



FILE NO: CH094745	COMPANY WELL FIELD COUNTY	WPX ENERGY YOUBERG RU 431-7 RULISON GARFIELD	STATE CO
API NO: 05045223460000			

Ver. 3.87 7 7S 93W RU 42-7 PAD NABORS 574	LOCATION: SHL: 2452' FNL & 379' FEL BHL: 1052' FNL & 1164' FEL SEC 7 TWP 7S RGE 93W	OTHER SERVICES RPM
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PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	GL KB KB ELEVATION 26 FT 7737 FT ABOVE P.D.	ELEVATIONS: KB 7763 FT DF GL 7737 FT
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DATE	10-Feb-2015
RUN	1
TRIP	1
SERVICE ORDER	US094745
DEPTH DRILLER	10040 FT
DEPTH LOGGER	10002 FT
BOTTOM LOGGED INTERVAL	9992 FT
TOP LOGGED INTERVAL	26 FT
TIME STARTED	8:00
TIME FINISHED	11:30
OPERATOR RIG TIME	3.5 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	88 FT
LOGGED CEMENT TOP	NA
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	65 FMIN
MAX. RECORDED TEMP.	249 DEGF
REFERENCE LOG	NA
REFERENCE LOG DATE	NA
EQUIP. NO.	HL-6670
LOCATION	GRAND JCT.
RECORDED BY	NEWELL
WITNESSED BY	TED VONFELDT

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	1118 FT
8.75 IN	1118 FT	10058 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			0 FT	1118 FT
4.5 IN	11.6 LB/F	P-110	0 FT	10058 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 7 feet.

Logged with zero PSI at wellhead.

BHT = 249 degF
SJ = 6627' - 6649'

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CCL	1122X1	1215 1057	1118 FT

1	1	CBL	1426XA	10154957	CENTRALIZED
1	1	GR/CCL	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: Tue Feb 10 13:08:29 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH094745/n012e02.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 40.750 ft BOTTOM DEPTH: 10018.475 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*)	186	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
	TT WINDOW START (ttn*)	177	us	"	"
TRAVEL TIME WINDOW (NEAR)	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*)	-71	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	Feb 10 09:07:32 2015	CASING COLLAR LOCATOR
F1:FAMPN	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Feb 10 09:07:32 2015	FAR WAVE FORM
F1:GR	Feb 10 09:07:32 2015	GAMMA RAY
F1:TTN	Feb 10 09:07:32 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

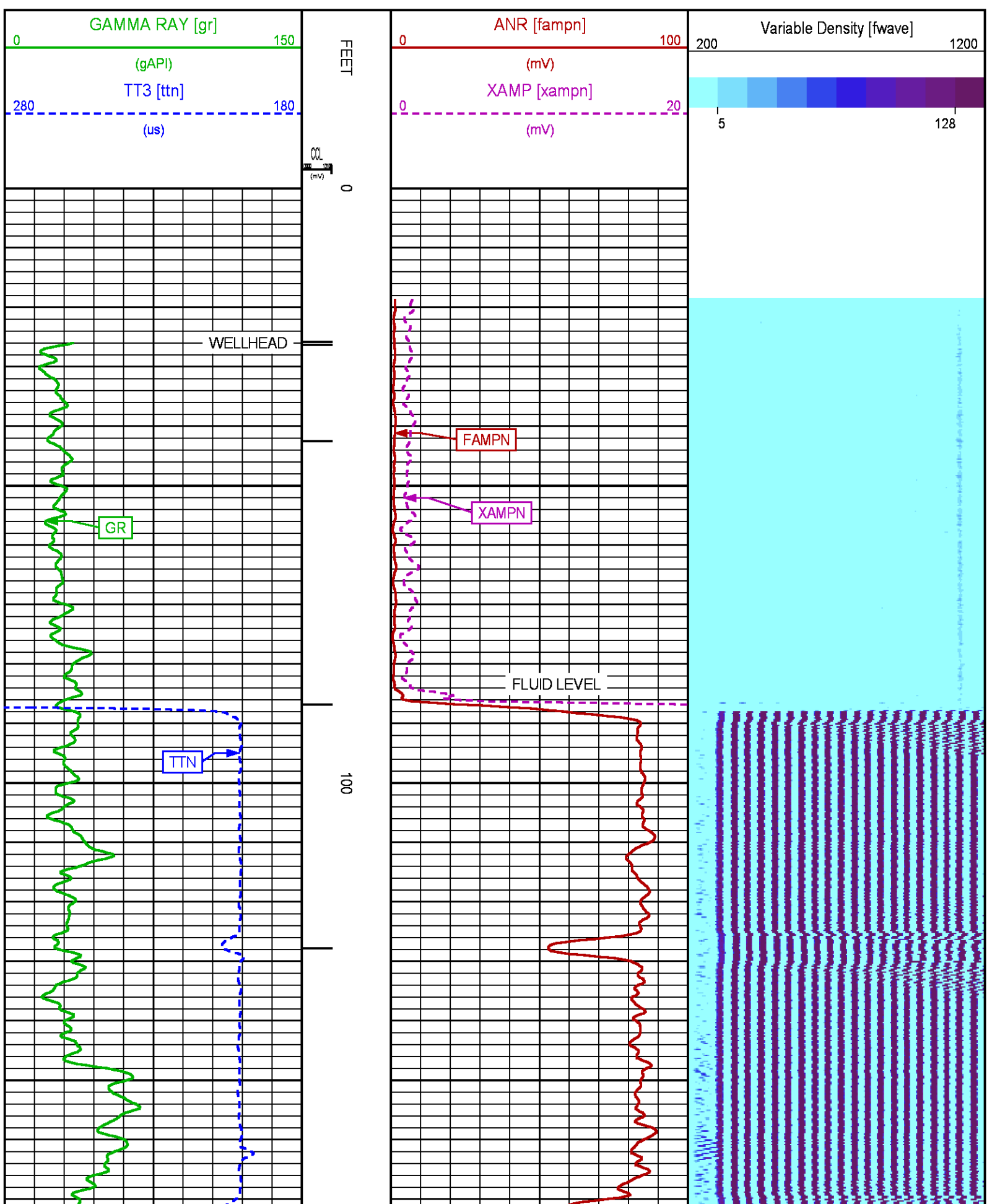
CURVE MEASURE POINT OFFSET

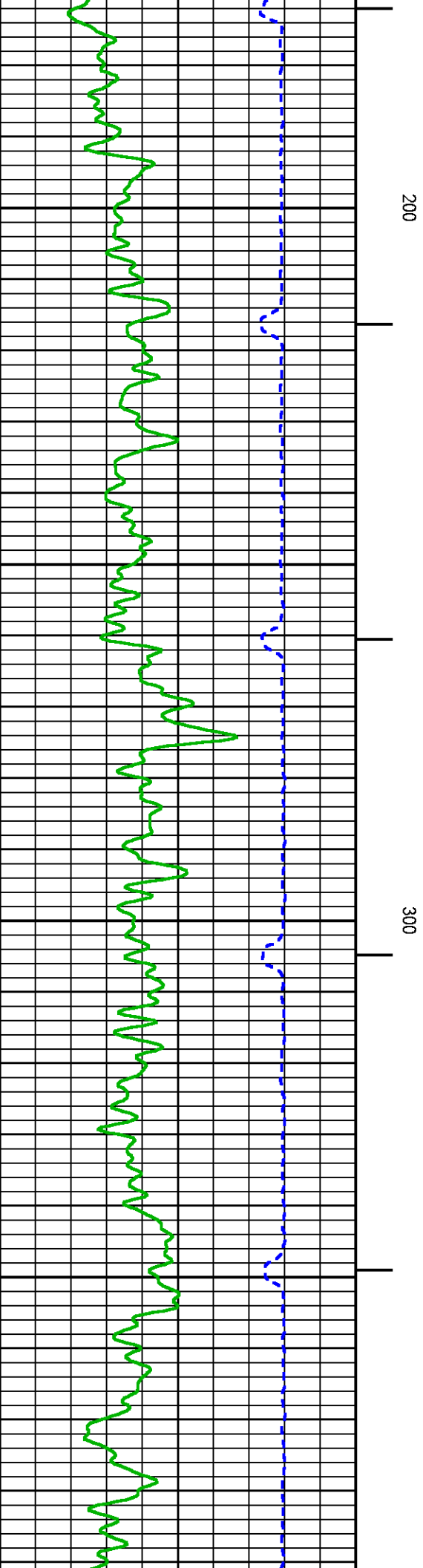
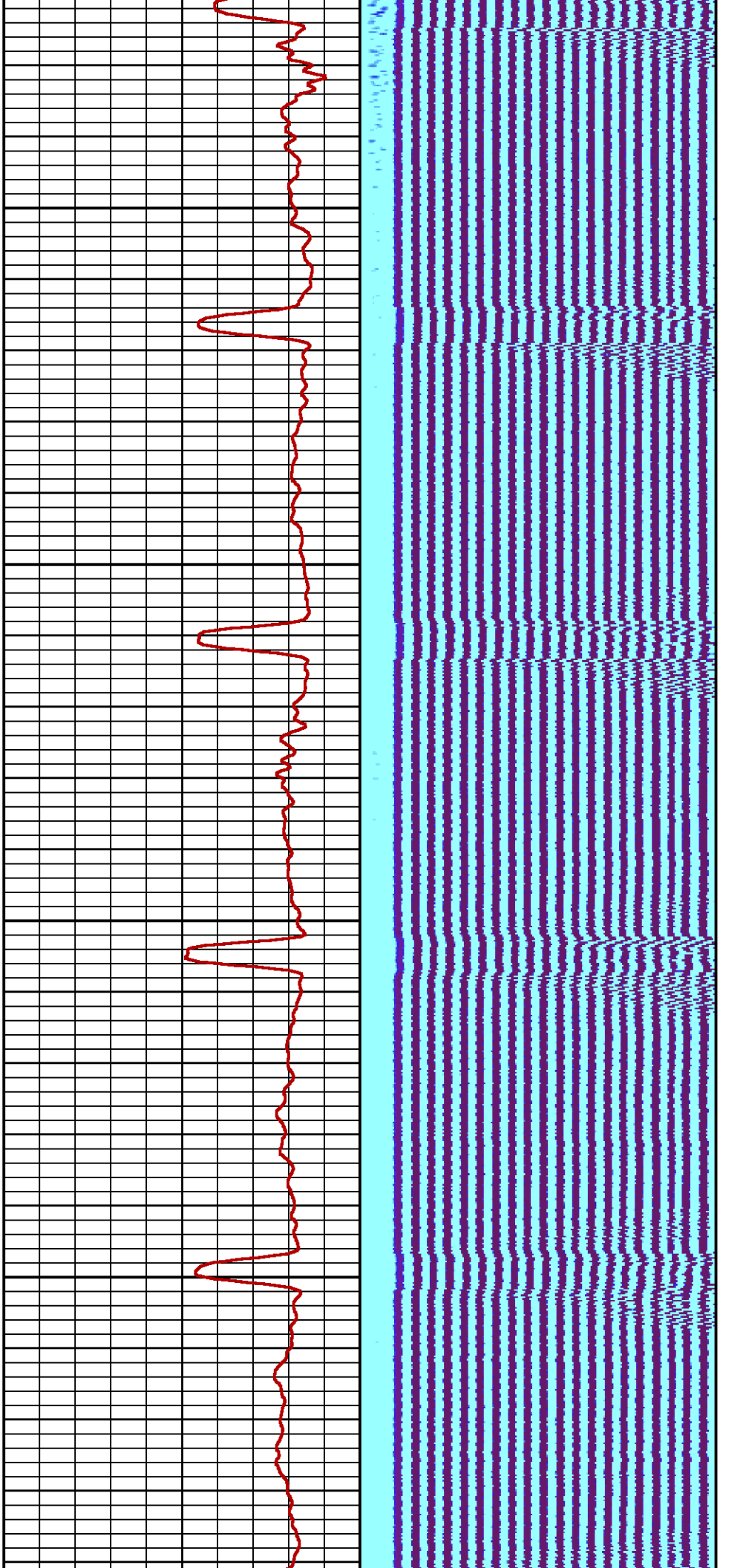
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

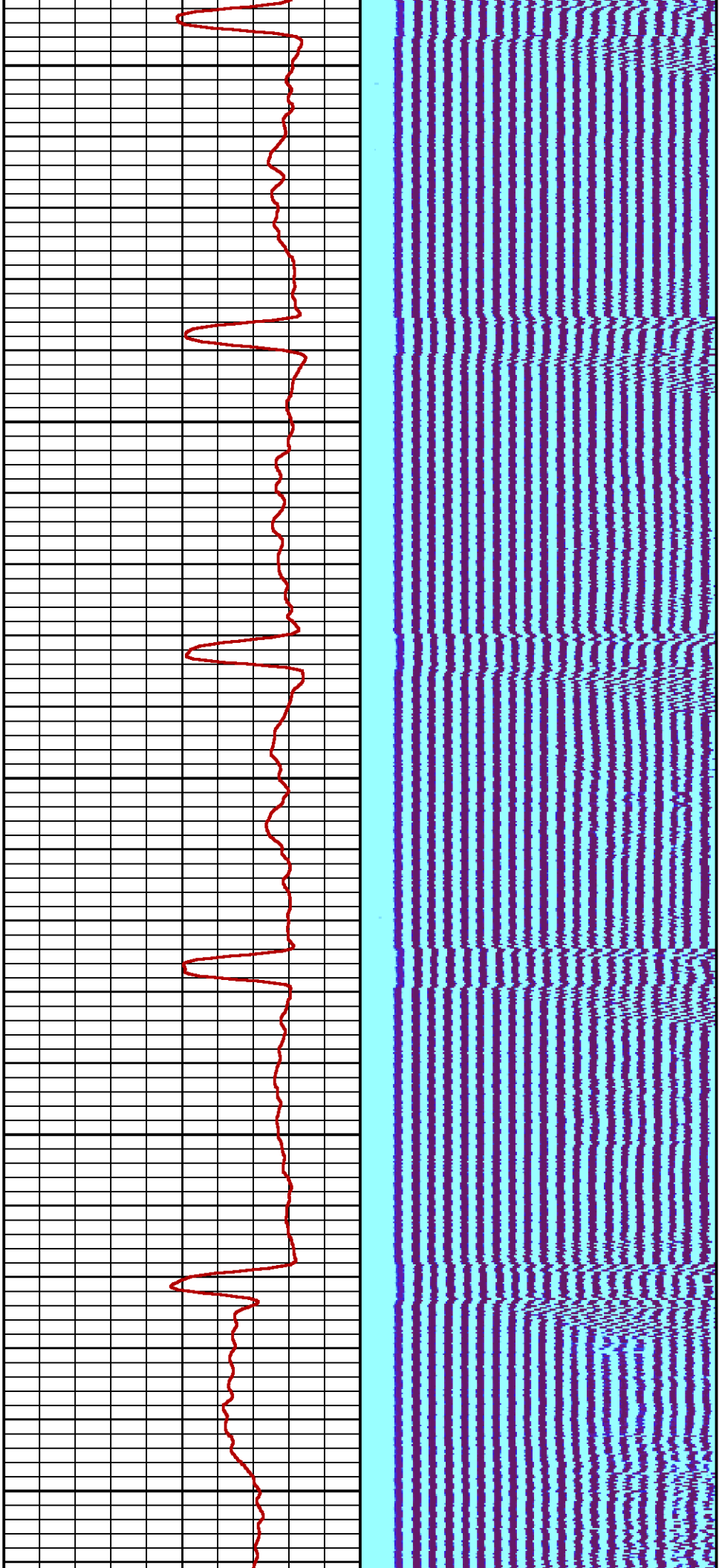
Presentation : HL6670:/dat1a/CH094745/431CBL_PRIMARY.fvpdf [5"/100' Scale]
 Plot Interval : 0 - 10007 Feet

Data File 1 : F1 : HL6670:/dat1a/CH094745/431CBL_MAIN.xtf
 Created On : Feb 10 09:07:32 2015

Created On : Feb 10 09:07:32 2013
Company : WPX ENERGY
Well : YUBERG RU 431-7
Field : RULISON
File Interval : 17.5 - 10008.8 Feet
OCT : n012e



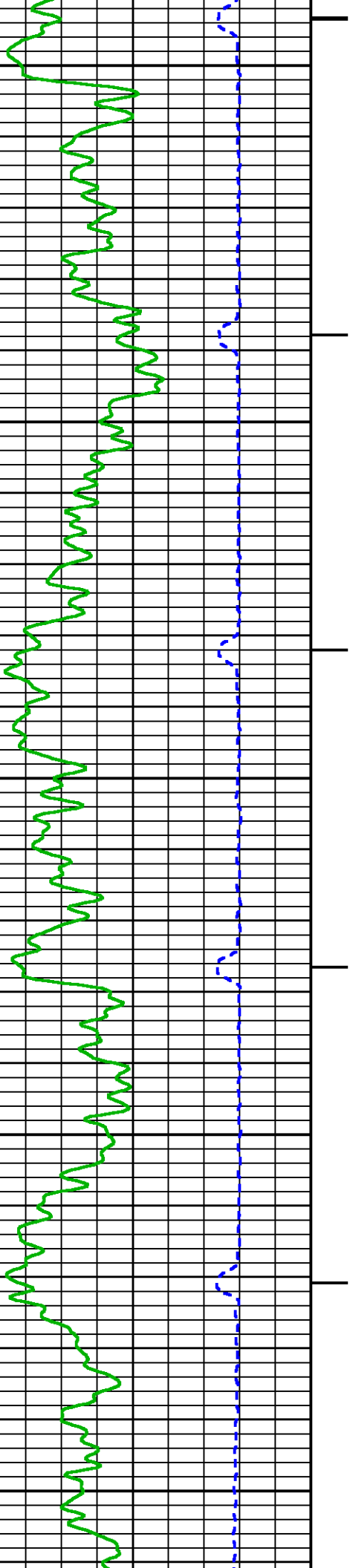


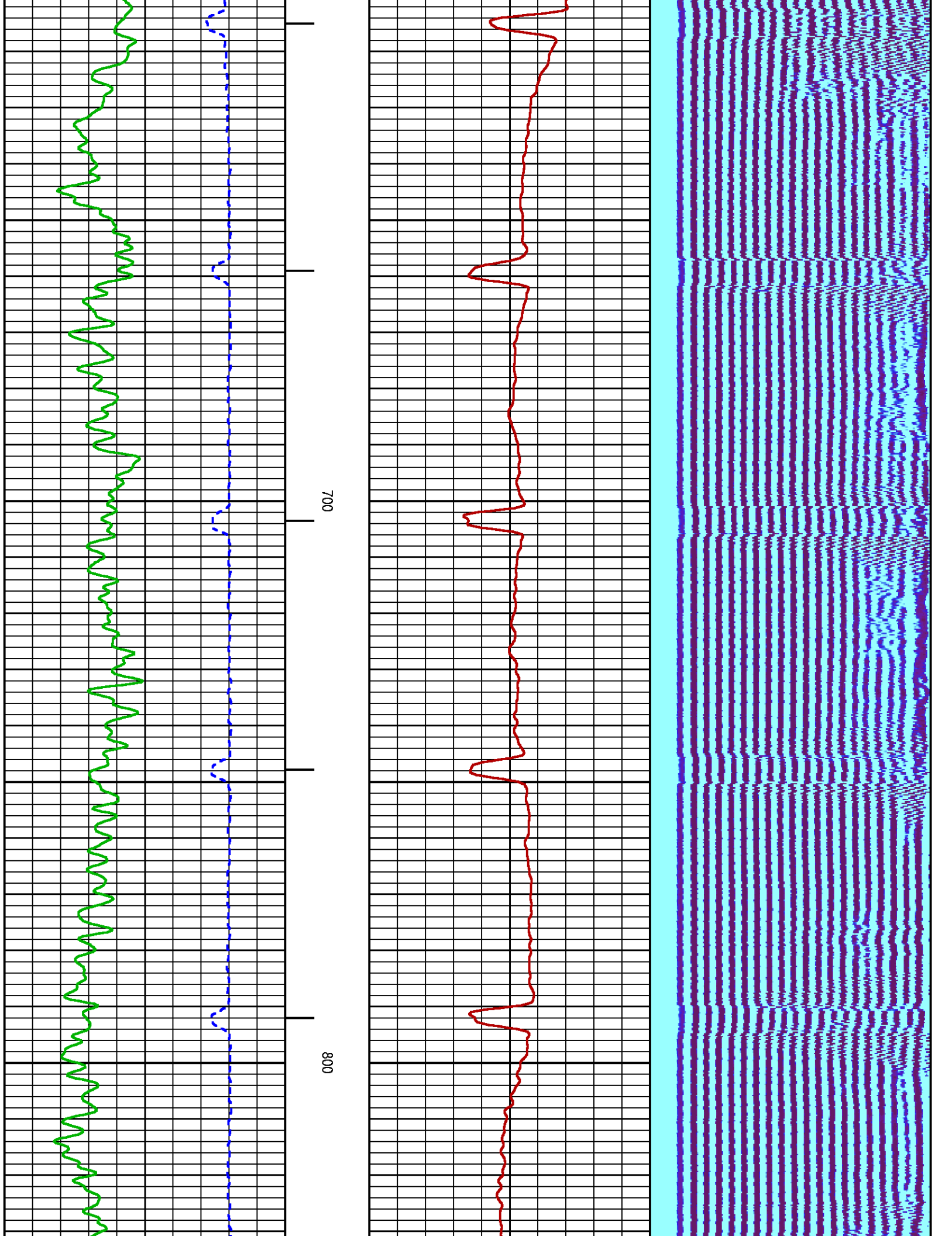


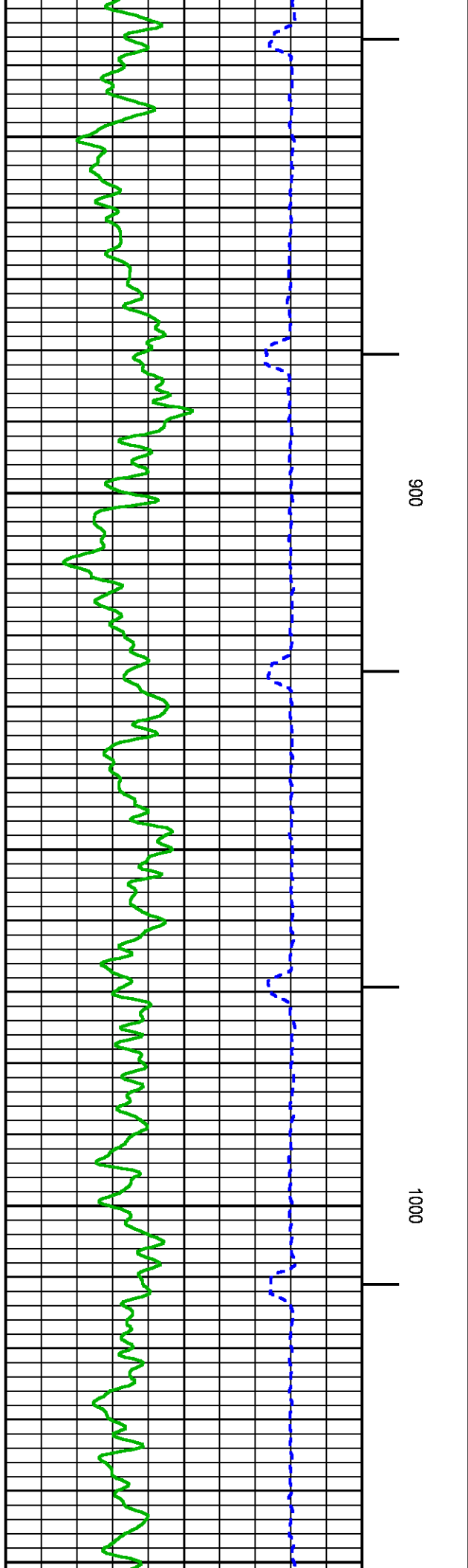
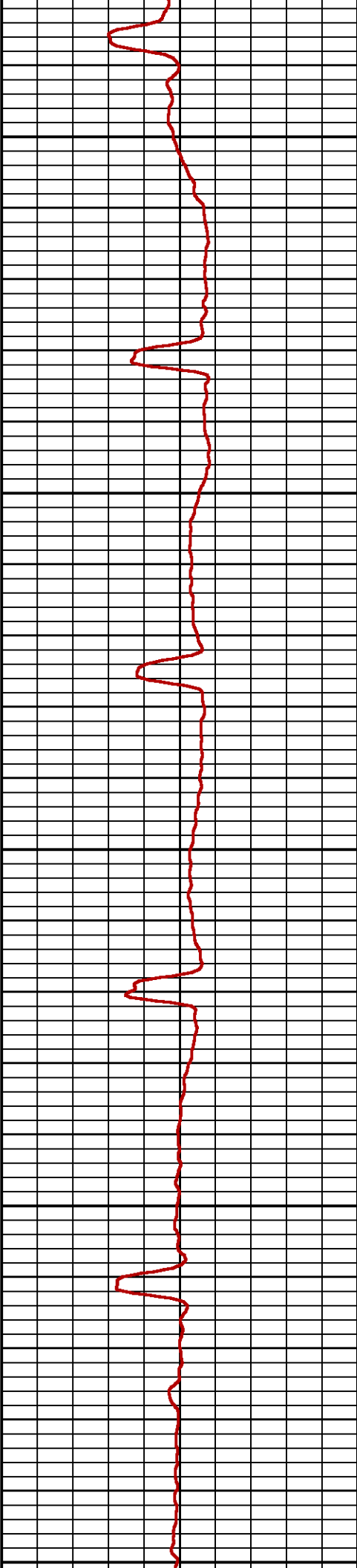
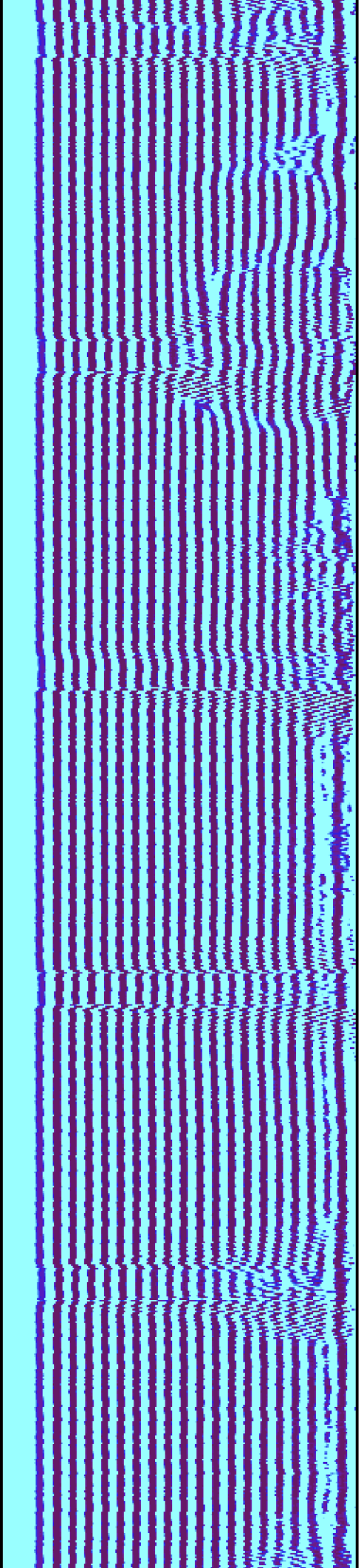
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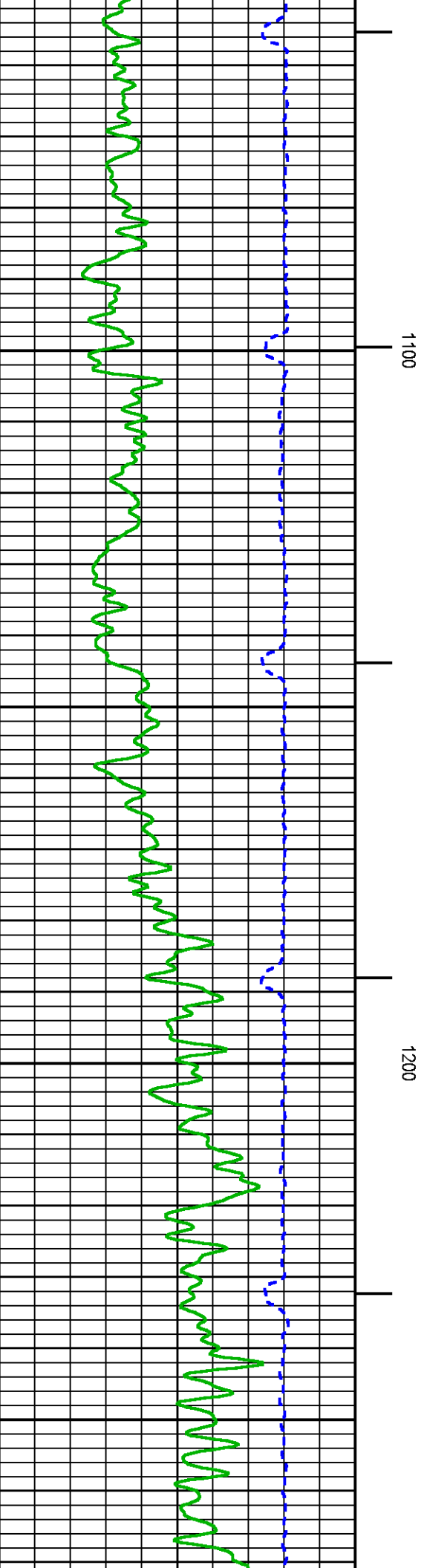
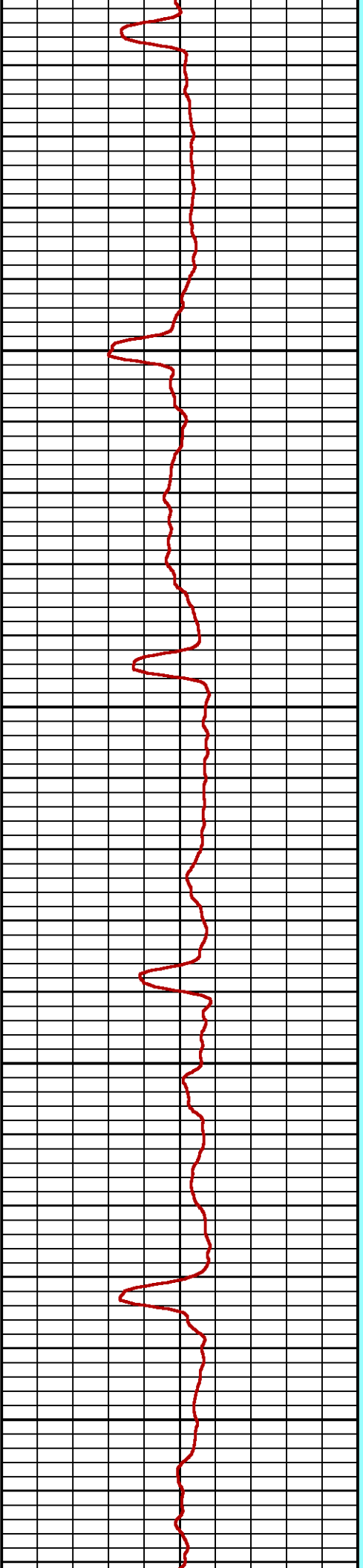
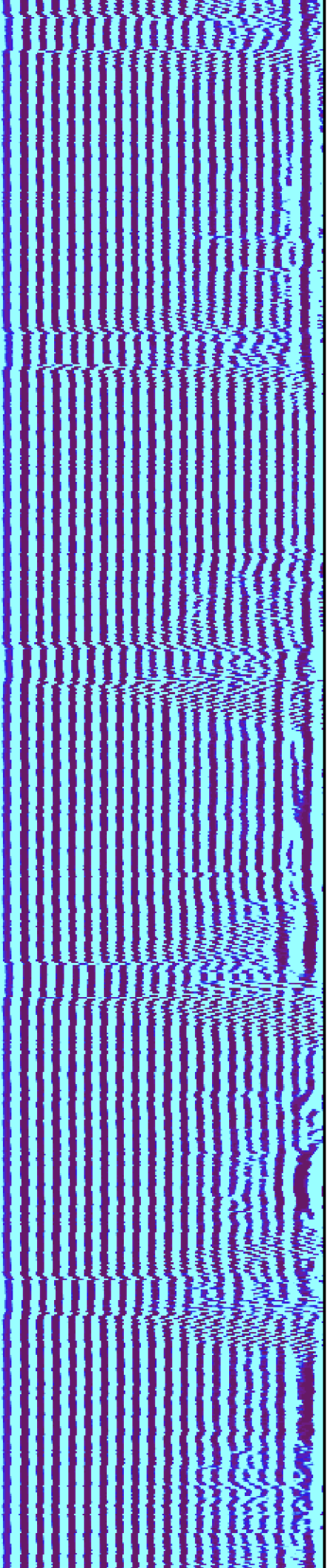
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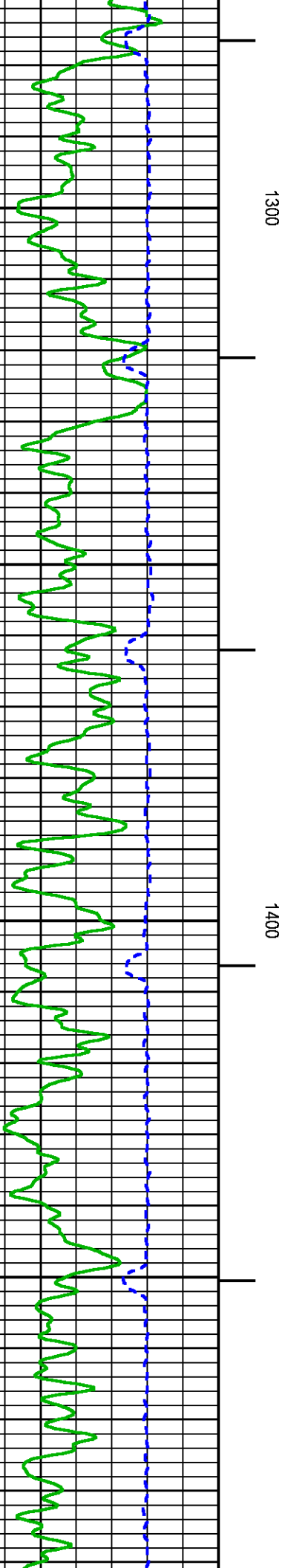
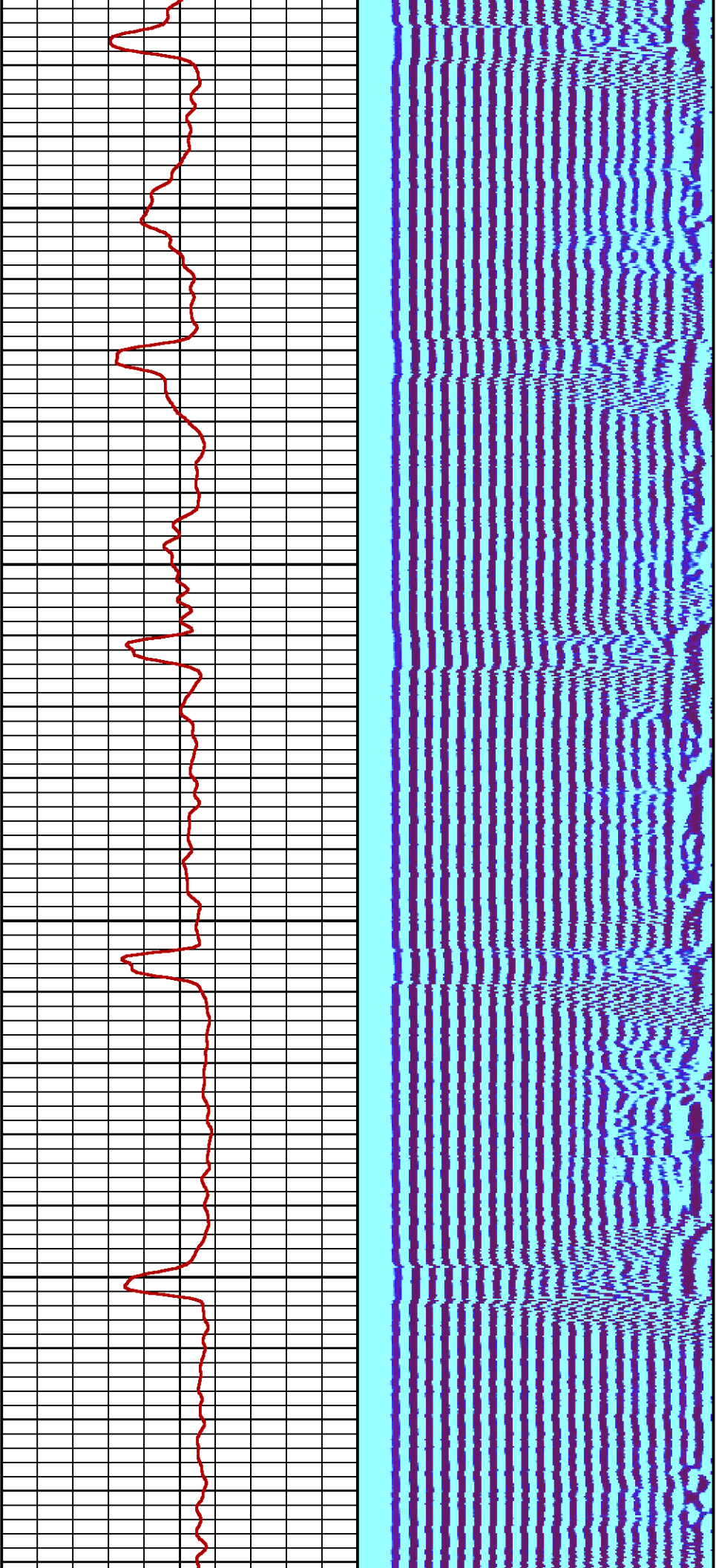
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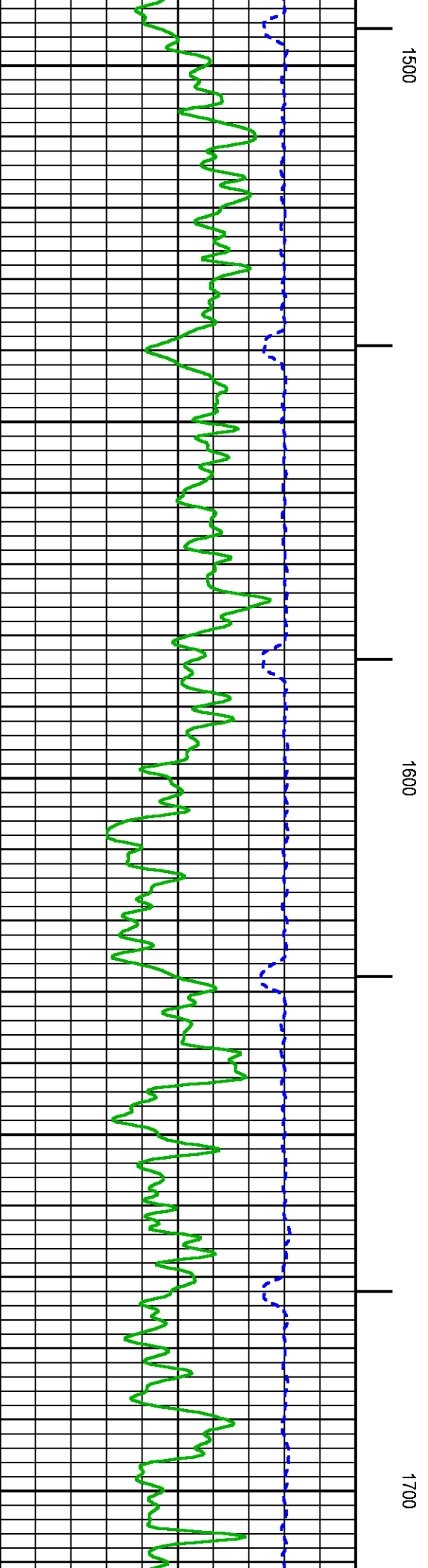
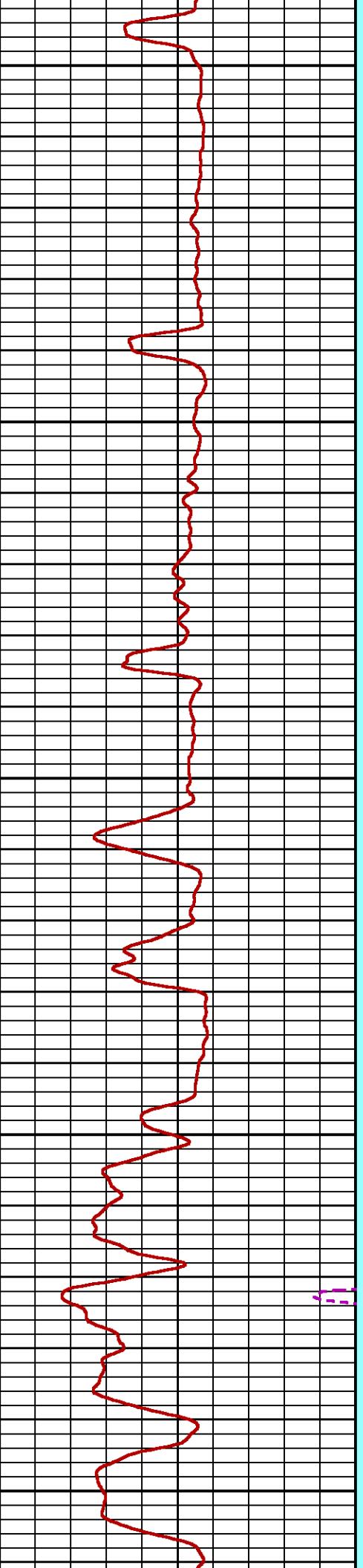
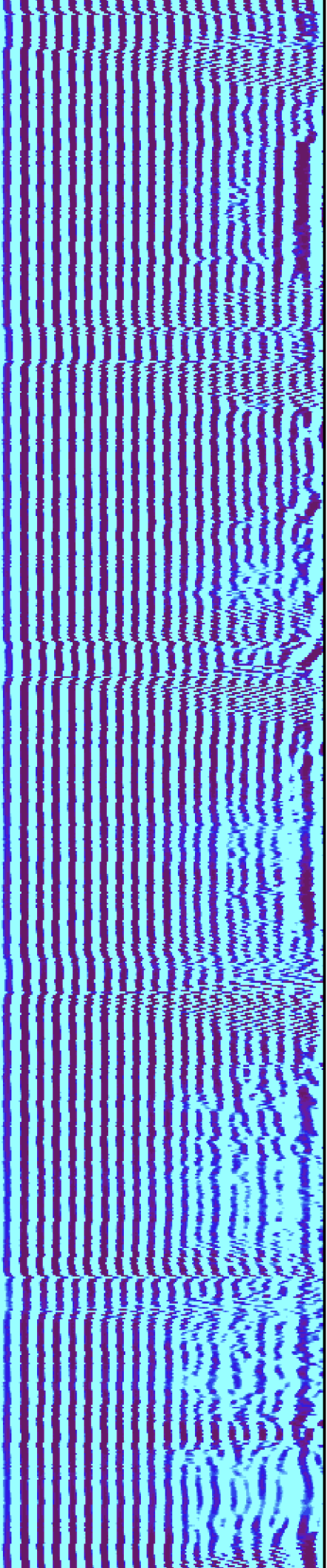


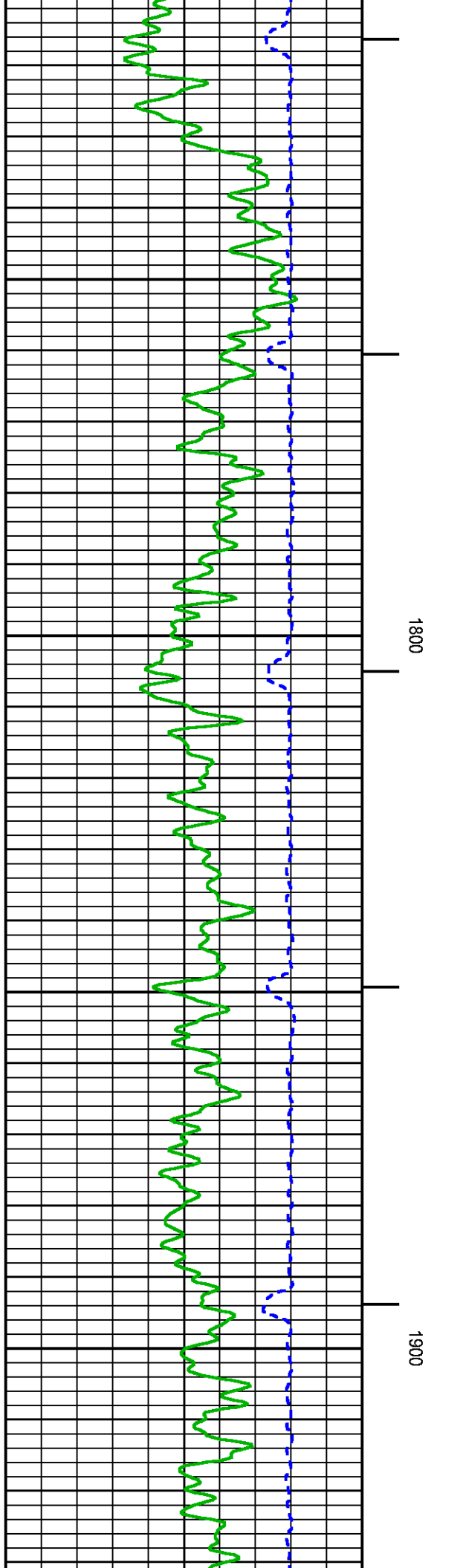
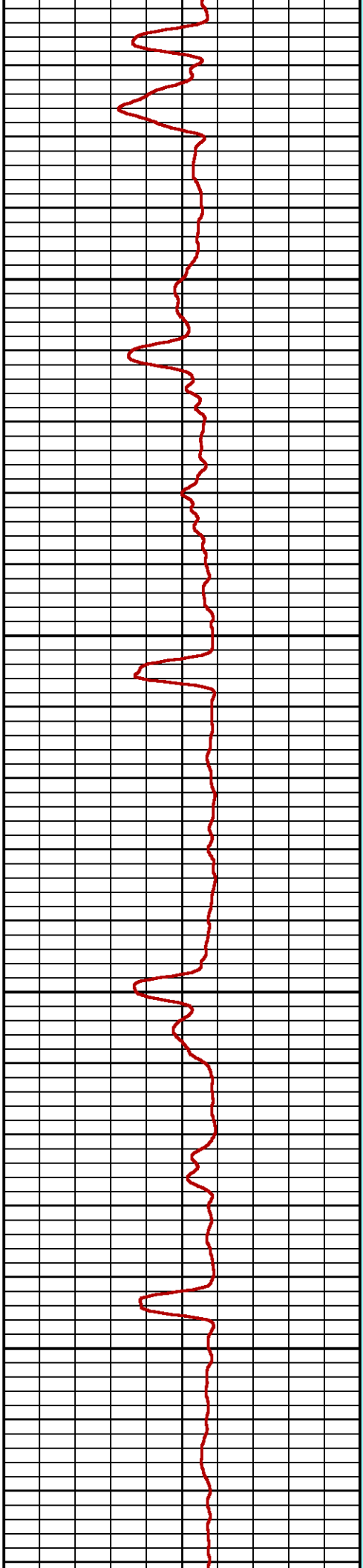
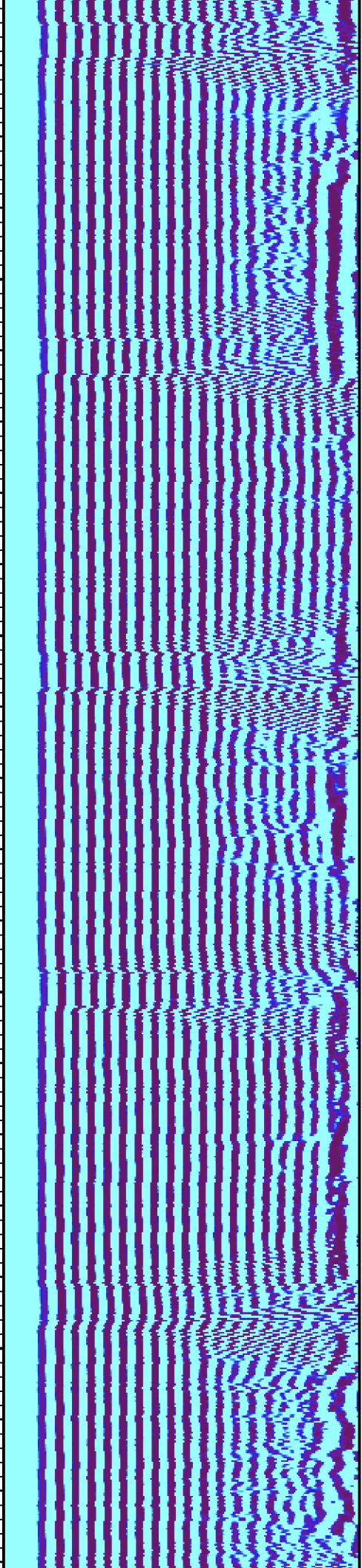


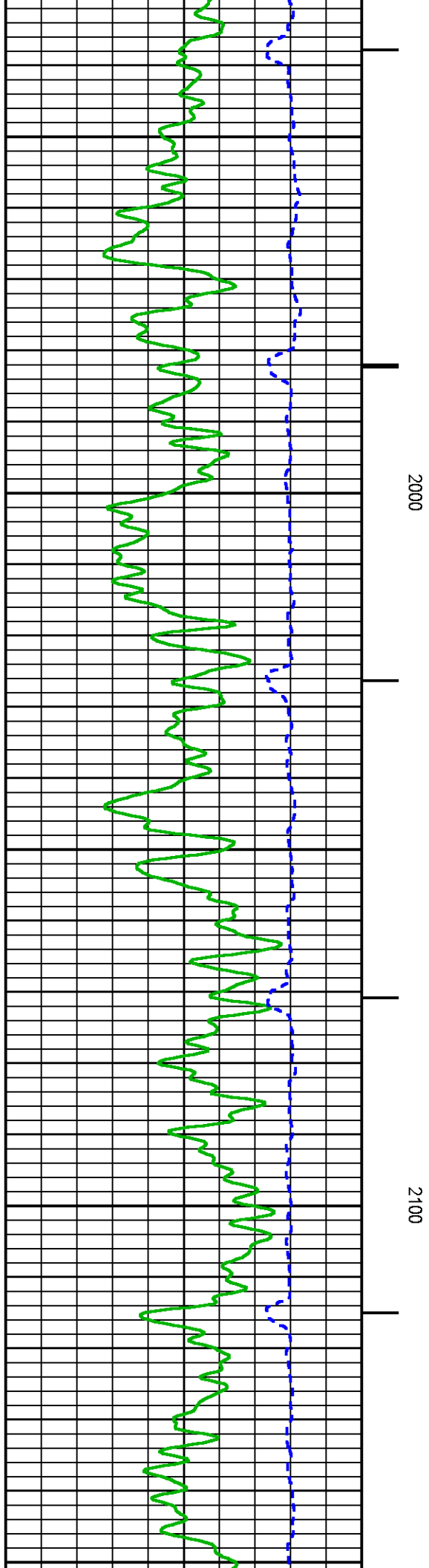
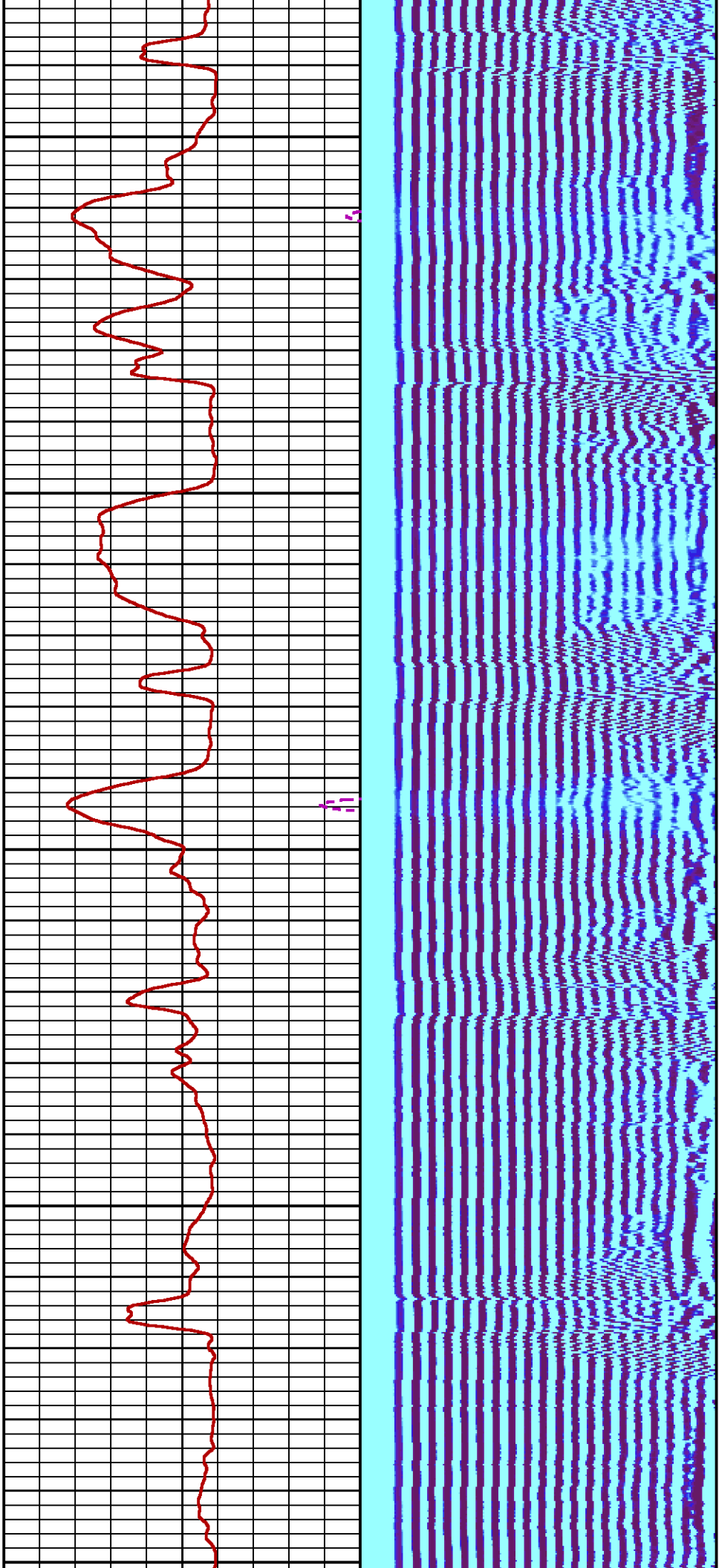


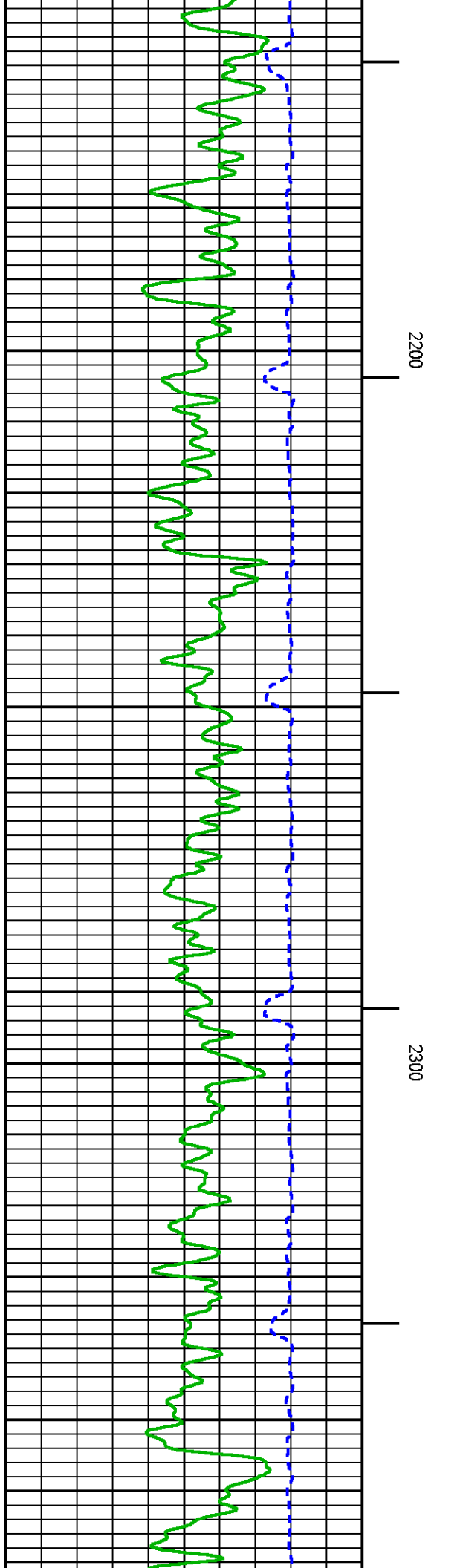
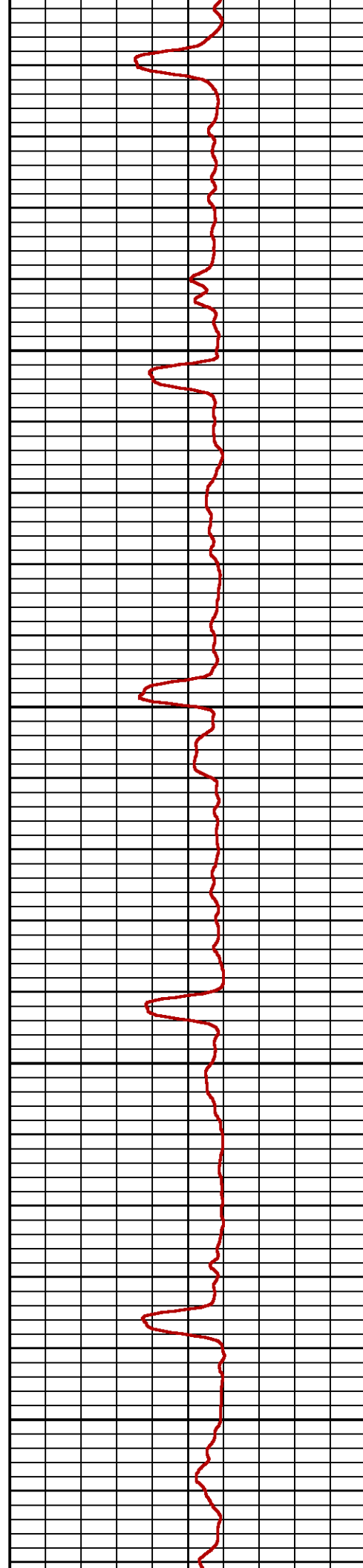
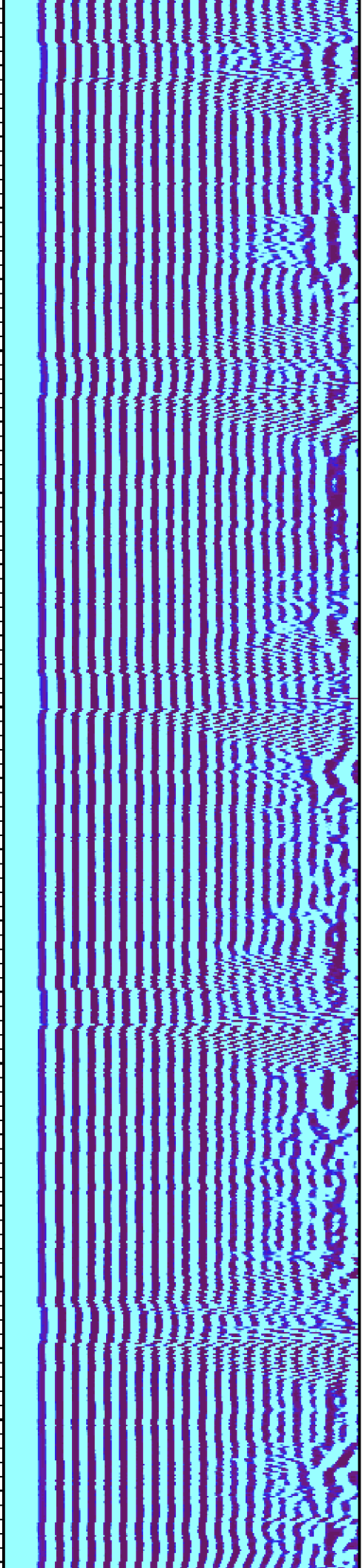
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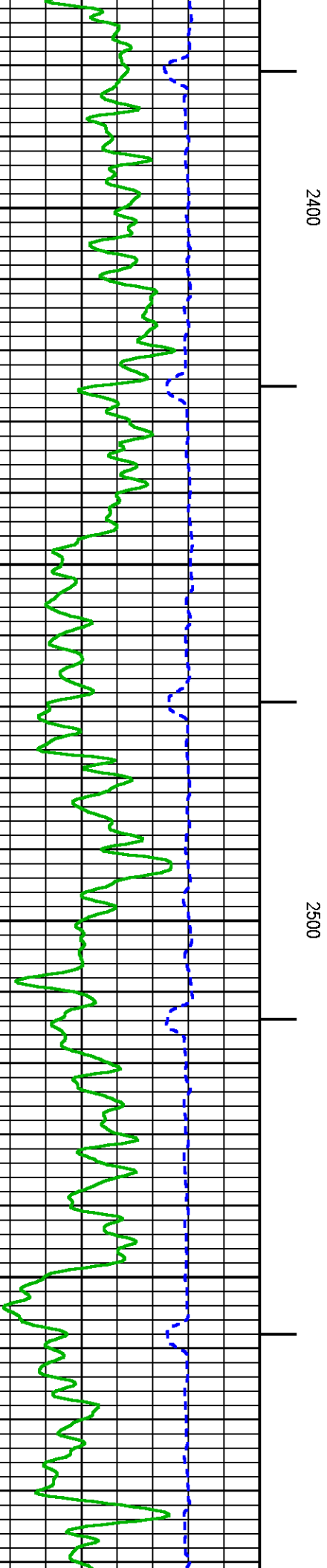
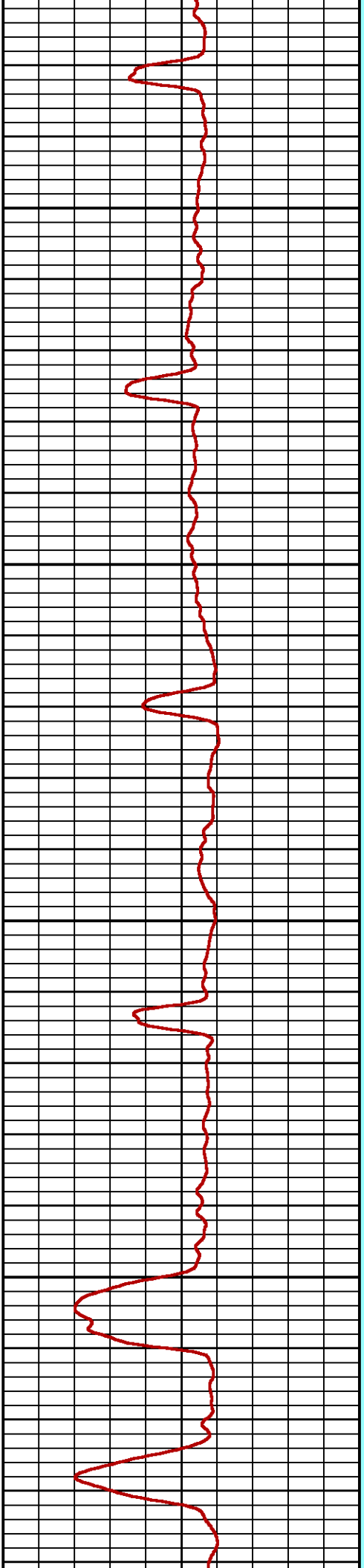
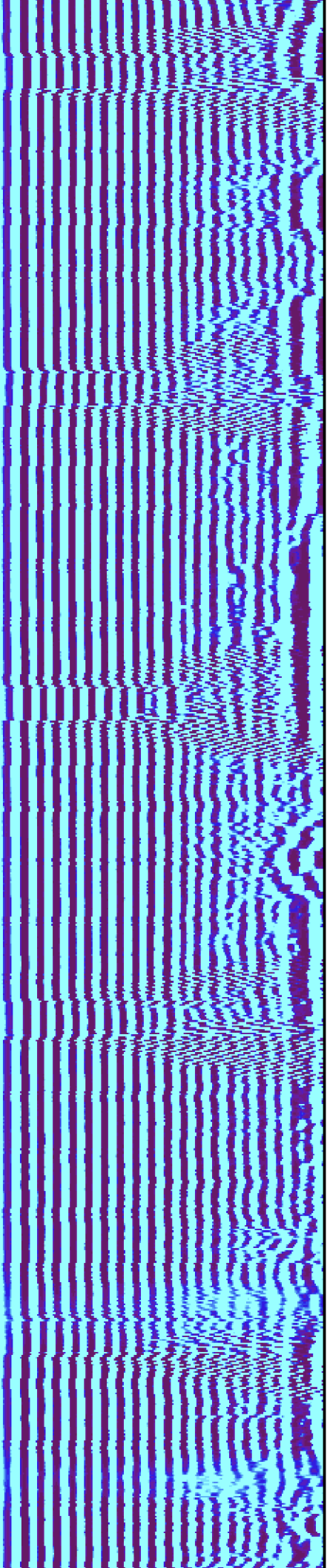
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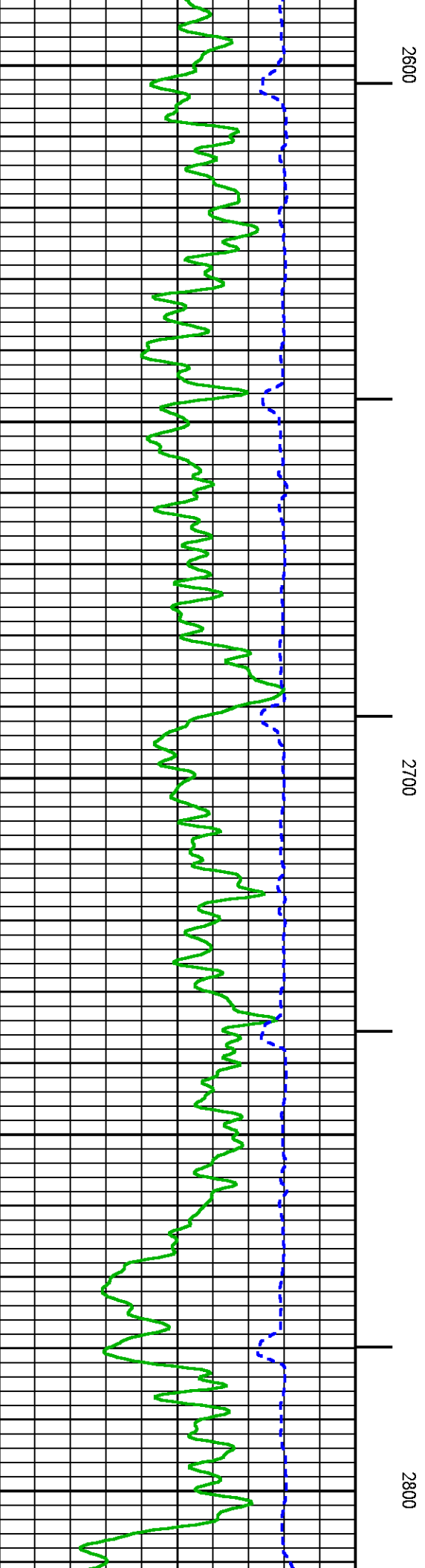
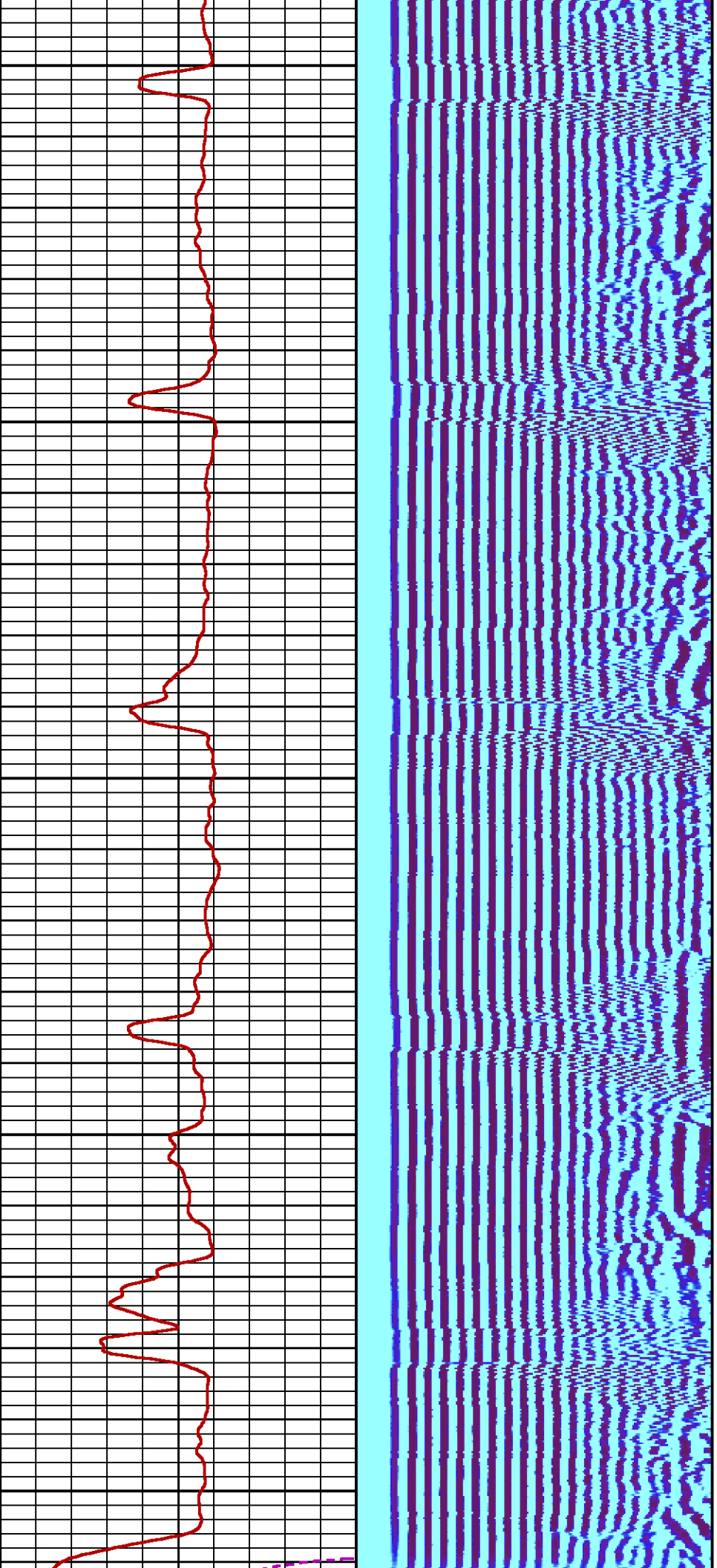


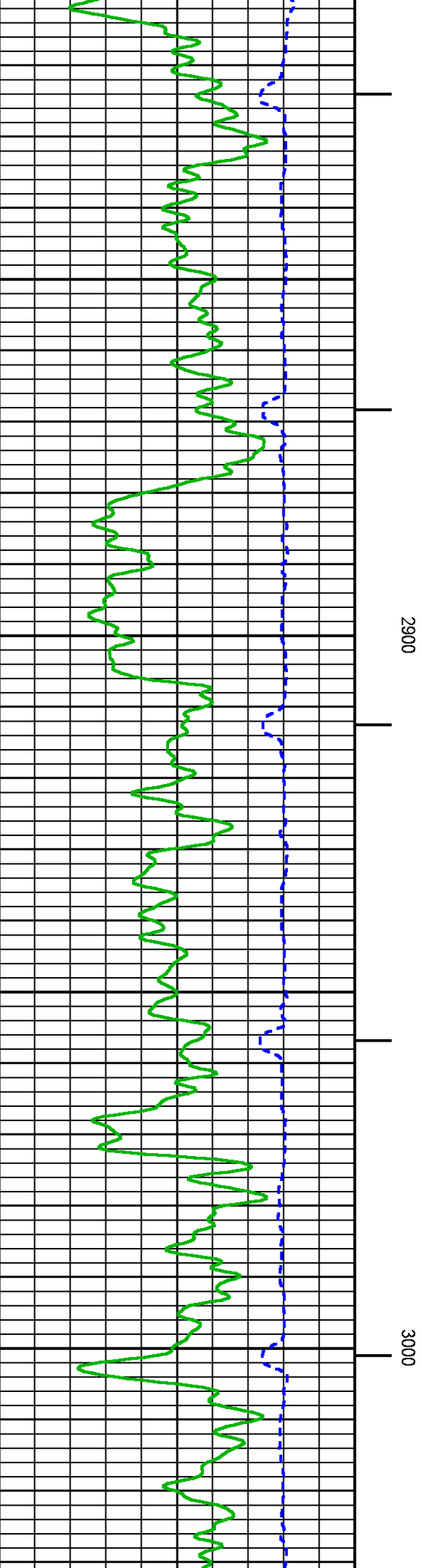
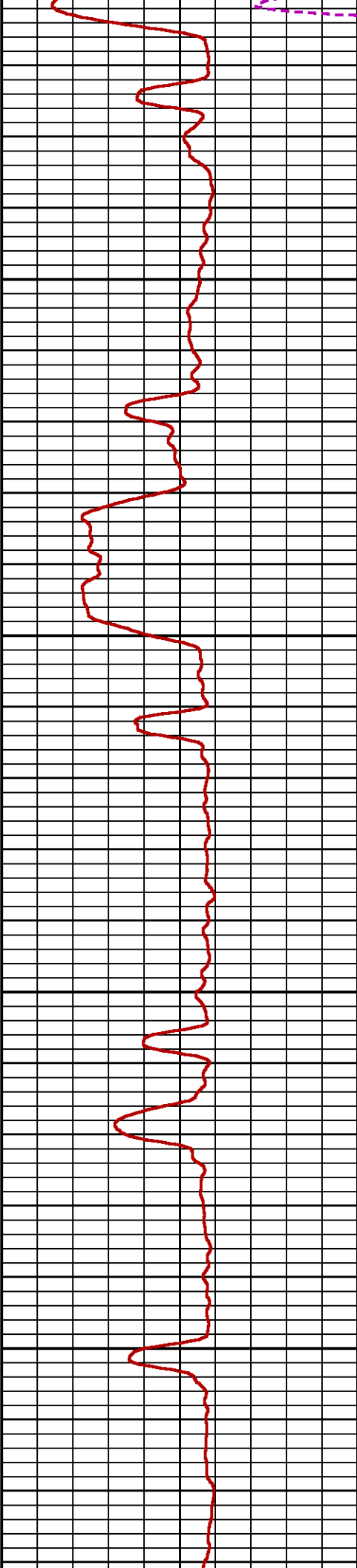
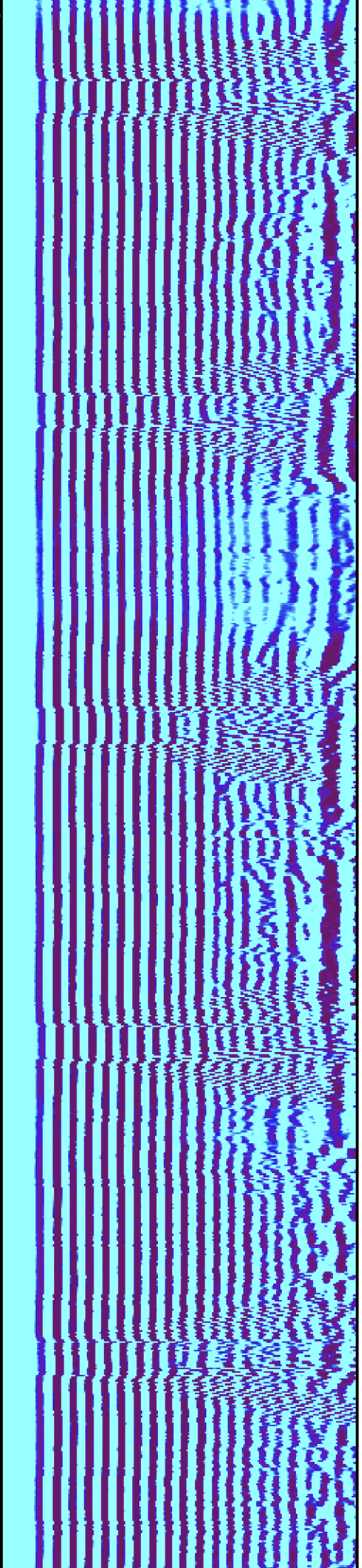


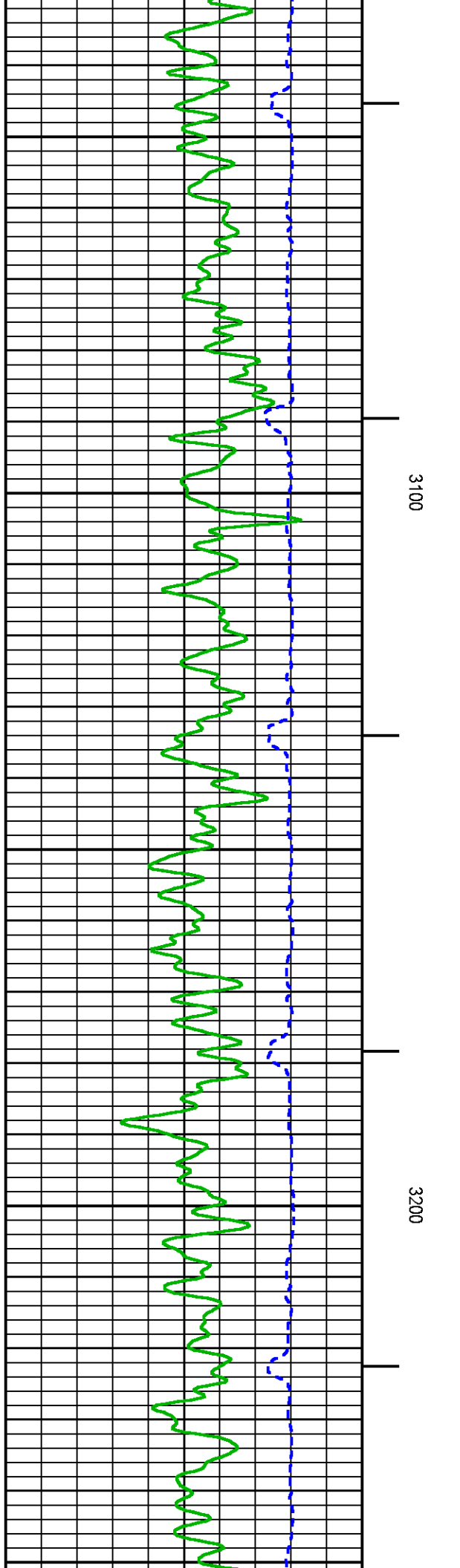
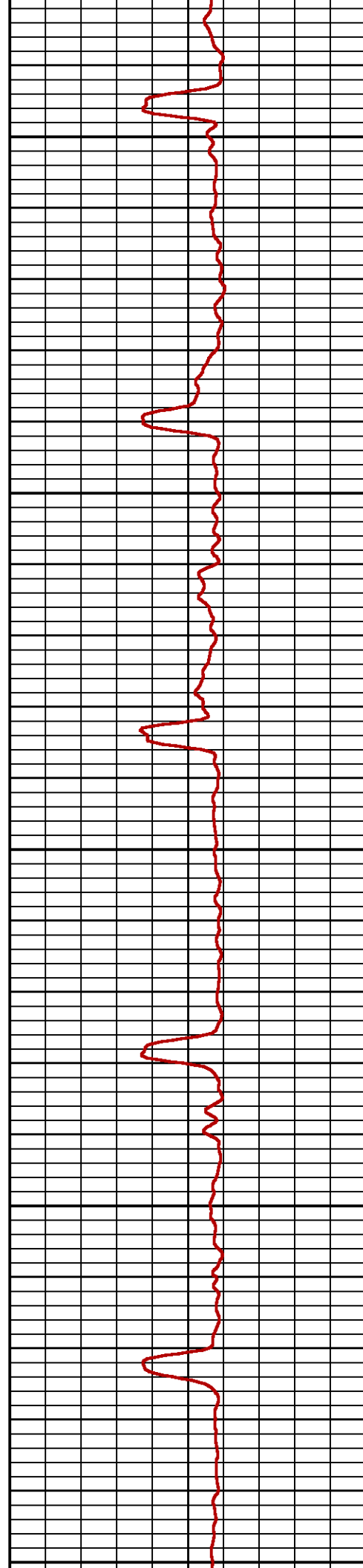
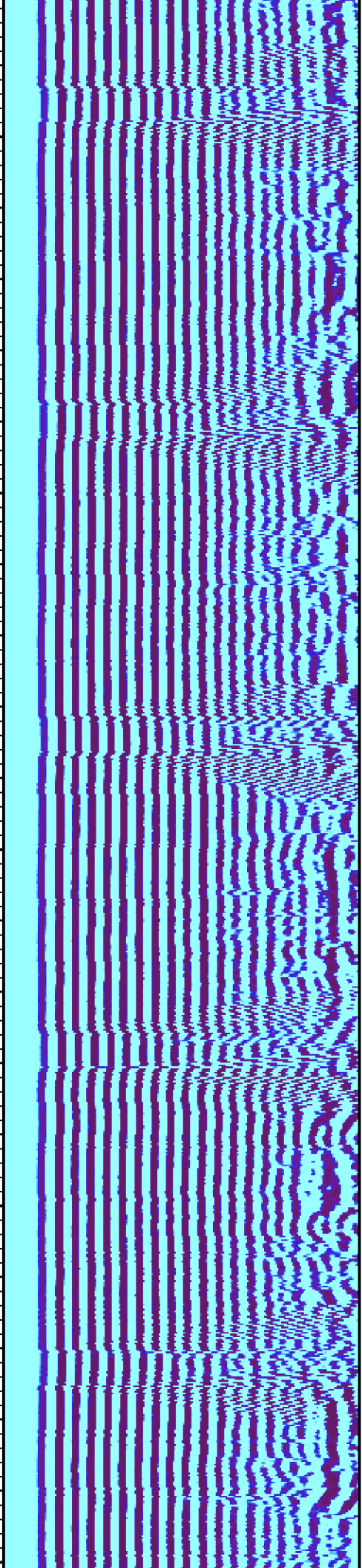


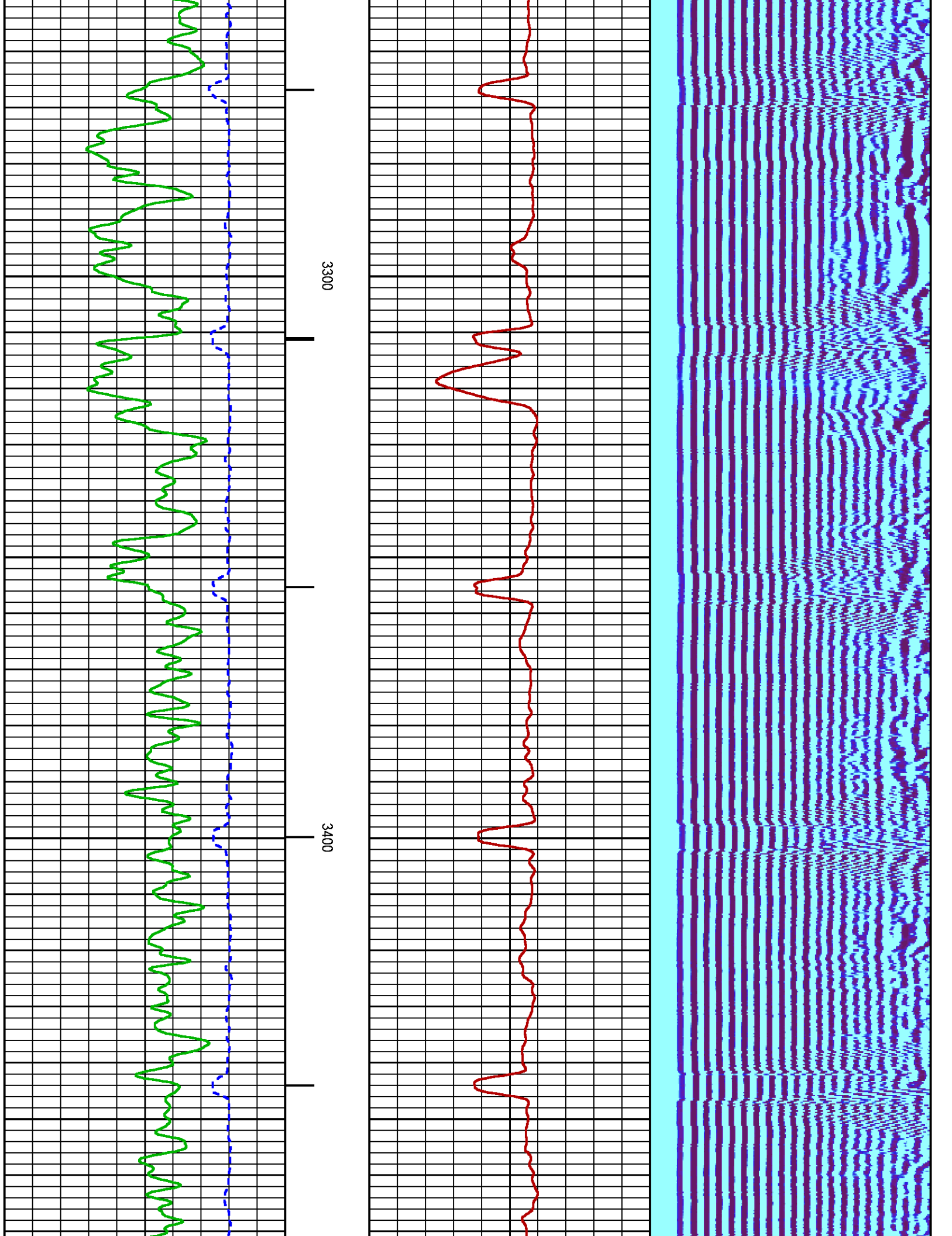


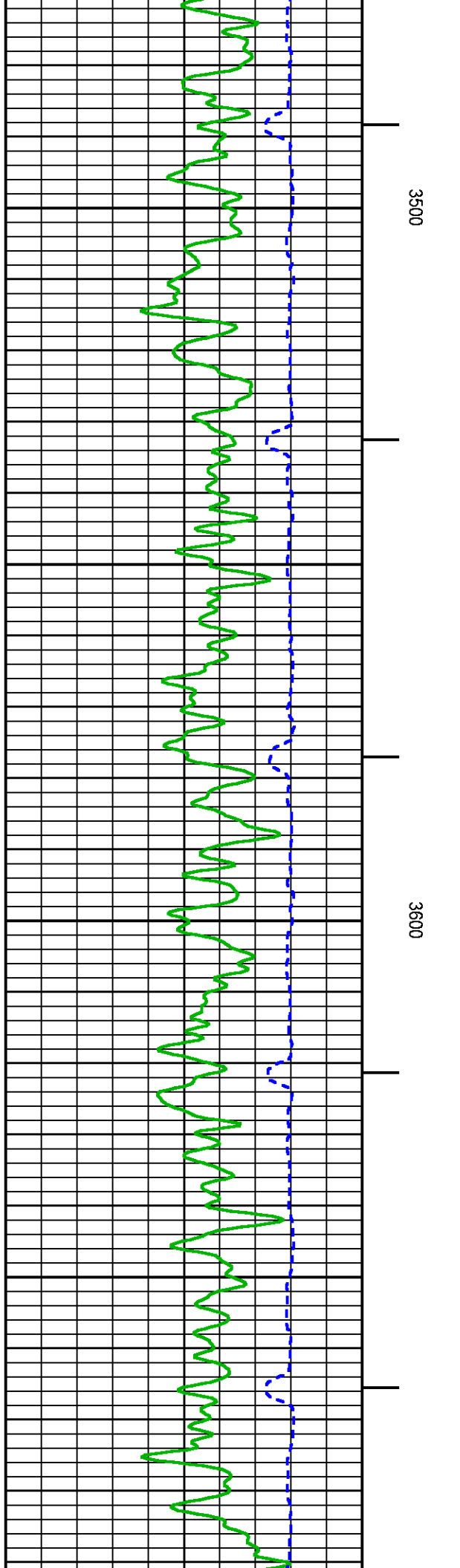
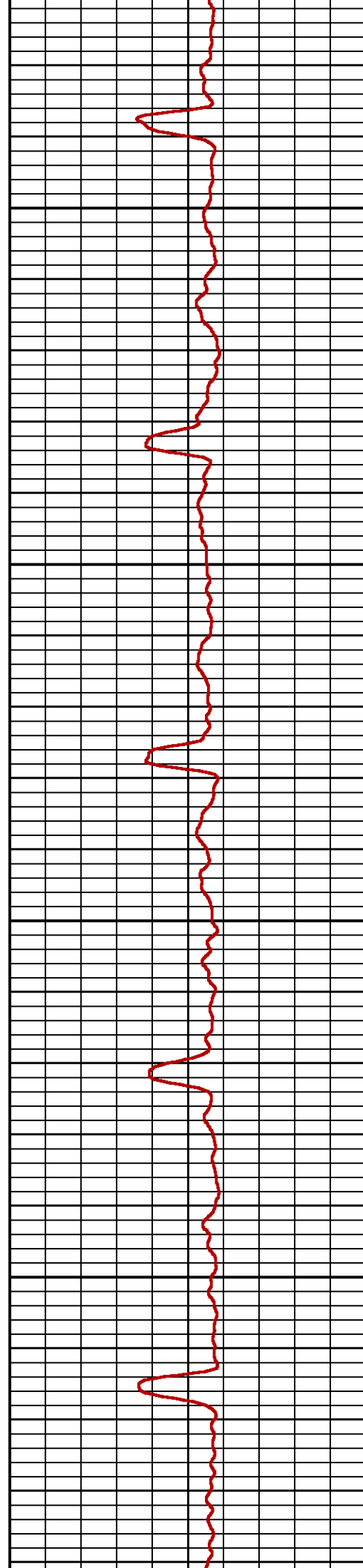
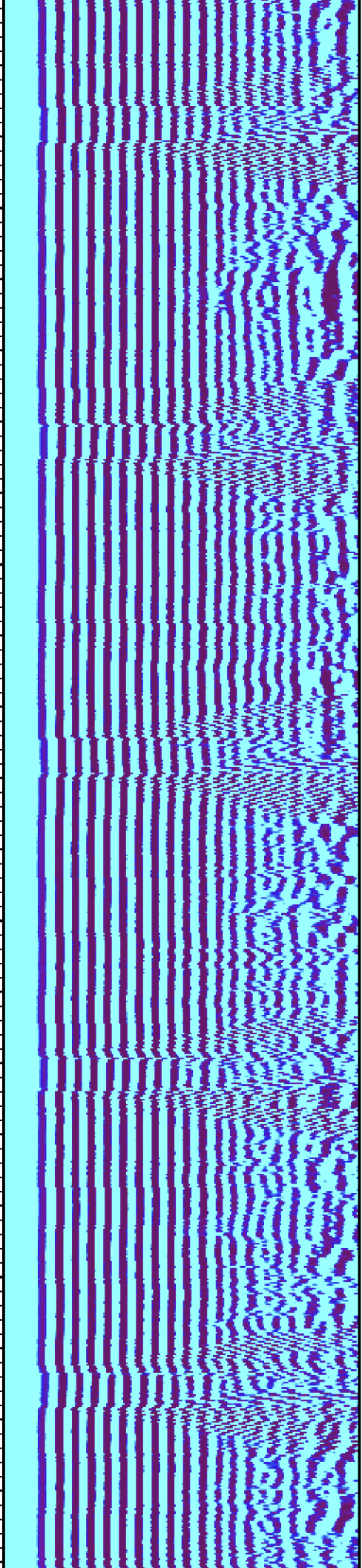


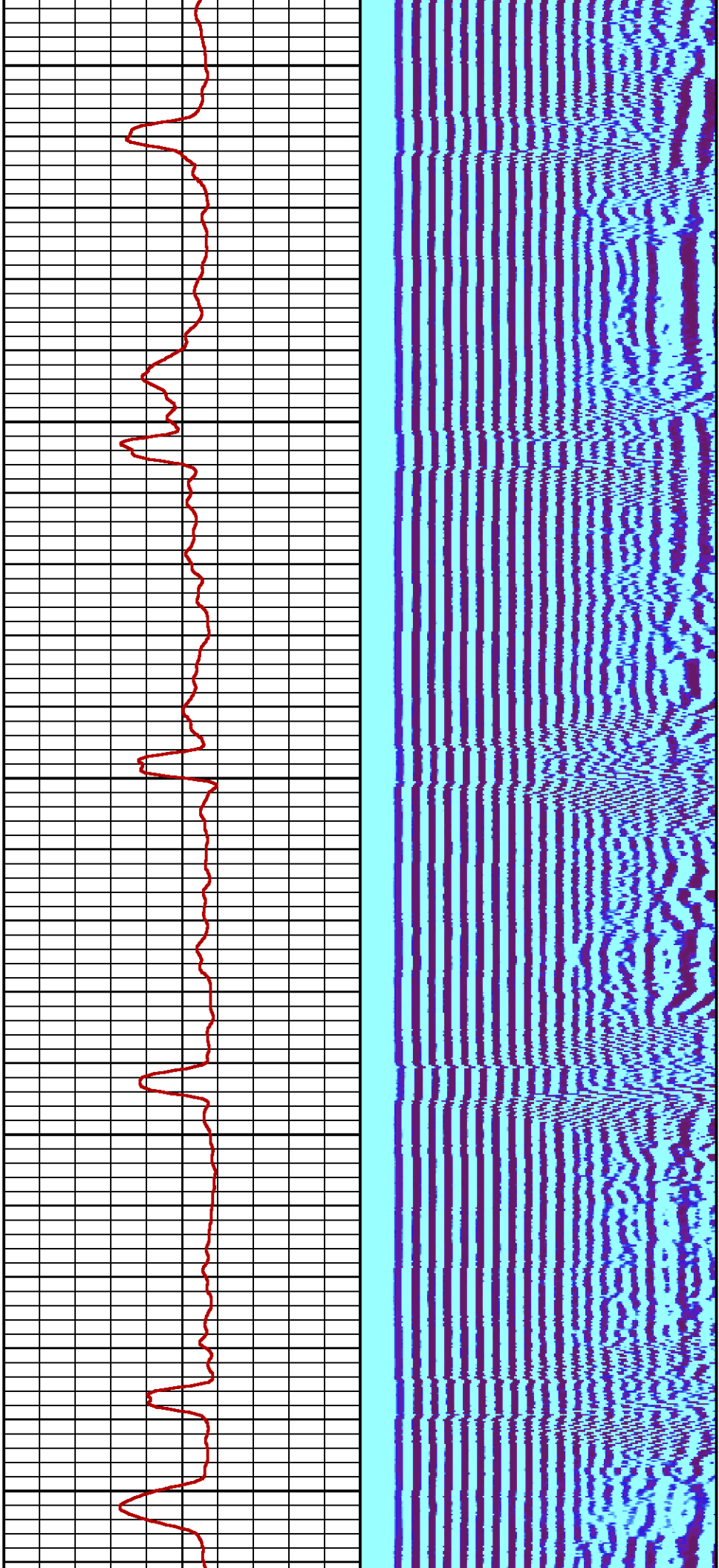








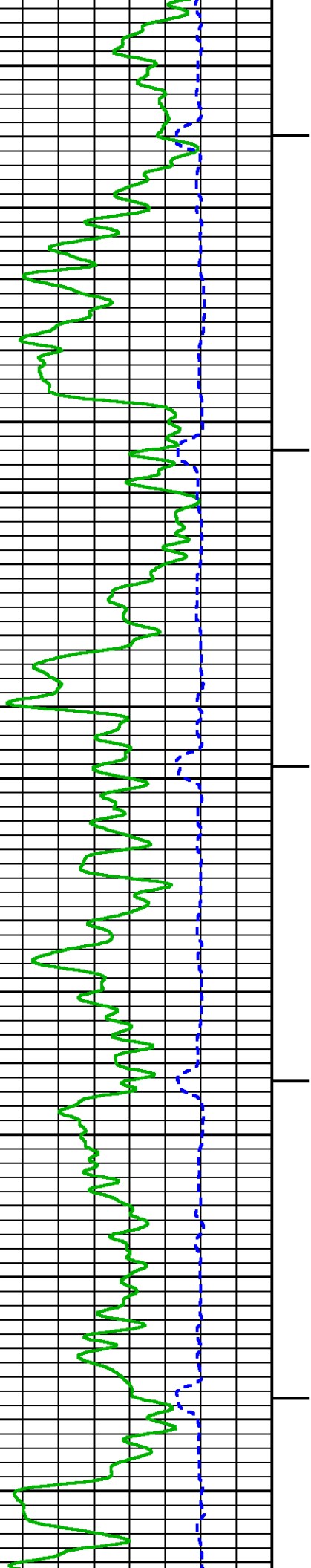


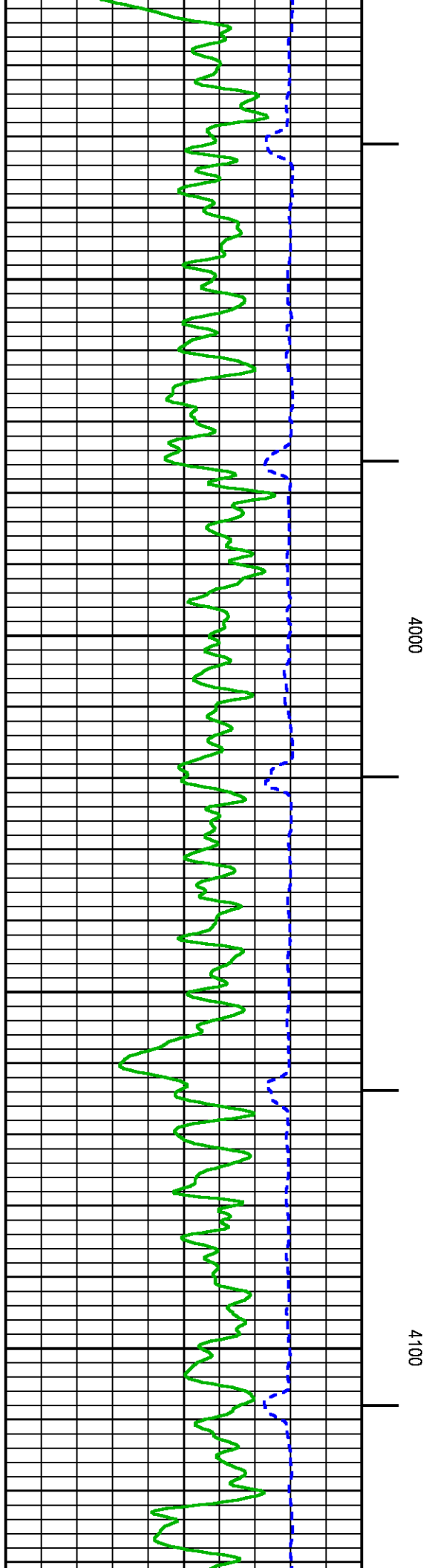
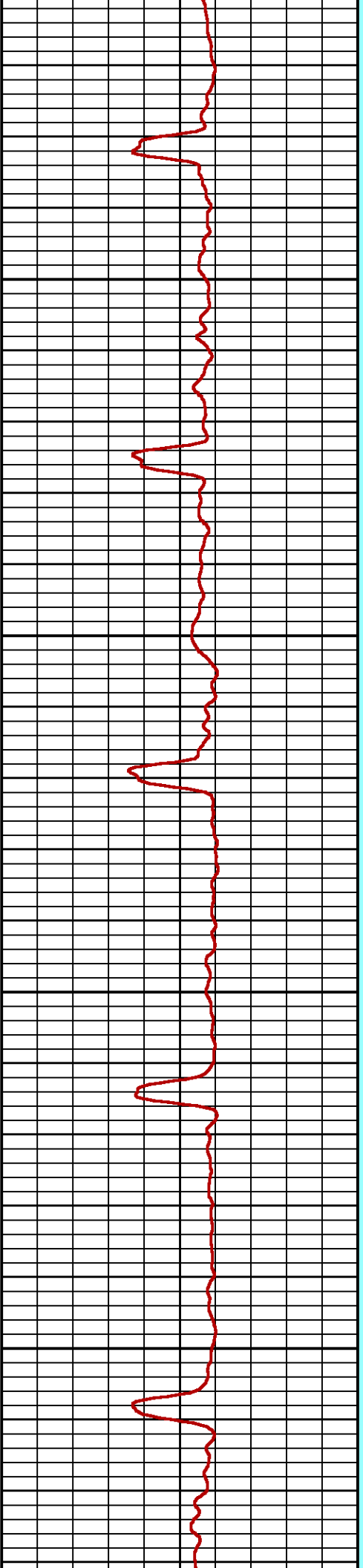
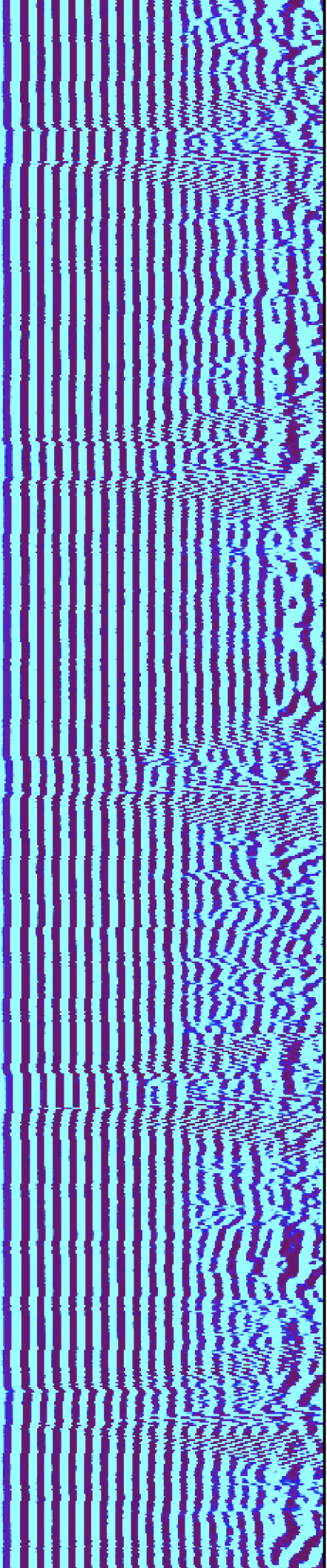


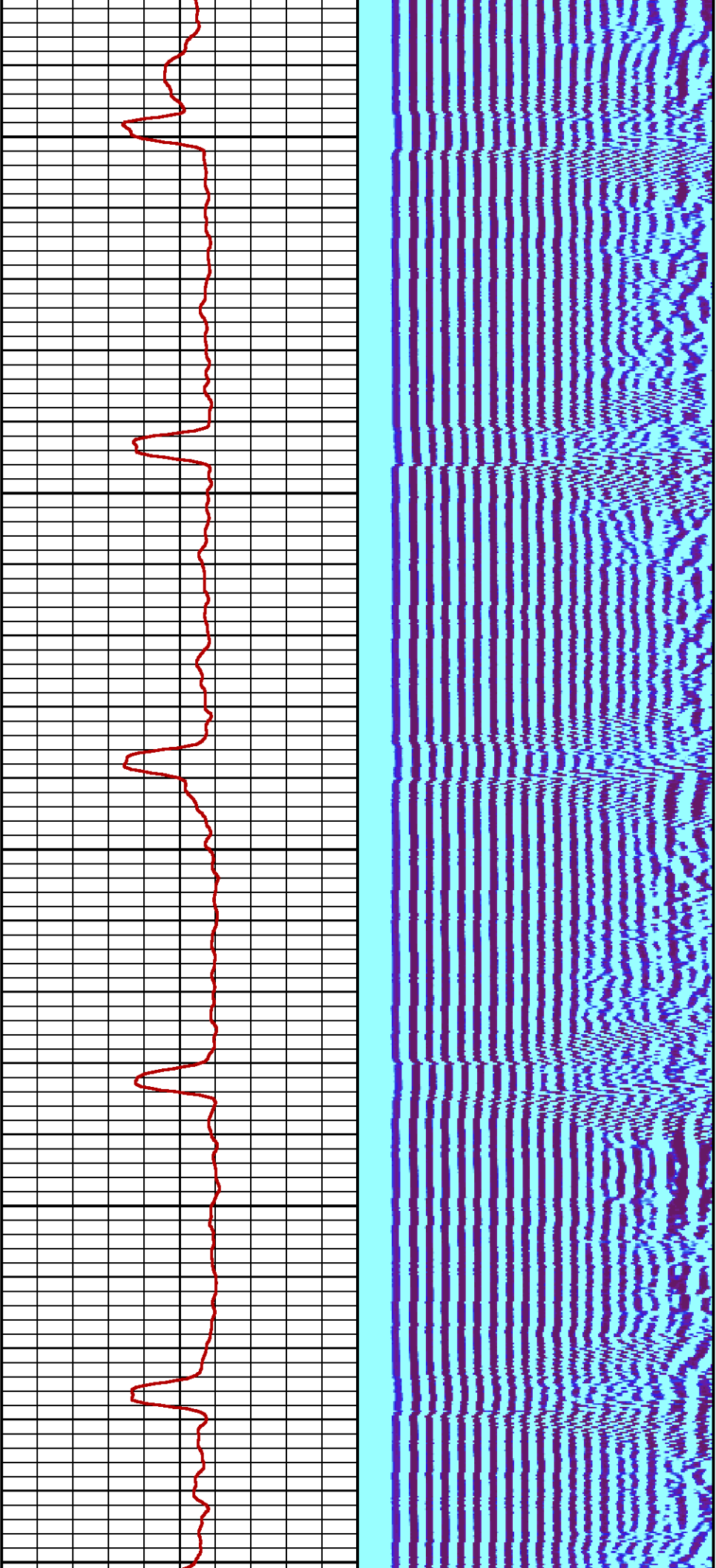
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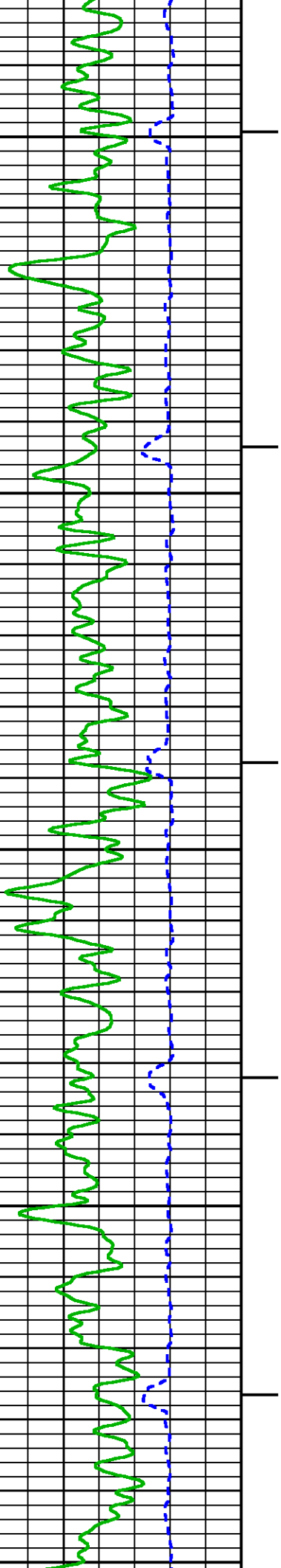


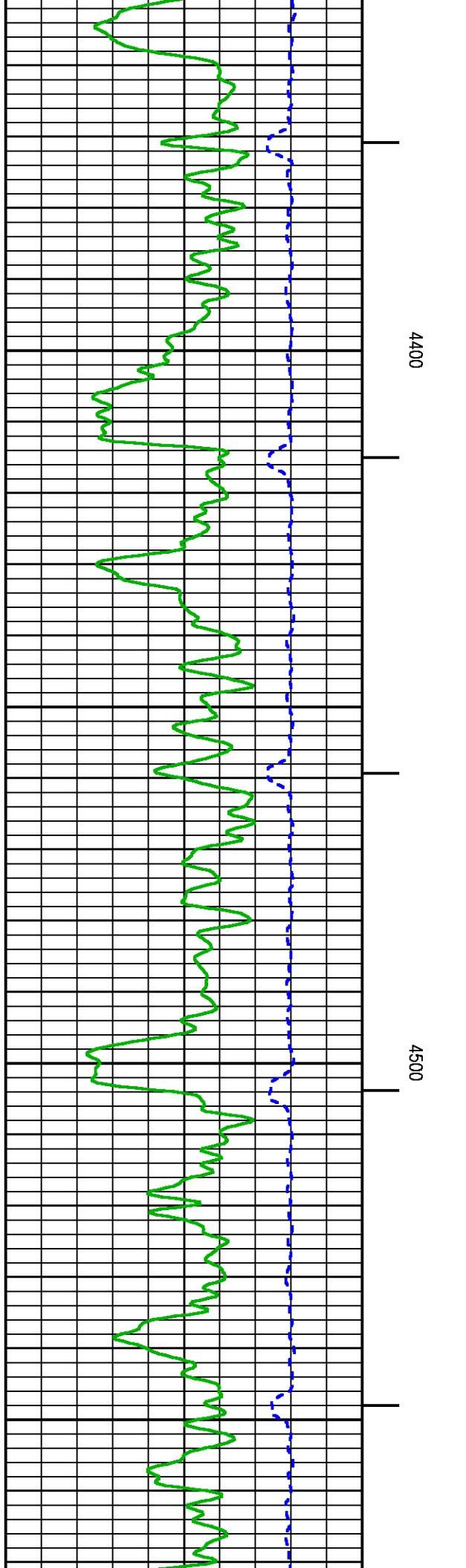
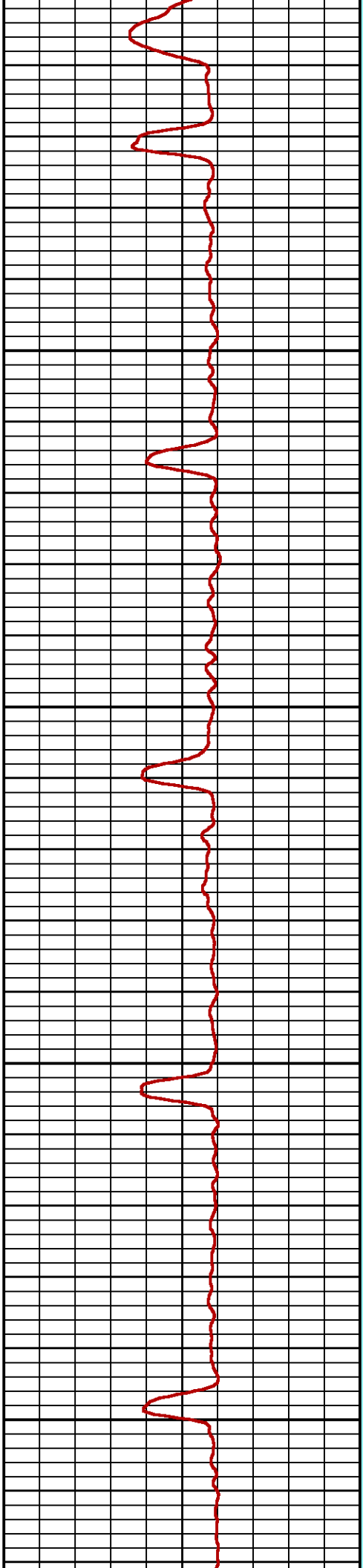
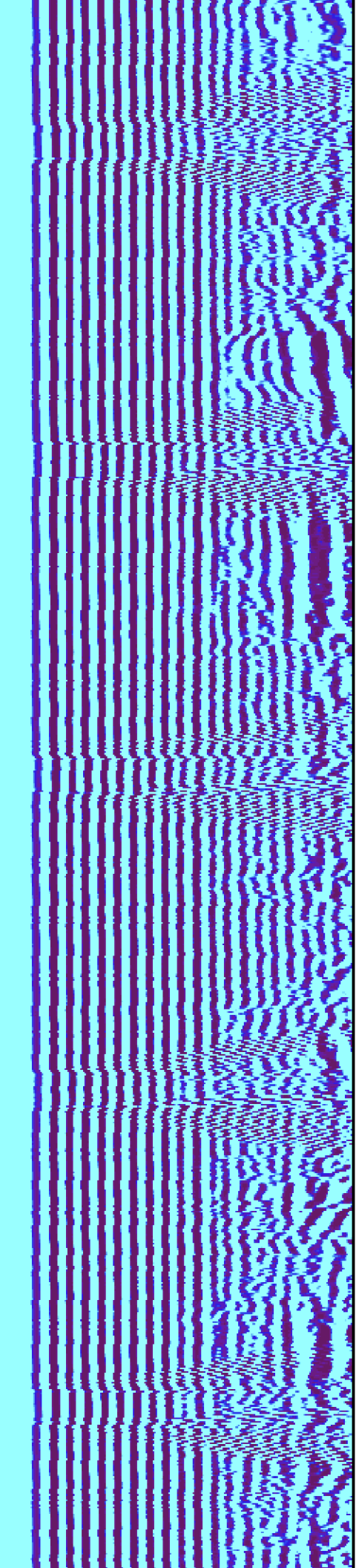


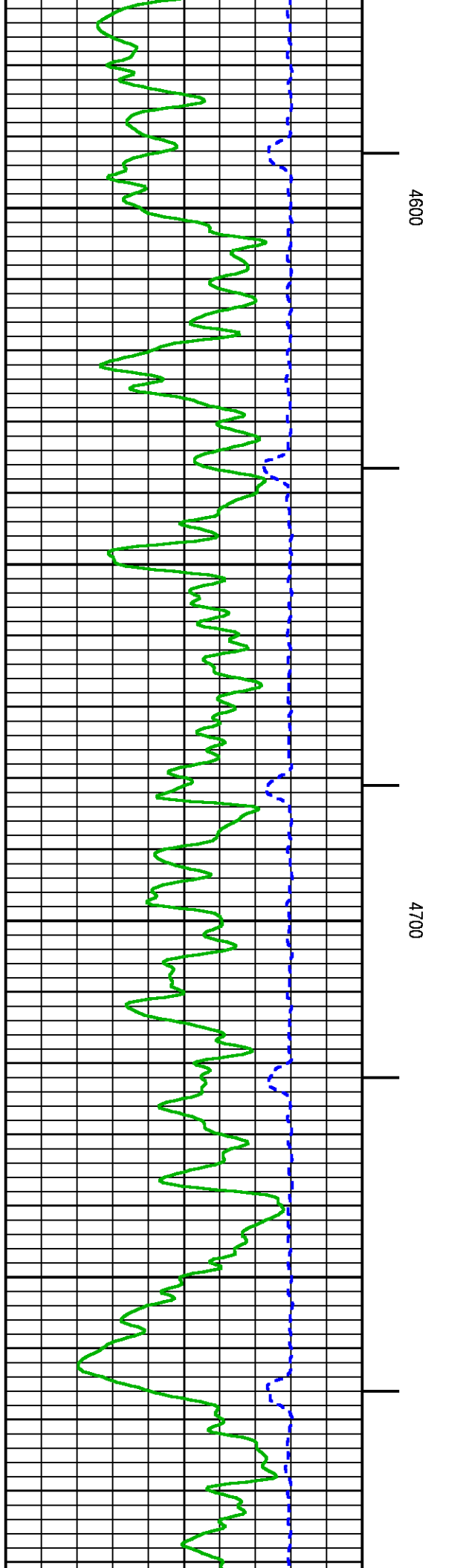
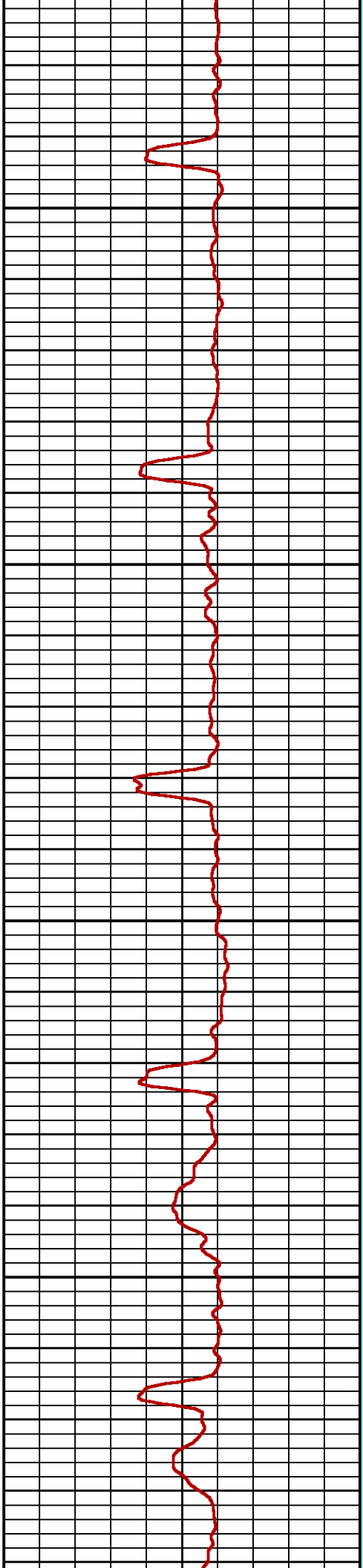
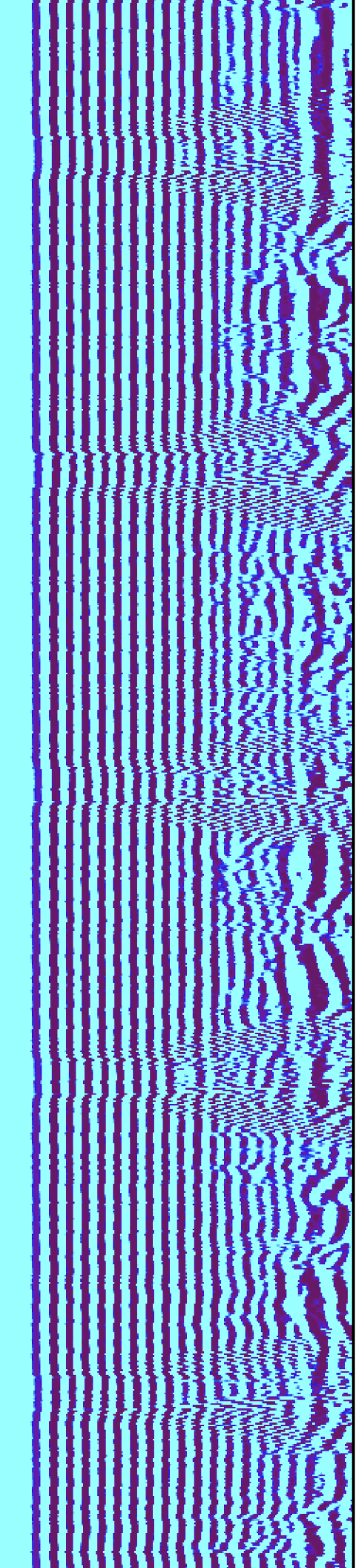


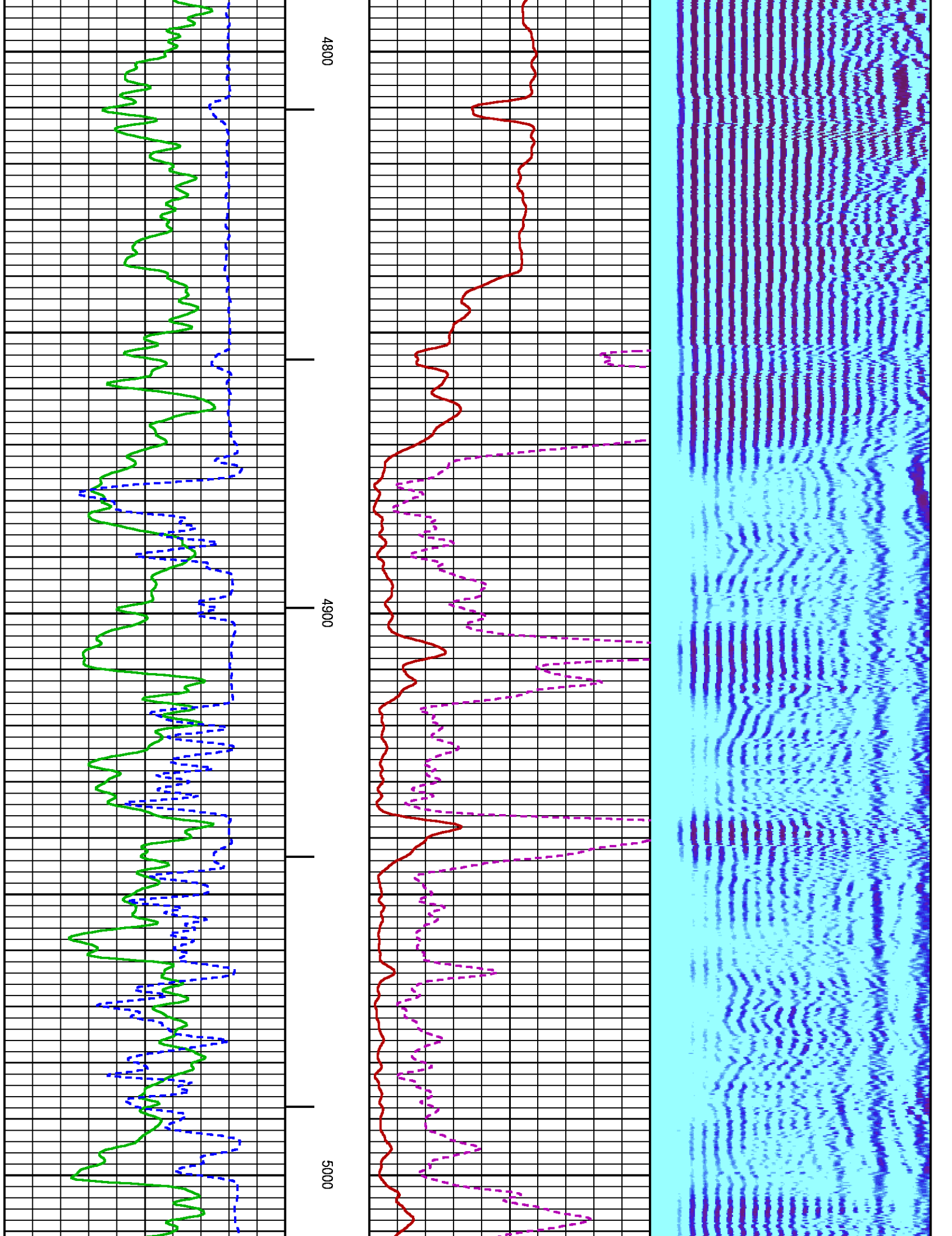
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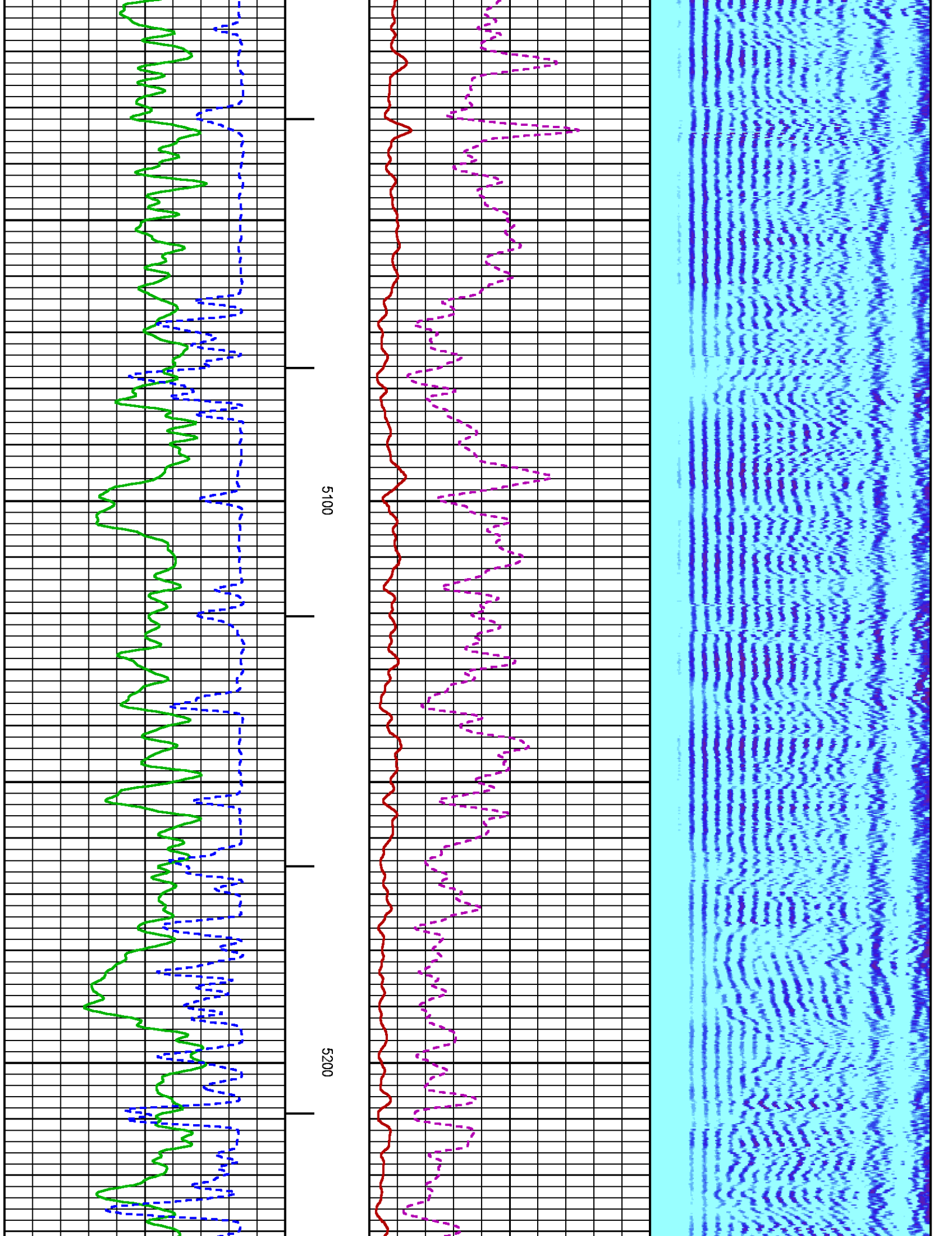
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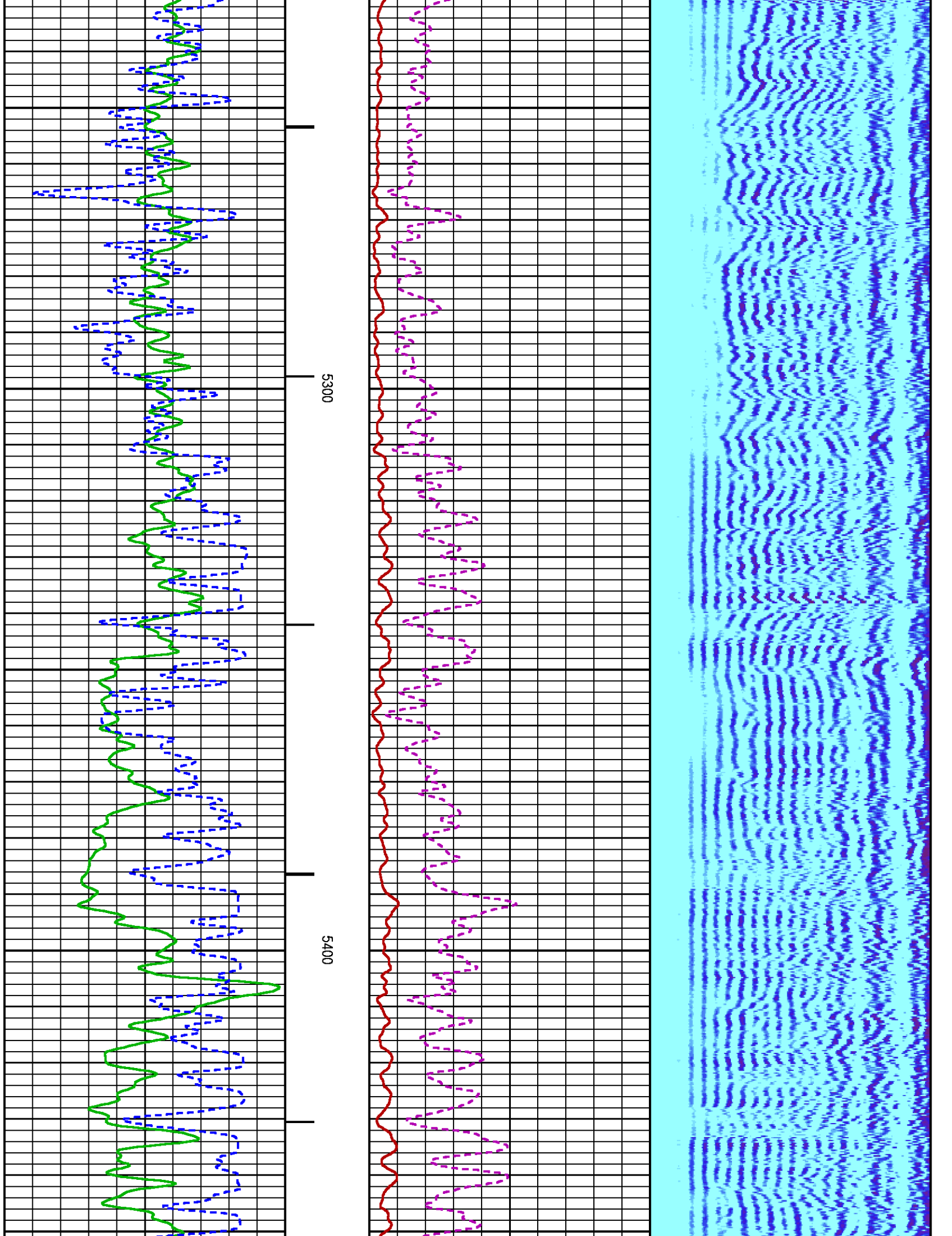


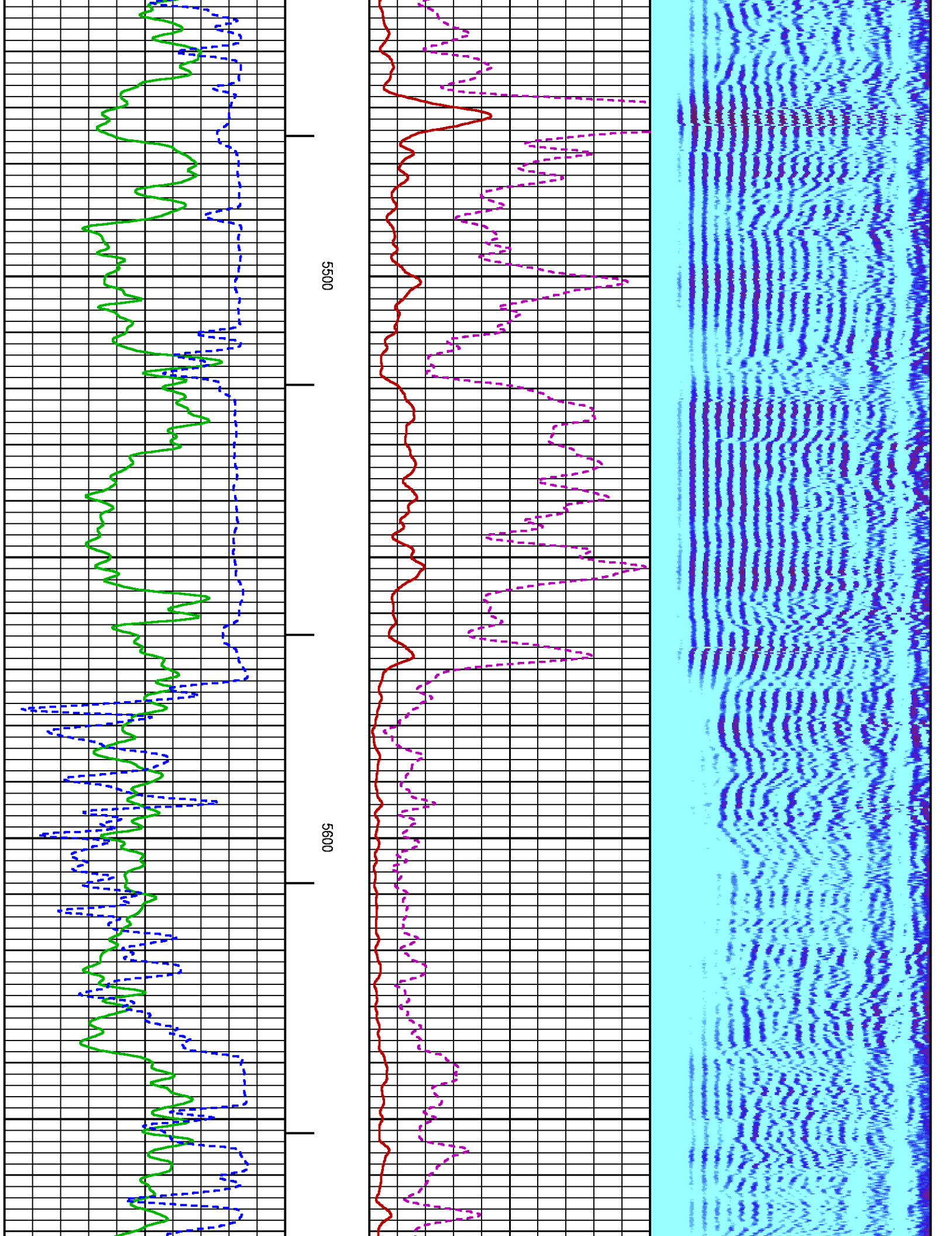


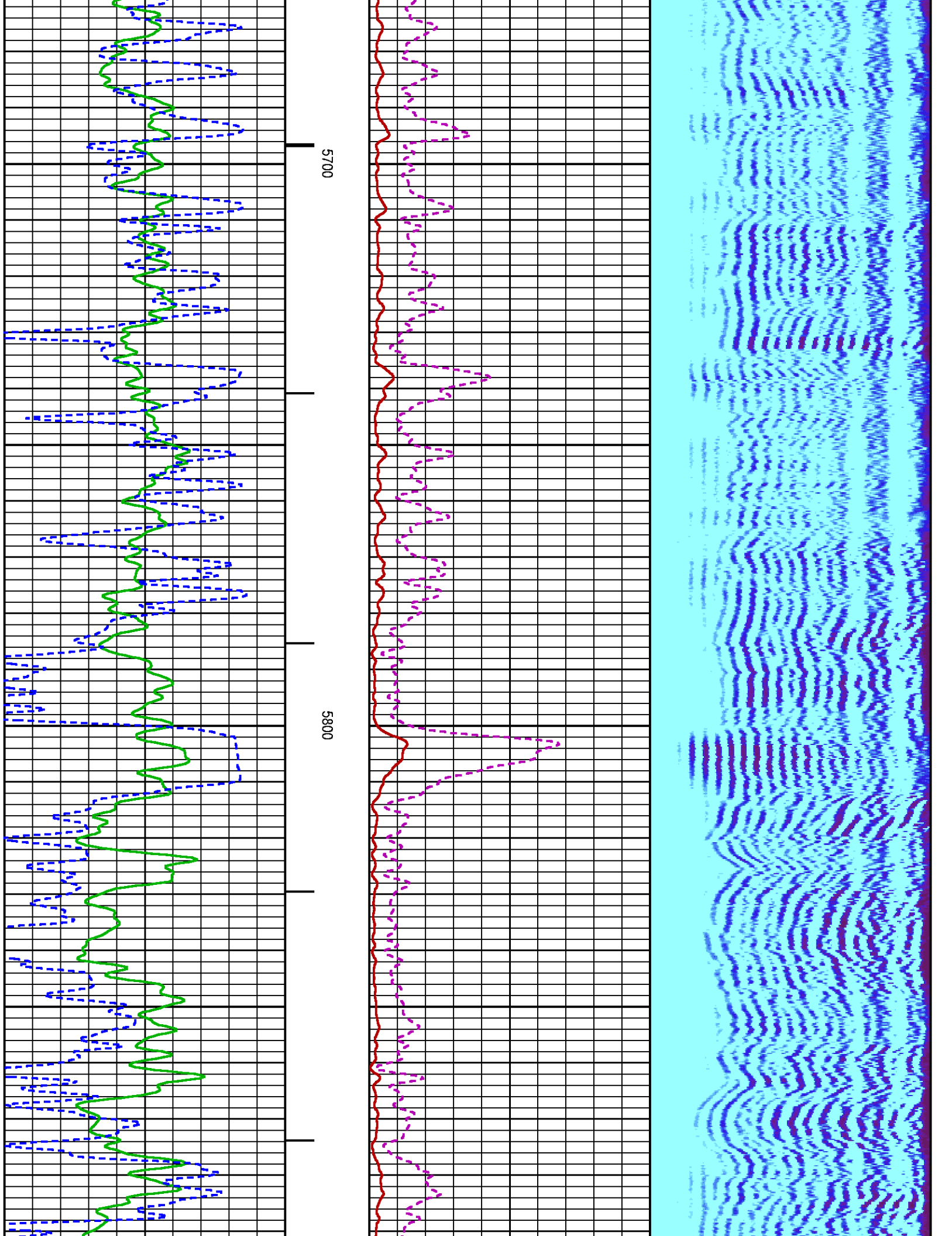


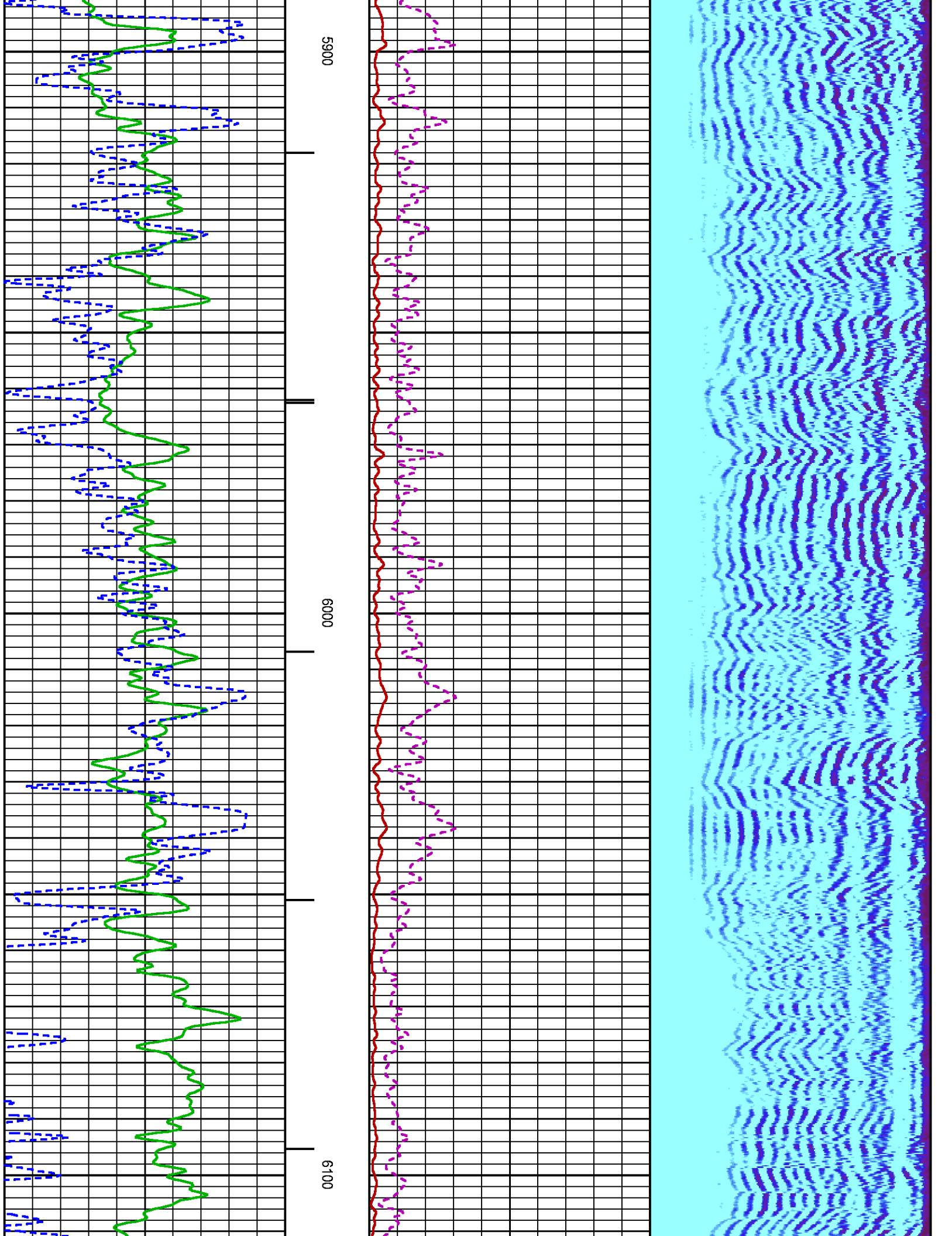


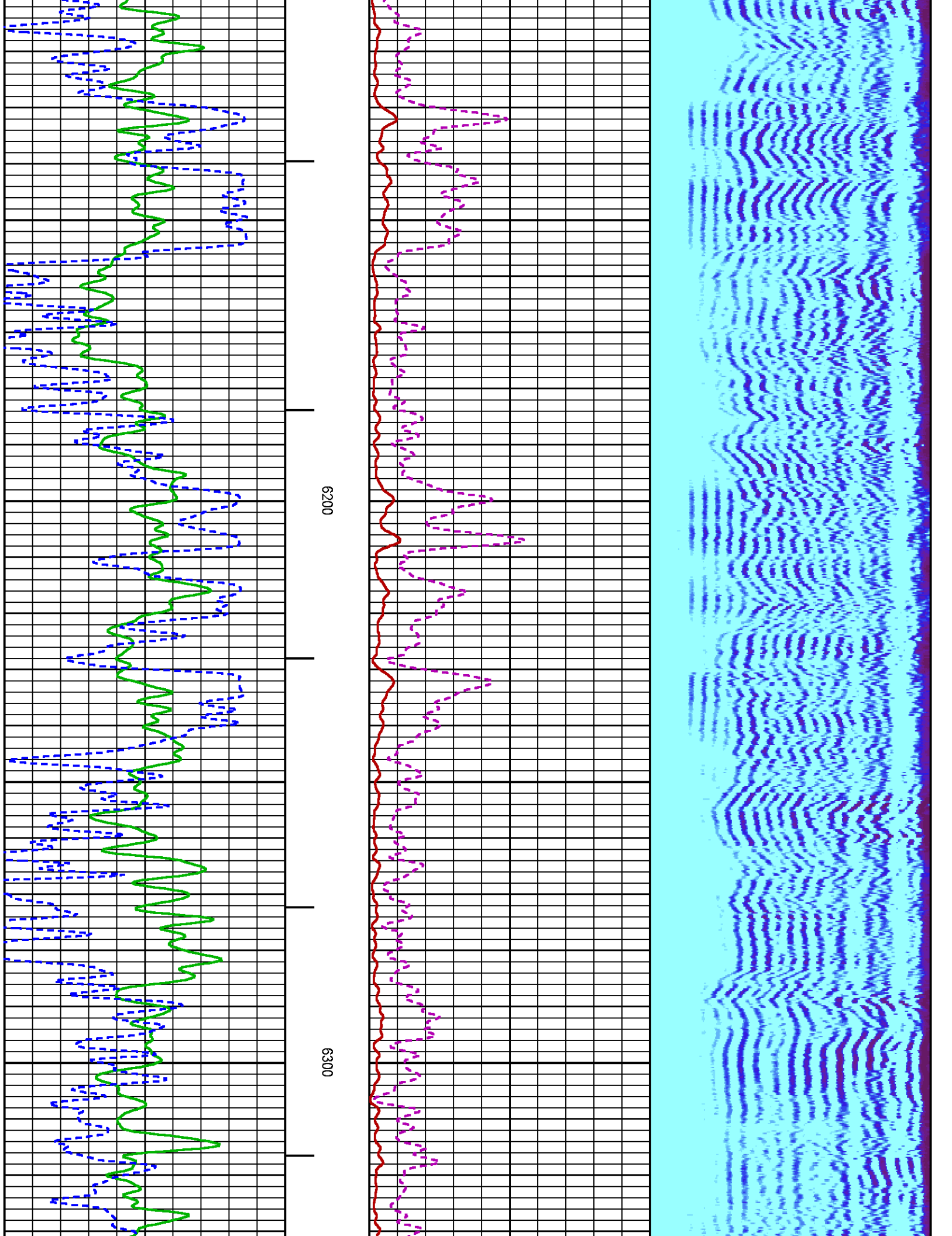


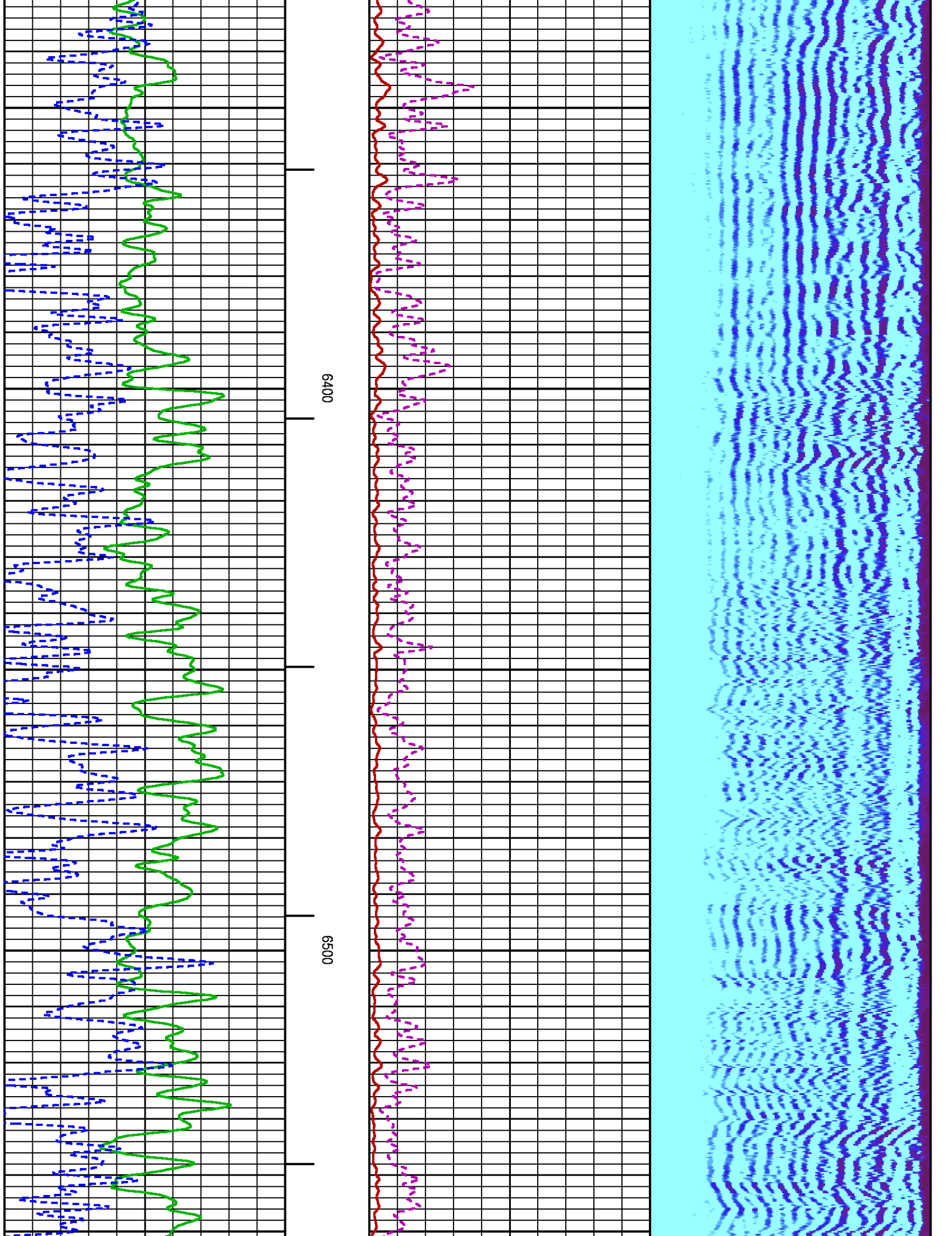


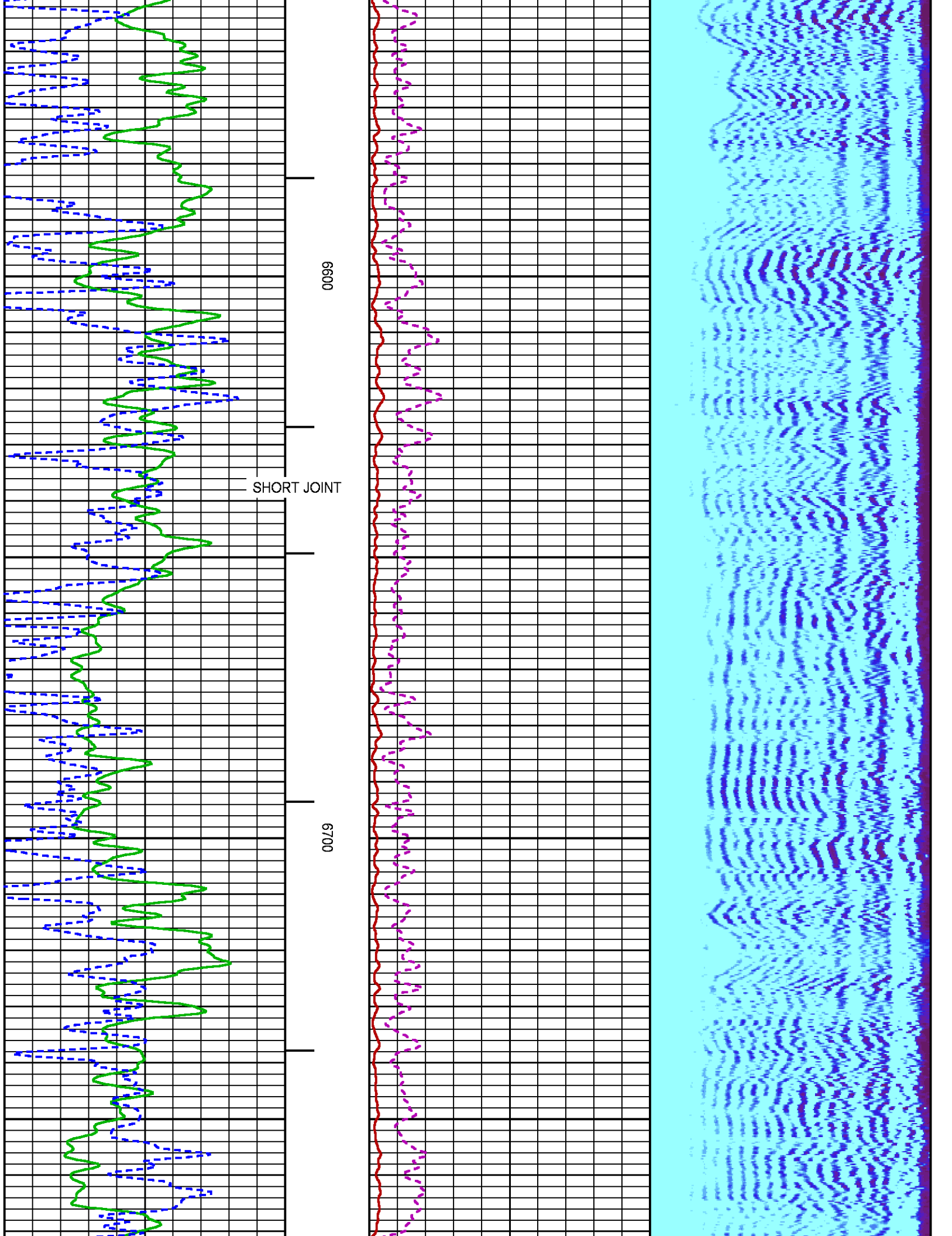


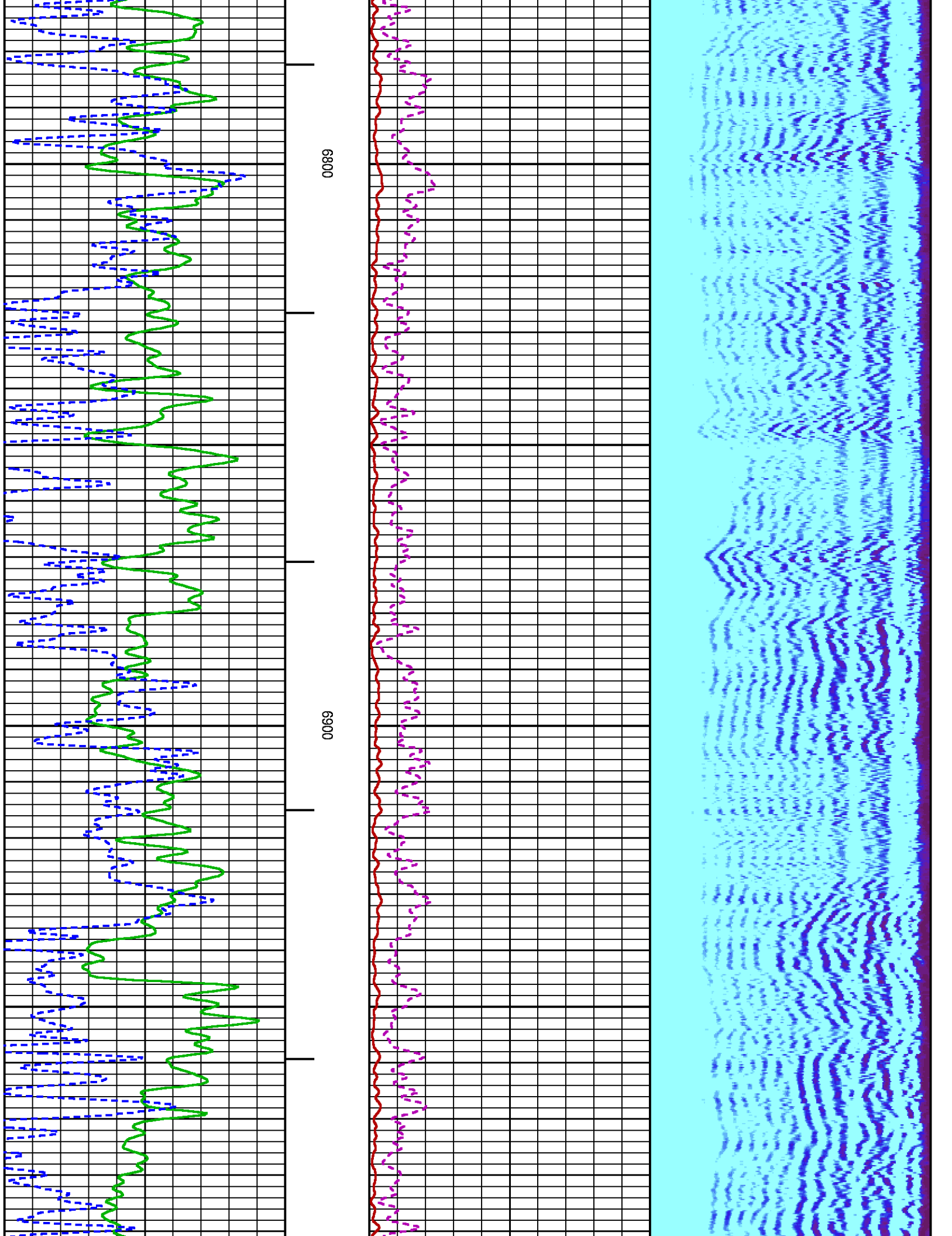


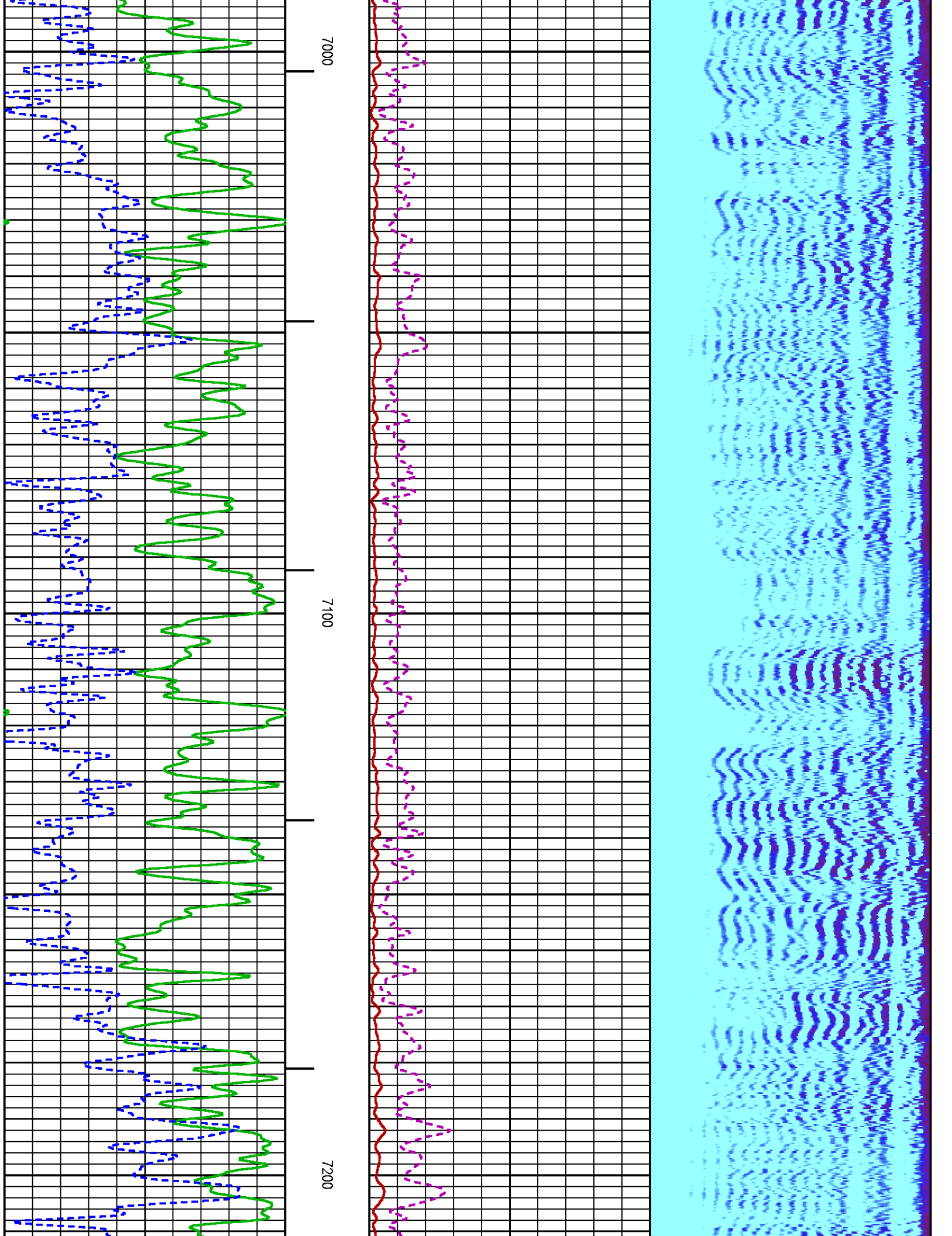


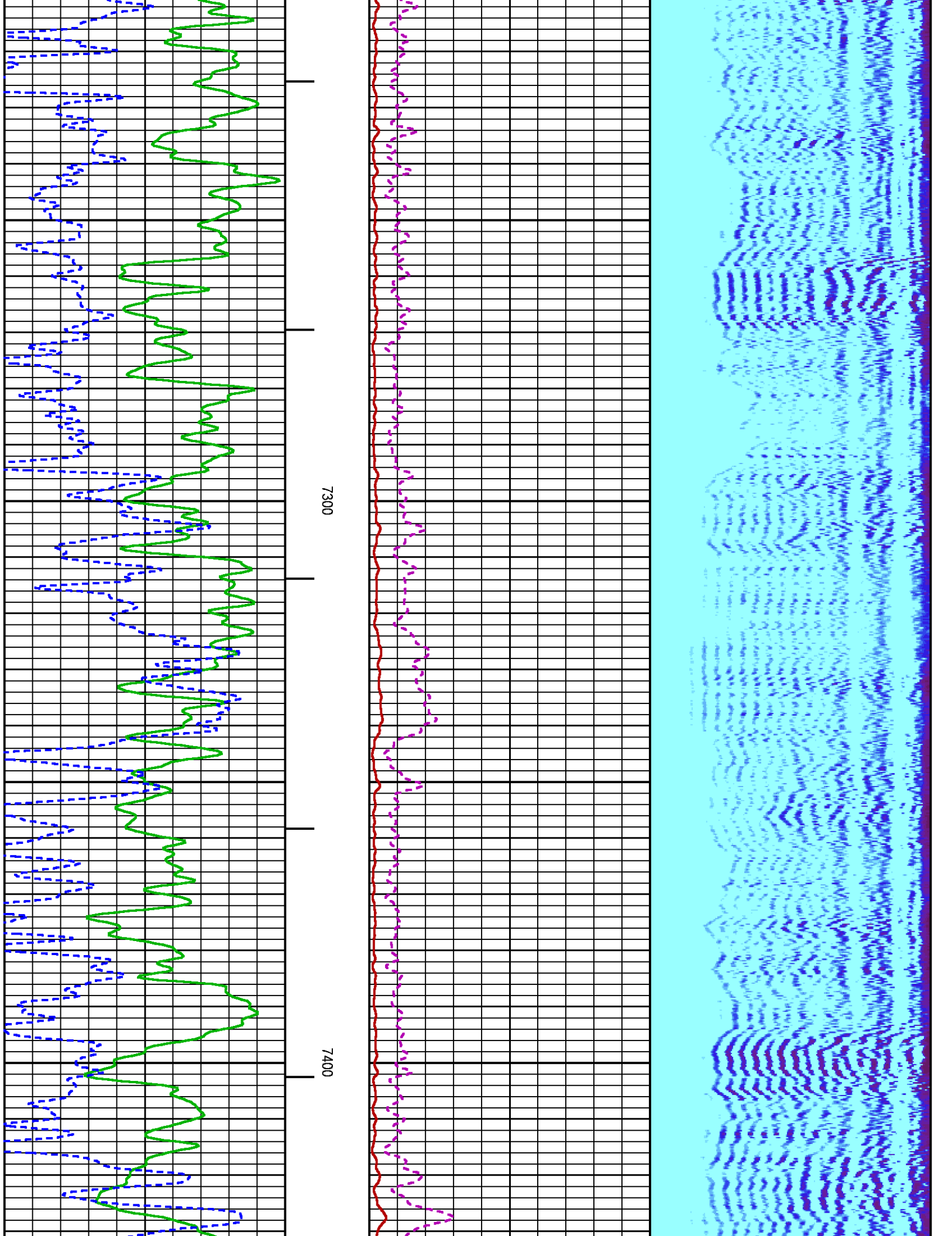


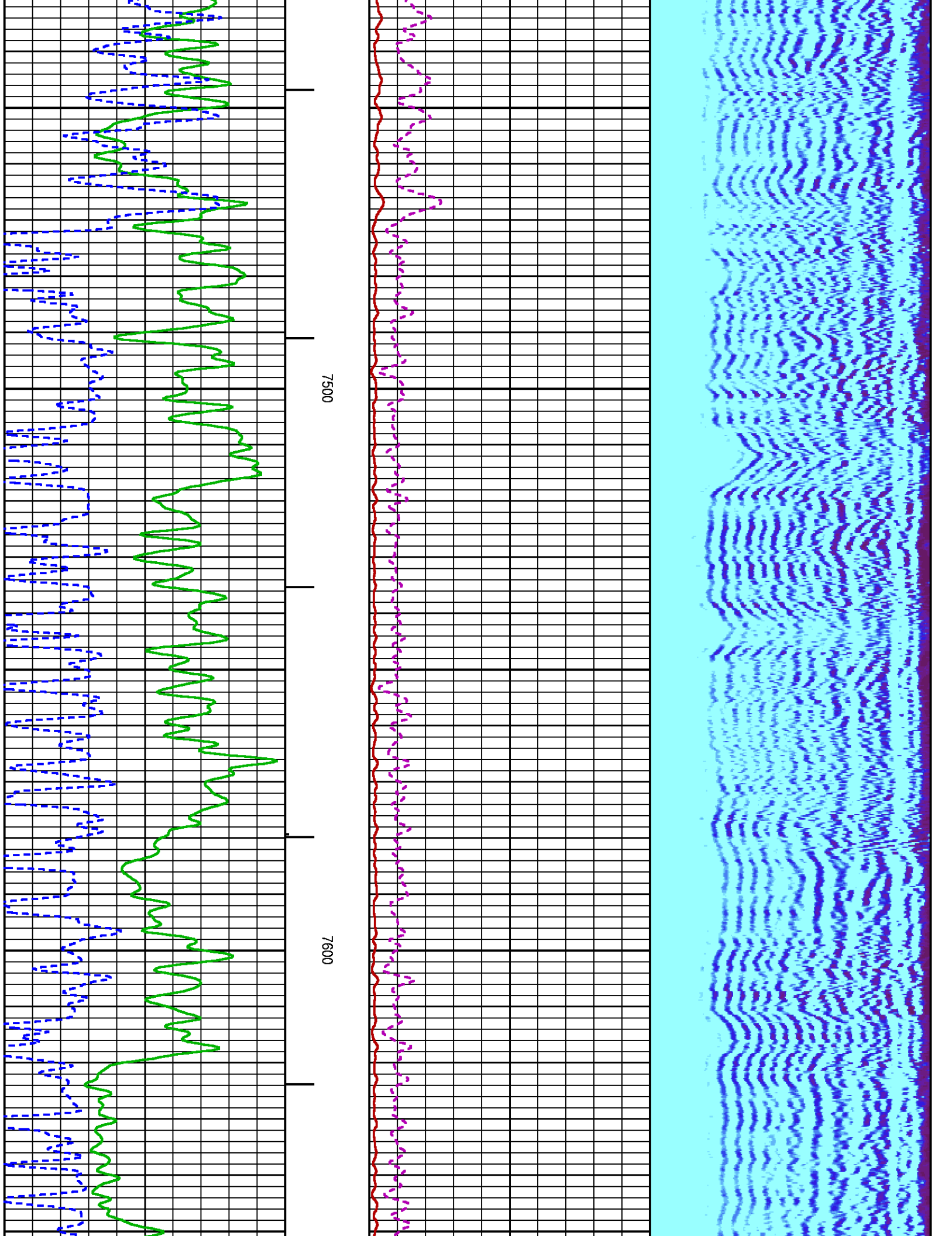


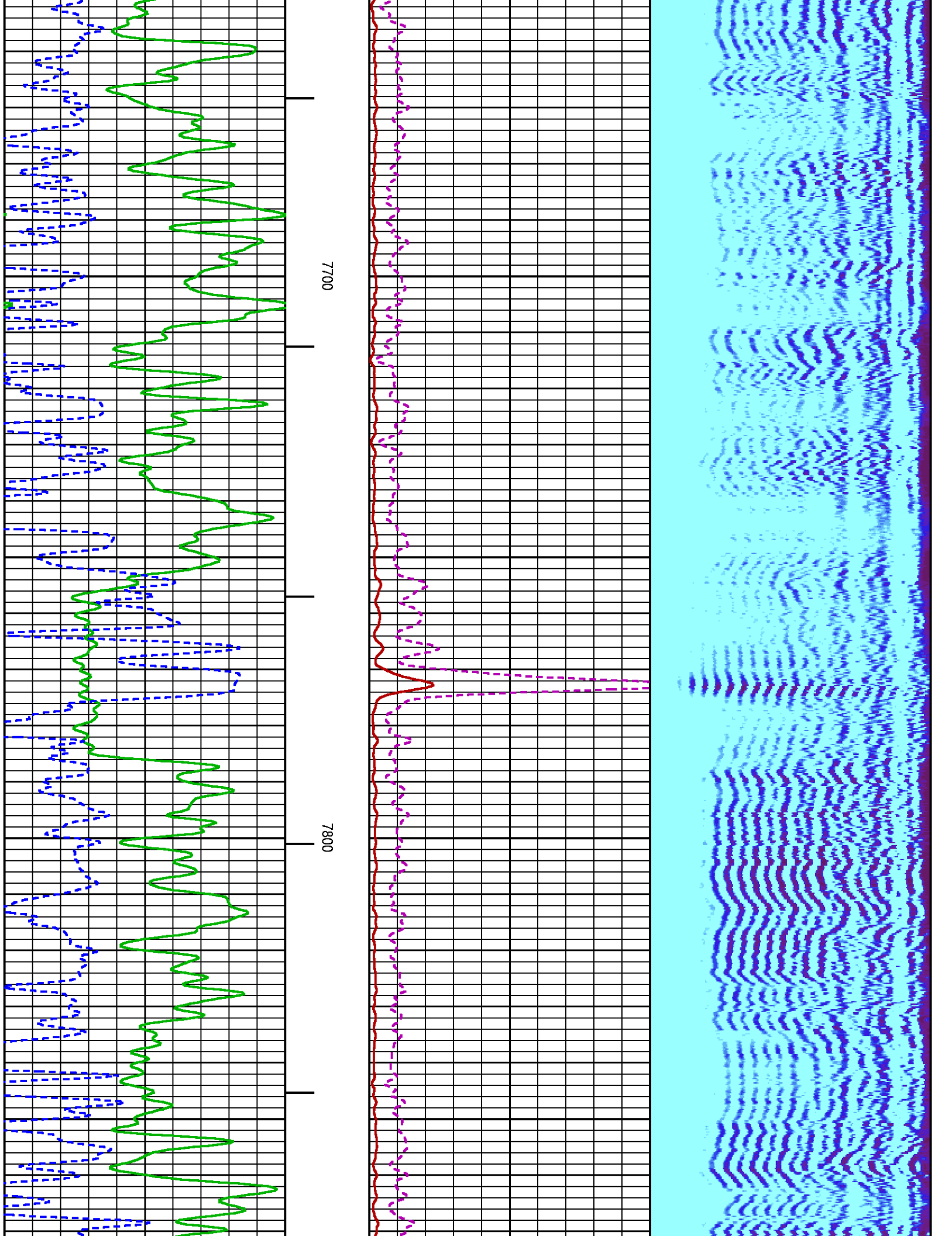


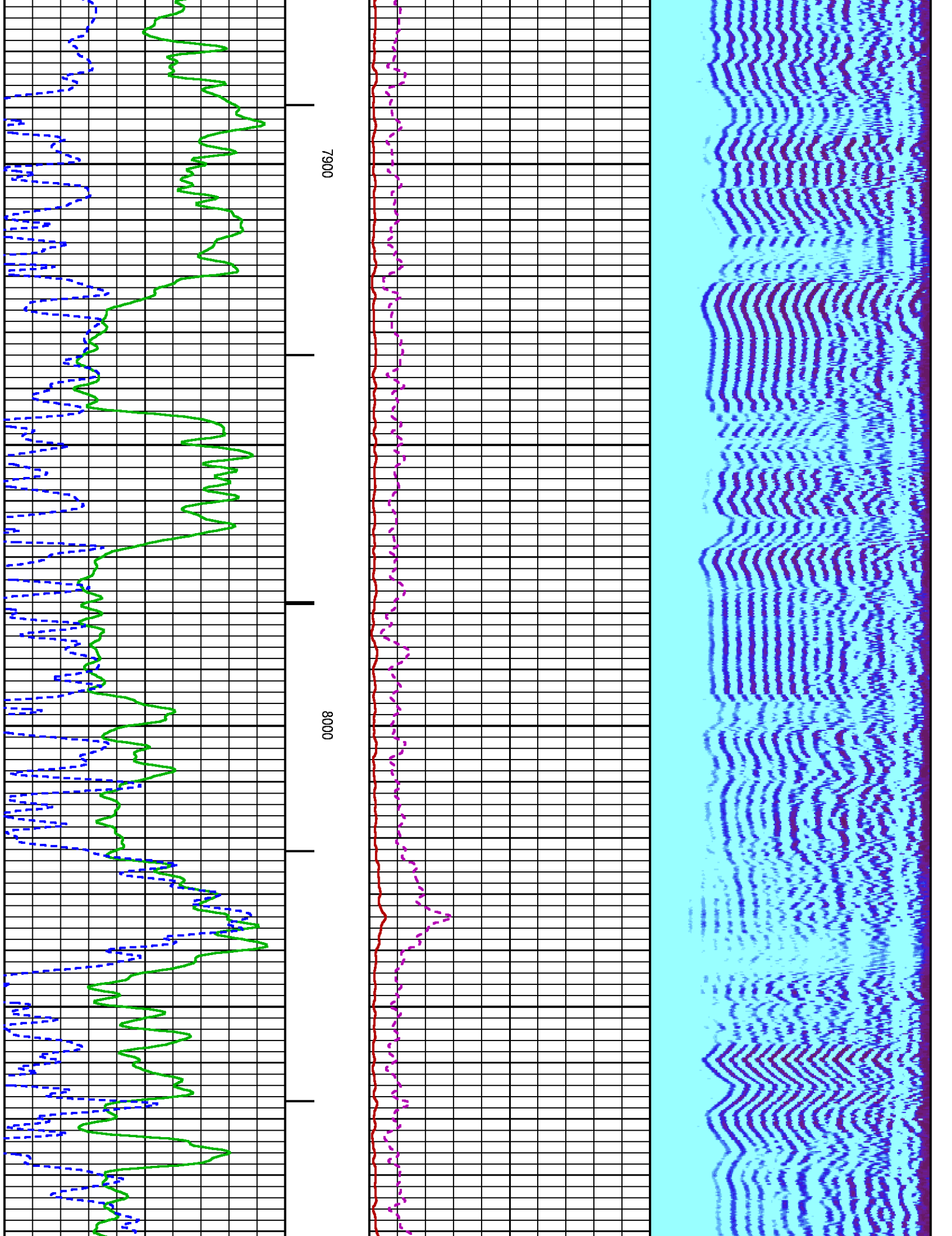


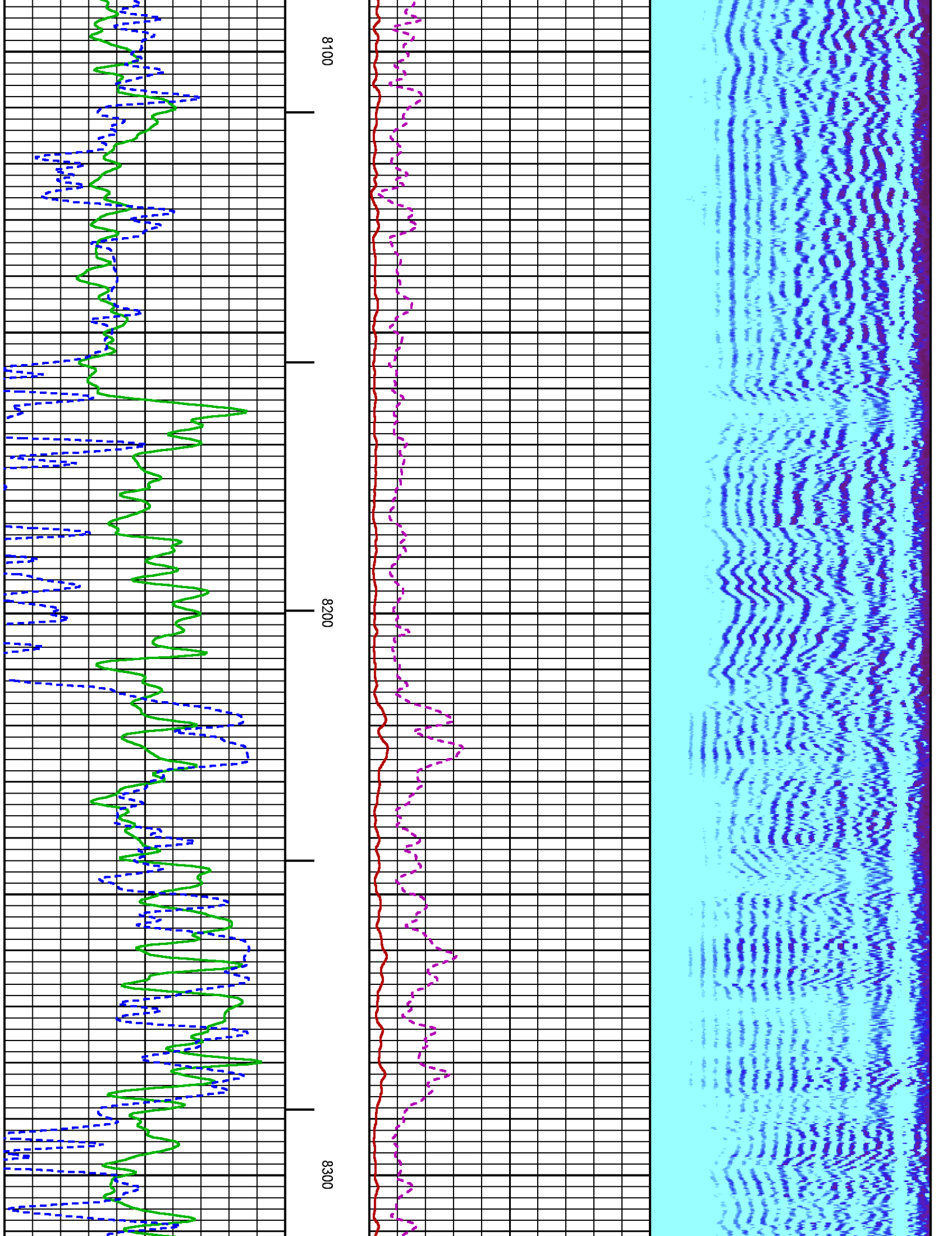


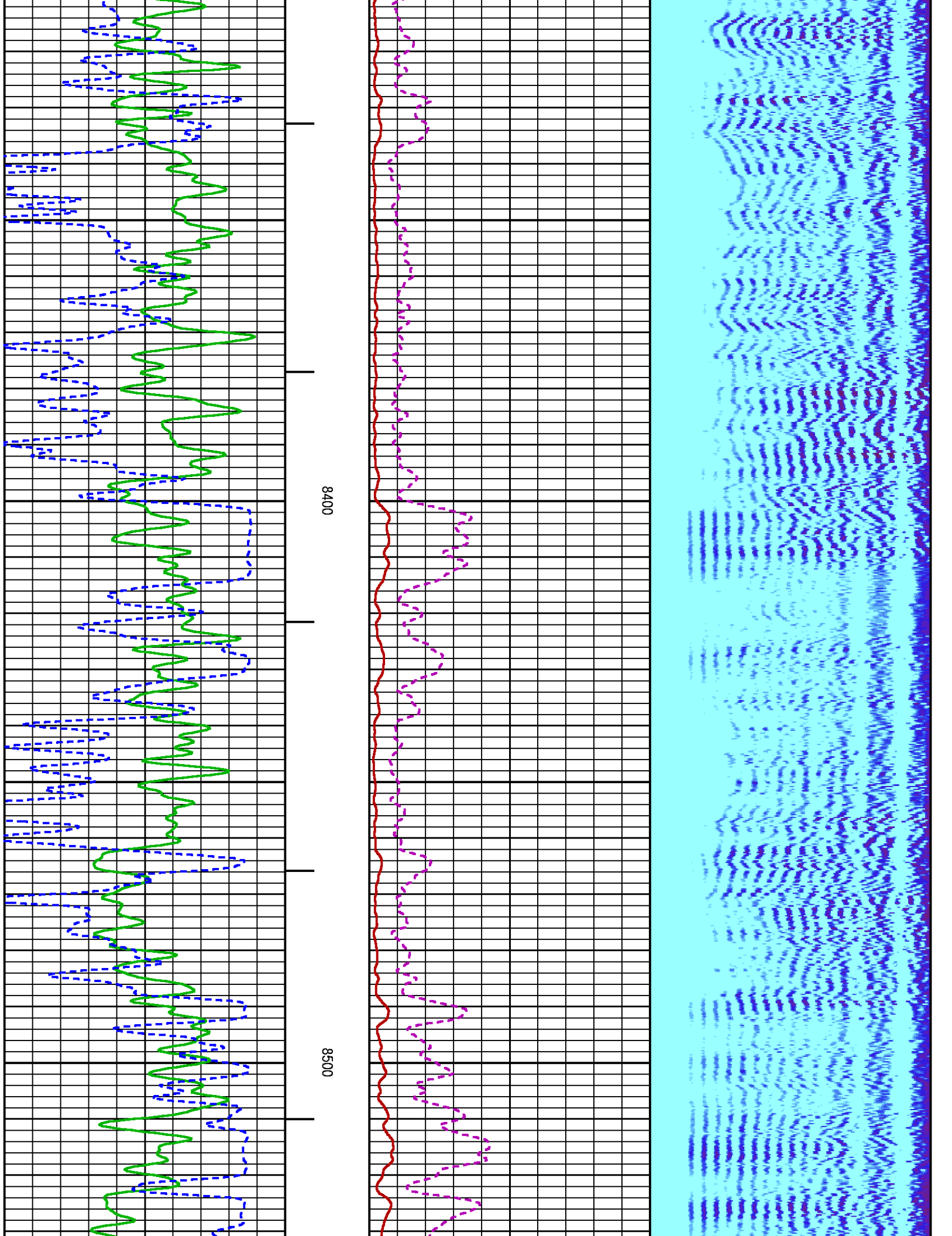


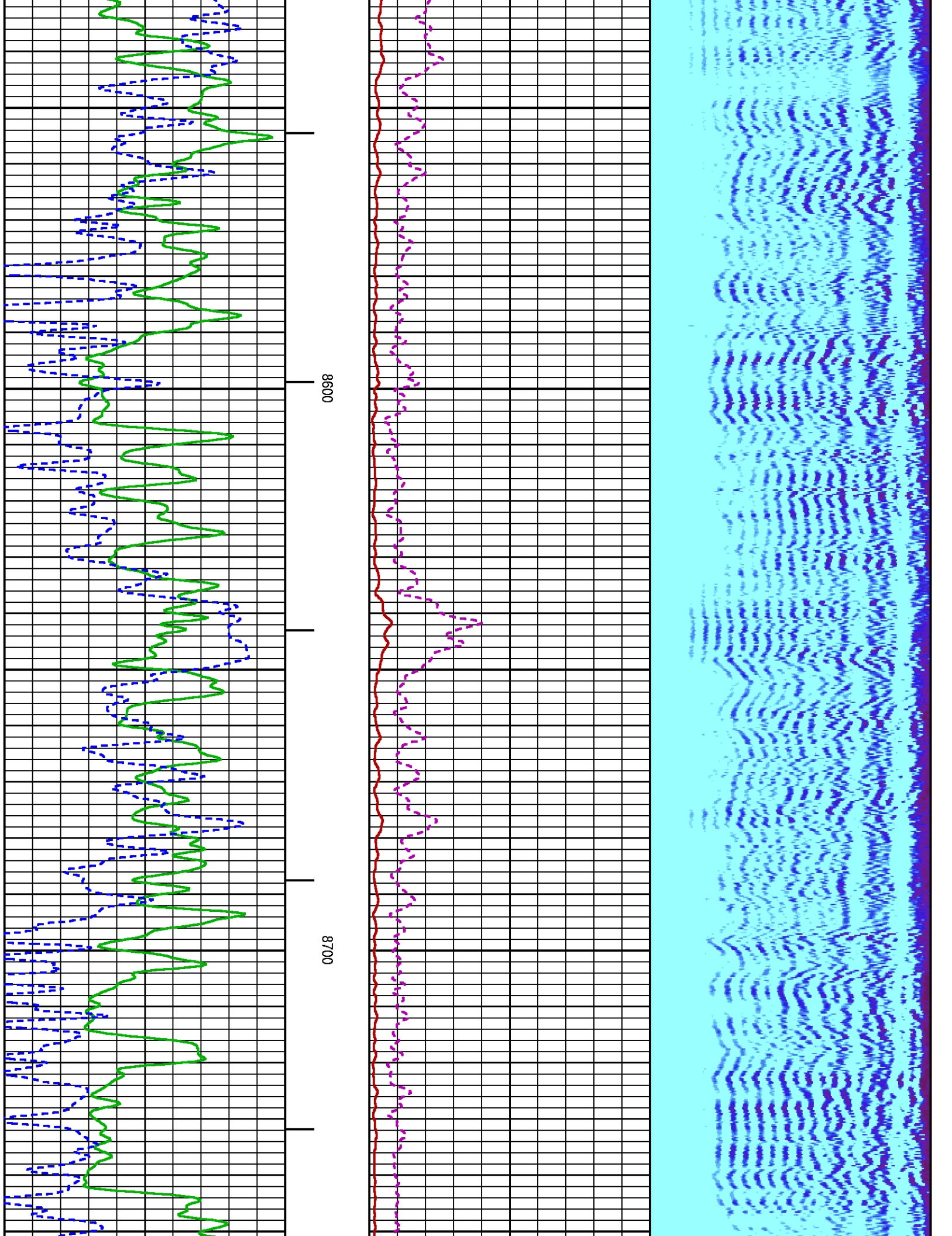


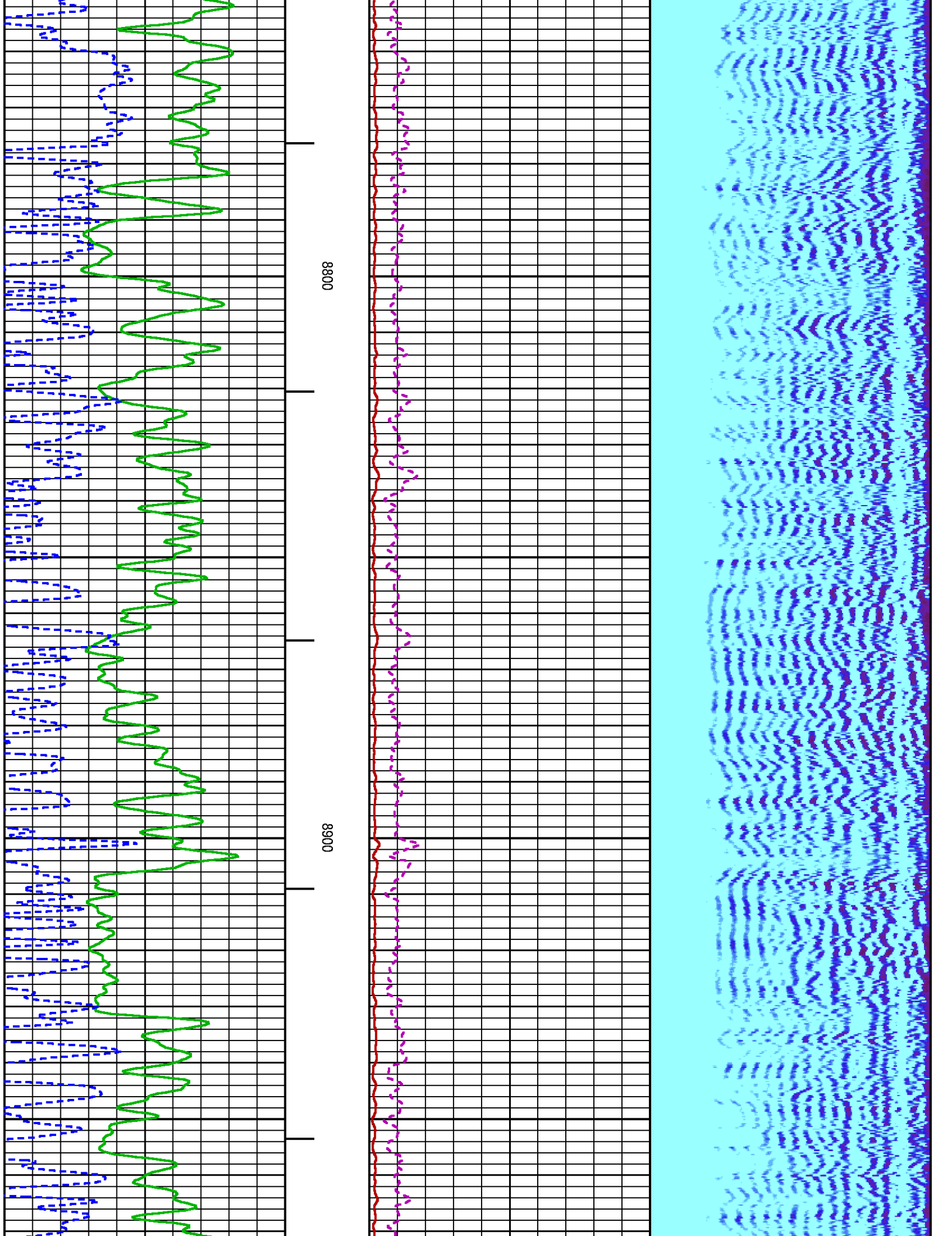


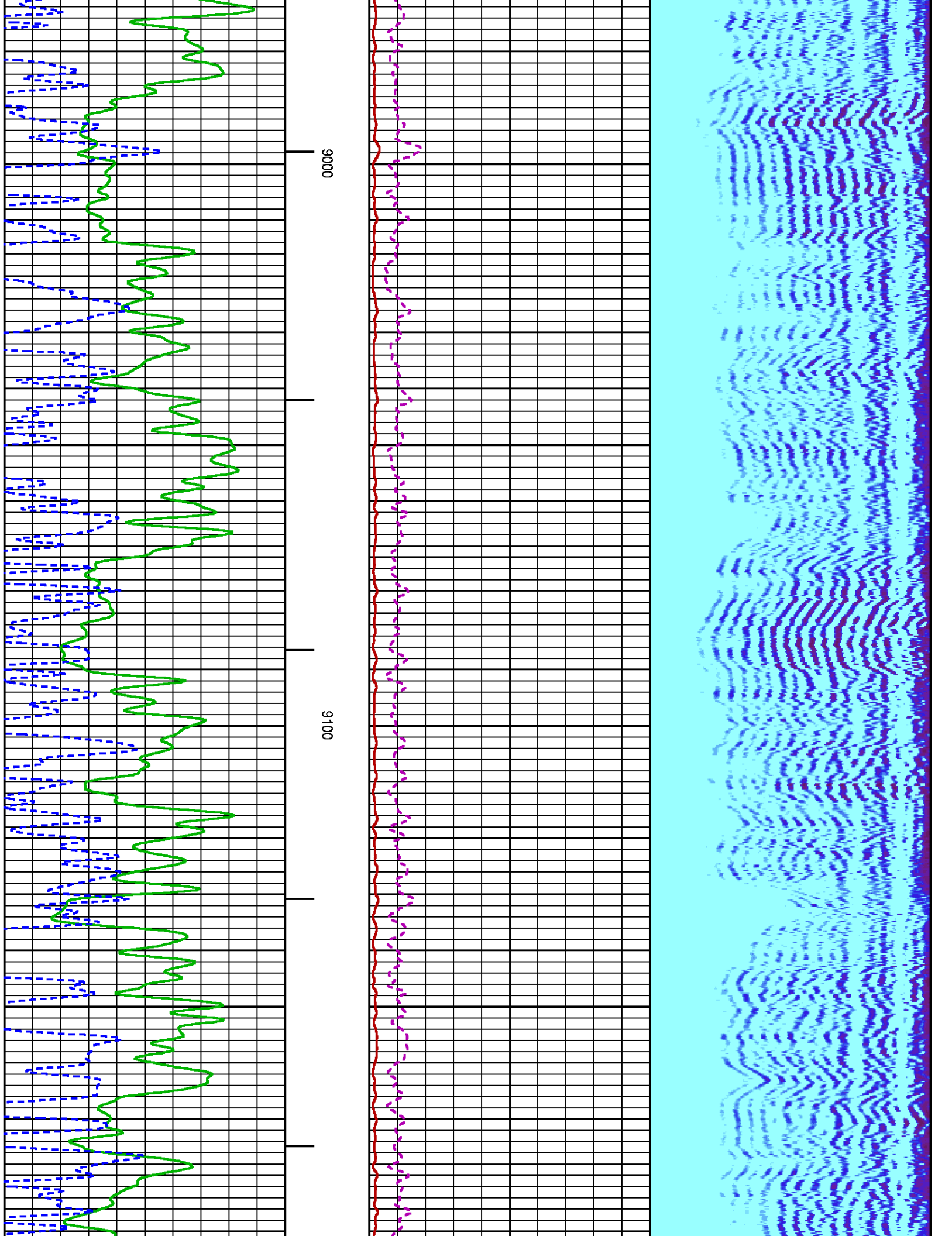


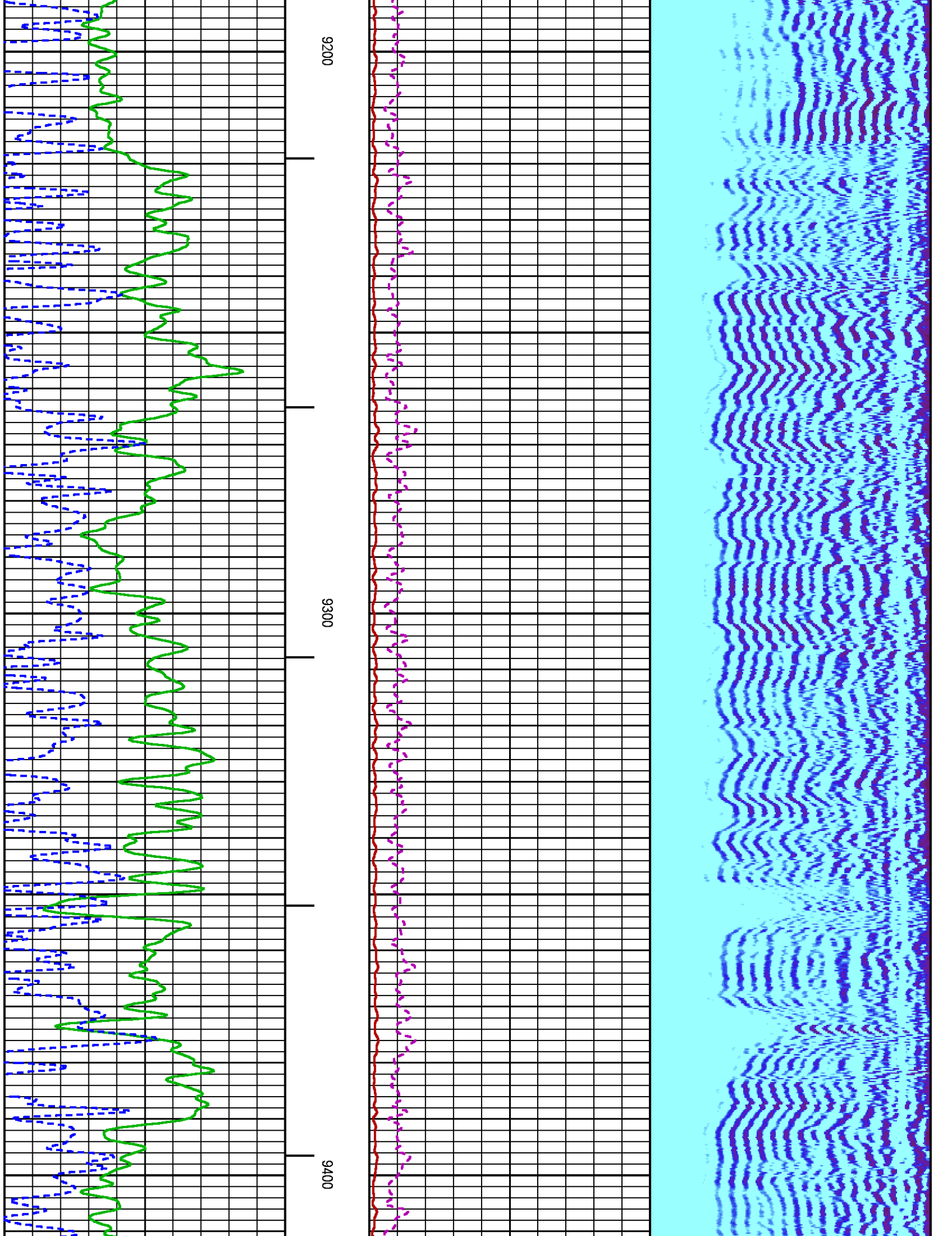


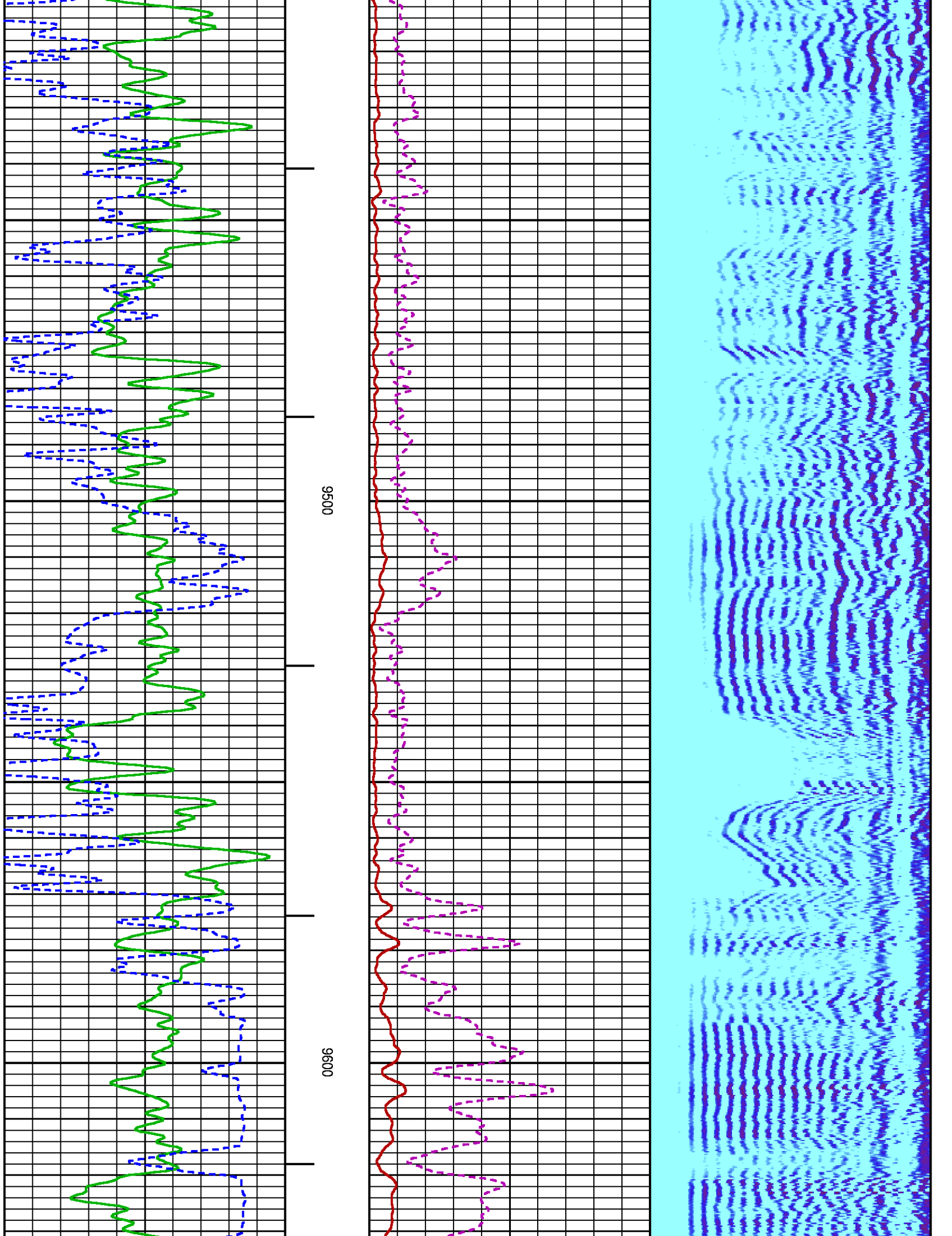


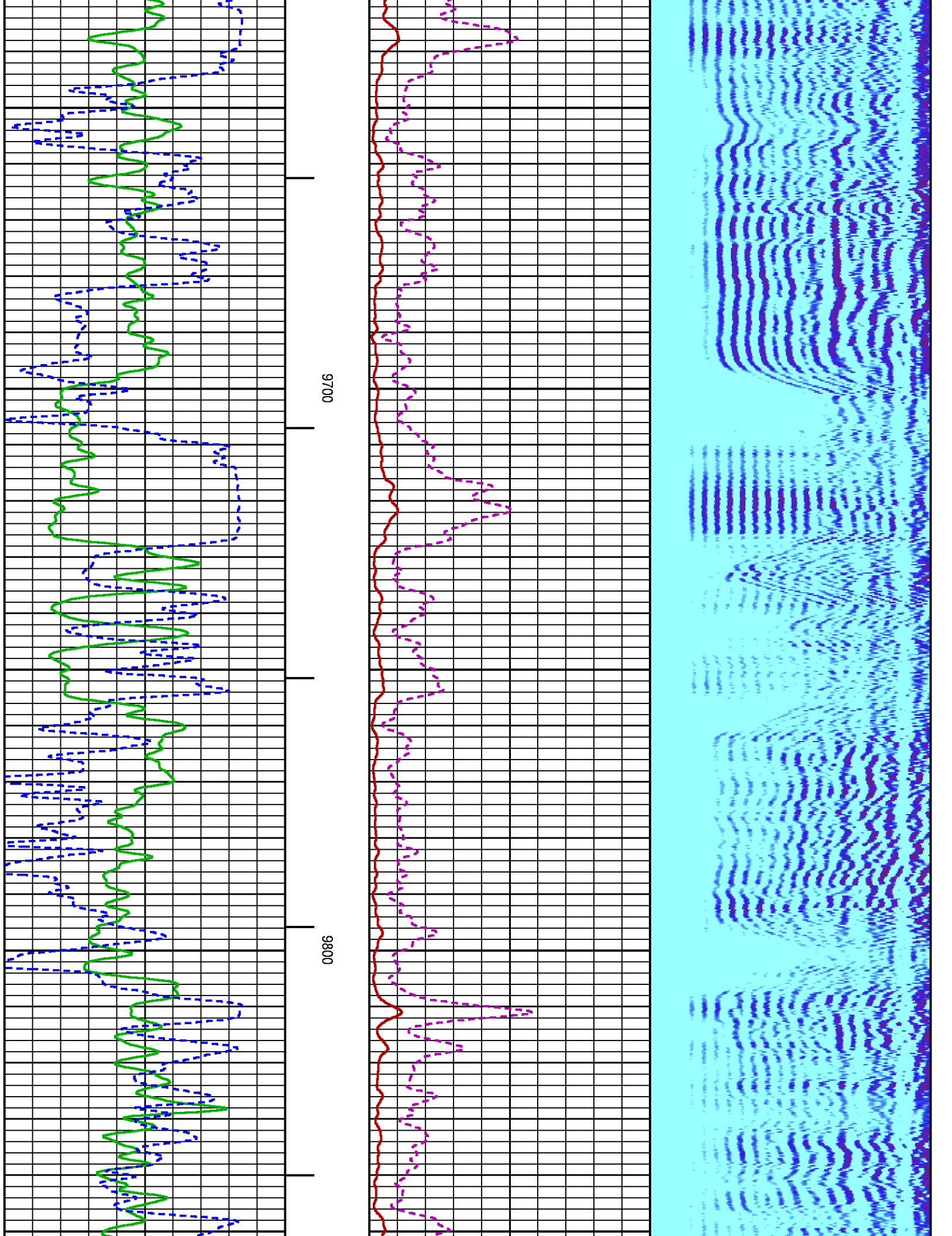


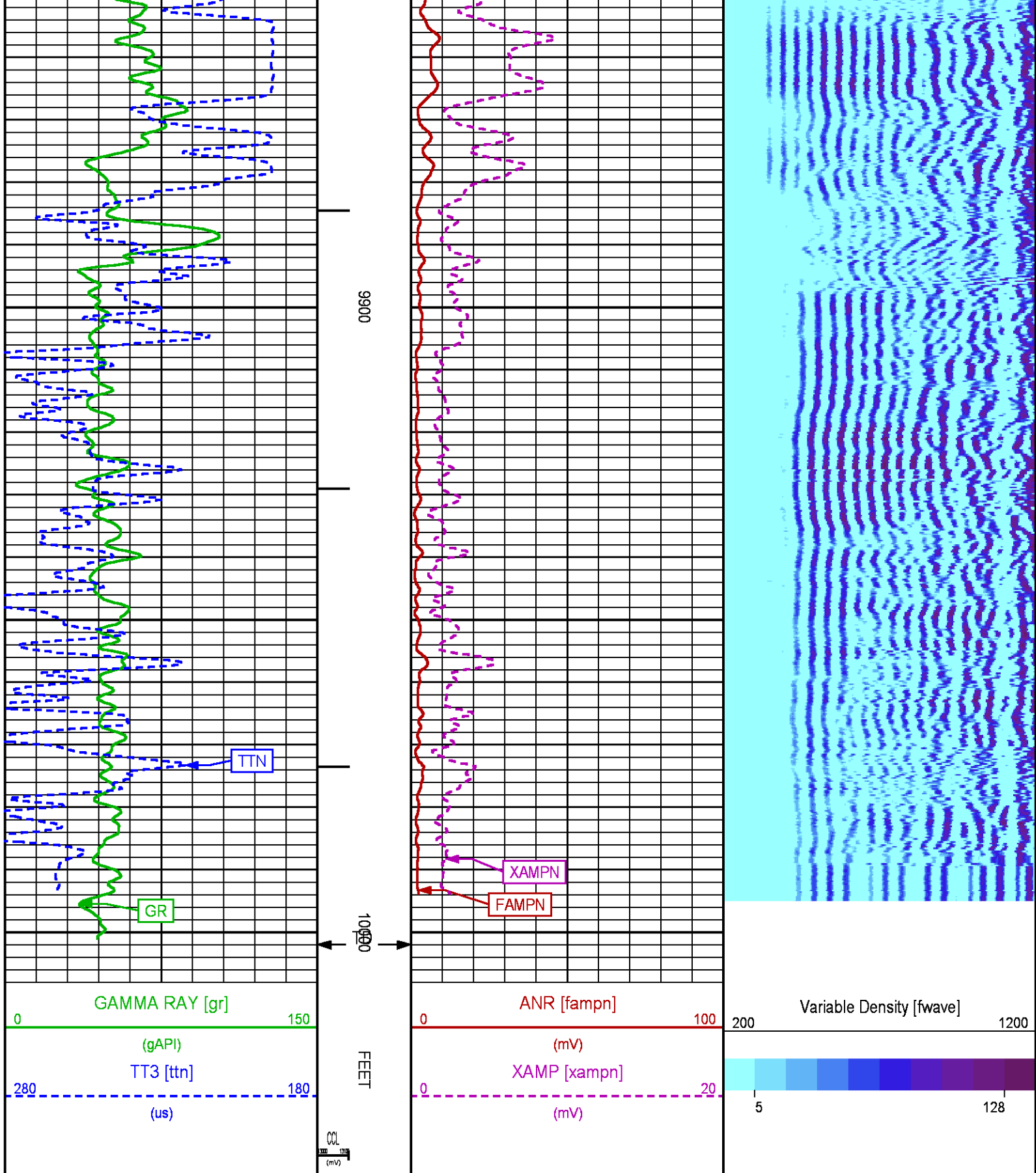












Plotted: Tue Feb 10 13:06:05 2015

PARAMETER AND FILTER SUMMARY REPORT					
FILE: /dat1a/CH094745/n012e02.prm LOGGING MODE: DEPTH DIRECTION: UP TOP DEPTH: 40.750 ft BOTTOM DEPTH: 10018.475 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*)	186	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	186	us	"	"
	AMP WINDOW START (fgp3*)	186	us	"	"
	AMP WINDOW START (fgp4*)	186	us	"	"
	AMP WINDOW START (fgp5*)	186	us	"	"
	AMP WINDOW START (fgp6*)	186	us	"	"
	AMP WINDOW START (fgp7*)	186	us	"	"
	AMP WINDOW START (fgp8*)	186	us	"	"
	AMP WINDOW START (fgpn*)	186	us	"	"
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	177	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*)	-71	us	"	"
	TOOL DELAY (str2*)	-71	us	"	"
	TOOL DELAY (str3*)	-71	us	"	"
	TOOL DELAY (str4*)	-71	us	"	"
	TOOL DELAY (str5*)	-71	us	"	"
	TOOL DELAY (str6*)	-71	us	"	"
	TOOL DELAY (str7*)	-71	us	"	"
	TOOL DELAY (str8*)	-71	us	"	"
BASELINE NOISE (NEAR)	TOOL DELAY (strn*)	-71	us	"	"
	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	80	mV	TOP	BOTTOM
	FREE AMP REC 2	80	mV	"	"
	FREE AMP REC 3	80	mV	"	"
	FREE AMP REC 4	80	mV	"	"
	FREE AMP REC 5	80	mV	"	"
	FREE AMP REC 6	80	mV	"	"
	FREE AMP REC 7	80	mV	"	"
	FREE AMP REC 8	80	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

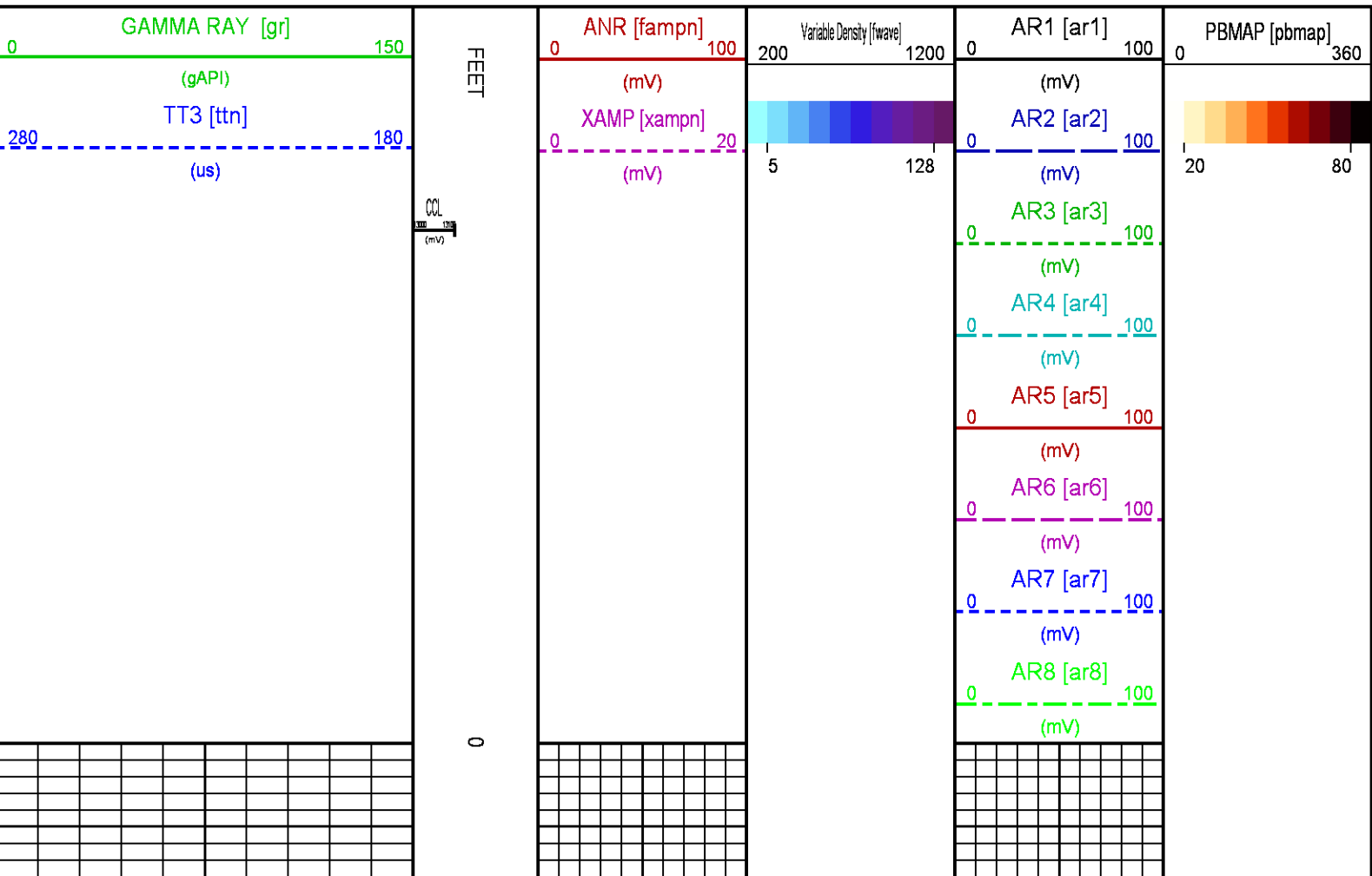
F1:AR1	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	Feb 10 09:07:32 2015	CASING COLLAR LOCATOR
F1:FAMPN	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Feb 10 09:07:32 2015	FAR WAVE FORM
F1:GR	Feb 10 09:07:32 2015	GAMMA RAY
F1:PBMAP	Feb 10 09:07:32 2015	PERCENT BOND CEMENT MAP
F1:TTN	Feb 10 09:07:32 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Feb 10 09:07:32 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

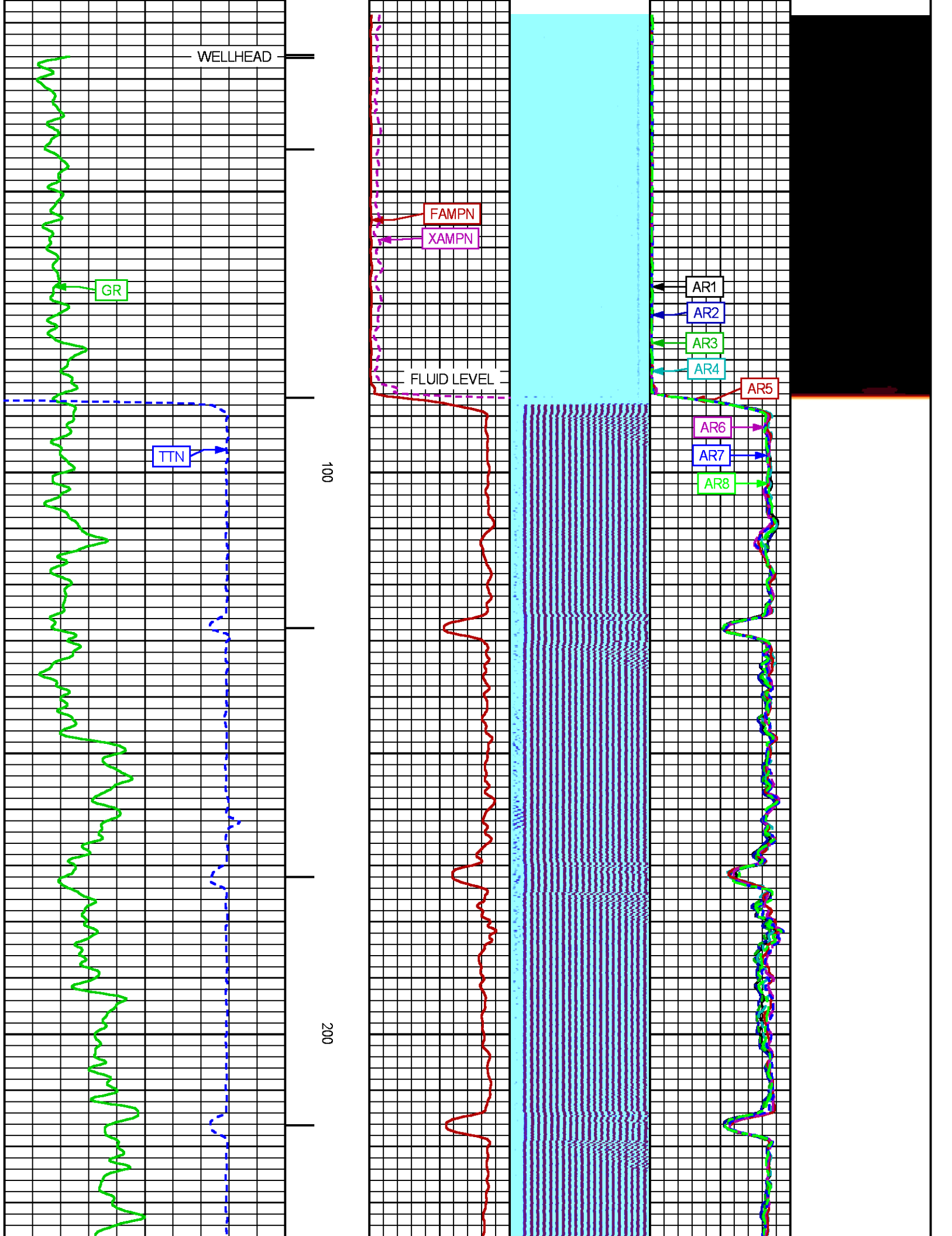
CURVE MEASURE POINT OFFSET

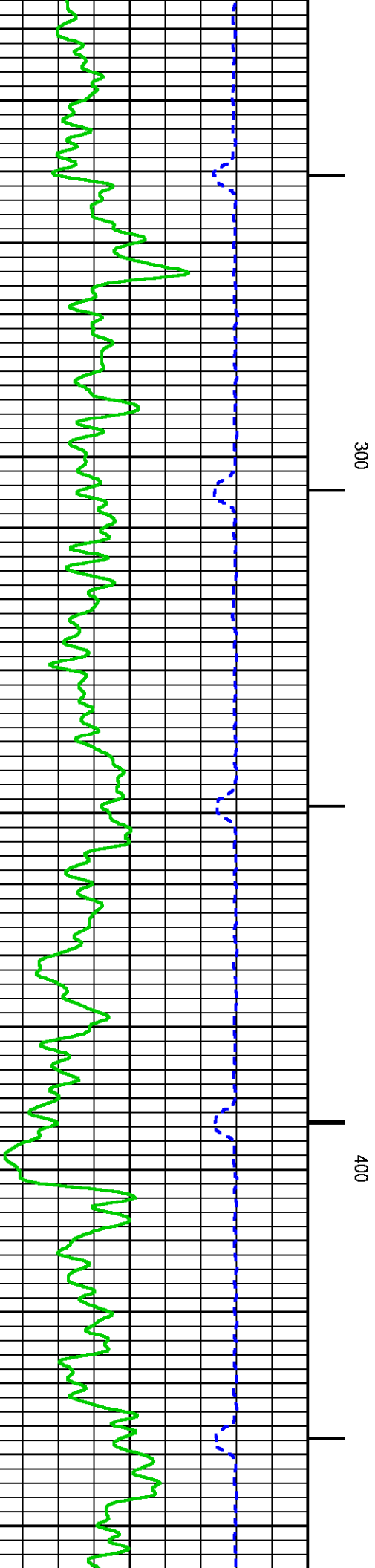
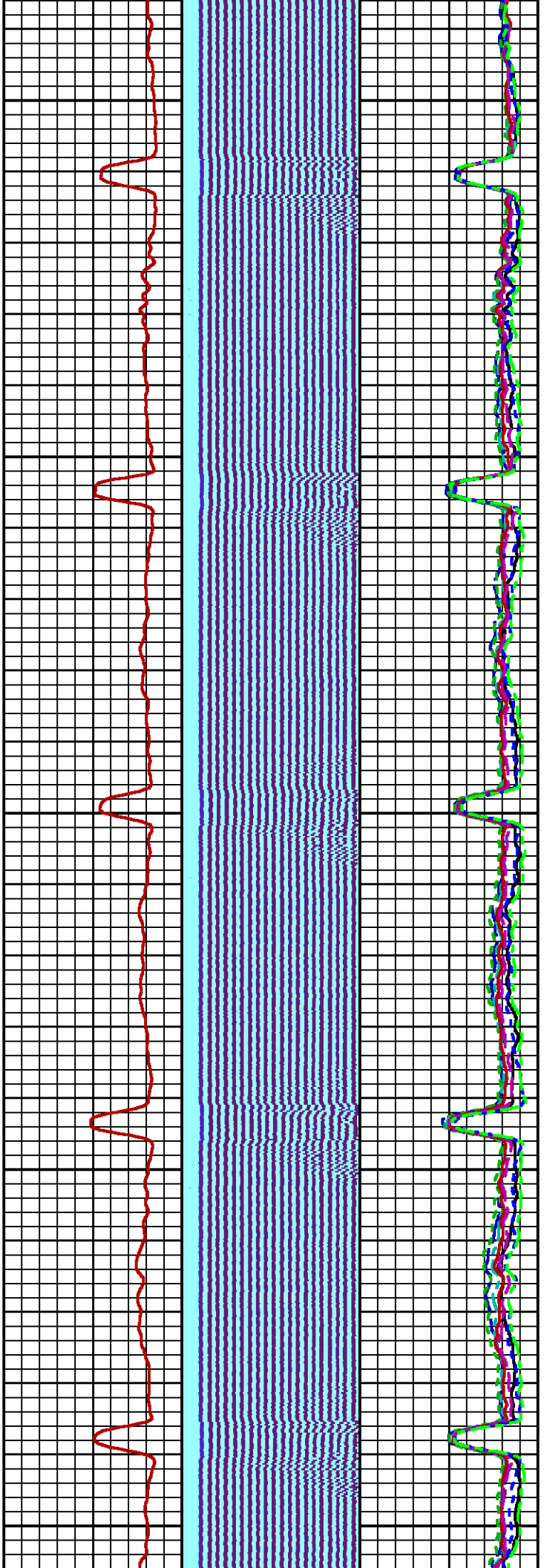
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	13.75	AR5	13.75	CCL	8.50	XAMPN	13.75
AR2	13.75	AR6	13.75	FAMPN	13.75		
AR3	13.75	AR7	13.75	GR	6.50		
AR4	13.75	AR8	13.75	TTN	13.75		

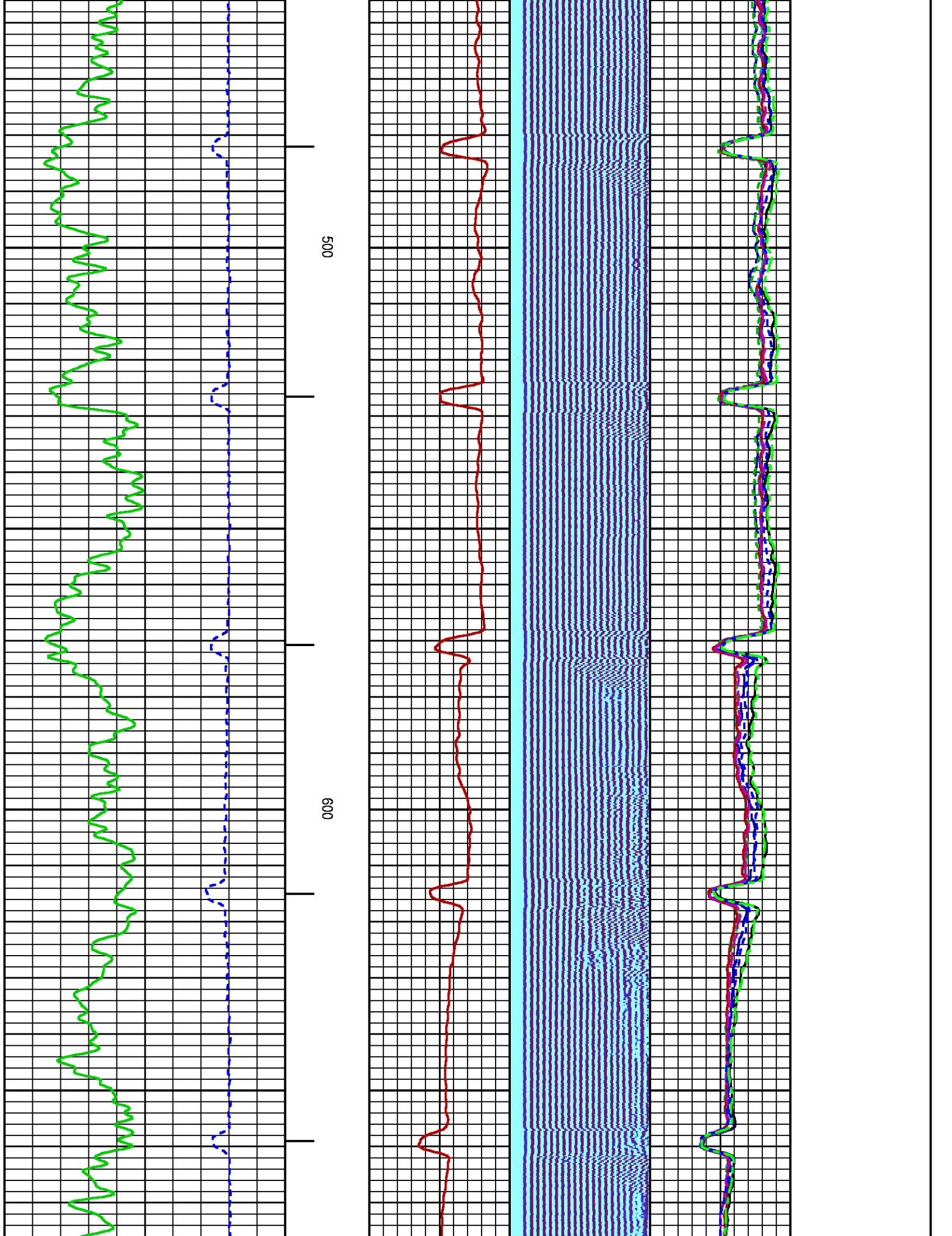
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Plot Interval : 0 - 10007 Feet

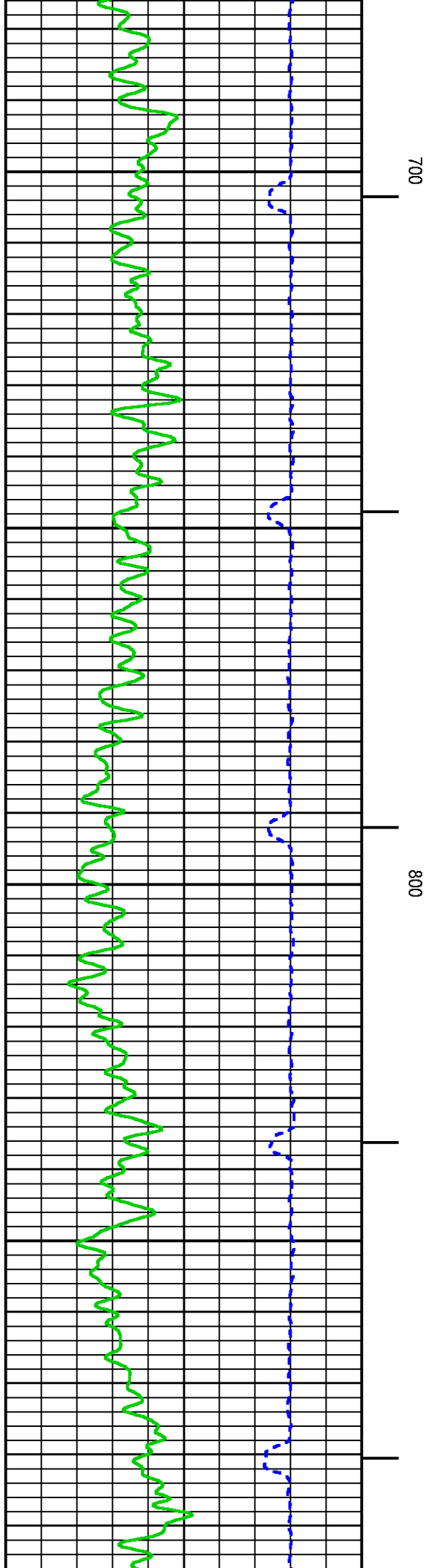
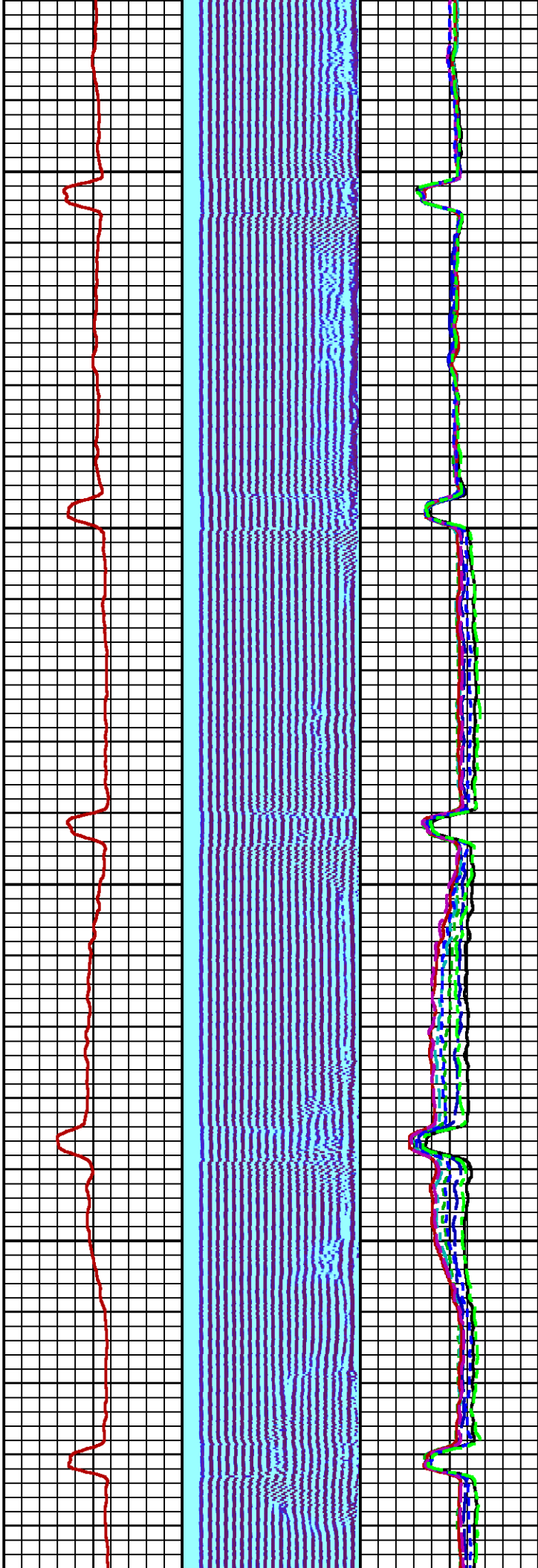
Data File 1 : F1 : HL6670:/dat1a/CH094745/431CBL_MAIN.xtf
Created On : Feb 10 09:07:32 2015
Company : WPX ENERGY
Well : YOUNBERG RU 431-7
Field : RULISON
File Interval : 17.5 - 10008.8 Feet
OCT : n012e

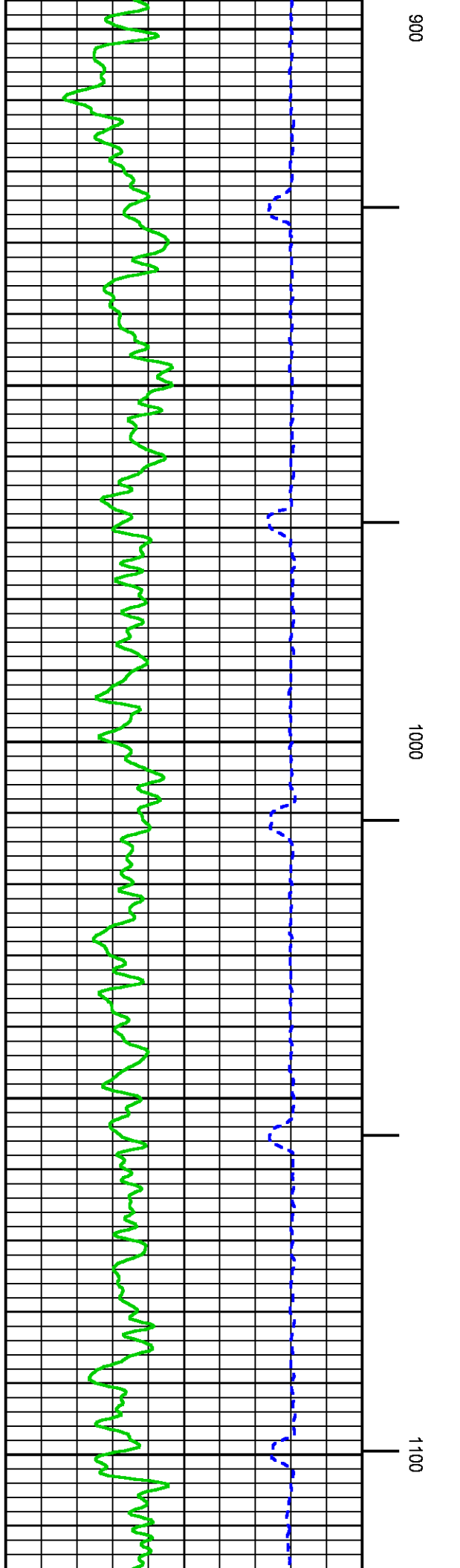
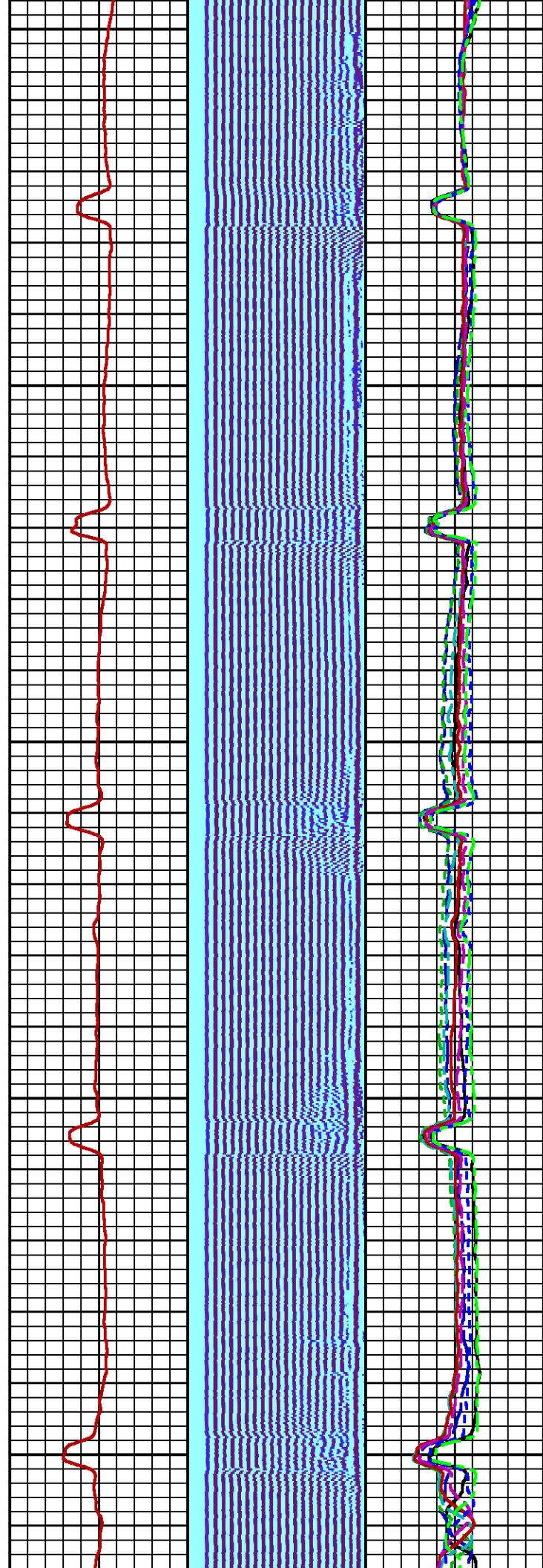
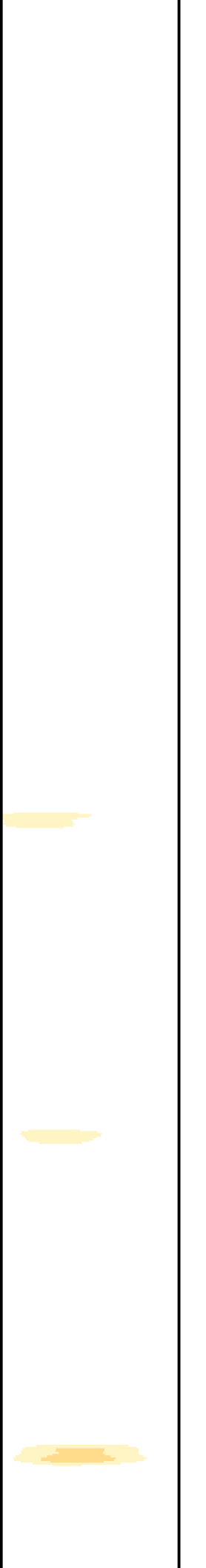


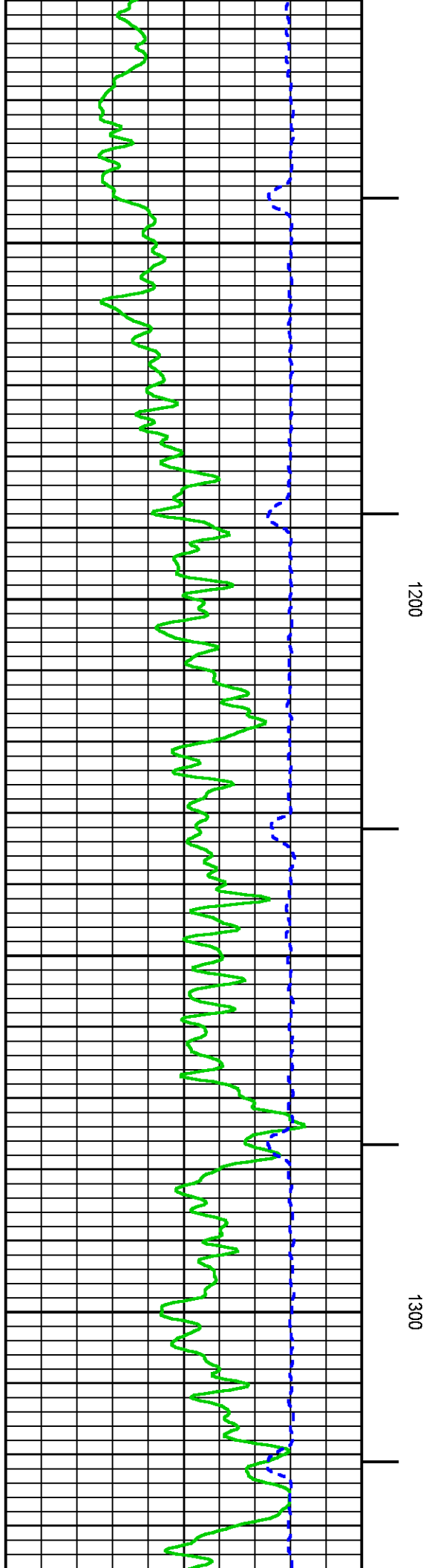
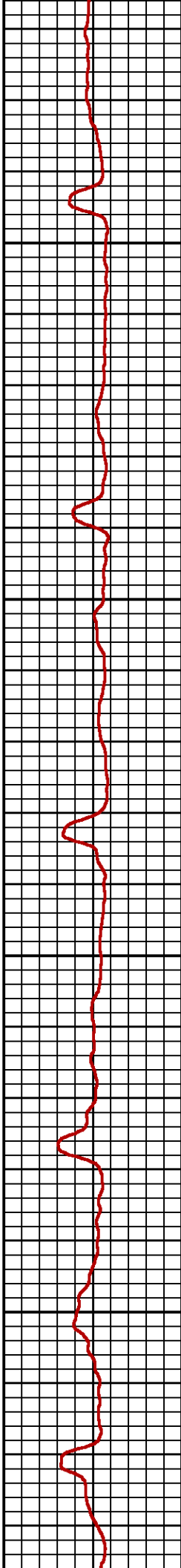
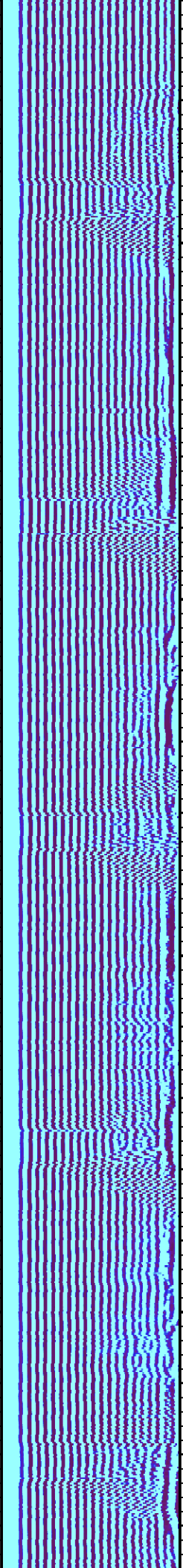
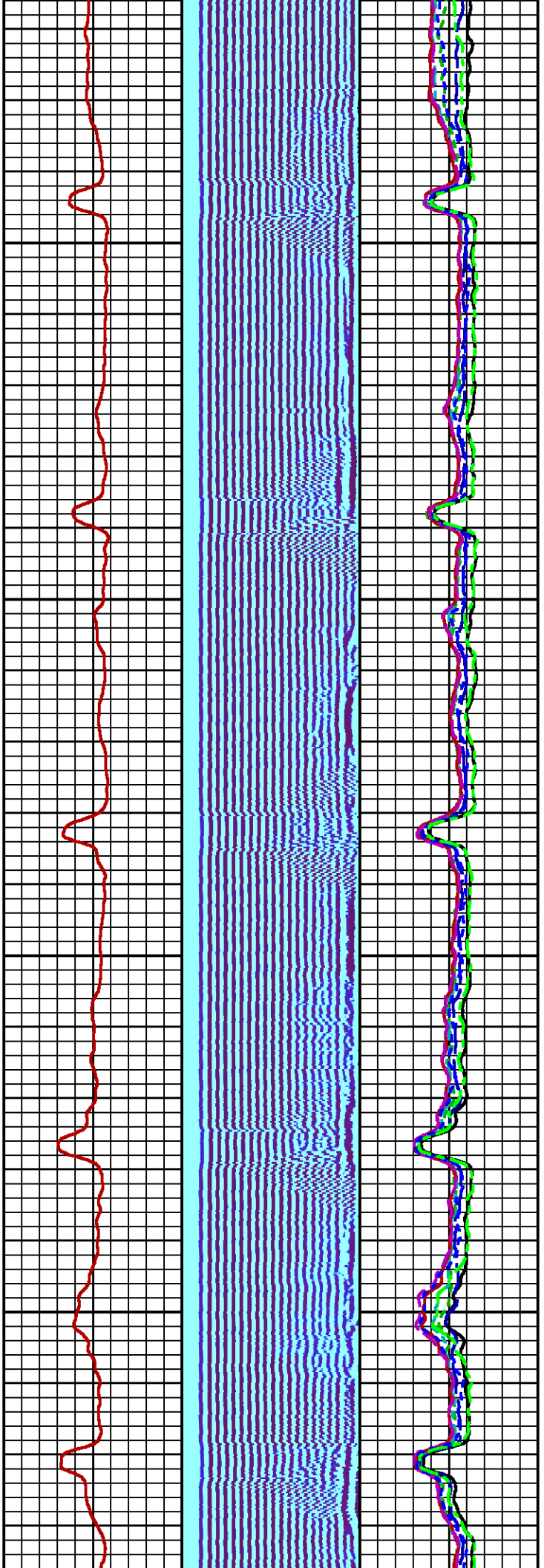
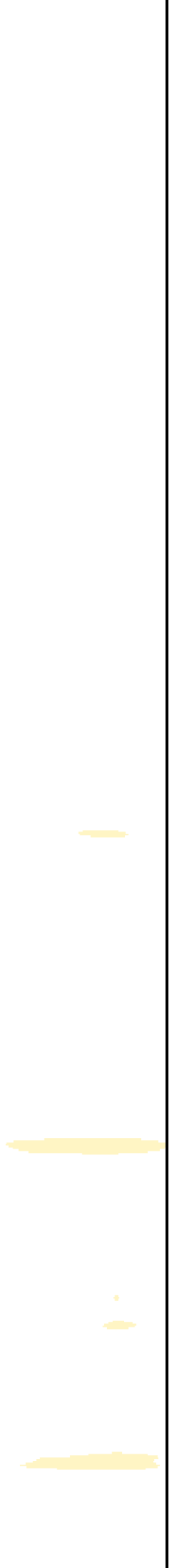


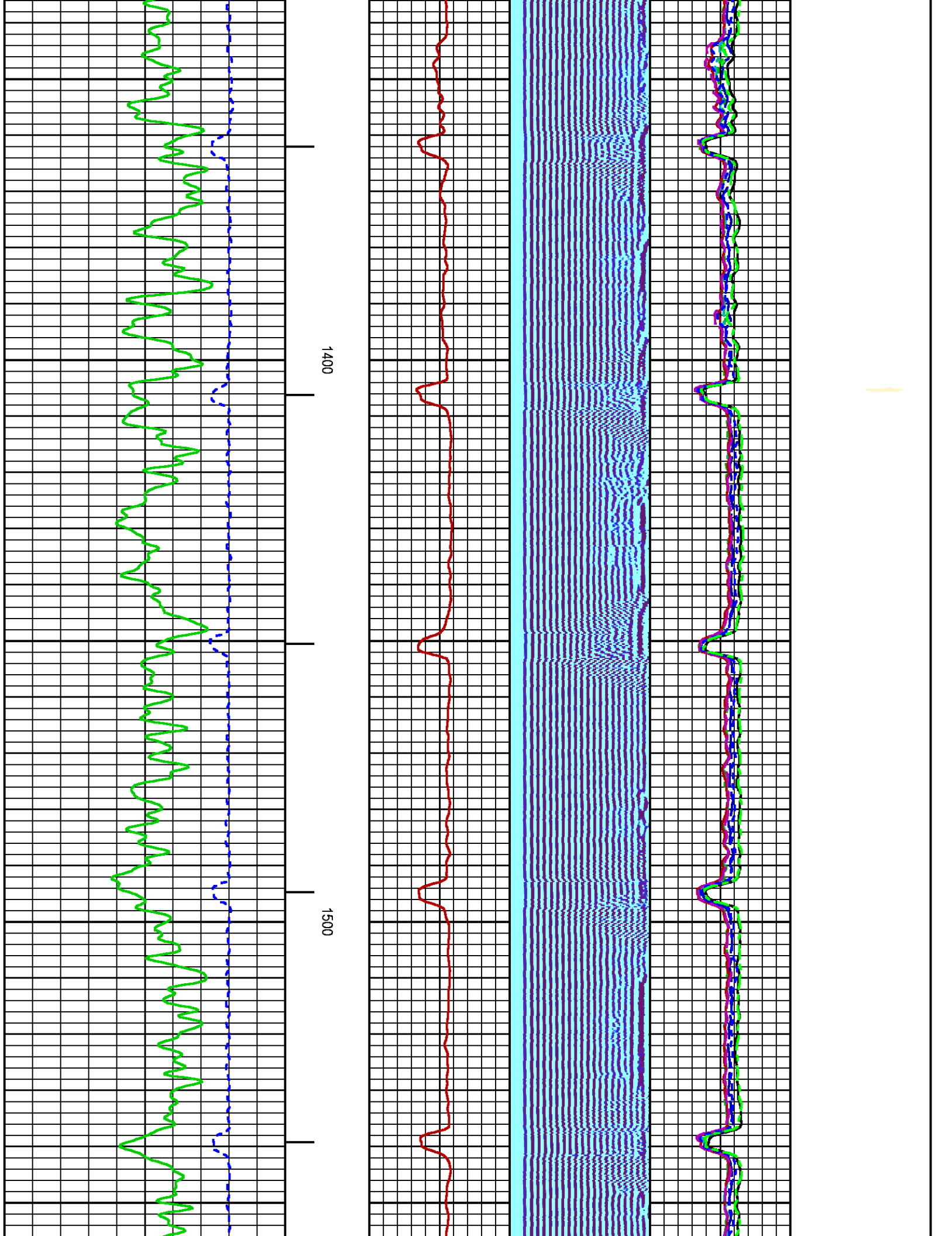


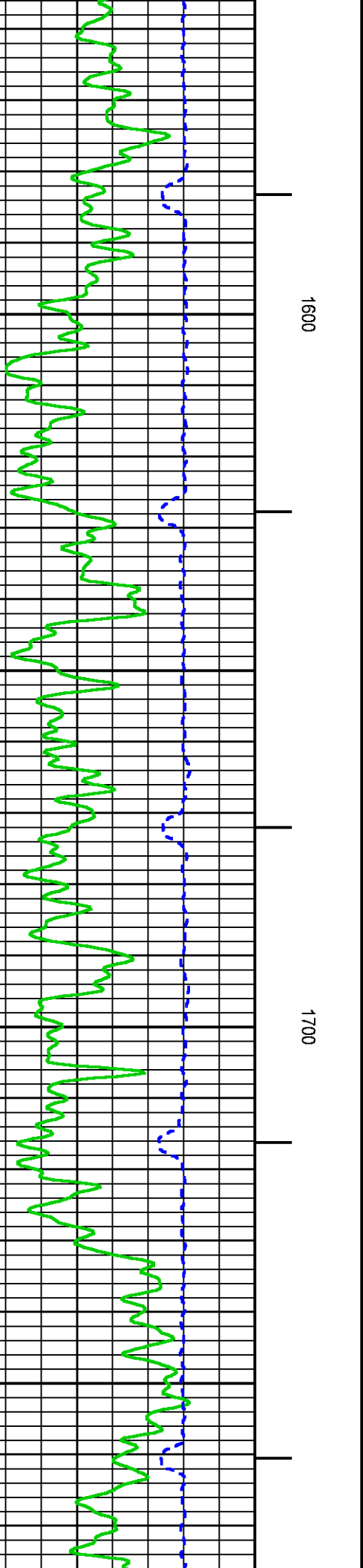
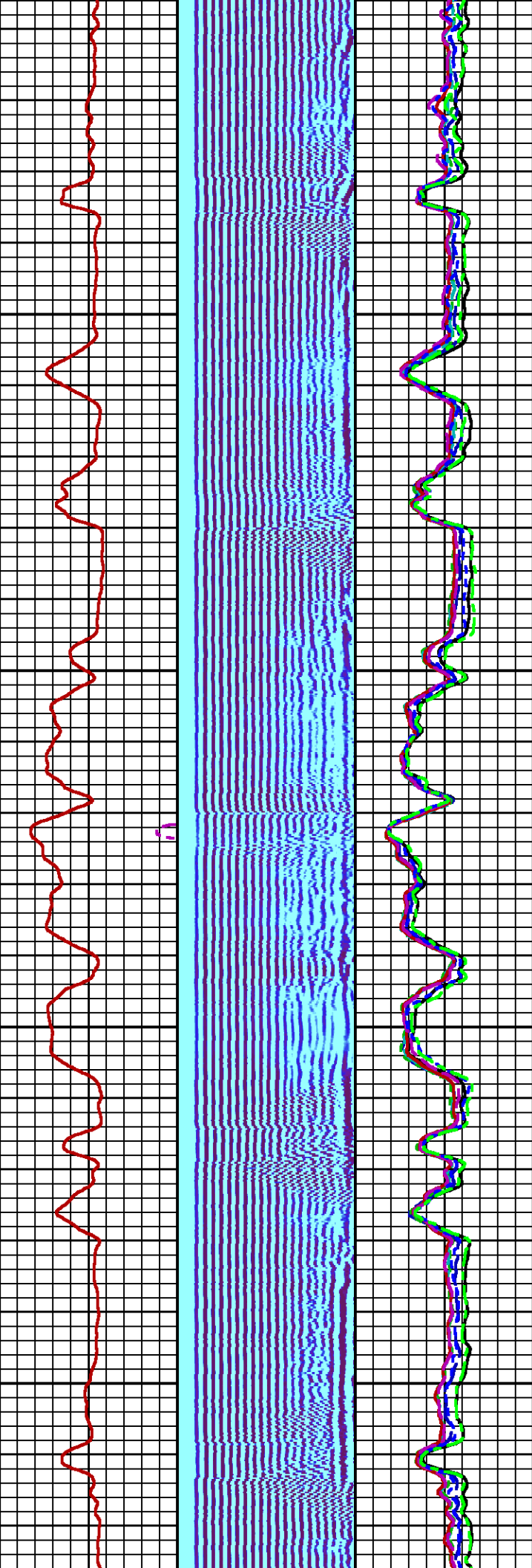


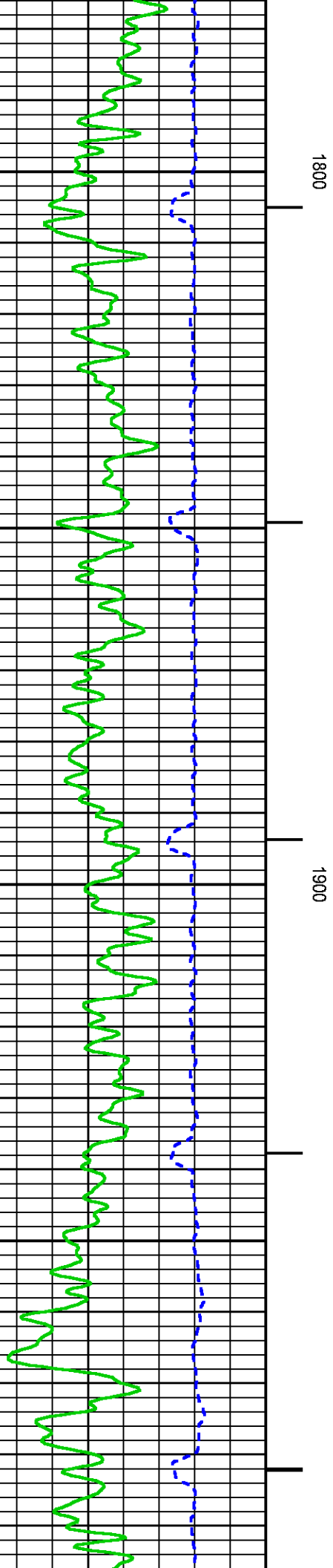
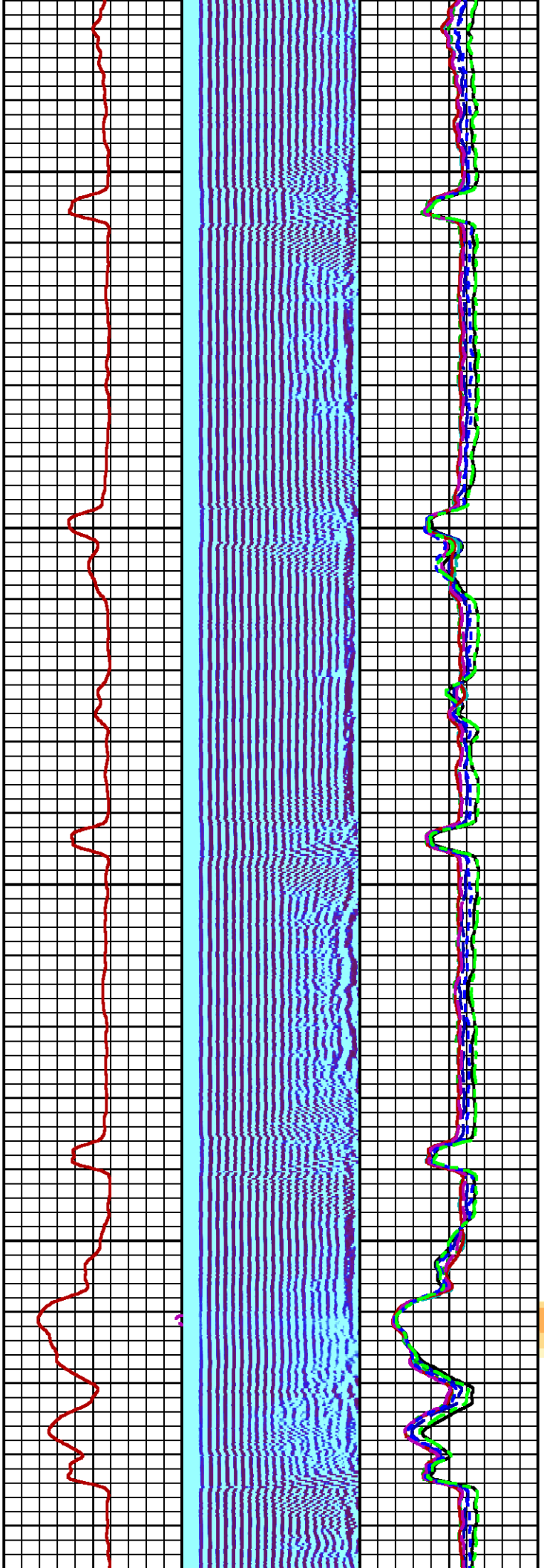
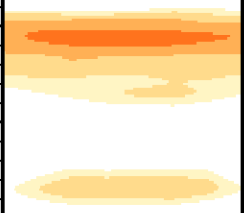


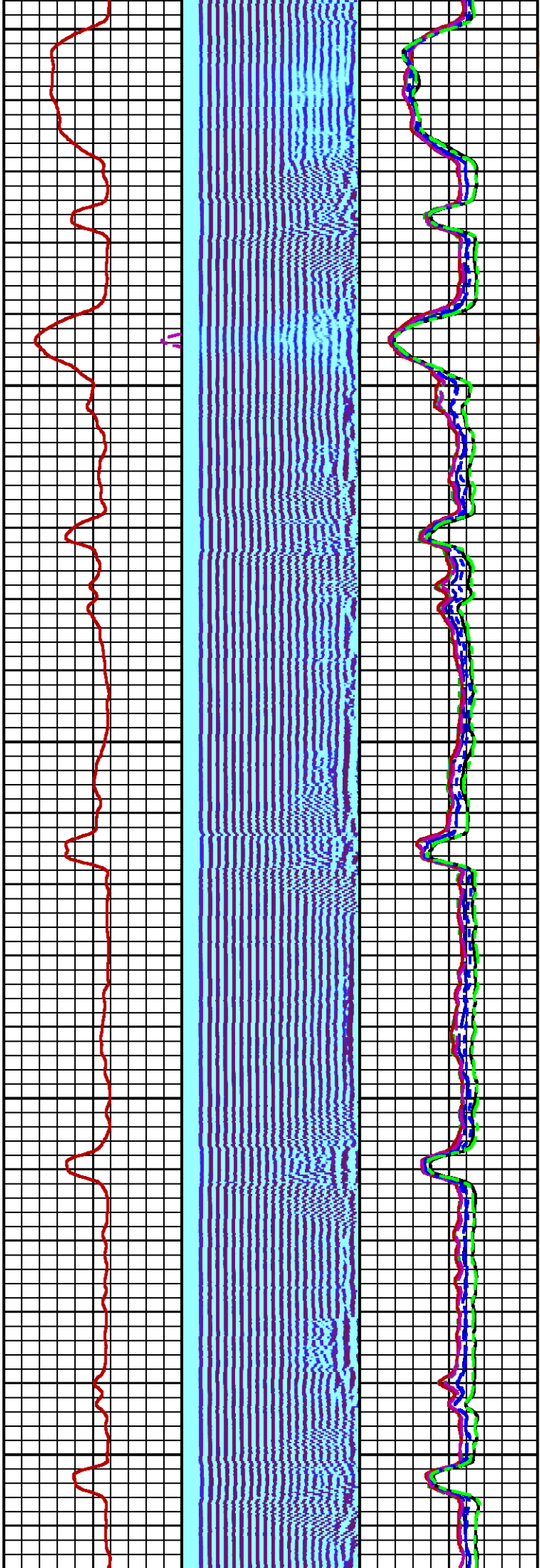
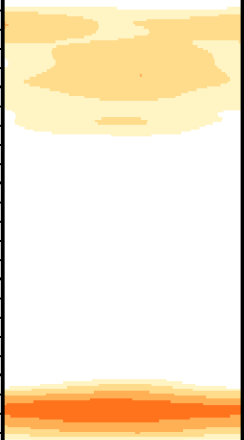








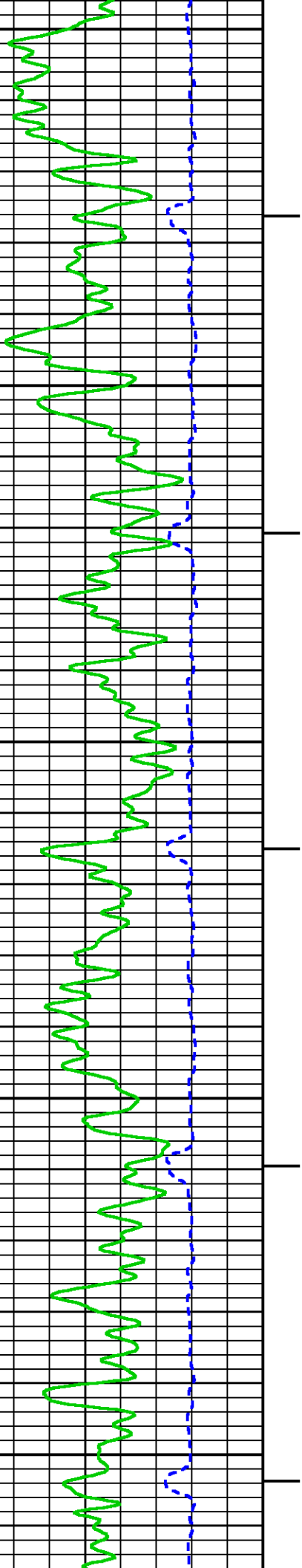


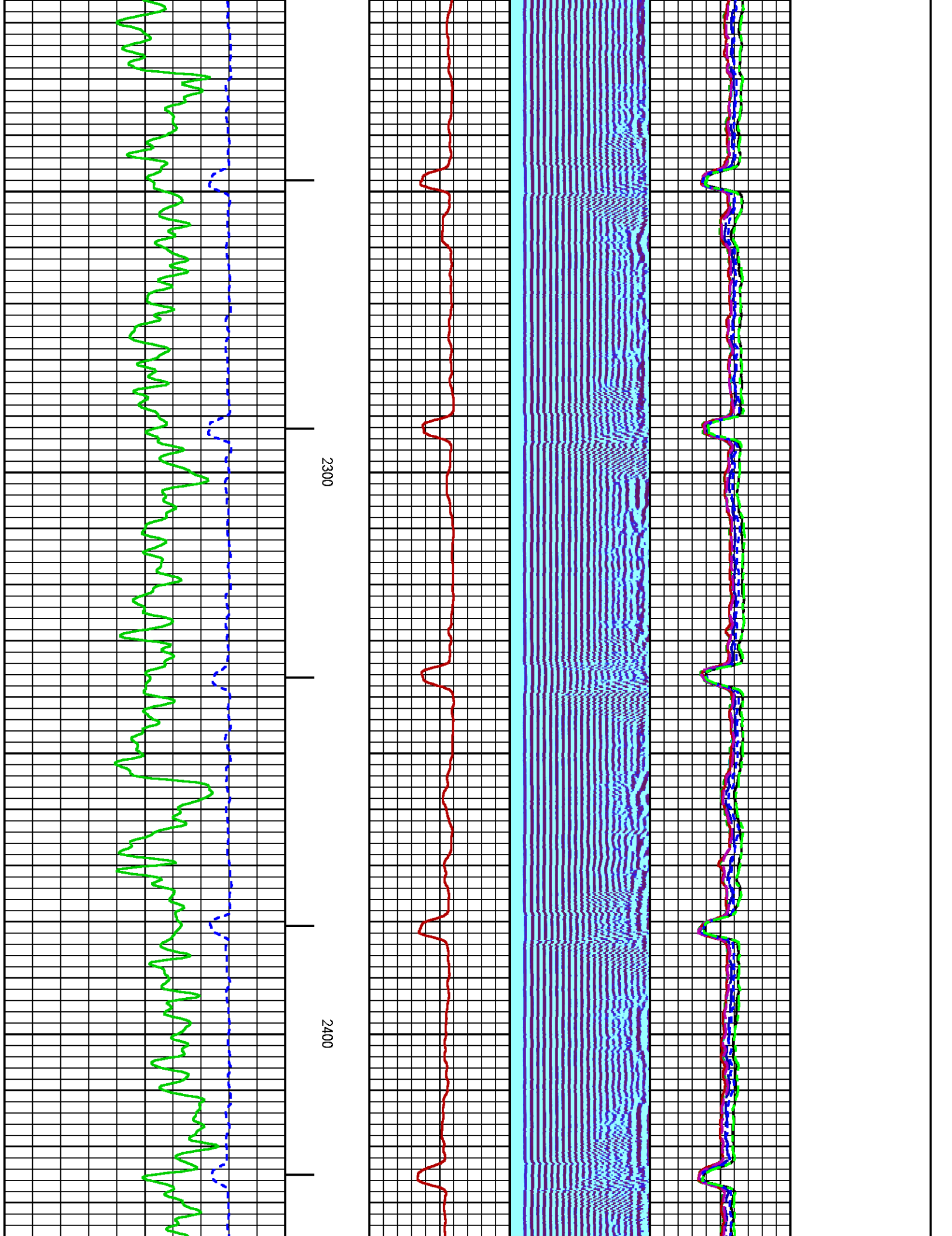


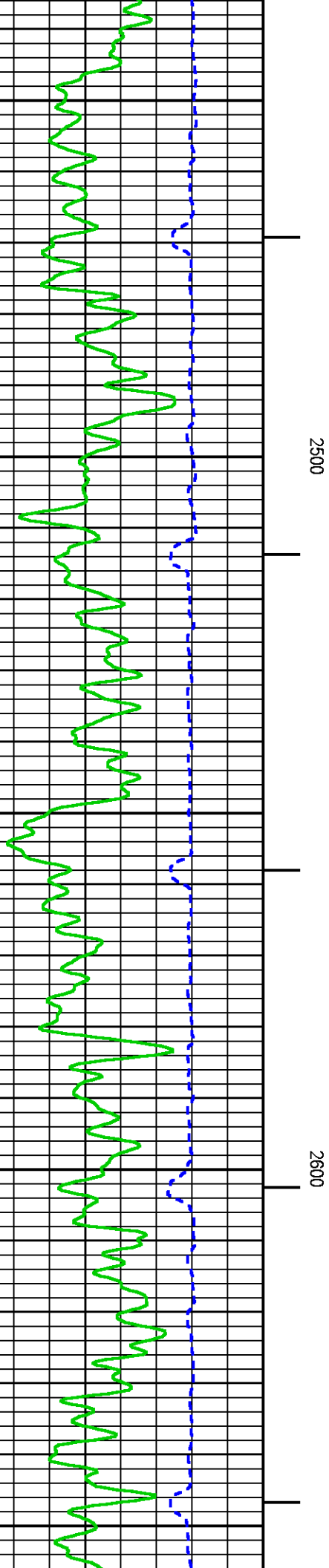
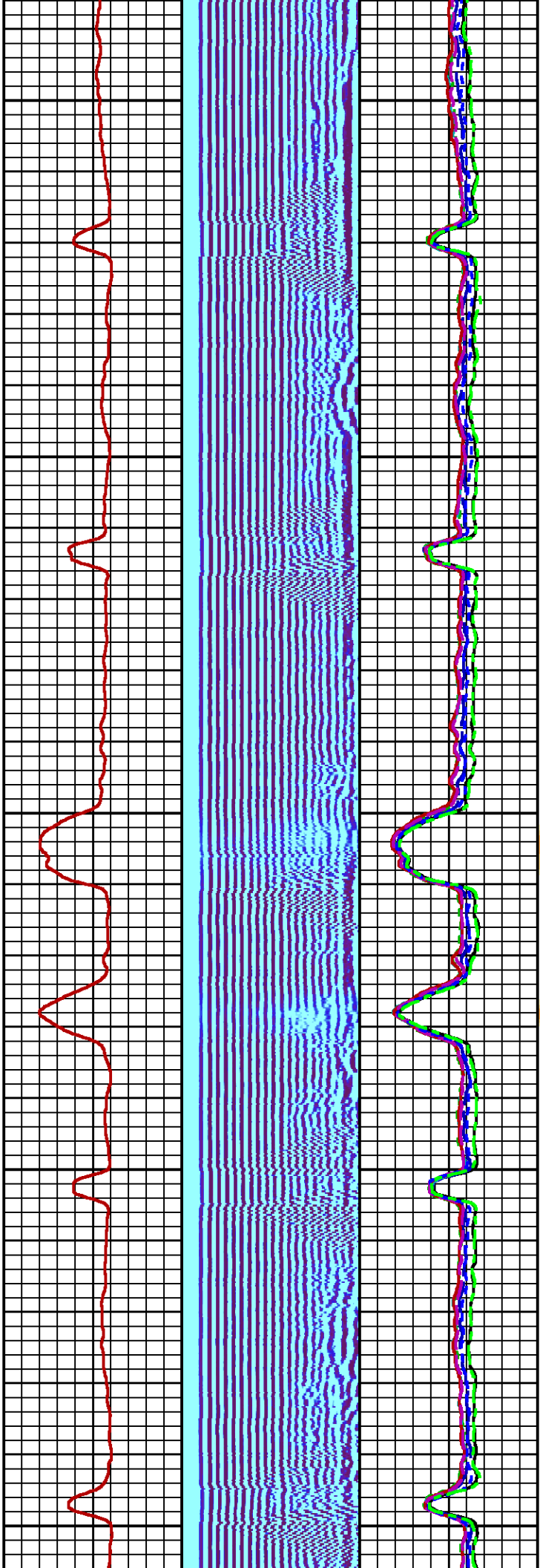
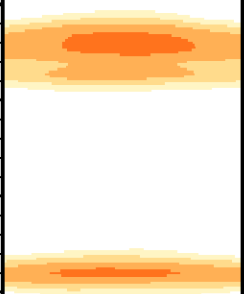
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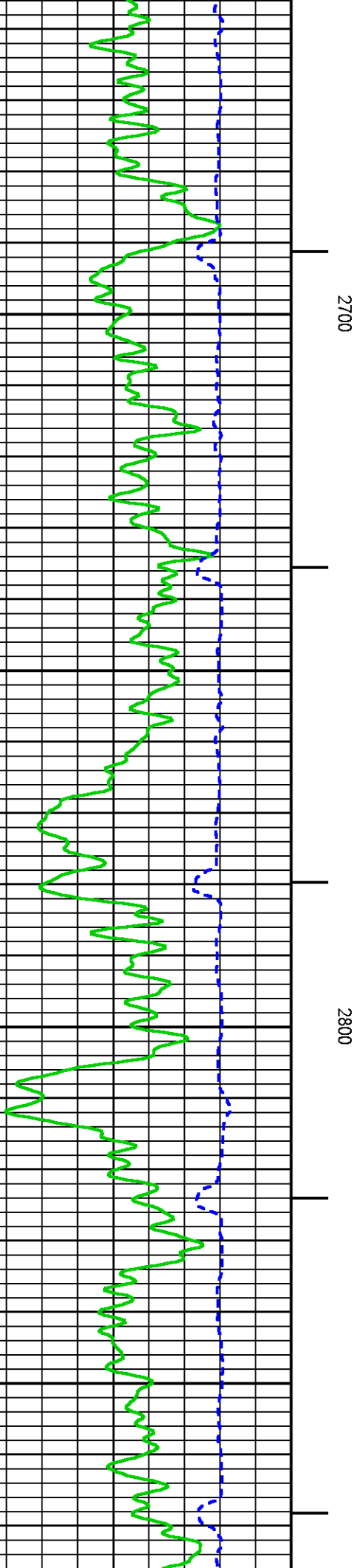
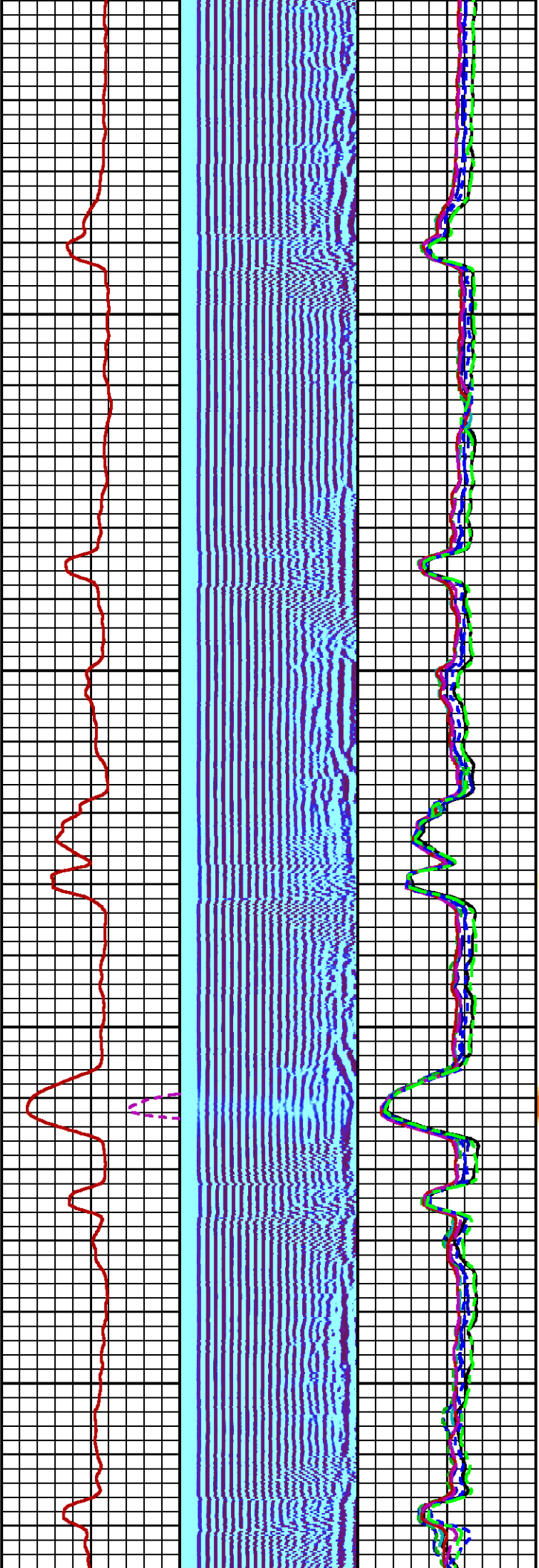
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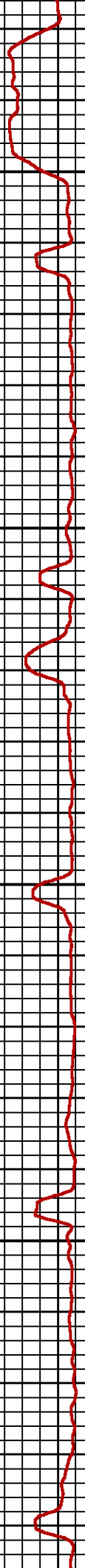
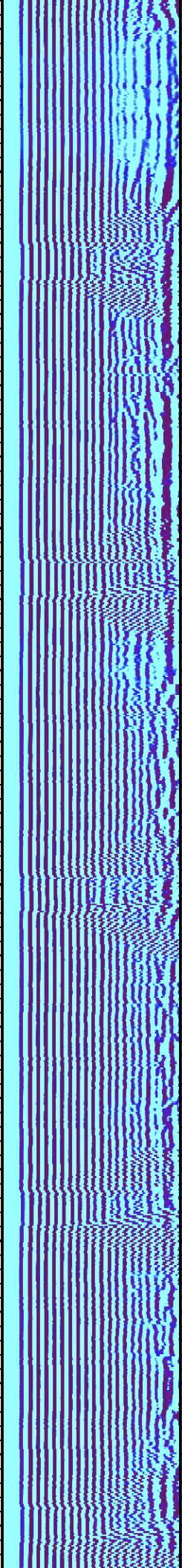
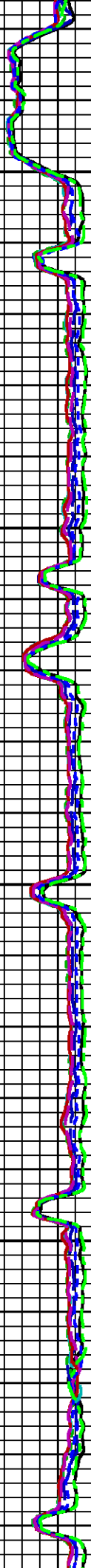
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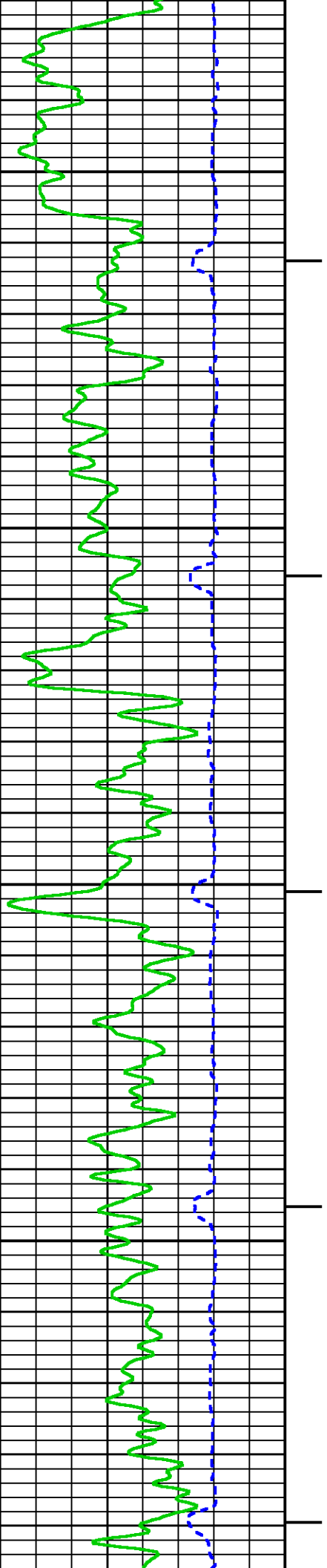


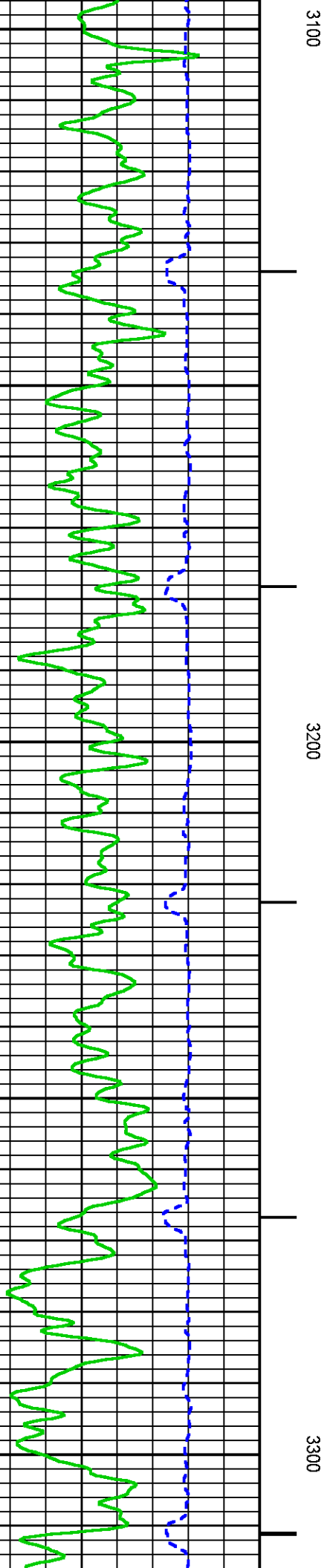
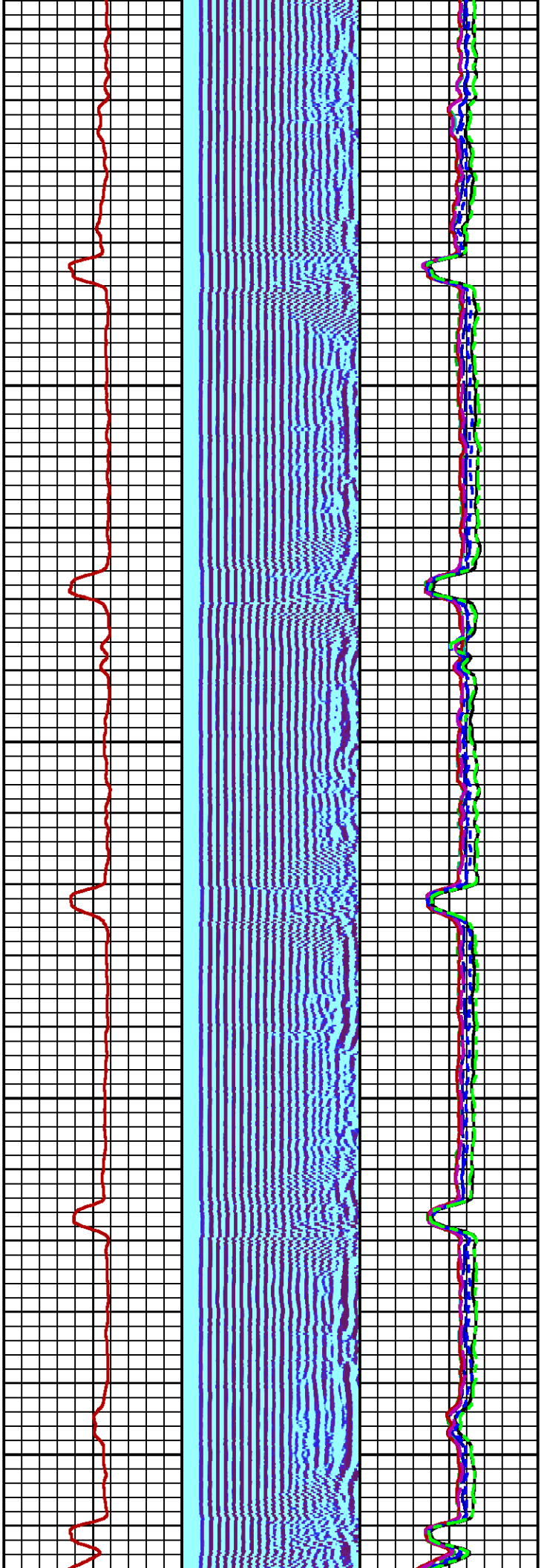


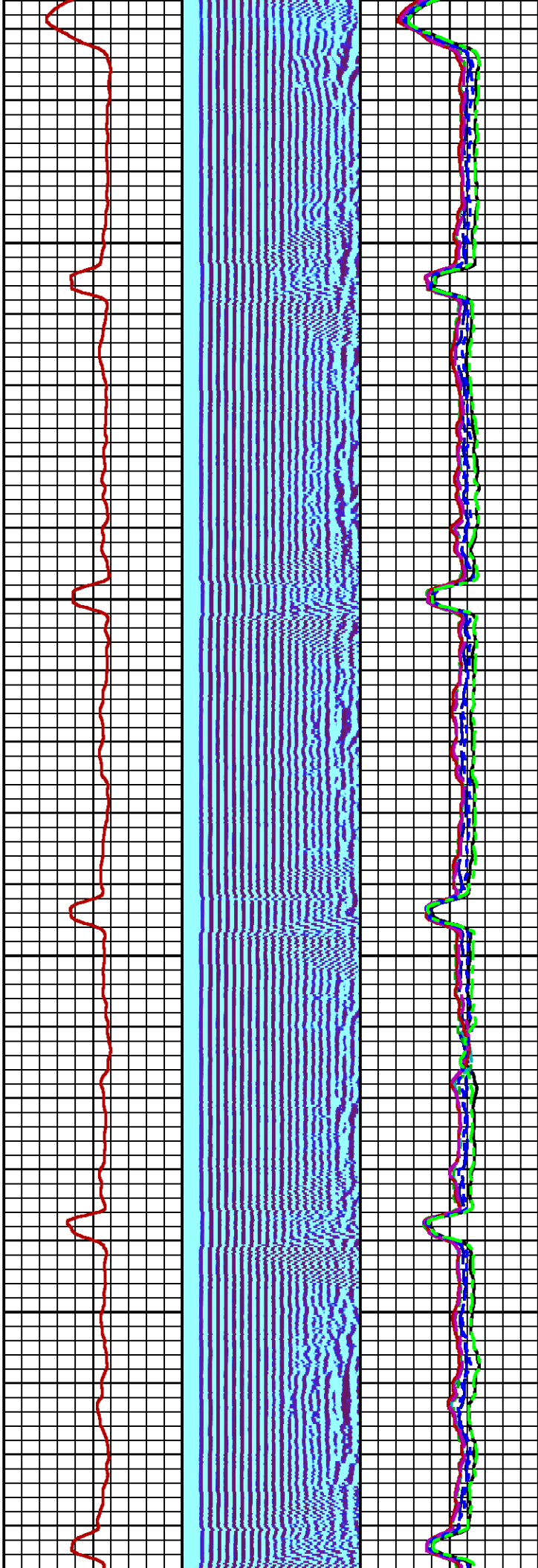


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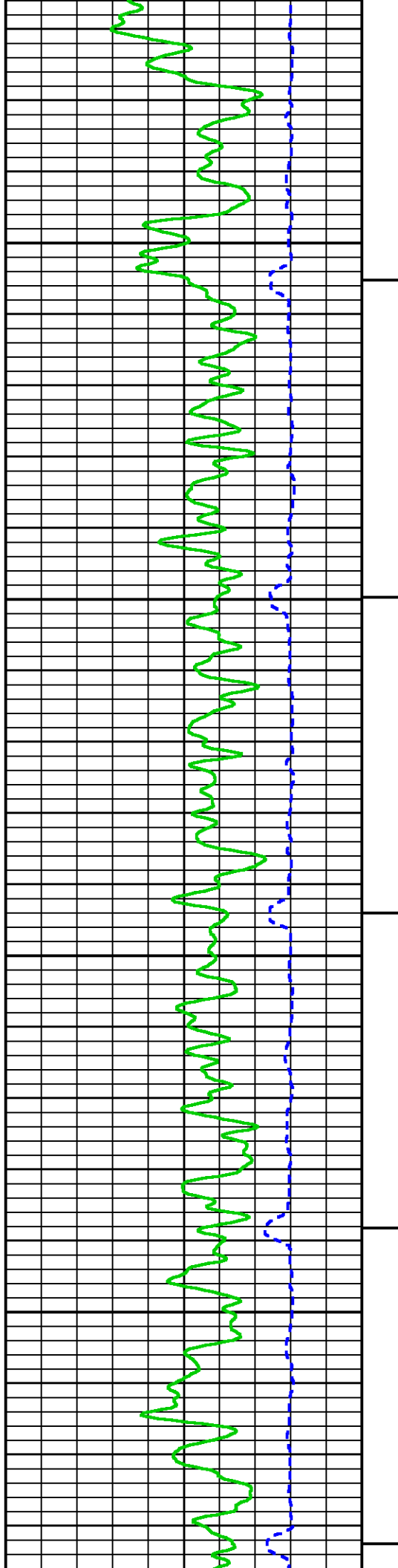


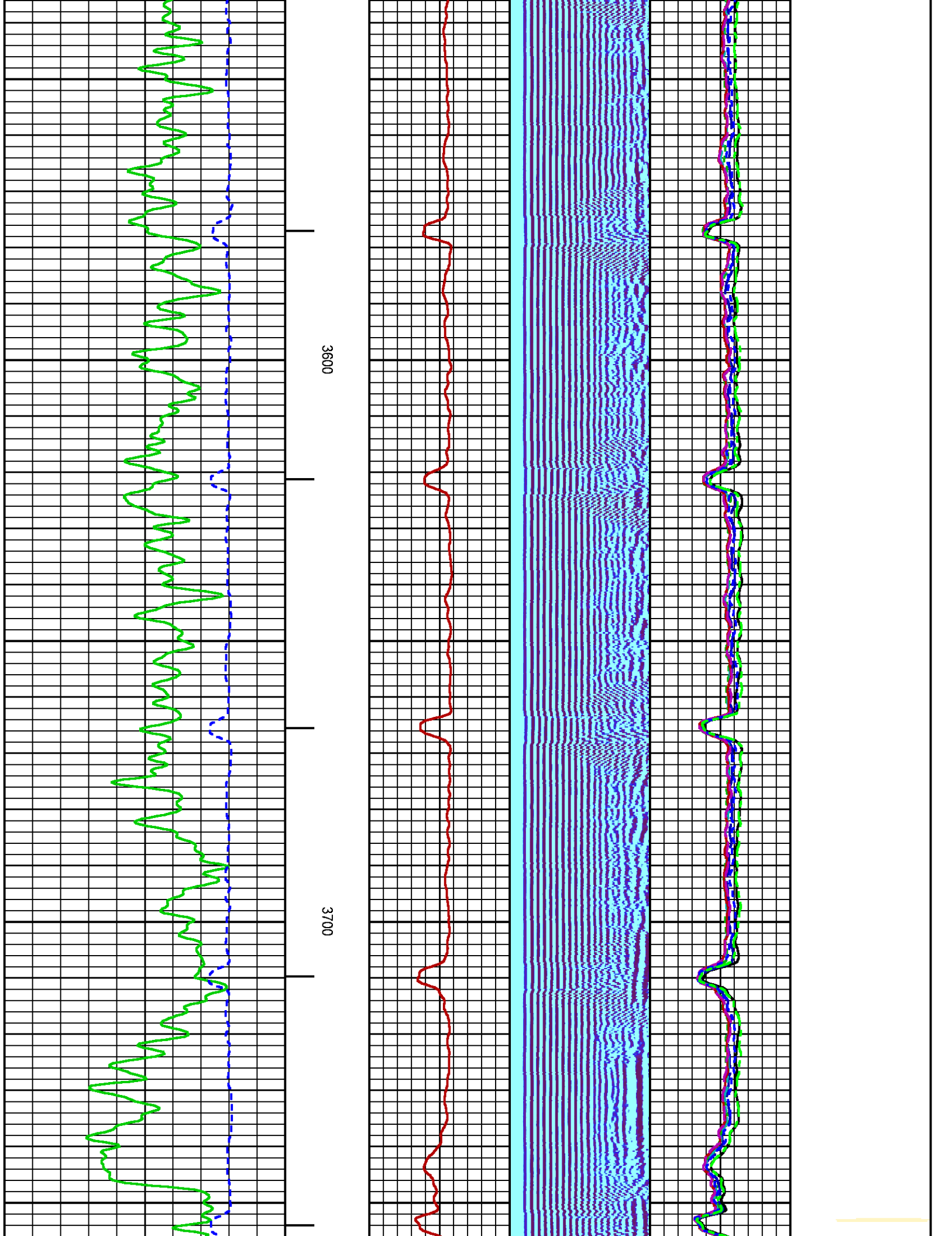




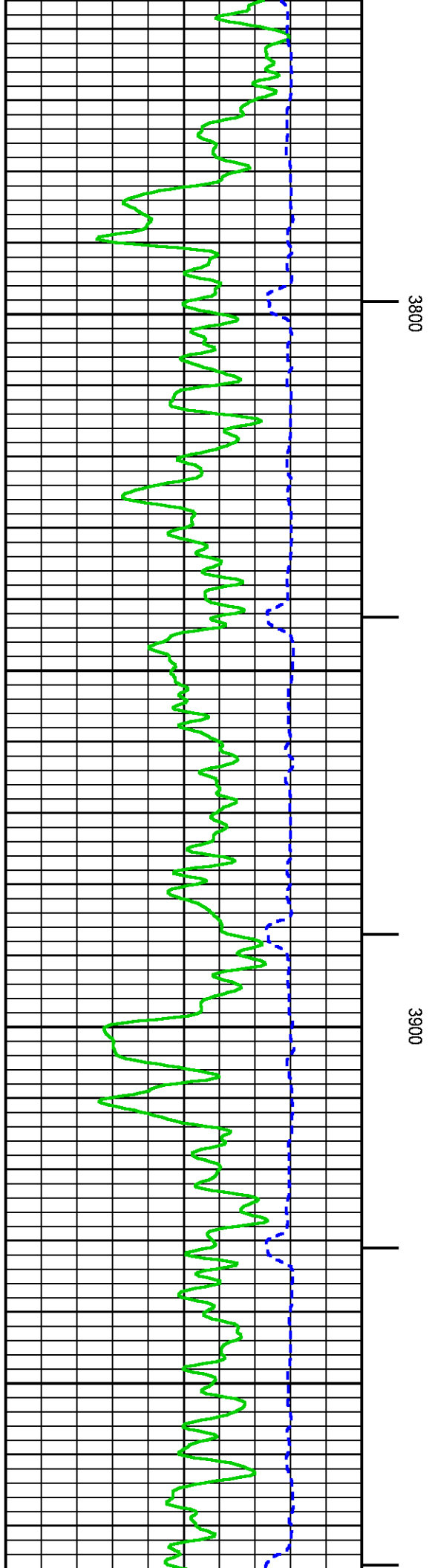
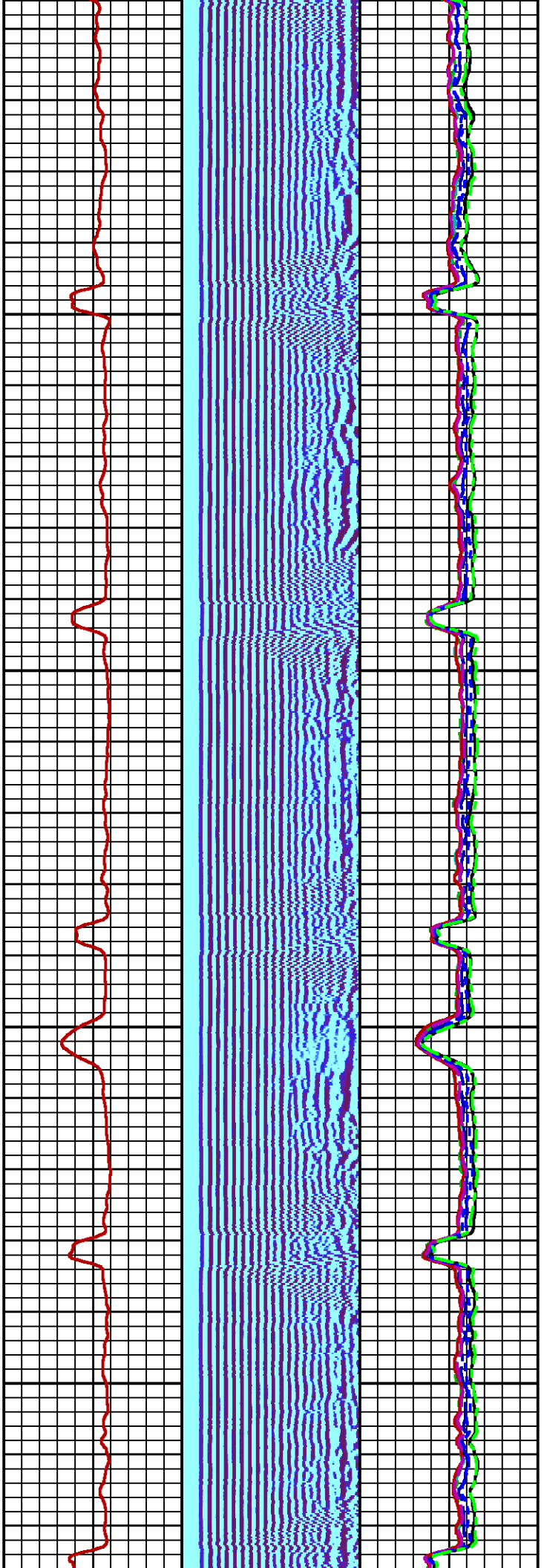
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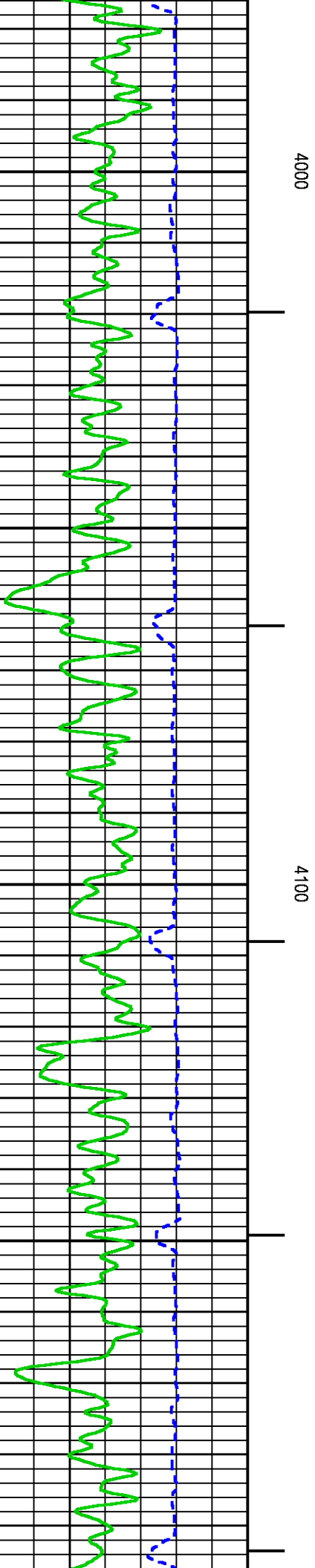
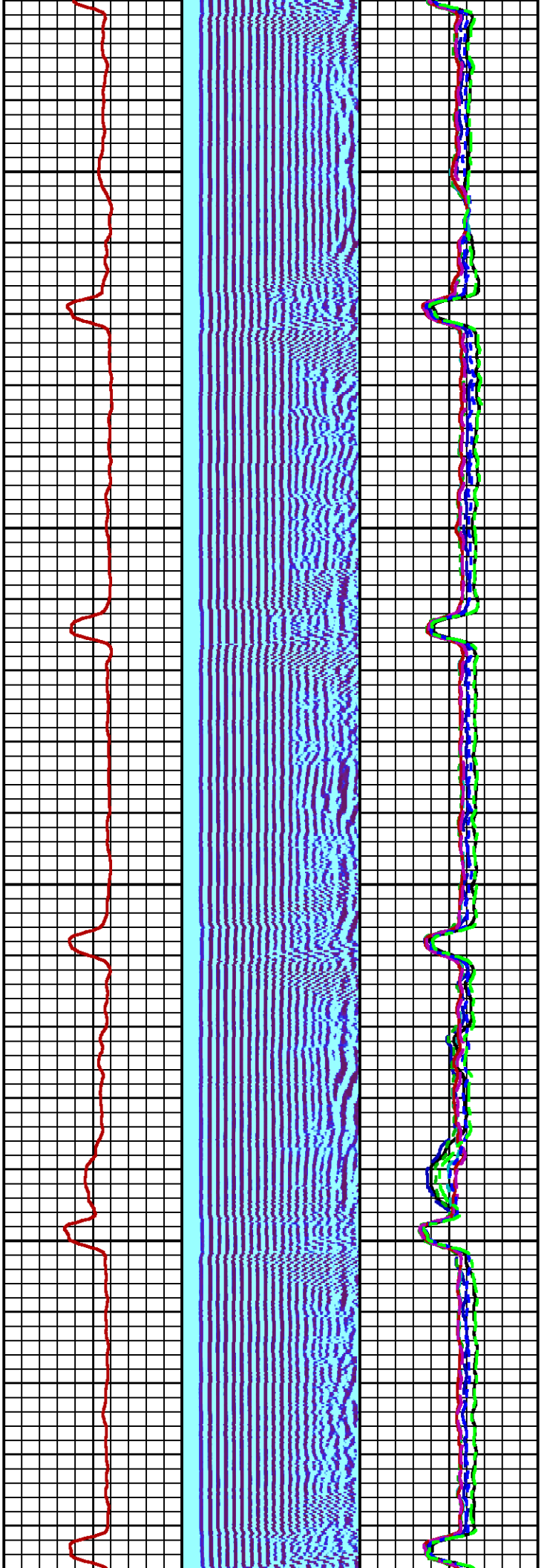
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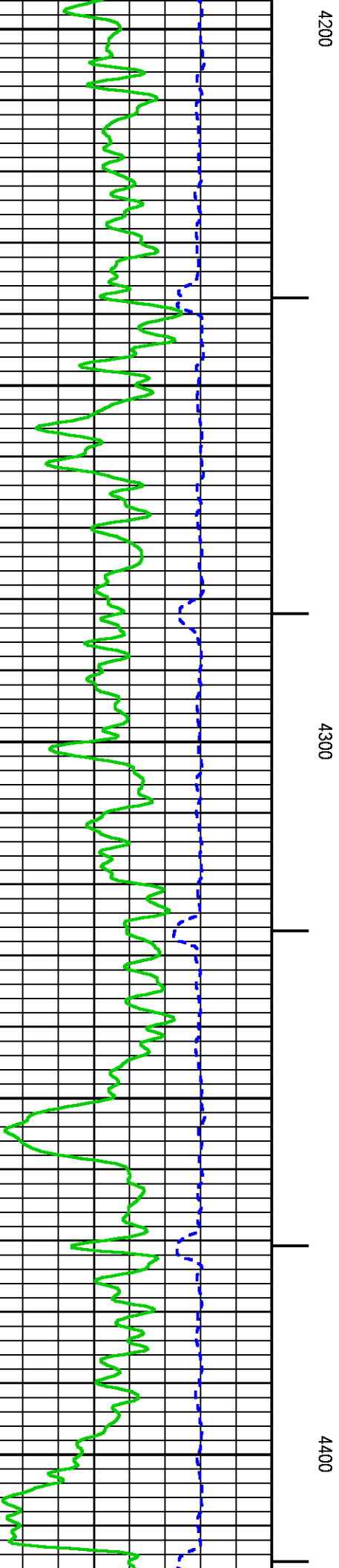
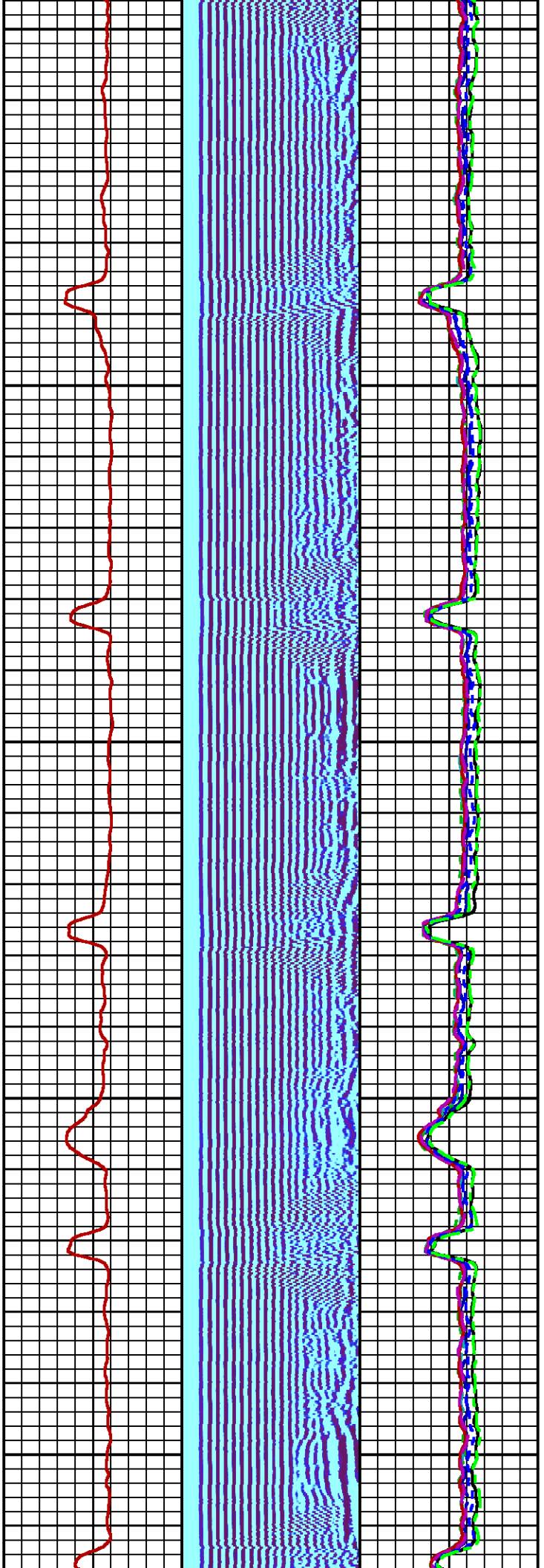


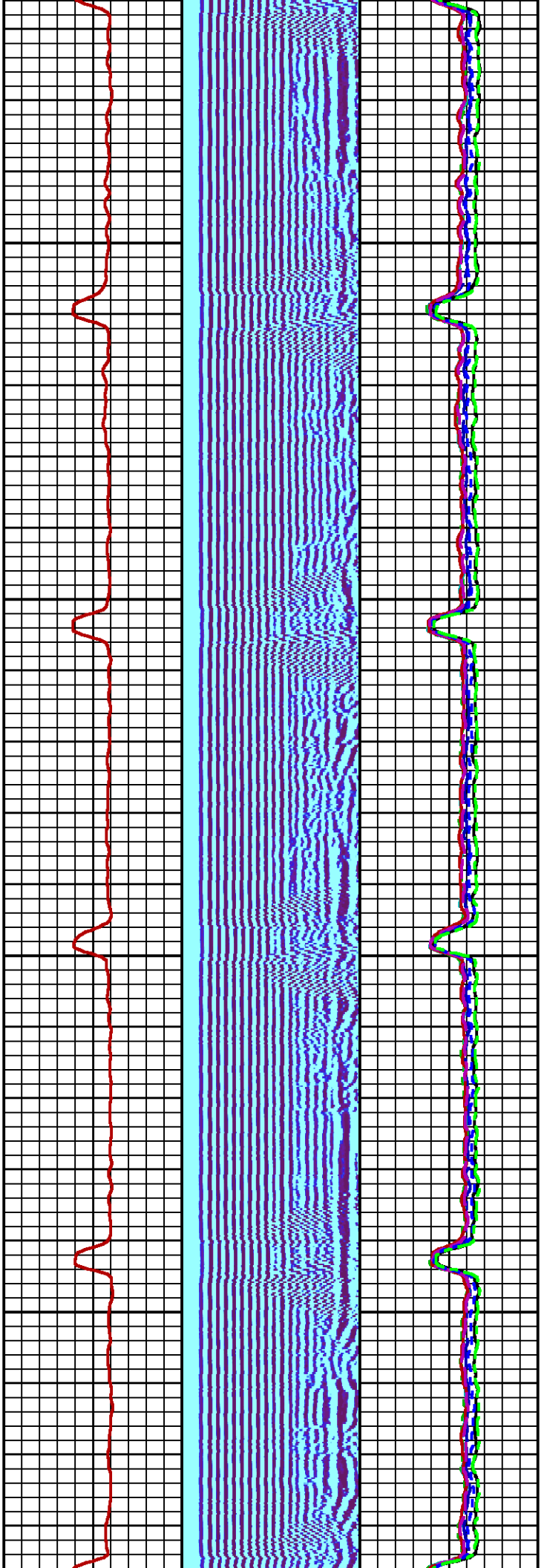


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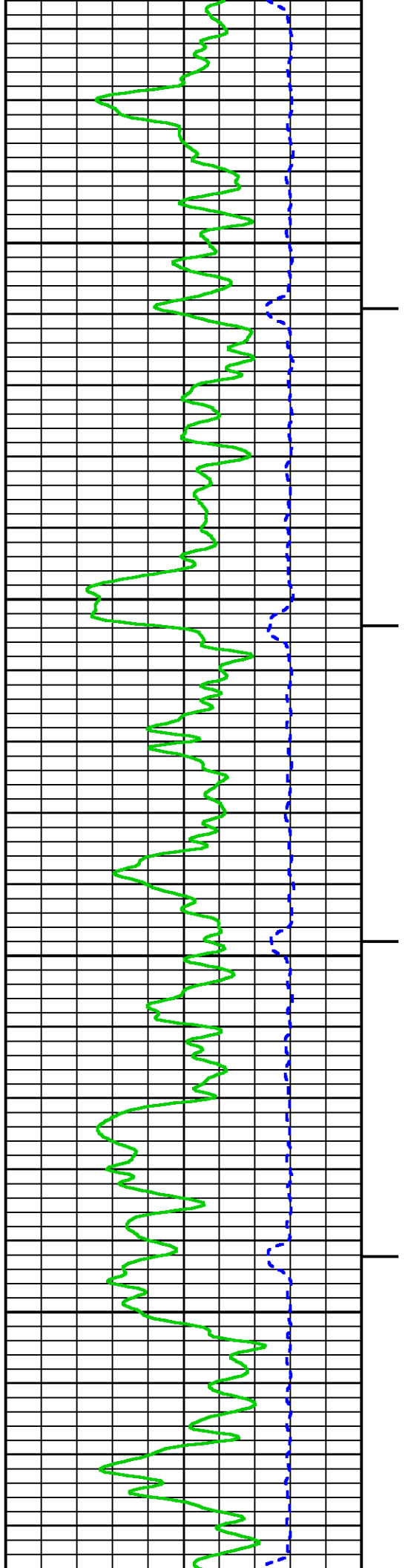


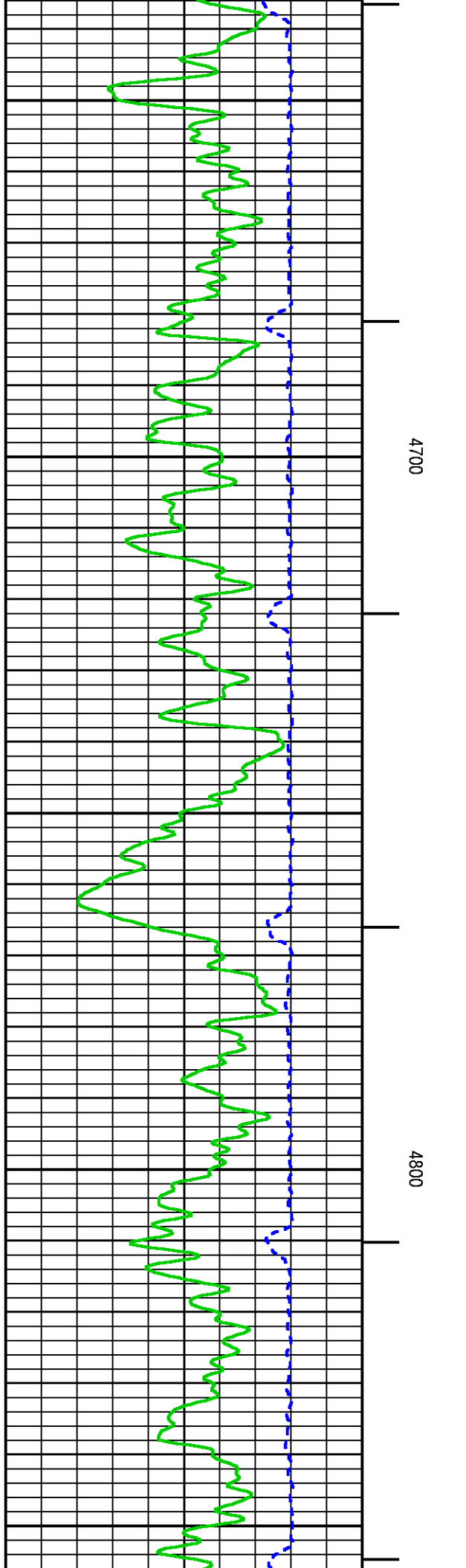
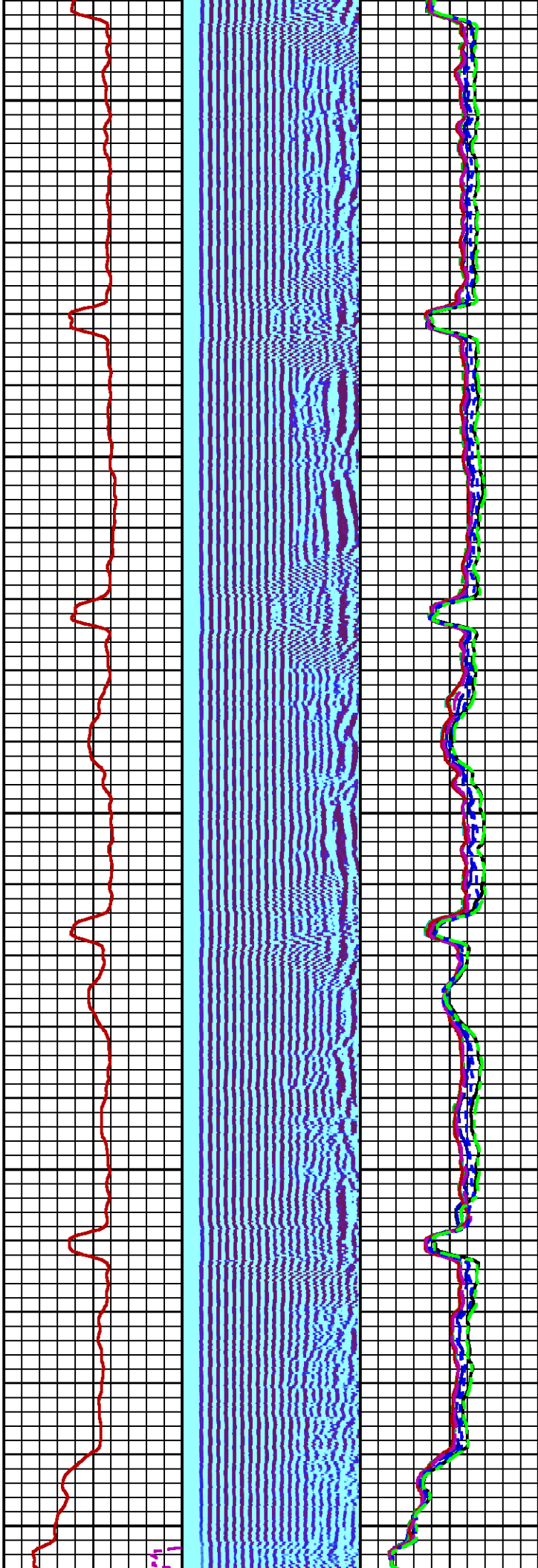


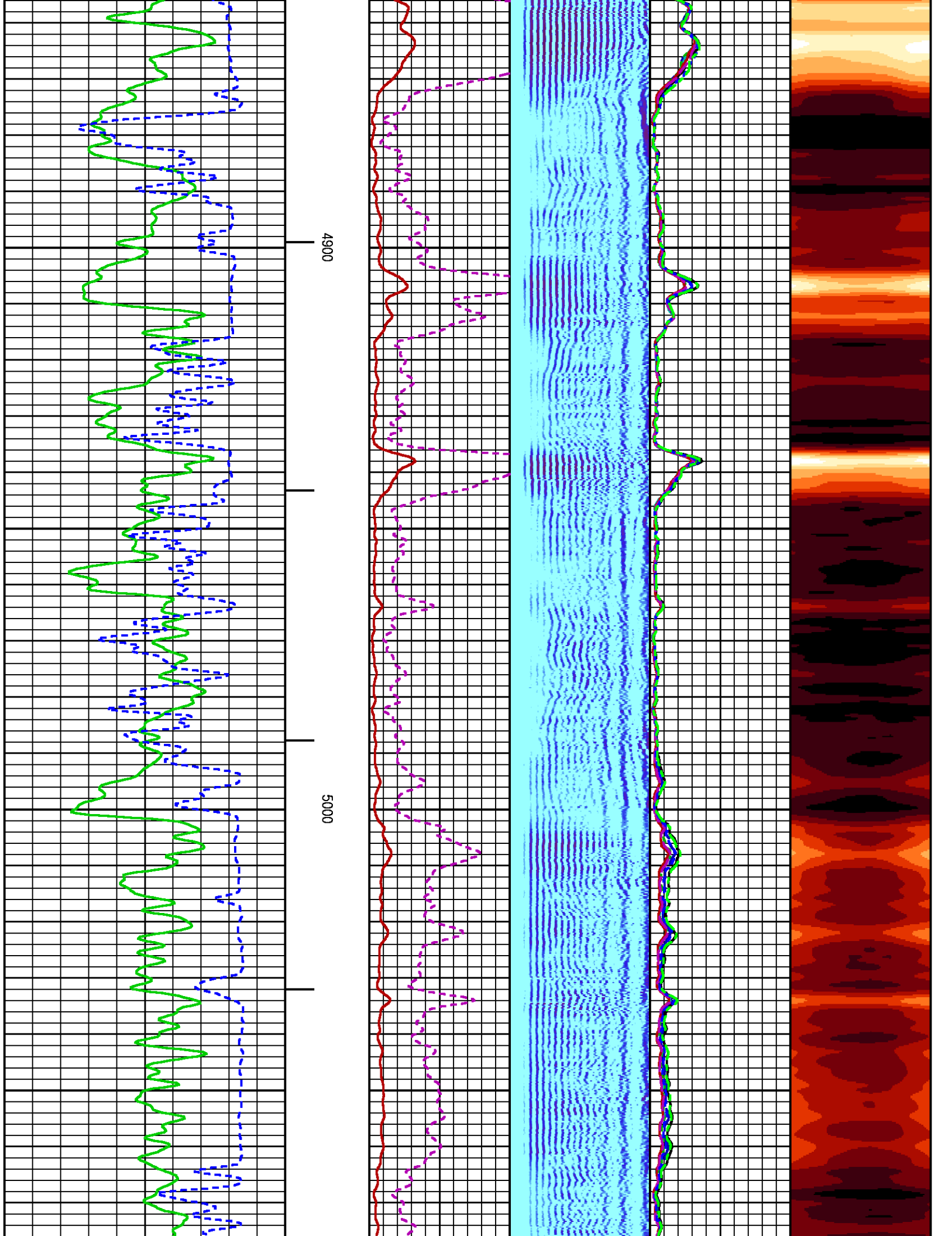


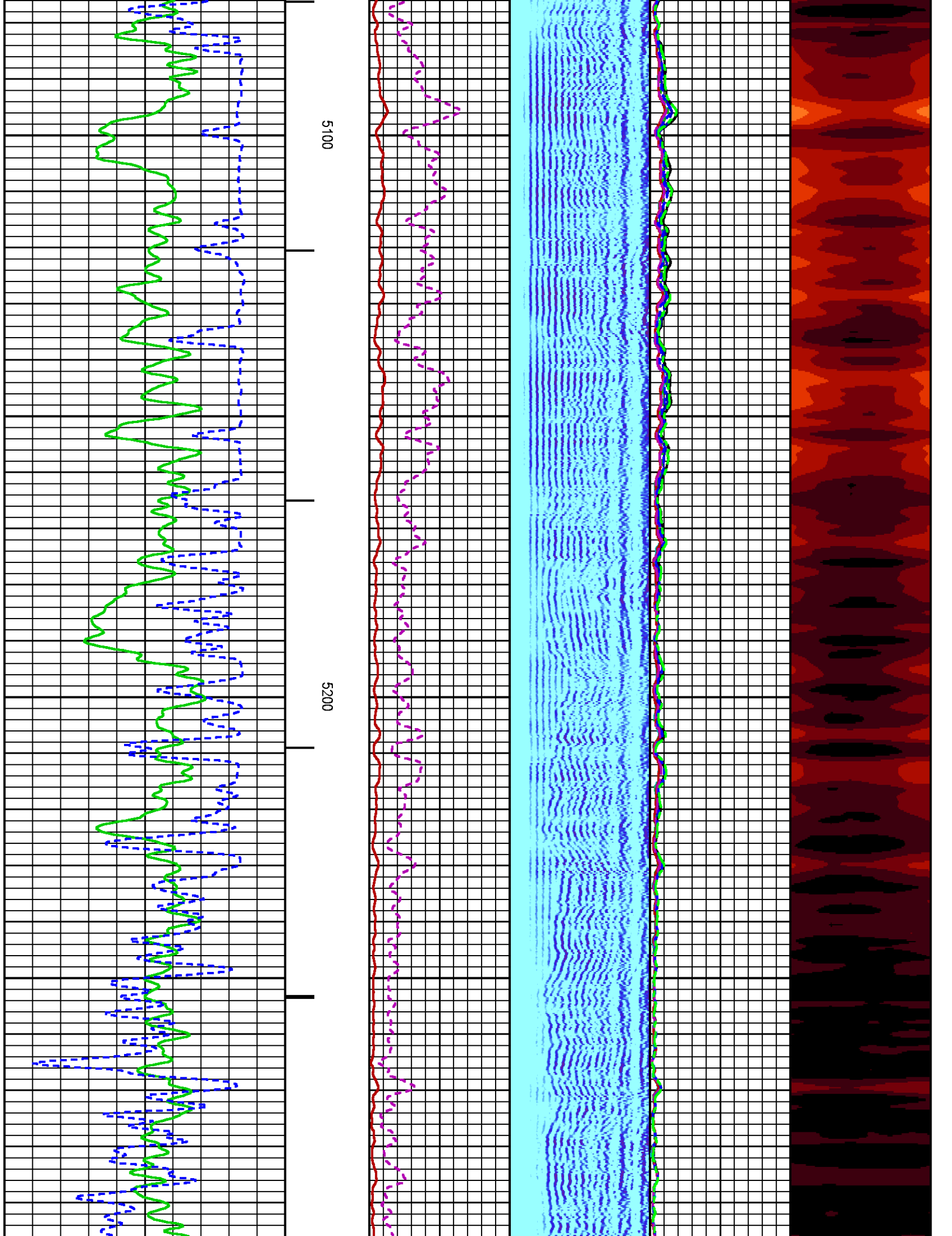
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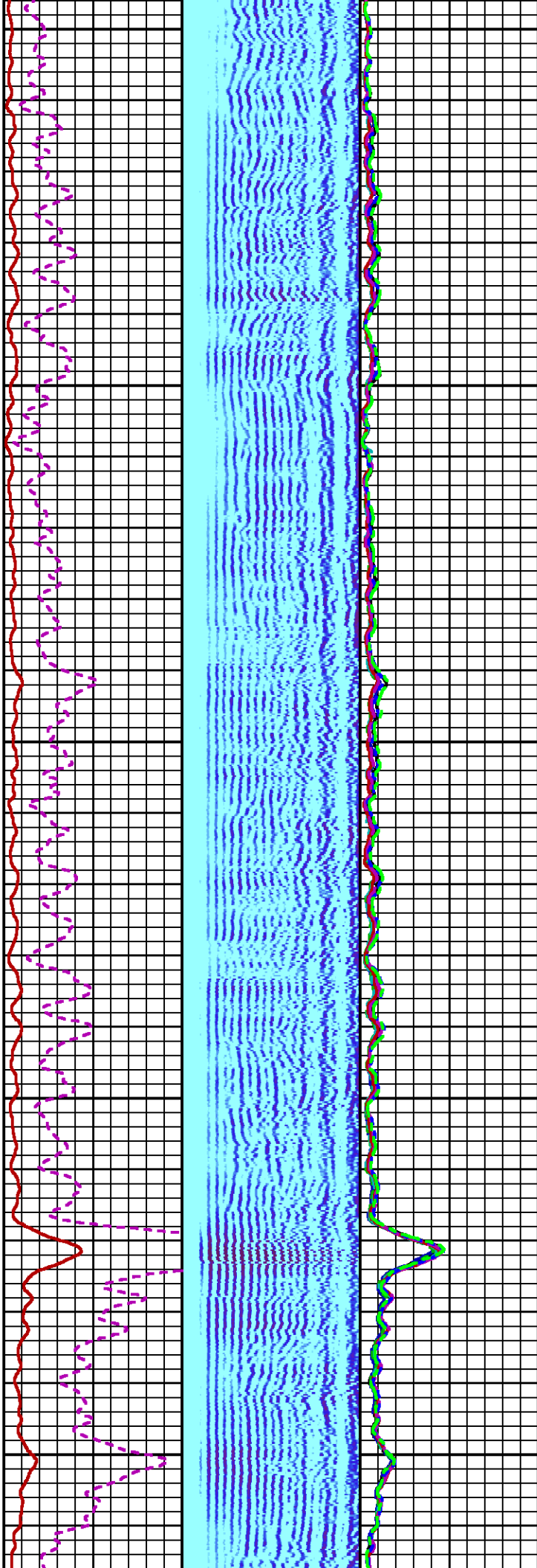
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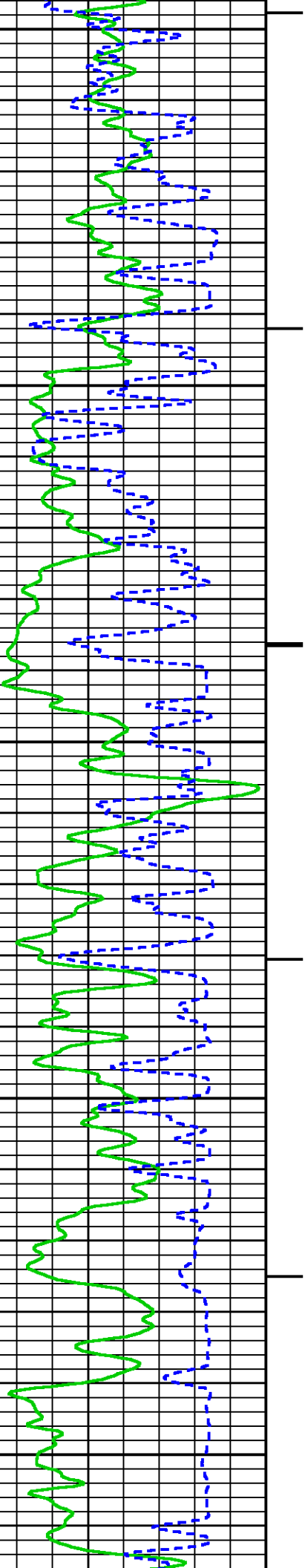


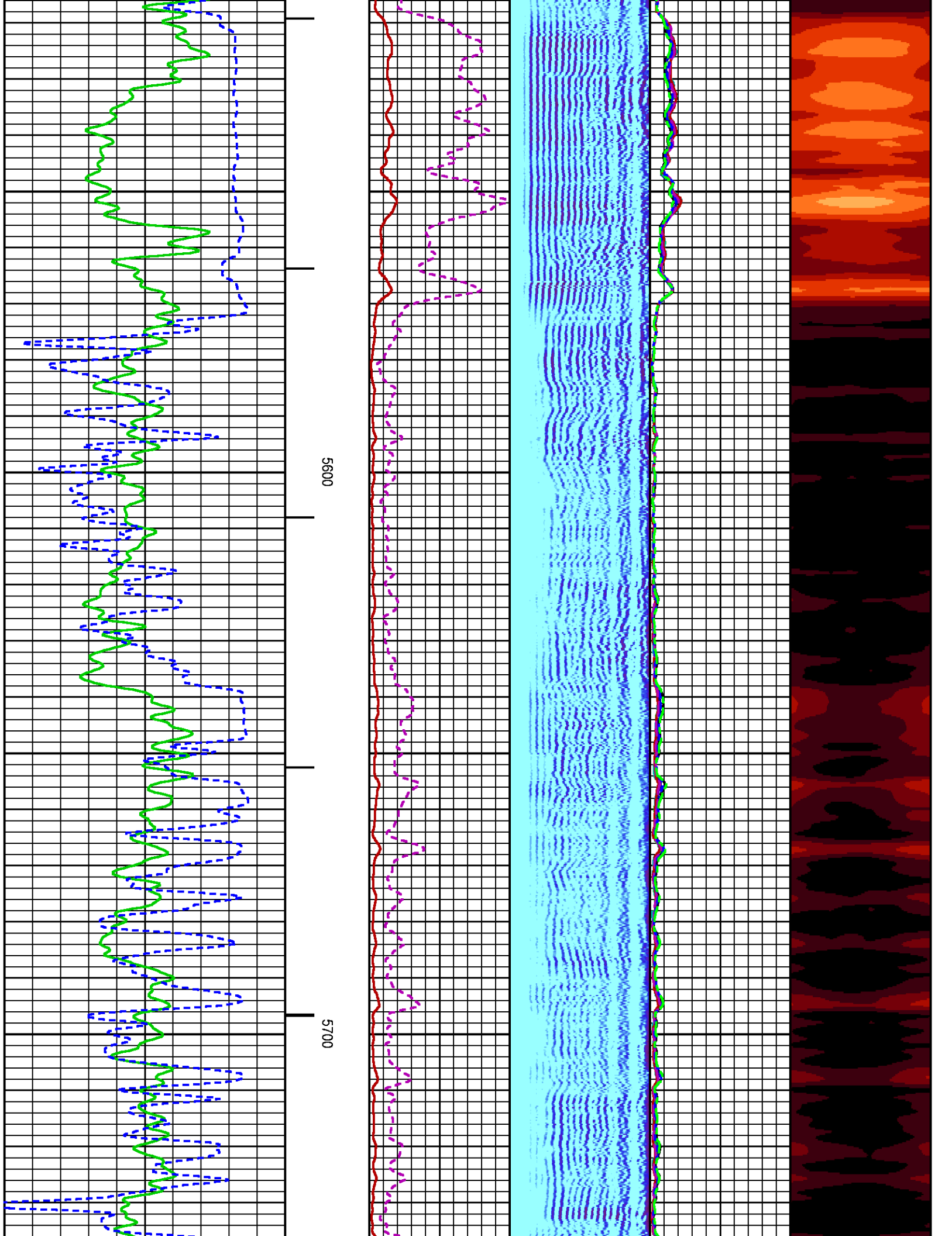


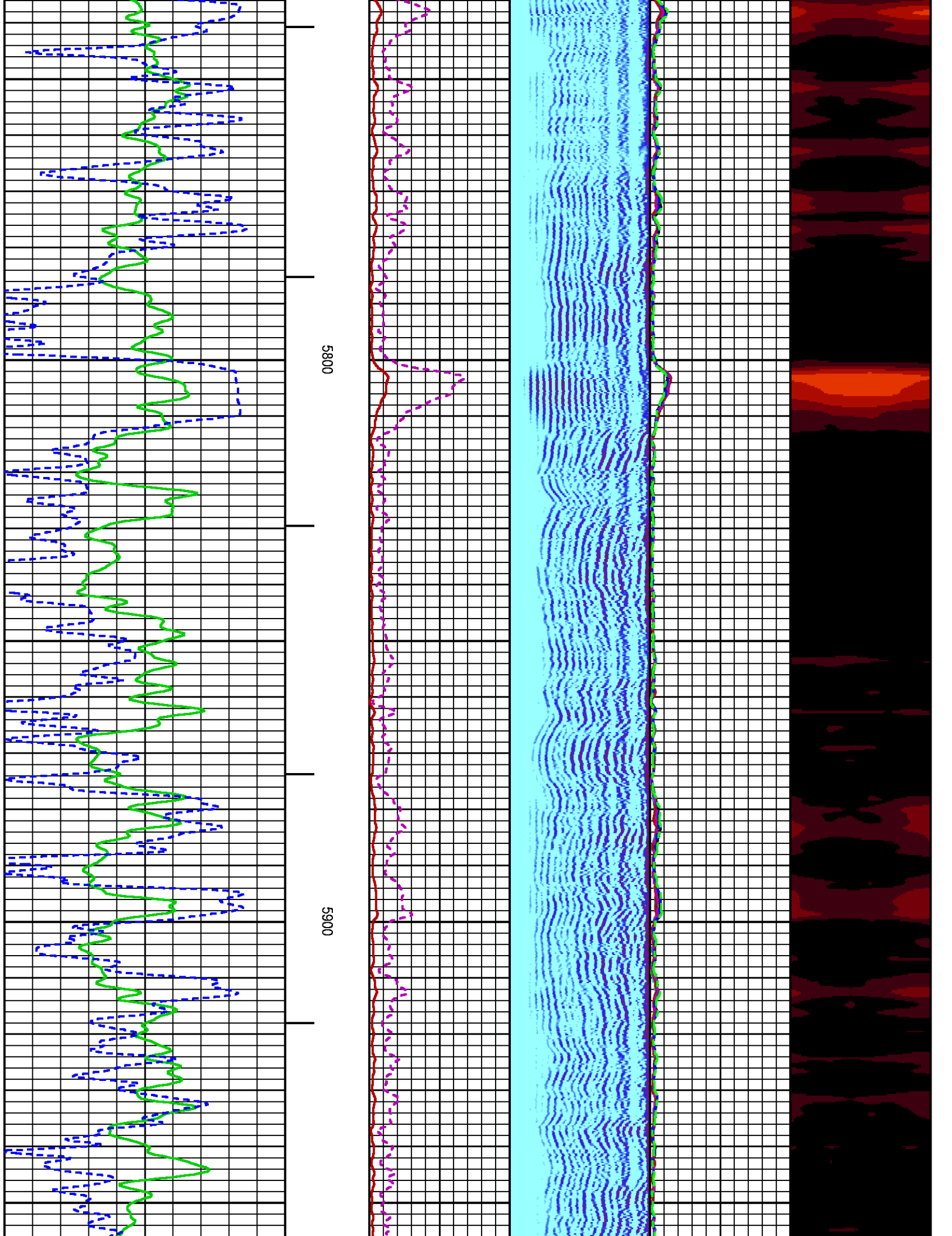
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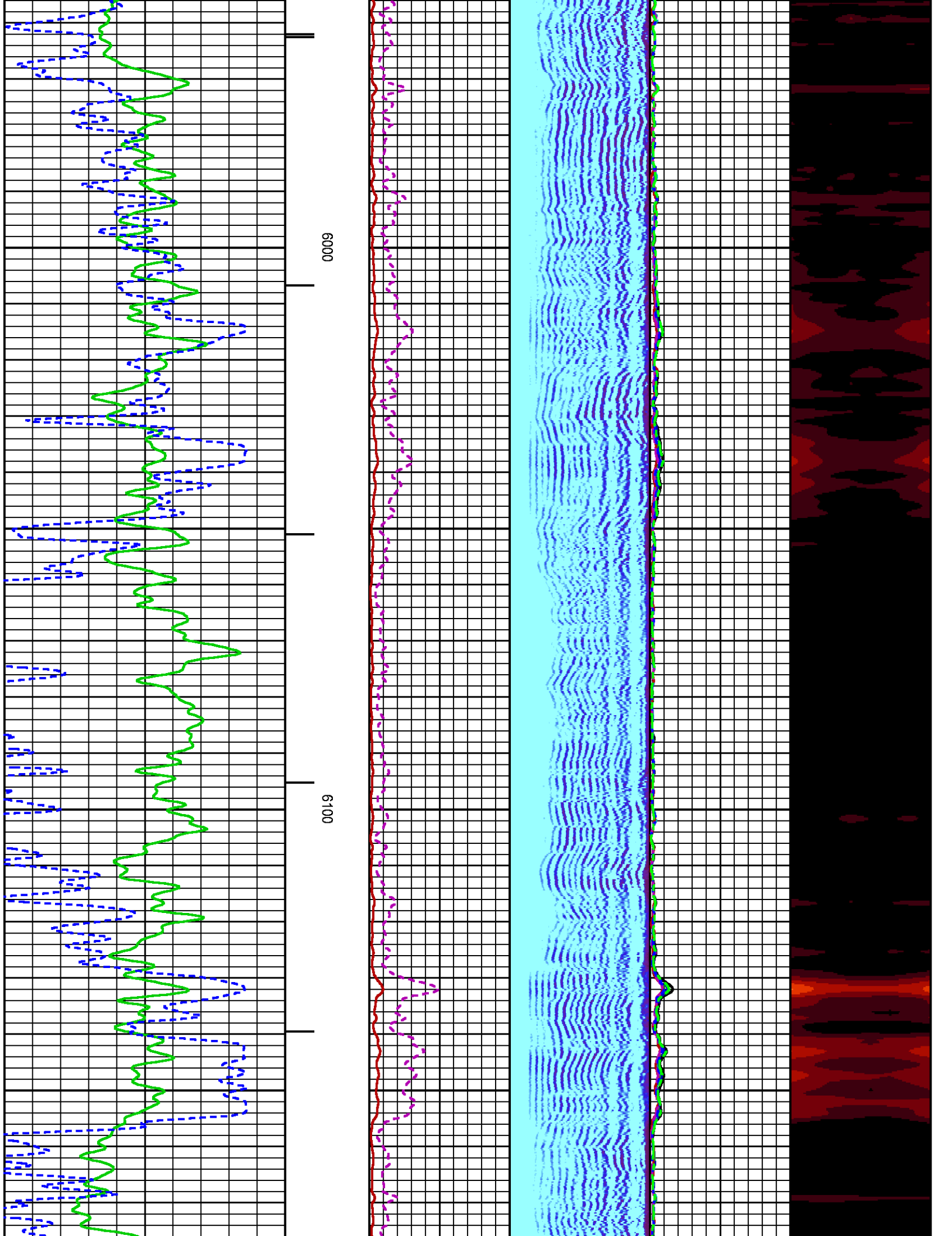
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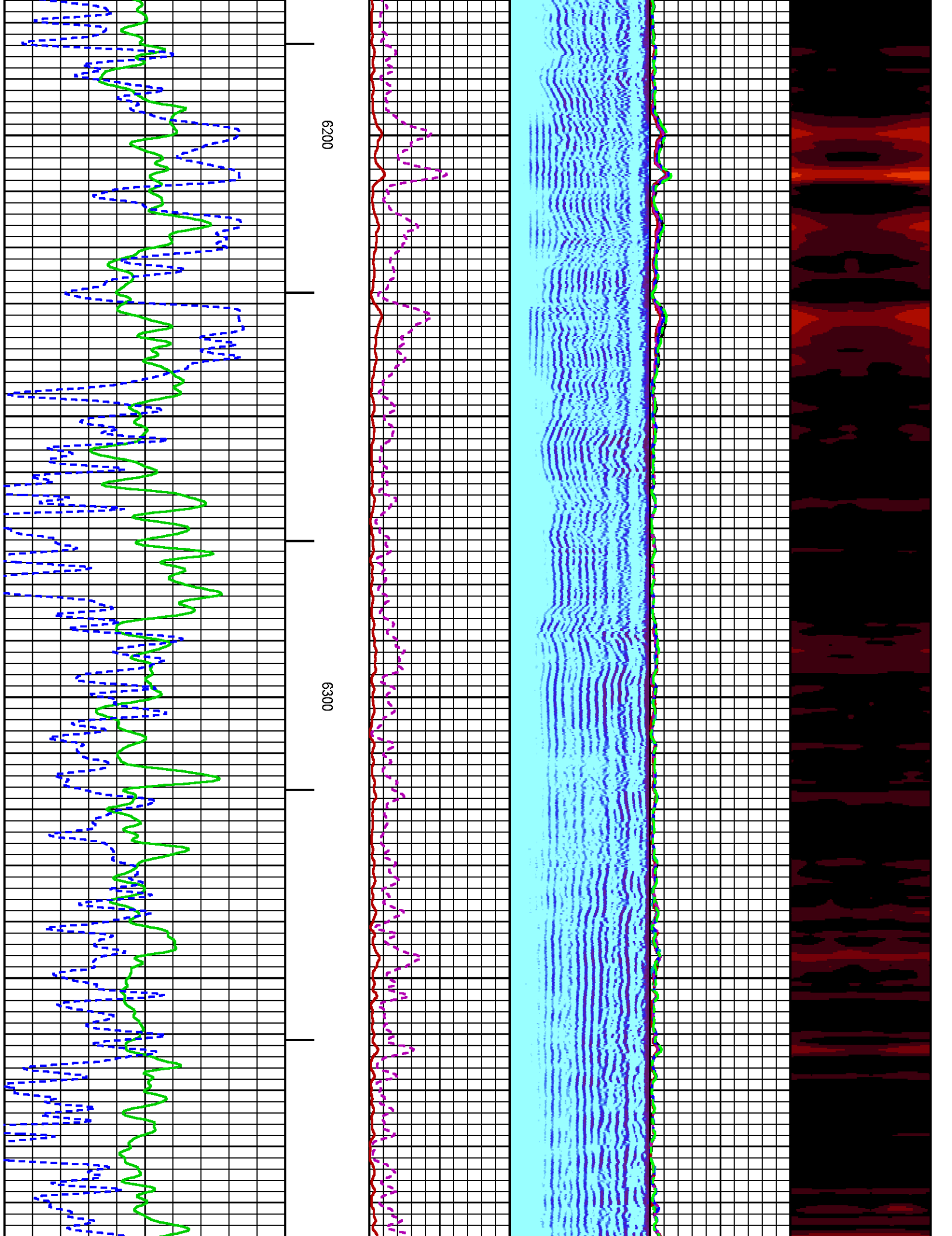
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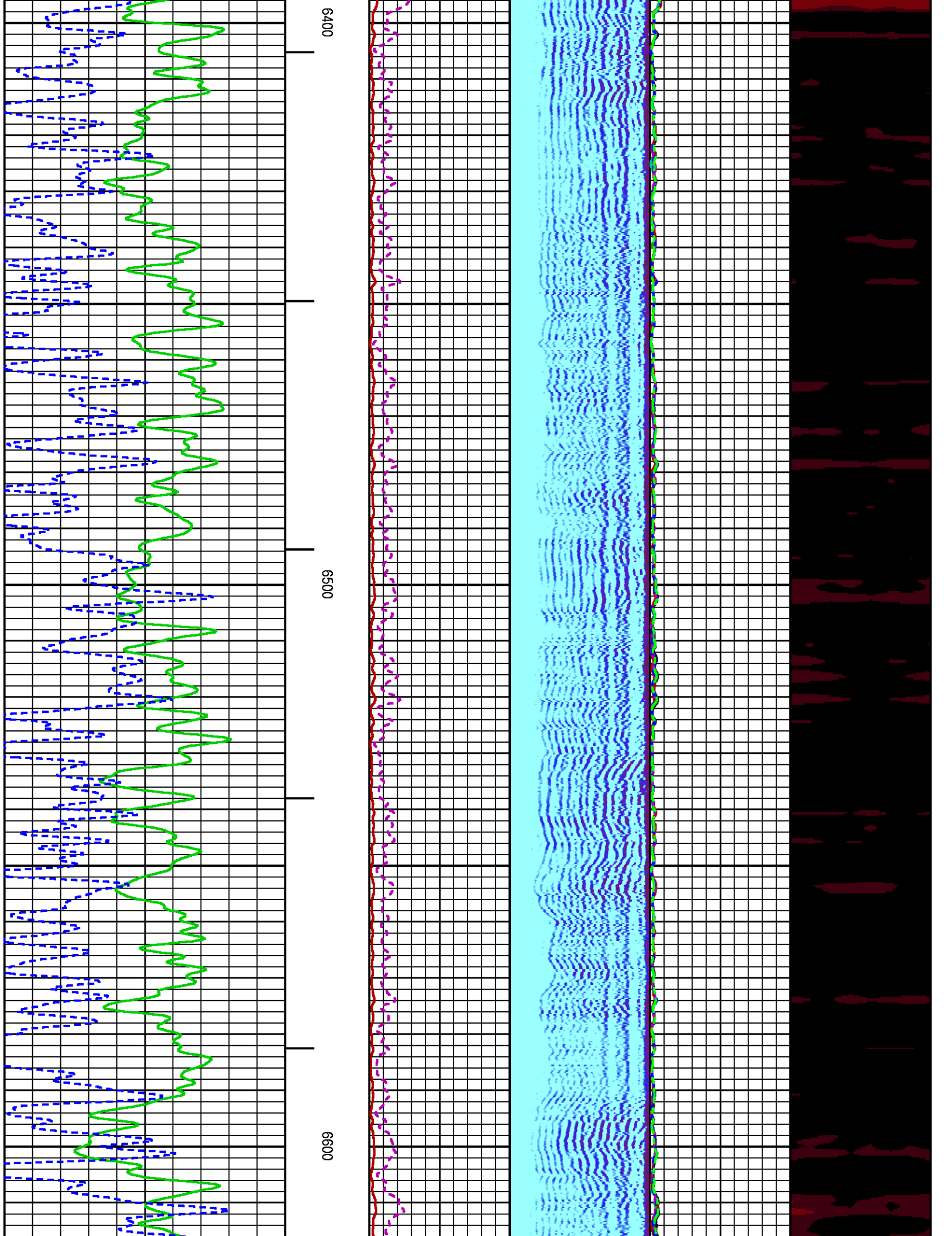


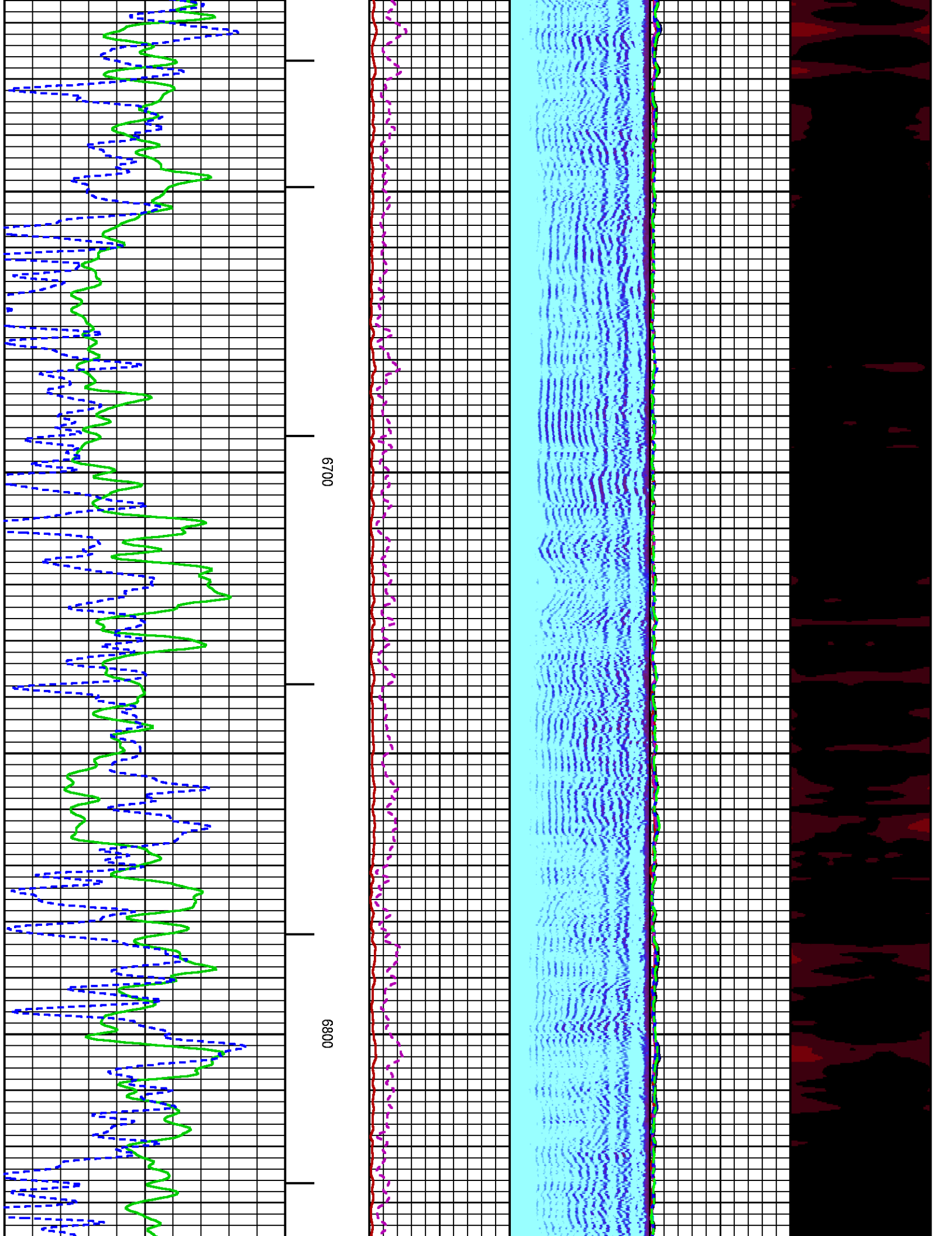


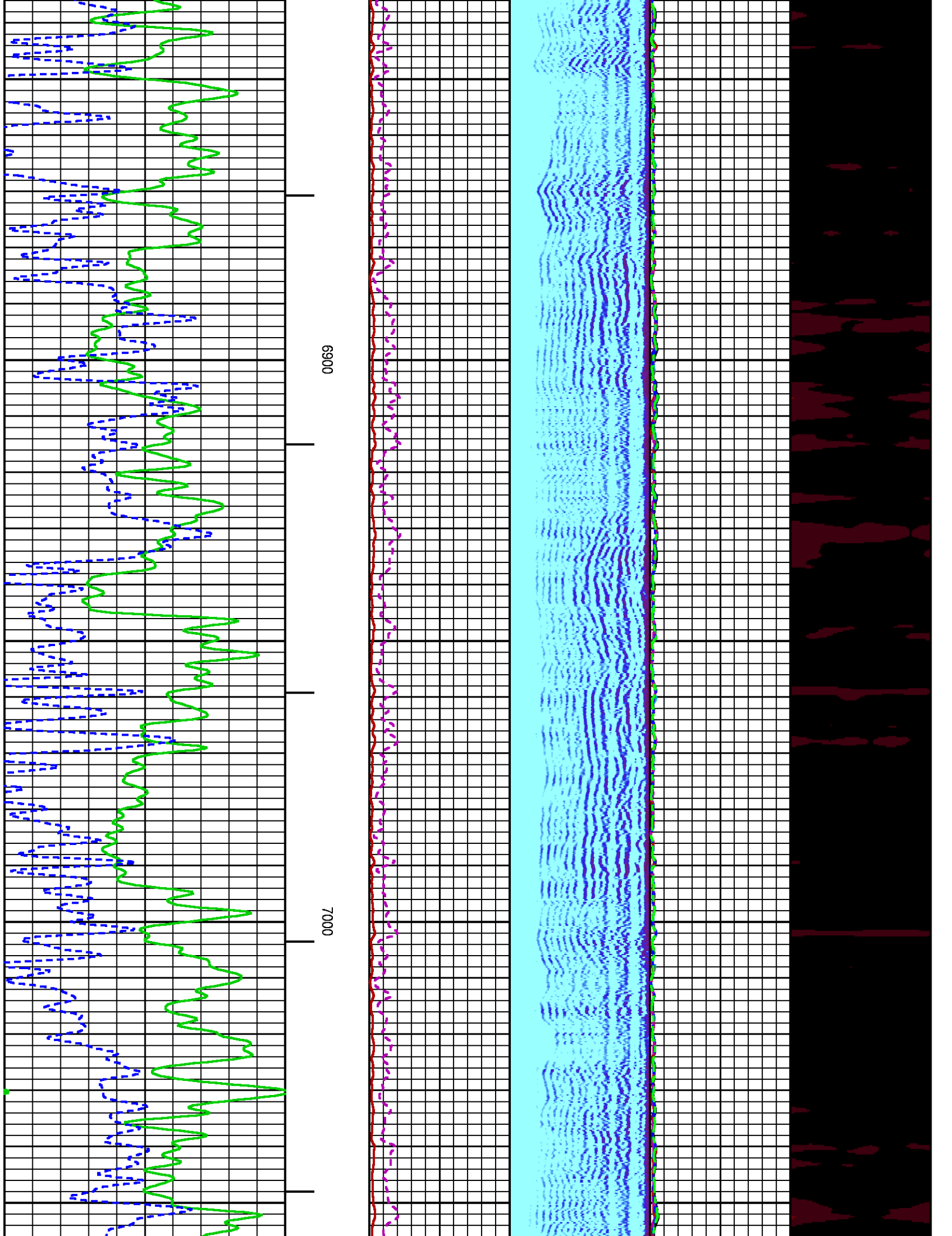


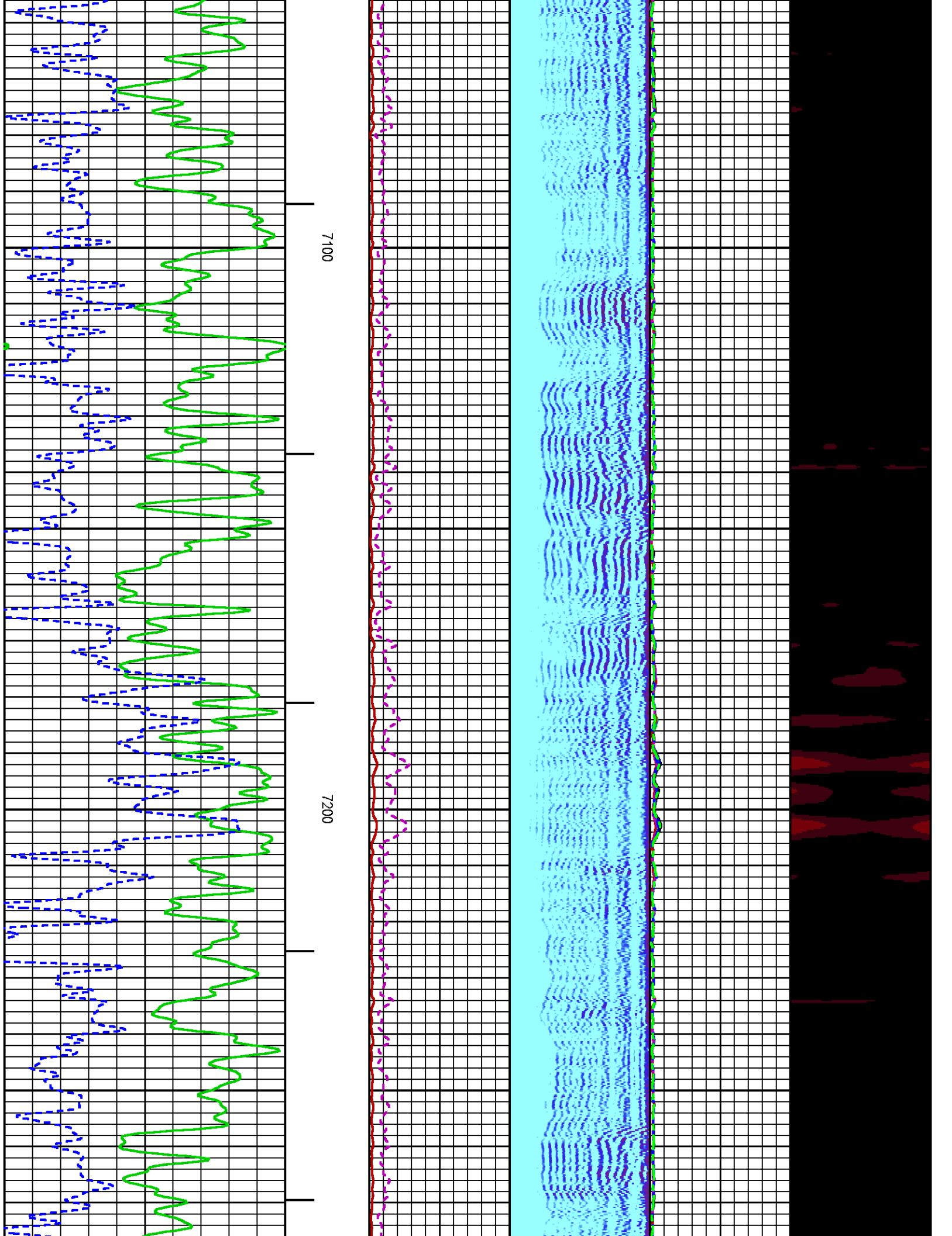


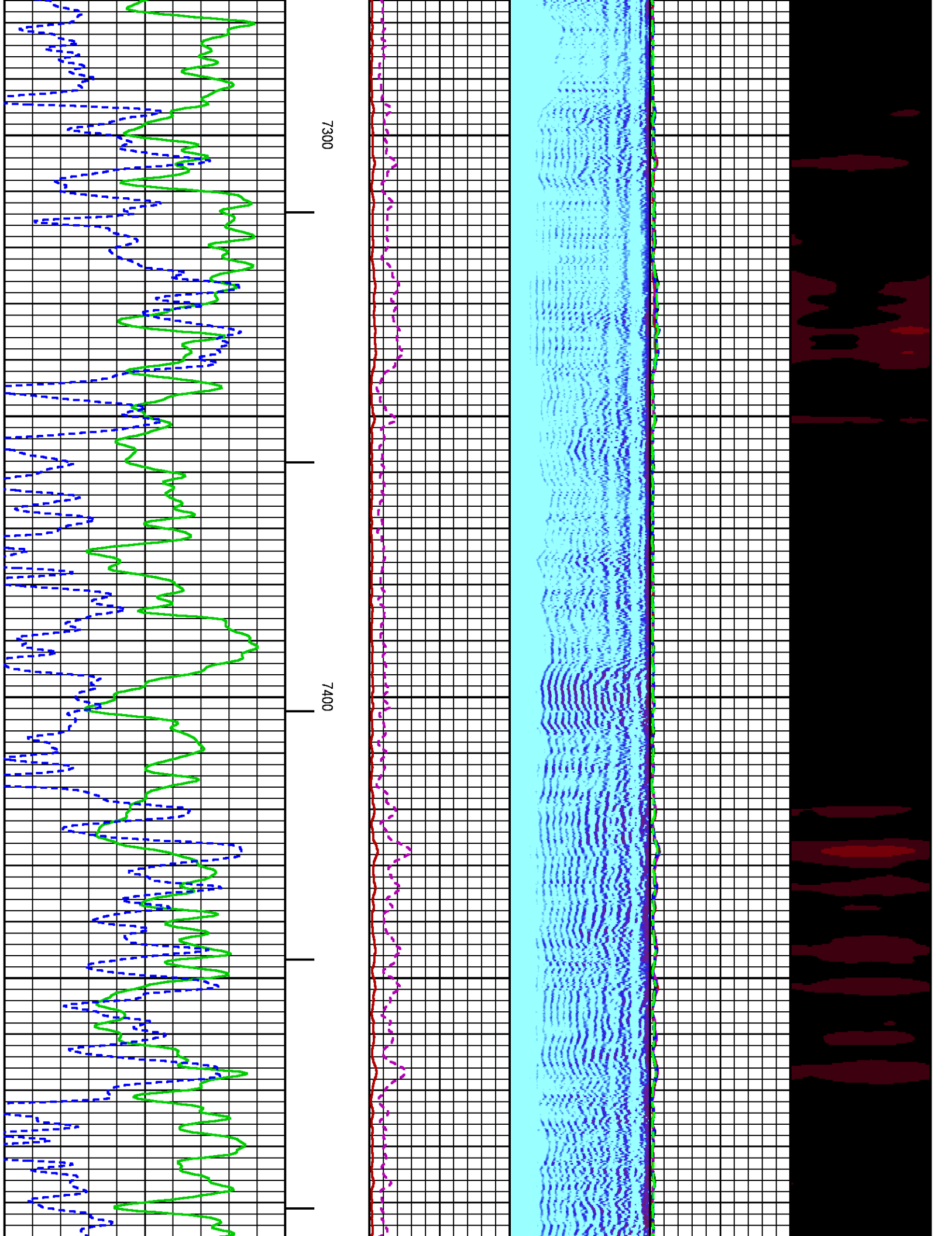


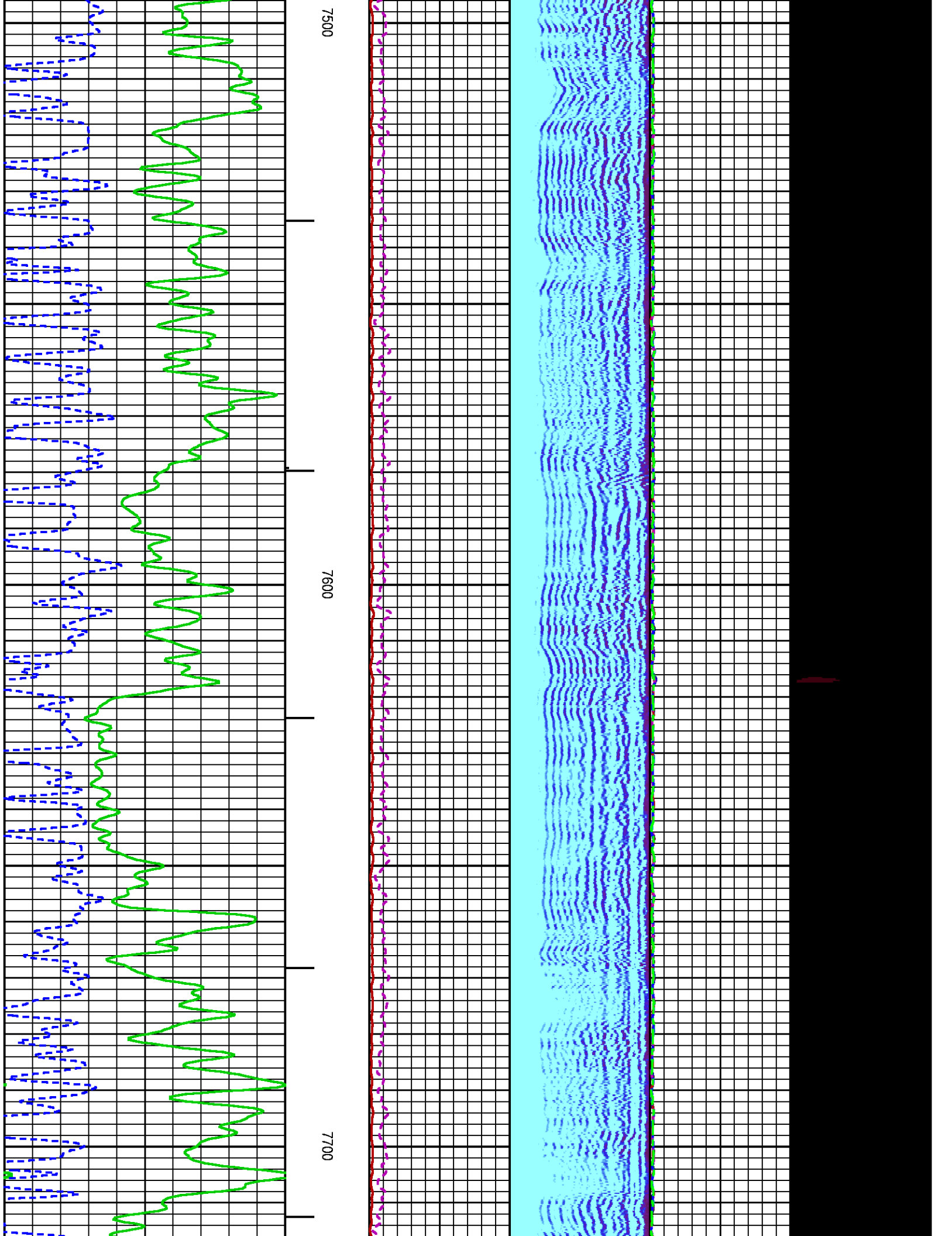


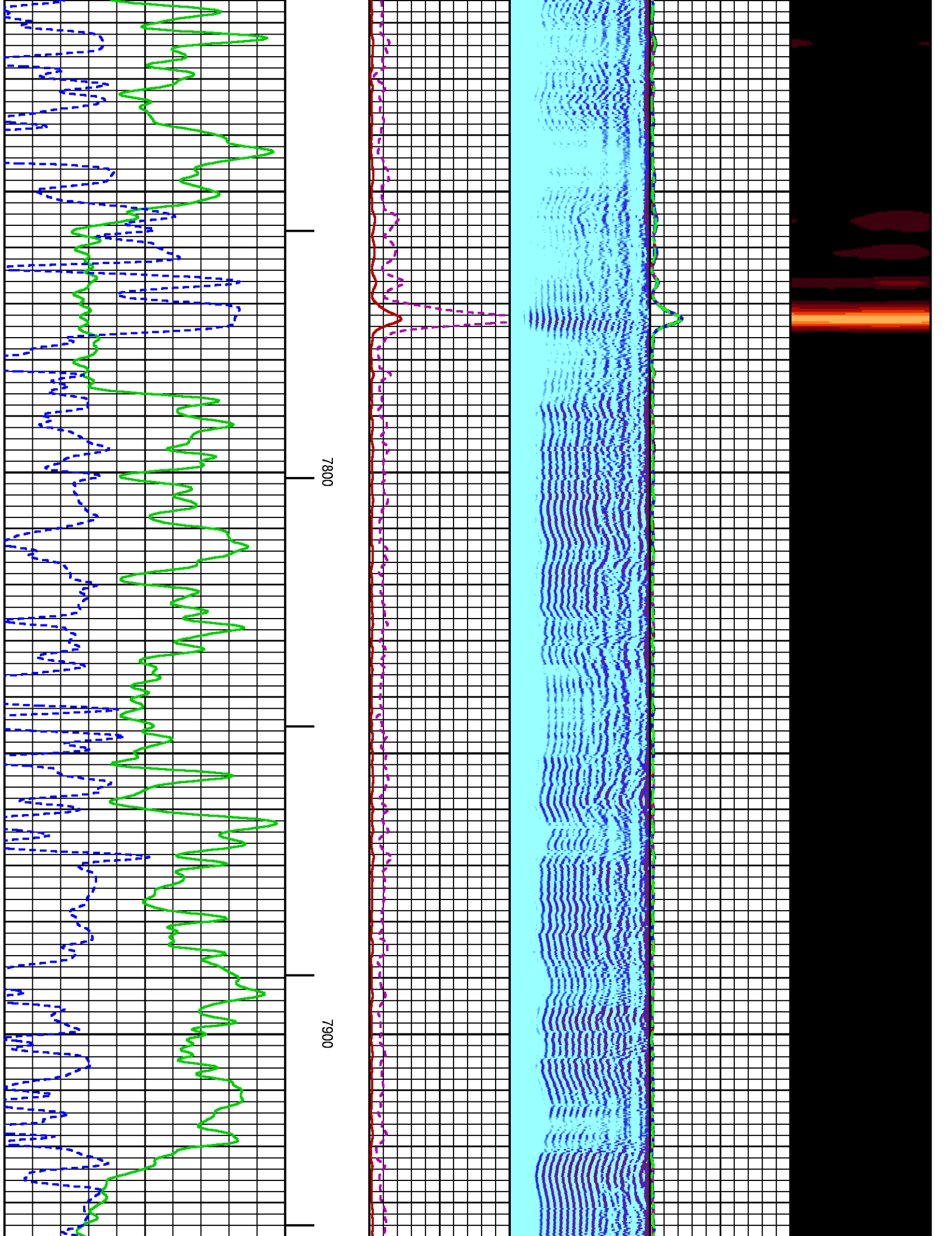


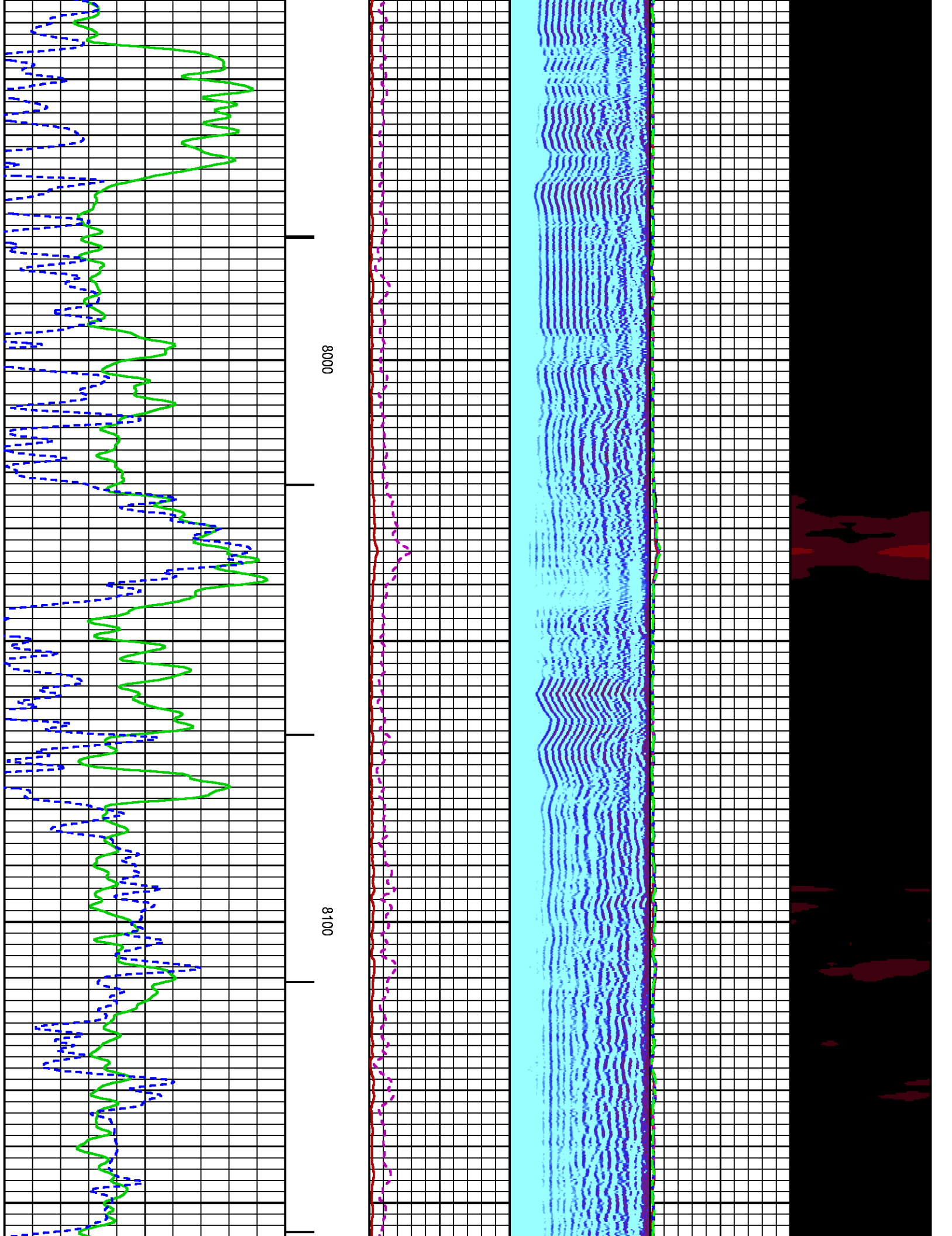


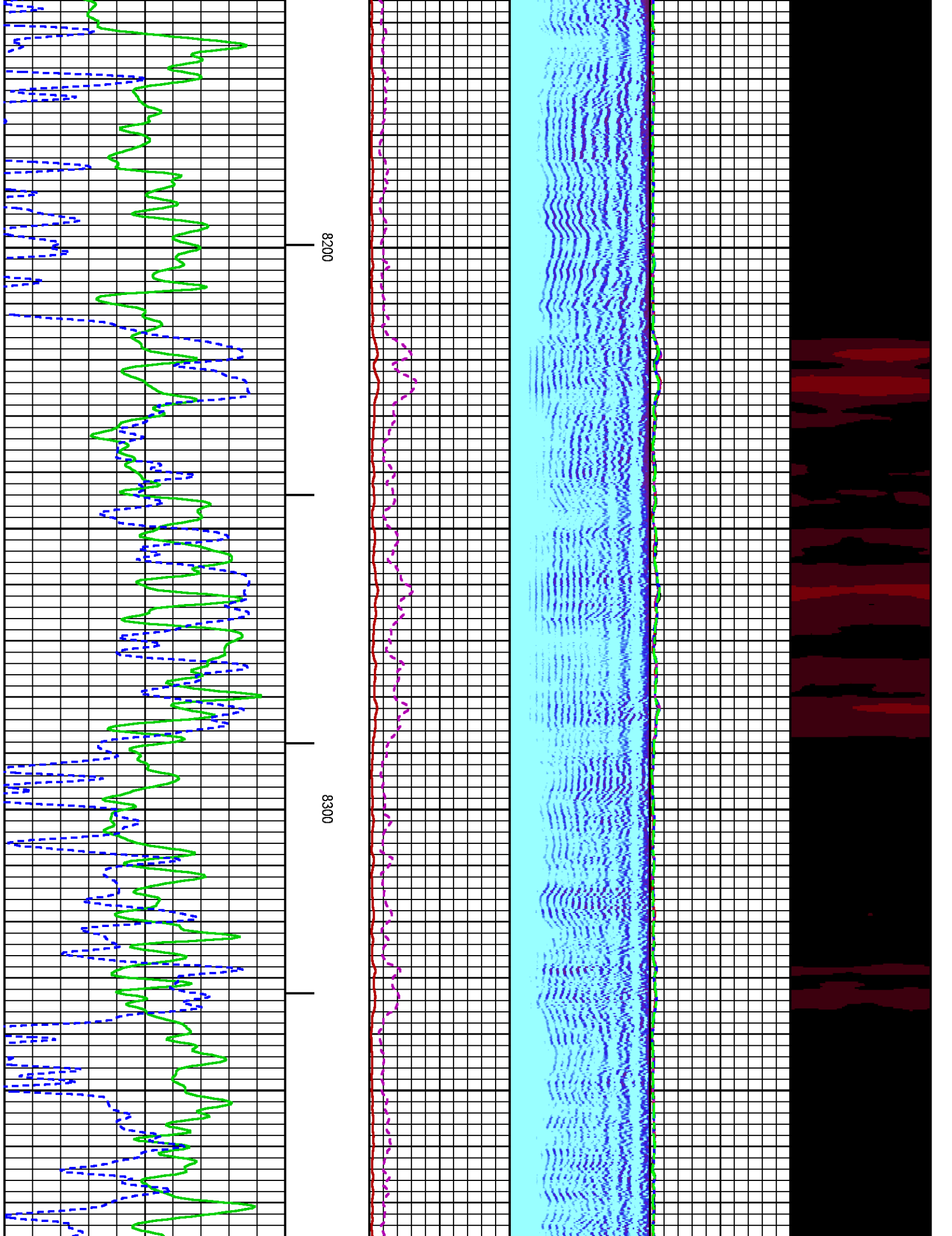


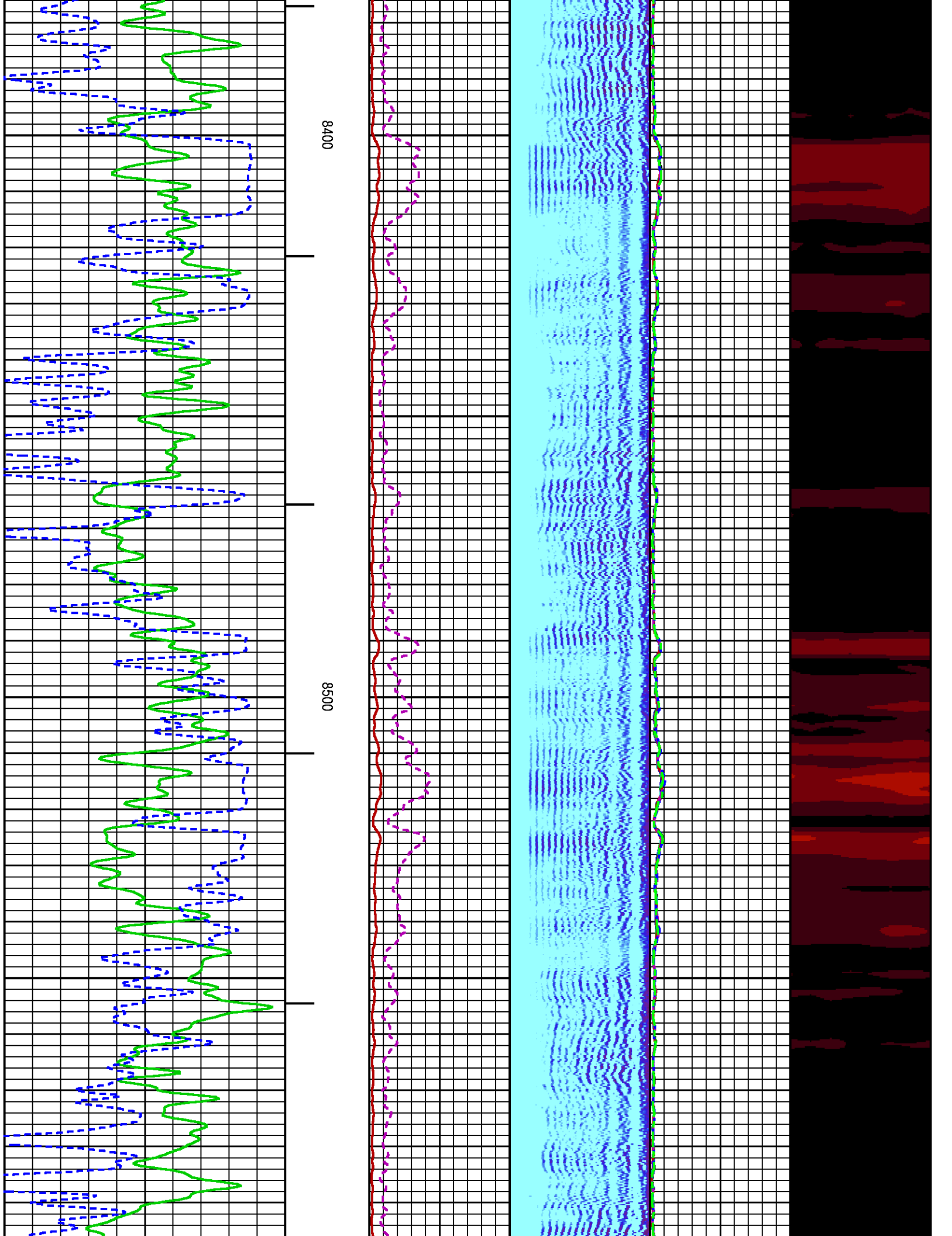


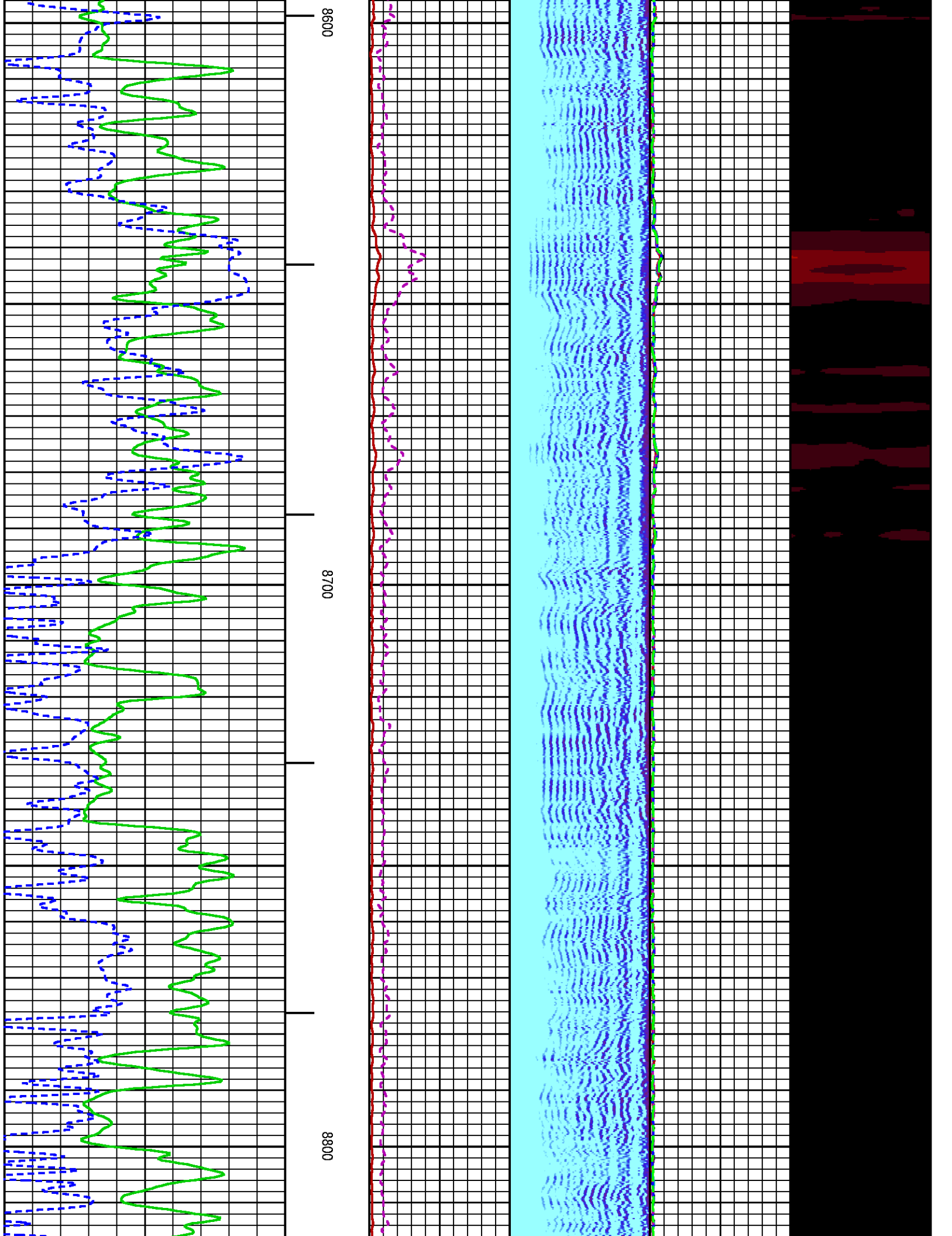


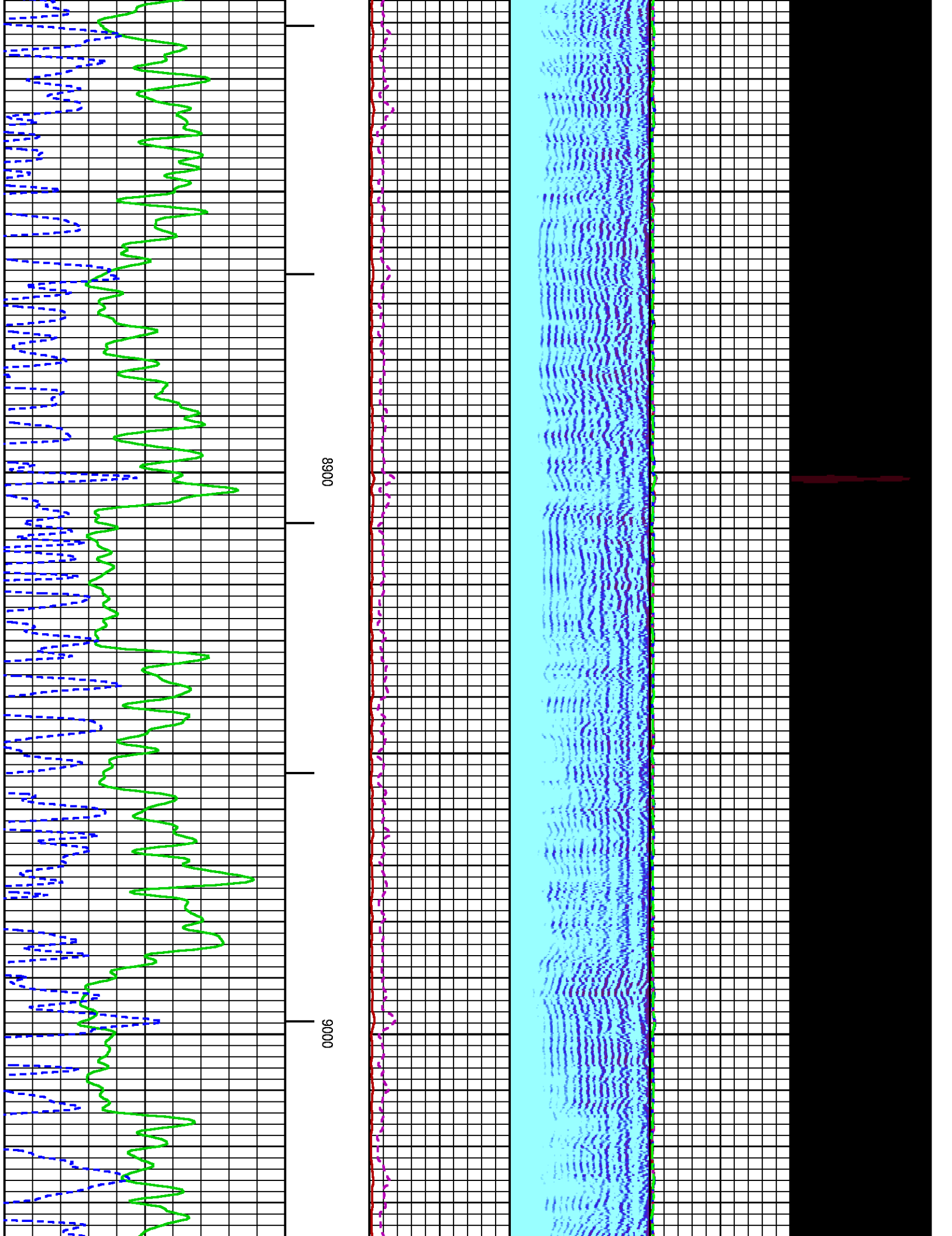


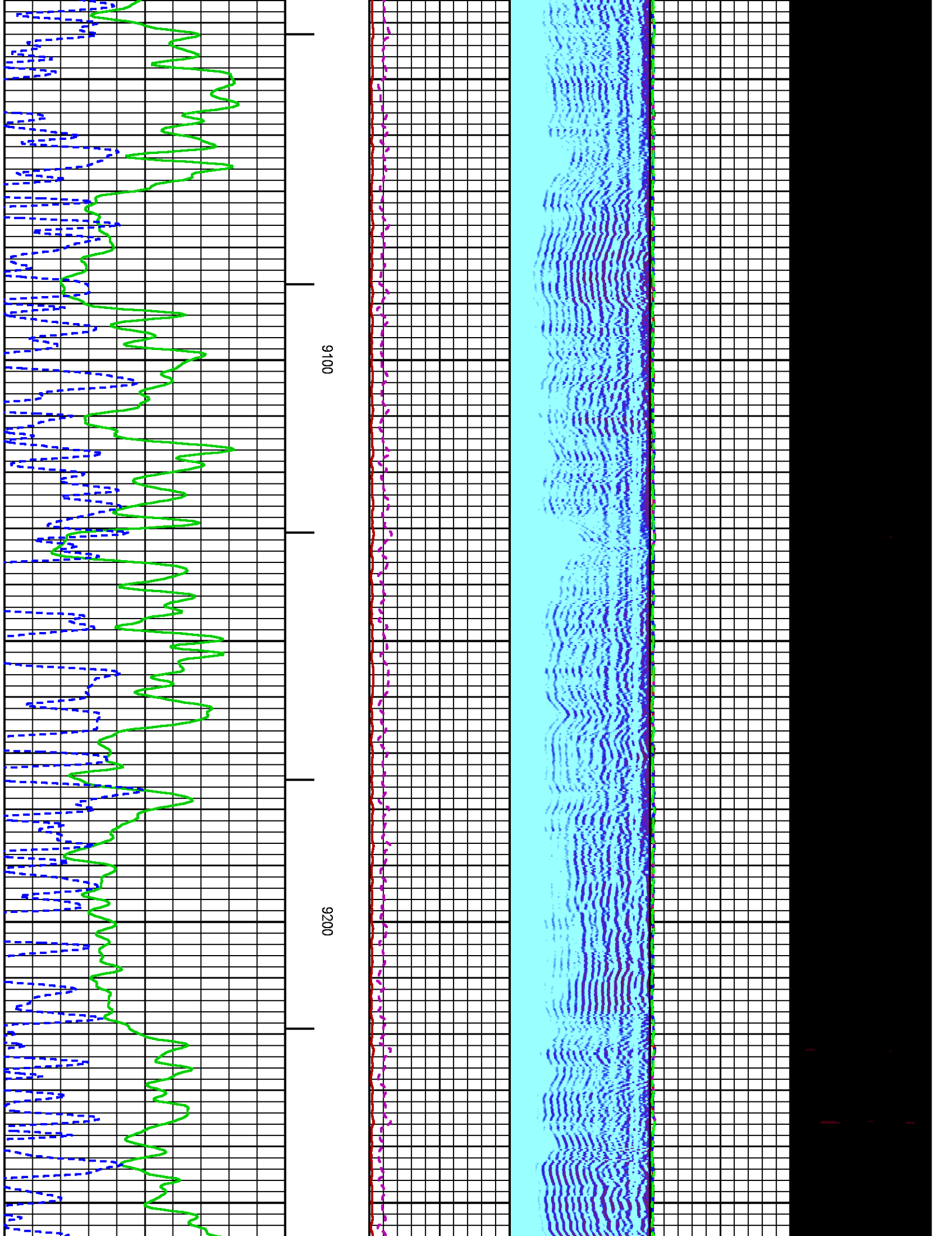


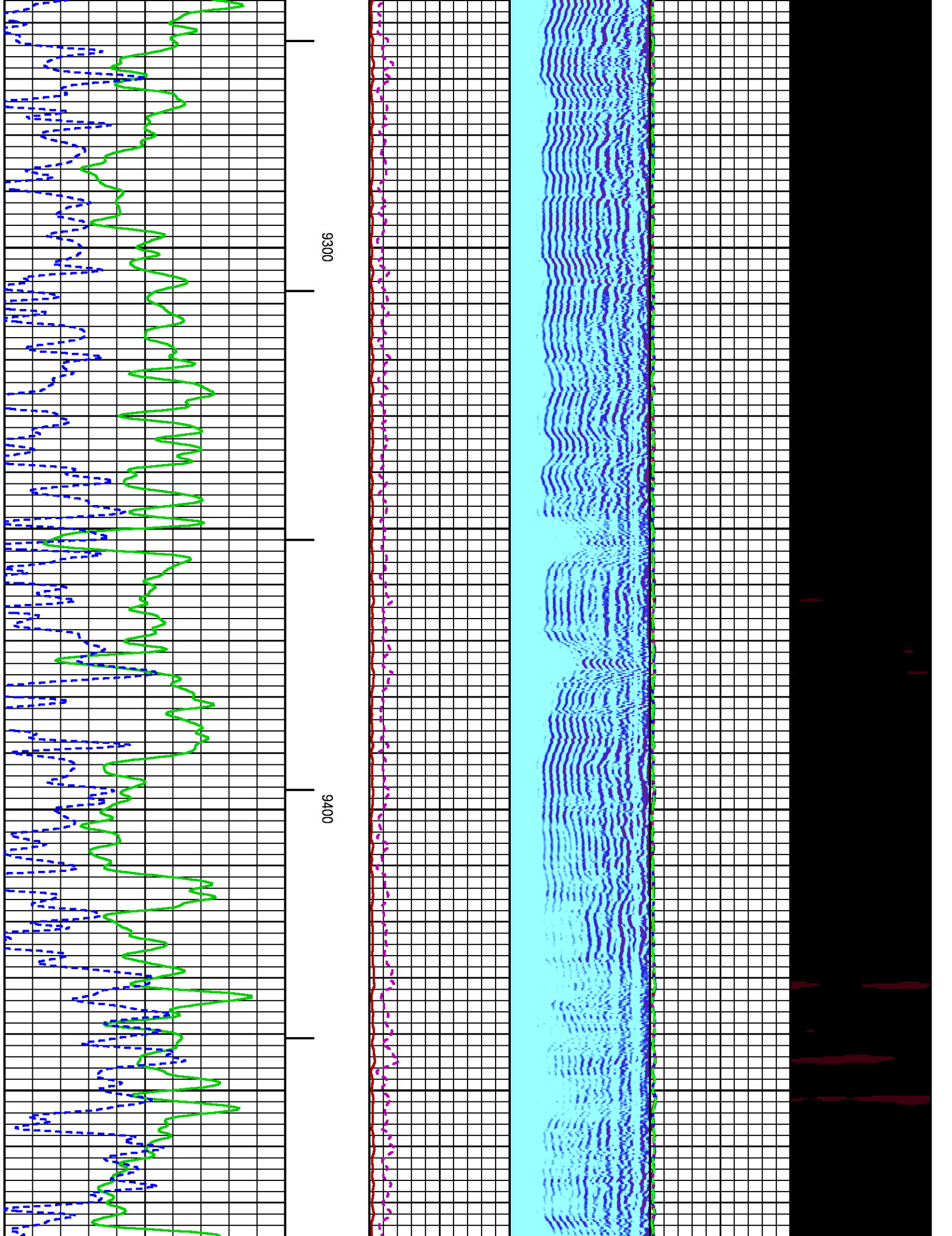


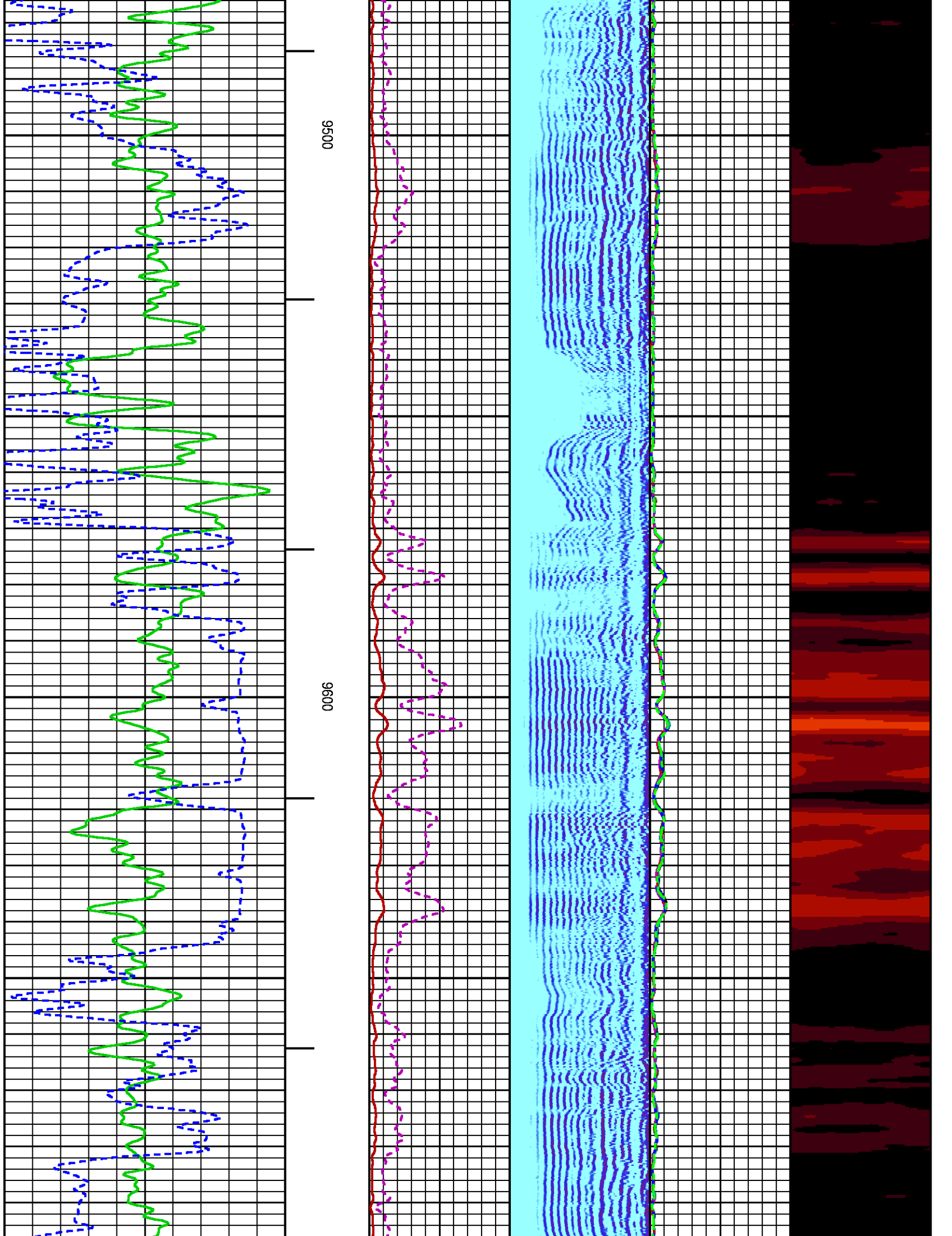


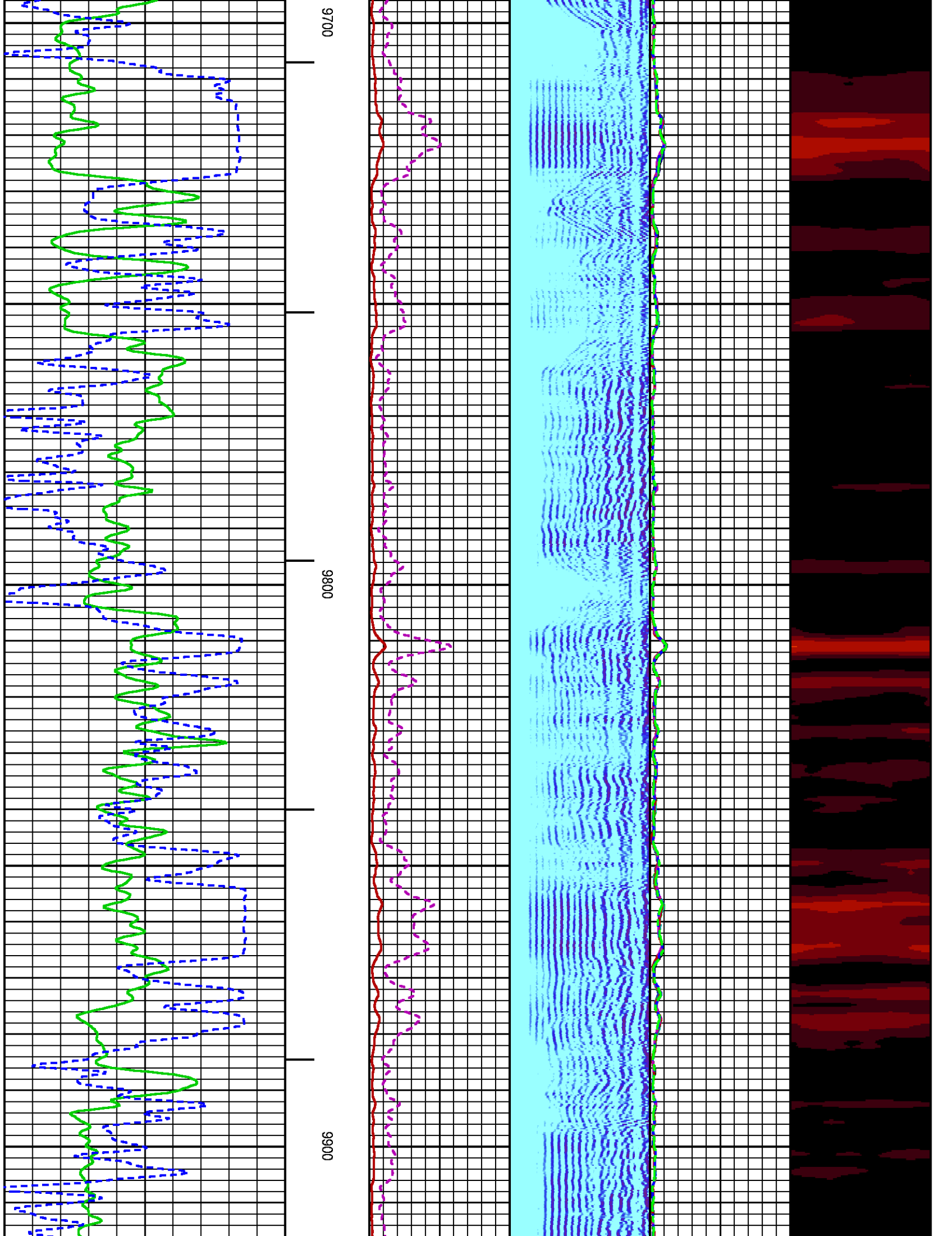






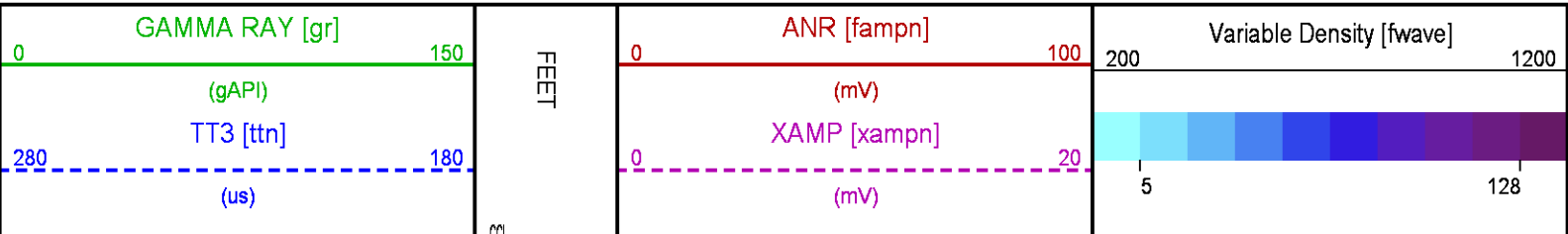


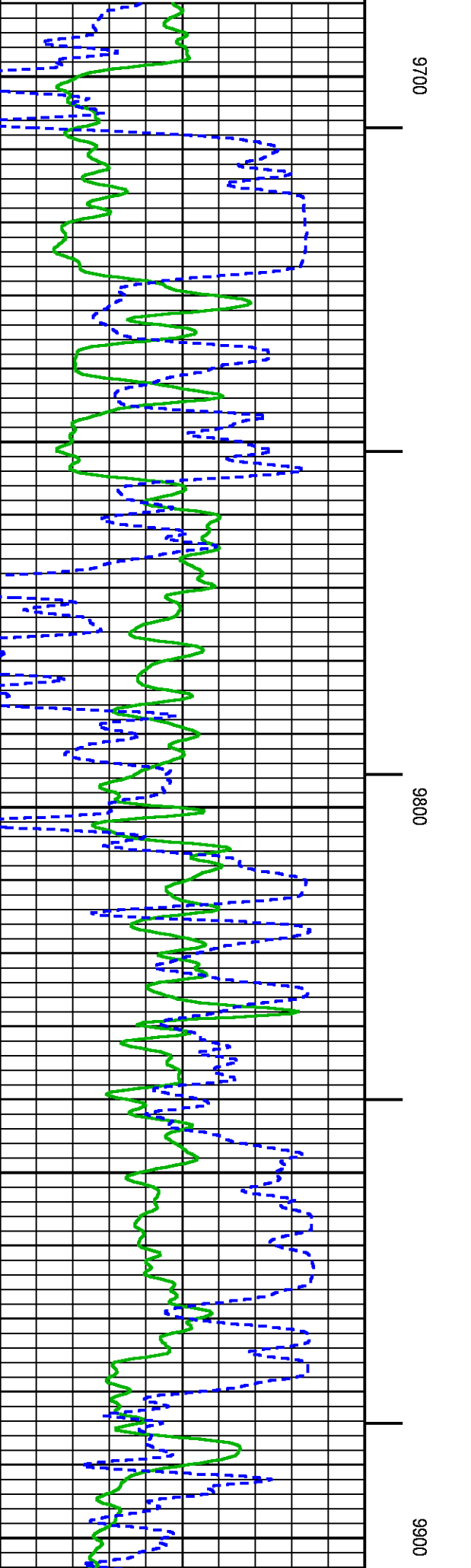
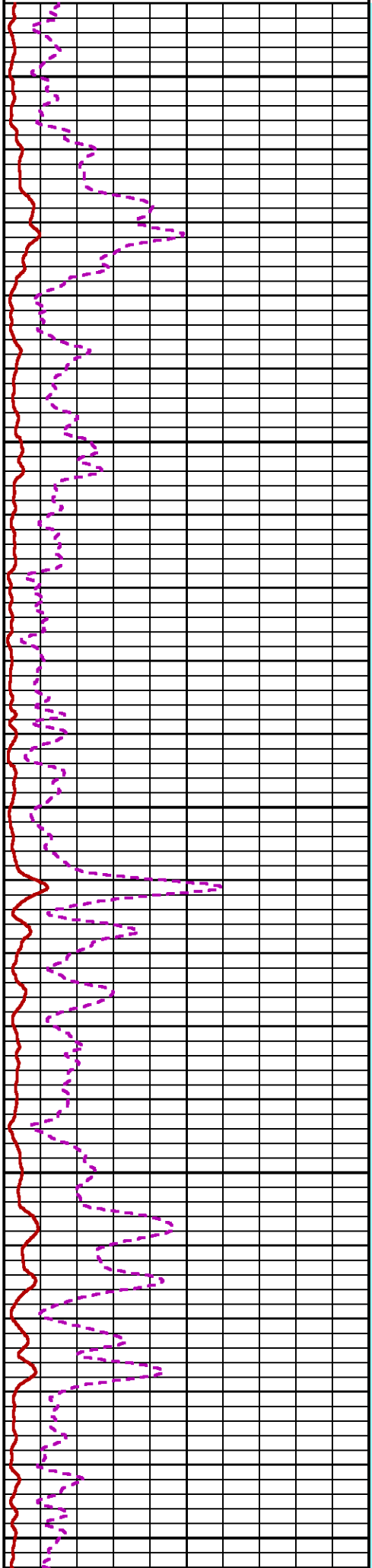
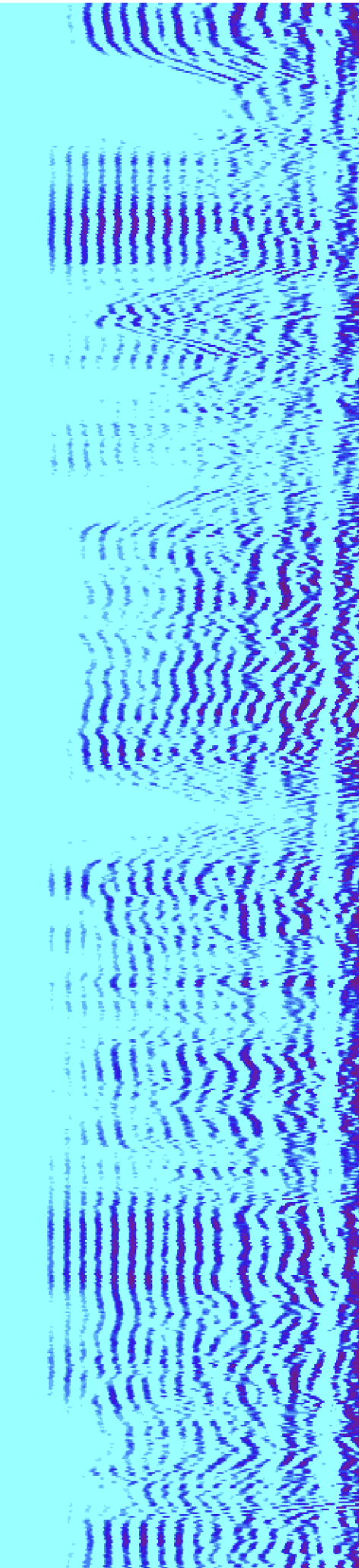


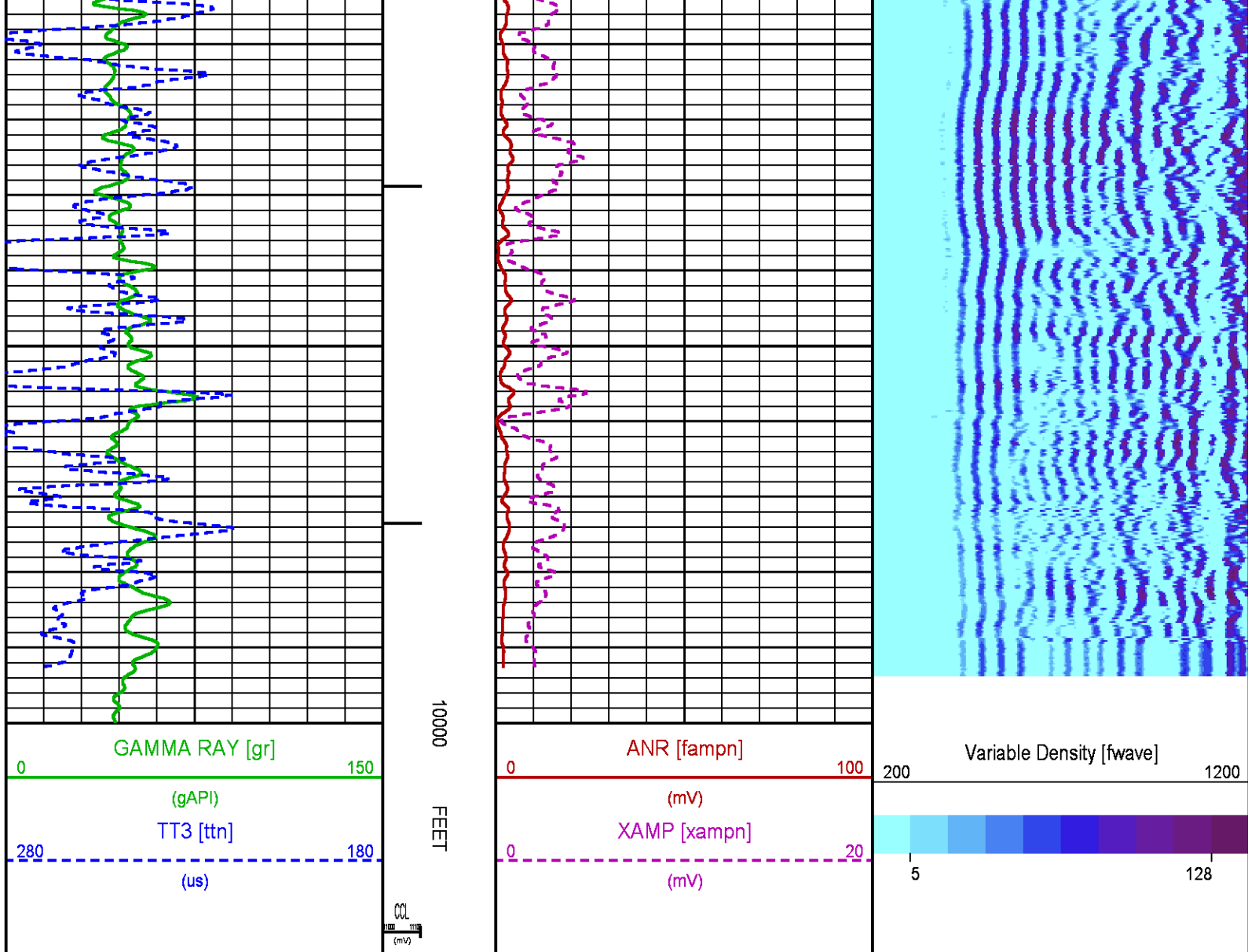


Plotted: Tue Feb 10 13:09:15 2015

PARAMETER AND FILTER SUMMARY REPORT							
FILE: /dat1a/CH094745/n012e01.prm LOGGING MODE: DEPTH DIRECTION: UP TOP DEPTH: 9685.000 ft BOTTOM DEPTH: 10017.504 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*)	186	us	TOP	BOTTOM		
	AMP WINDOW LENGTH	25	us	"	"		
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	177	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*)	-71	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	Feb 10 08:59:36 2015	CASING COLLAR LOCATOR					
F1:FAMPN	Feb 10 08:59:36 2015	FIXED GATE AMPLITUDE NEAR RECEIVER					
F1:FWAVE	Feb 10 08:59:36 2015	FAR WAVE FORM					
F1:GR	Feb 10 08:59:36 2015	GAMMA RAY					
F1:TTN	Feb 10 08:59:36 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER					
F1:XAMPN	Feb 10 08:59:36 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:/dat1a/CH094745/431CBL_REPEAT.fvpdf [5"/100' Scale] Plot Interval : 9690 - 10006 Feet Data File 1 : F1 : HL6670:/dat1a/CH094745/431CBL_REPEAT.xtf Created On : Feb 10 08:59:36 2015 Company : WPX ENERGY Well : YOUNBERG RU 431-7 Field : RULISON File Interval : 9661 - 10007.5 Feet OCT : n012e							







CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH094745/n012e.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10154957

DATE/TIME PERFORMED: Tue Feb 10 08:14:05 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	0.33	0.07	-0.10	0.31	0.03	-0.96	-0.33	0.20	3.26	0.00
AMP FLUID (mV)	164	163	162	162	161	164	165	165	163	223	160
TT (us)	217	217	216	216	216	216	216	216	218	325	217
M FACTOR	0.61	0.62	0.62	0.62	0.62	0.61	0.60	0.61	0.61	0.68	0.62

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10154957 DATE/TIME PERFORMED: Tue Feb 10 08:18:00 2015 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	-1.44	-1.81	-1.90	-1.77	-1.85	-1.79	-1.77	-1.69	-1.62	-2.11	0.00
AMP AIR	1.48	1.69	1.89	1.64	1.74	1.72	1.75	1.47	1.61	2.07	100.07

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
0.62	0.00	1.00

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 2459XA 10218503 DATE/TIME PERFORMED: Sat Feb 7 08:04:38 2015

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

	BACKGROUND (cts)	CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	97.87	365.24	267.4	0.692	67.72	252.72	185

GR PRIMARY VERIFICATION SUMMARY

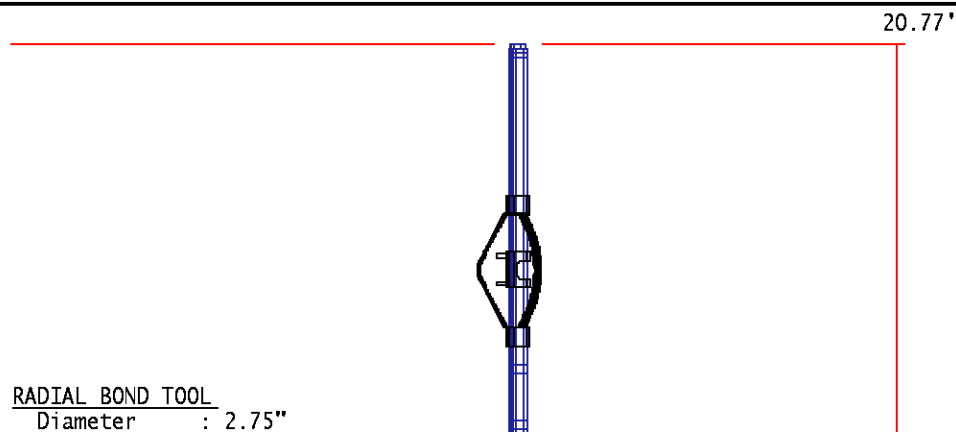
TOOL #: 2459XA 10218503 DATE/TIME PERFORMED: Sat Feb 7 08:06:38 2015

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

	BACKGROUND (cts)	CALBRTR ON (cts)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	97.69	370.71	0.692	67.59	256.50	188.91
						175.00 195.00

INSTRUMENT CONFIGURATION

Source File: /dat1a/CH094745/CBL-tdg



Length : 11.17'
 Weight : 126 lbs
 Series : 1426XA
 Mnemonic : RAL
 Measure Point: 4.21': NEAR RCVR
 Measure Point: 3.25': FAR RCVR

NEAR RCVR — 13.81'

FAR RCVR — 12.85'

CCL — 8.65'

GR — 6.79'

NEU — 1.40'


0.00'

RAL NEUTRON/GR/CCL/CHV DETECTOR

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

BULL PLUG 2 3/4

TOTAL LENGTH: 20.77'
 TOTAL WEIGHT: 248 lbs
 MAX DIAMETER: 0'4.00"

	COMPANY <u>WPX ENERGY</u> WELL <u>YOUBERG RU 431-7</u> FIELD <u>RULISON</u> COUNTY <u>GARFIELD</u> STATE <u>CO</u>	FILE NO: <u>CH094745</u> API NO: <u>05045223460000</u>
	LOCATION: SHL: 2452' FNL & 379' FEL BHL: 1052' FNL & 1164' FEL SEC <u>7</u> TWP <u>7S</u> RGE <u>93W</u>	ELEVATIONS: KB 7763 FT DF GL 7737 FT
	DATE <u>10-Feb-2015</u>	

