



FILE NO: US093868 COMPANY WPX ENERGY ROCKY MTN LLC
WELL FEDERAL PA 541-27
FIELD PARACHUTE
COUNTY GARFIELD STATE CO

API NO: 0504522240000

Ver. 3.87

S27 T6S R95W
PAD: DOE 2-W-27
RIG: NABORS 576

LOCATION:

SHL: 2360' FNL: 658' FEL
BHL: 1301' FNL: 2189' FEL

OTHER SERVICES
RPM

SEC 27 TWP 6S RGE 95W

PERMANENT DATUM GL ELEVATION 5856 FT
LOG MEASURED FROM KB 26 FT ABOVE P.D.
DRILL. MEAS. FROM KB

ELEVATIONS:
KB 5882 FT
DF
GL 5856 FT

DATE	10-Jan-2015
RUN	1
TRIP	1
SERVICE ORDER	US093868
DEPTH DRILLER	8738 FT
DEPTH LOGGER	8684 FT
BOTTOM LOGGED INTERVAL	8674 FT
TOP LOGGED INTERVAL	26 FT
TIME STARTED	07:00
TIME FINISHED	11:00
OPERATOR RIG TIME	4 HR
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	80 FT
LOGGED CEMENT TOP	NA
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	63 FMN
MAX. RECORDED TEMP.	244 DEGF
REFERENCE LOG	NA
REFERENCE LOG DATE	NA
EQUIP. NO.	6670
LOCATION	GRAND JCT
RECORDED BY	D SMITH
WITNESSED BY	J DUCY

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	2890 FT
8.75 IN	2890 FT	8932 FT

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN	36 LB/F		0 FT	2890 FT
4.5 IN	11.6 LB/F		0 FT	8932 FT

REMARKS

RUN 1 TRIP 1: All data on this log is shifted using the CCL curve to put the wellhead (top CCL mark) on depth with ground level elevation at the client's request.

The amount of linear shift is -6.0 FT

Logged with zero PSI at wellhead.

BHT = 244 DEG

SJ = 5550' - 5528'

THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE SERVICES

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CBL	1426XA	10154957	CENTRALIZED
1	1	GR	2459XA	10218503	CENTRALIZED

PRIMARY PRESENTATION 0 PSI

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

Updates: 1 Patches: 4

Plotted: Sat Jan 10 17:22:10 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH093868/n012e04.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 41.000 ft BOTTOM DEPTH: 3110.250 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*)	187	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	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*)	-73	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

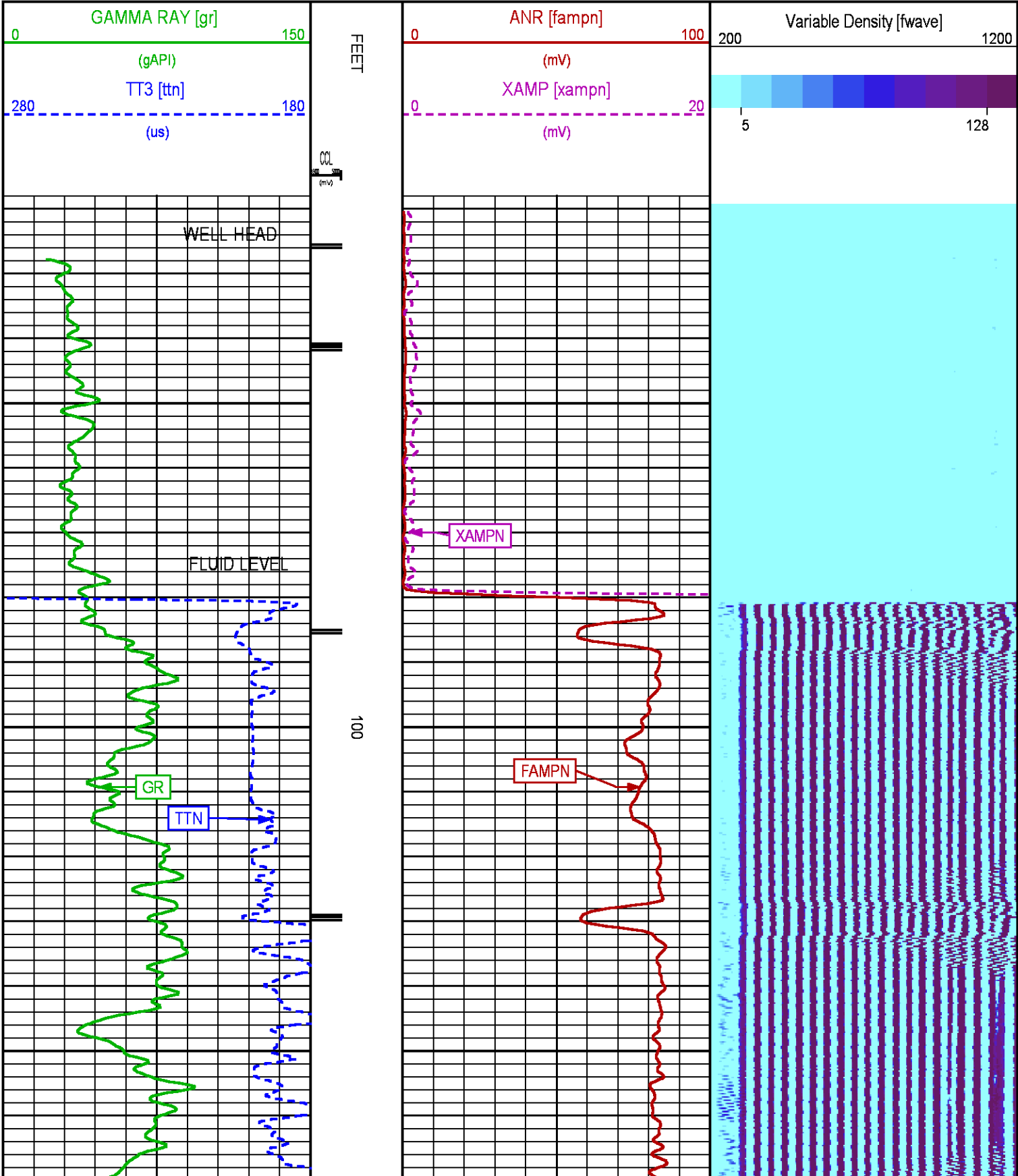
CURVE DESCRIPTION REPORT

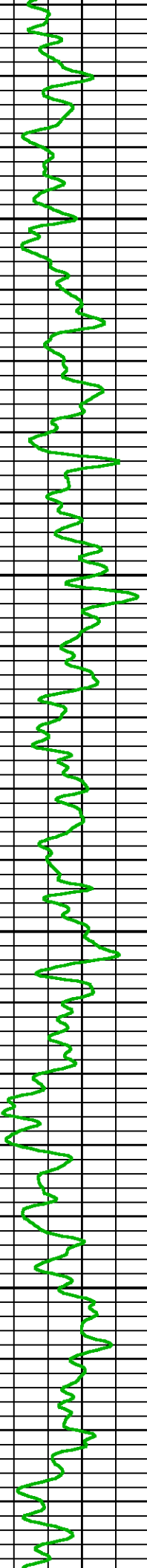
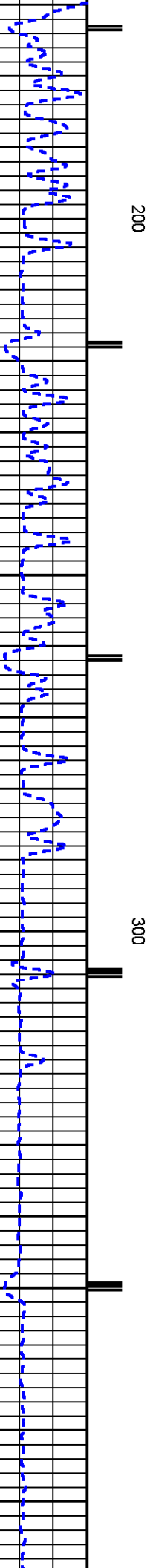
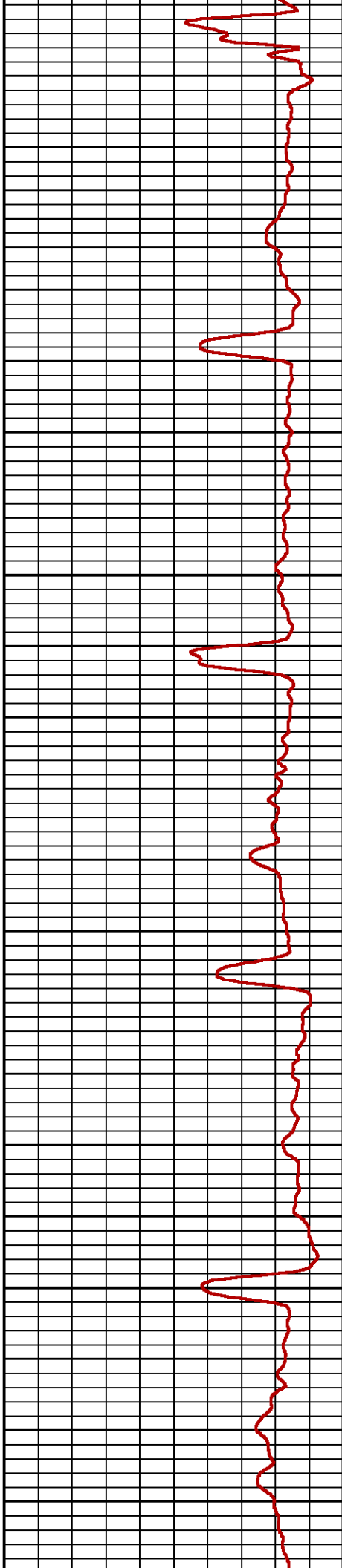
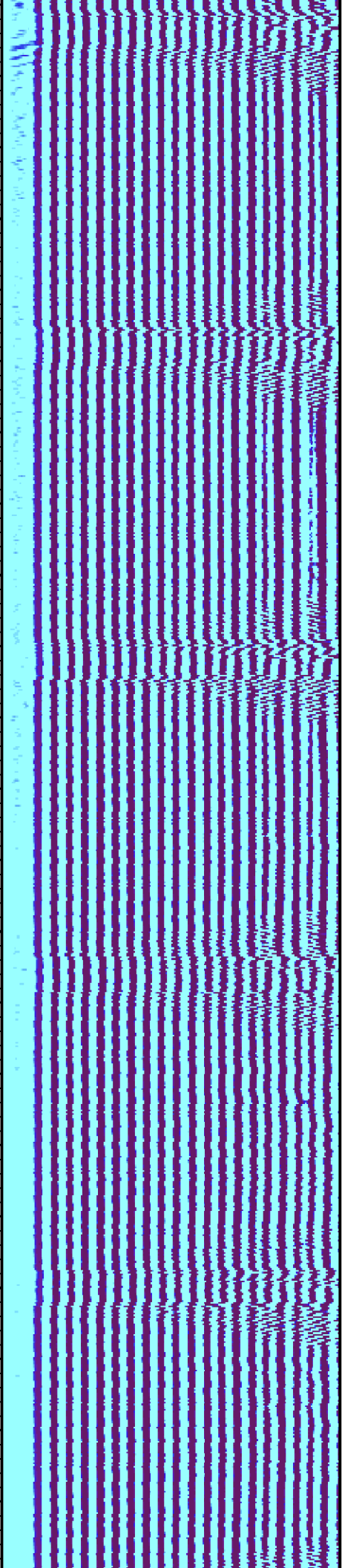
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jan 10 10:25:22 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jan 10 10:25:22 2015	FAR WAVE FORM
F1:GR	Jan 10 10:25:22 2015	GAMMA RAY
F1:TTN	Jan 10 10:25:22 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

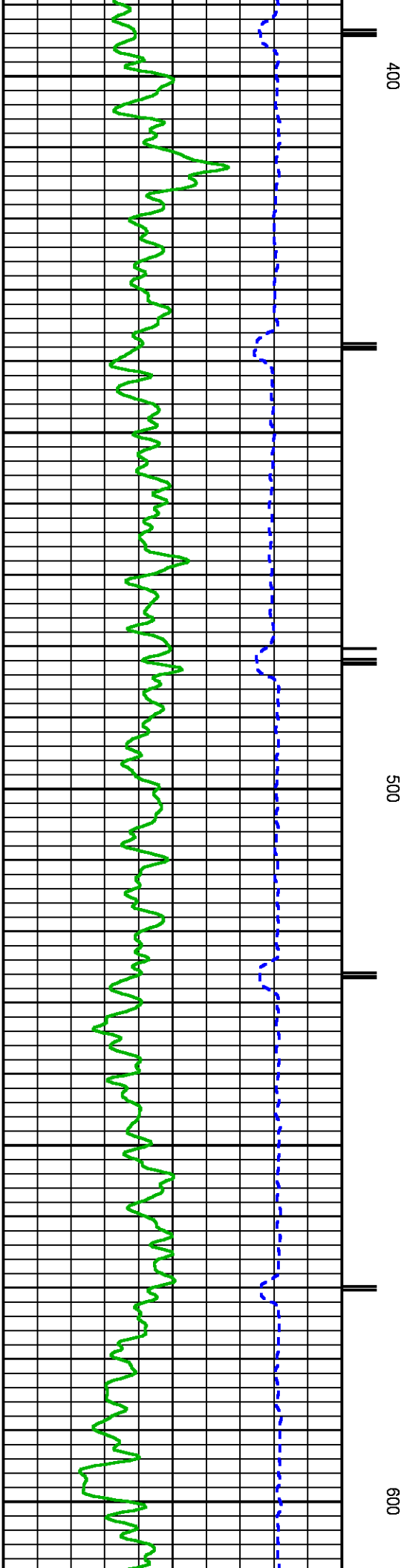
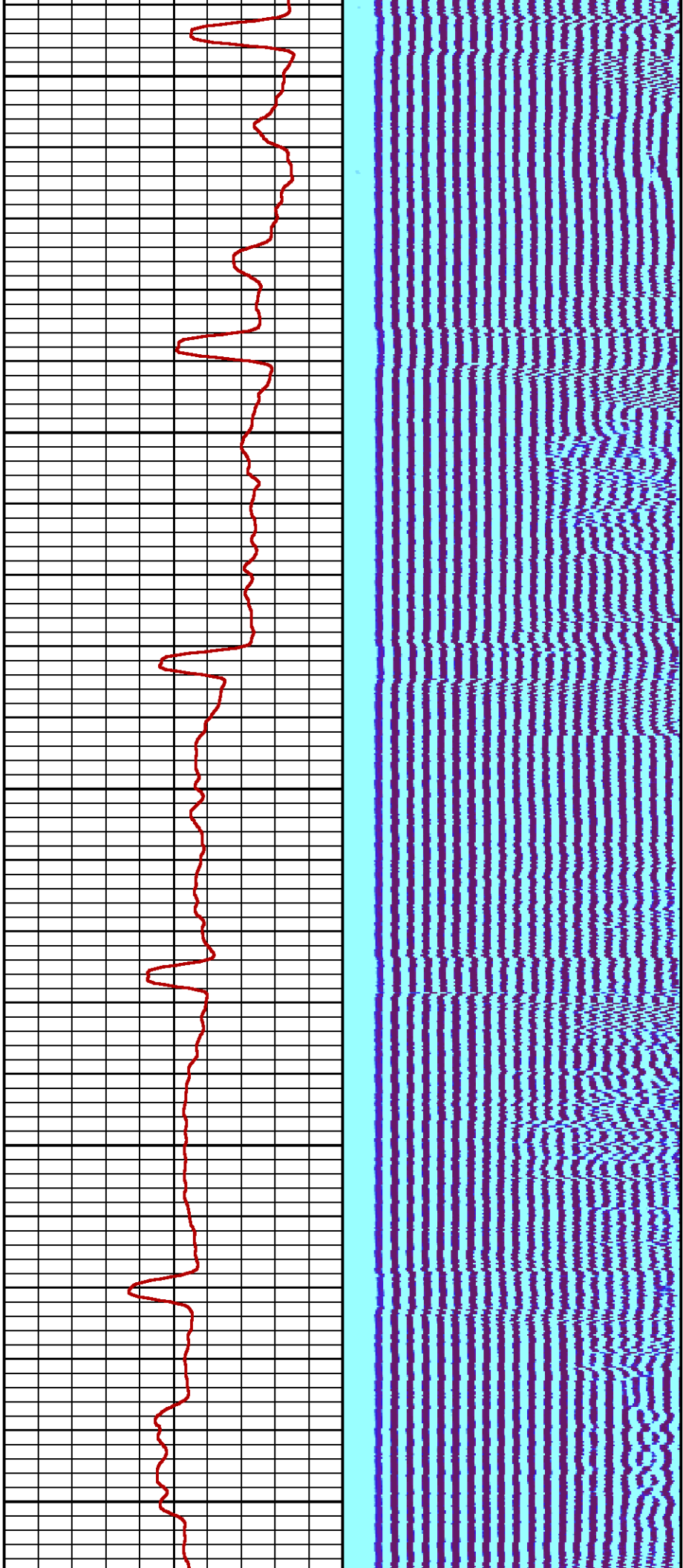
CURVE MEASURE POINT OFFSET

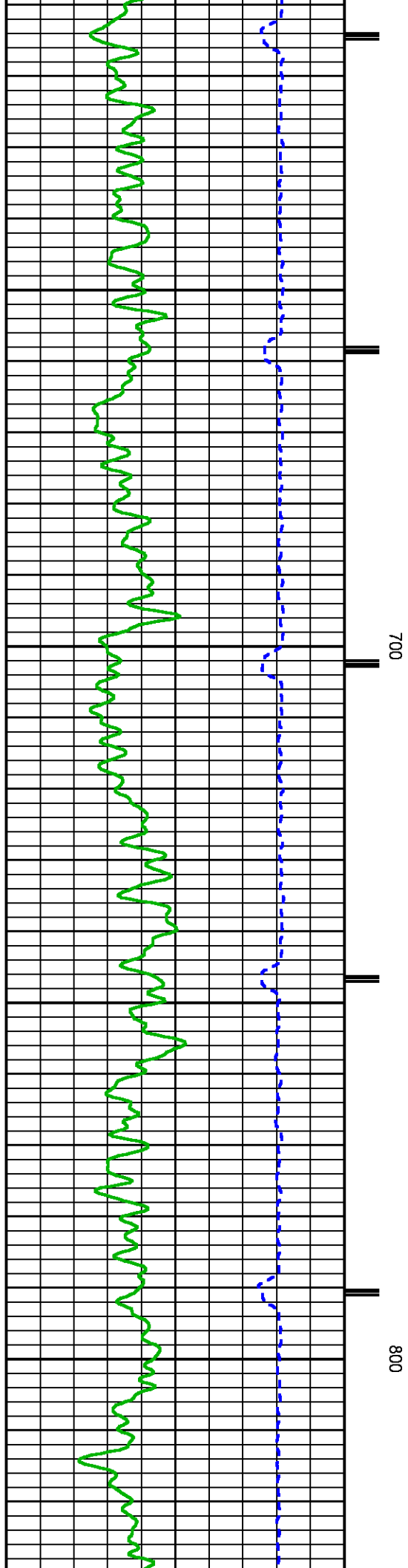
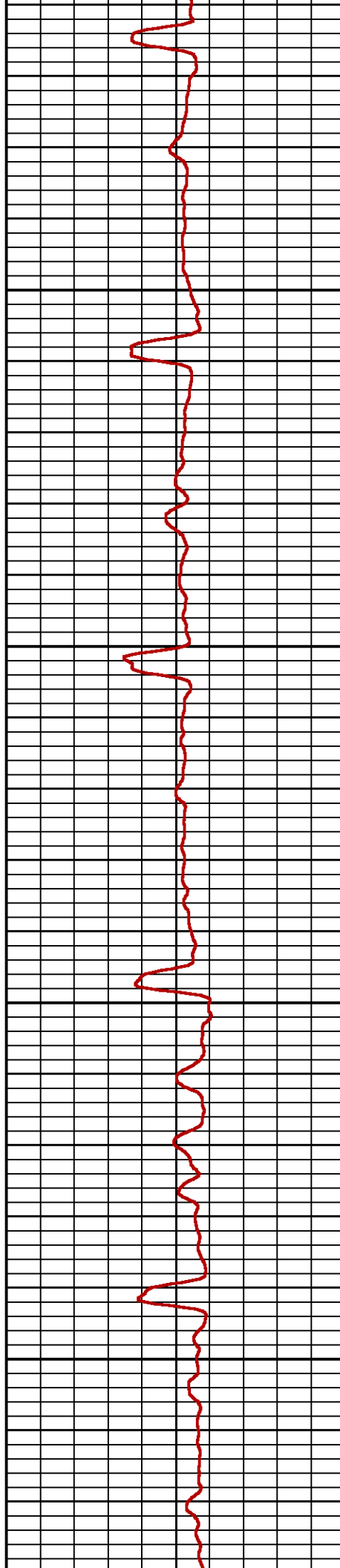
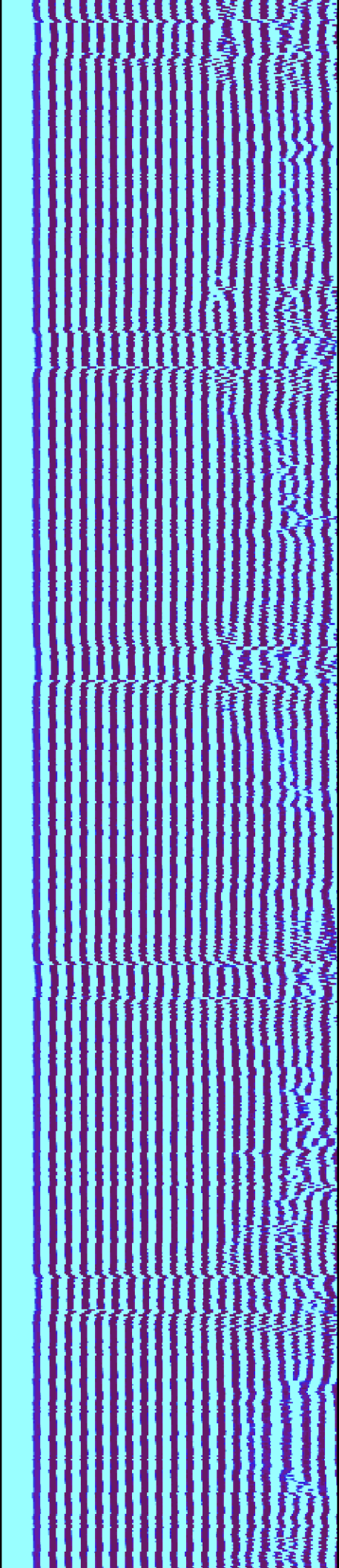
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		

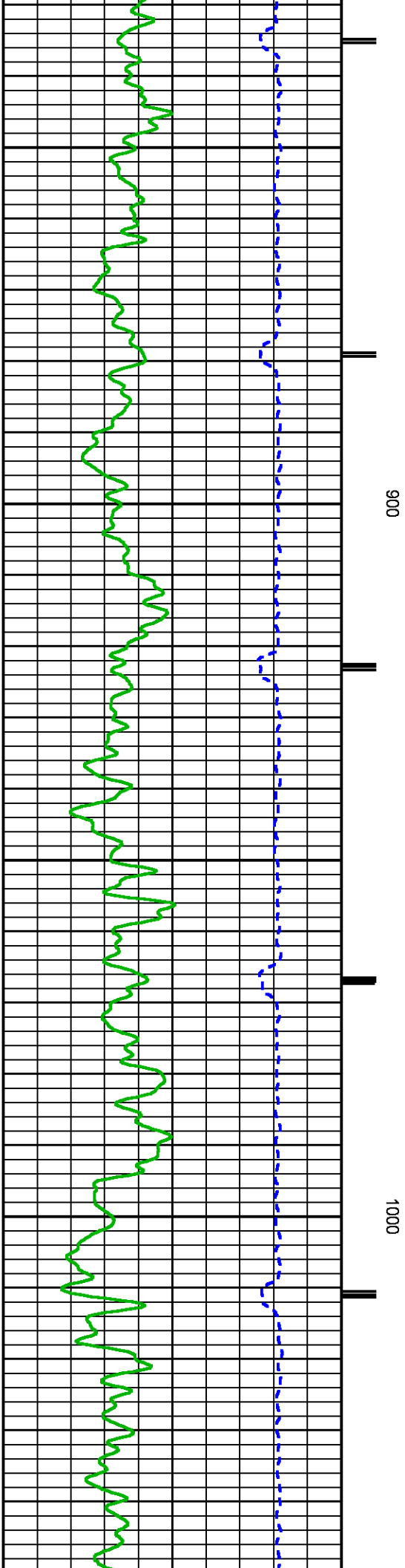
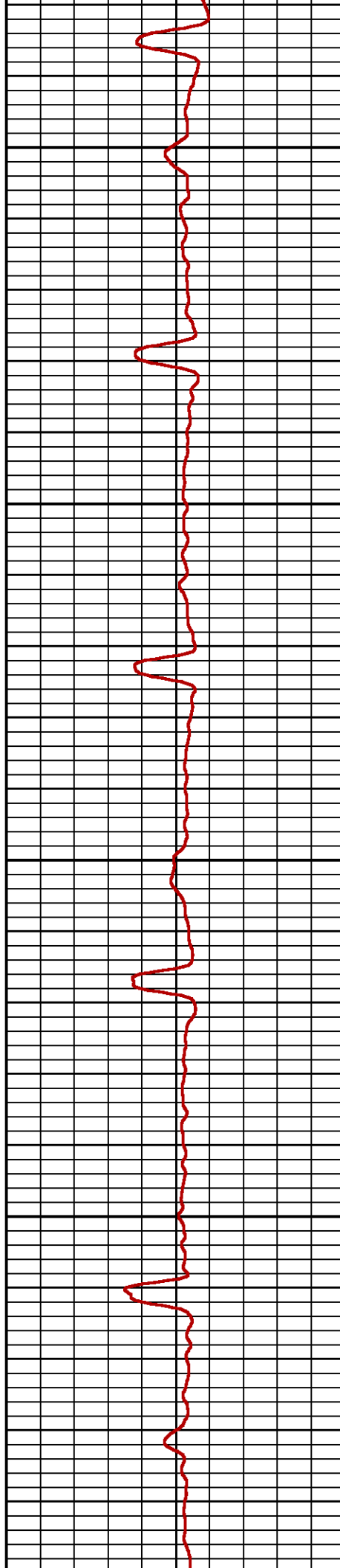
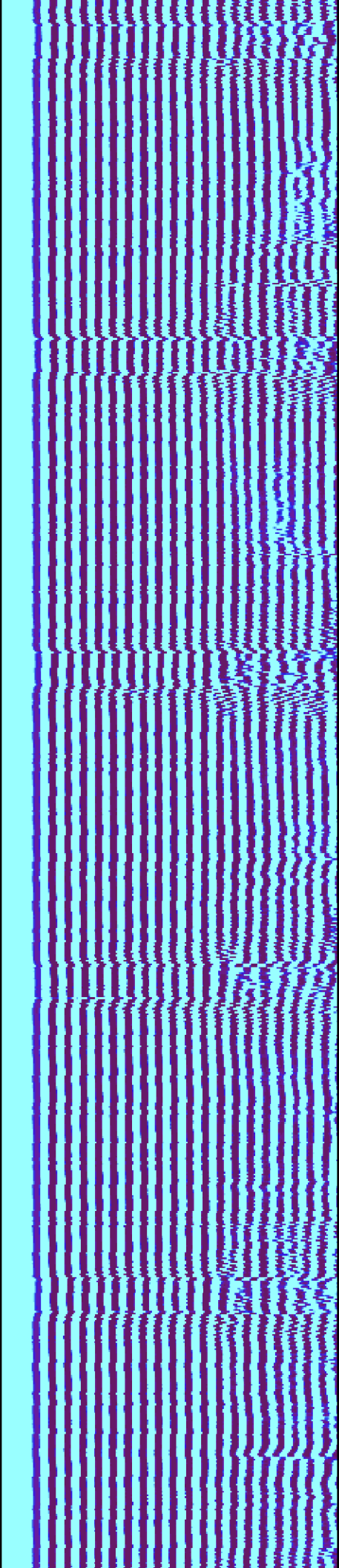
GR	13.75	TTN	13.75	FAMPN	10.70
FAMPN	13.75				
Presentation : HL6670:WPX_CBL_PRIMARY_PRESENTATION.fvpdf [5"/100' Scale] Plot Interval : 19.25 - 8691.5 Feet Data File 1 : F1 : HL6670:/dat1a/CH093868/n012esRAL.xtf Created On : Jan 10 10:25:22 2015 Company : WPX ENERGY ROCKY MTN LLC Well : FEDERAL PA 541-27 Field : PARACHUTE File Interval : 19.25 - 8691.5 Feet OCT : n012e					

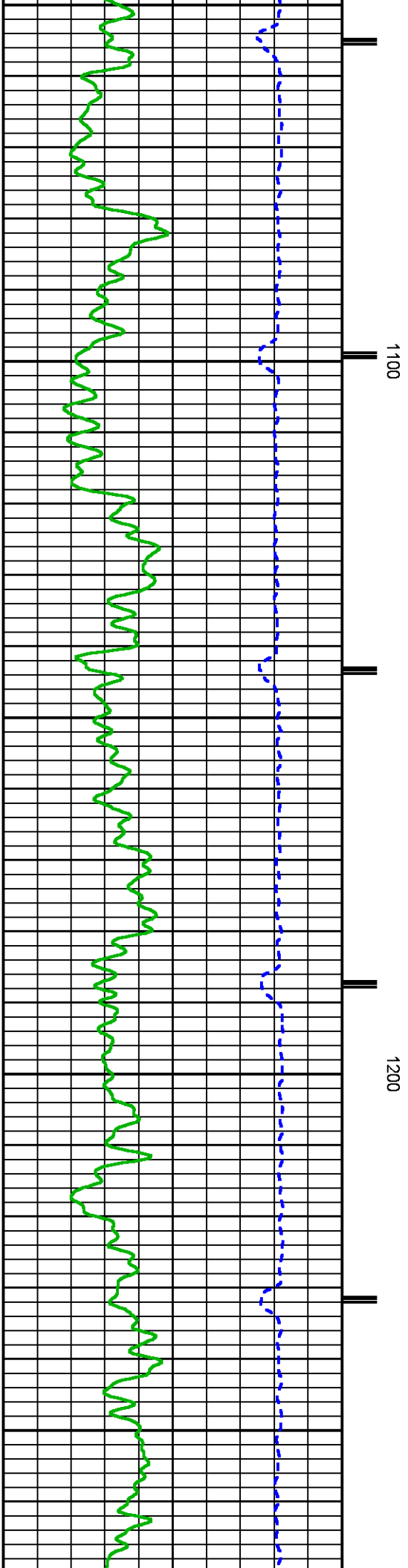
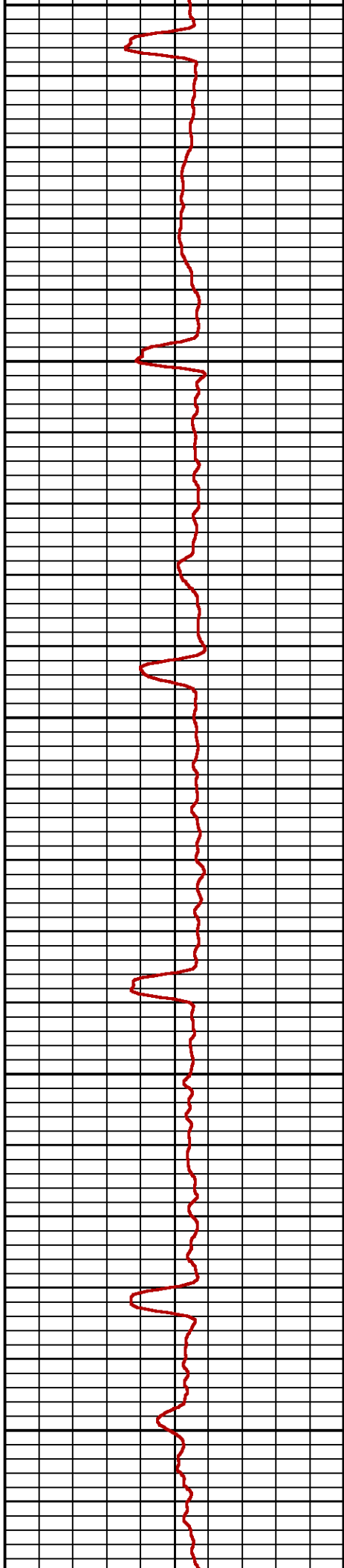
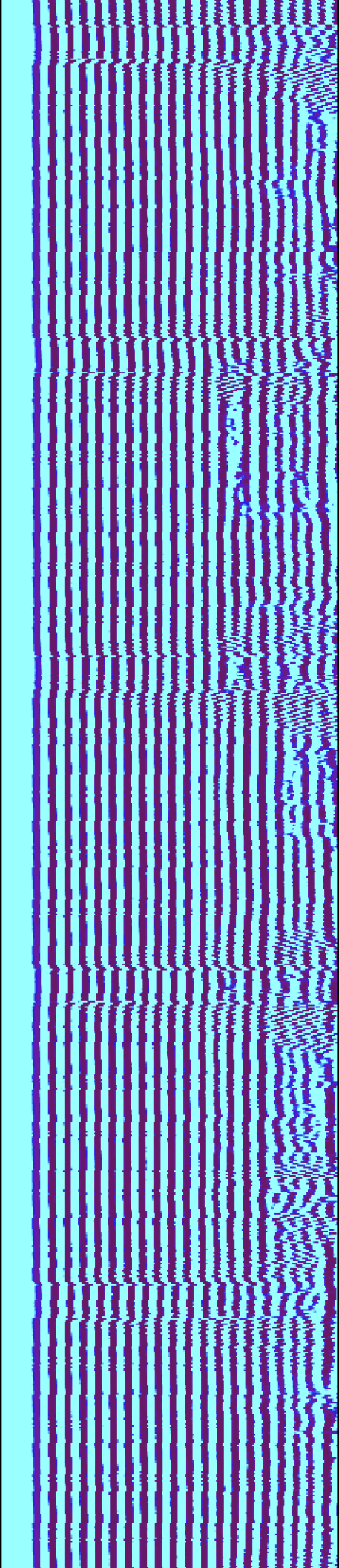


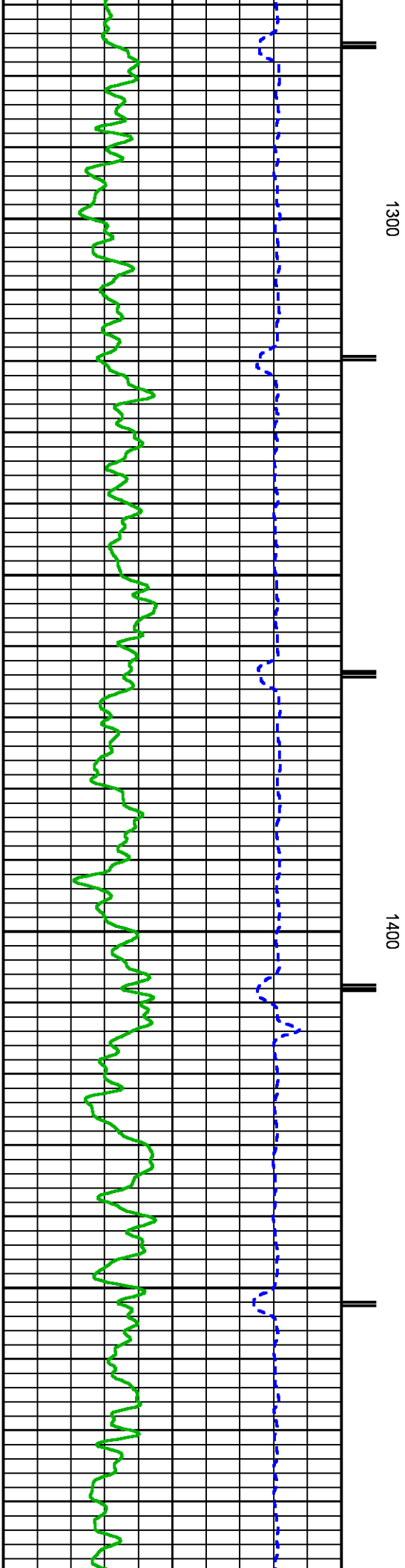
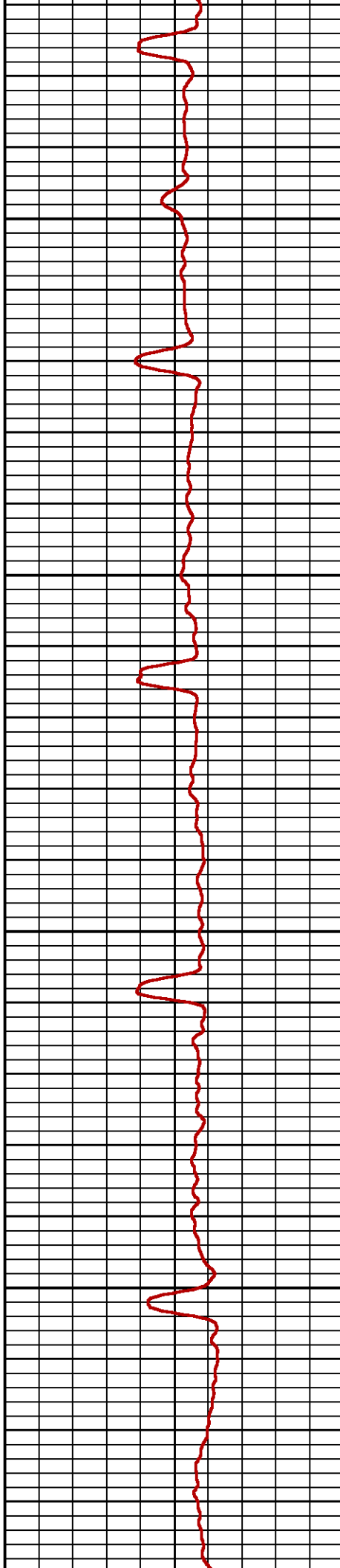
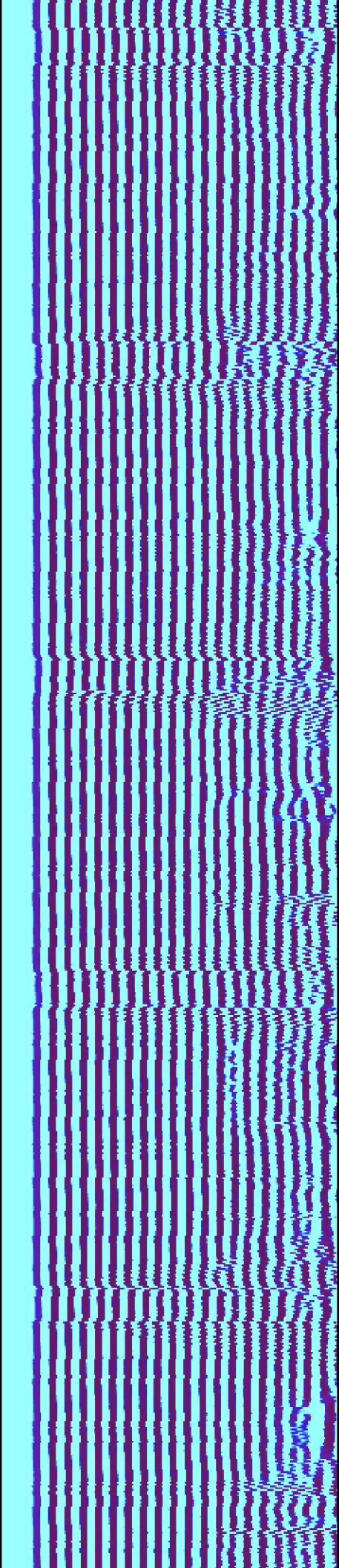


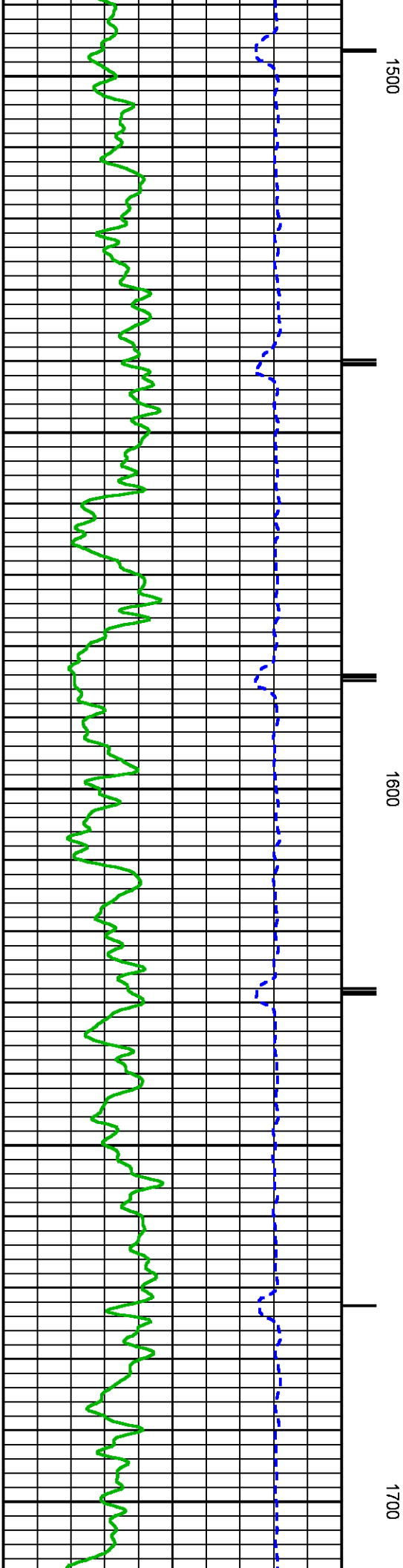
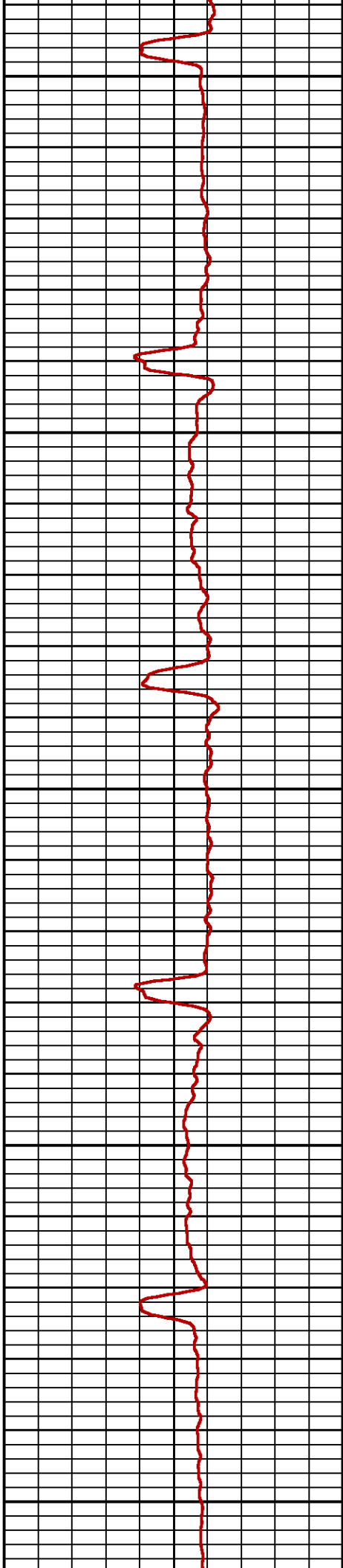
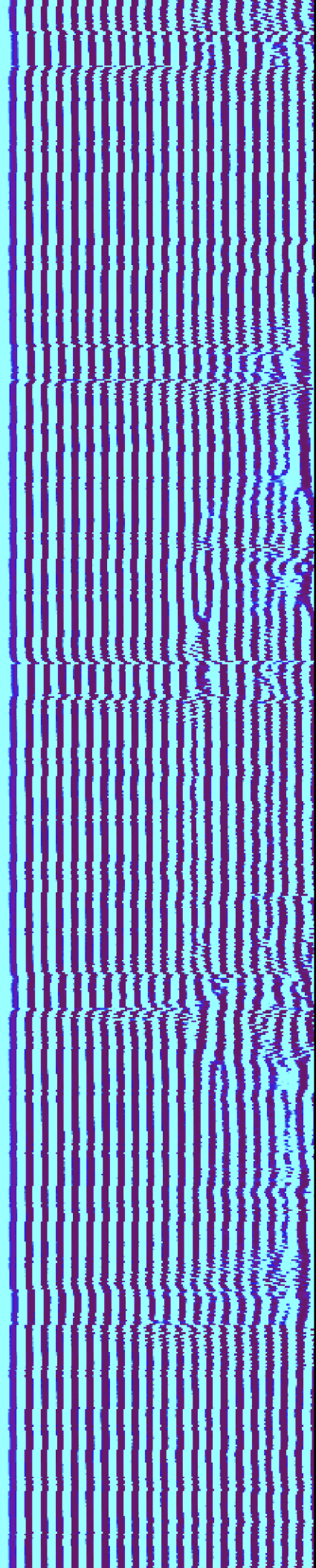


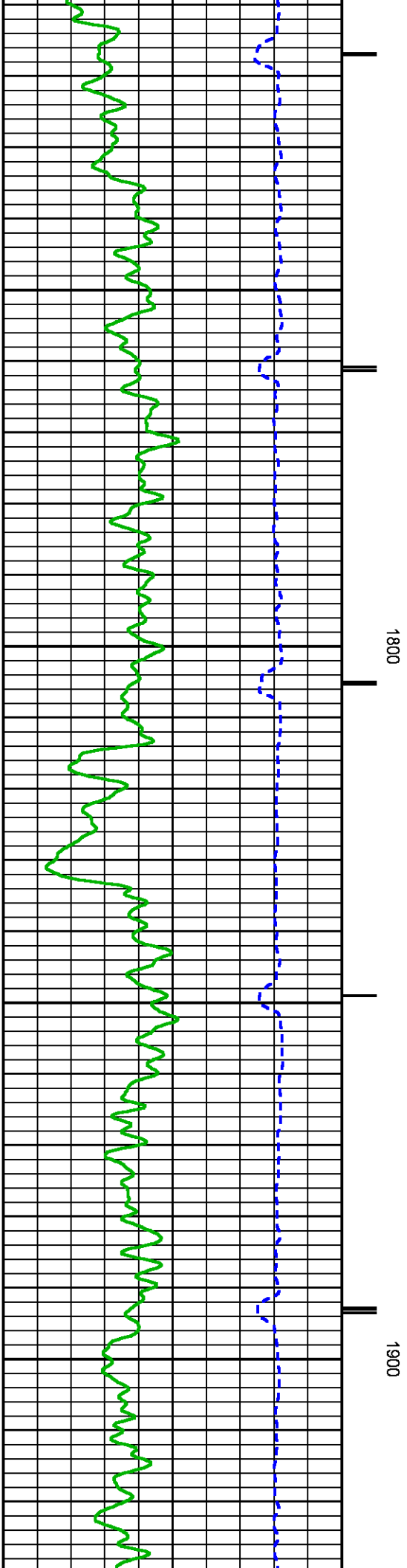
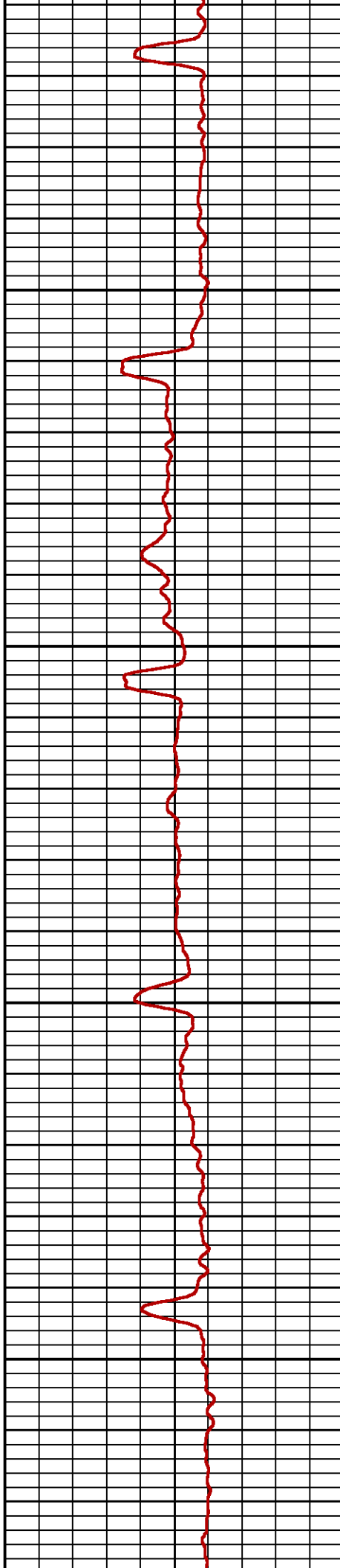
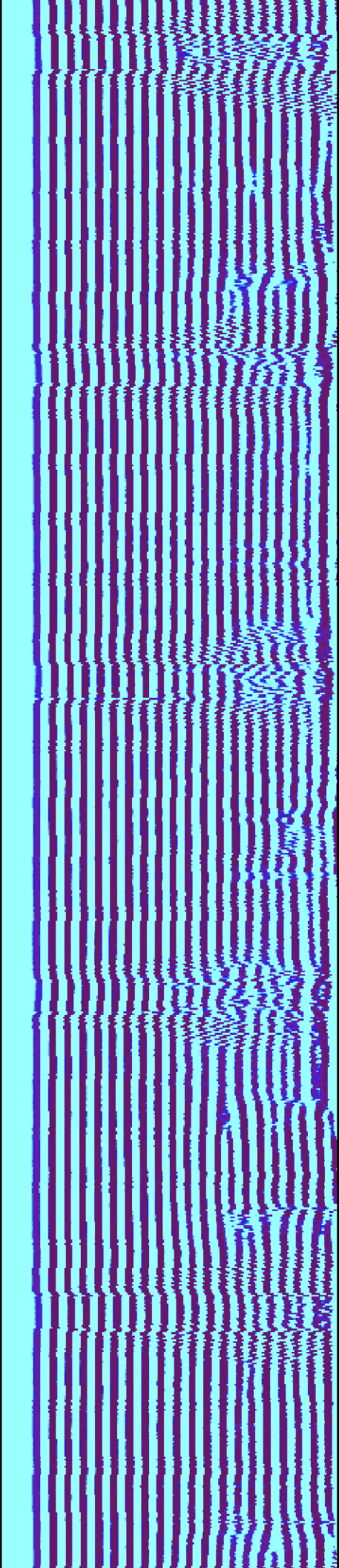


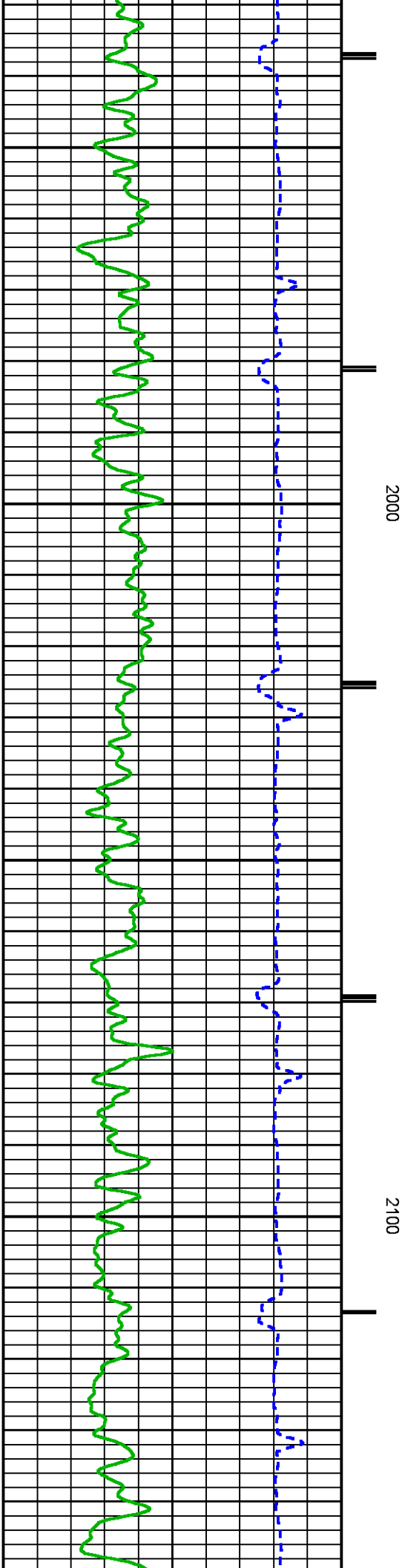
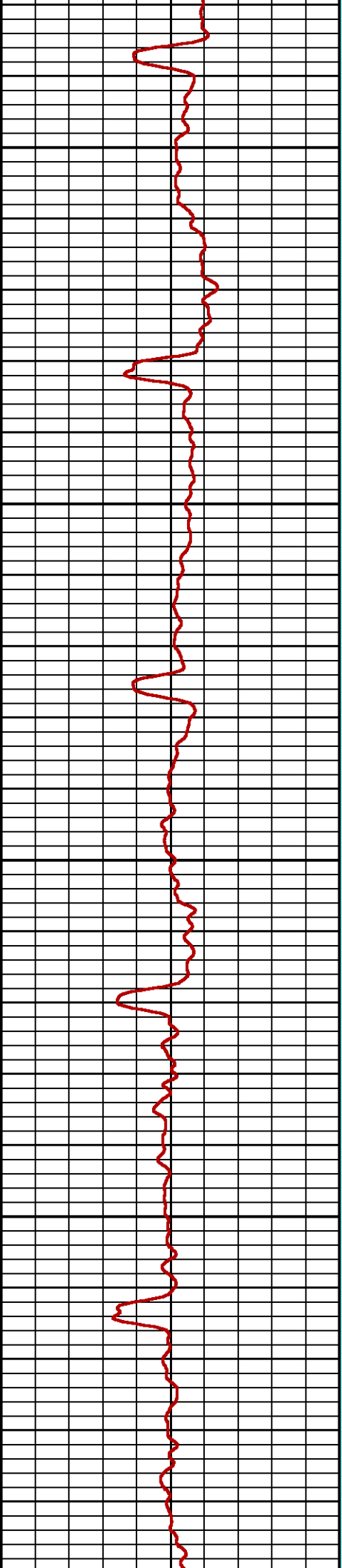
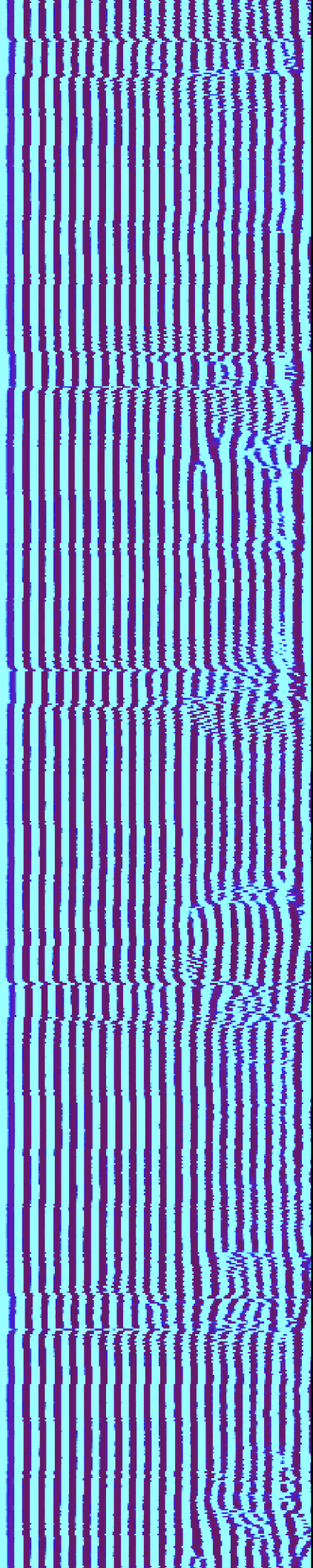


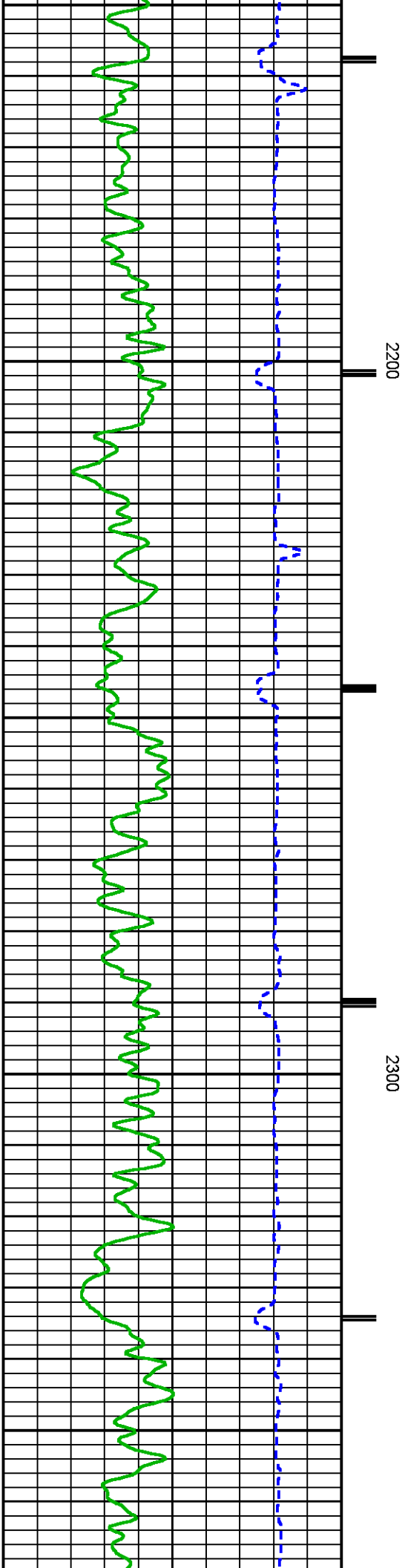
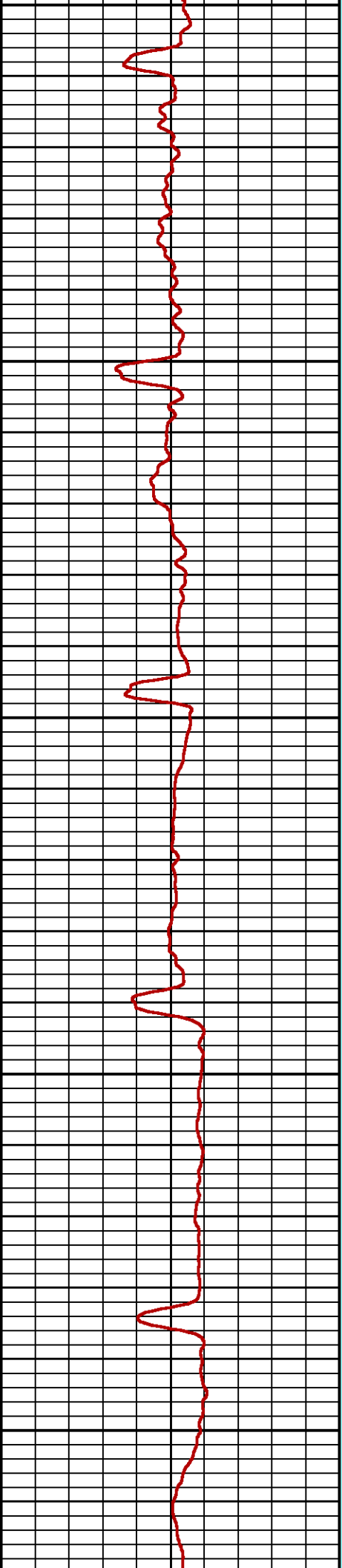
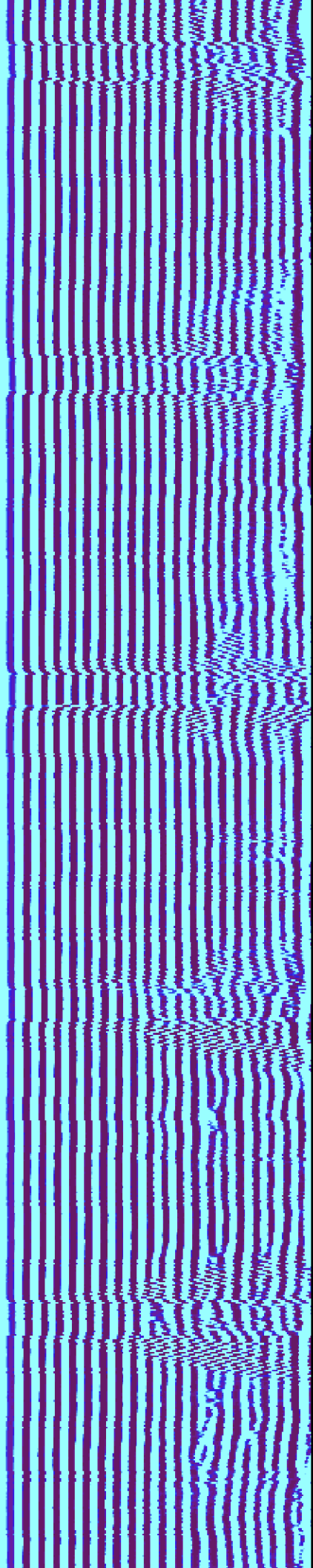


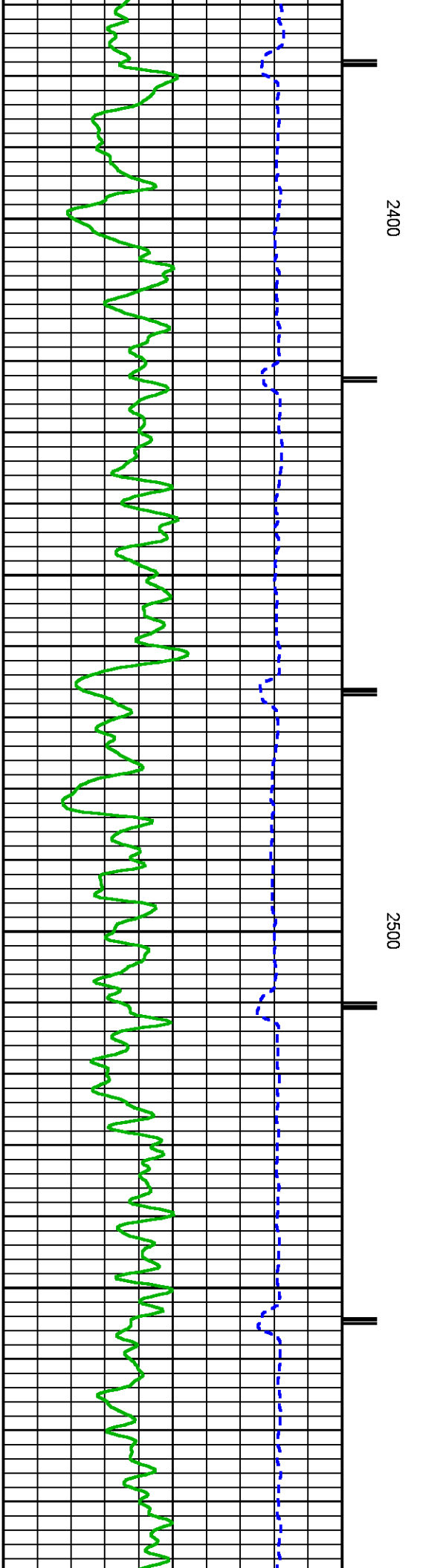
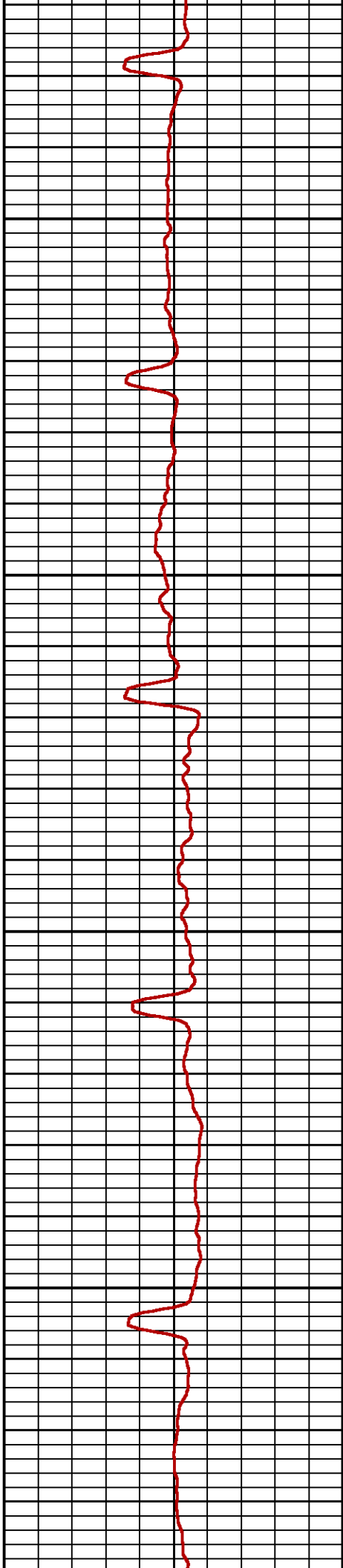
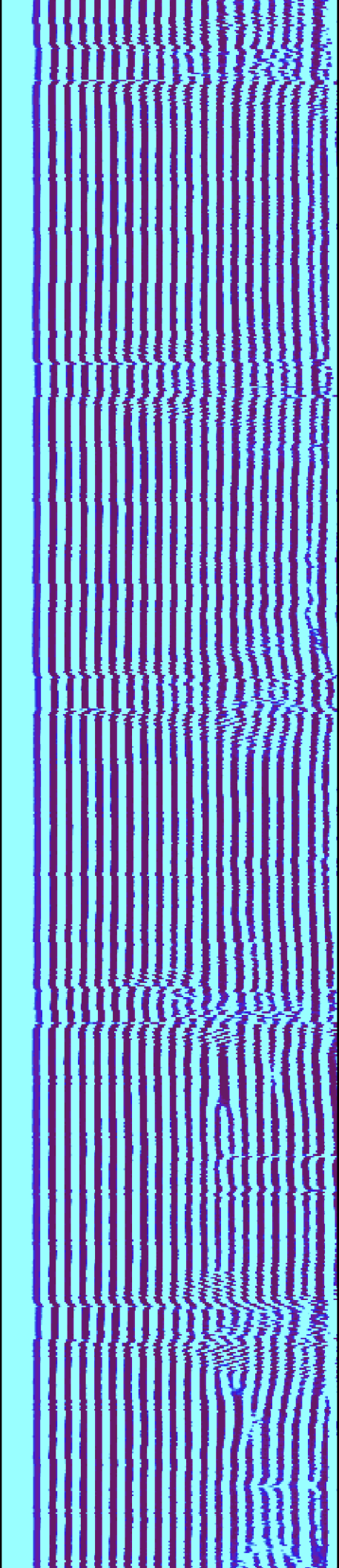


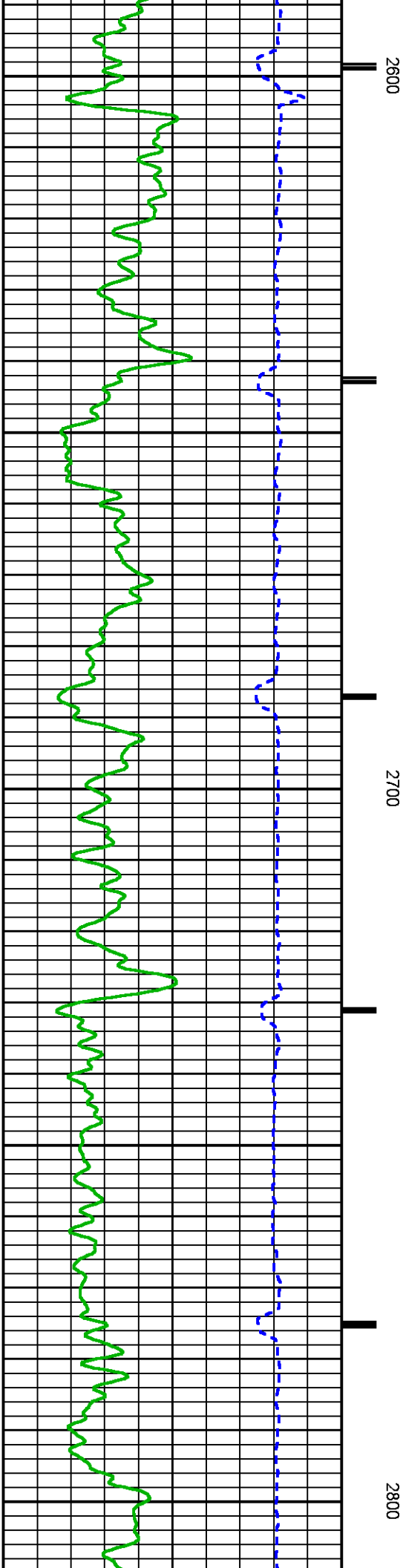
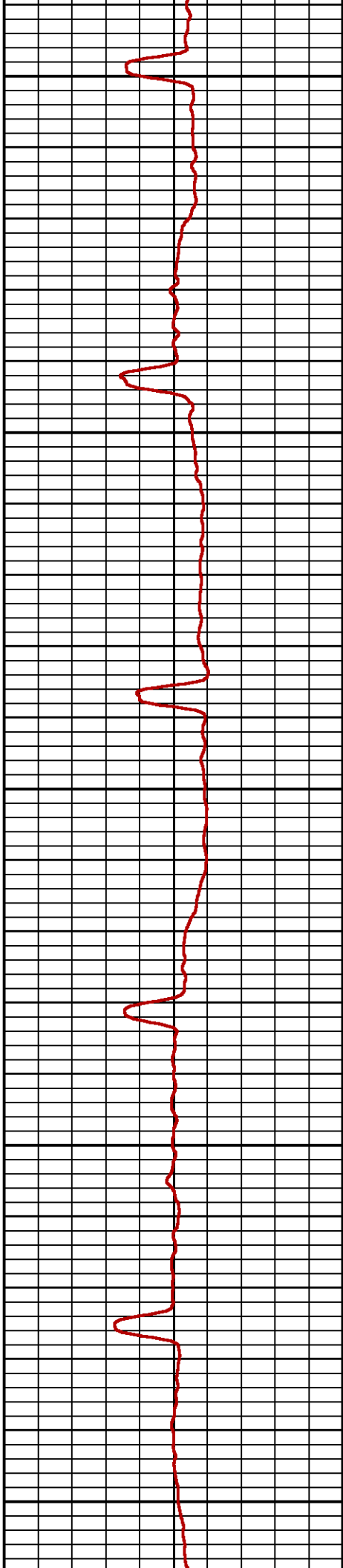
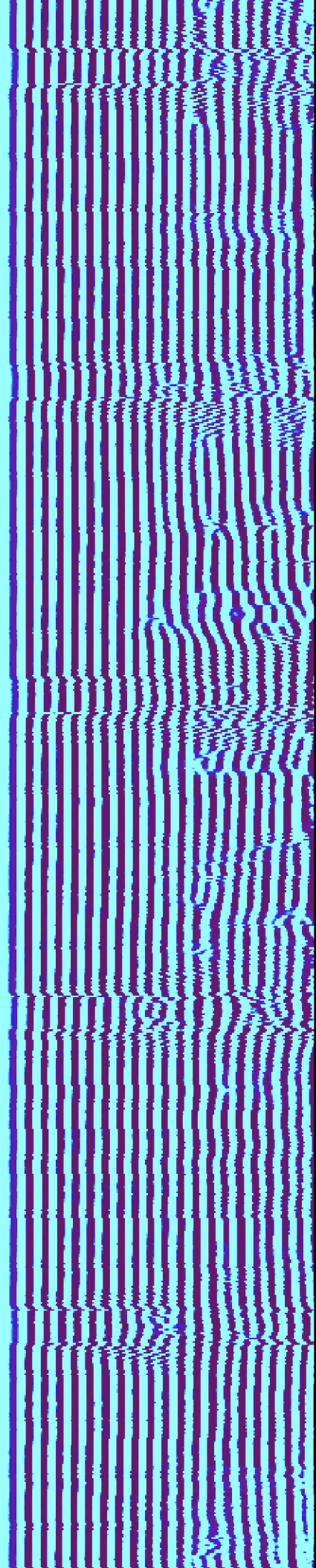


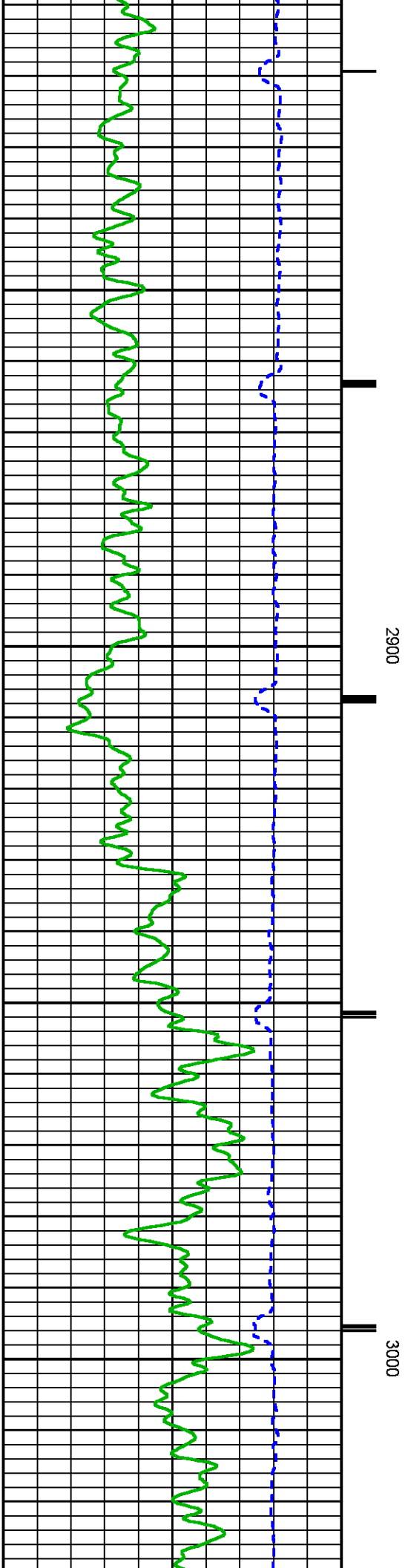
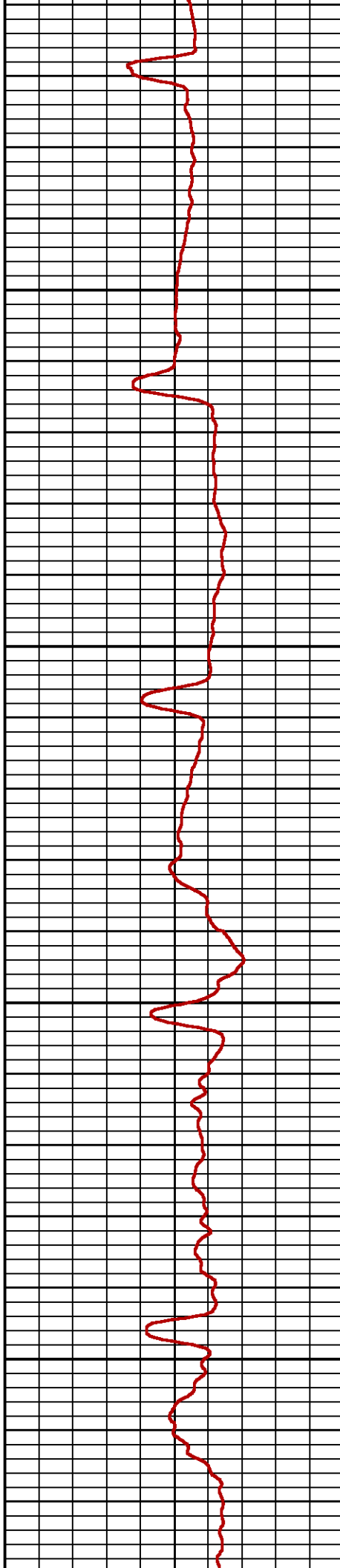
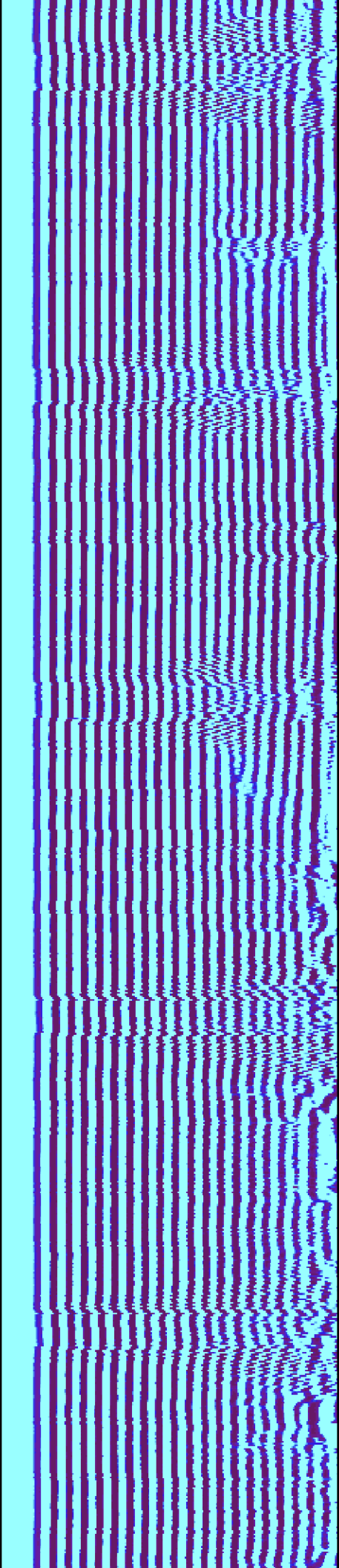


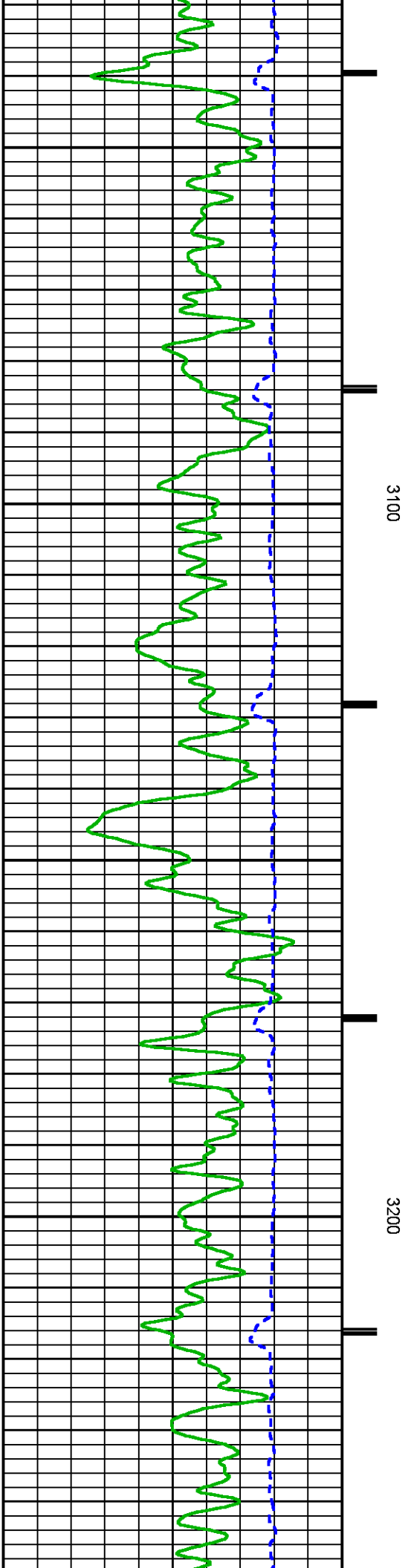
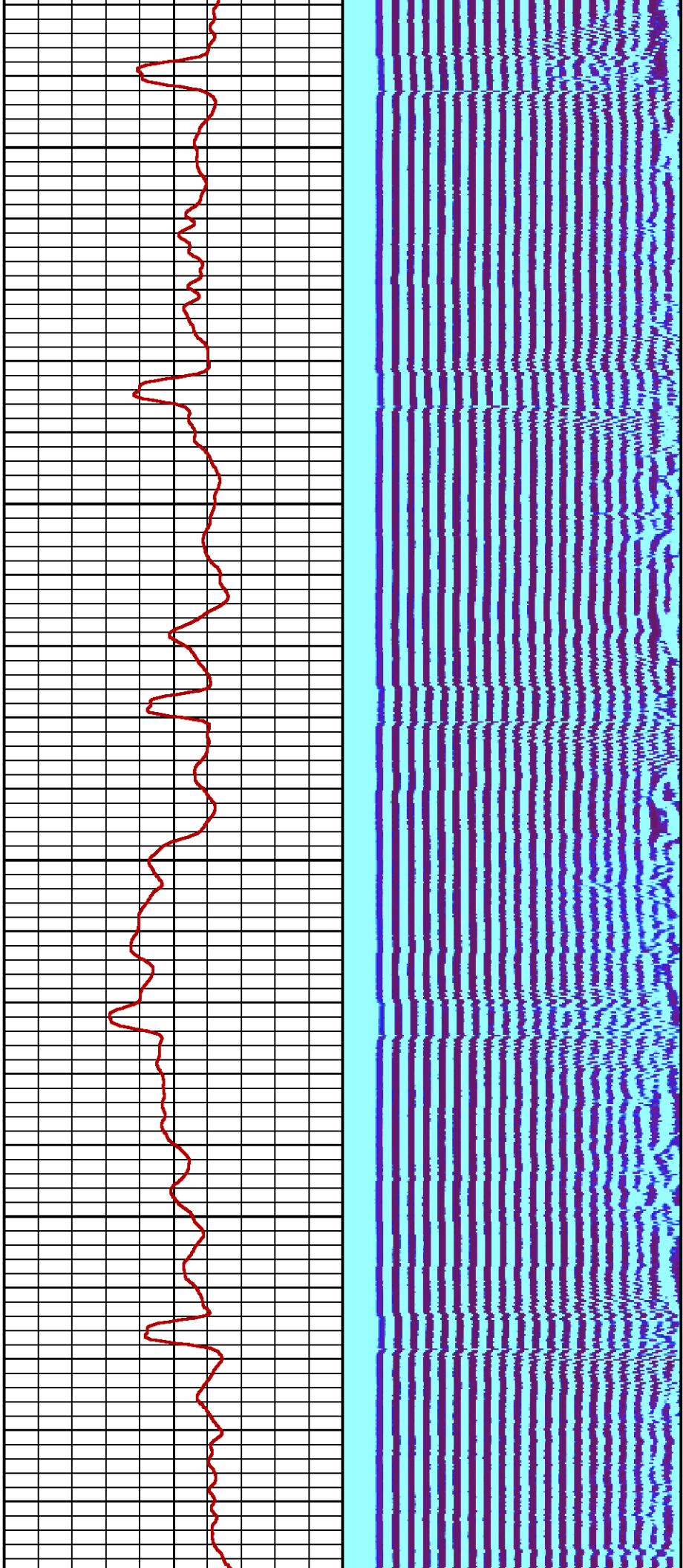


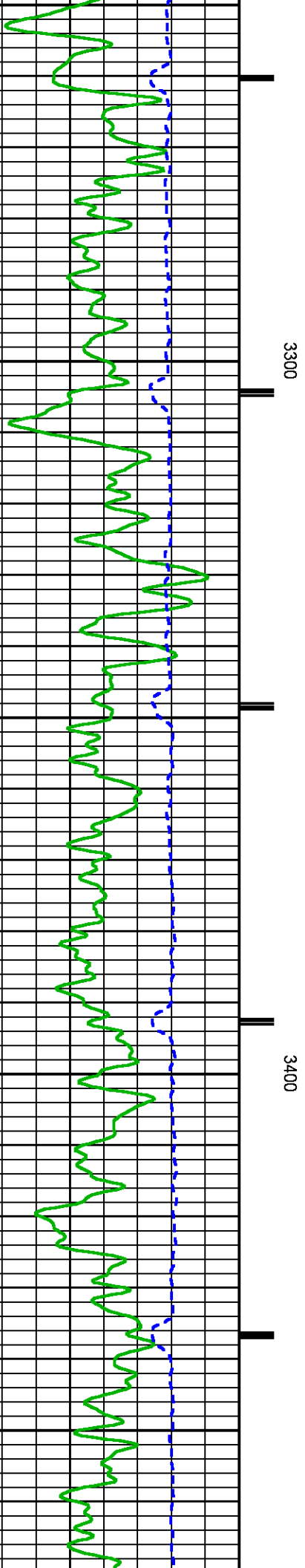
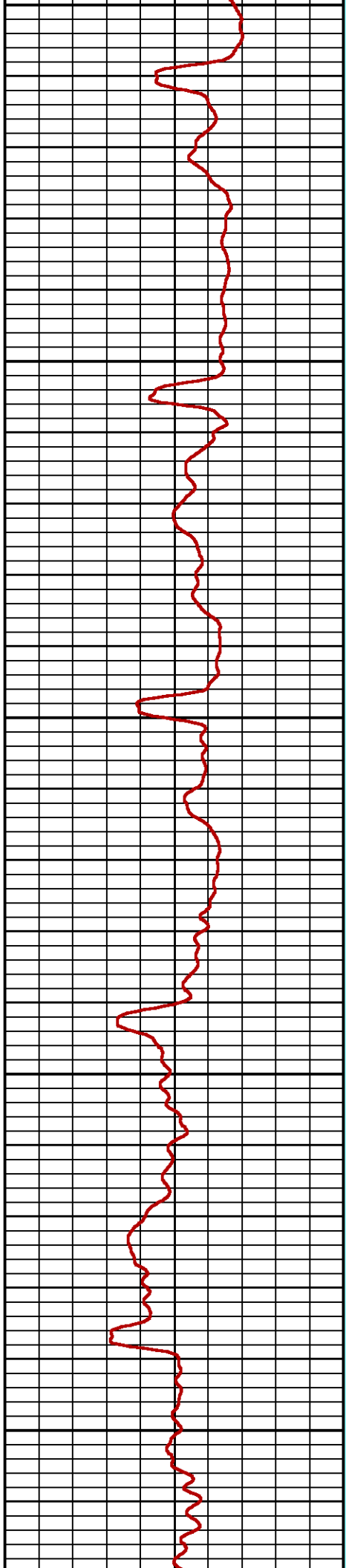
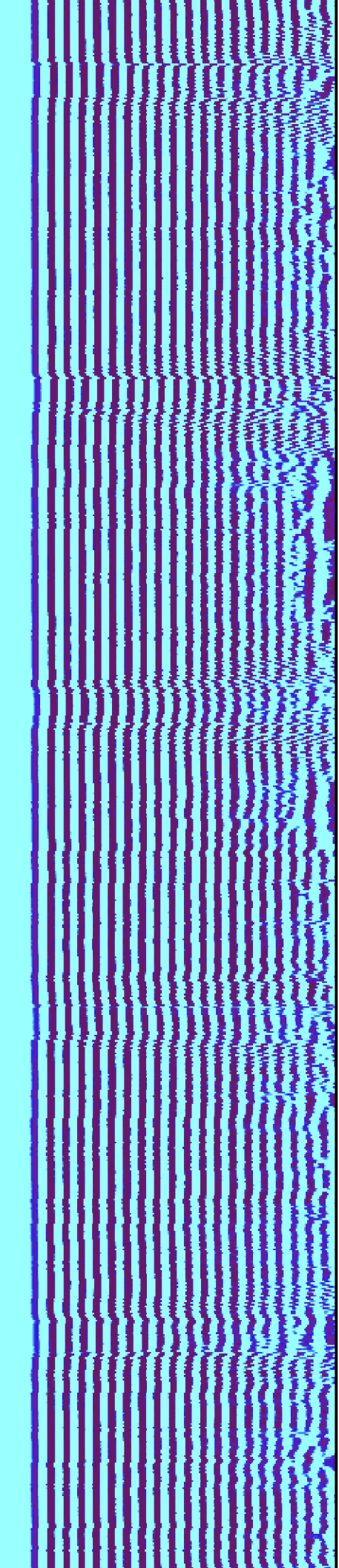


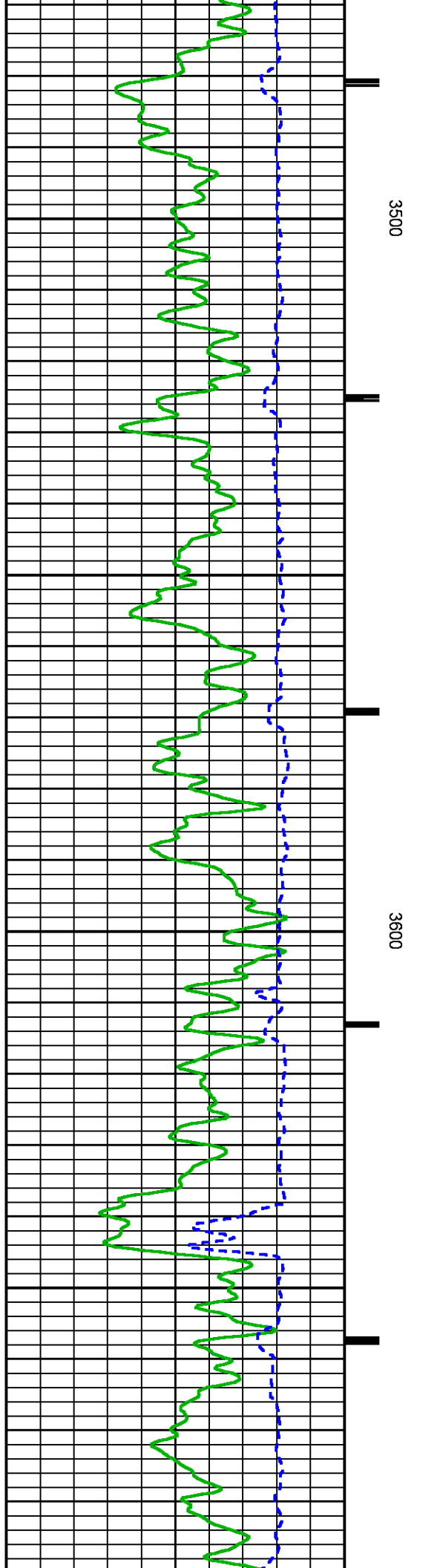
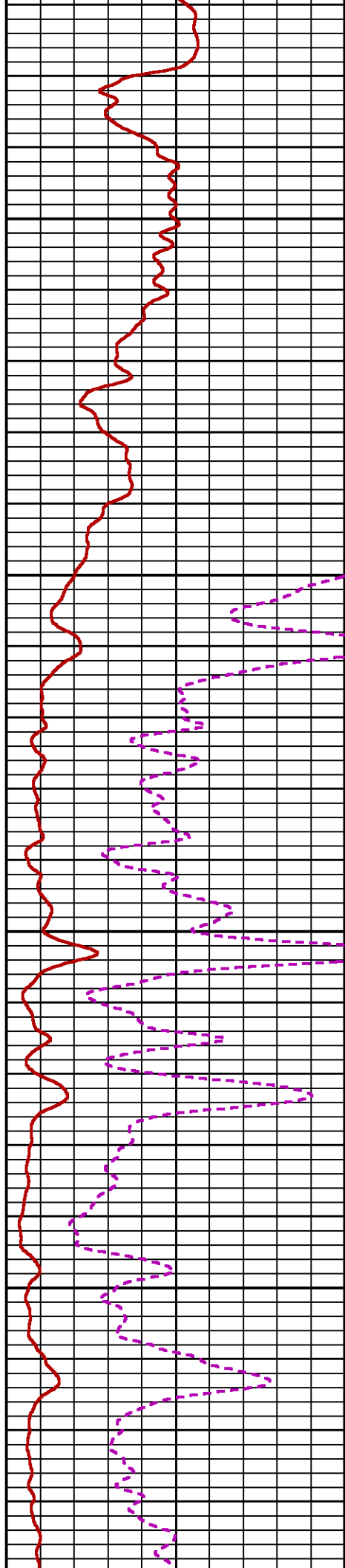
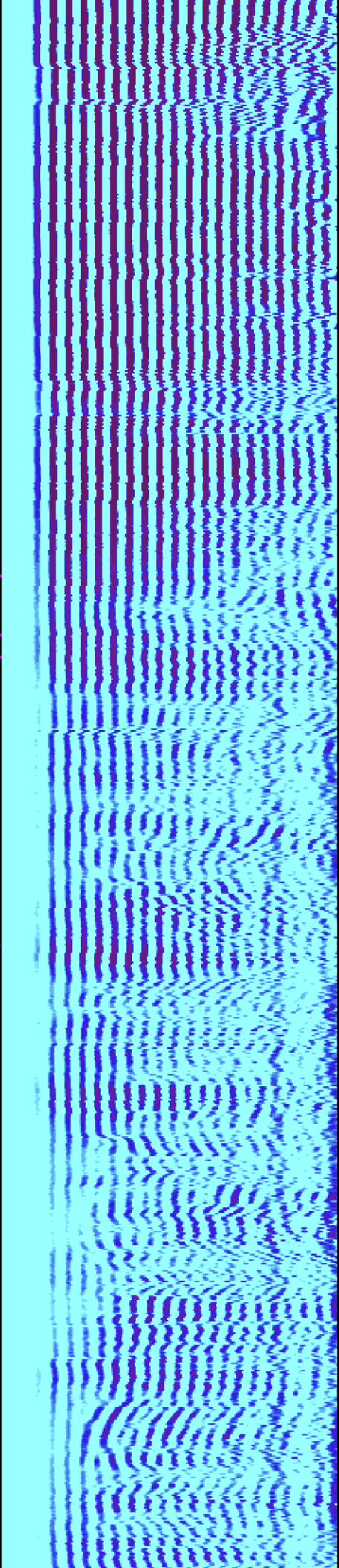


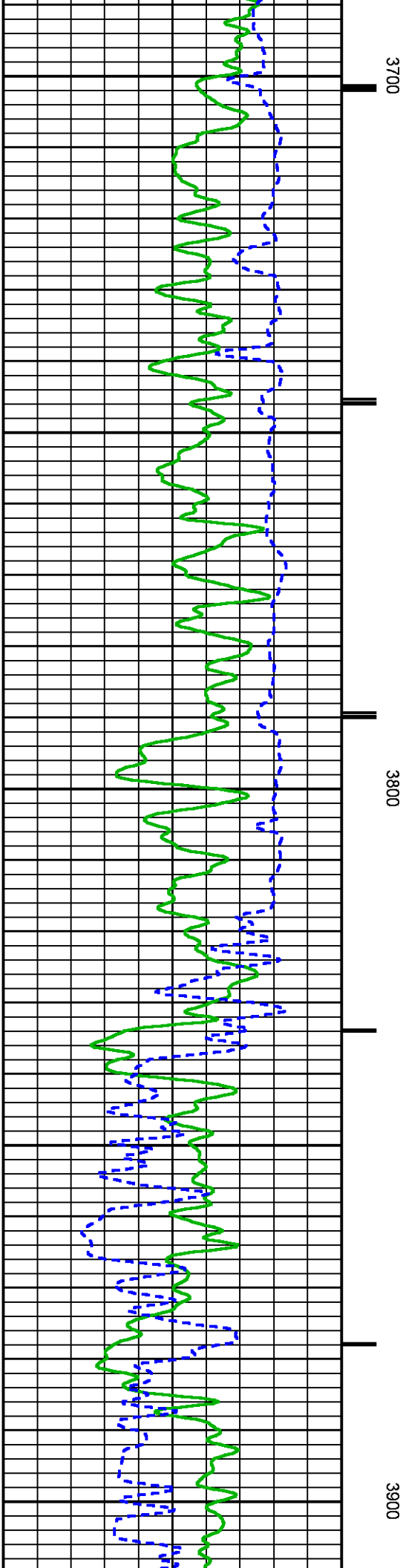
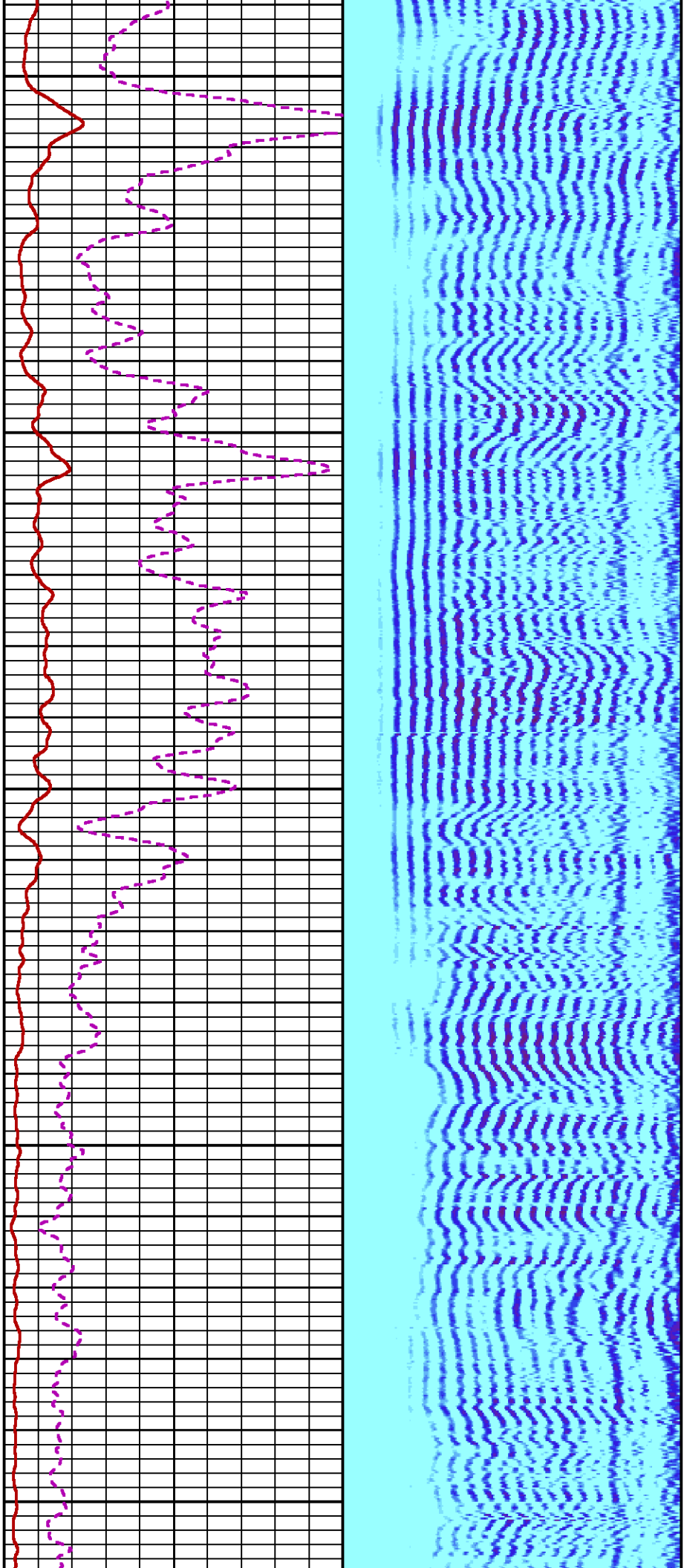


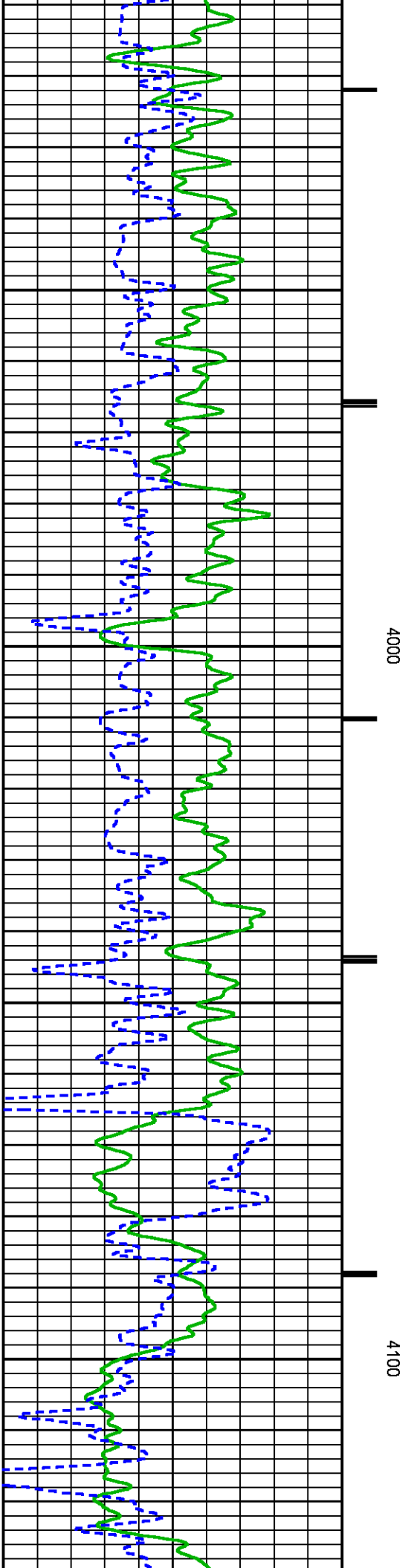
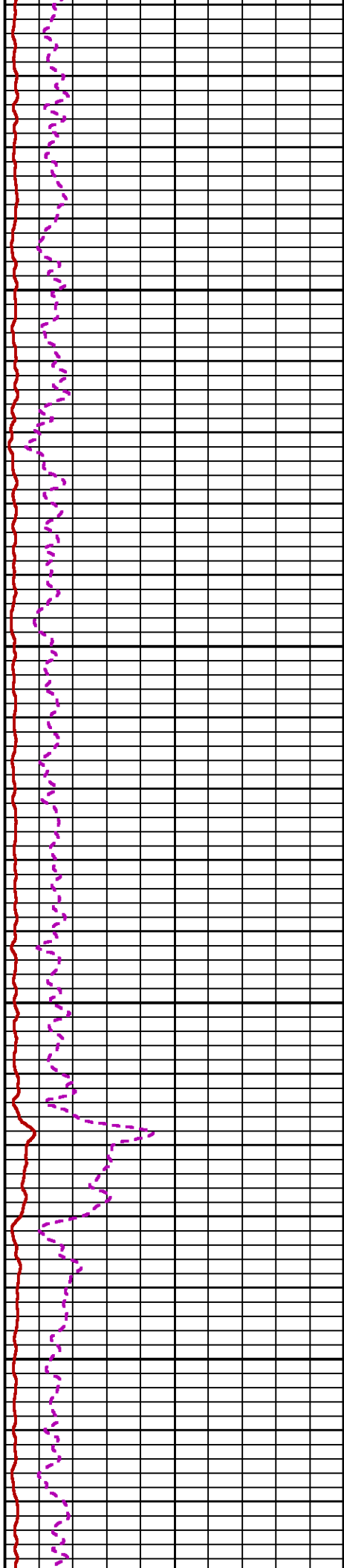
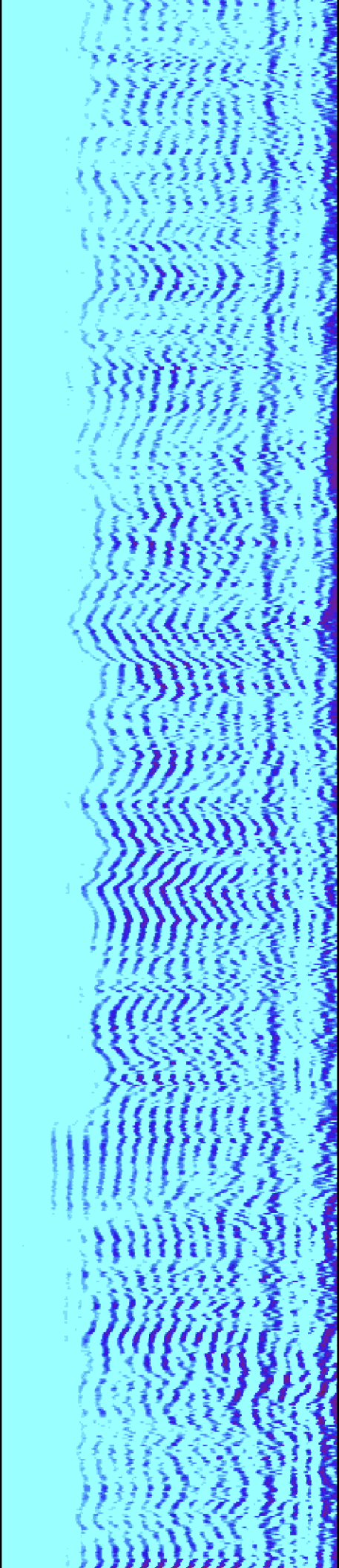


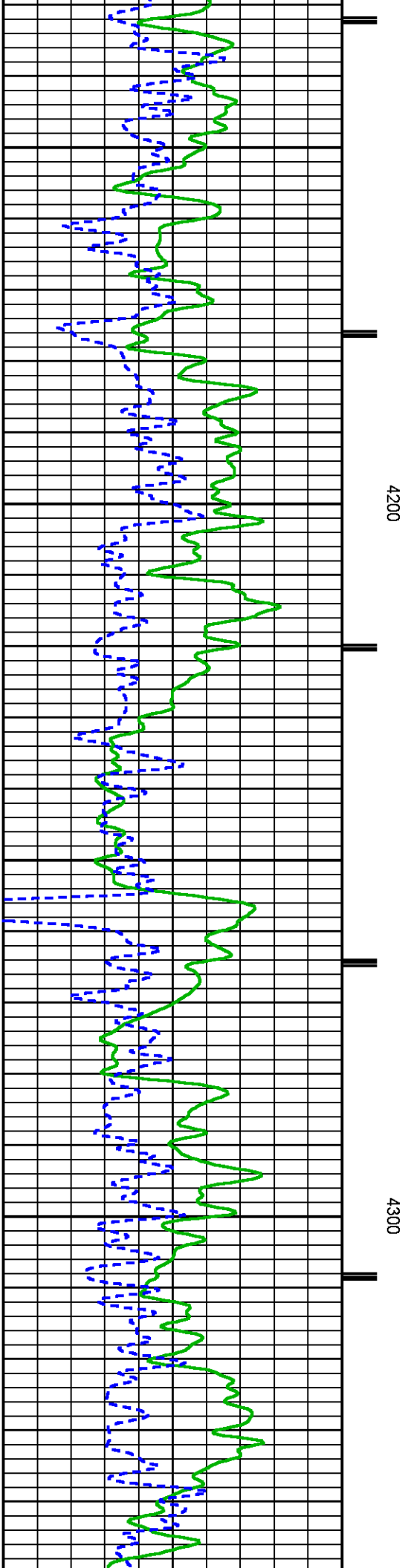
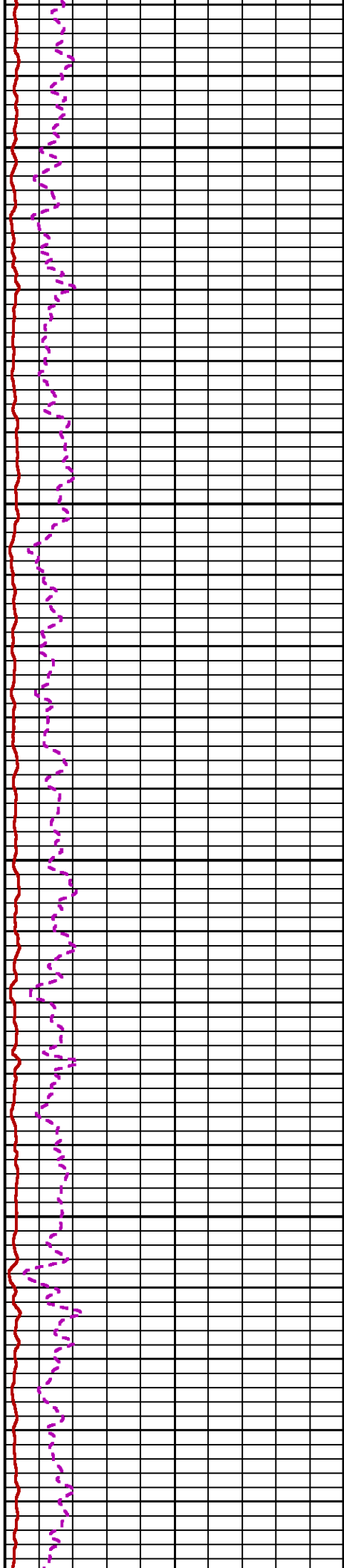
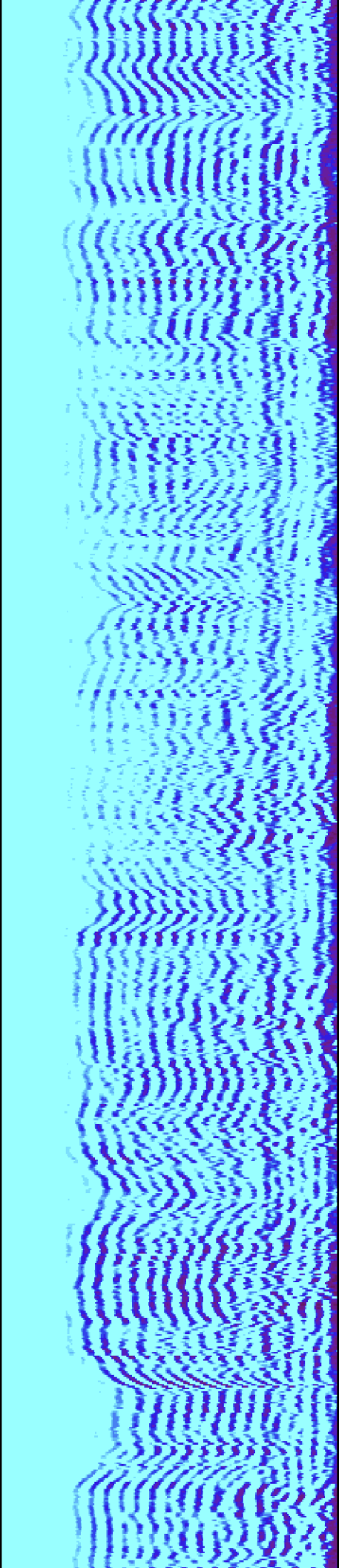


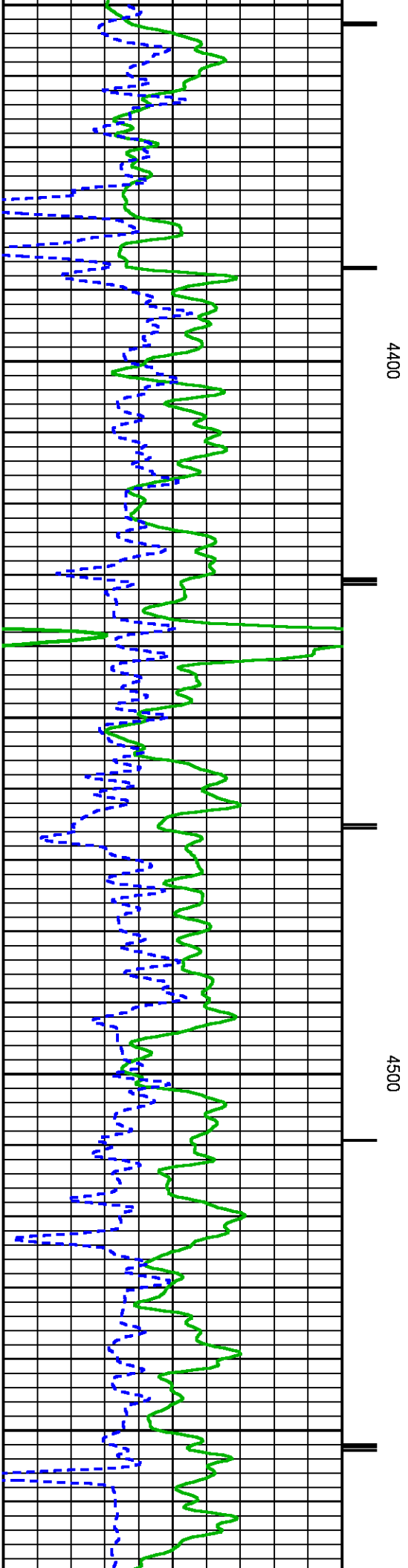
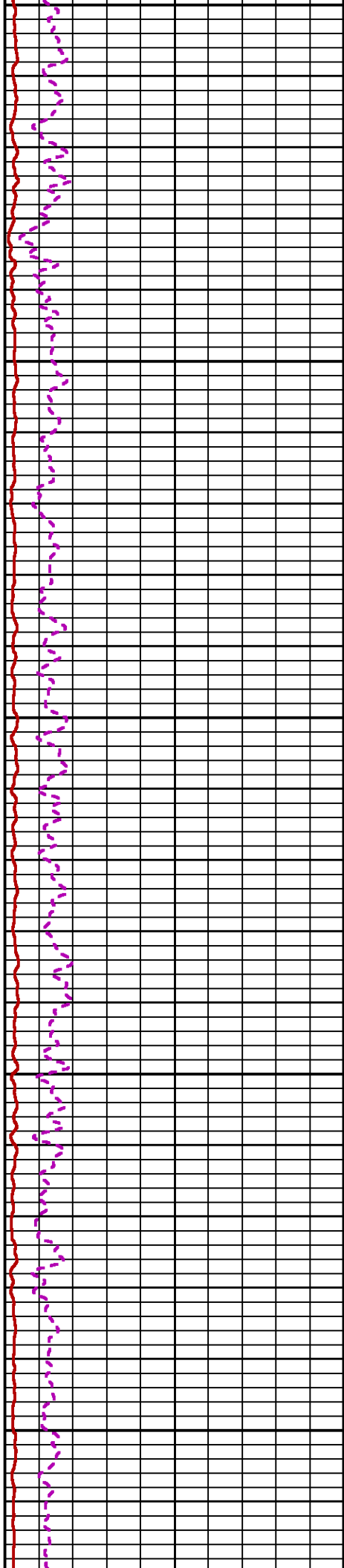
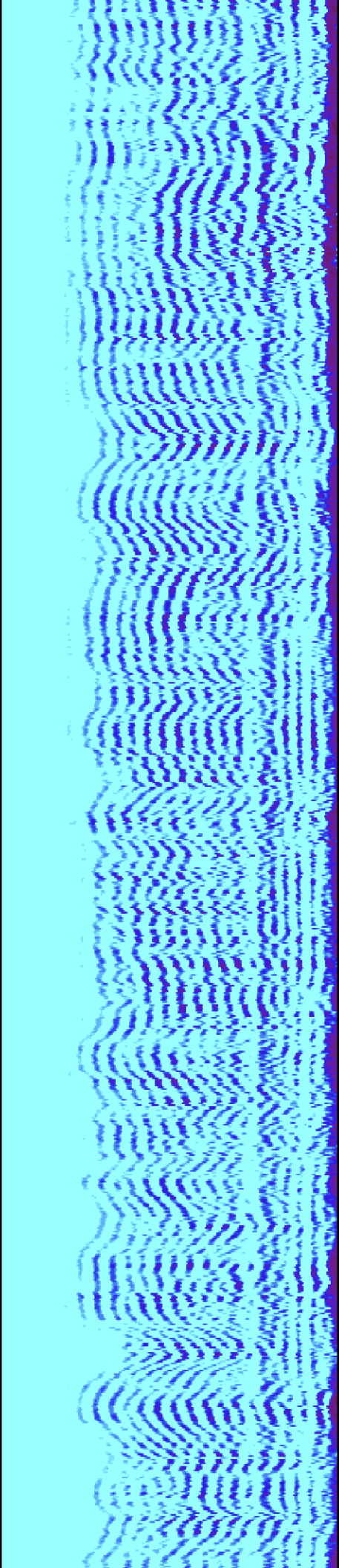


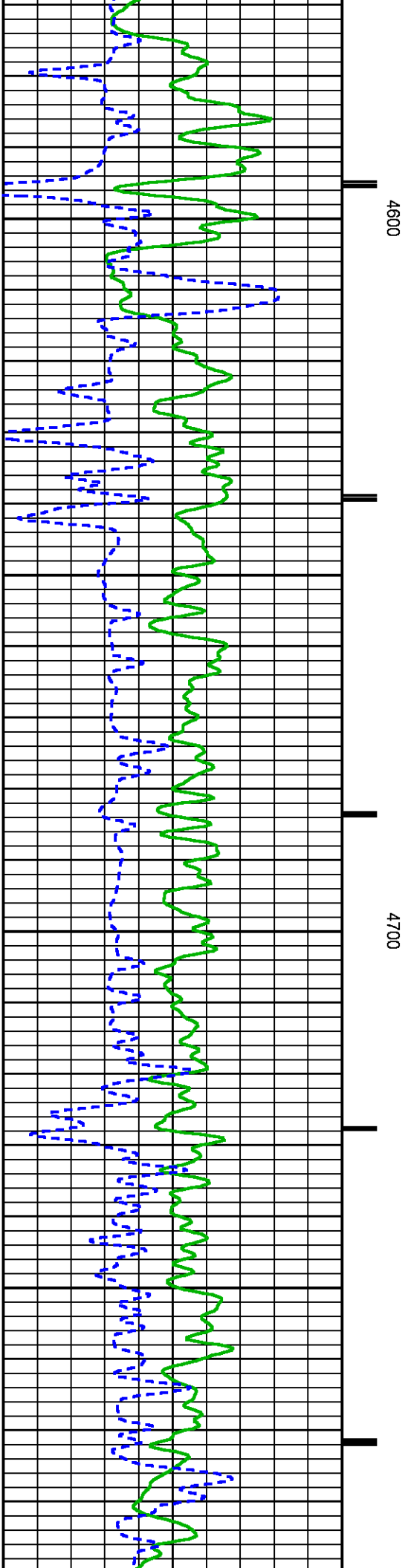
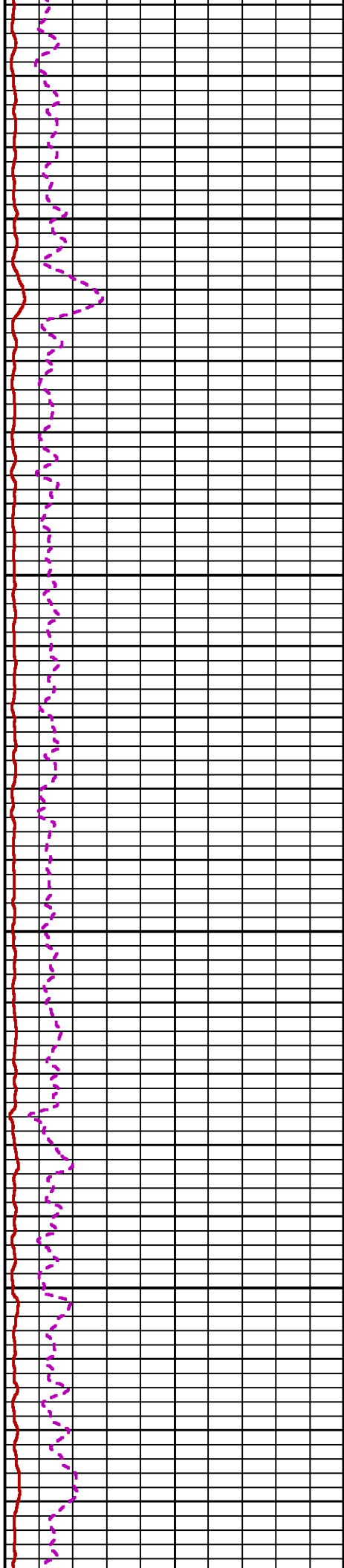
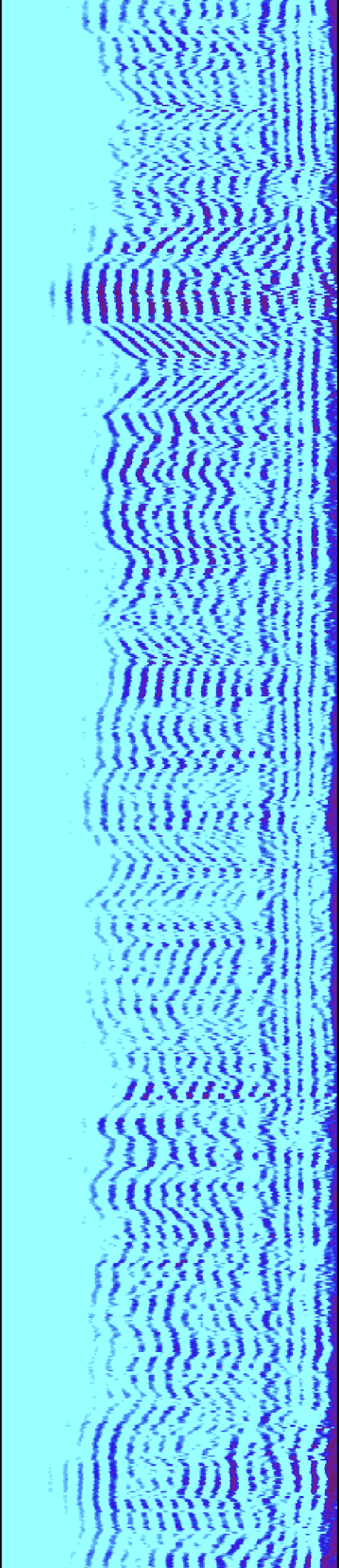


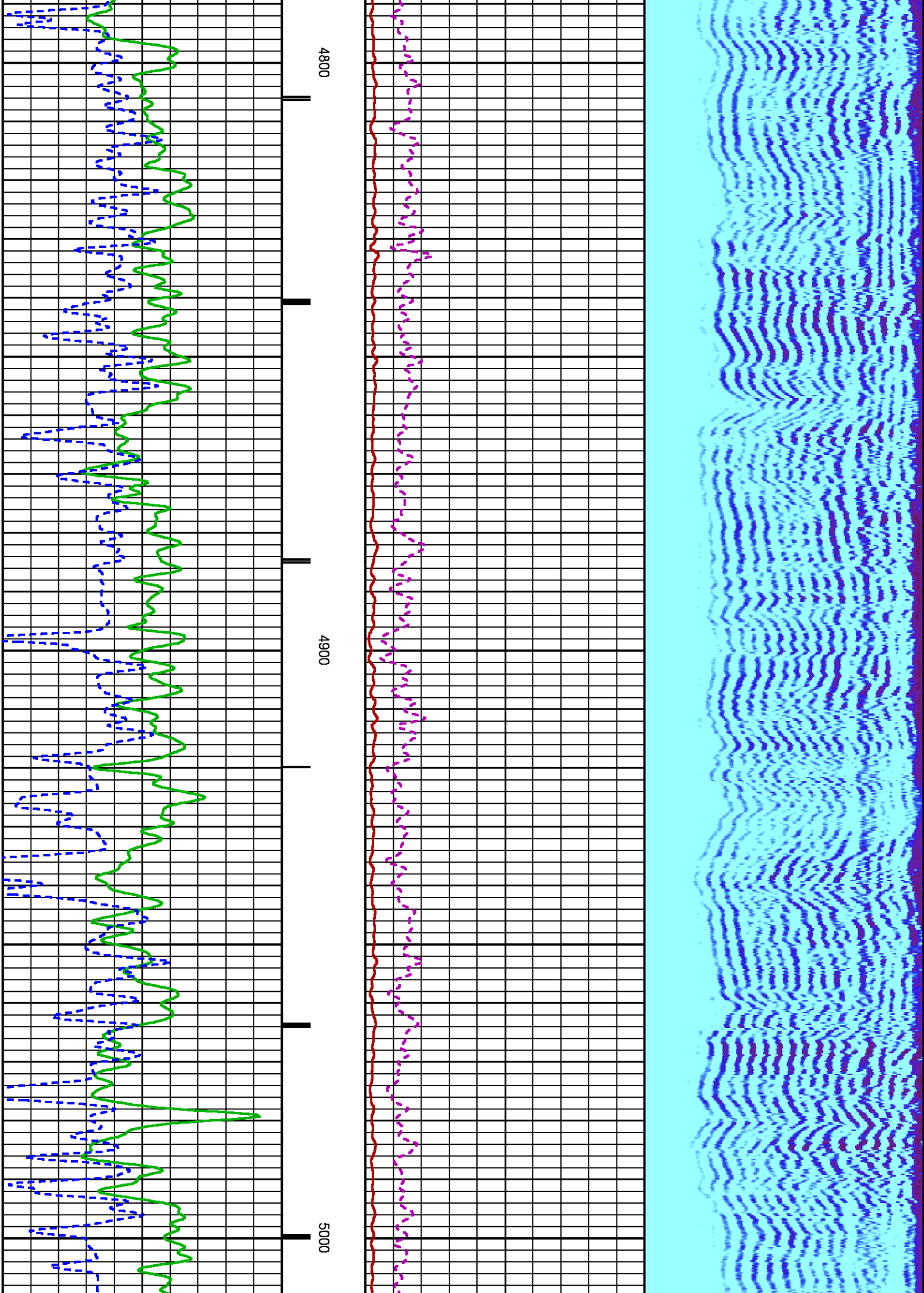


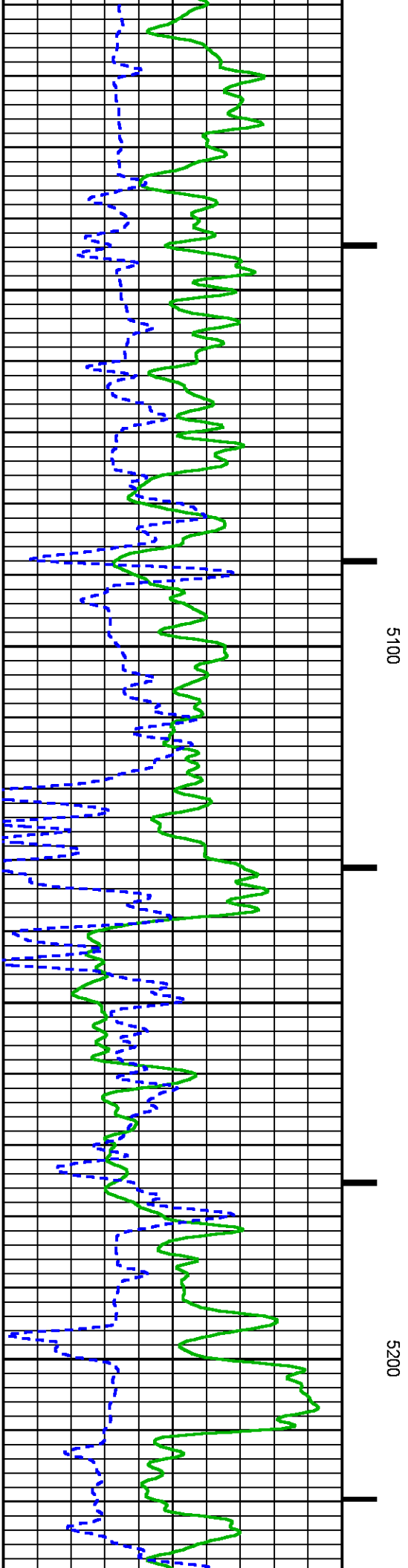
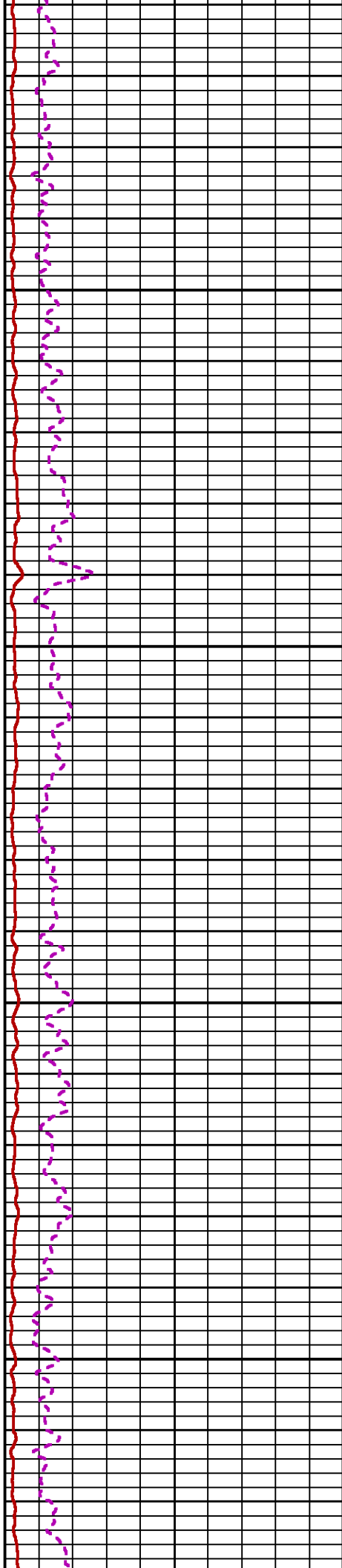
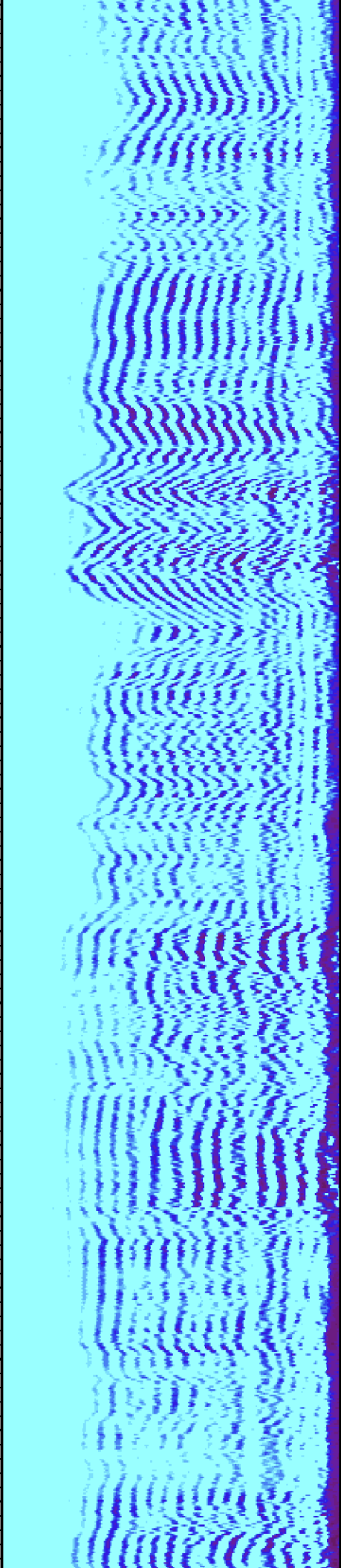


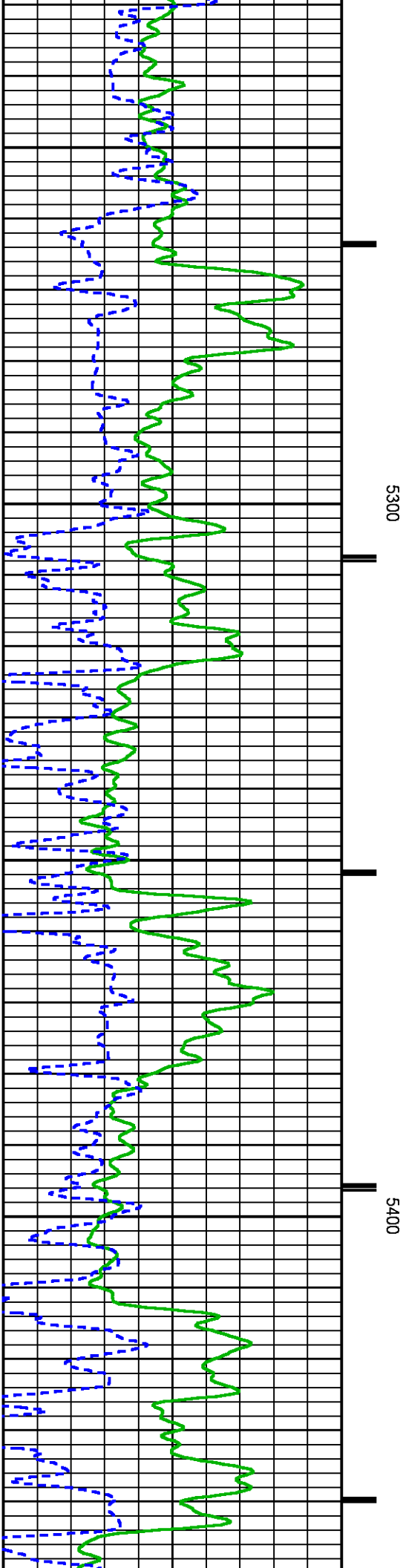
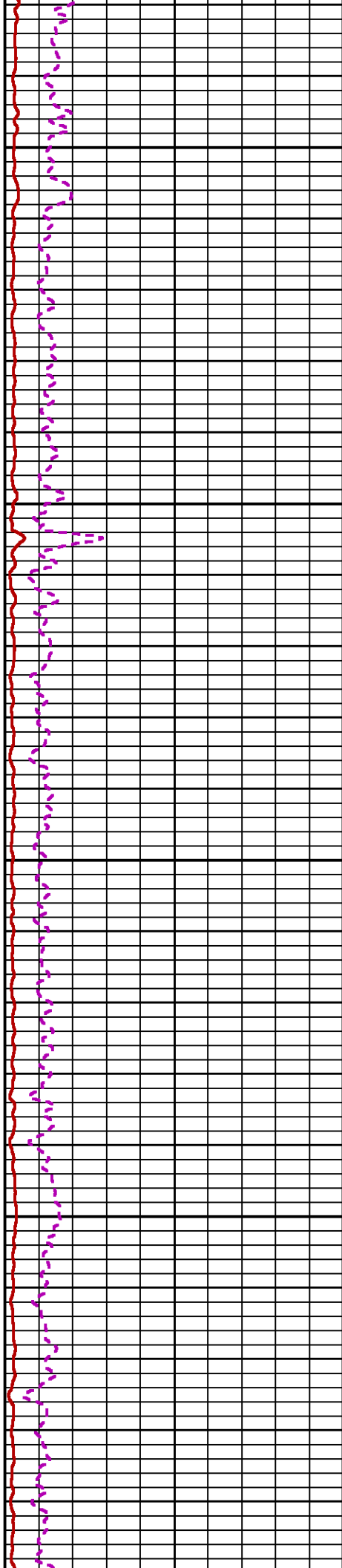
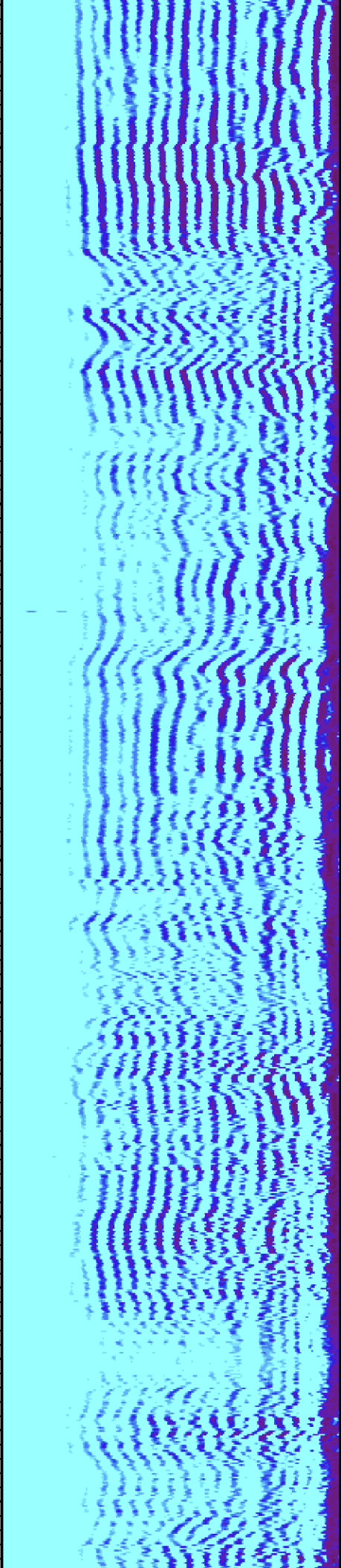


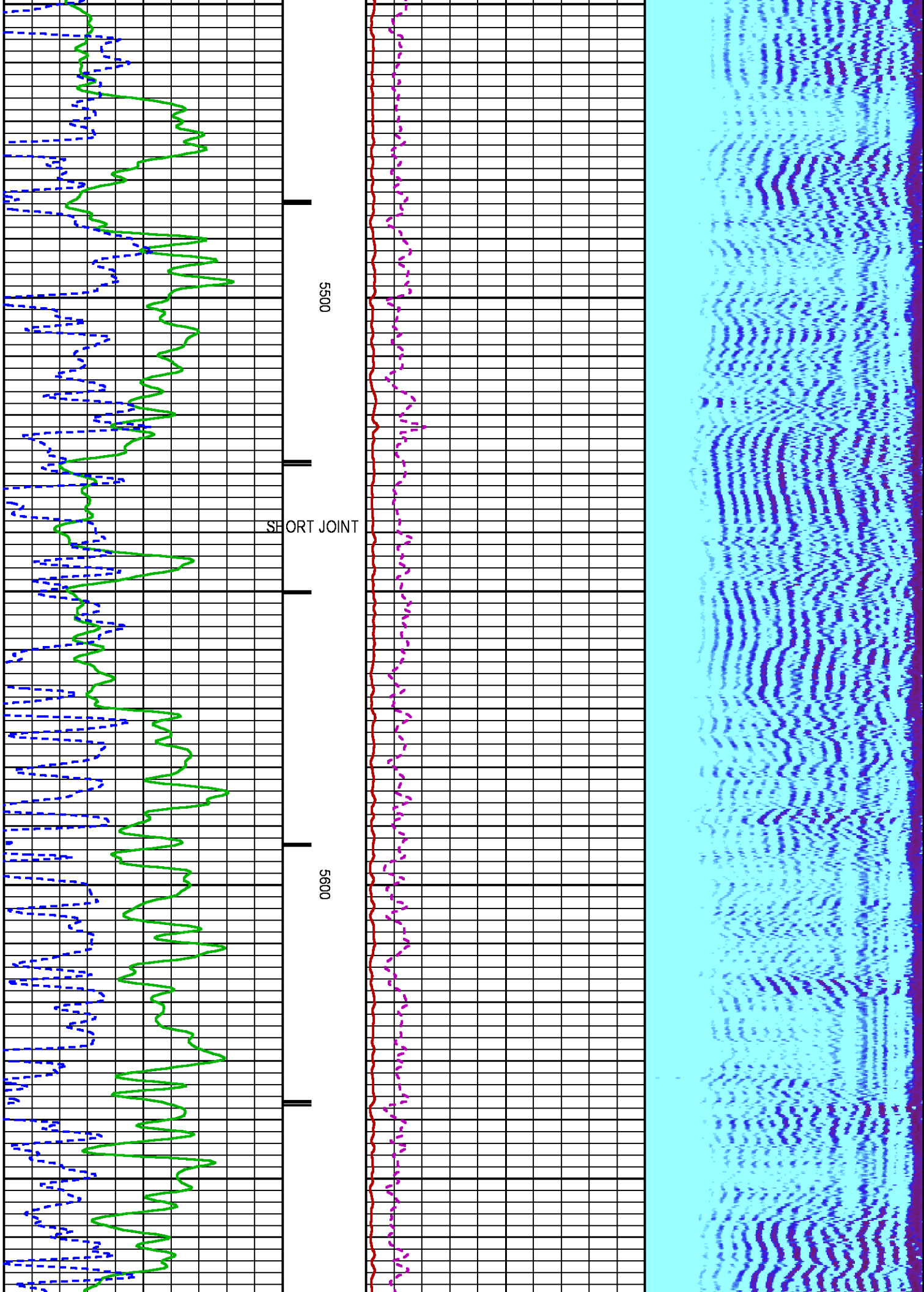


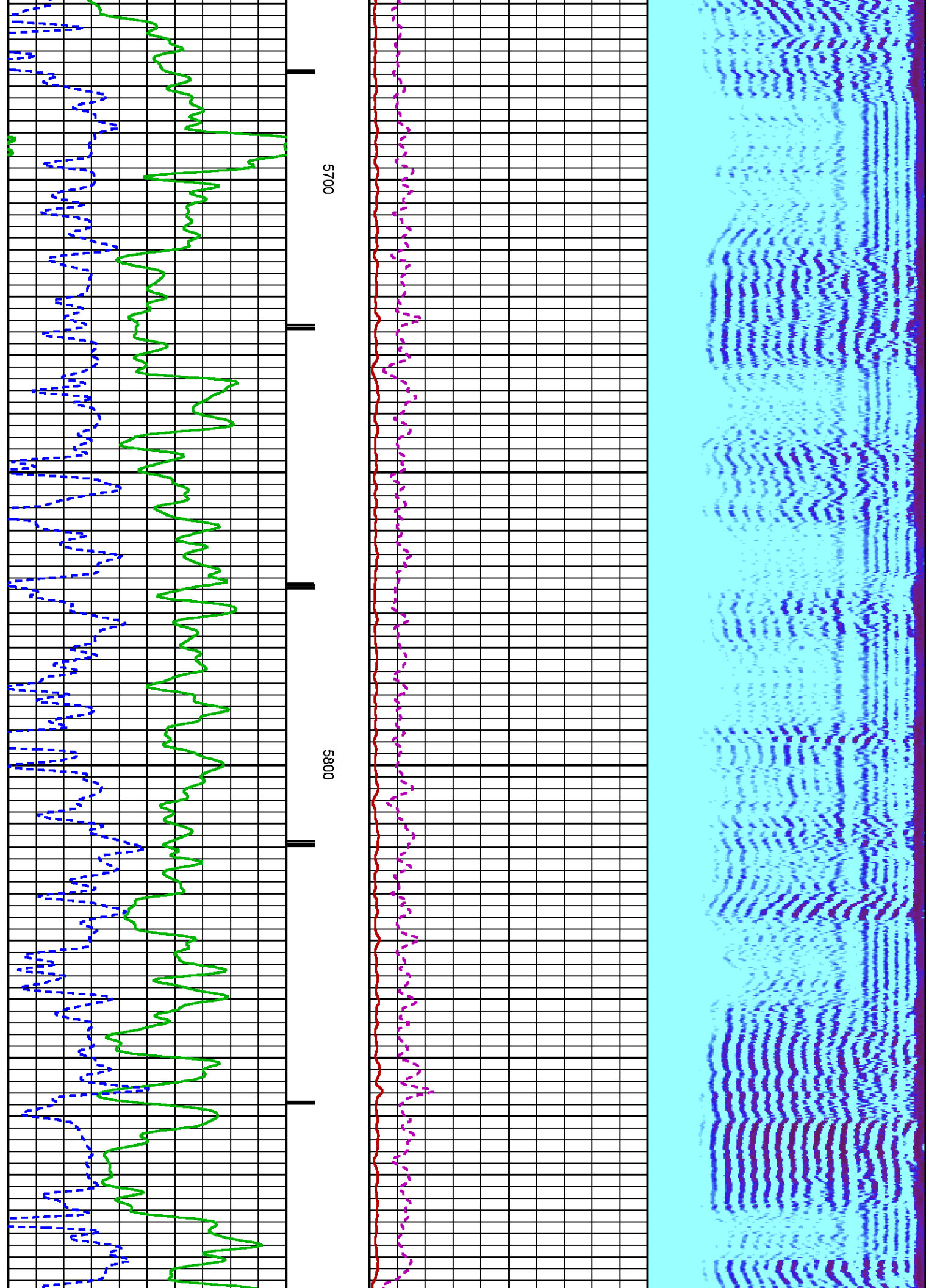


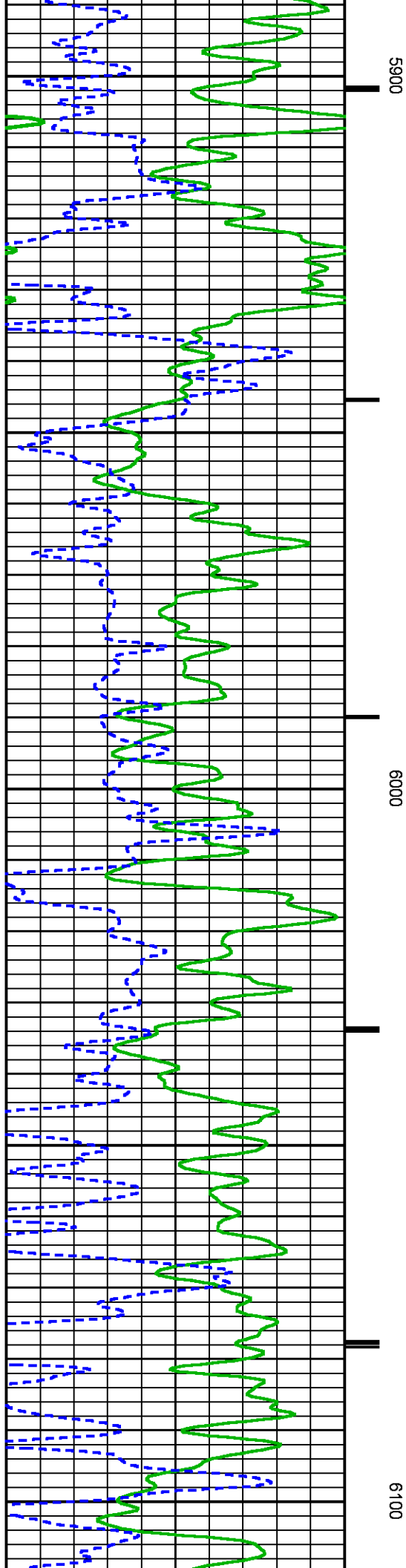
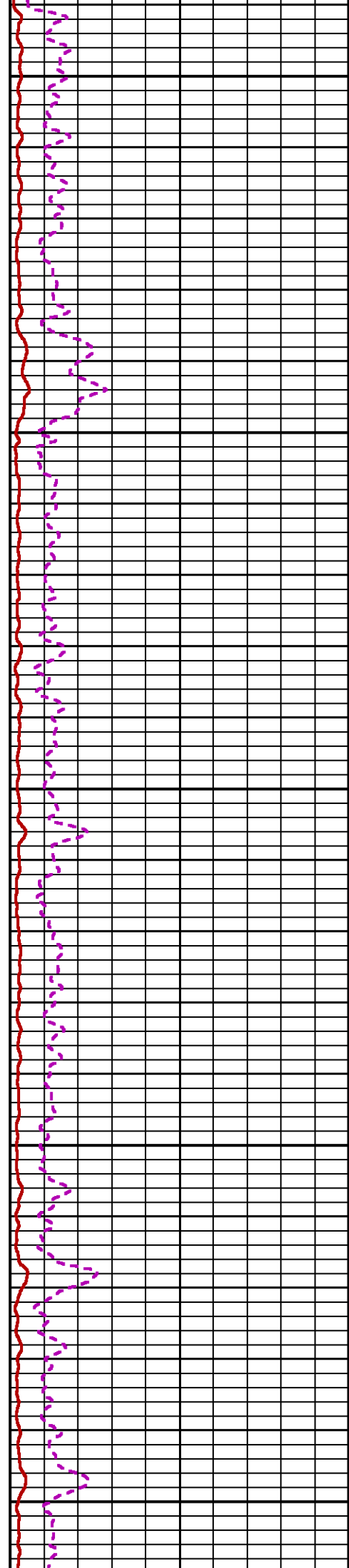
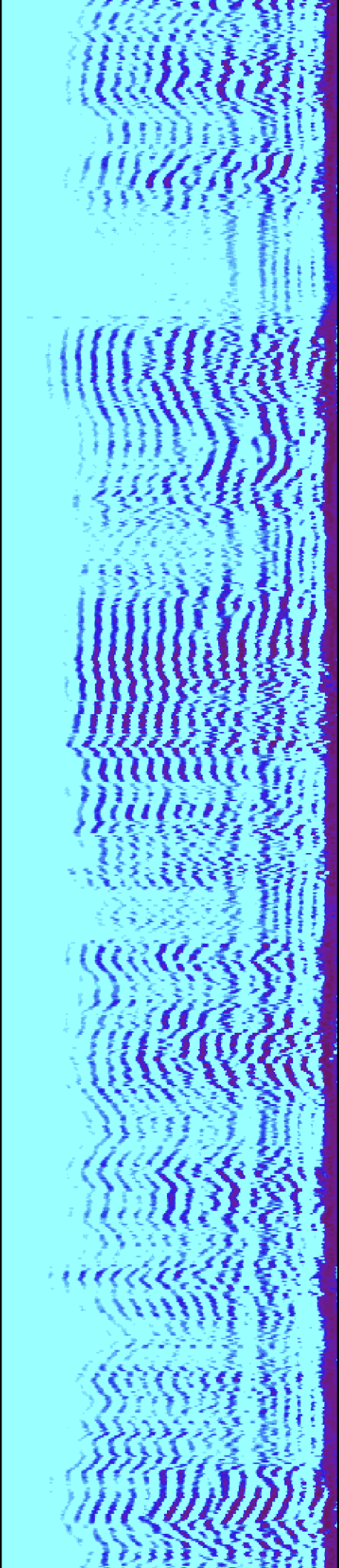


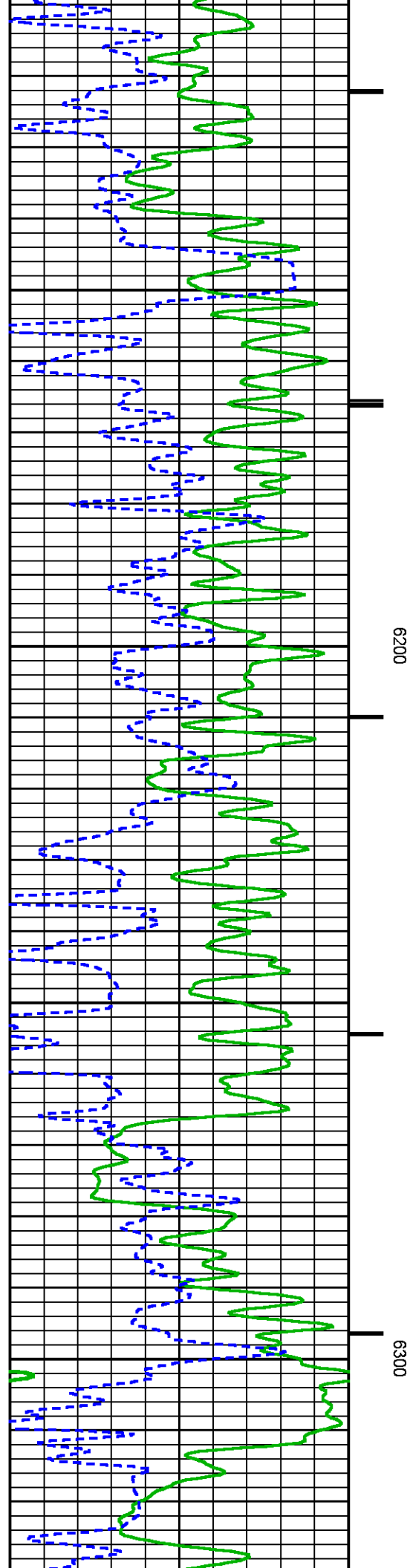
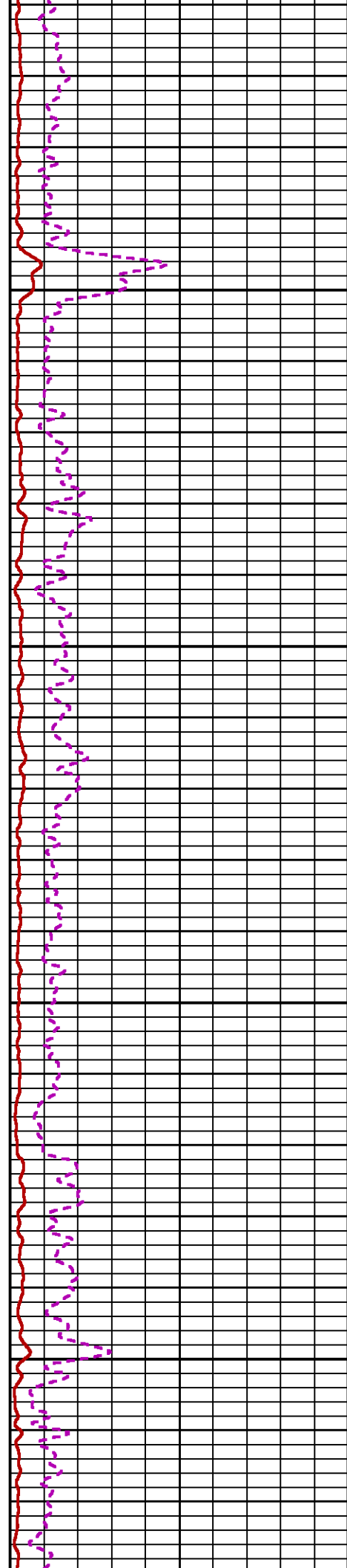
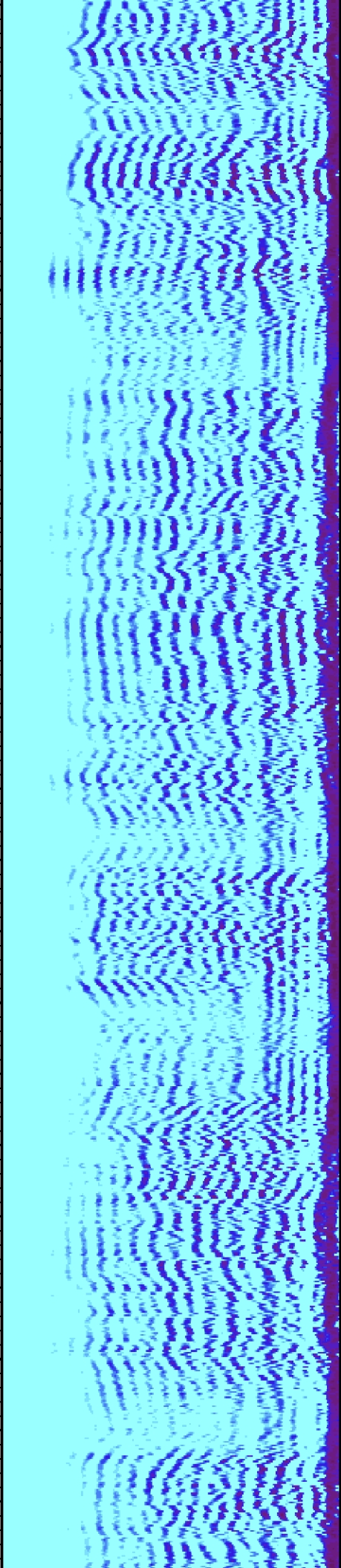


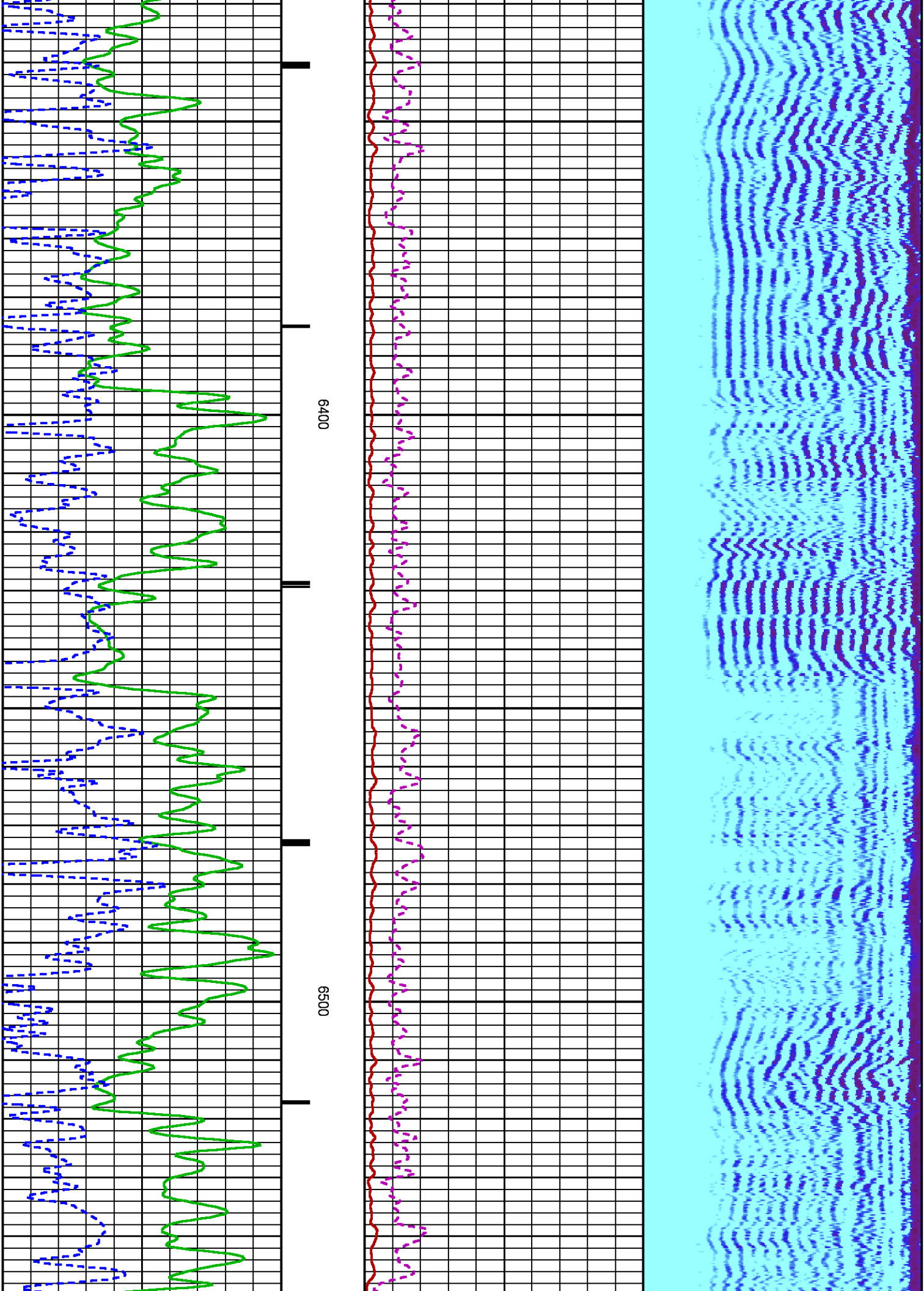


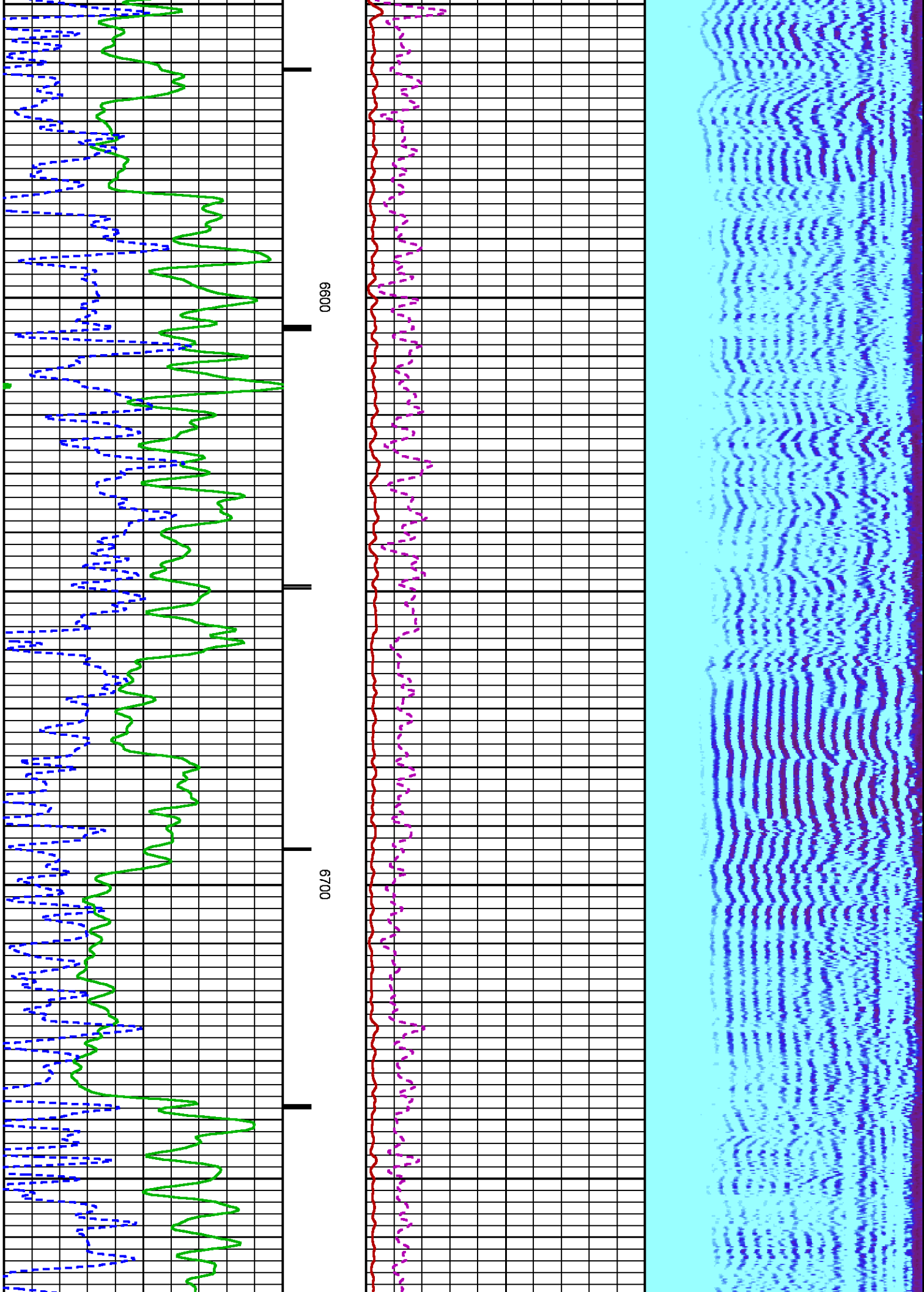


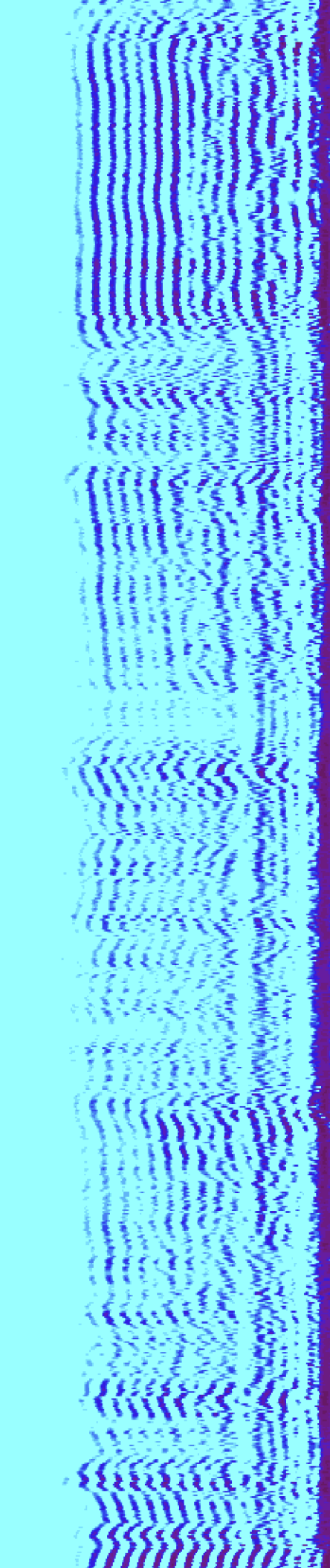
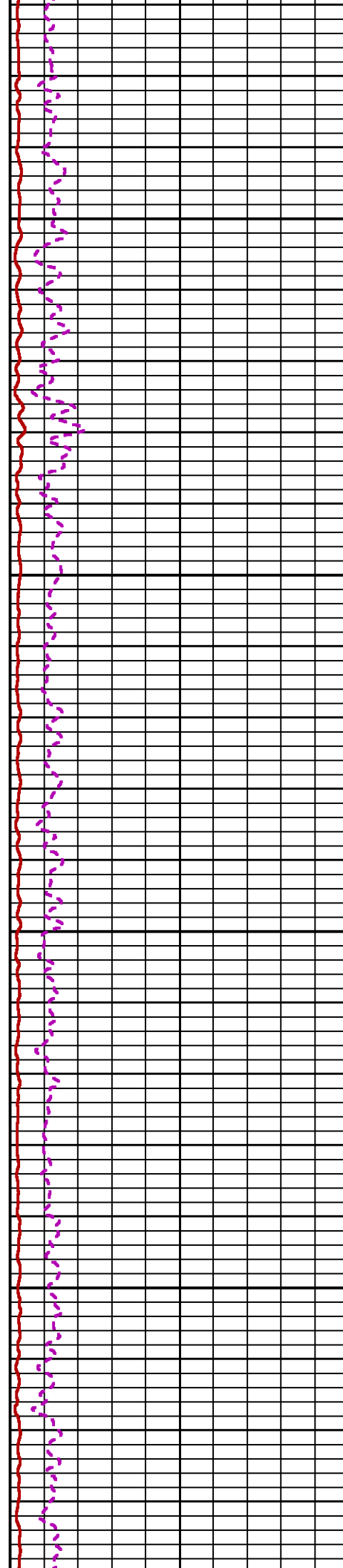
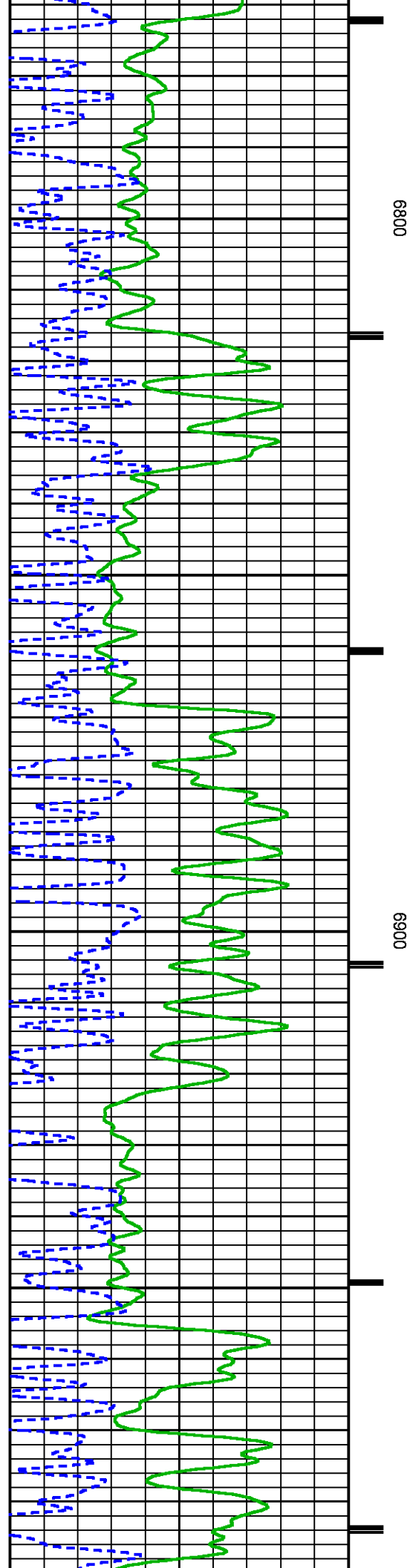


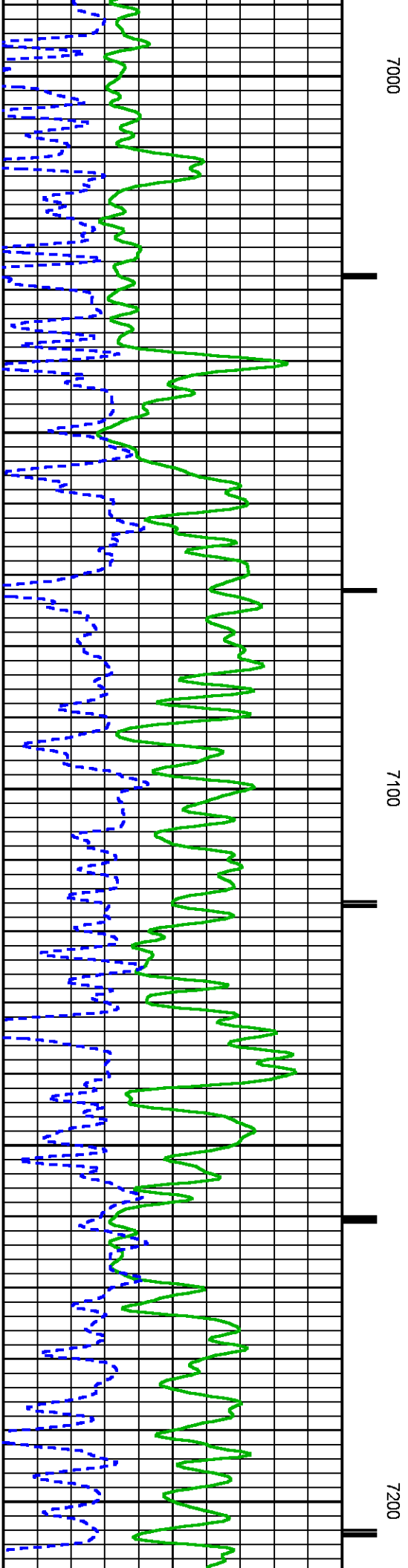
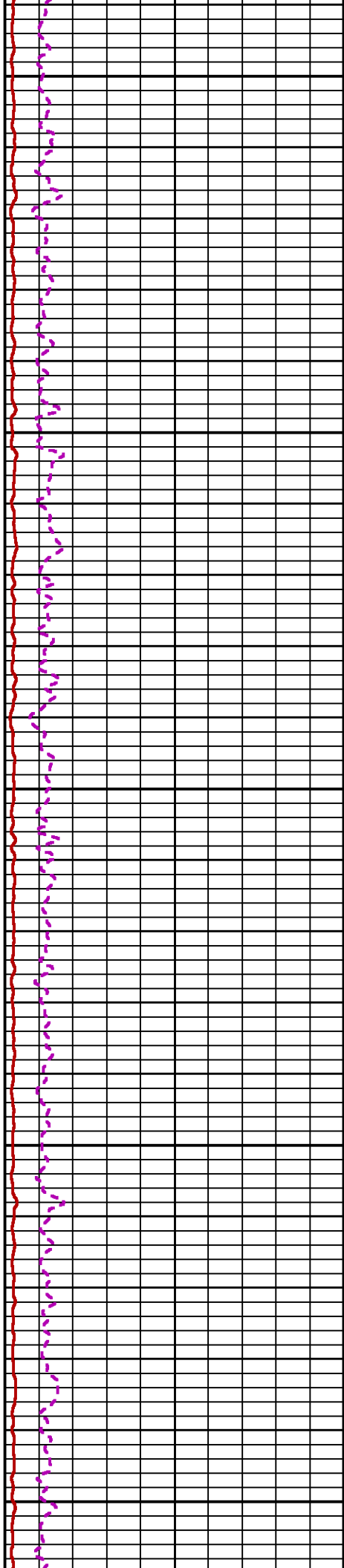
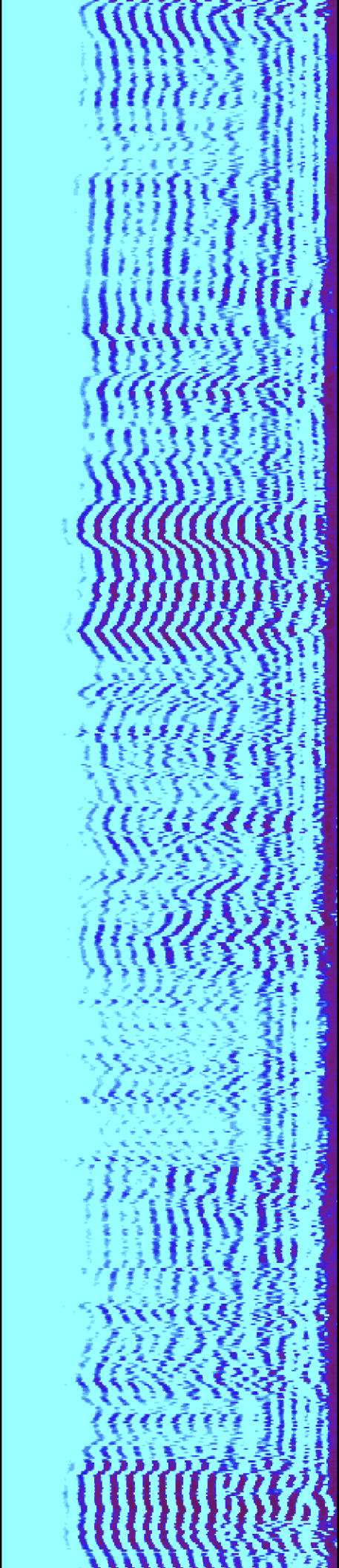


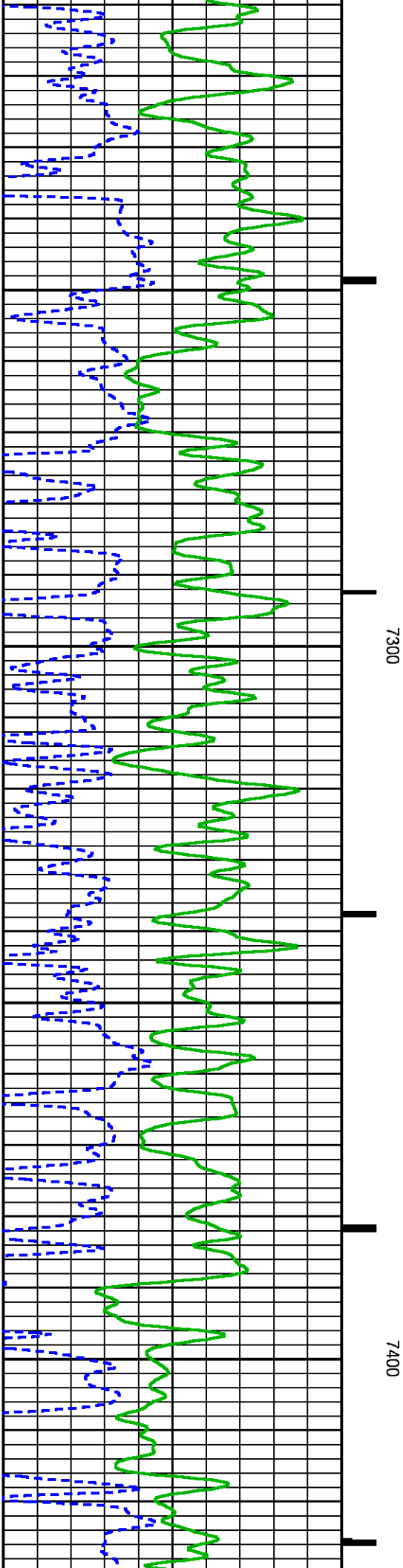
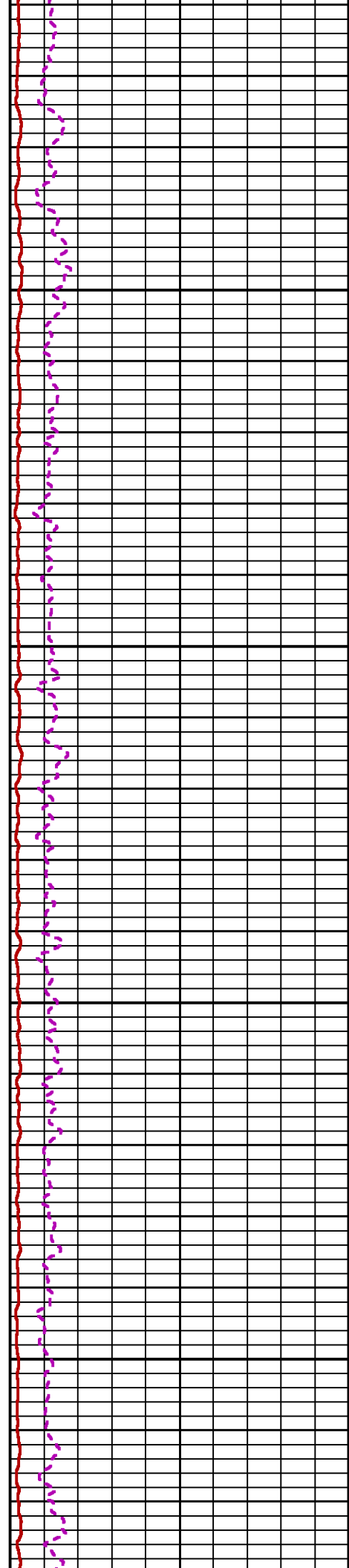
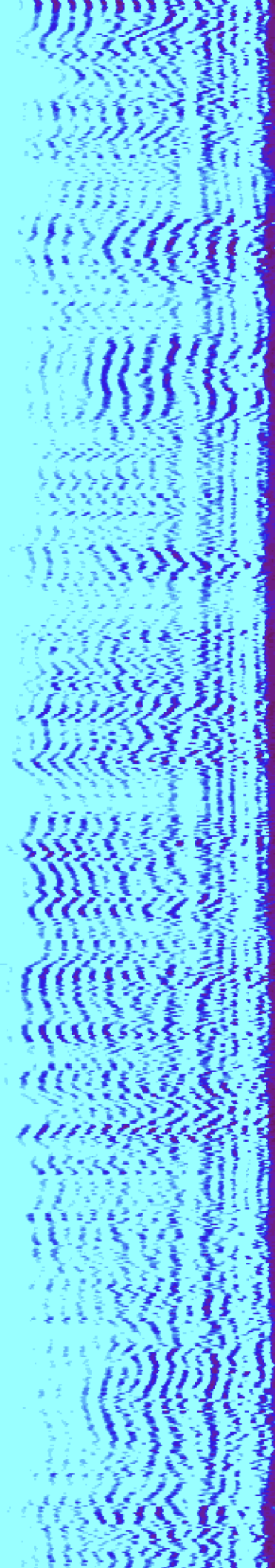


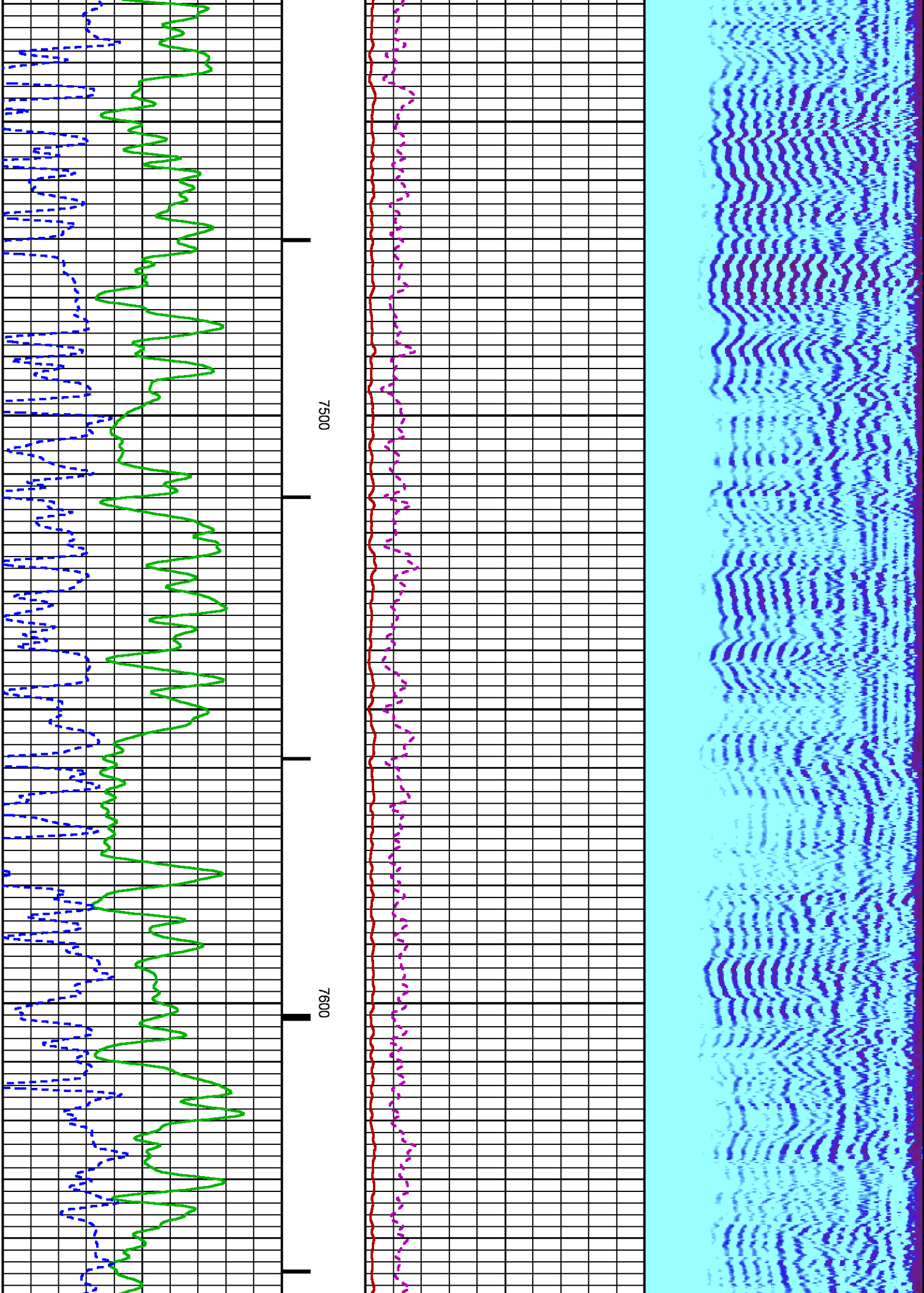


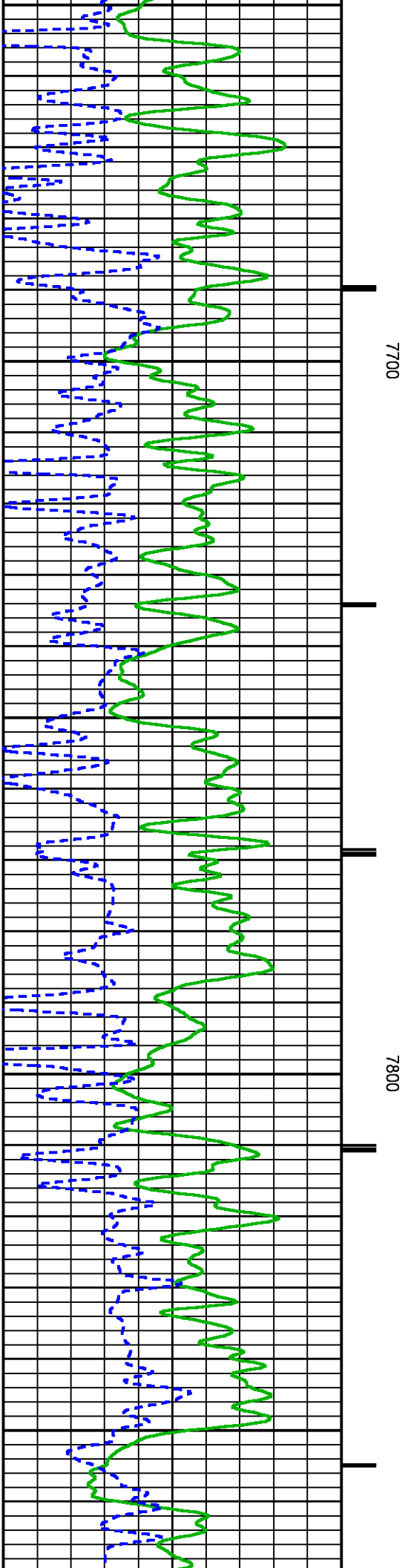
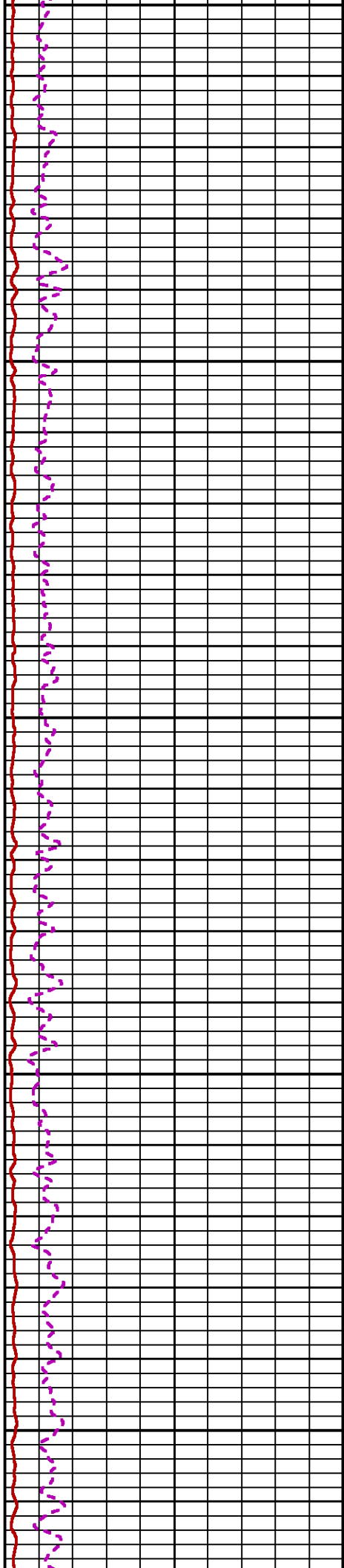
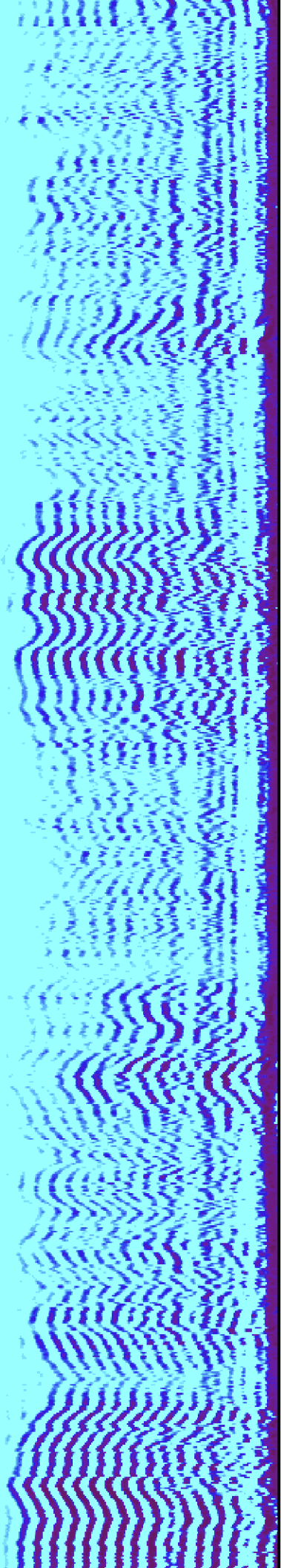


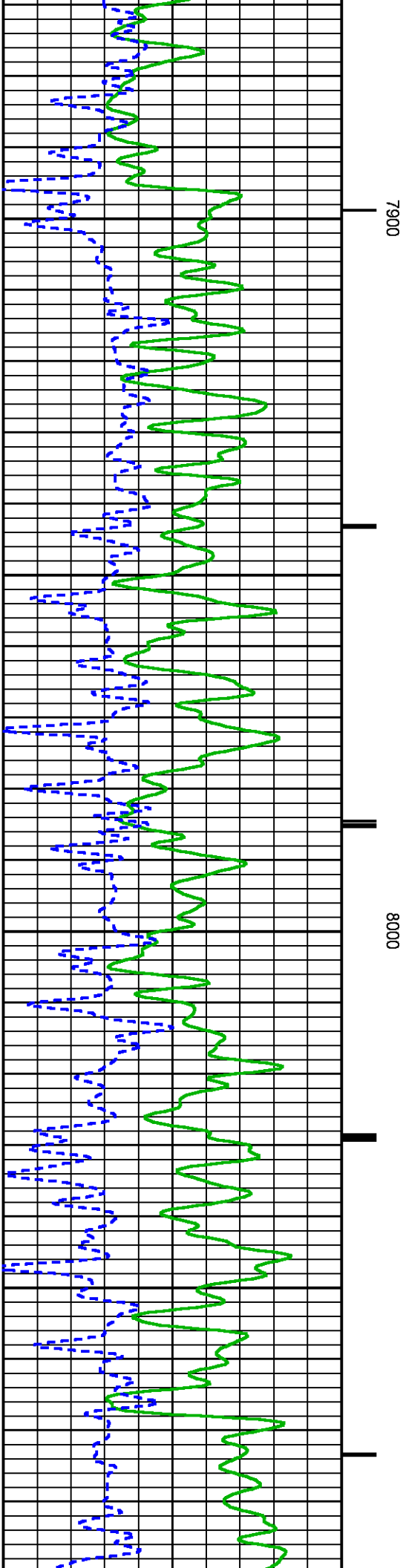
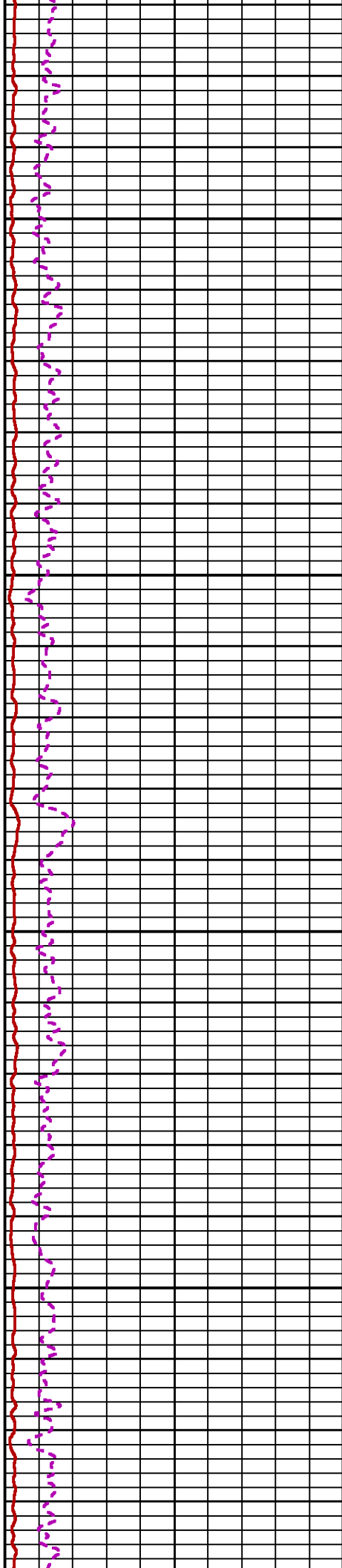
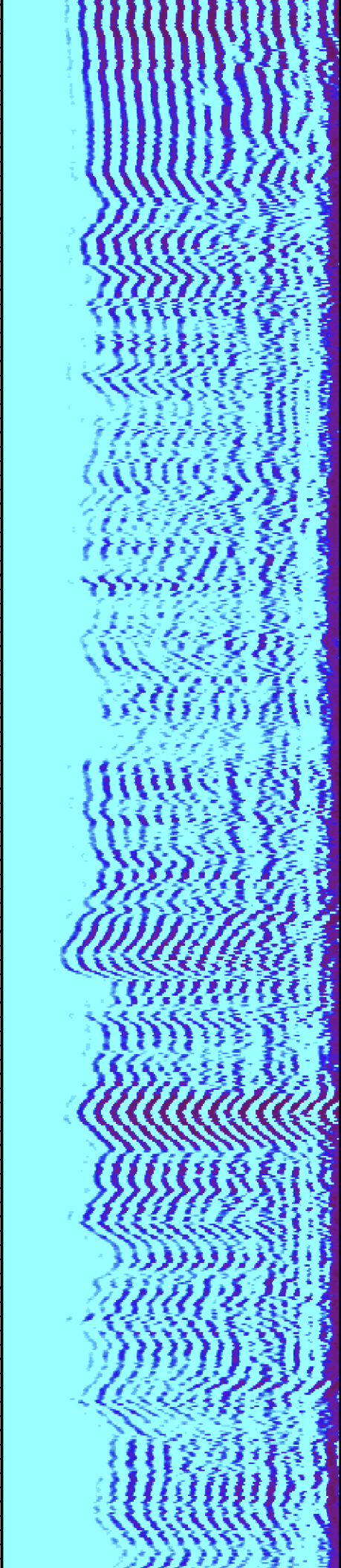


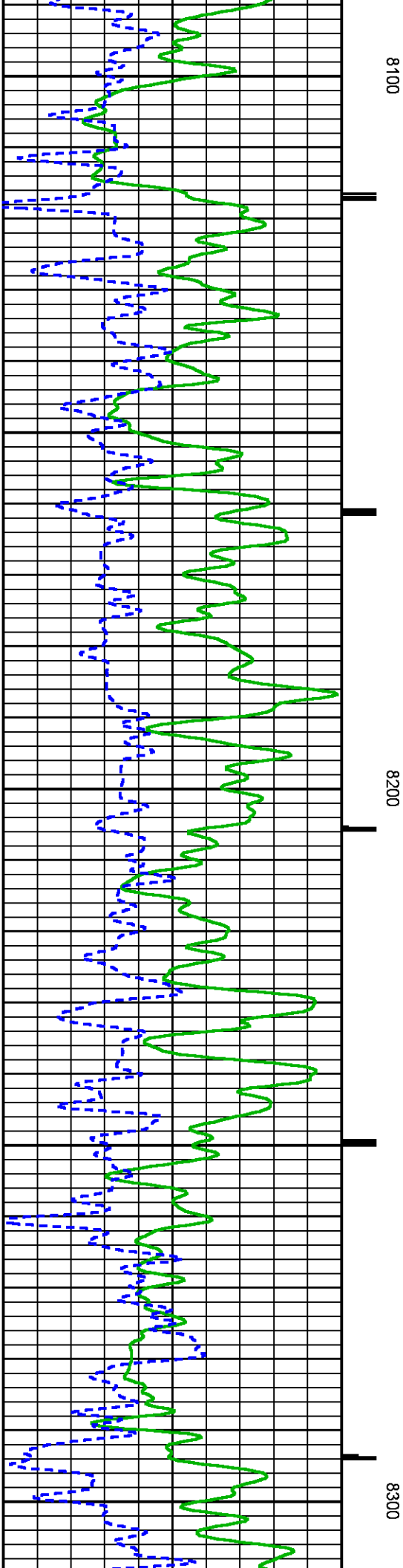
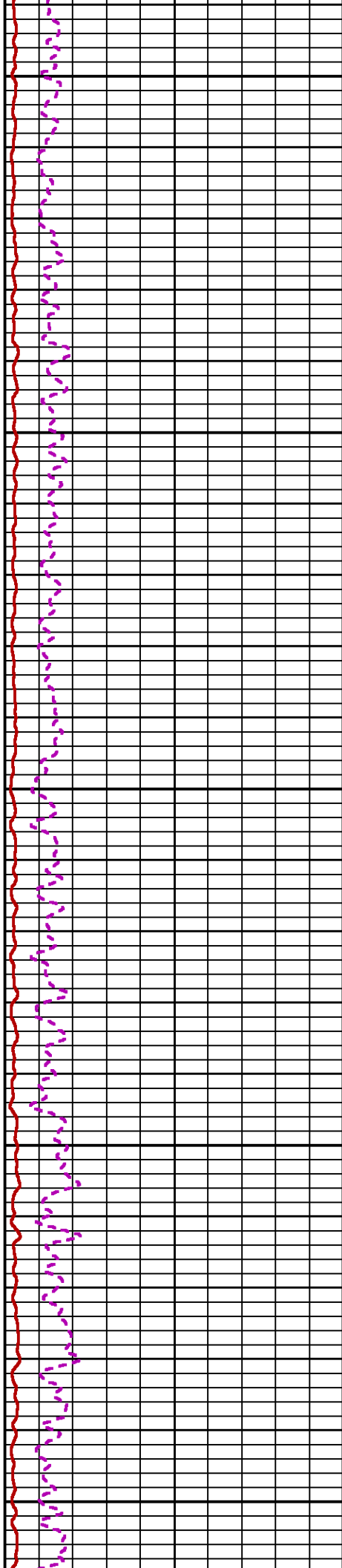
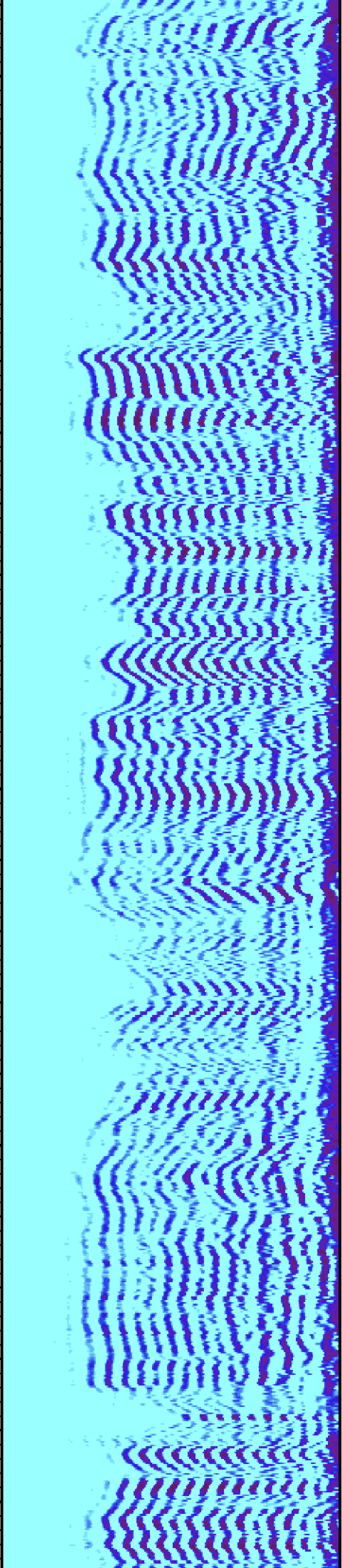


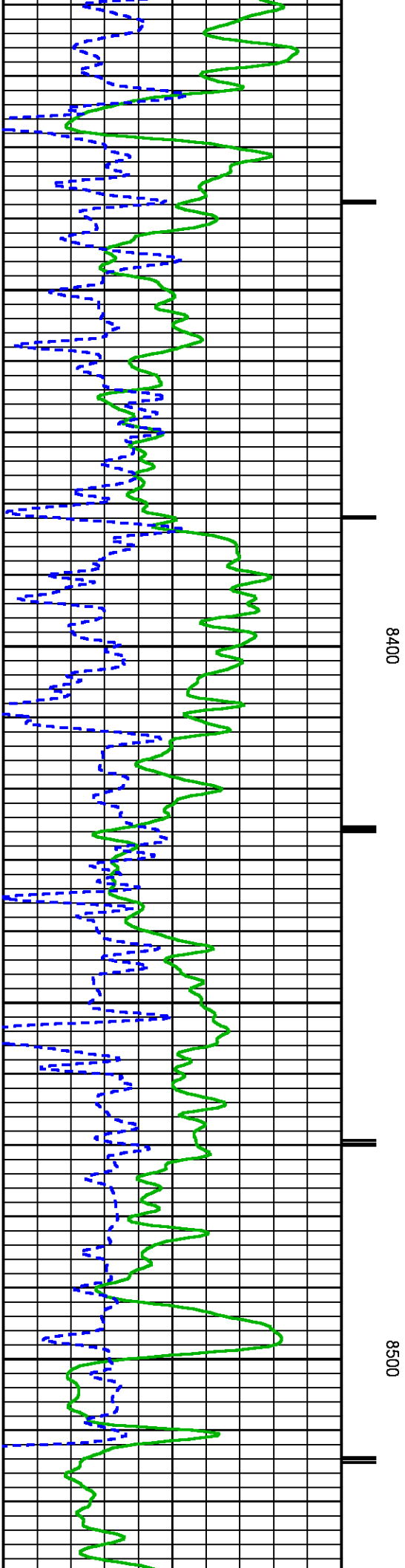
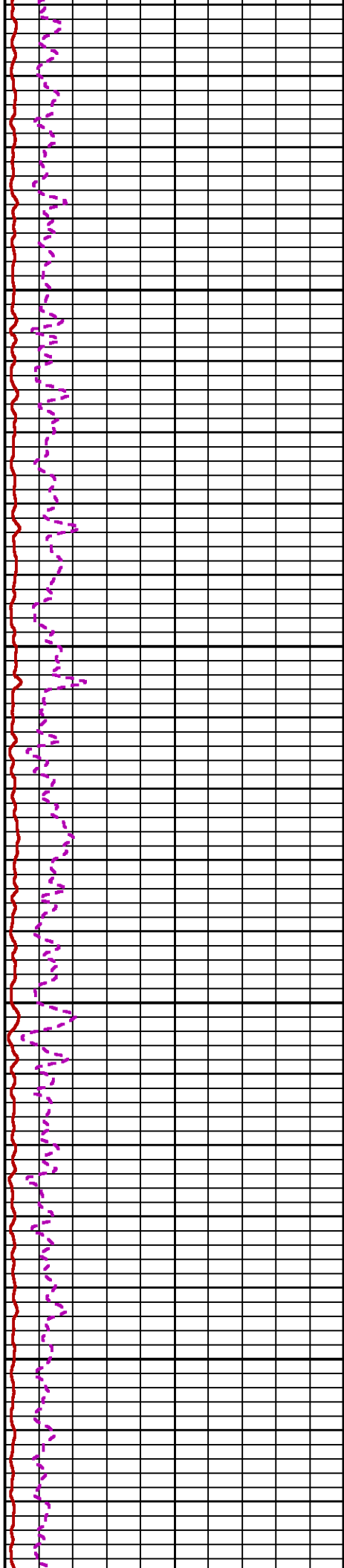
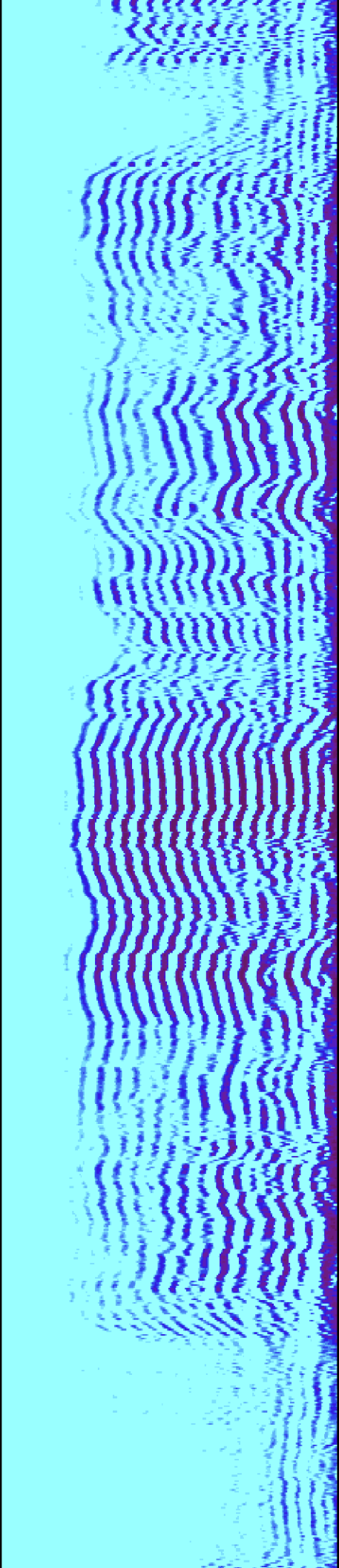


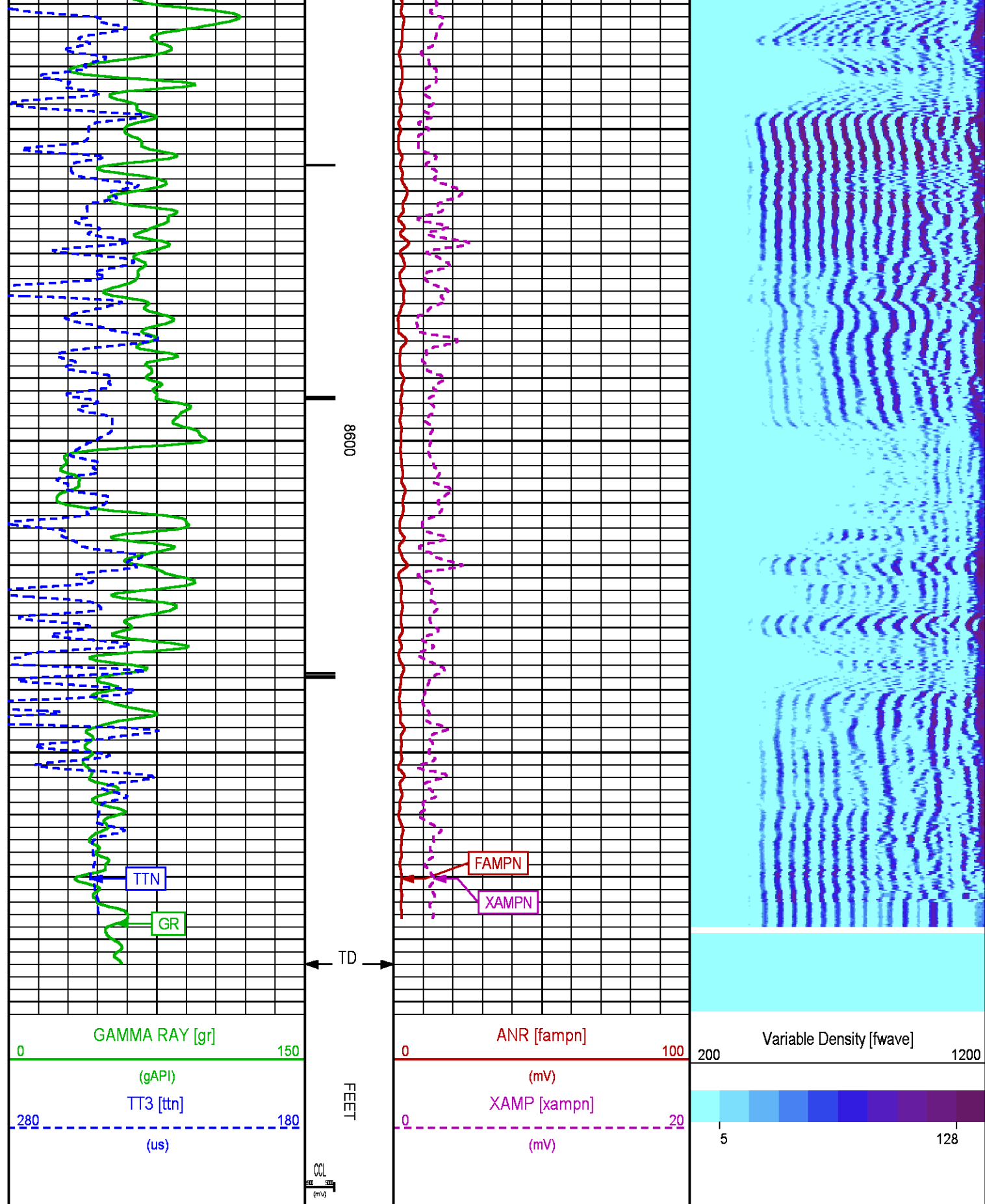












SECONDARY PRESENTATION 0 PSI

Plotted: Sat Jan 10 17:23:54 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH093868/n012e04.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 41.000 ft BOTTOM DEPTH: 3110.250 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*)	187	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	187	us	"	"
	AMP WINDOW START (fgp3*)	187	us	"	"
	AMP WINDOW START (fgp4*)	187	us	"	"
	AMP WINDOW START (fgp5*)	187	us	"	"
	AMP WINDOW START (fgp6*)	187	us	"	"
	AMP WINDOW START (fgp7*)	187	us	"	"
	AMP WINDOW START (fgp8*)	187	us	"	"
	AMP WINDOW START (fgpn*)	187	us	"	"
	AMP WINDOW LENGTH	25	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*)	-73	us	"	"
	TOOL DELAY (str2*)	-73	us	"	"
	TOOL DELAY (str3*)	-73	us	"	"
	TOOL DELAY (str4*)	-73	us	"	"
	TOOL DELAY (str5*)	-73	us	"	"
	TOOL DELAY (str6*)	-73	us	"	"
	TOOL DELAY (str7*)	-73	us	"	"
	TOOL DELAY (str8*)	-73	us	"	"
	TOOL DELAY (strn*)	-73	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	"	"
	FULL BOND AMP REC 7	2	mV	"	"
	FULL BOND AMP REC 8	2	mV	"	"

CURVE DESCRIPTION REPORT

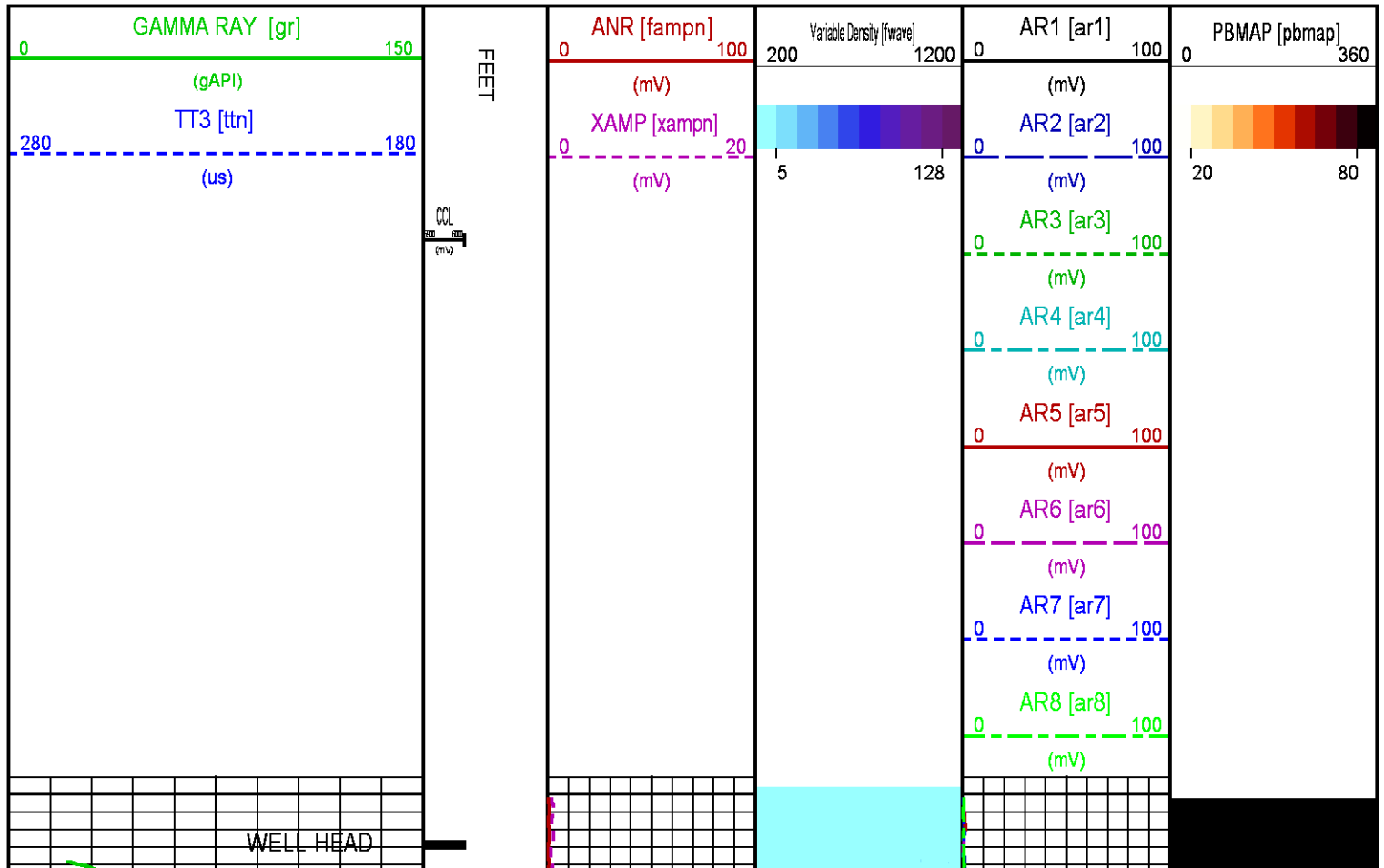
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	Jan 10 10:25:22 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jan 10 10:25:22 2015	FAR WAVE FORM
F1:GR	Jan 10 10:25:22 2015	GAMMA RAY
F1:PBMAP	Jan 10 10:25:22 2015	PERCENT BOND CEMENT MAP
F1:TTN	Jan 10 10:25:22 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jan 10 10:25:22 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

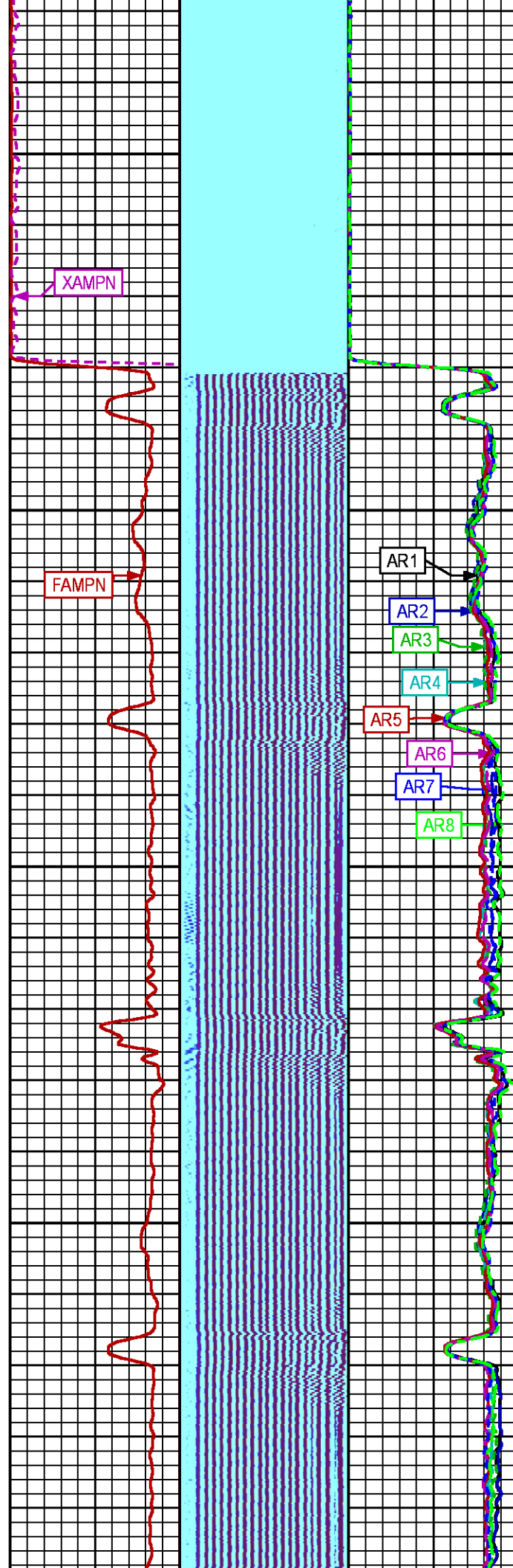
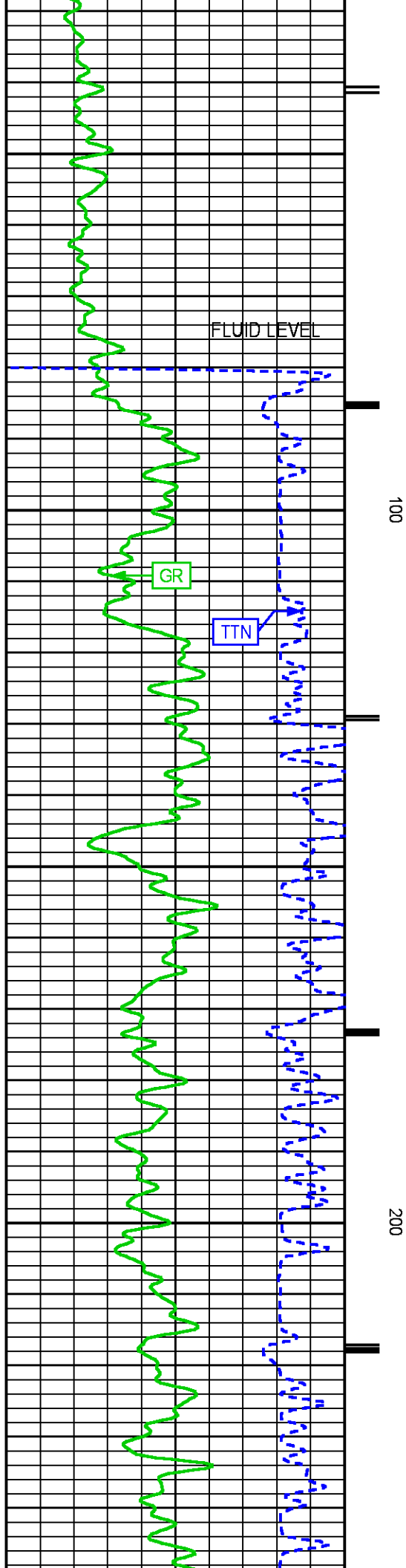
CURVE MEASURE POINT OFFSET

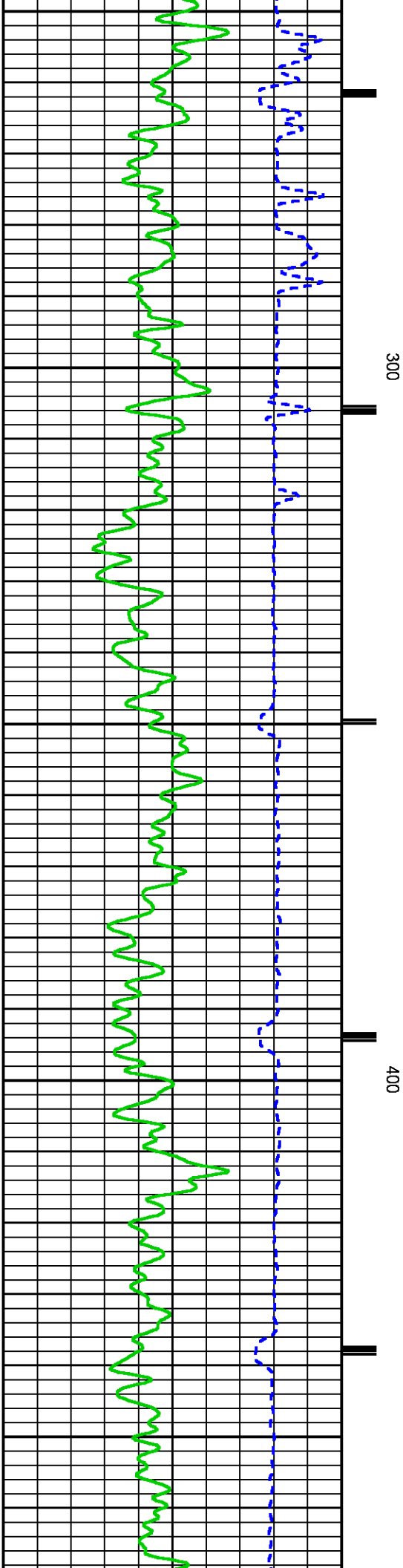
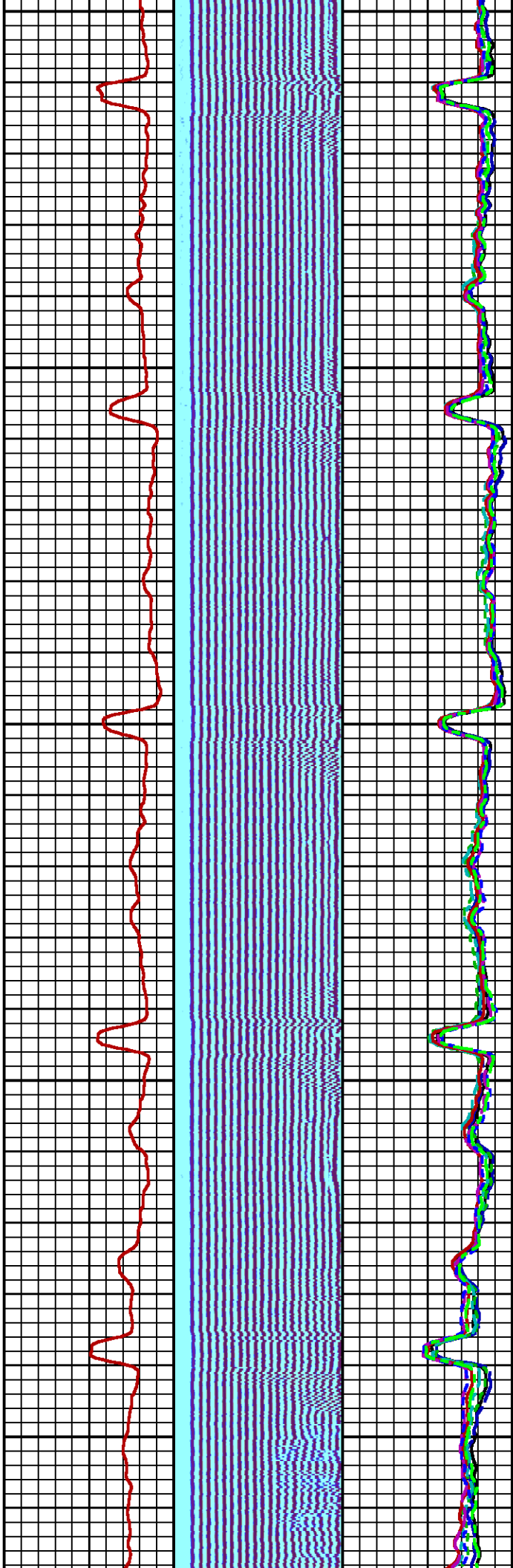
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	13.75	AR5	13.75	CCL	8.50	XAMPN	13.75
AR2	13.75	AR6	13.75	FAMPN	13.75		
AR3	13.75	AR7	13.75	GR	6.50		
AR4	13.75	AR8	13.75	TTN	13.75		

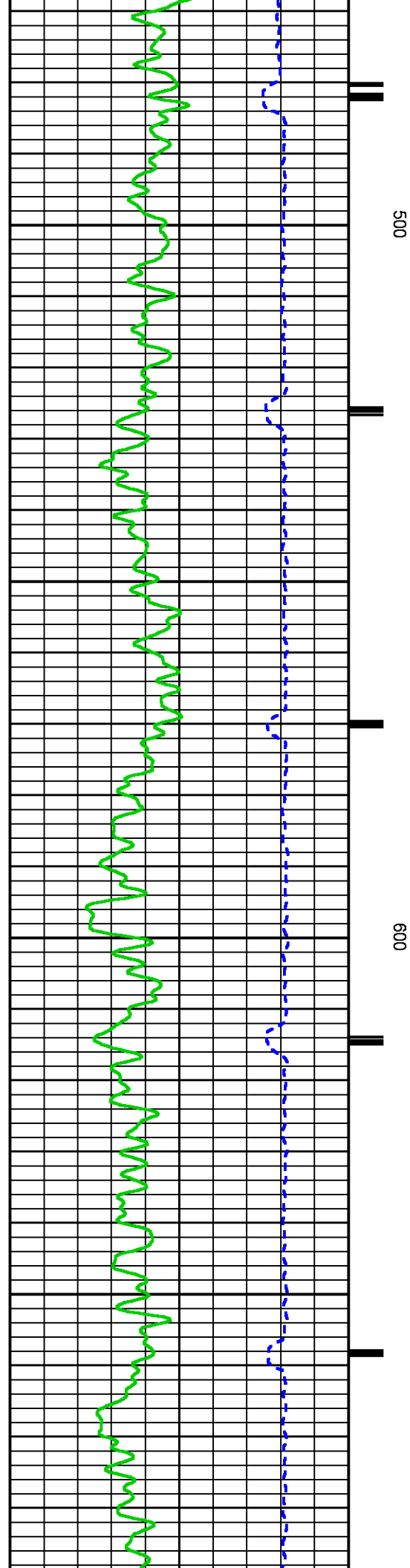
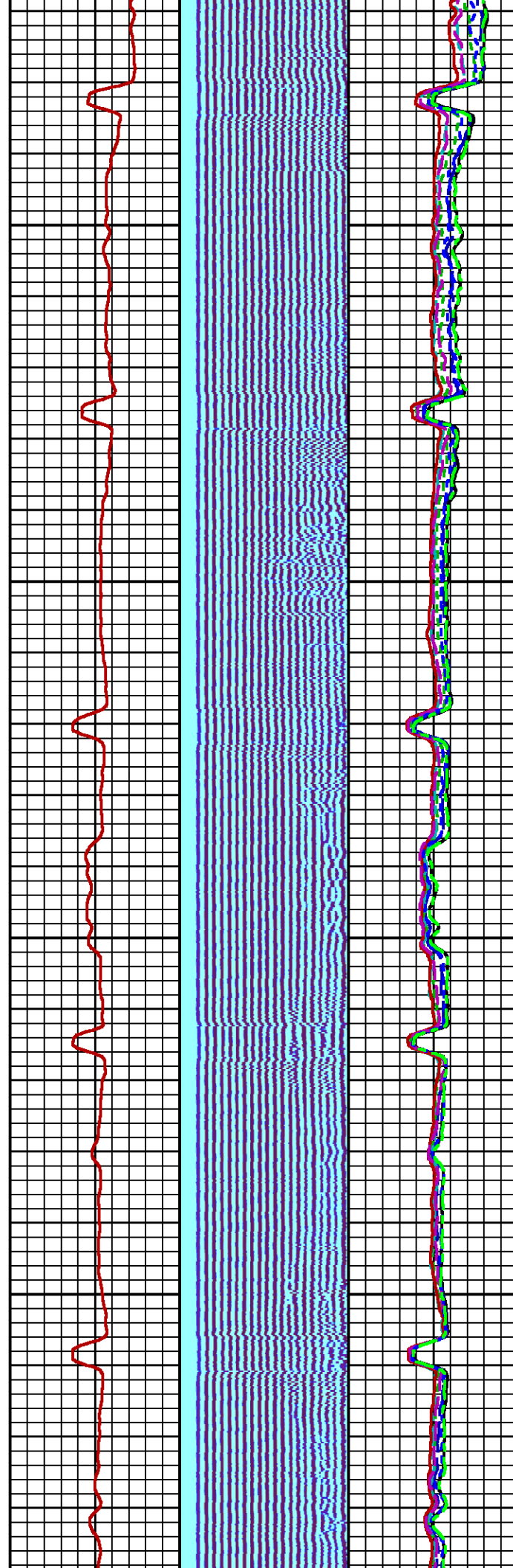
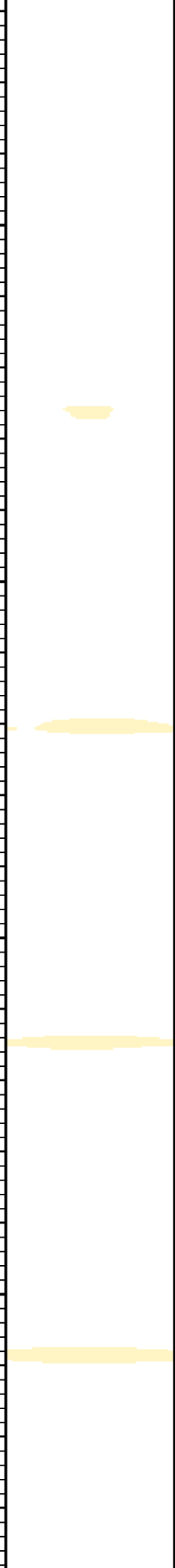
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Plot Interval : 19.25 - 8691.5 Feet

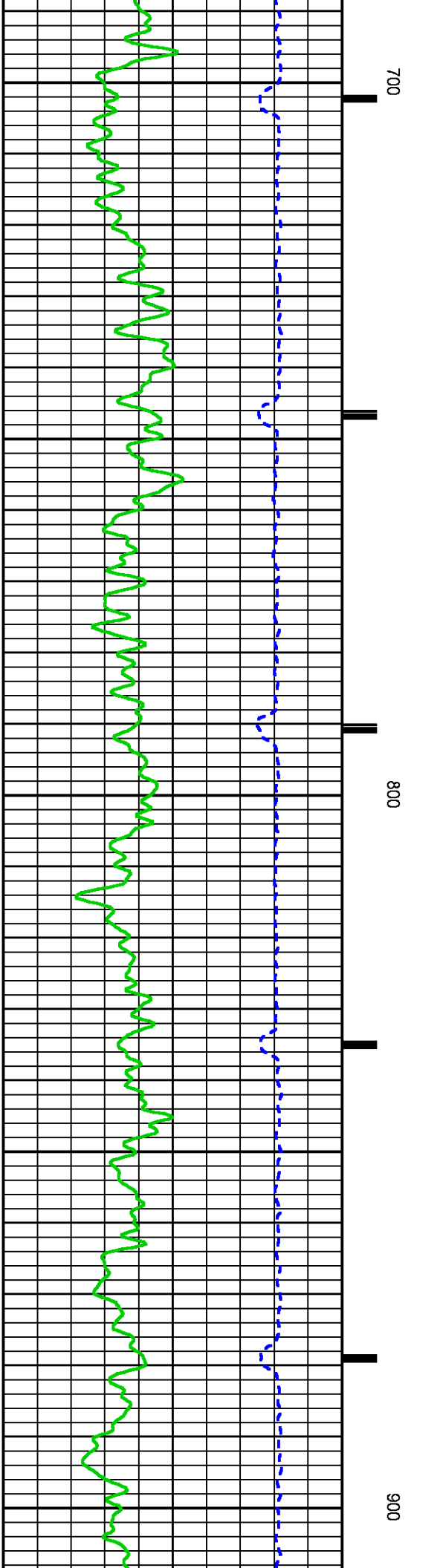
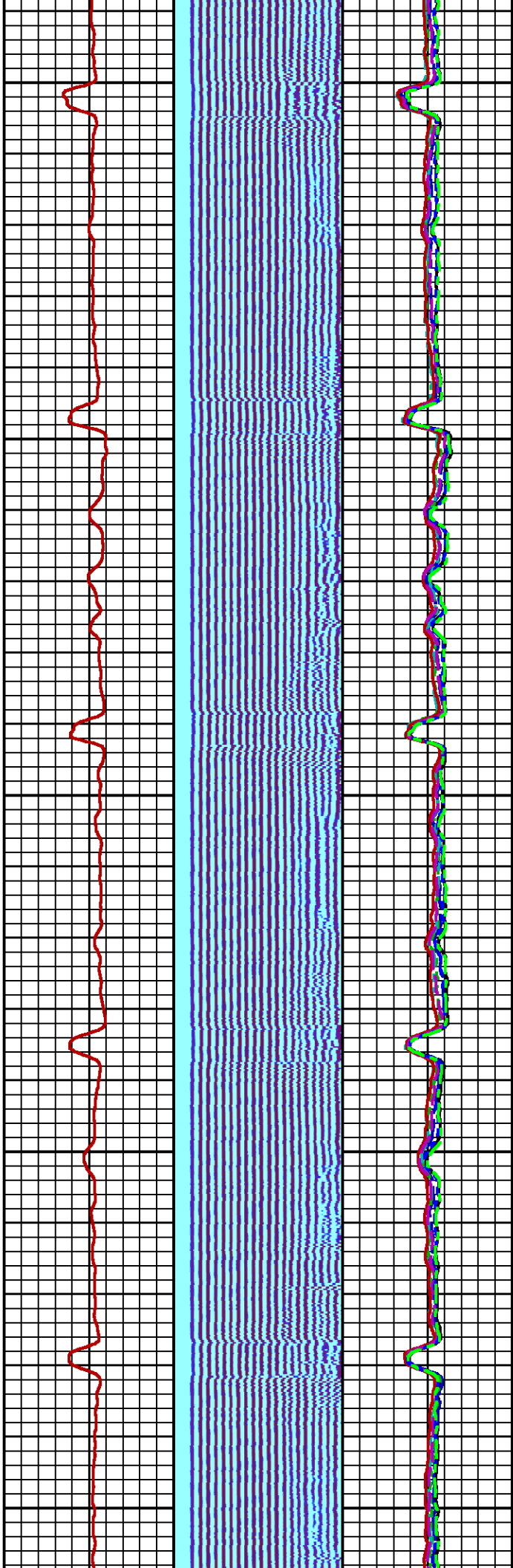
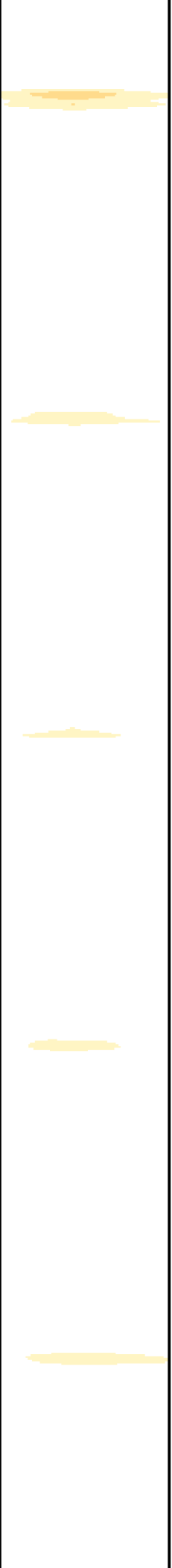
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Created On : Jan 10 10:25:22 2015
Company : WPX ENERGY ROCKY MTN LLC
Well : FEDERAL PA 541-27
Field : PARACHUTE
File Interval : 19.25 - 8691.5 Feet
OCT : n012e

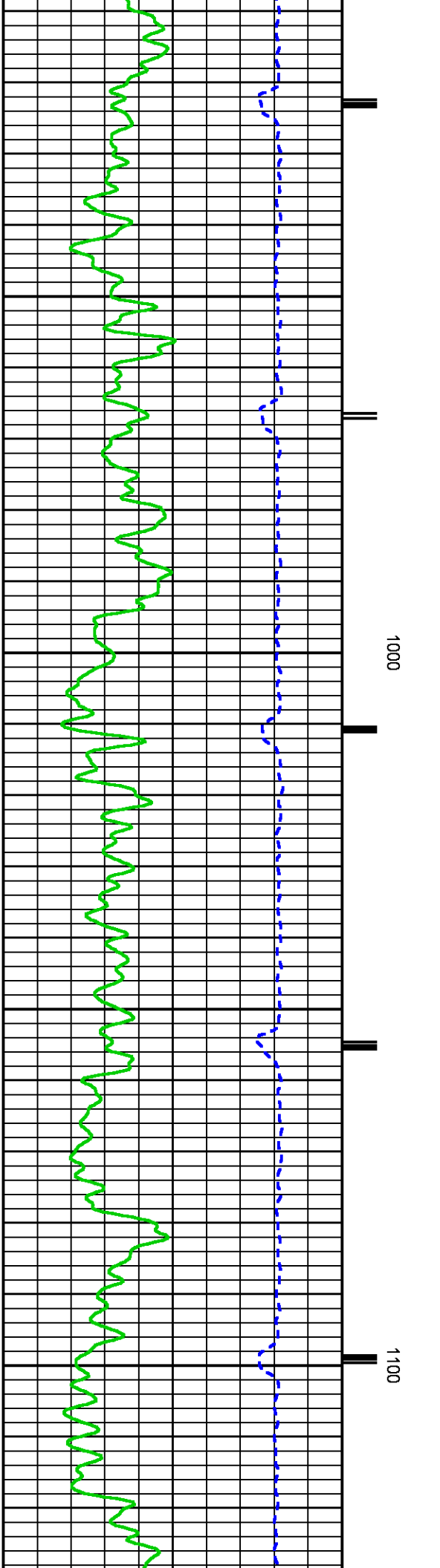
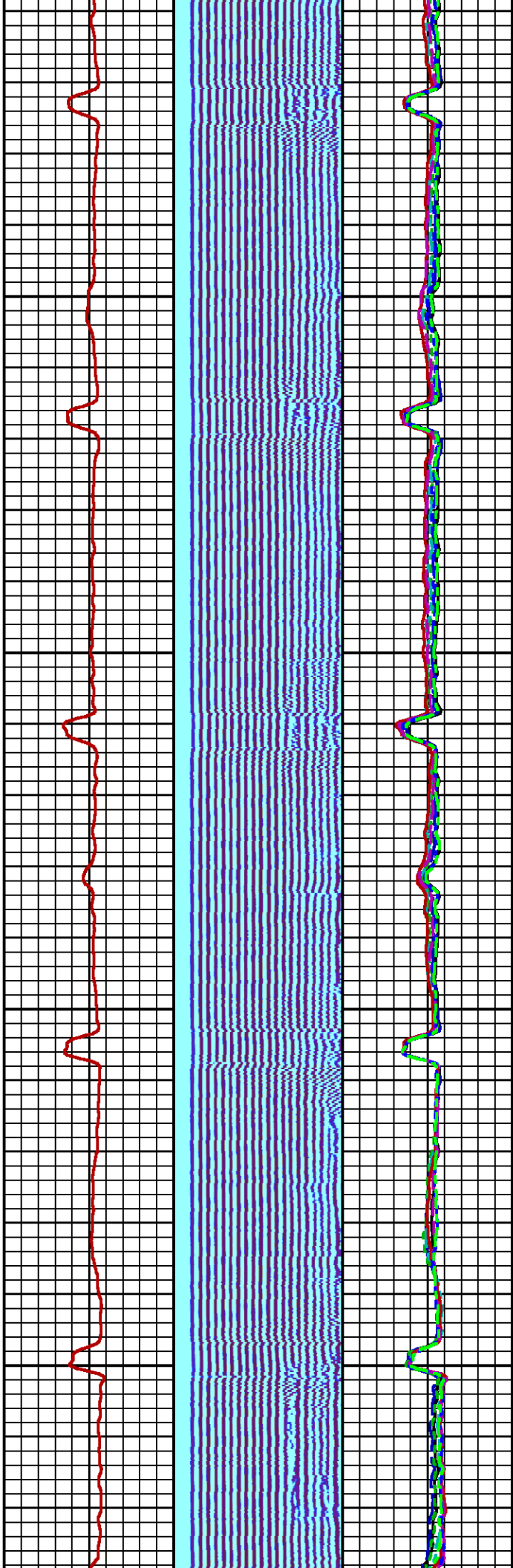
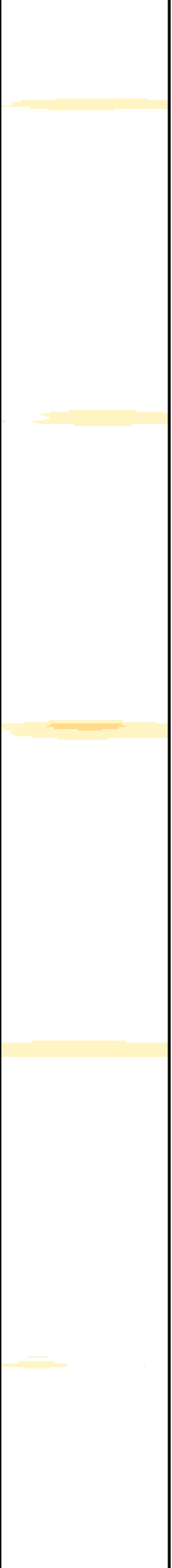


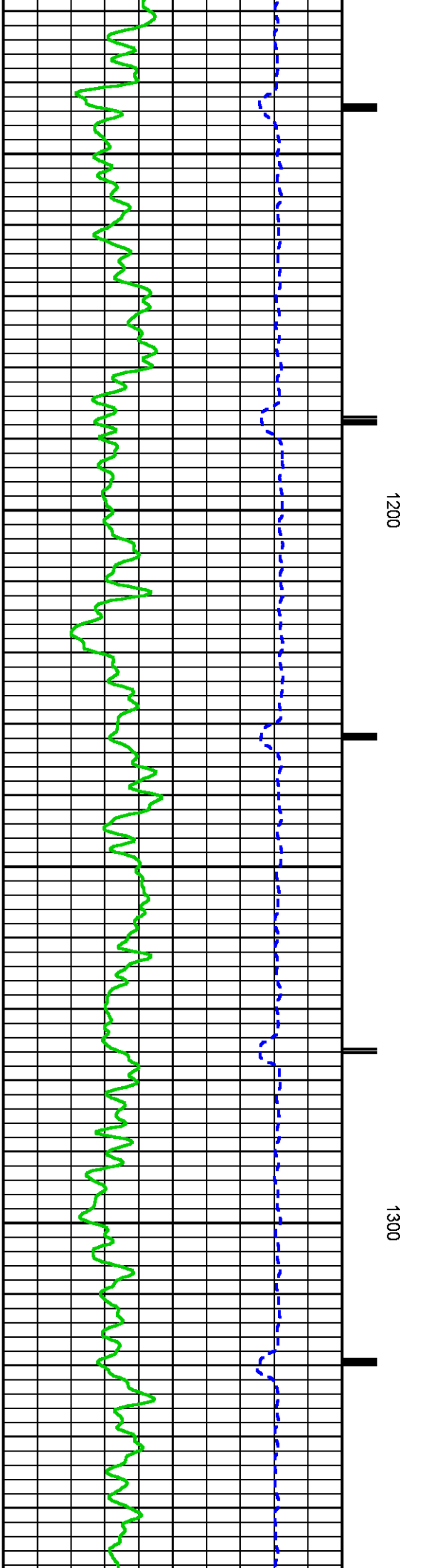
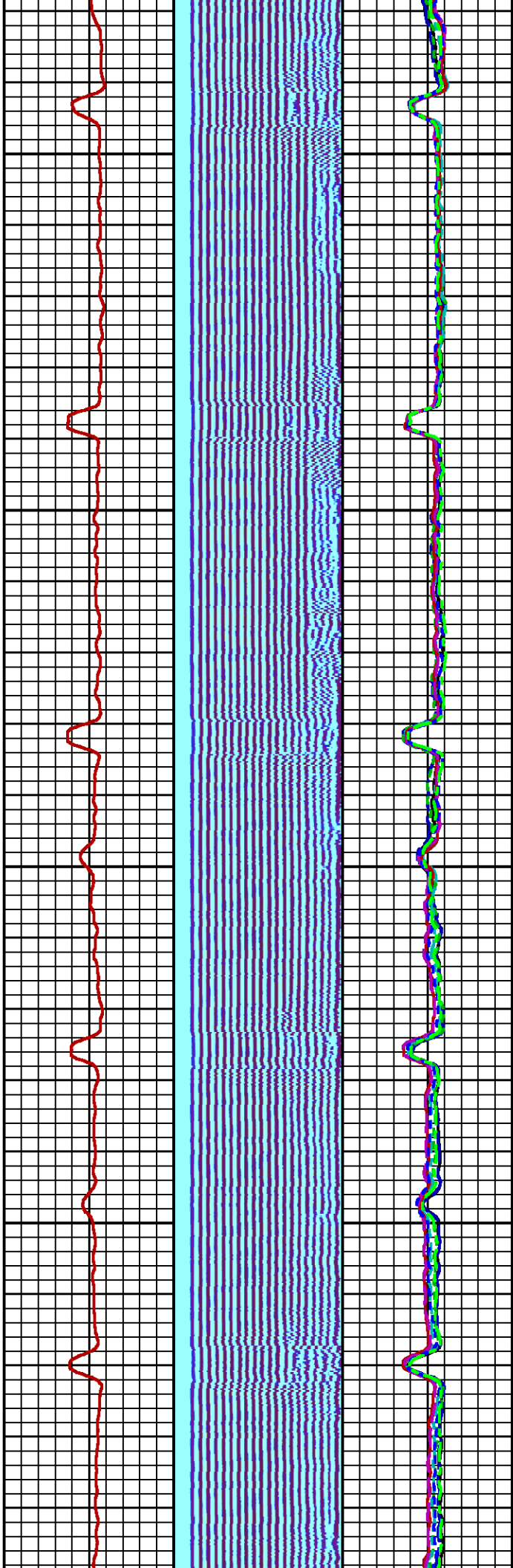
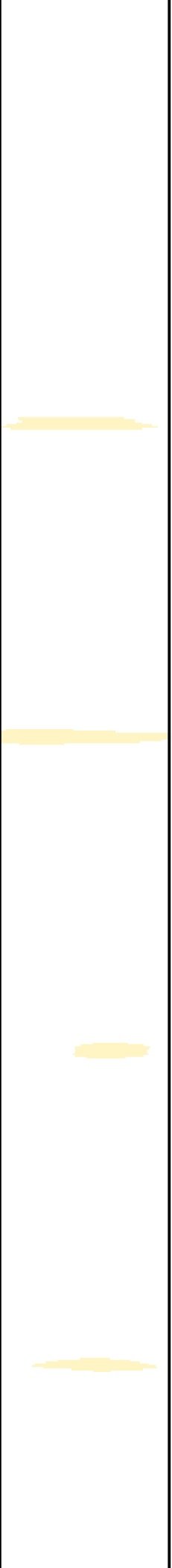


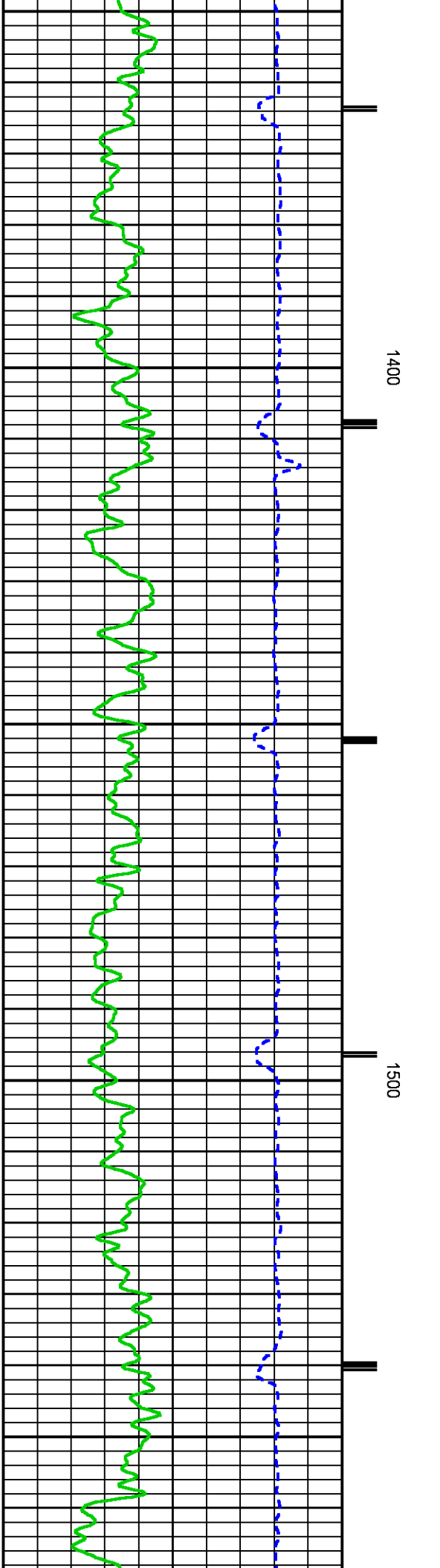
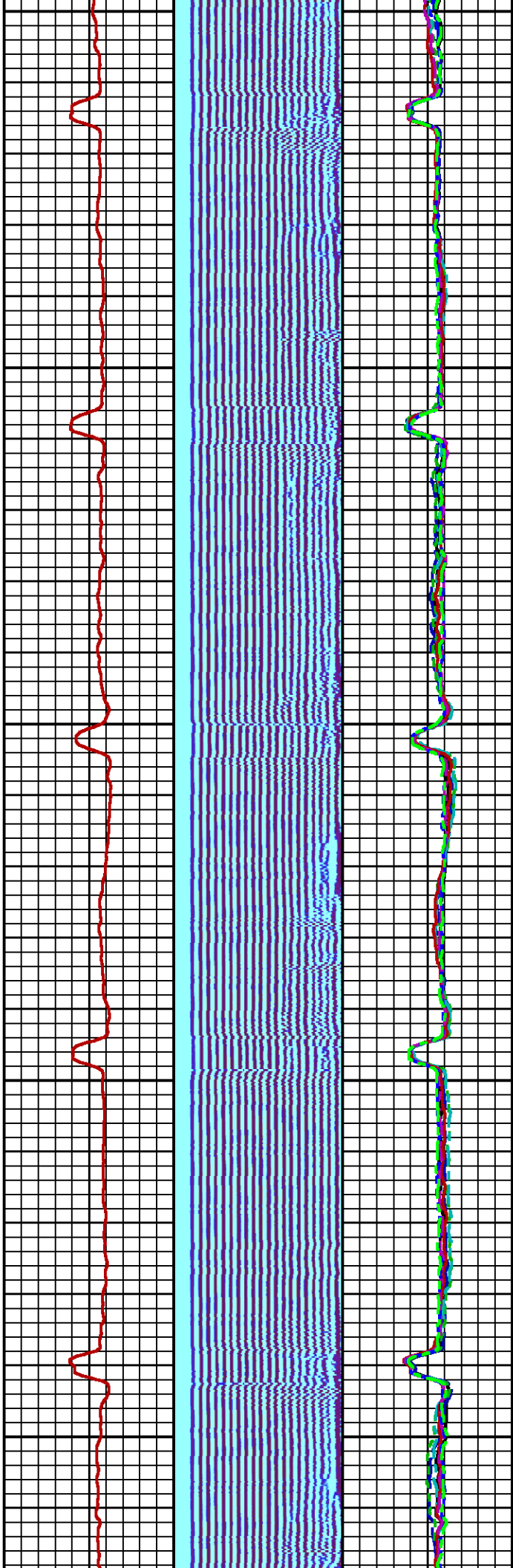
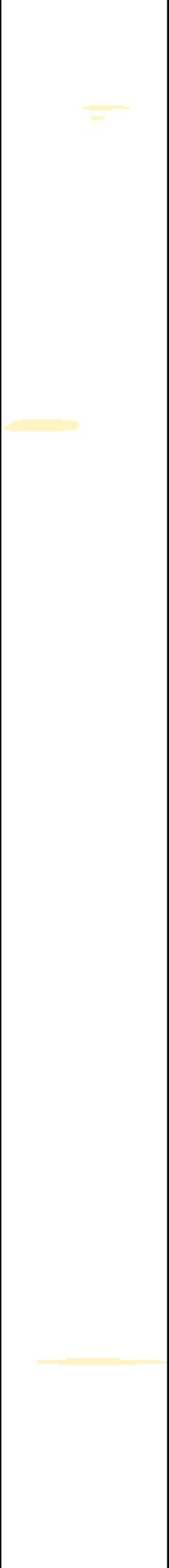


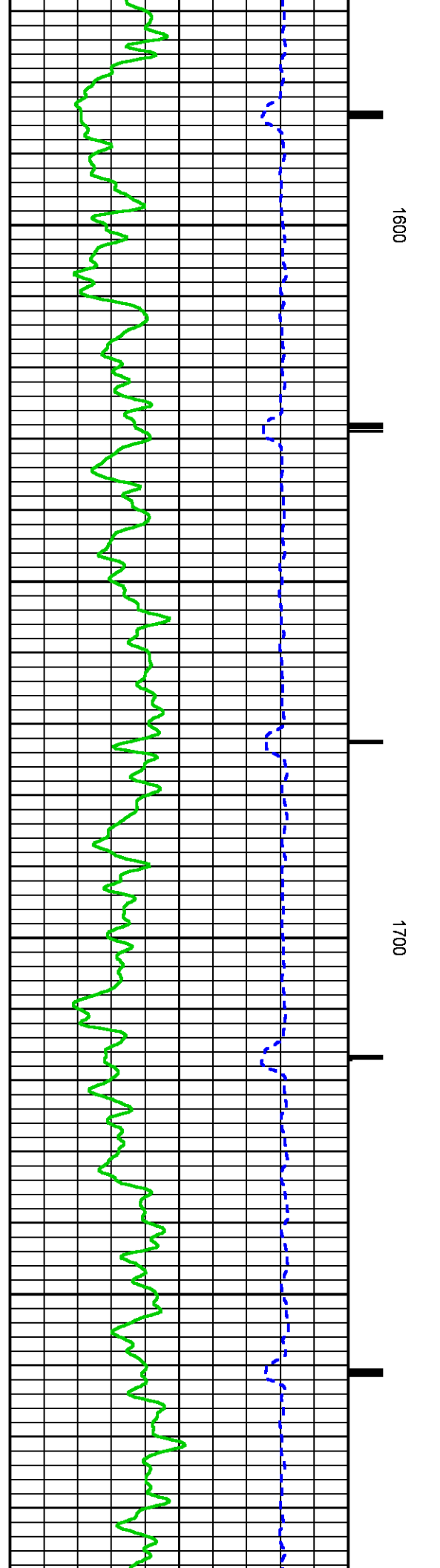
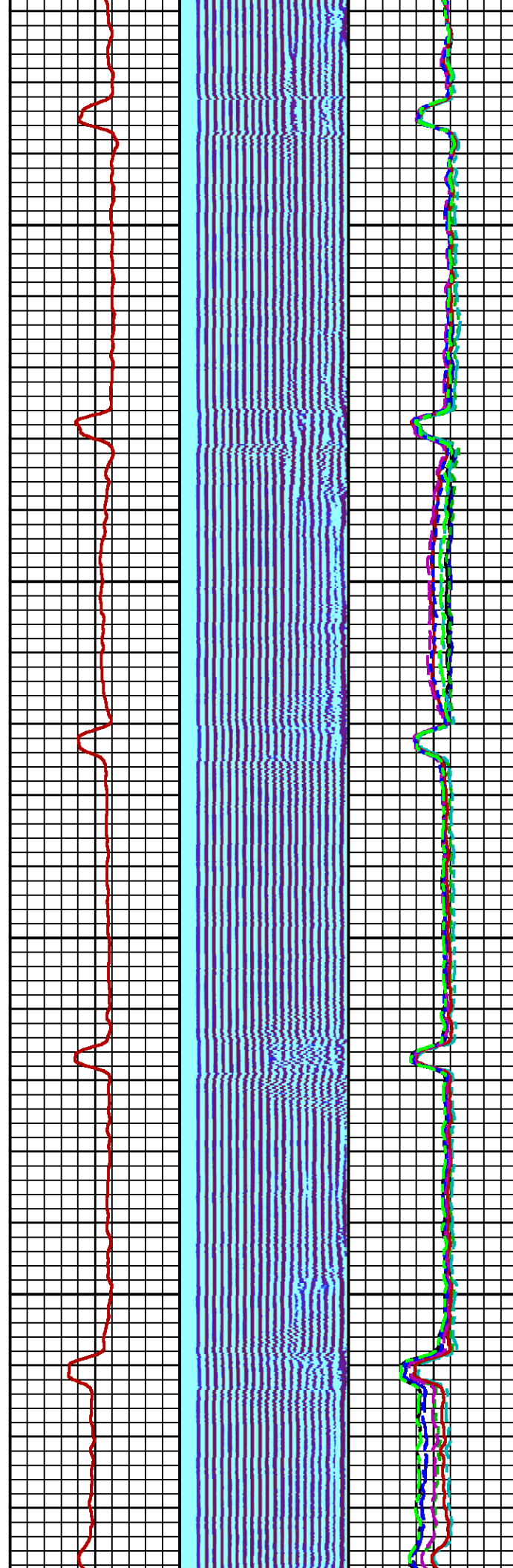


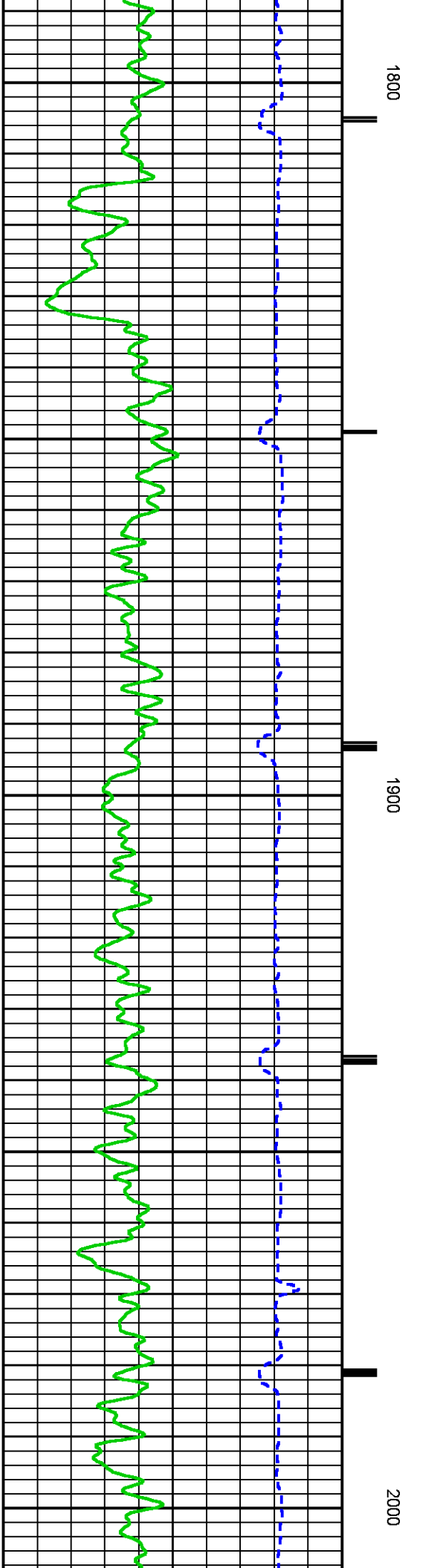
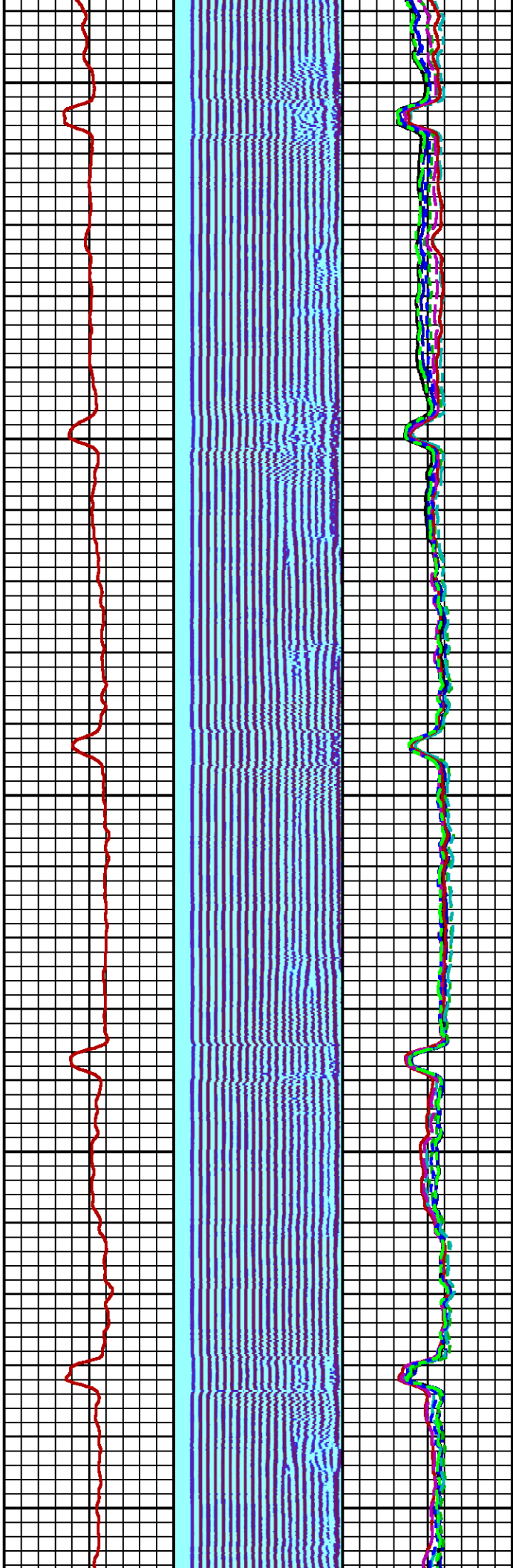
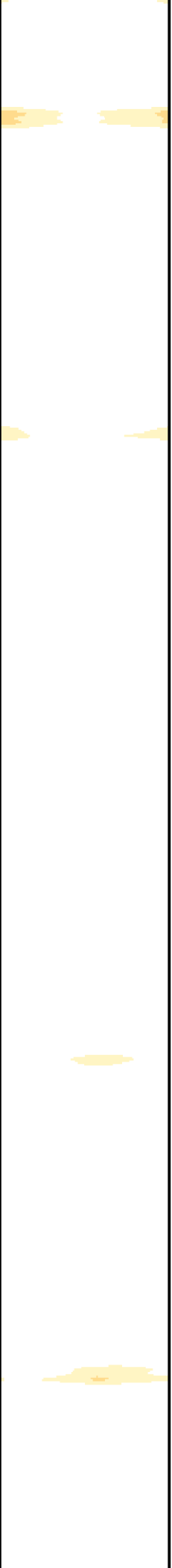


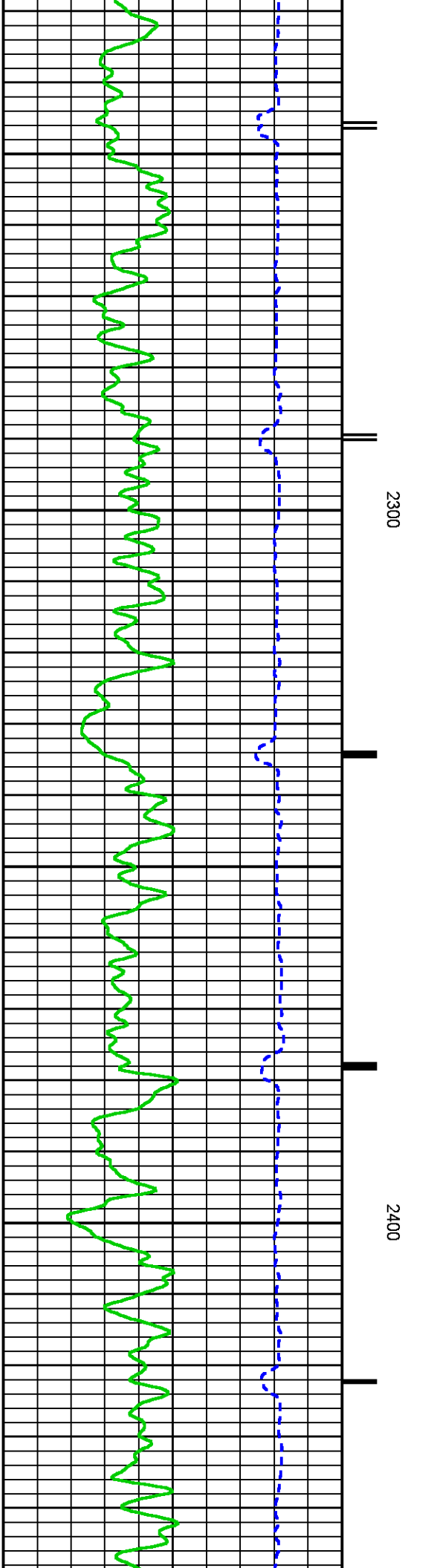
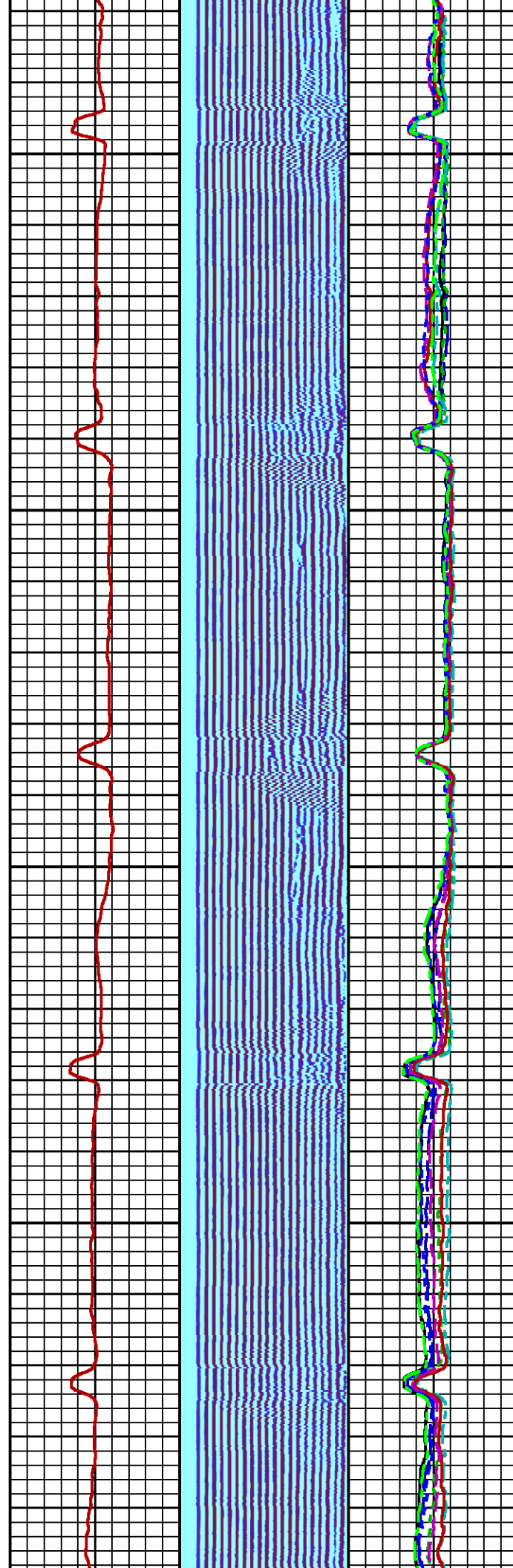
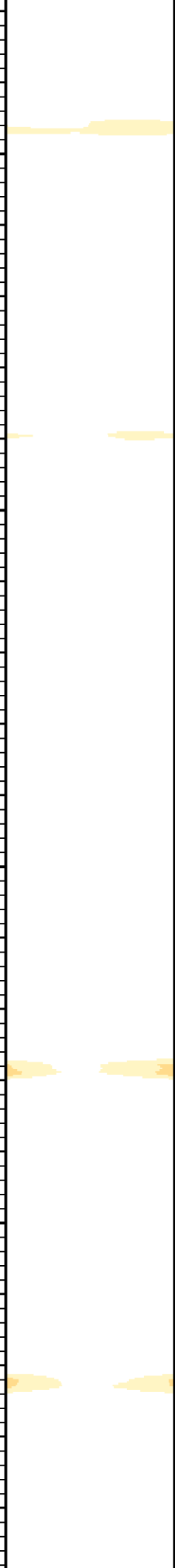


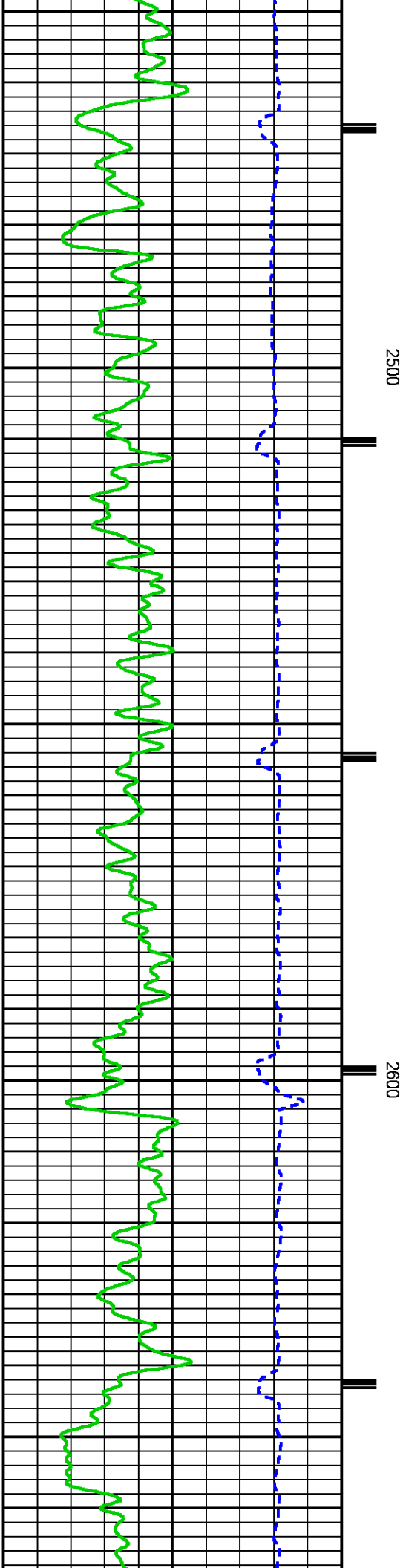
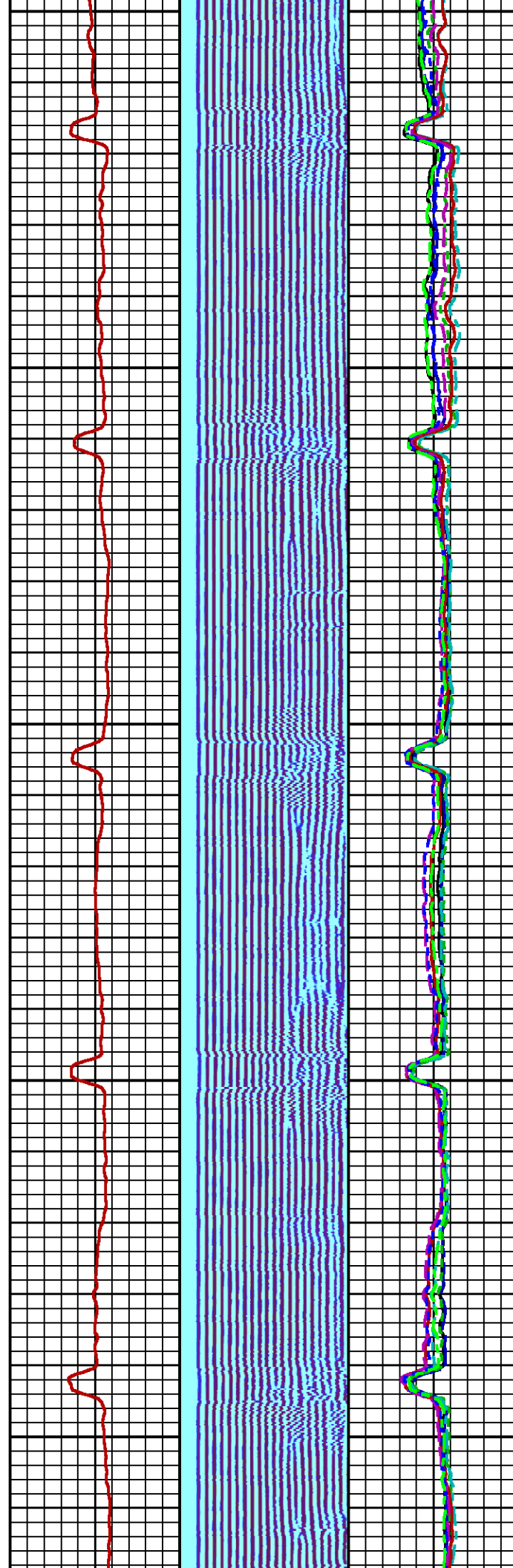
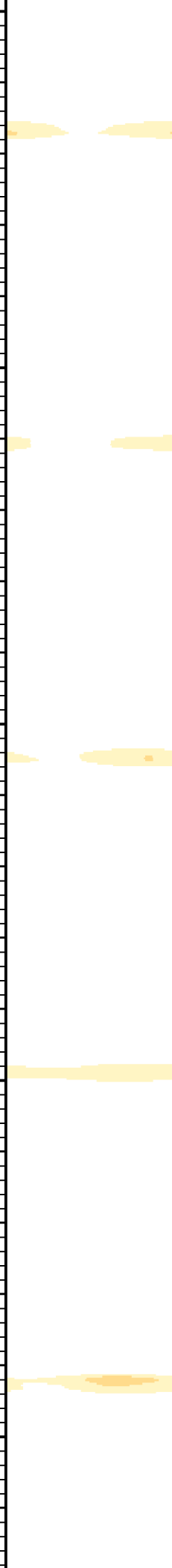


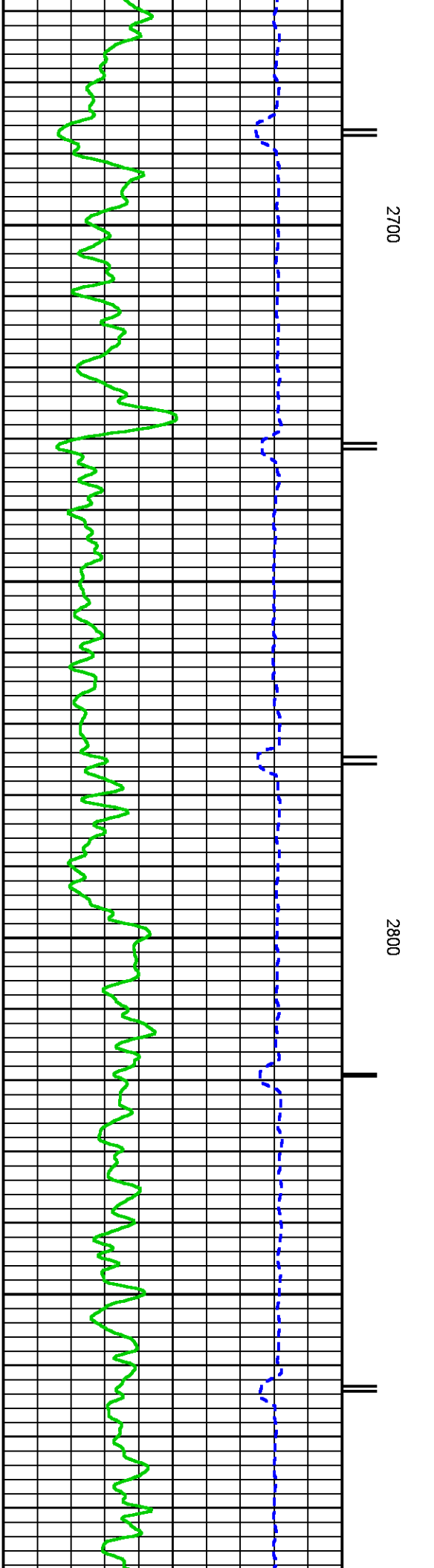
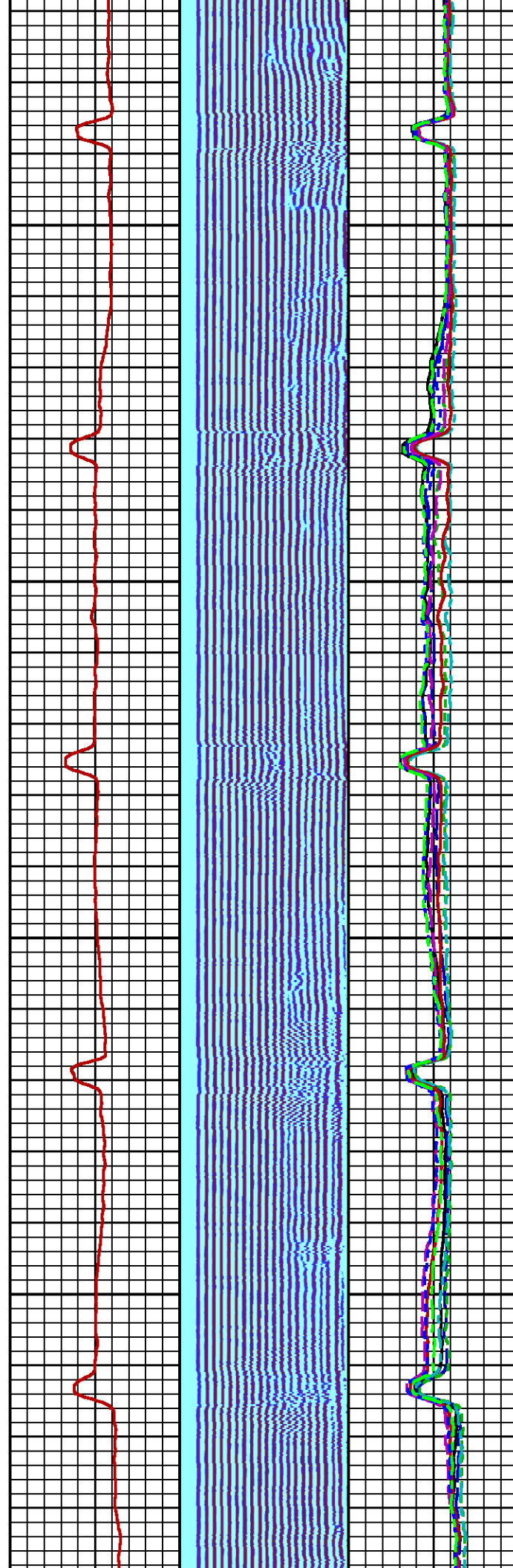
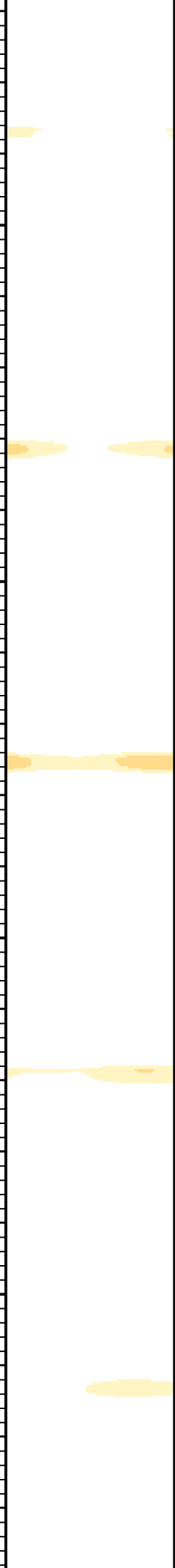


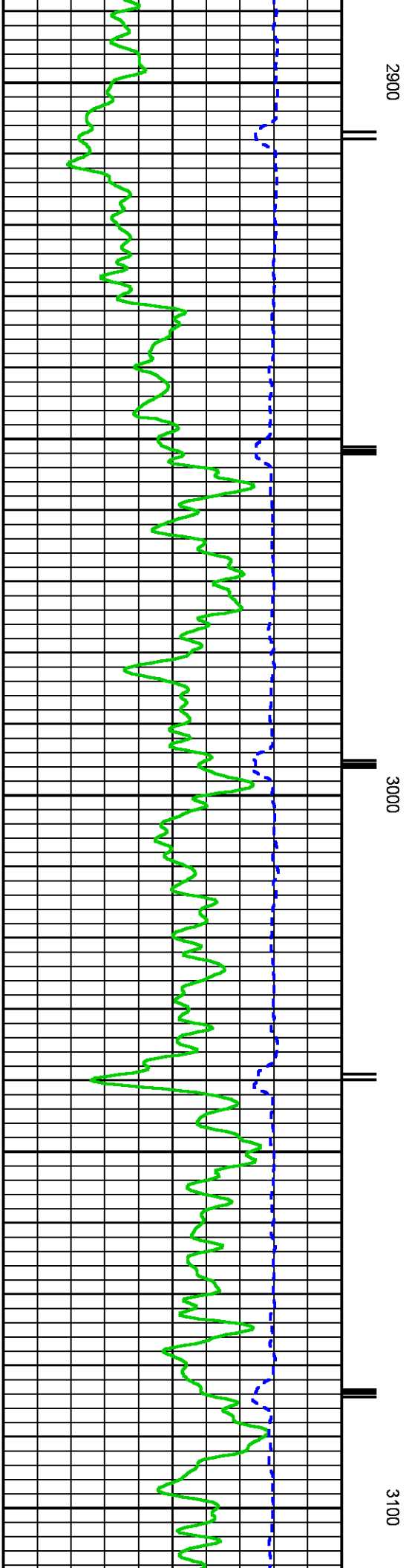
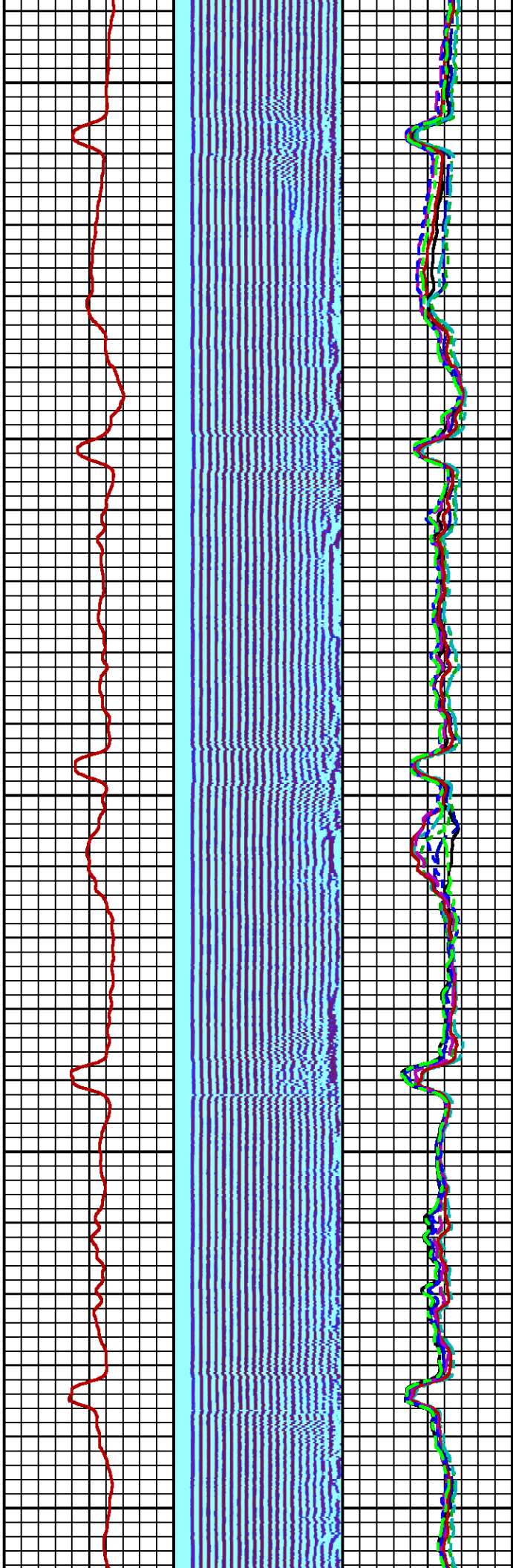


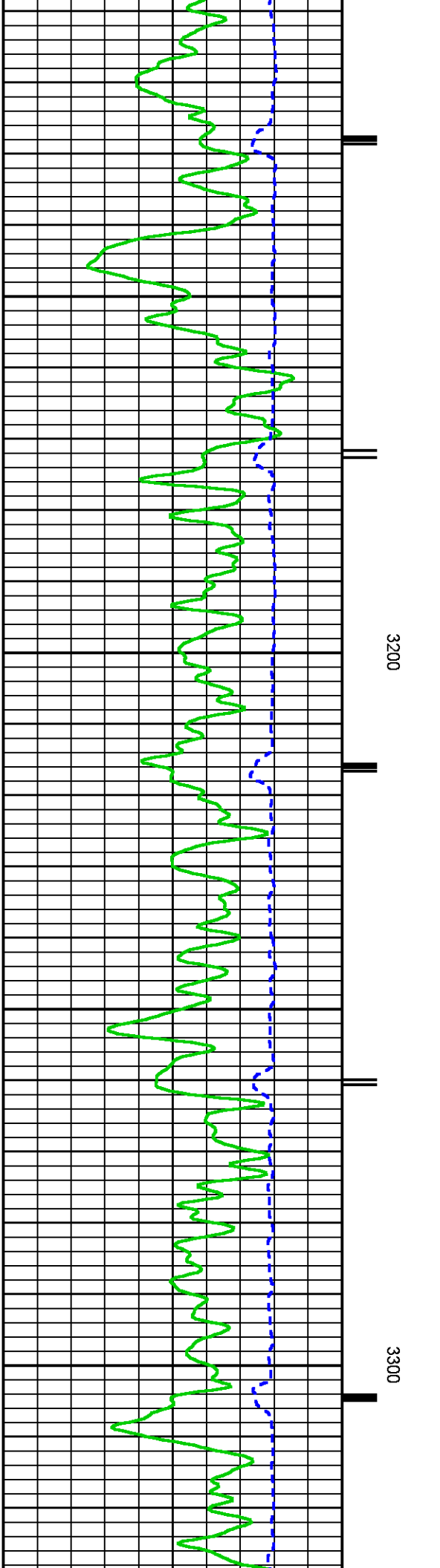
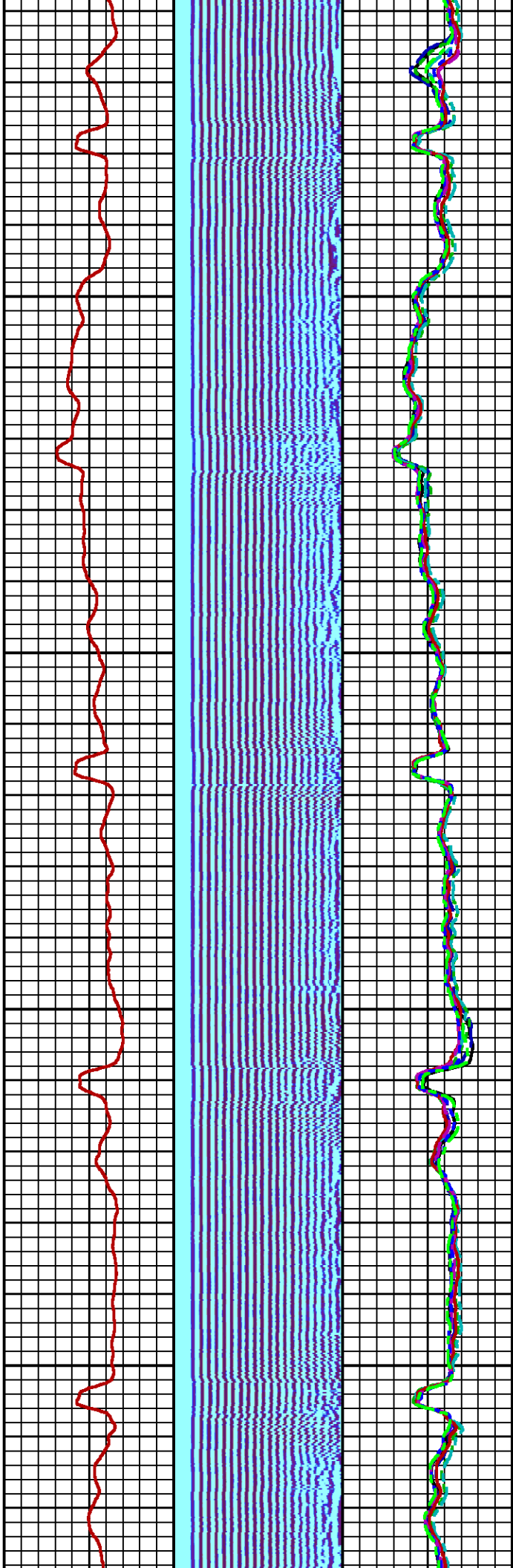
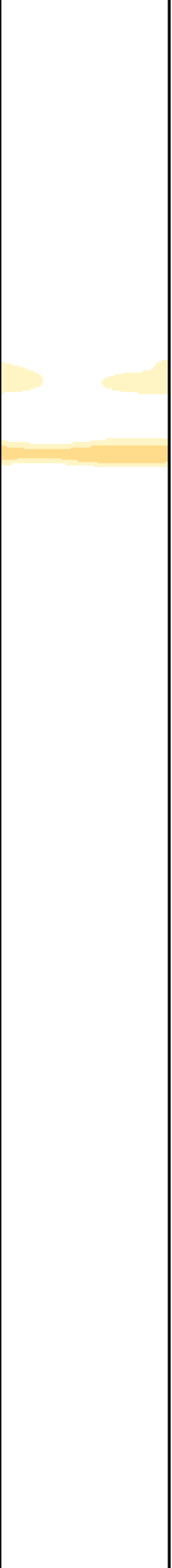


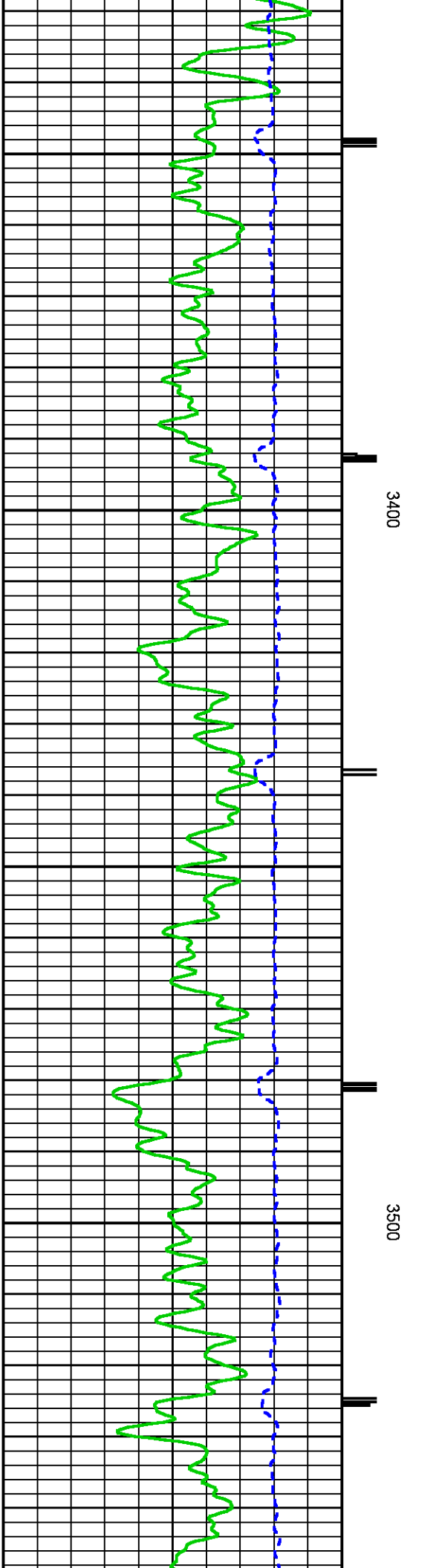
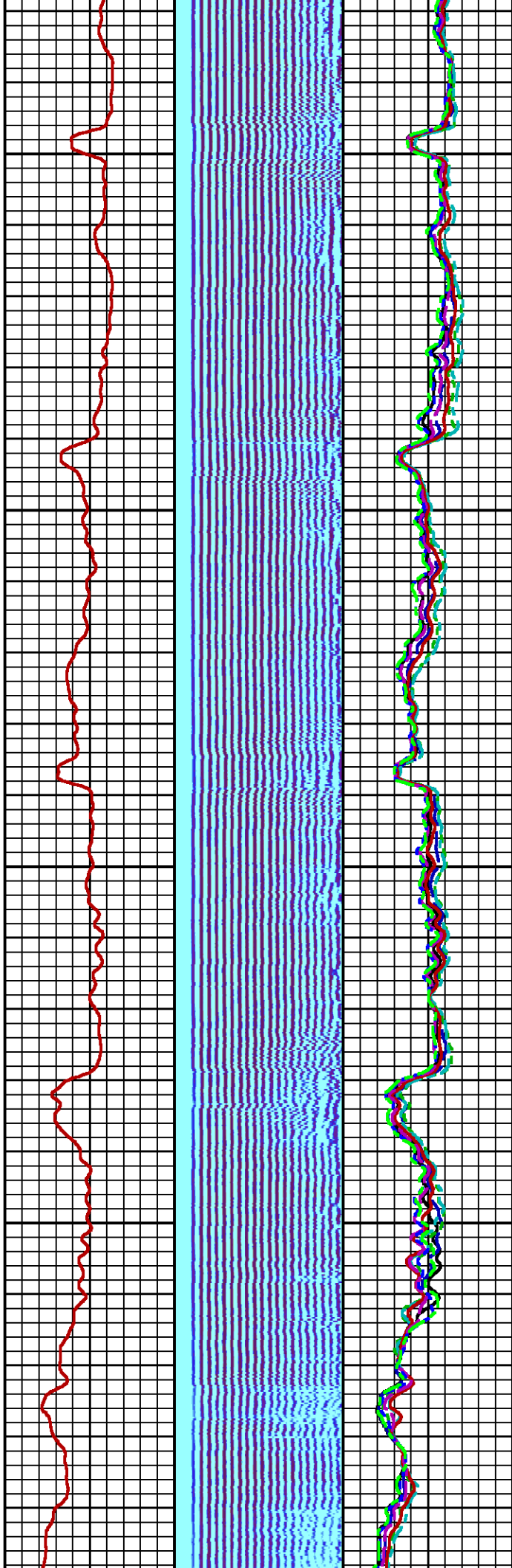
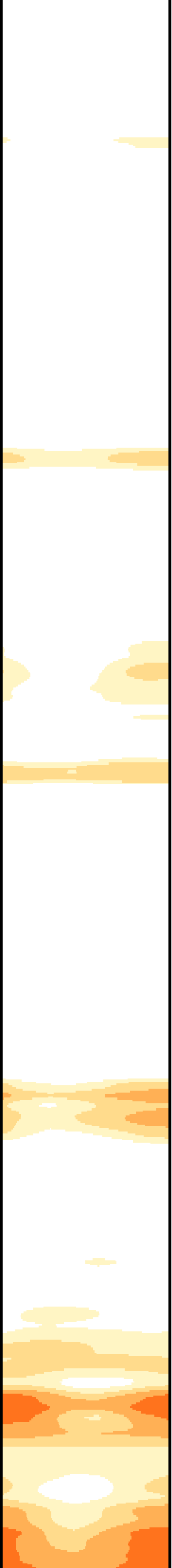


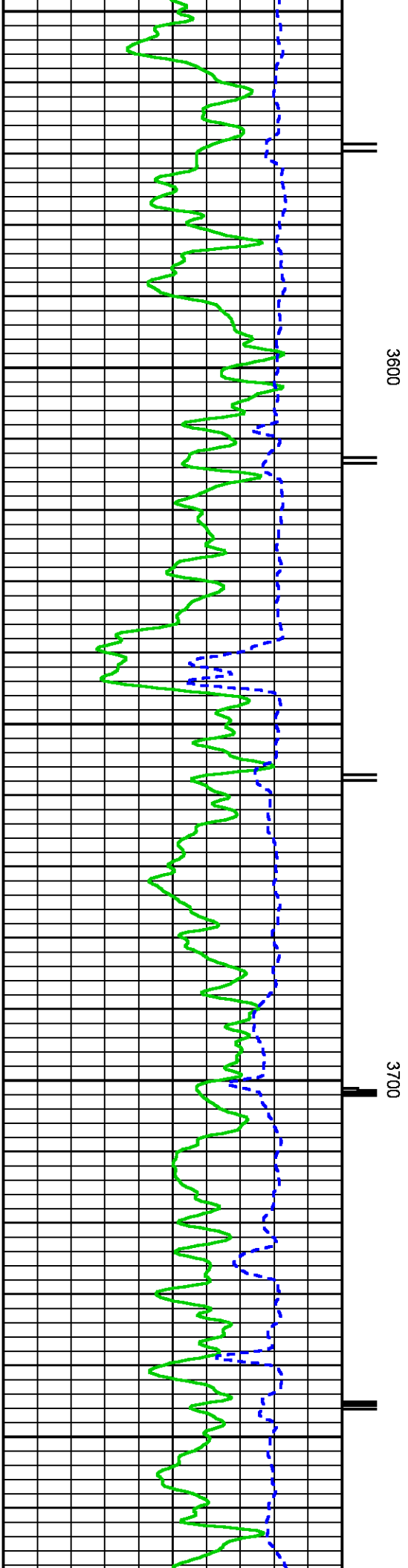
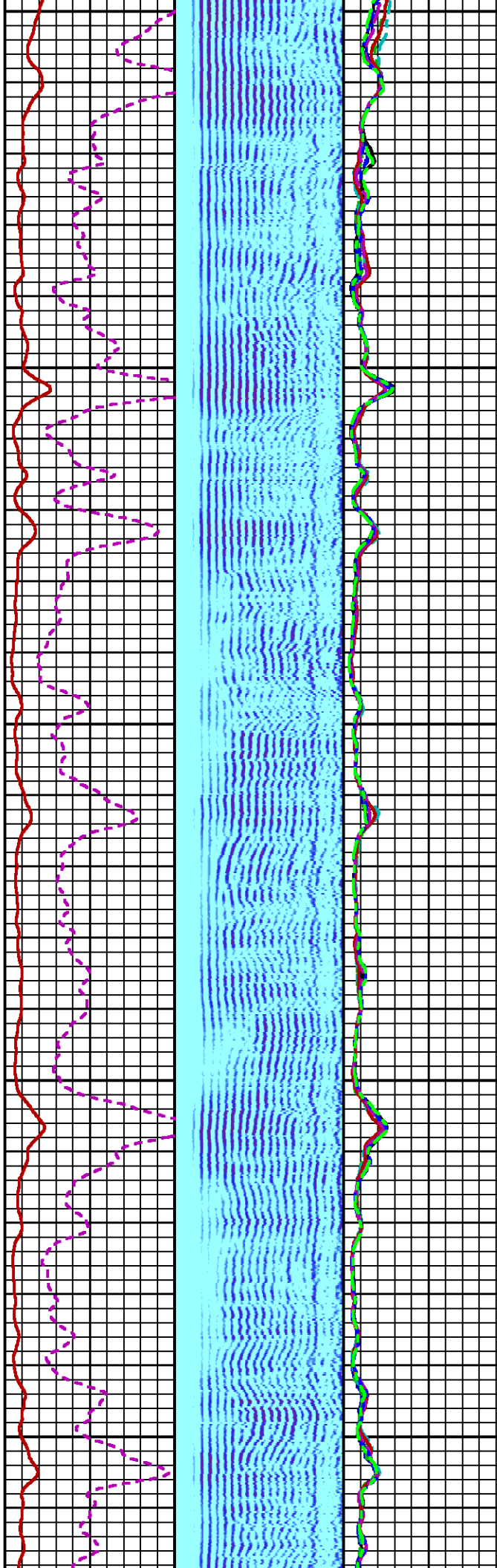
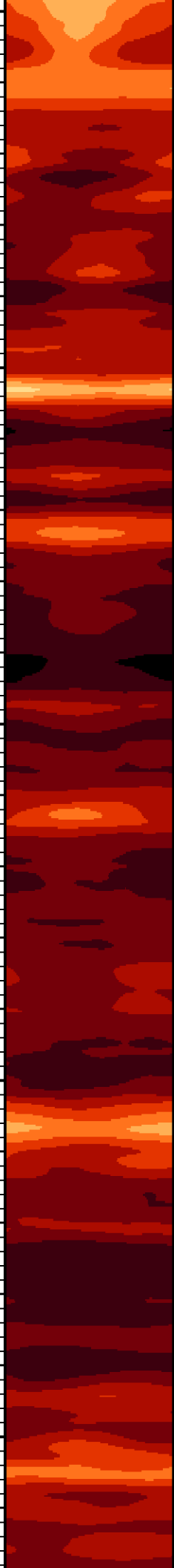


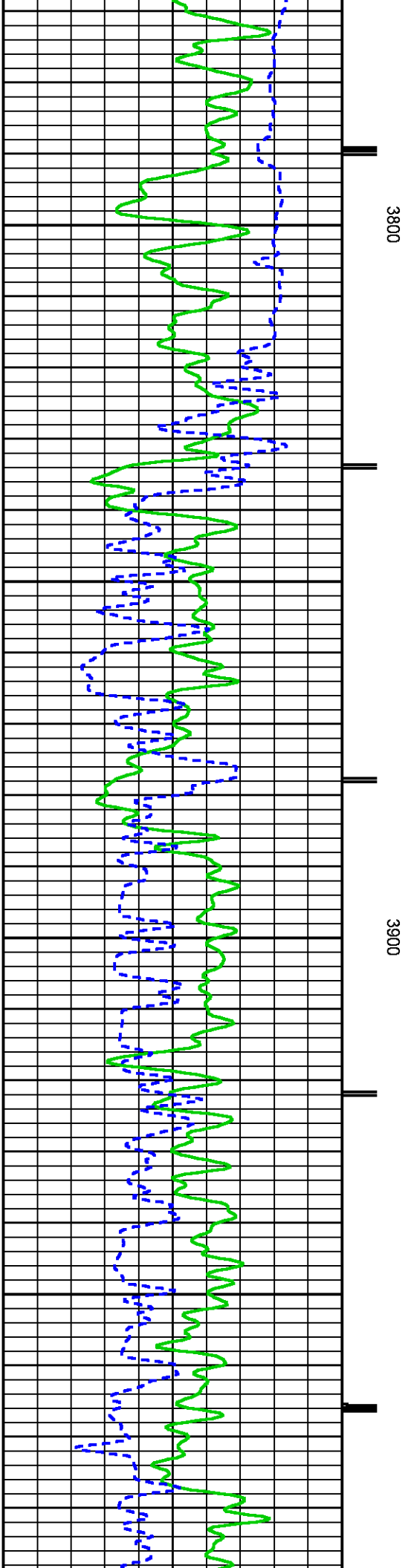
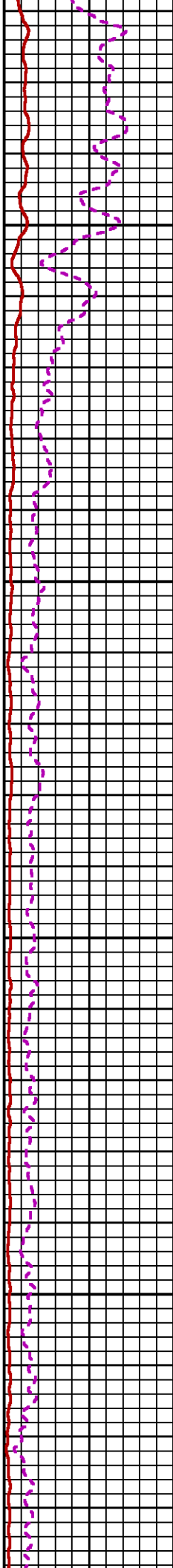
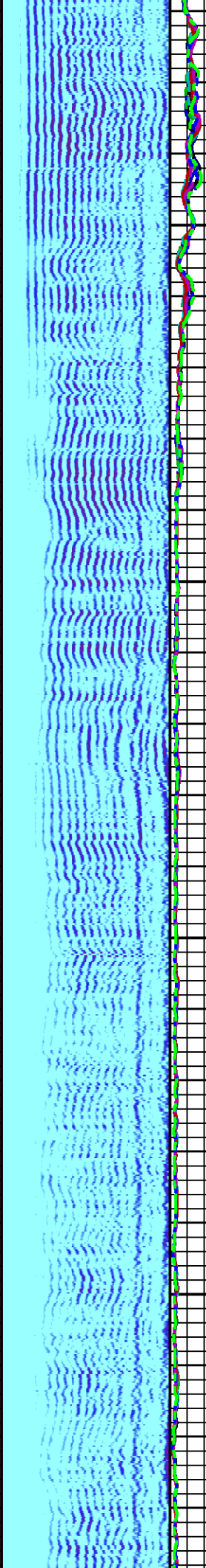
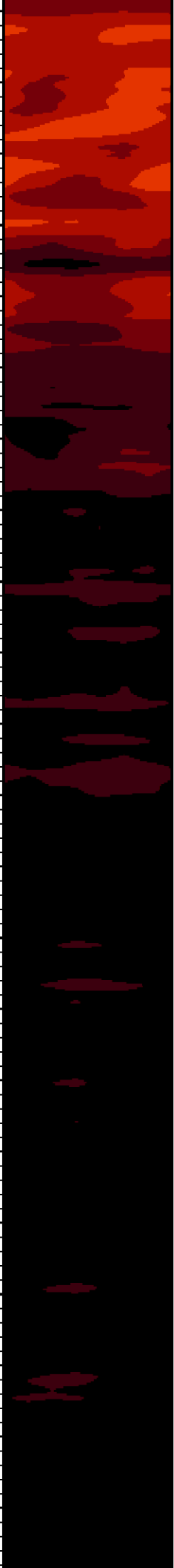


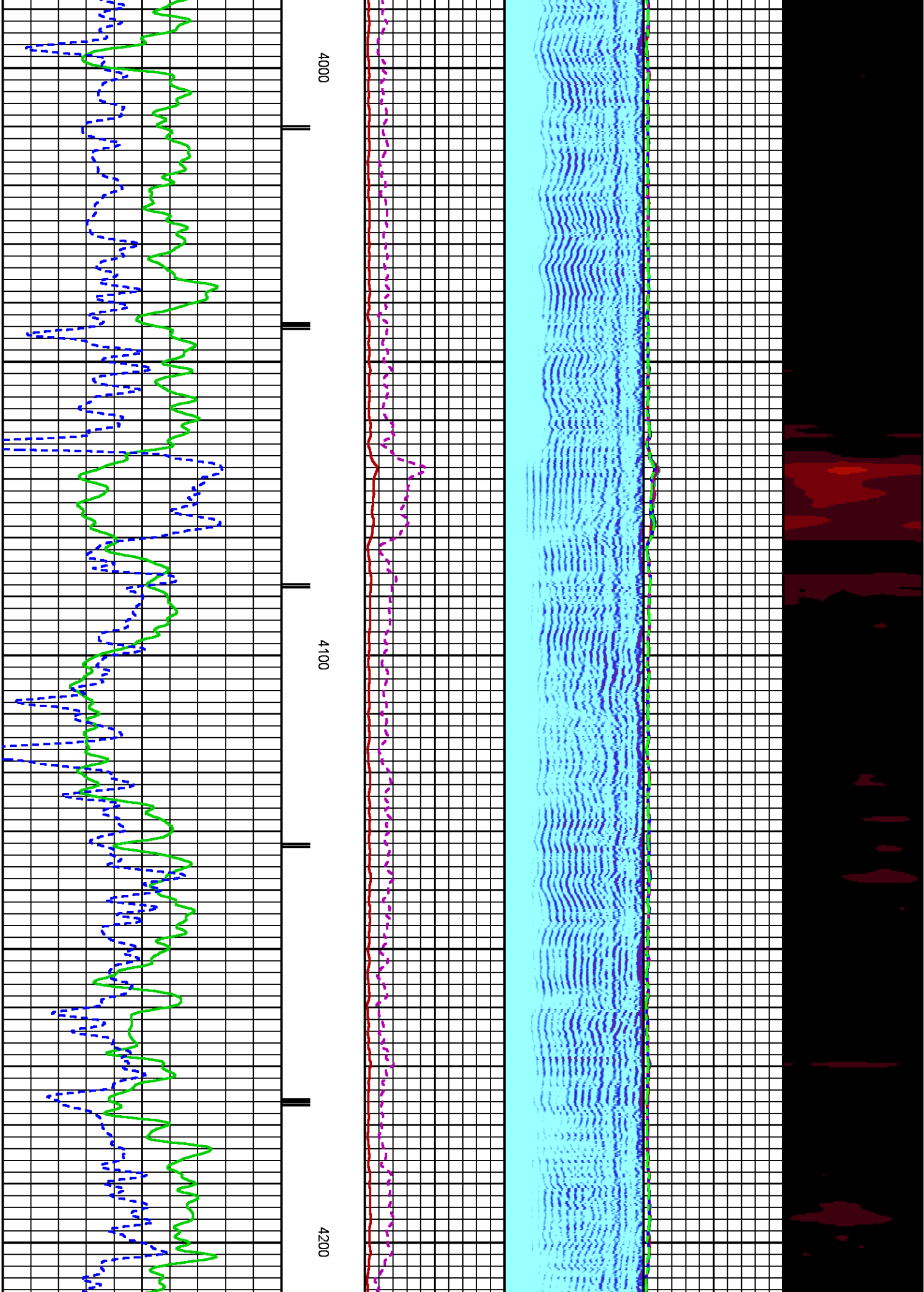


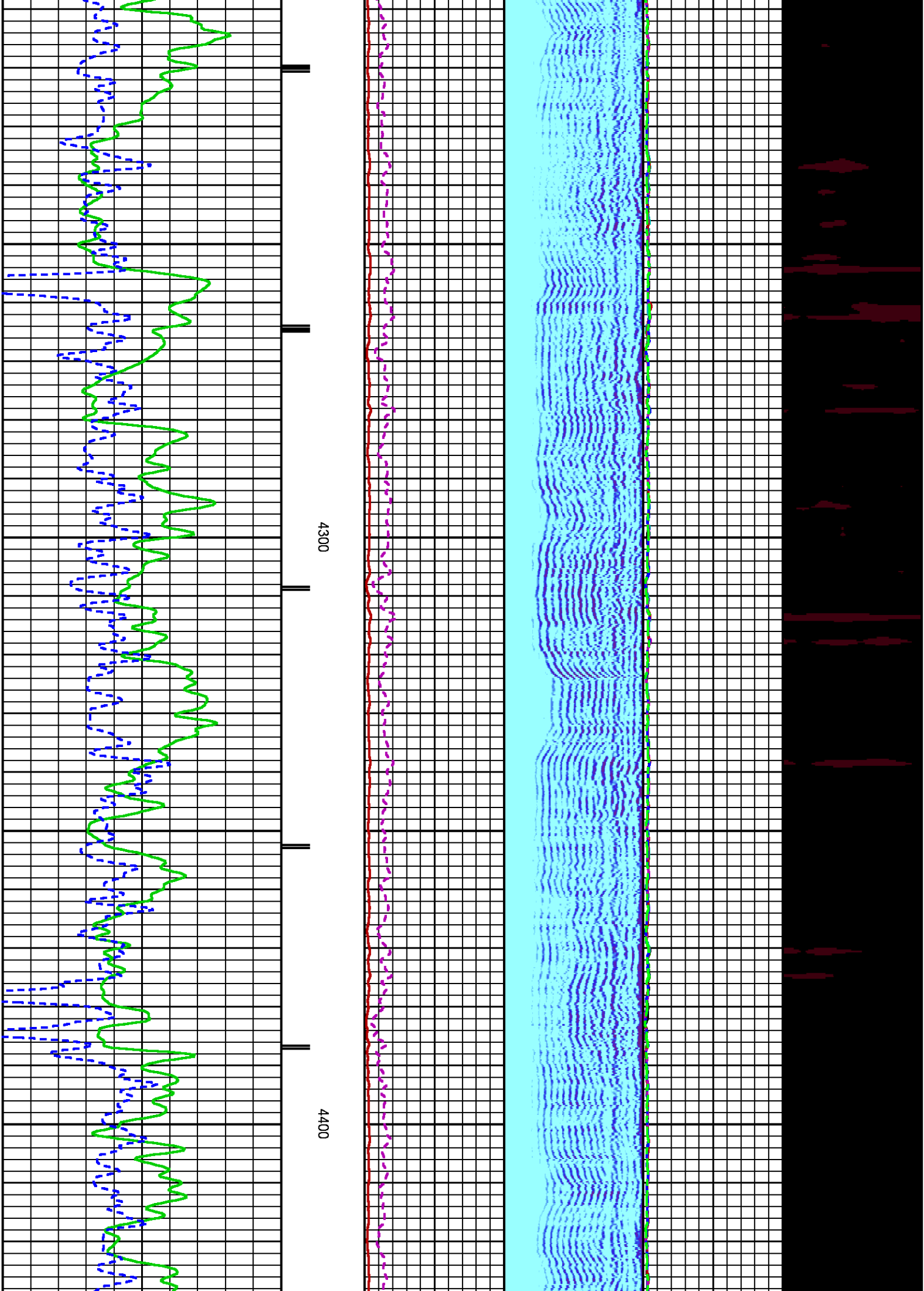


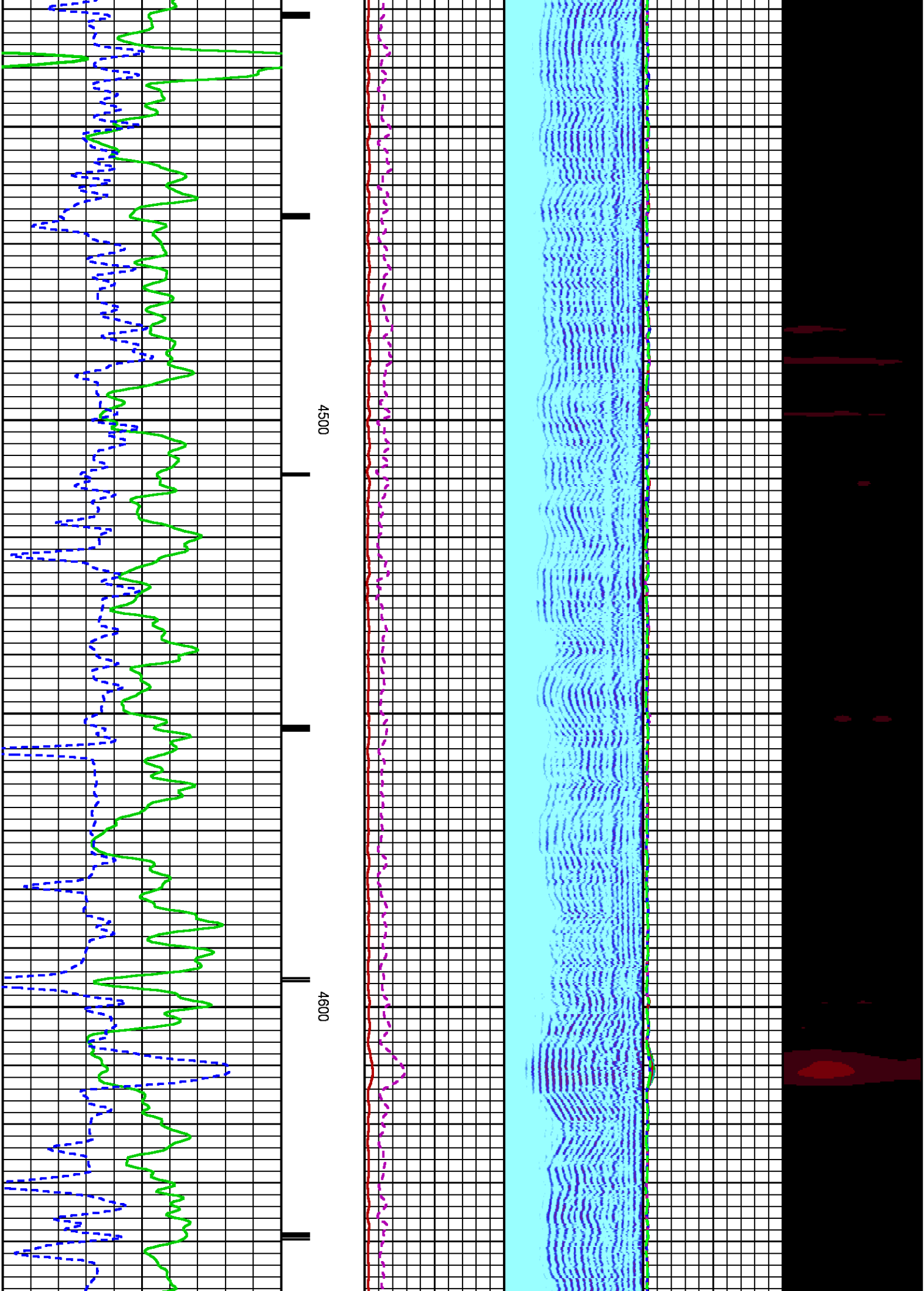


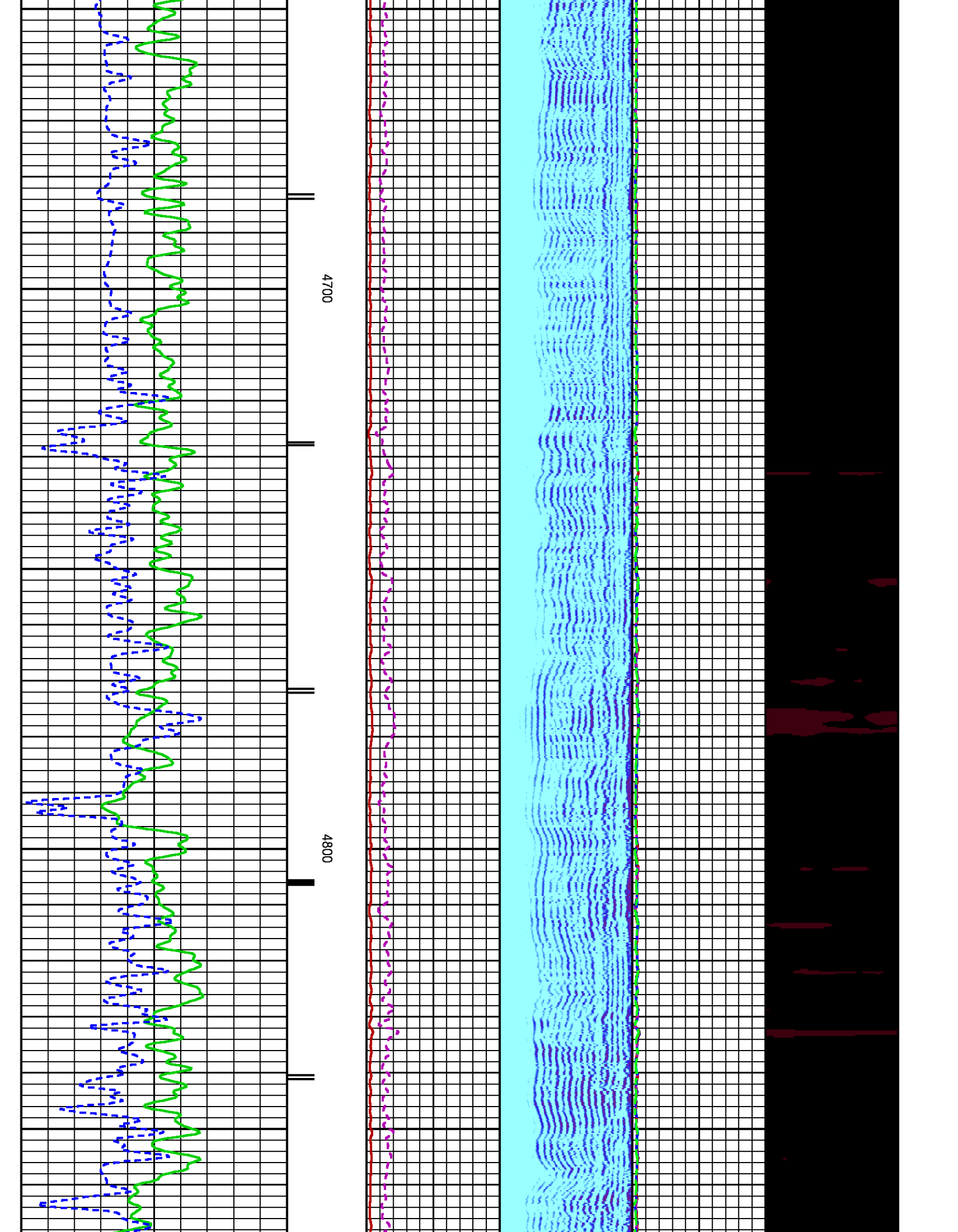


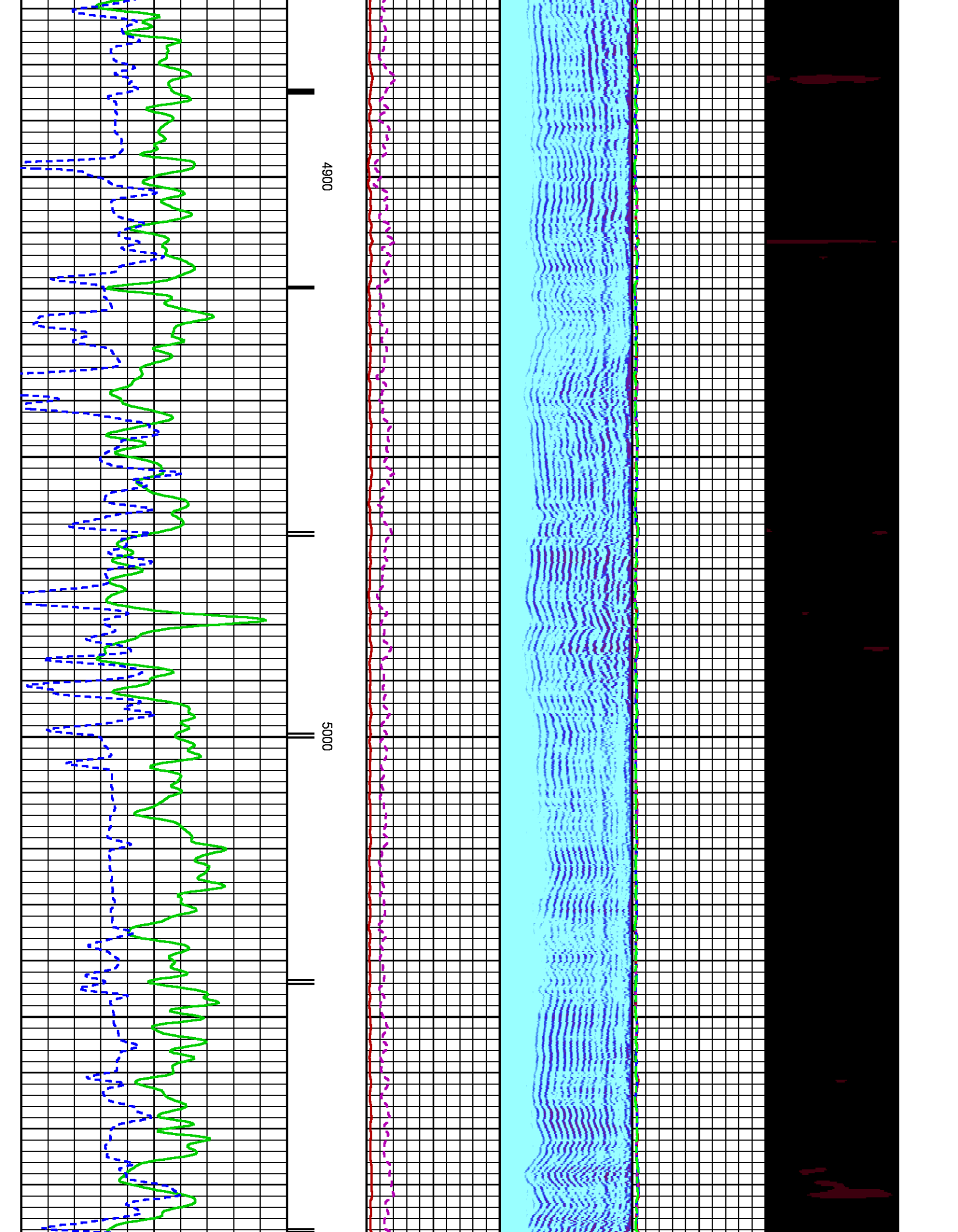


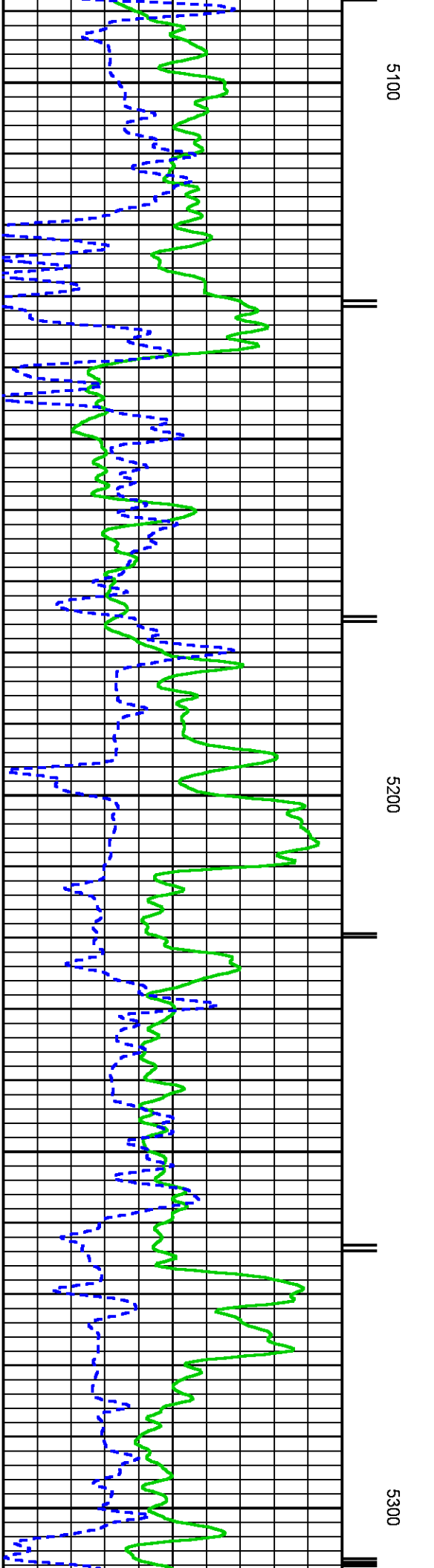
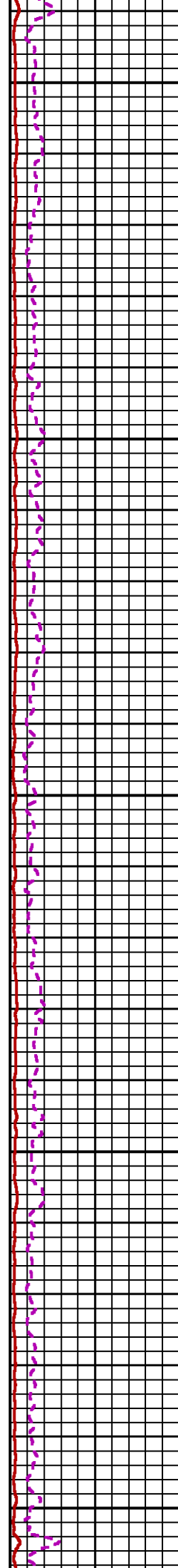
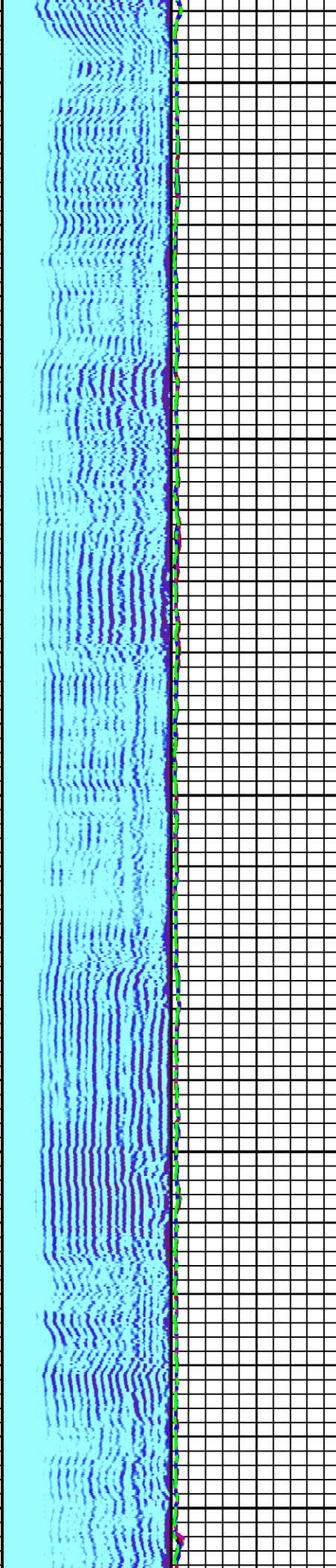


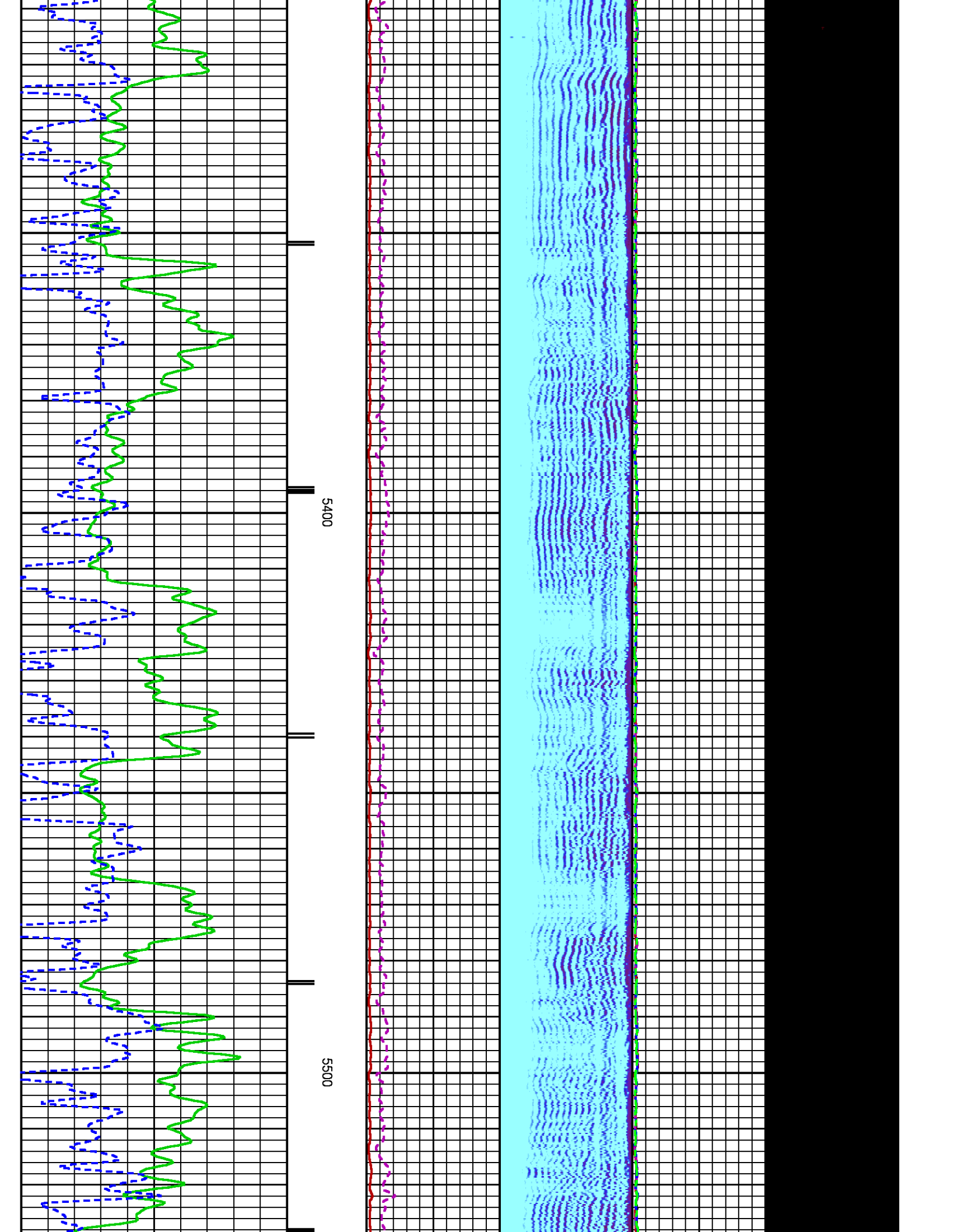


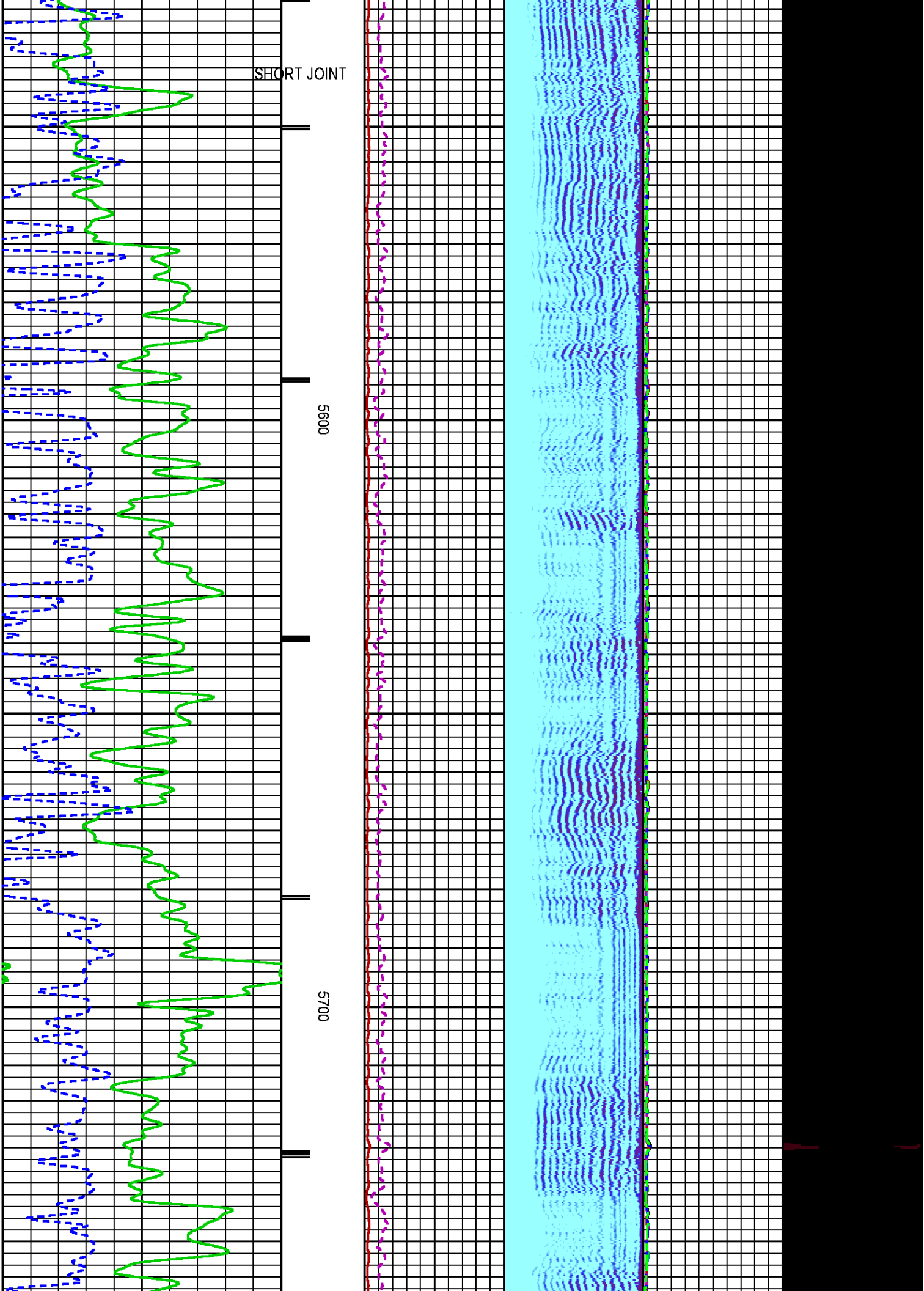


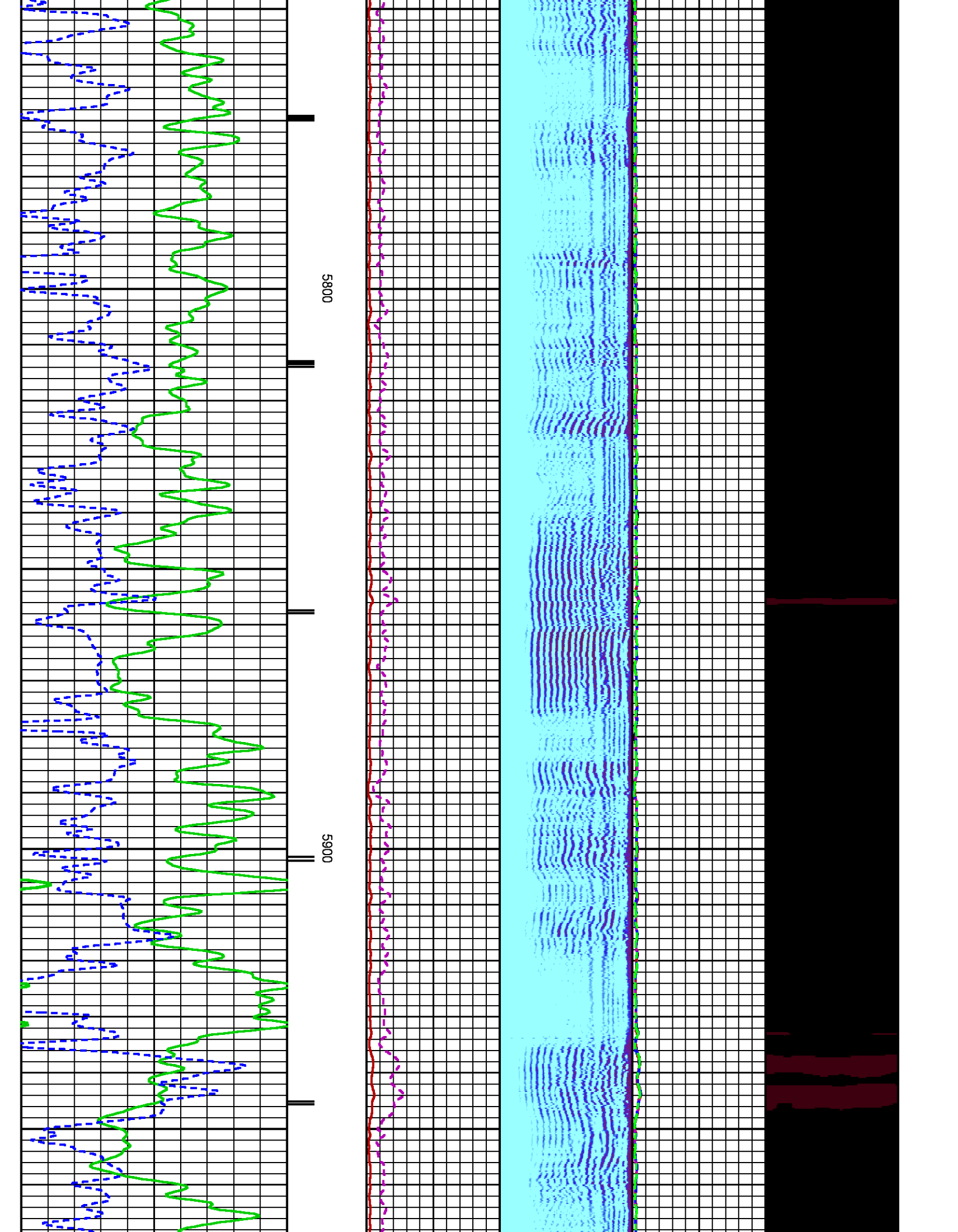


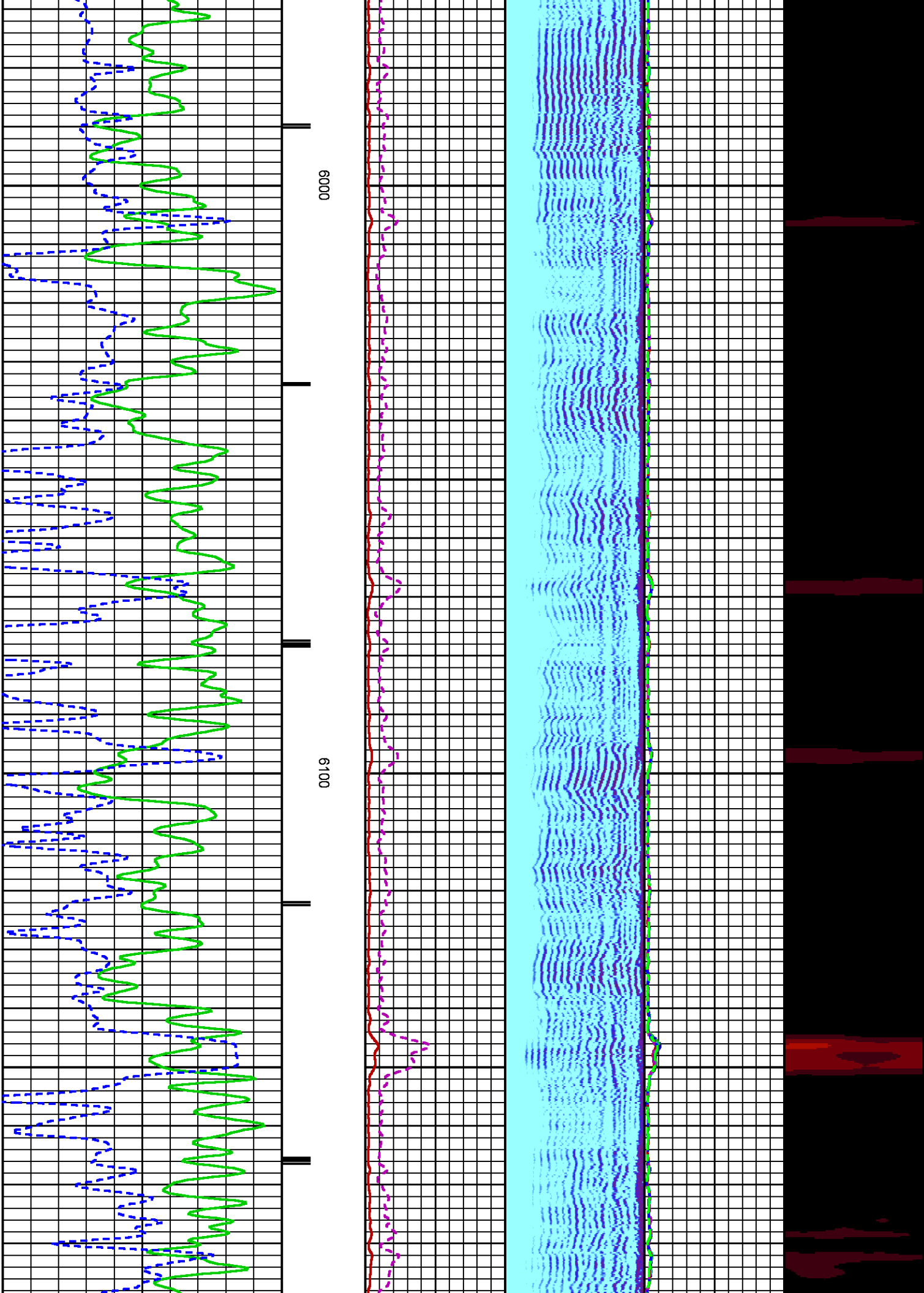


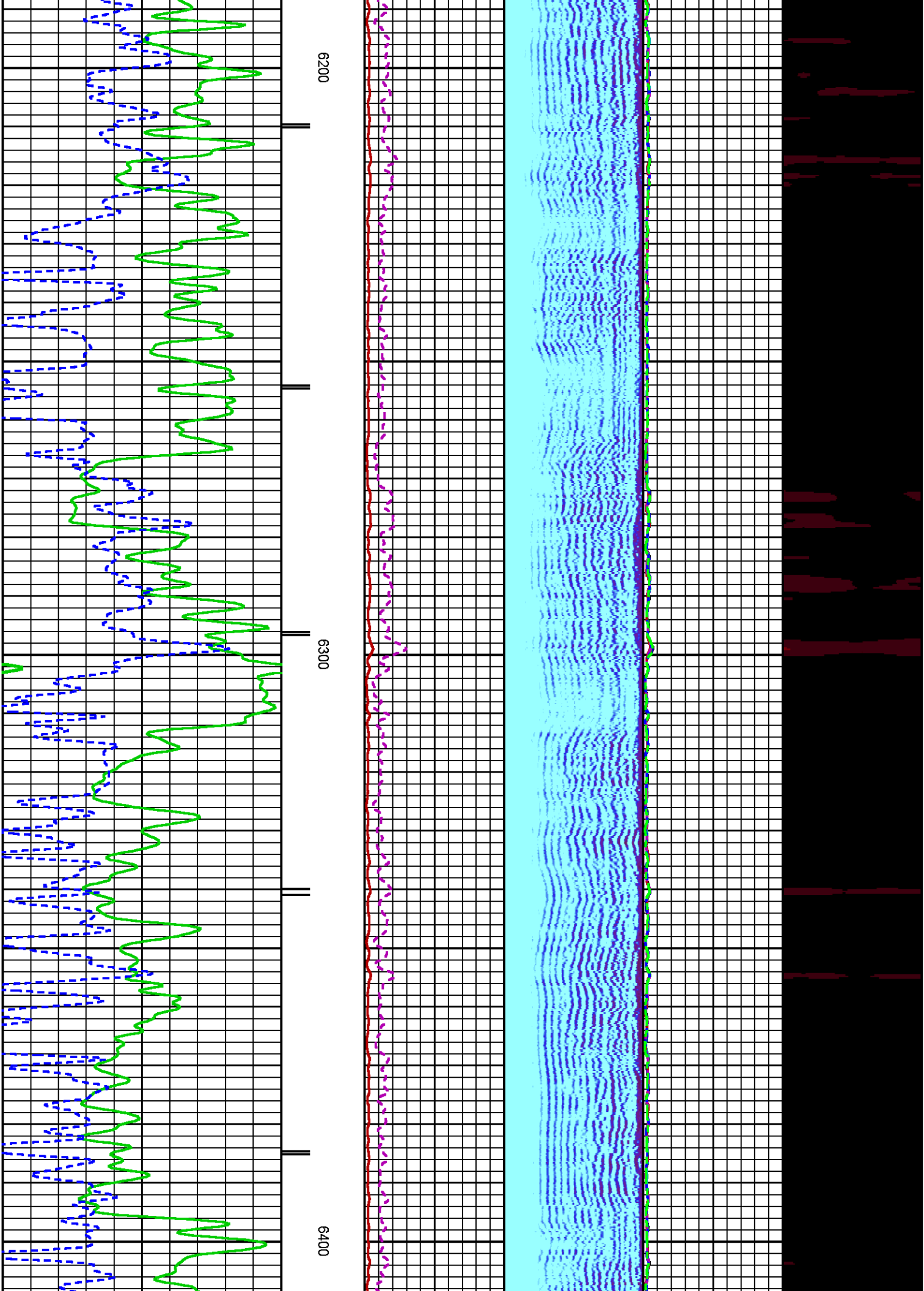


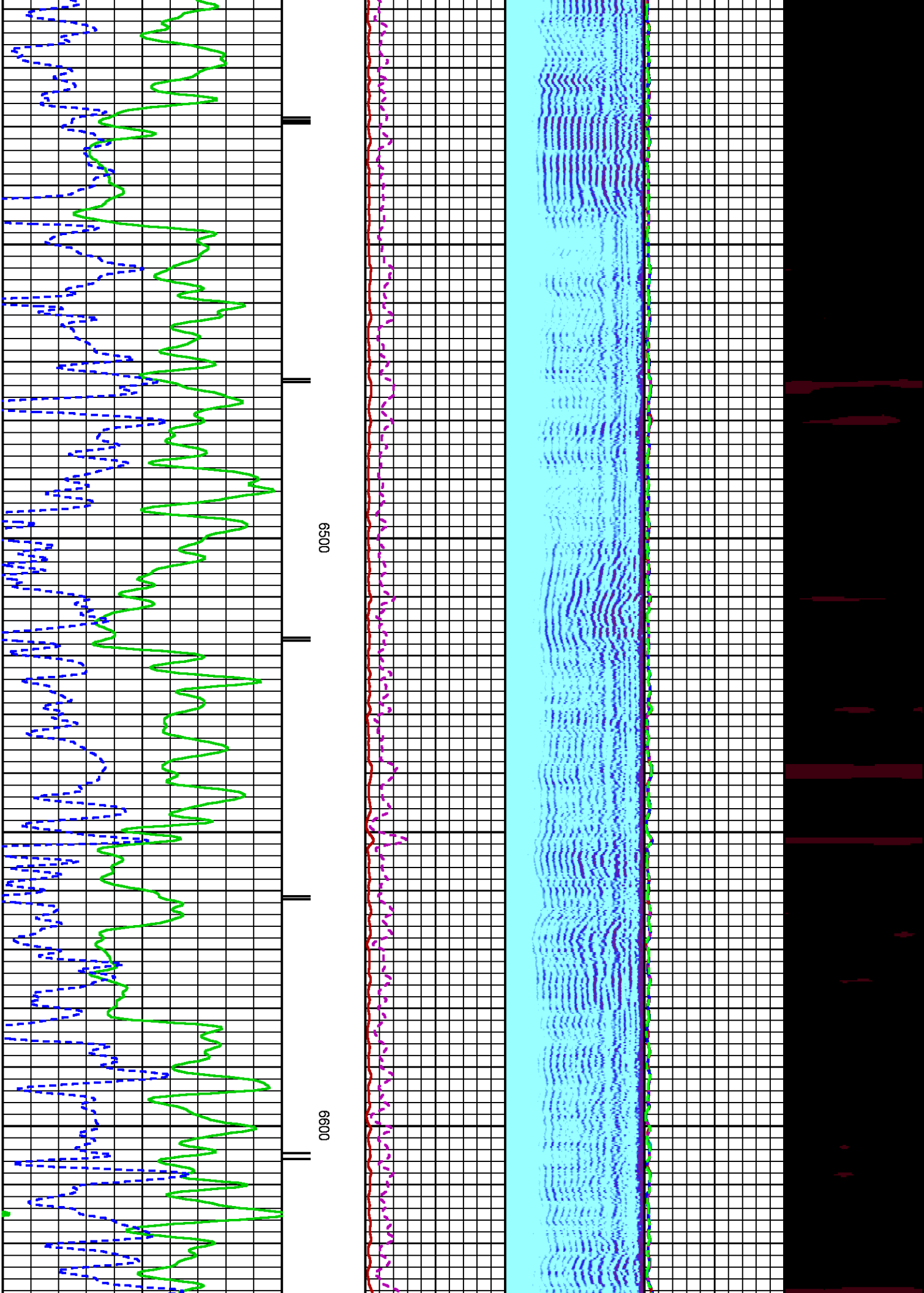


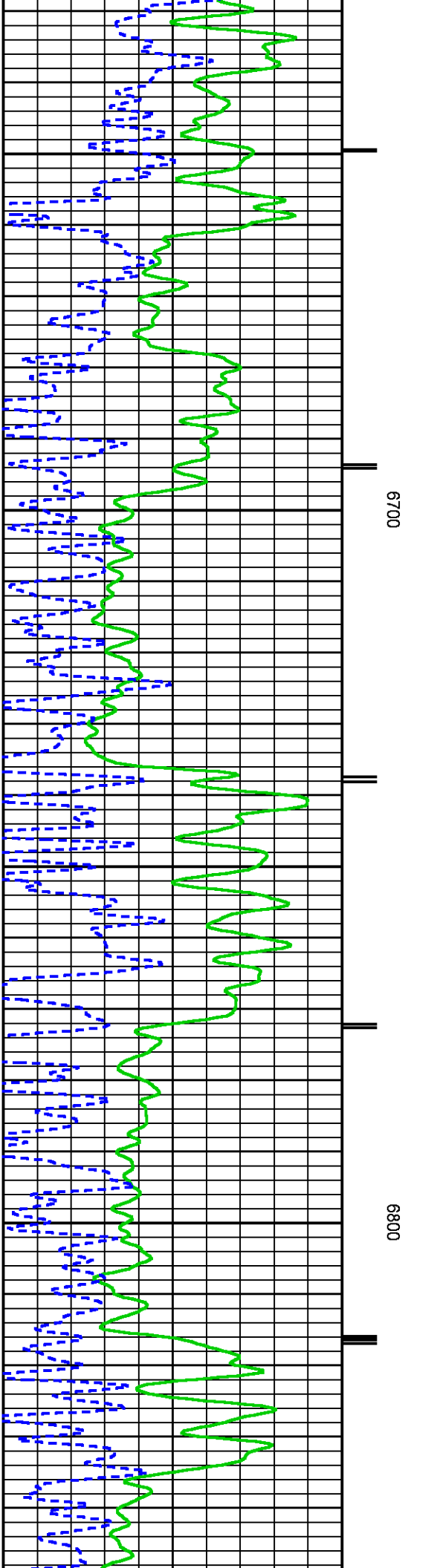
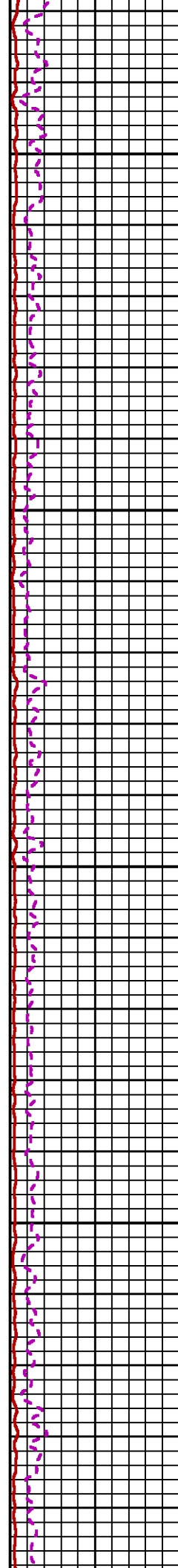
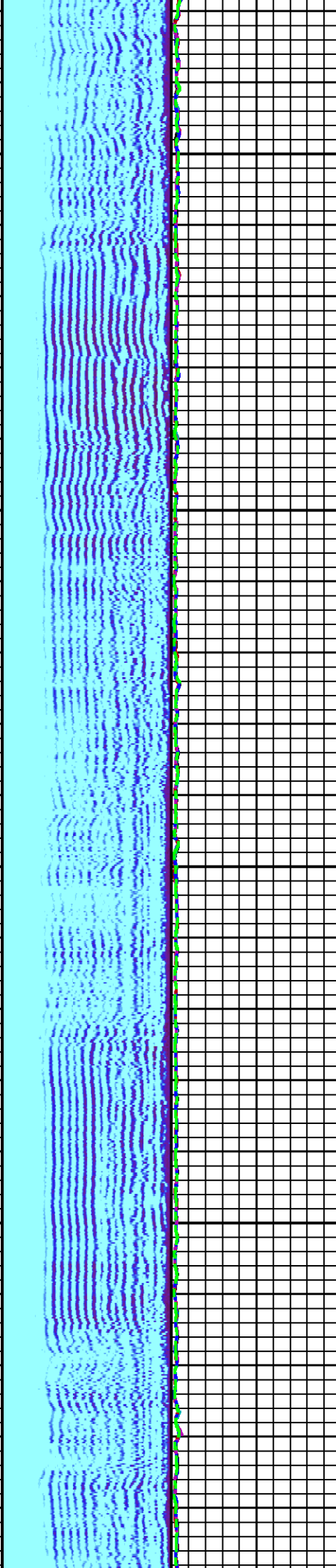
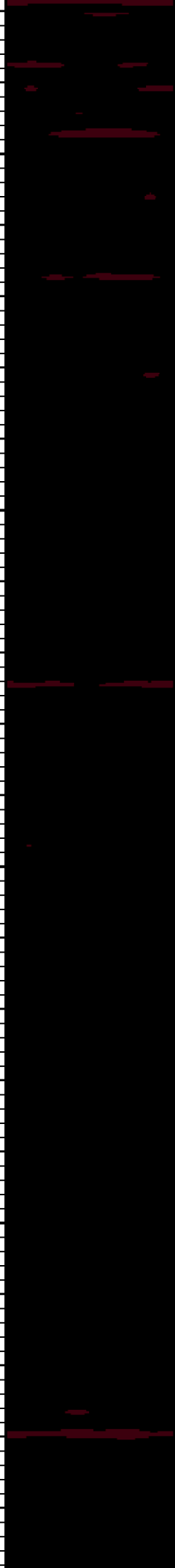


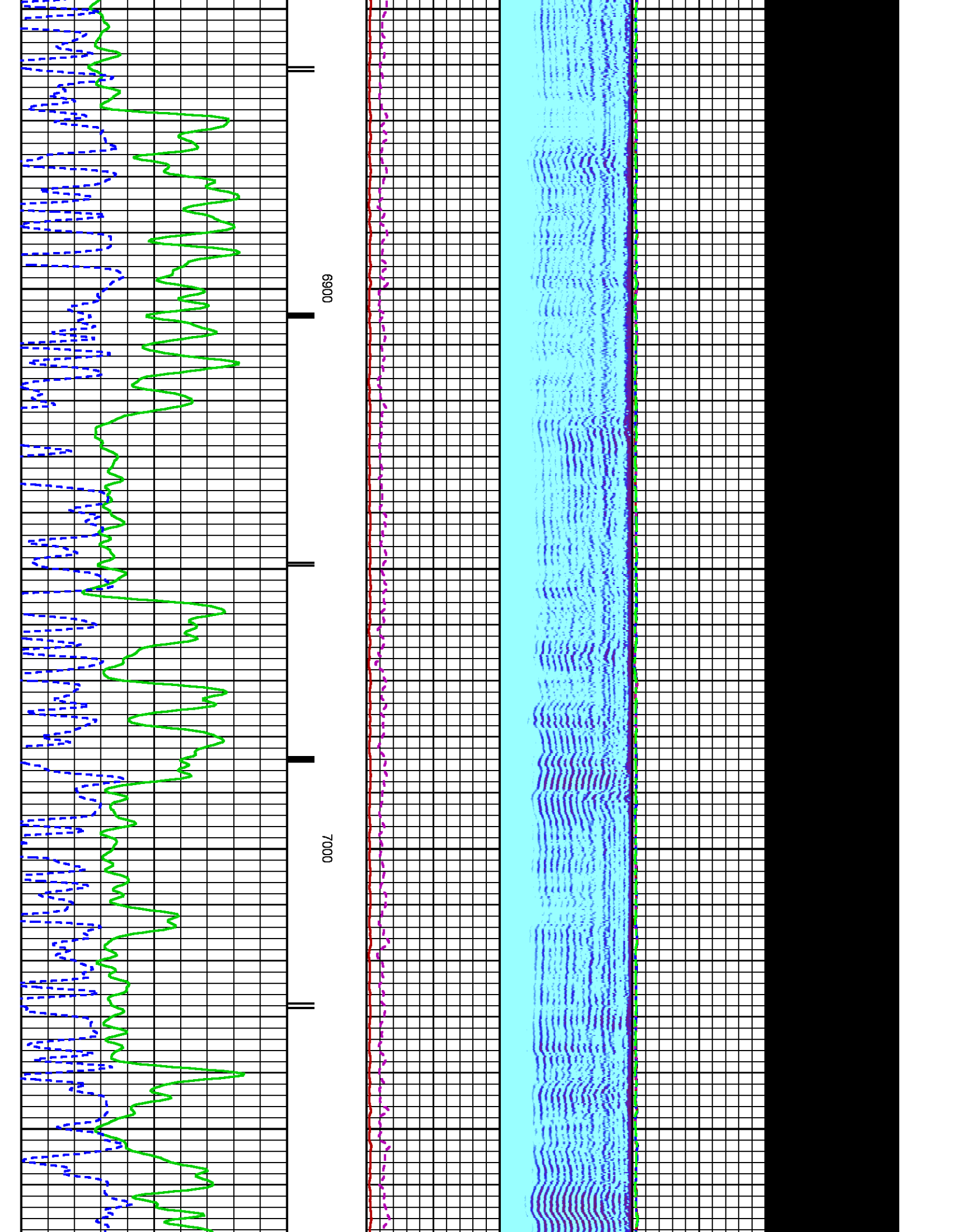


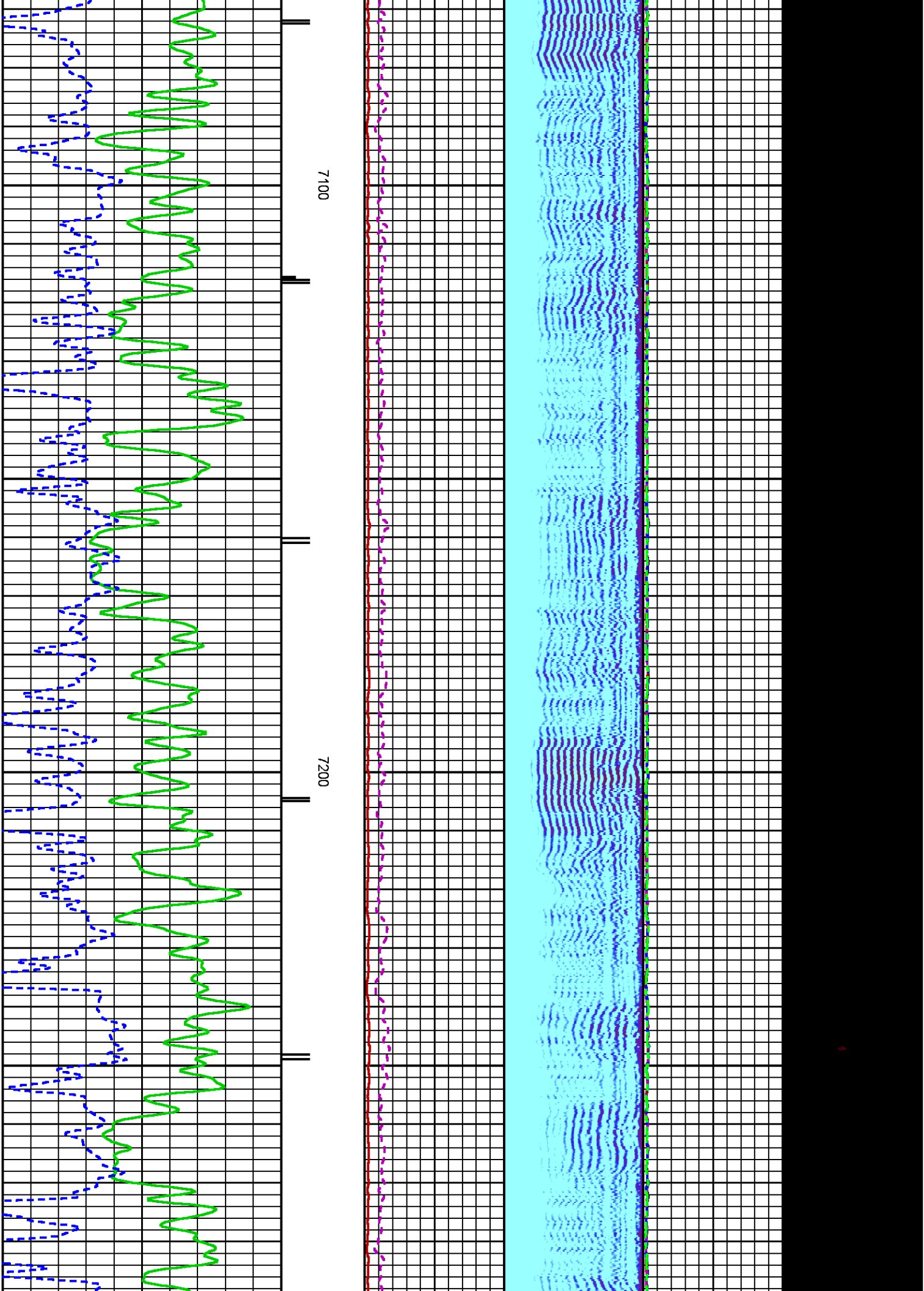


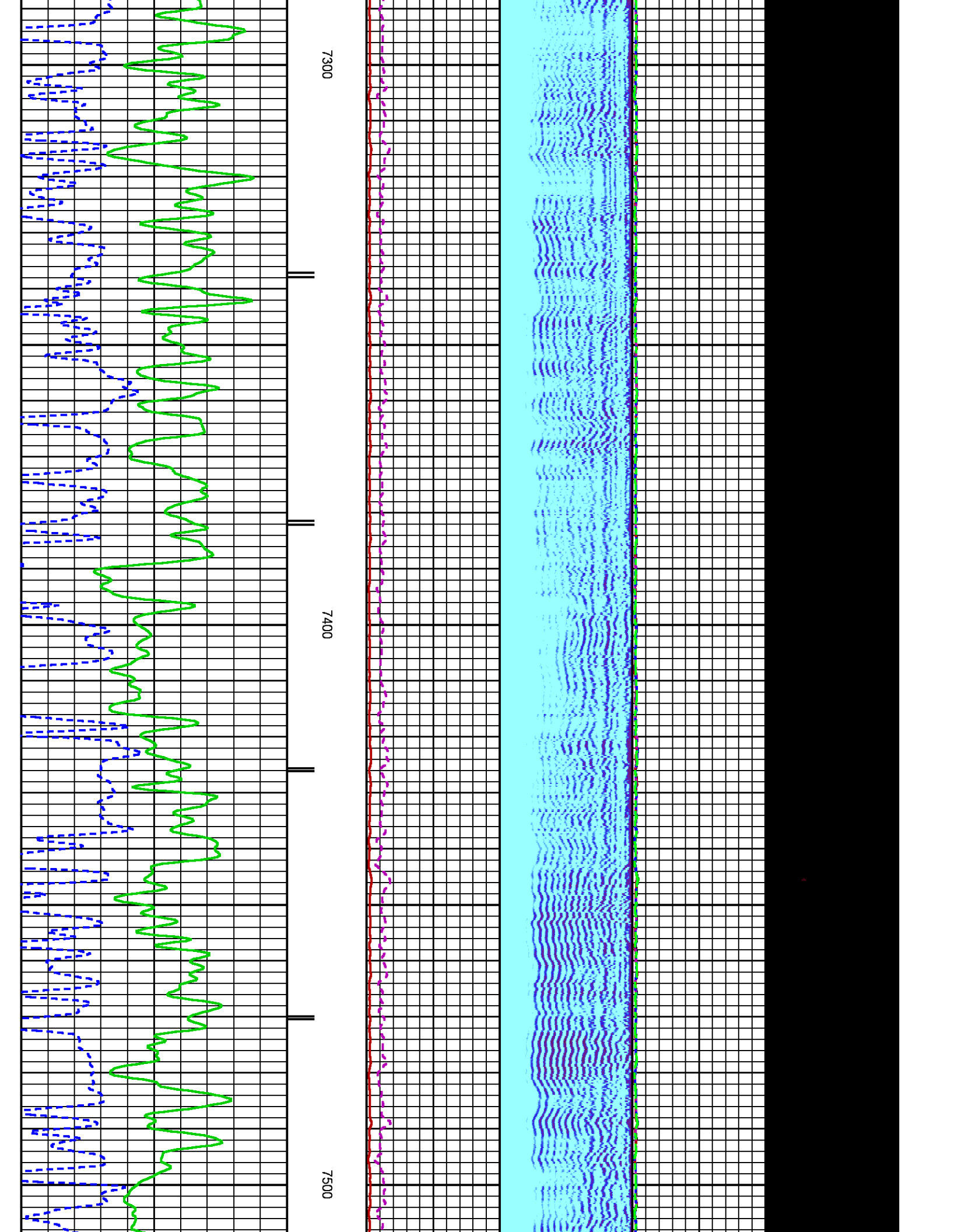


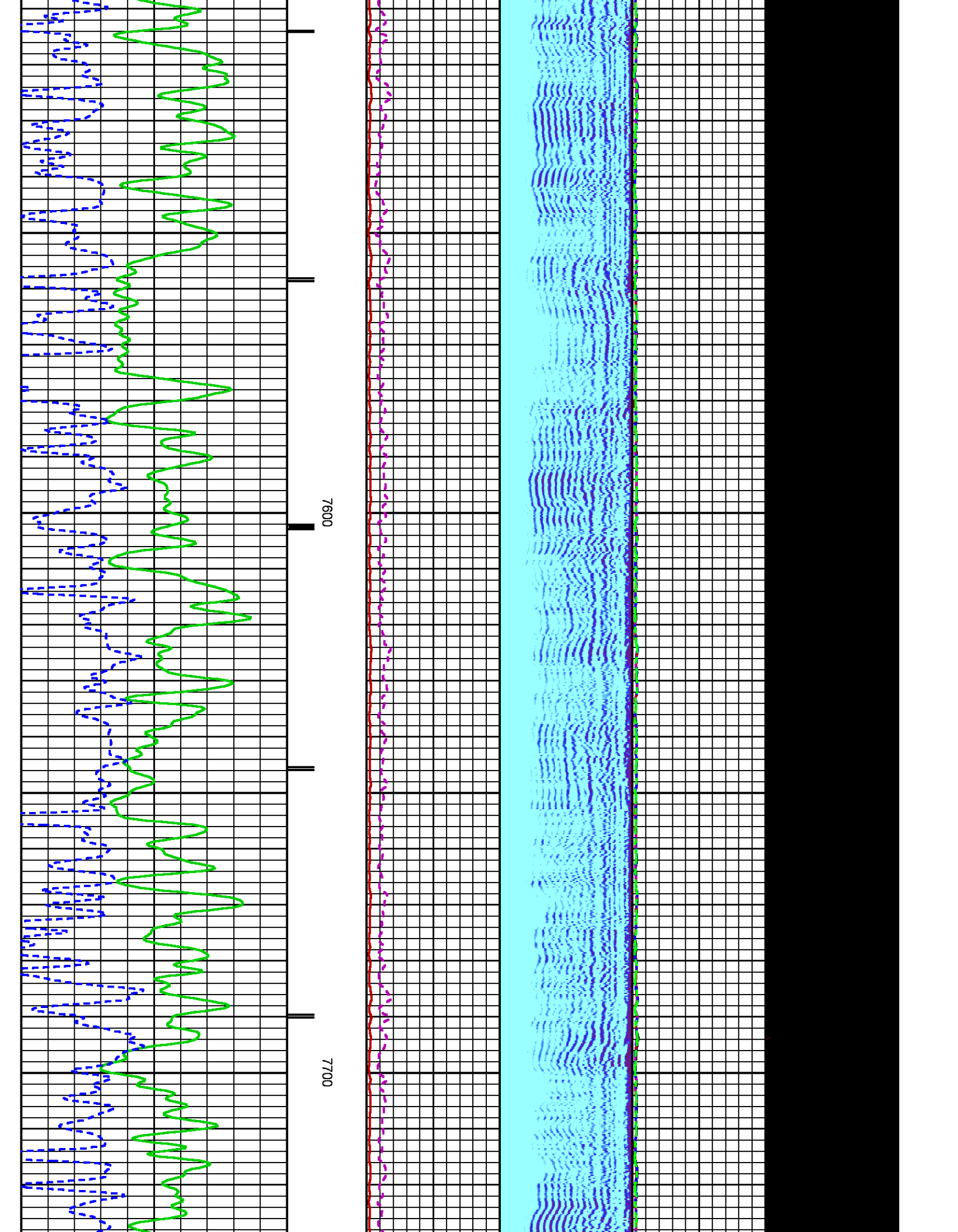


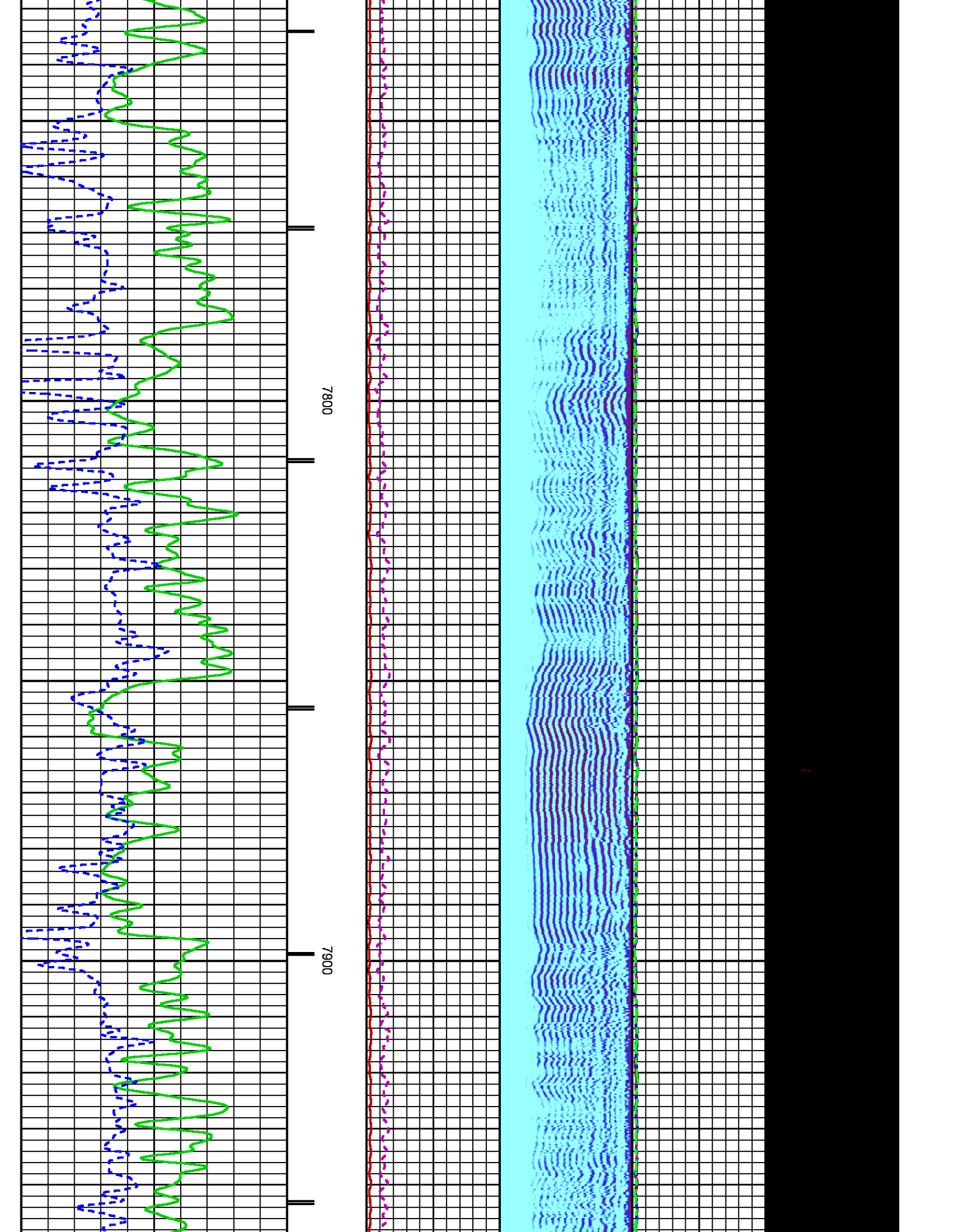


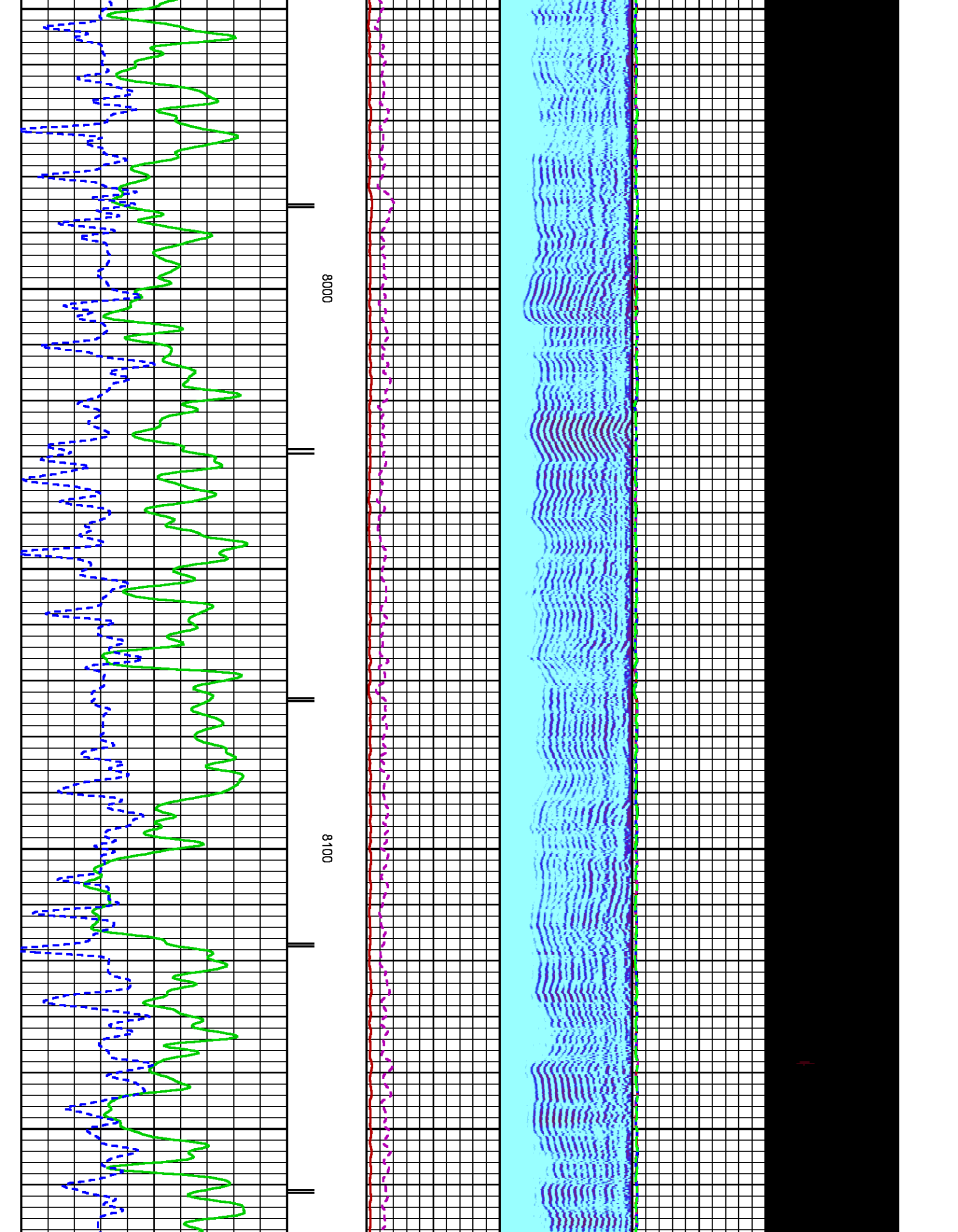


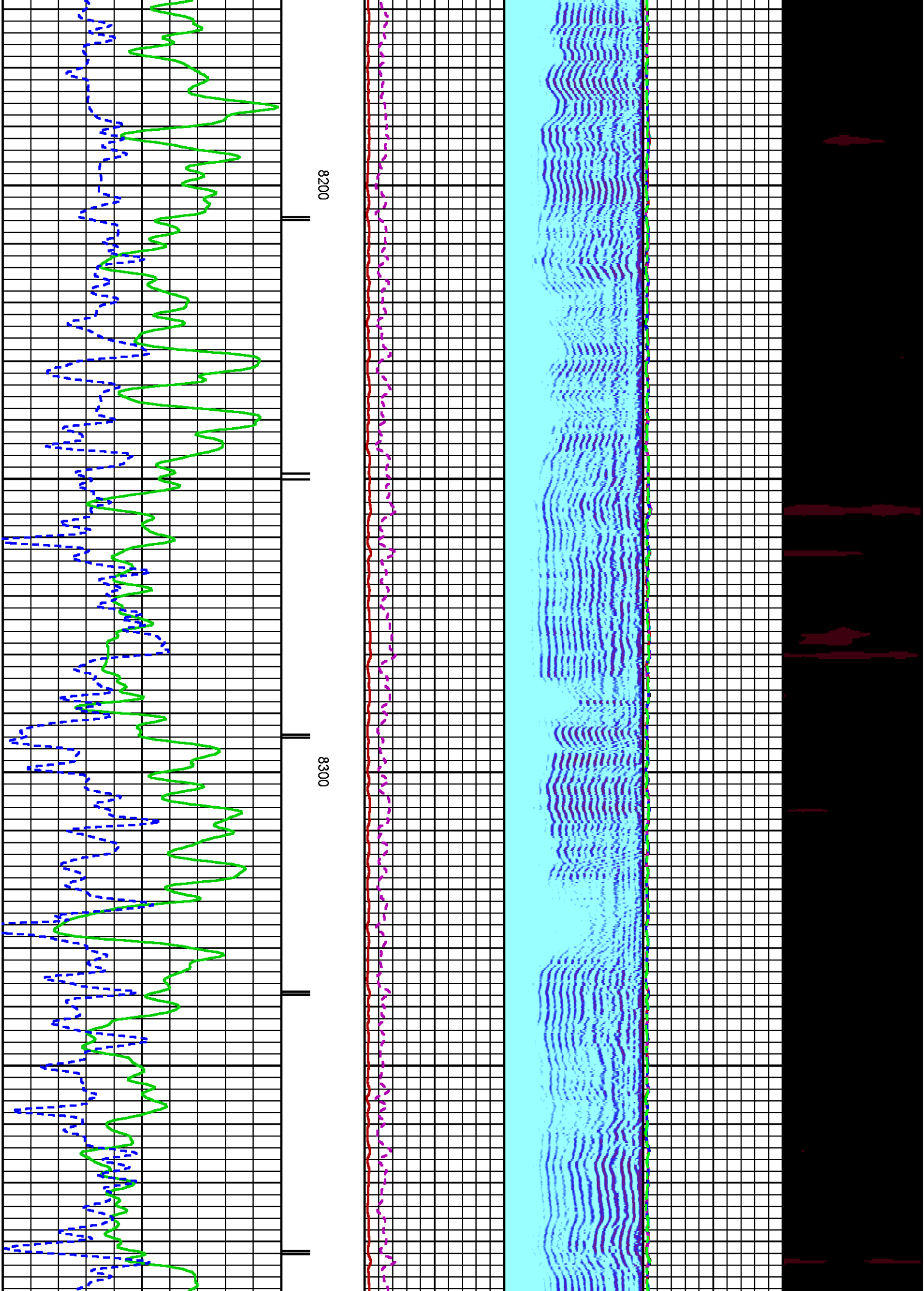


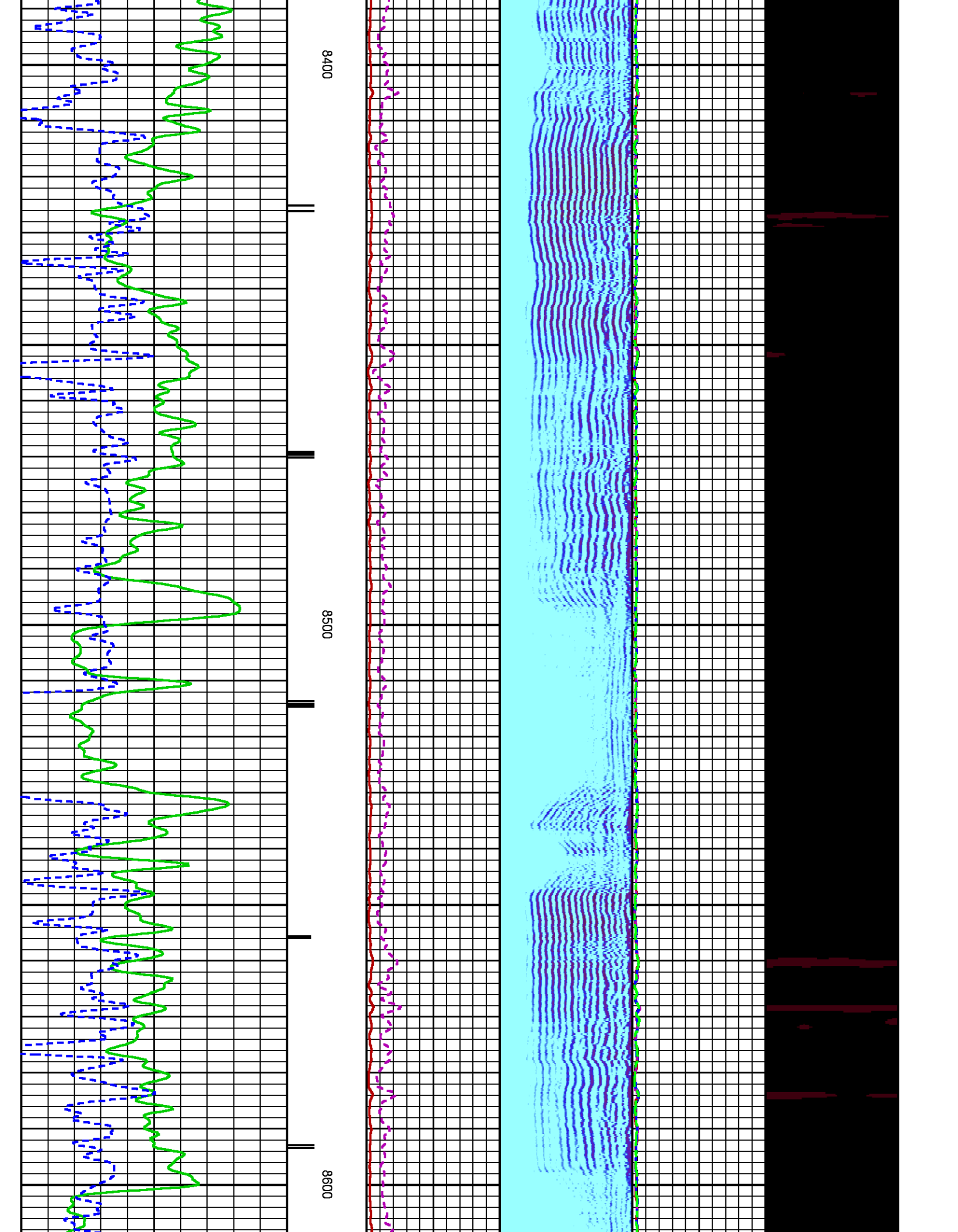


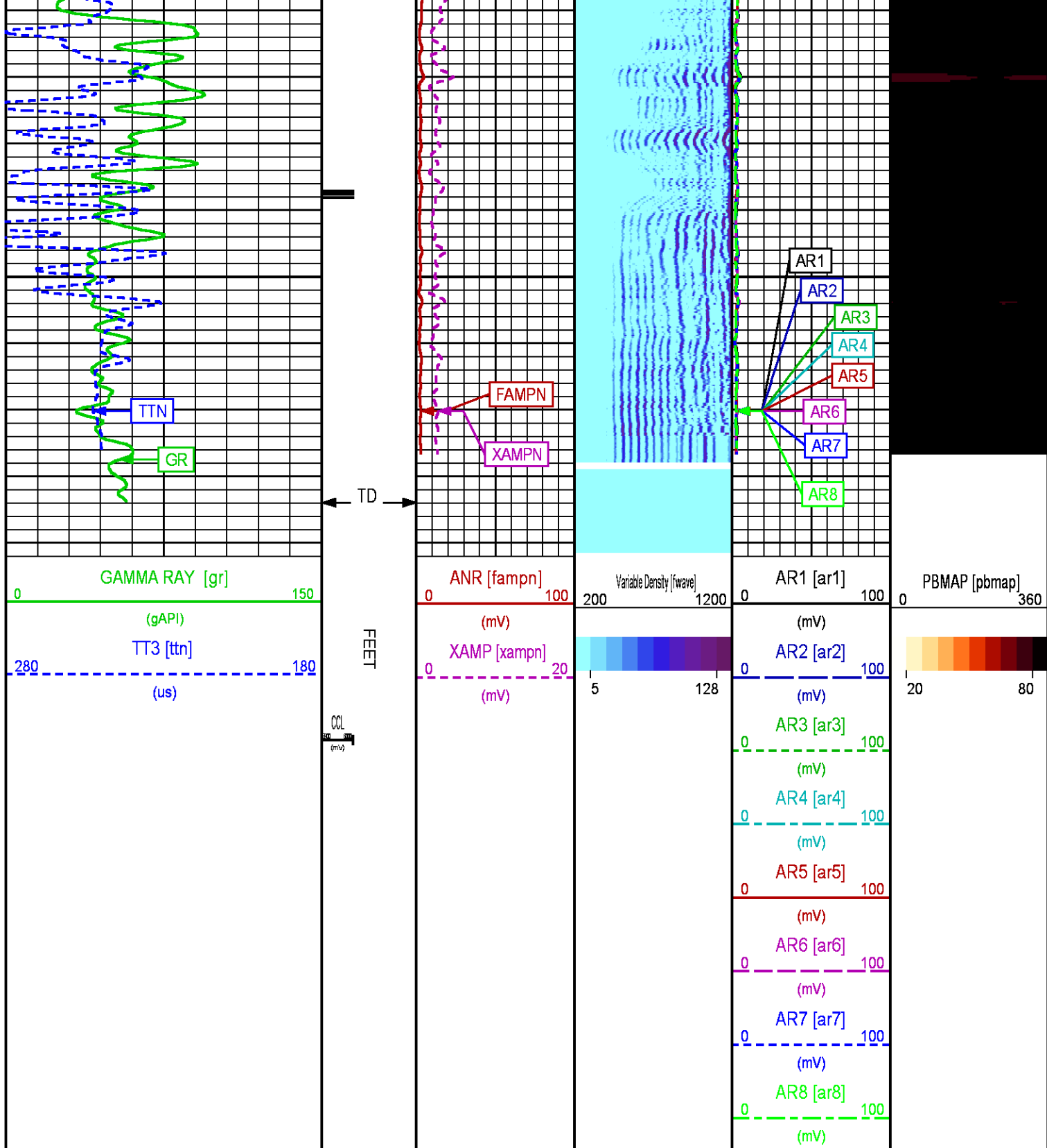












REPEAT LOG 0 PSI

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH093868/n012e01.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 8322.750 ft BOTTOM DEPTH: 8700.750 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*)	187	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	143	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*)	-73	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

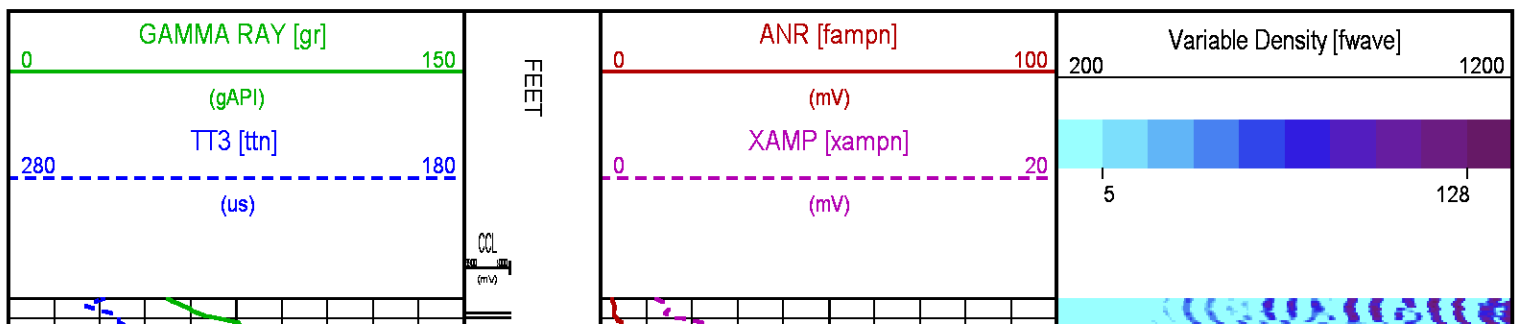
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jan 10 08:18:27 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jan 10 08:18:27 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jan 10 08:18:27 2015	FAR WAVE FORM
F1:GR	Jan 10 08:18:27 2015	GAMMA RAY
F1:TTN	Jan 10 08:18:27 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jan 10 08:18:27 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

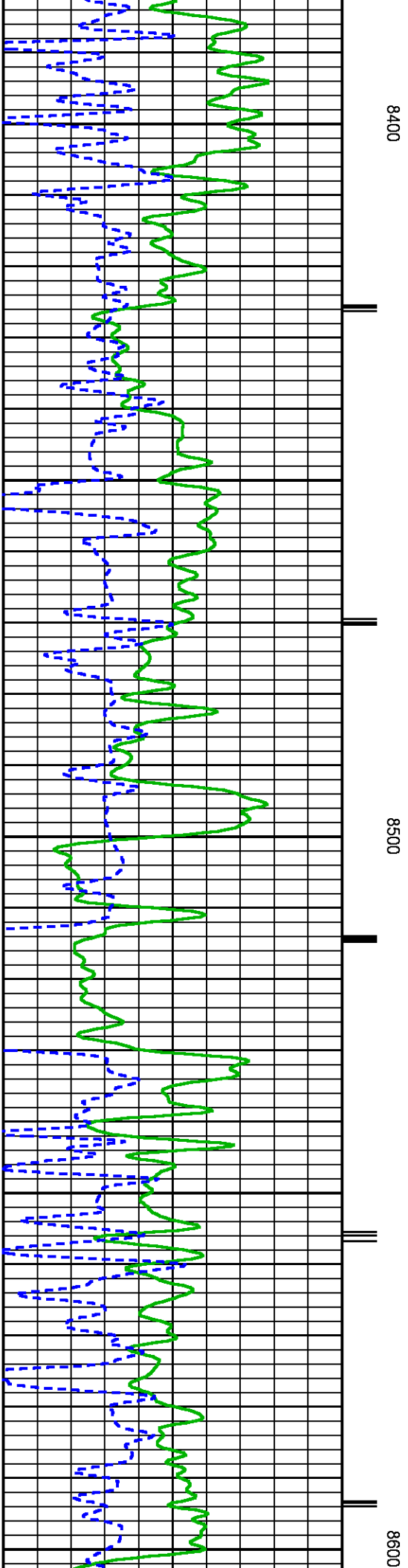
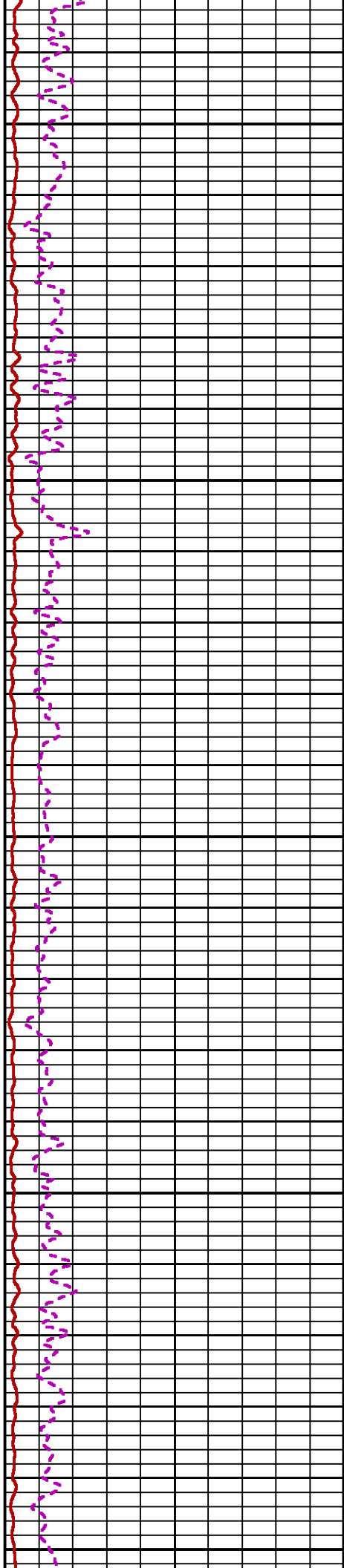
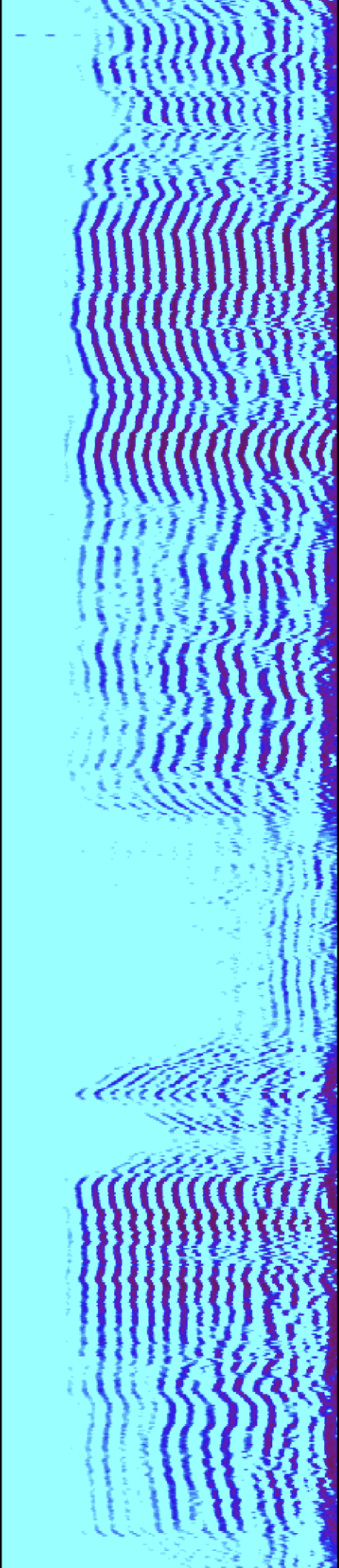
CURVE MEASURE POINT OFFSET

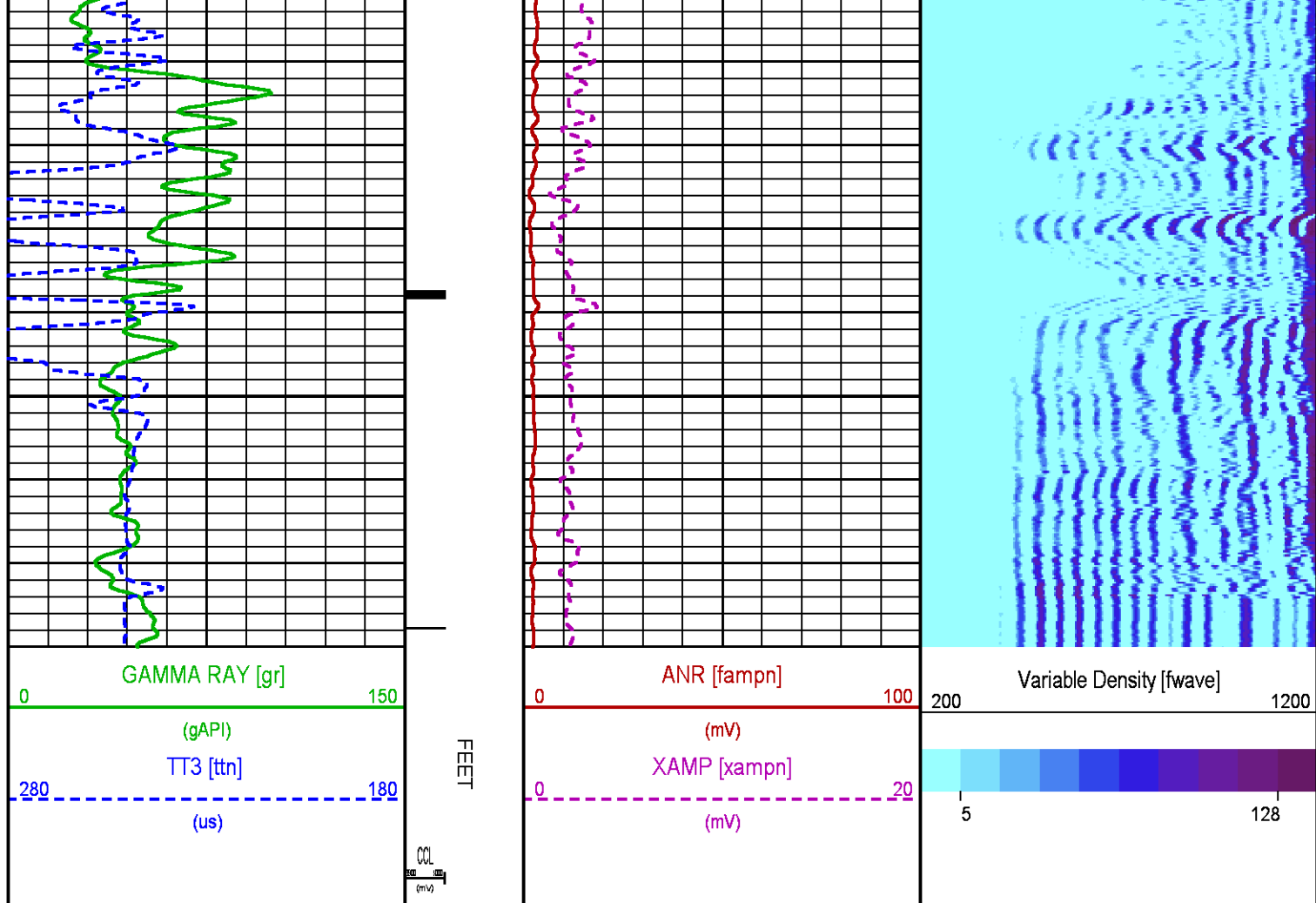
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

Presentation : HL6670:WPX_CBL_REPEAT_PRESENTATION.fvpdf [5"/100' Scale]
 Plot Interval : 8380 - 8680 Feet

Data File 1 : F1 : HL6670:/dat1a/CH093868/nREPEAT.xtf
 Created On : Jan 10 08:18:27 2015
 Company : WPX ENERGY ROCKY MTN LLC
 Well : FEDERAL PA 541-27
 Field : PARACHUTE
 File Interval : 8302.75 - 8695 Feet
 OCT : n012e







CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH093868/n012eF.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10154957

DATE/TIME PERFORMED: Tue Jan 6 08:29:49 2015

UNIT #: 3880TA HL6670

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

	NEAR	R1	R2	R3	R4	R5	R6	R7	R8	FAR	CAL
ZERO (mV)	0.07	-0.08	-0.22	-0.37	0.35	-0.21	-1.25	-0.54	0.29	5.49	-0.01
AMP FLUID (mV)	325	324	323	322	320	326	326	327	324	449	322
TT (us)	217	217	216	216	216	216	216	216	218	325	217
M FACTOR	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.34	0.31

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10154957

DATE/TIME PERFORMED: Sat Jan 10 07:46:31 2015

DAYS SINCE CAL: 3

UNIT #: 3880TA HL6670 CABLE #: Z06670 SMALLCBL

	NEAR (mV)	R1 (mV)	R2 (mV)	R3 (mV)	R4 (mV)	R5 (mV)	R6 (mV)	R7 (mV)	R8 (mV)	FAR (mV)	CAL (mV)
ZERO	-1.10	-1.47	-1.47	-1.43	-1.45	-1.39	-1.45	-1.35	-1.31	-1.74	0.00
AMP AIR	1.39	2.05	1.77	1.75	1.69	1.59	1.72	1.74	1.73	2.27	100.56

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
0.31	0.00	0.99

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 2459XA 10218503

DATE/TIME PERFORMED: Mon Jan 5 08:30:43 2015

UNIT #: 3880TA HL6670

CALB JIG #: 4702NK DA-041

	BACKGROUND CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	106.27	365.91	0.713	75.72	260.72
					185

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 2459XA 10218503

DATE/TIME PERFORMED: Mon Jan 5 08:31:53 2015

UNIT #: 3880TA HL6670

VERI JIG #: 4702NK DA-041

	BACKGROUND CALBRTR ON (cts)	MULT	BACKGROUND CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	105.73	0.713	75.34	182.05
				175.00 195.00

GR AFTER LOG VERIFICATION SUMMARY

NOT IN DATABASE

INSTRUMENT CONFIGURATION

Source File: /dat1a/CH093868/n012e~F.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'

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'

CCL 8.65'

GR 6.79'

NEU 1.40'

0.00'



COMPANY	WPX ENERGY ROCKY MTN LLC		FILE NO:	US093868
WELL	FEDERAL PA 541-27		API NO:	05045222440000
FIELD	PARACHUTE			
COUNTY	GARFIELD	STATE	CO	
LOCATION:		ELEVATIONS:	S27 T6S R95W	
SHL: 2360' FNL; 658' FEL		KB 5882 FT	PAD: DOE 2-W-27	
BHL: 1301' FNL; 2189' FEL		DF	RIG: NABORS 576	
GL 5856 FT				
SEC 27	TWP 6S	RGE 95W	DATE	10-Jan-2015