



FILE NO: CH087281	COMPANY WPX ENERGY INC
API NO: 05045219920000	WELL Savage RWF 43-25
	FIELD RULISON
	COUNTY GARFIELD
	STATE CO
Ver. 3.87 S25 T6S R94W PAD: RWF 43-25 NABORS 577	LOCATION: SHL: 1192' FSL 1382' FEL BHL: 2483' FSL 627' FEL SEC 25 TWP 6S RGE 94W
PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	OTHER SERVICES RPM ELEVATIONS: KB 6260 FT DF GL 6234 FT

DATE	28-Jun-2014
RUN	1
TRIP	1
SERVICE ORDER	US087281
DEPTH DRILLER	9032 FT
DEPTH LOGGER	9017 FT
BOTTOM LOGGED INTERVAL	9007 FT
TOP LOGGED INTERVAL	26 FT
TIME STARTED	07:30
TIME FINISHED	11:00
OPERATOR RIG TIME	3.5
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	86 FT
LOGGED CEMENT TOP	NA
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	65 F/MN
MAX. RECORDED TEMP.	218 DEGF
REFERENCE LOG	NA
REFERENCE LOG DATE	NA
EQUIP. NO.	6670
LOCATION	GRAND JCT
RECORDED BY	D SMITH
WITNESSED BY	C APPEGATE

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	1130 FT
8.75 IN	1130 FT	9040 FT

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN	32.2 LB/F		0 FT	1130 FT
4.5 IN	11.6 LB/F		1130 FT	9040 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 +10.0 FT

TOP OF WELL HEAD AT GROUND LEVEL

LOGGED WITH 0 PSI AT WELL HEAD

BHT: 218 DEGREES

SJ: 5642' TO 5663'

THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE SERVICES

CREW: SMITH/COATE/OLSON

EQUIPMENT DATA

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

PRIMARY PRESENTATION 0 PSI

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

Updates: 1

Plotted: Wed Jul 2 19:55:20 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/CH087281/n012e02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 25.500 ft BOTTOM DEPTH: 9019.000 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

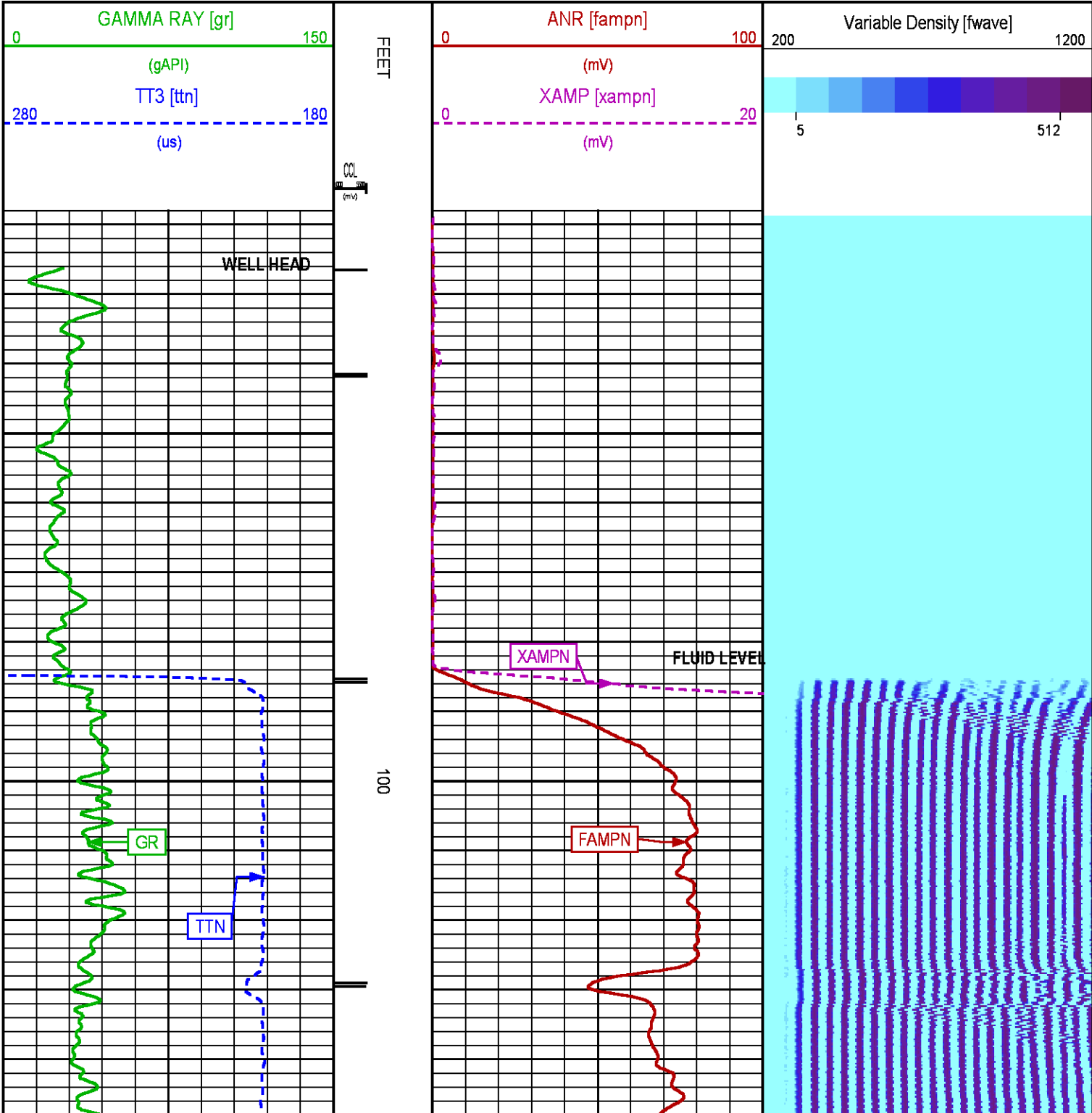
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	205	us	TOP	BOTTOM
	AMP WINDOW LENGTH	30	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	160	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-63	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

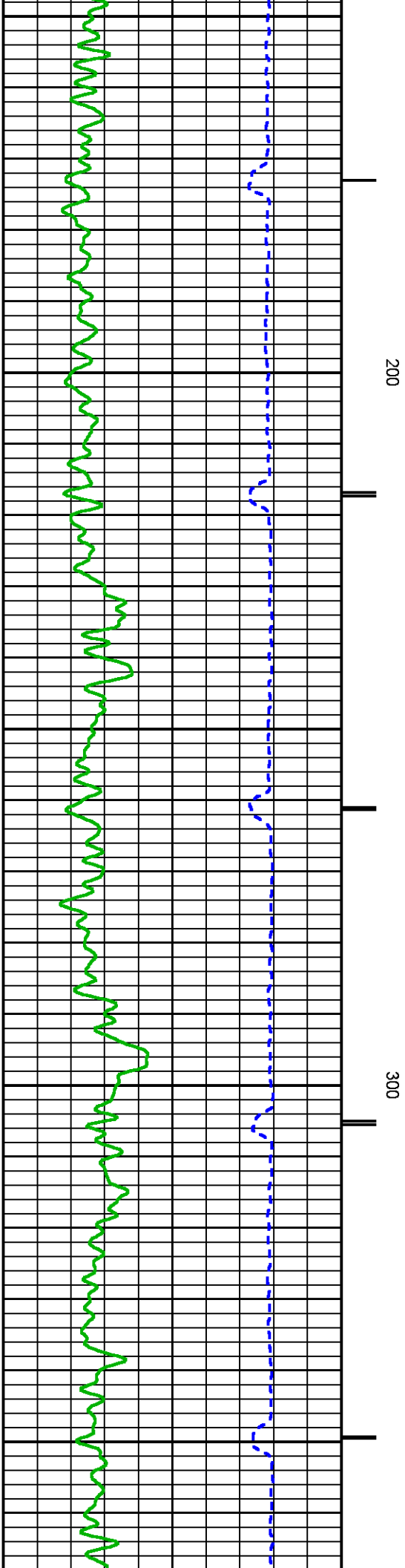
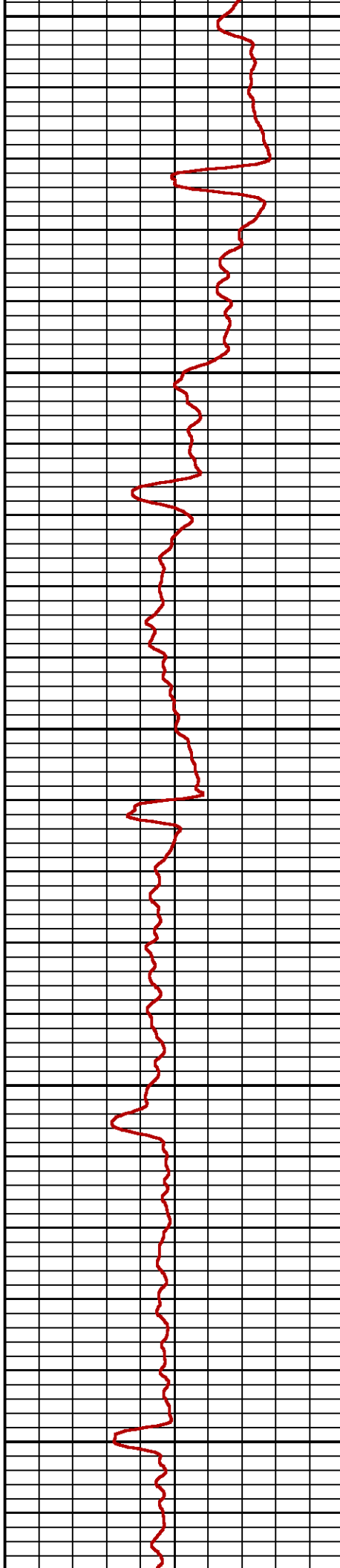
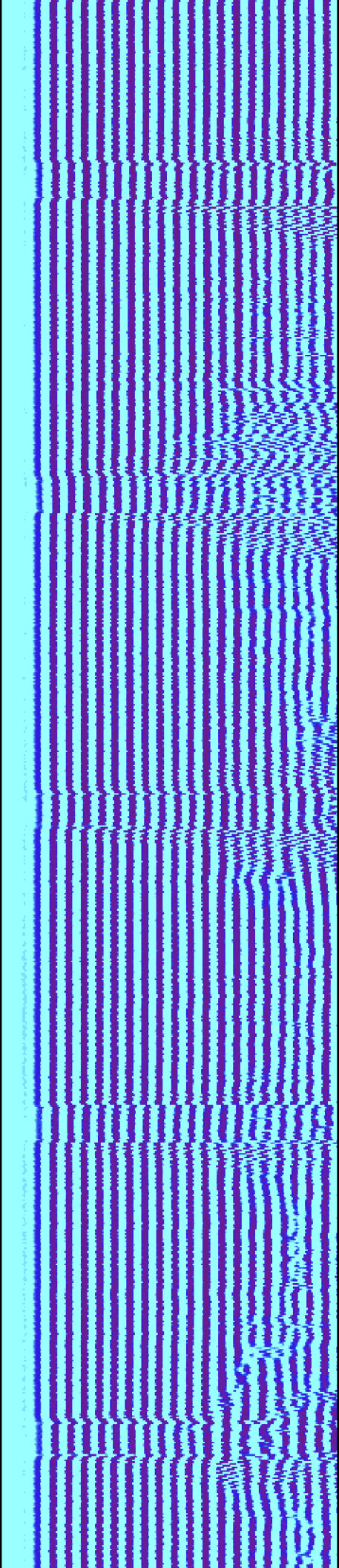
CURVE DESCRIPTION REPORT

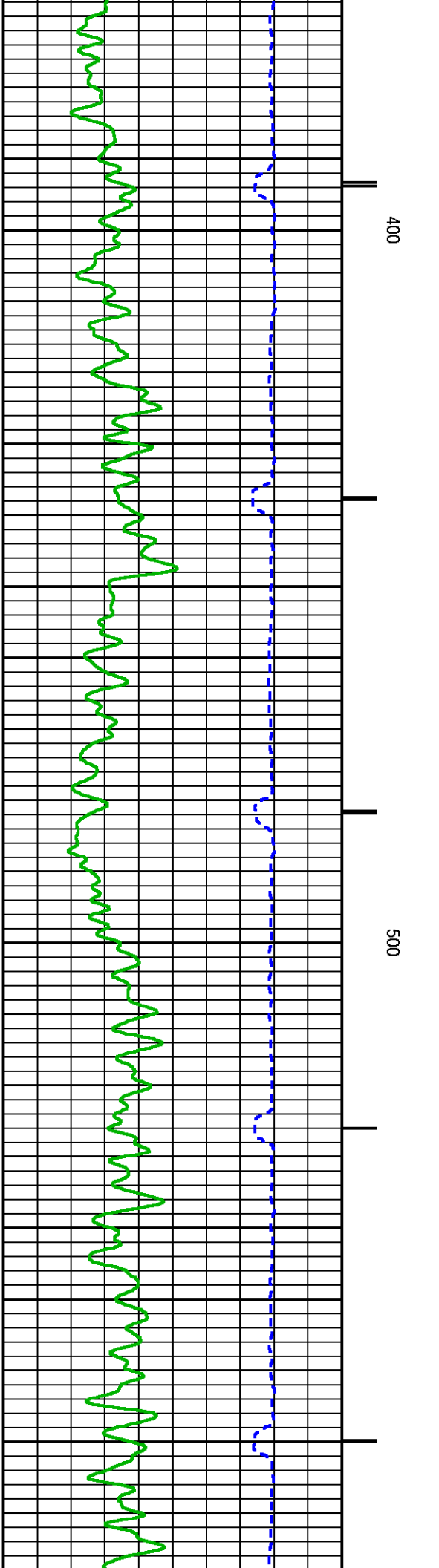
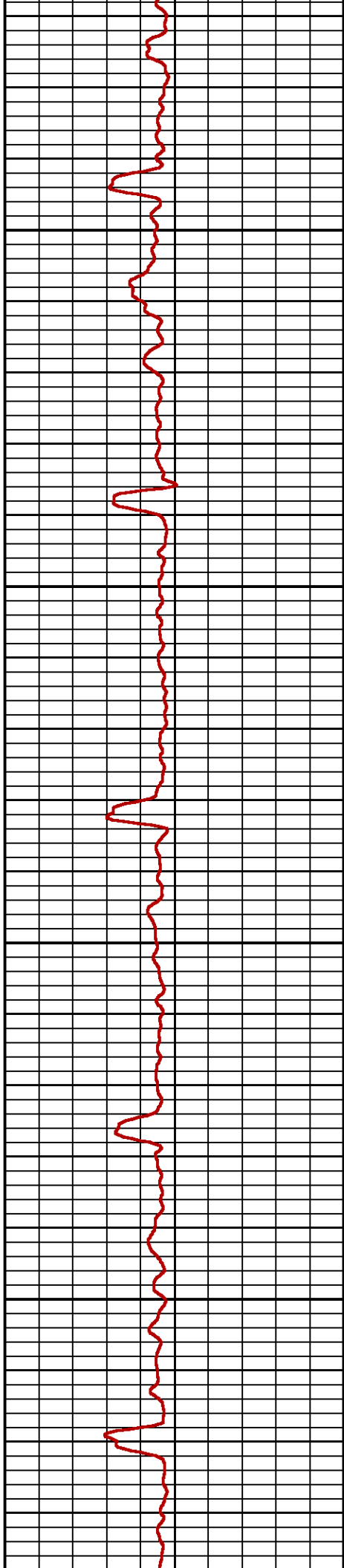
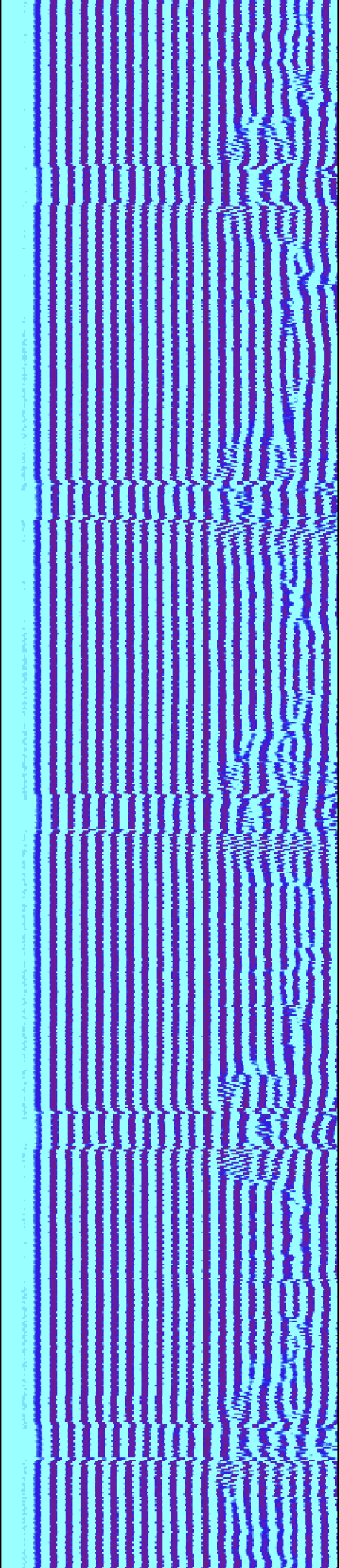
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jun 28 08:43:48 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jun 28 08:43:48 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 28 08:43:48 2014	FAR WAVE FORM
F1:GR	Jun 28 08:43:48 2014	GAMMA RAY
F1:TTN	Jun 28 08:43:48 2014	TRAVEL TIME FROM NEAR TRANSMITTER RECEIVER

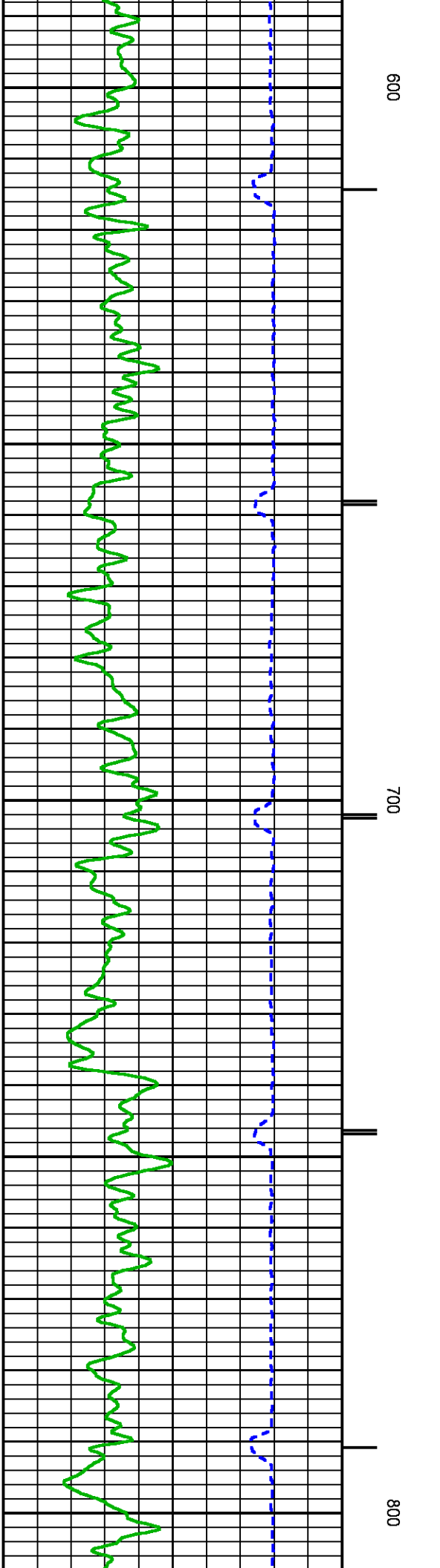
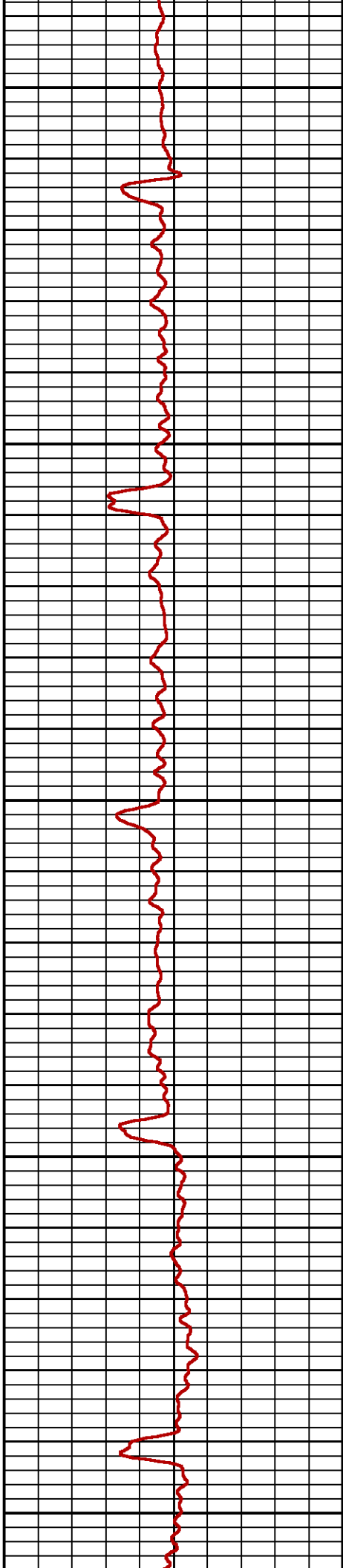
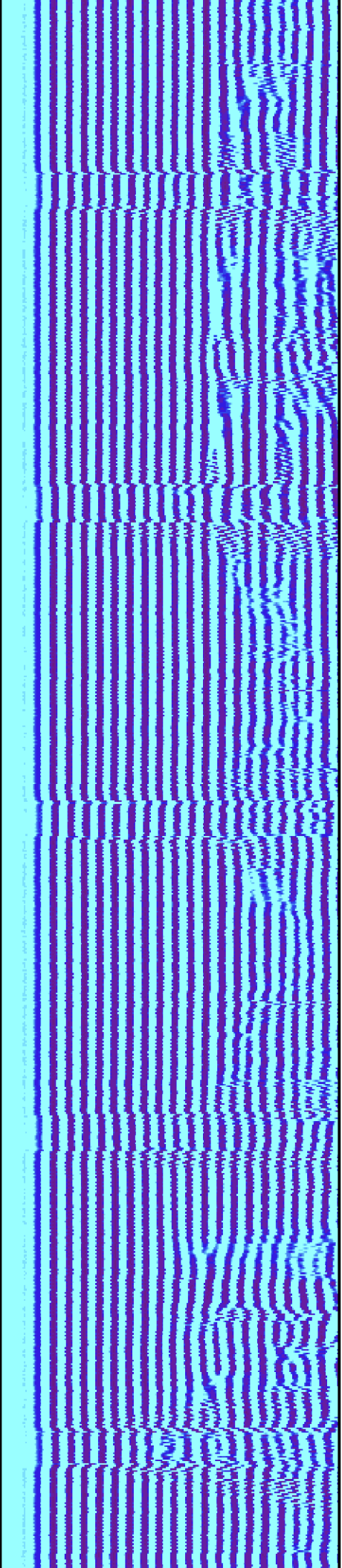
CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

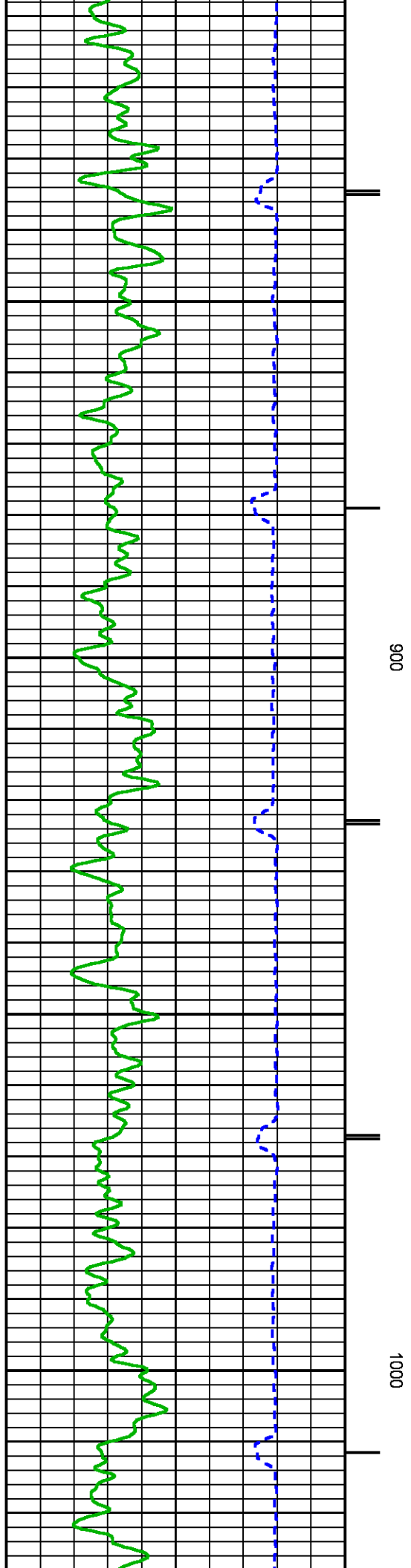
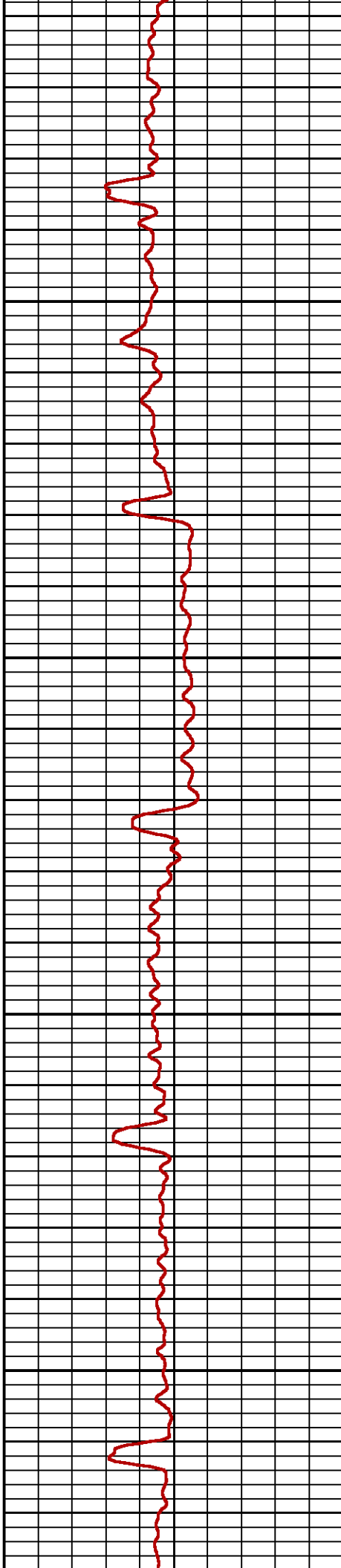
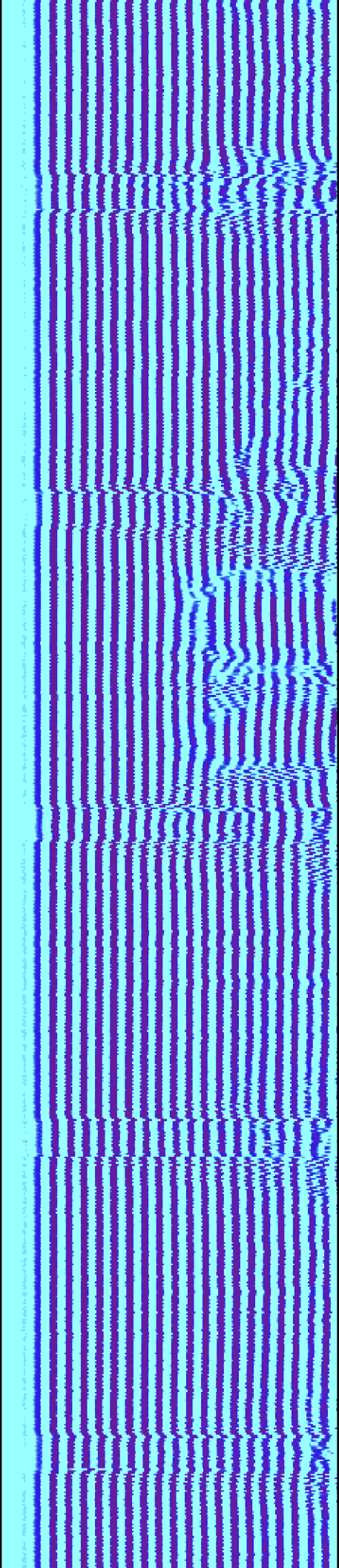
Presentation	: HL6670:WPX_CBL_PRIMARY_PRESENTATION.fvpdf [5"/100' Scale]
Plot Interval	: 18.75 - 9023.5 Feet
Data File 1	: F1 : HL6670:/dat1a/CH087281/n012e02.xtf
Created On	: Jun 28 08:43:48 2014
Company	: WPX ENERGY
Well	: SAVAGE RWF 43-25
Field	: RULISON
File Interval	: 17.75 - 9025 Feet
OCT	: n012e

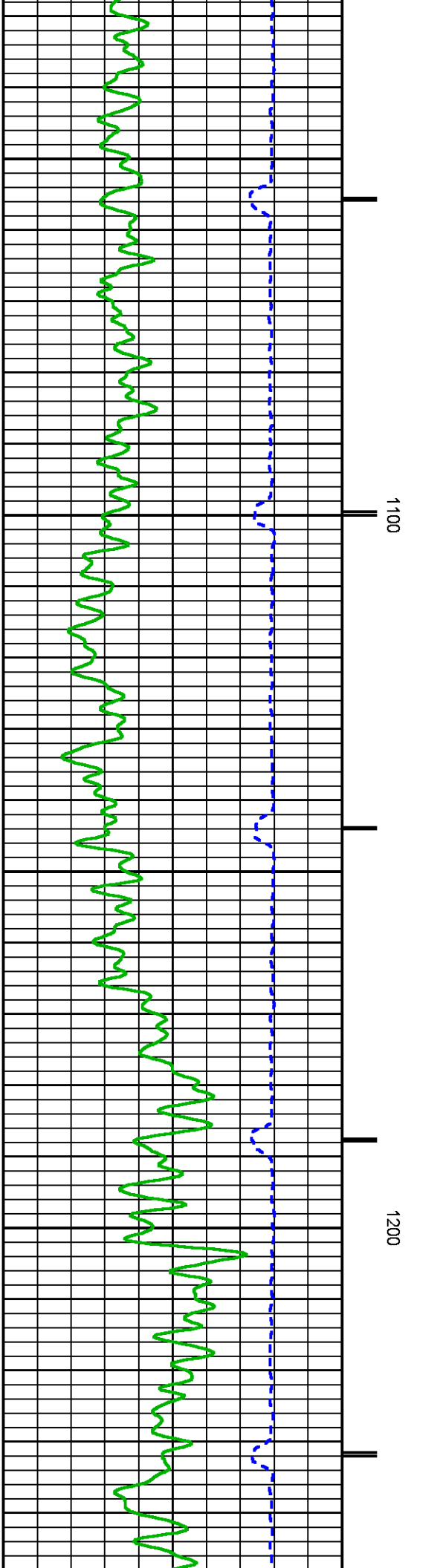
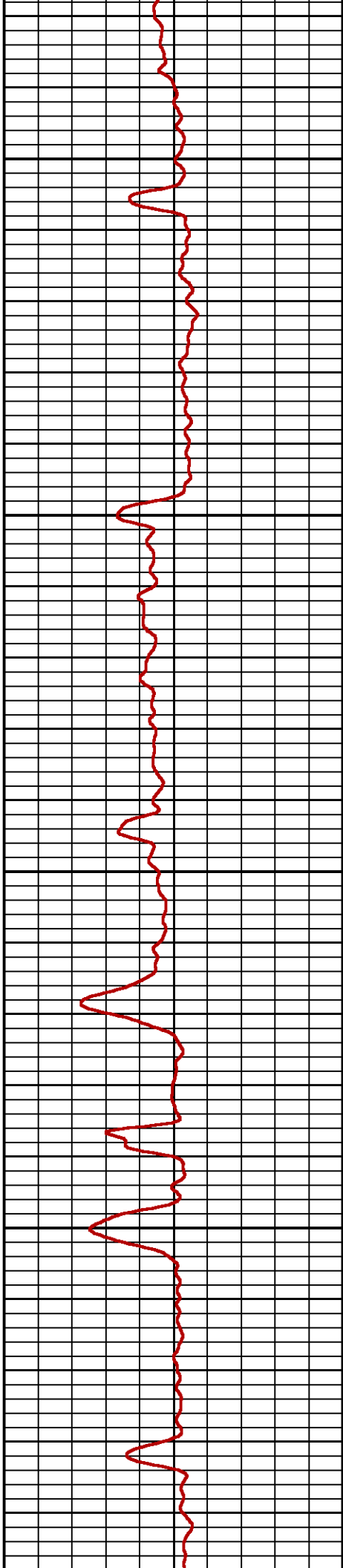
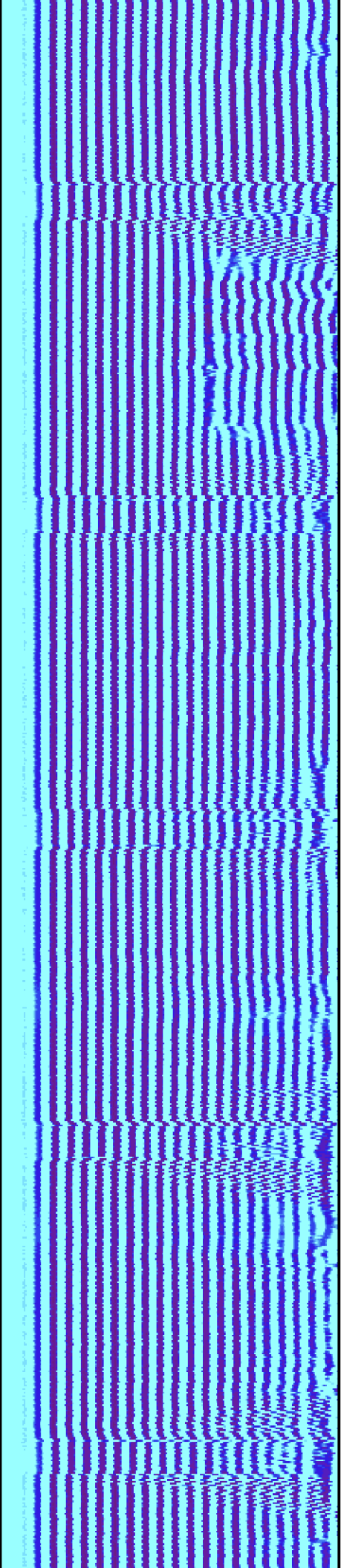


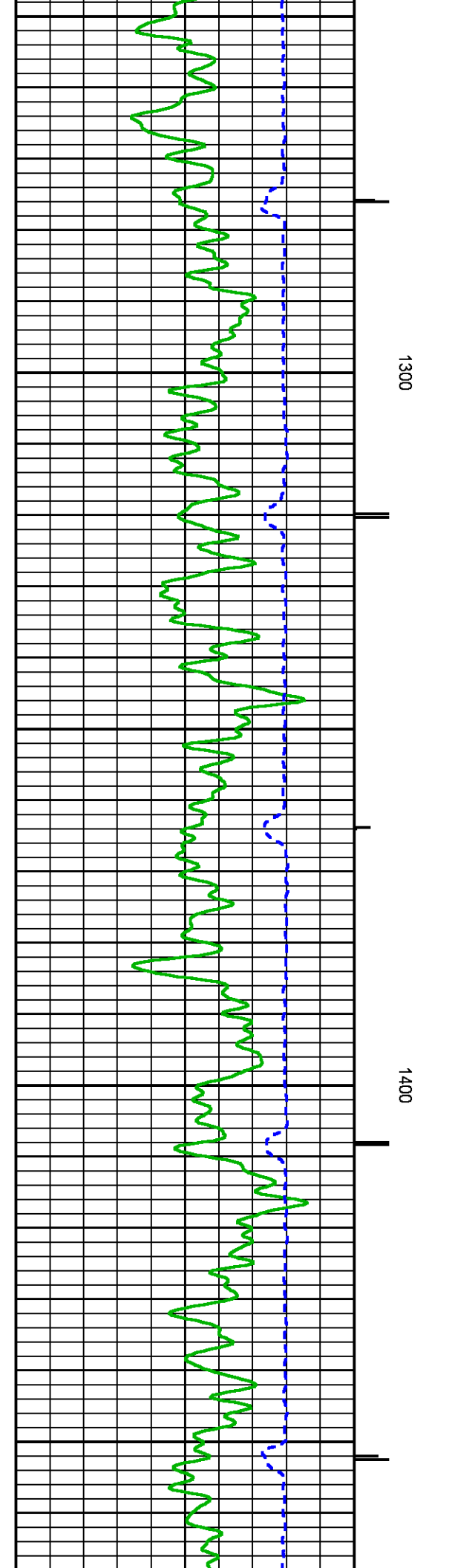
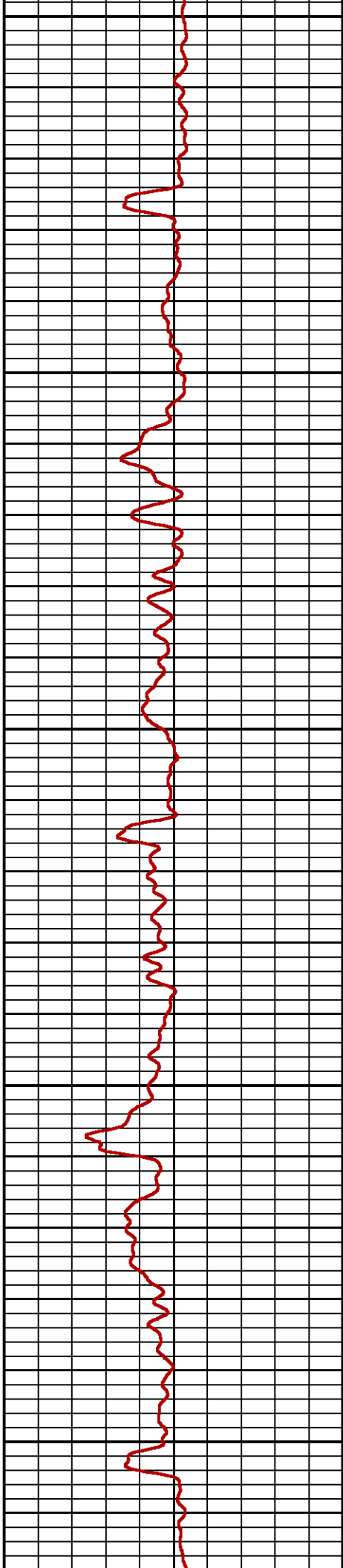
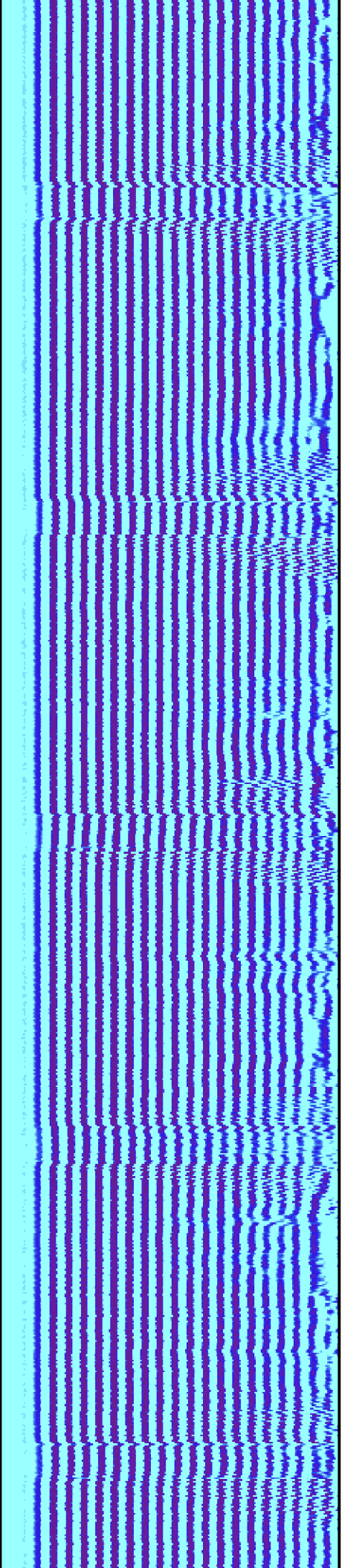


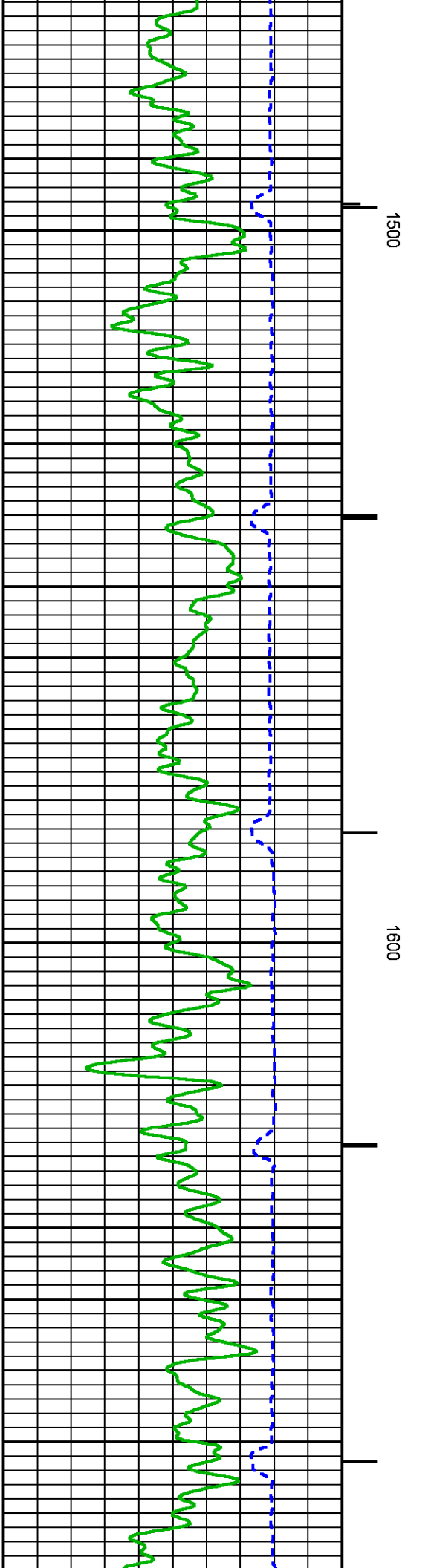
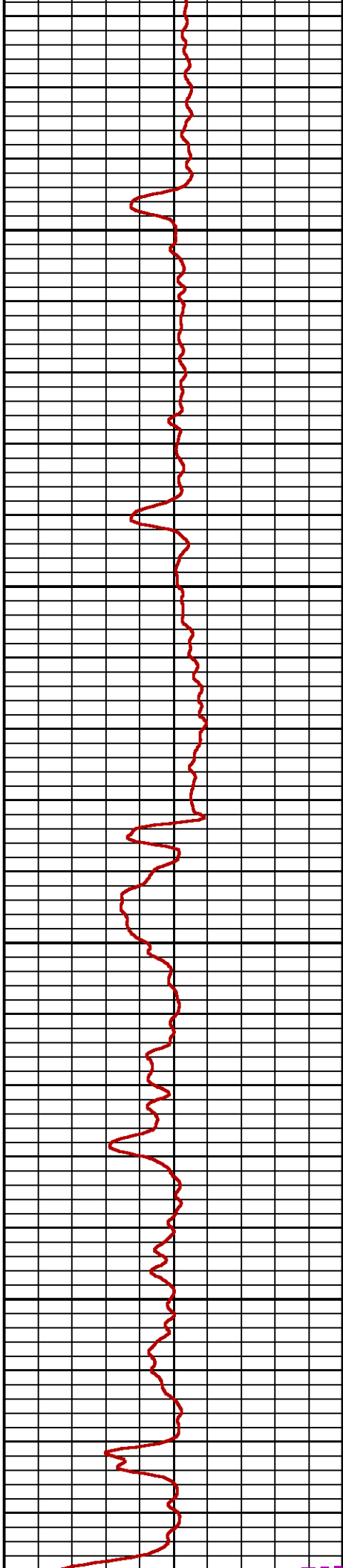
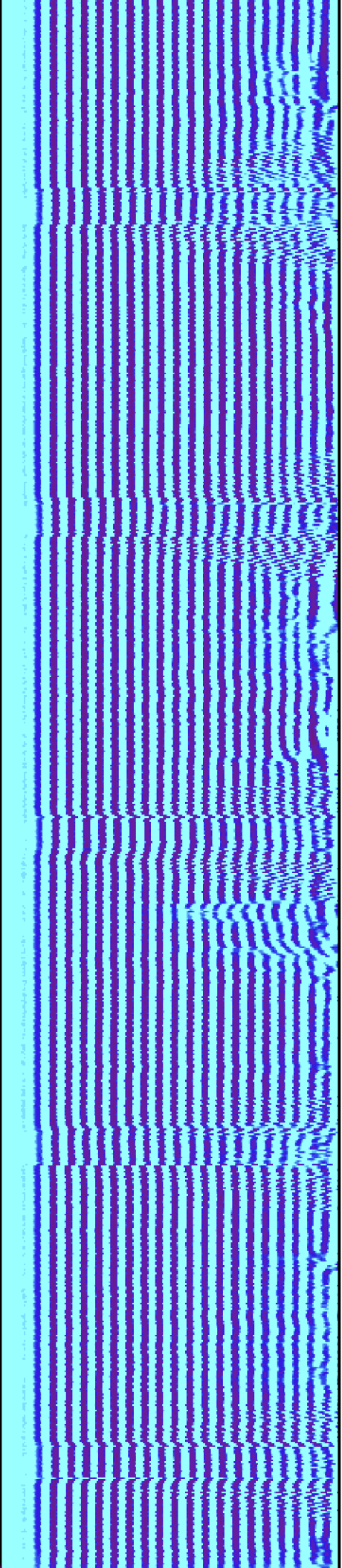


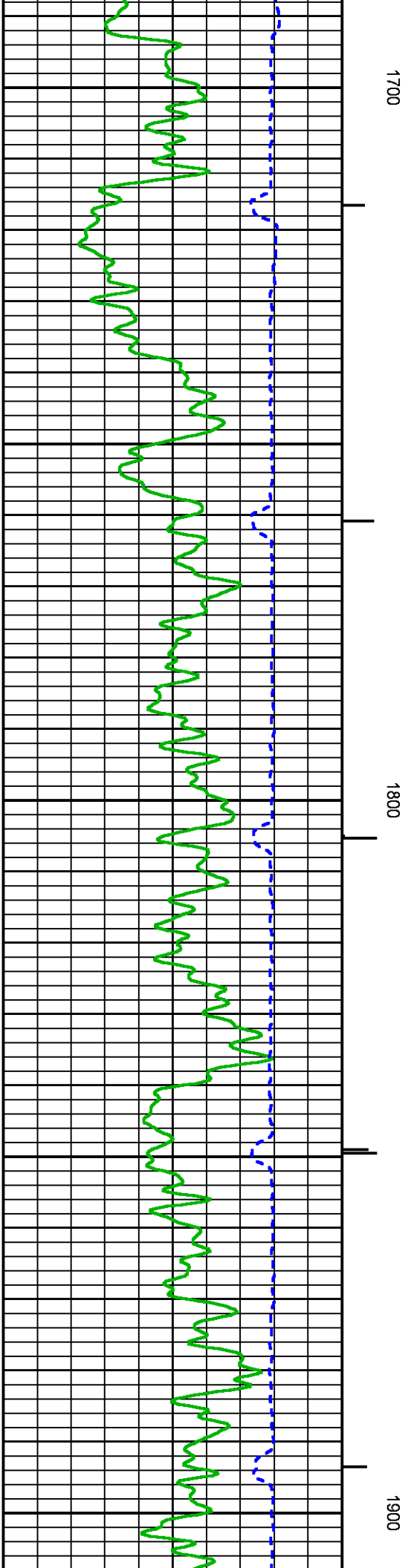
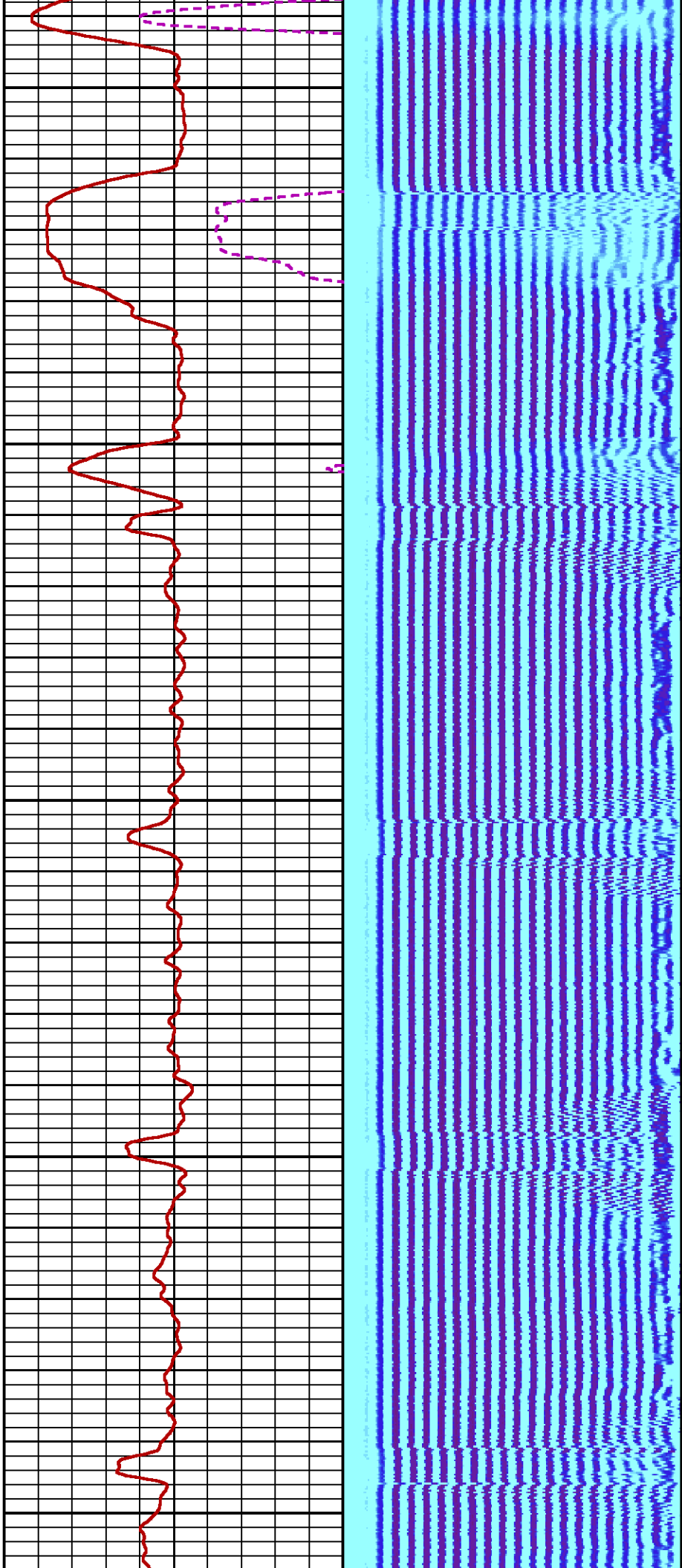


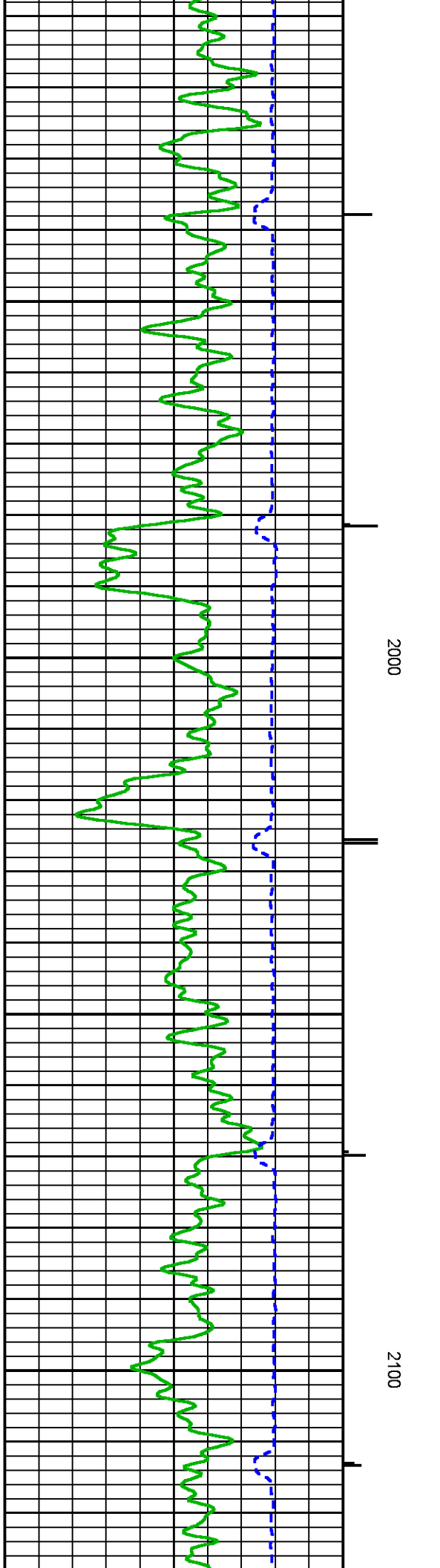
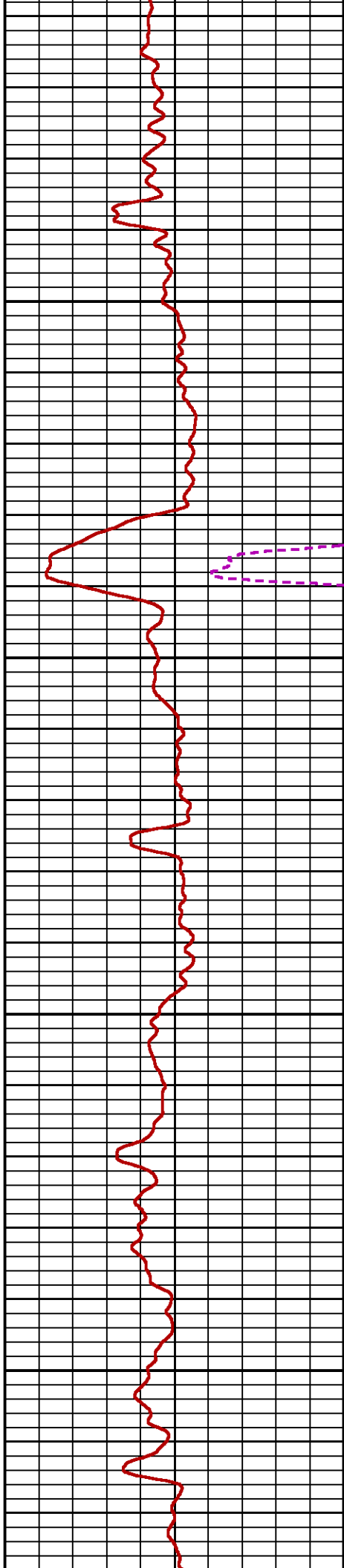
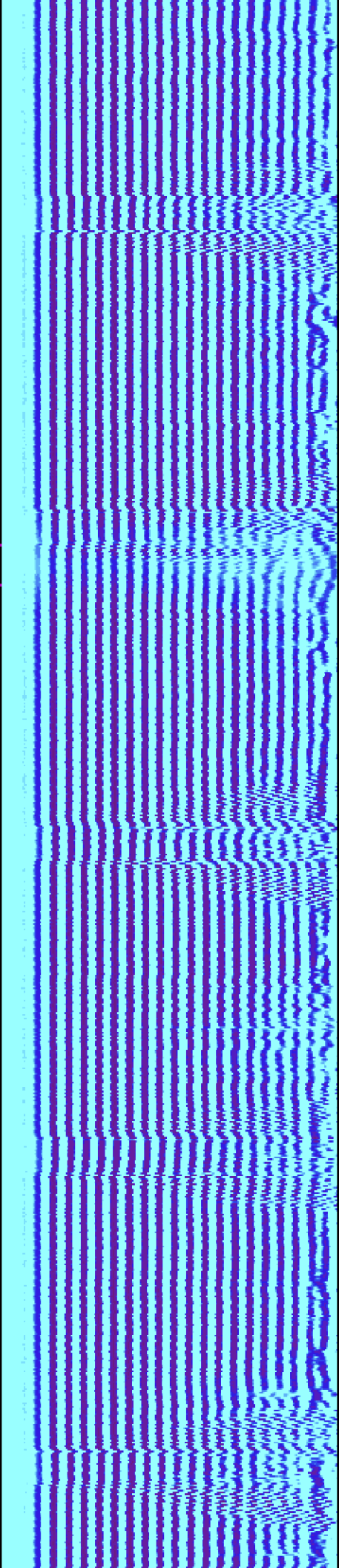


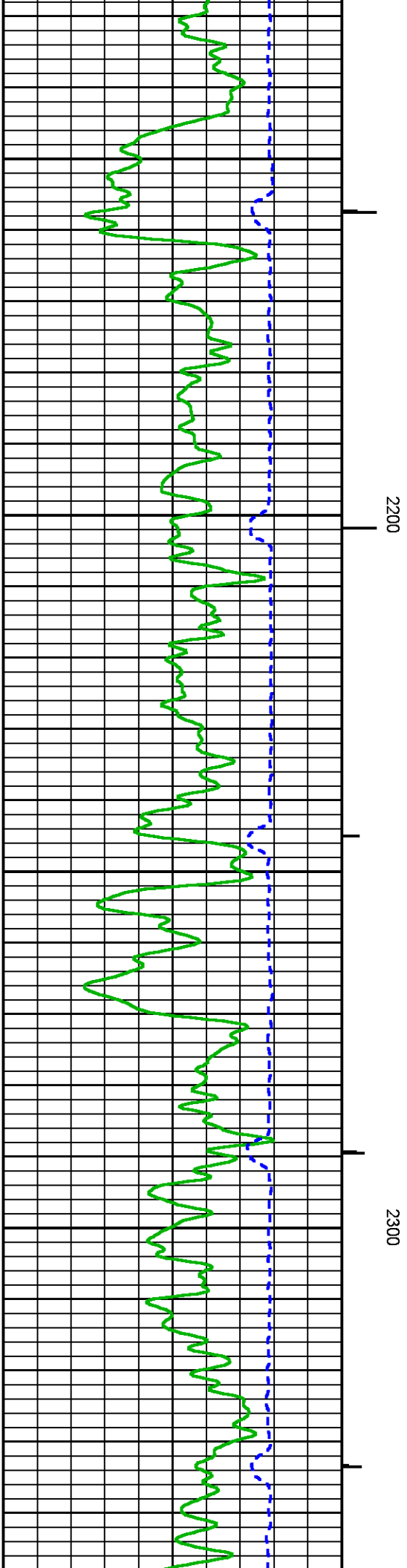
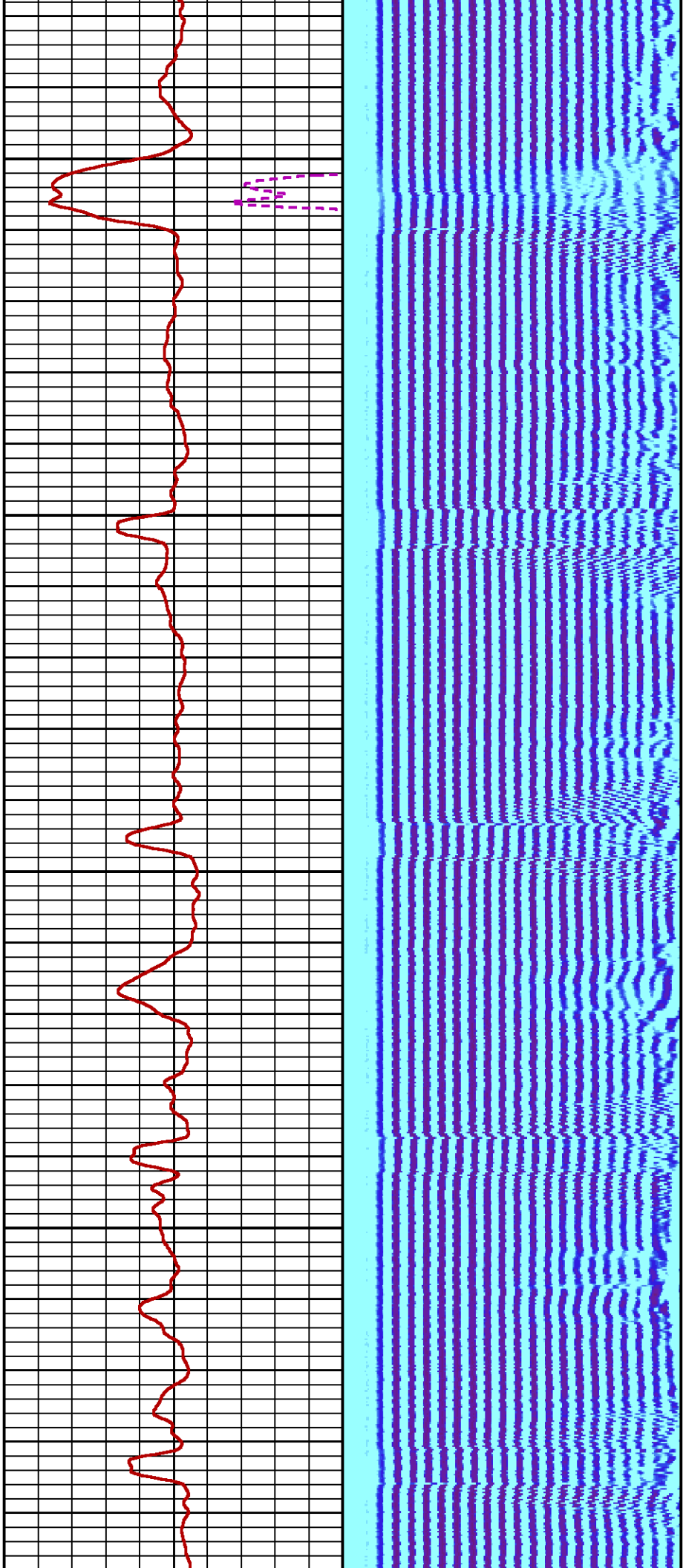


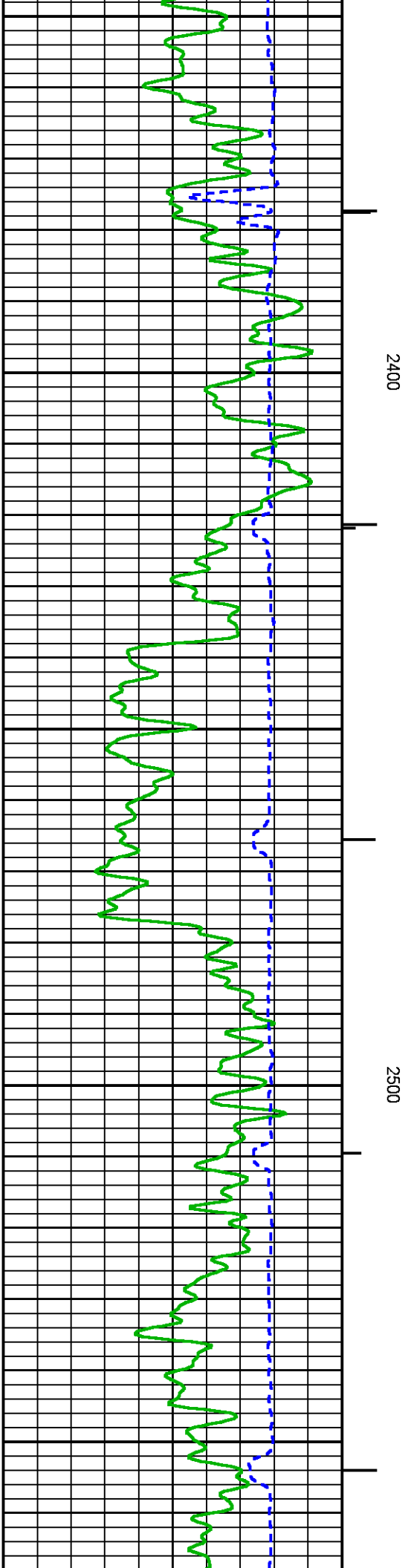
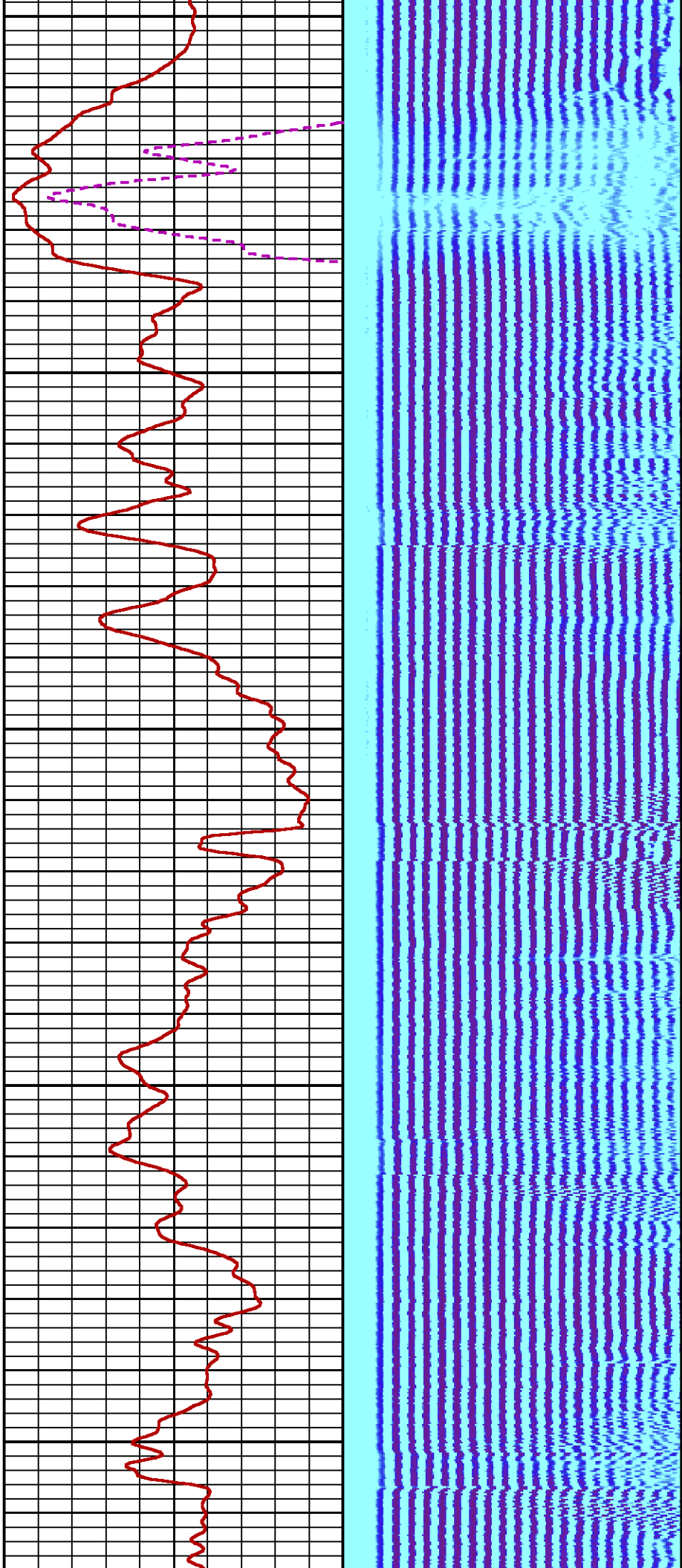


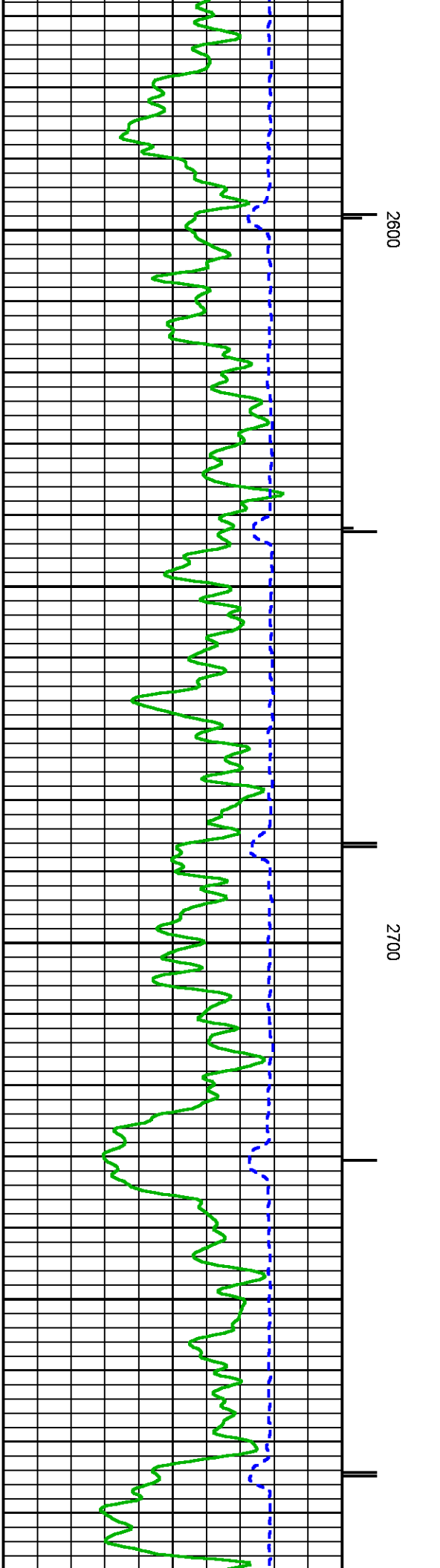
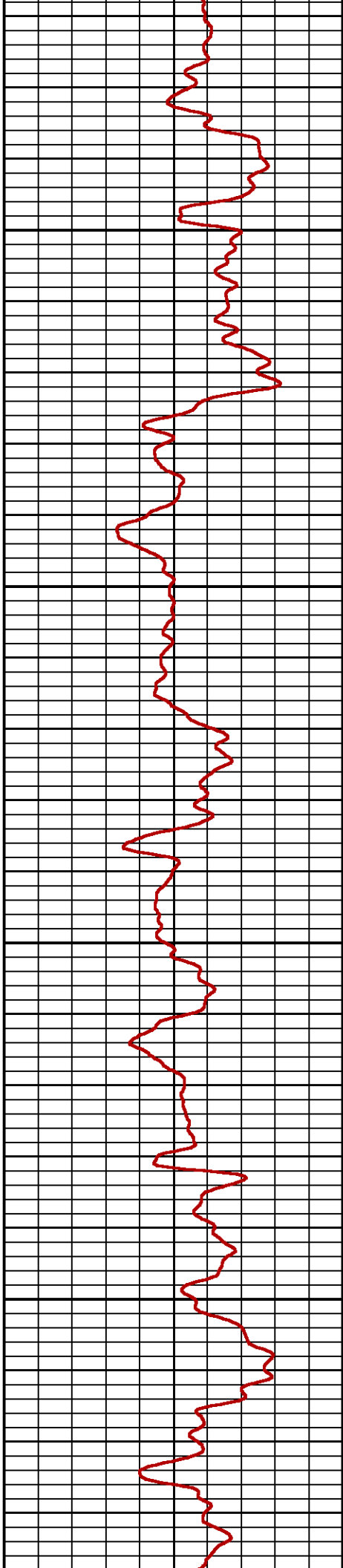
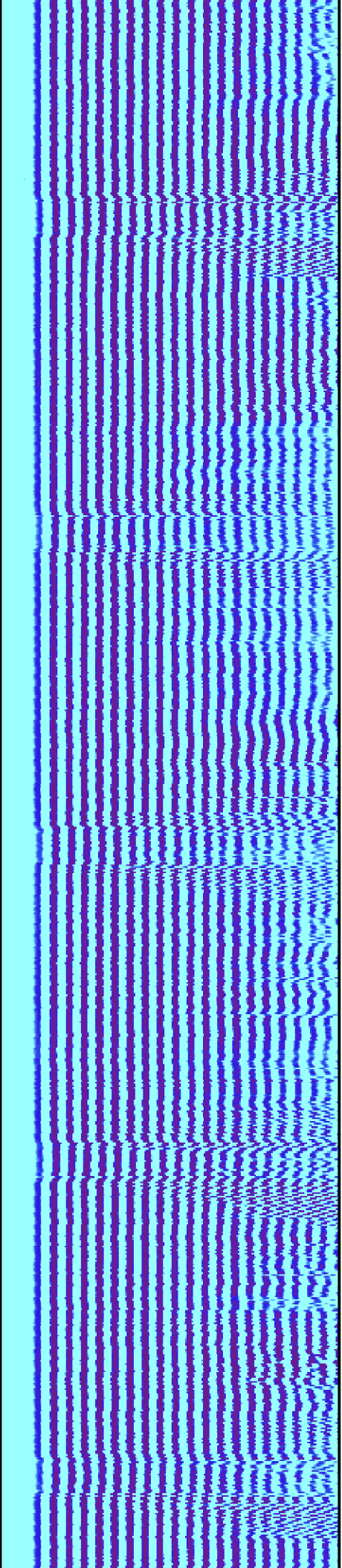


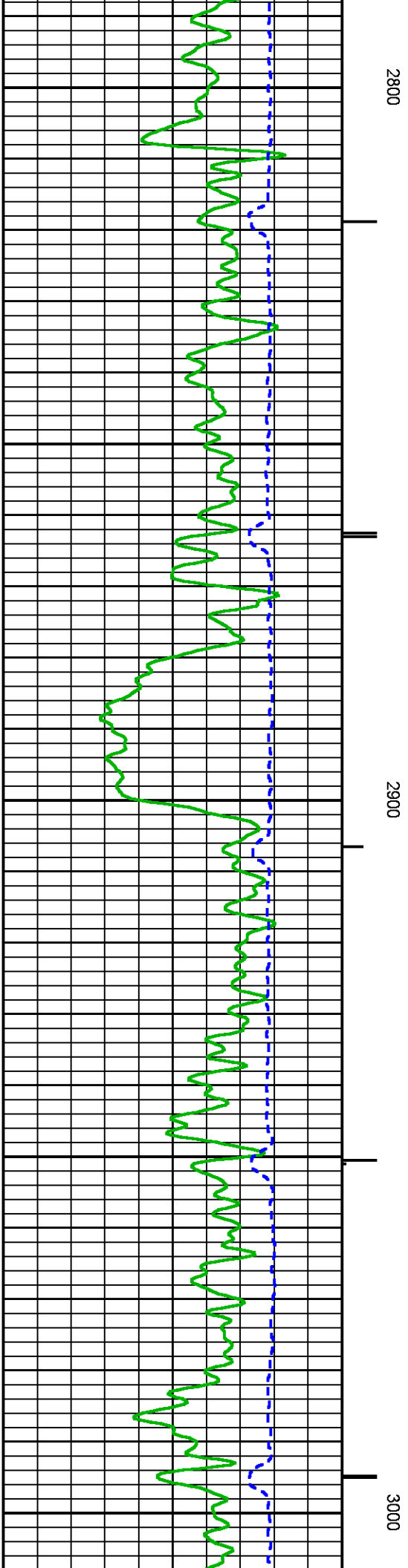
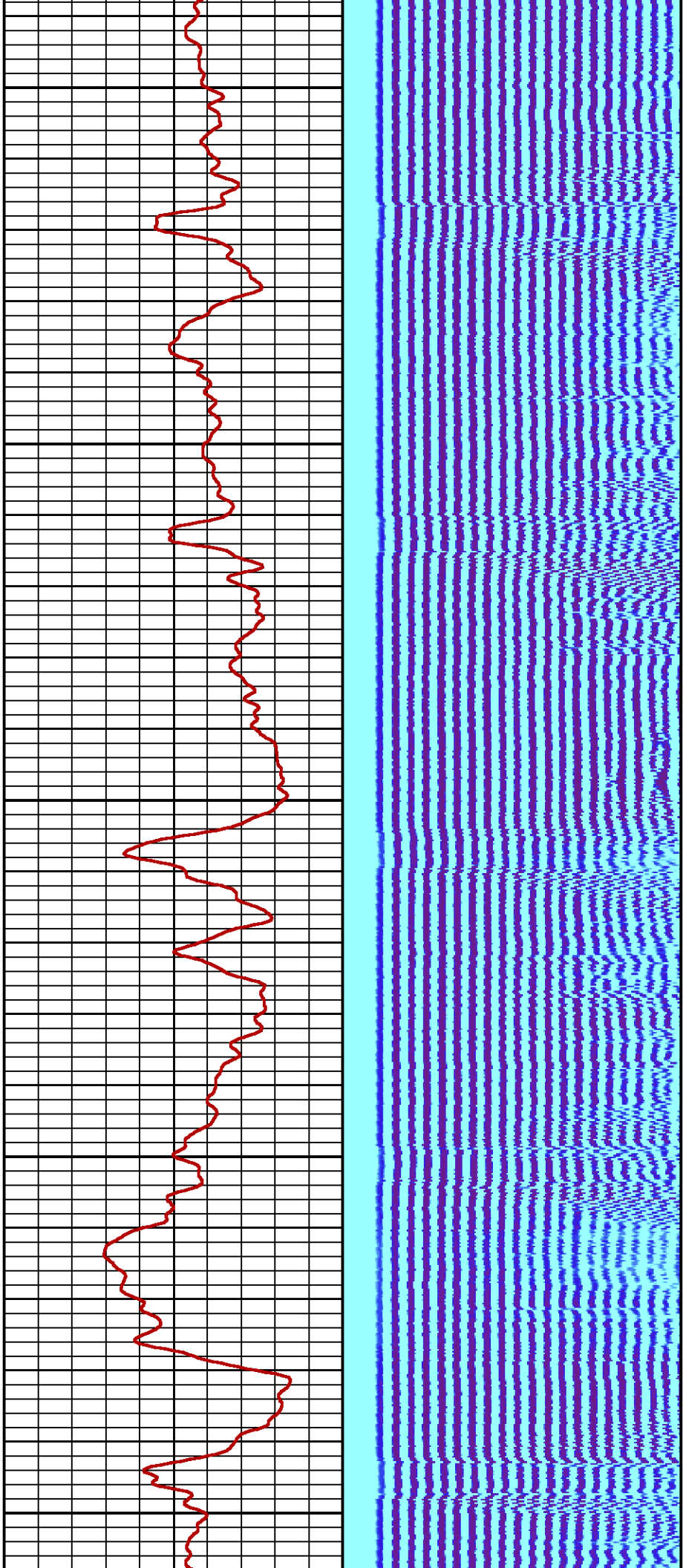


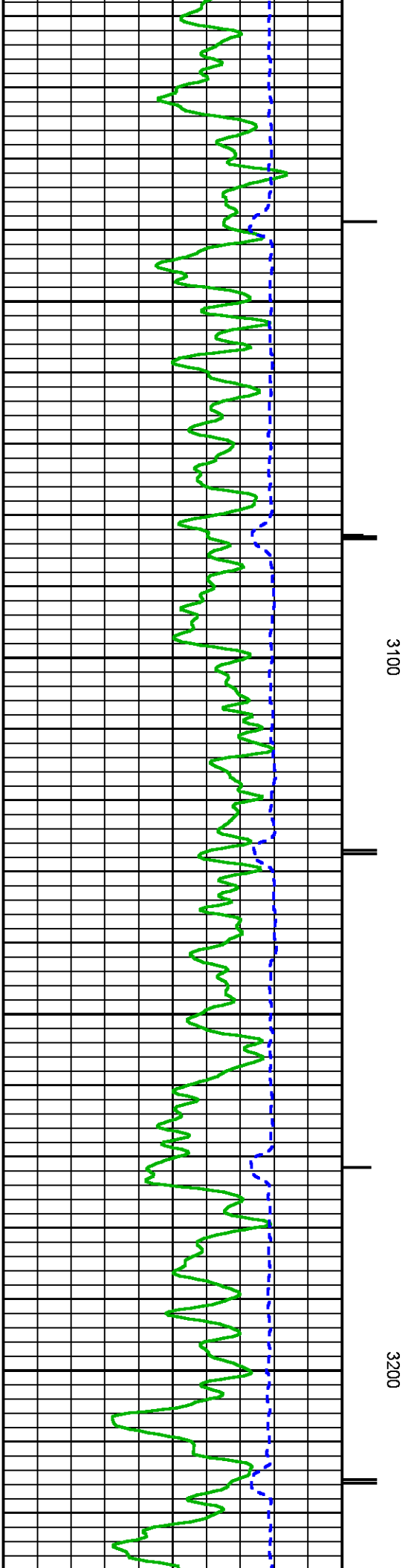
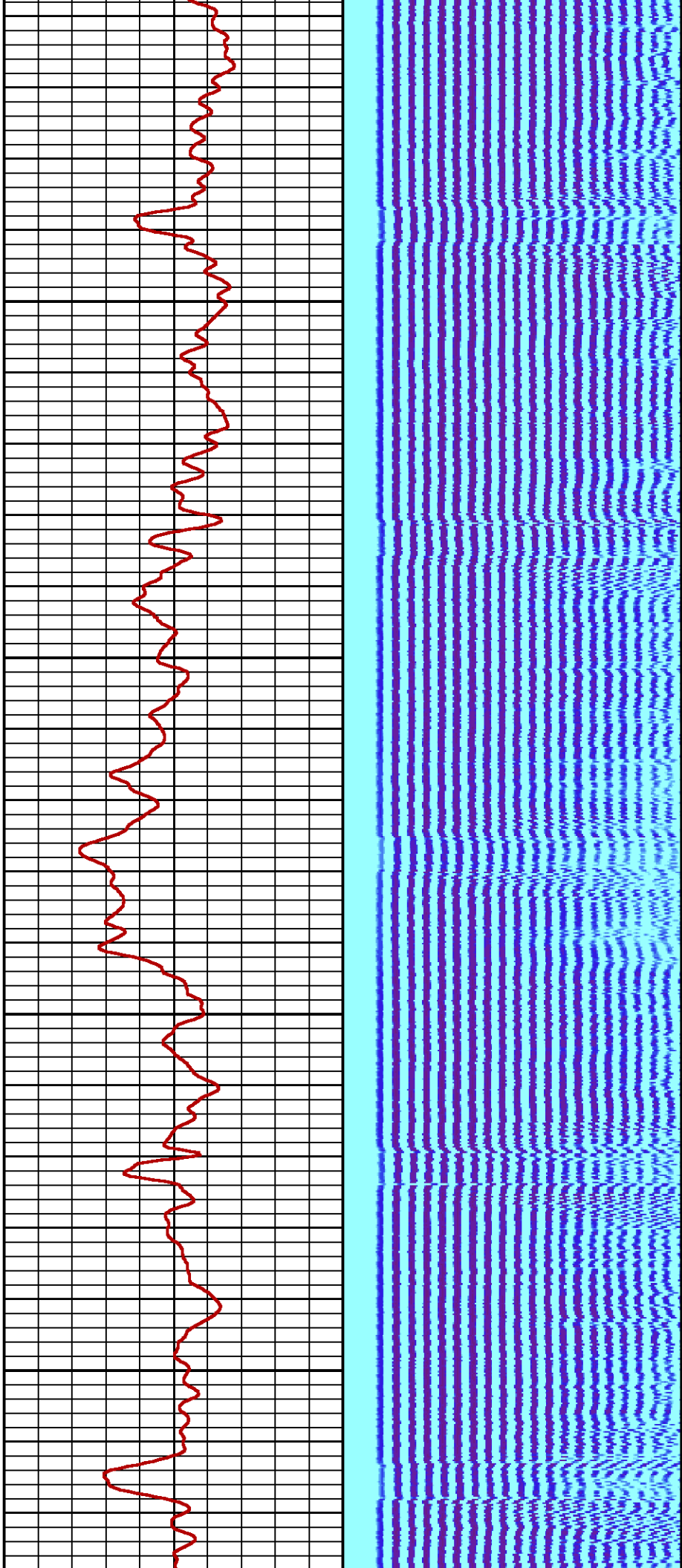


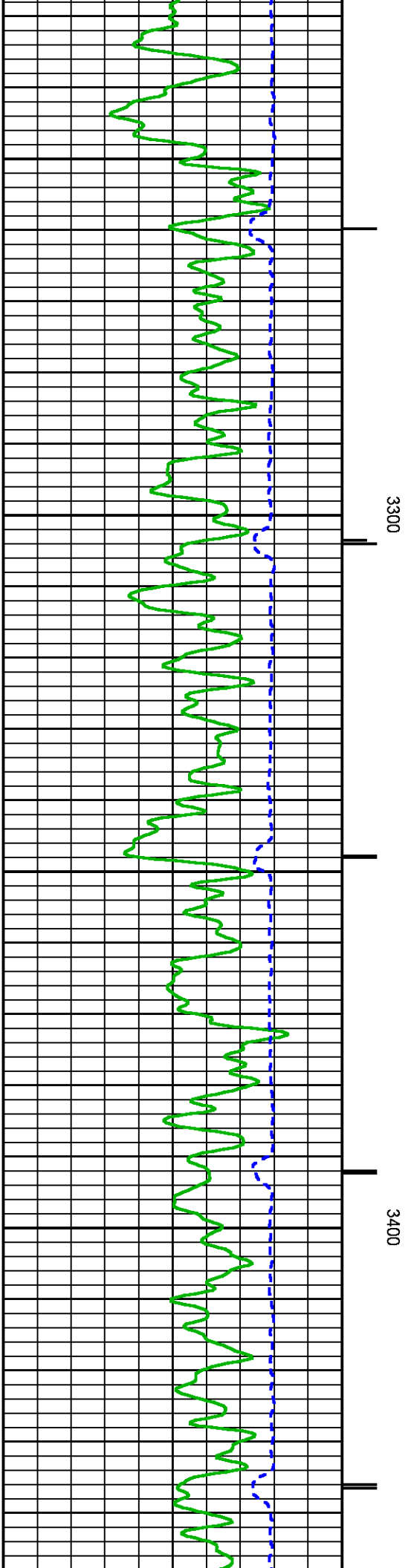
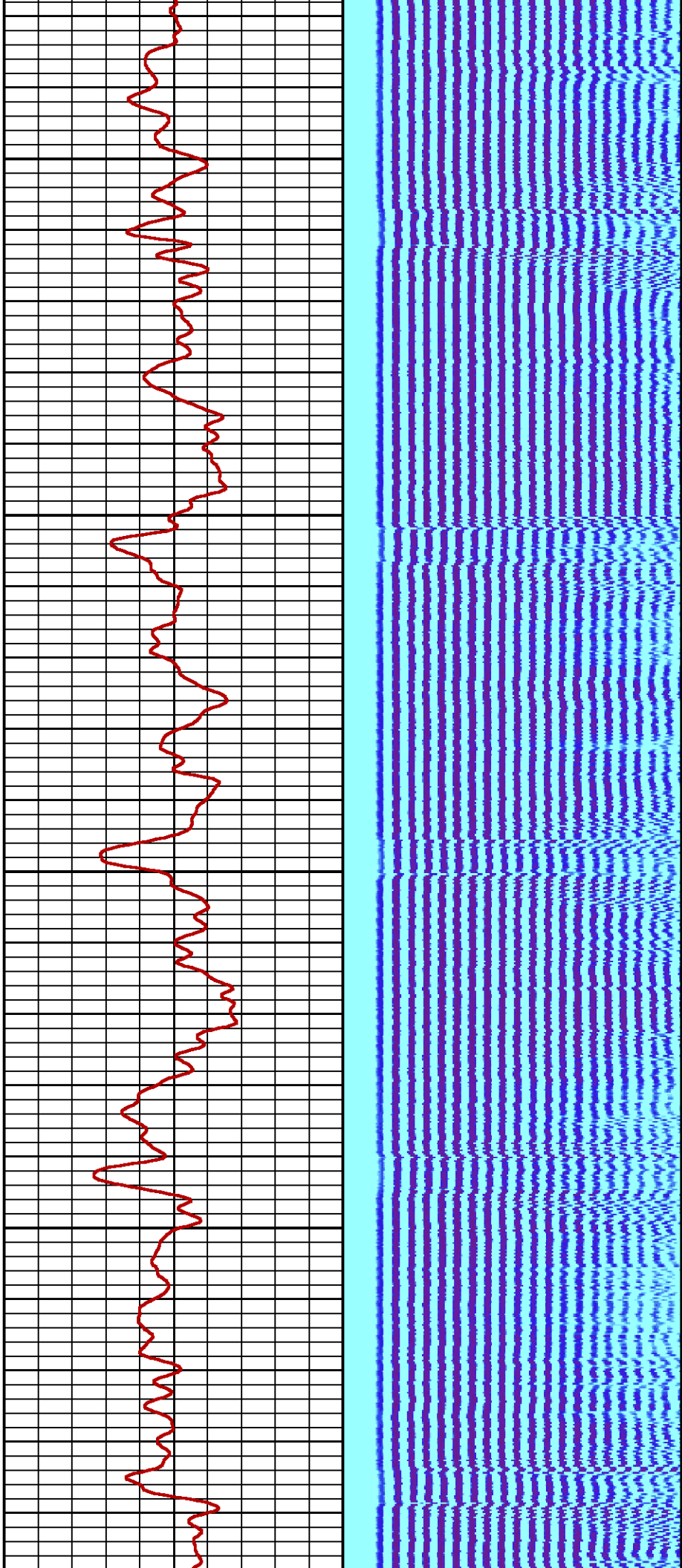


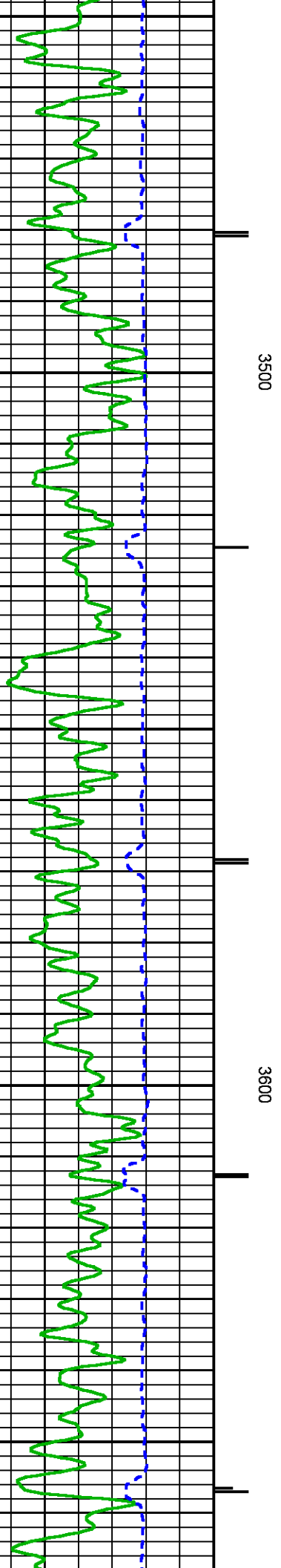
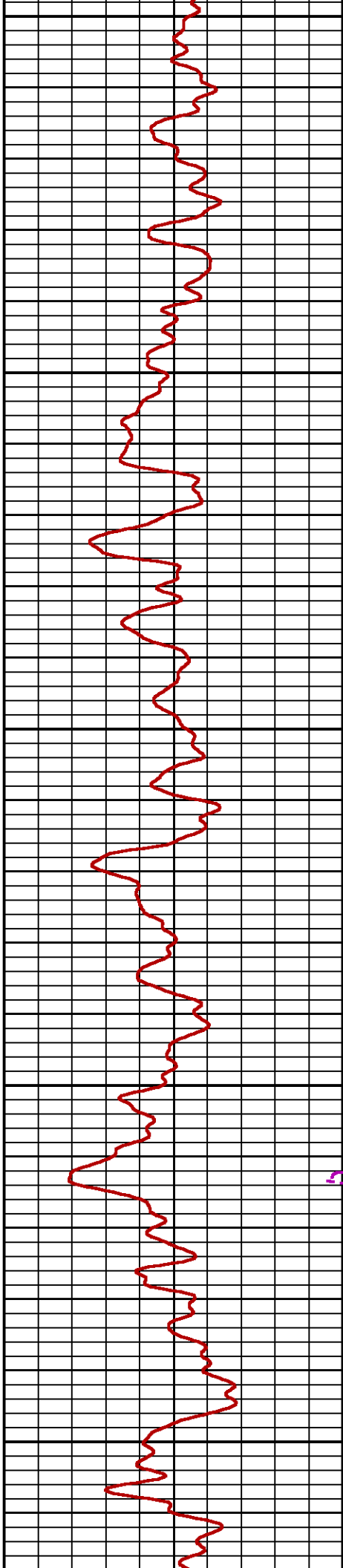
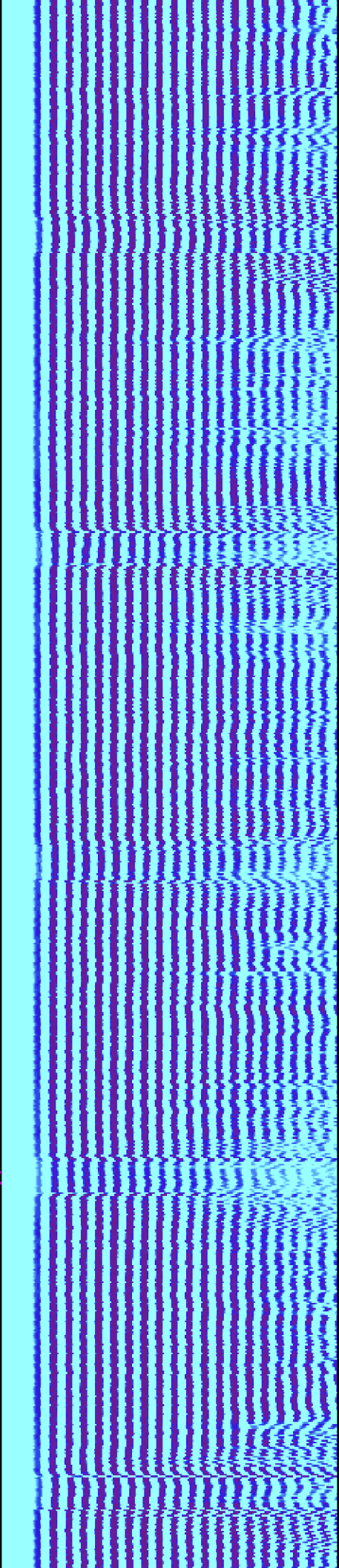


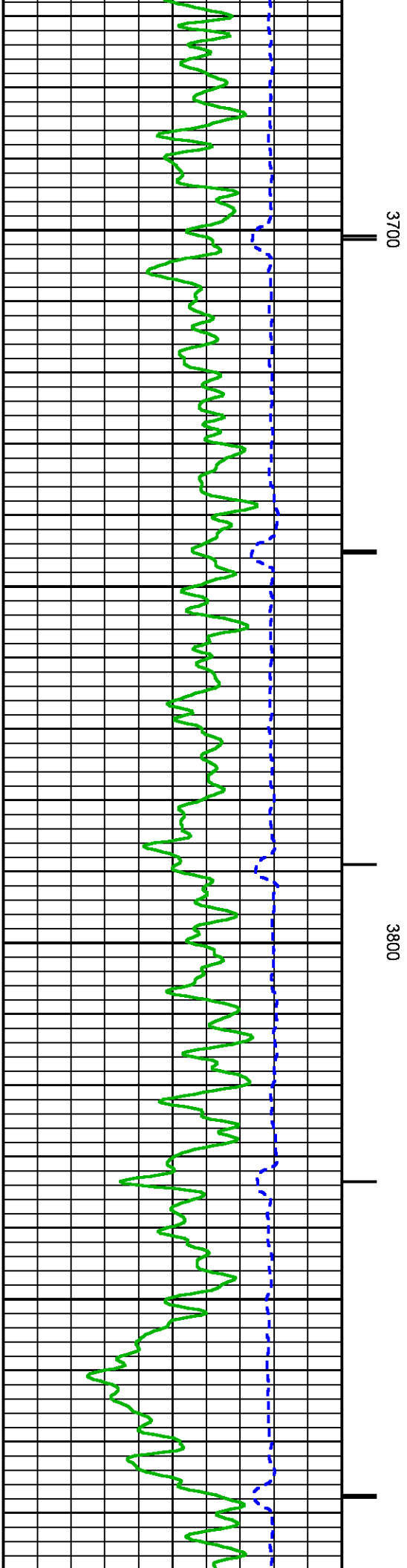
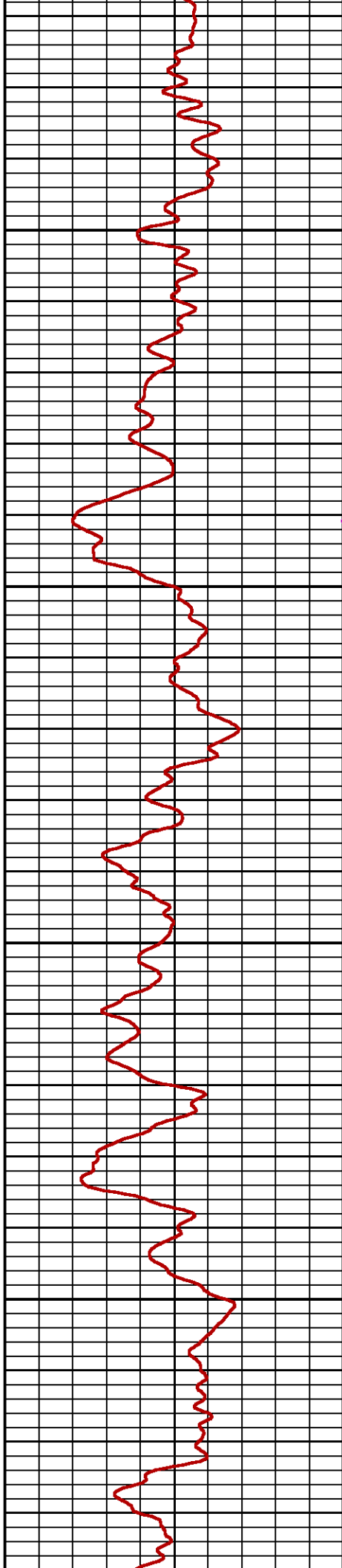
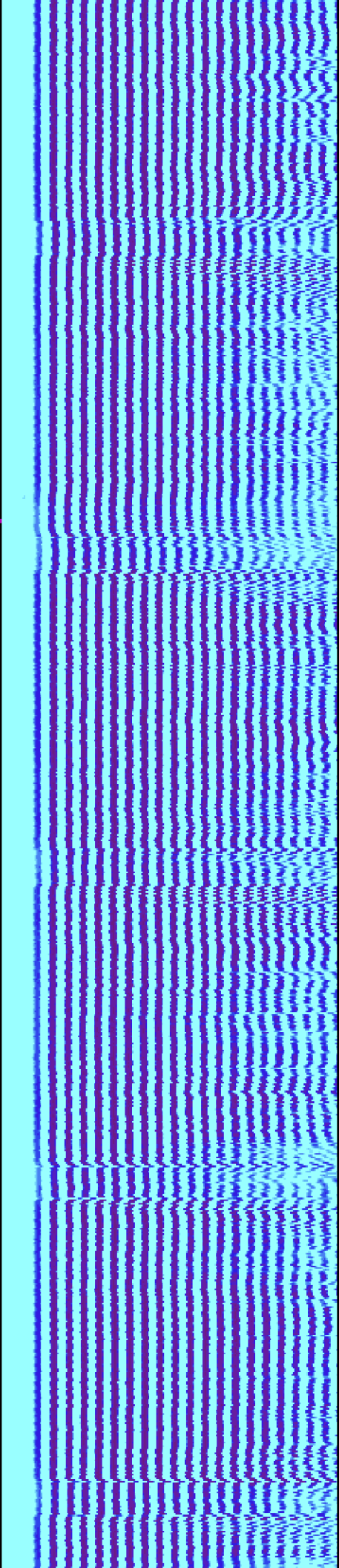


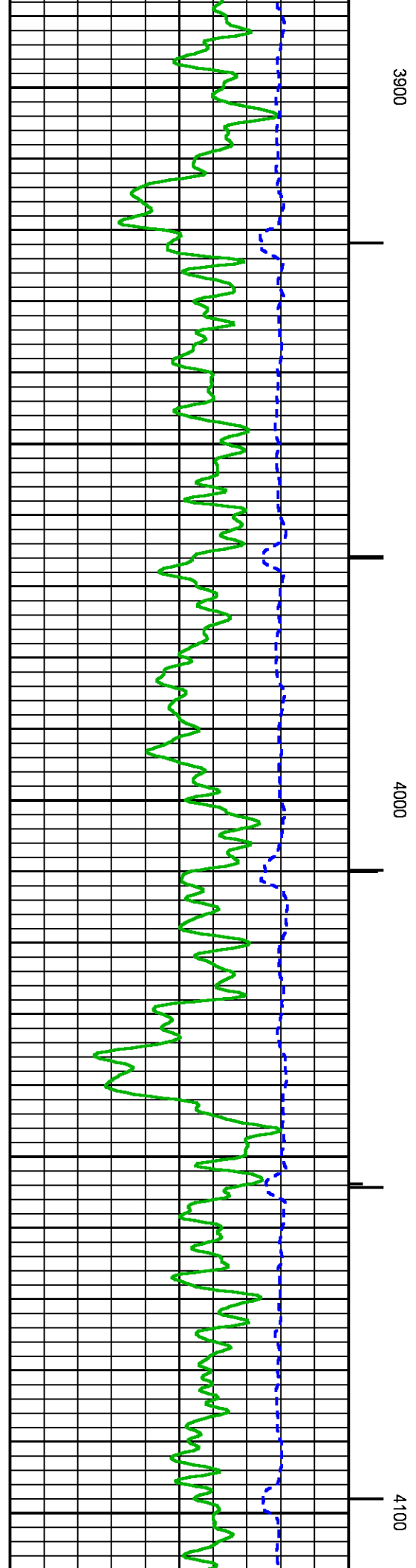
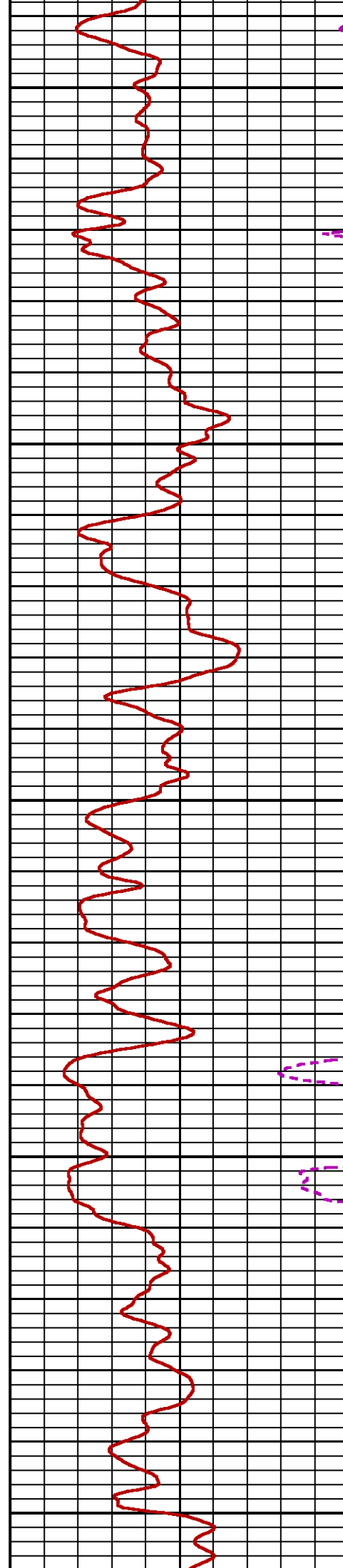
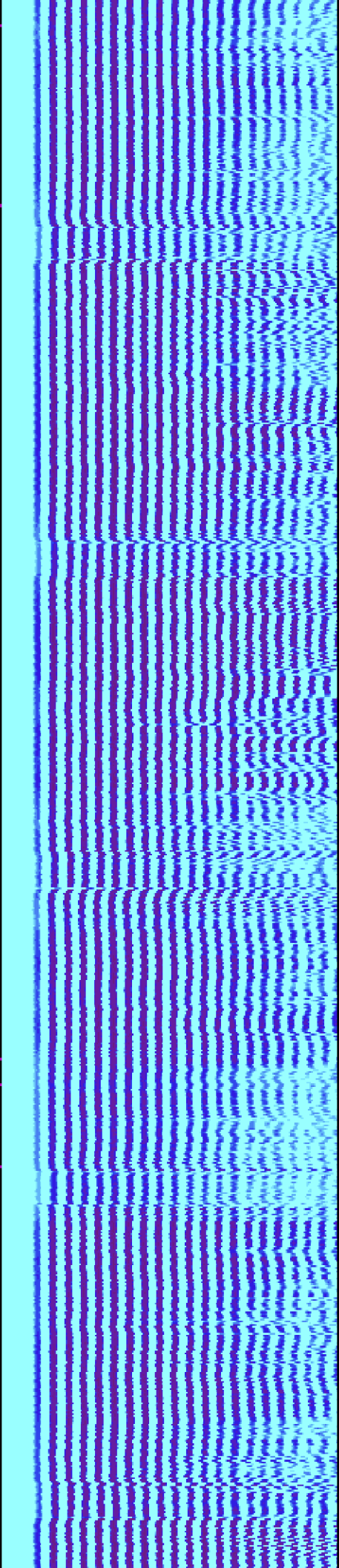


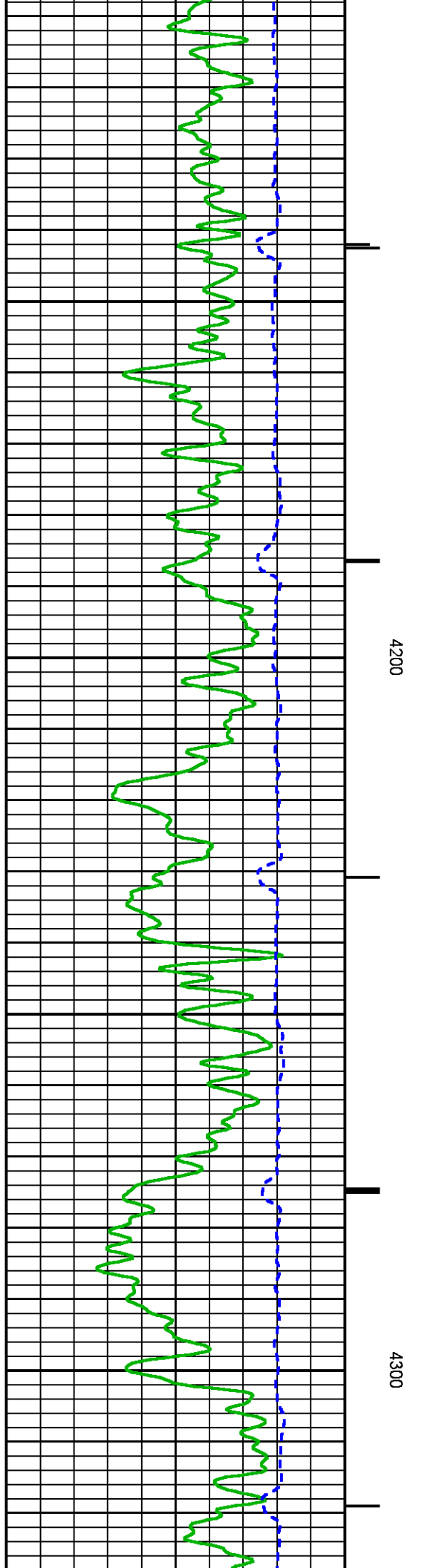
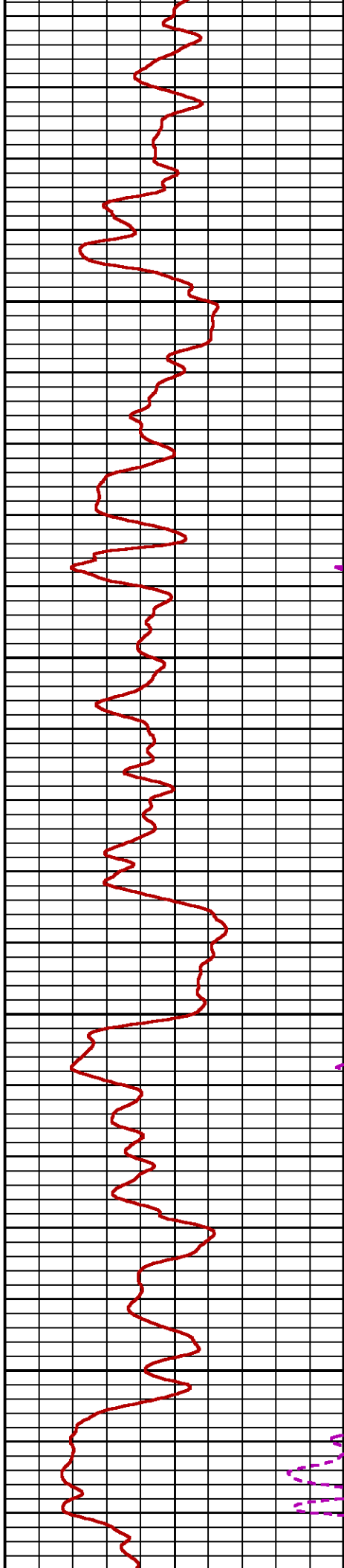
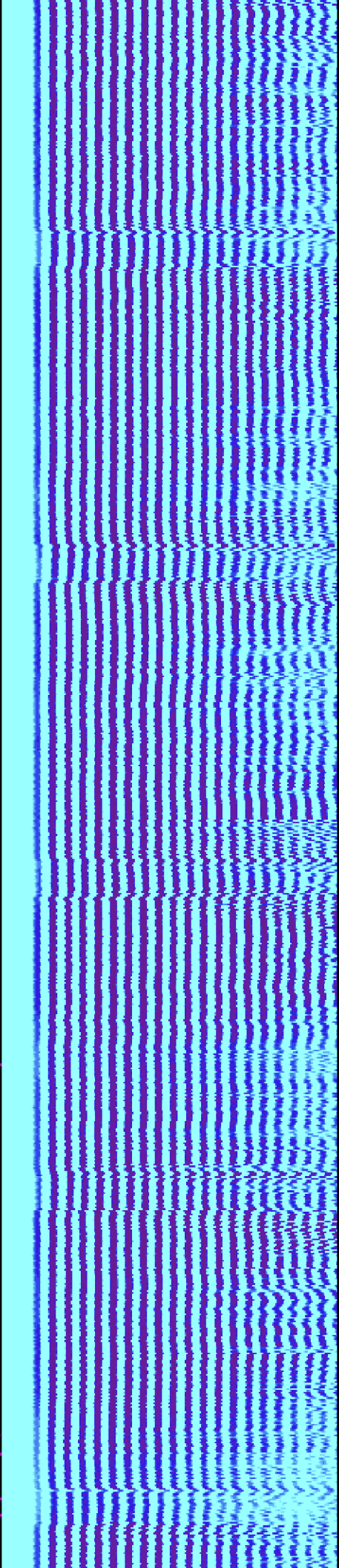


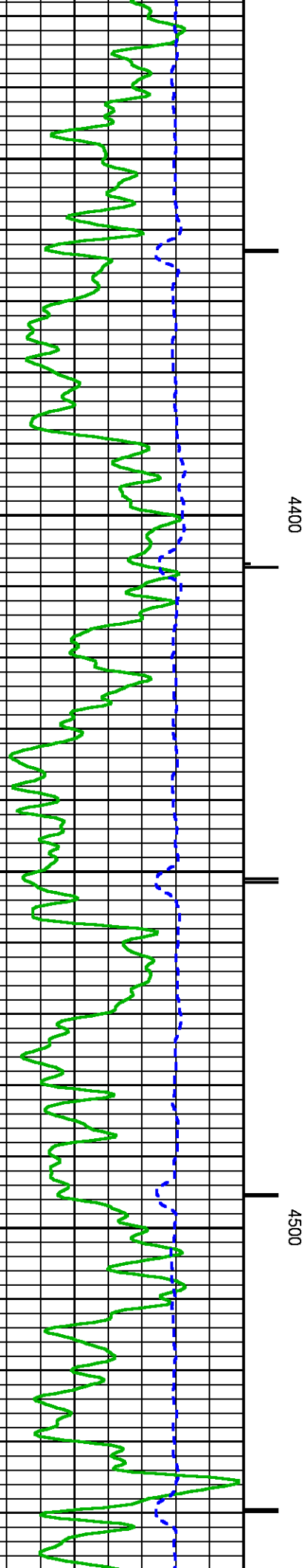
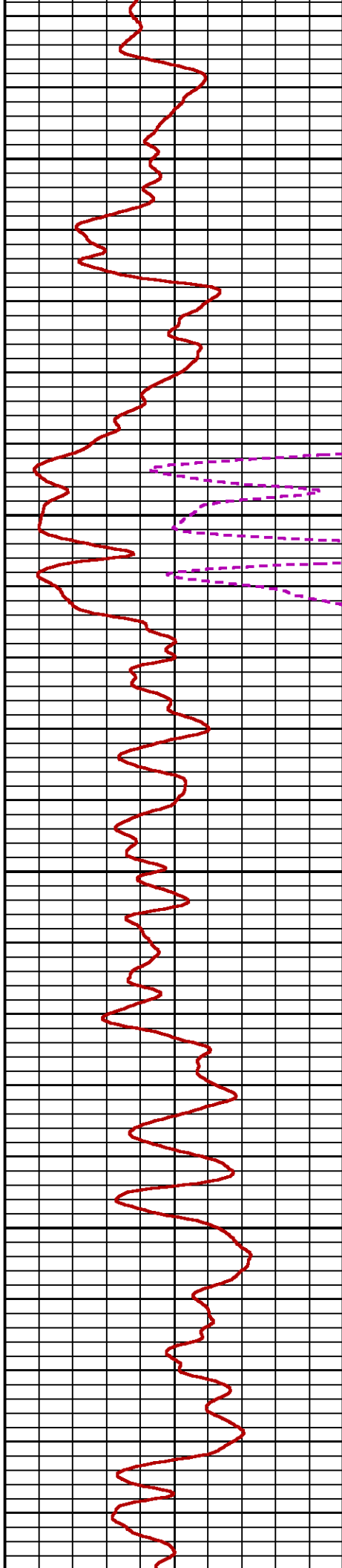
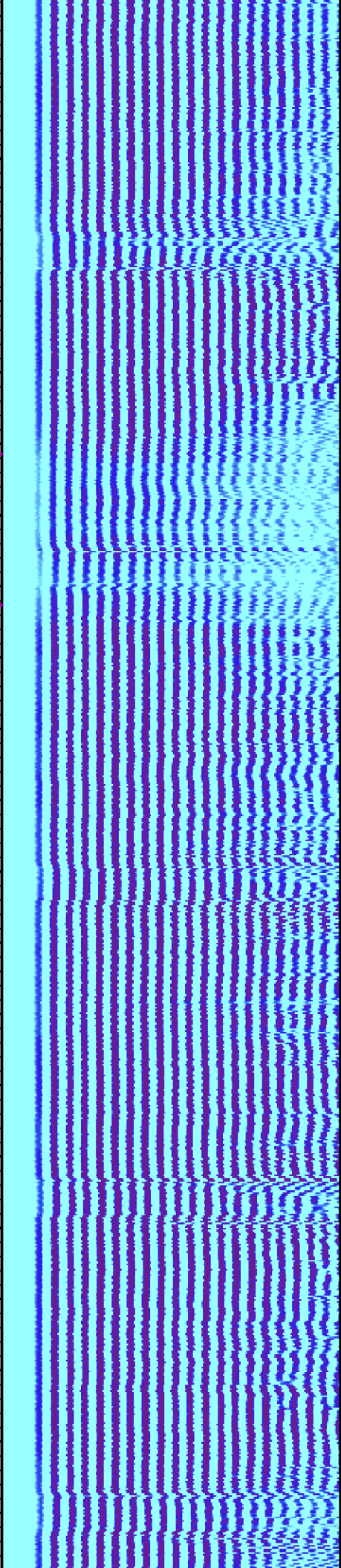


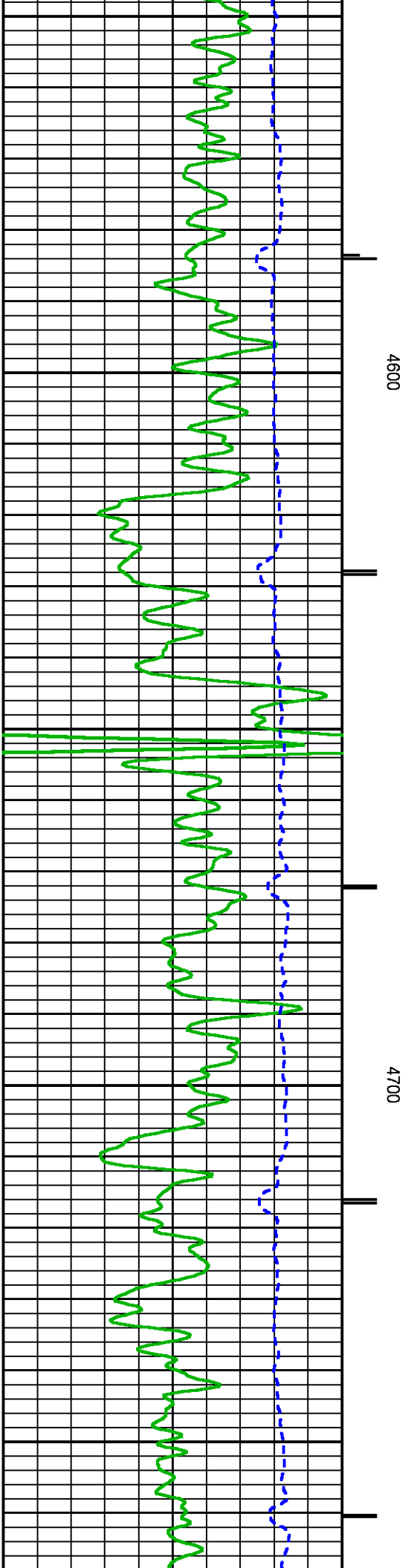
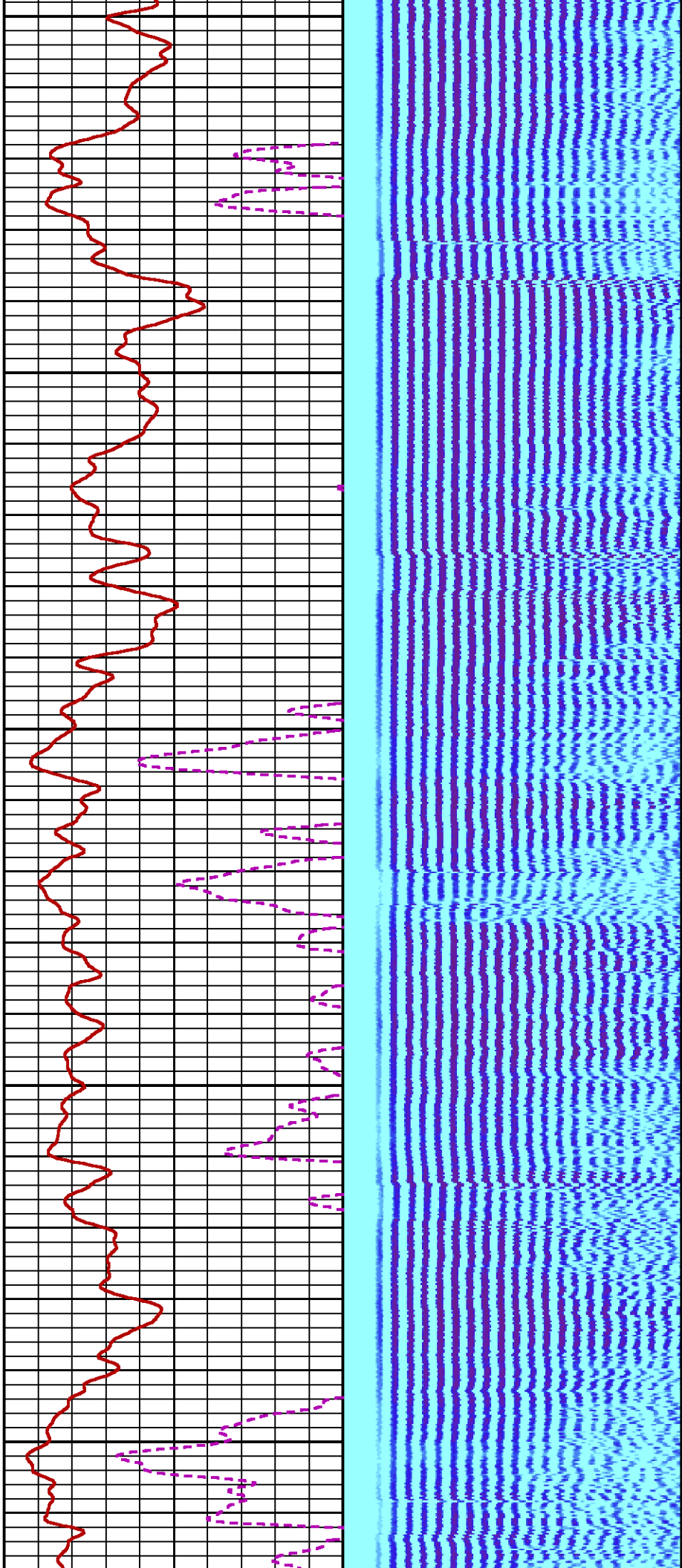


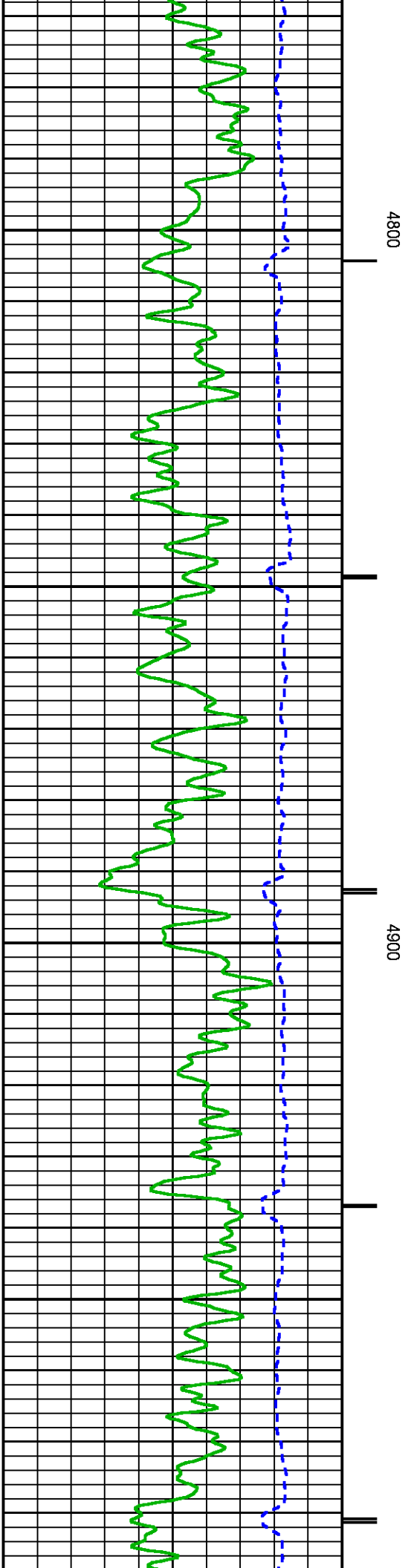
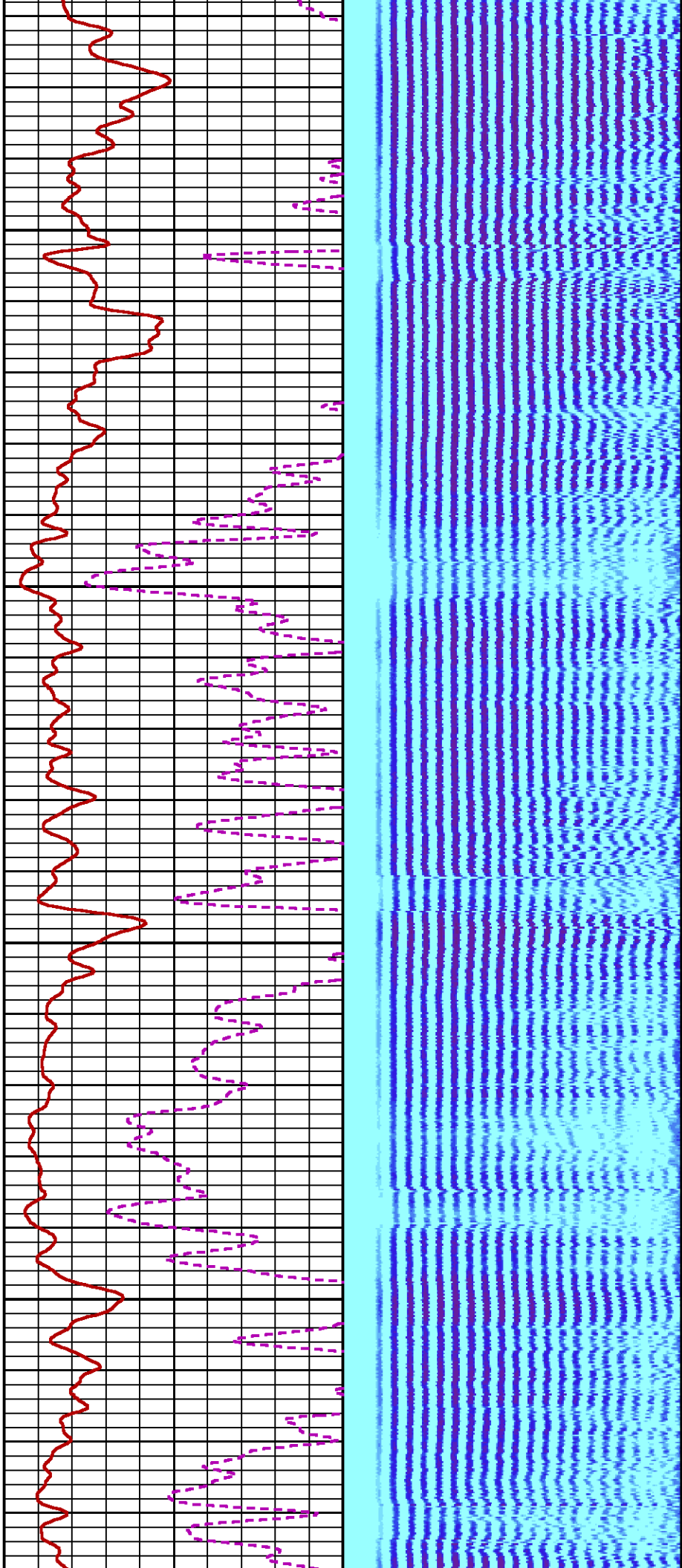


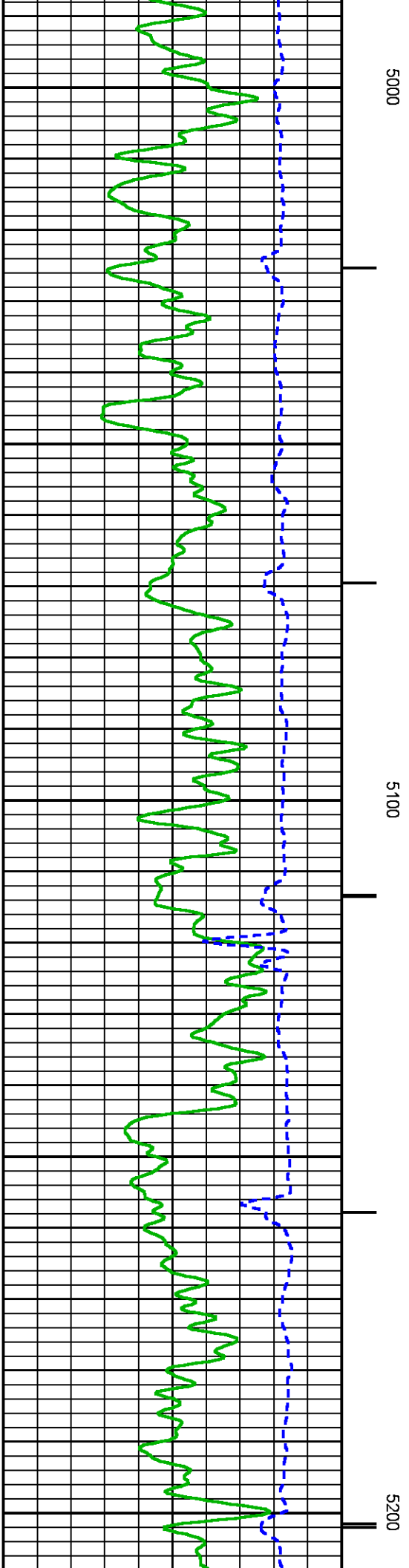
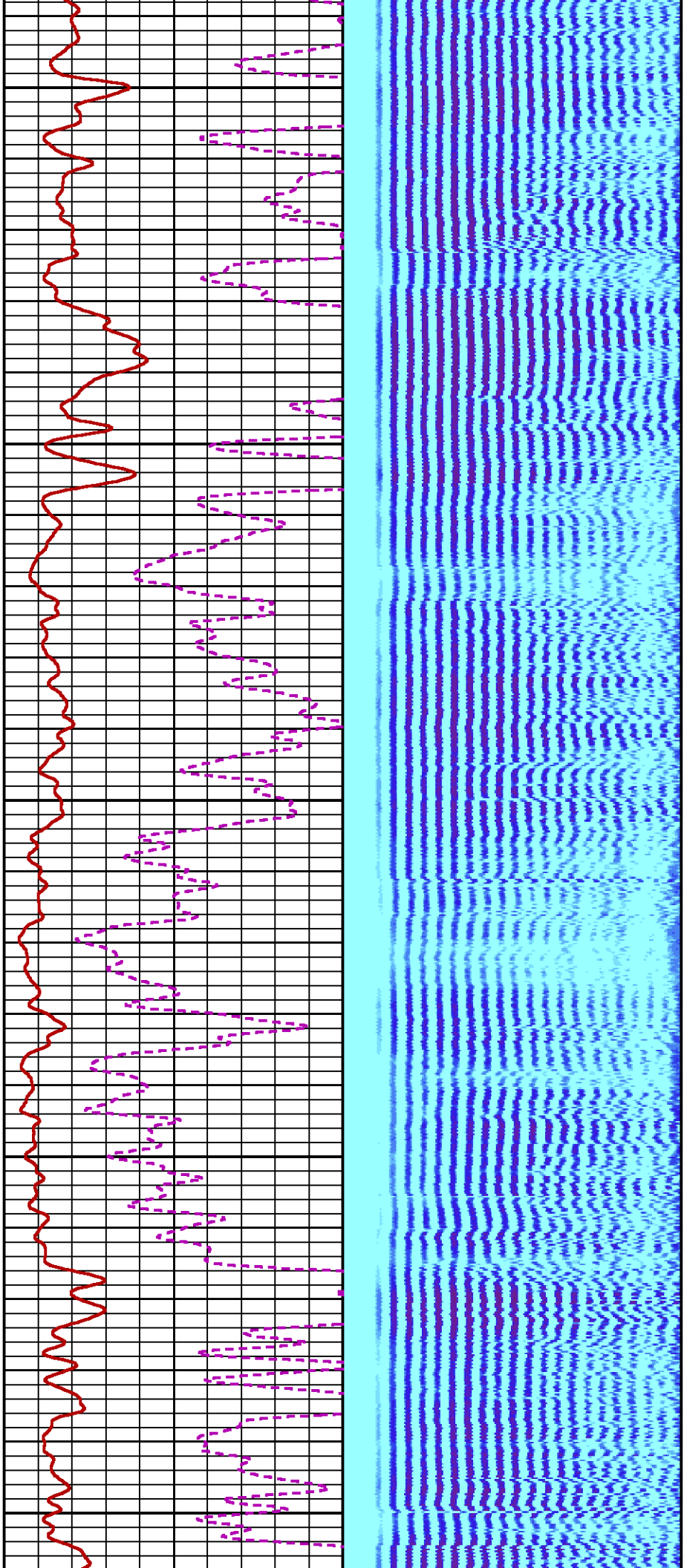


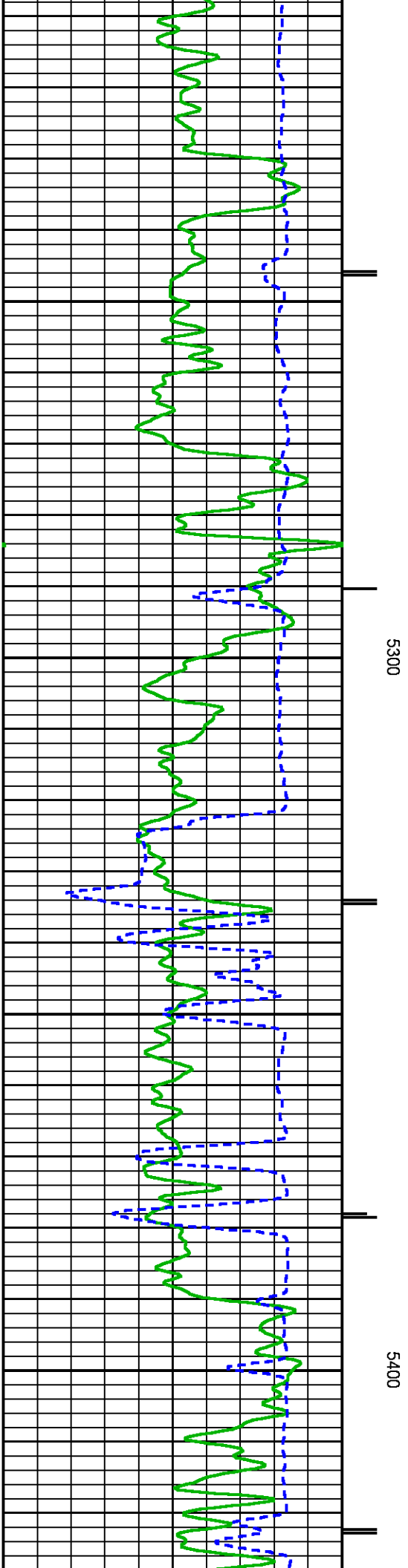
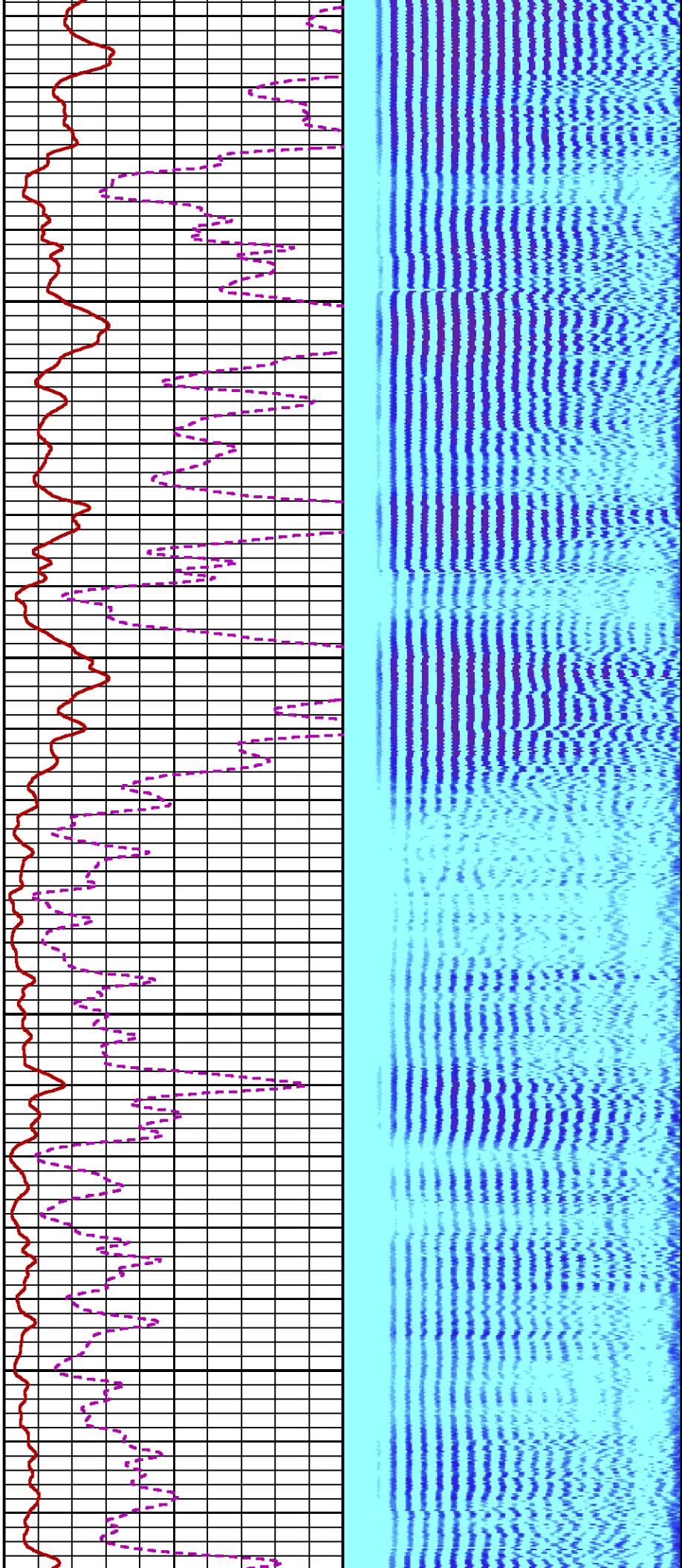


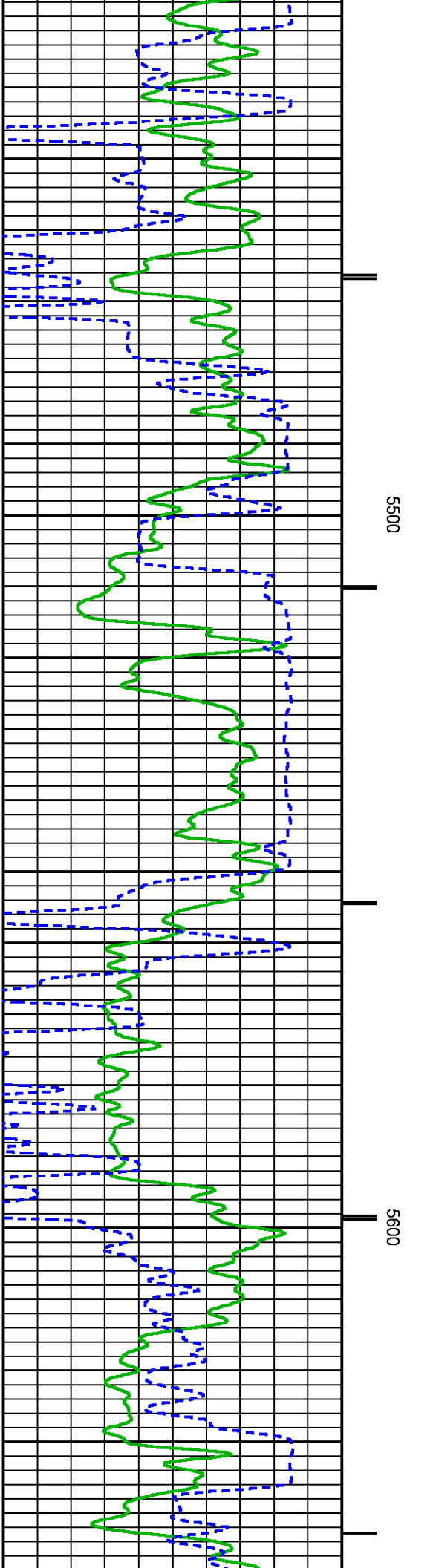
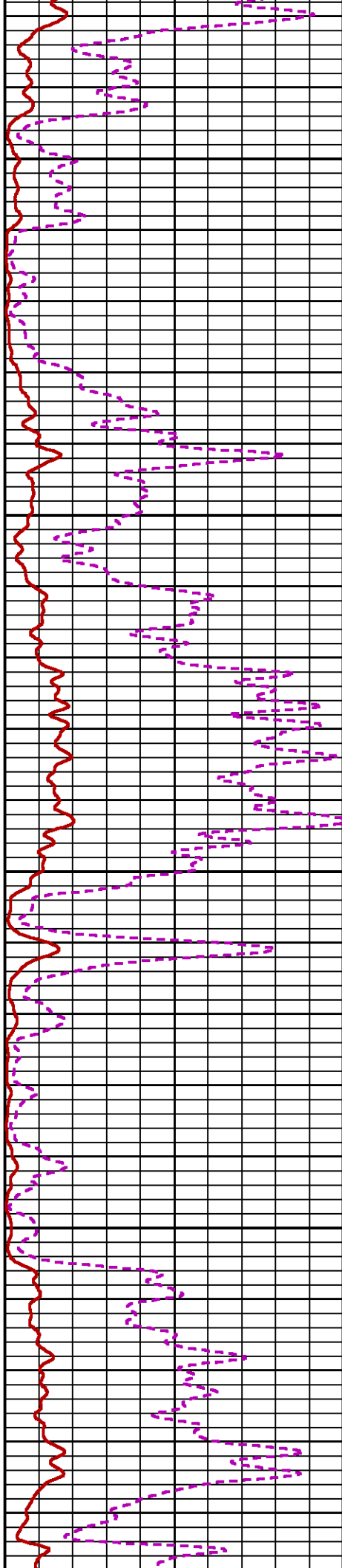
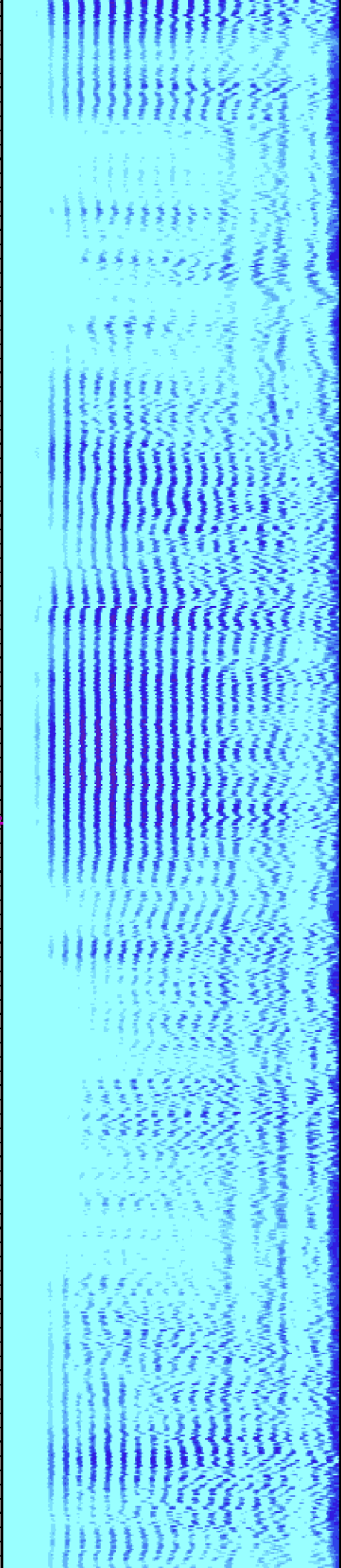


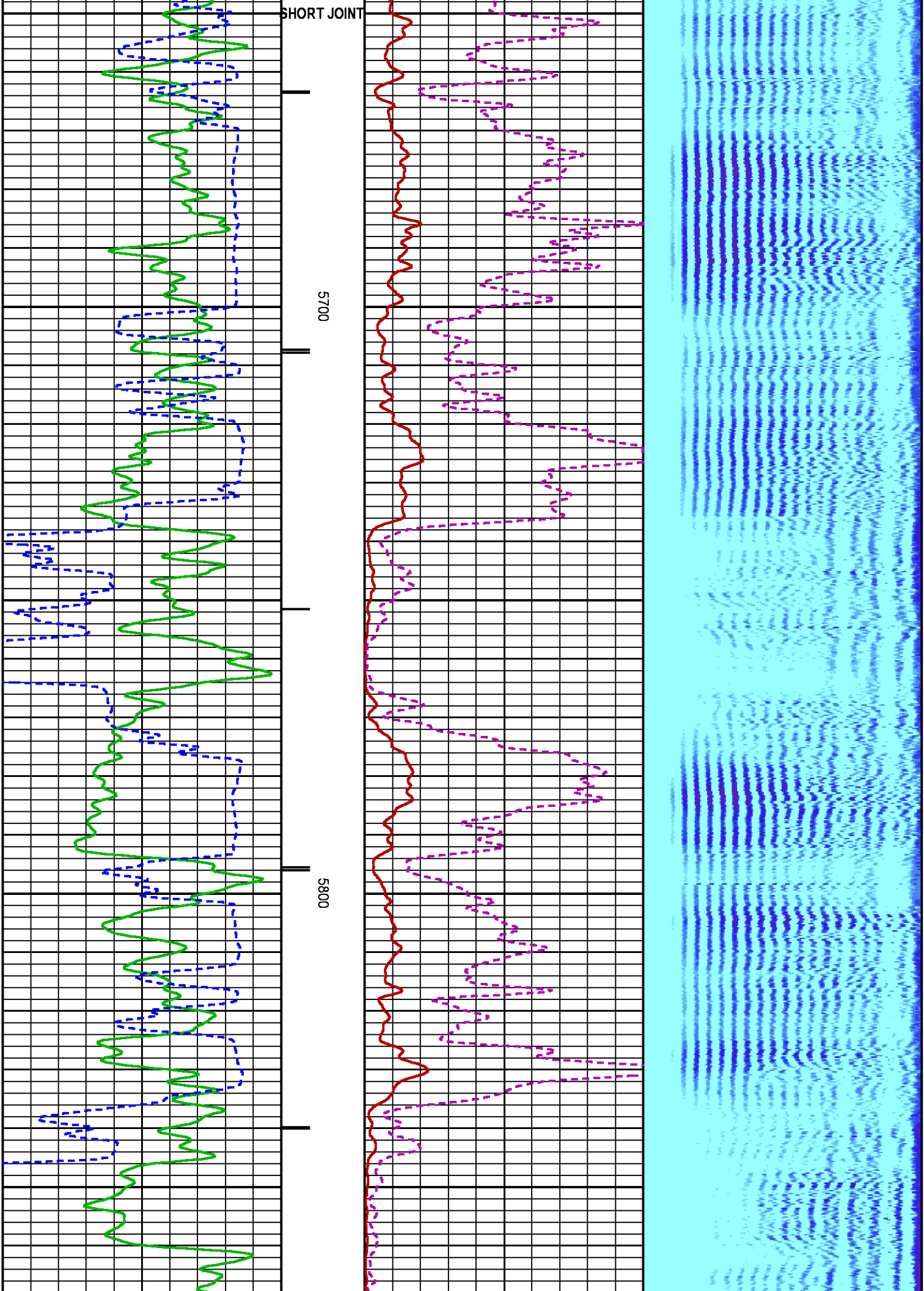


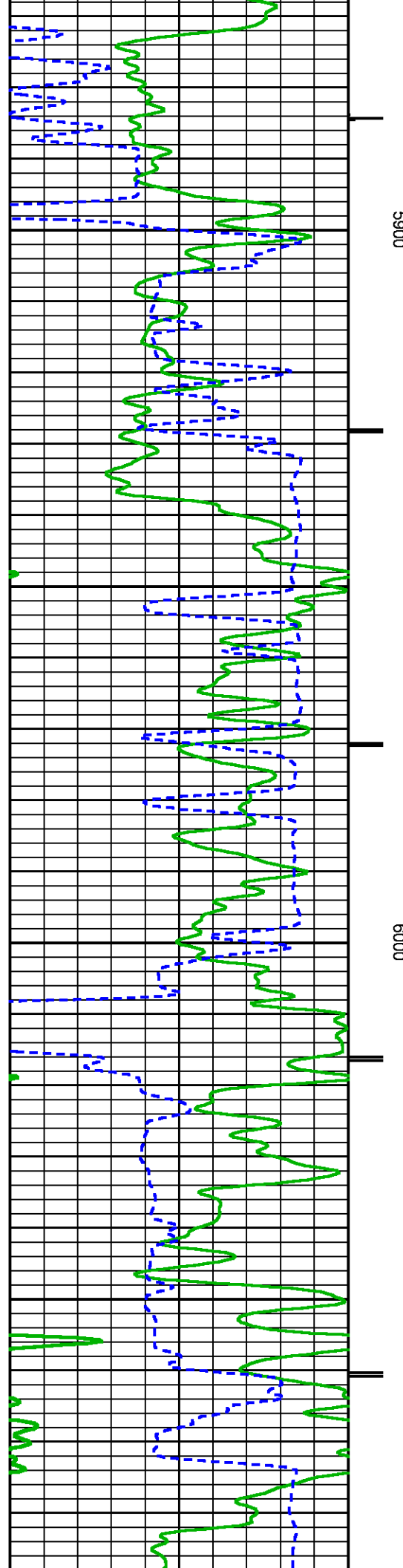
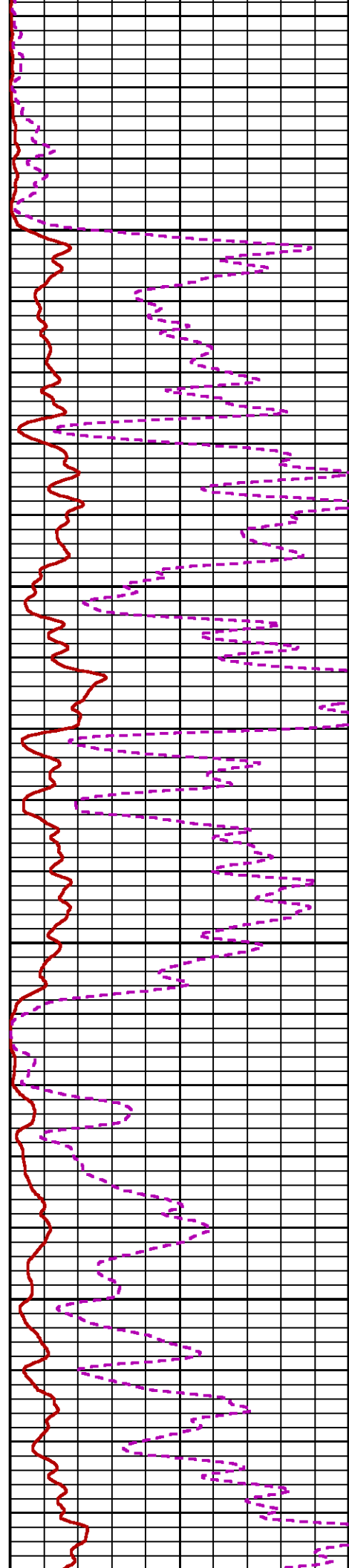
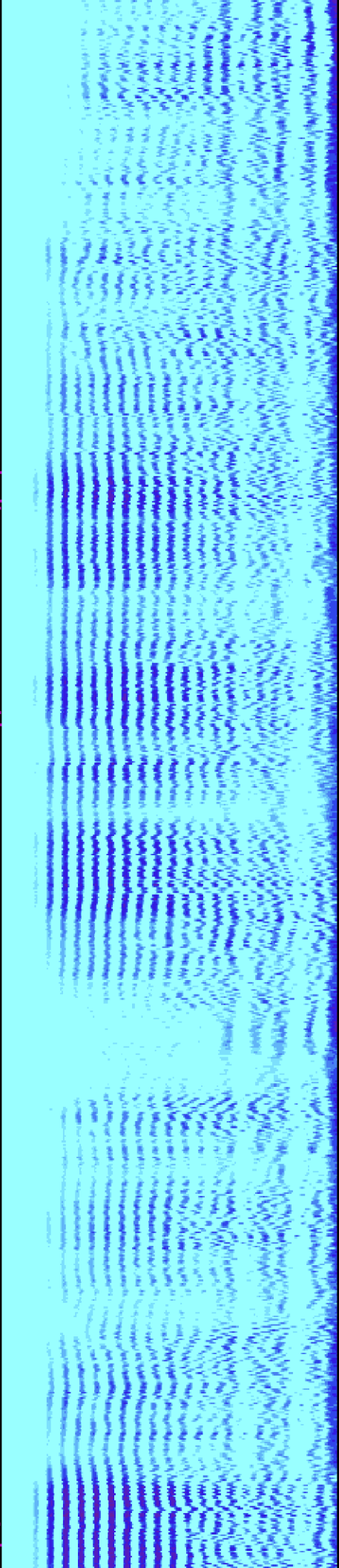


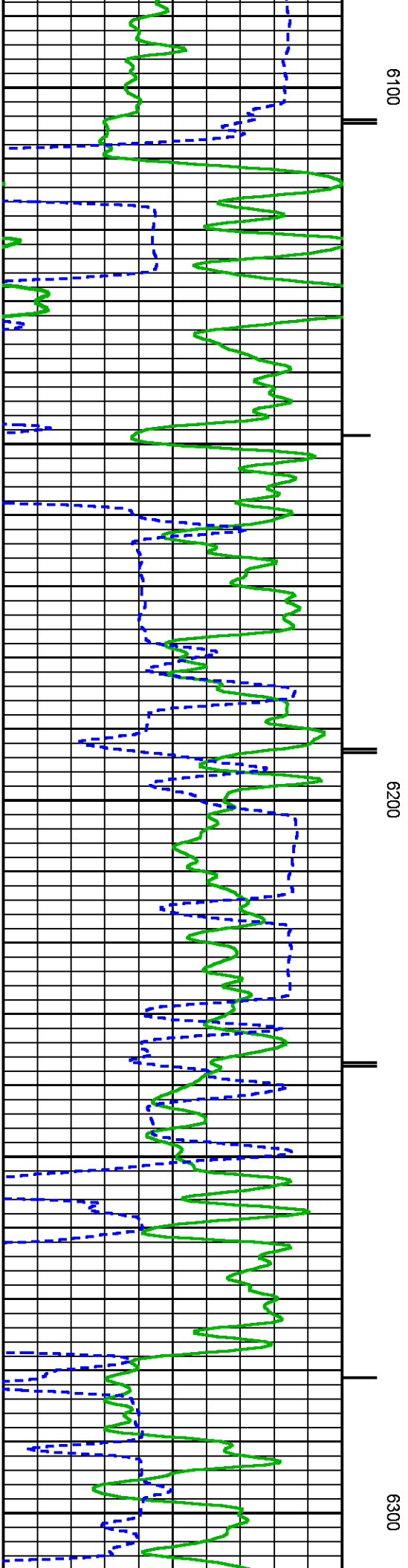
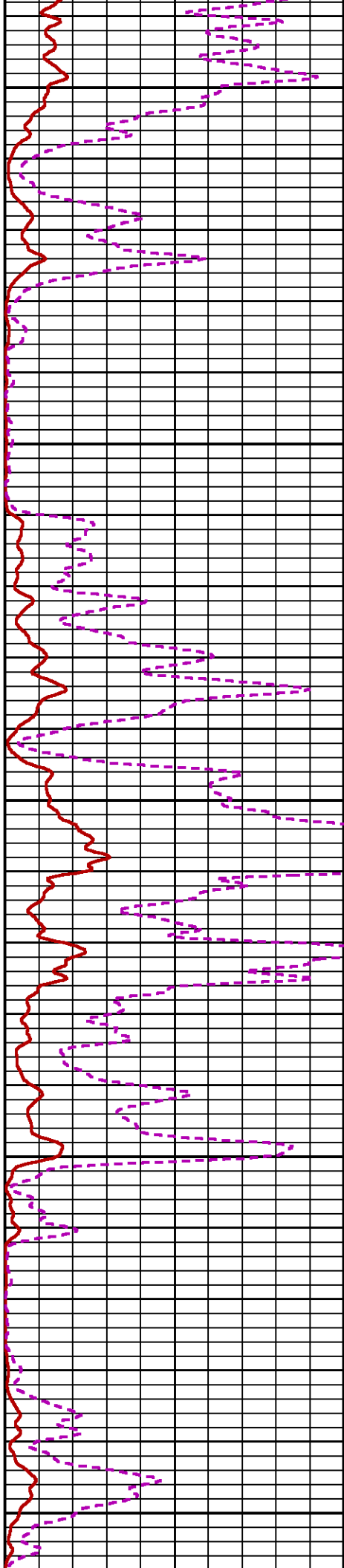
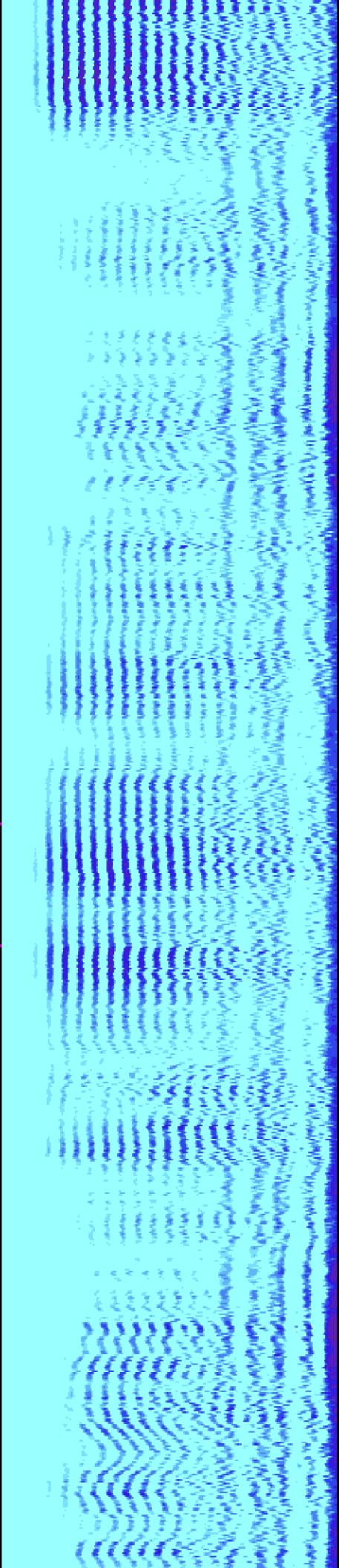


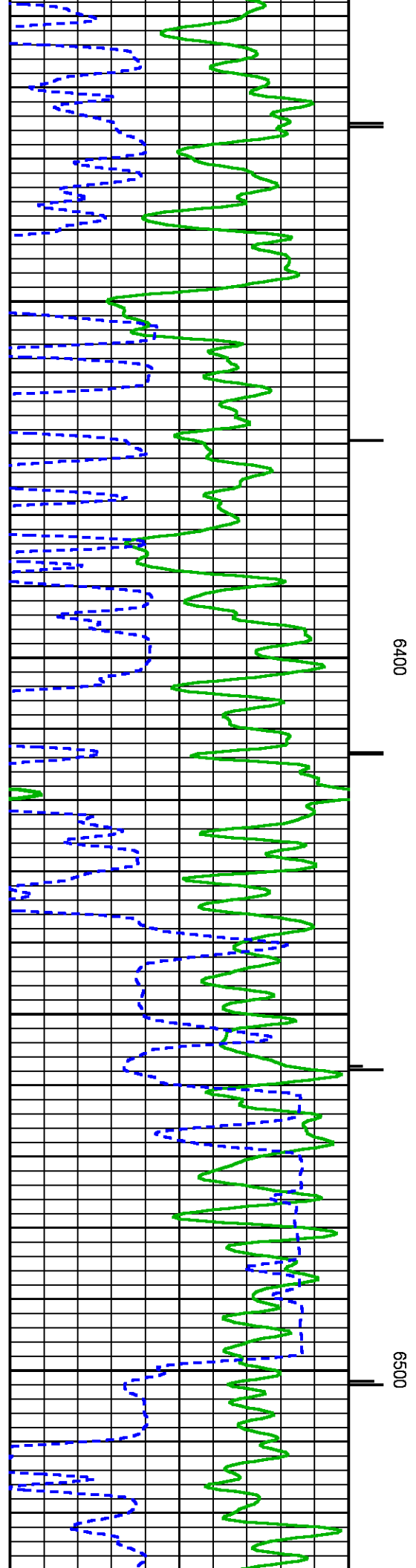
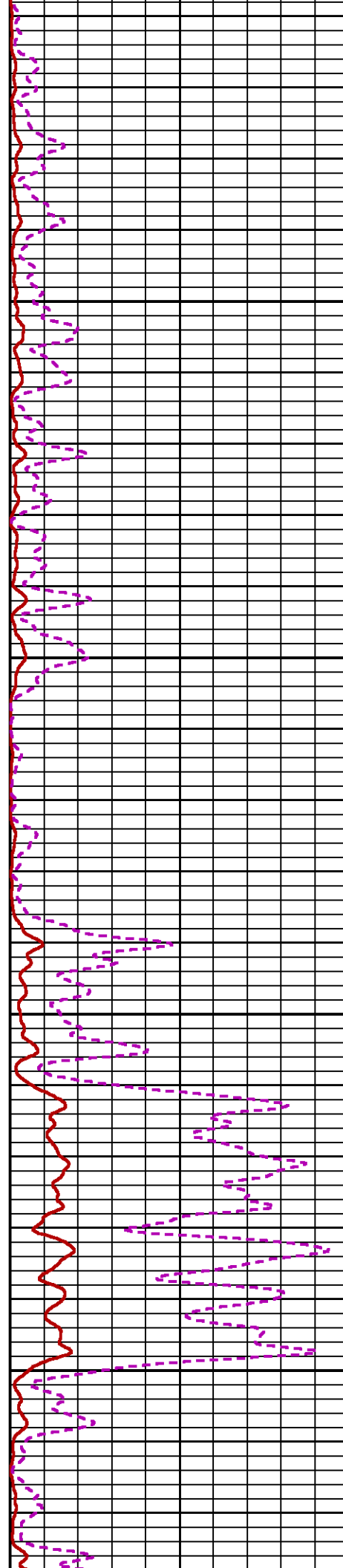
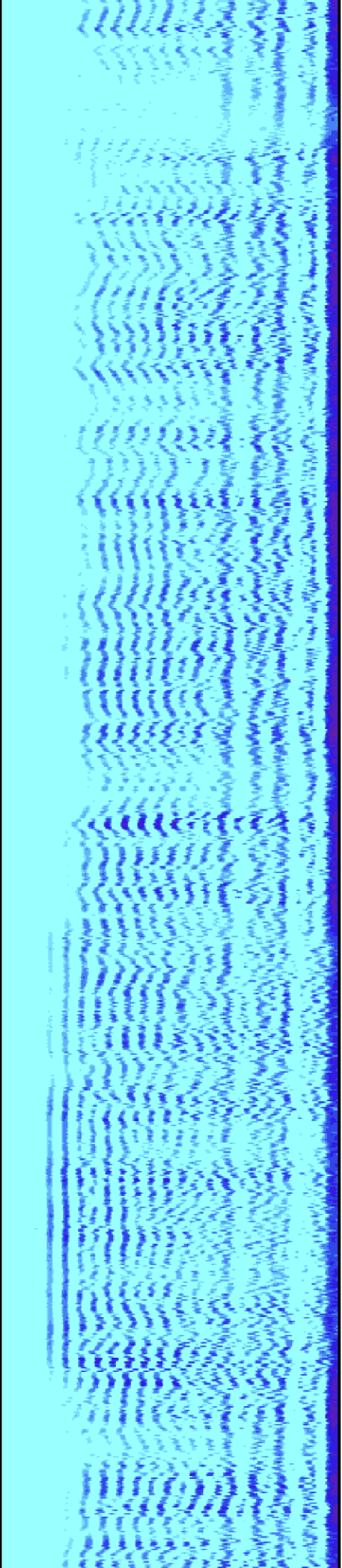


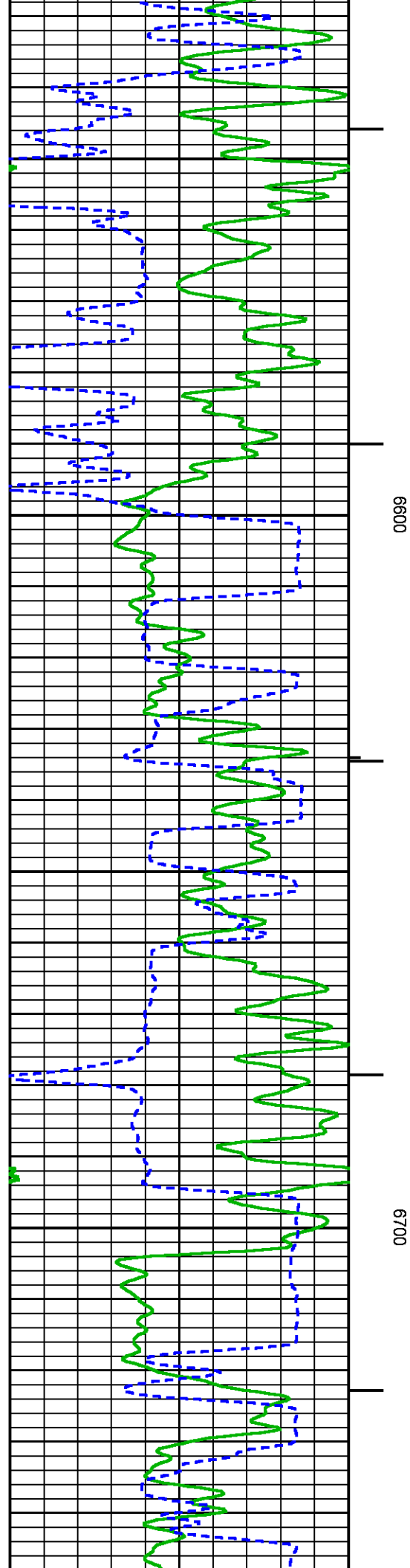
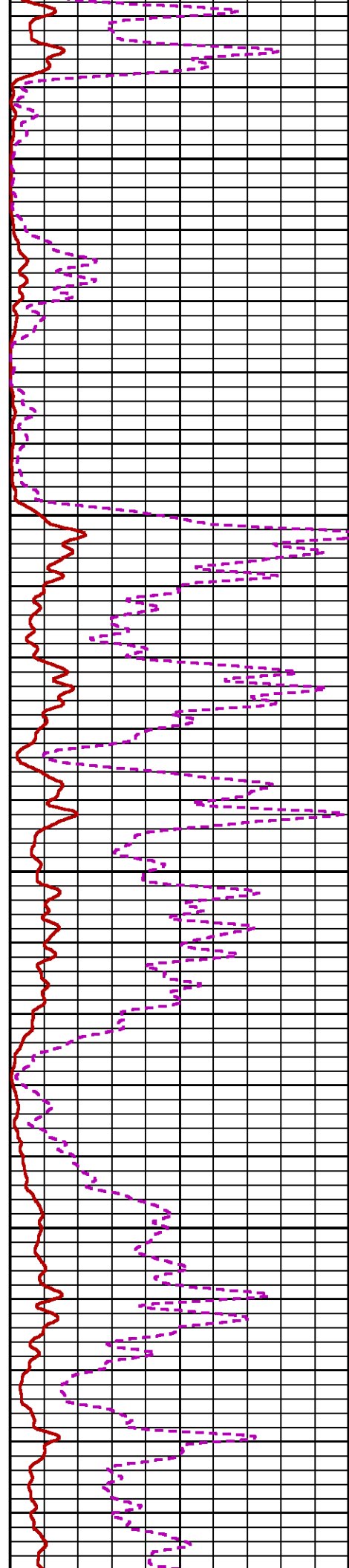
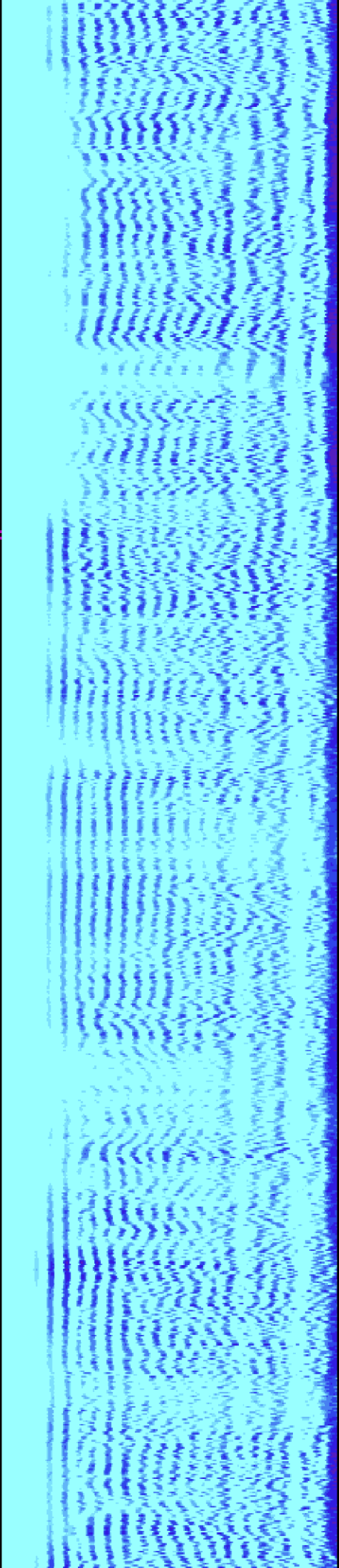


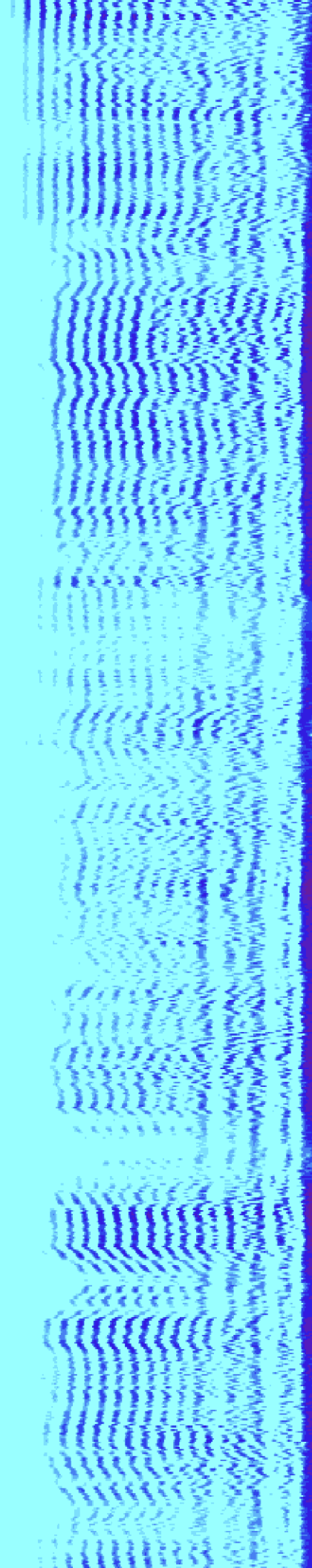
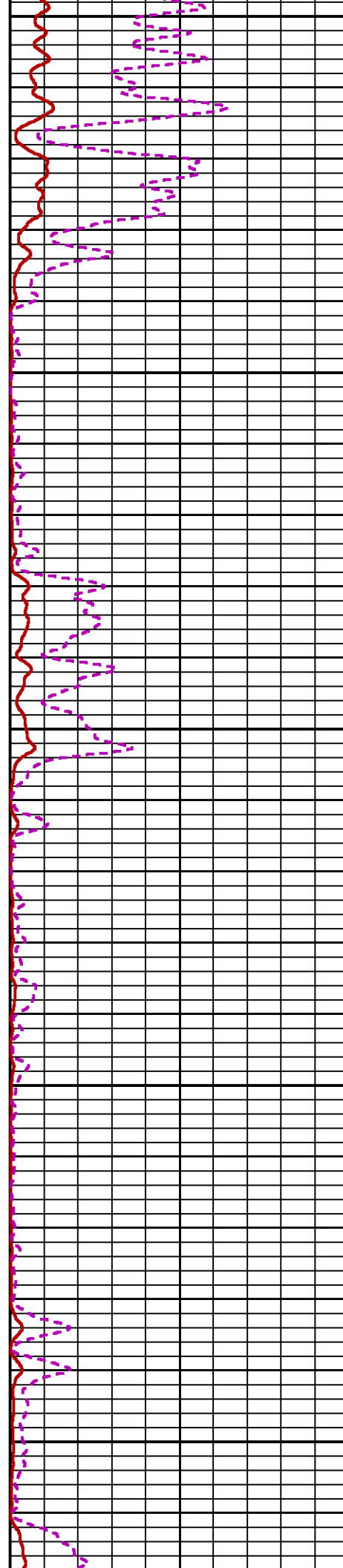
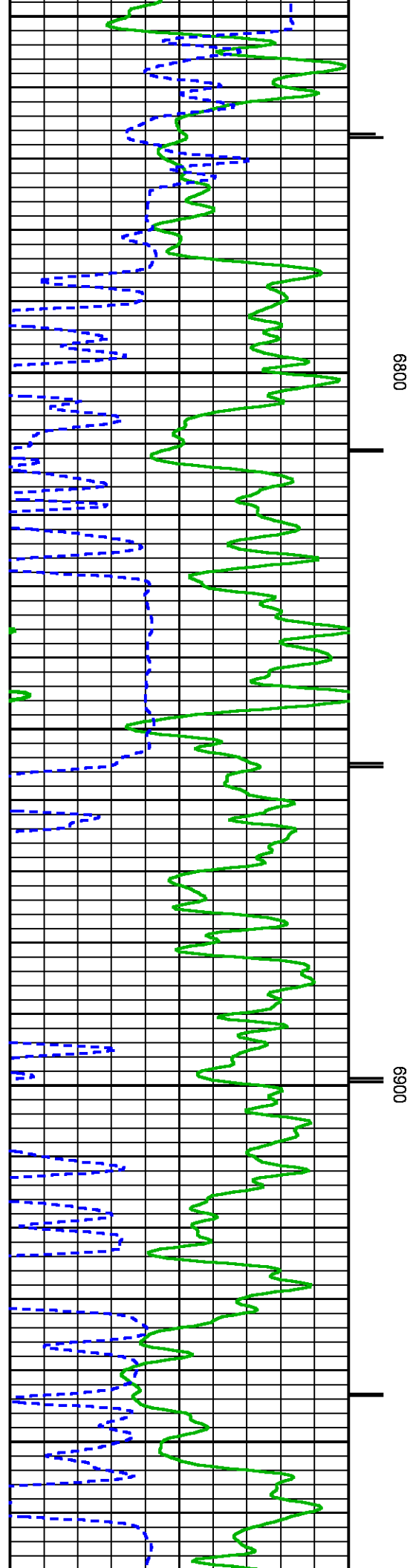


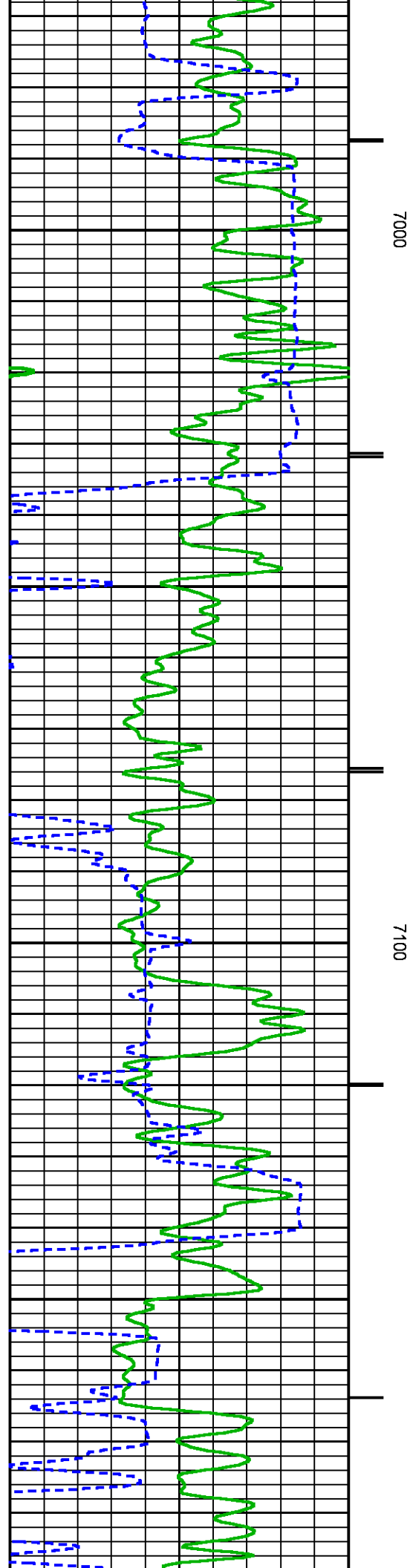
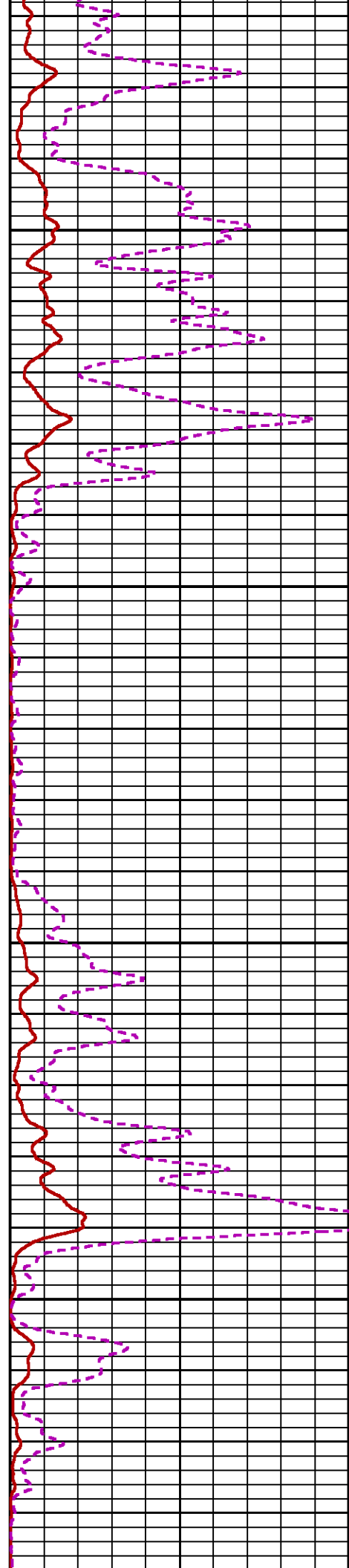
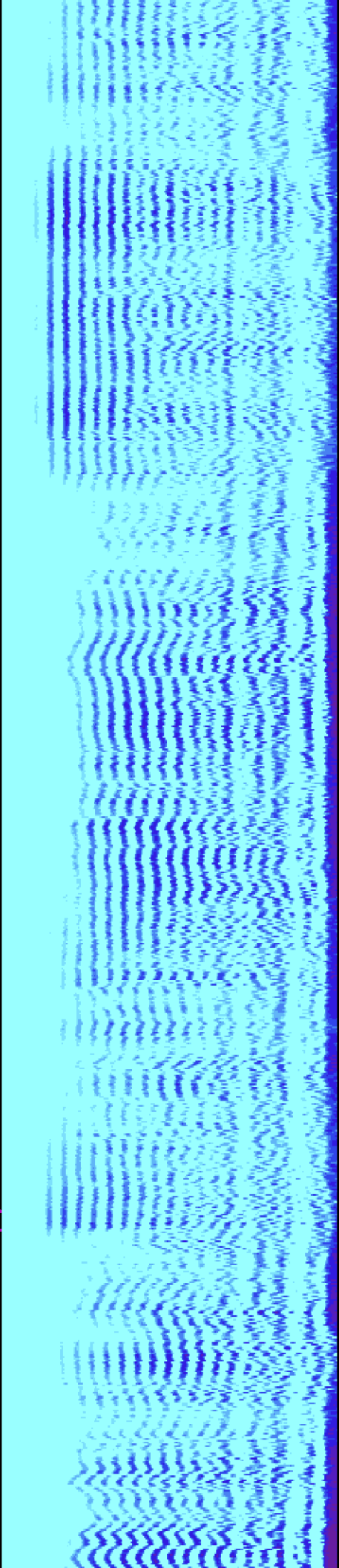


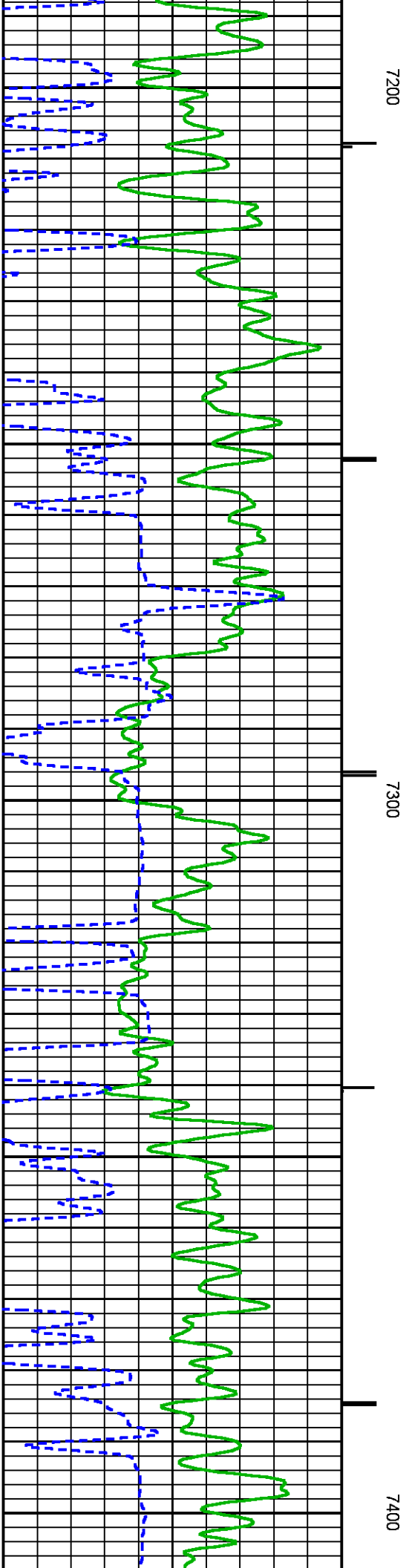
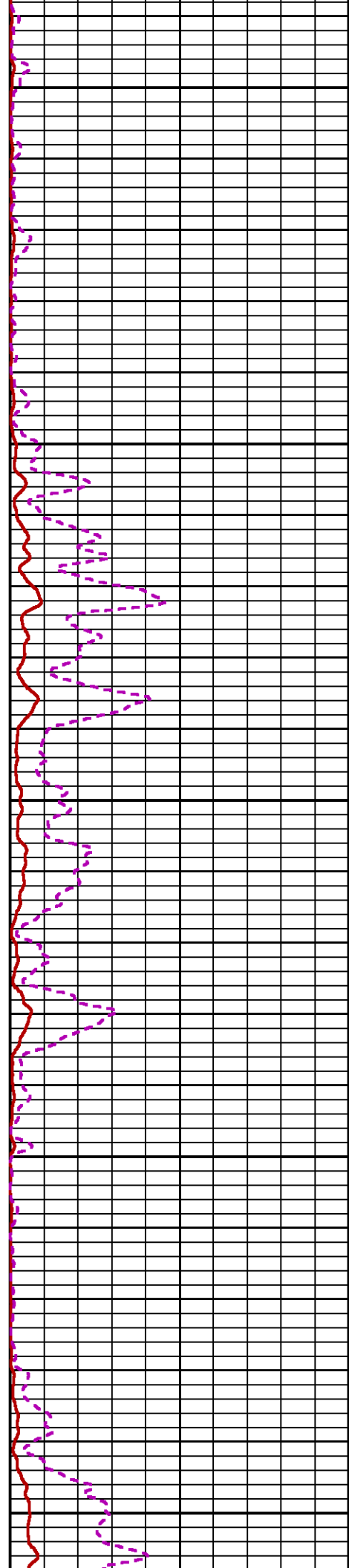
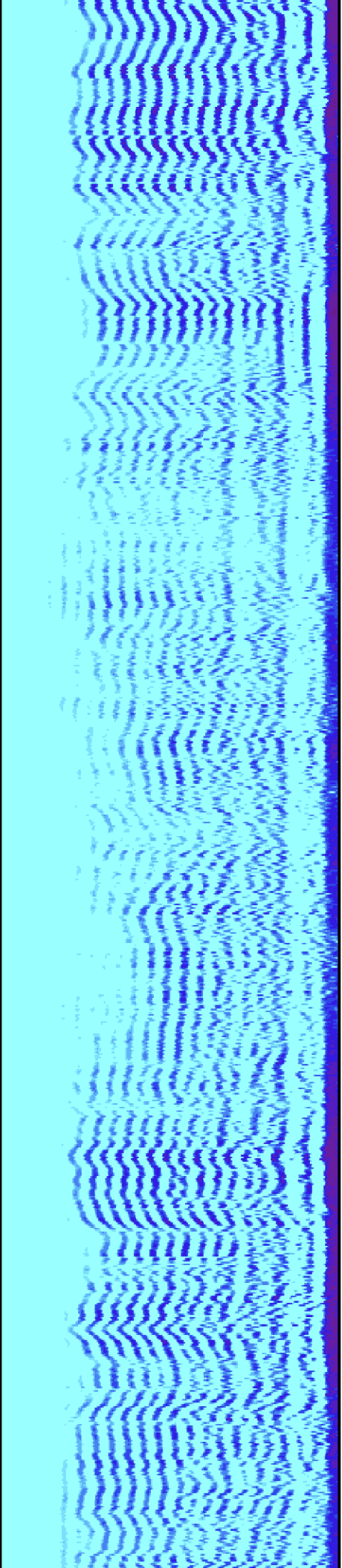


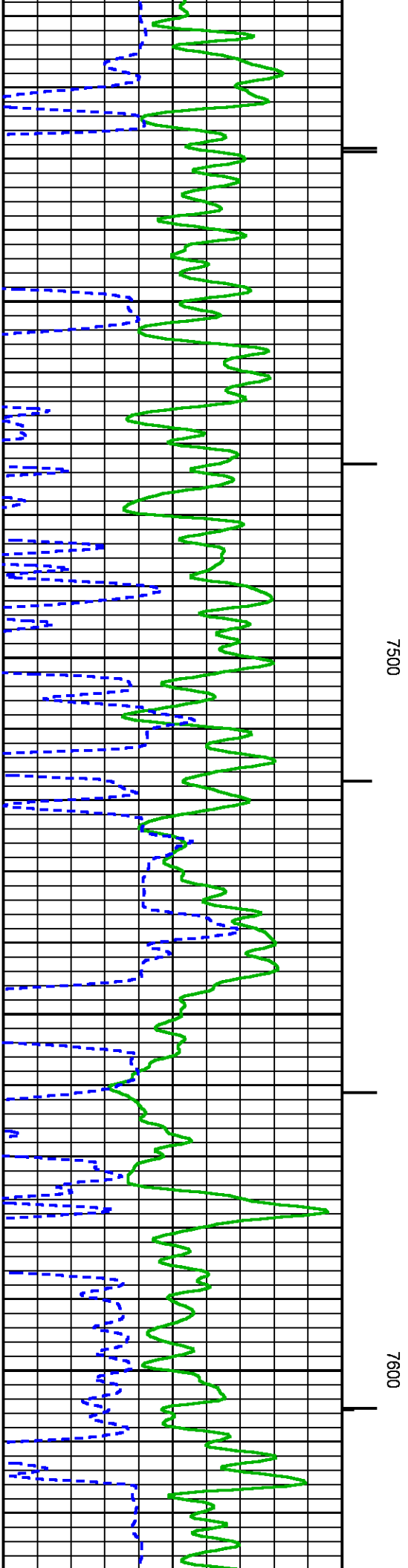
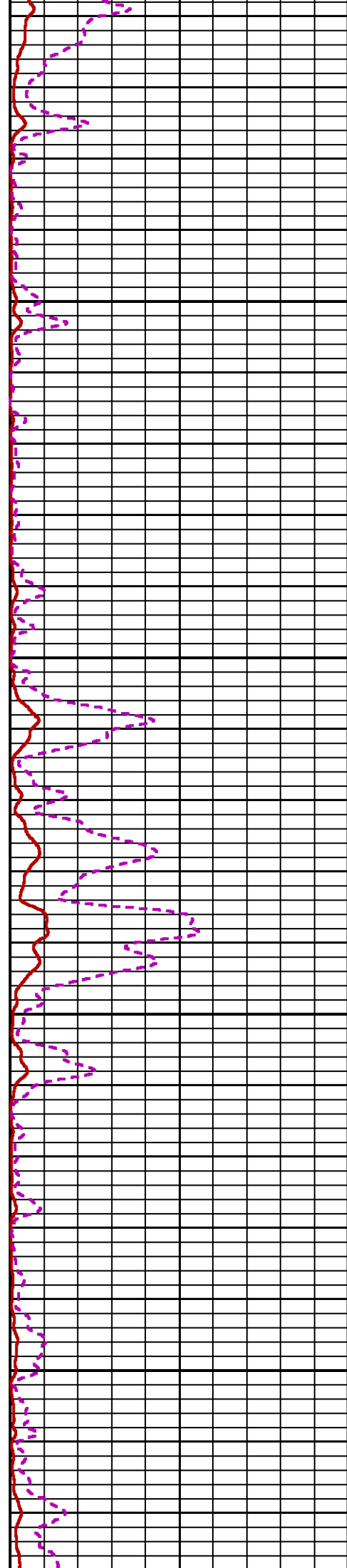
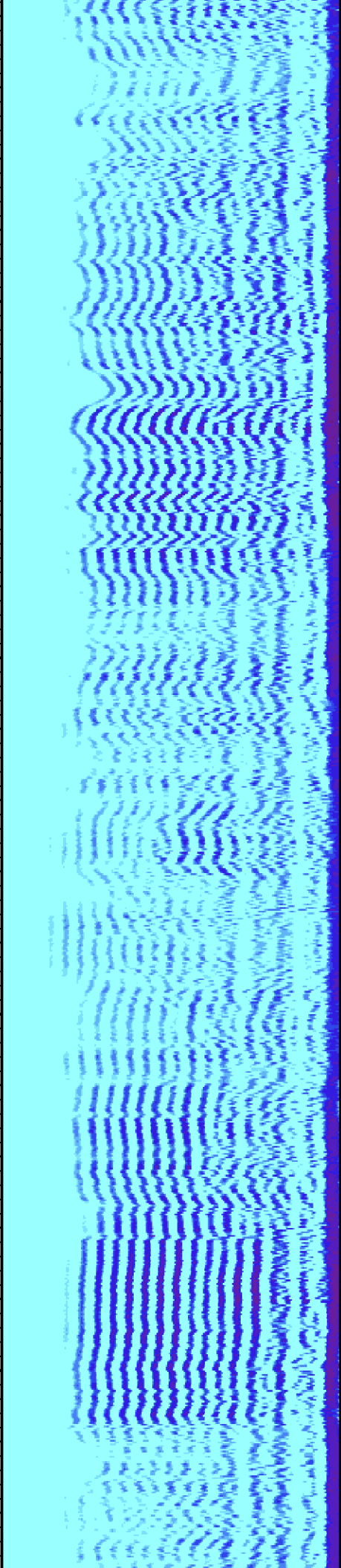


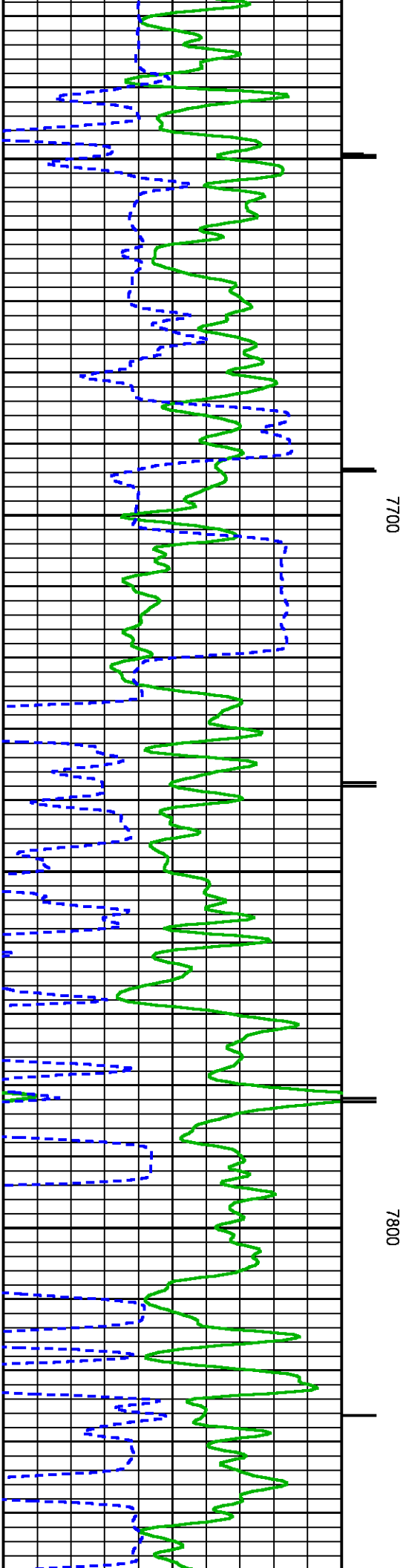
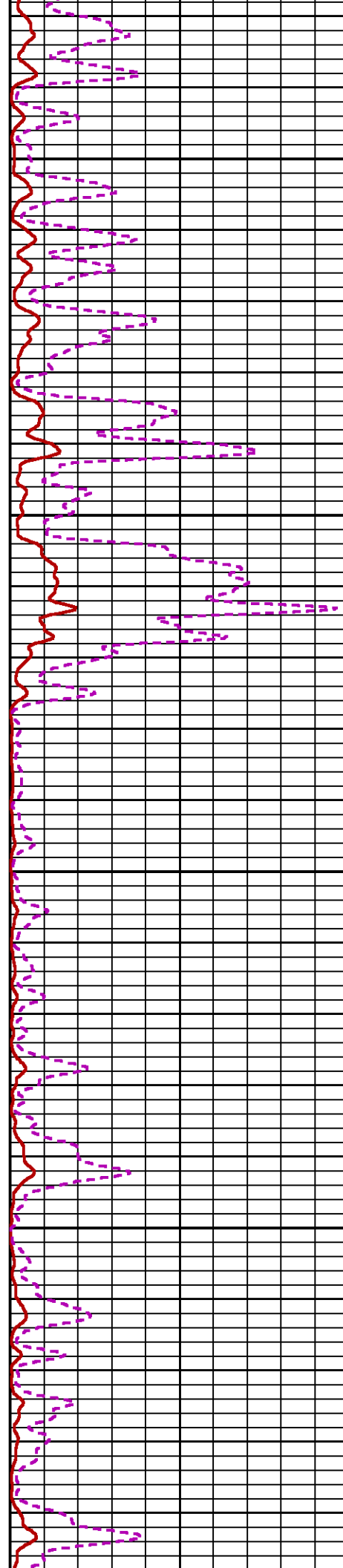
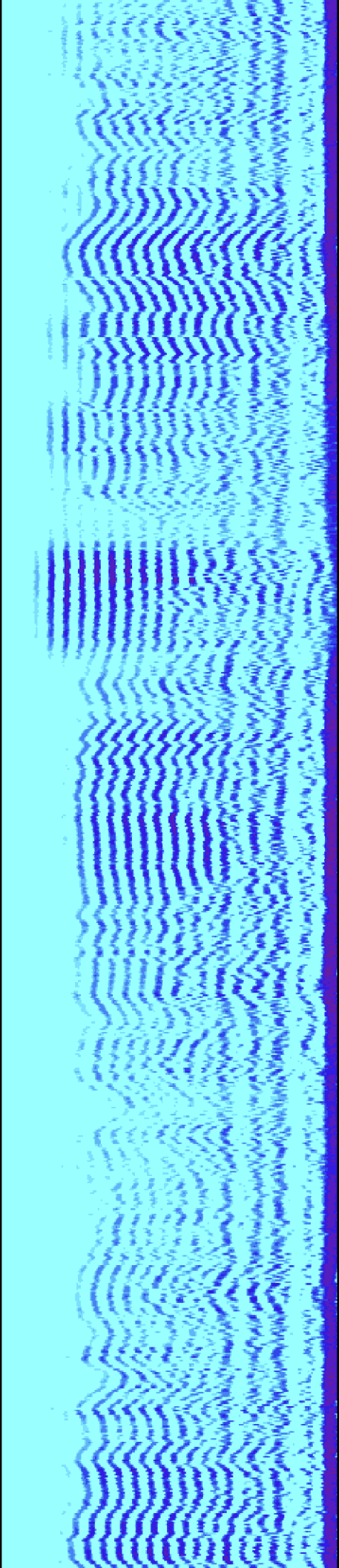


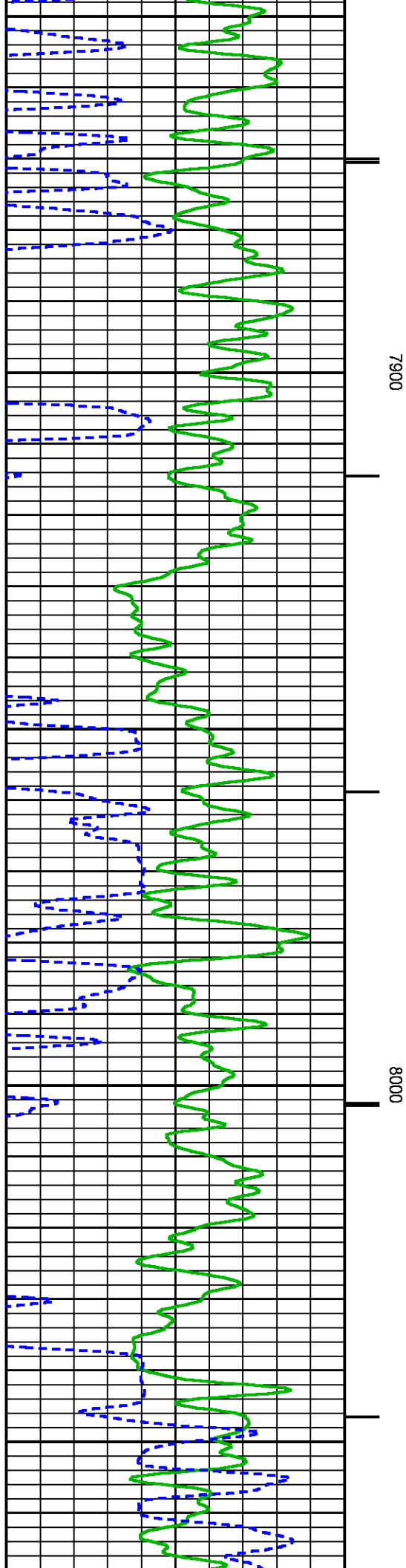
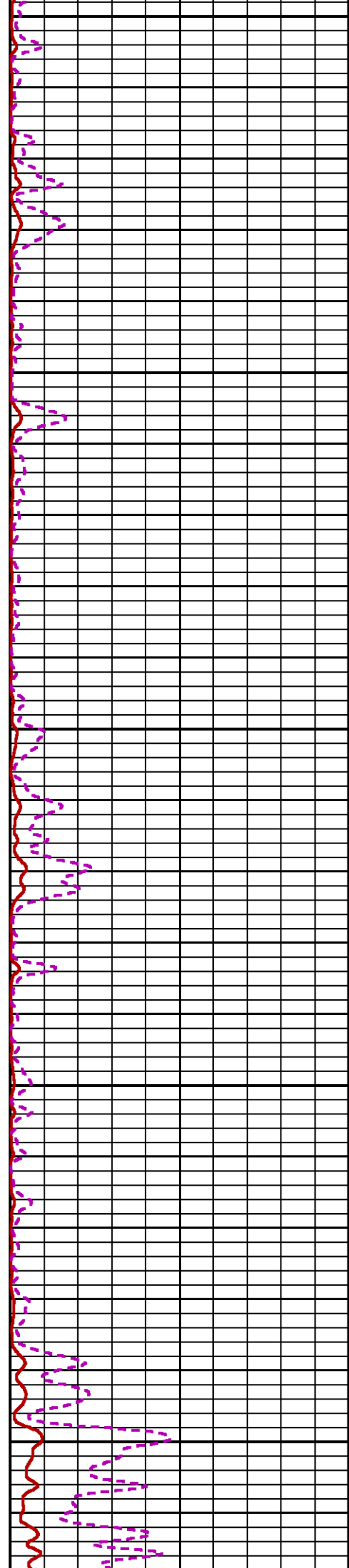
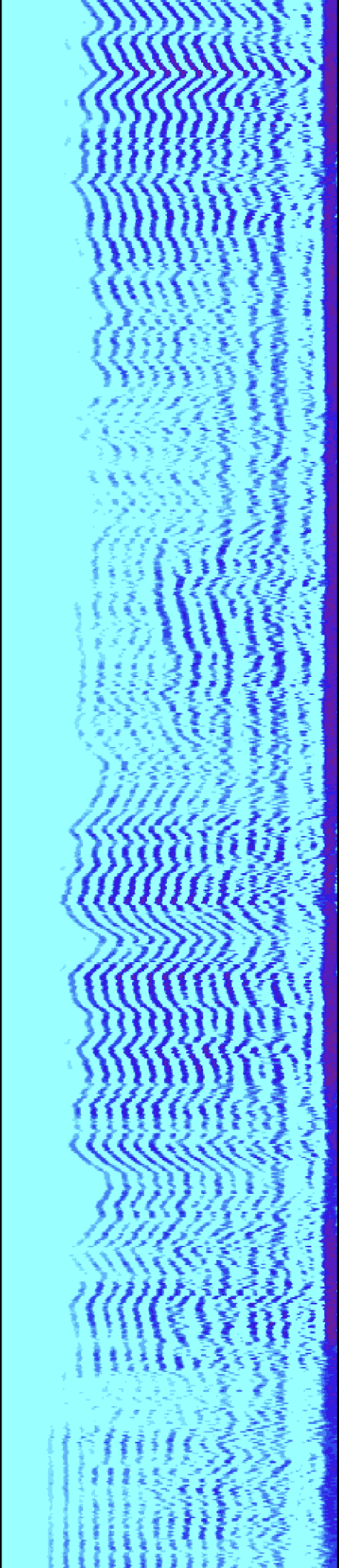


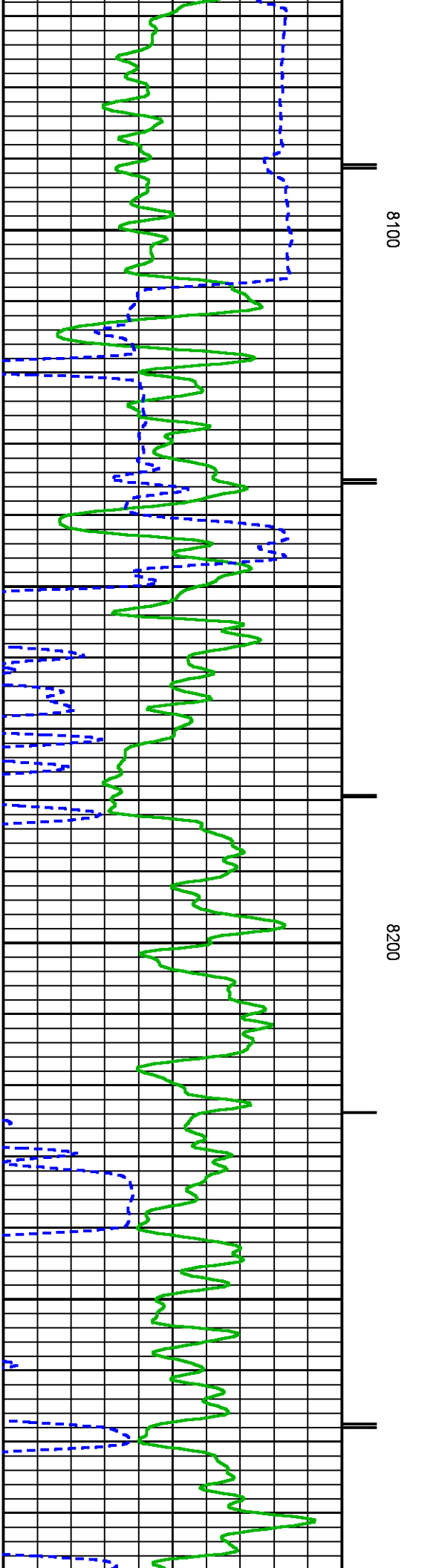
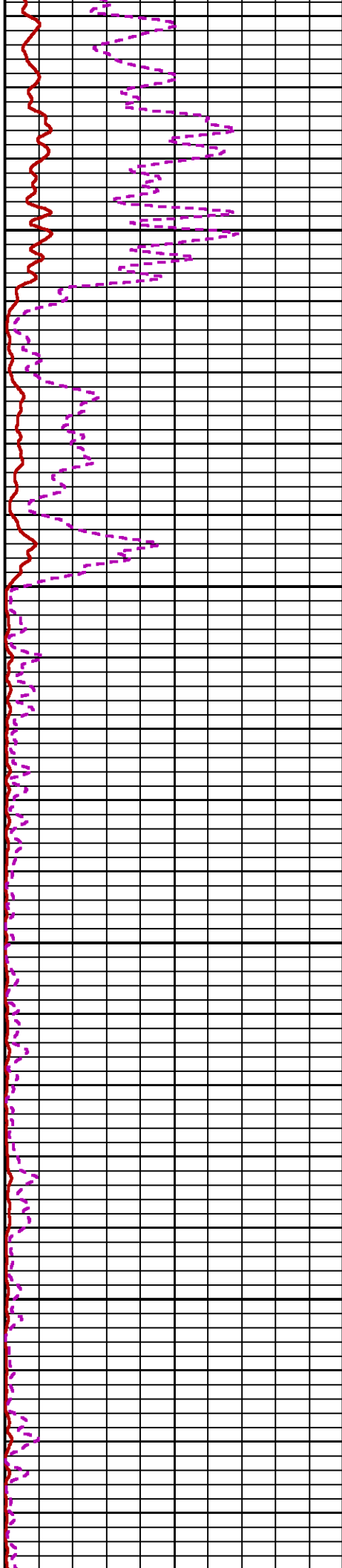
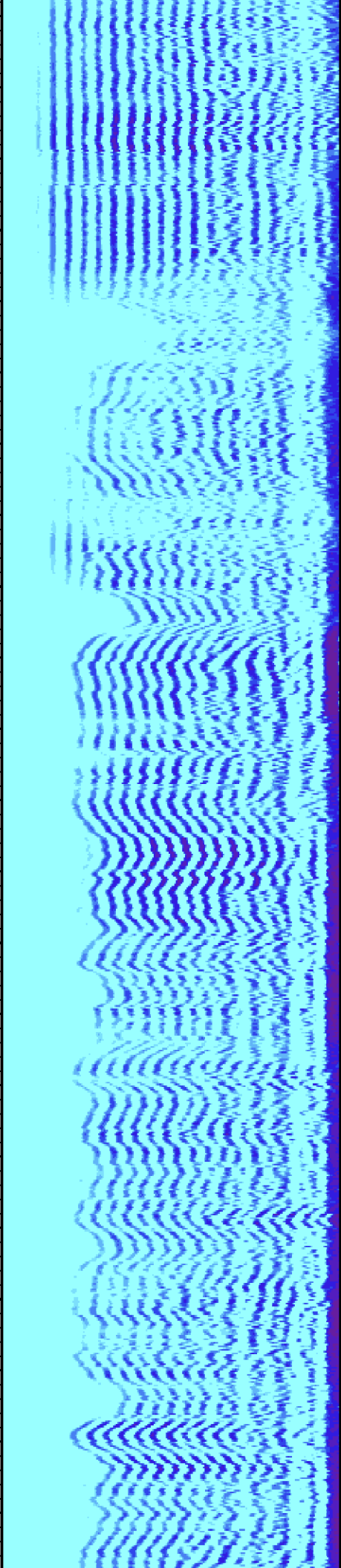


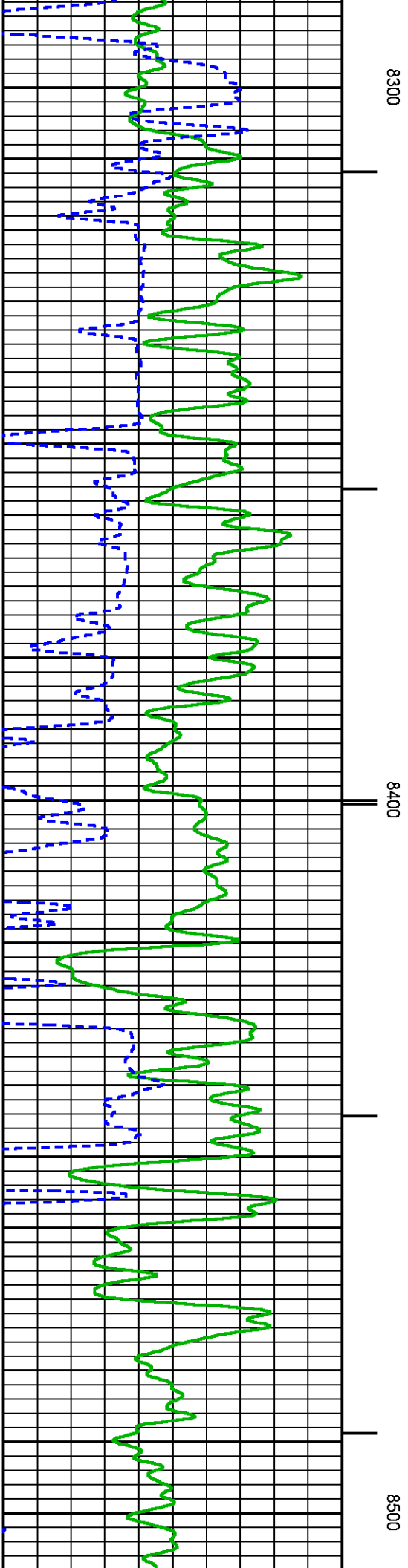
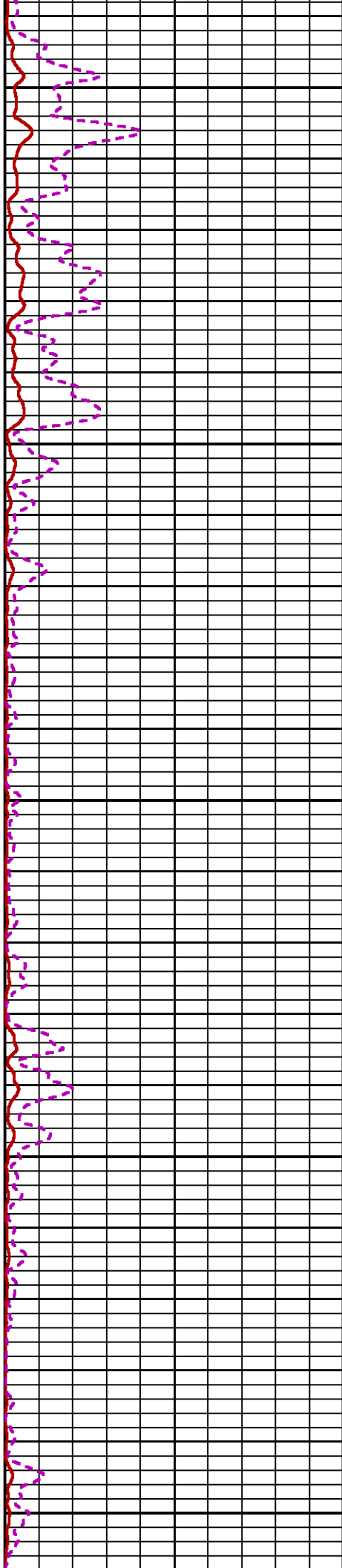
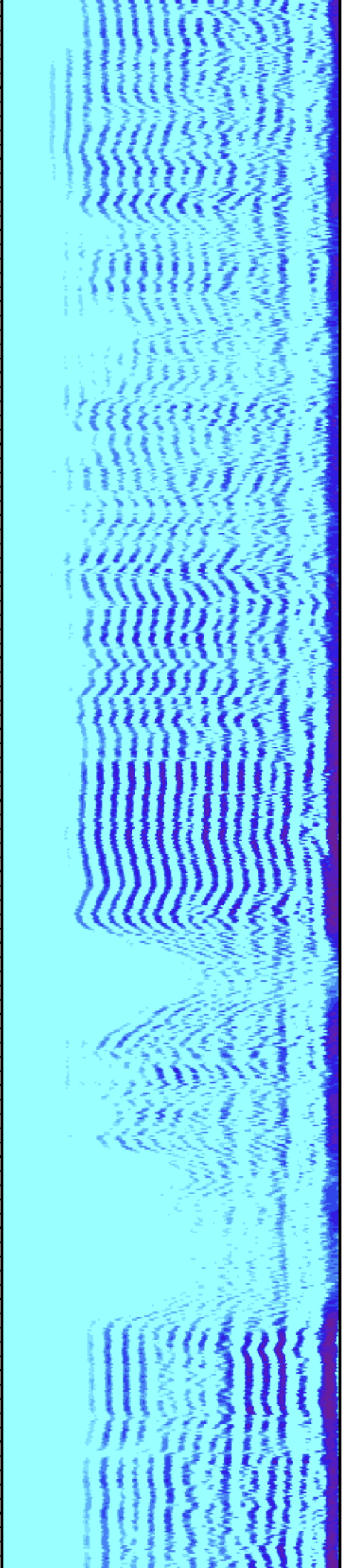


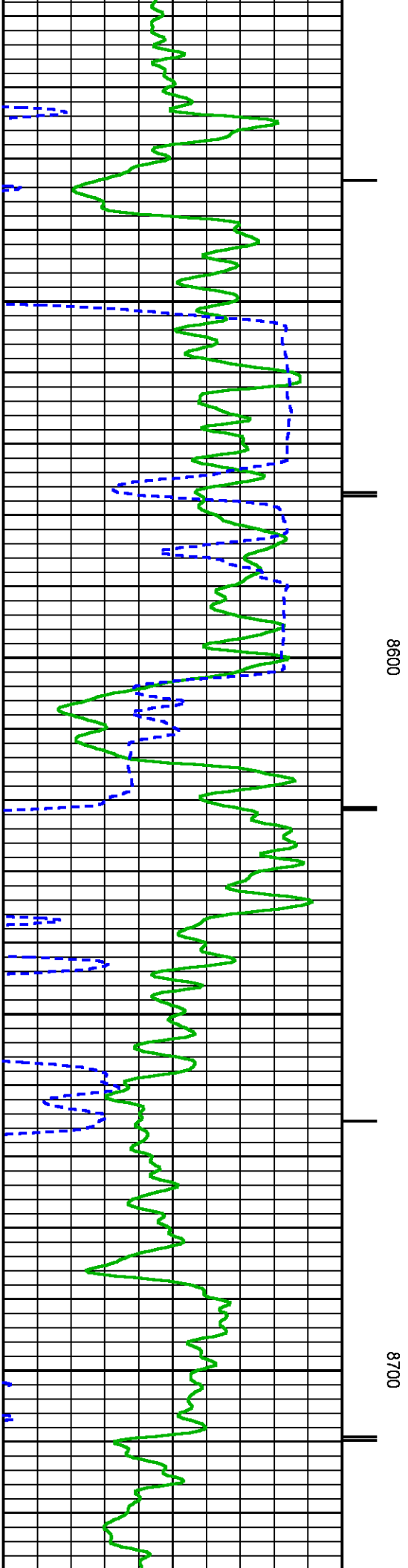
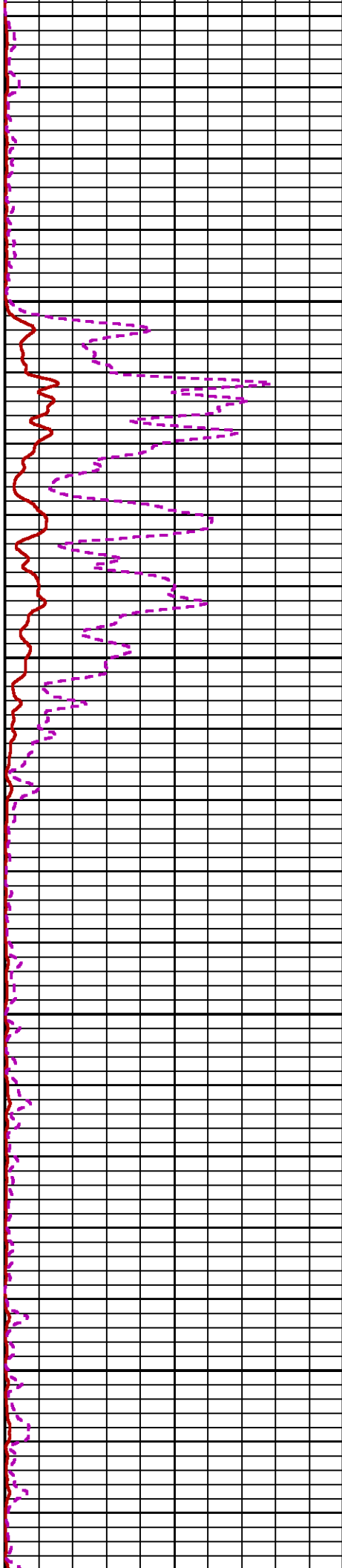
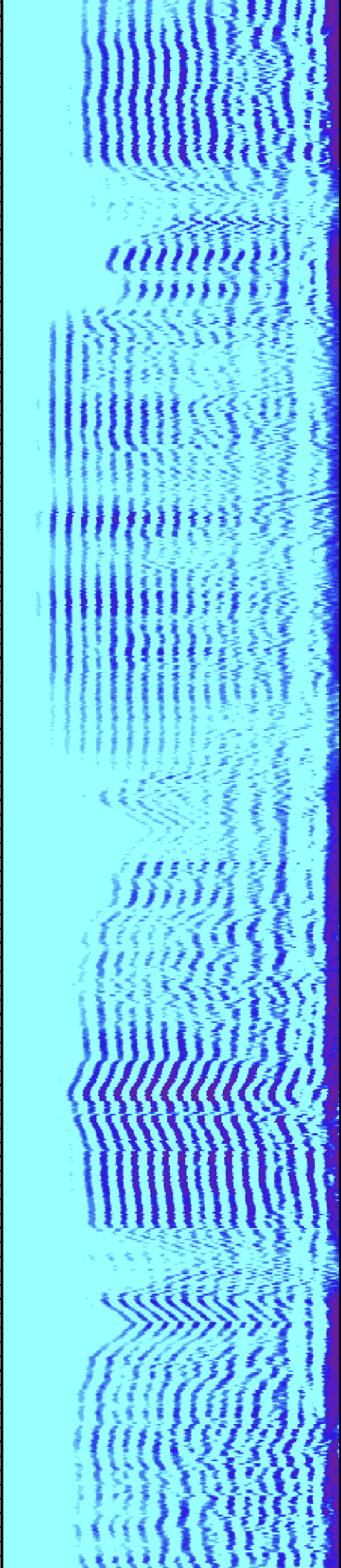


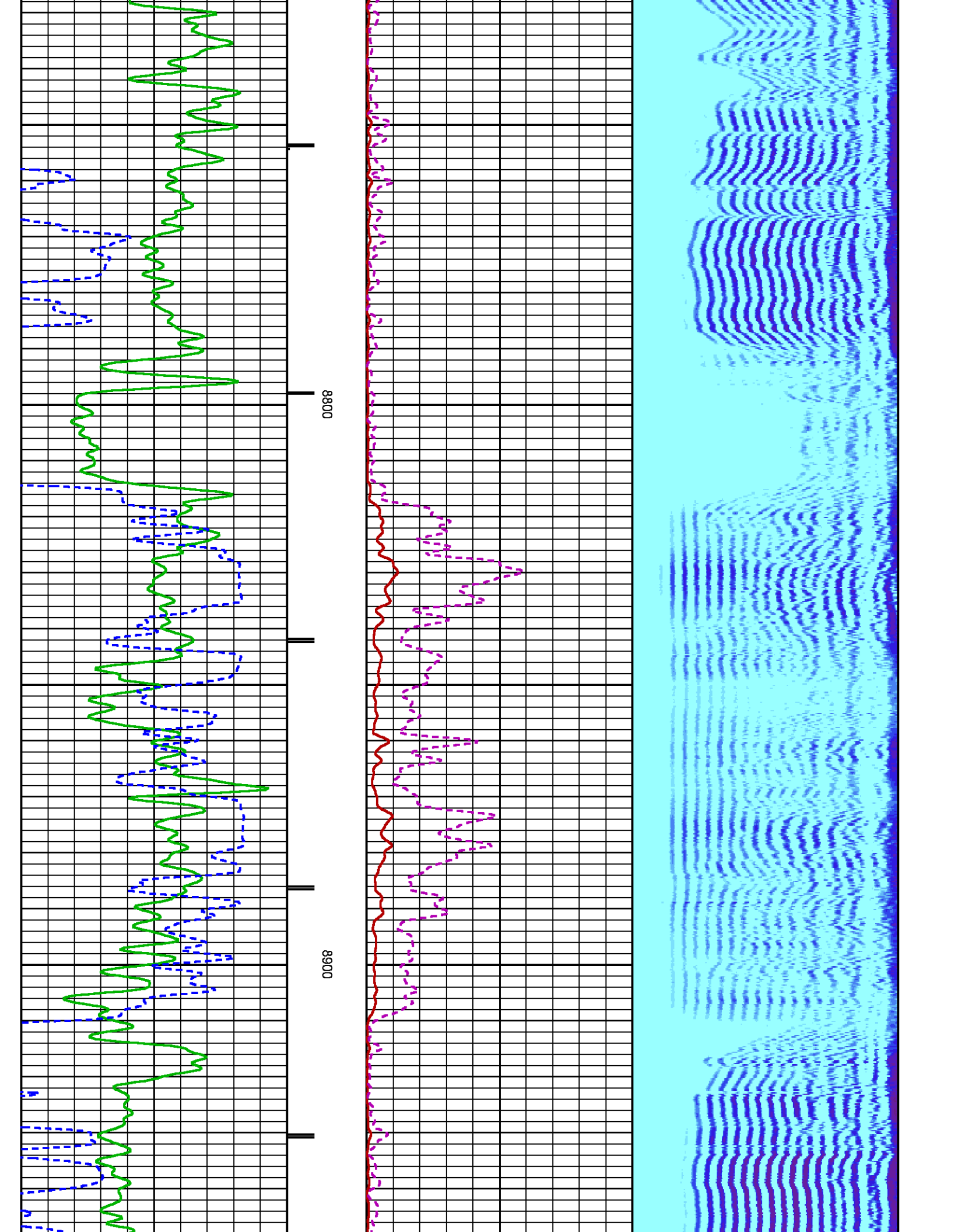


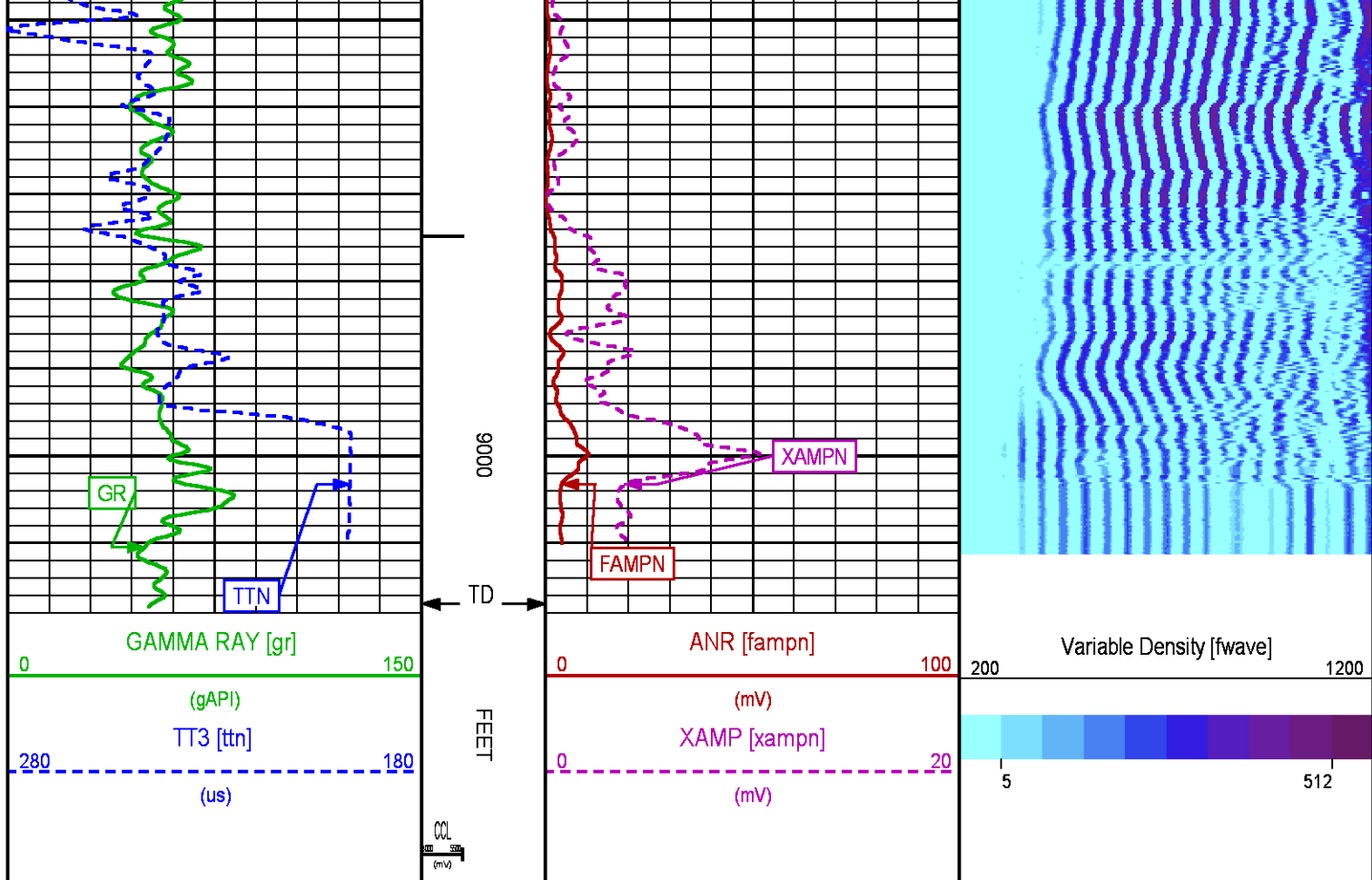












SECONDARY PRESENTATION 0 PSI

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

Updates: 1

Plotted: Wed Jul 2 20:04:30 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH087281/n012e02.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 25.500 ft BOTTOM DEPTH: 9019.000 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)	
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AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgp1*)	205	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	205	us	"	"
	AMP WINDOW START (fgp3*)	205	us	"	"
	AMP WINDOW START (fgp4*)	205	us	"	"
	AMP WINDOW START (fgp5*)	205	us	"	"
	AMP WINDOW START (fgp6*)	205	us	"	"
	AMP WINDOW START (fgp7*)	205	us	"	"
	AMP WINDOW START (fgp8*)	205	us	"	"
	AMP WINDOW START (fgpn*)	205	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*)	-63	us	"	"
	TOOL DELAY (str2*)	-63	us	"	"
	TOOL DELAY (str3*)	-63	us	"	"
	TOOL DELAY (str4*)	-63	us	"	"
	TOOL DELAY (str5*)	-63	us	"	"
	TOOL DELAY (str6*)	-63	us	"	"
	TOOL DELAY (str7*)	-63	us	"	"
	TOOL DELAY (str8*)	-63	us	"	"
	TOOL DELAY (strn*)	-63	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

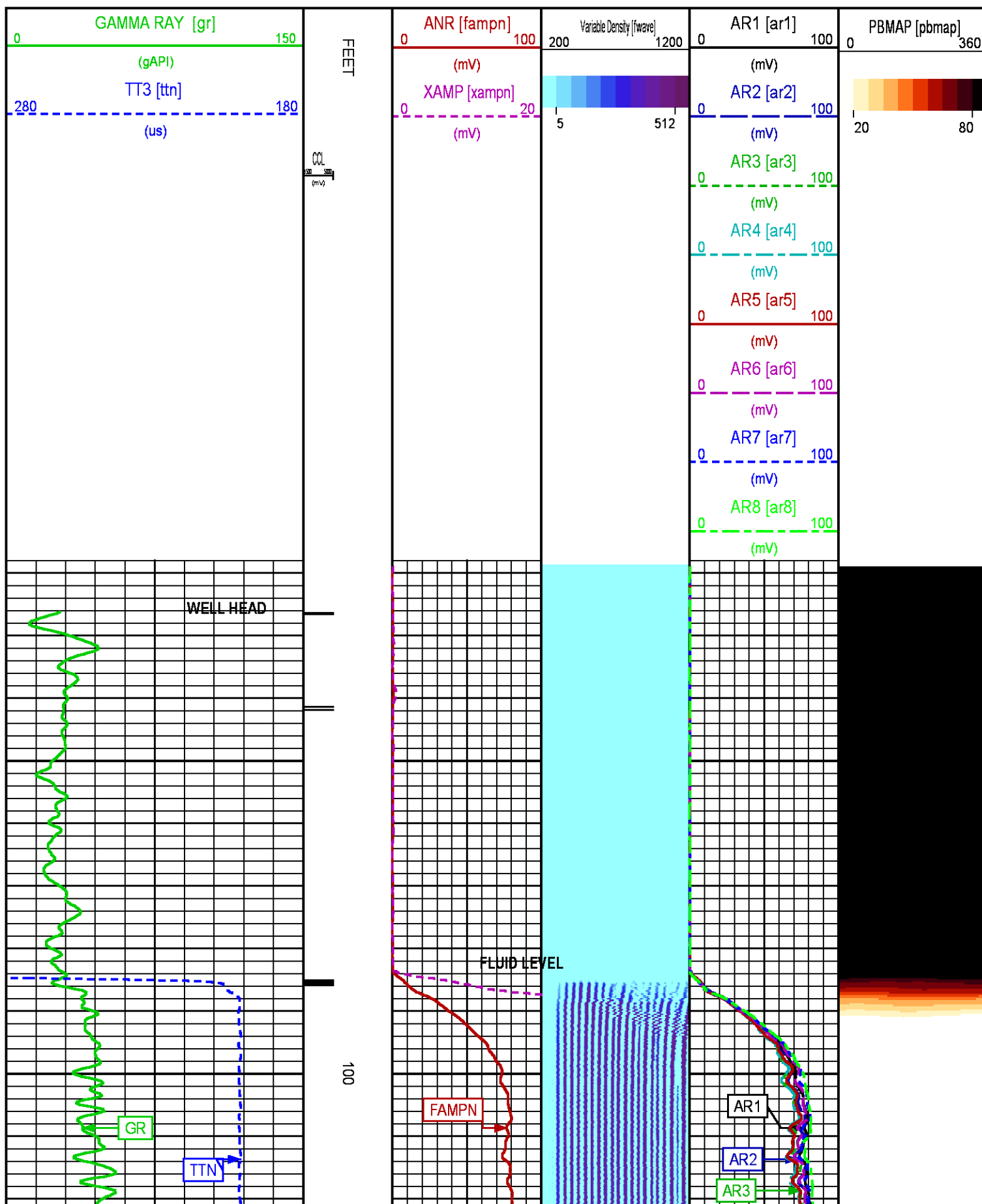
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Jun 28 08:43:48 2014	FIXED GATE AMPLITUDE T-R1
F1:AR2	Jun 28 08:43:48 2014	FIXED GATE AMPLITUDE T-R2
F1:AR3	Jun 28 08:43:48 2014	FIXED GATE AMPLITUDE T-R3
F1:AR4	Jun 28 08:43:48 2014	FIXED GATE AMPLITUDE T-R4
F1:AR5	Jun 28 08:43:48 2014	FIXED GATE AMPLITUDE T-R5
F1:AR6	Jun 28 08:43:48 2014	FIXED GATE AMPLITUDE T-R6
F1:AR7	Jun 28 08:43:48 2014	FIXED GATE AMPLITUDE T-R7
F1:AR8	Jun 28 08:43:48 2014	FIXED GATE AMPLITUDE T-R8
F1:CCL	Jun 28 08:43:48 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jun 28 08:43:48 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 28 08:43:48 2014	FAR WAVE FORM
F1:GR	Jun 28 08:43:48 2014	GAMMA RAY
F1:PBMAP	Jun 28 08:43:48 2014	PERCENT BOND CEMENT MAP
F1:TTN	Jun 28 08:43:48 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jun 28 08:43:48 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		

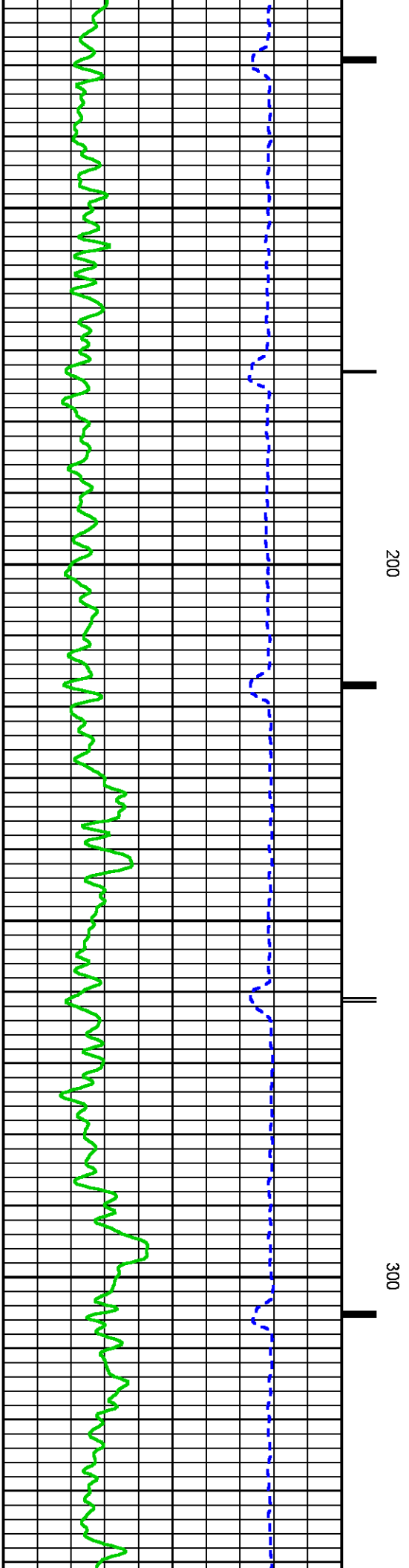
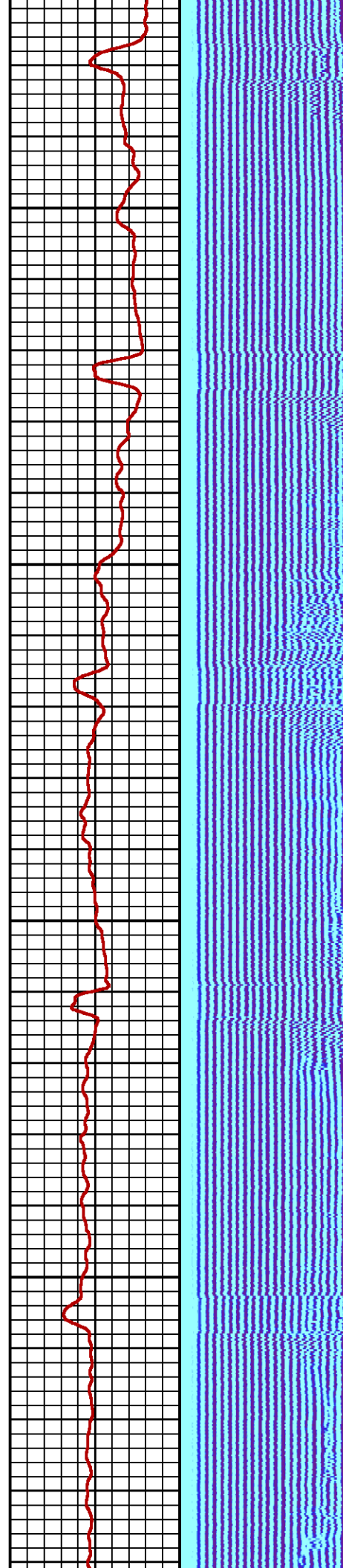
Plot Interval : 18.75 - 9023.75 Feet

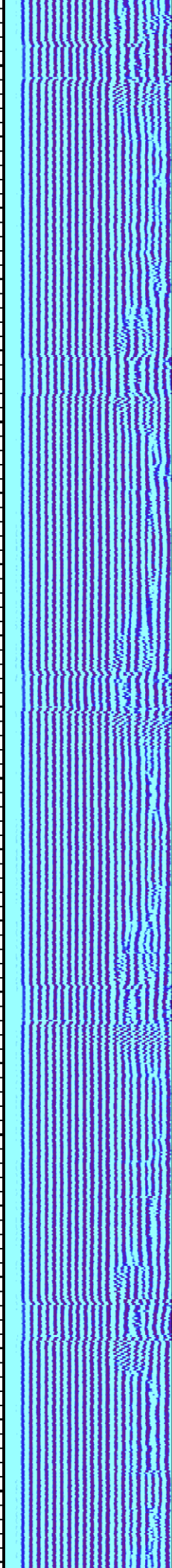
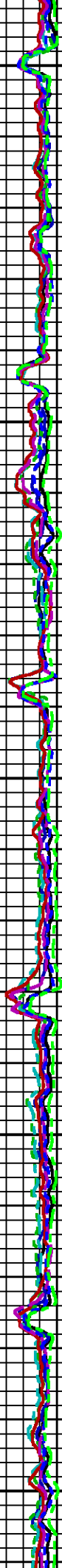
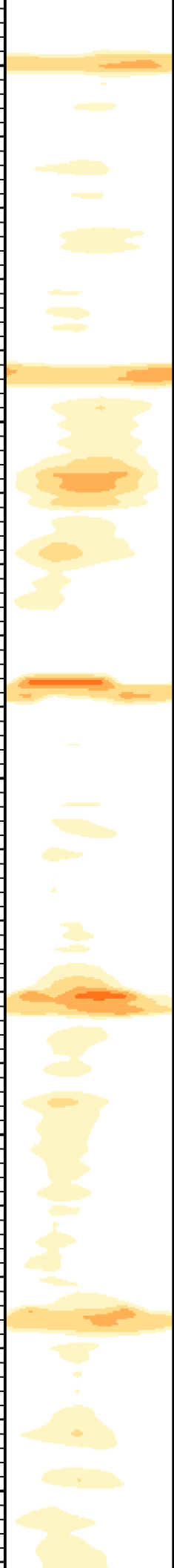
Data File 1 : F1 : HL6670:/dat1a/CH087281/n012e02.xtf
Created On : Jun 28 08:43:48 2014
Company : WPX ENERGY
Well : SAVAGE RWF 43-25
Field : RULISON
File Interval : 17.75 - 9025 Feet
OCT : n012e





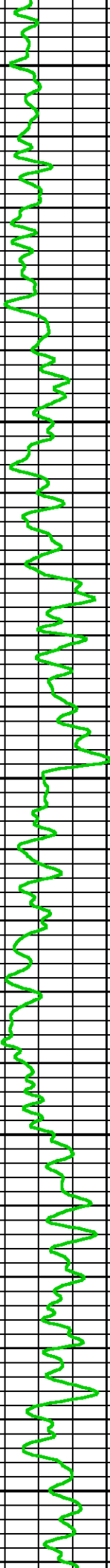
AR4
AR5
AR6
AR7
AR8

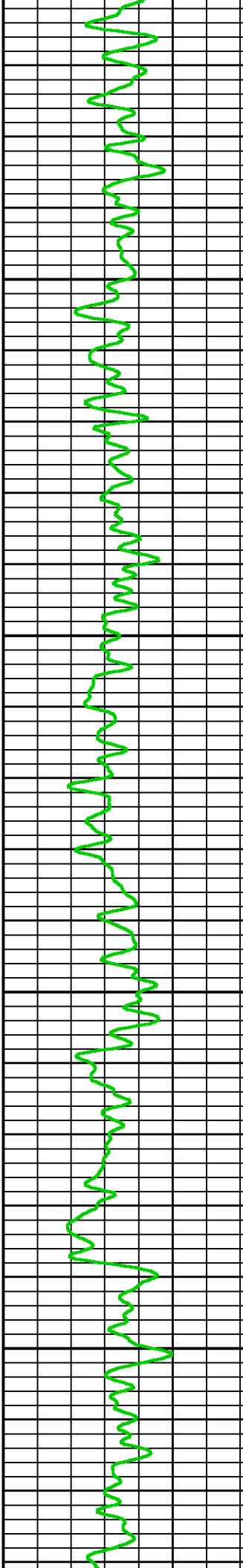
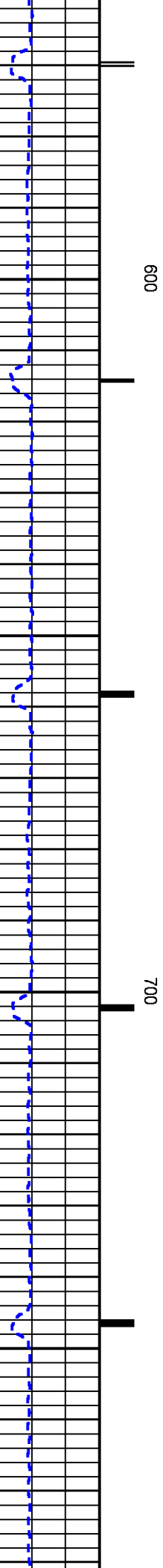
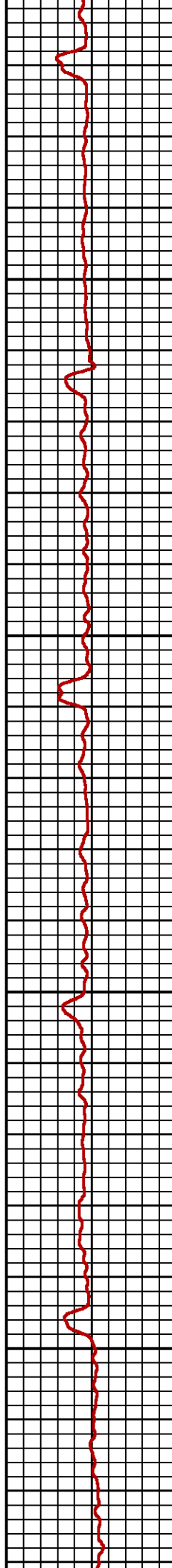
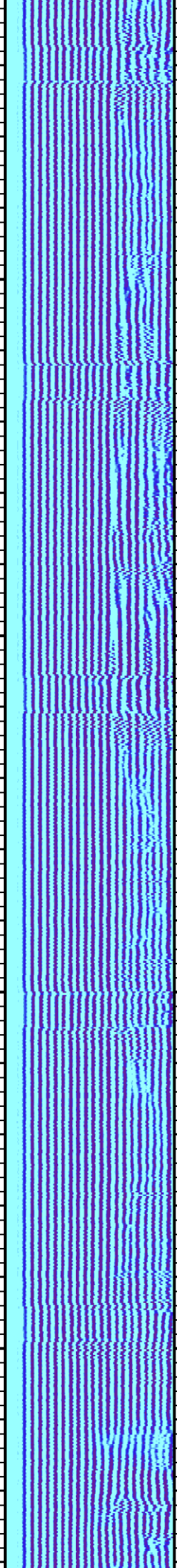
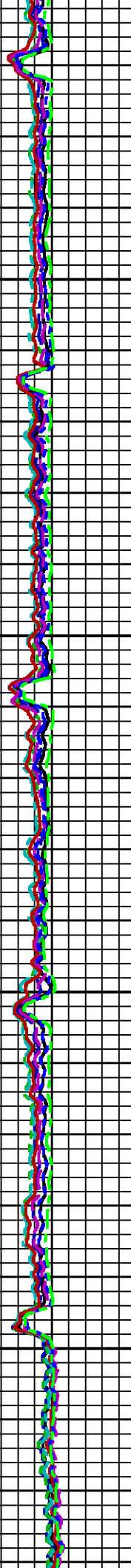
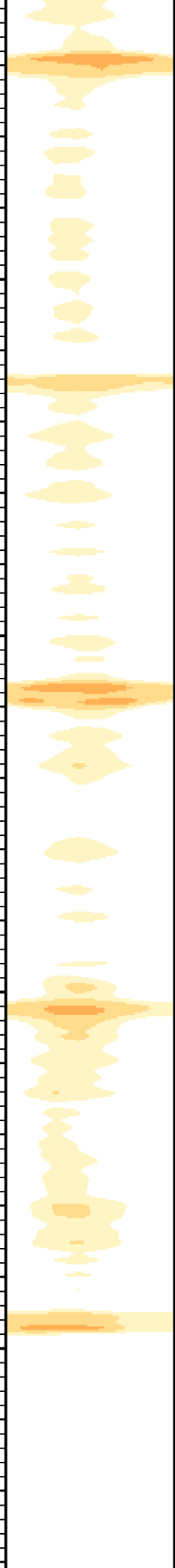


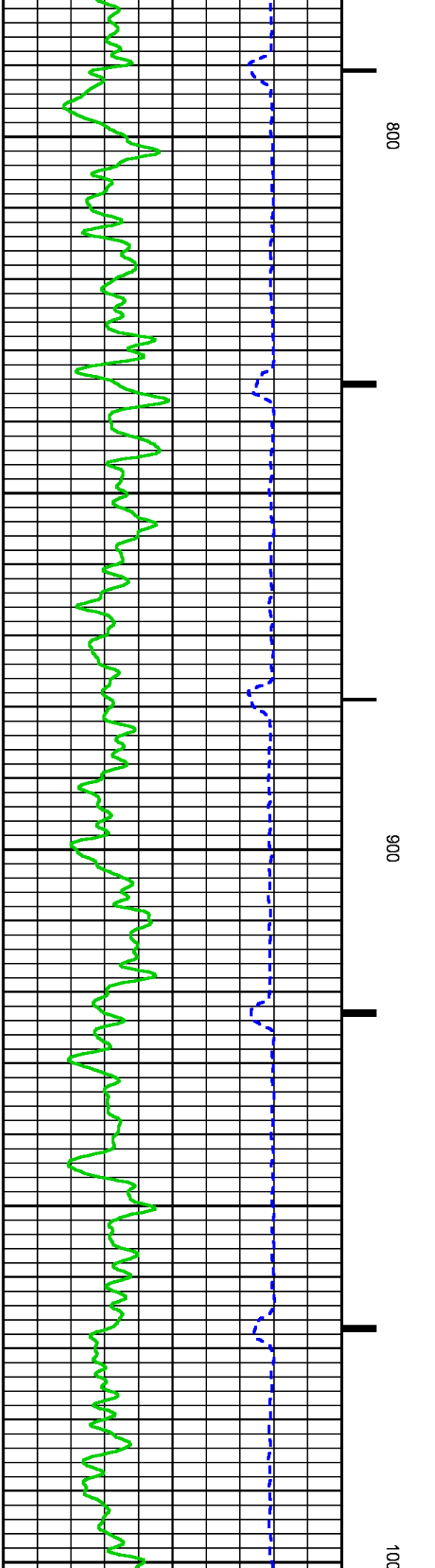
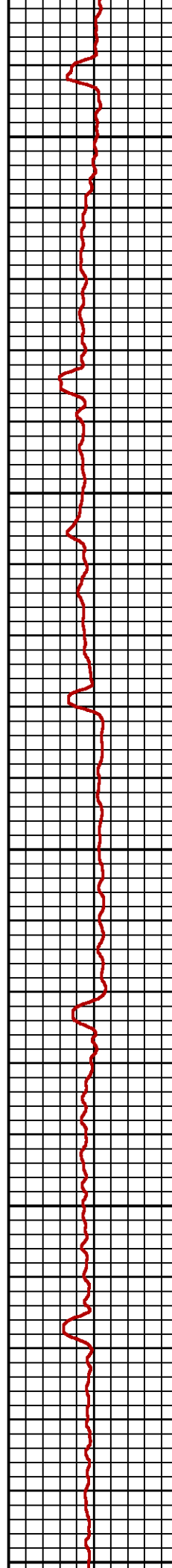
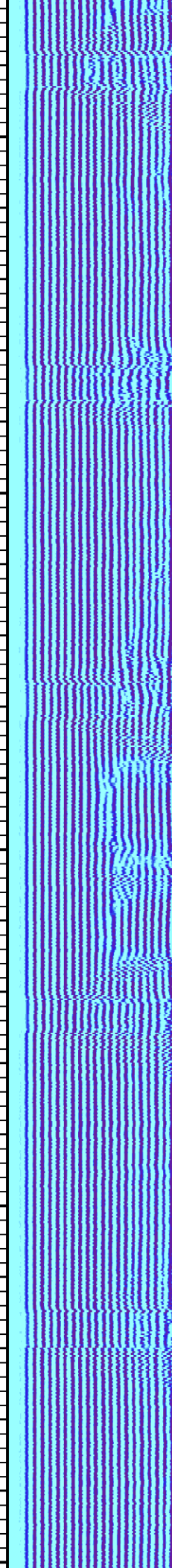
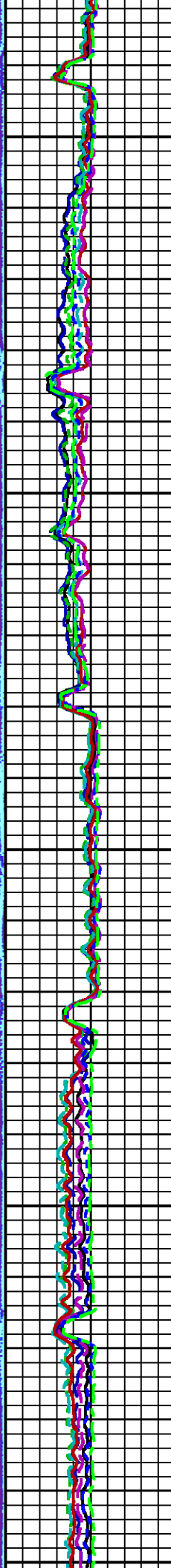


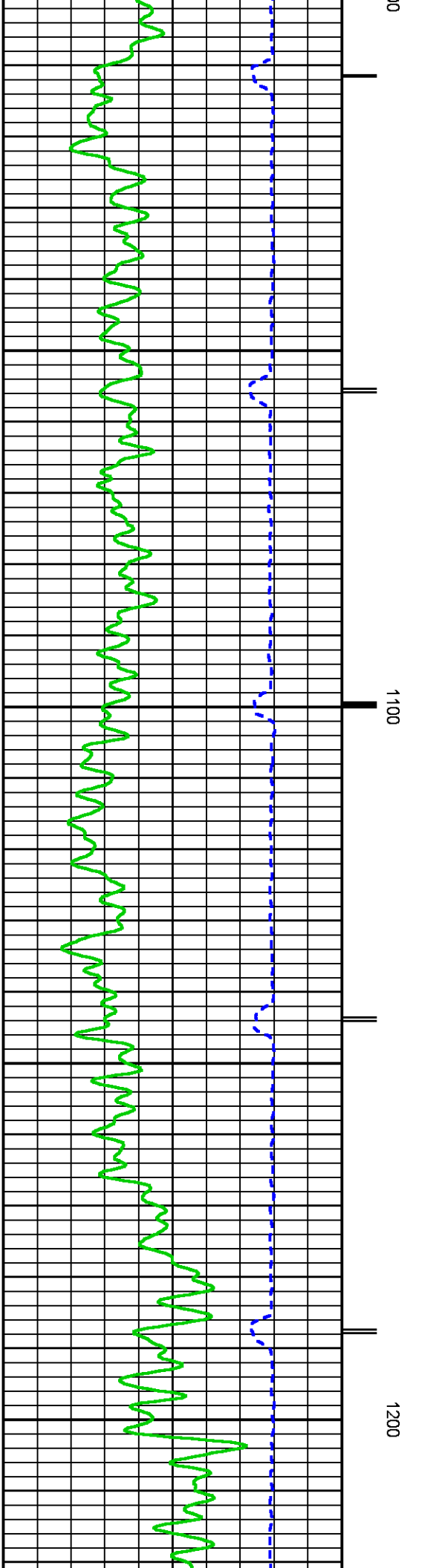
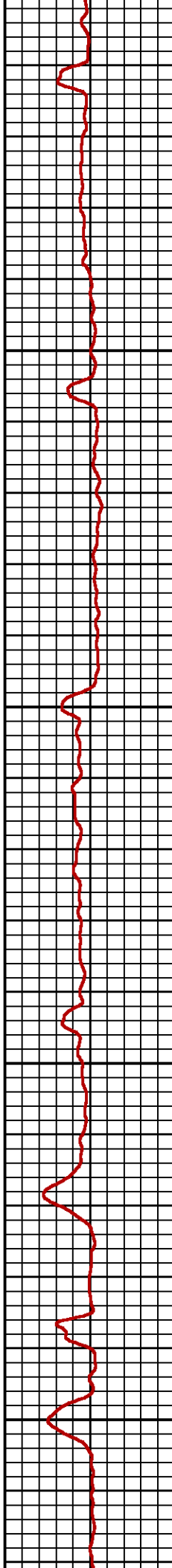
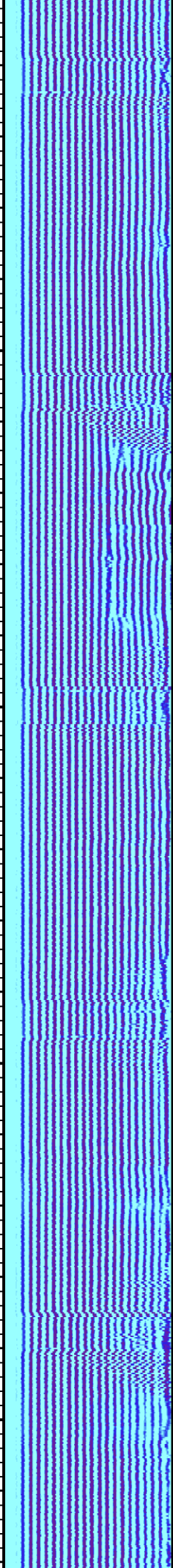
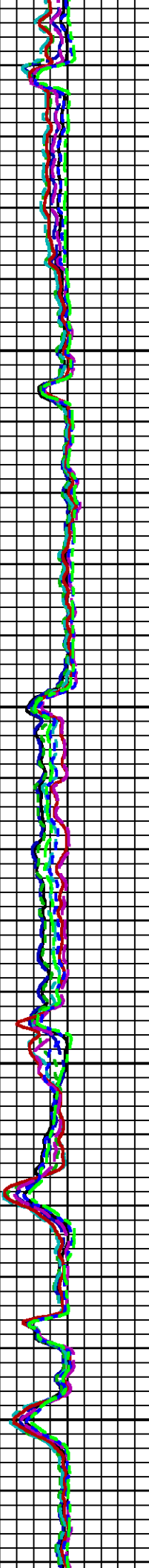
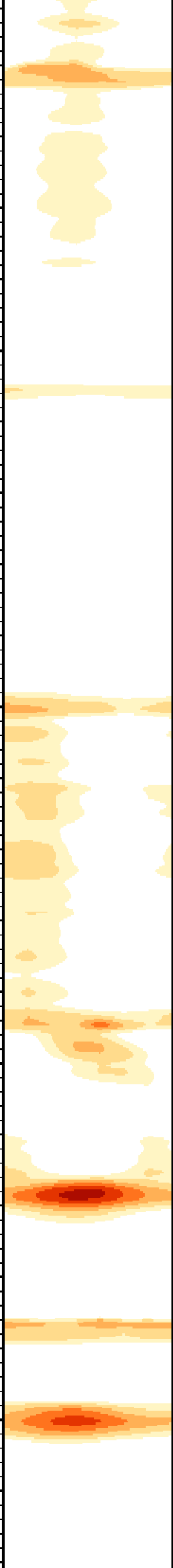
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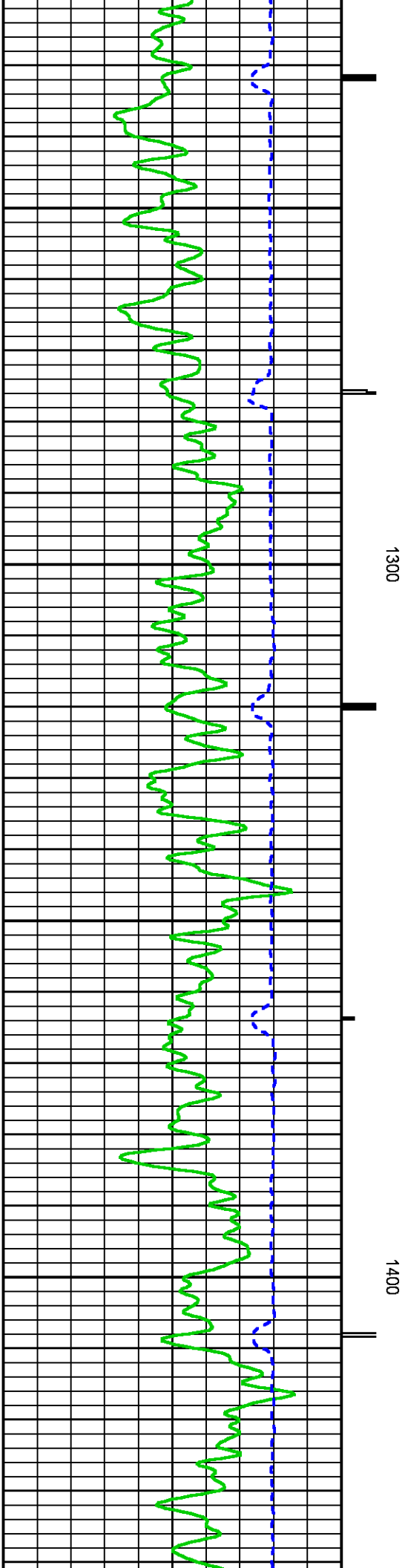
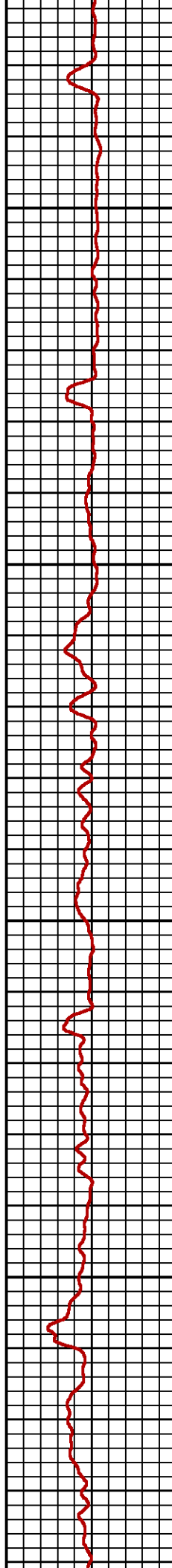
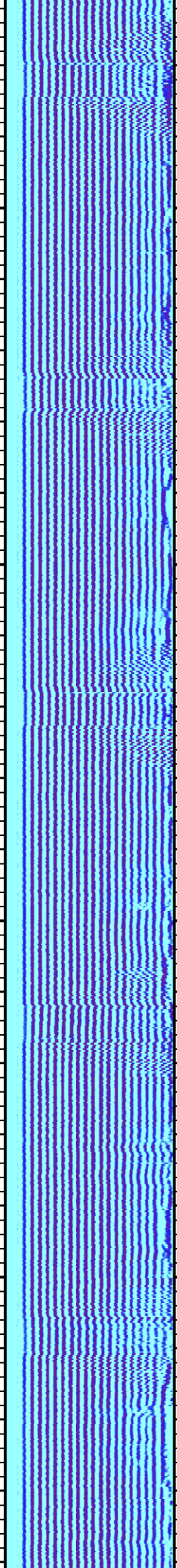
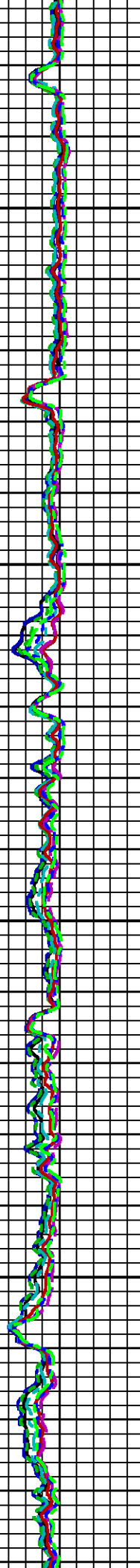
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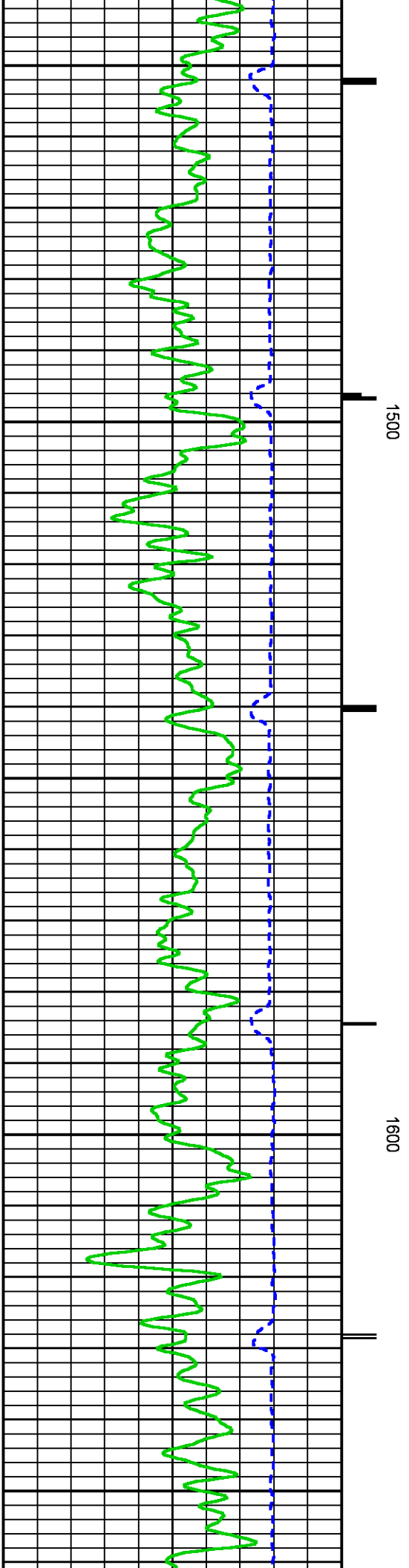
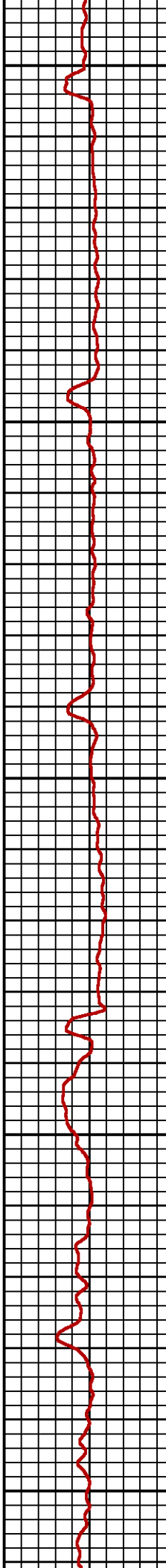
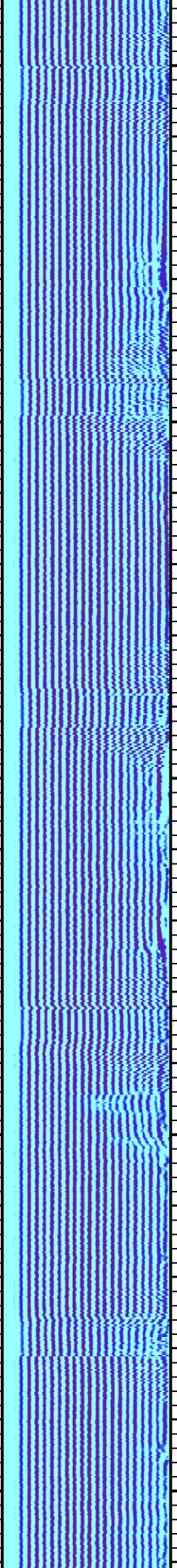
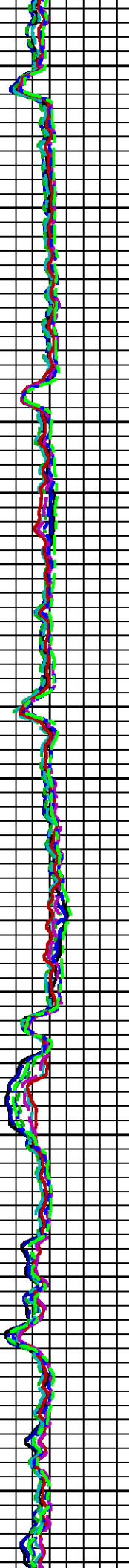
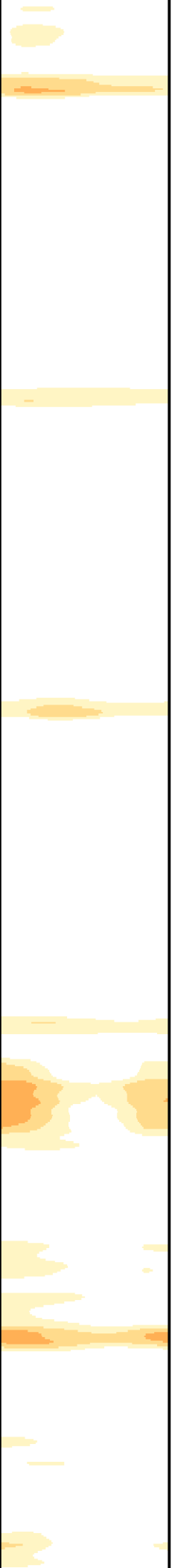


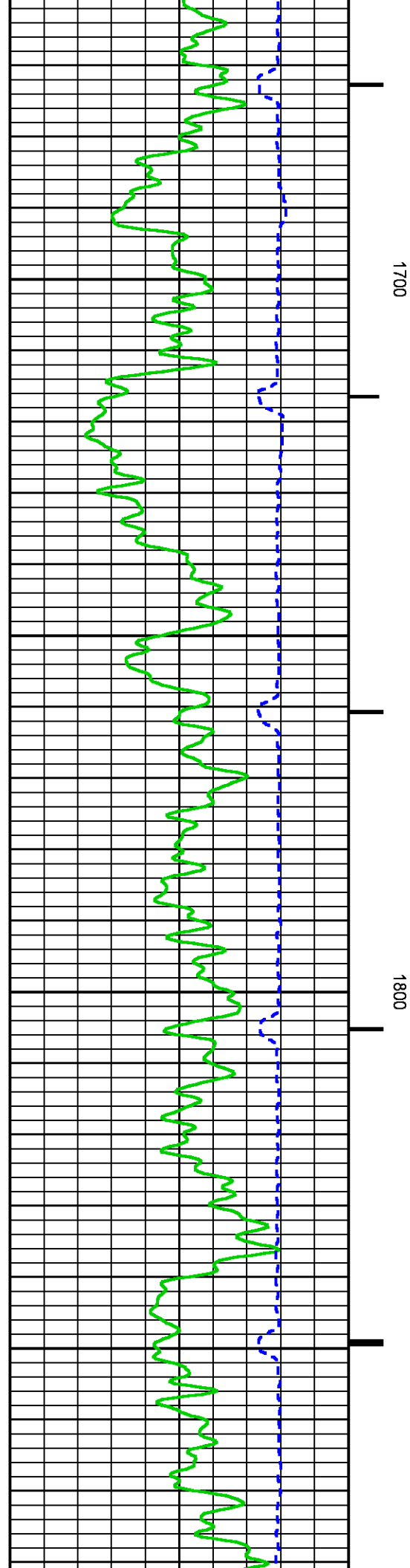
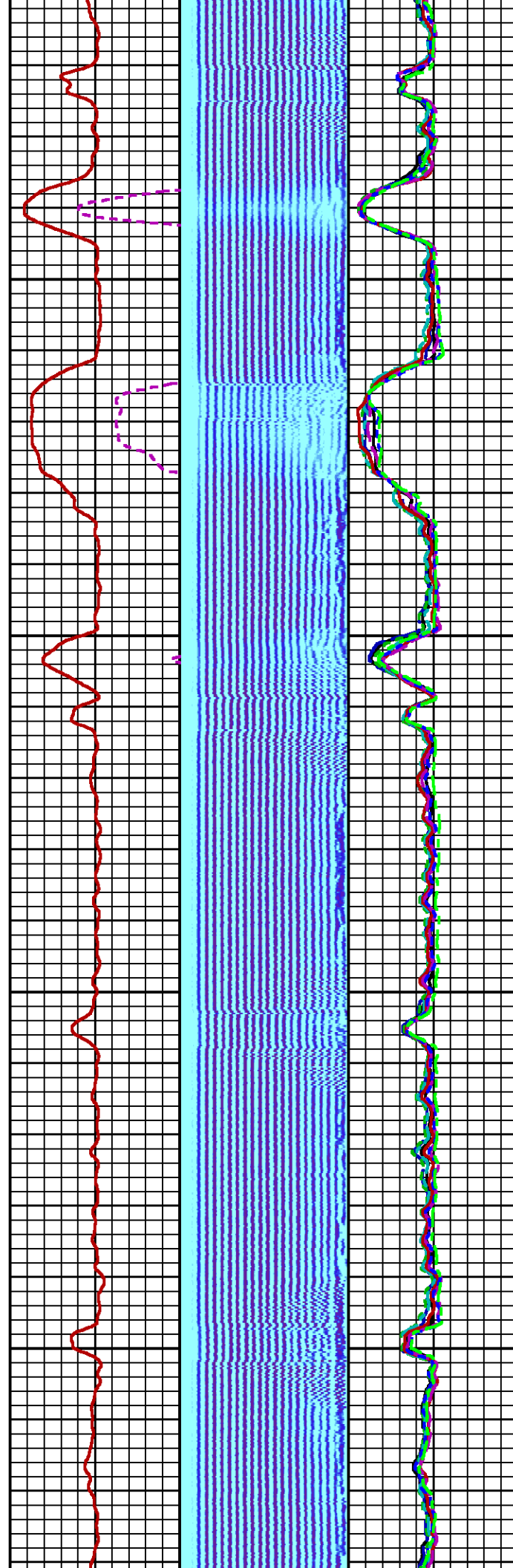


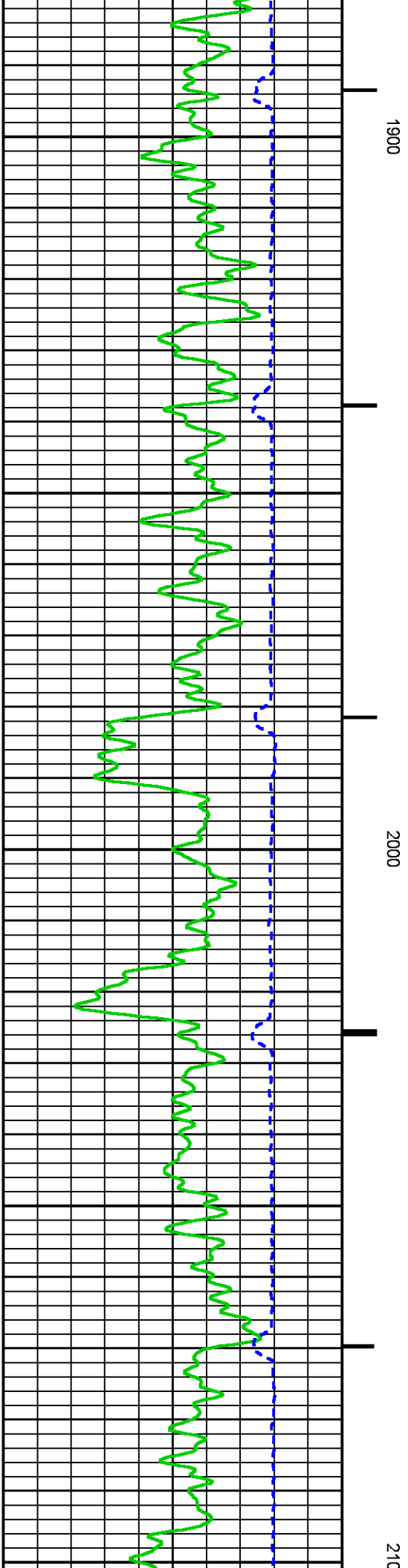
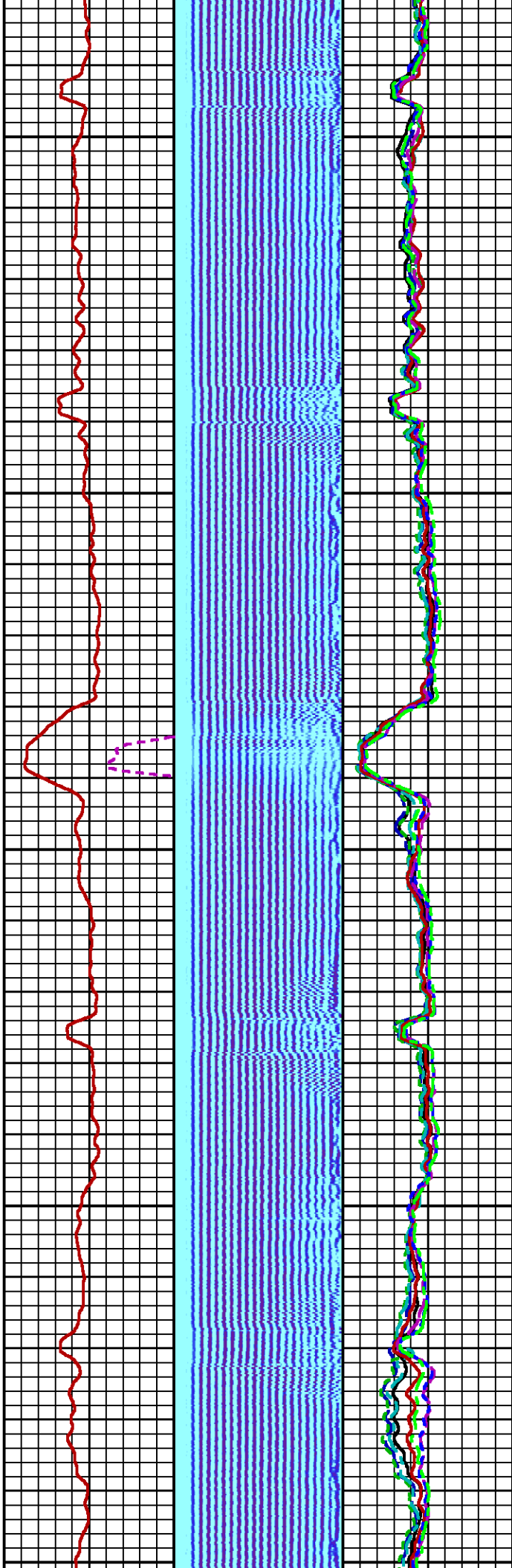
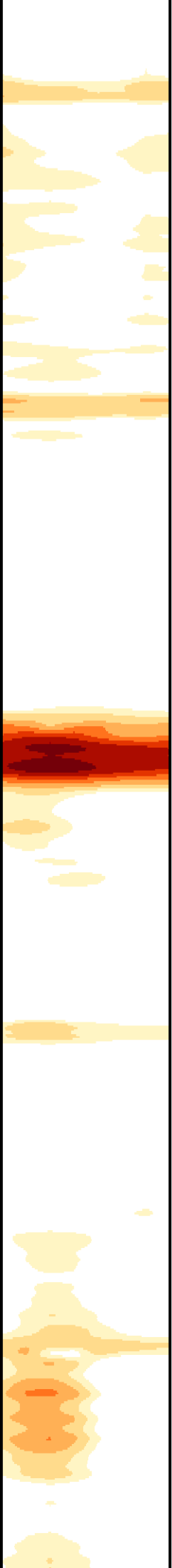


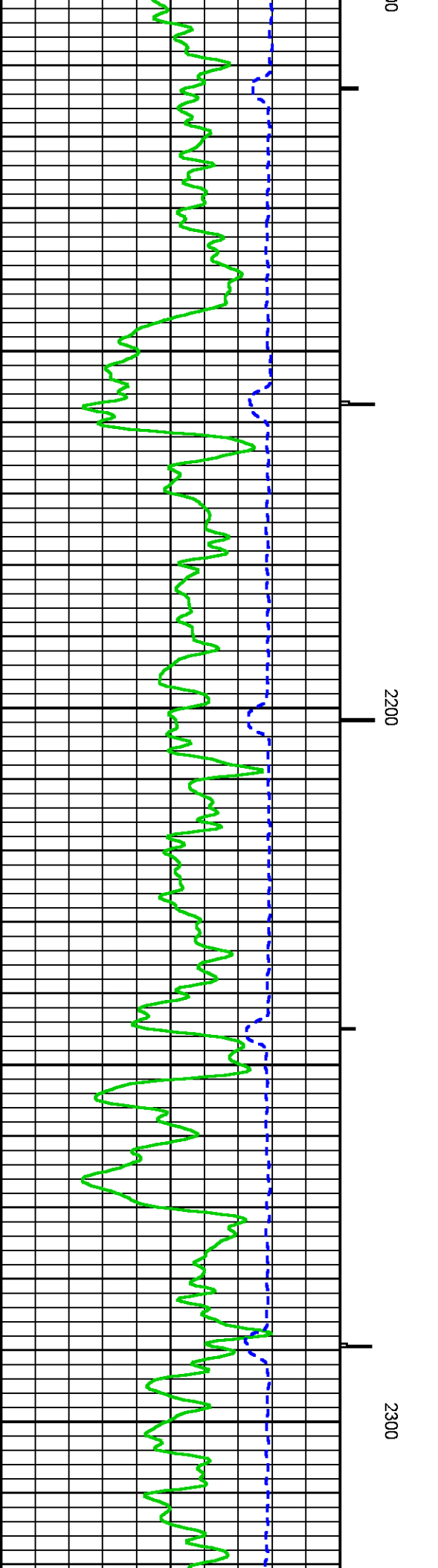
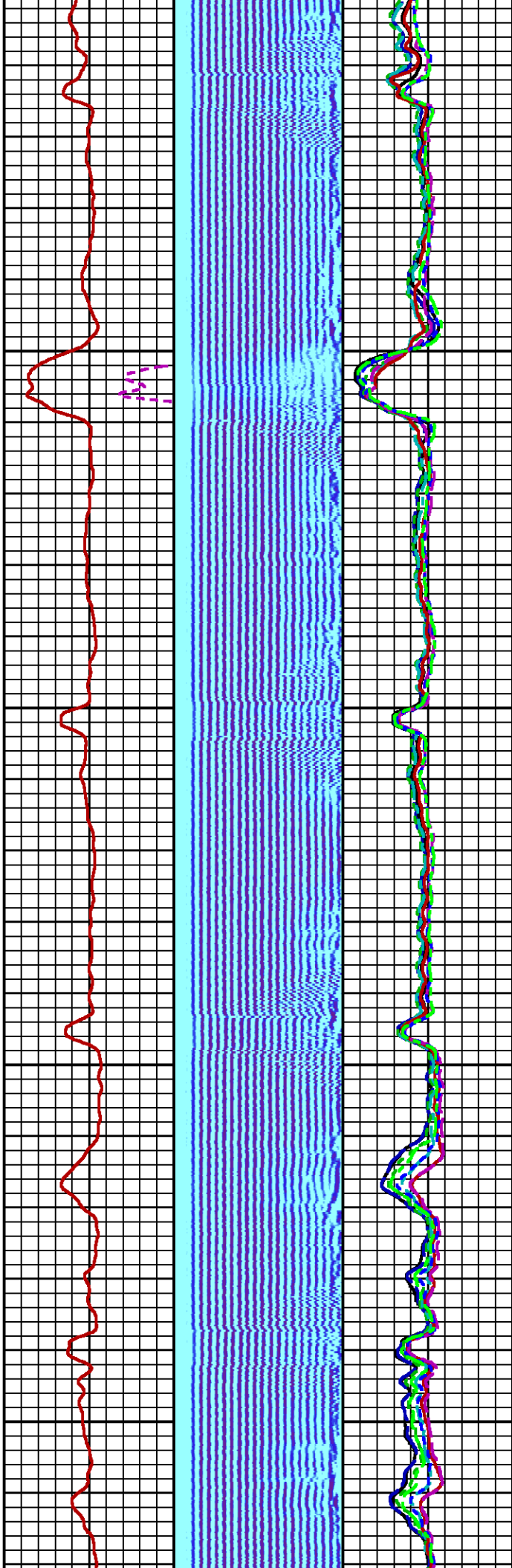
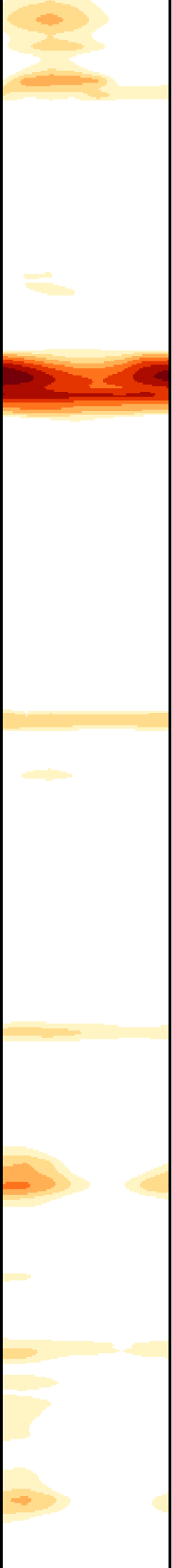


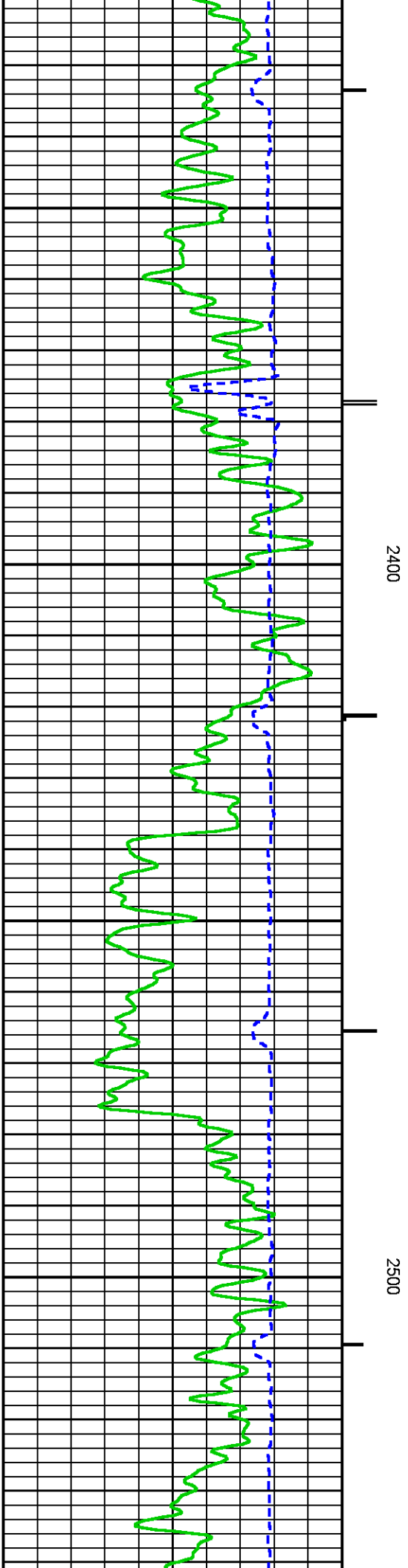
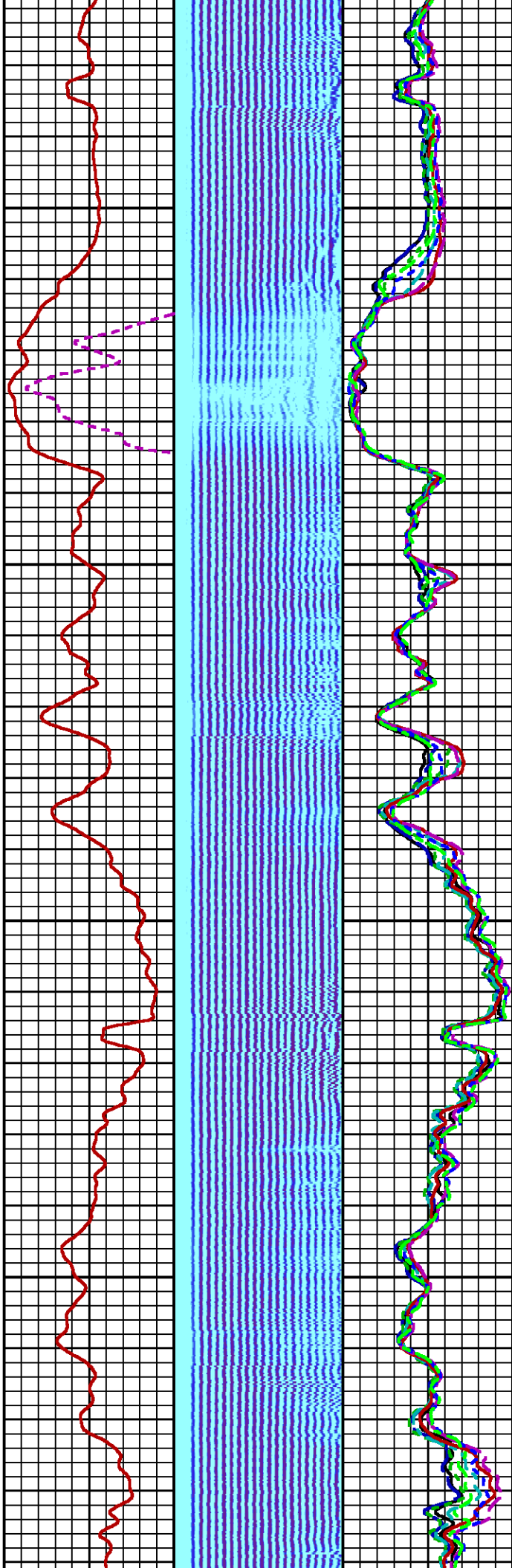
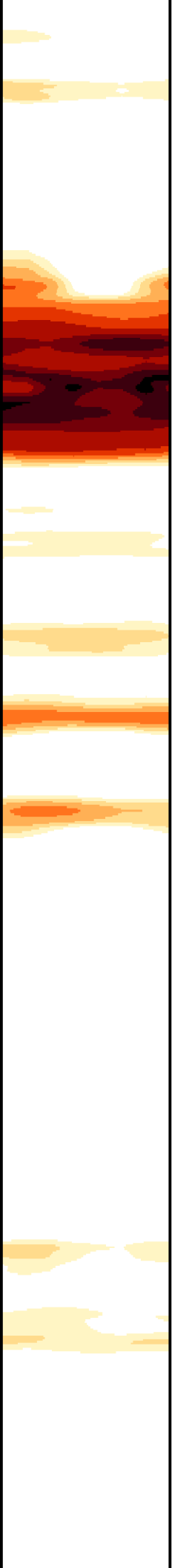


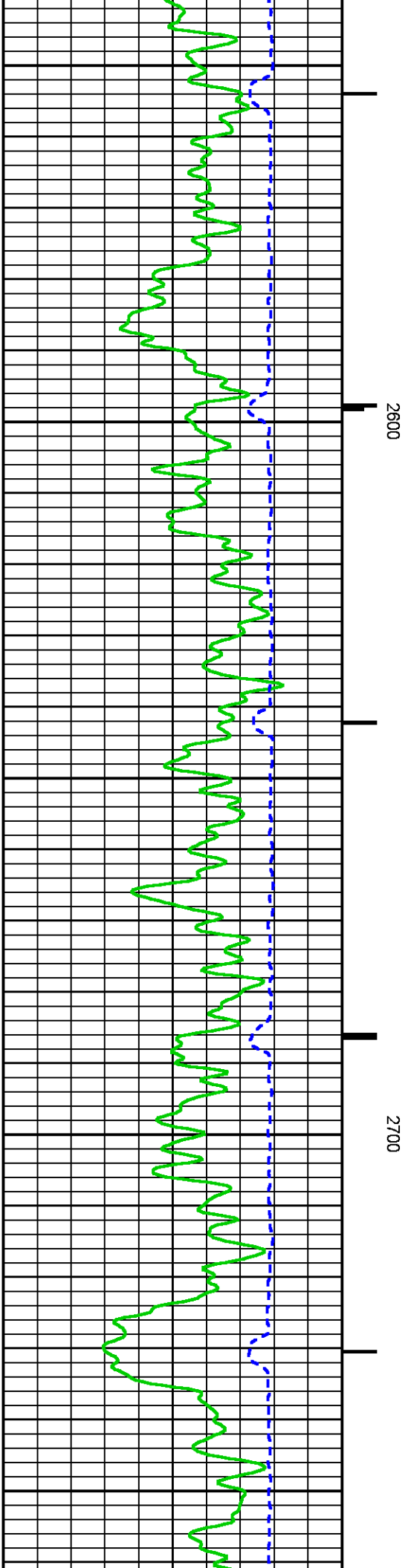
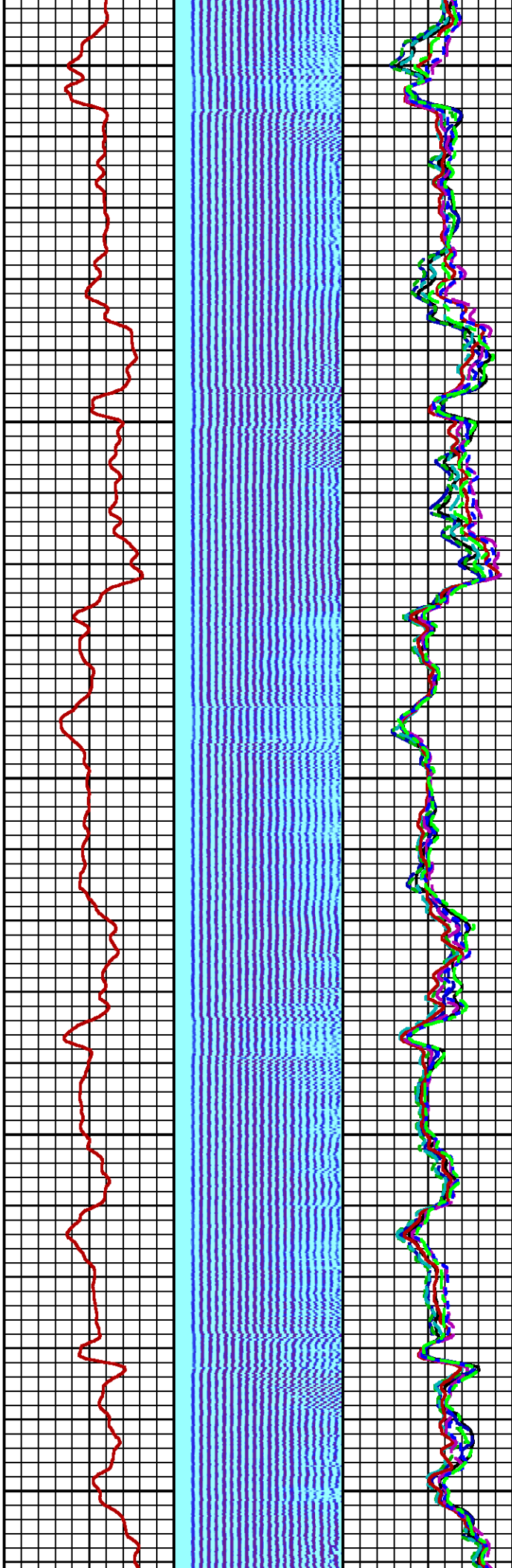
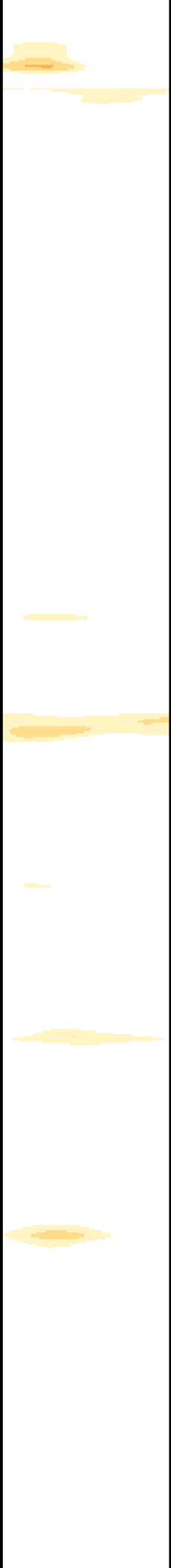


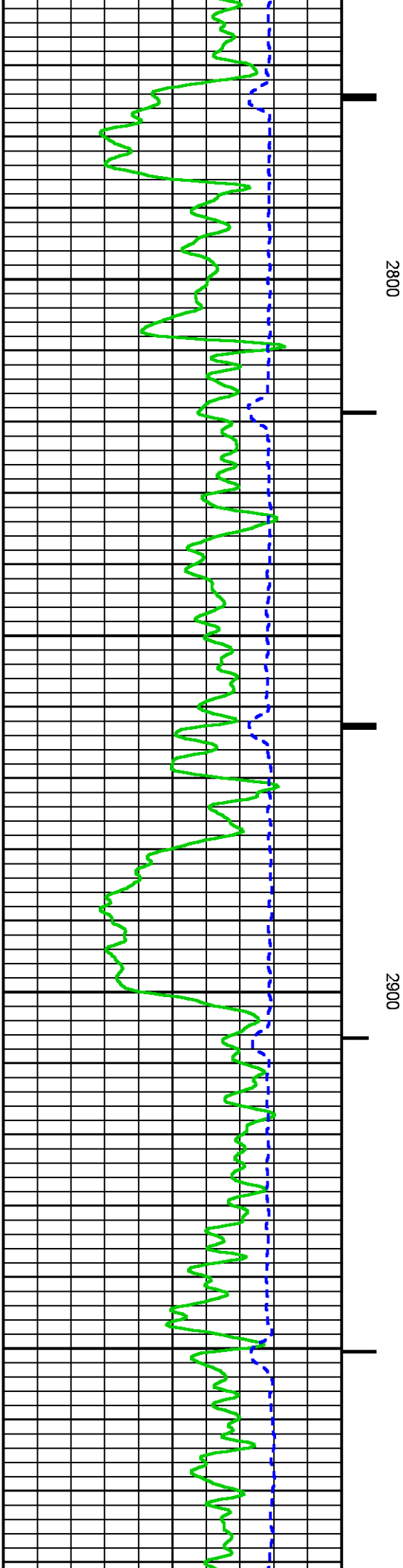
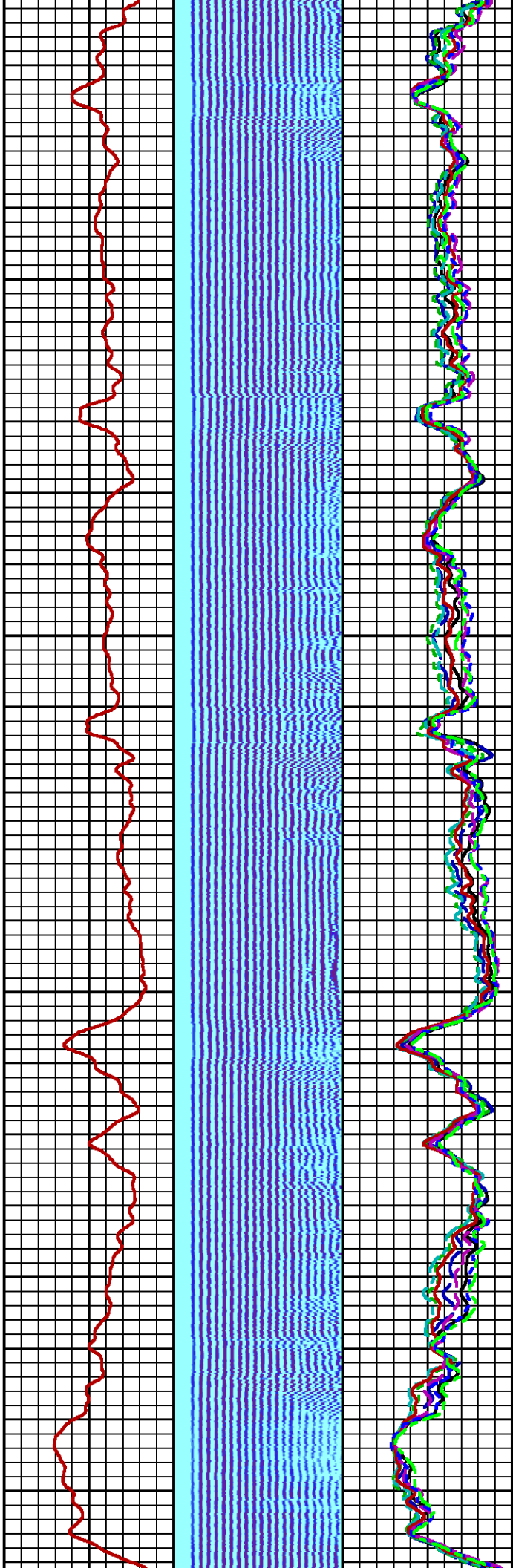
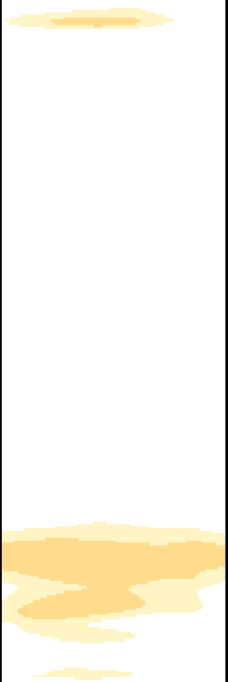


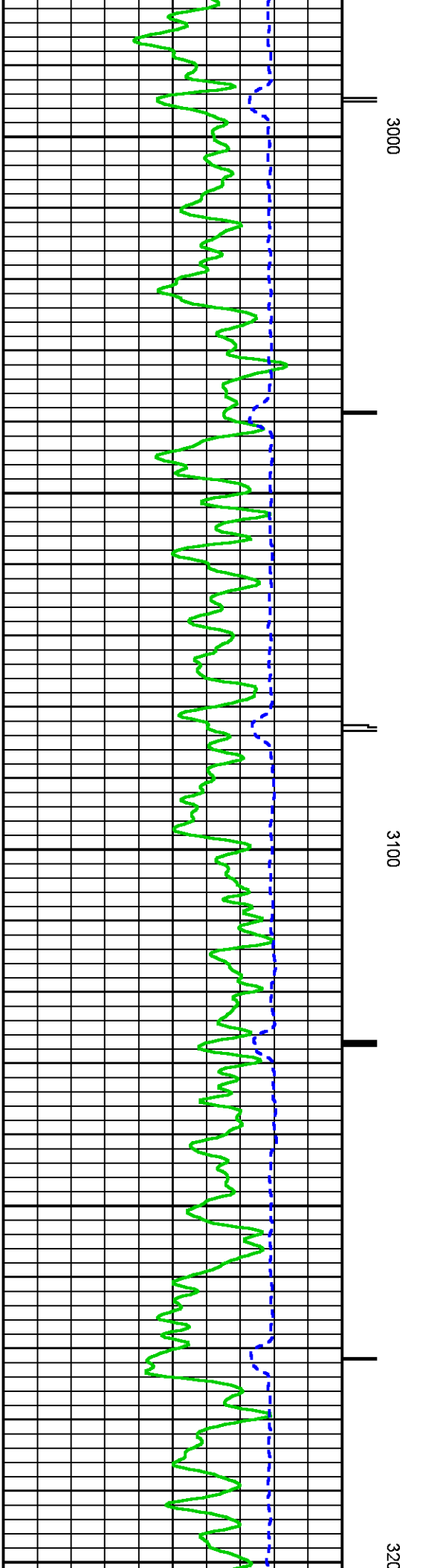
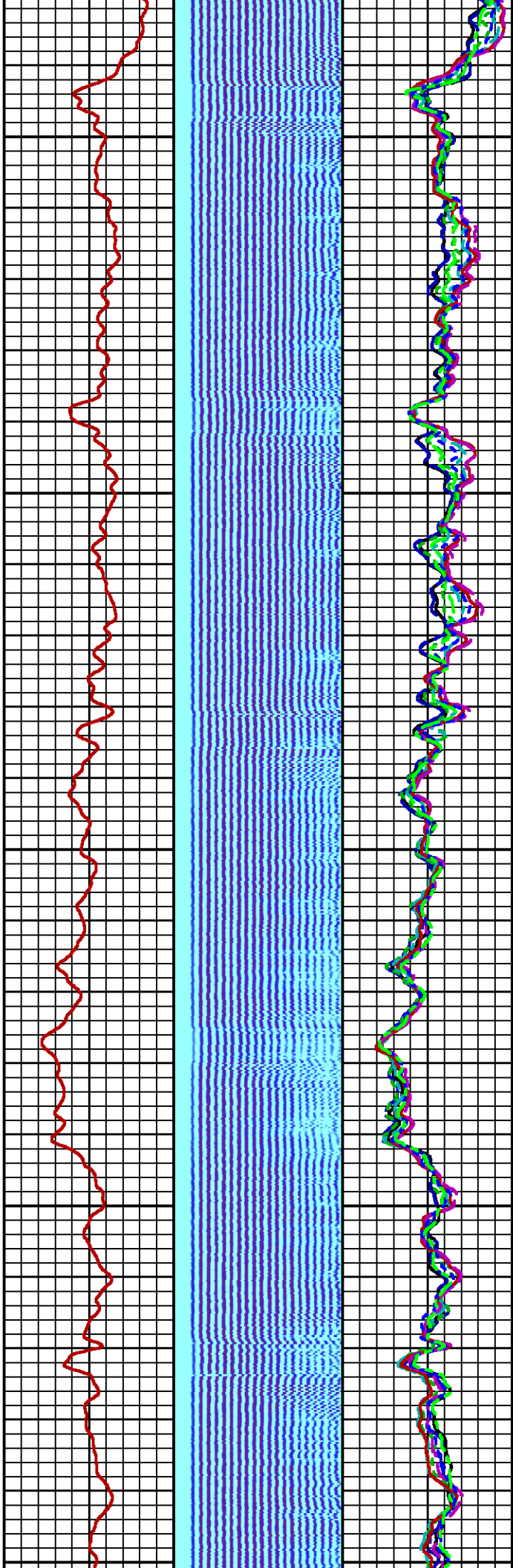
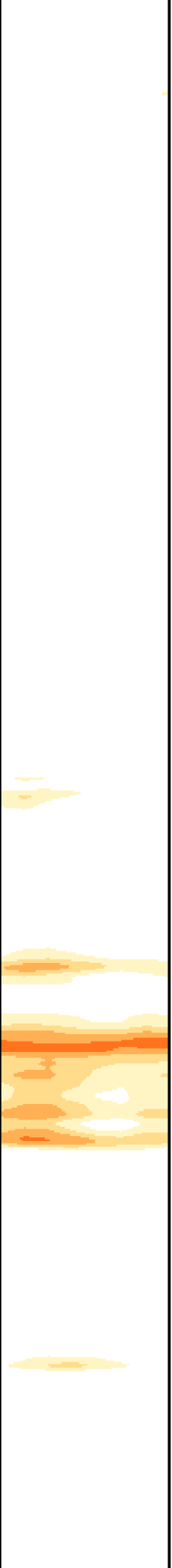


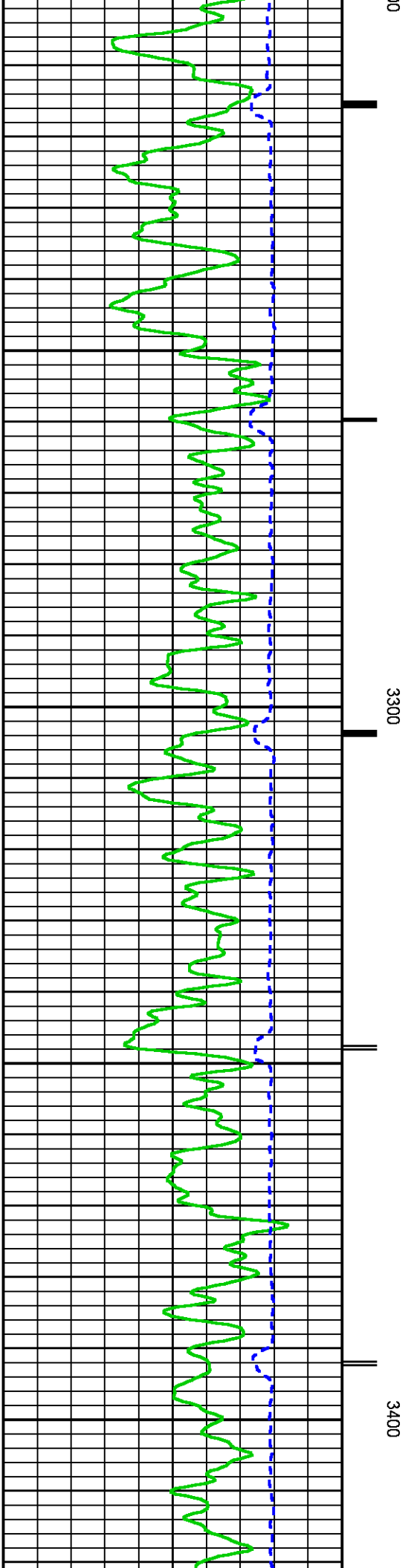
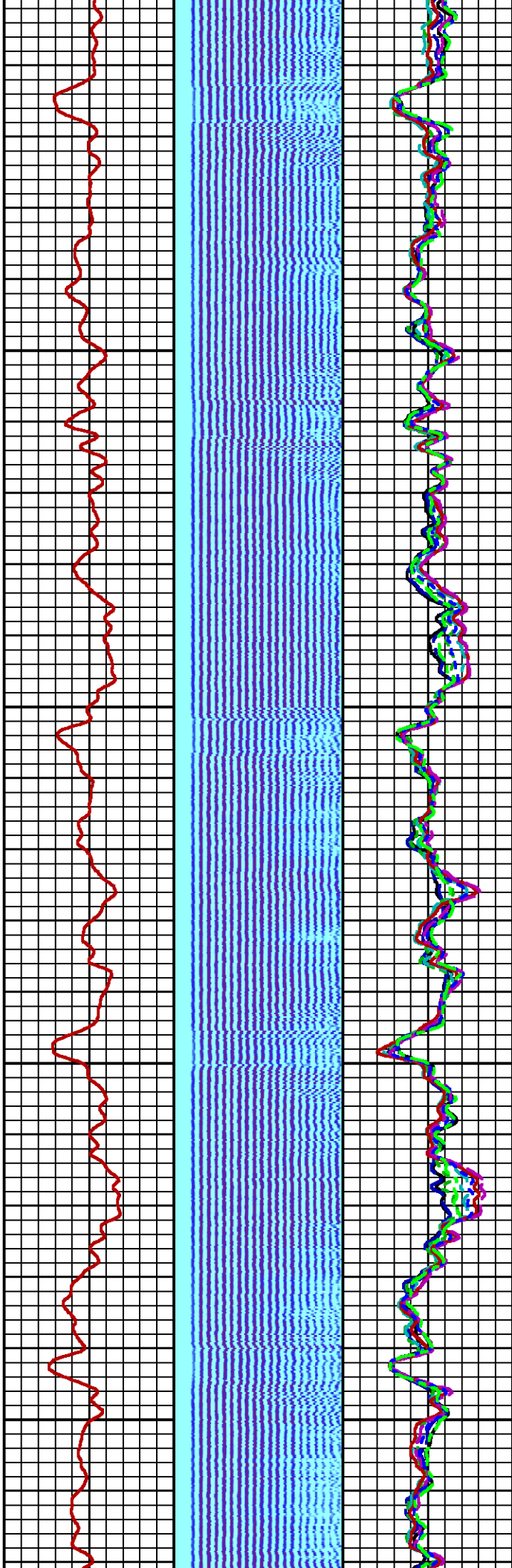
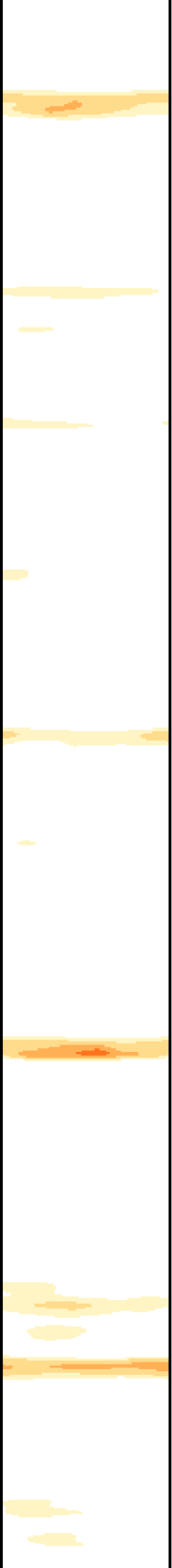


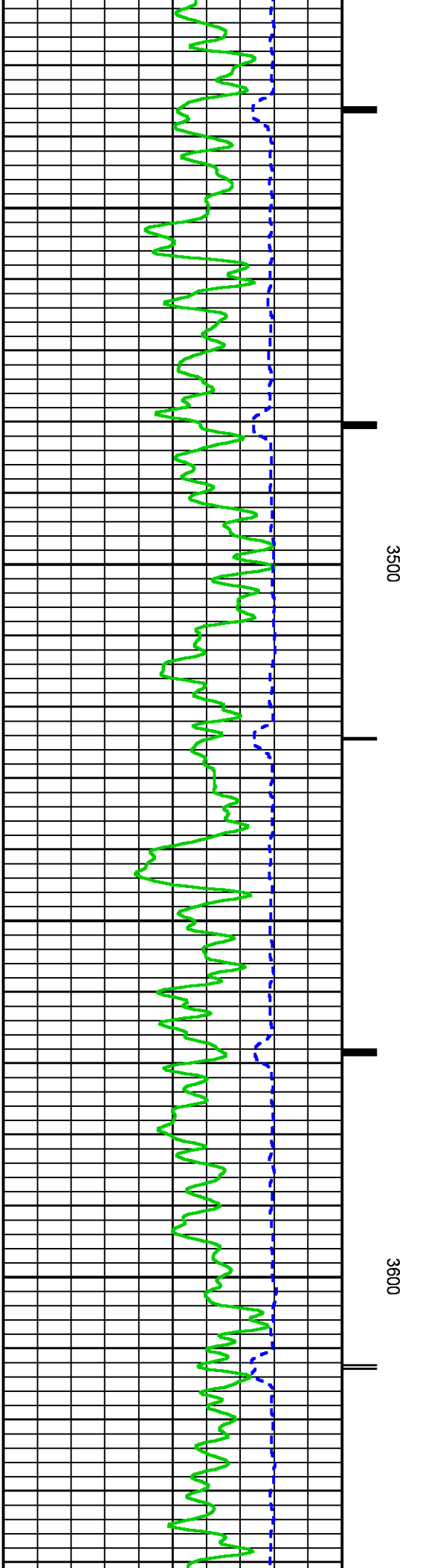
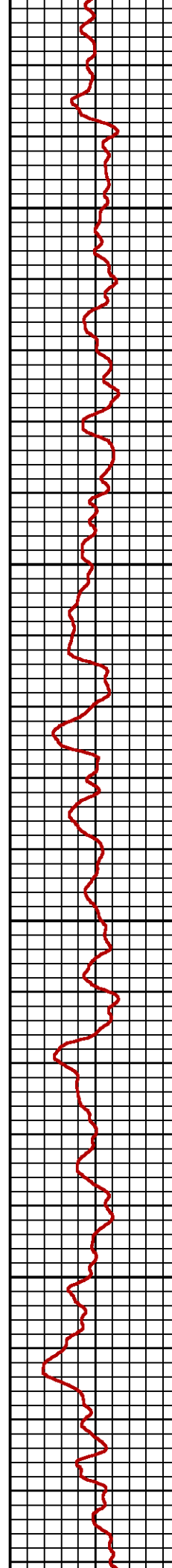
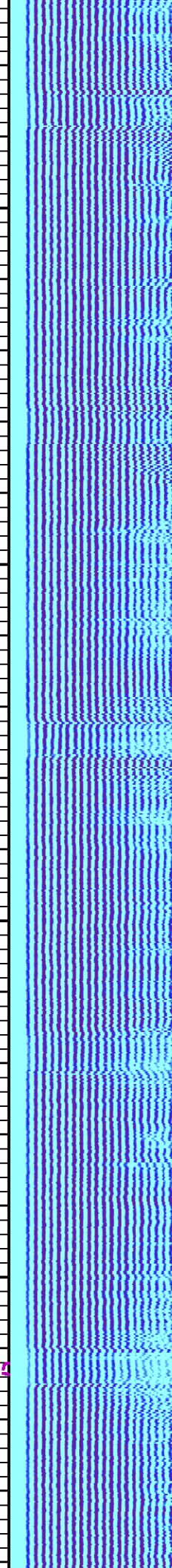
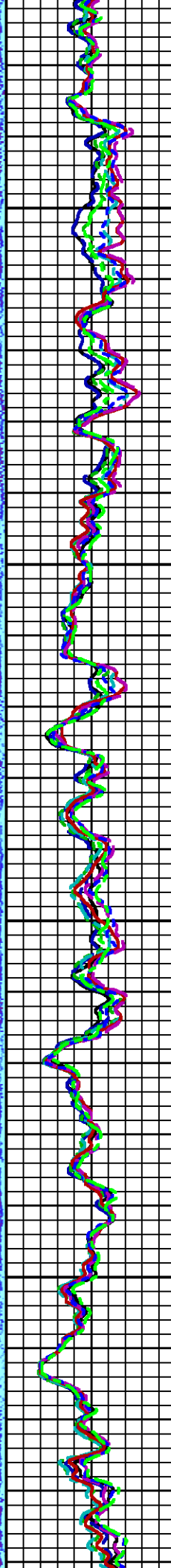
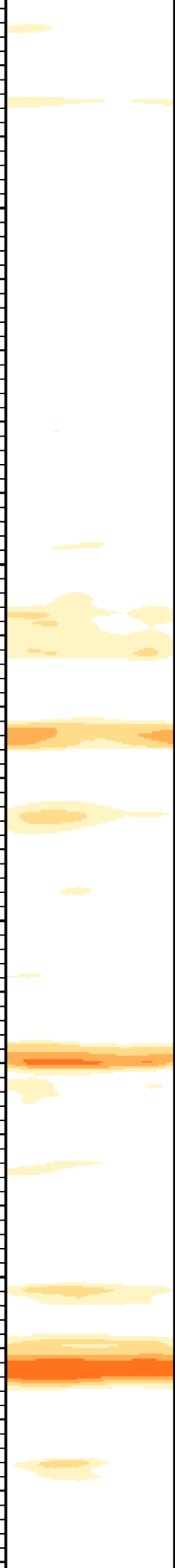


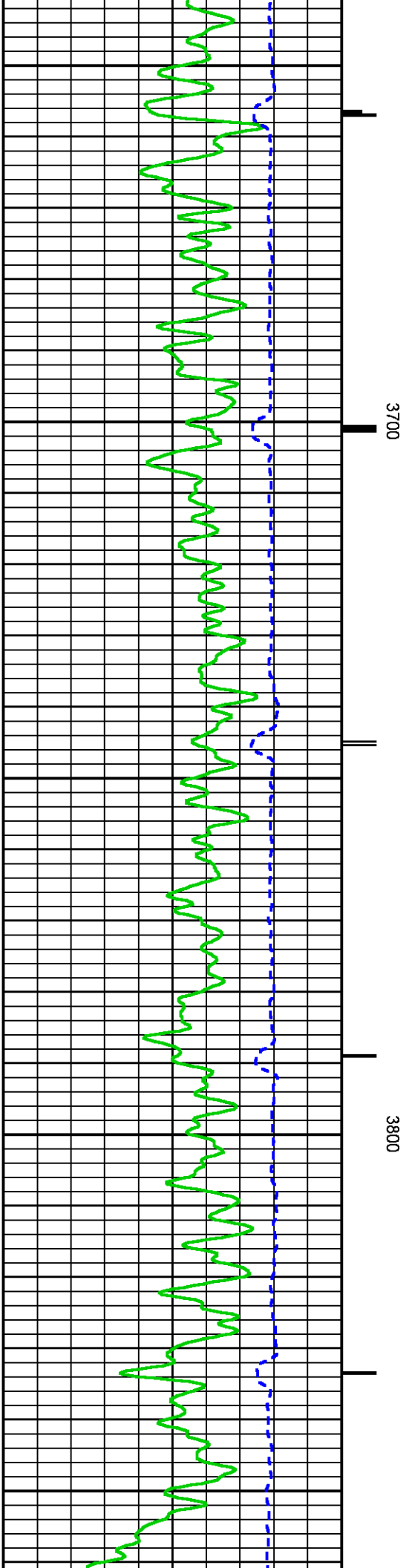
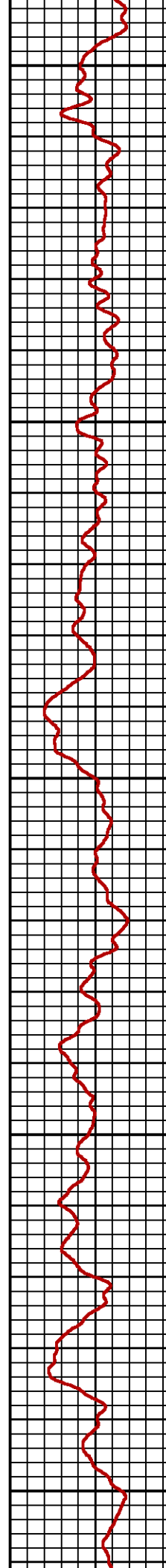
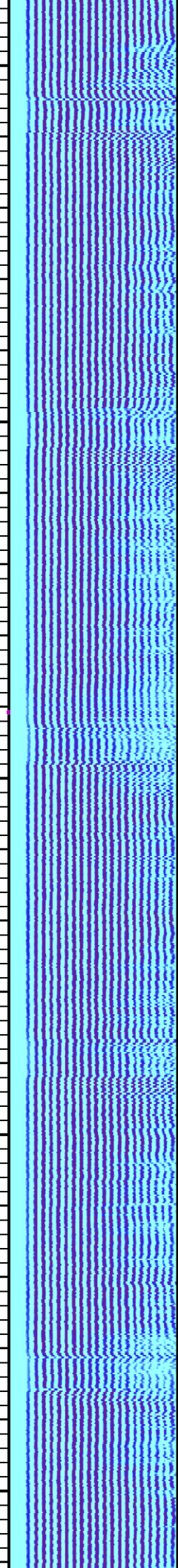
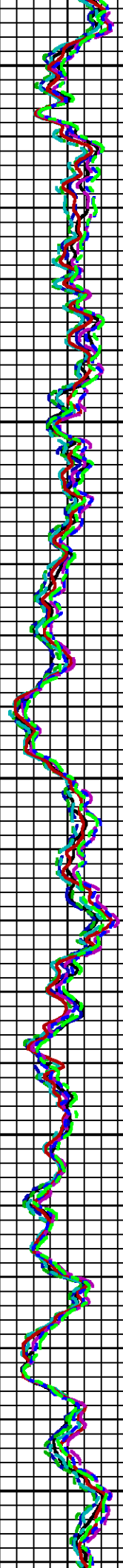
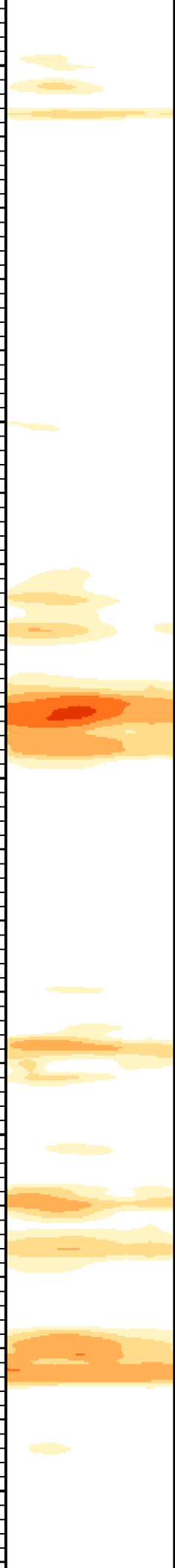


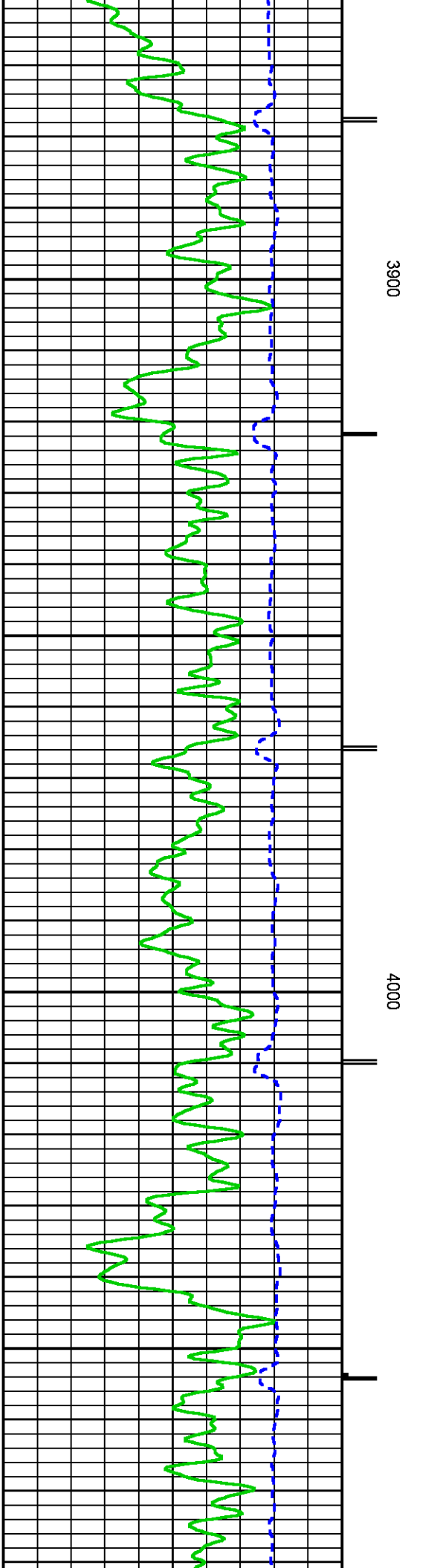
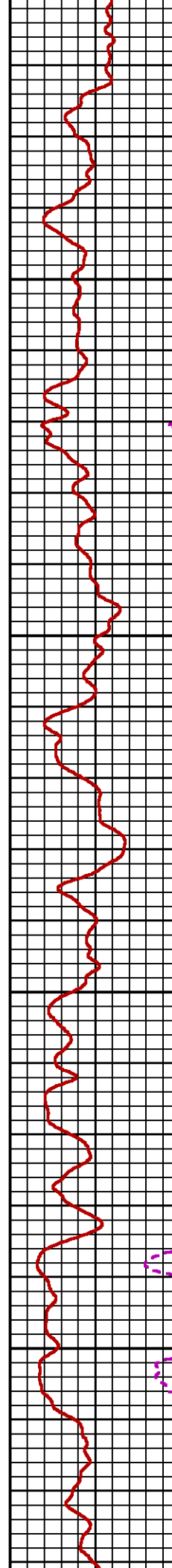
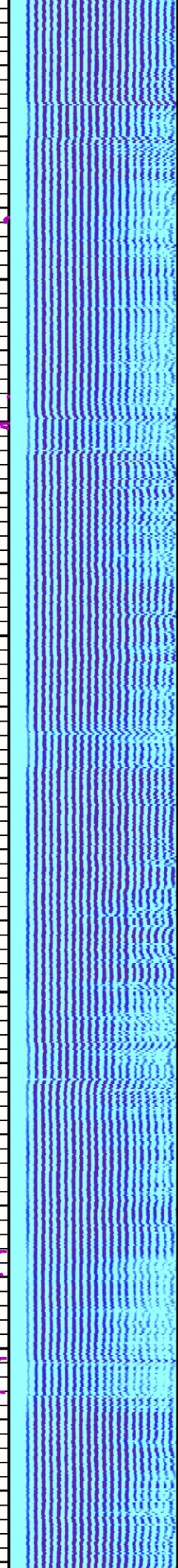
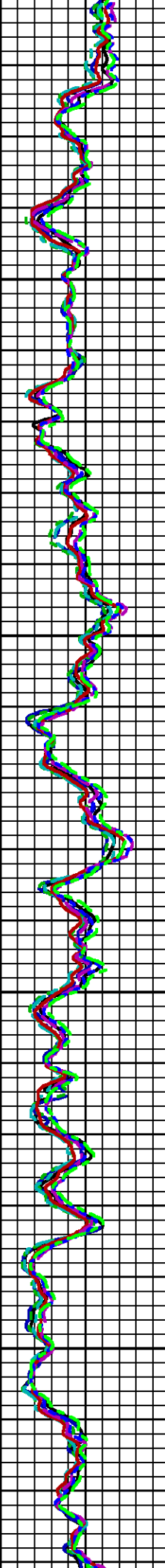
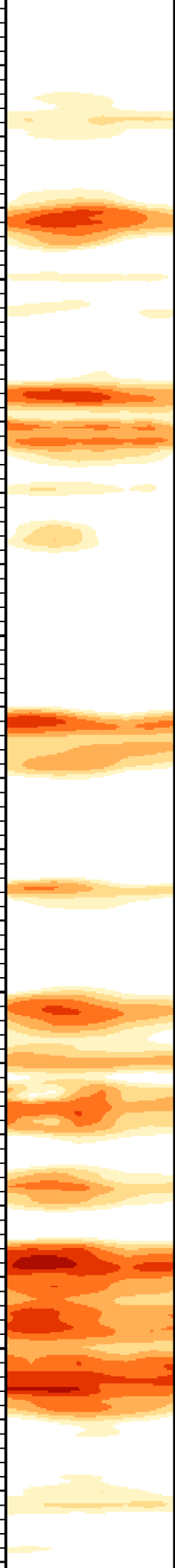


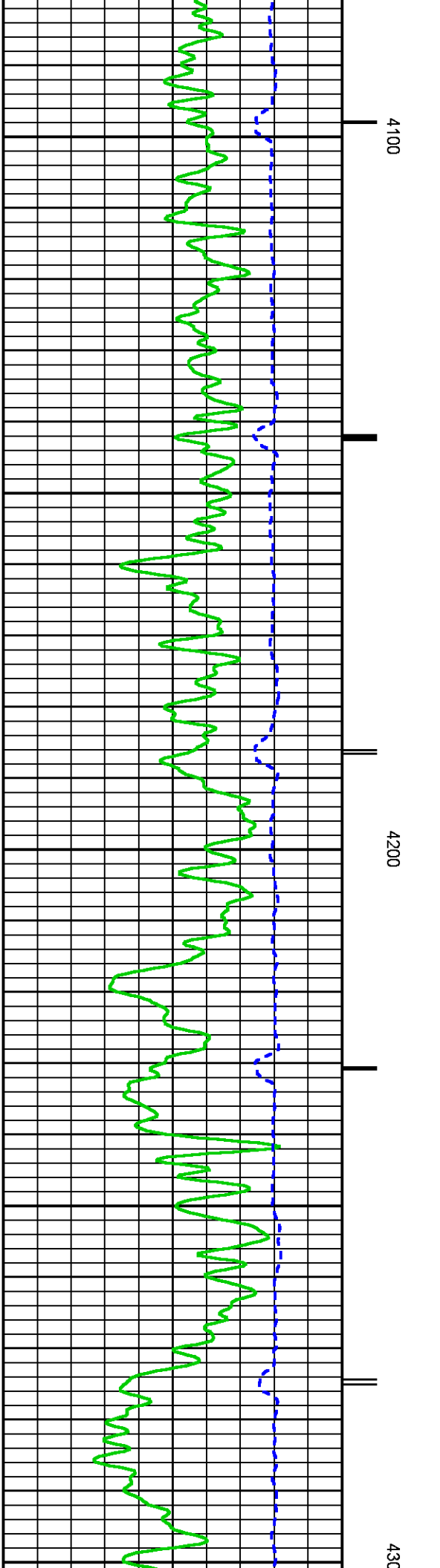
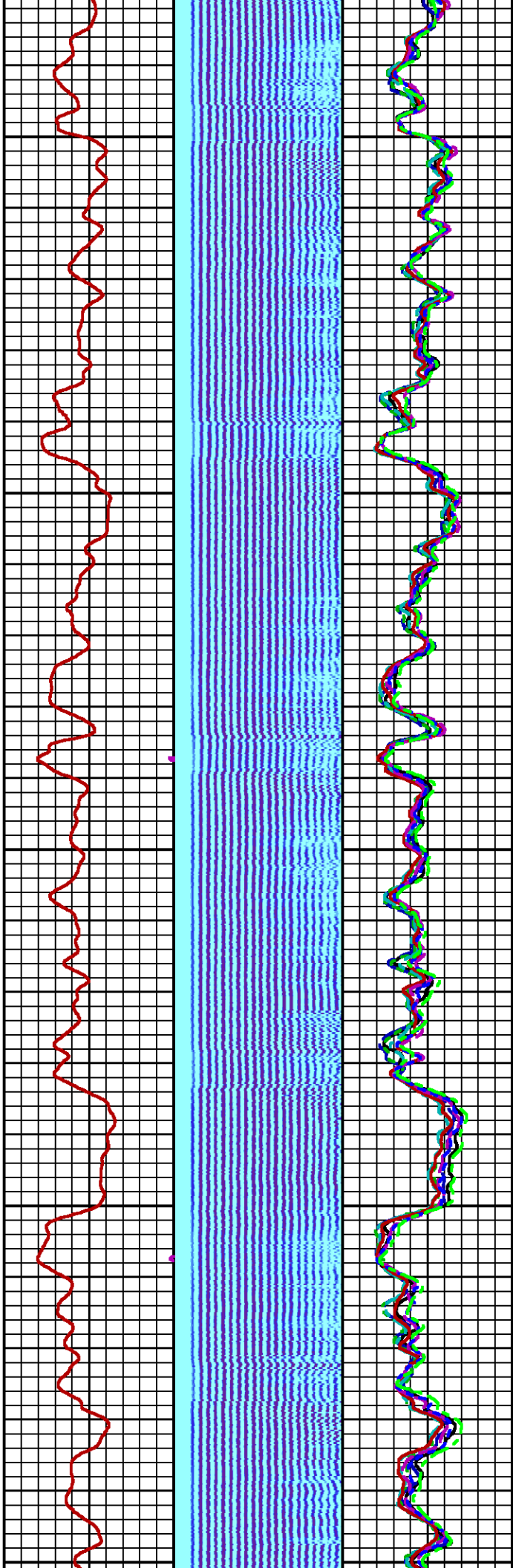
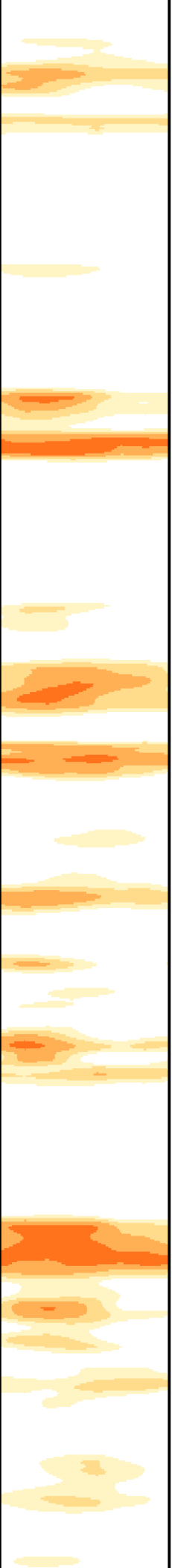


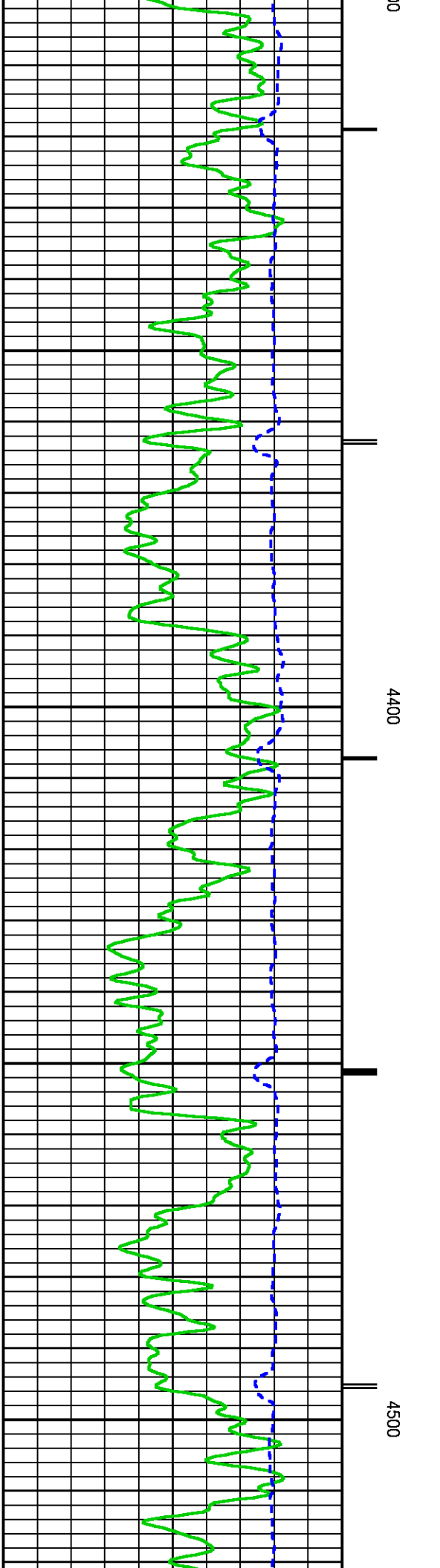
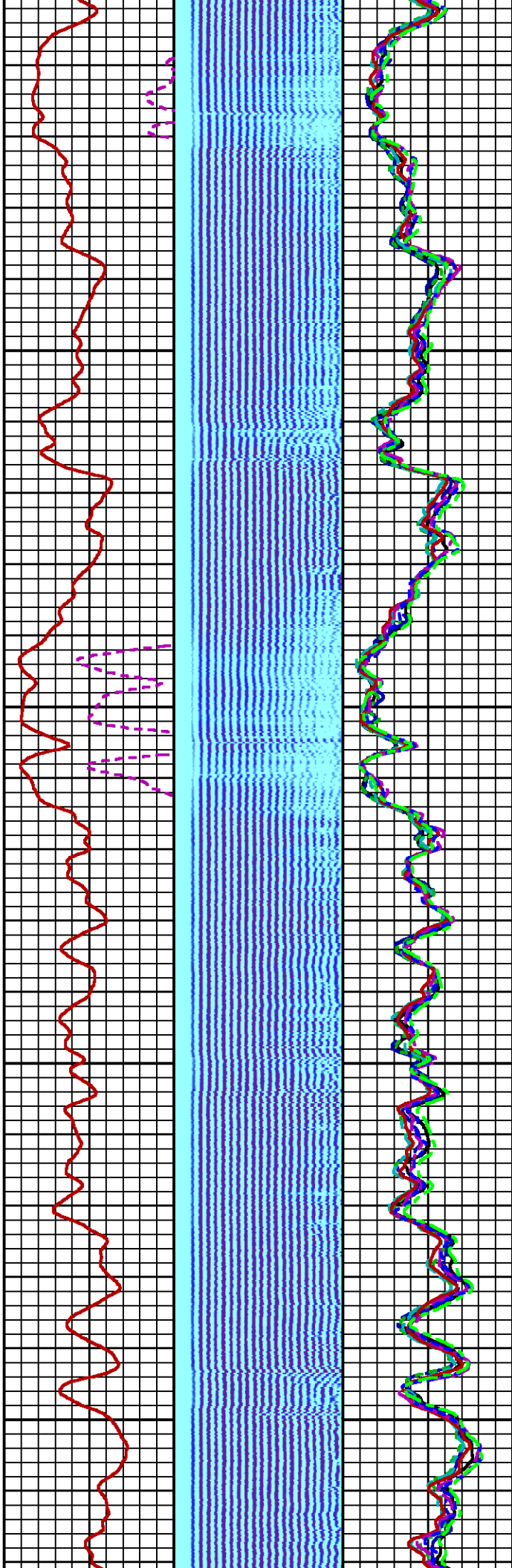
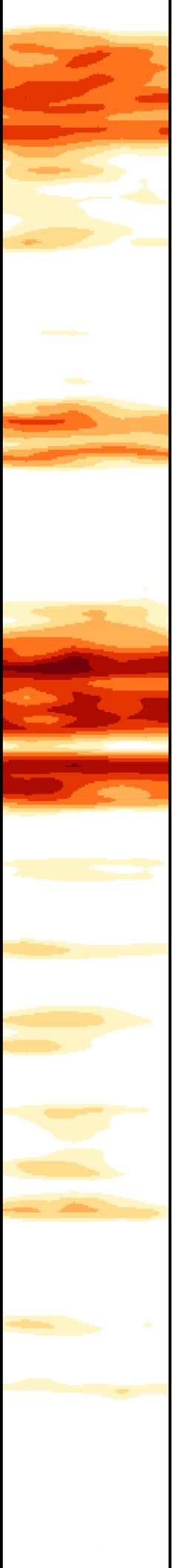


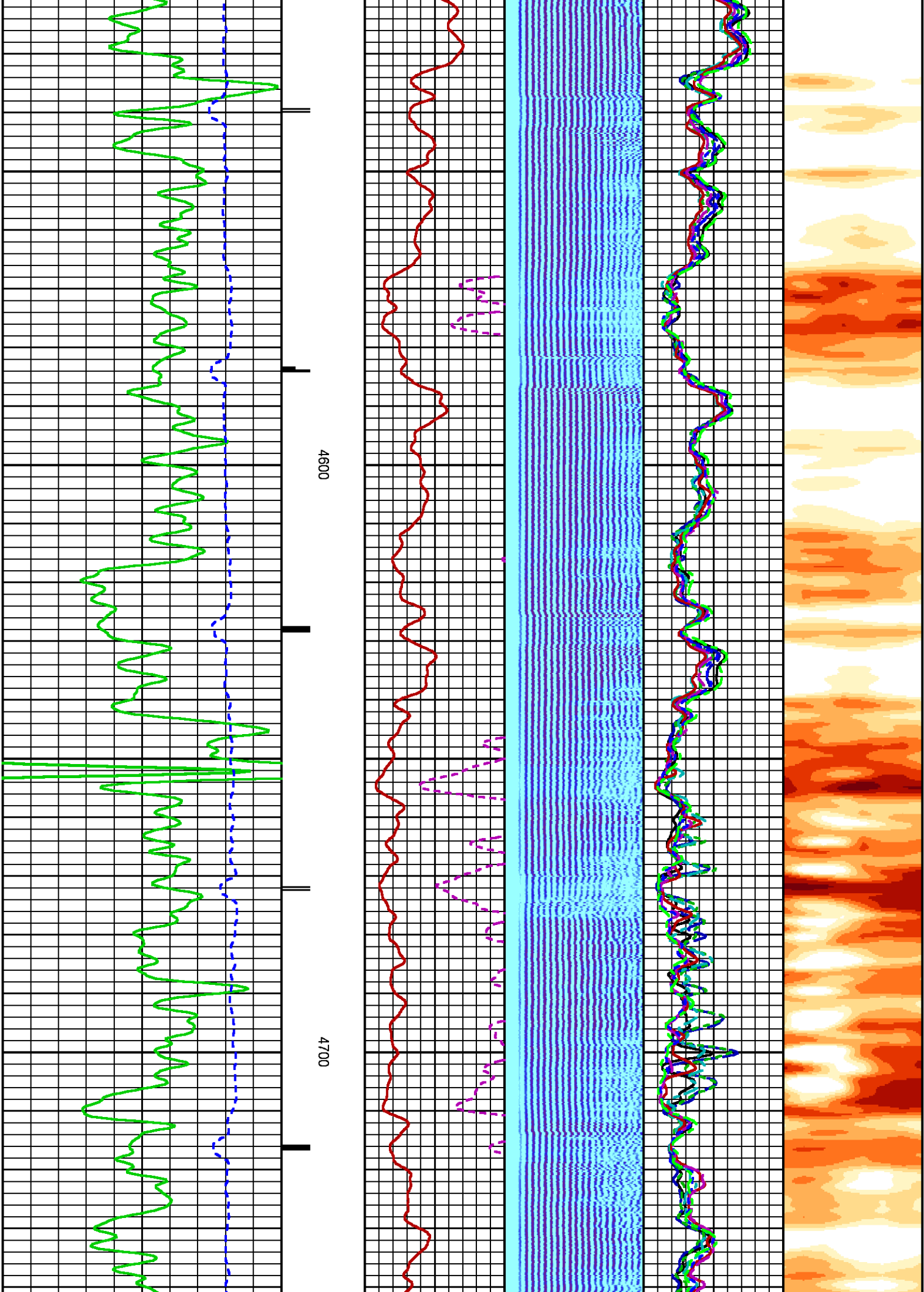


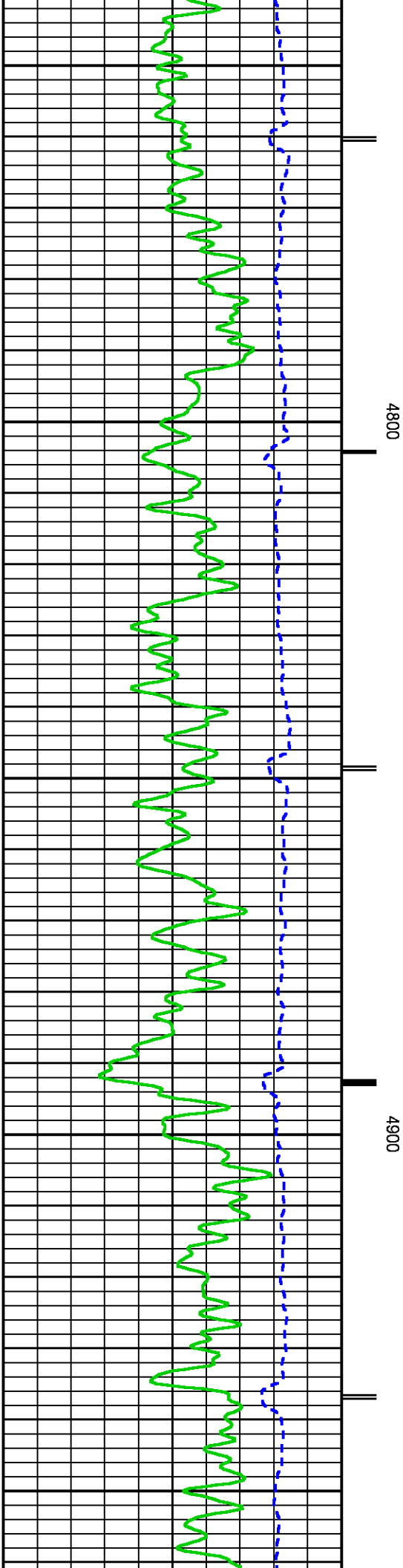
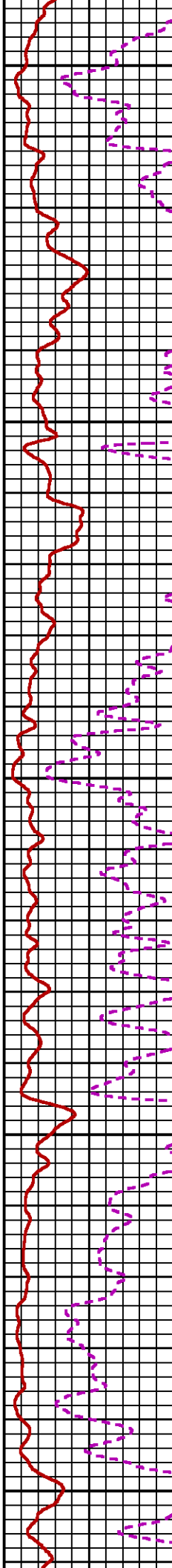
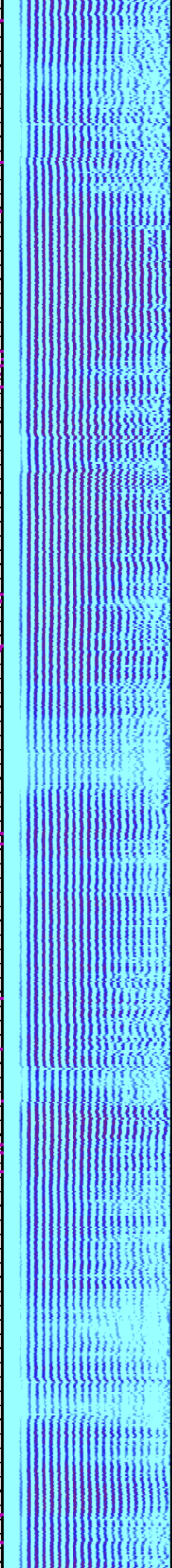
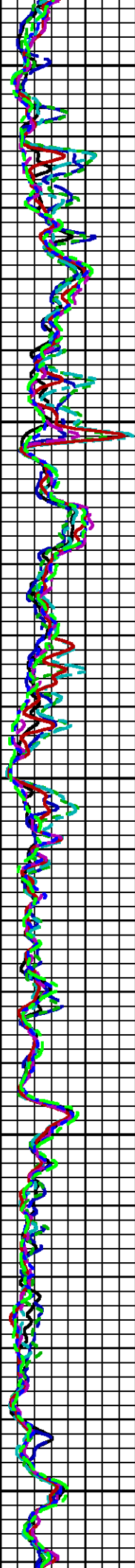
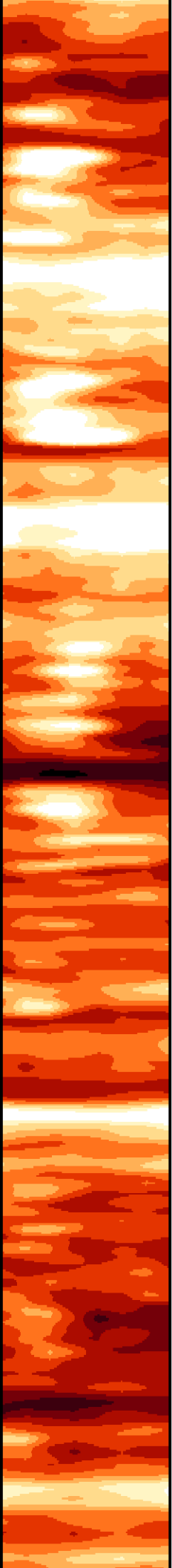


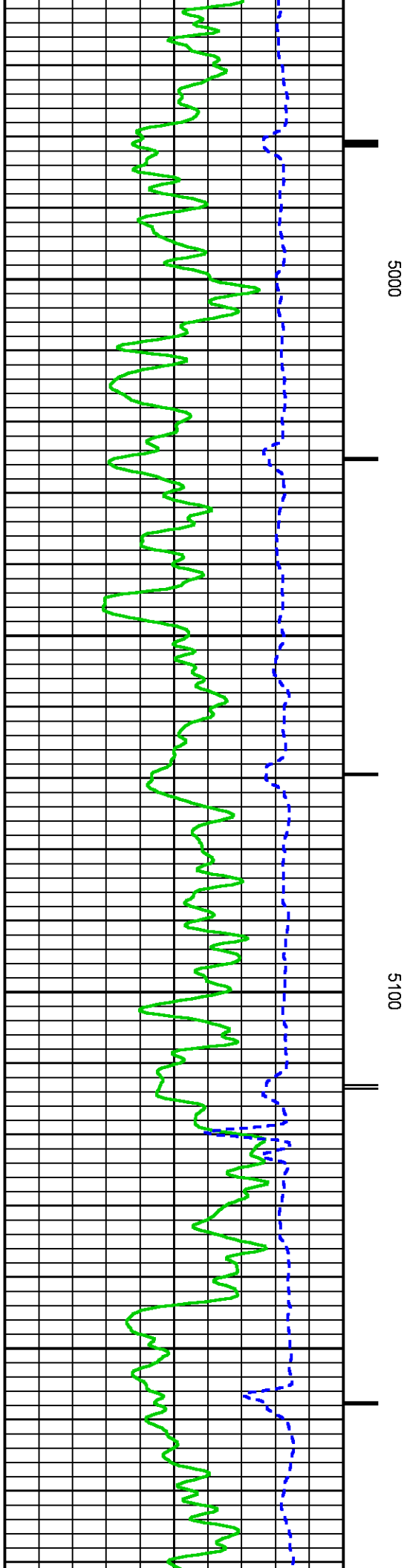
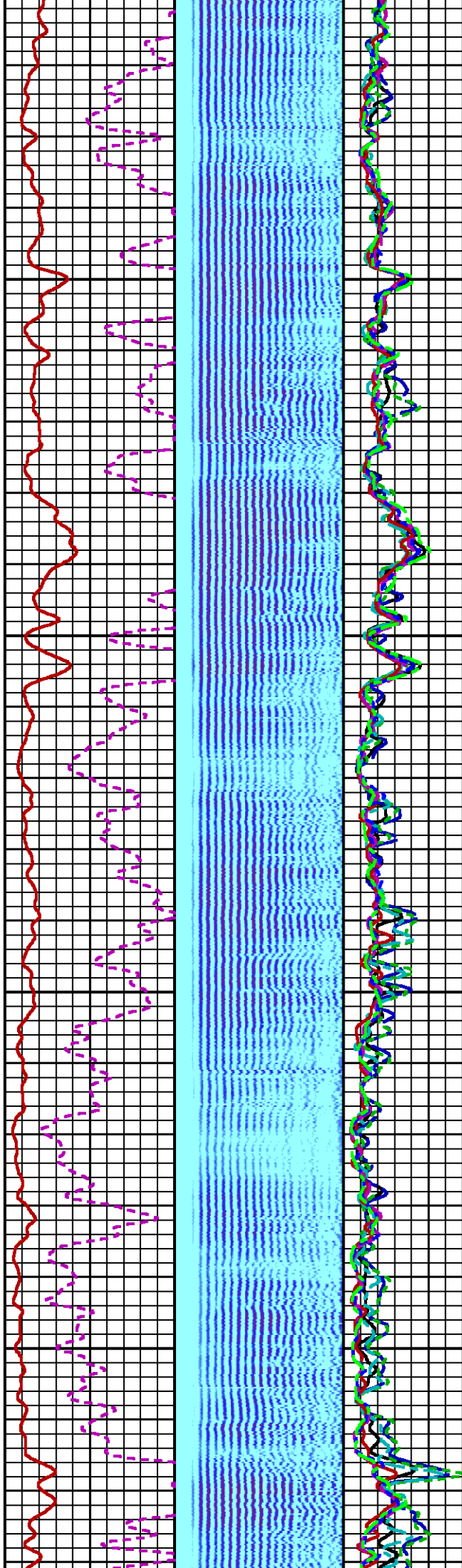
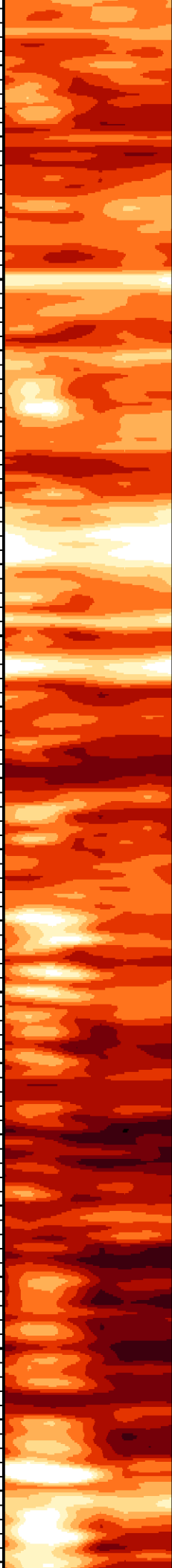


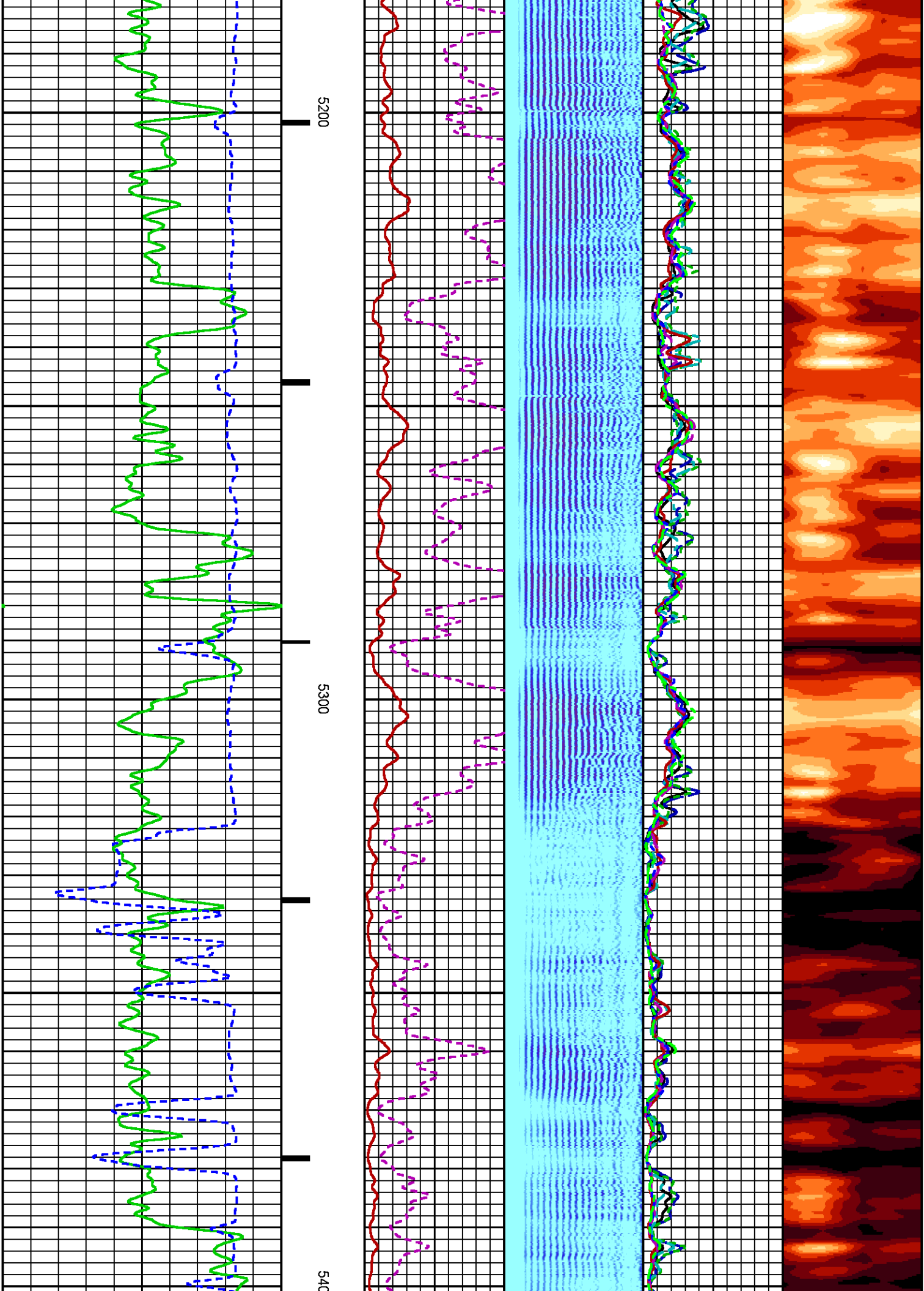


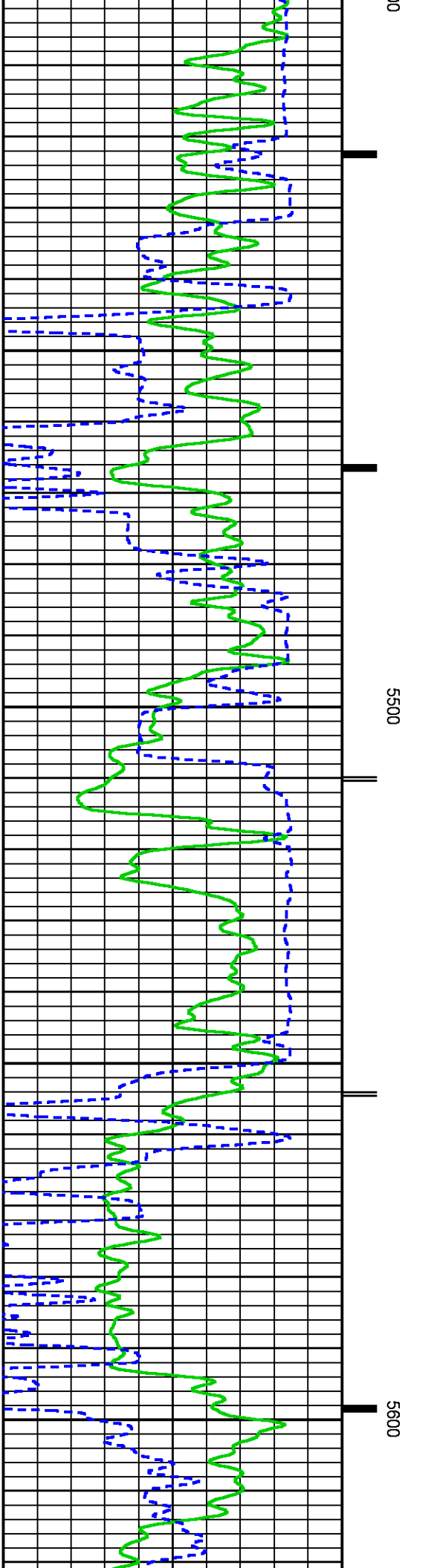
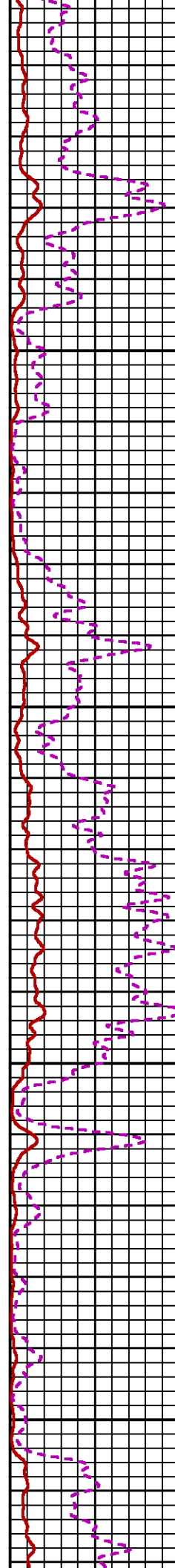
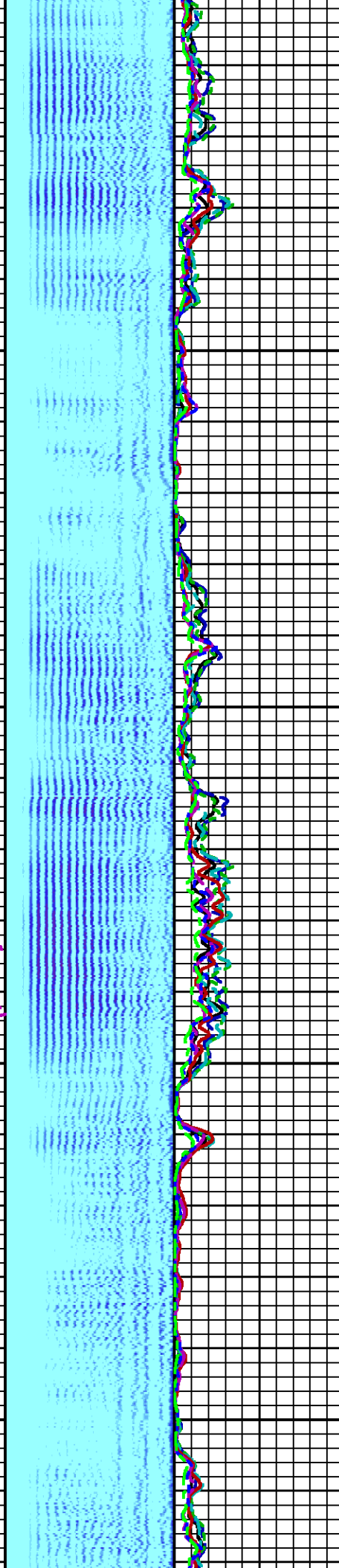
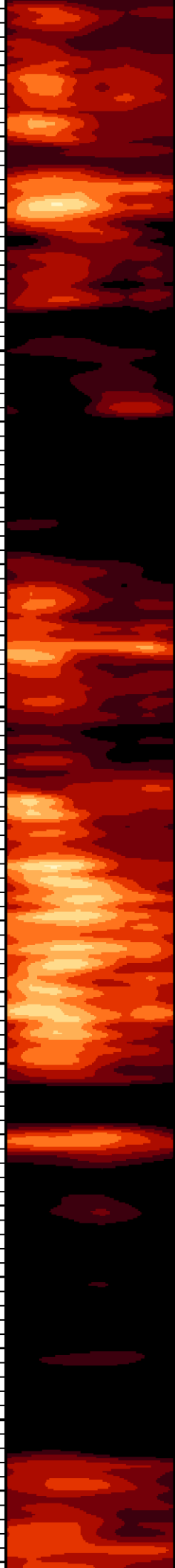


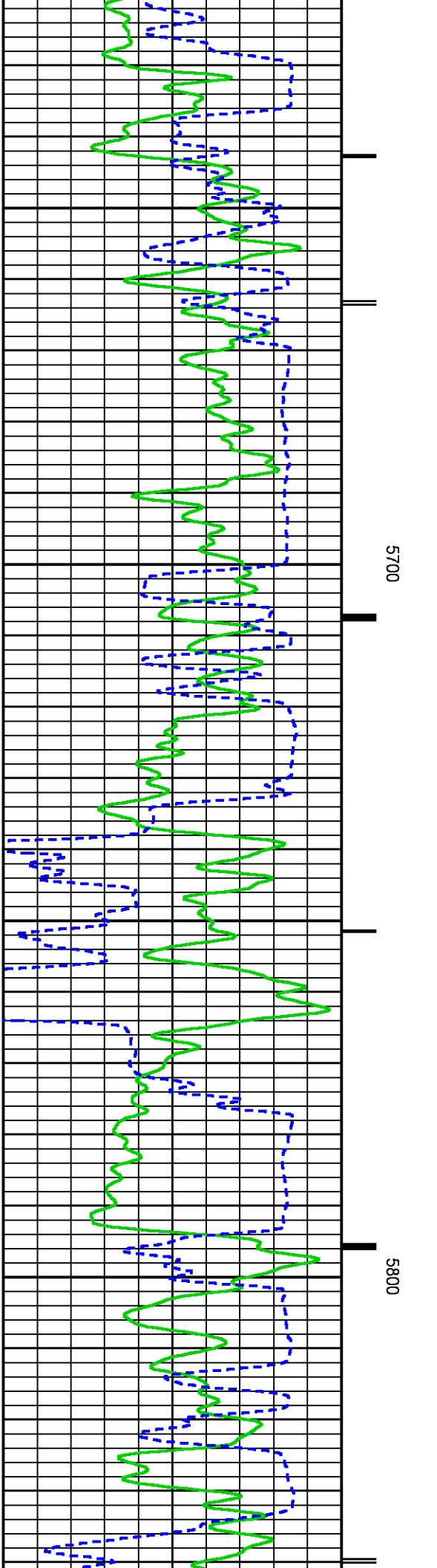
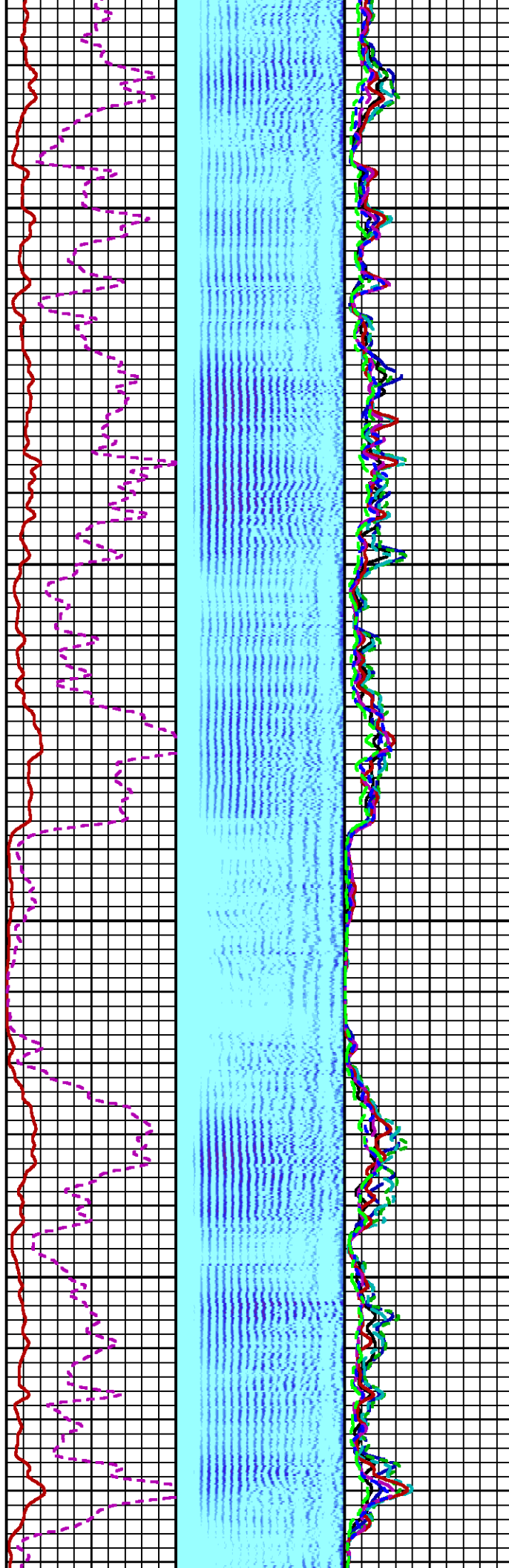
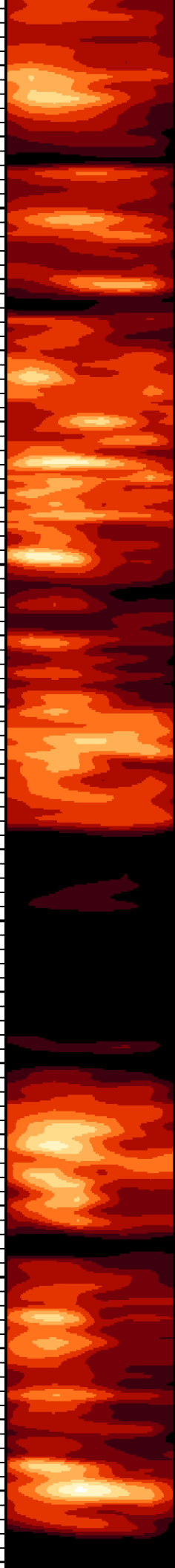


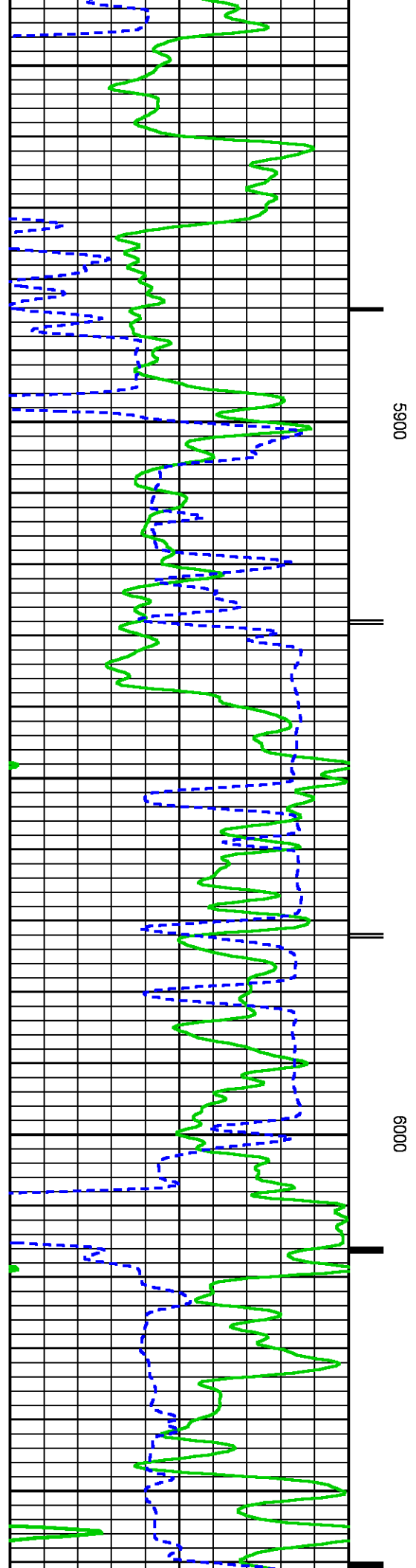
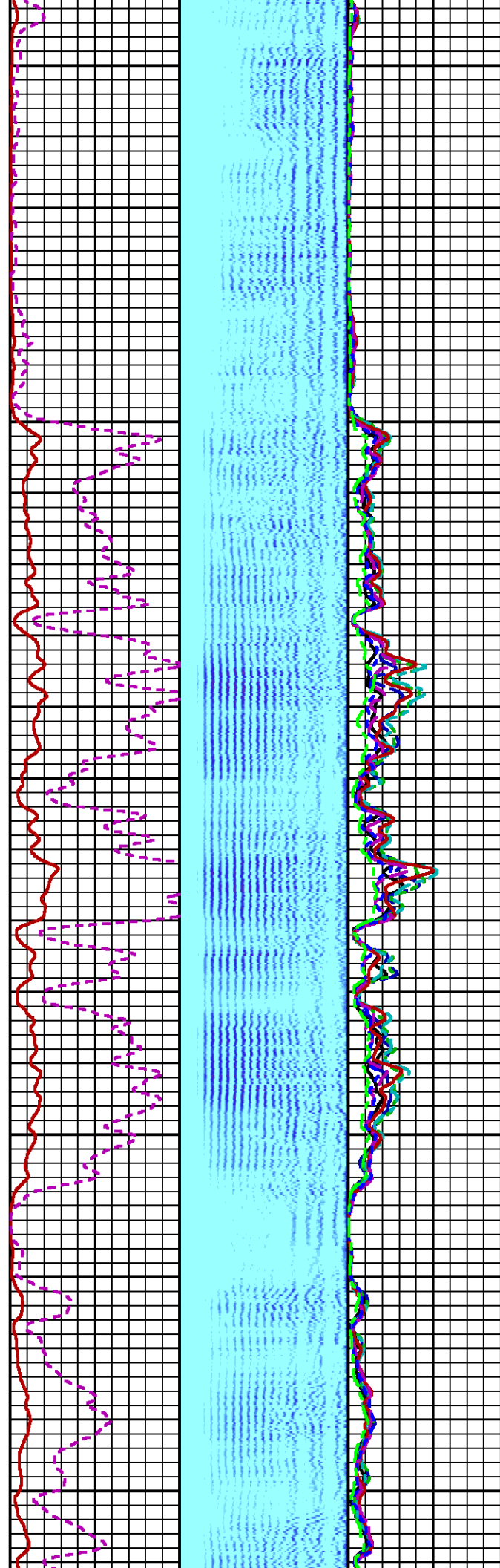
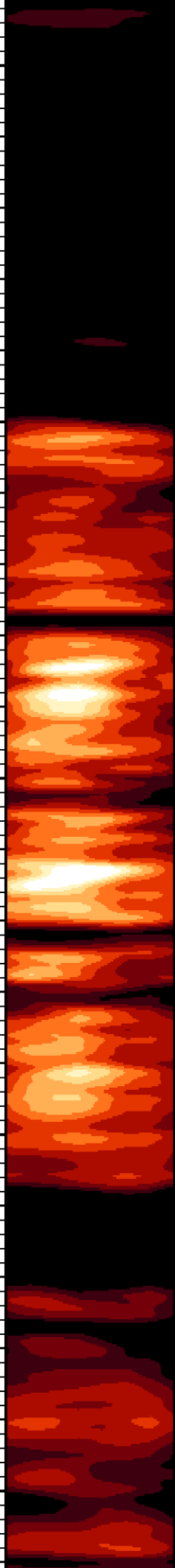


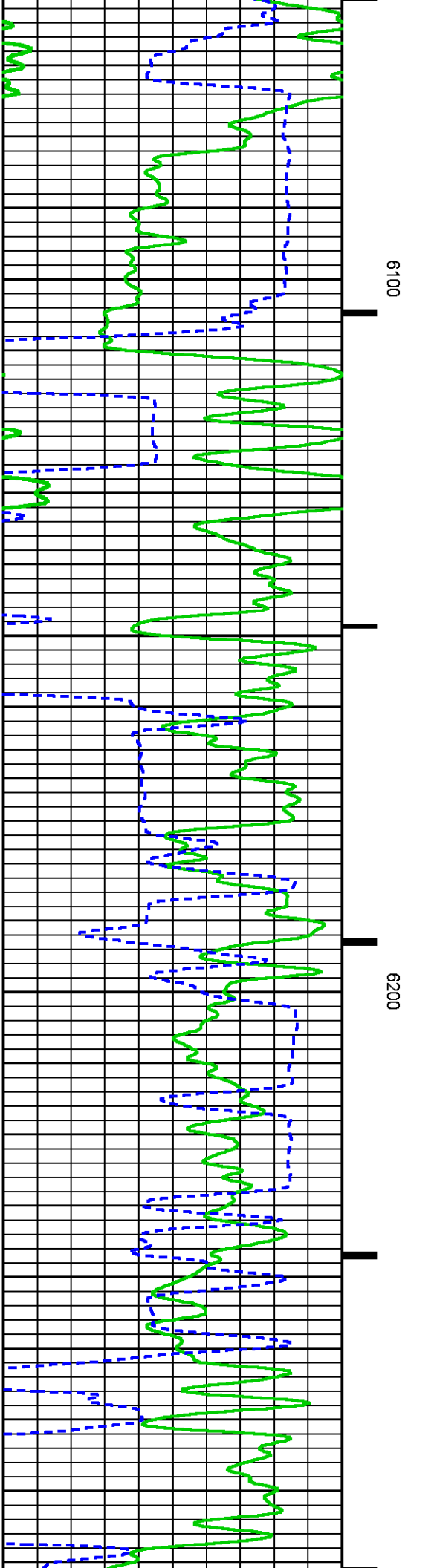
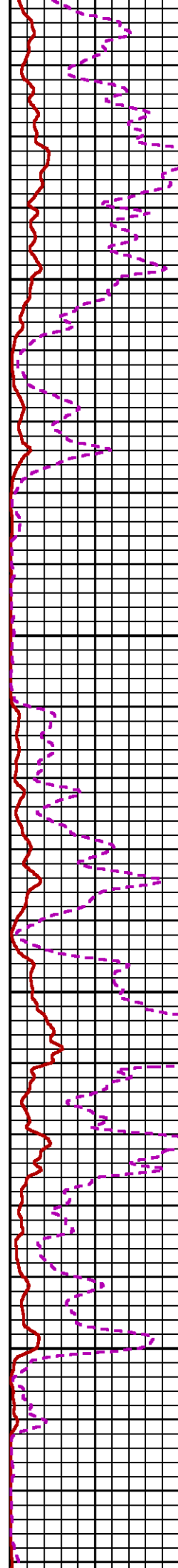
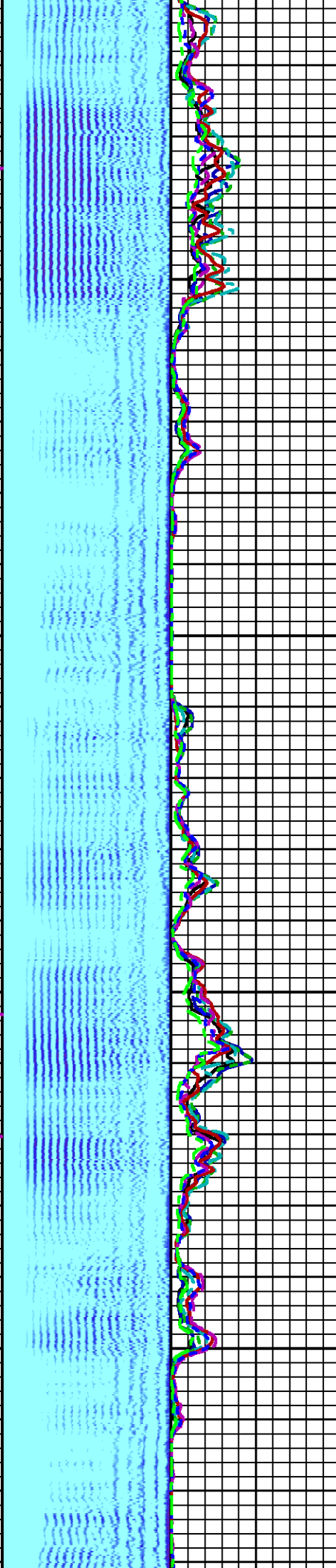
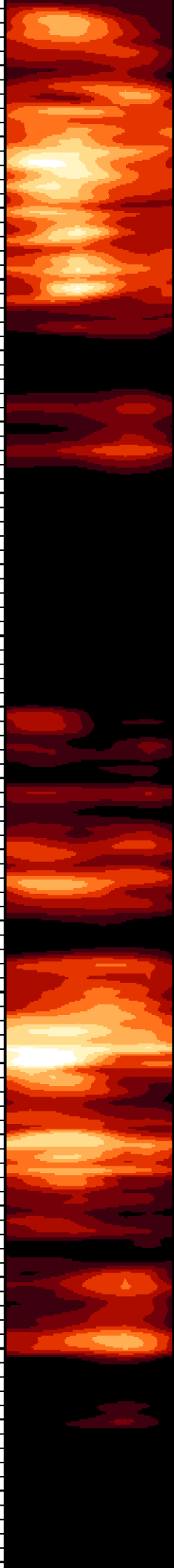


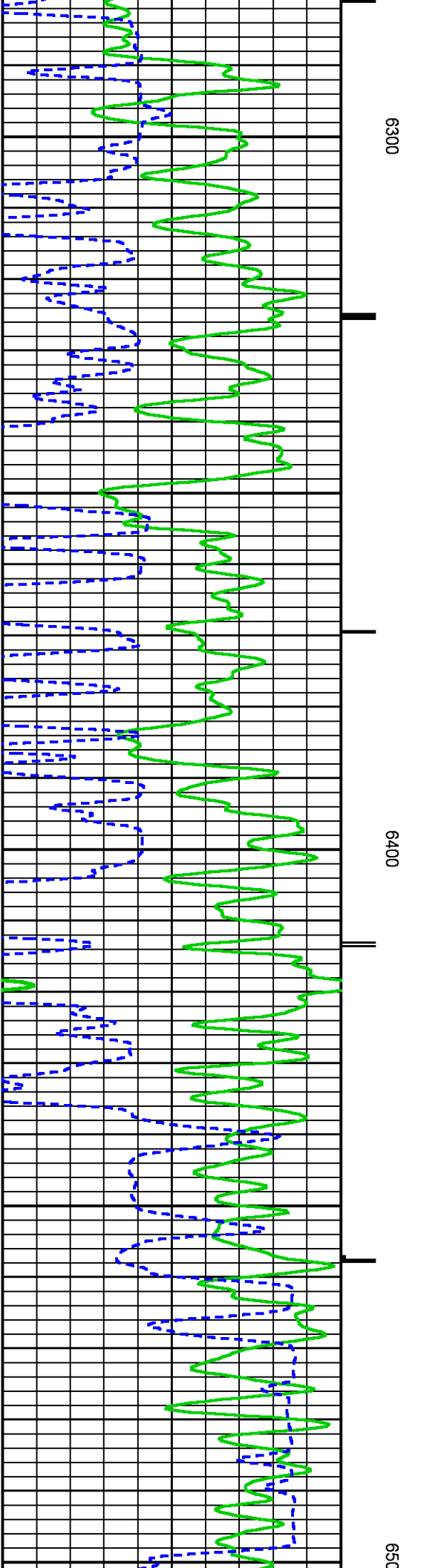
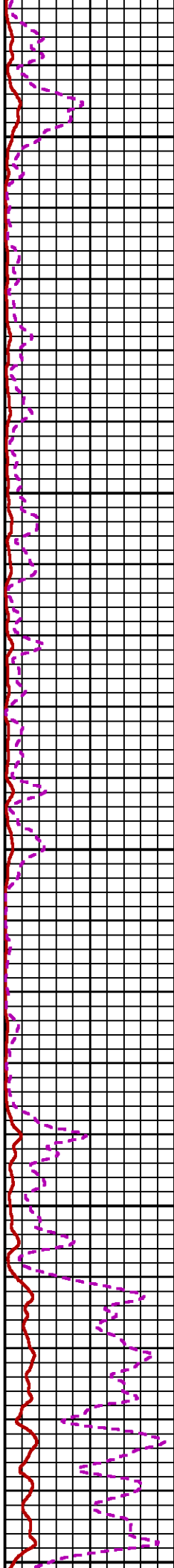
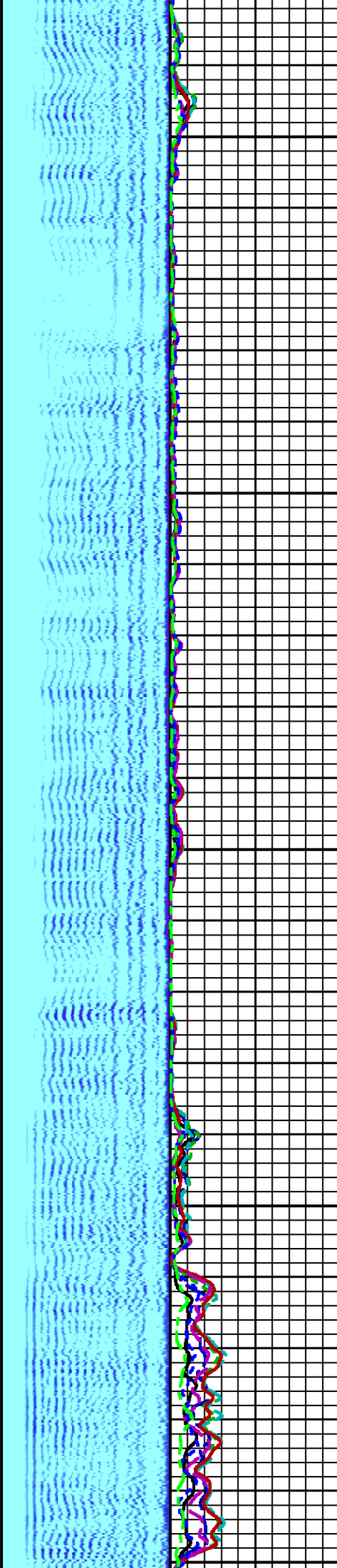
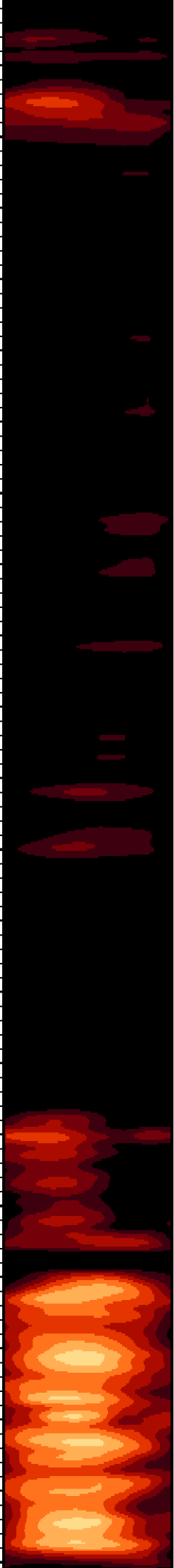


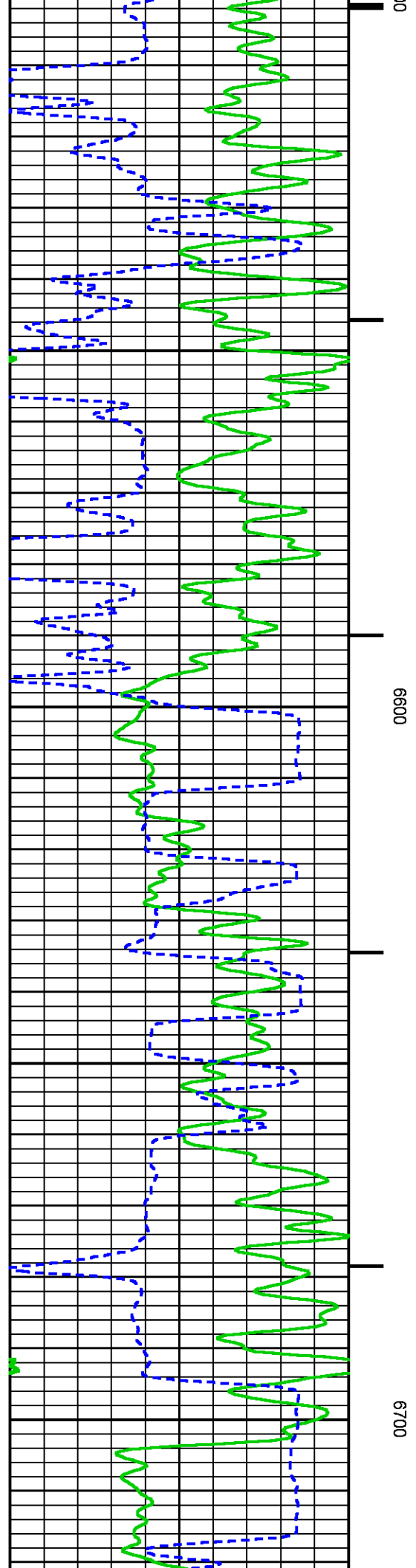
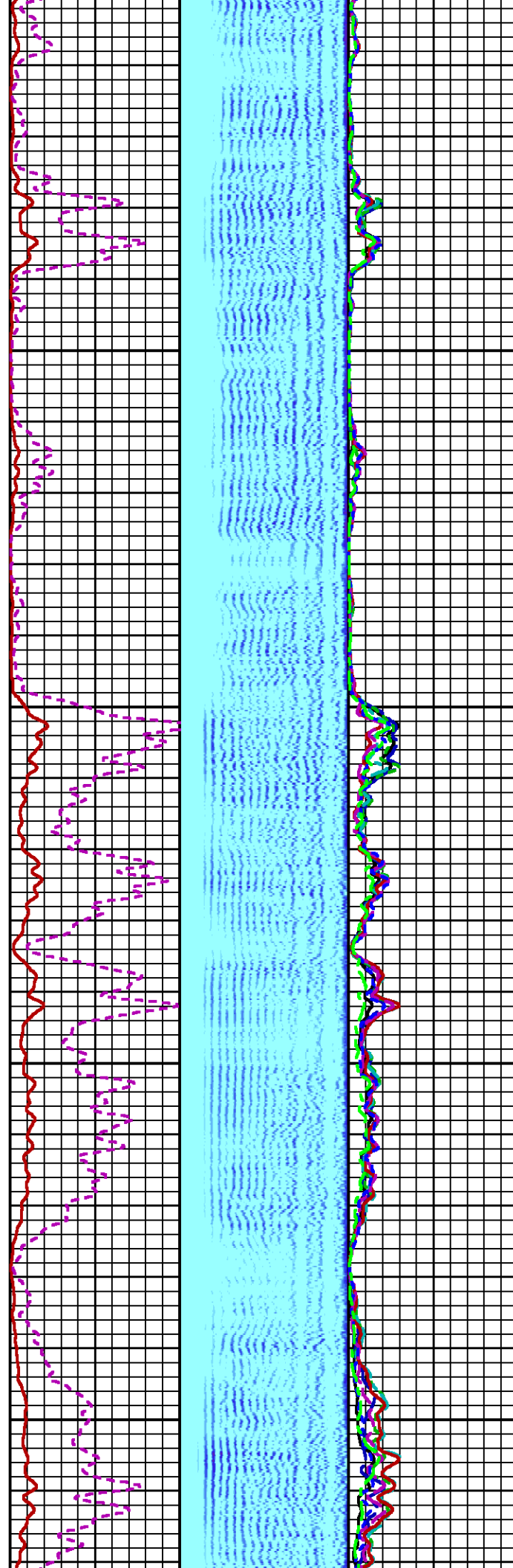
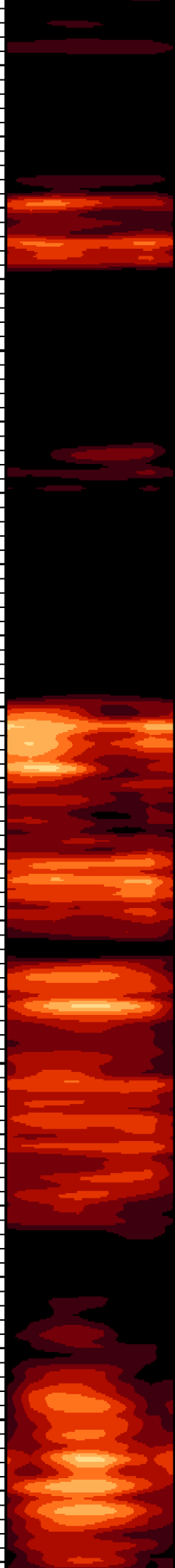


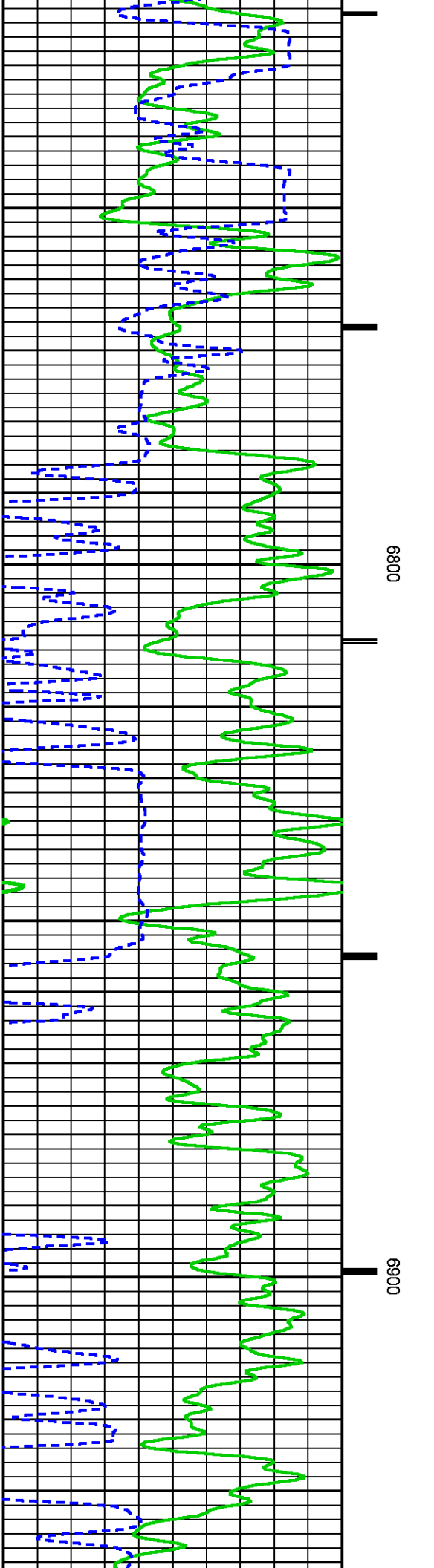
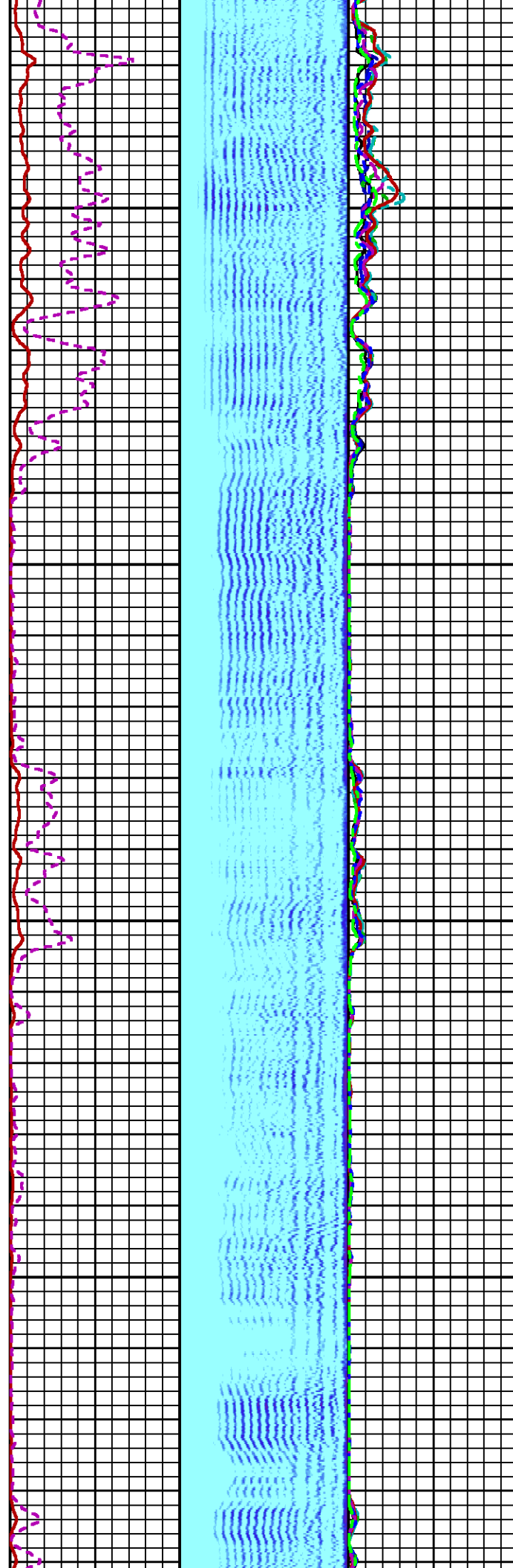
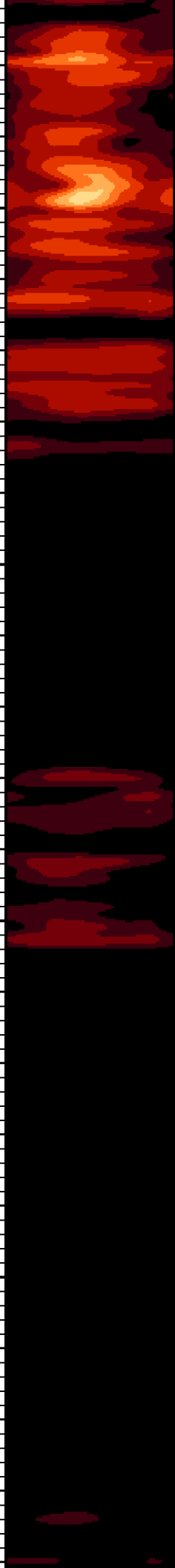


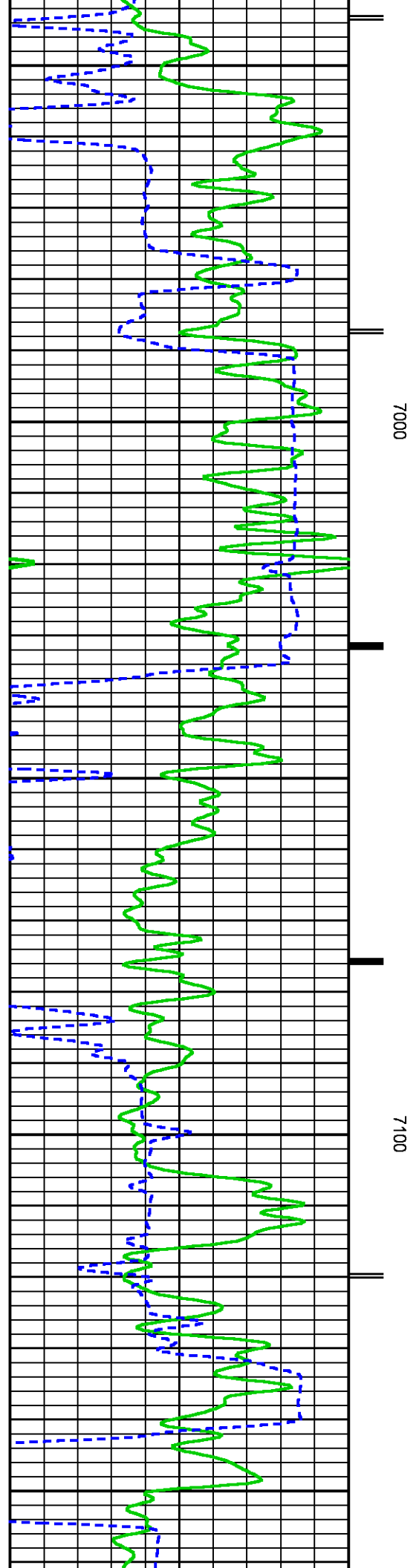
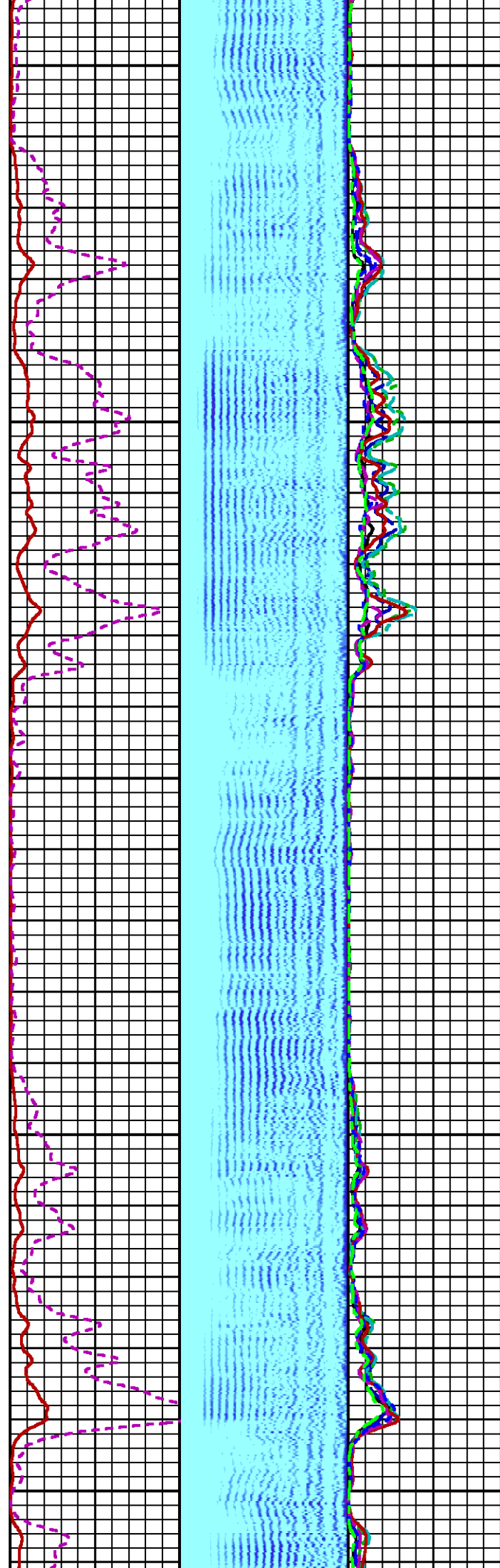


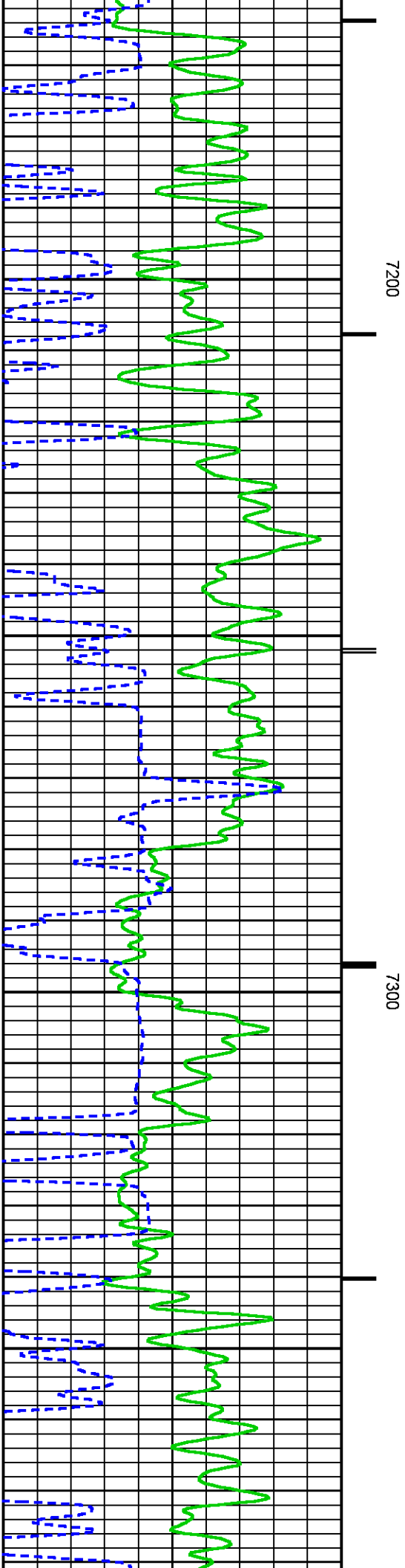
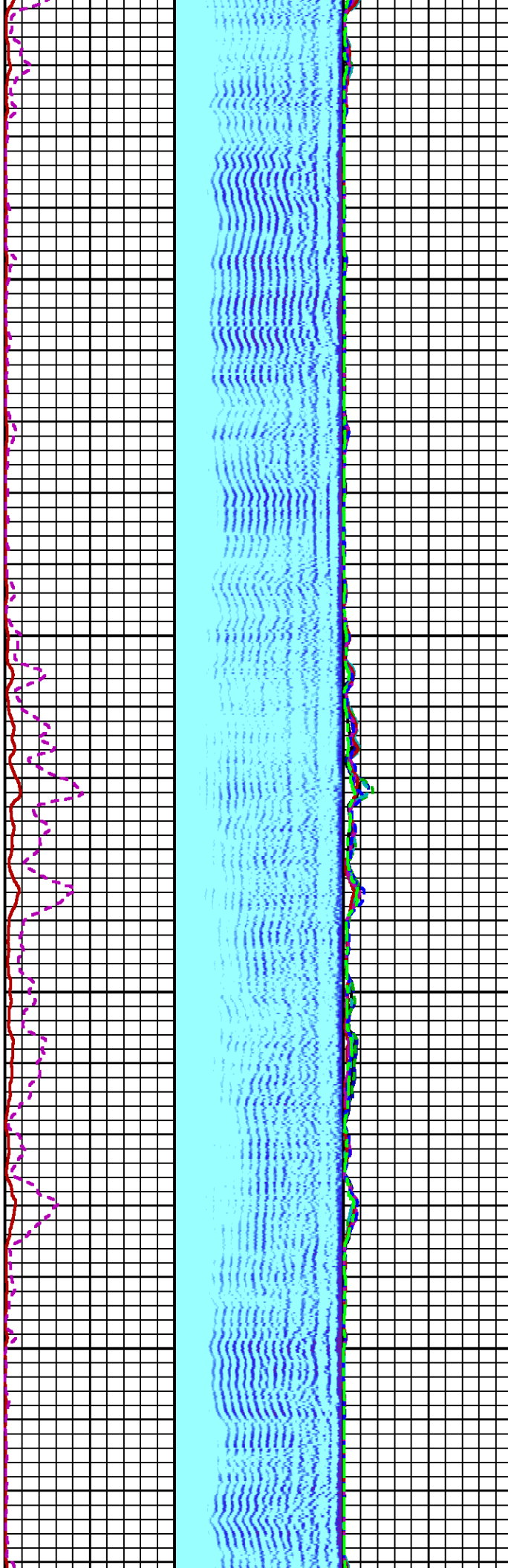
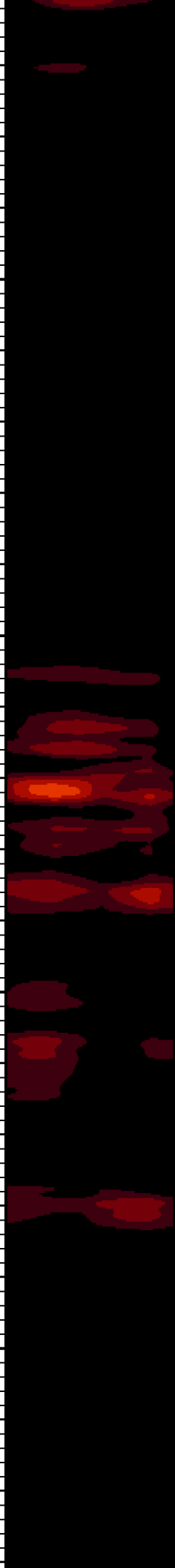


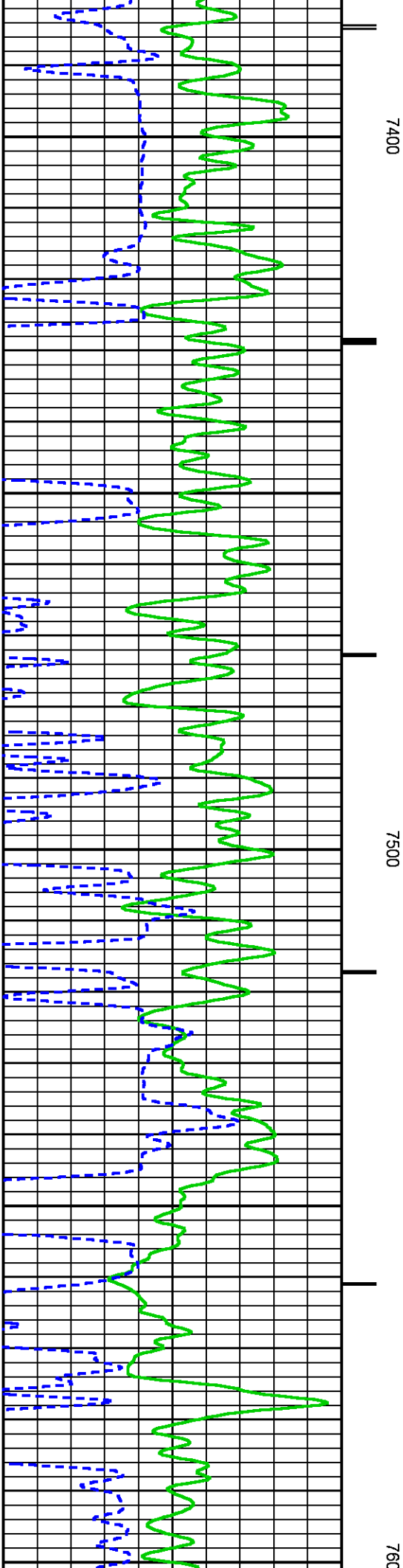
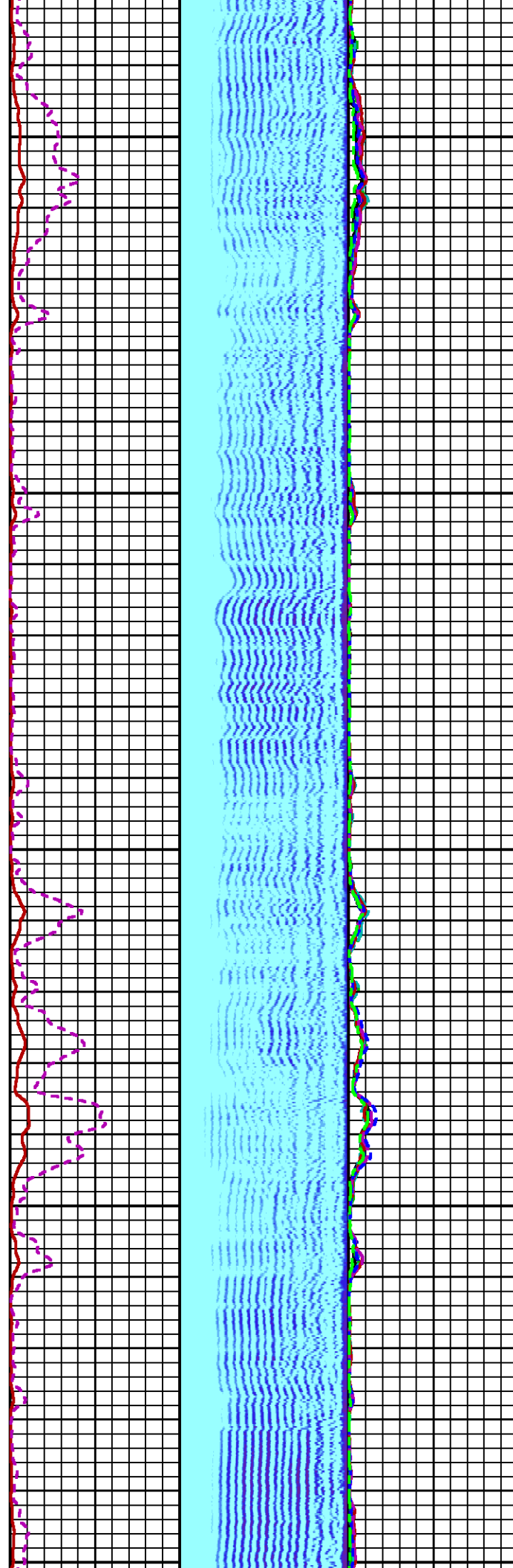
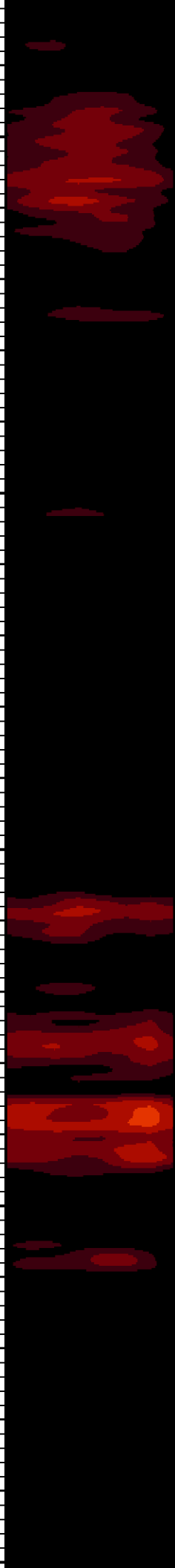


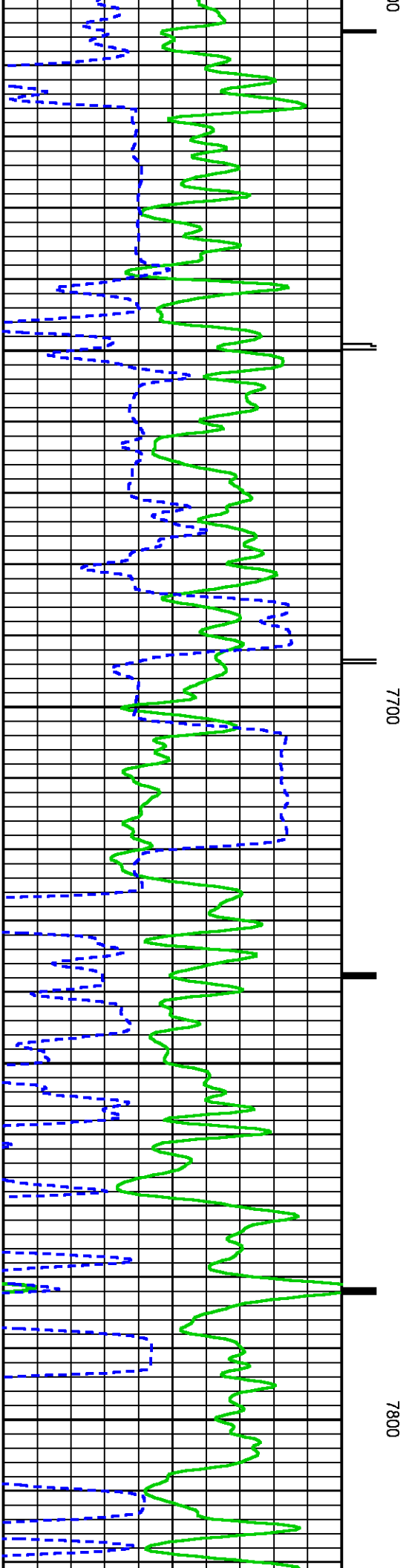
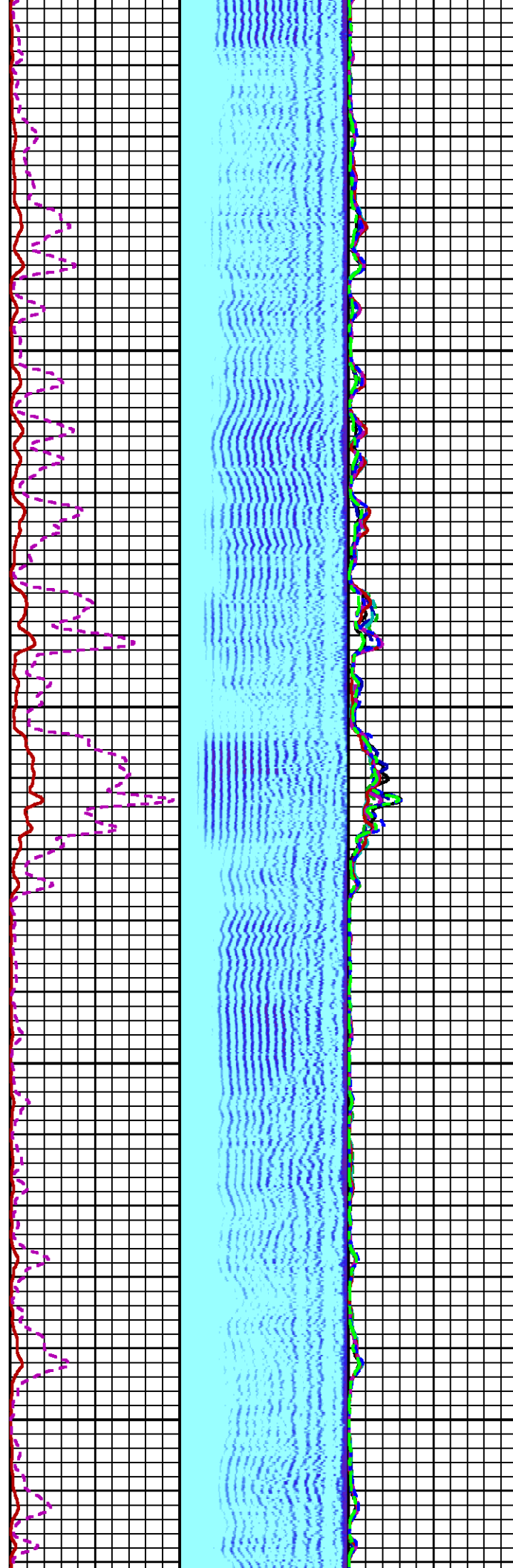
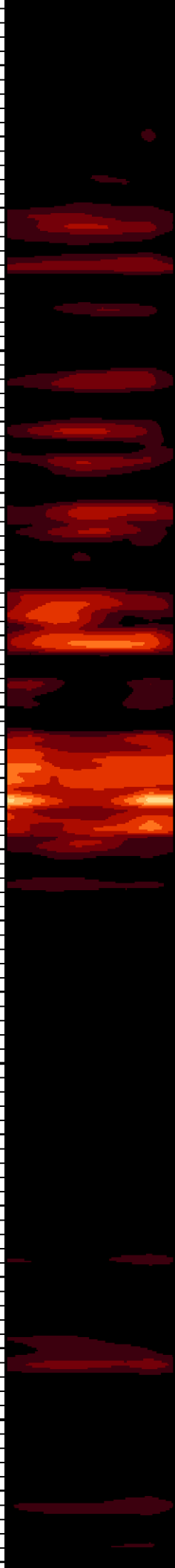


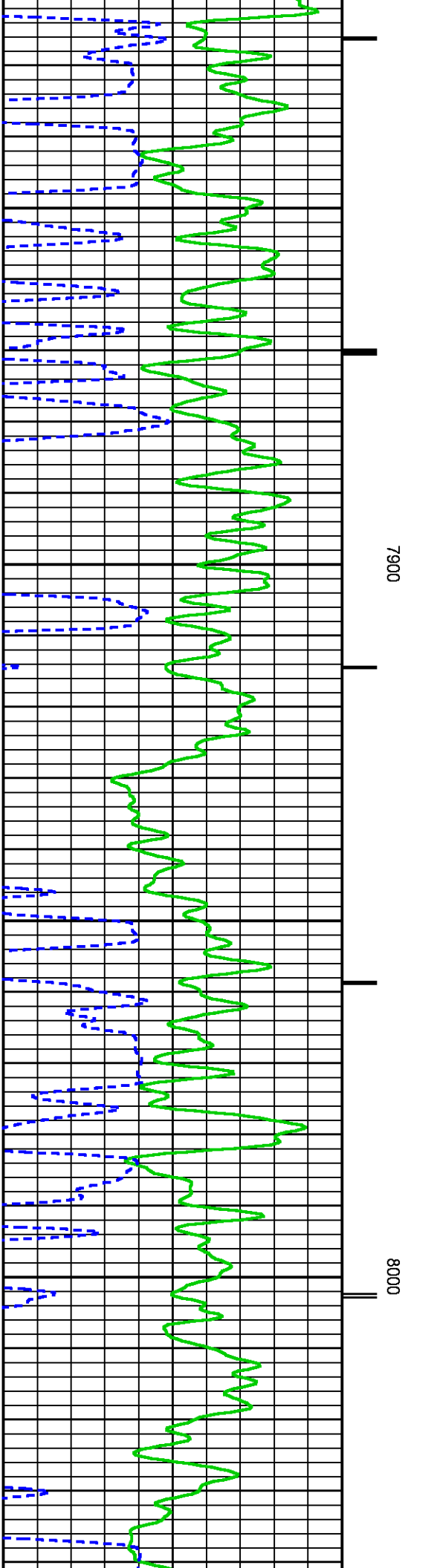
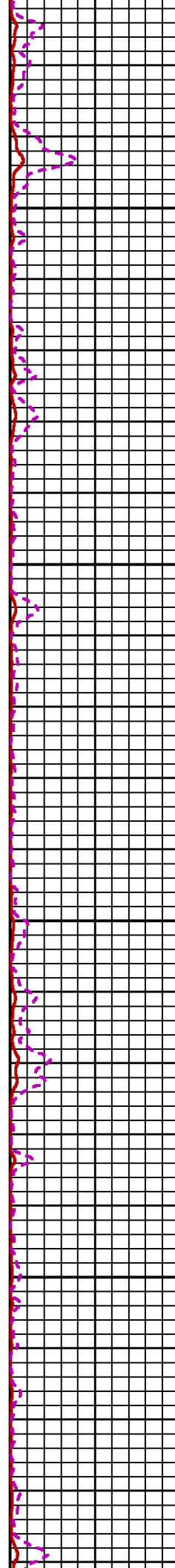
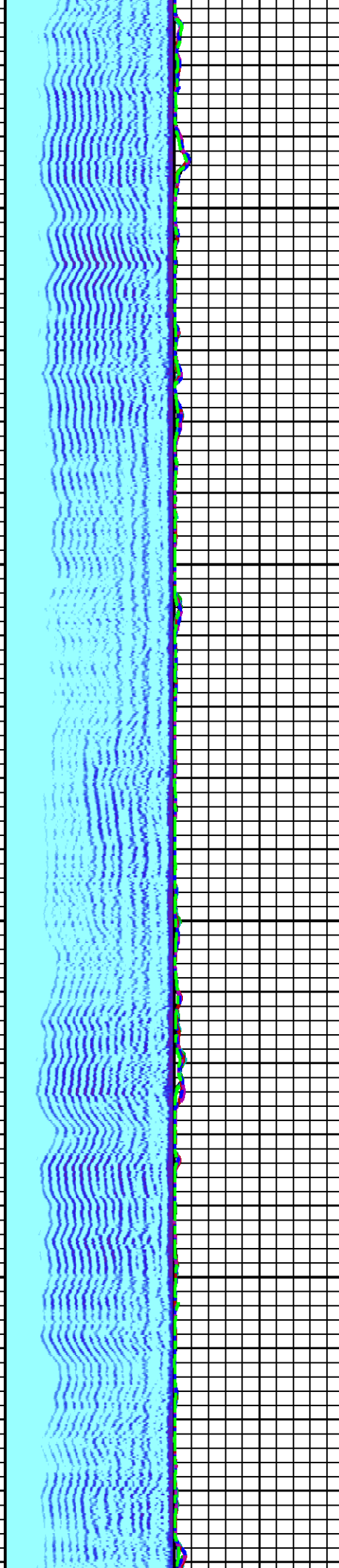
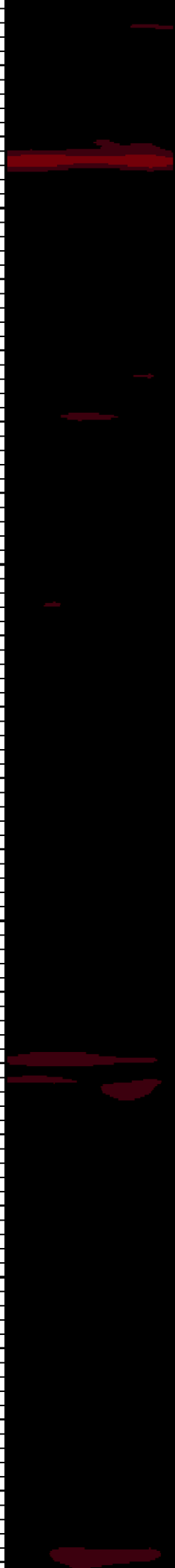


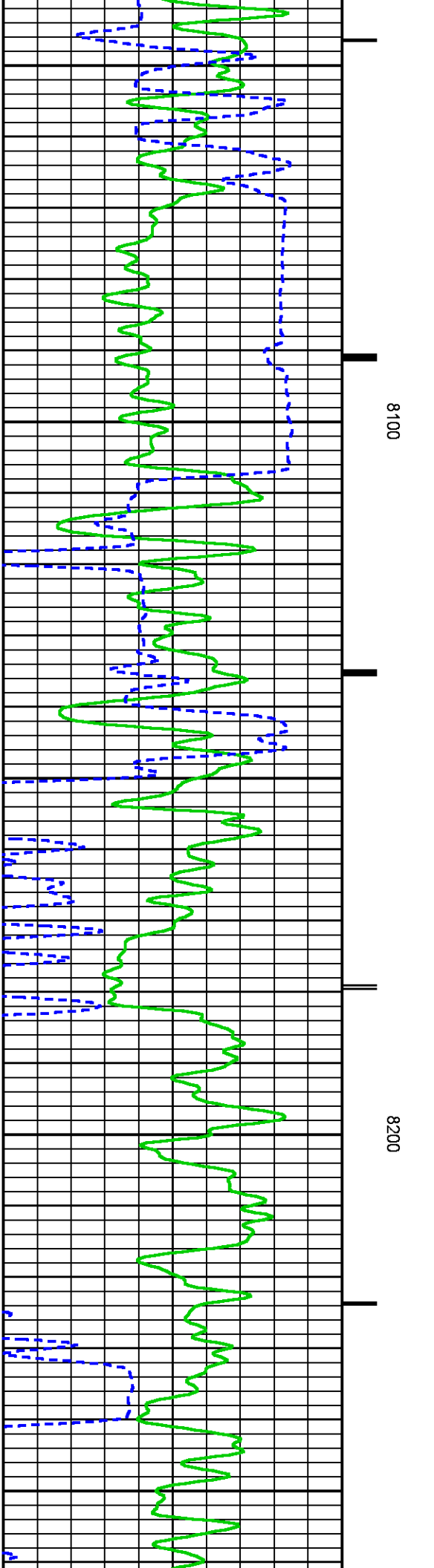
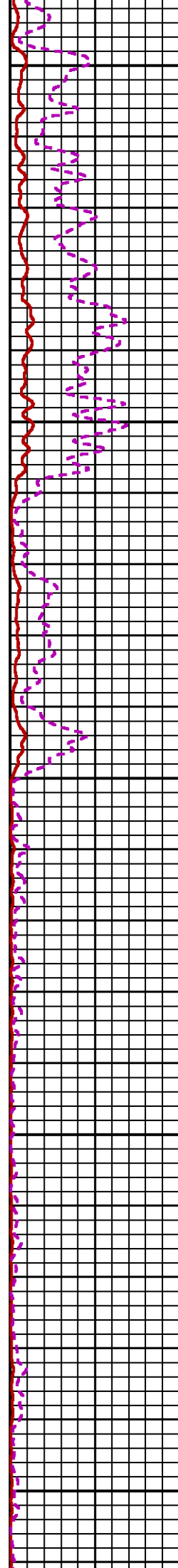
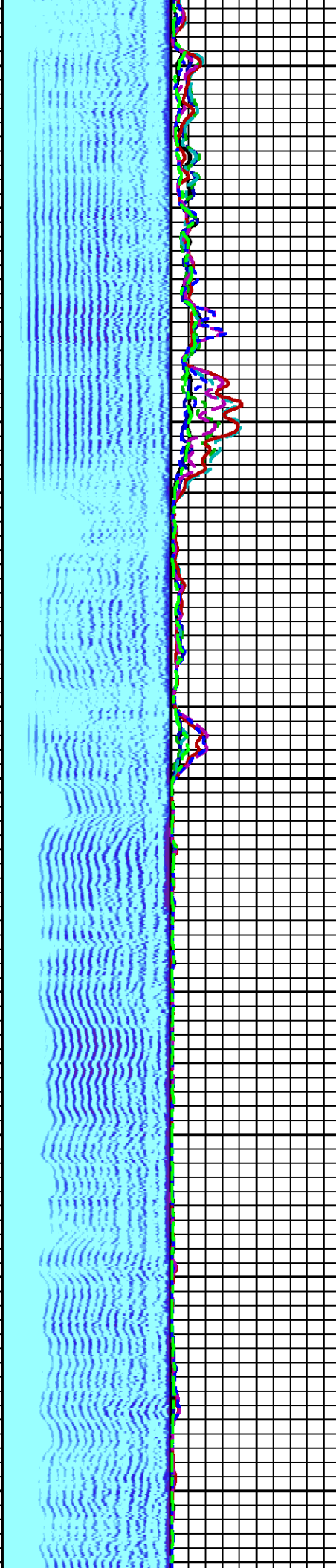
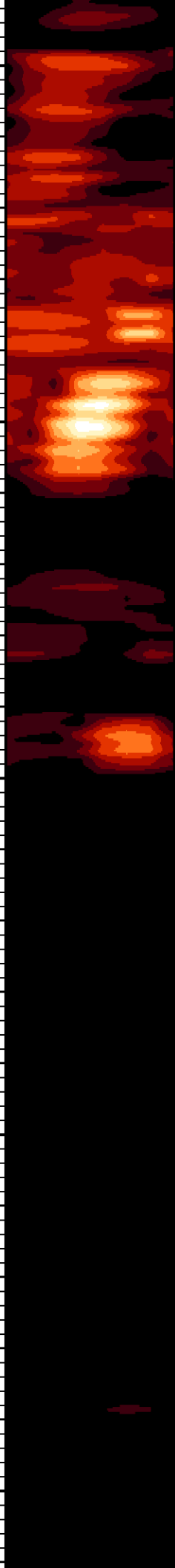


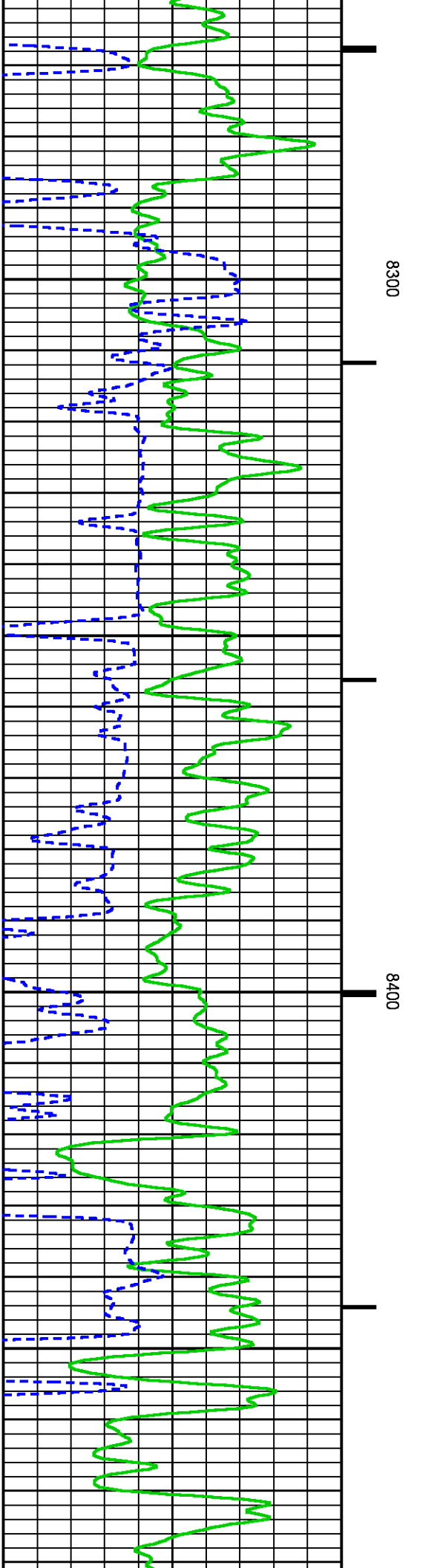
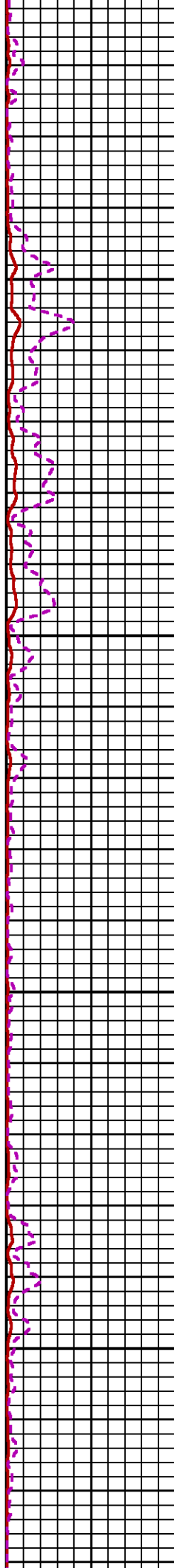
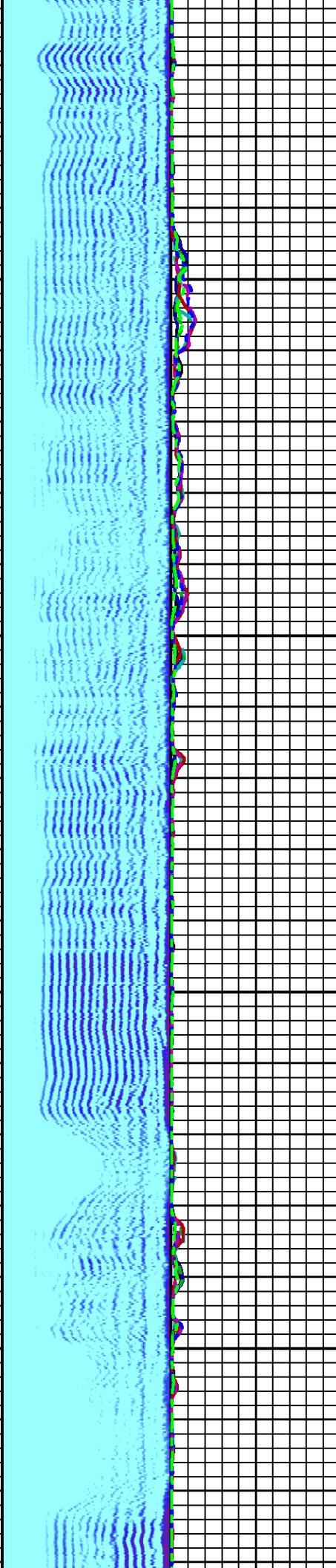
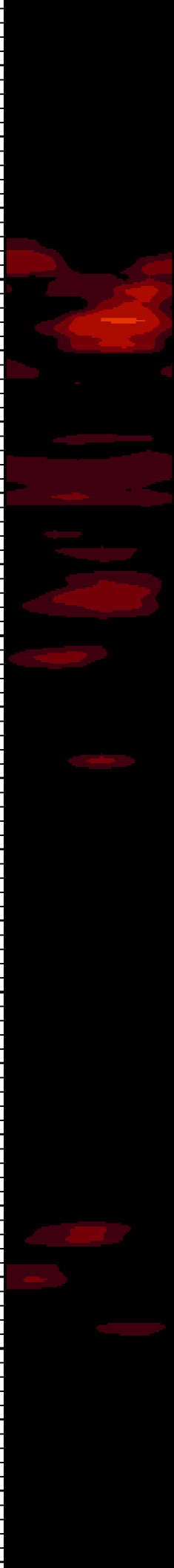


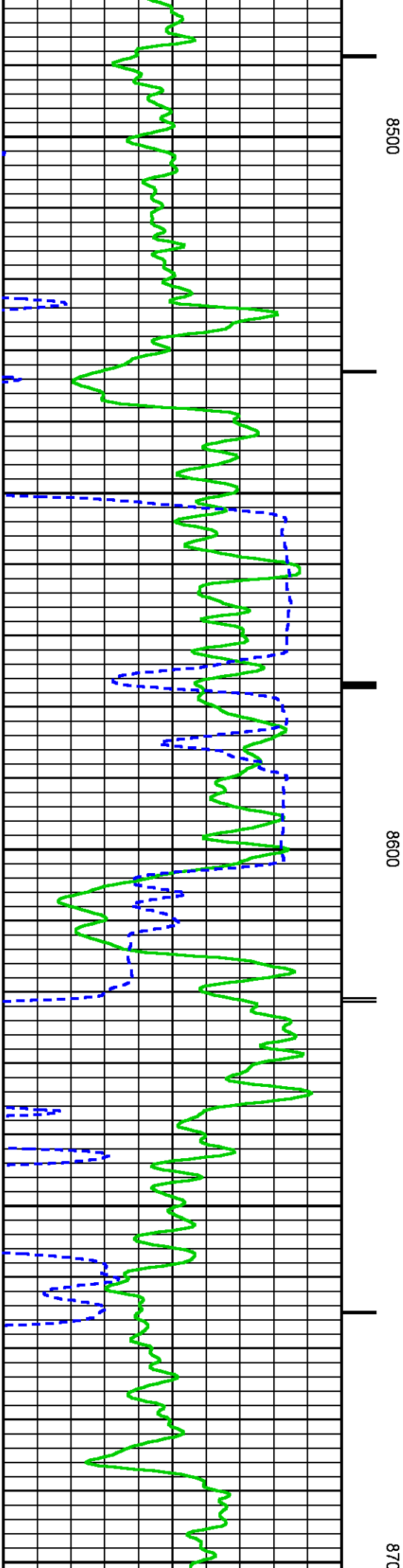
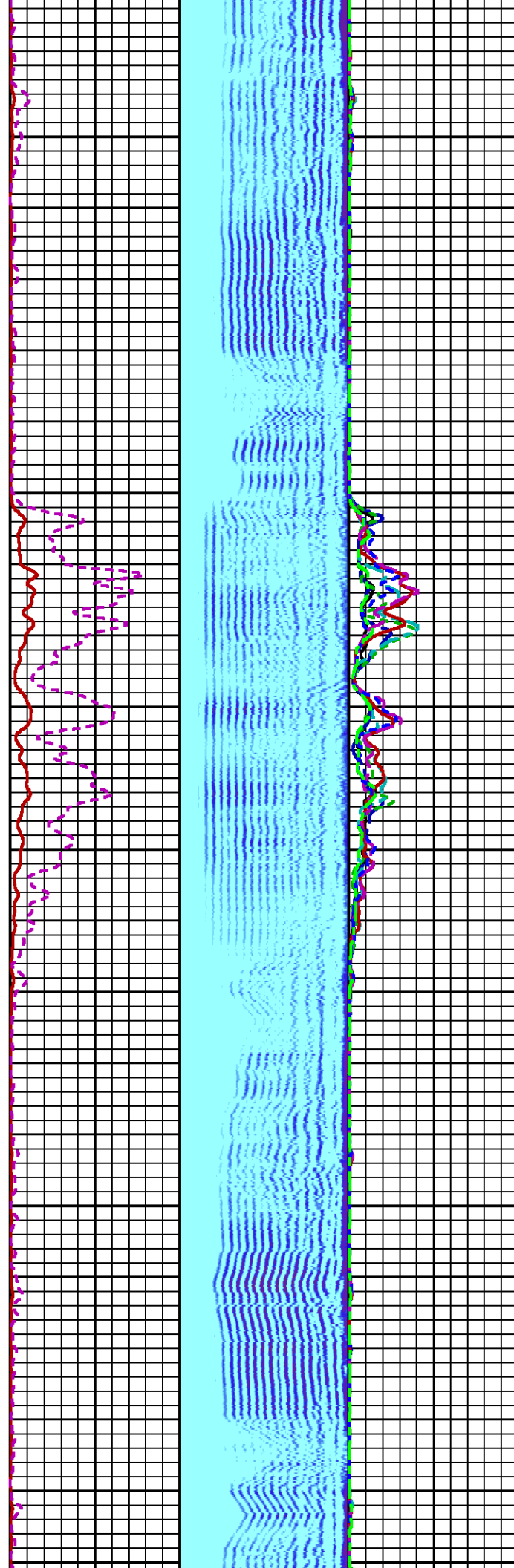
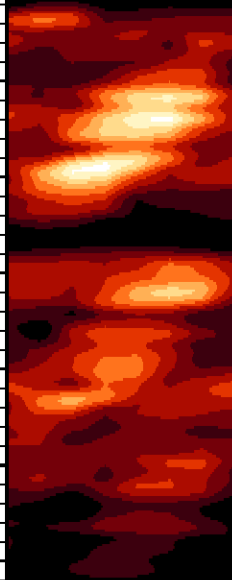


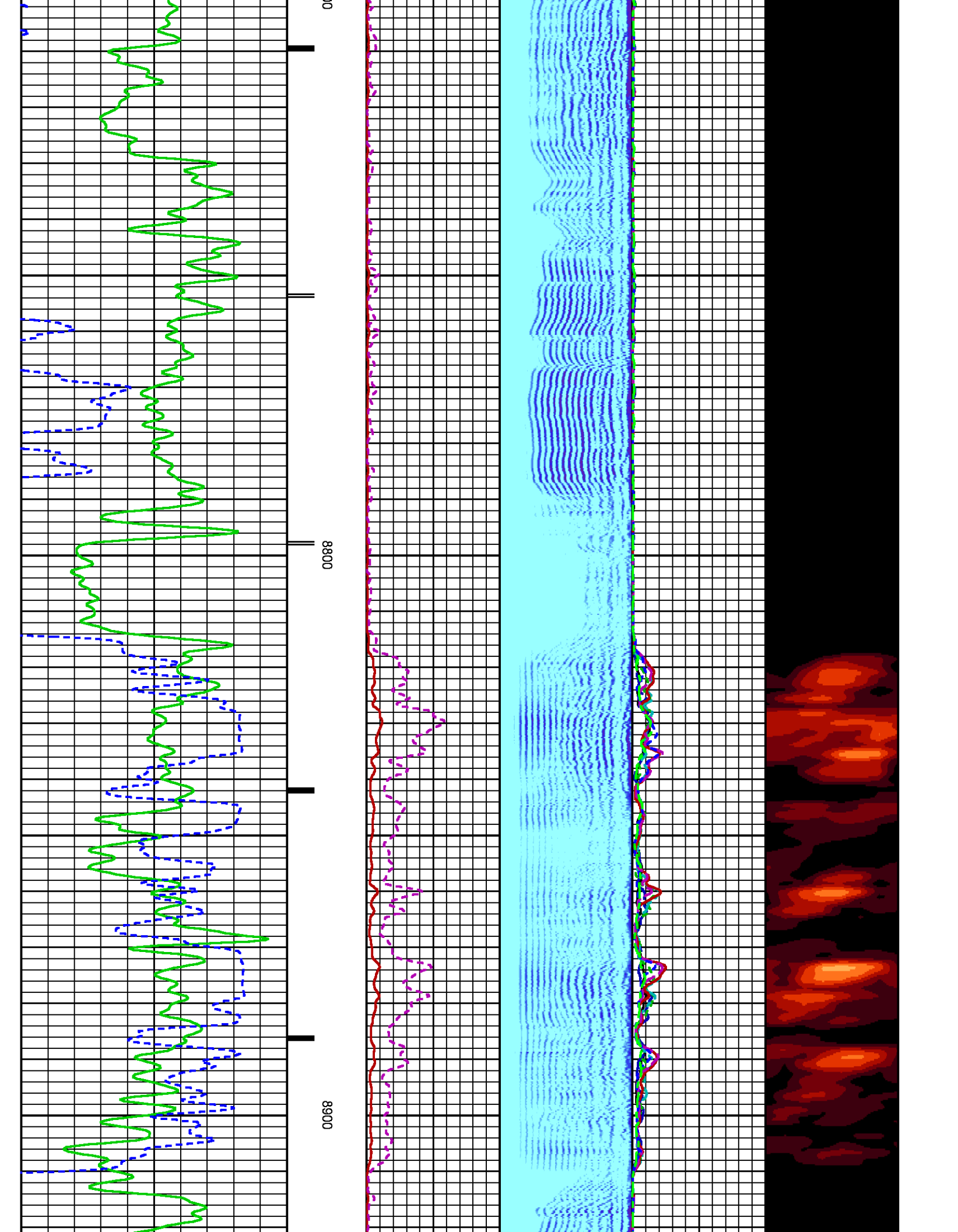


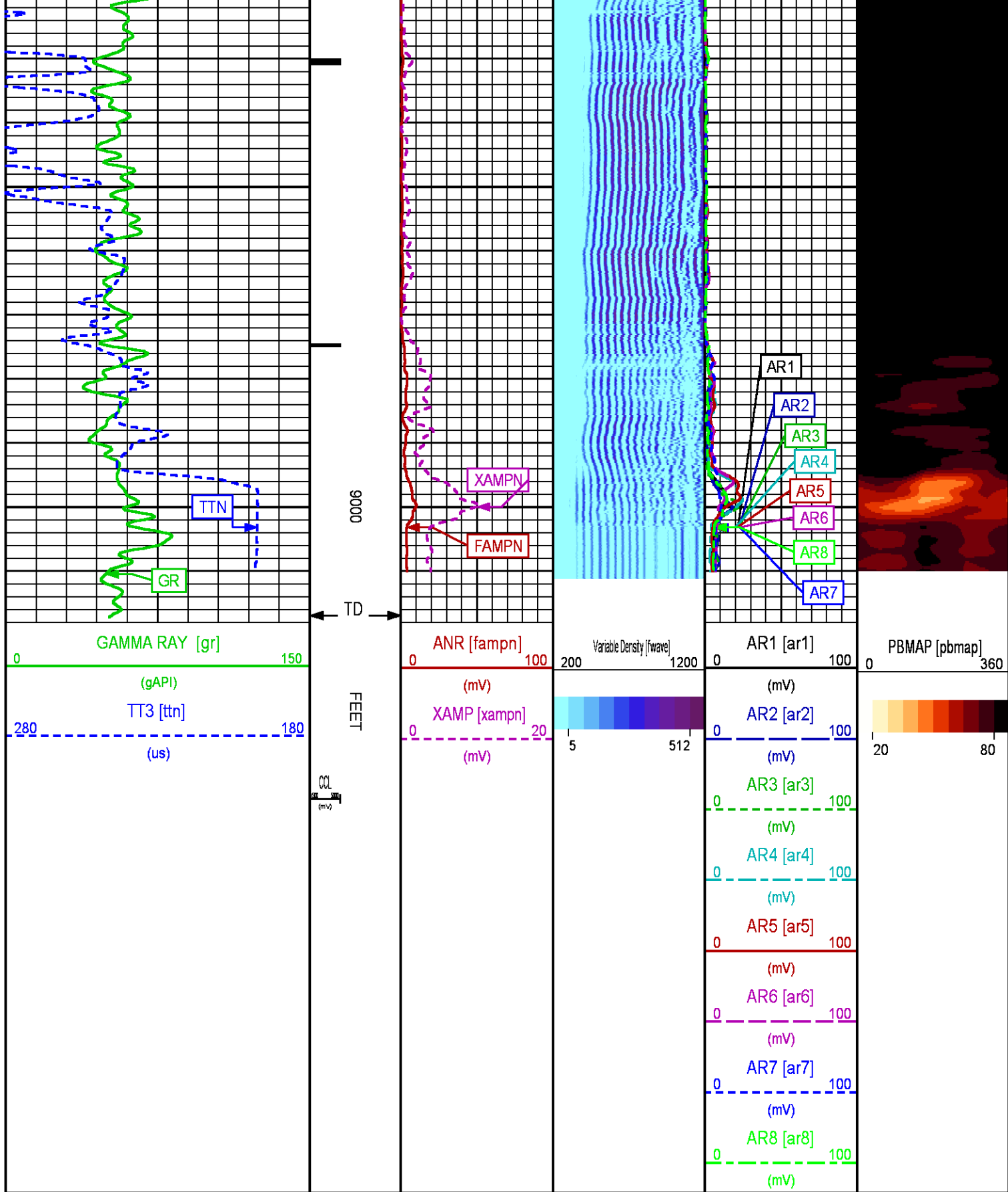












REPEAT LOG 0 PSI

Plotted: Wed Jul 2 20:06:03 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE:	/dat1a/CH087281/n012e01.prm			
LOGGING MODE:	DEPTH	DIRECTION:	UP	
TOP DEPTH:	8597.000 ft	BOTTOM DEPTH:	9019.000 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*)	205	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*)	-63	us	" "
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	" "
	NOISE WINDOW LENGTH	25	us	" "

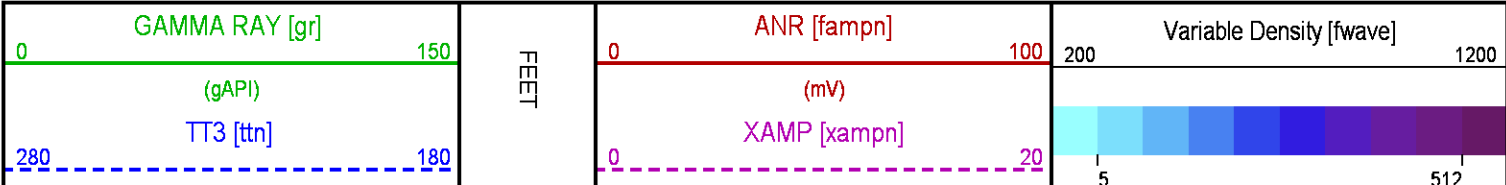
CURVE DESCRIPTION REPORT

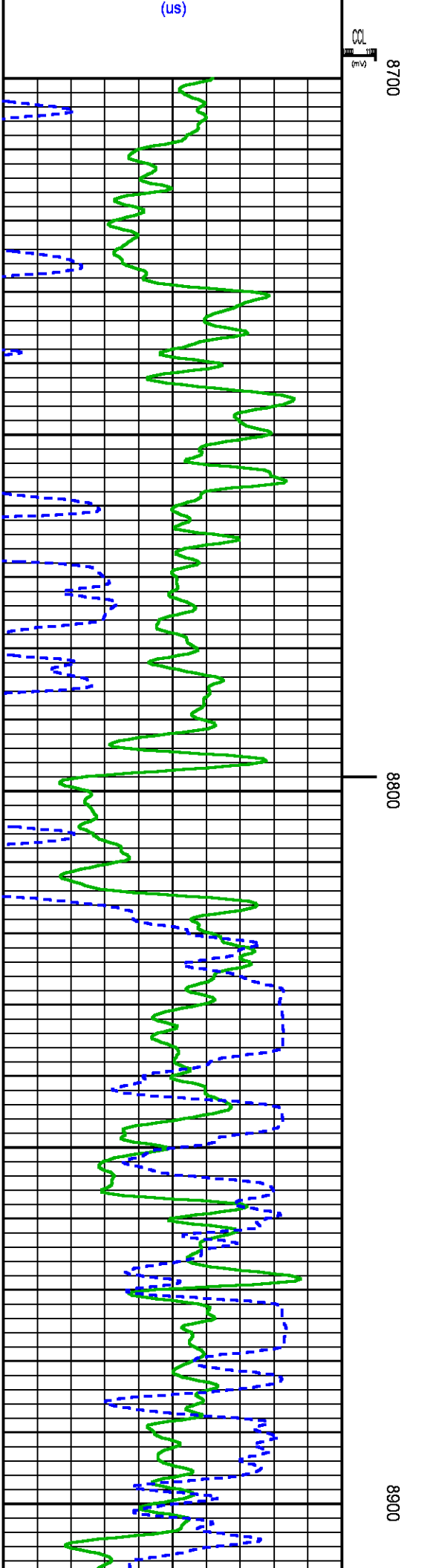
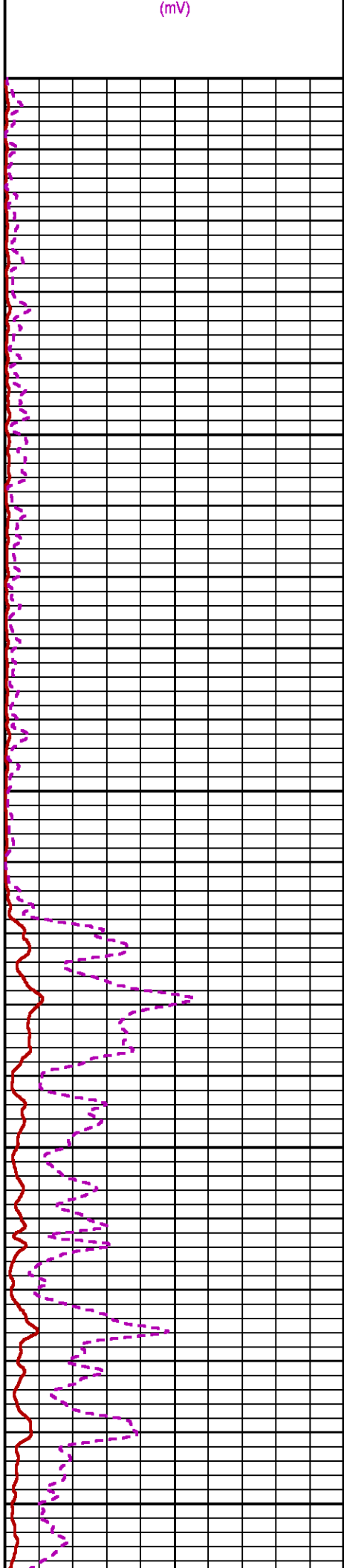
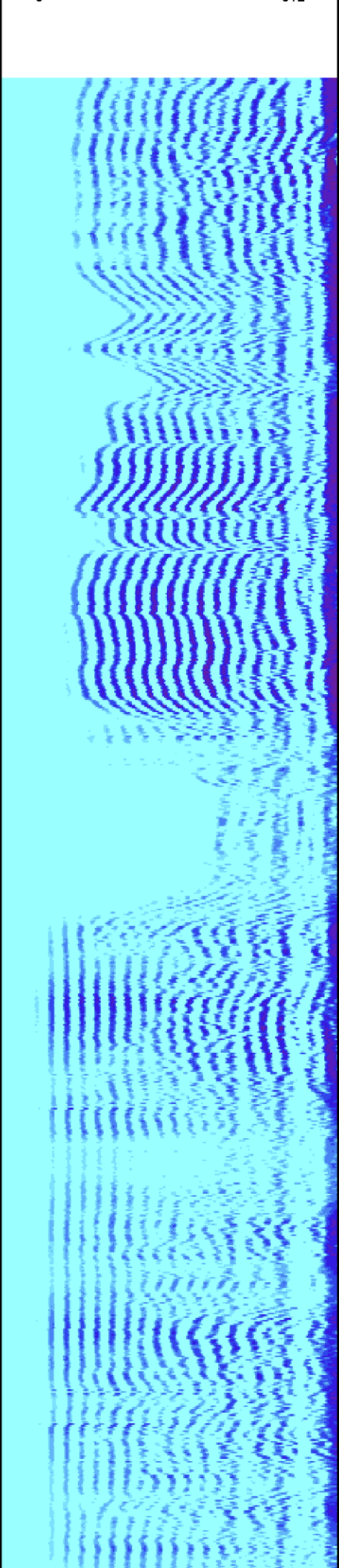
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jun 28 08:33:01 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jun 28 08:33:01 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 28 08:33:01 2014	FAR WAVE FORM
F1:GR	Jun 28 08:33:01 2014	GAMMA RAY
F1:TTN	Jun 28 08:33:01 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jun 28 08:33:01 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

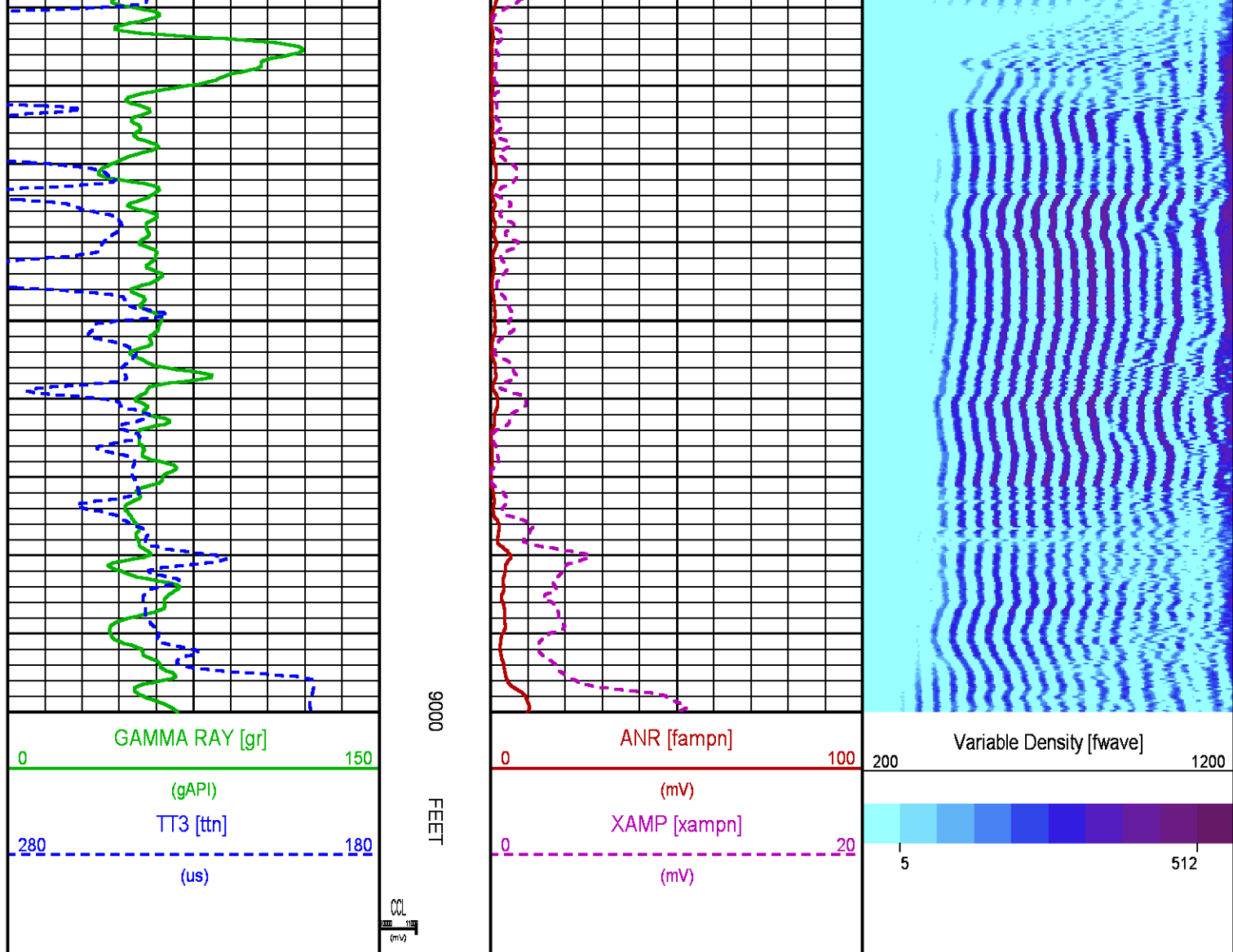
CURVE MEASURE POINT OFFSET

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:WPX_CBL_REPEAT_PRESENTATION.fvpdf [5"/100' Scale]
Plot Interval	: 8700 - 9000 Feet
Data File 1	: F1 : HL6670:/dat1a/CH087281/n012e01.xtf
Created On	: Jun 28 08:33:01 2014
Company	: WPX ENERGY
Well	: SAVAGE RWF 43-25
Field	: RULISON
File Interval	: 8588.75 - 9024.5 Feet
OCT	: n012e







CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH087281/CBL.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10218495

DATE/TIME PERFORMED: Fri Jun 27 07:47:37 2014

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)	3.77	3.10	4.03	4.08	4.06	3.80	3.86	2.94	2.67	-3.40	-0.00
AMP FLUID (mV)	335	327	326	327	326	329	328	331	332	468	327
TT (us)	216	217	216	215	215	215	215	216	218	289	217
M FACTOR	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.30	0.32	0.31

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10218495 DATE/TIME PERFORMED: Sat Jun 28 07:46:38 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	0.54	0.47	0.52	0.54	0.53	0.52	0.51	0.47	0.16	1.58	0.00
AMP AIR	-0.18	-0.17	-0.17	-0.02	-0.01	-0.22	-0.15	-0.13	0.21	-1.21	100.50

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
0.31	0.00	0.99

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	101.24	337.51	0.783	79.28	264.28

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)	MULT	BACKGROUND CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	101.87	0.783	79.76	182.74

INSTRUMENT CONFIGURATION

Source File: /dat1a/CH087281/CBL-ldg

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'

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"

FAR RCVR 12.85'

CCL 8.65'

GR 6.79'

NEU 1.40'

0.00'



COMPANY	WPX ENERGY INC		FILE NO:	
WELL	SAVAGE RWF 43-25		CH087281	
FIELD	RULISON		API NO:	
COUNTY	GARFIELD	STATE	CO	05045219920000
LOCATION:		ELEVATIONS:	S25 T6S R94W	
SHL: 1192' FSL 1382' FEL		KB 6260 FT	PAD: RWF 43-25	
BHL: 2483' FSL 627' FEL		DF	NABORS 577	
SEC 25 TWP 6S RGE 94W		GL 6234 FT		
		DATE	28-Jun-2014	