;">-0.00</span>
AMP AIR	<span style="border: 1px solid black; padding: 2px;">0.20</span>	<span style="border: 1px solid black; padding: 2px;">0.26</span>	<span style="border: 1px solid black; padding: 2px;">0.12</span>	<span style="border: 1px solid black; padding: 2px;">-0.03</span>	<span style="border: 1px solid black; padding: 2px;">0.06</span>	<span style="border: 1px solid black; padding: 2px;">0.09</span>	<span style="border: 1px solid black; padding: 2px;">0.39</span>	<span style="border: 1px solid black; padding: 2px;">0.15</span>	<span style="border: 1px solid black; padding: 2px;">0.17</span>	<span style="border: 1px solid black; padding: 2px;">-0.94</span>	<span style="border: 1px solid black; padding: 2px;">100.79</span>

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
<span style="border: 1px solid black; padding: 2px;">0.31</span>	<span style="border: 1px solid black; padding: 2px;">0.00</span>	<span style="border: 1px solid black; padding: 2px;">0.99</span>

## GR PRIMARY CALIBRATION SUMMARY

TOOL #: 2459XA 10218504      DATE/TIME PERFORMED: Sat Jun 7 11:54:50 2014

UNIT #: 3880TA HL6670      CALB JIG #: 4702NK DA-041

	BACKGROUND CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	<span style="border: 1px solid black; padding: 2px;">101.24</span>	<span style="border: 1px solid black; padding: 2px;">337.51</span>	<span style="border: 1px solid black; padding: 2px;">0.783</span>	<span style="border: 1px solid black; padding: 2px;">79.28</span>	<span style="border: 1px solid black; padding: 2px;">264.28</span>

## GR PRIMARY VERIFICATION SUMMARY

TOOL #: 2459XA 10218504      DATE/TIME PERFORMED: Sat Jun 7 11:56:22 2014

UNIT #: 3880TA HL6670      VERI JIG #: 4702NK DA-041

	BACKGROUND CALBRTR ON (cts)	DIFF. (gAPI)
GR	<span style="border: 1px solid black; padding: 2px;">101.87</span>	<span style="border: 1px solid black; padding: 2px;">182.74</span>
		<span style="border: 1px solid black; padding: 2px;">175.00</span> <span style="border: 1px solid black; padding: 2px;">195.00</span>

## INSTRUMENT CONFIGURATION

Source File: /dat1a/CH087294/CBL-tdg

CABLEHEAD  
 Diameter : 2.75"  
 Length : 2.25'  
 Weight : 10 lbs  
 Series : CABL234  
 Mnemonic : CBLH

RADIAL BOND TOOL  
 Diameter : 2.75"  
 Length : 11.17'  
 Weight : 126 lbs  
 Series : 1426XA  
 Mnemonic : RAL  
 Measure Point: 4.21': NEAR RCVR  
 Measure Point: 3.25': FAR RCVR



23.02'

NEAR RCVR 13.81'

FAR RCVR 12.85'

CCL 8.65'

GR 6.79'

NEU 1.40'

0.00'

RAL NEUTRON/GR/CCL/CHV DETECTOR

Diameter : 2.75"  
Length : 9.42'  
Weight : 106 lbs  
Series : 2459XA  
Mnemonic : RAL  
Measure Point: 8.46': CCL  
Measure Point: 6.60': GR  
Measure Point: 1.21': NEU

BULL PLUG 2 3/4

TOTAL LENGTH: 23.02'  
TOTAL WEIGHT: 258 lbs  
MAX DIAMETER: 0'4.00'





COMPANY WPX ENERGY INC  
WELL C & C ENERGY GM 423-13  
FIELD GRAND VALLEY  
COUNTY GARFIELD STATE CO

FILE NO:  
US087294  
API NO:  
05045222620000

LOCATION:  
SHL: 277' FSL 1001' FWL S12 T7S R96W  
BHL: 2246' FNL 1223' FWL S13 T7S 96W  
SEC 13 TWP 7S RGE 96W

ELEVATIONS:  
KB 5165 FT  
DF  
GL 5141 FT

S13 T7S R96W  
PAD: GM 24-12  
RIG: HP-318

DATE 29-Jun-2014