



FILE NO: CH096704	COMPANY WPX ENERGY
API NO: 05103119820000	WELL FEDERAL RGU 44-26-198
	FIELD SULPHUR CREEK
	COUNTY RIO BLANCO
	STATE COLORADO
Ver. 4.01 SEC 26 T1S R98W 44-26-198 H&P 318	LOCATION: SHL: 2460' FNL 905' FEL BHL: 1089' FSL 17' FEL SEC 26 TWP 1S RGE 98W
PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	OTHER SERVICES RPM ELEVATIONS: KB 6646 FT DF GL 6622 FT

DATE		26-May-2015	
RUN	TRIP	1	1
SERVICE ORDER		US096704J	
DEPTH DRILLER		12807 FT	
DEPTH LOGGER		12750 FT	
BOTTOM LOGGED INTERVAL		12740 FT	
TOP LOGGED INTERVAL		0 FT	
TIME STARTED		8:30	
TIME FINISHED		12:15	
OPERATOR RIG TIME		3:45	
TYPE OF FLUID IN HOLE		WATER	
FLUID DENSITY		NA	
FLUID SALINITY		NA	
FLUID LEVEL		190 FT	
LOGGED CEMENT TOP		NA	
WELLHEAD PRESSURE		0 PSI	
MAXIMUM HOLE DEVIATION		NA	
NOMINAL LOGGING SPEED		80 F/MN	
MAX. RECORDED TEMP.		277 DEGF	
REFERENCE LOG		NONE	
REFERENCE LOG DATE		NA	
EQUIP. NO.	LOCATION	6685	GRAND JCT
RECORDED BY		W. QUIGLEY	
WITNESSED BY		MR. COLT STEWART	

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

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
4.5 IN	11.6 LB/F		0 FT	12750 FT

REMARKS

RUN 1 TRIP 1: LOGGED WITH 0 PSI ON THE WELLHEAD

BHT: 277 DEGF

SJ: 7466'-7488'

THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE SERVICES
CREW: OLSON/MOORE/QUIGLEY
RIG: H&P 318

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	RAL	1426XA	10417452	CENTRALIZED
1	1	CCL/GR	2459XA	10417457	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: 7

Plotted: Thu May 28 17:37:41 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096704/n012e02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 39.000 ft BOTTOM DEPTH: 12768.693 ft

SYMMETRIC FILTER

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

RAL CCL PROCESSING

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

ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	187	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	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*)	-70	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

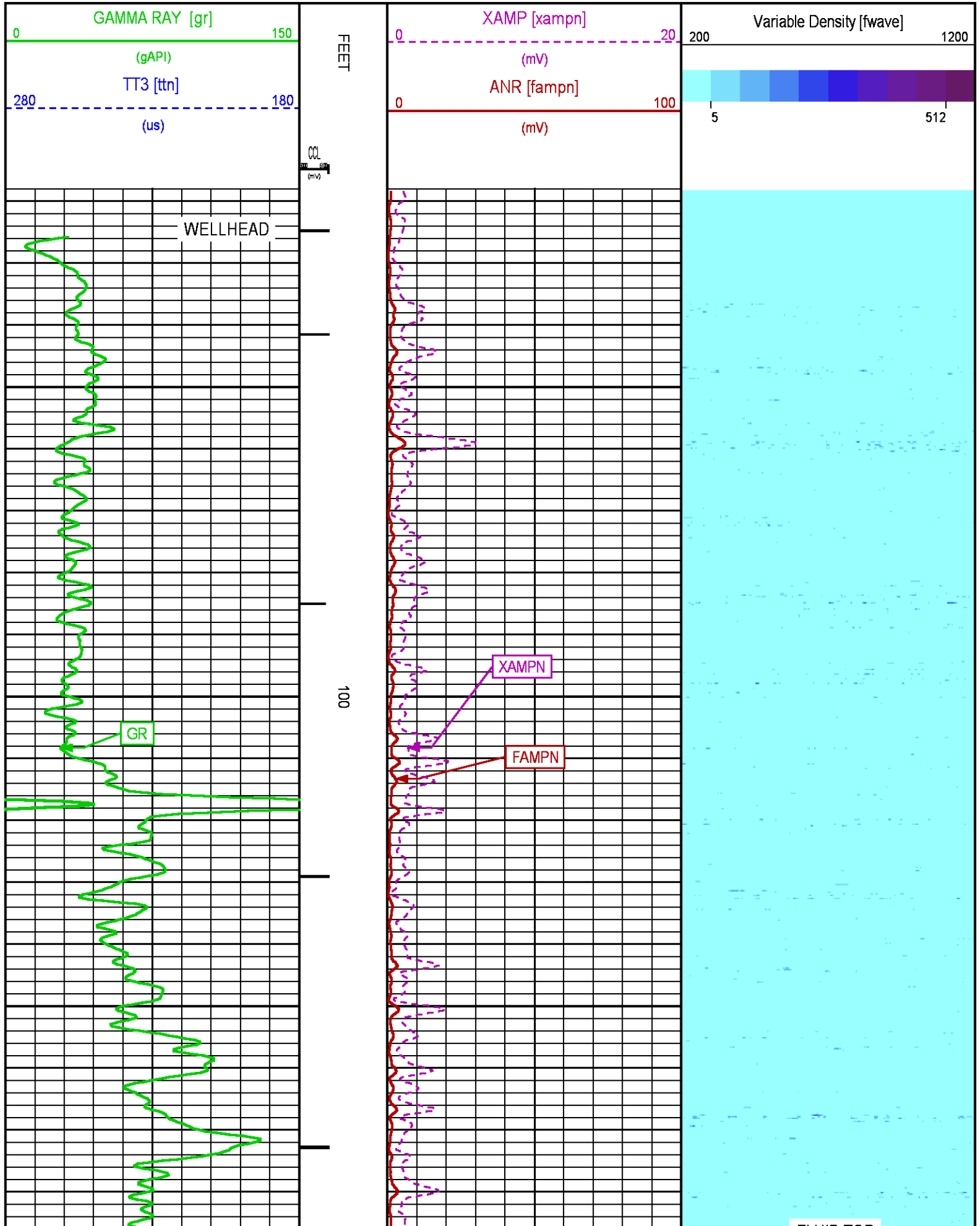
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	May 26 09:34:38 2015	CASING COLLAR LOCATOR
F1:FAMPN	May 26 09:34:38 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	May 26 09:34:38 2015	FAR WAVE FORM
F1:GR	May 26 09:34:38 2015	GAMMA RAY
F1:TTN	May 26 09:34:38 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	May 26 09:34:38 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

CURVE MEASURE POINT OFFSET

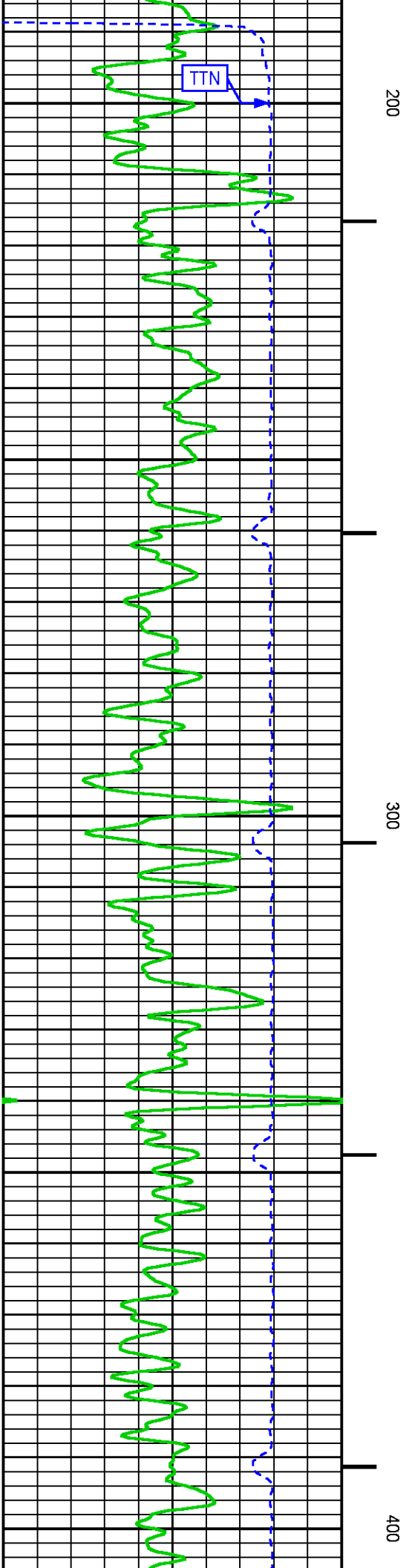
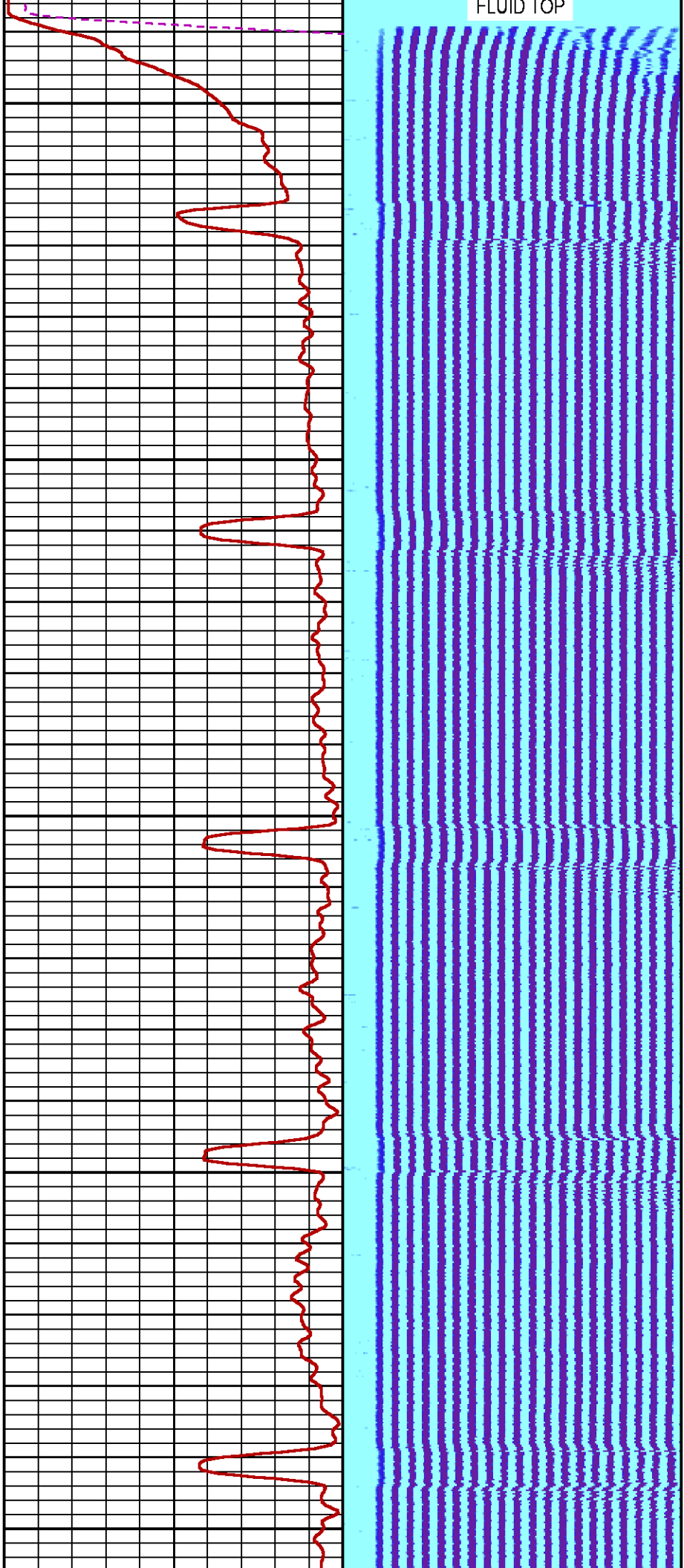
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

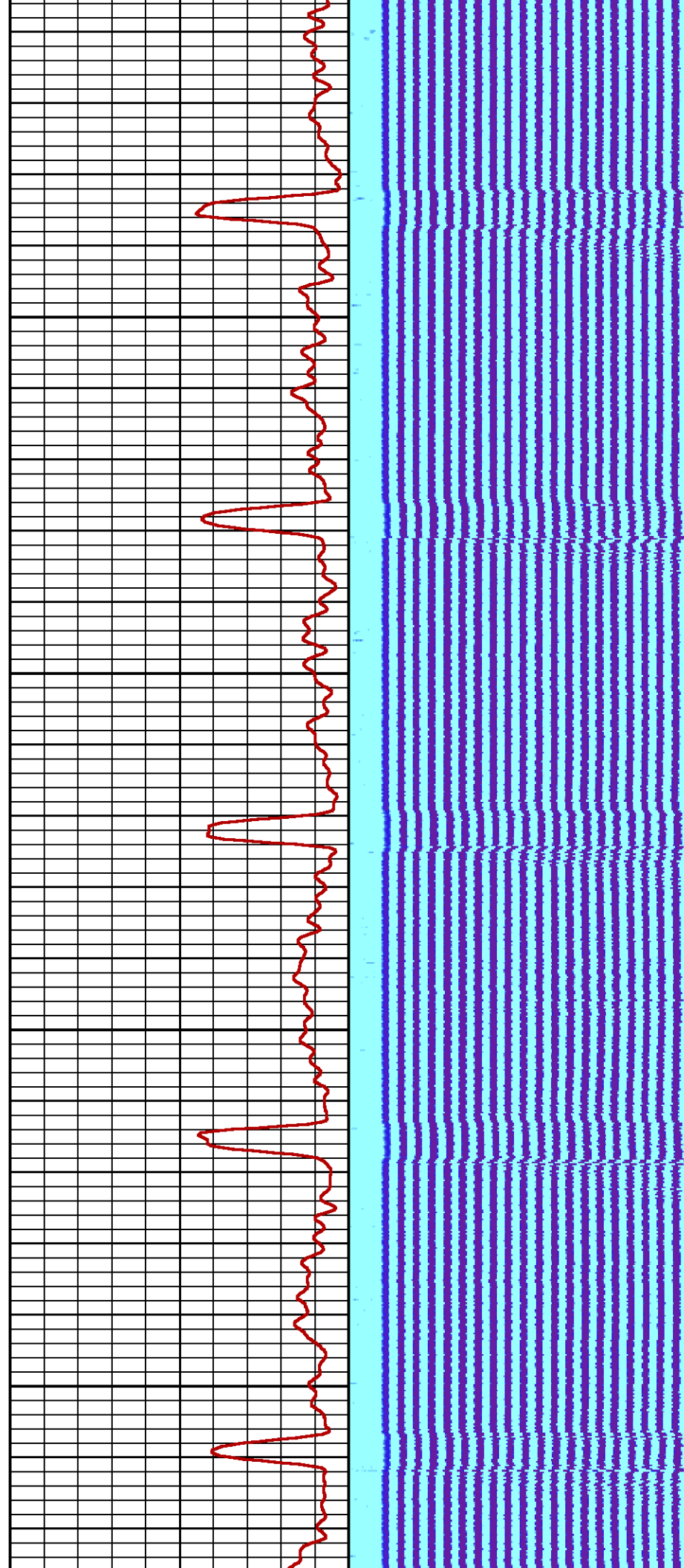
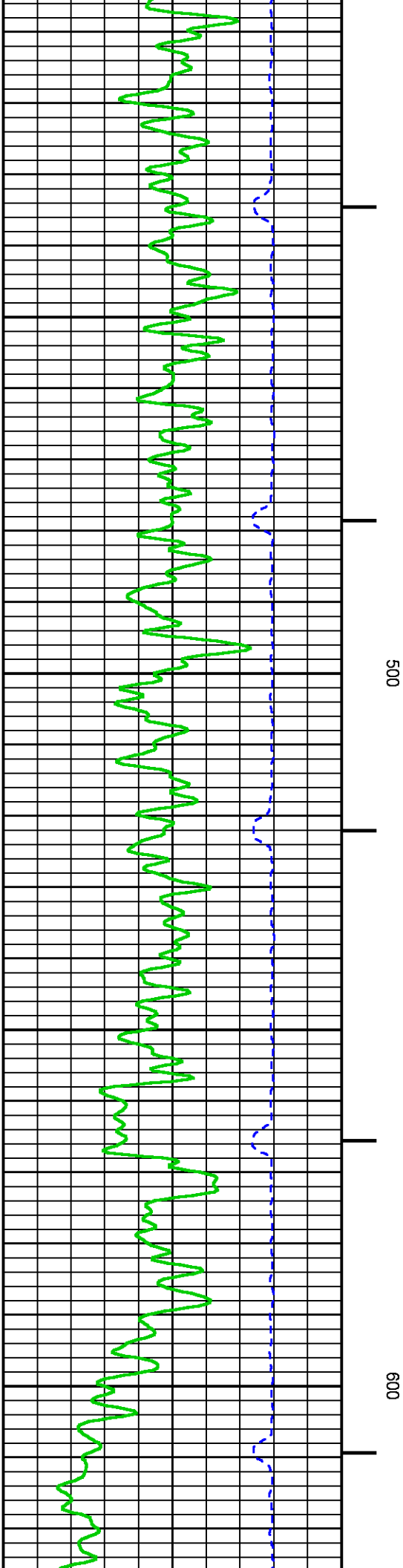
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Plot Interval : 18.25 - 12756.2 Feet

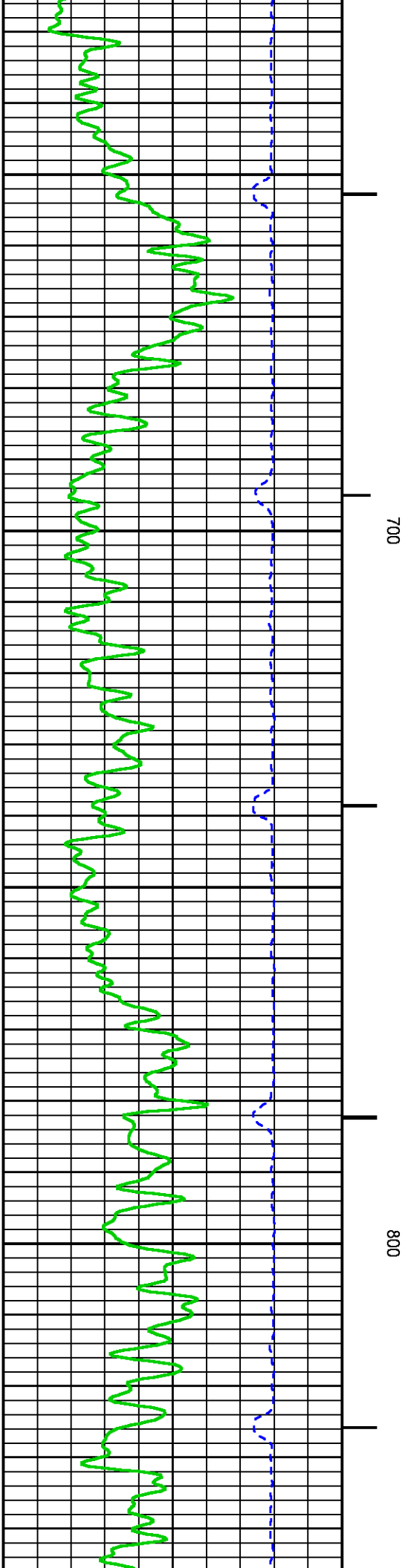
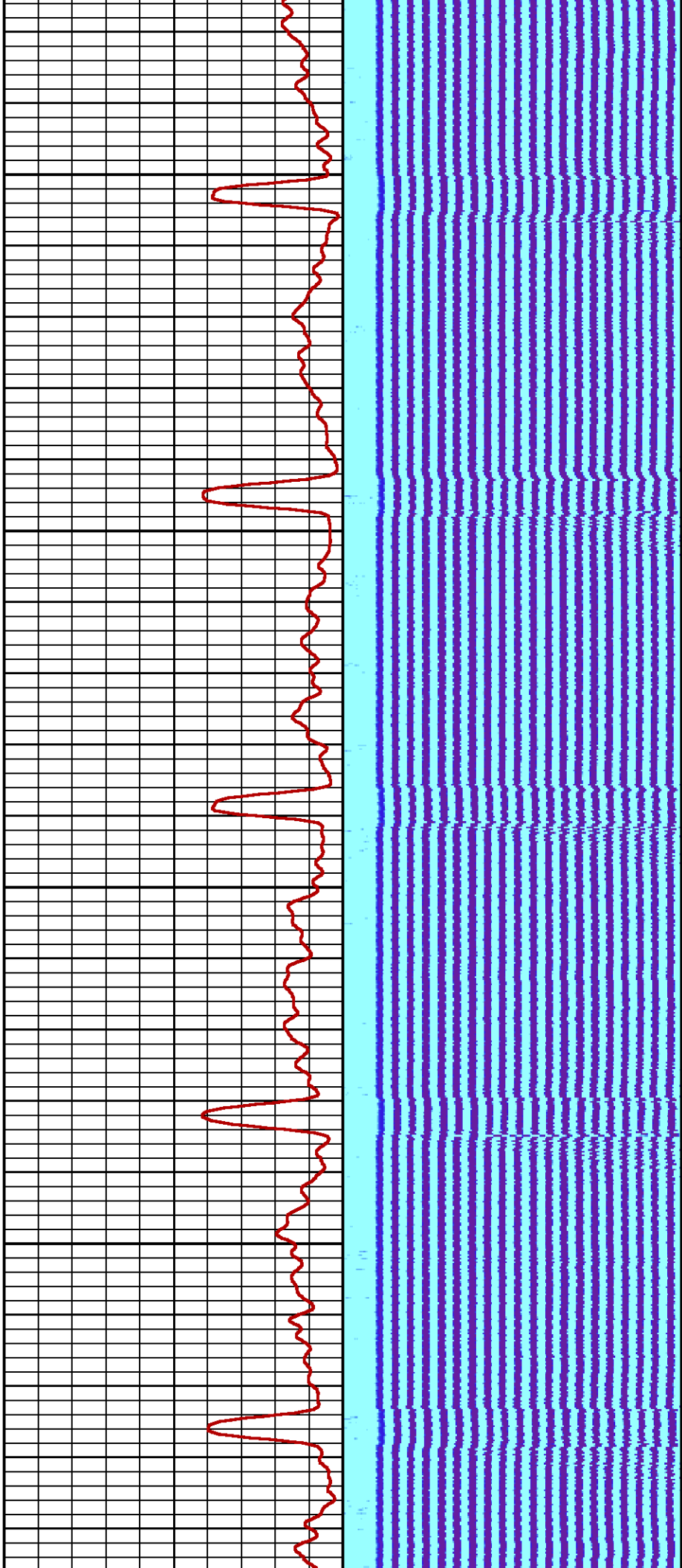
Data File 1 : F1 : cas6685/dar1a/CH096/04/n012e02_MAIN.xtf
Created On : May 26 09:34:38 2015
Company : WPX ENERGY
Well : FEDERAL RGU 44-26-198
Field : SULPHUR CREEK
File Interval : 17.25 - 12757.8 Feet
OCT : n012e

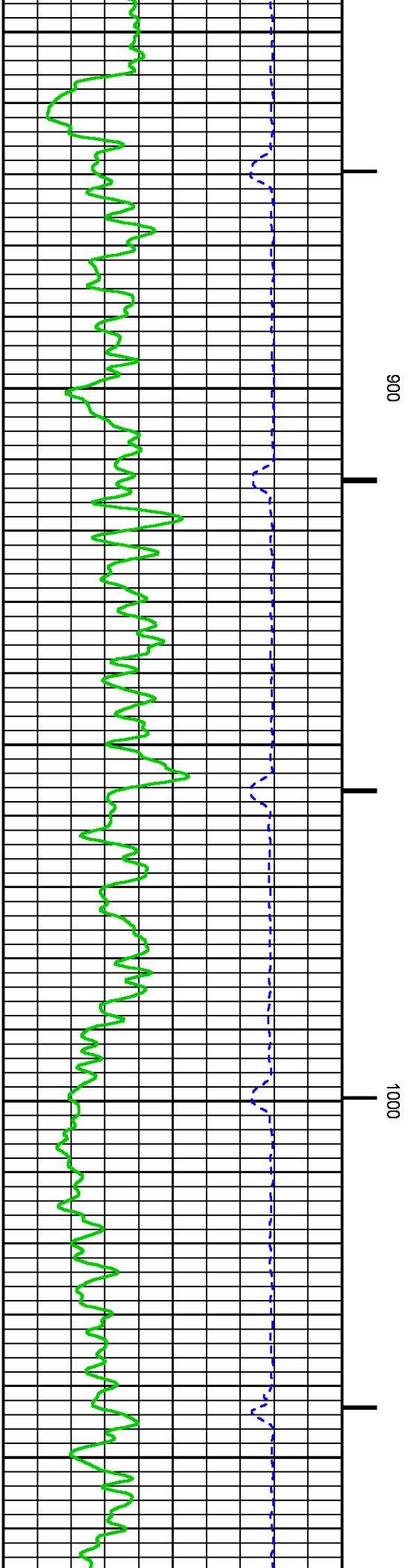
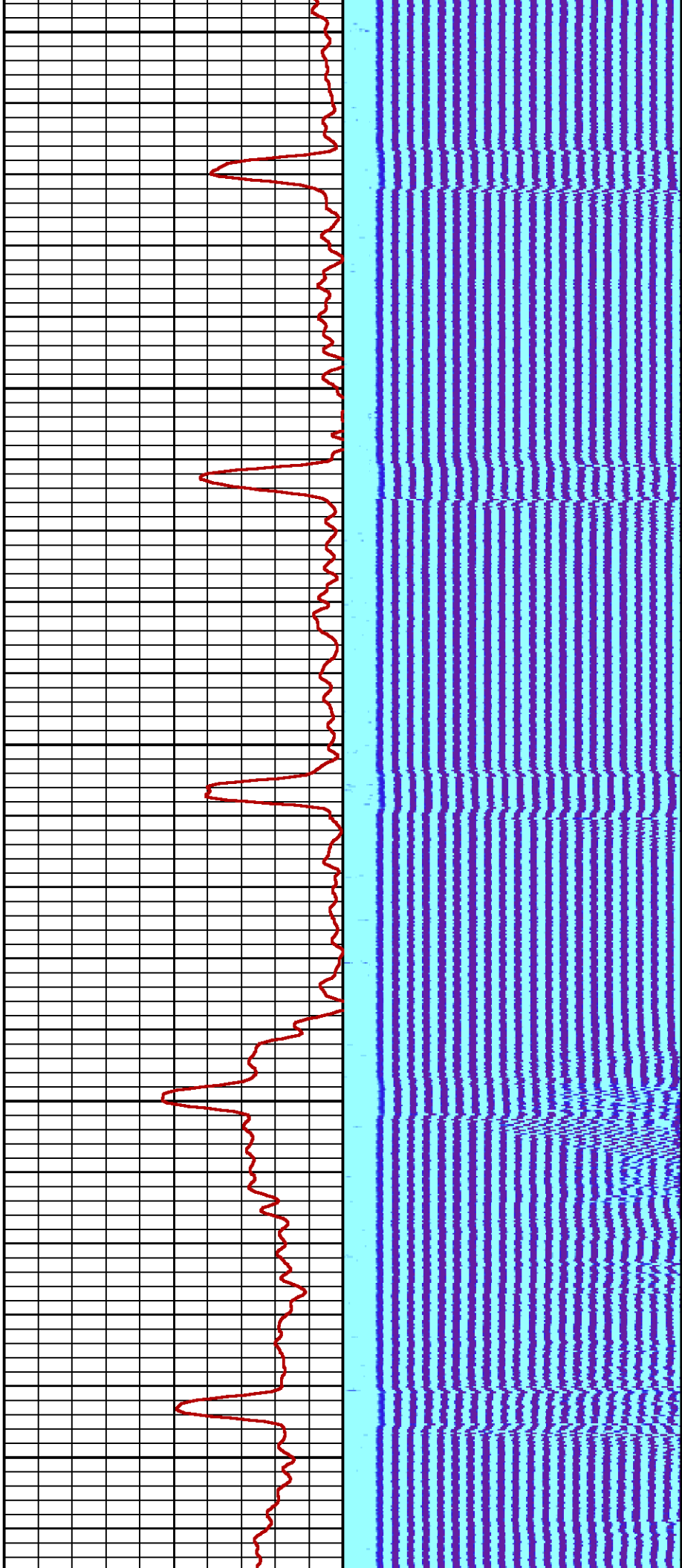


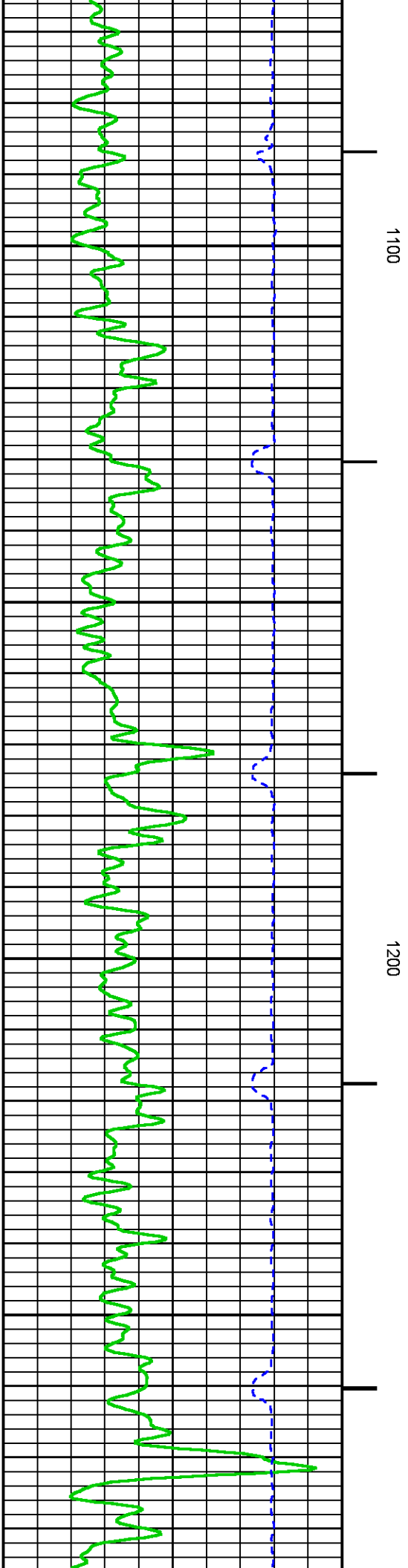
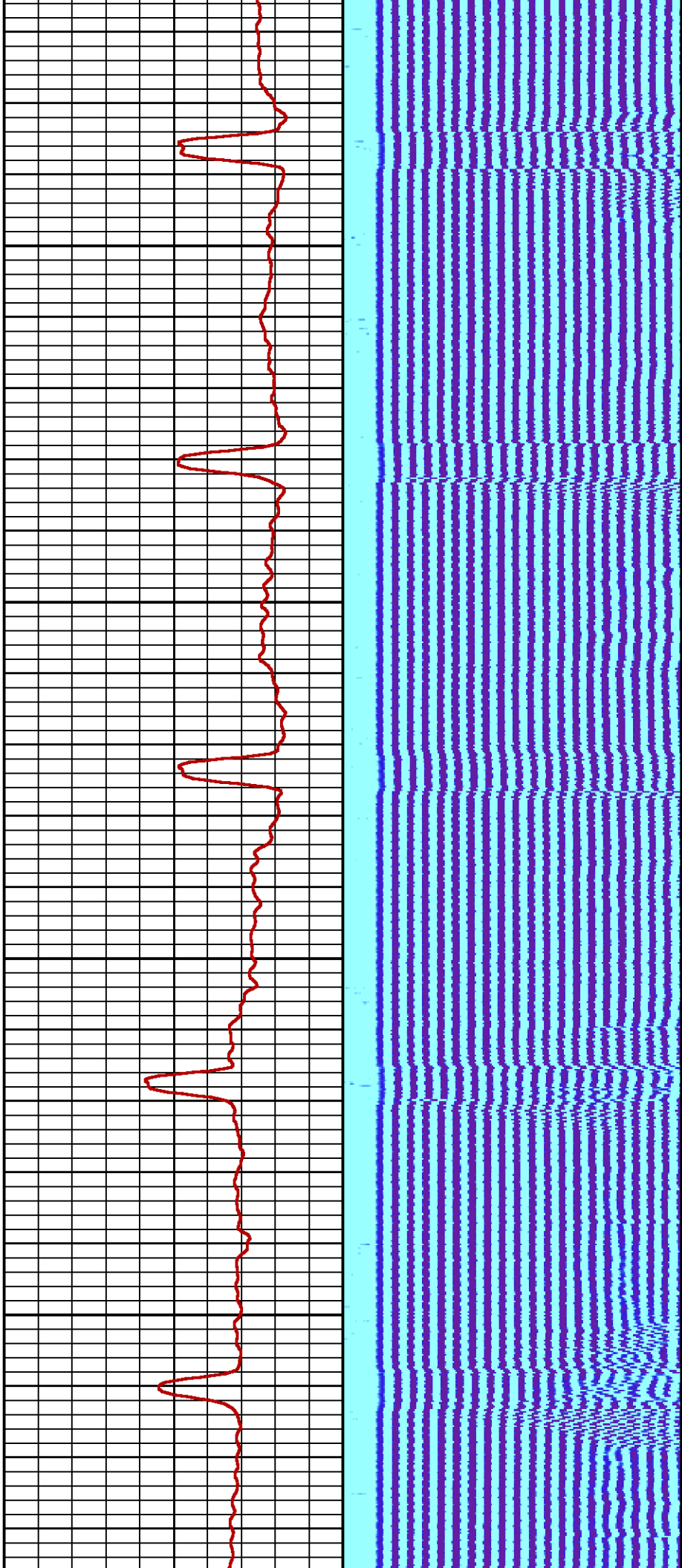
FLUID TOP

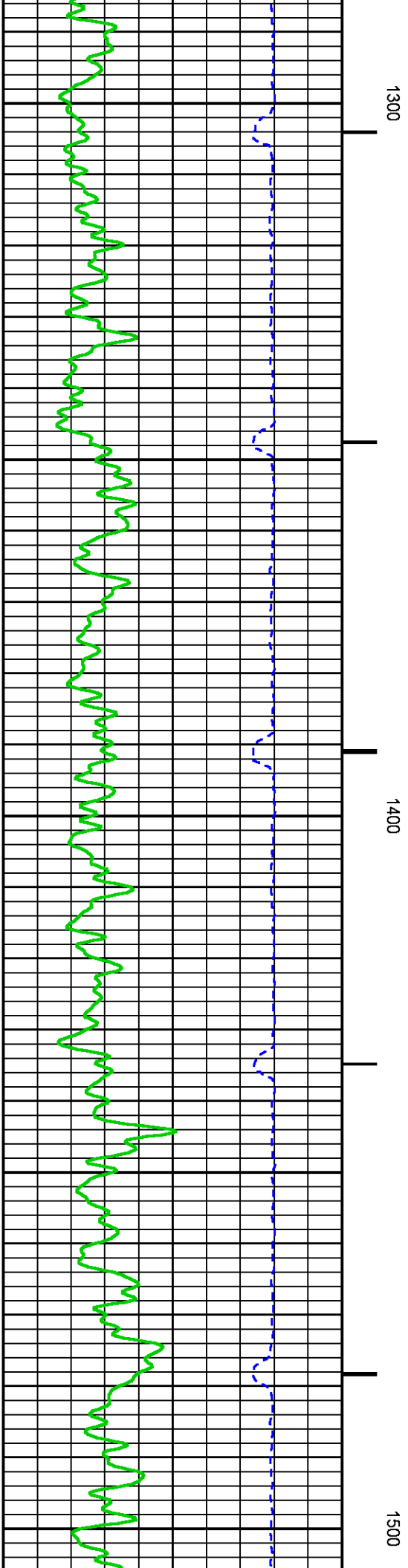
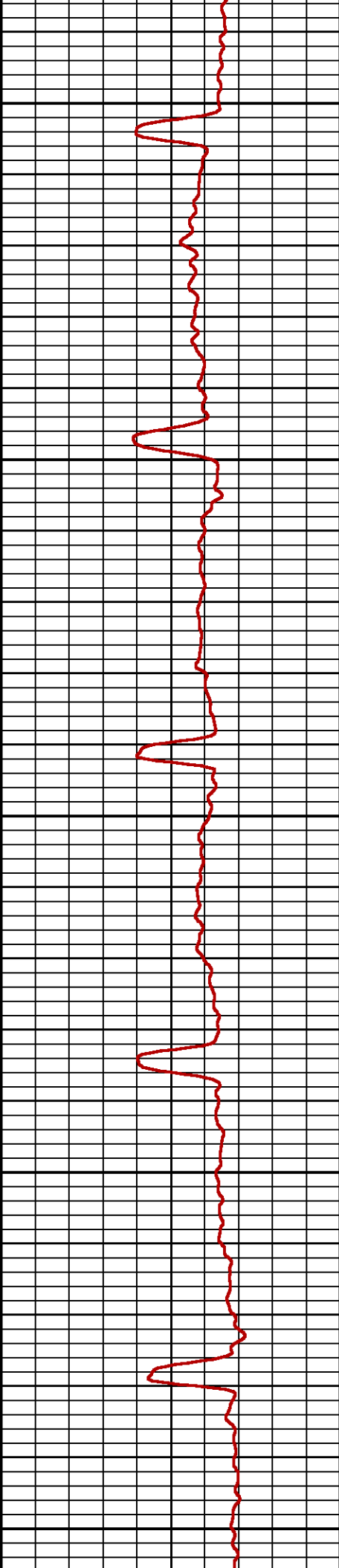
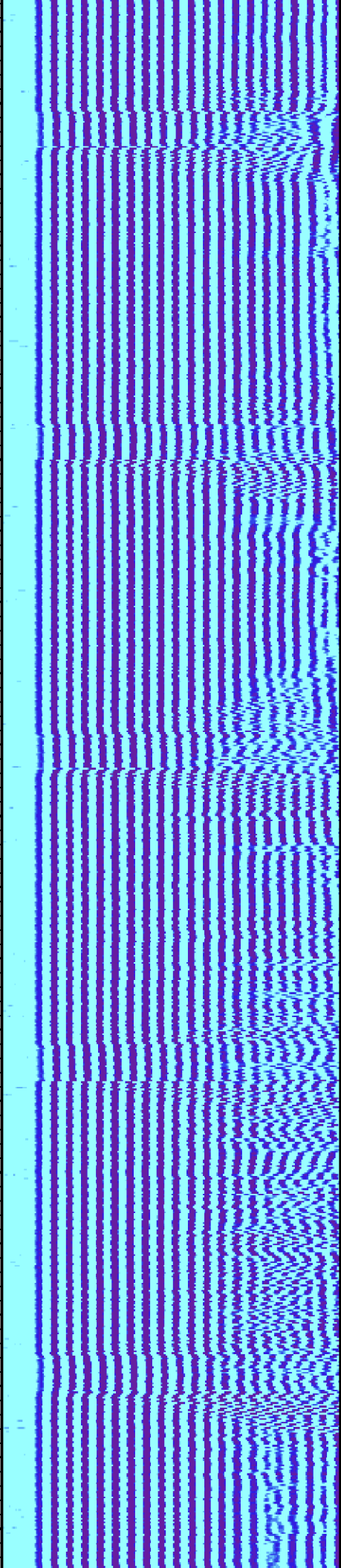


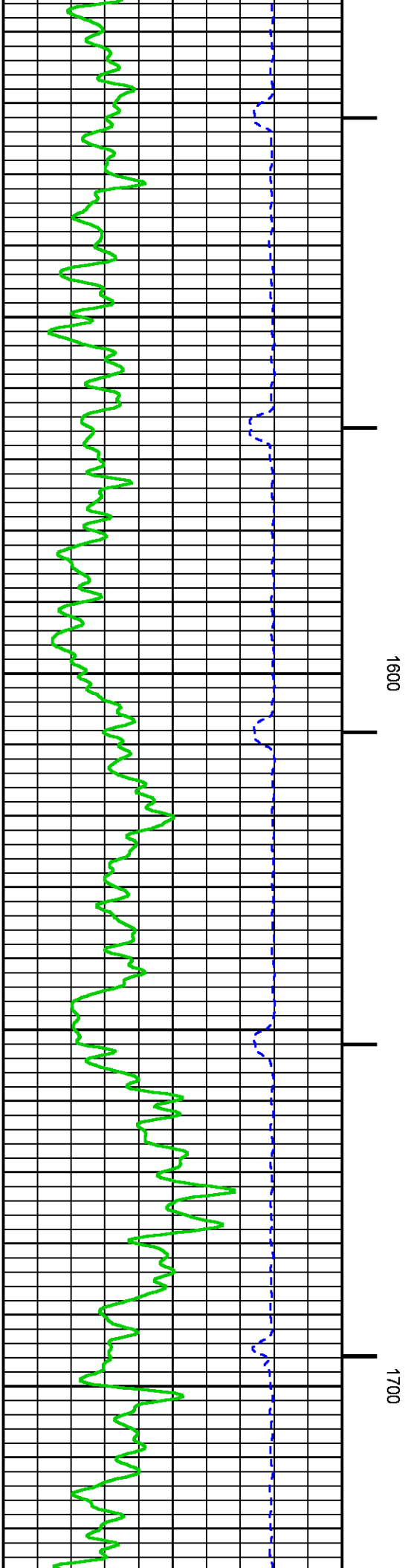
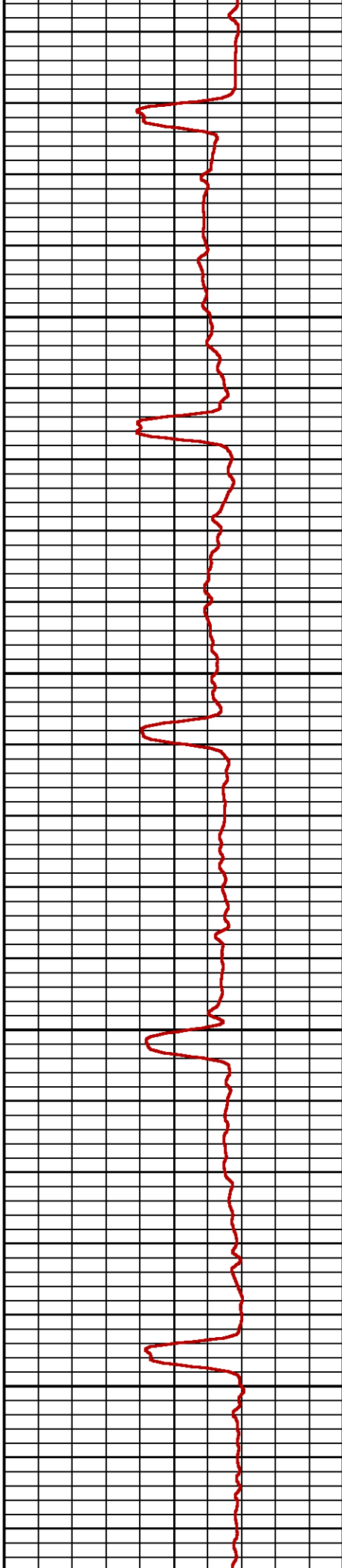
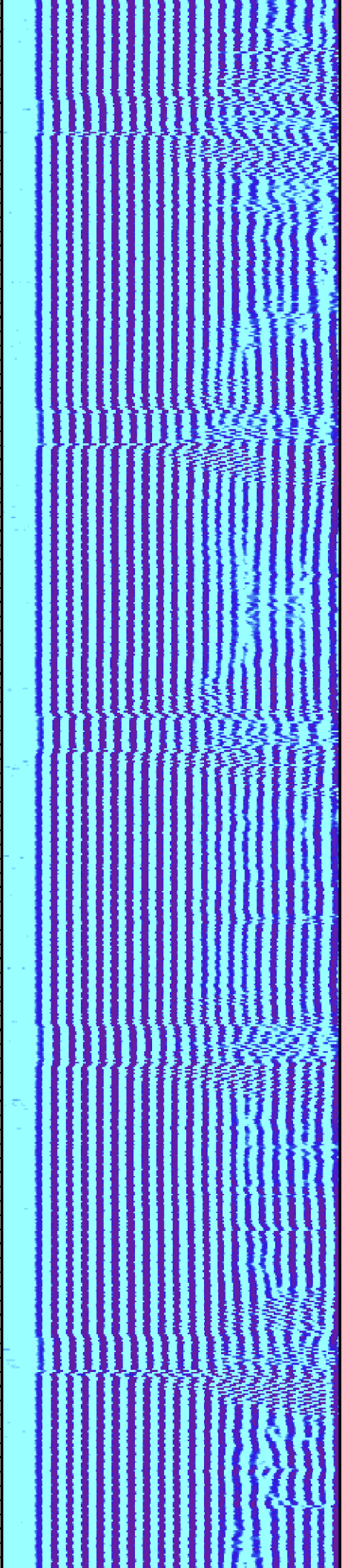


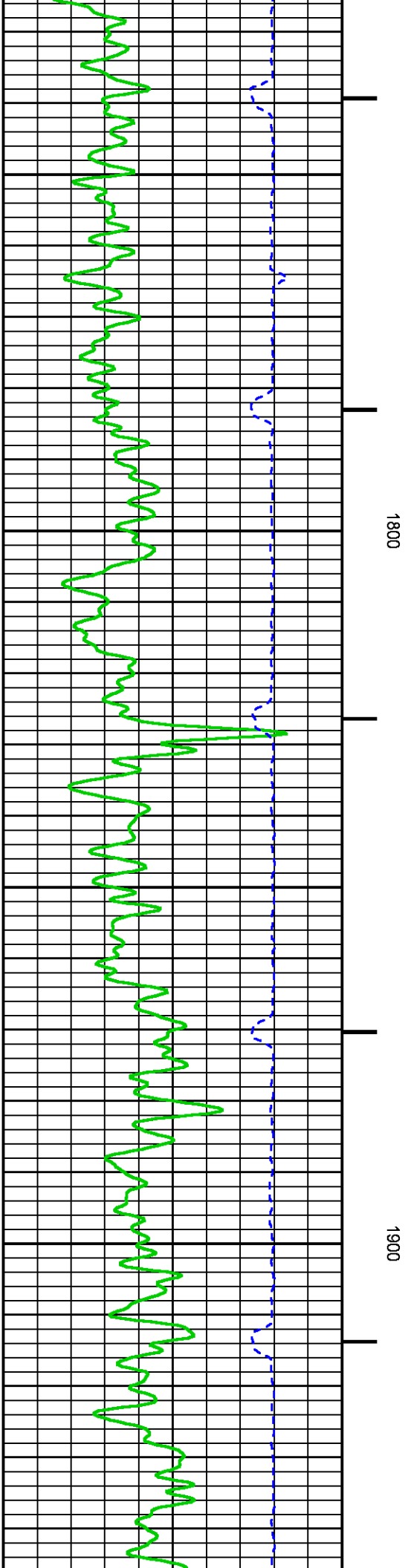
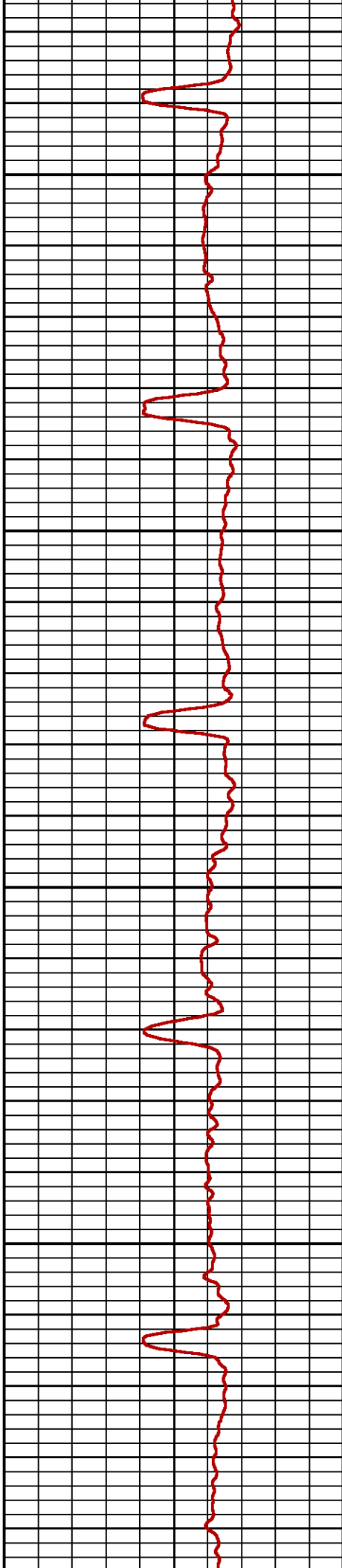
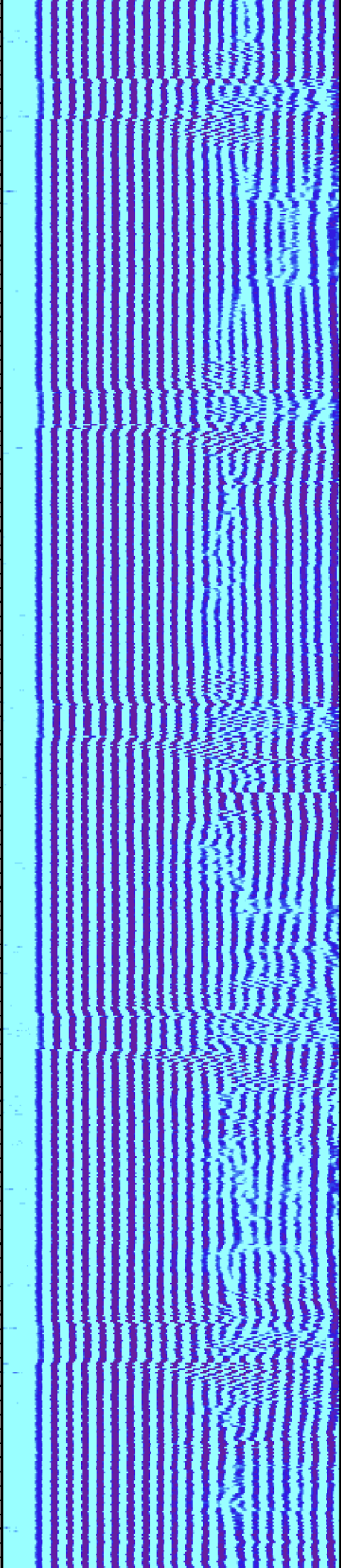


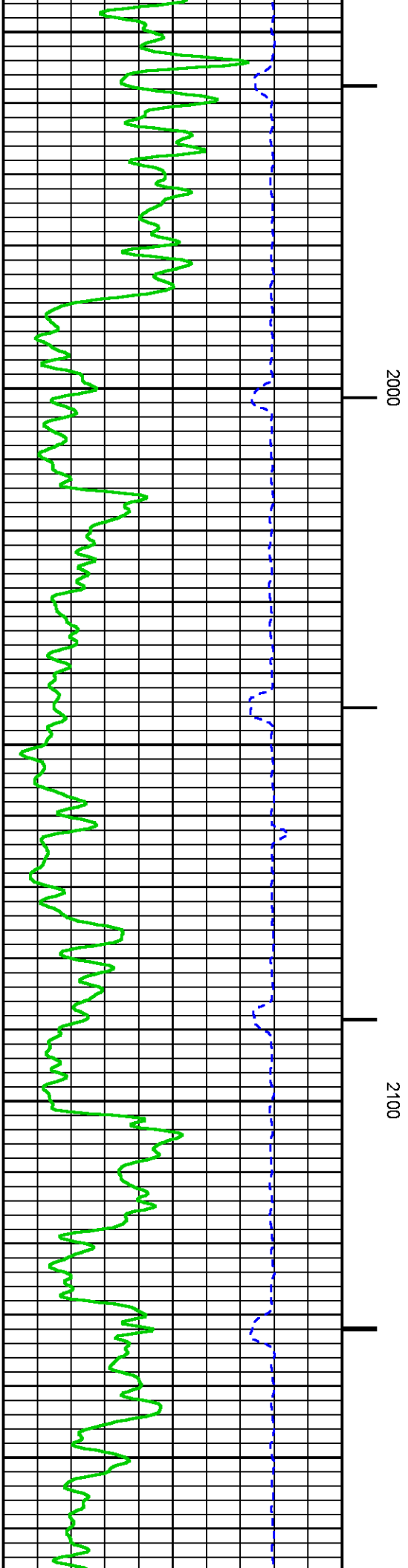
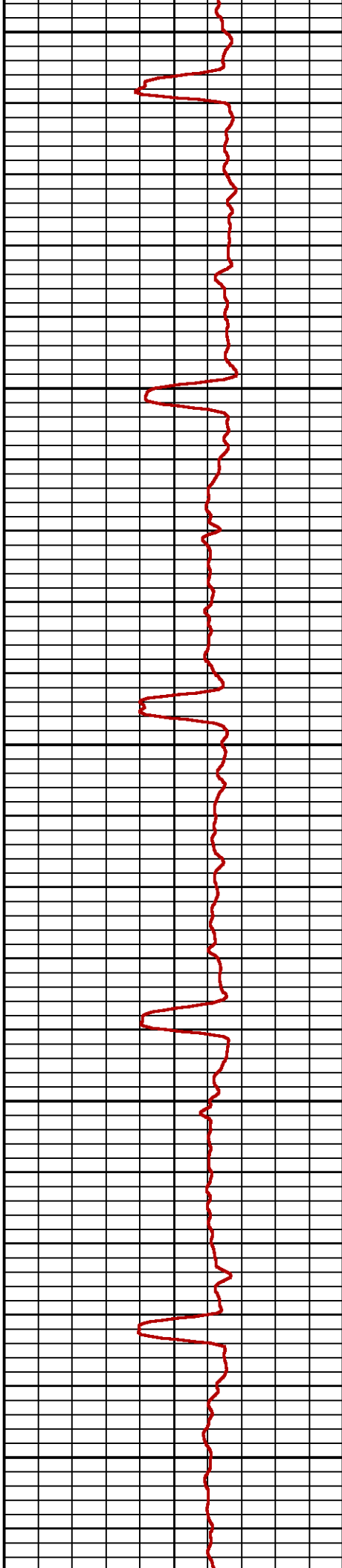
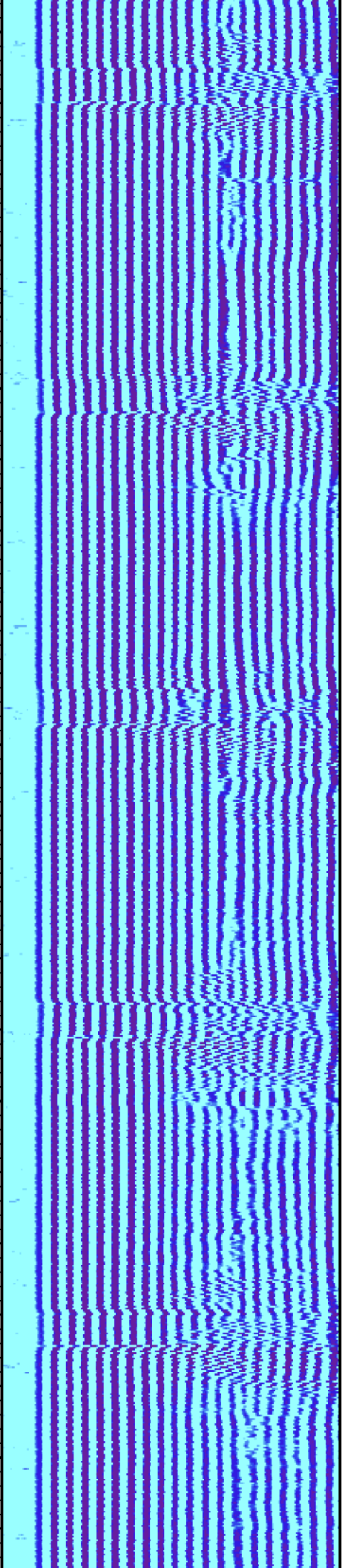


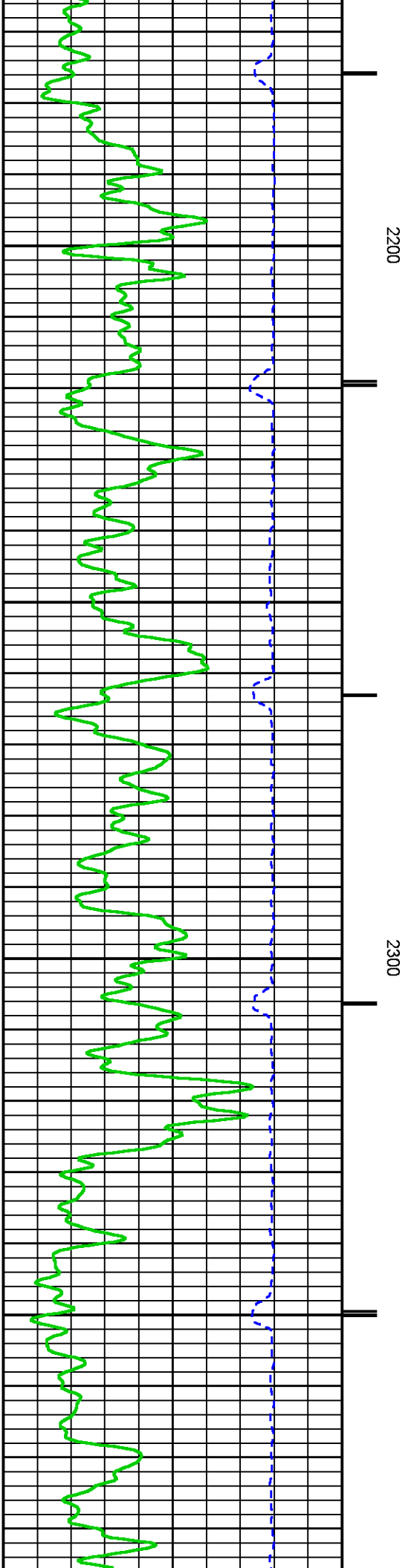
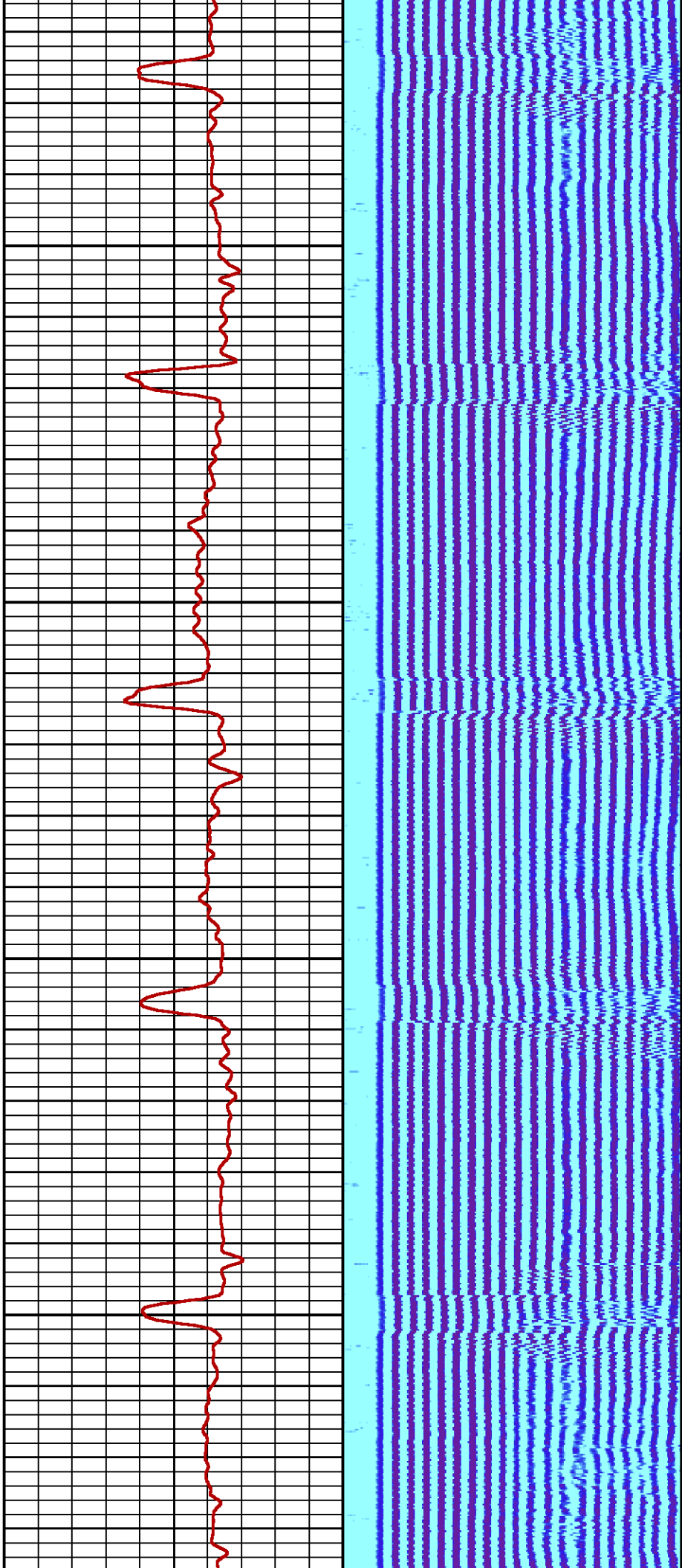


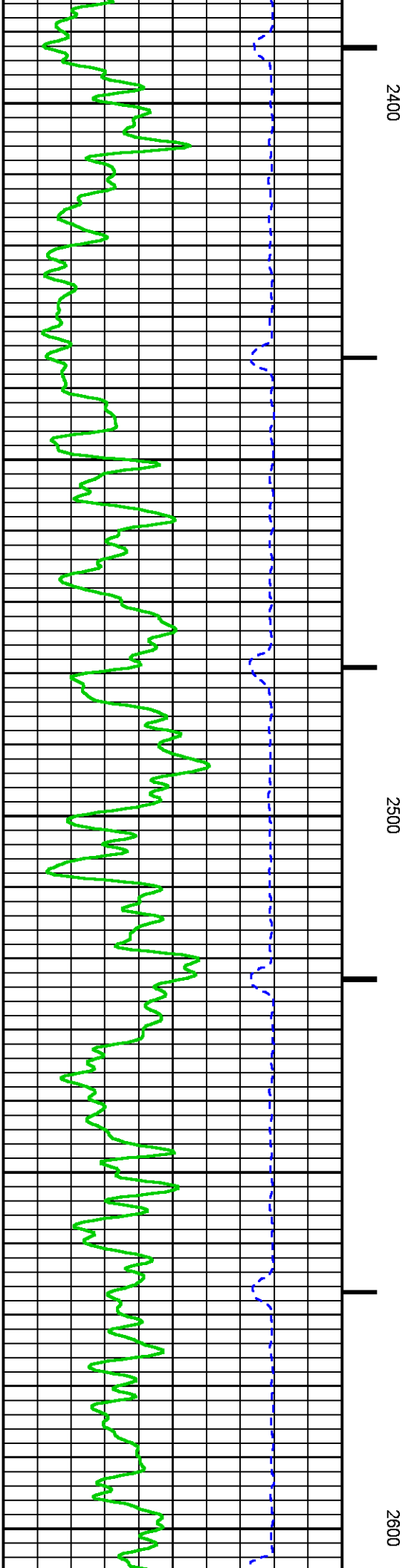
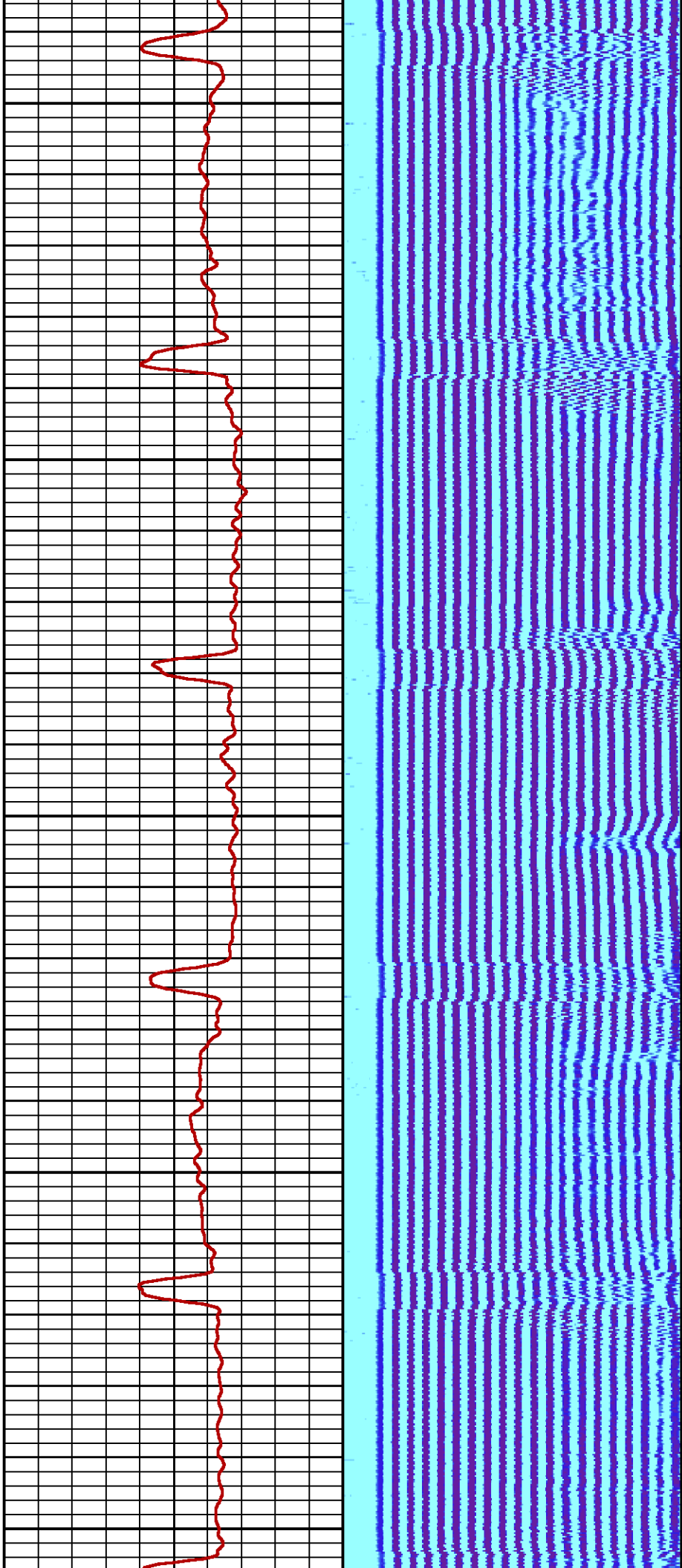


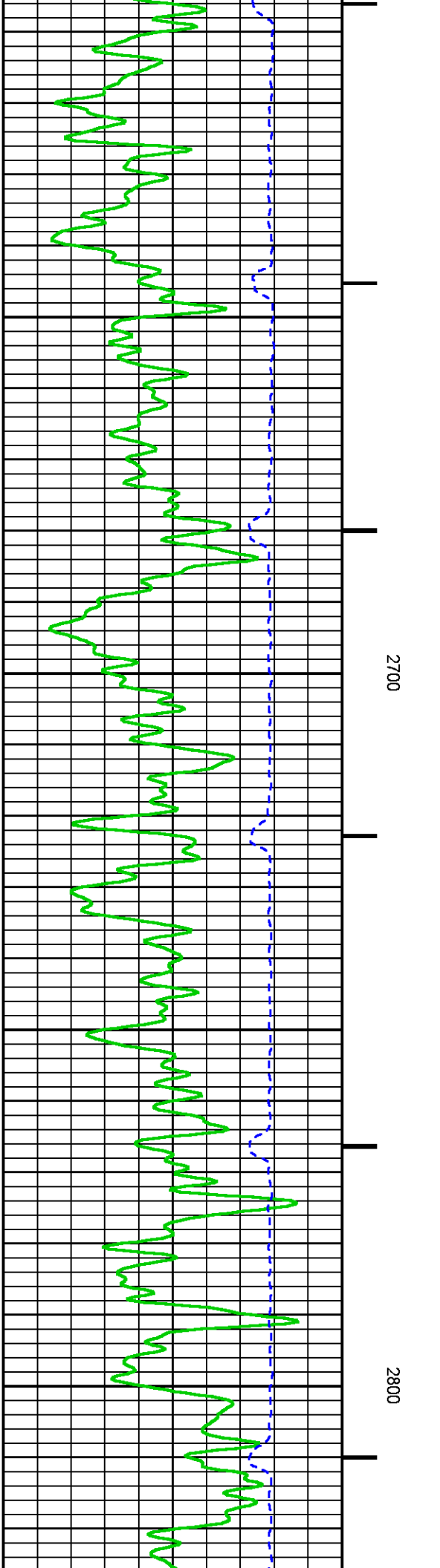
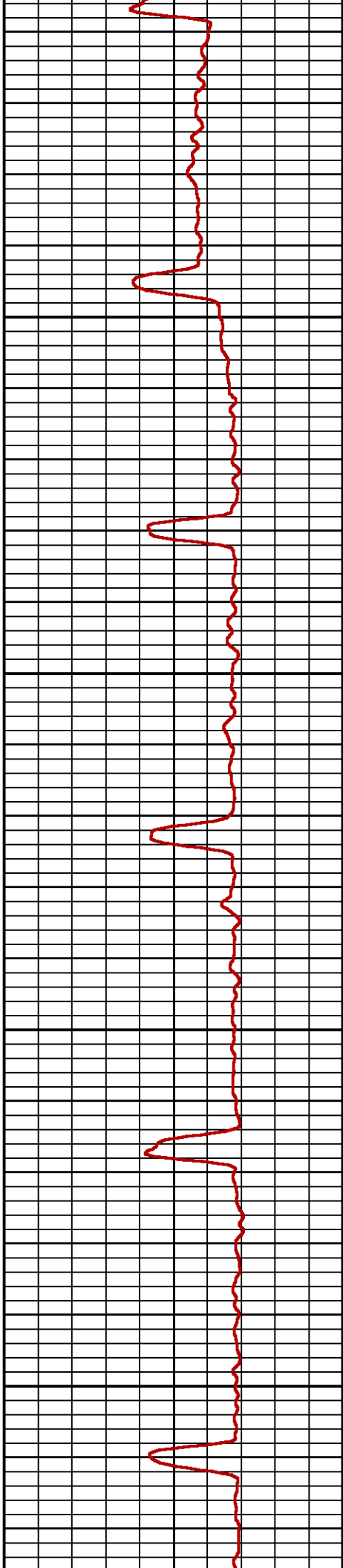
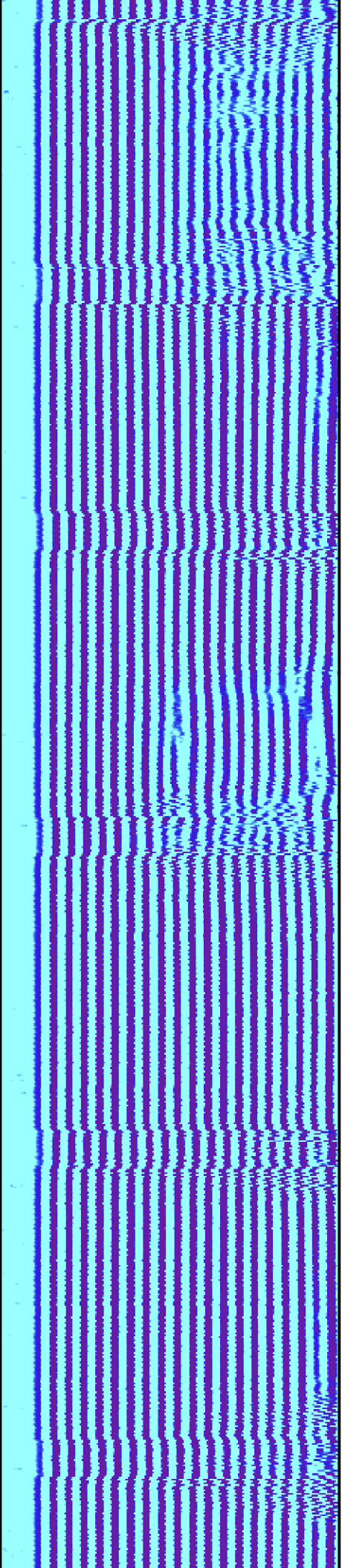


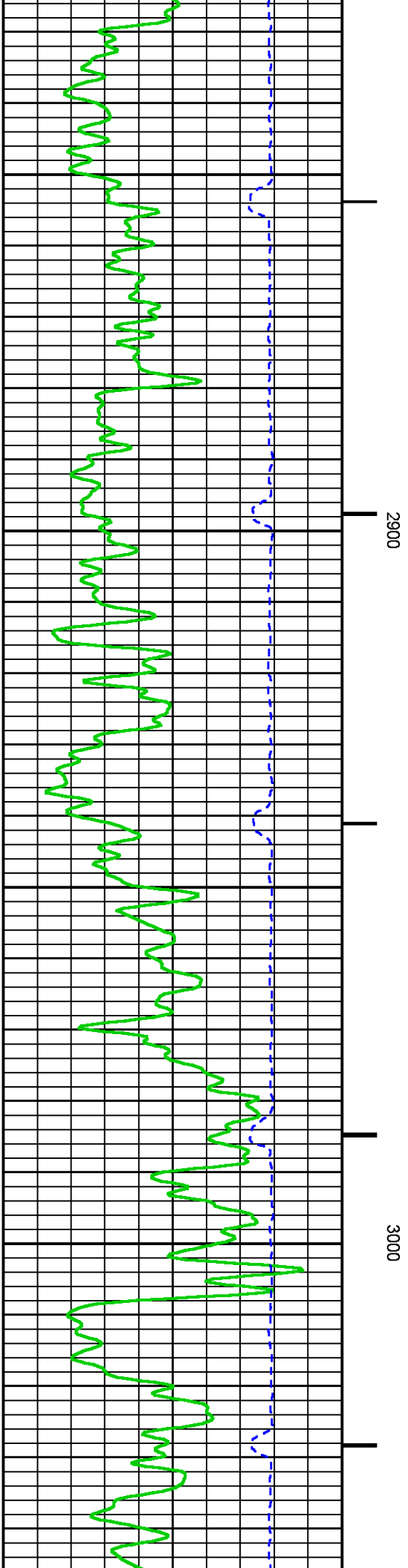
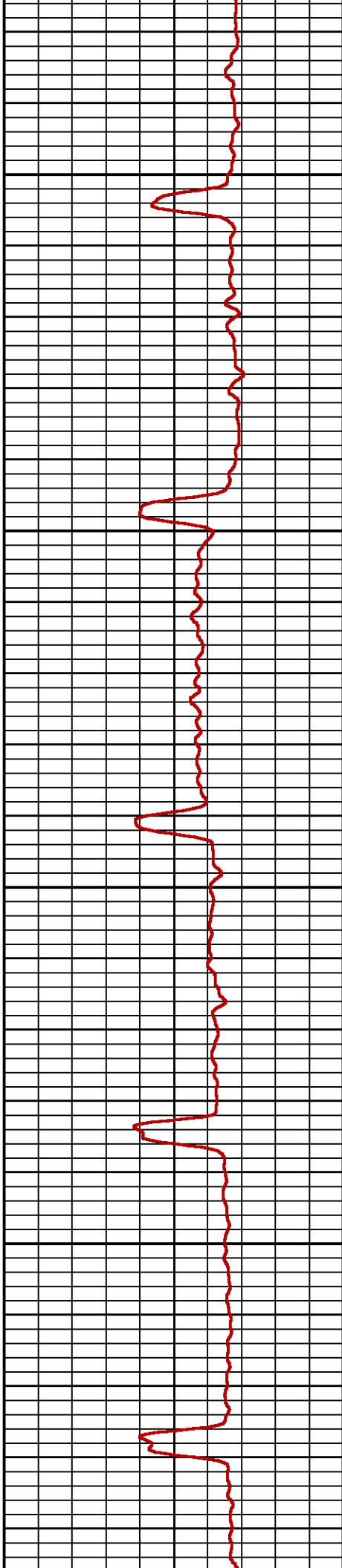
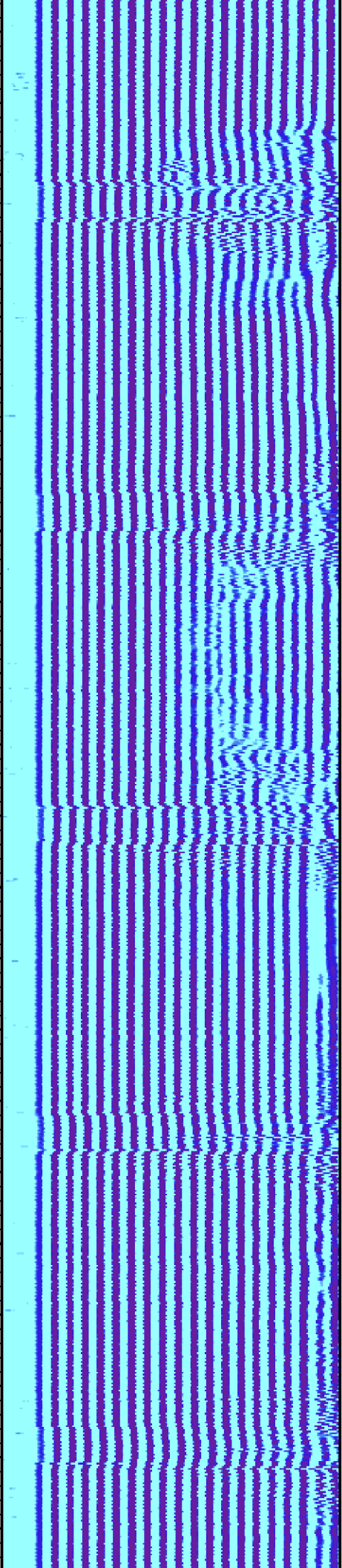


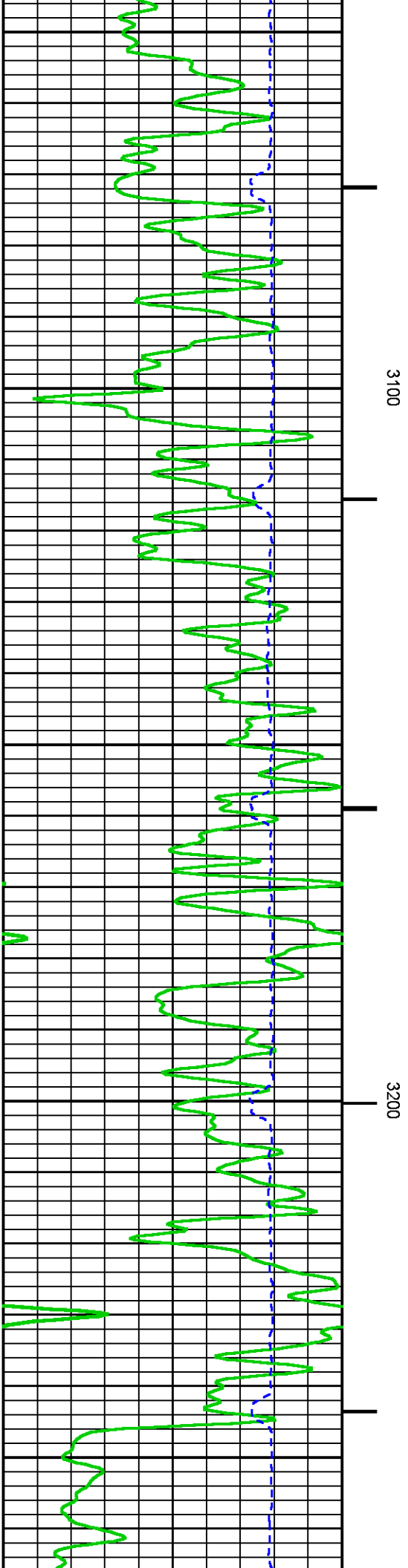
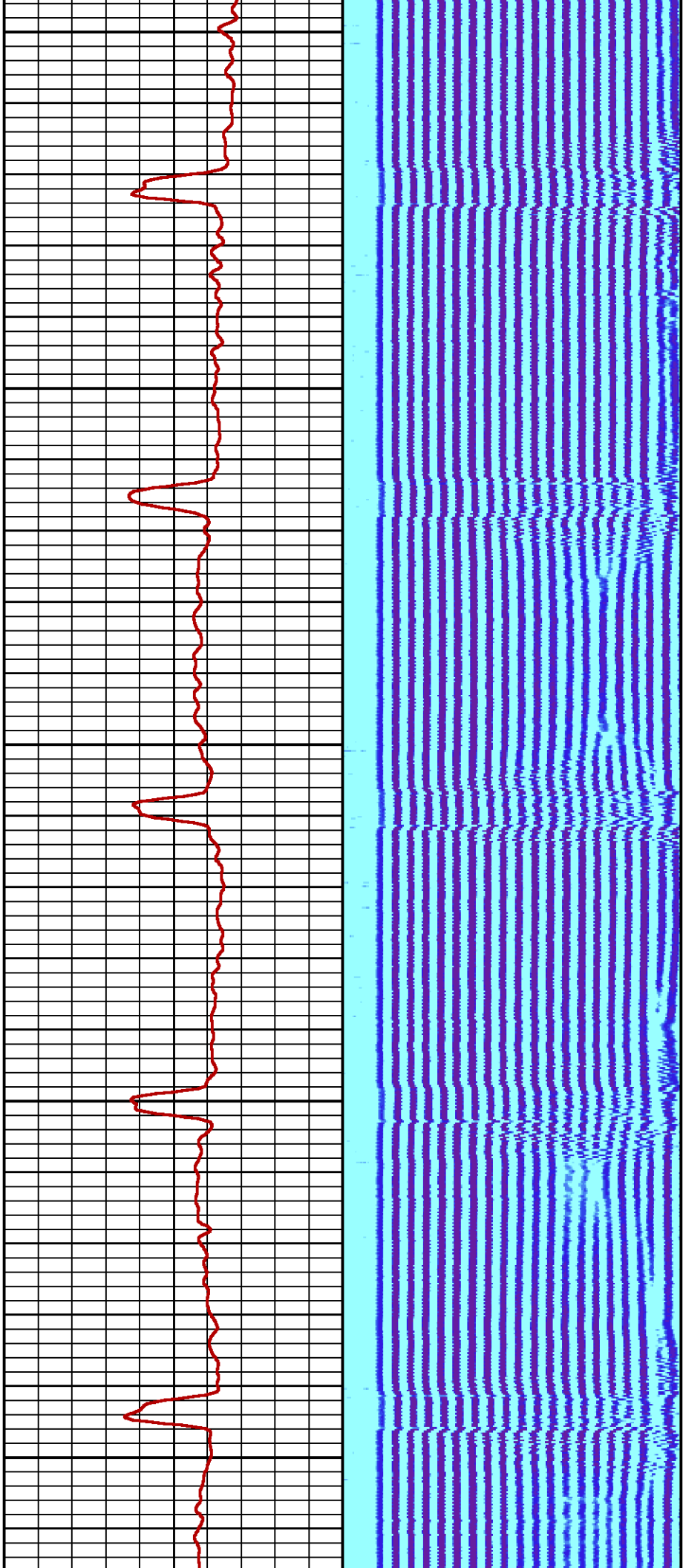


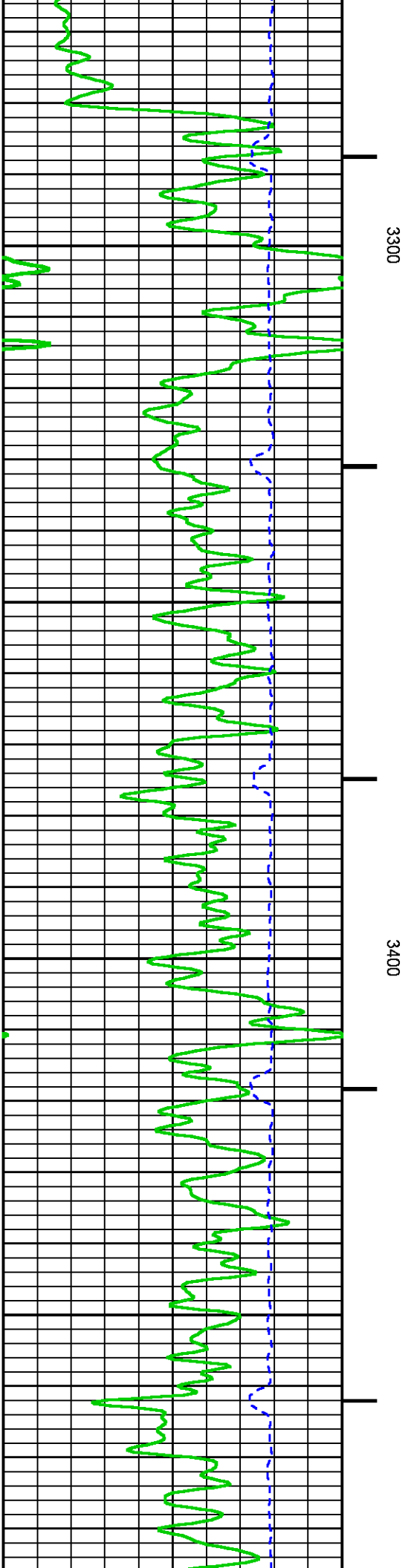
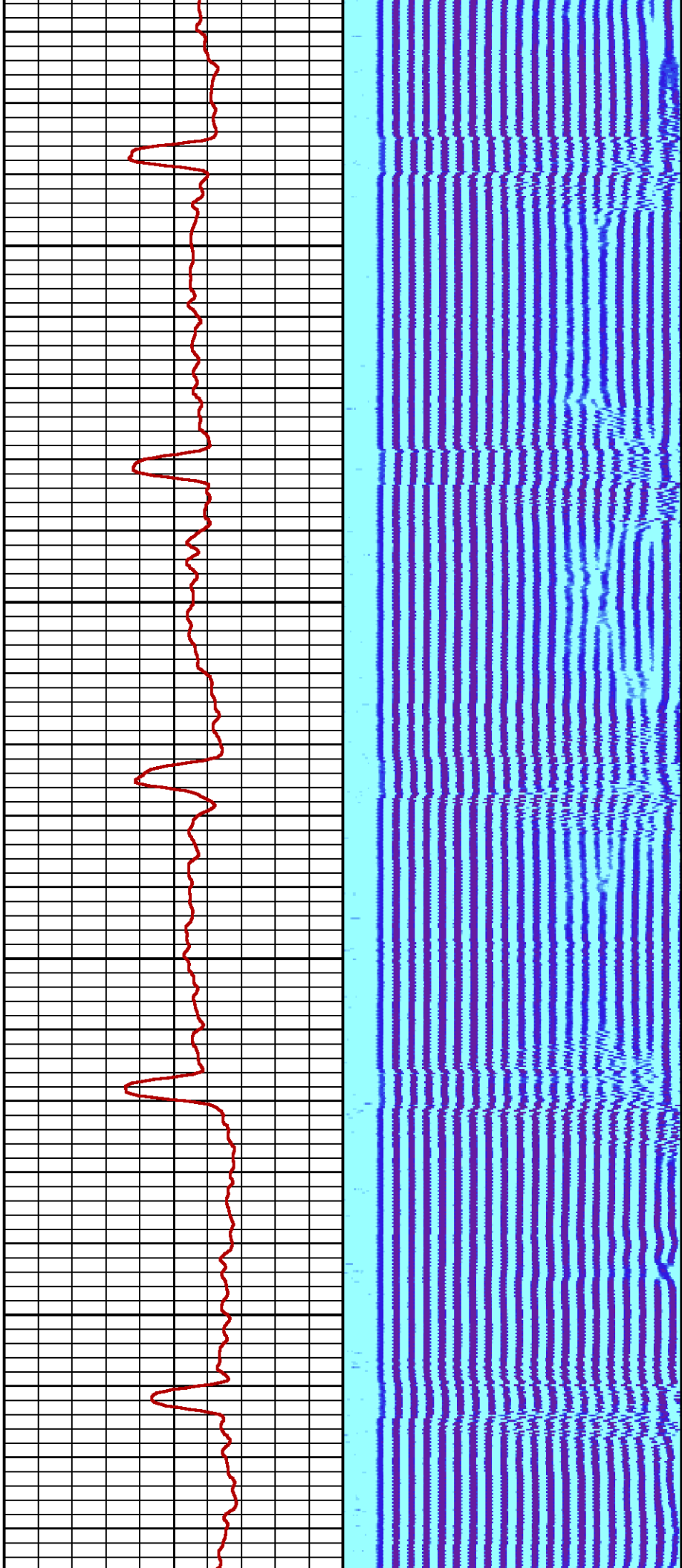


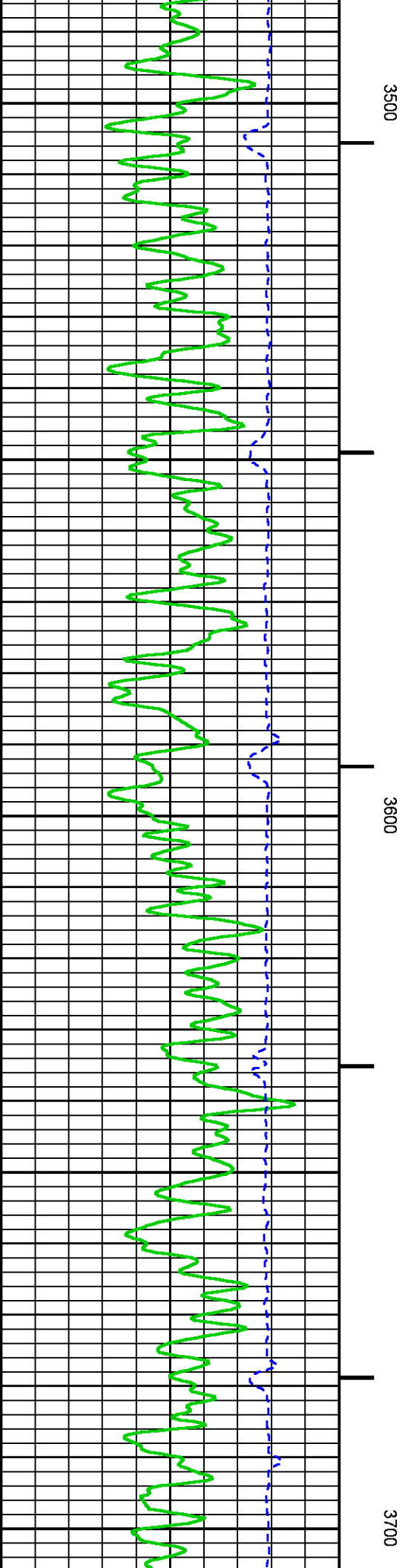
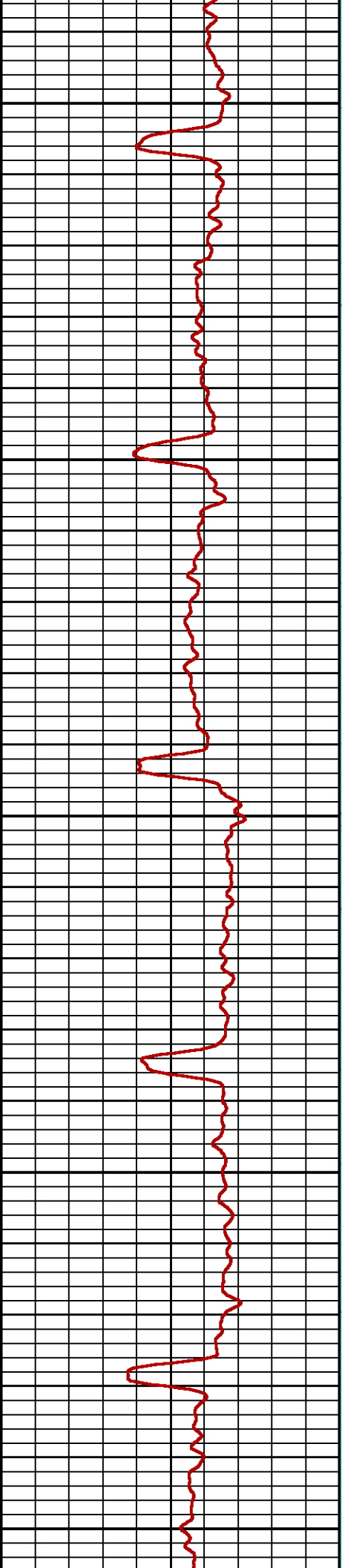
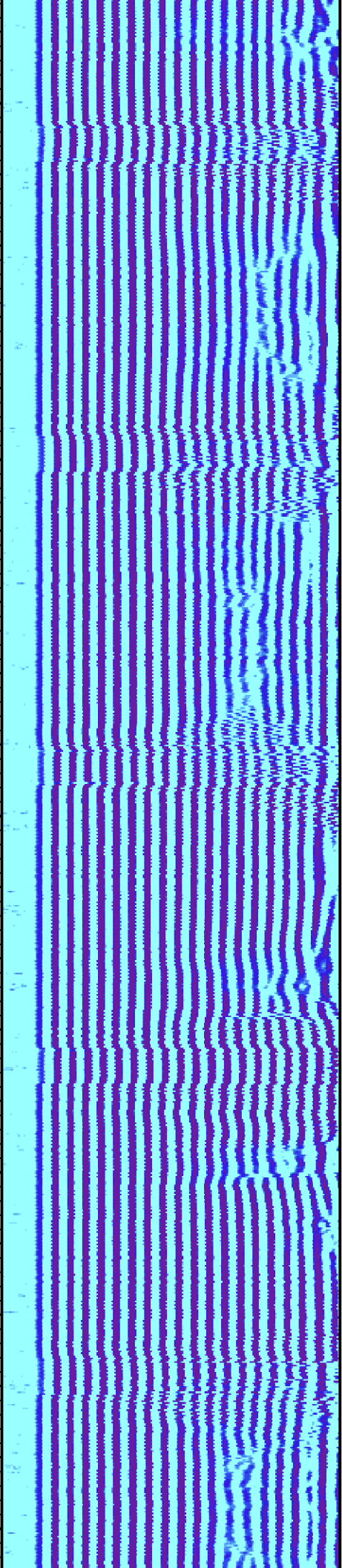


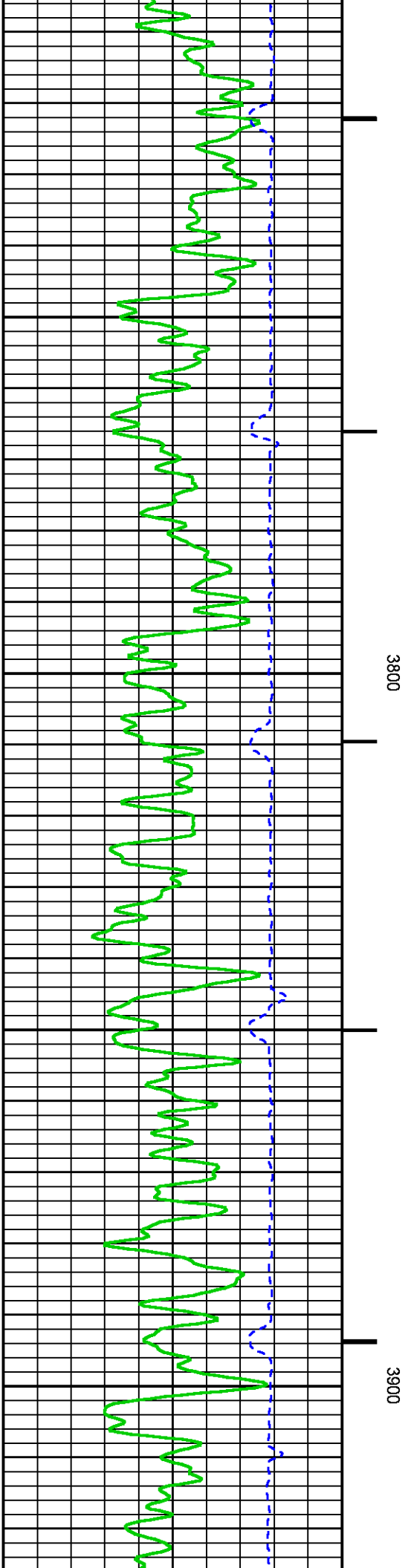
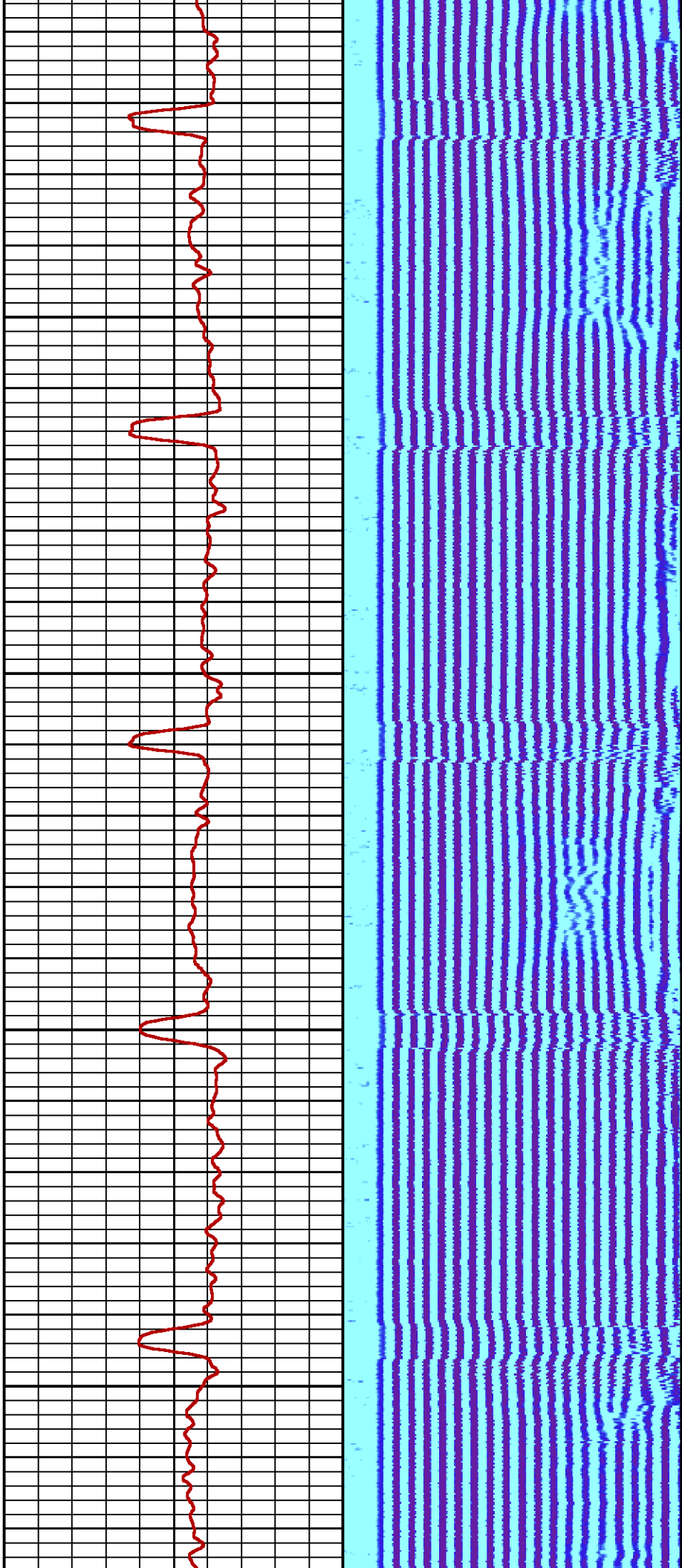


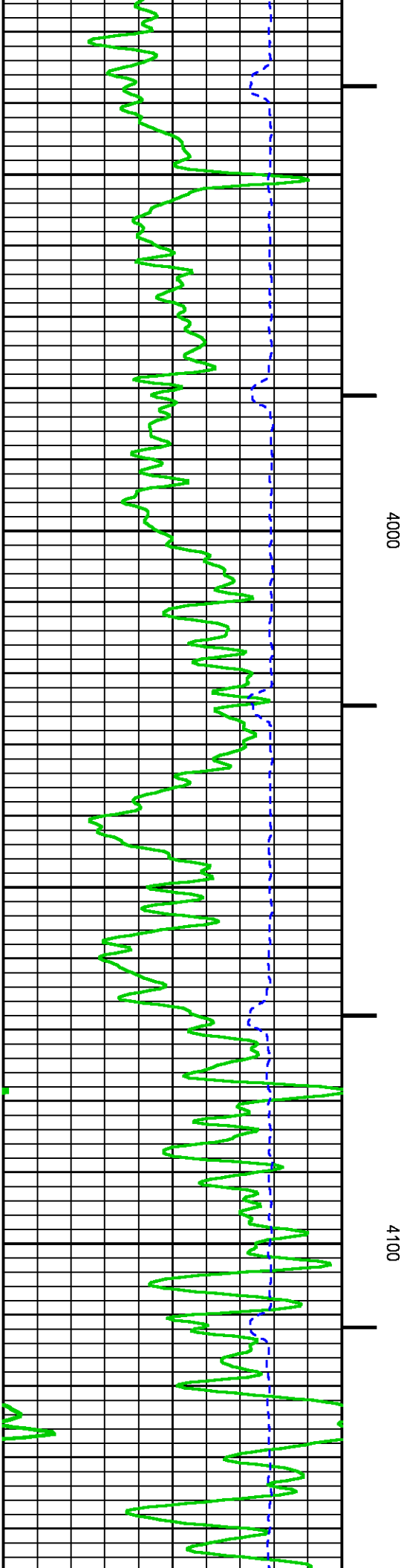
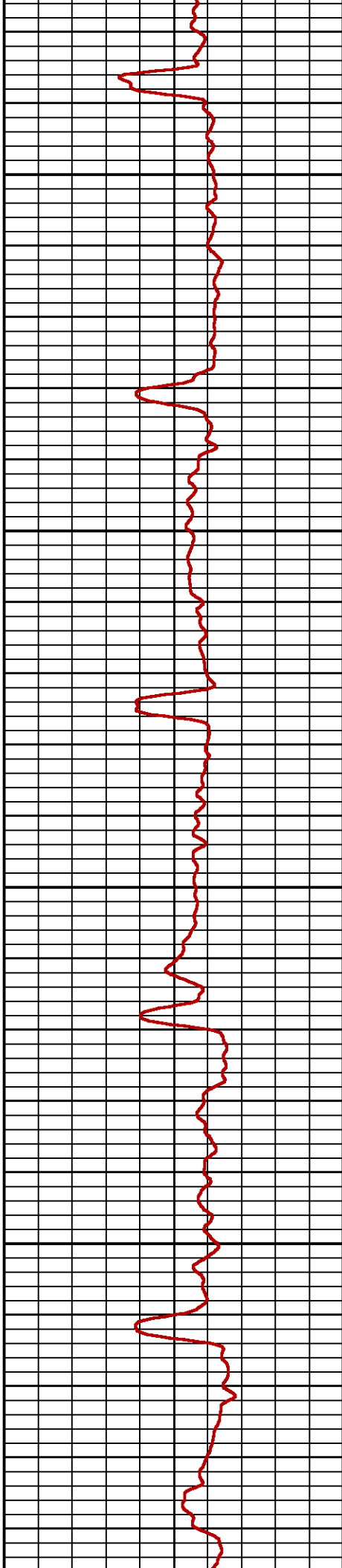
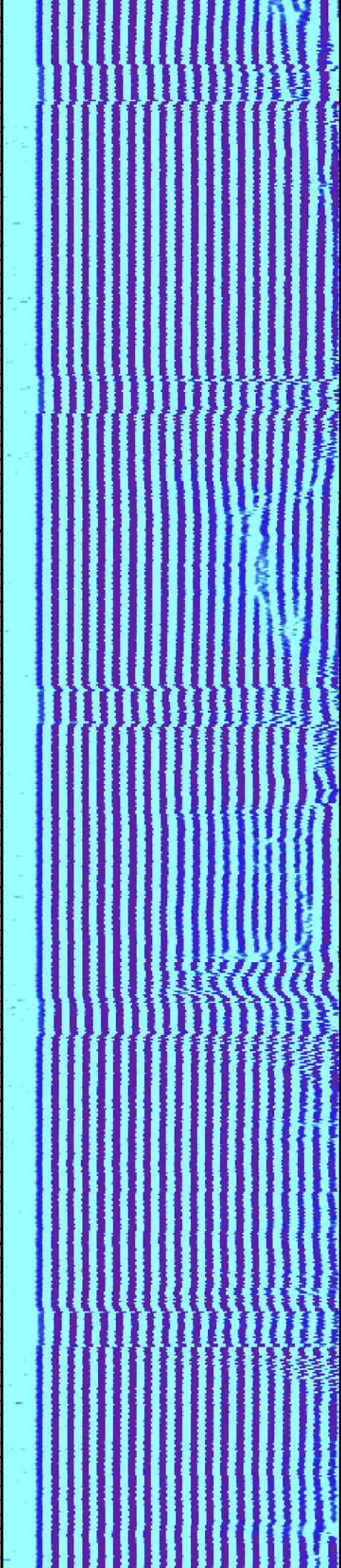


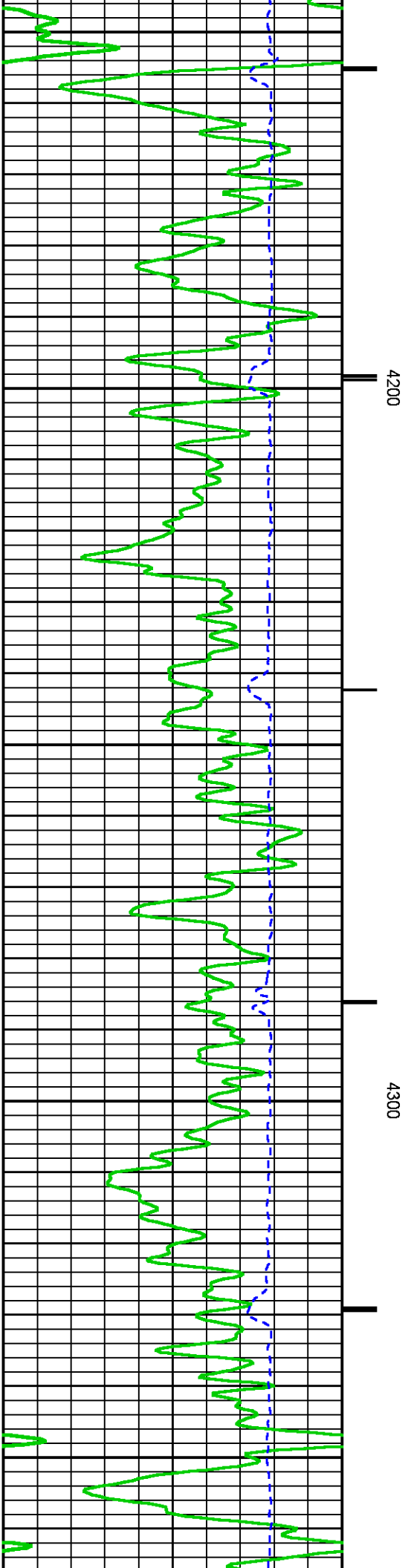
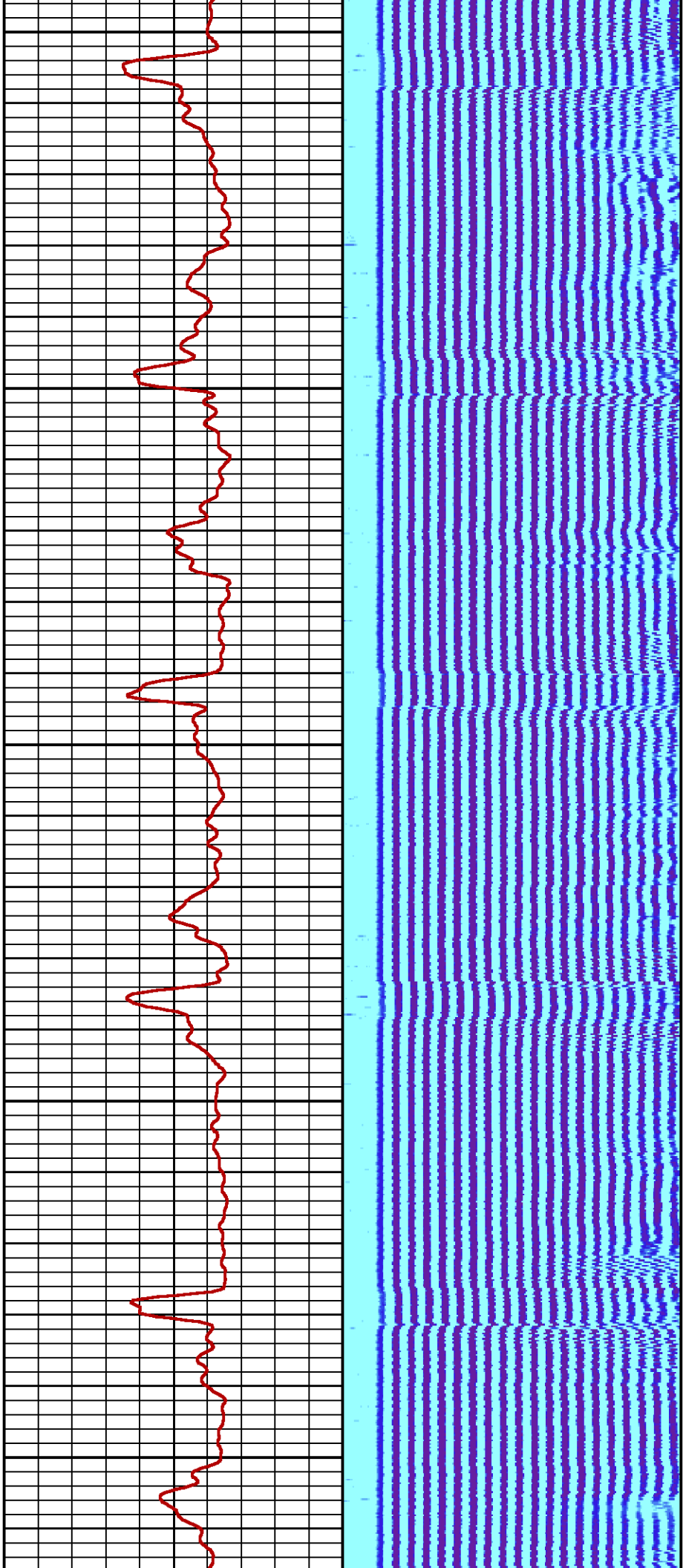


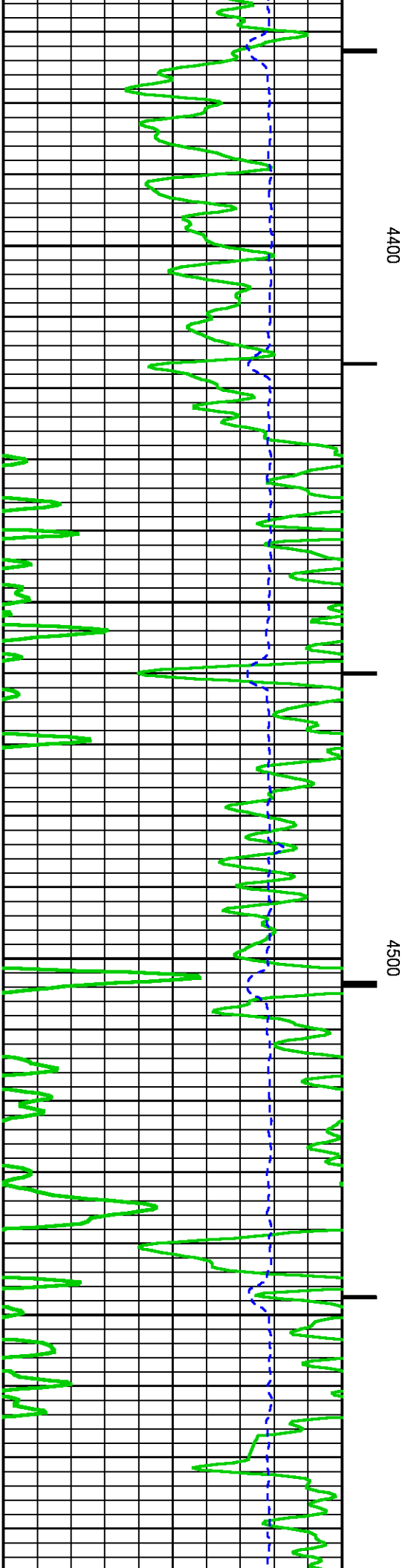
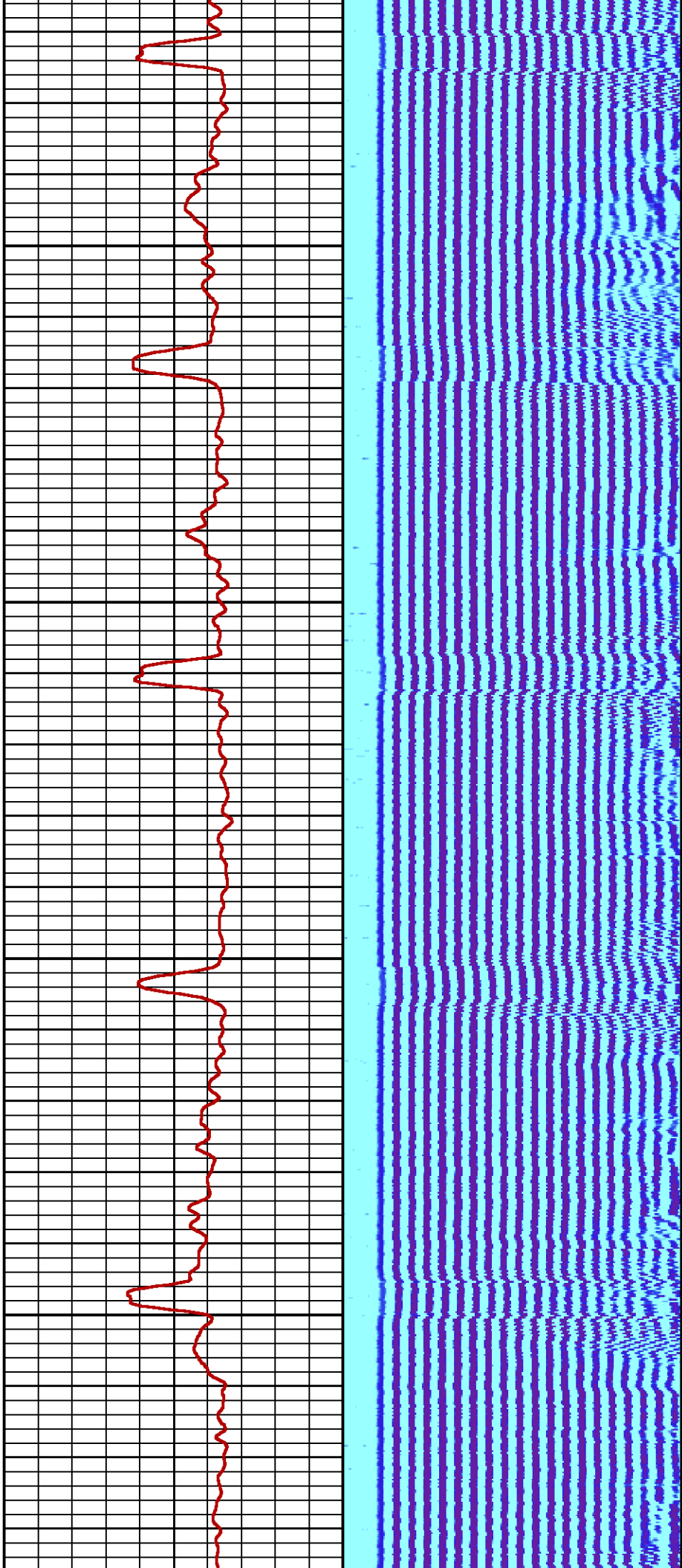


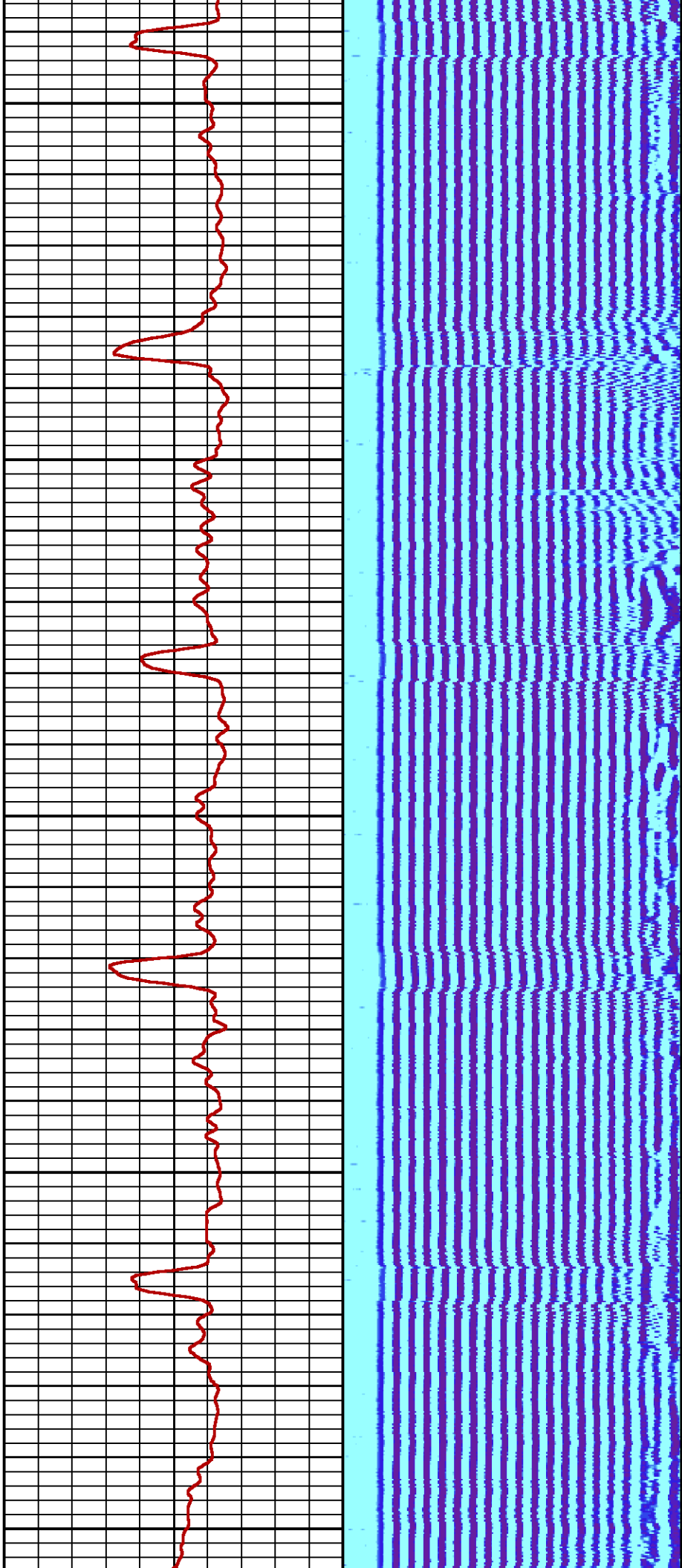








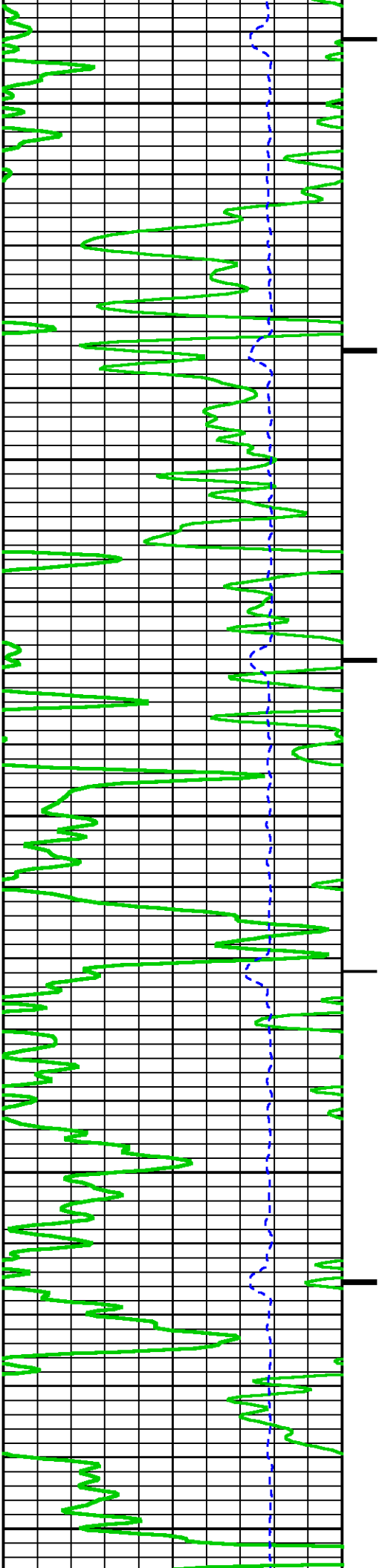


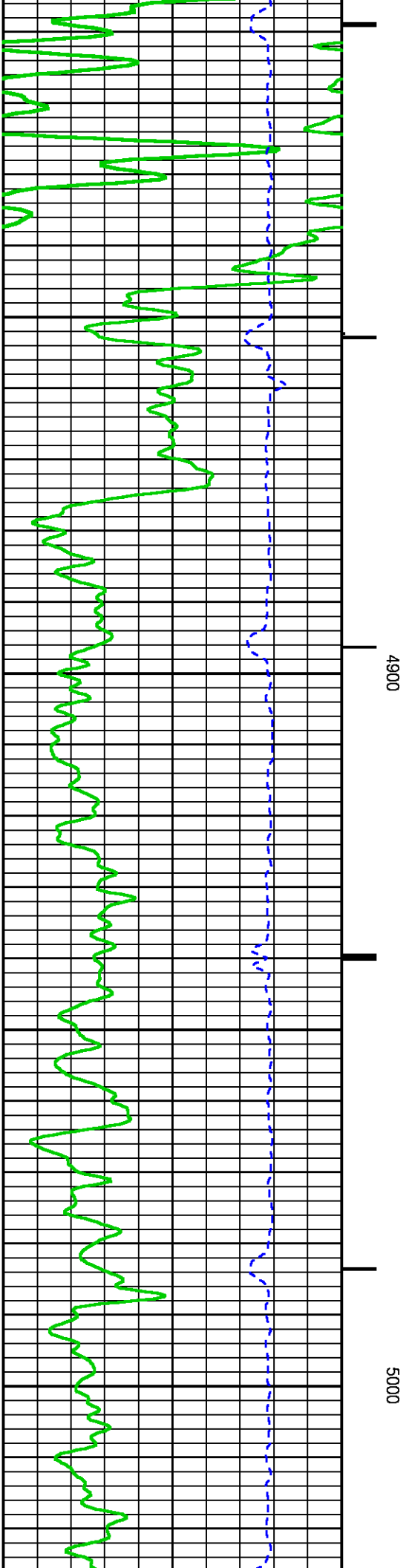
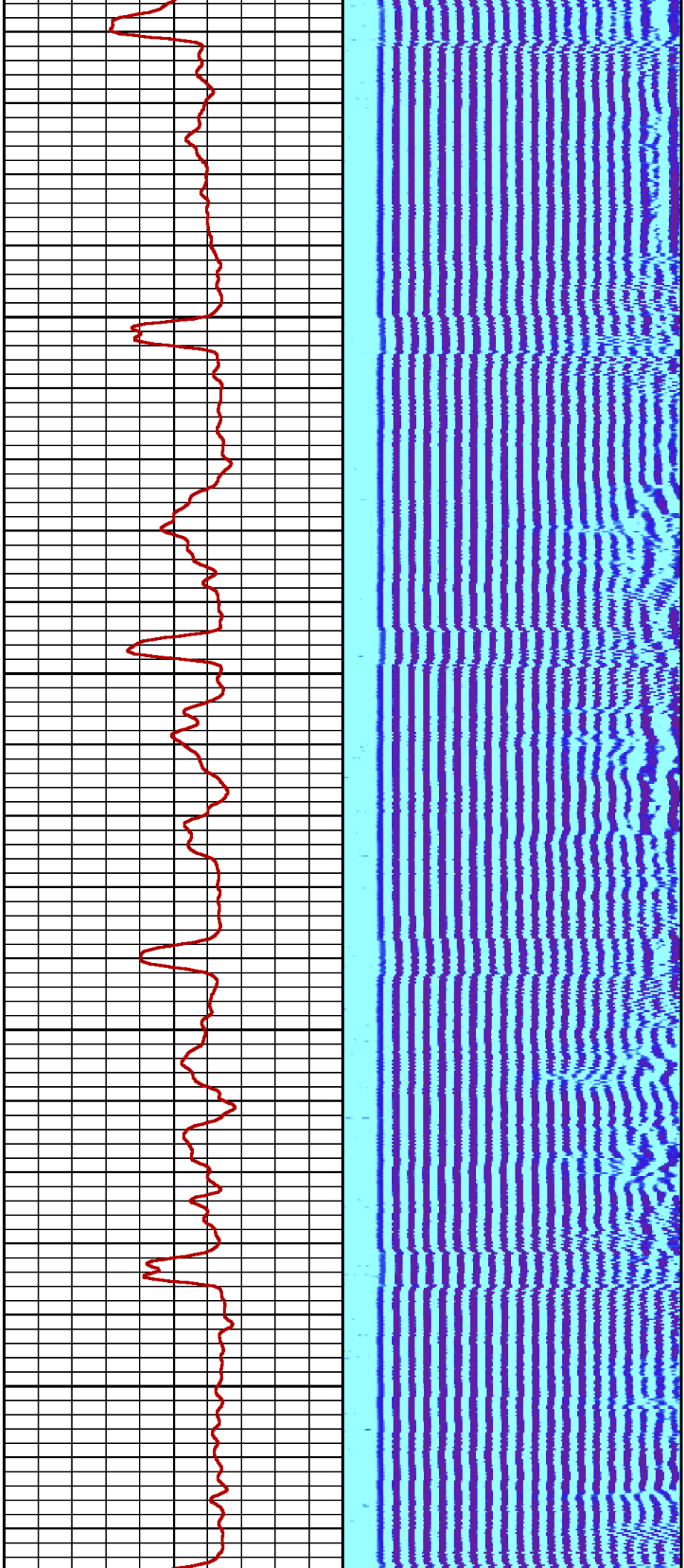


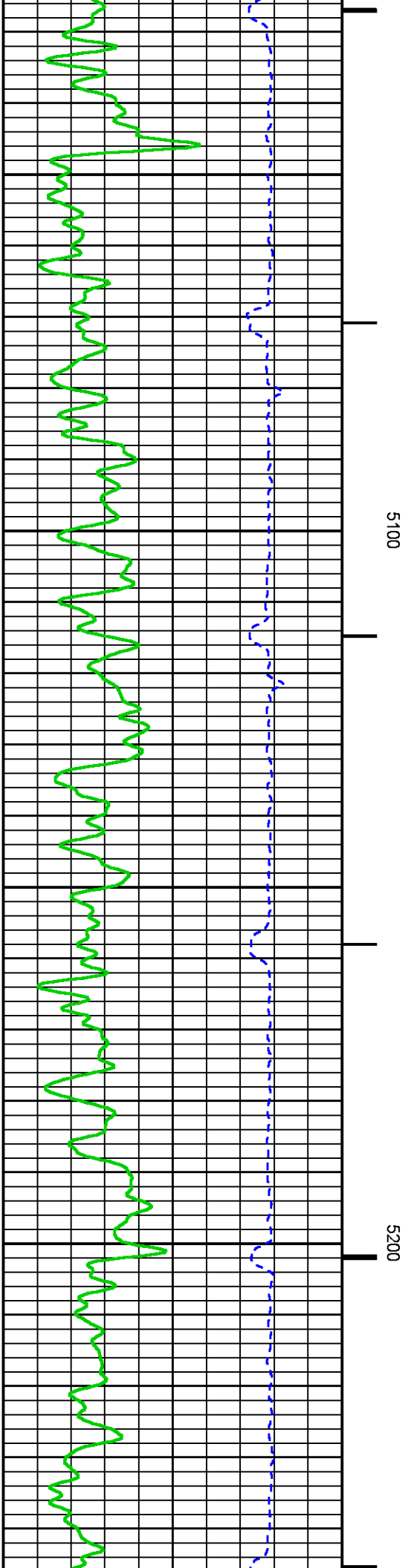
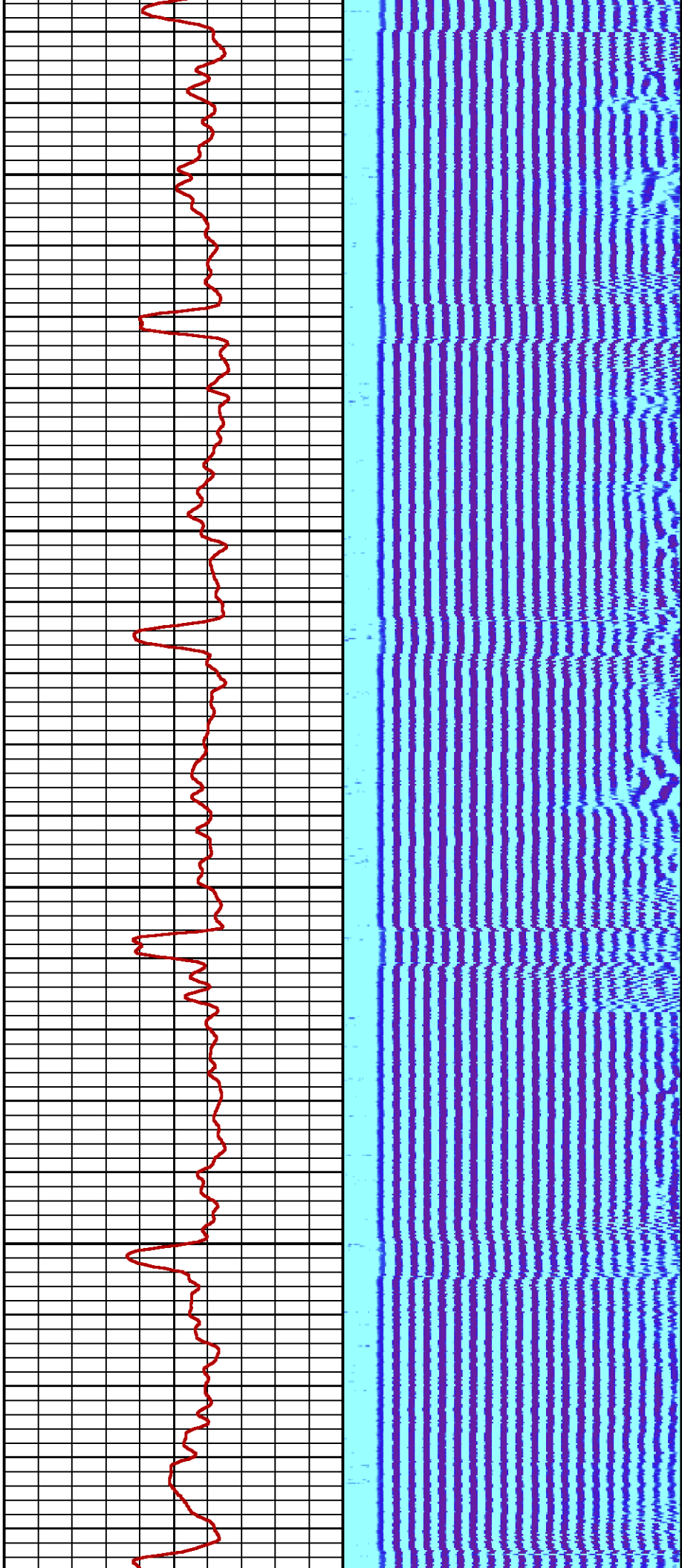
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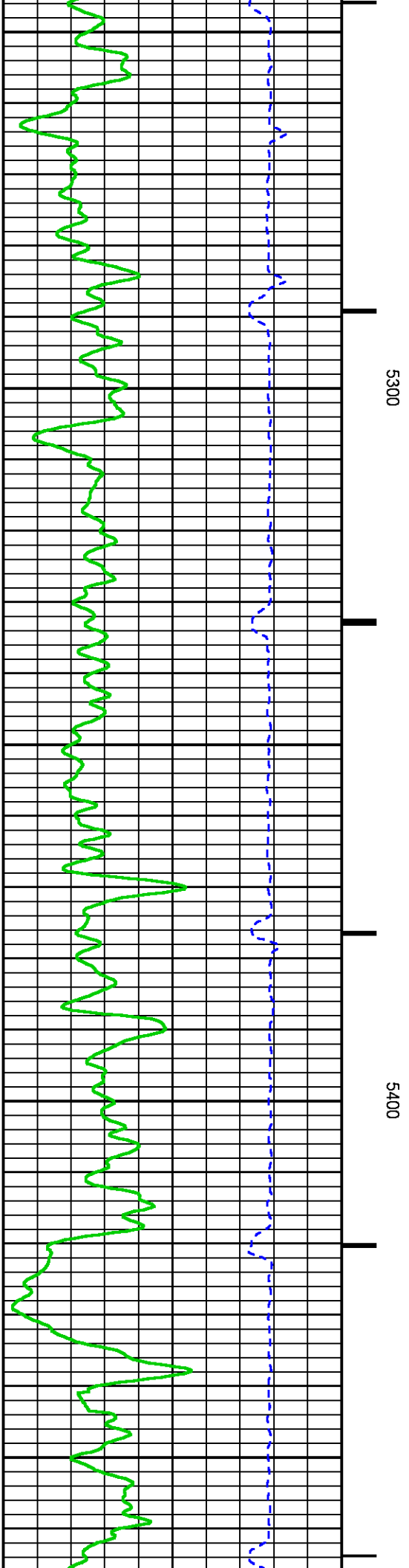
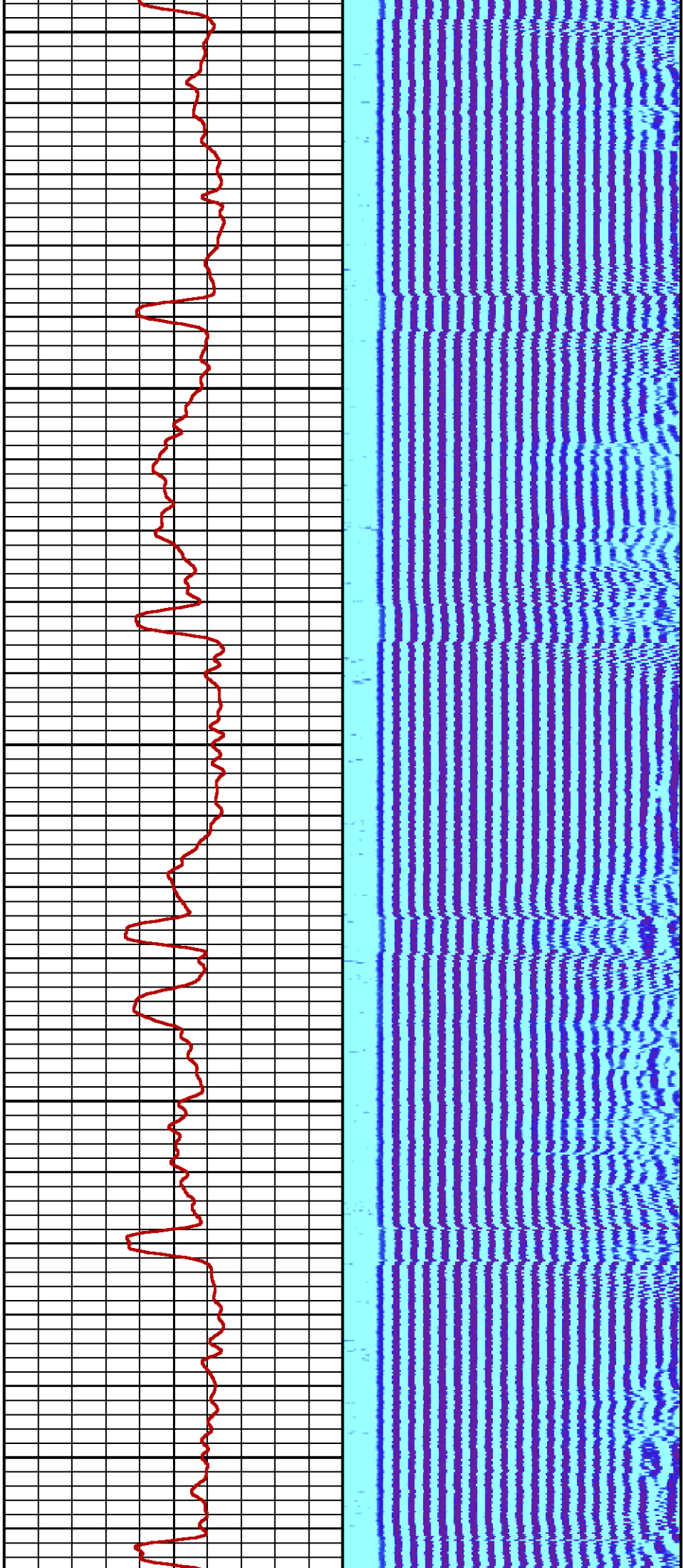
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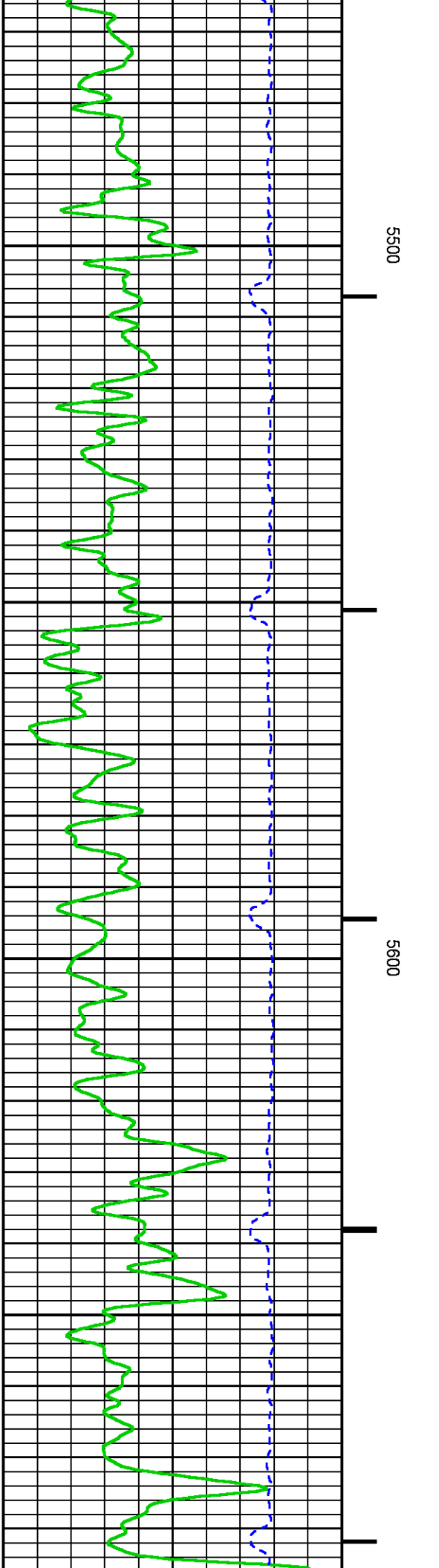
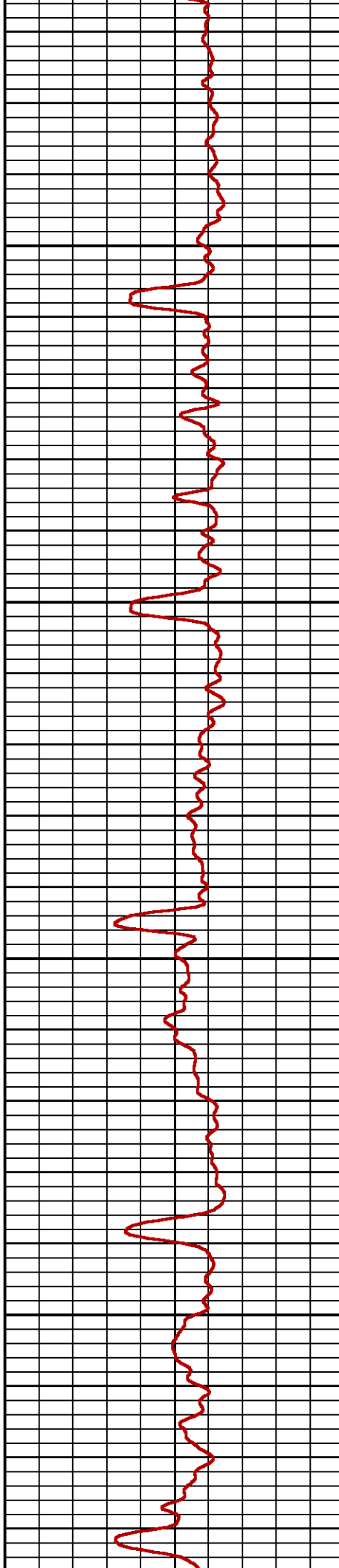
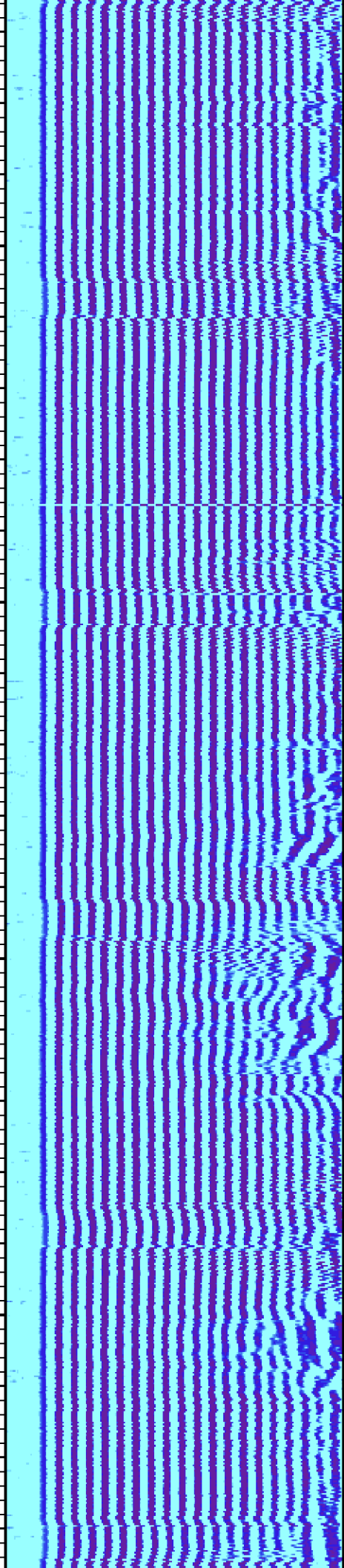
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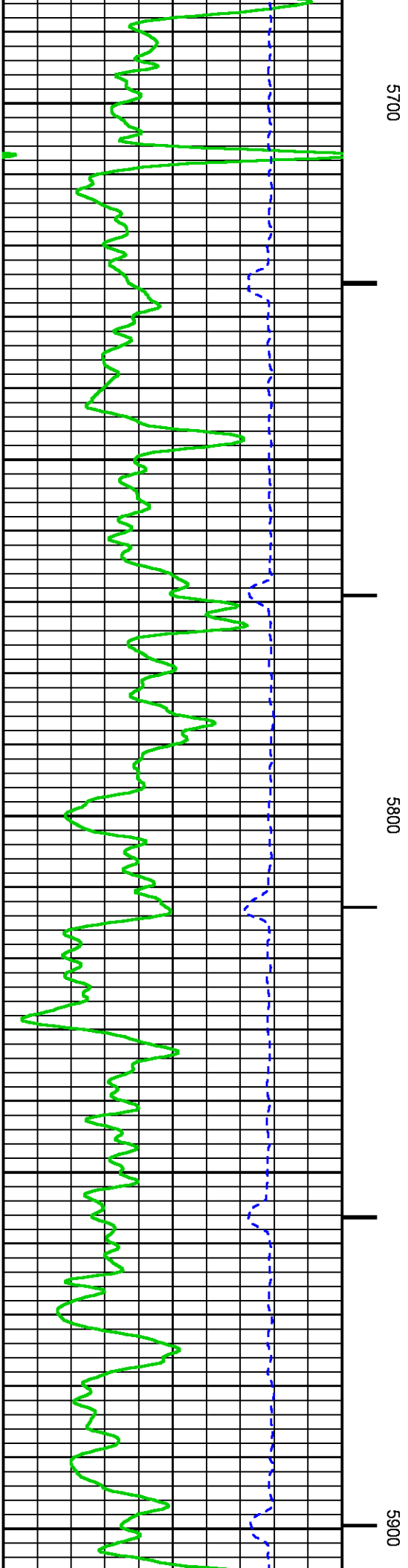
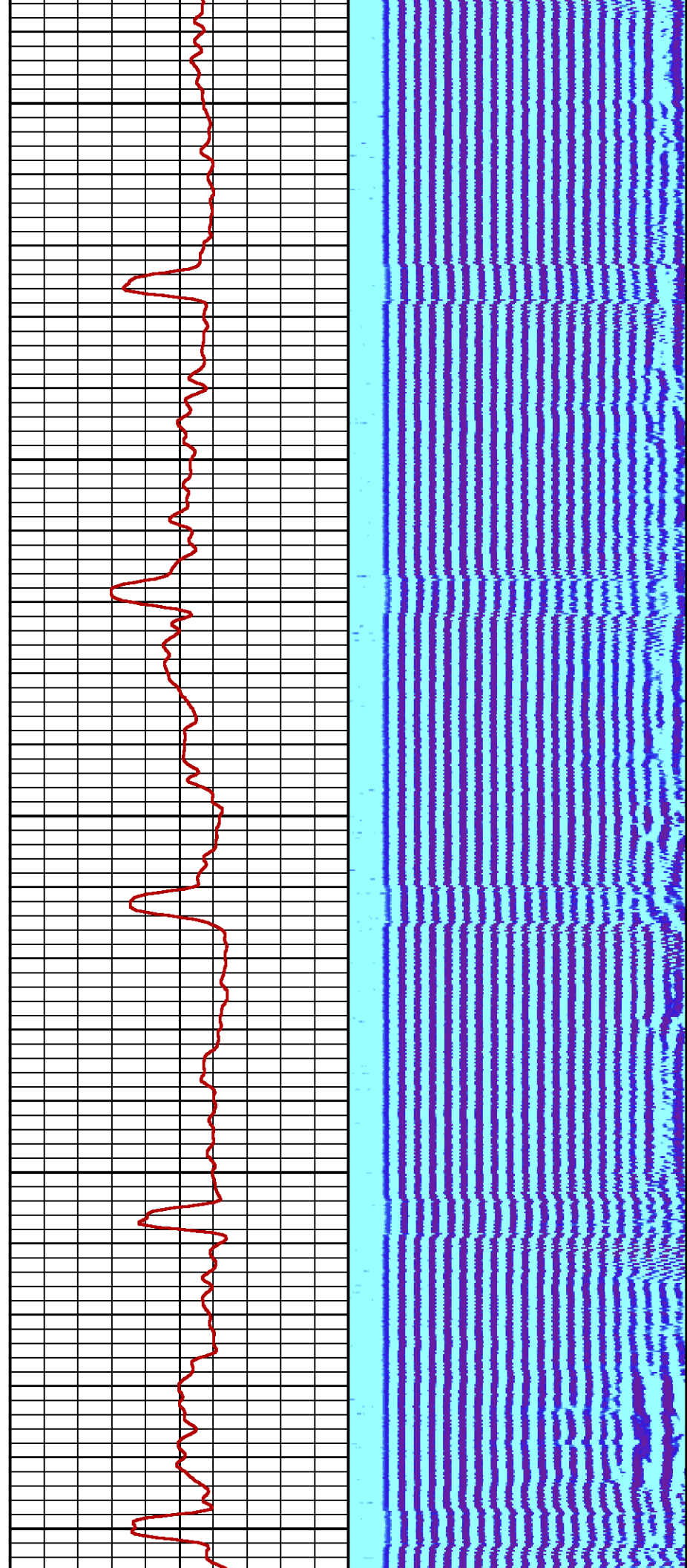


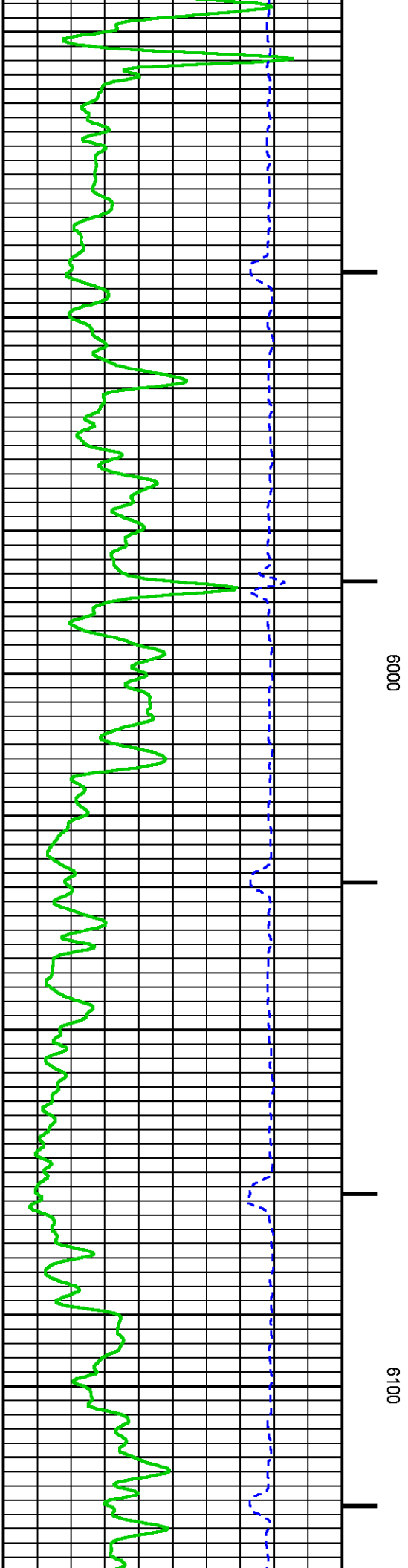
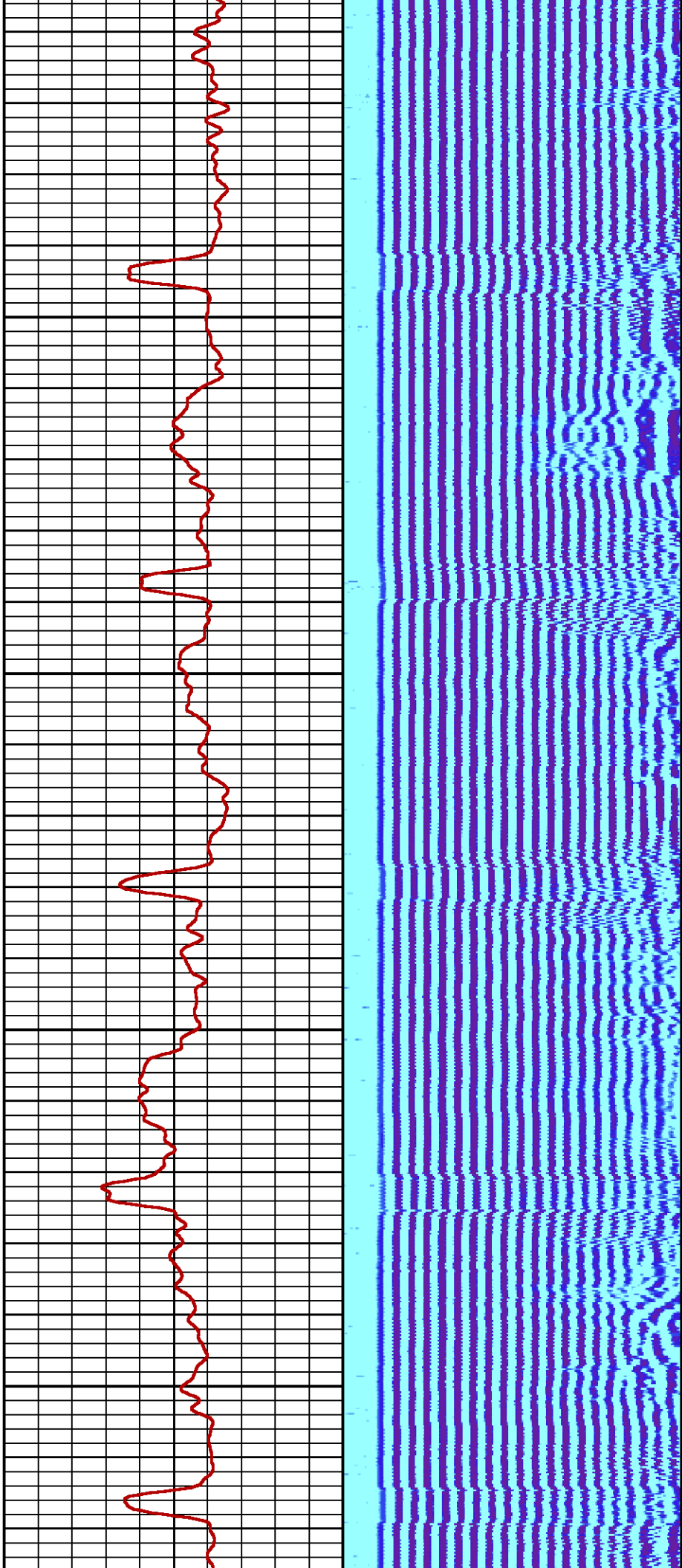


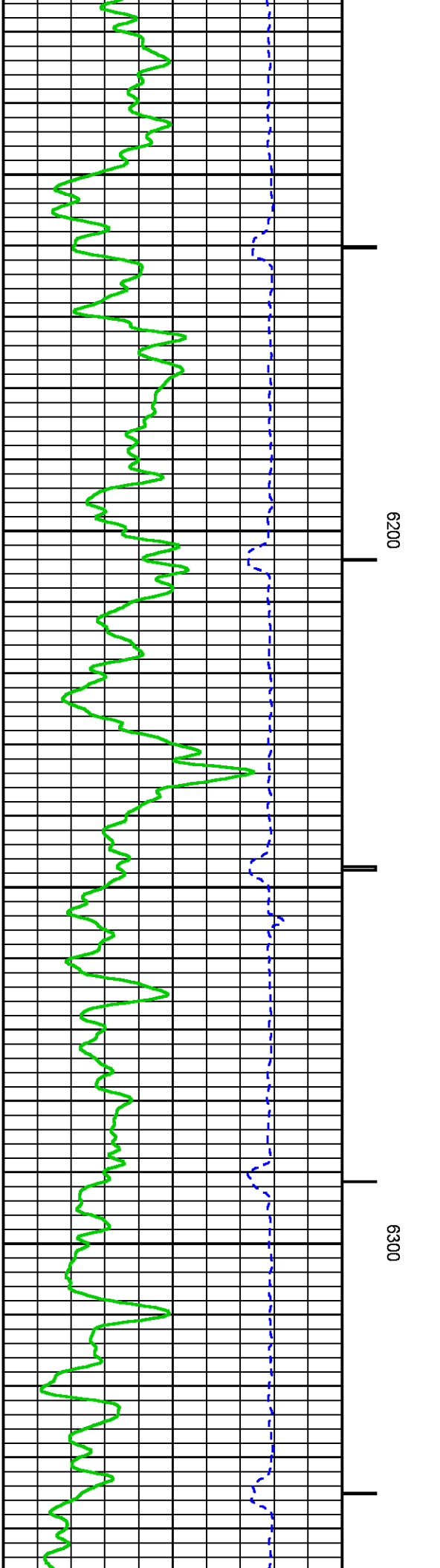
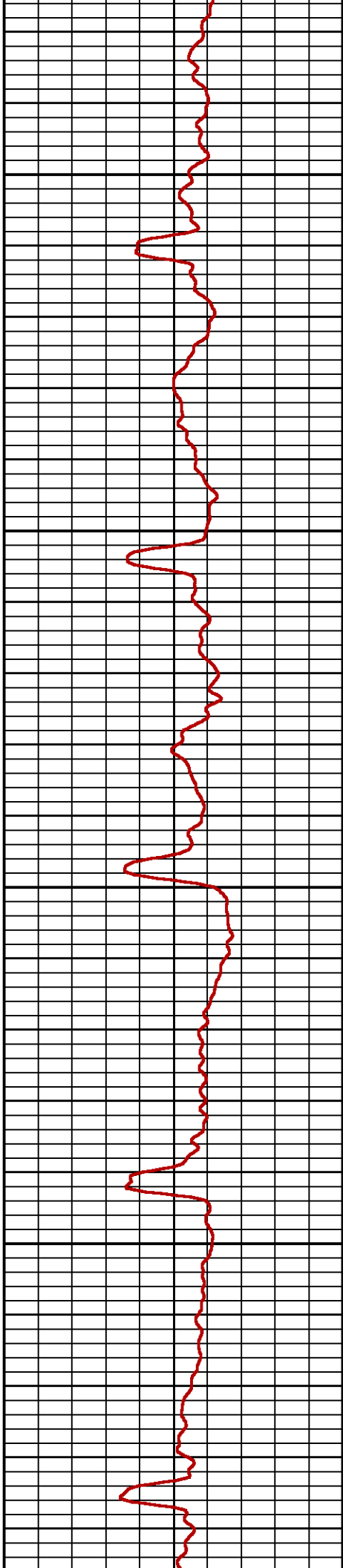
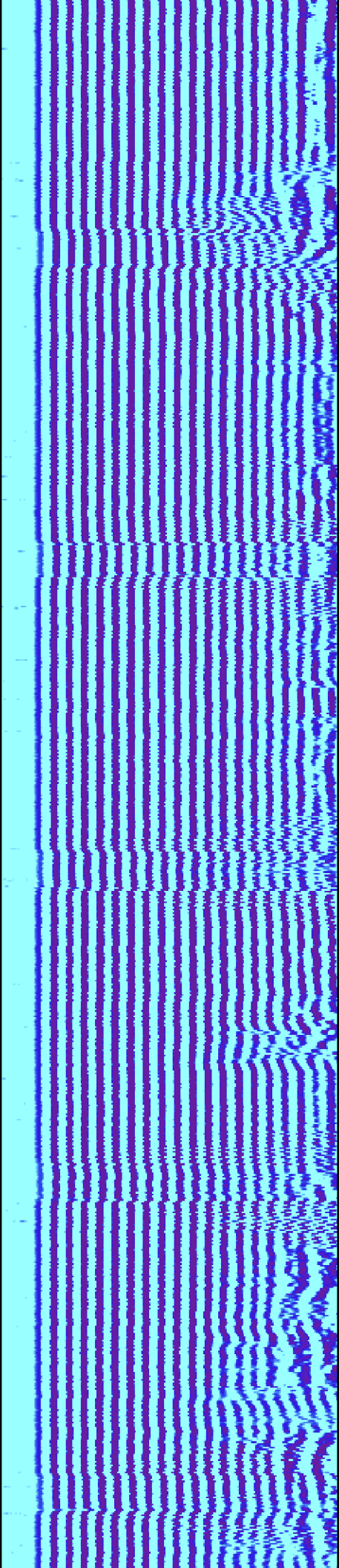


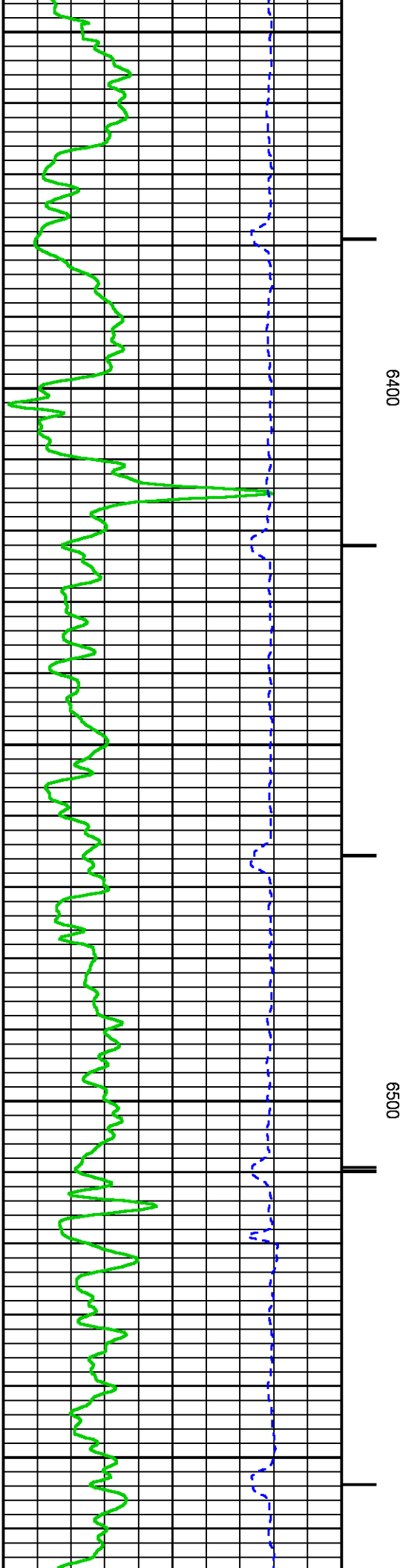
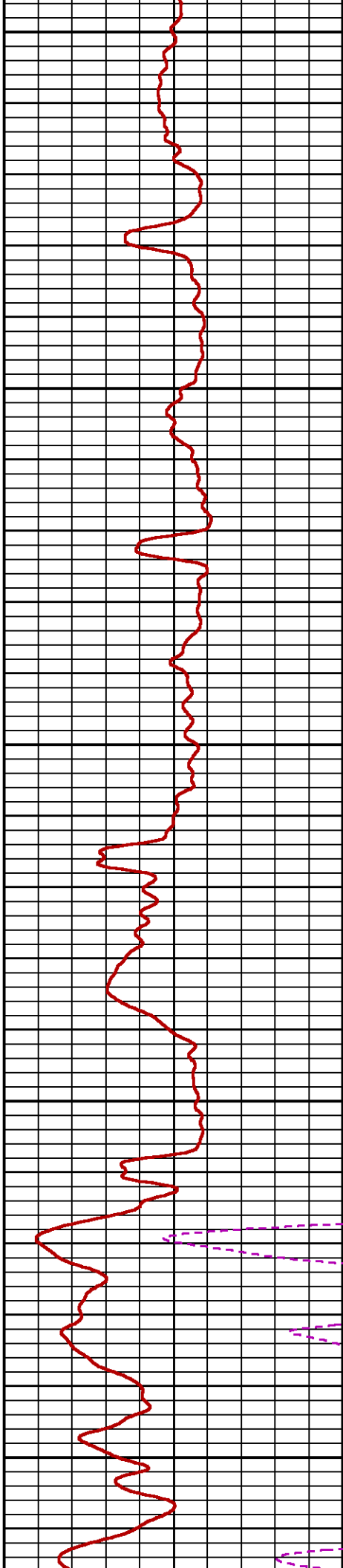
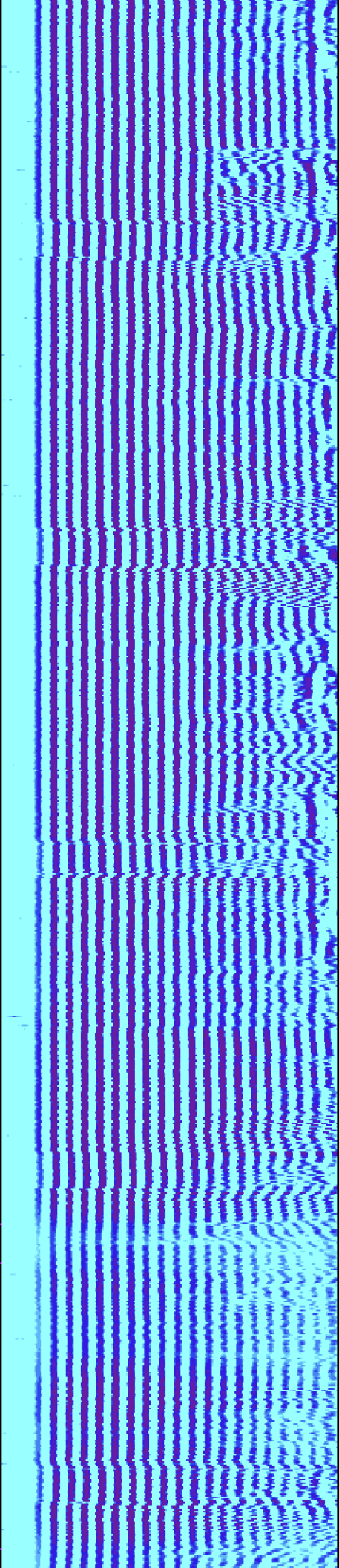


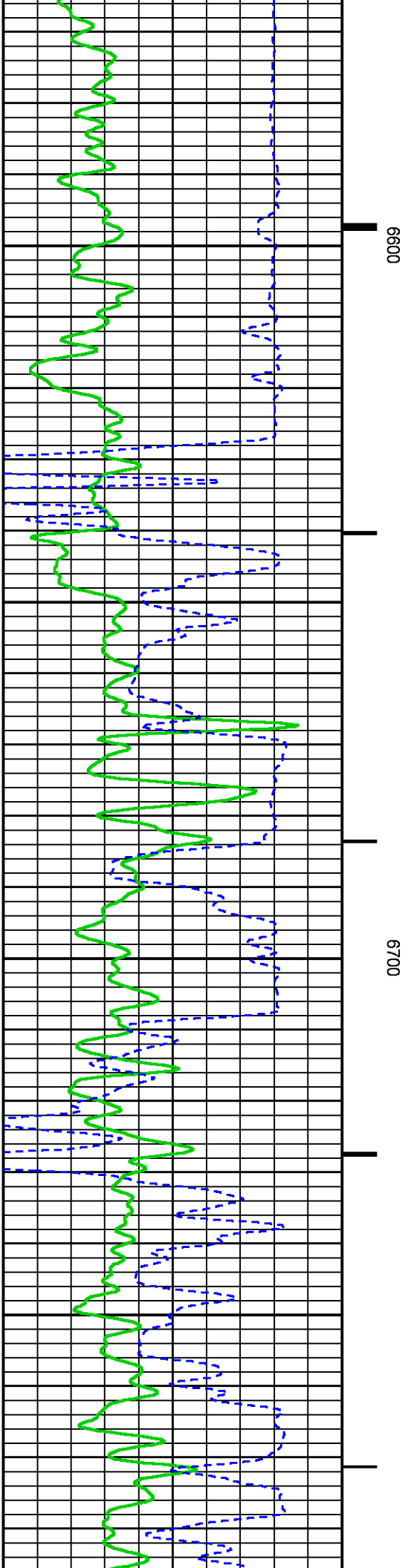
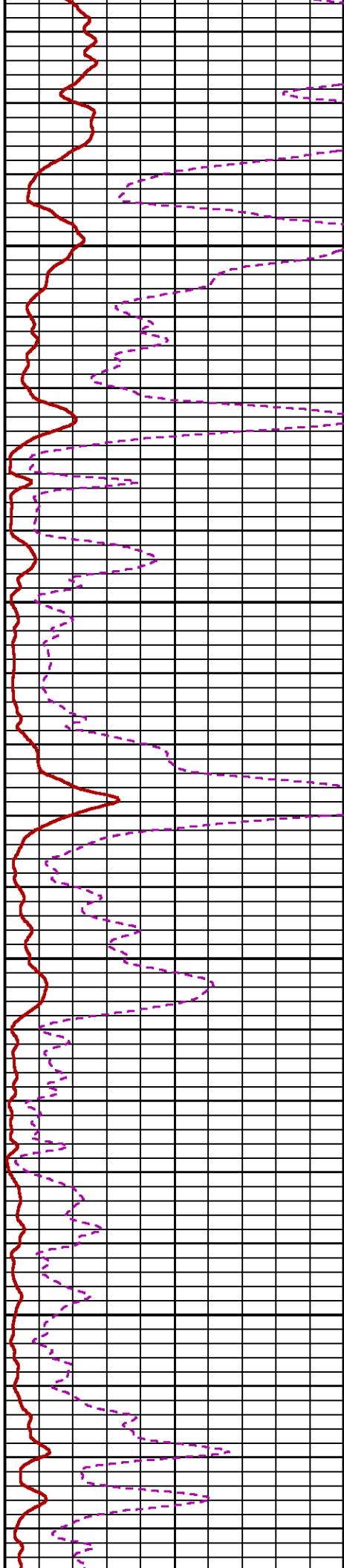
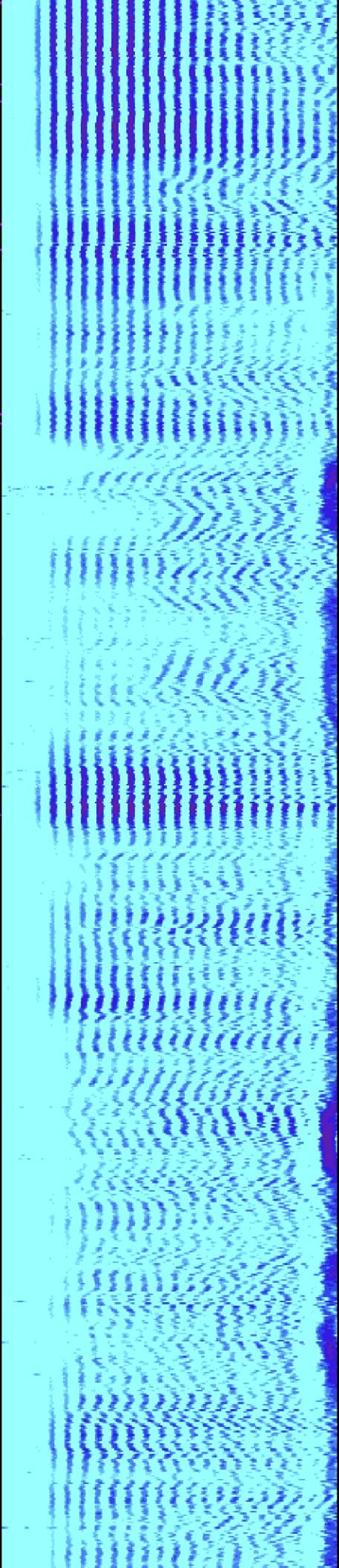


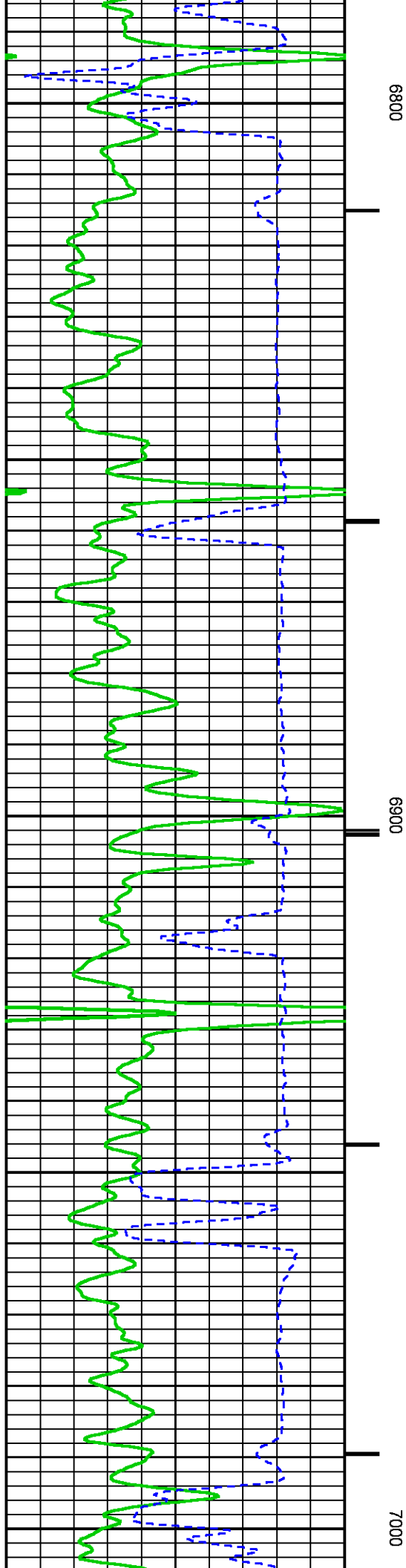
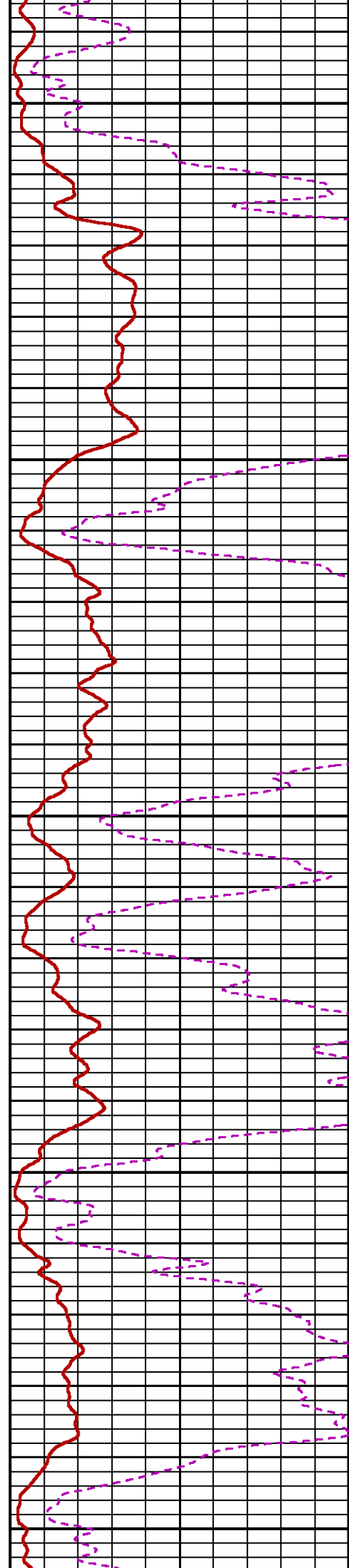
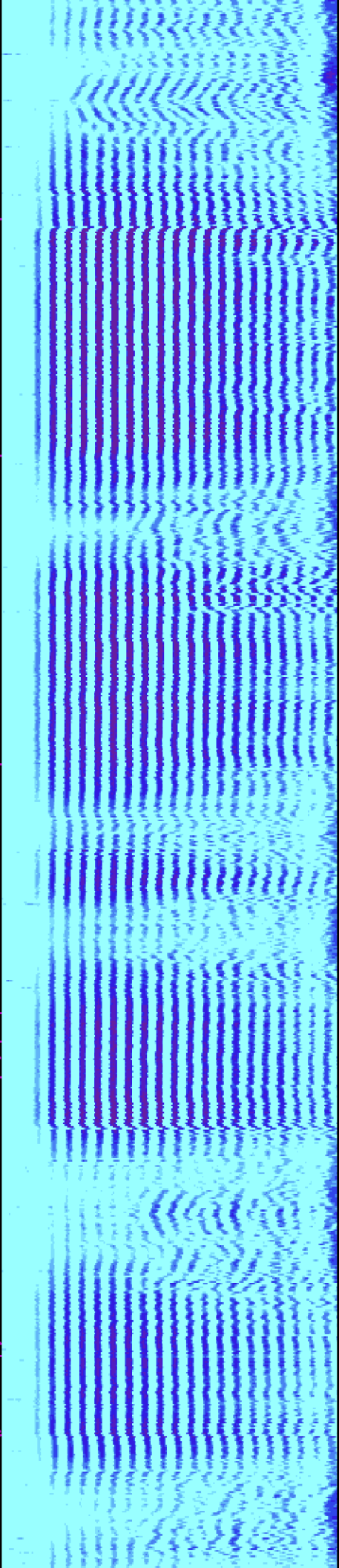


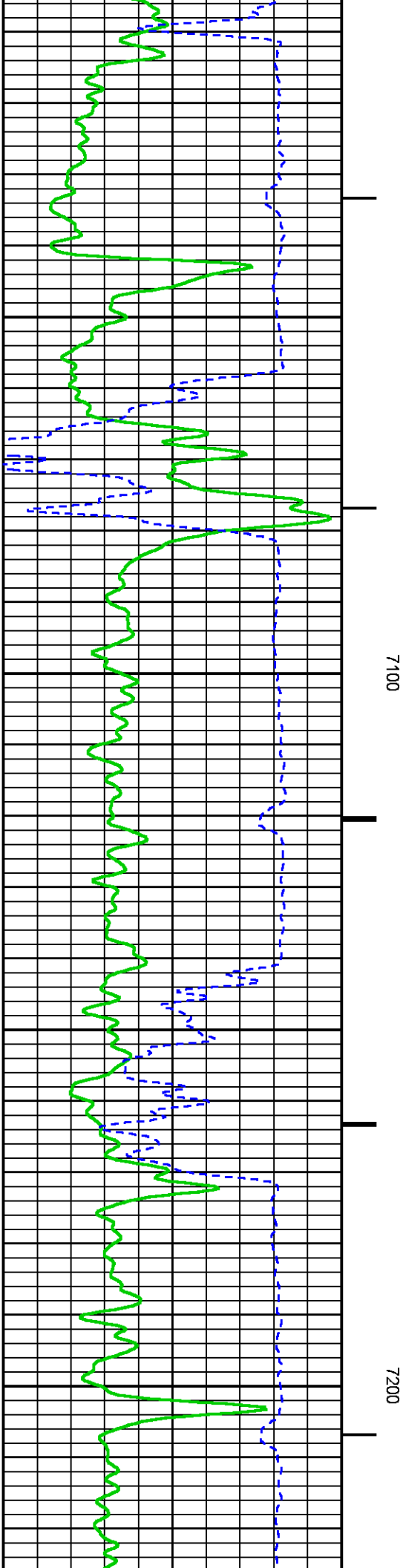
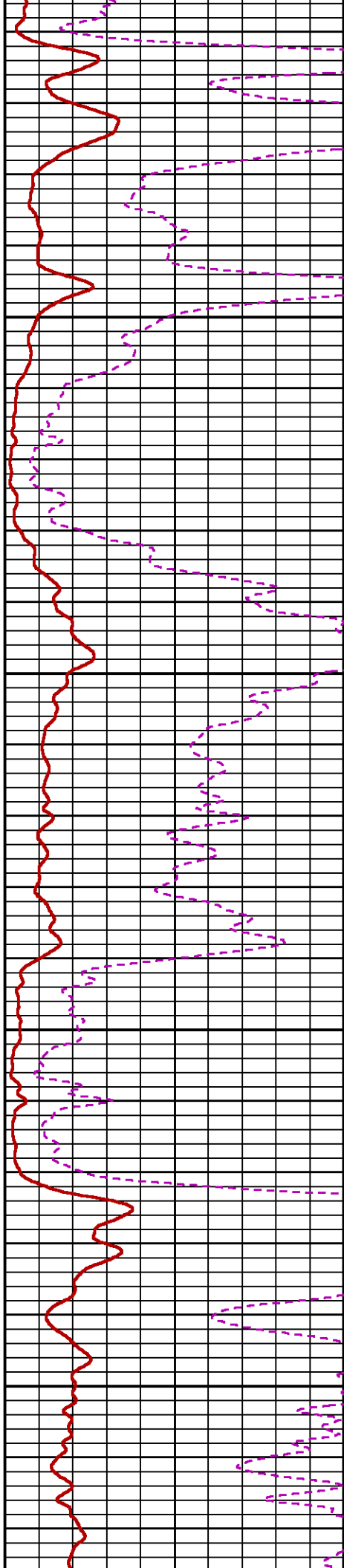
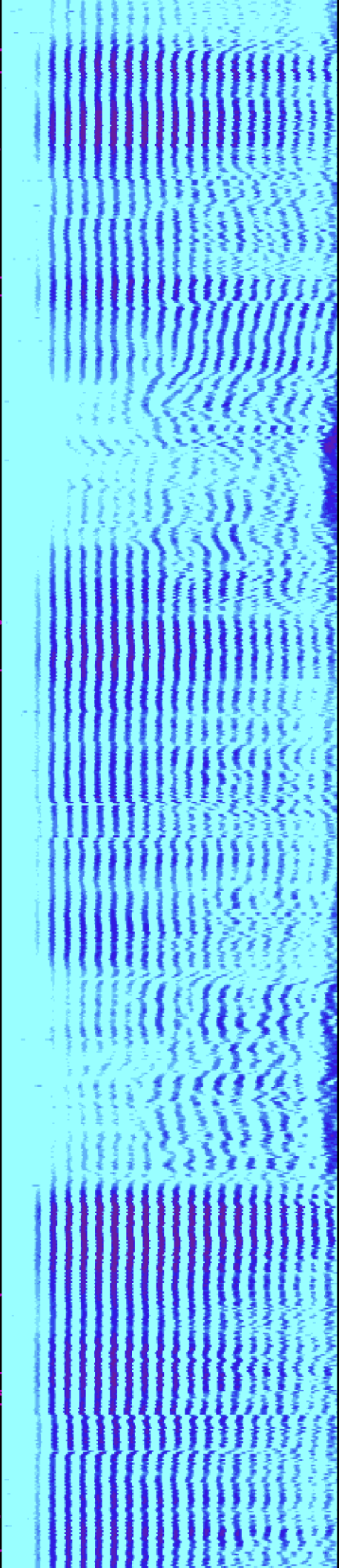


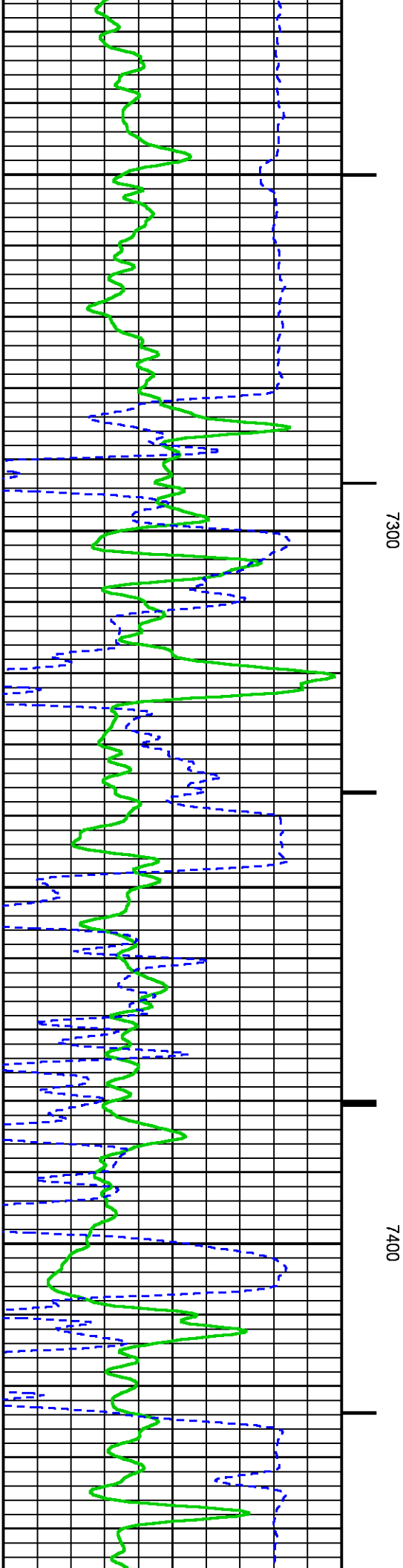
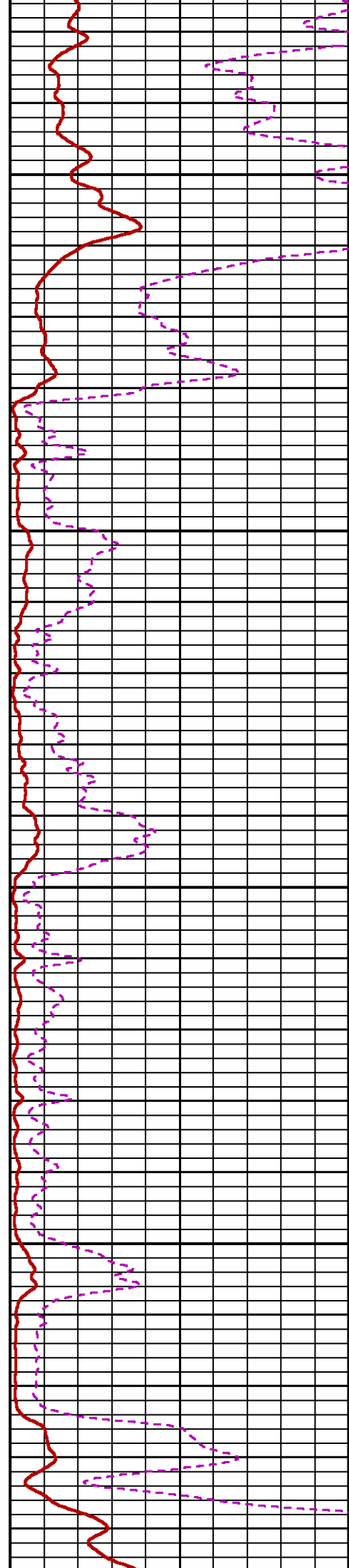
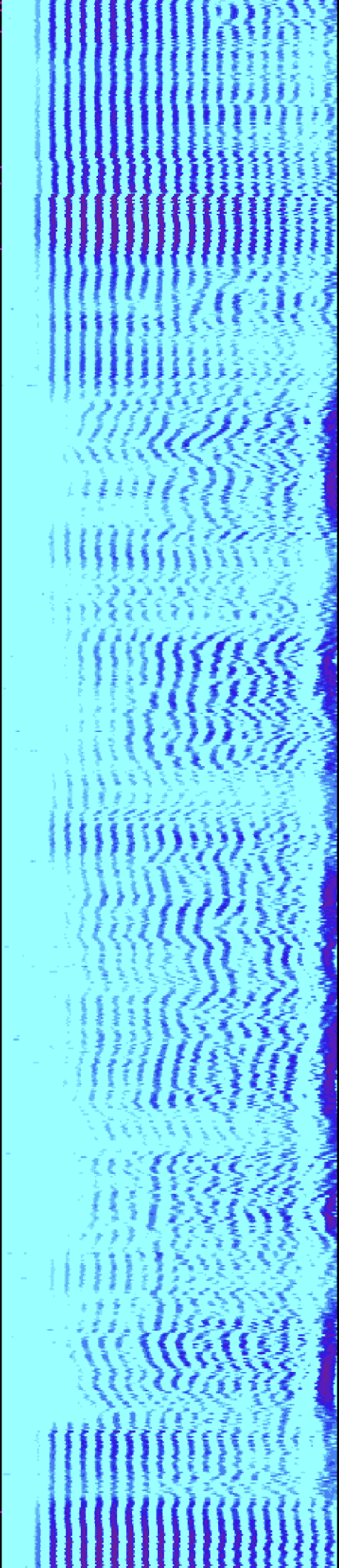


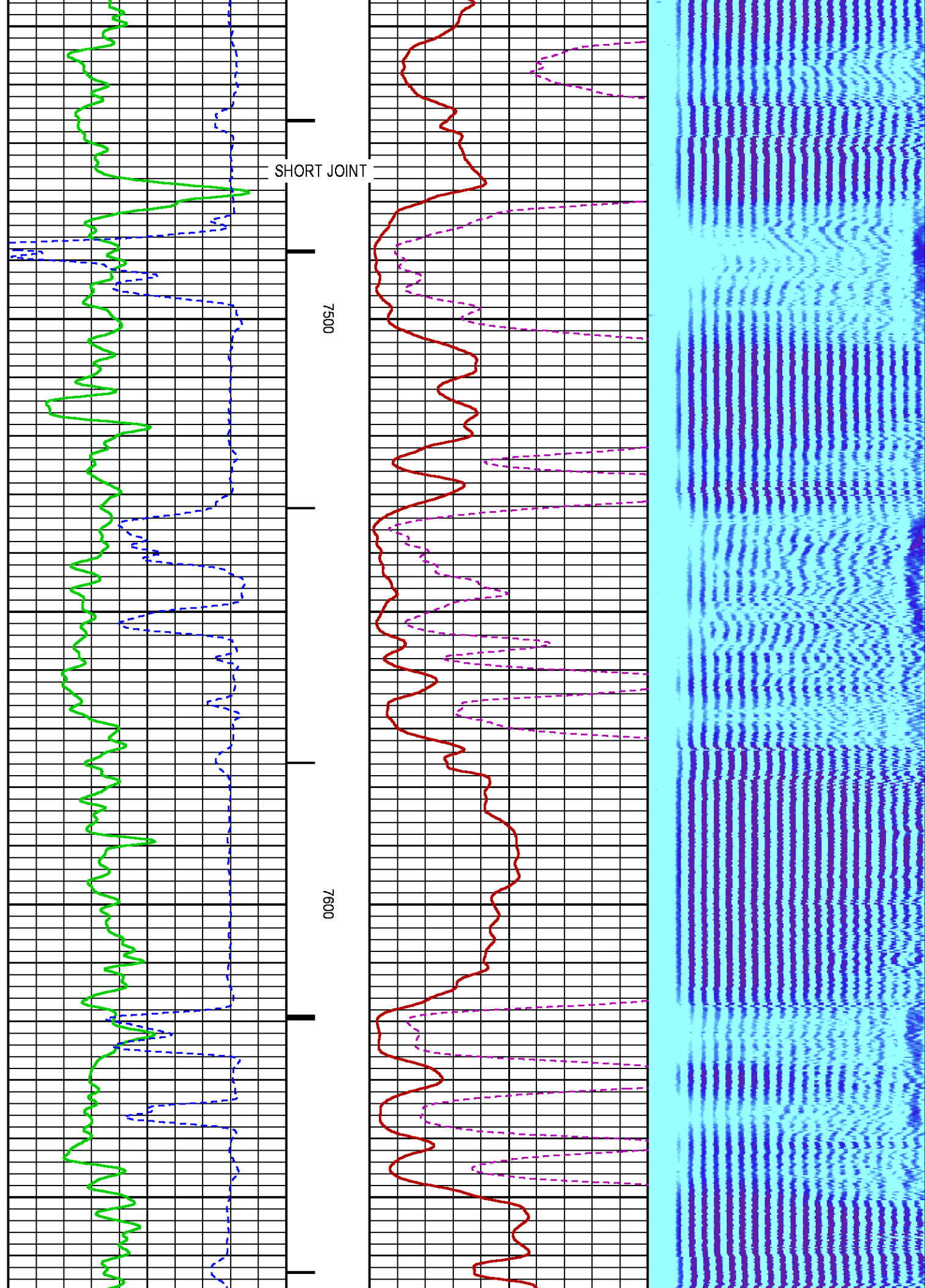


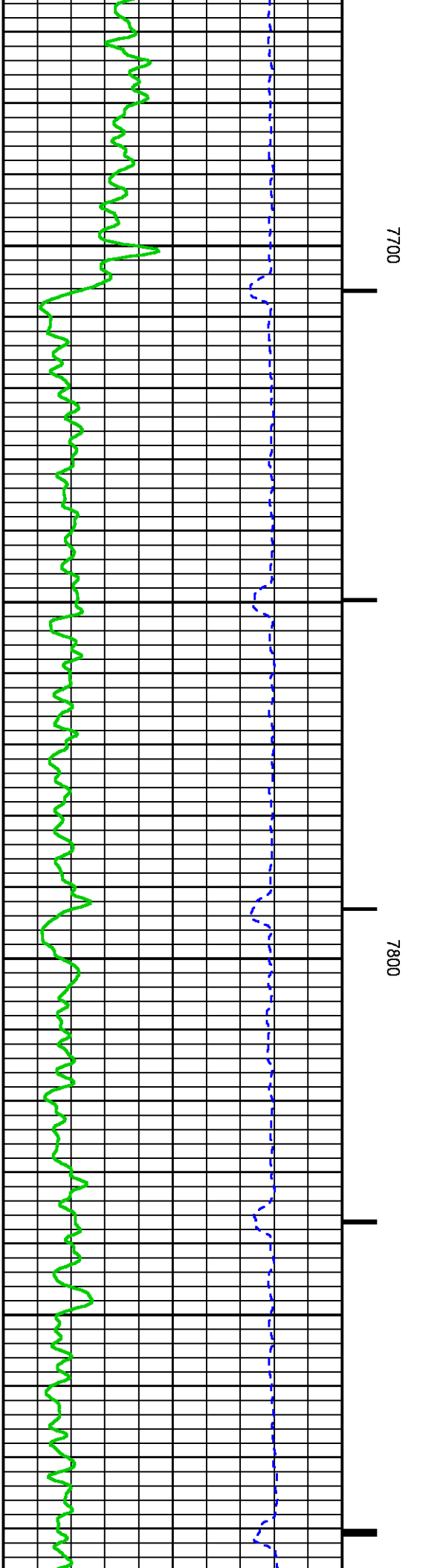
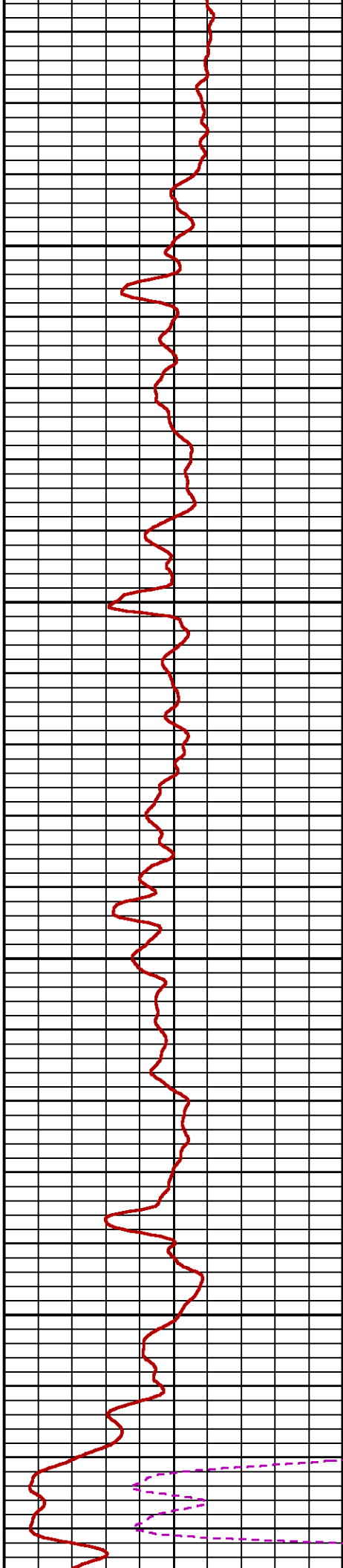
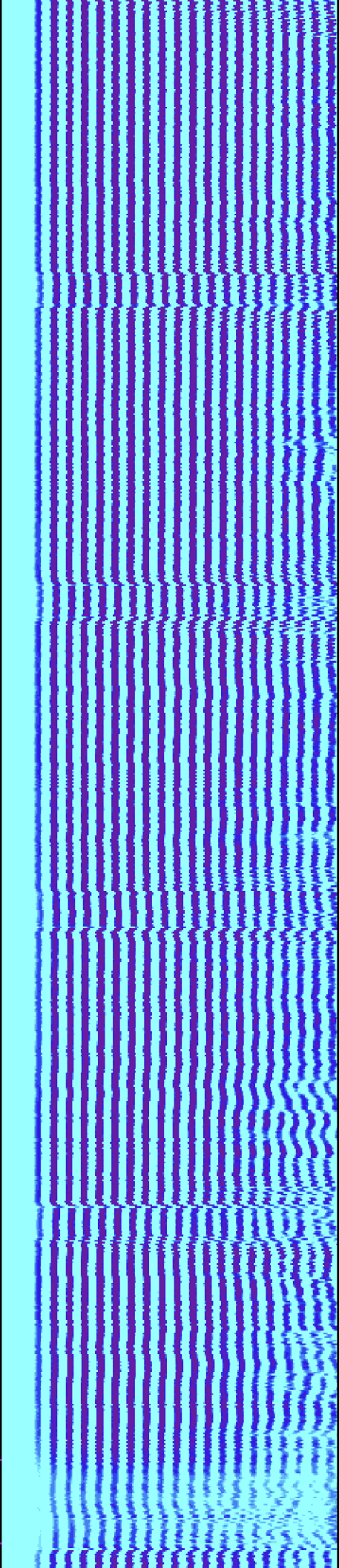


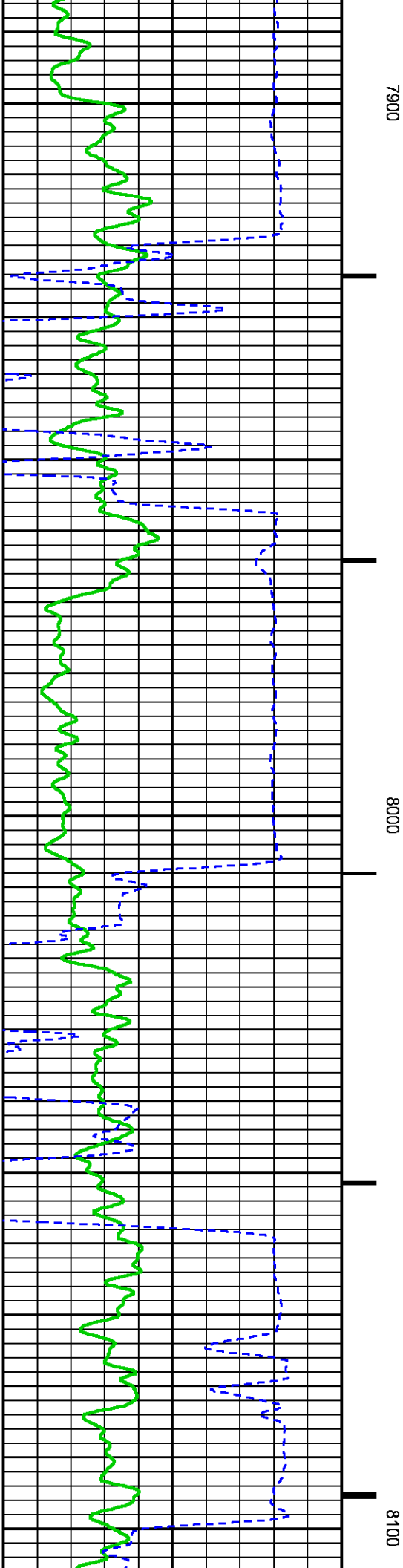
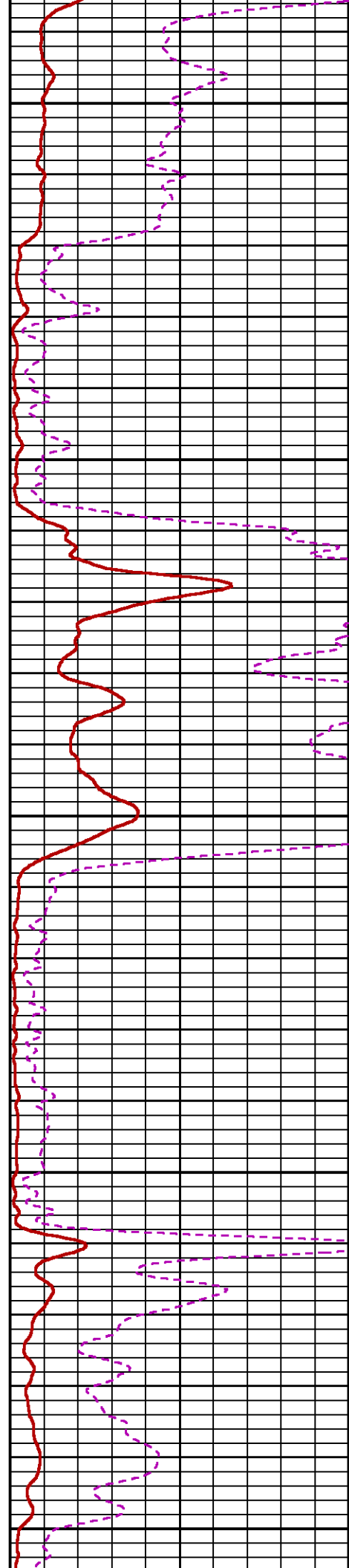
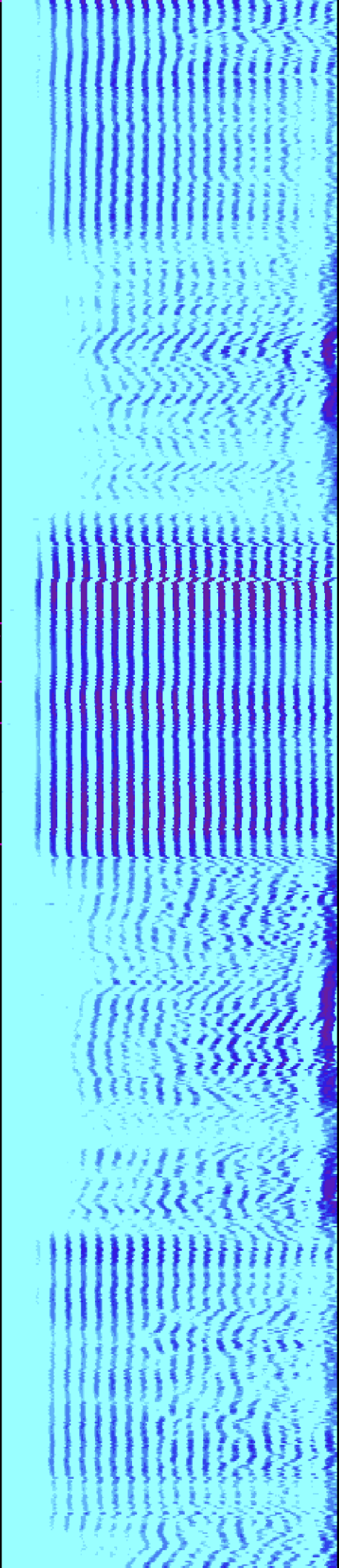


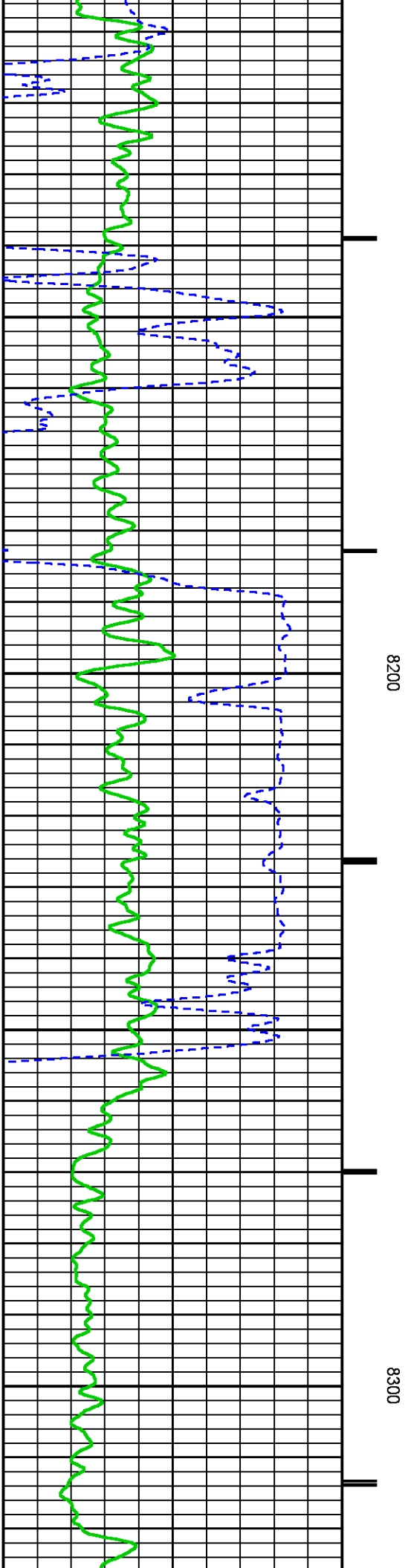
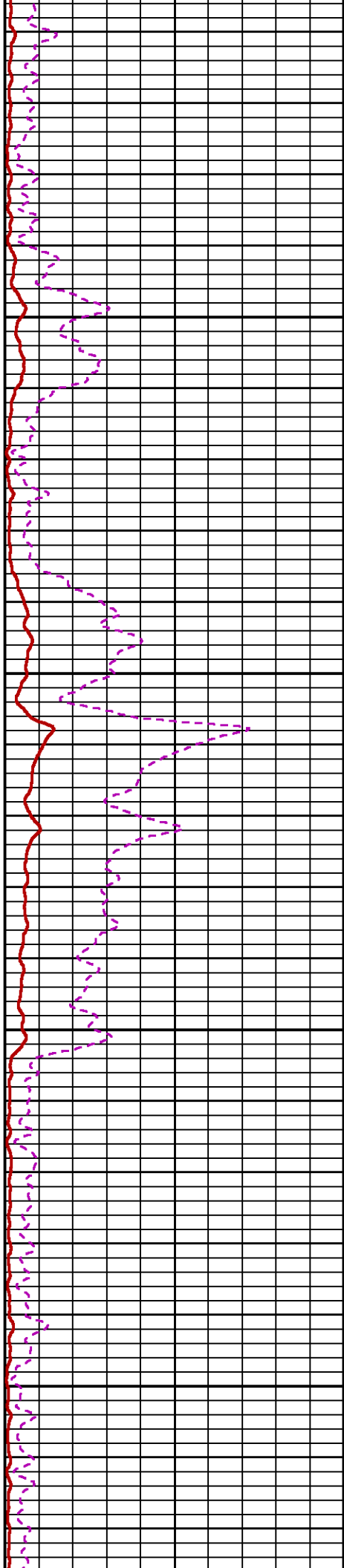
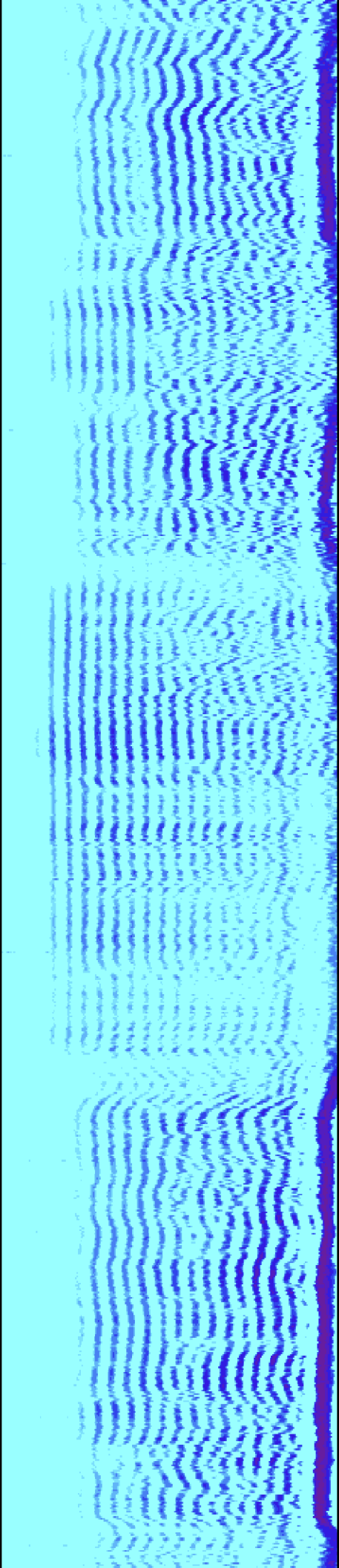


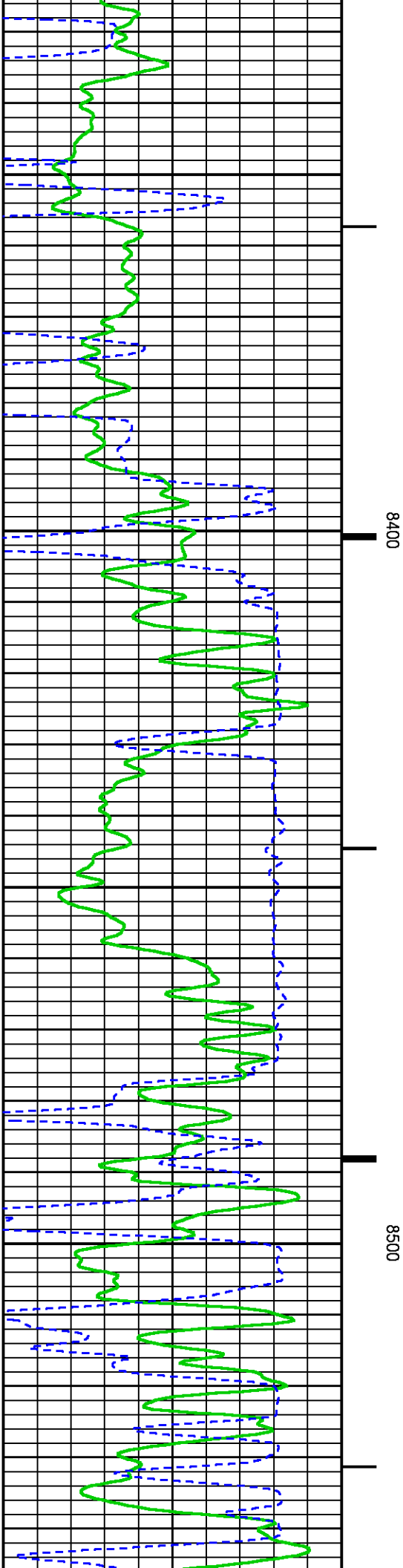
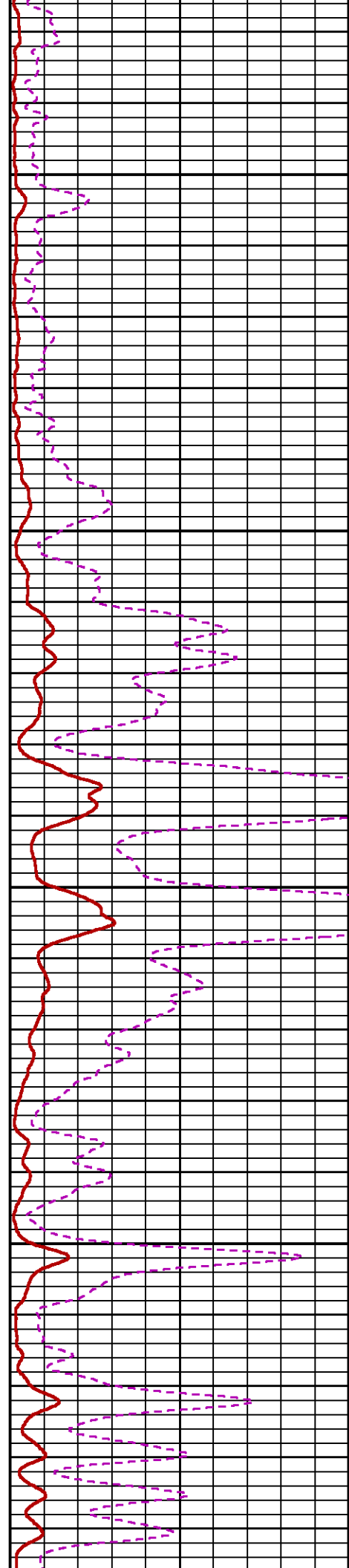
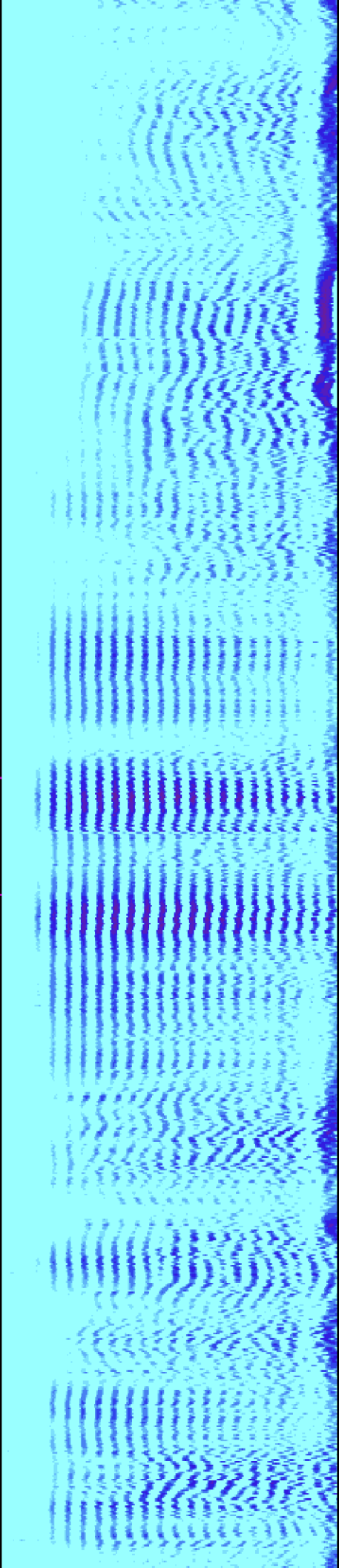


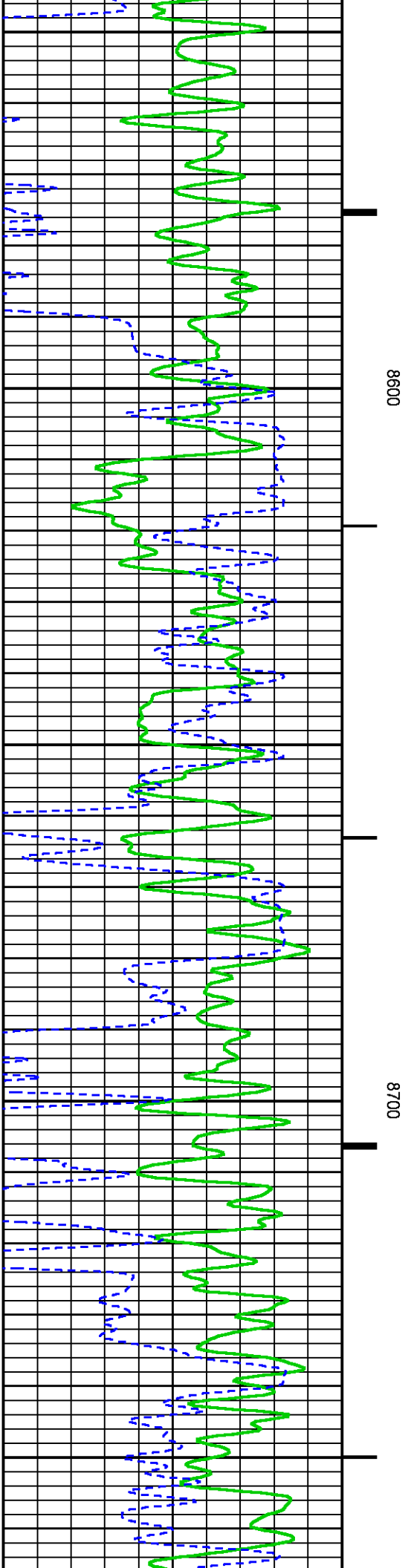
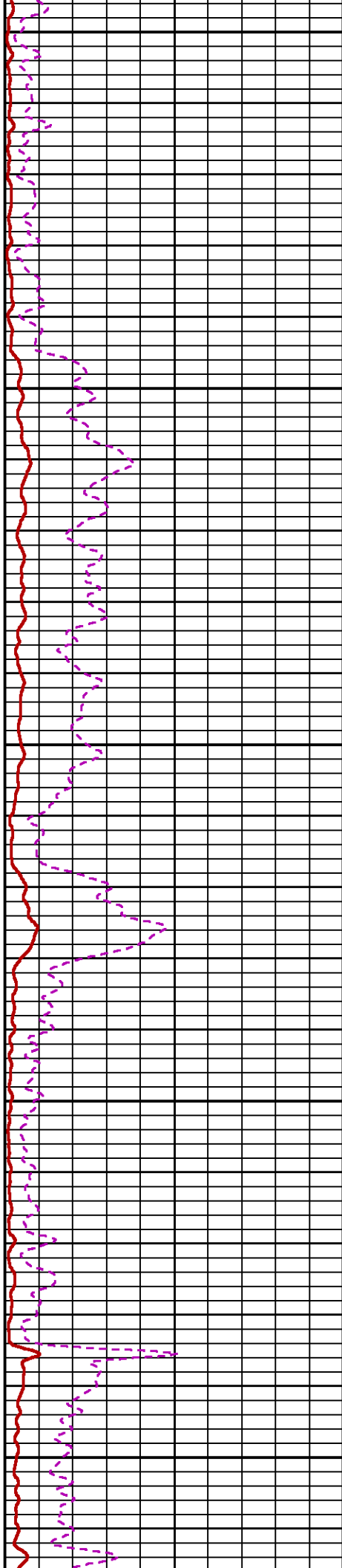
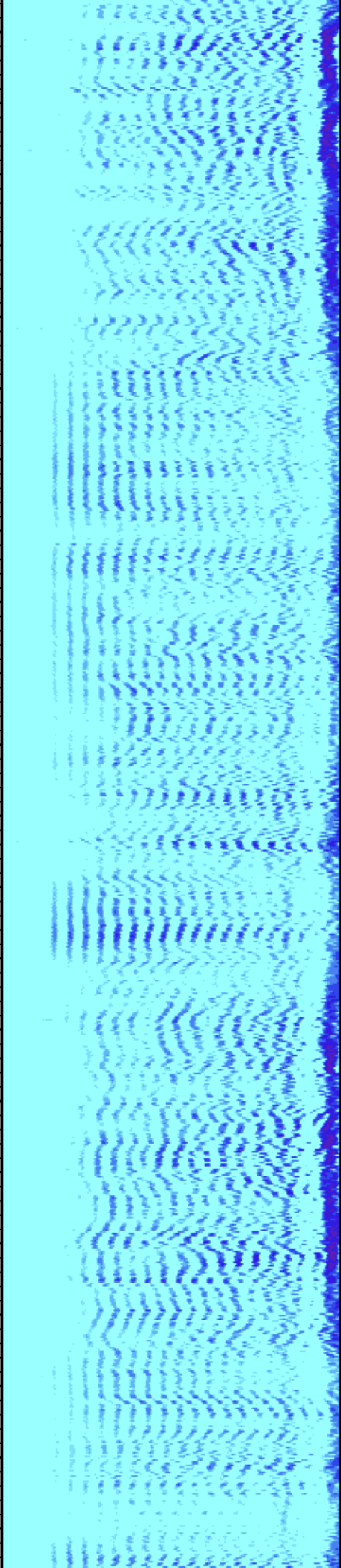


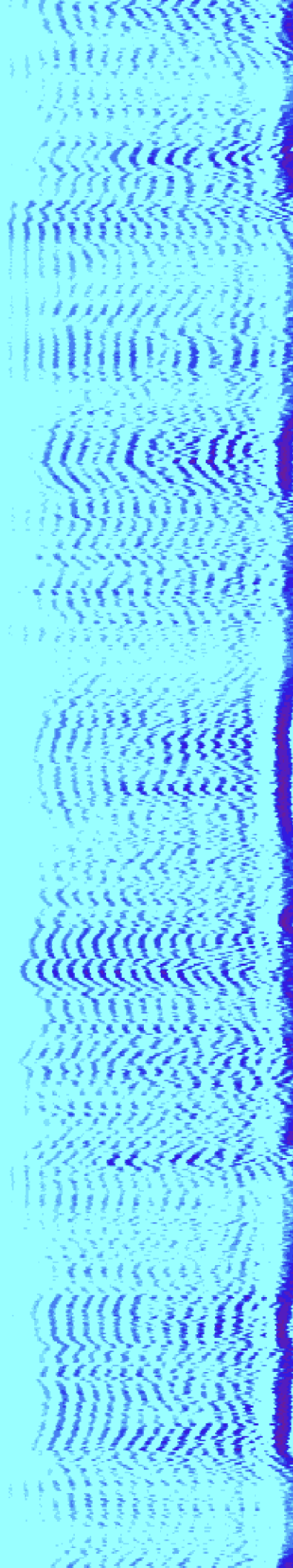
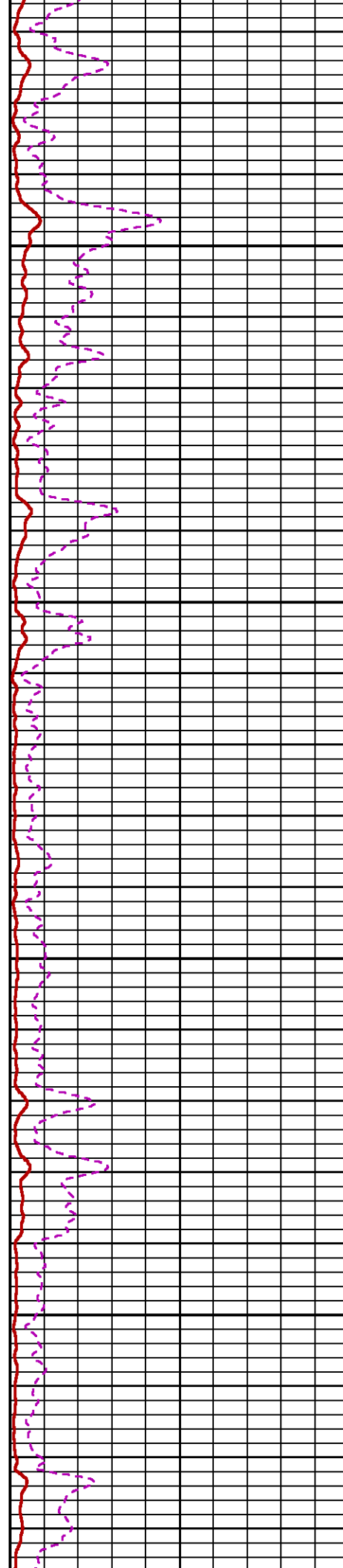
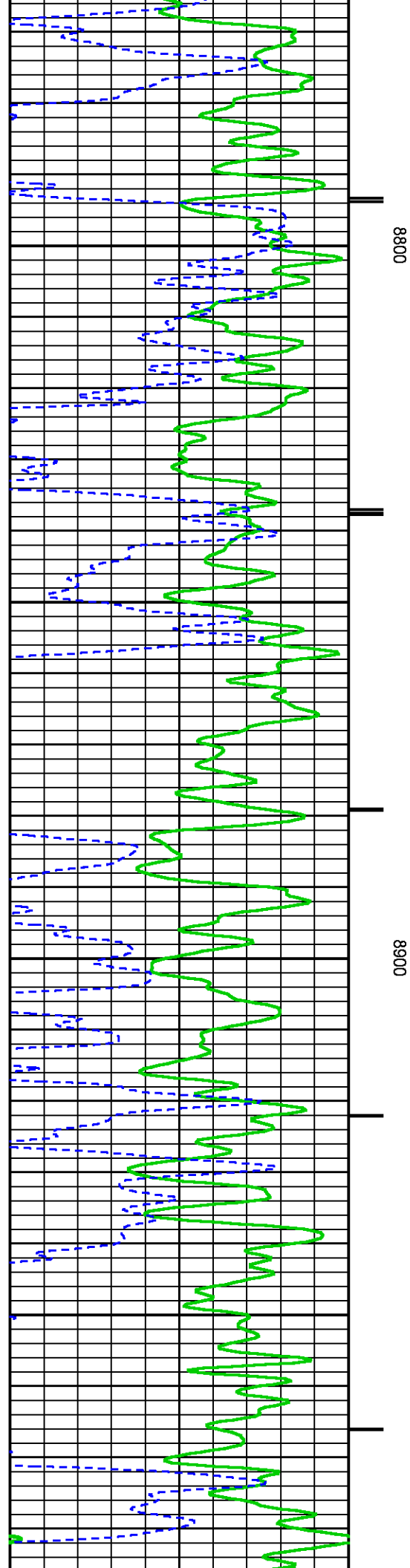


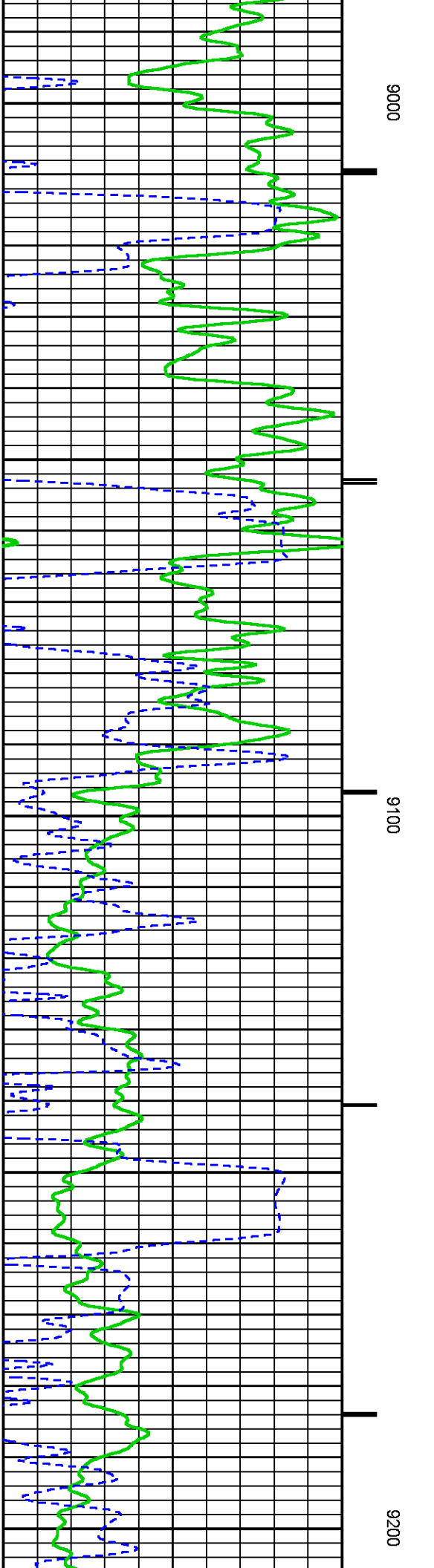
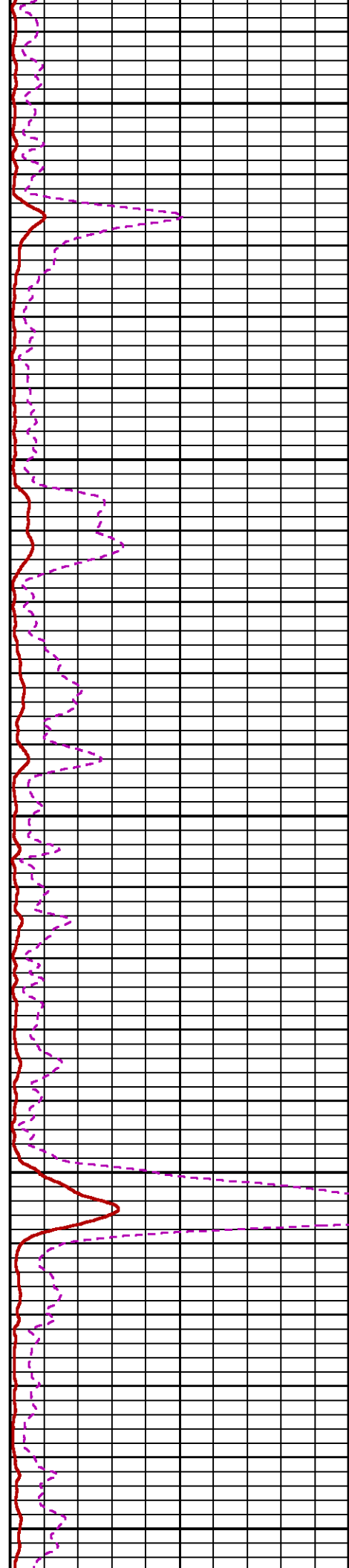
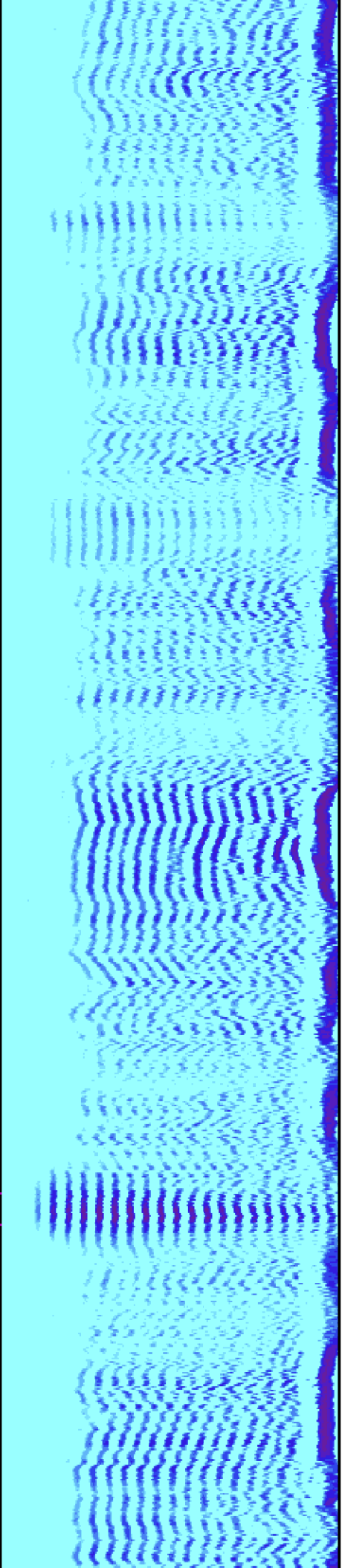


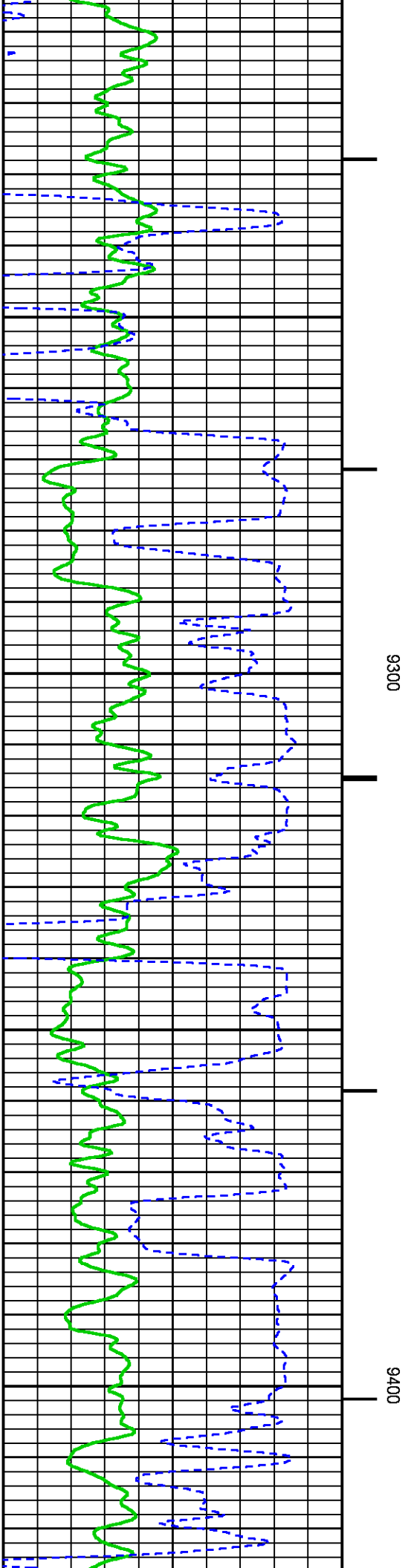
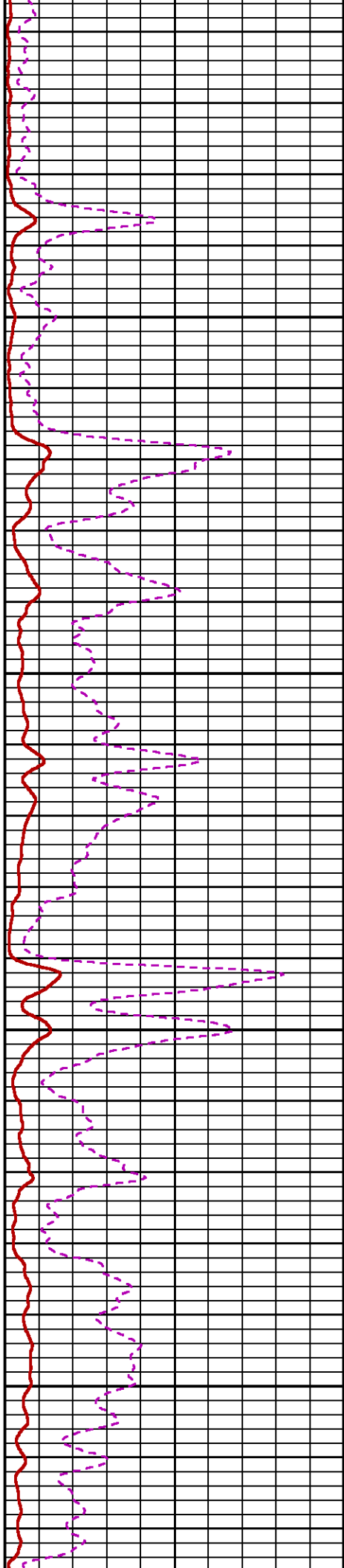
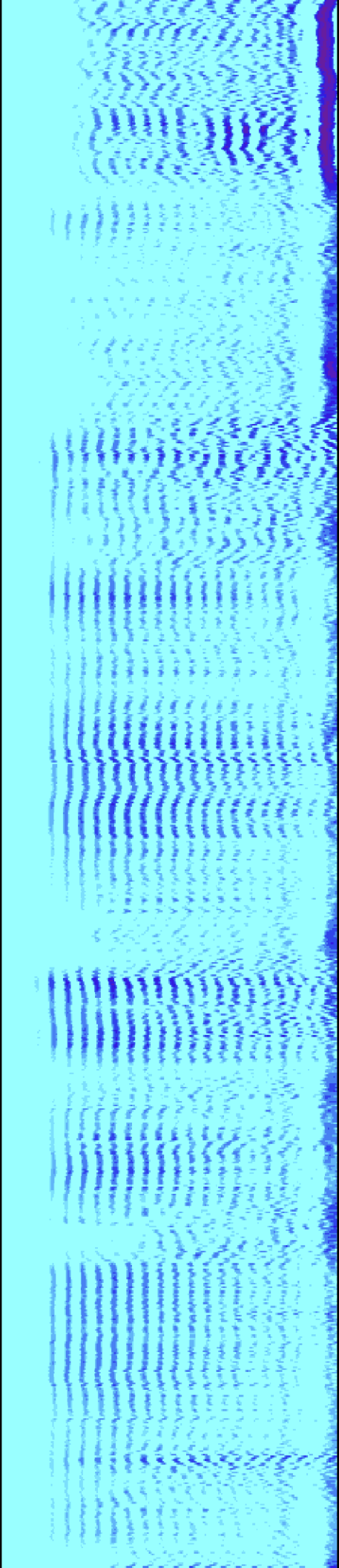


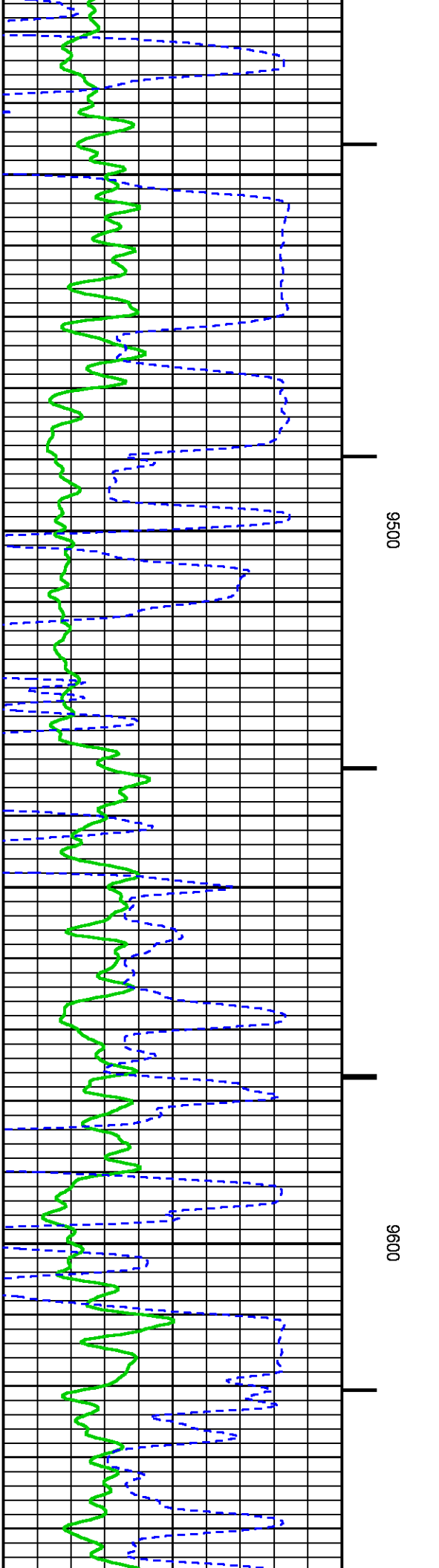
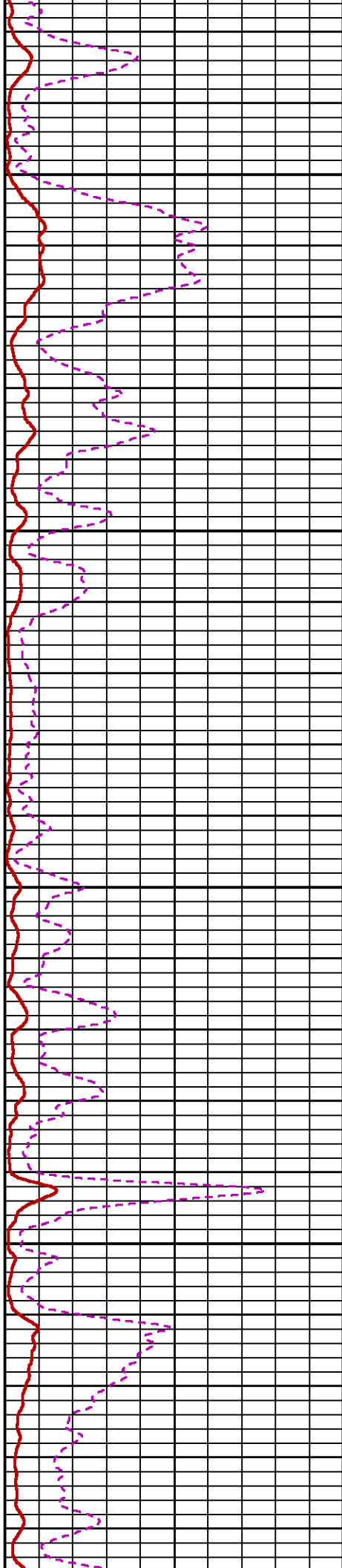
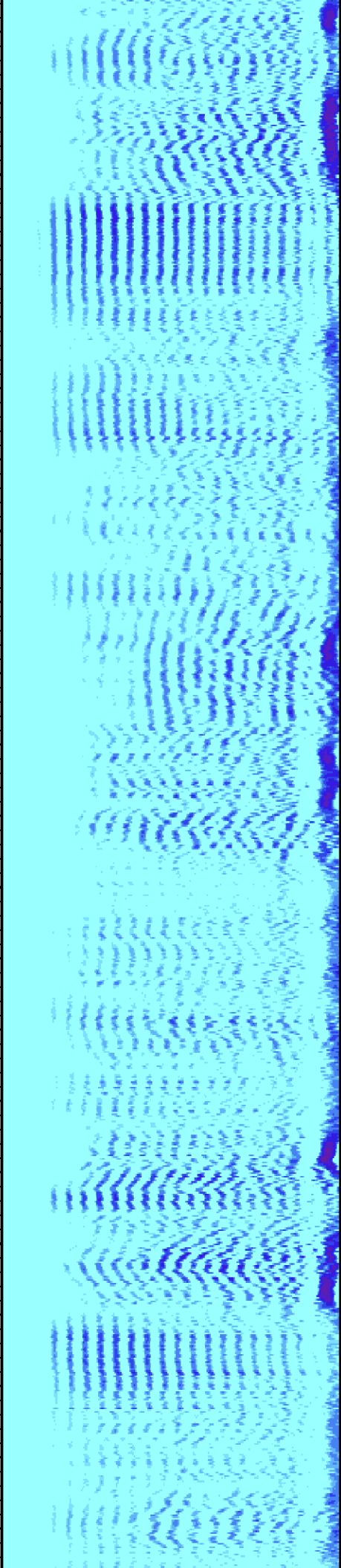


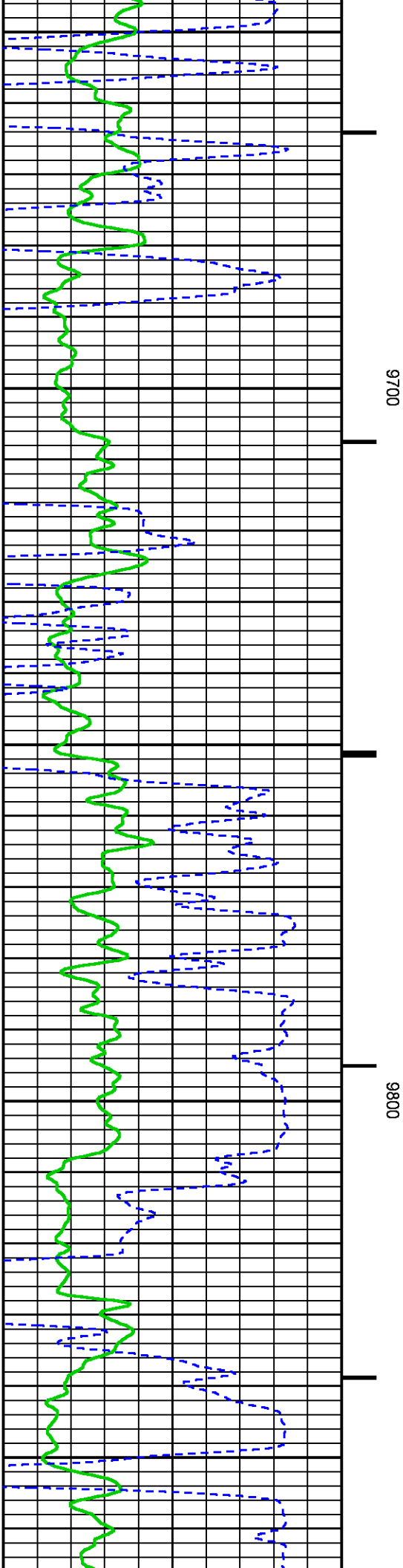
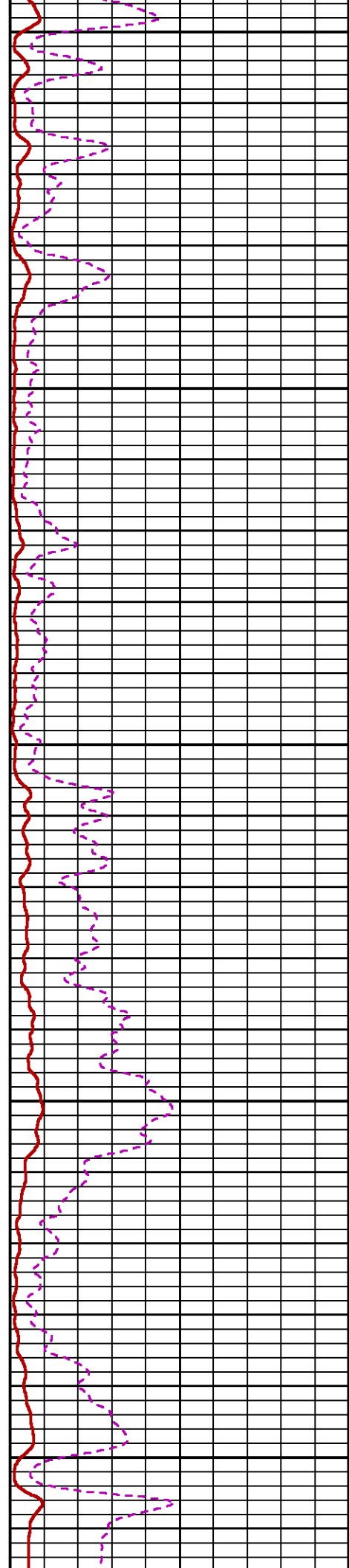
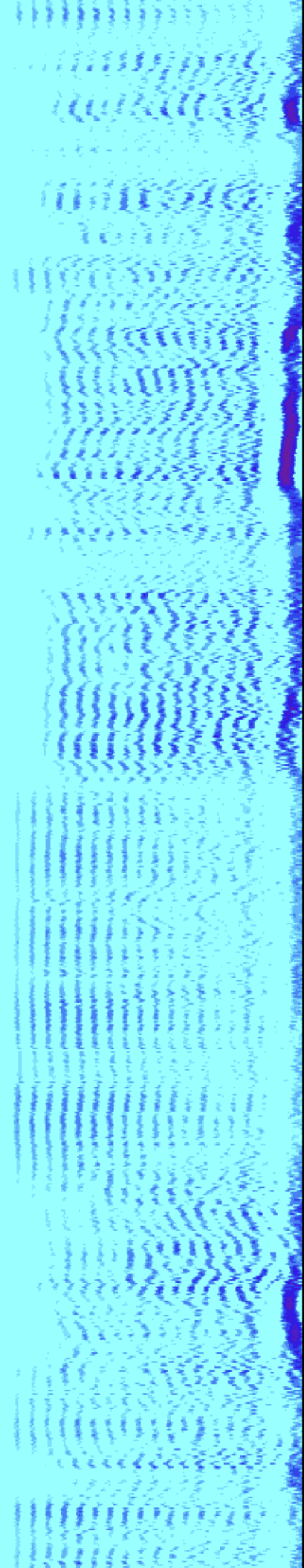


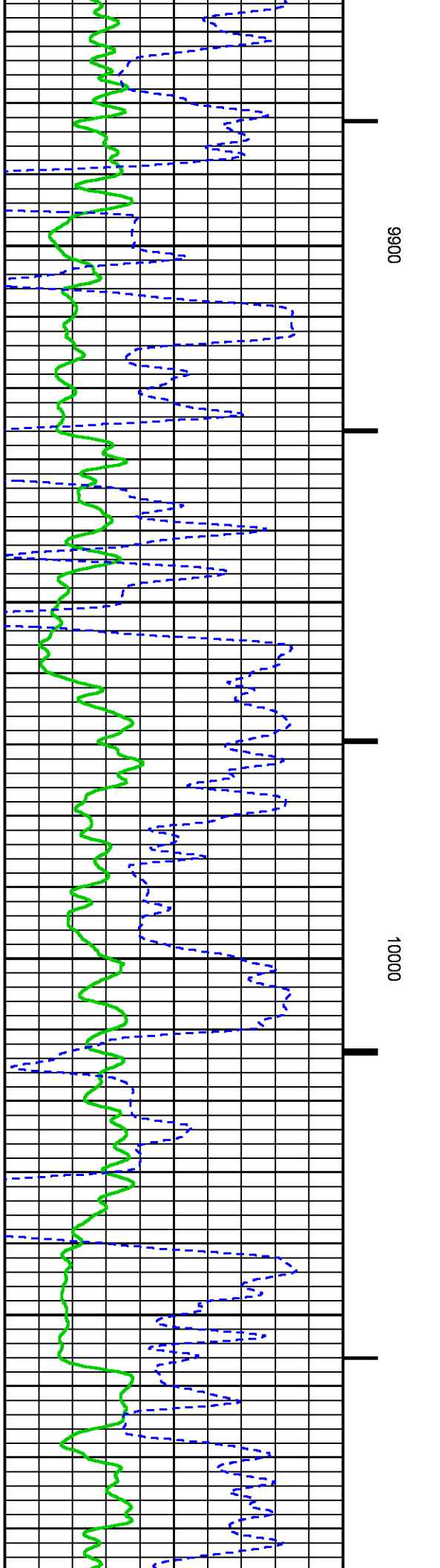
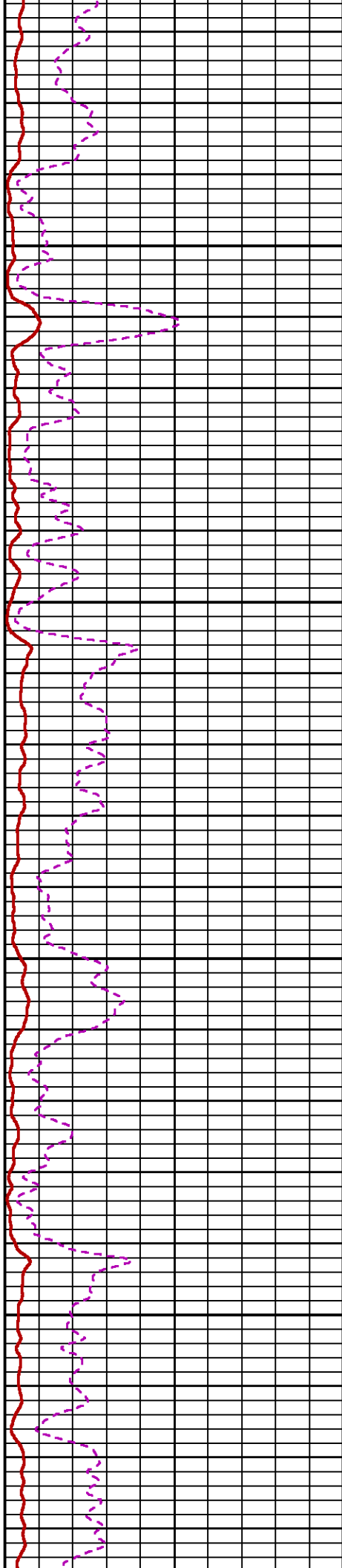
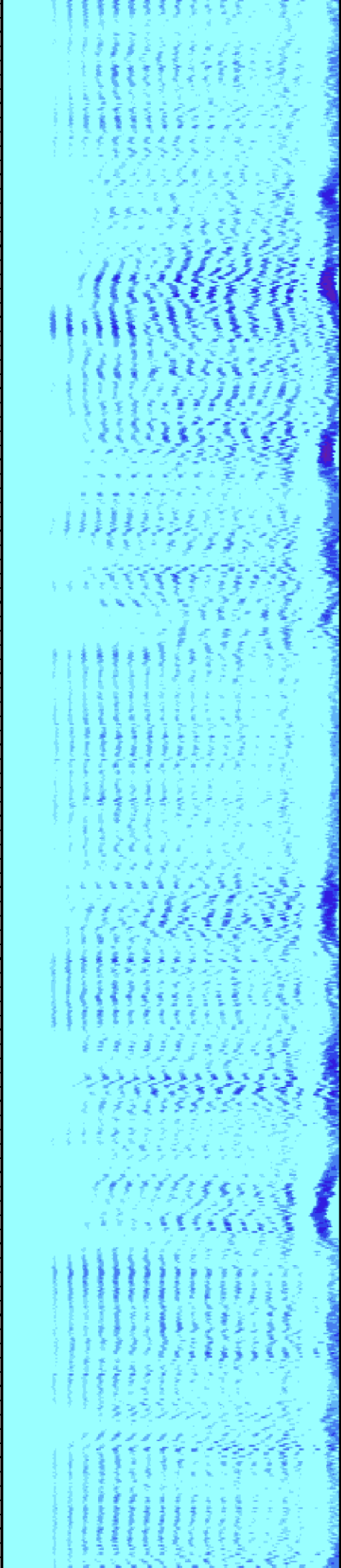


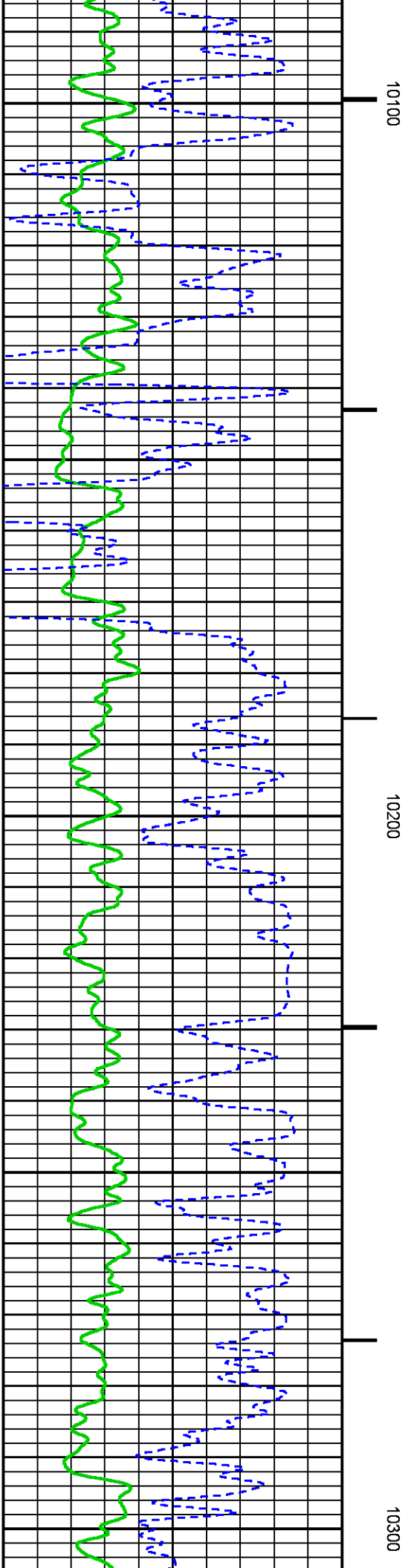
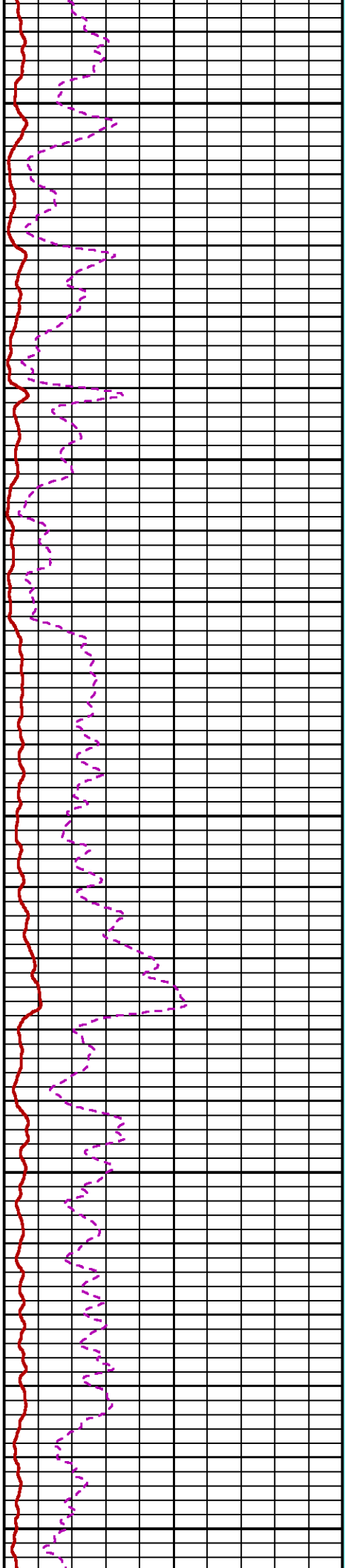
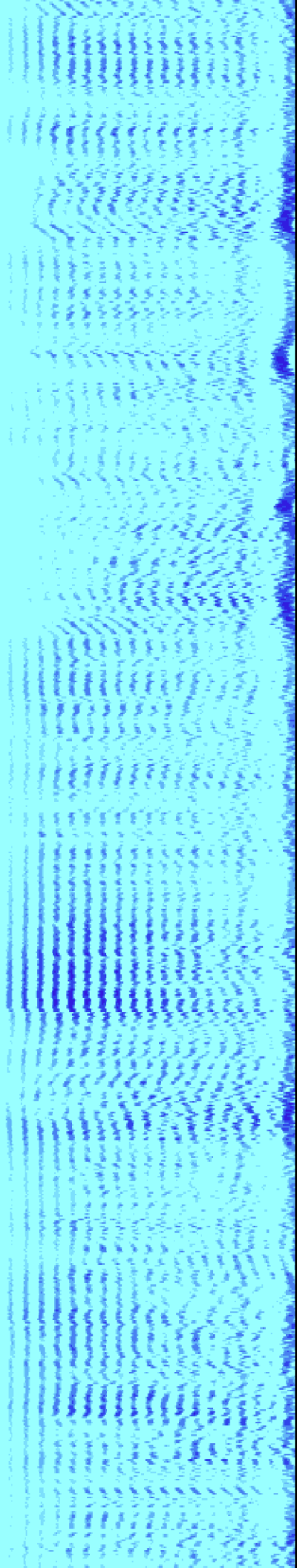


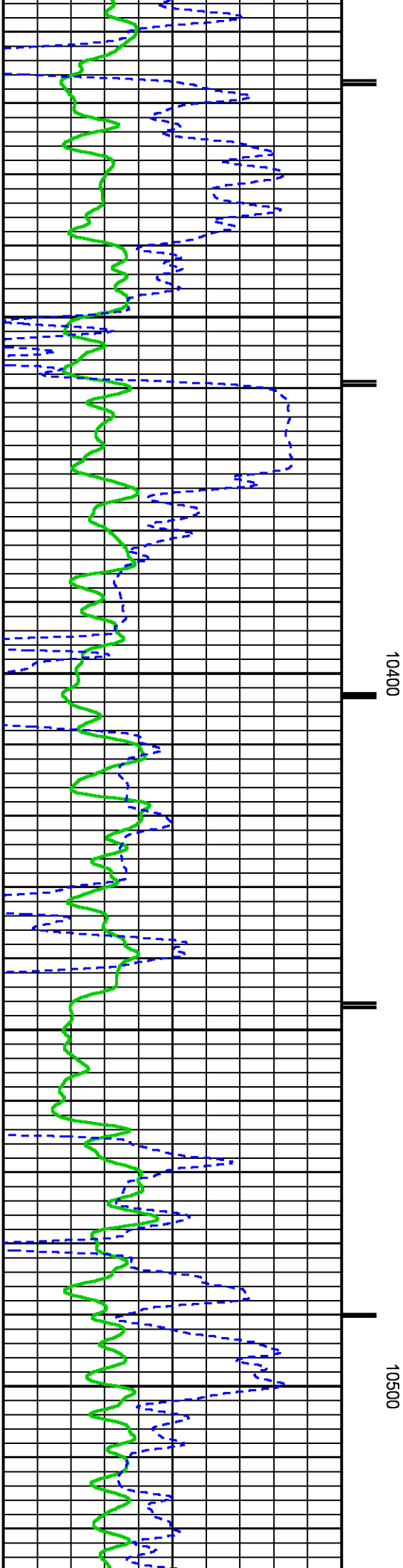
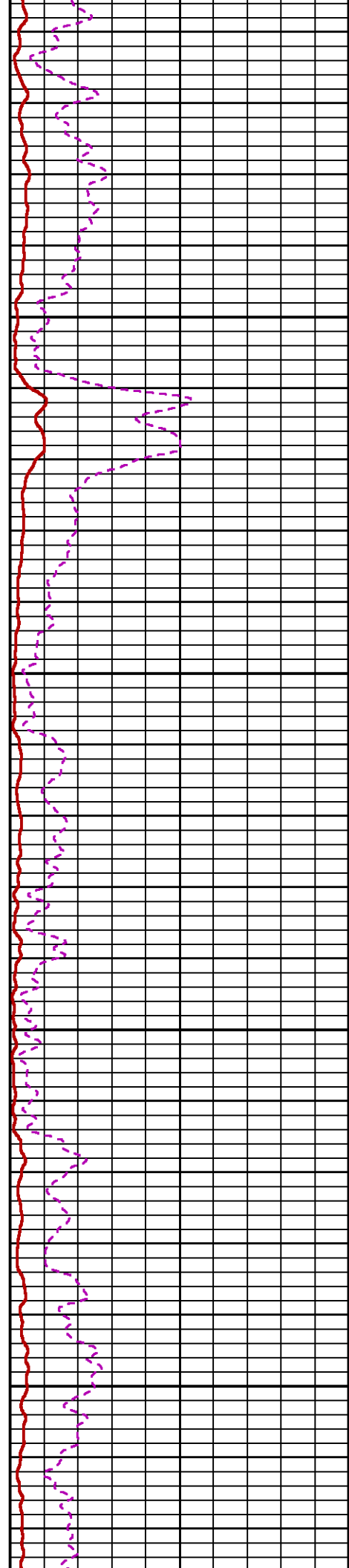
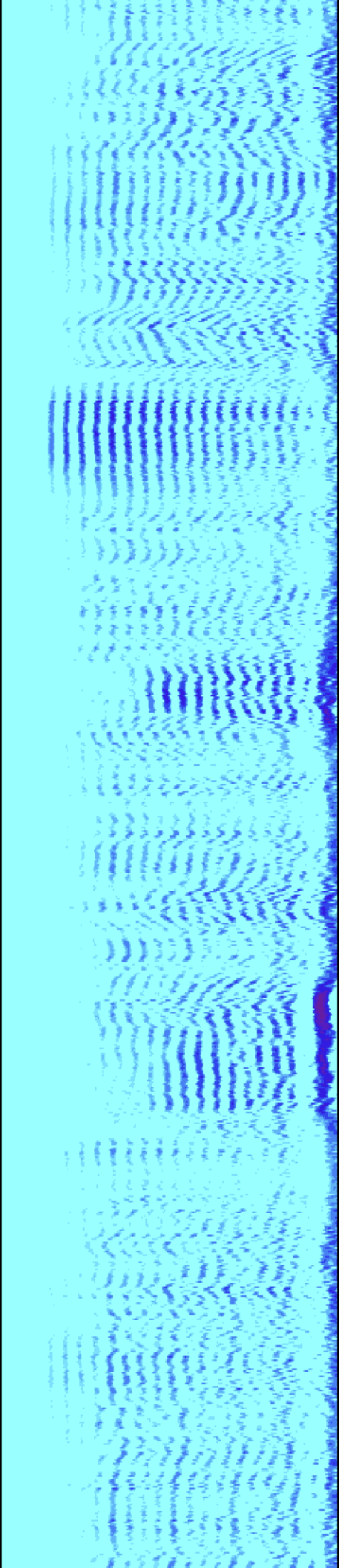


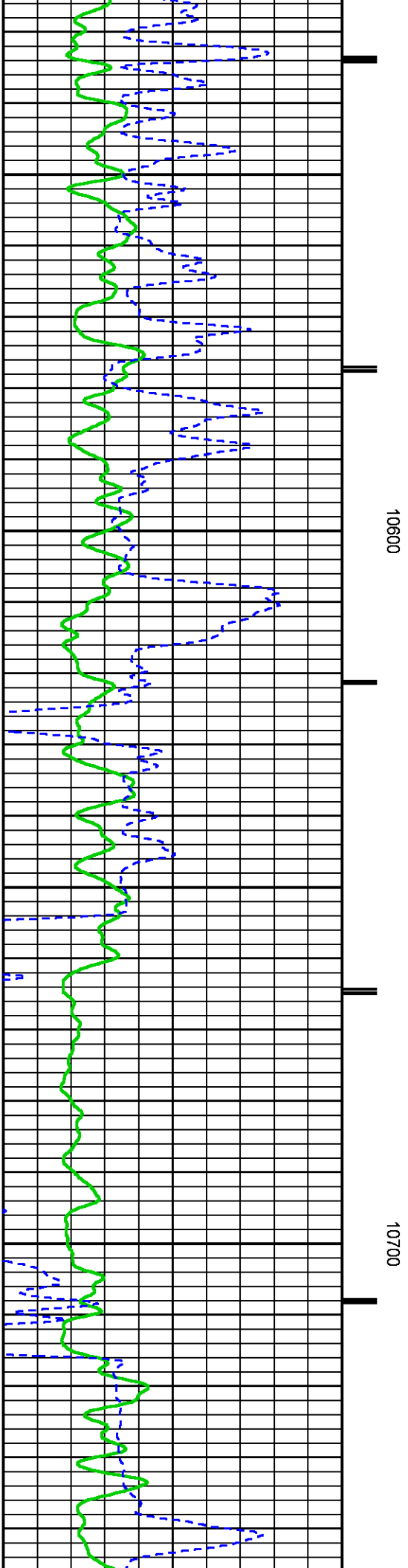
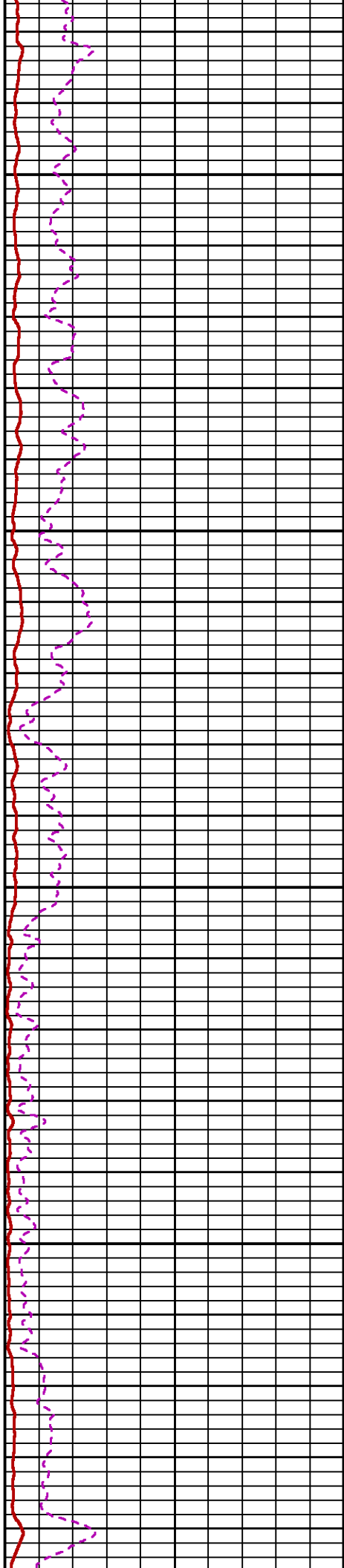
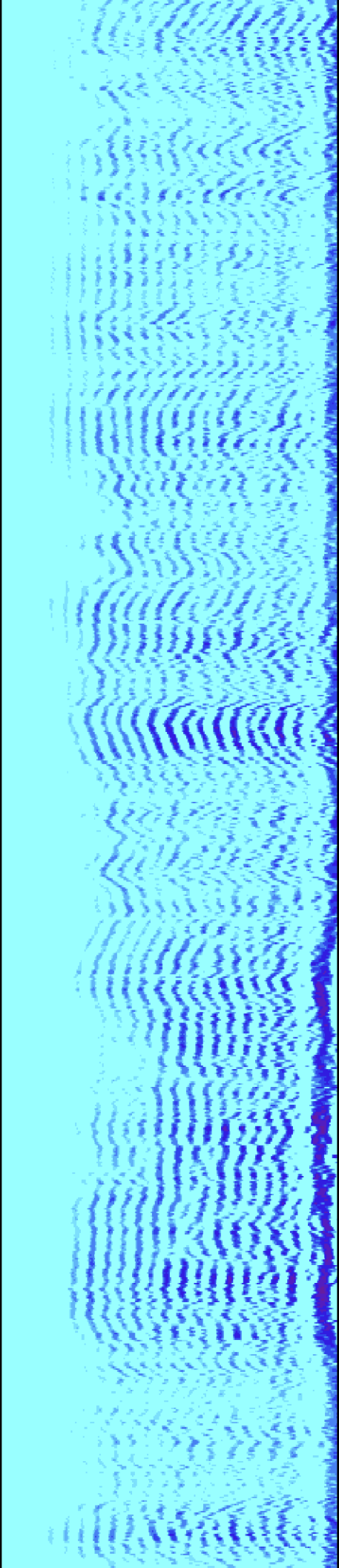


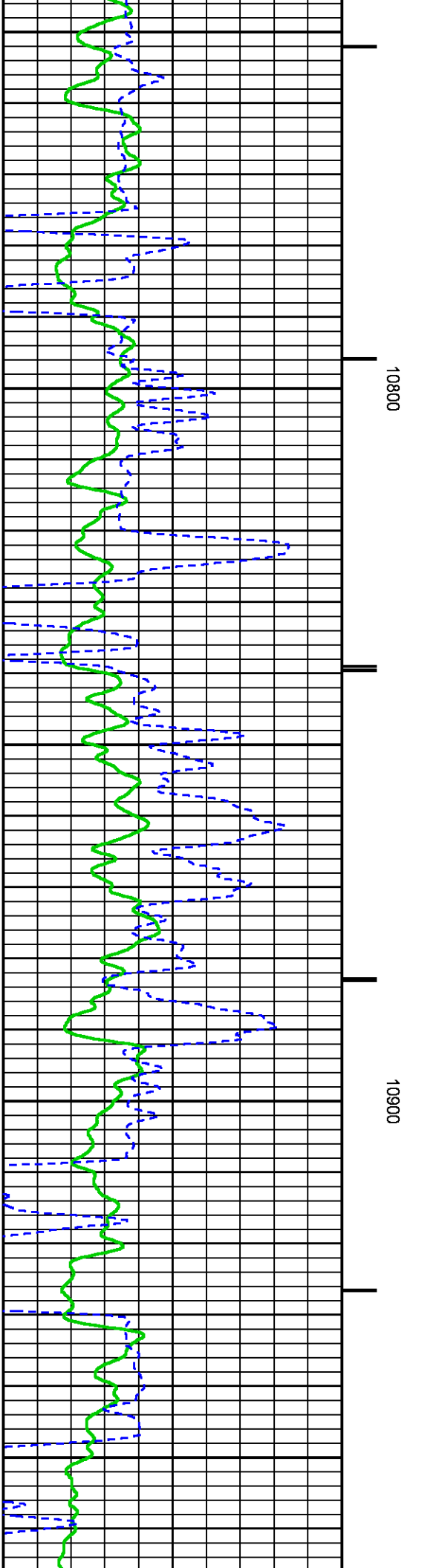
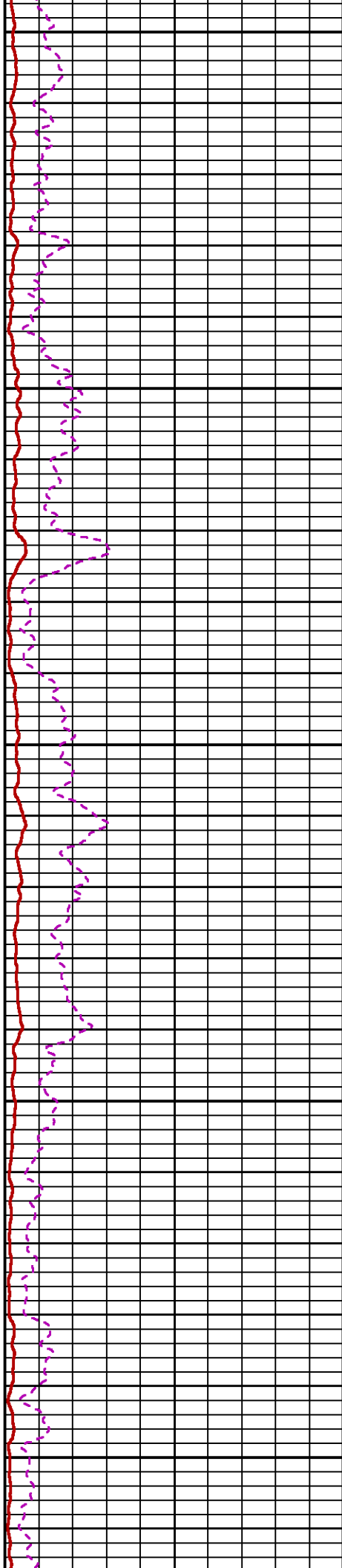
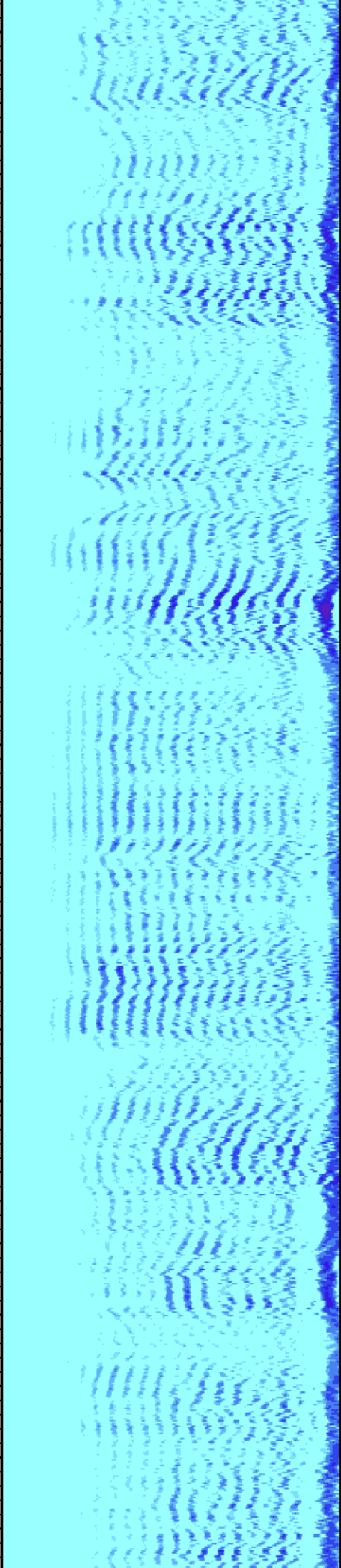


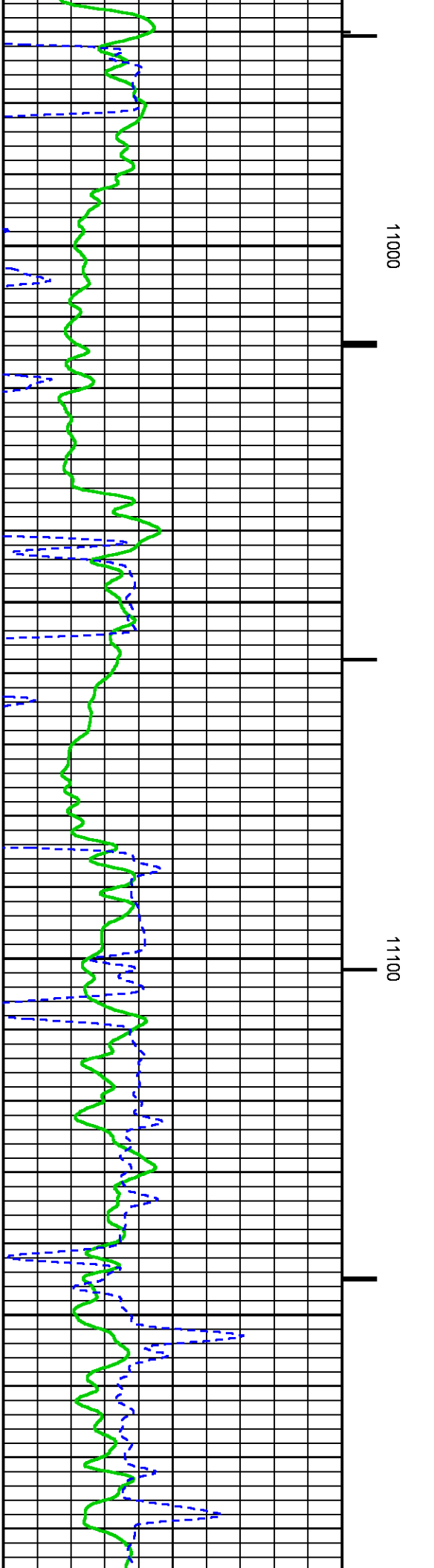
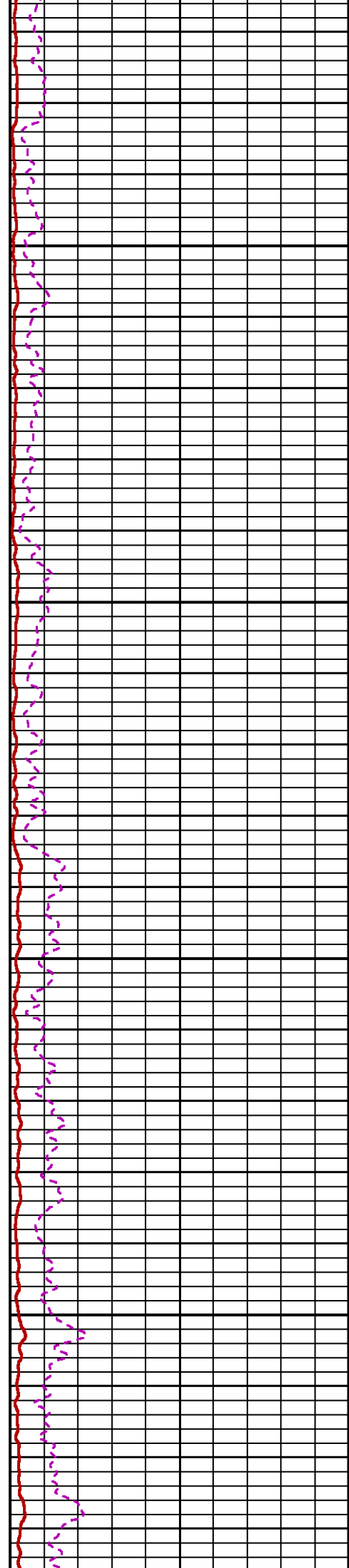
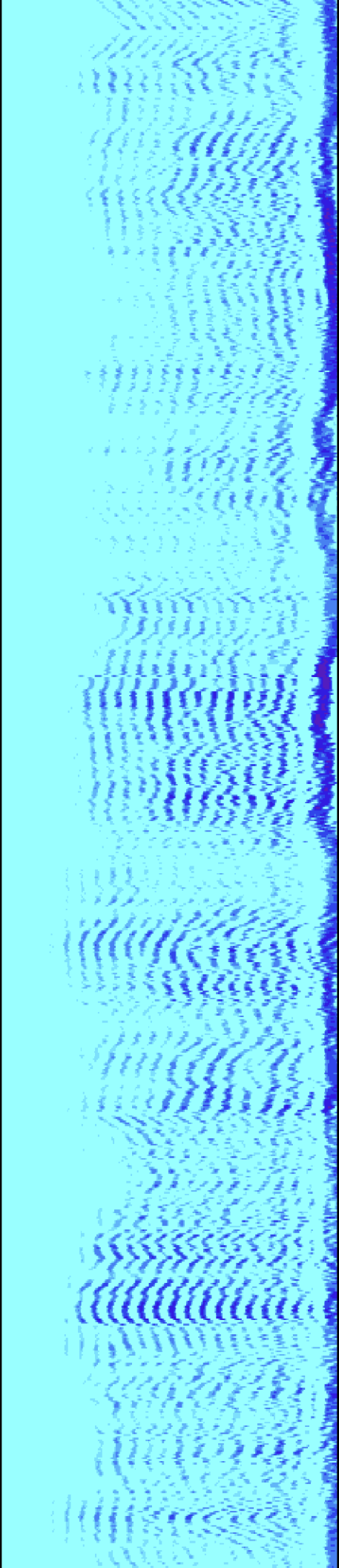


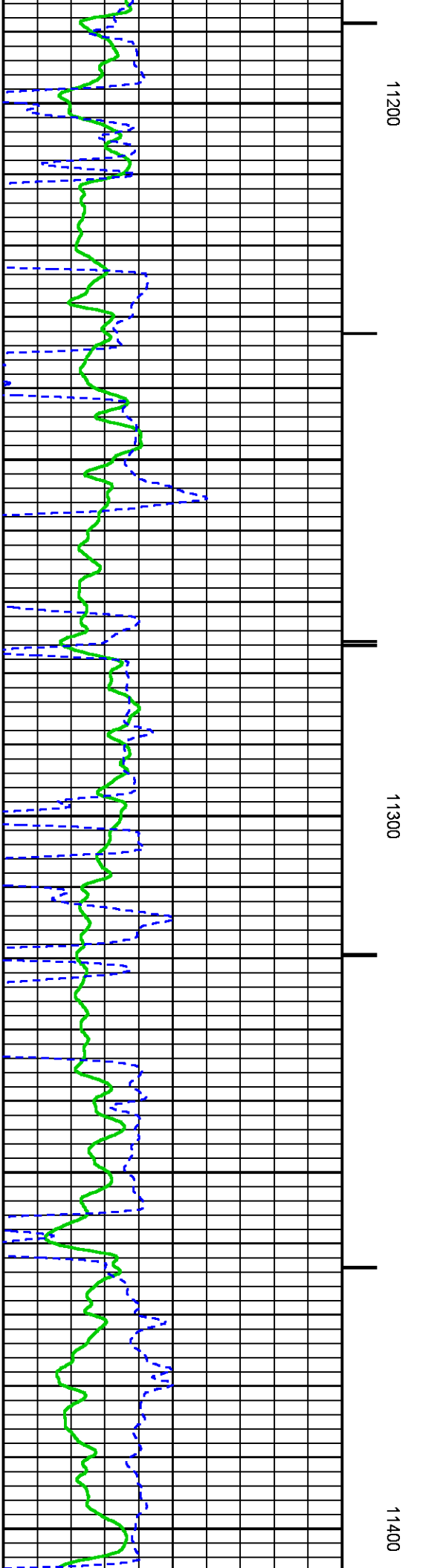
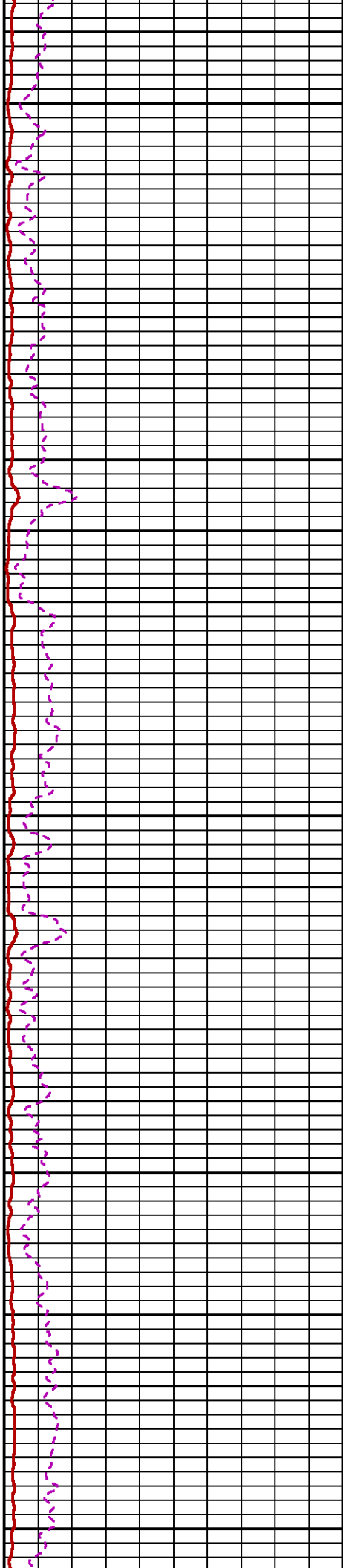
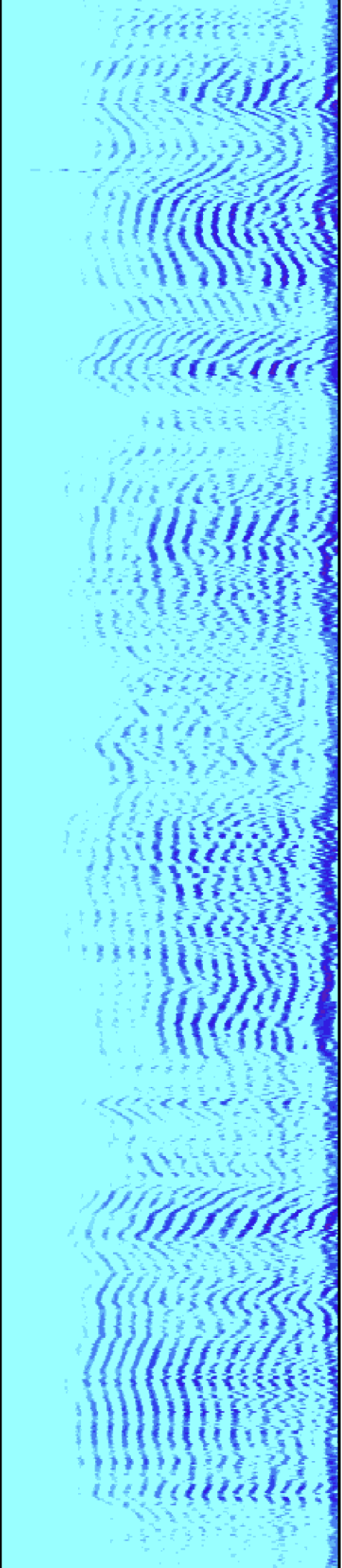


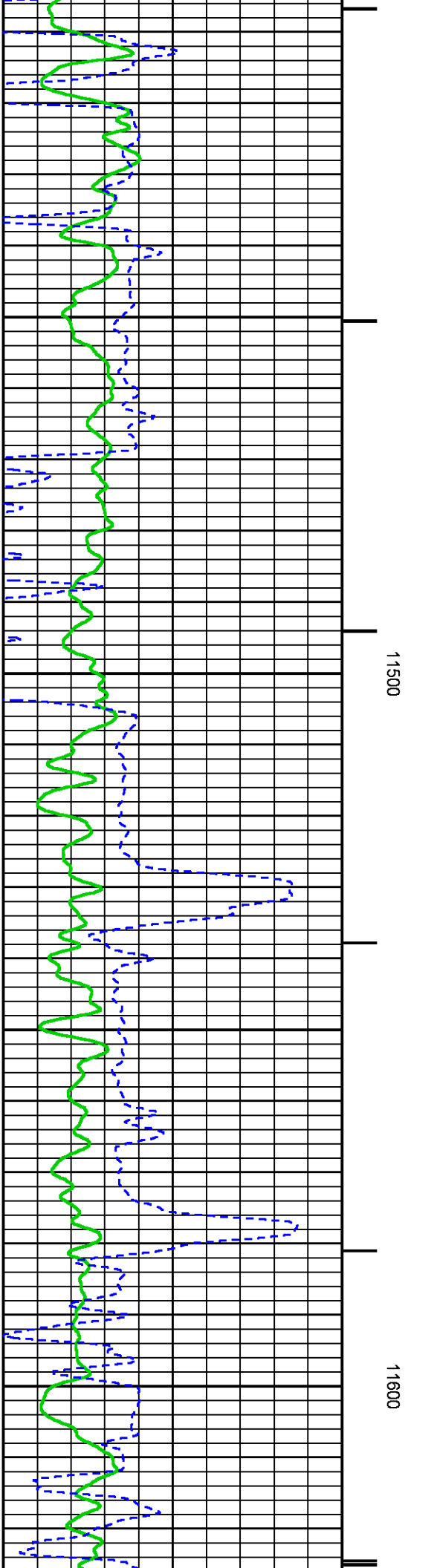
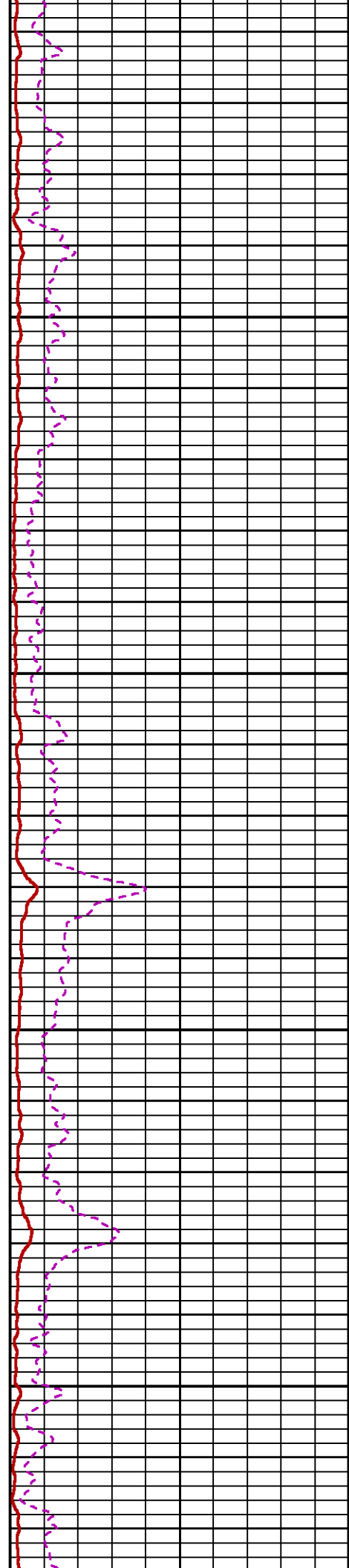
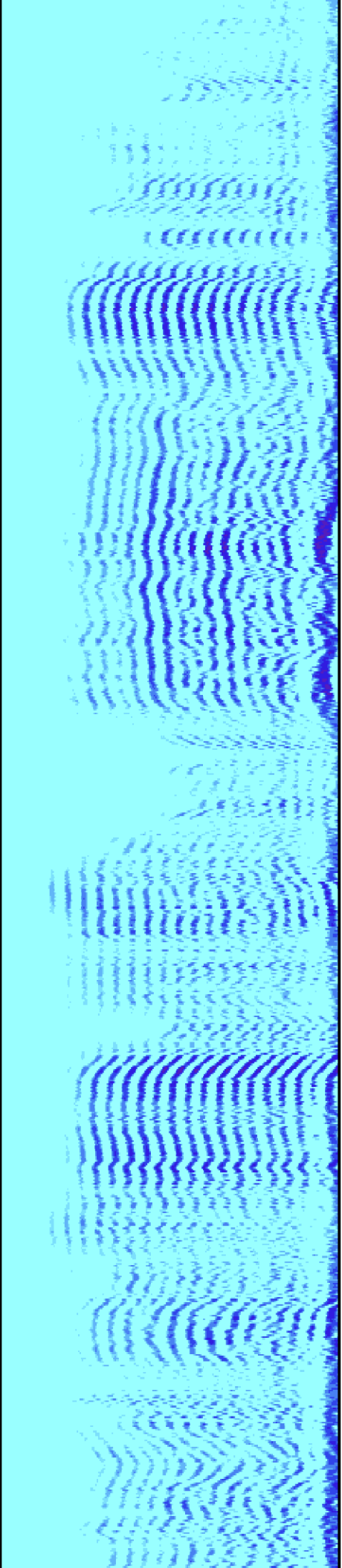


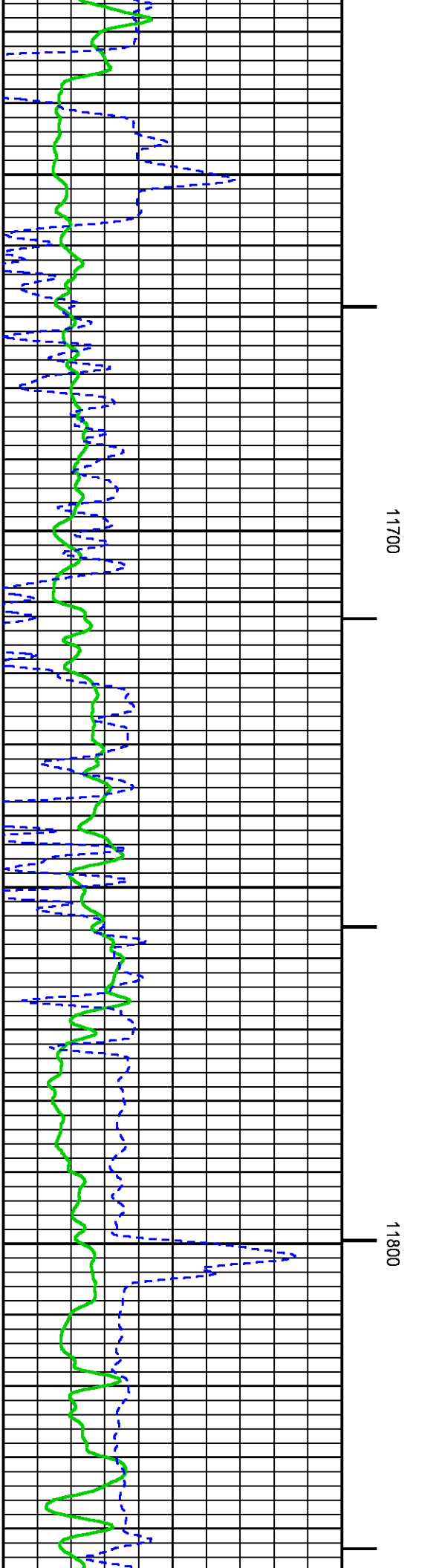
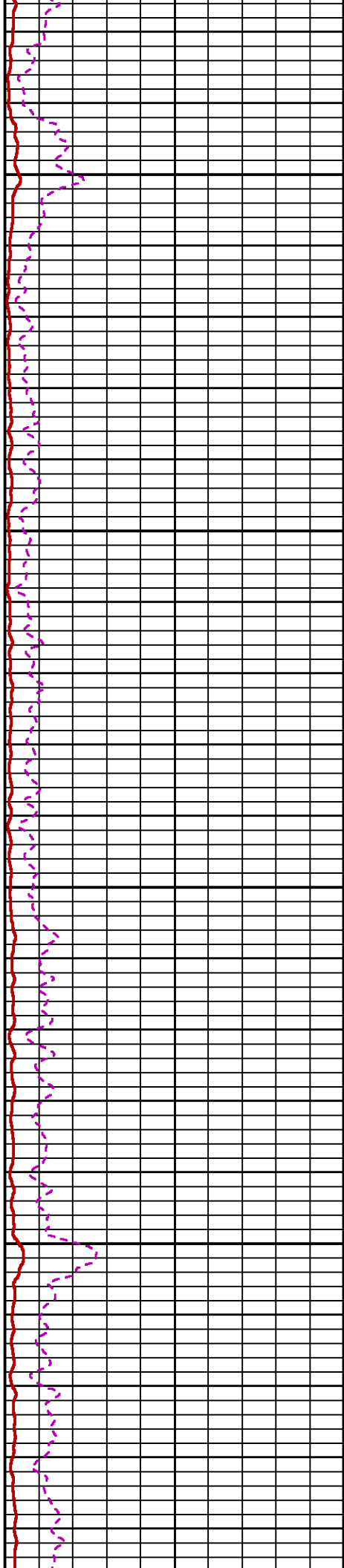
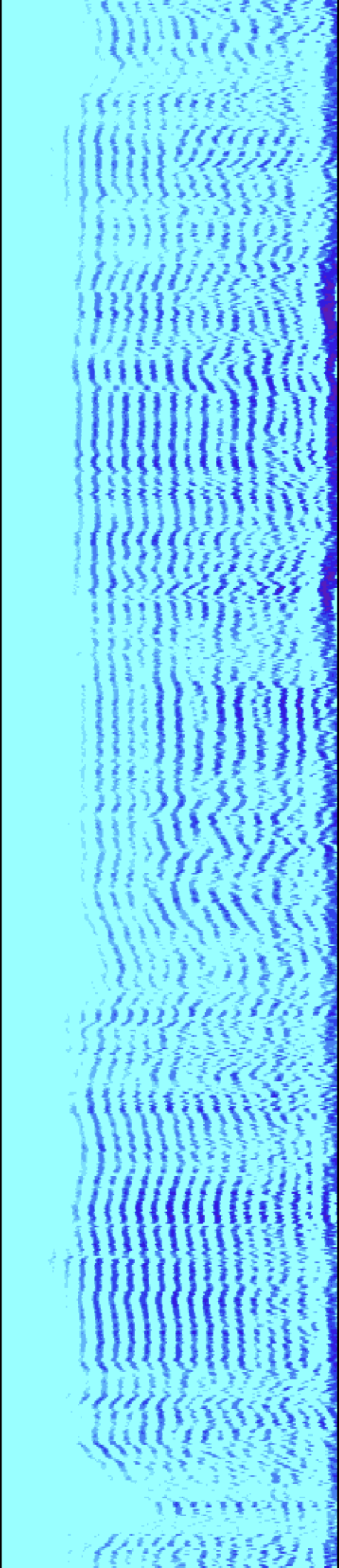


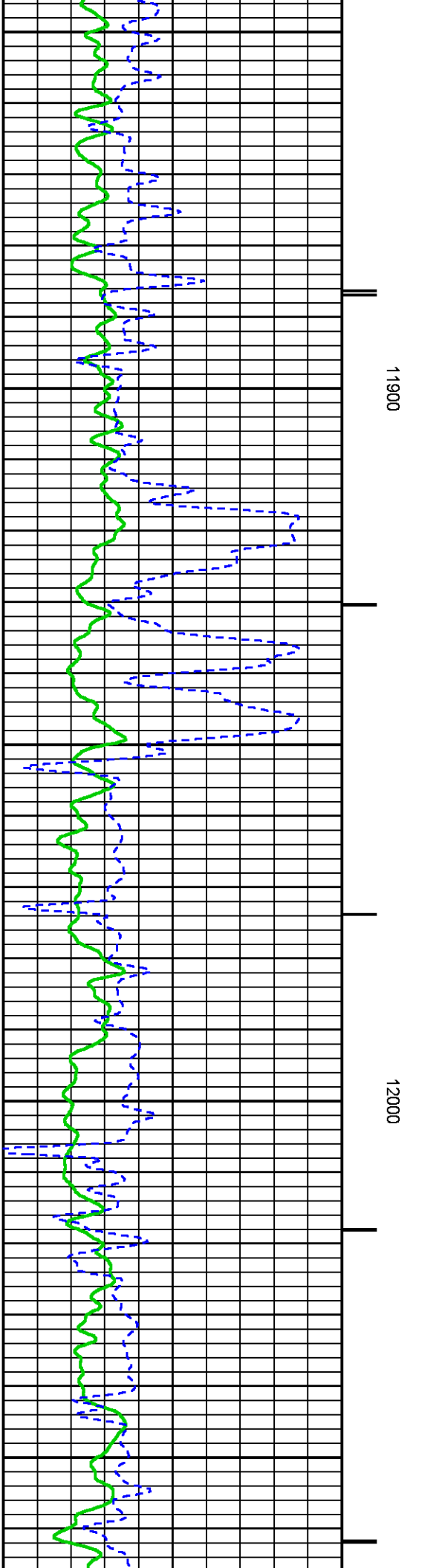
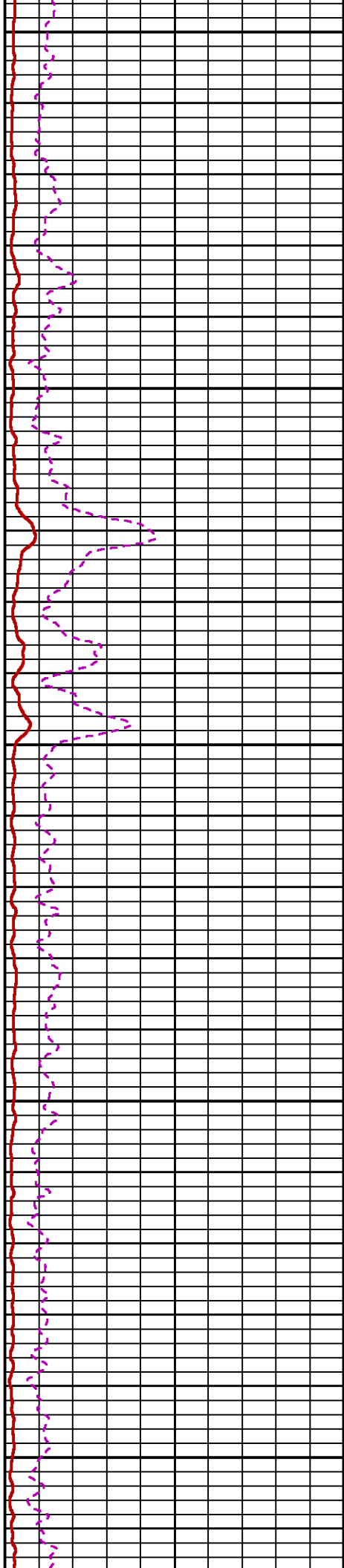
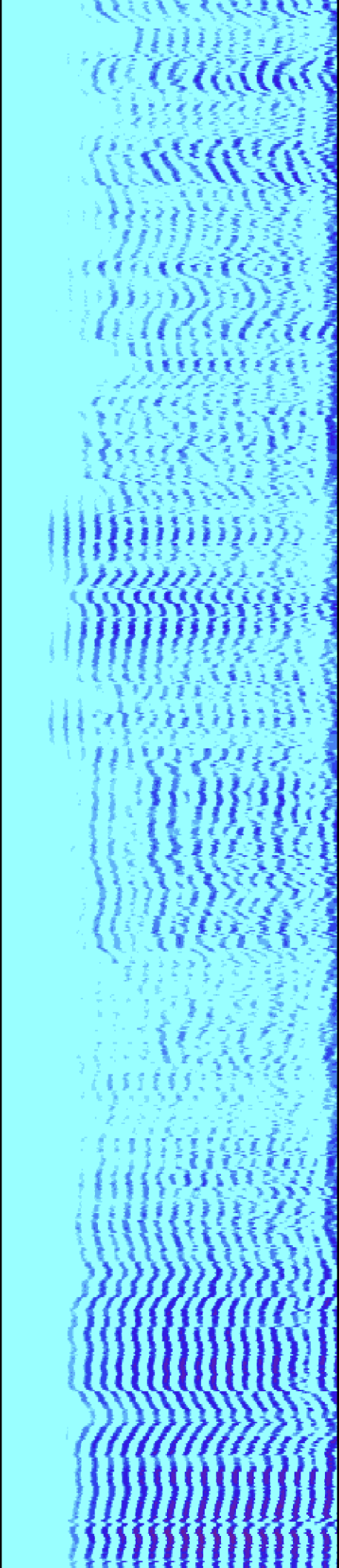


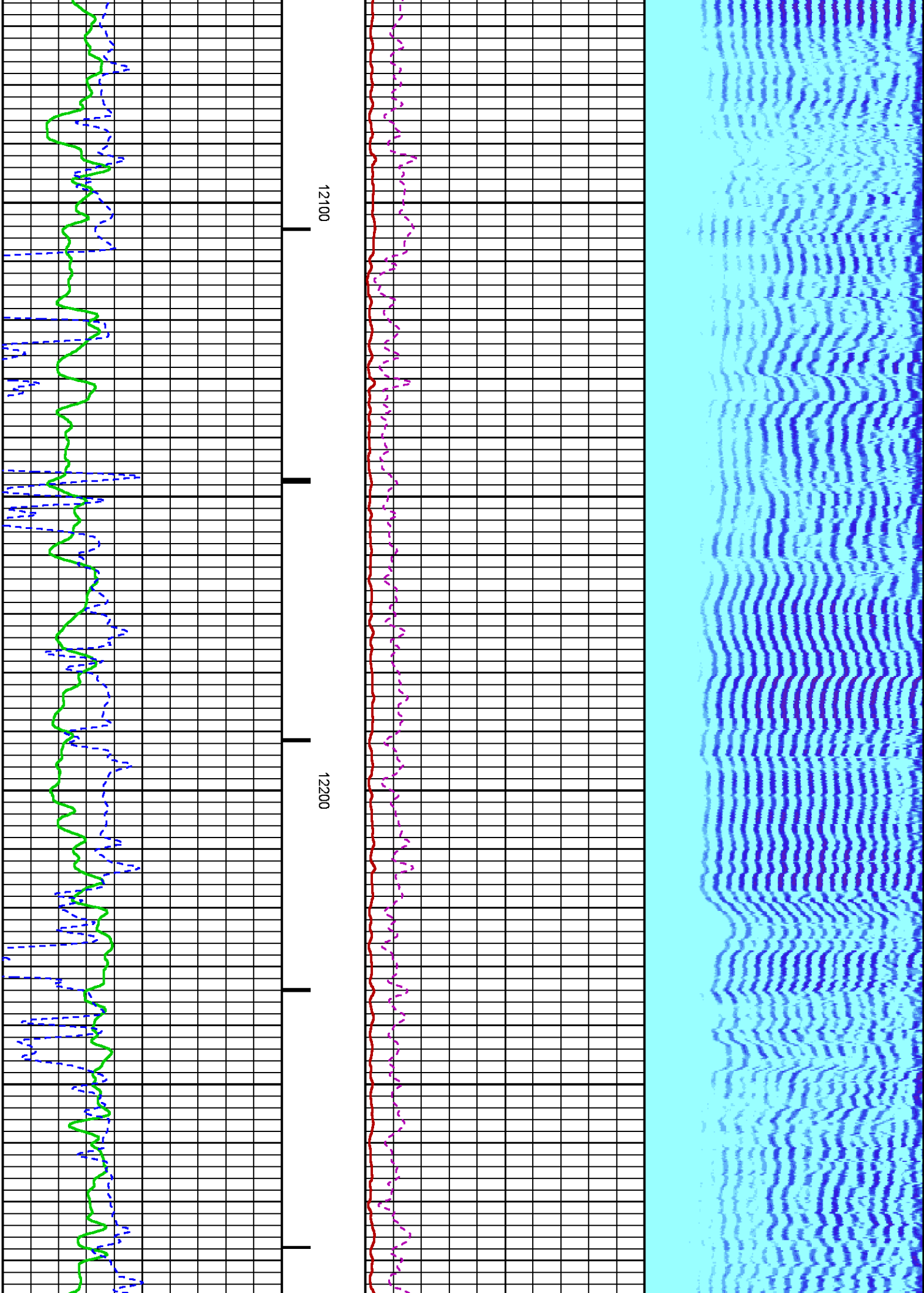


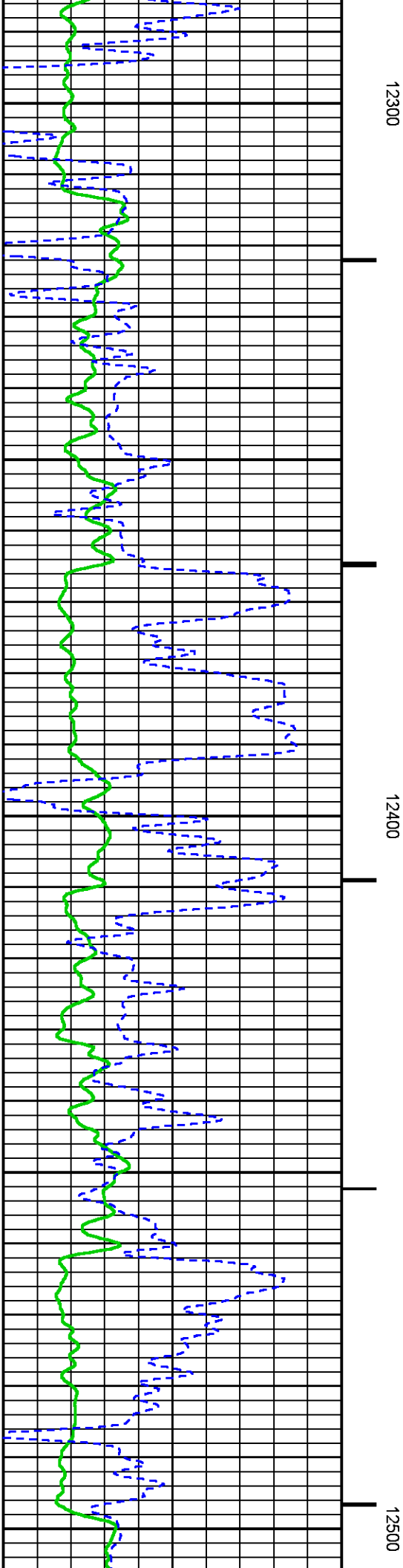
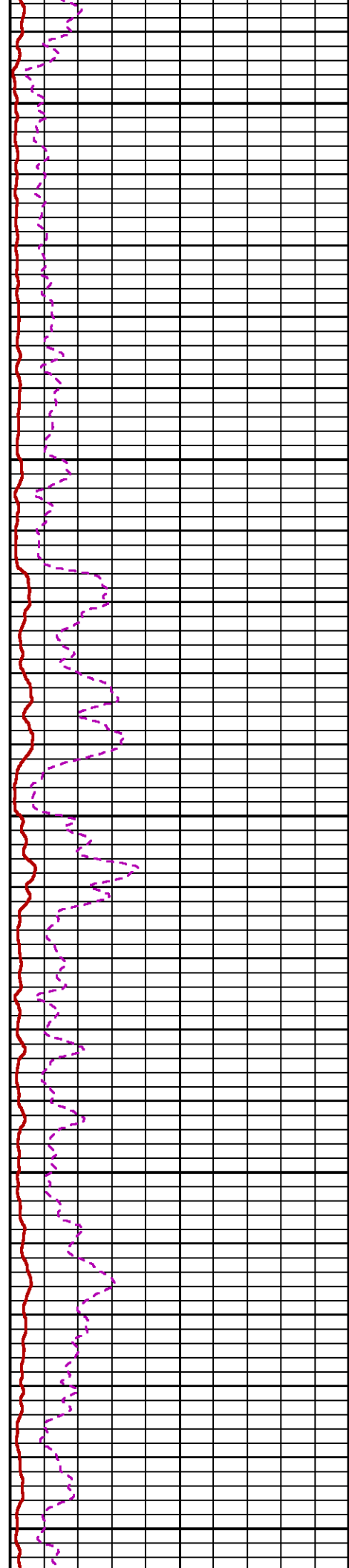
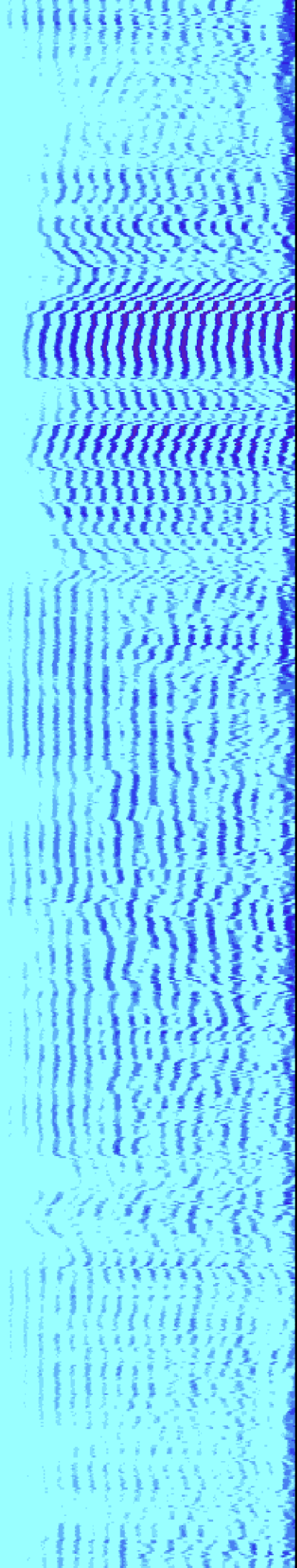


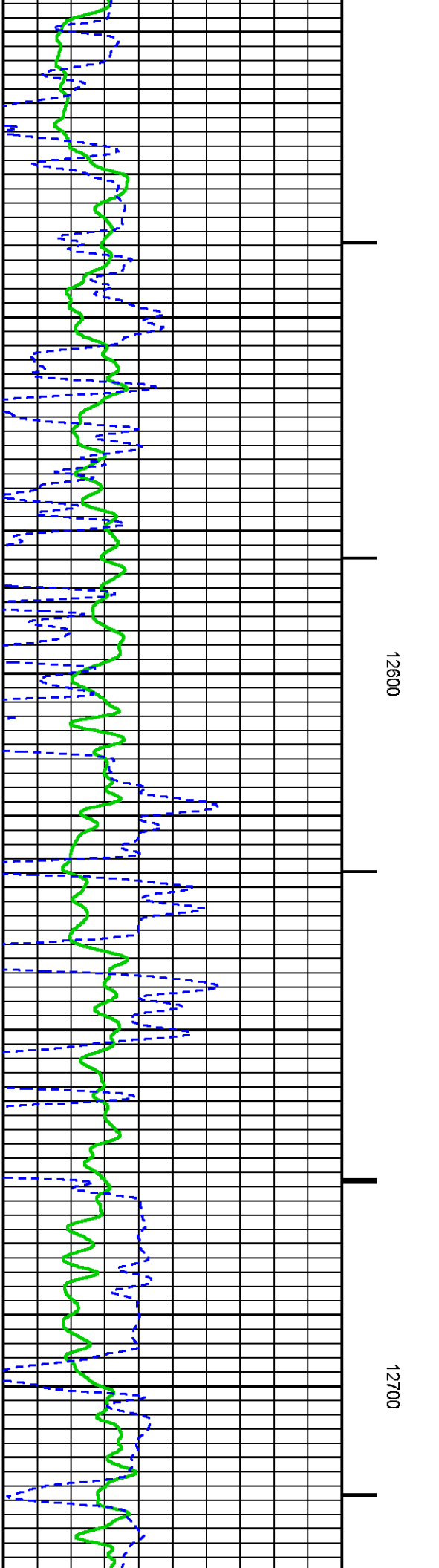
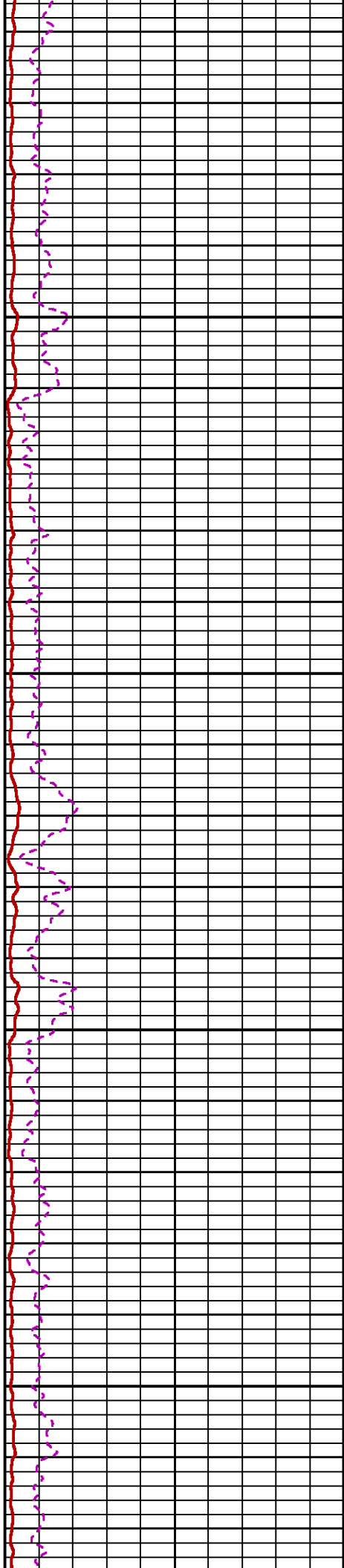
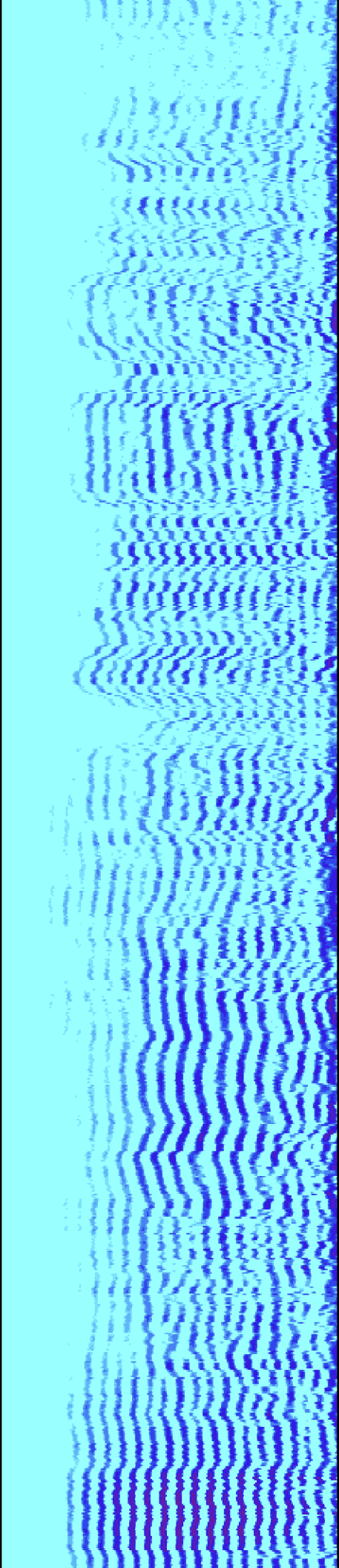


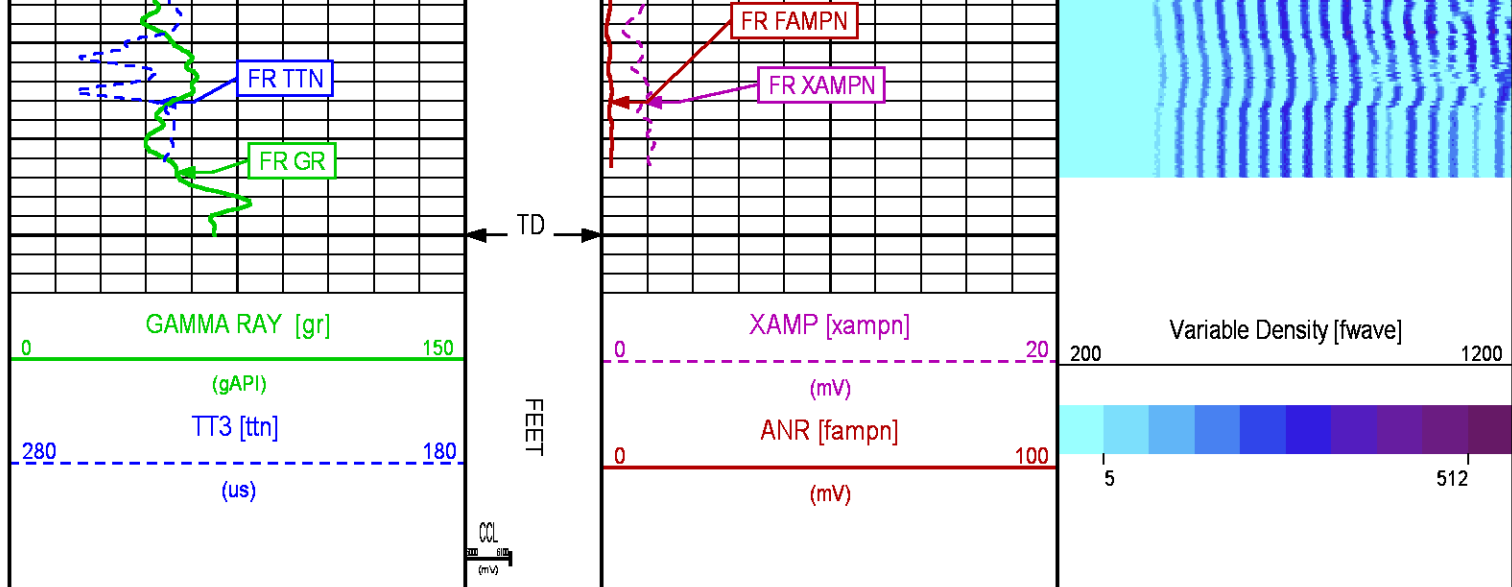












SECONDARY PRESENTATION 0 PSI

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

Updates: 1 Patches: 7

Plotted: Thu May 28 17:40:31 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096704/n012e02.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 39.000 ft BOTTOM DEPTH: 12768.693 ft

SYMMETRIC FILTER

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

RAL CCL PROCESSING

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

ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgp1*)	187	us	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	187	us	"	"
	AMP WINDOW START (fgp3*)	187	us	"	"
	AMP WINDOW START (fgp4*)	187	us	"	"
	AMP WINDOW START (fgp5*)	187	us	"	"
	AMP WINDOW START (fgp6*)	187	us	"	"
	AMP WINDOW START (fgp7*)	187	us	"	"
	AMP WINDOW START (fgp8*)	187	us	"	"
	AMP WINDOW START (fgpn*)	187	us	"	"
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	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*)	-70	us	"	"
	TOOL DELAY (str2*)	-70	us	"	"
	TOOL DELAY (str3*)	-70	us	"	"
	TOOL DELAY (str4*)	-70	us	"	"
	TOOL DELAY (str5*)	-70	us	"	"
	TOOL DELAY (str6*)	-70	us	"	"
	TOOL DELAY (str7*)	-70	us	"	"
	TOOL DELAY (str8*)	-70	us	"	"
	TOOL DELAY (strn*)	-70	us	"	"
	NOISE WINDOW START	125	us	"	"
BASELINE NOISE (NEAR)	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	May 26 09:34:38 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	May 26 09:34:38 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	May 26 09:34:38 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	May 26 09:34:38 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	May 26 09:34:38 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	May 26 09:34:38 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	May 26 09:34:38 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	May 26 09:34:38 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	May 26 09:34:38 2015	CASING COLLAR LOCATOR
F1:FAMPN	May 26 09:34:38 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	May 26 09:34:38 2015	FAR WAVE FORM
F1:GR	May 26 09:34:38 2015	GAMMA RAY
F1:PBMAP	May 26 09:34:38 2015	PERCENT BOND CEMENT MAP
F1:TTN	May 26 09:34:38 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	May 26 09:34:38 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

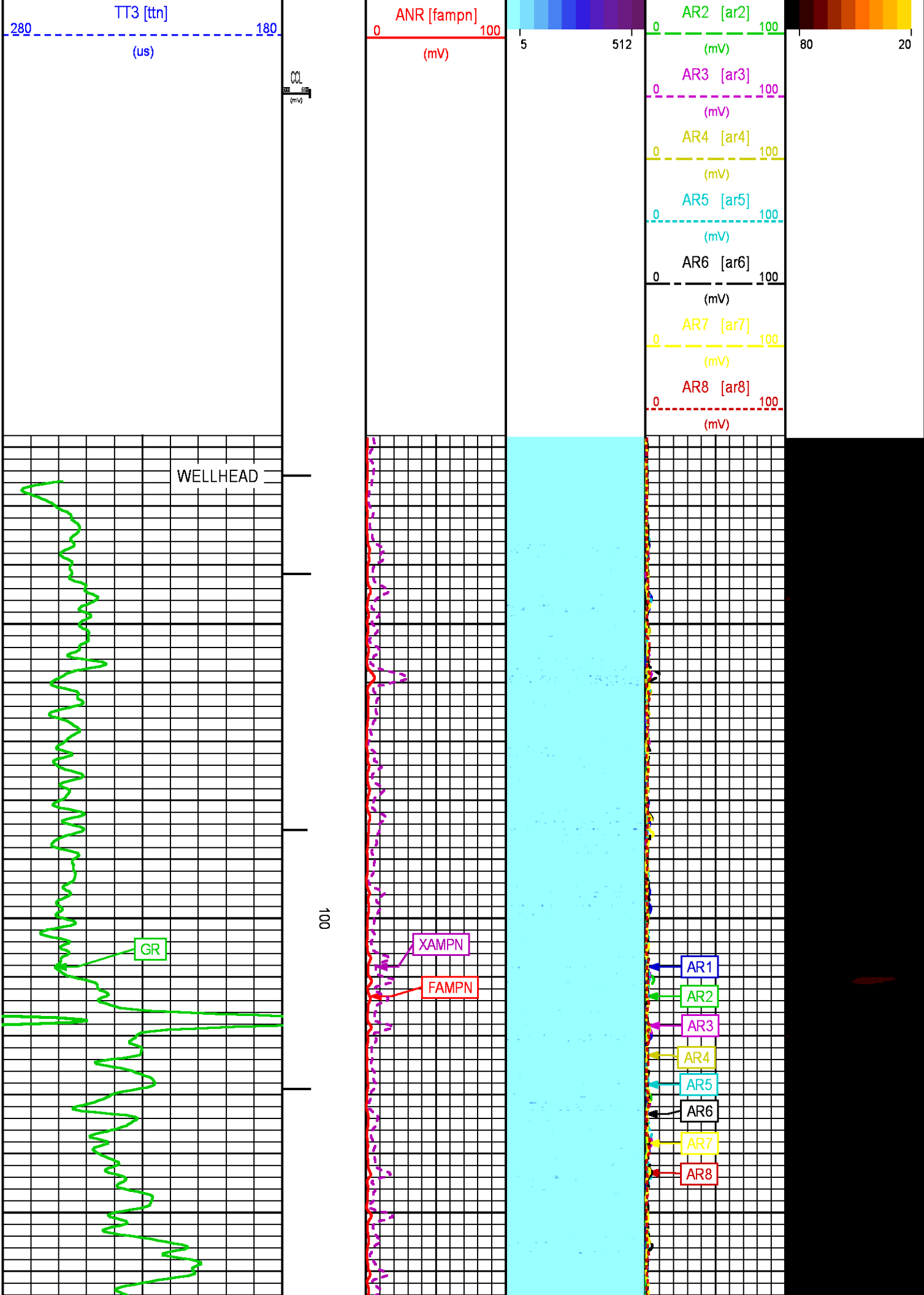
CURVE MEASURE POINT OFFSET

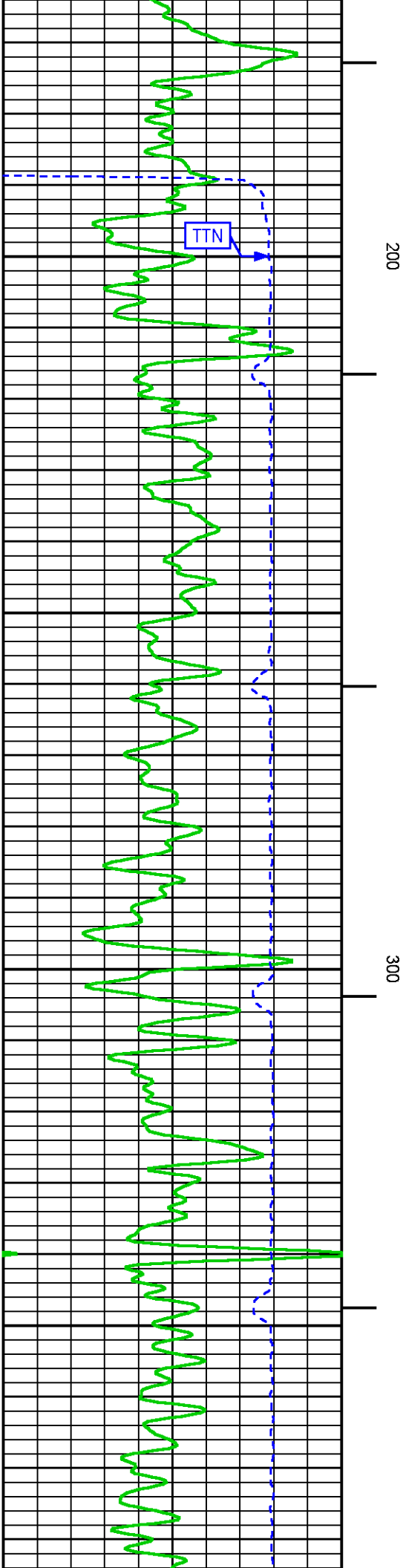
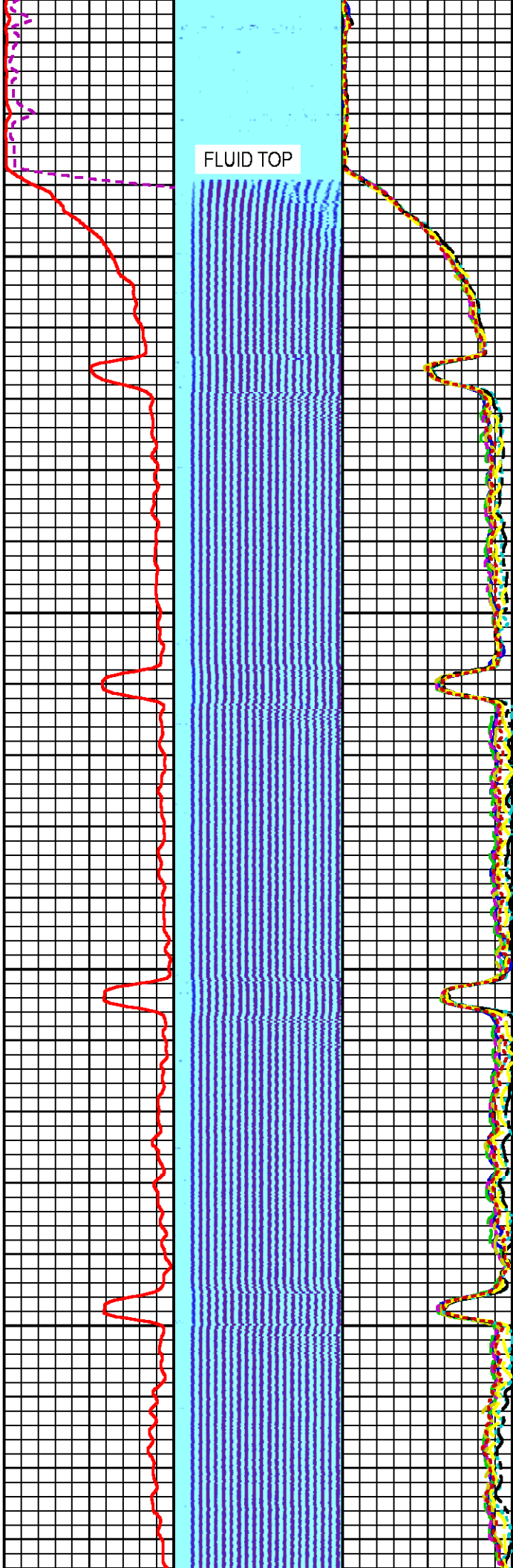
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	13.75	AR5	13.75	CCL	8.50	XAMPN	13.75
AR2	13.75	AR6	13.75	FAMPN	13.75		
AR3	13.75	AR7	13.75	GR	6.50		
AR4	13.75	AR8	13.75	TTN	13.75		

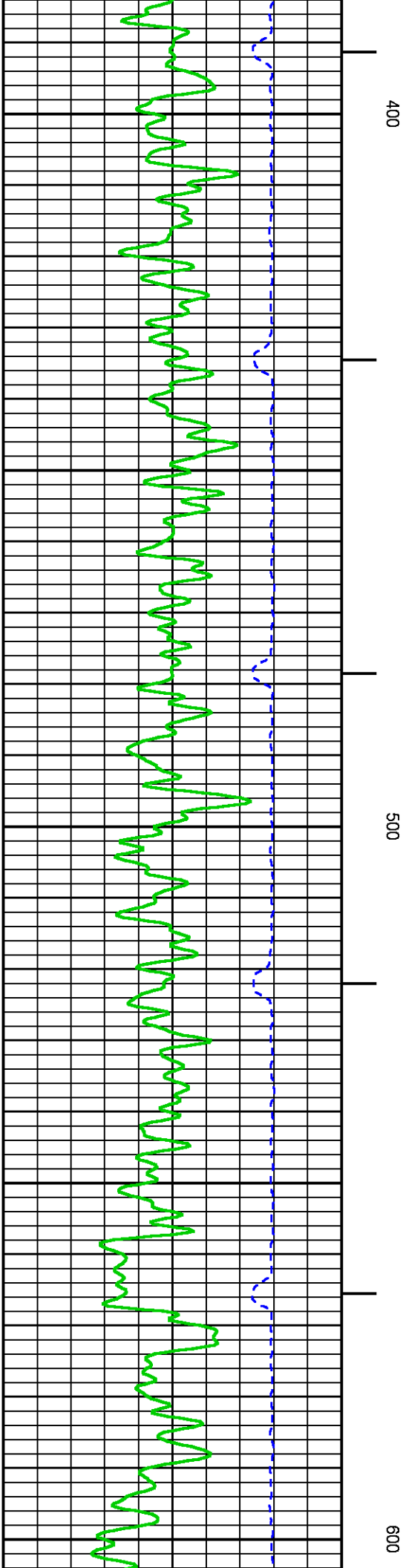
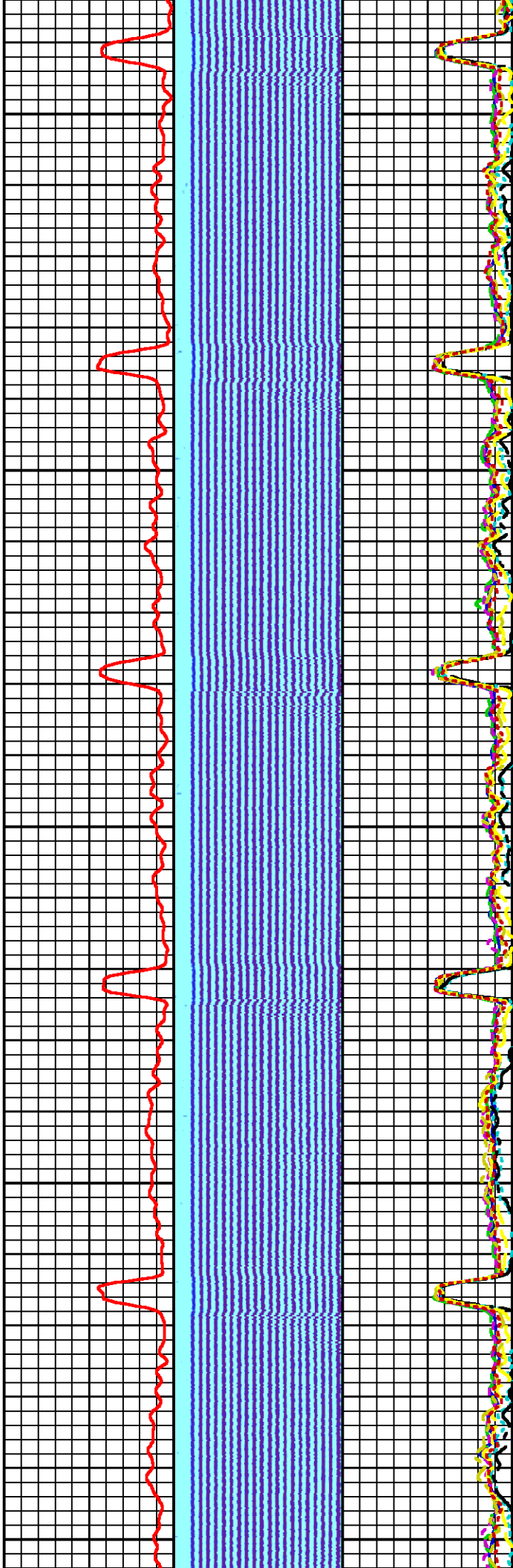
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Plot Interval : 18.25 - 12756.5 Feet

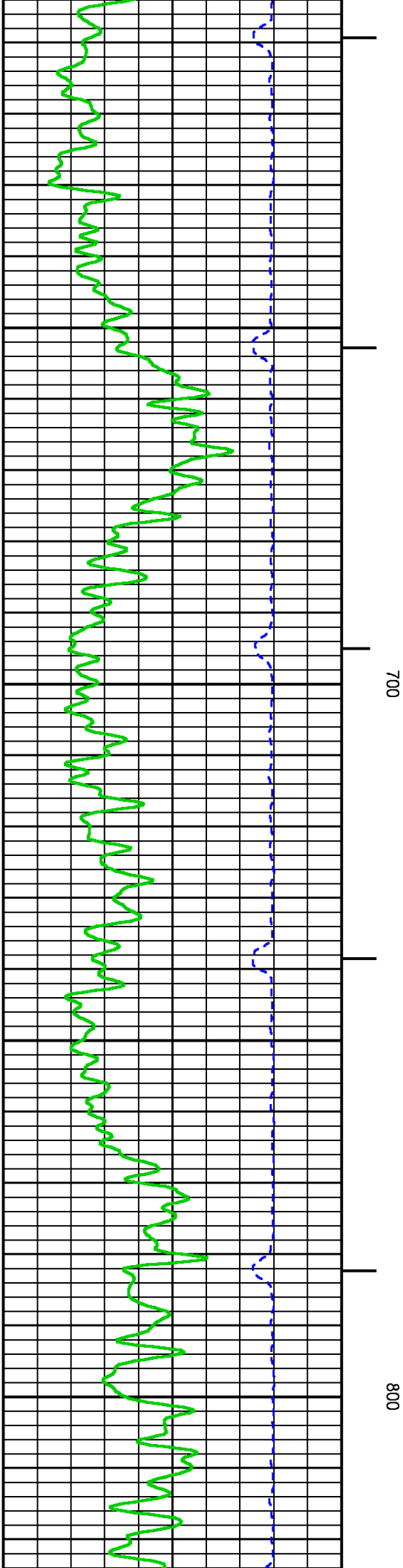
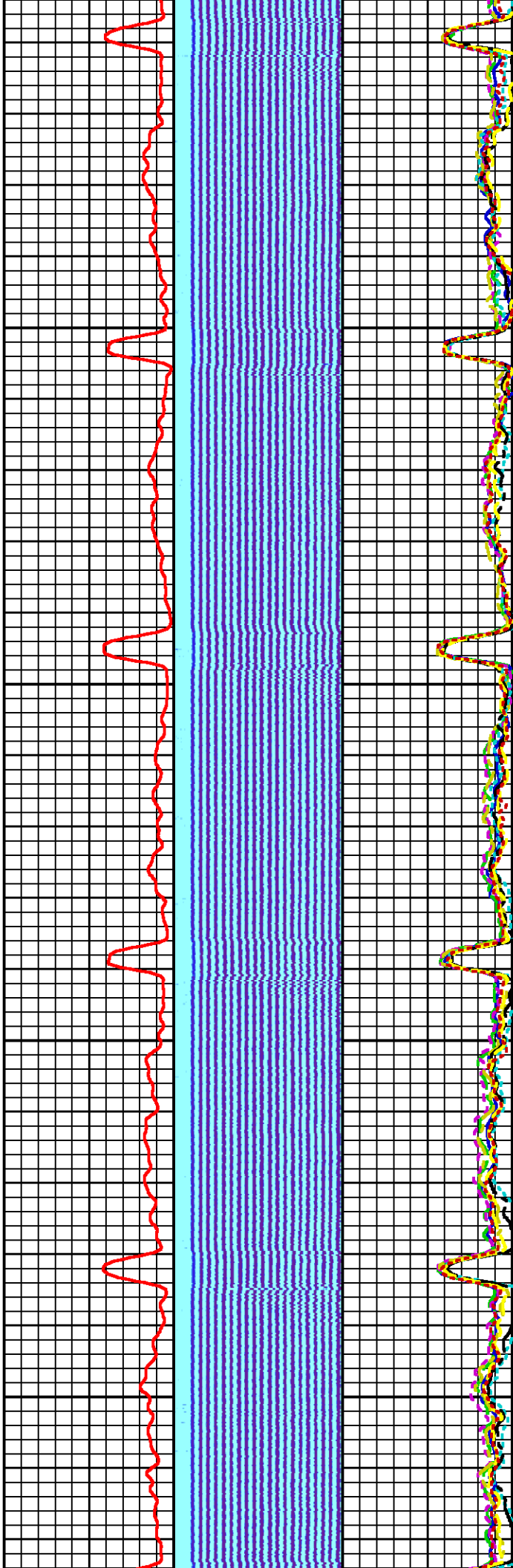
Data File 1 : F1 : cas6685:/dat1a/CH096704/n012e02_MAIN.xtf
Created On : May 26 09:34:38 2015
Company : WPX ENERGY
Well : FEDERAL RGU 44-26-198
Field : SULPHUR CREEK
File Interval : 17.25 - 12757.8 Feet
OCT : n012e

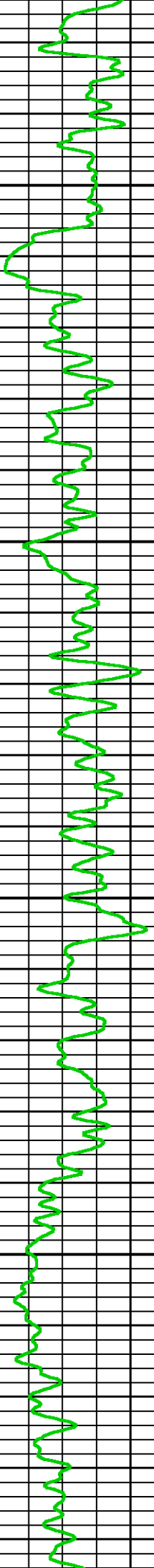
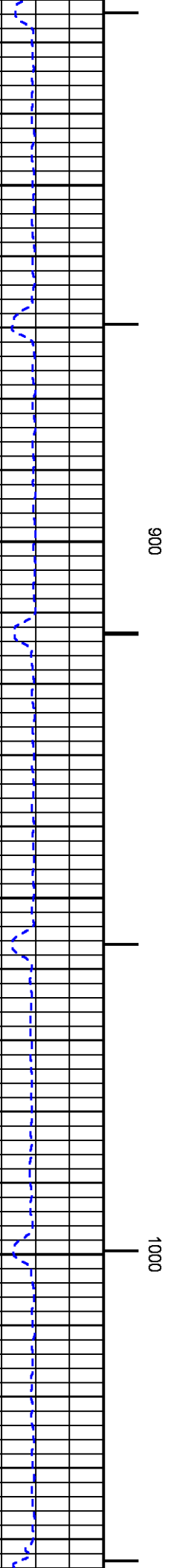
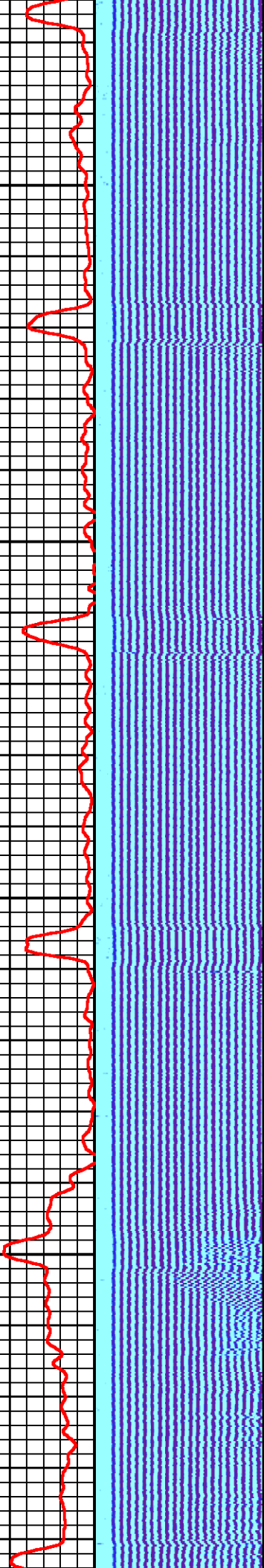
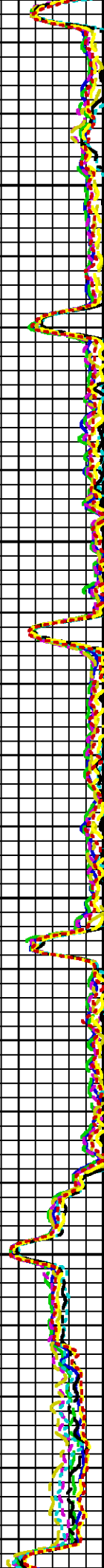
GAMMA RAY [gr]	0	150	FEET	XAMP [xampn]	0	20	Variable Density [fwave]	200	1200	AR1 [ar1]	0	100	PBMAP [pbmap]	0	360
(gAPI)				(mV)						(mV)					

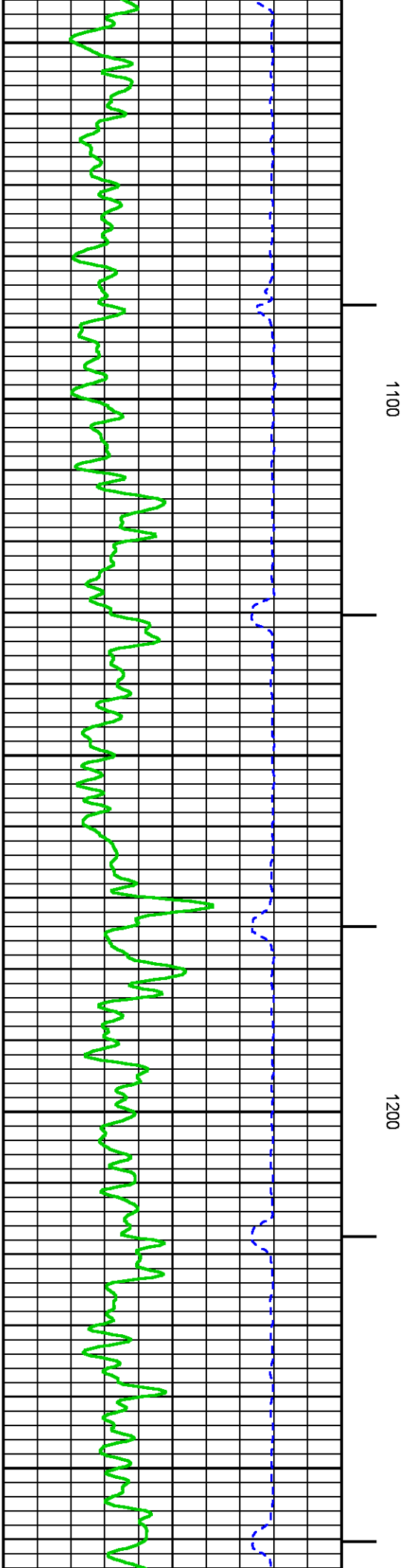
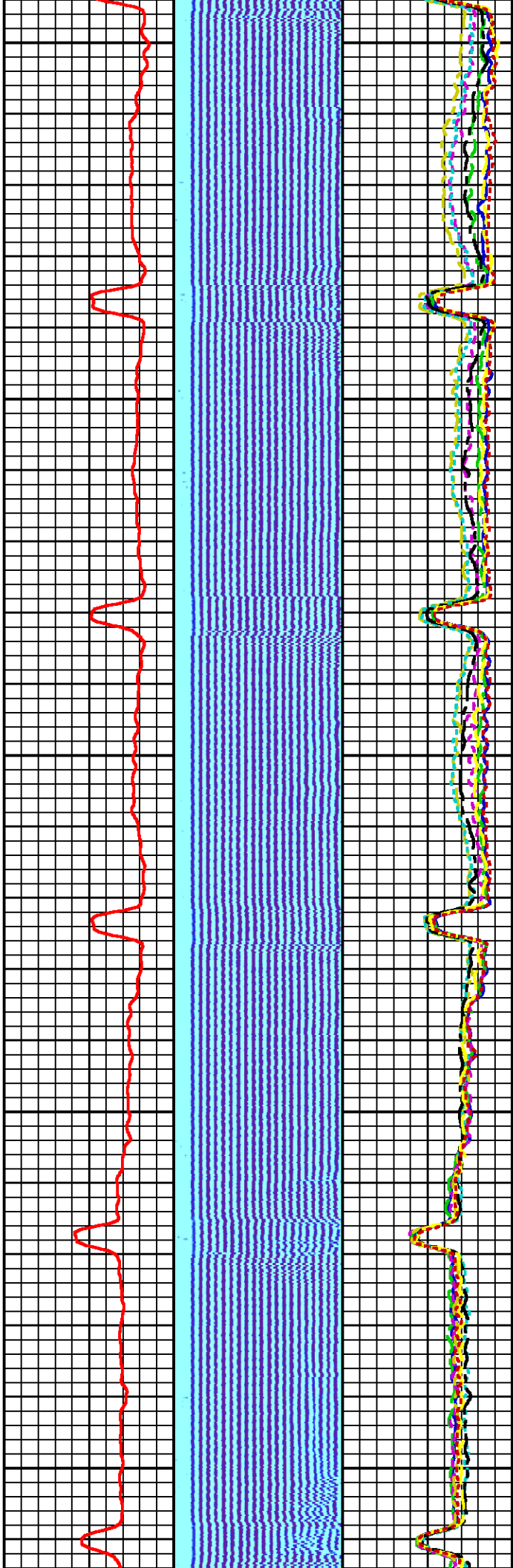


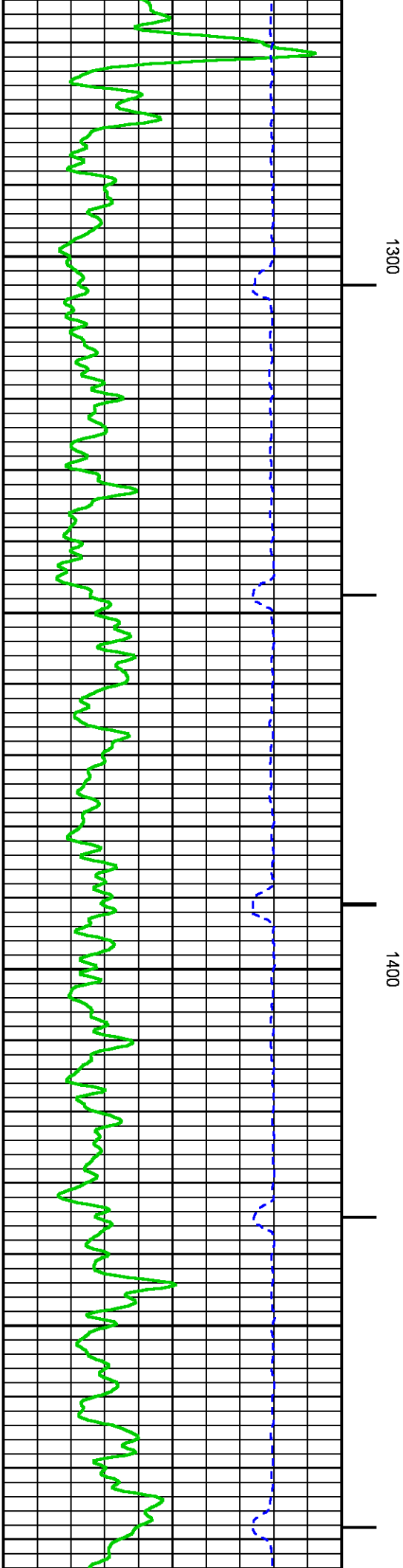
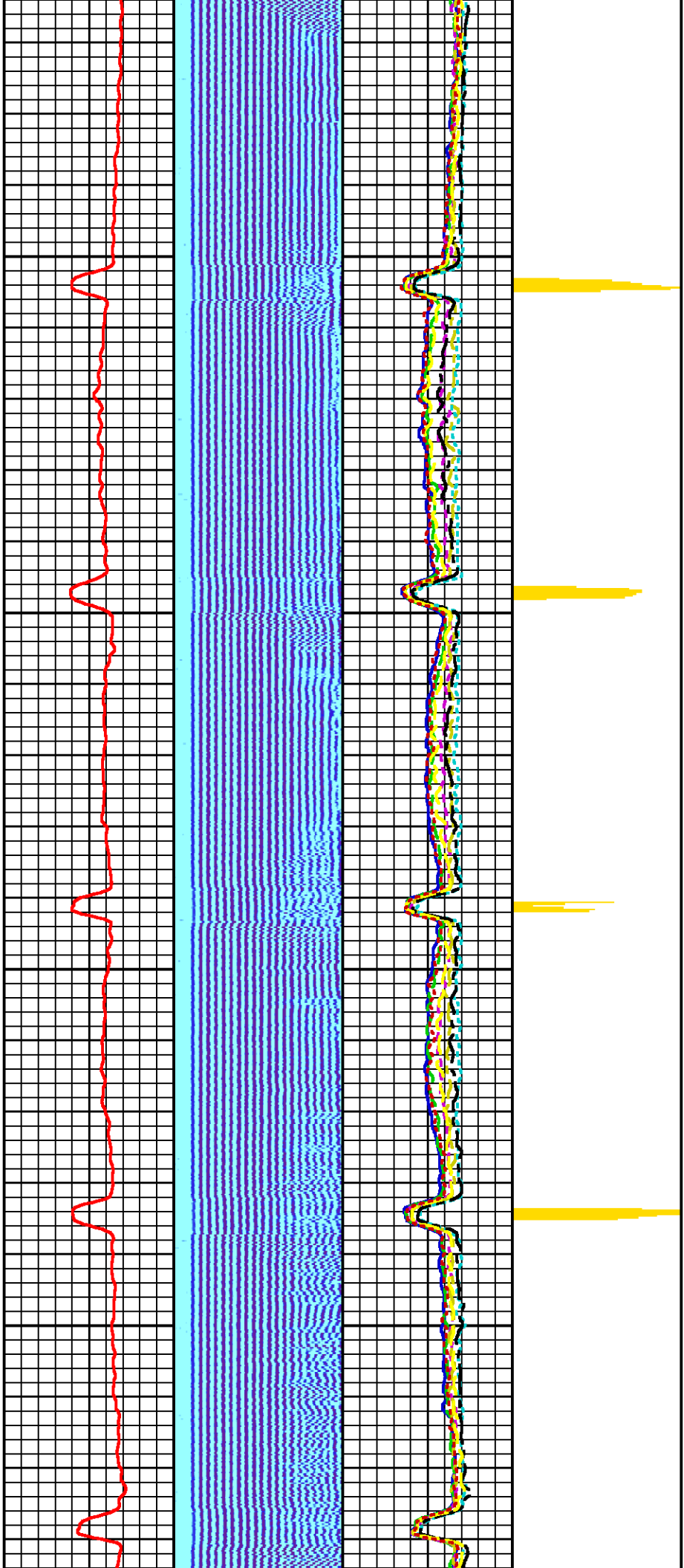


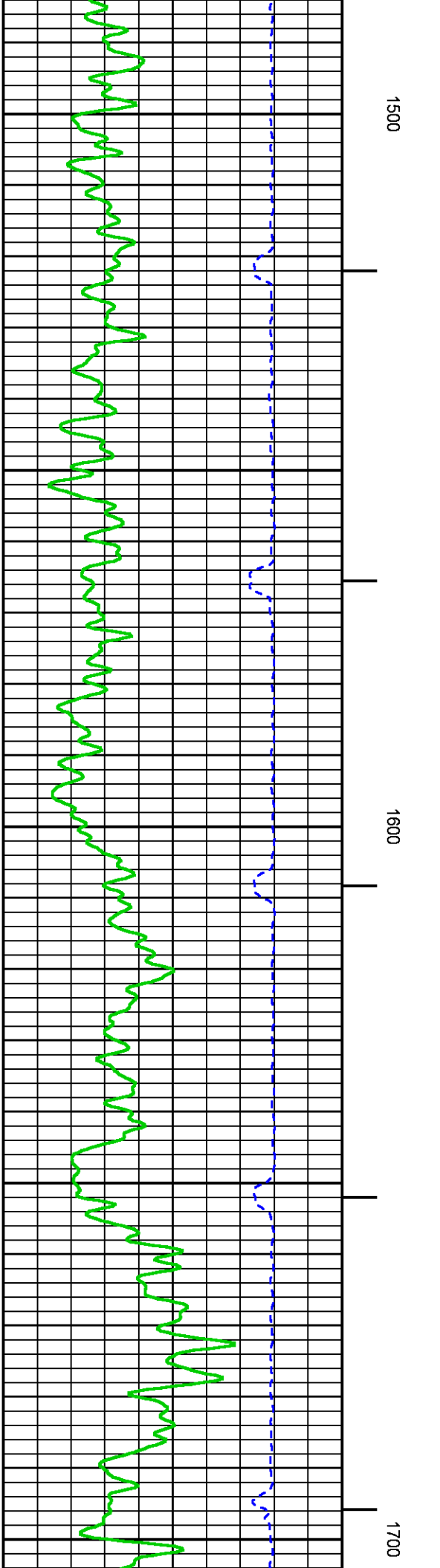
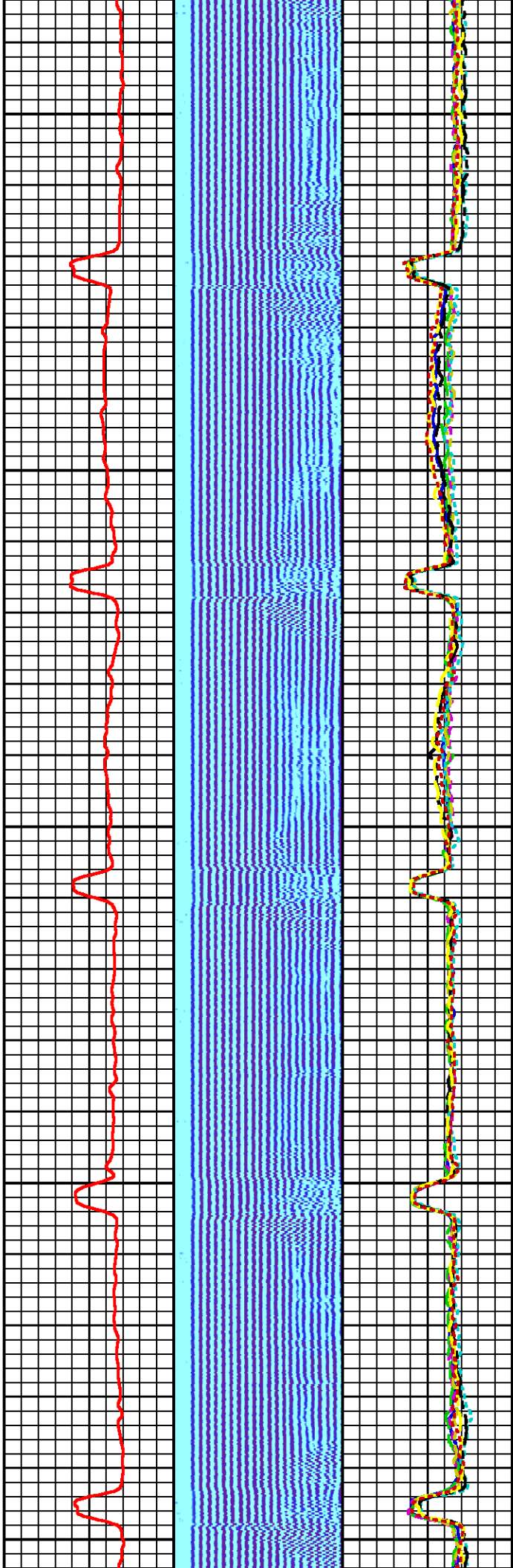


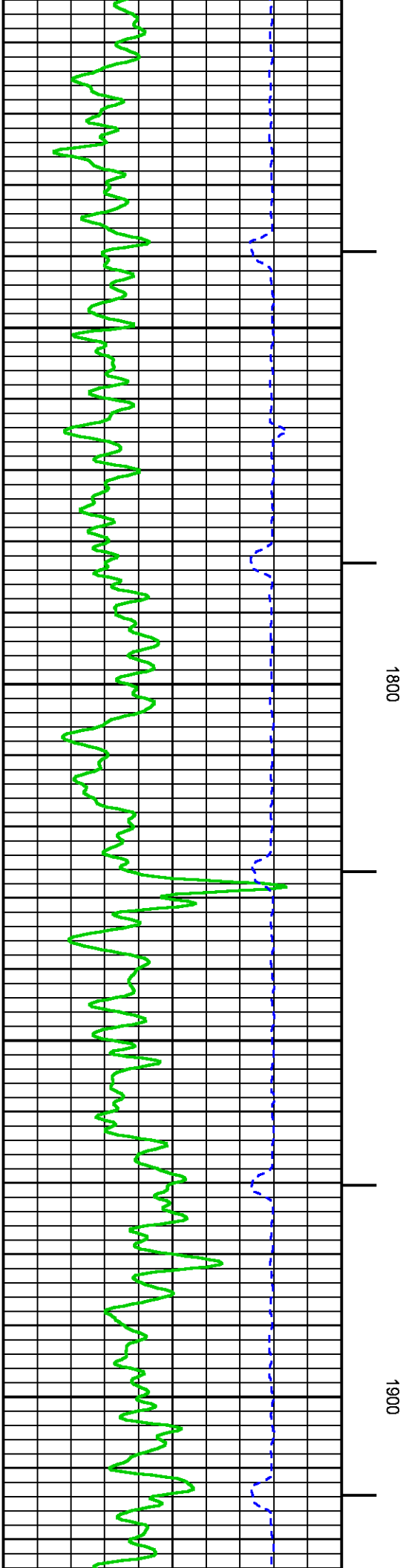
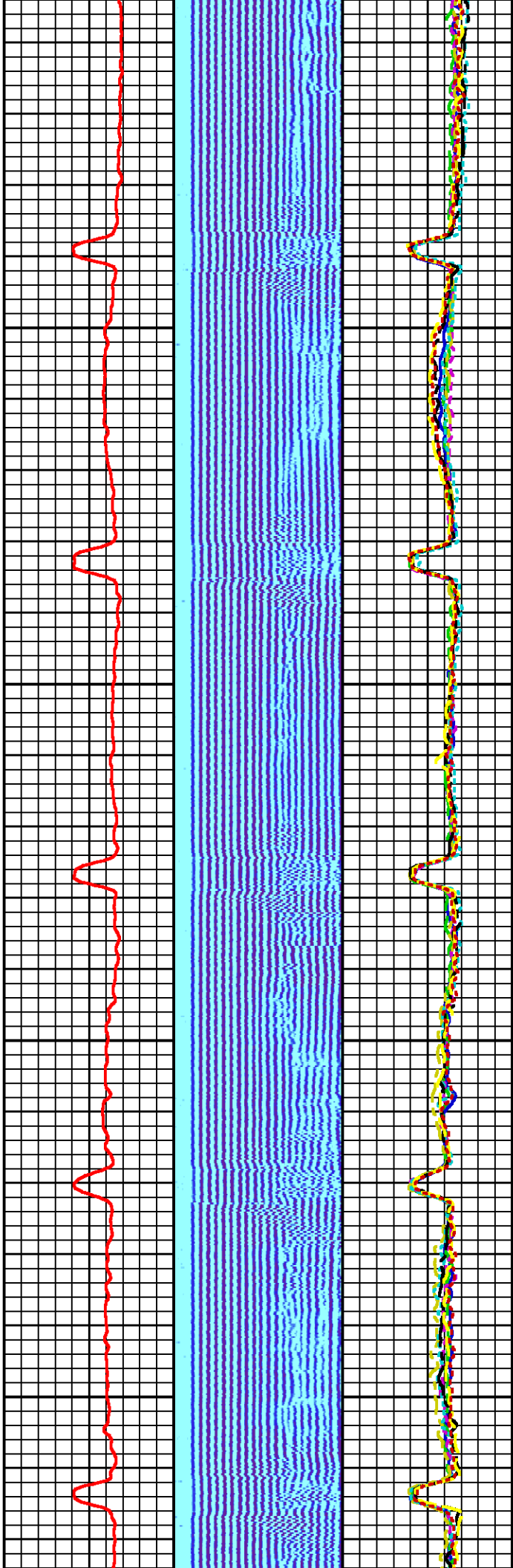






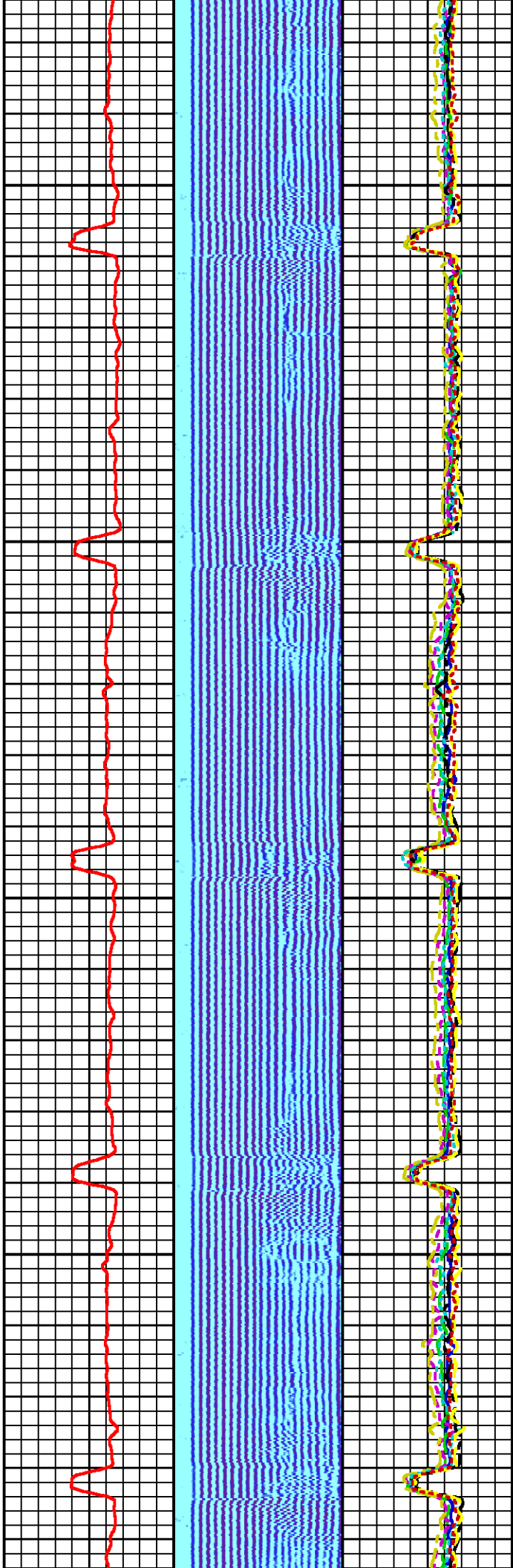






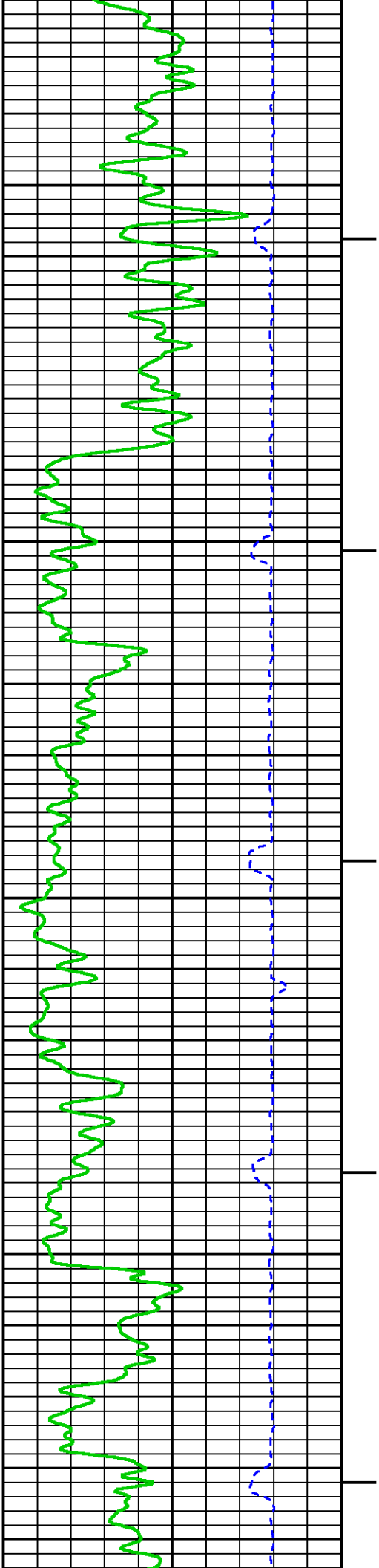
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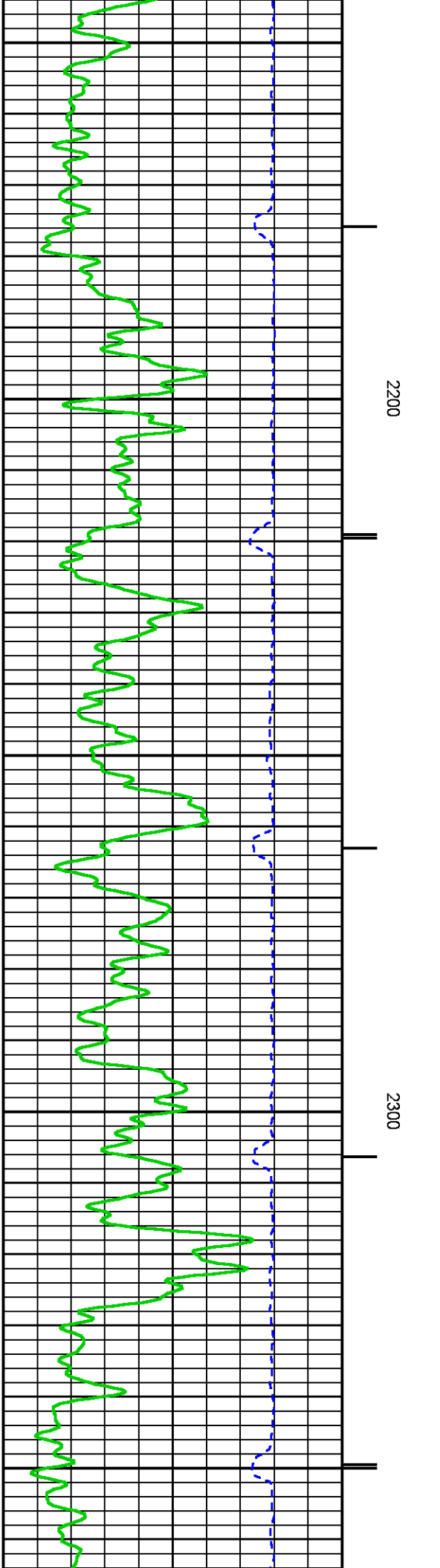
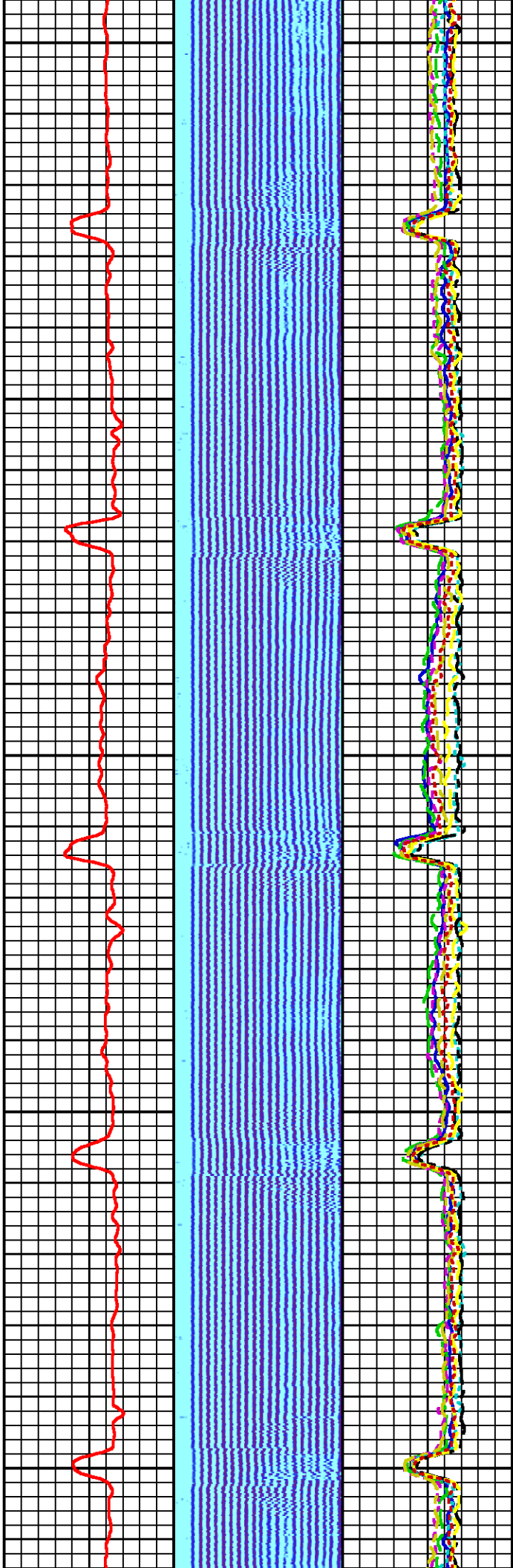
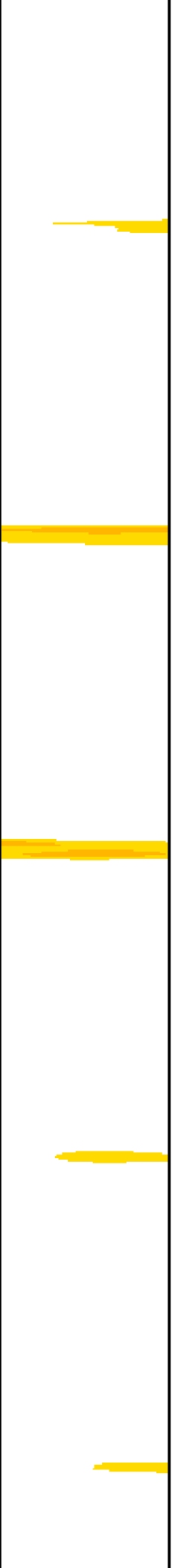
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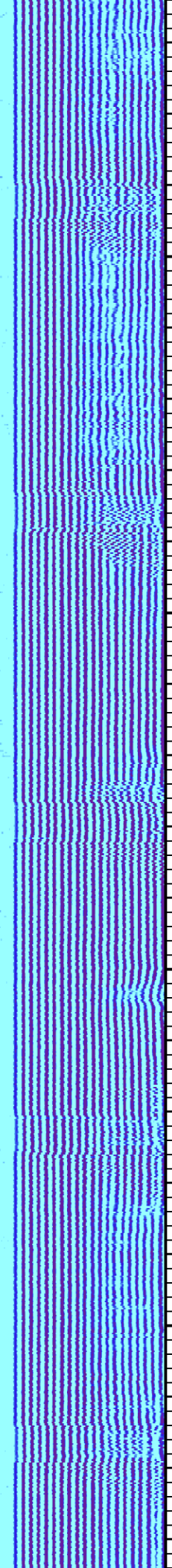
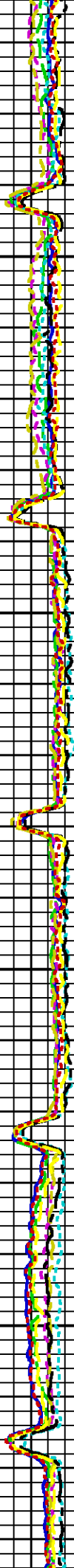
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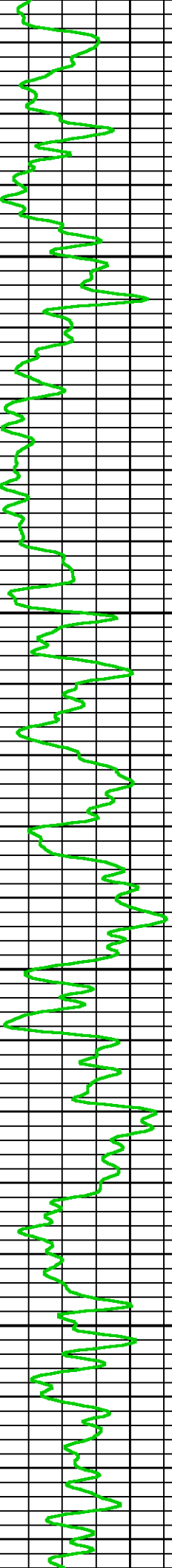
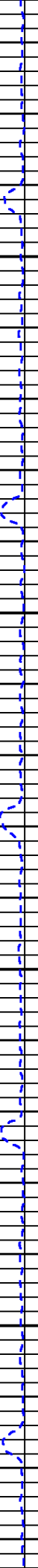
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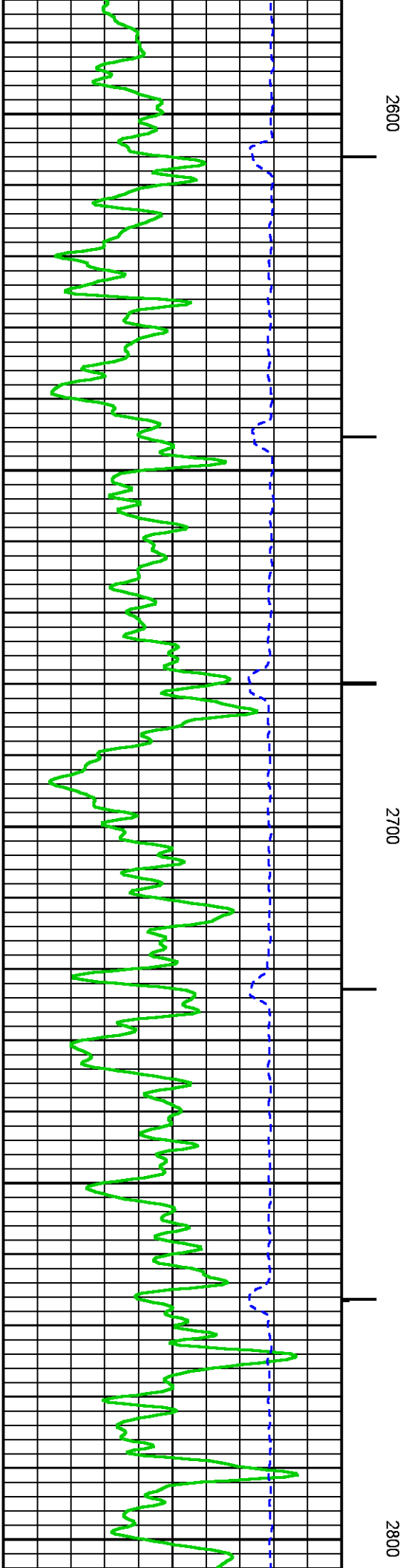
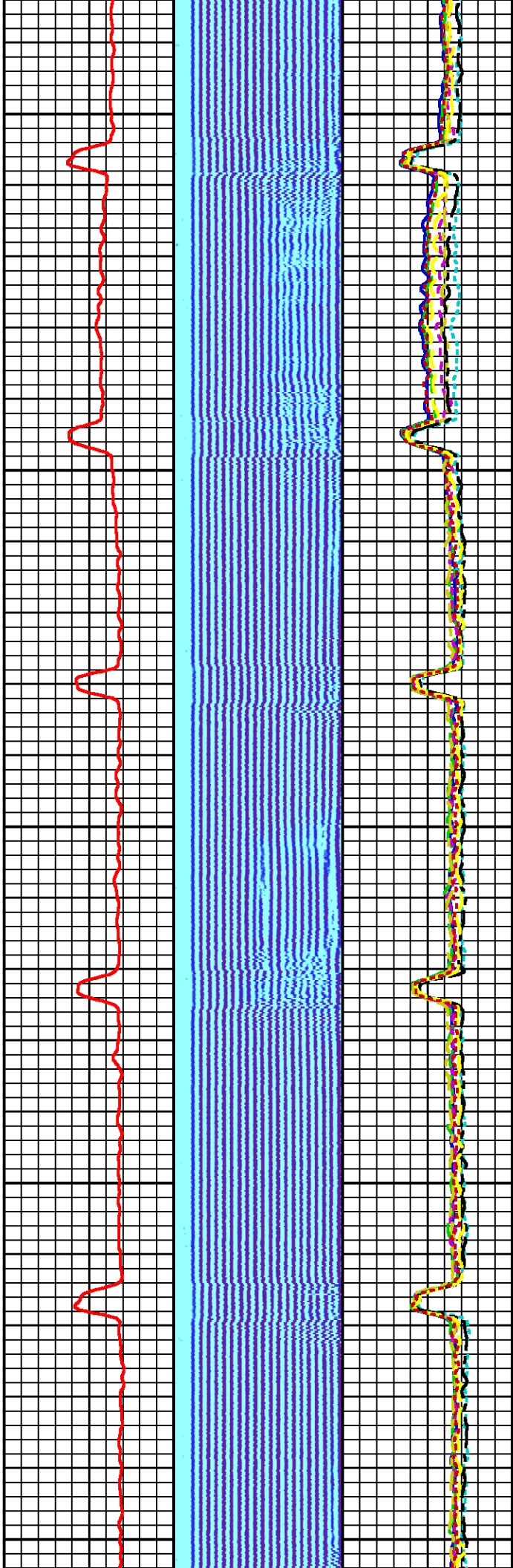
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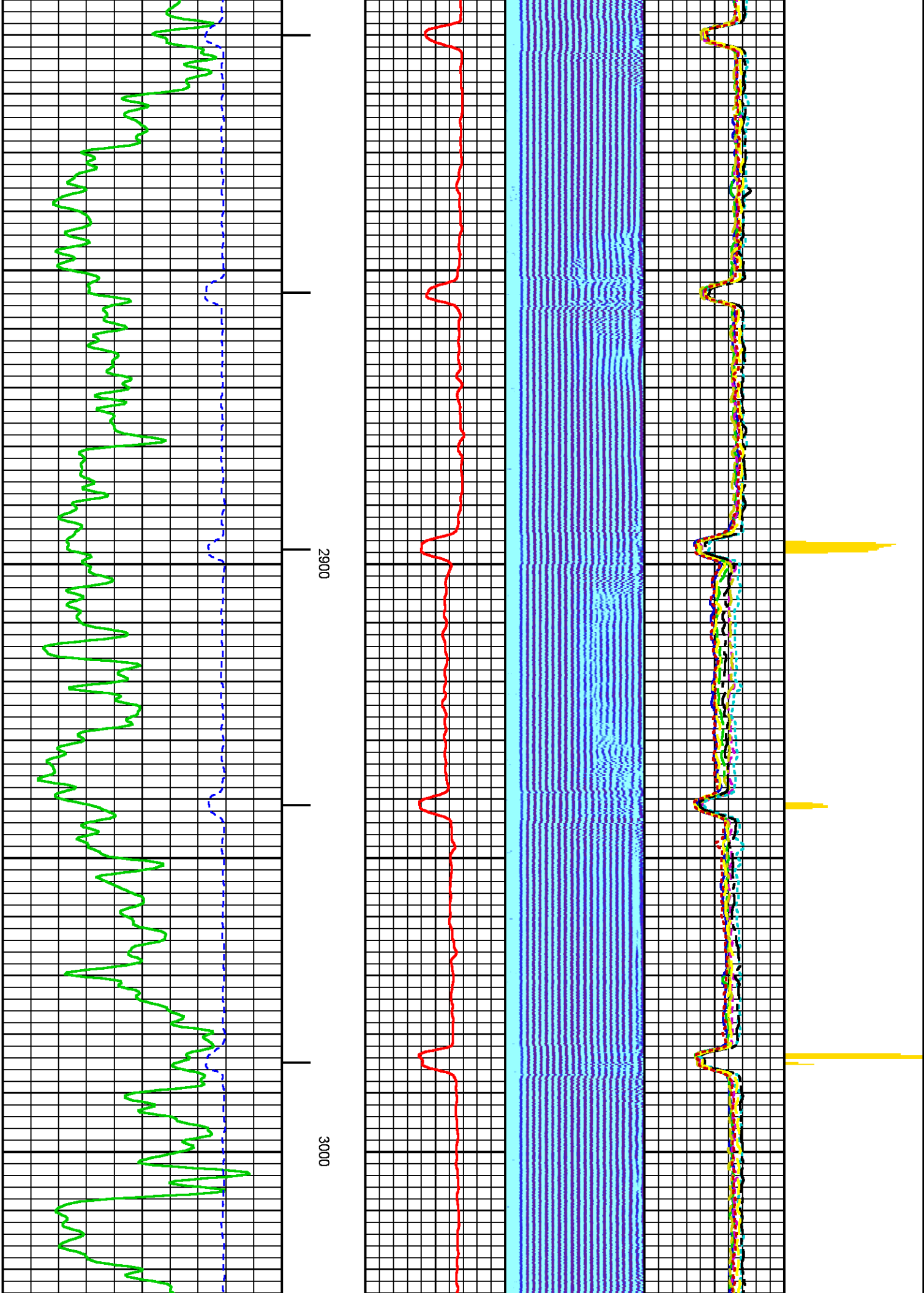


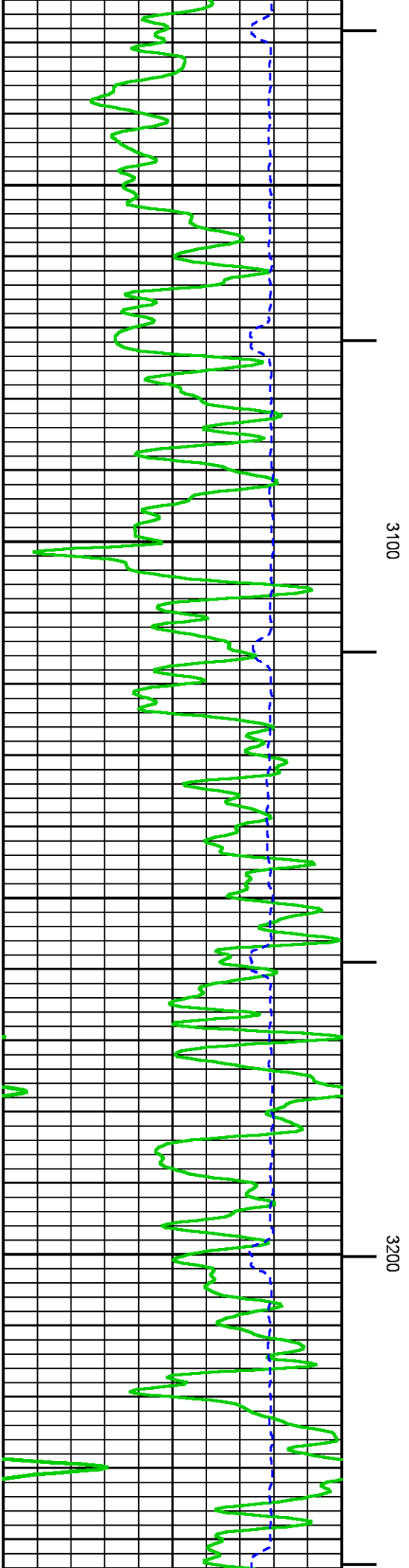
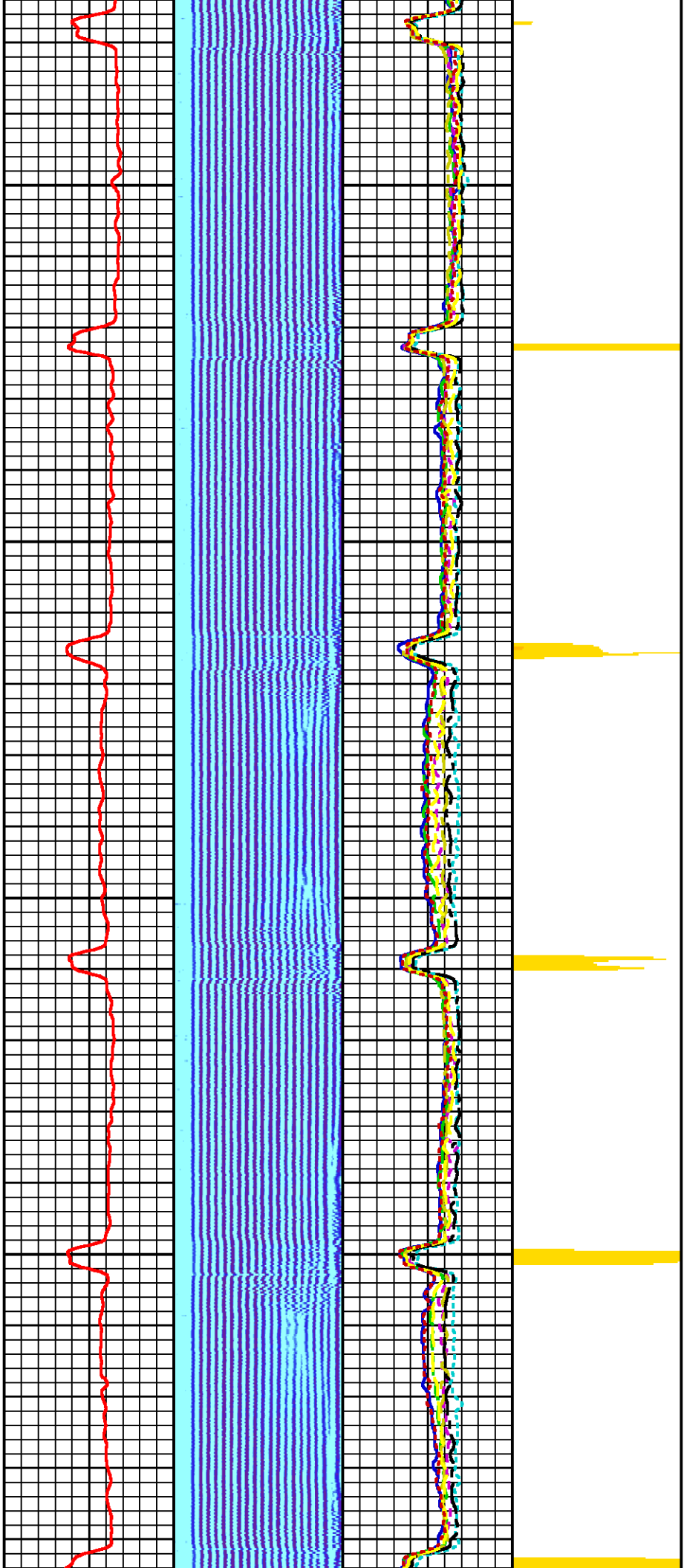
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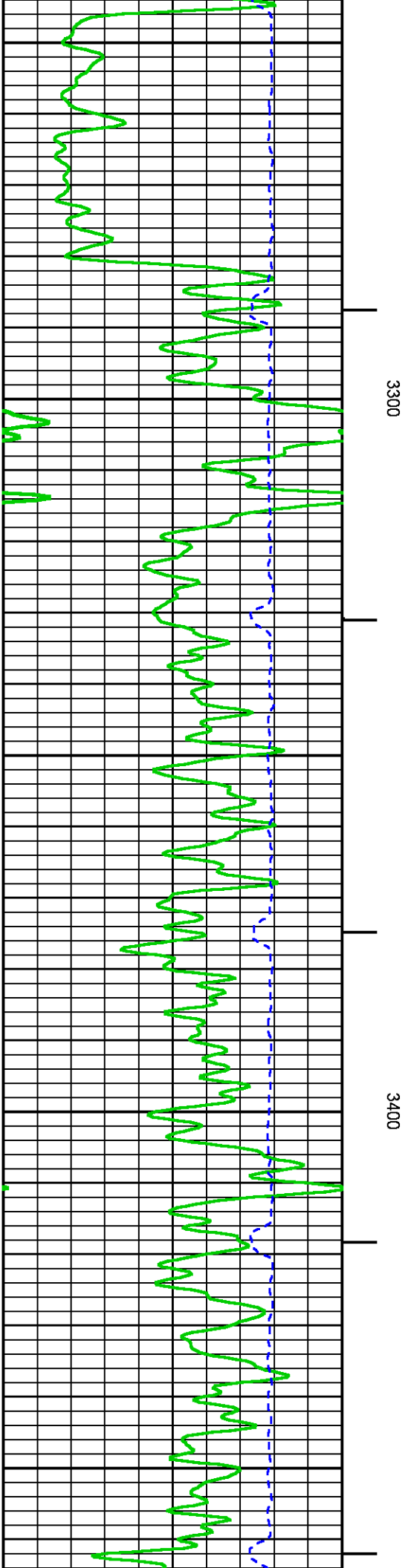
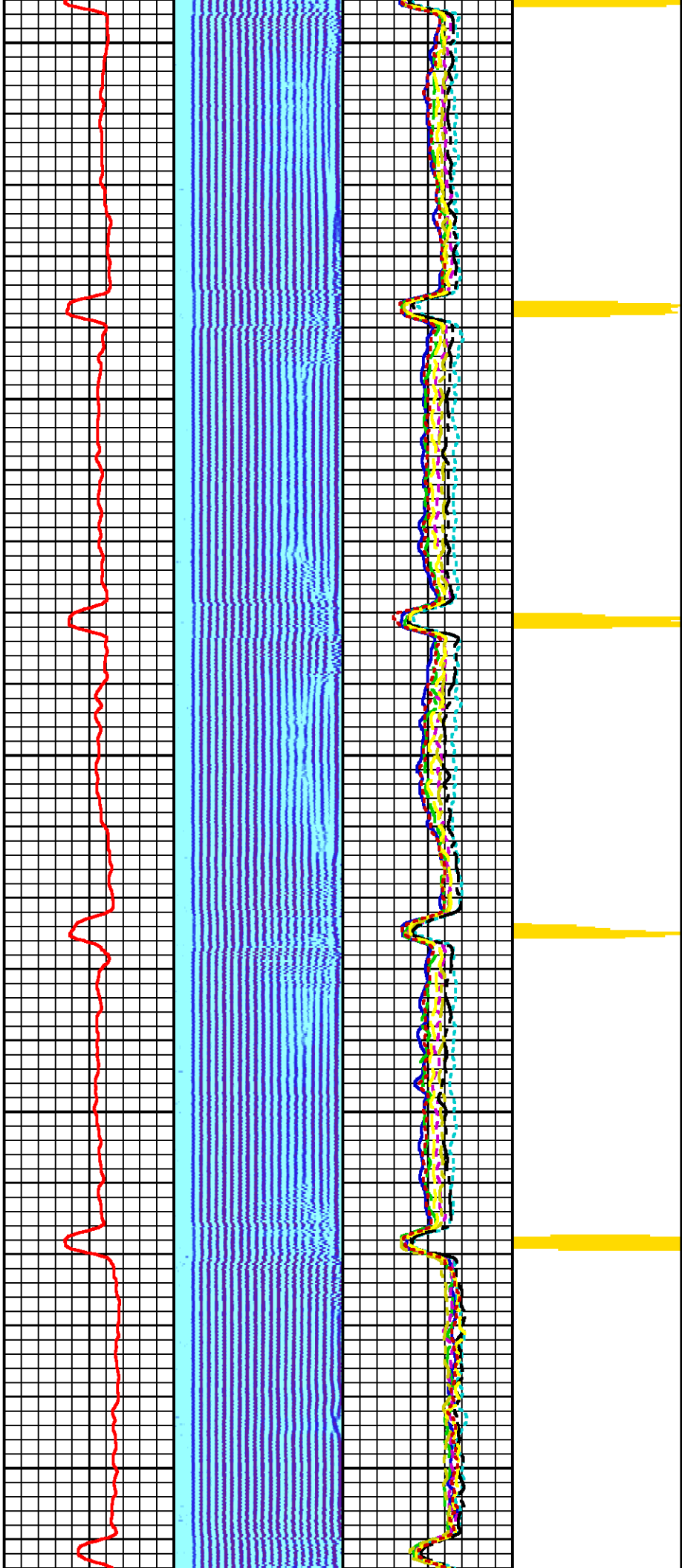
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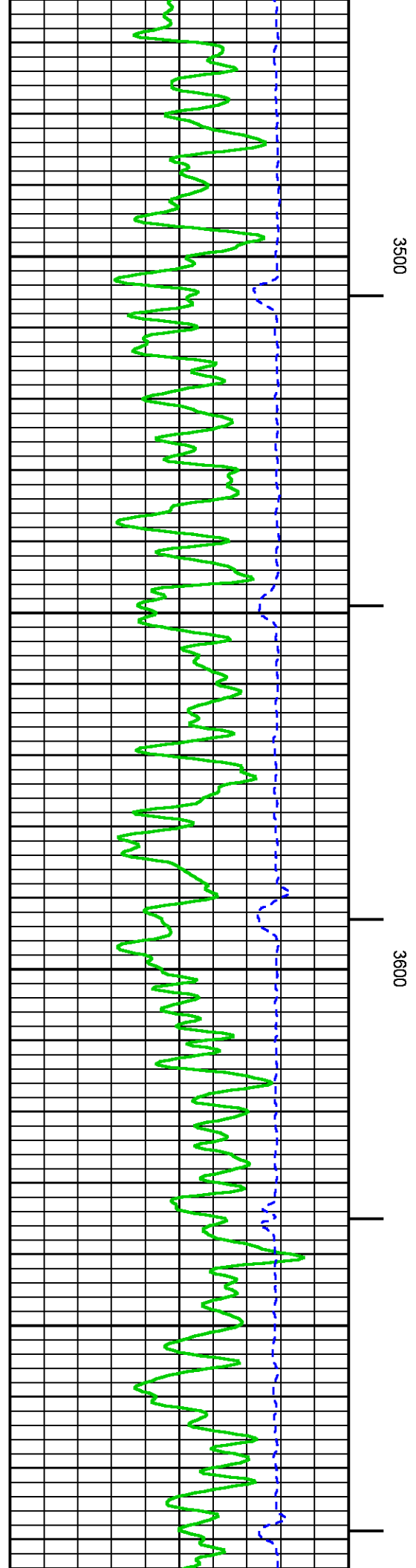
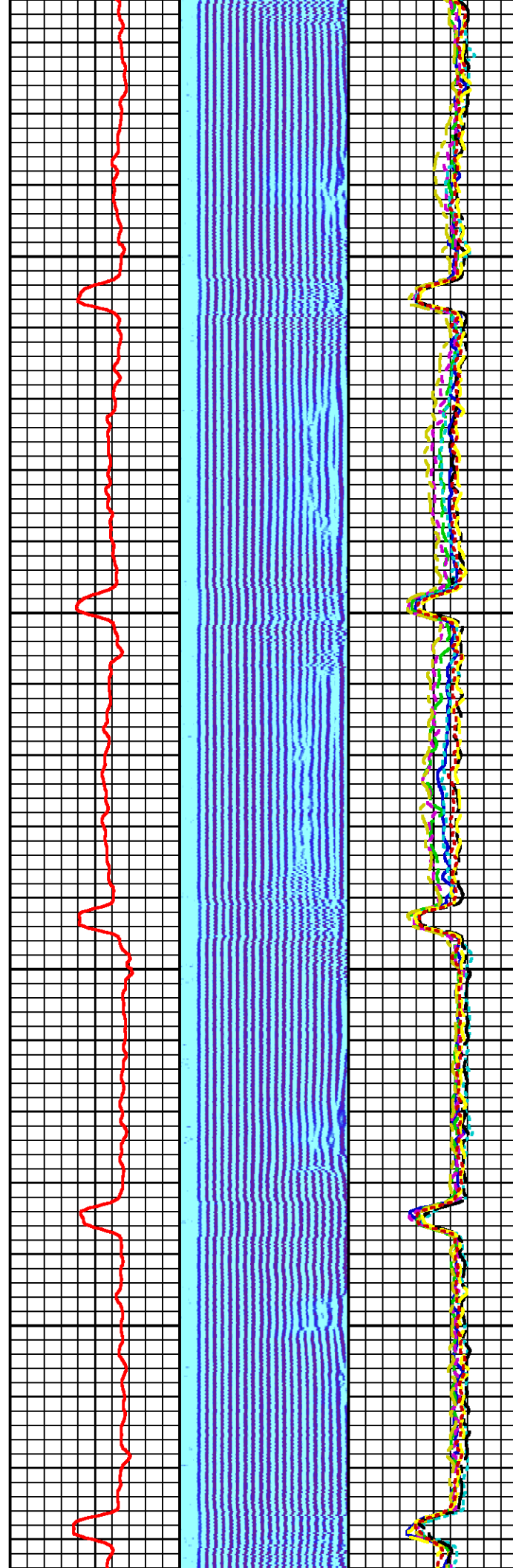


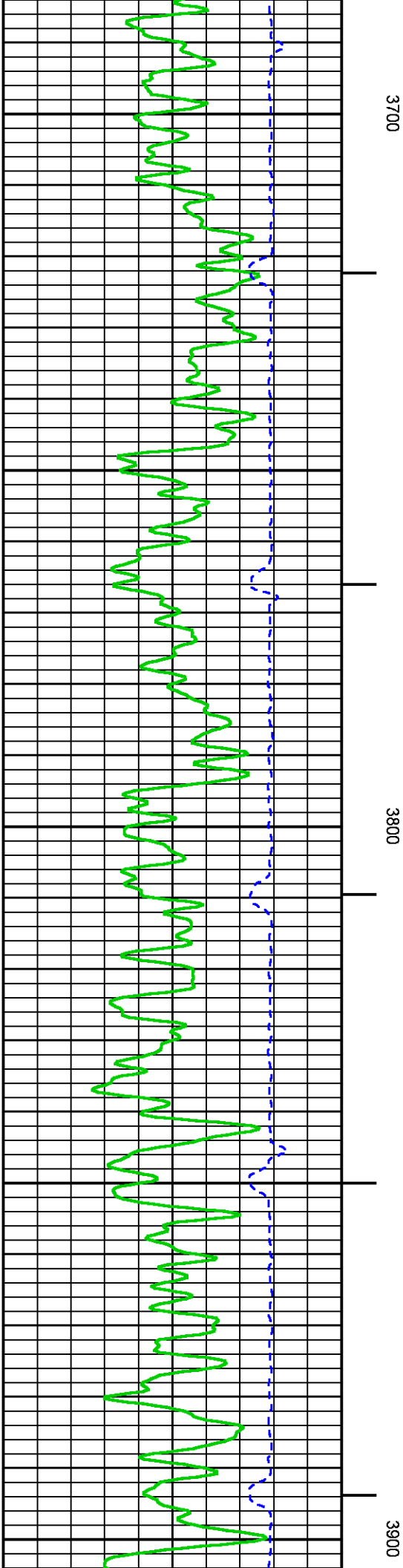
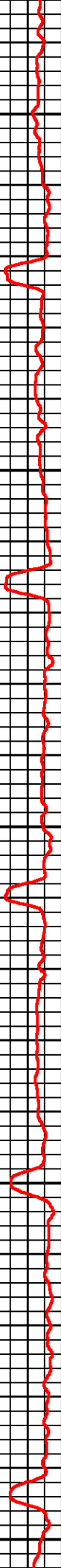
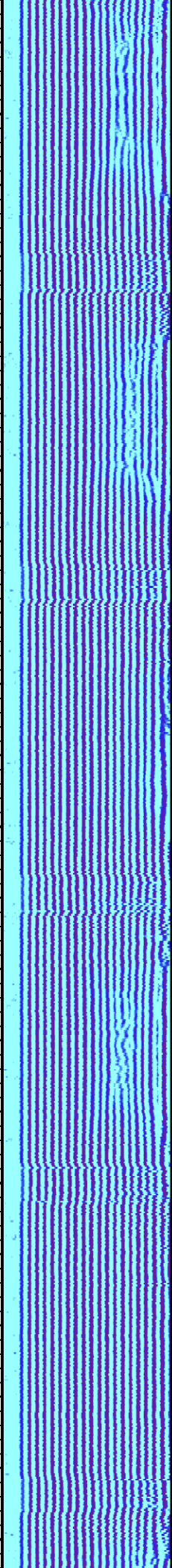
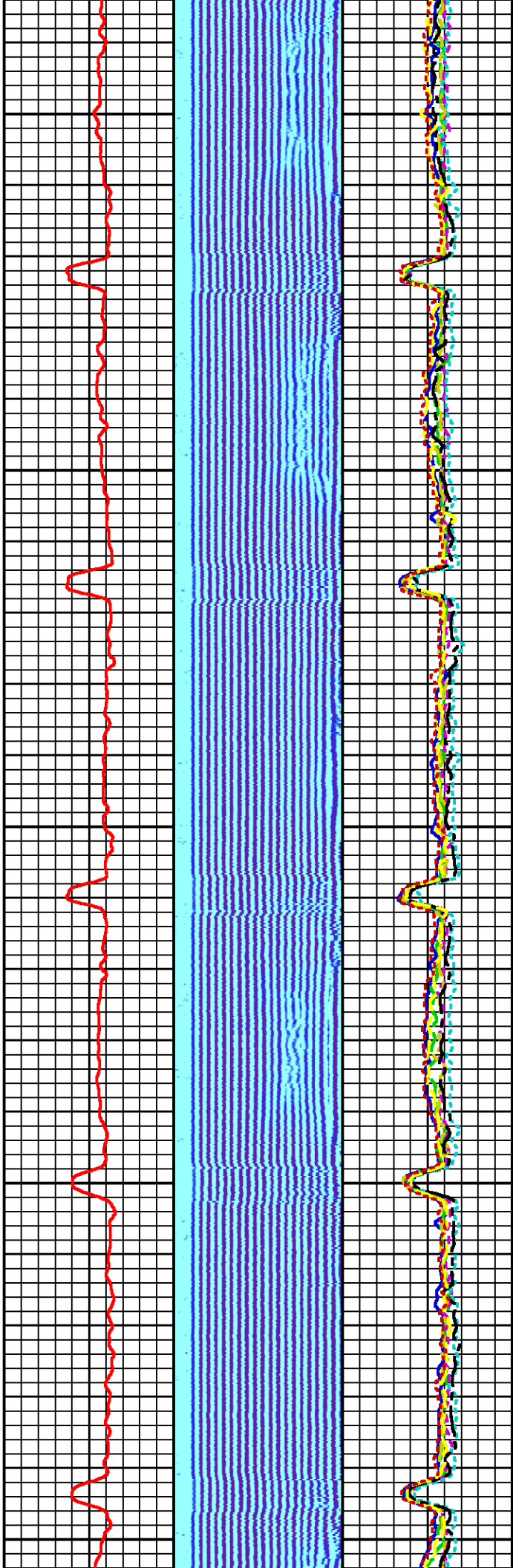
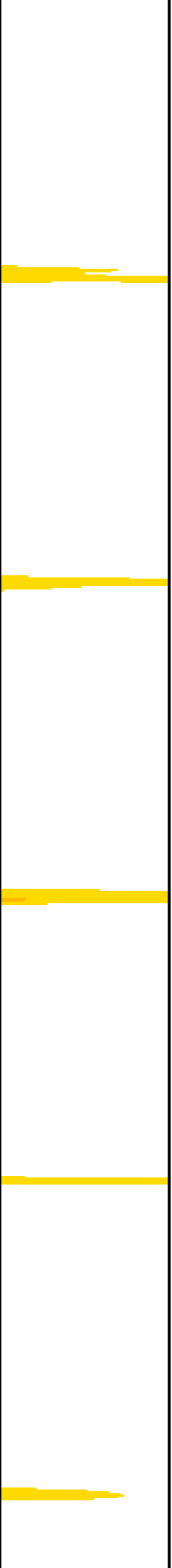








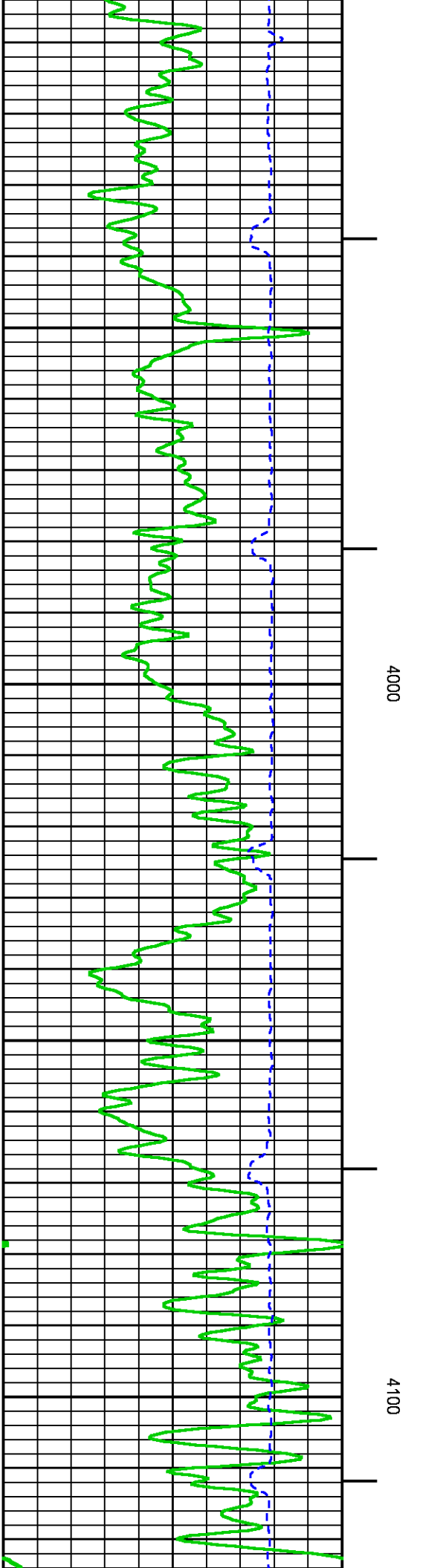
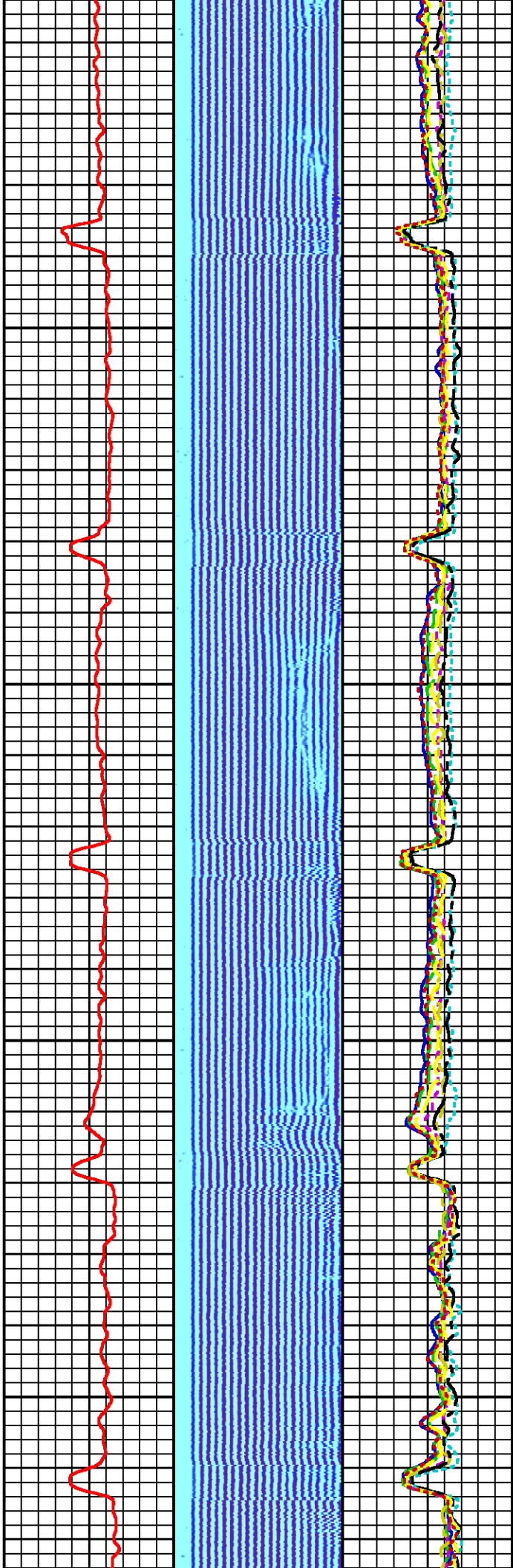
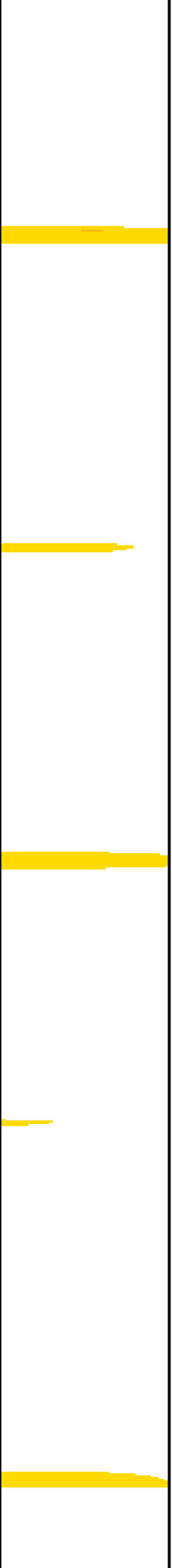


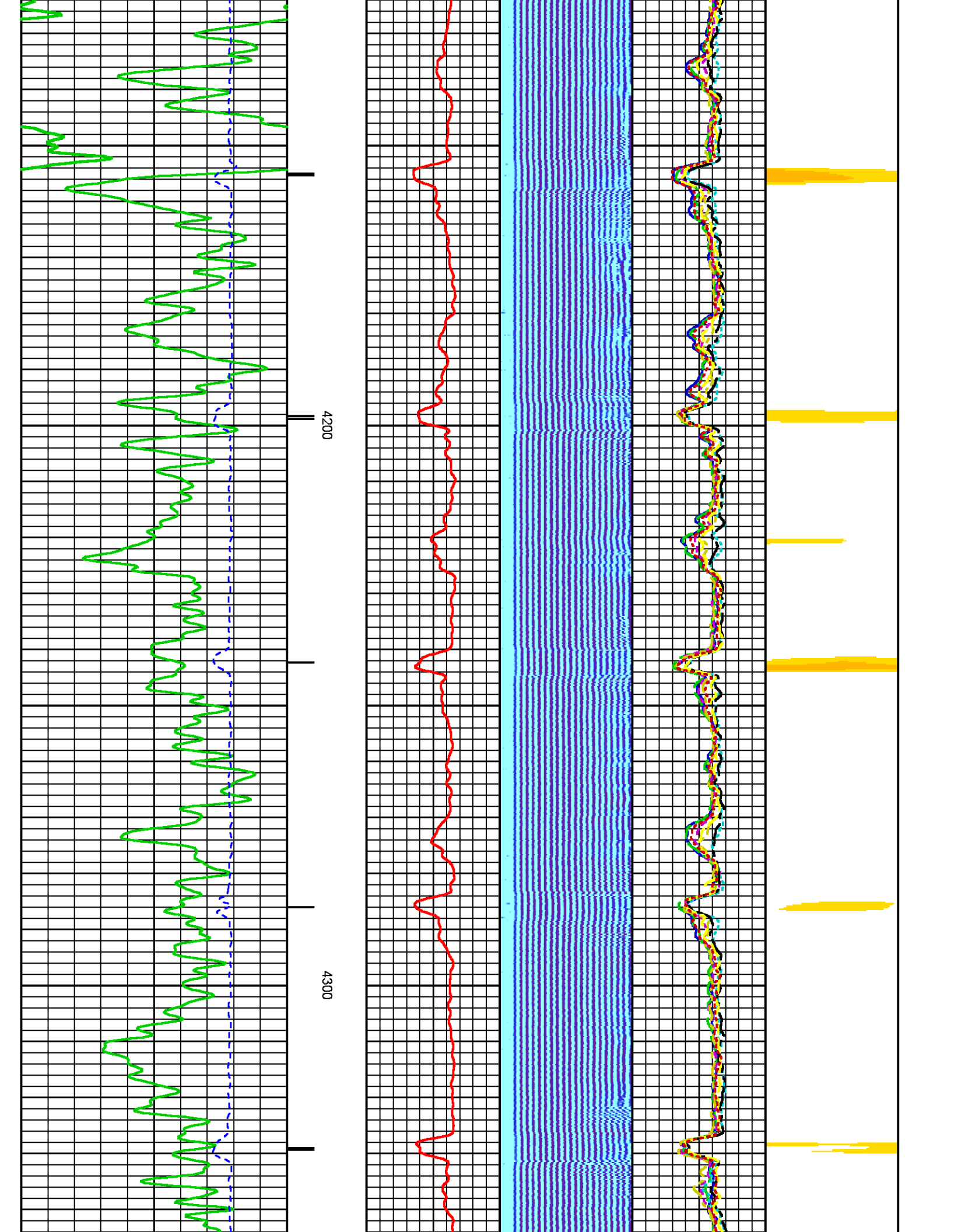


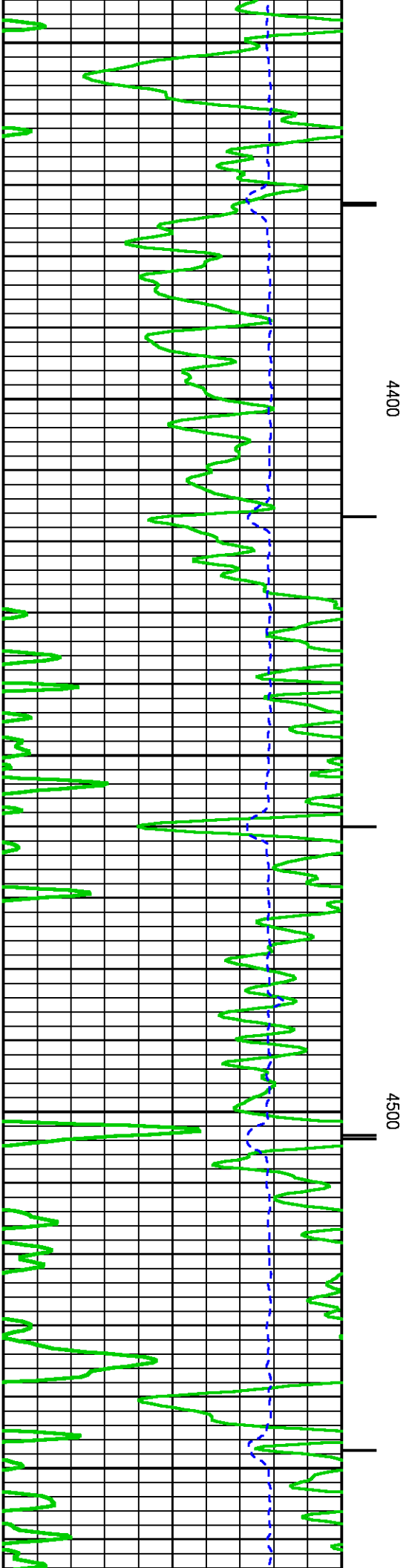
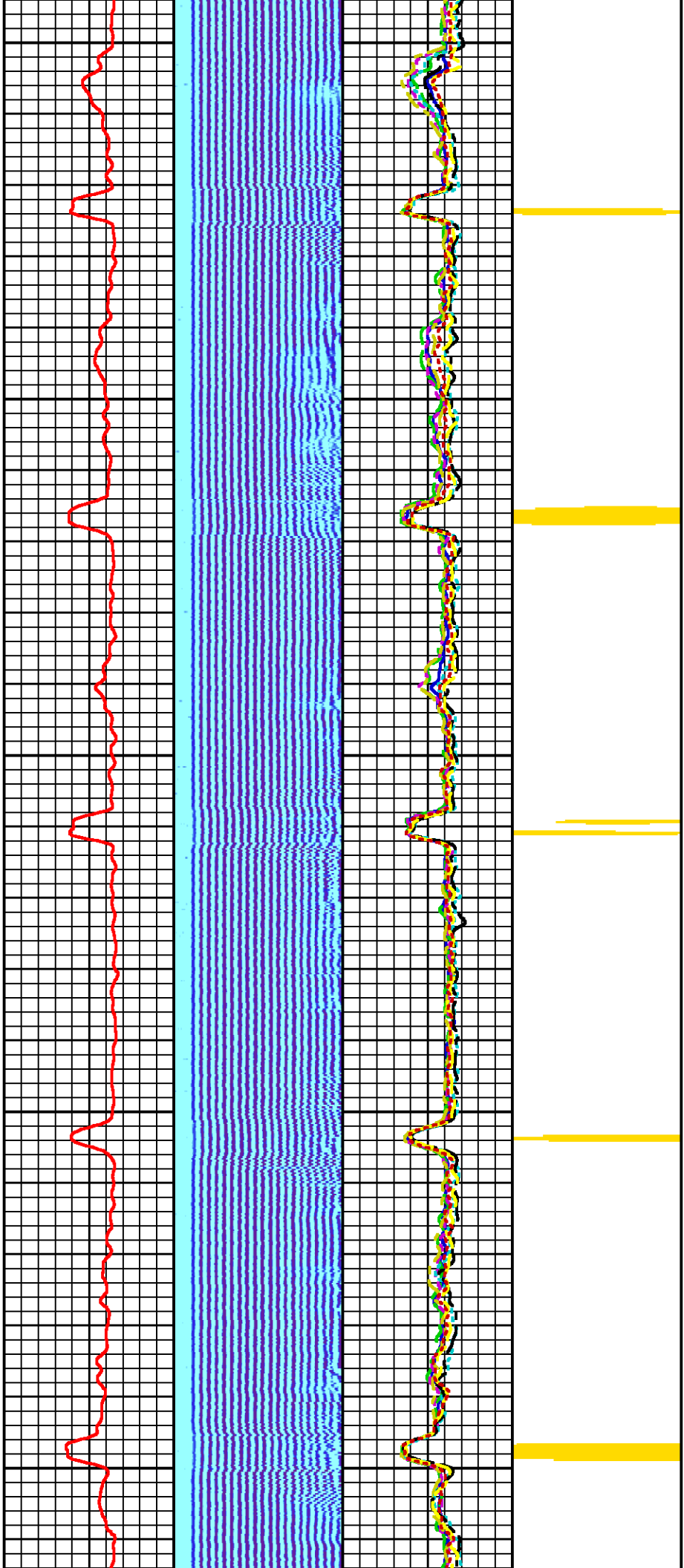
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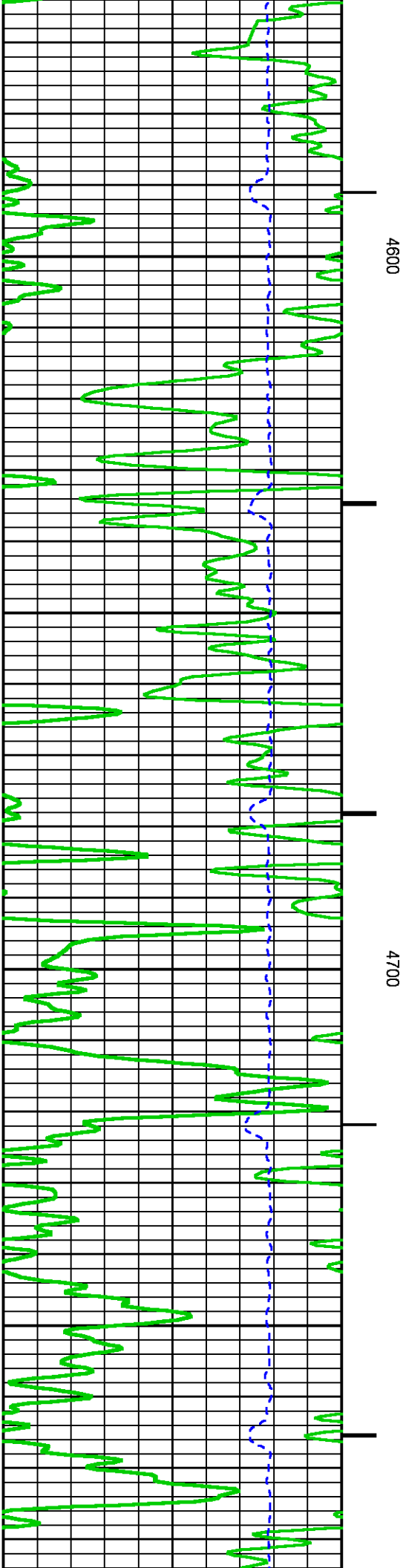
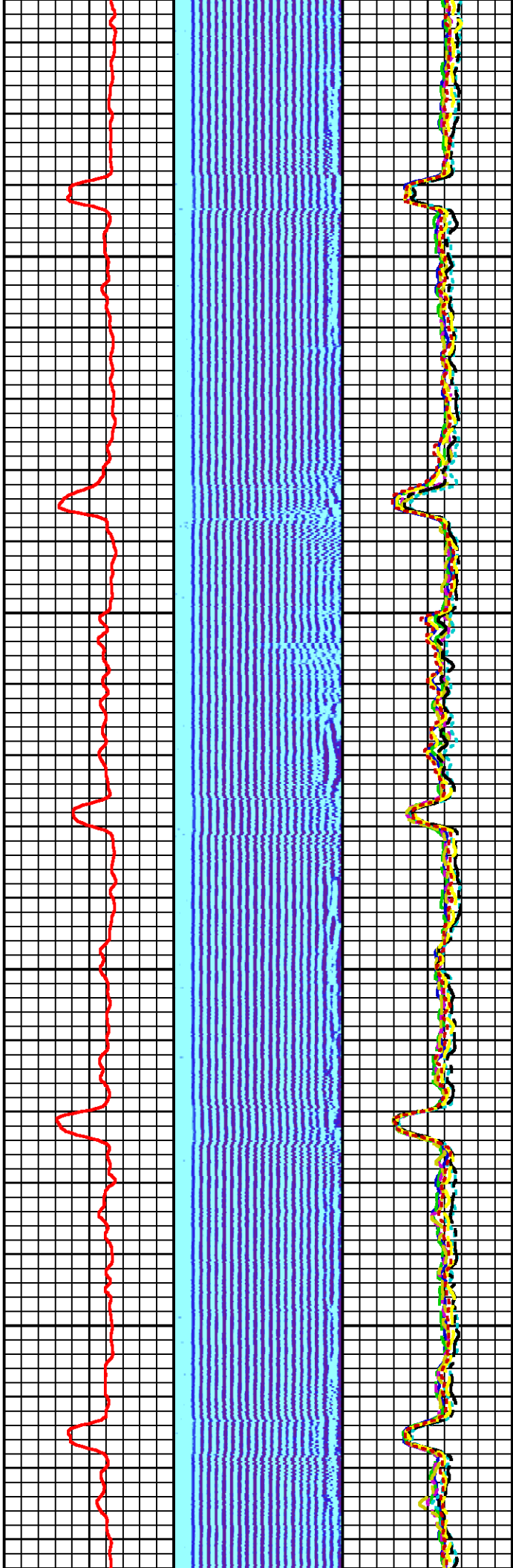
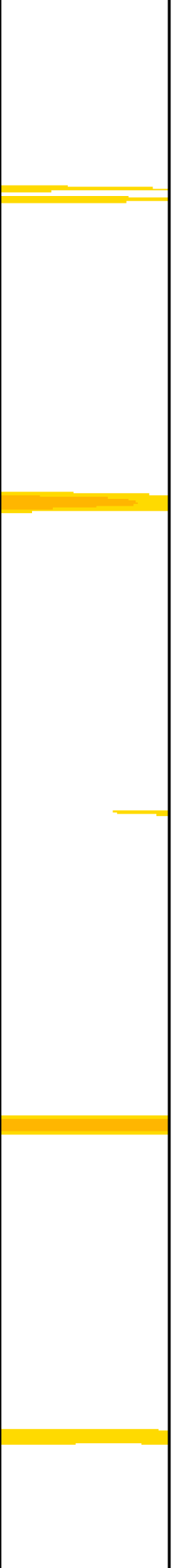
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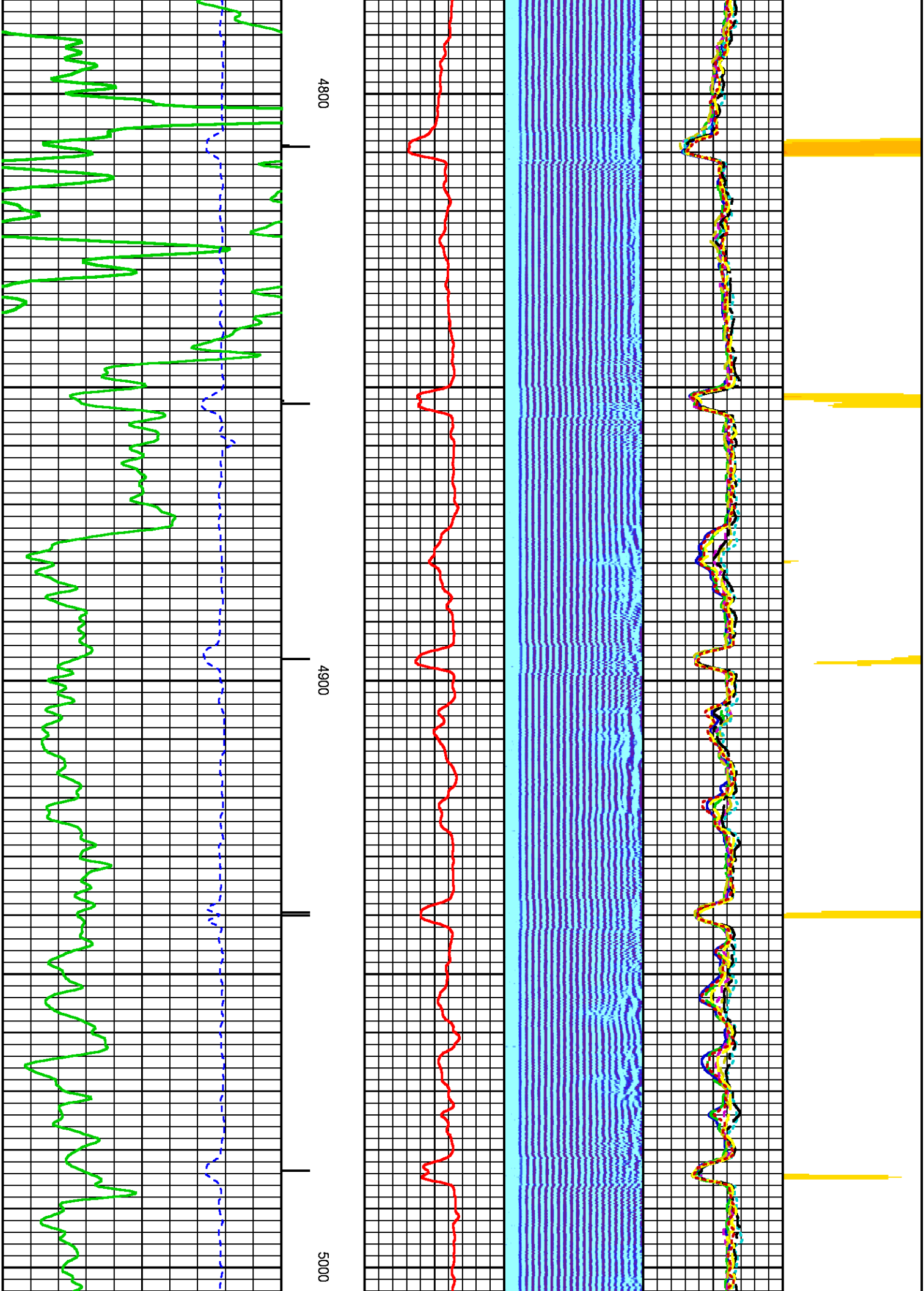
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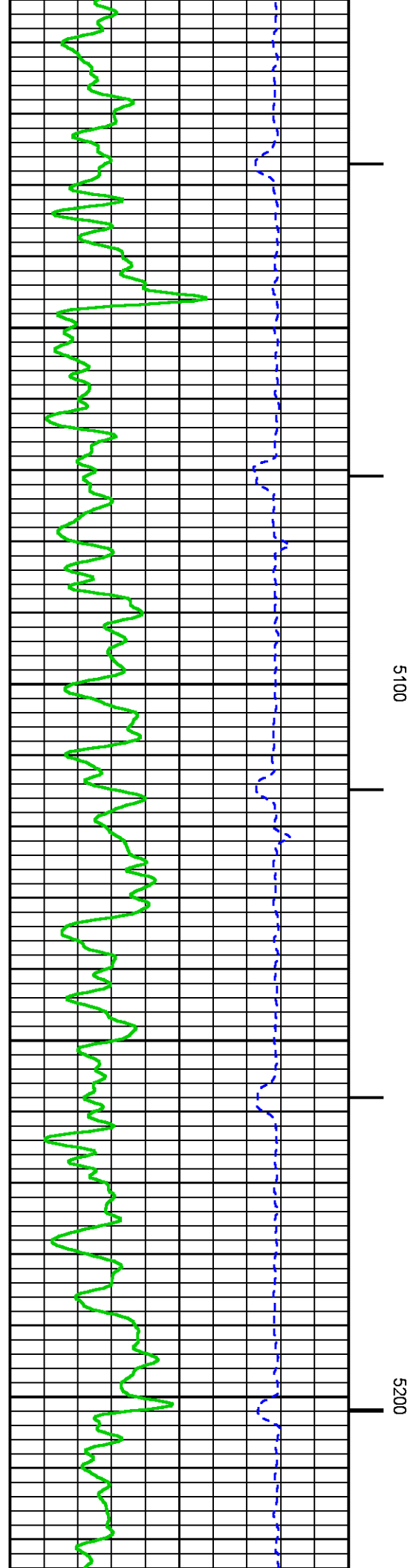
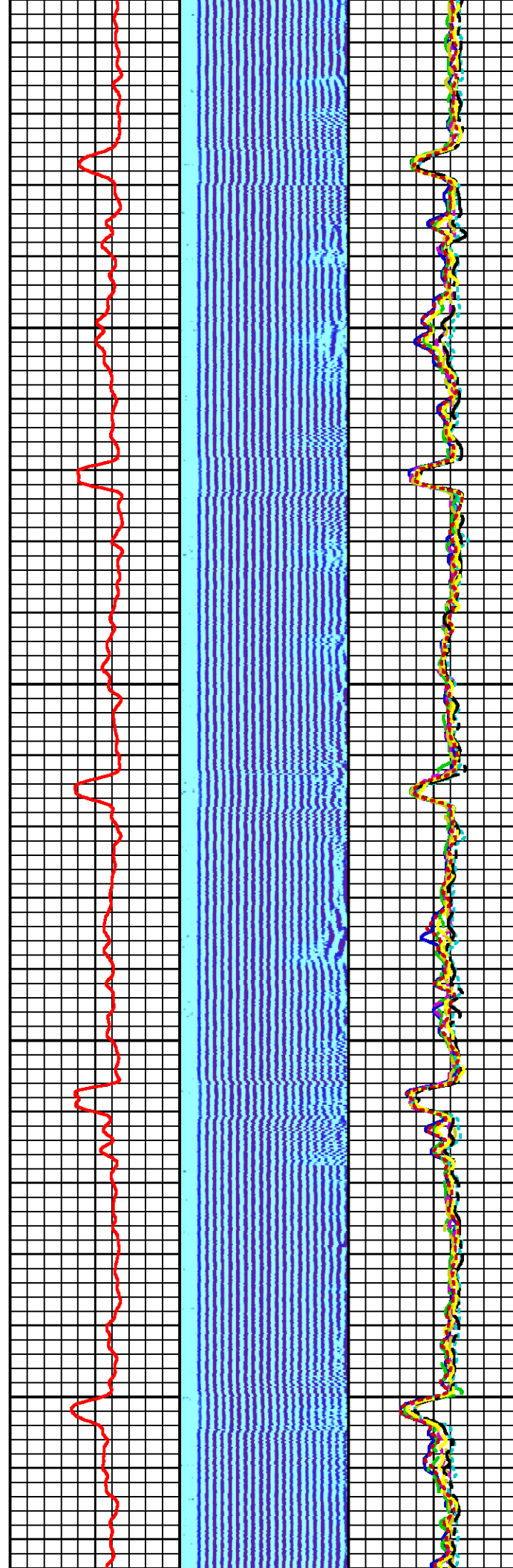
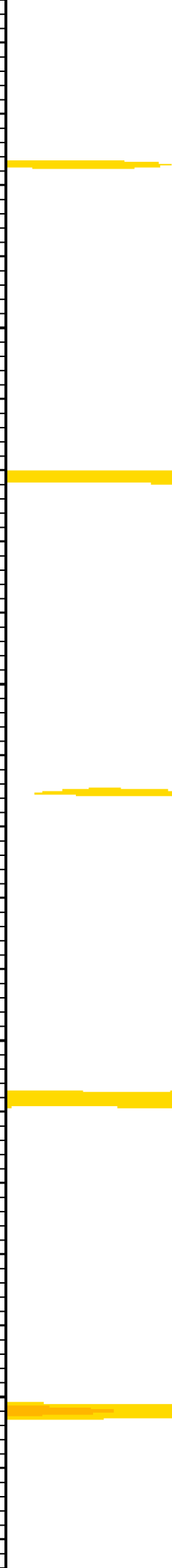


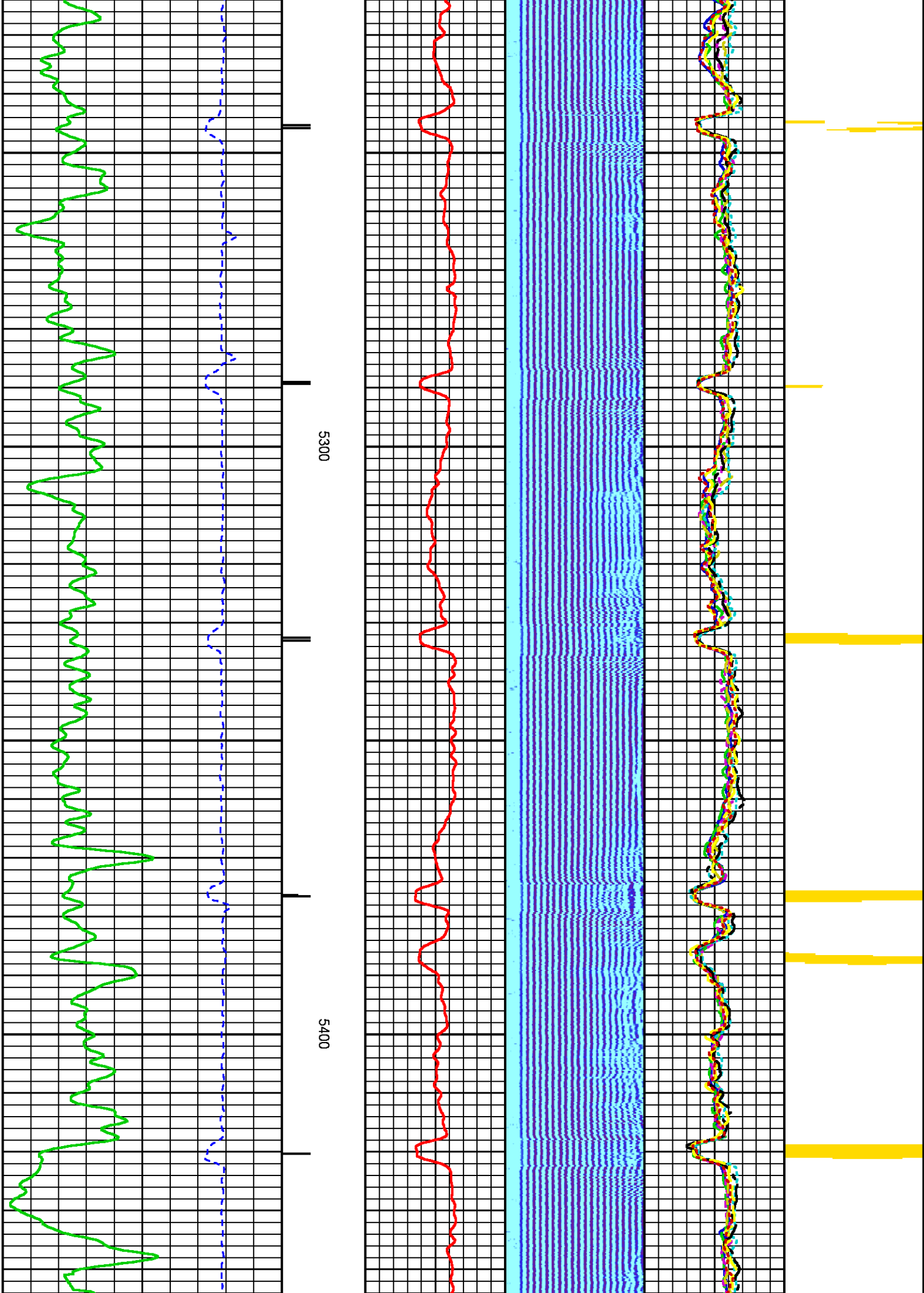


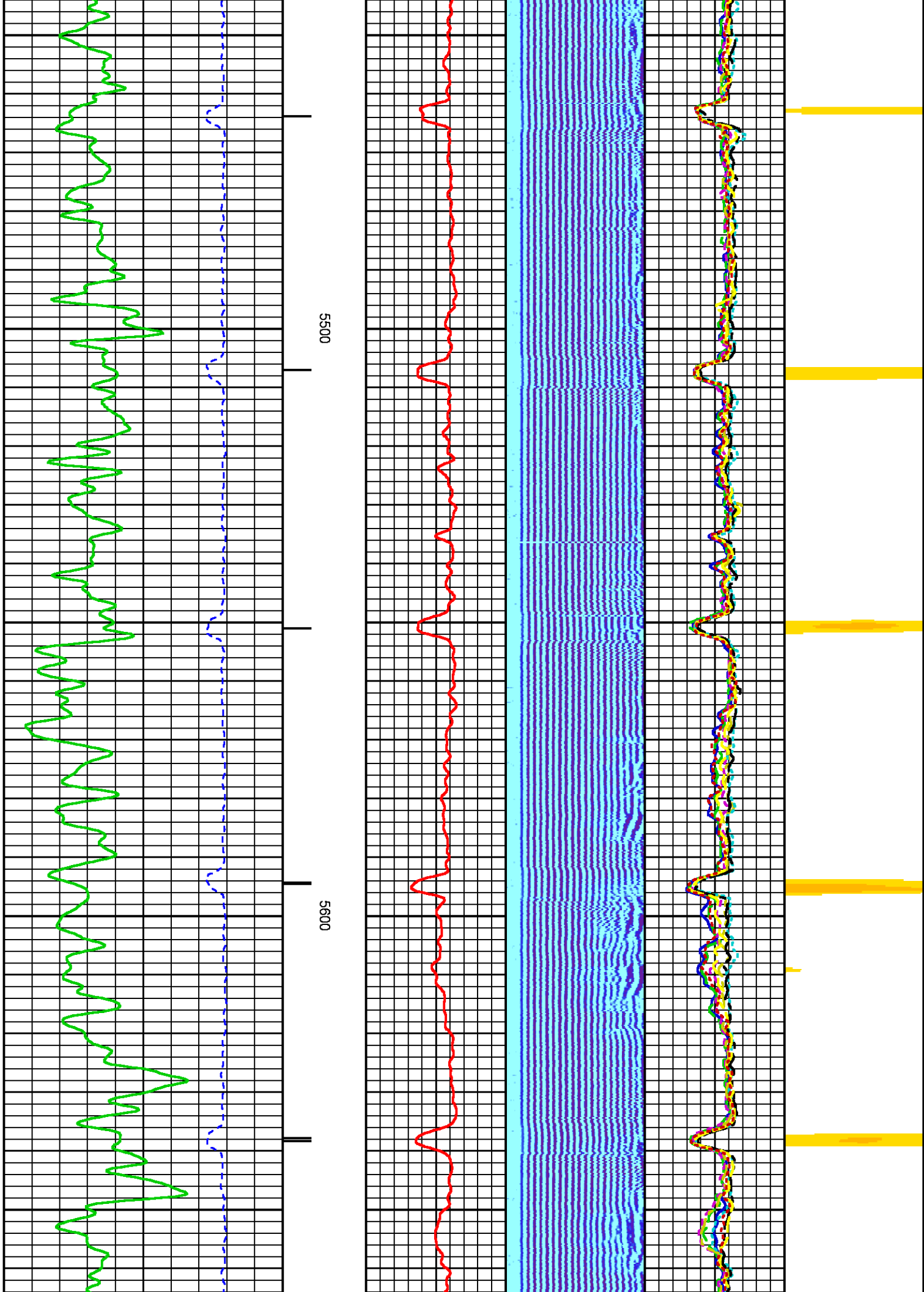


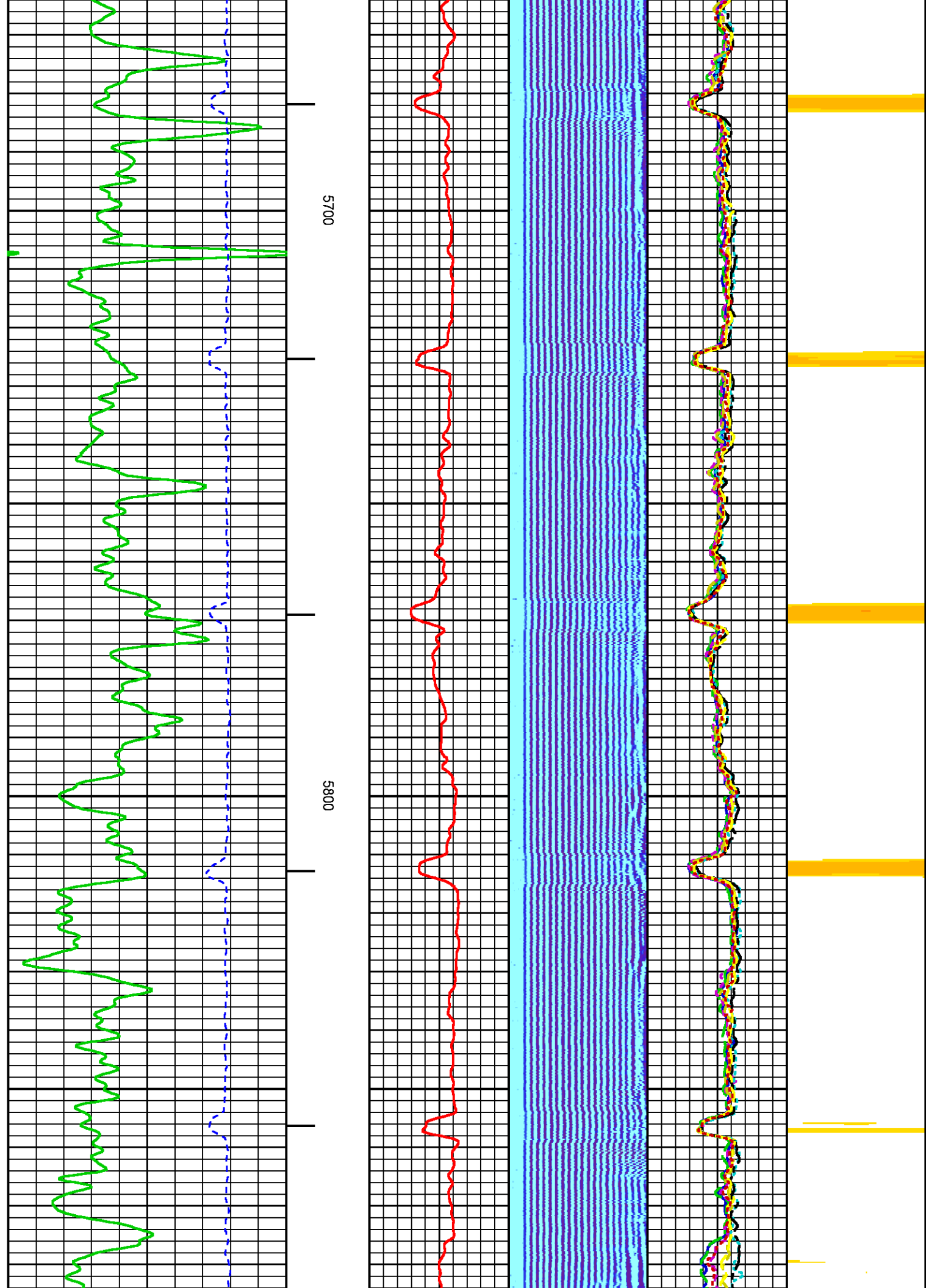


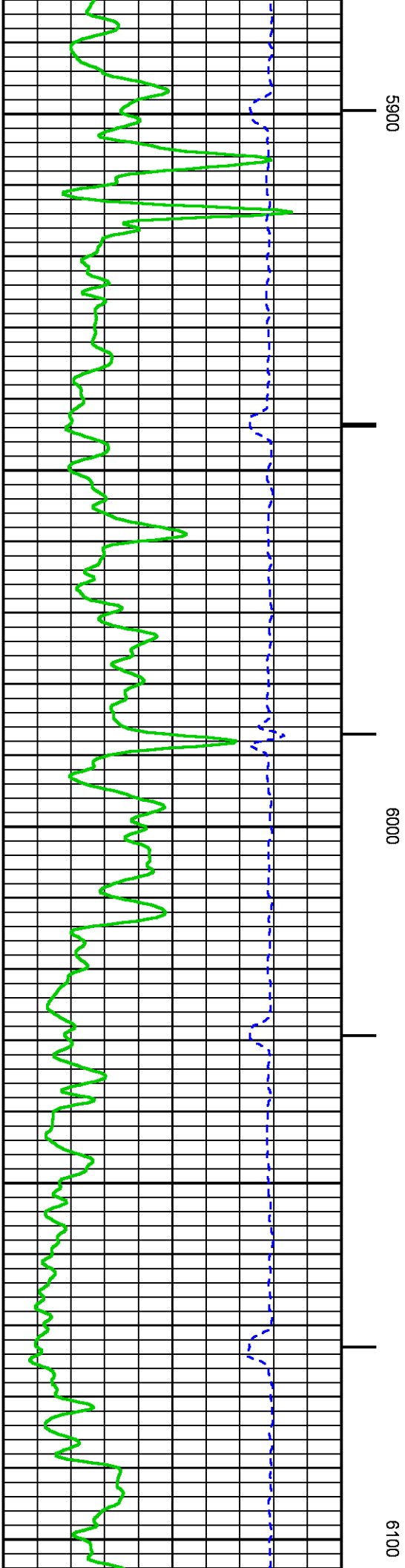
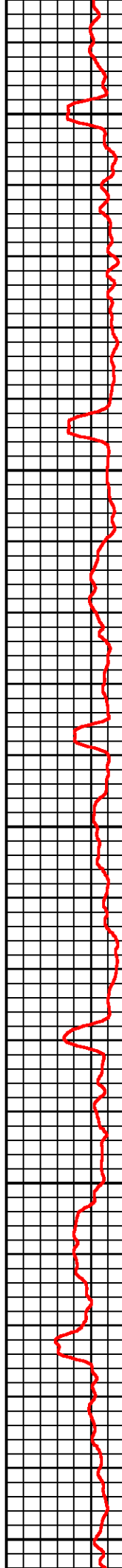
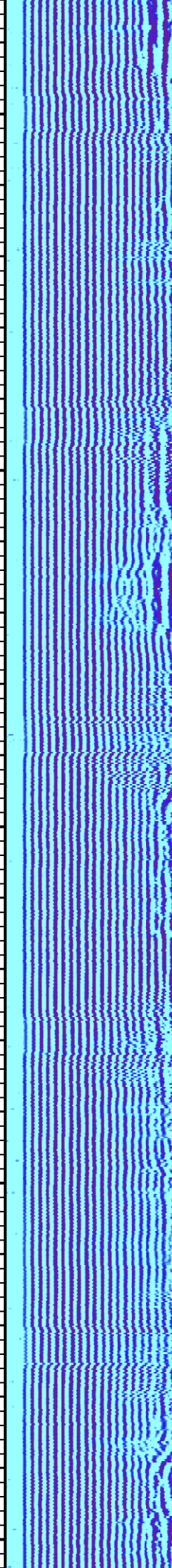
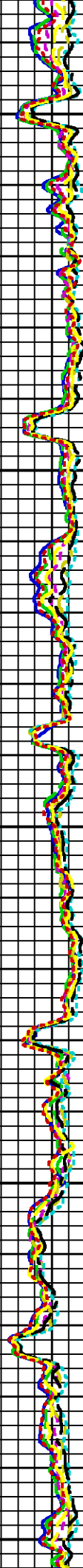


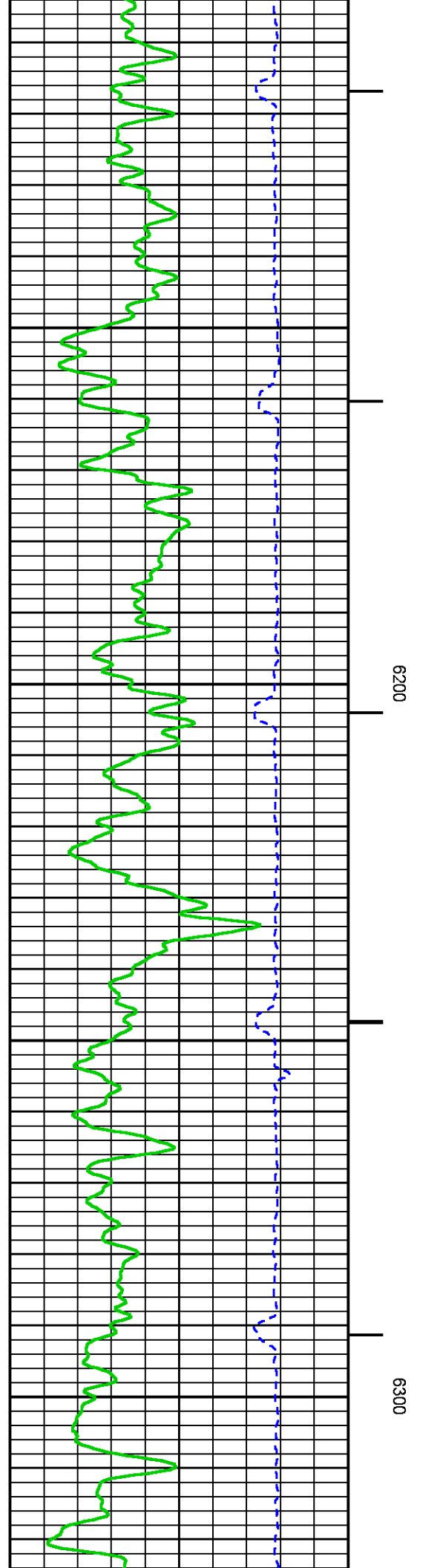
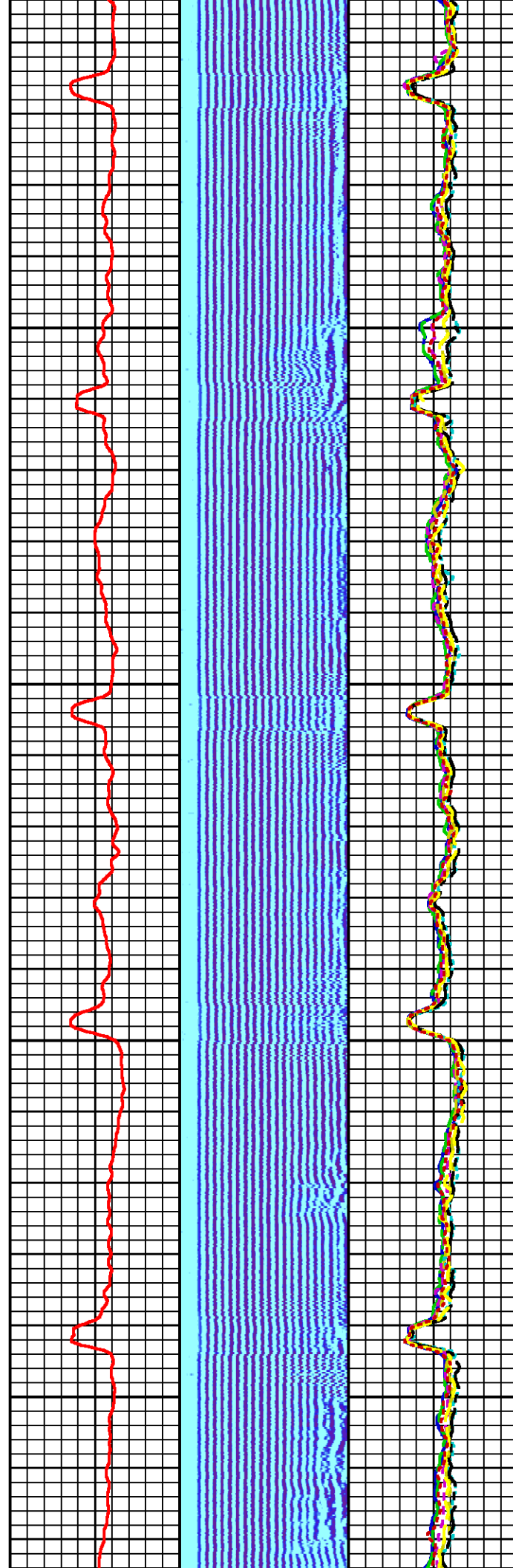
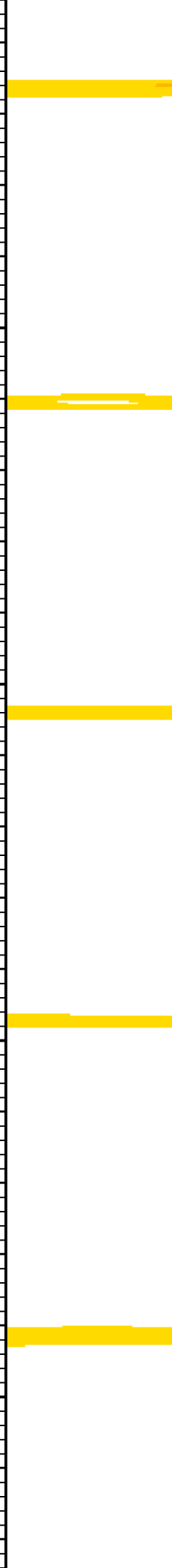


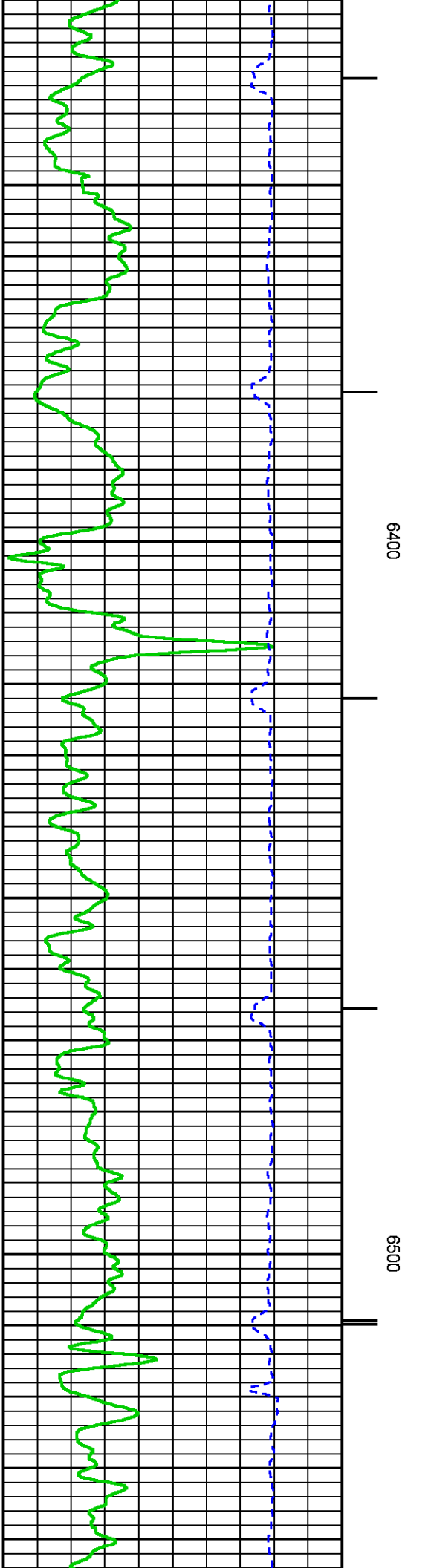
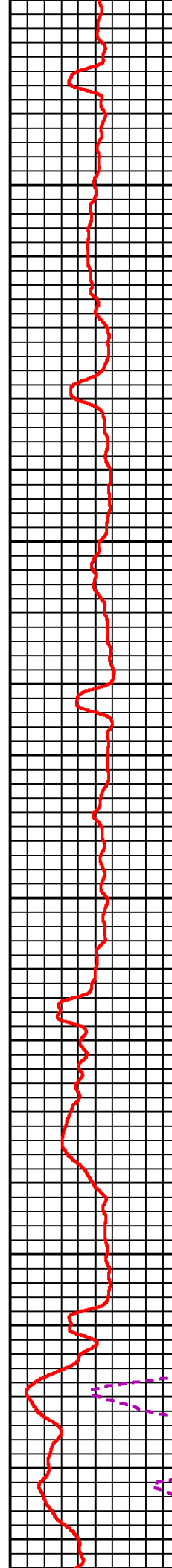
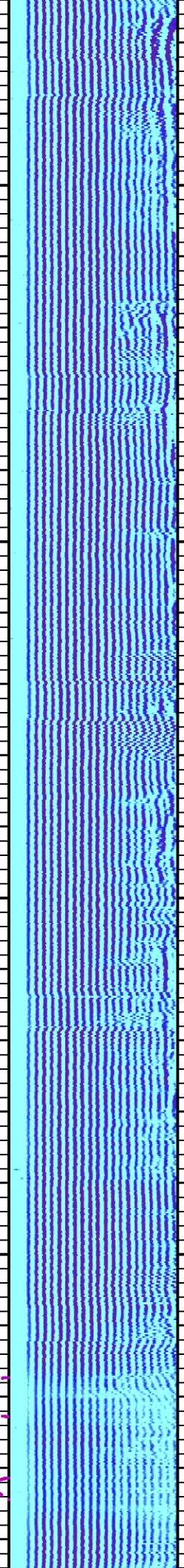
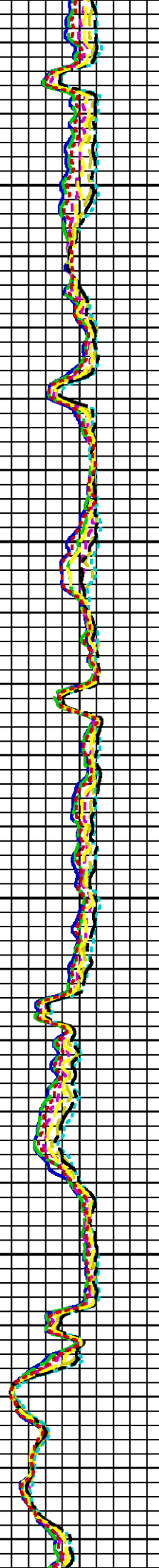
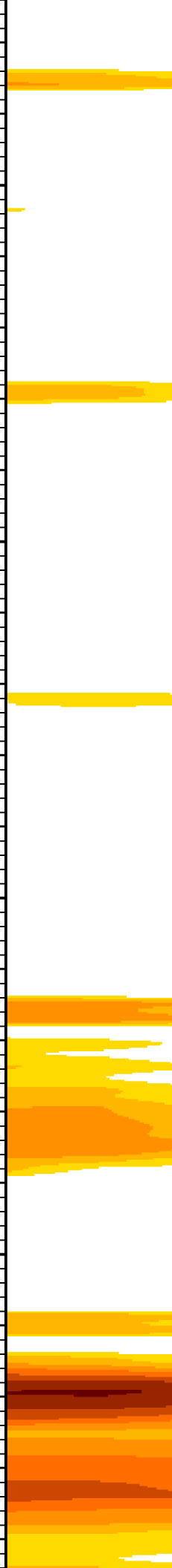


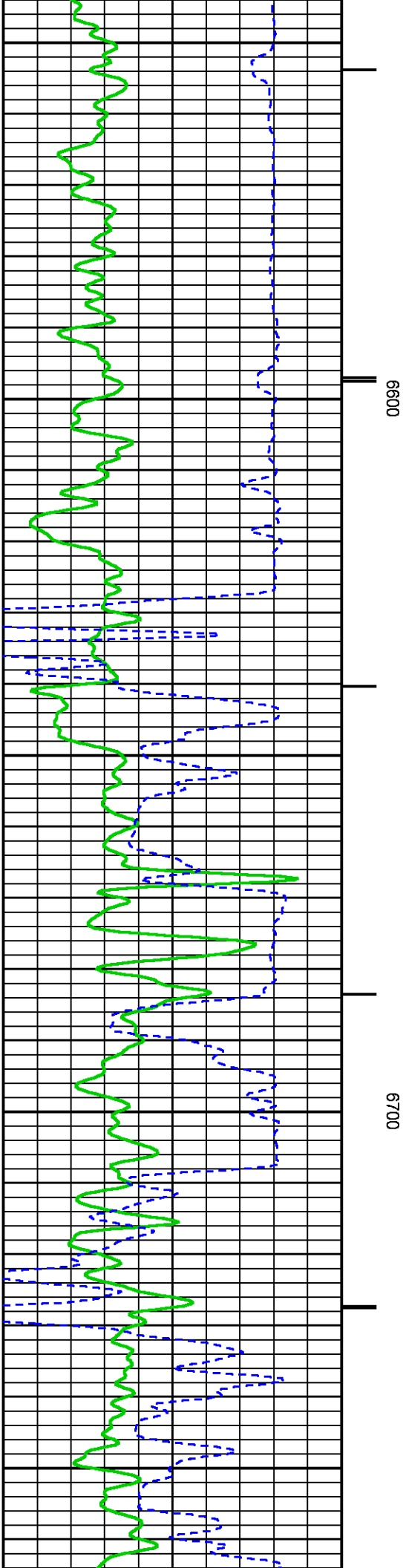
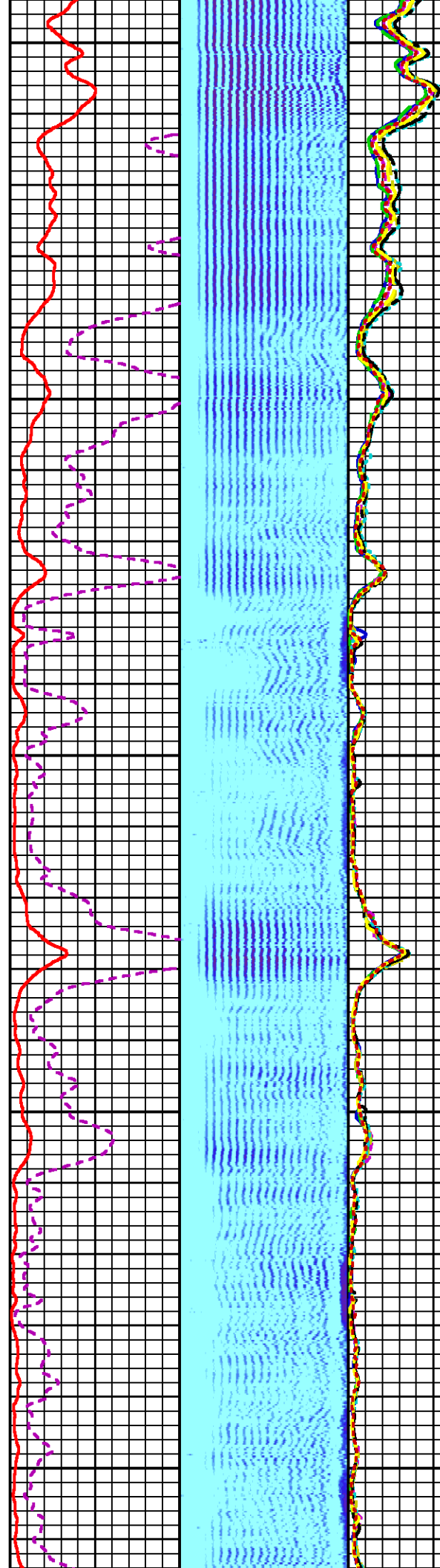
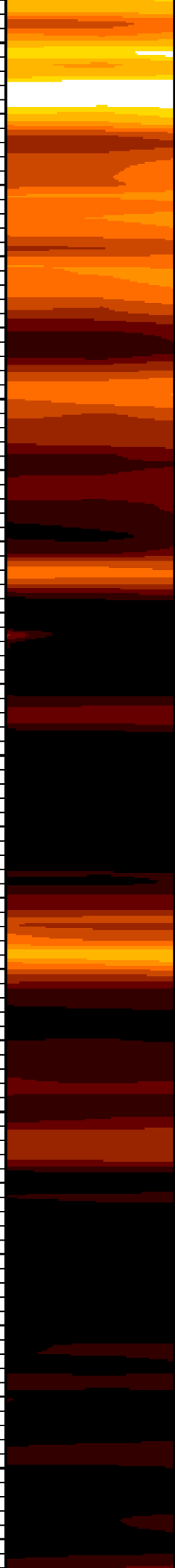


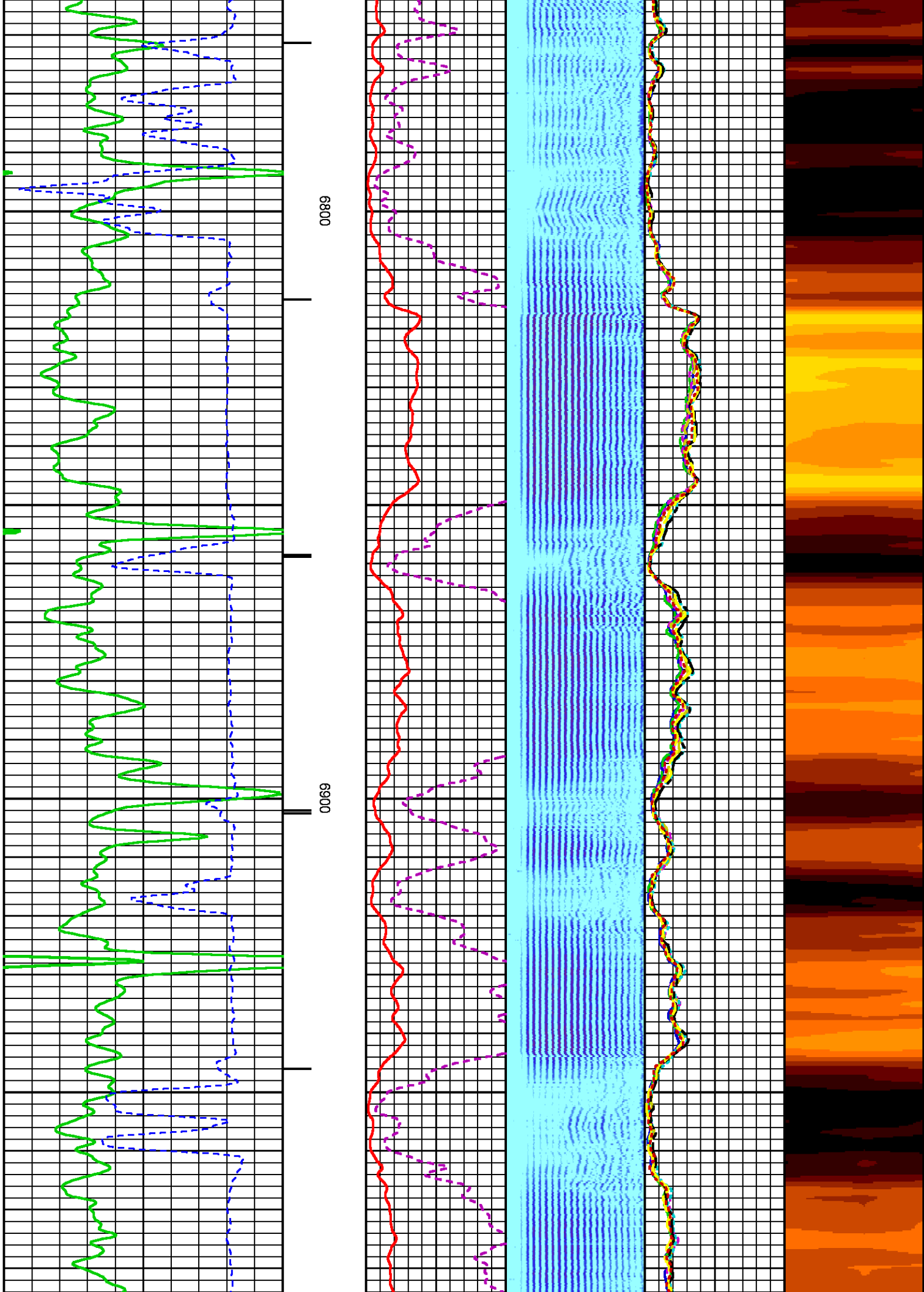


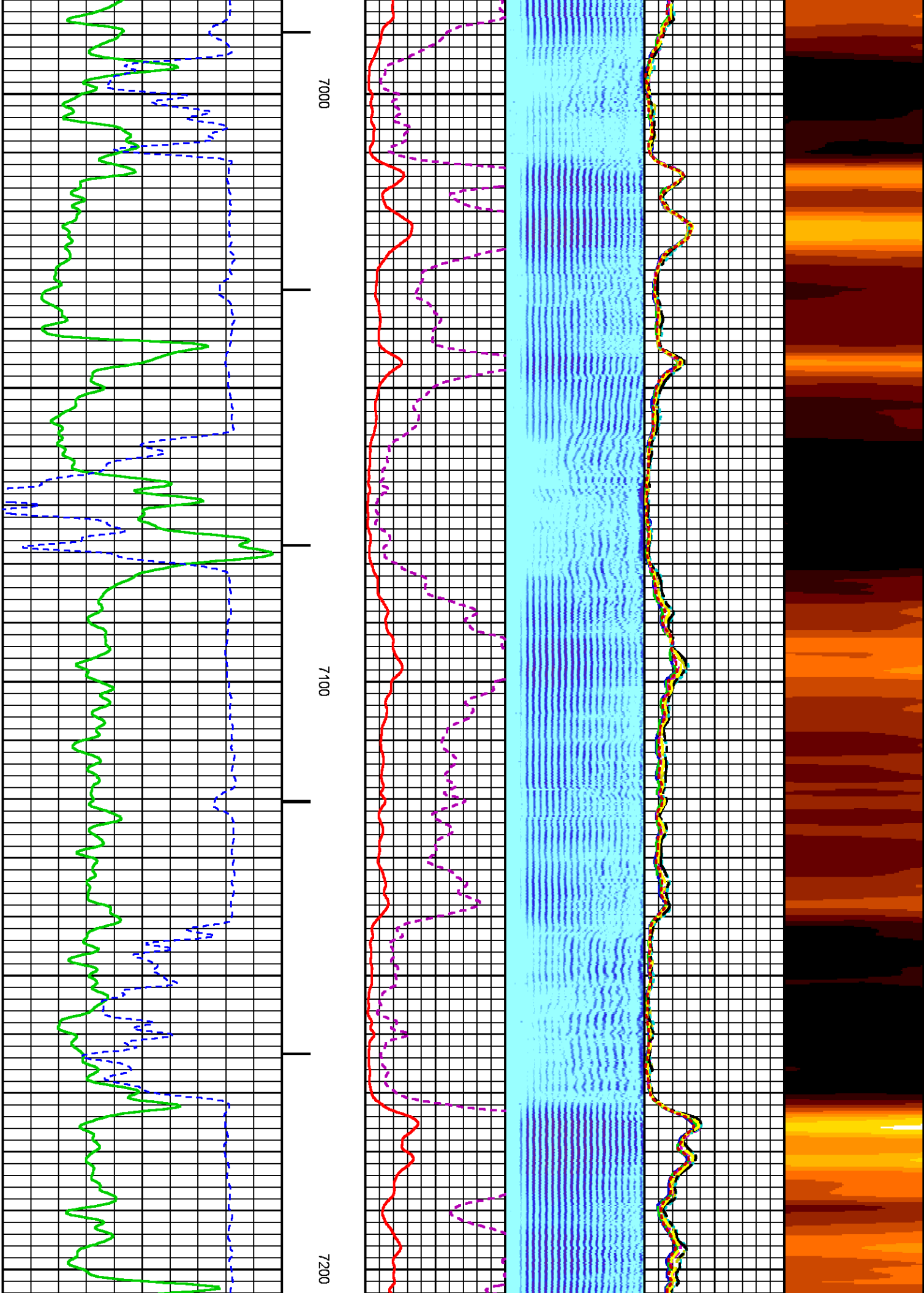


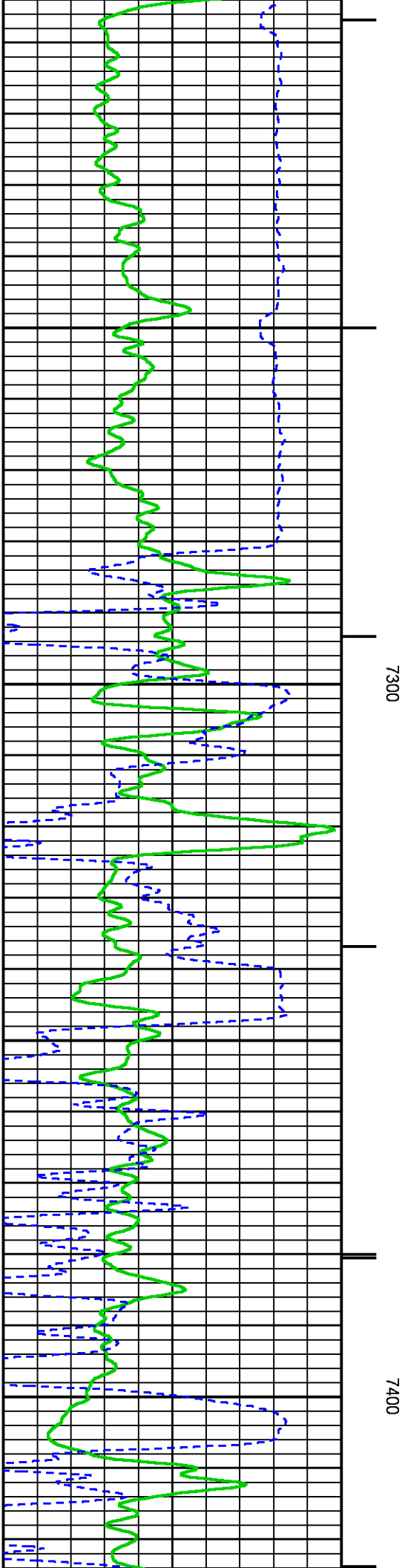
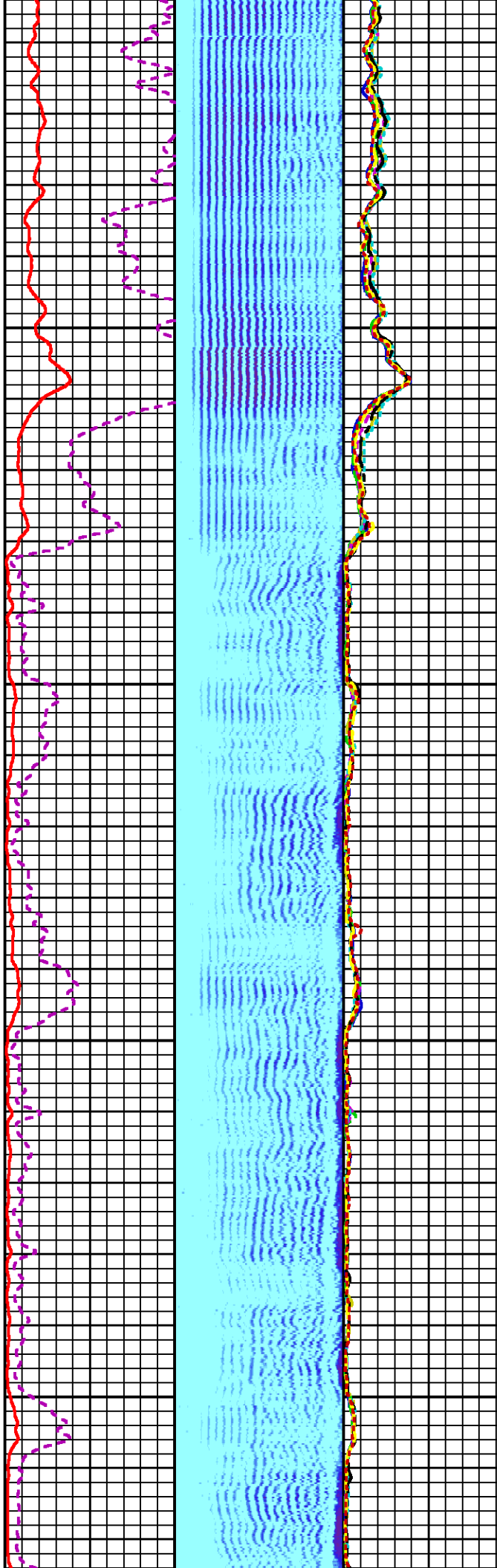
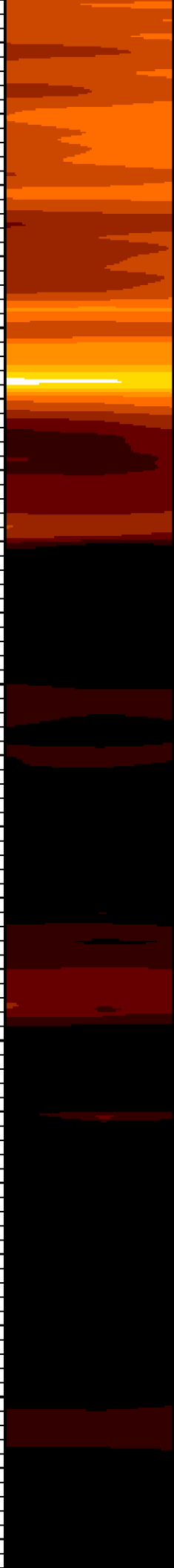


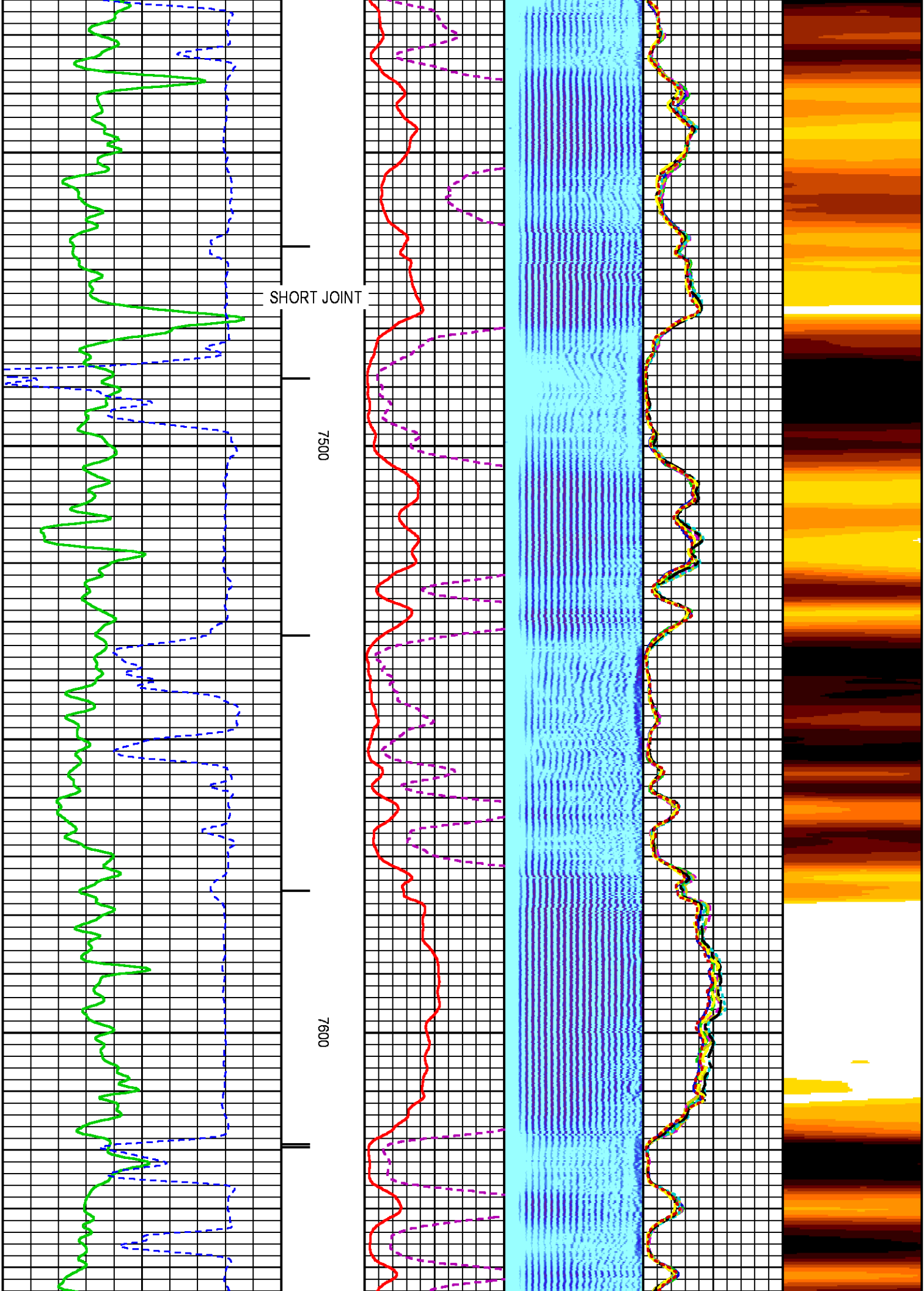


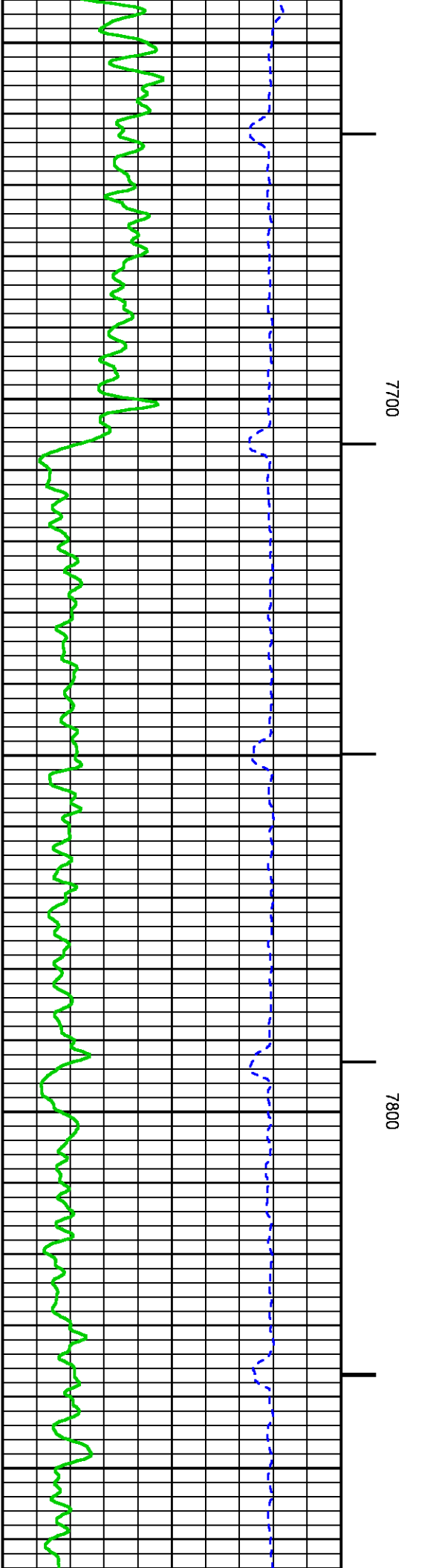
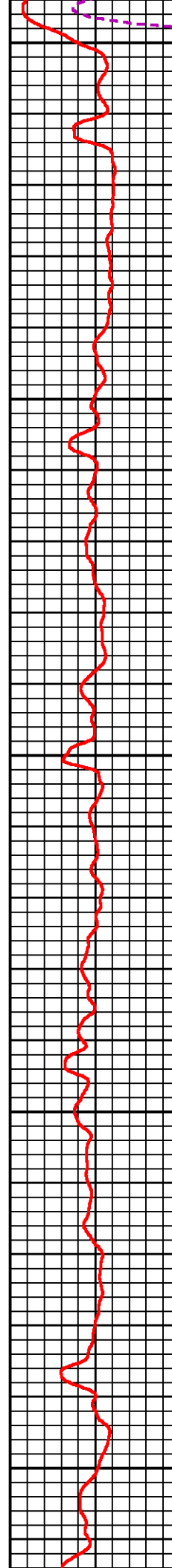
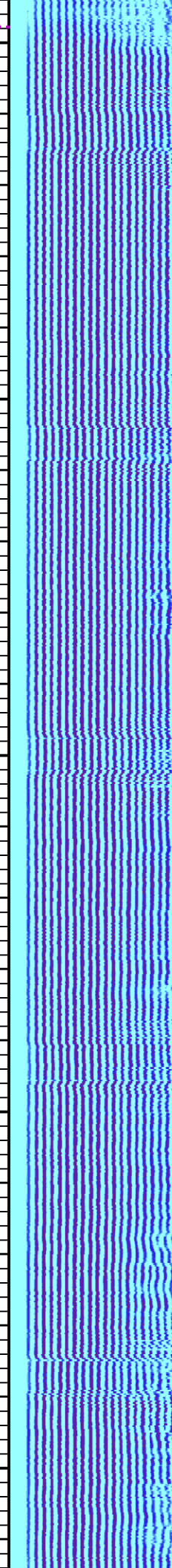
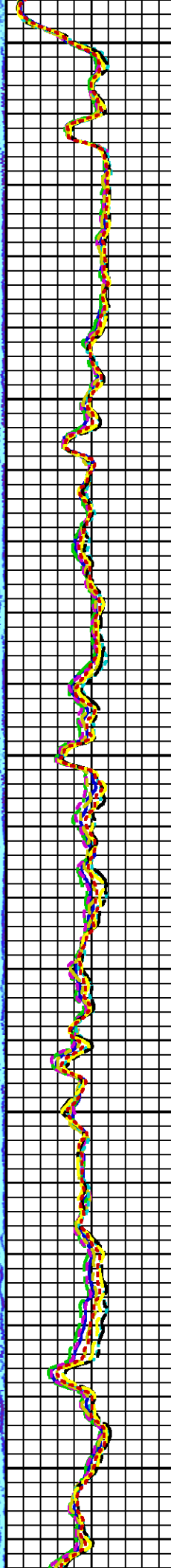


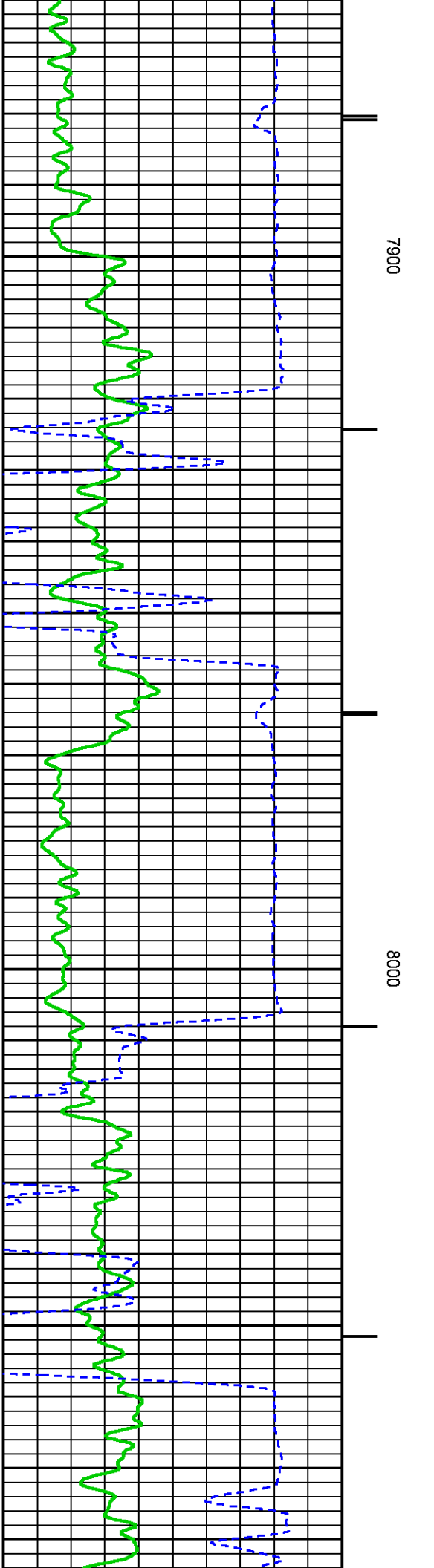
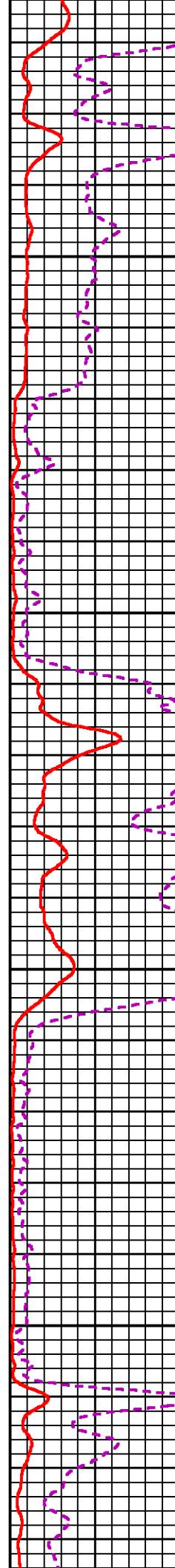
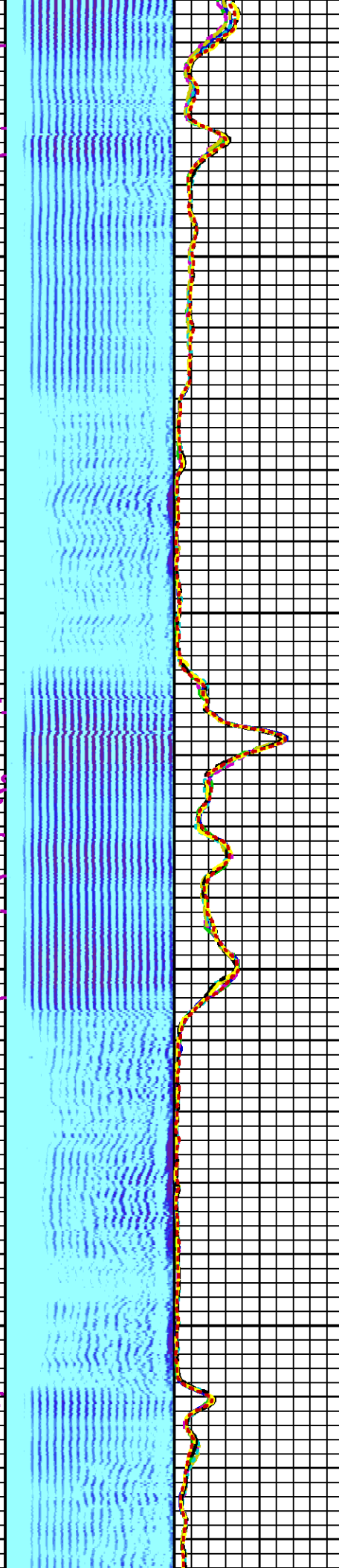
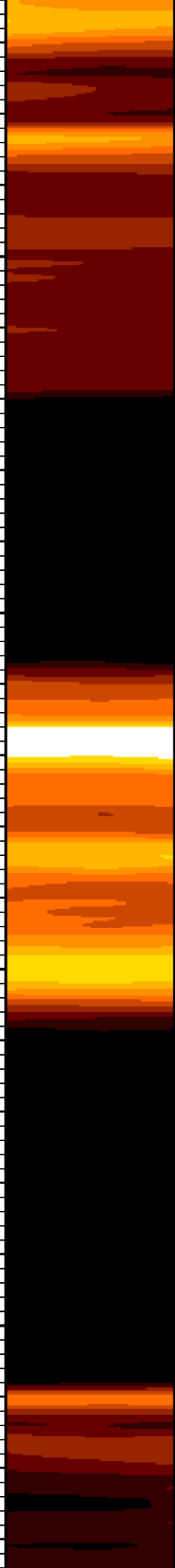


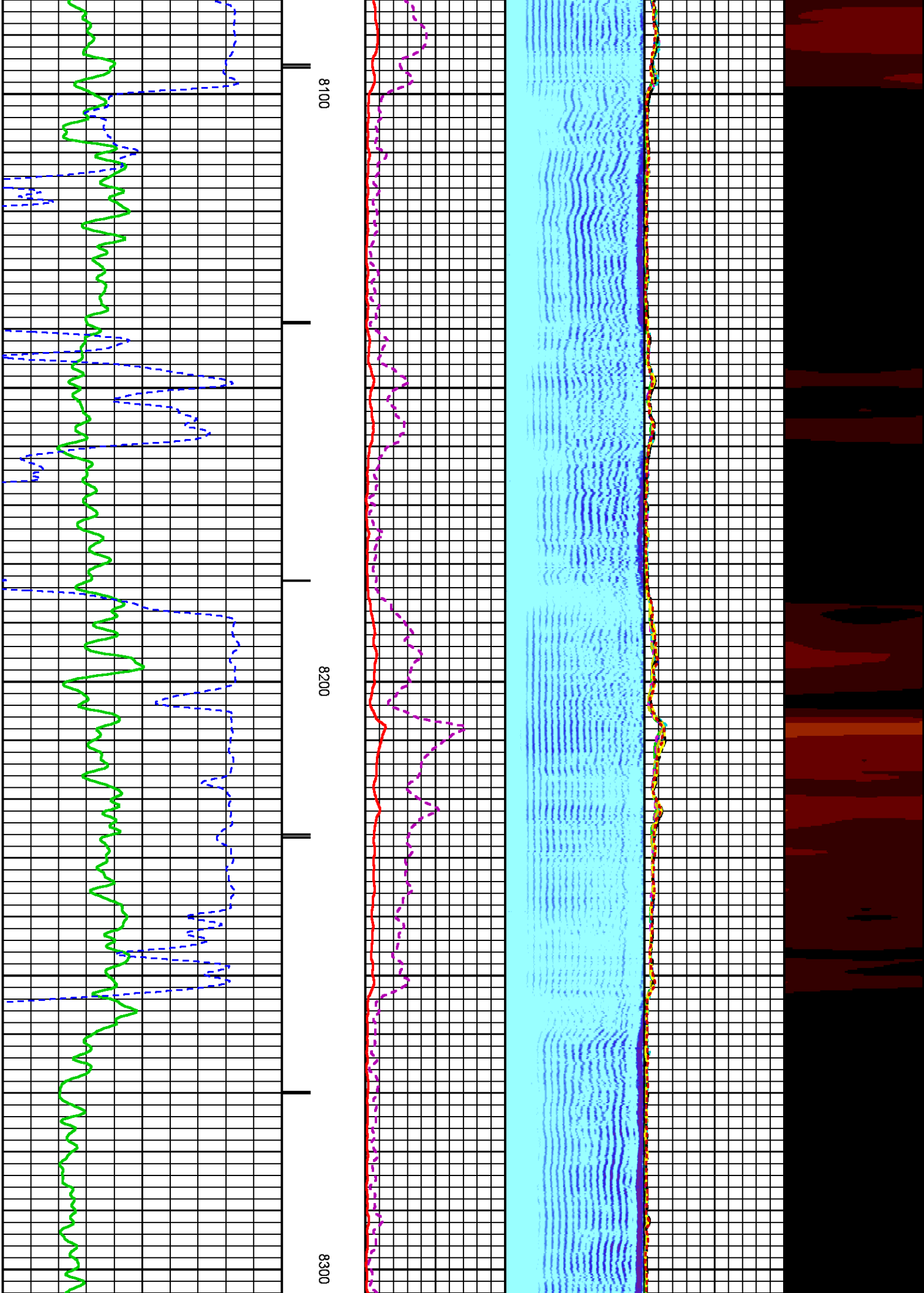


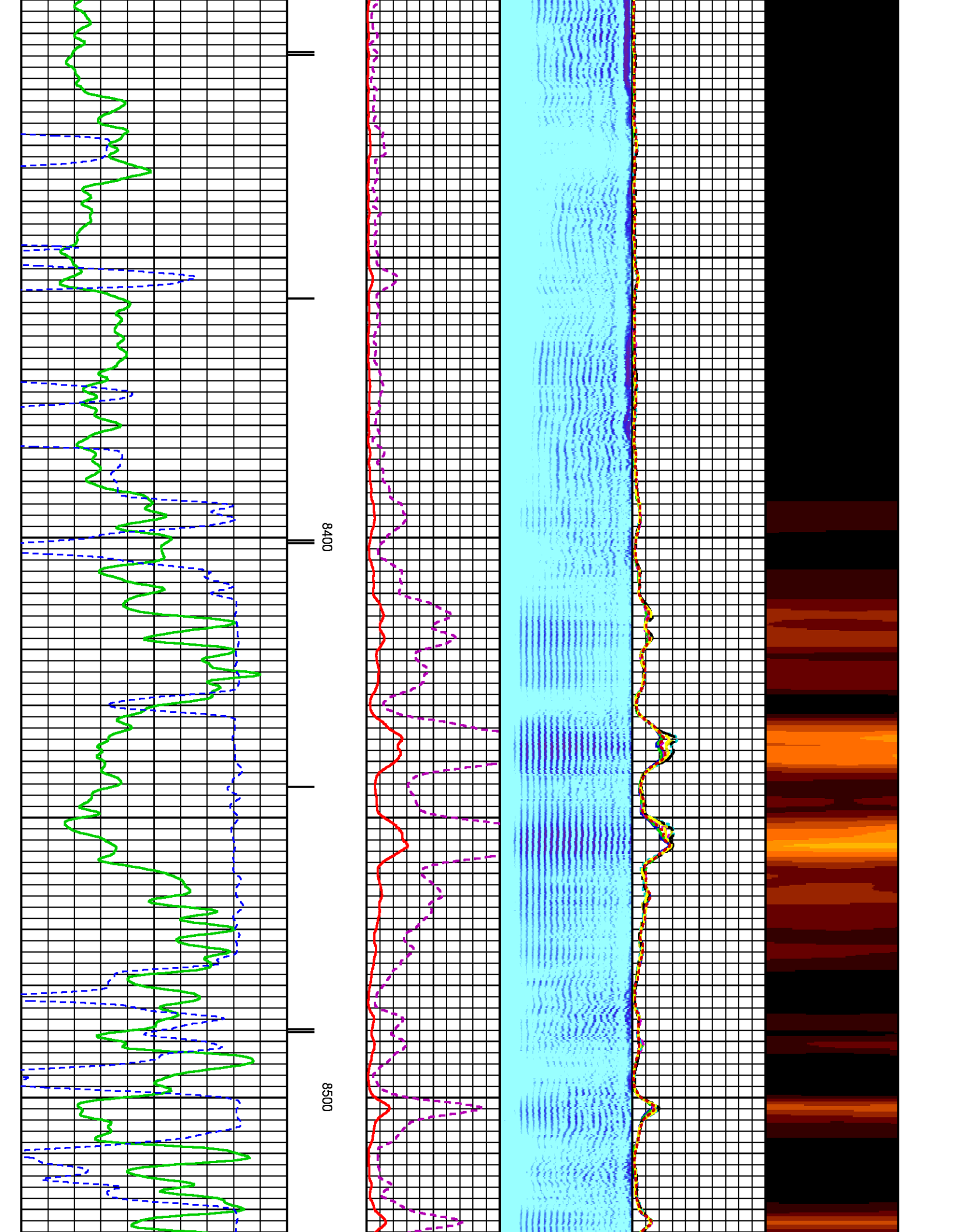


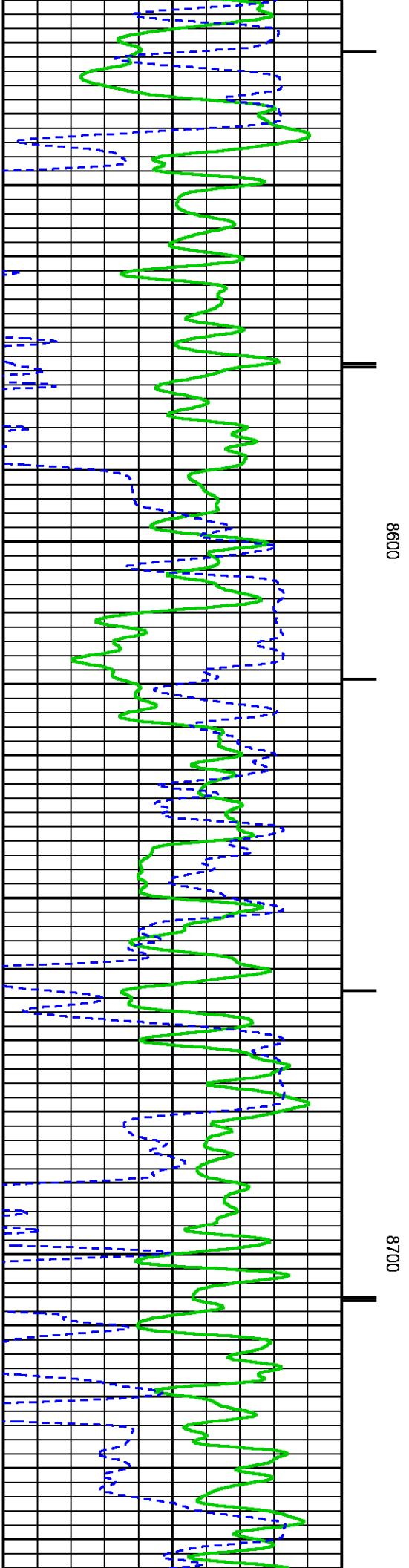
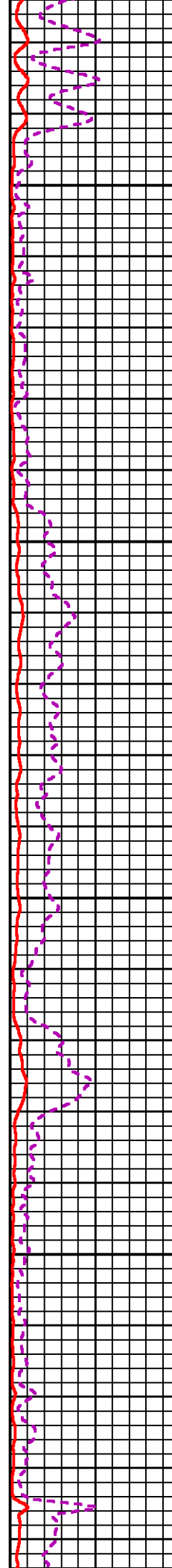
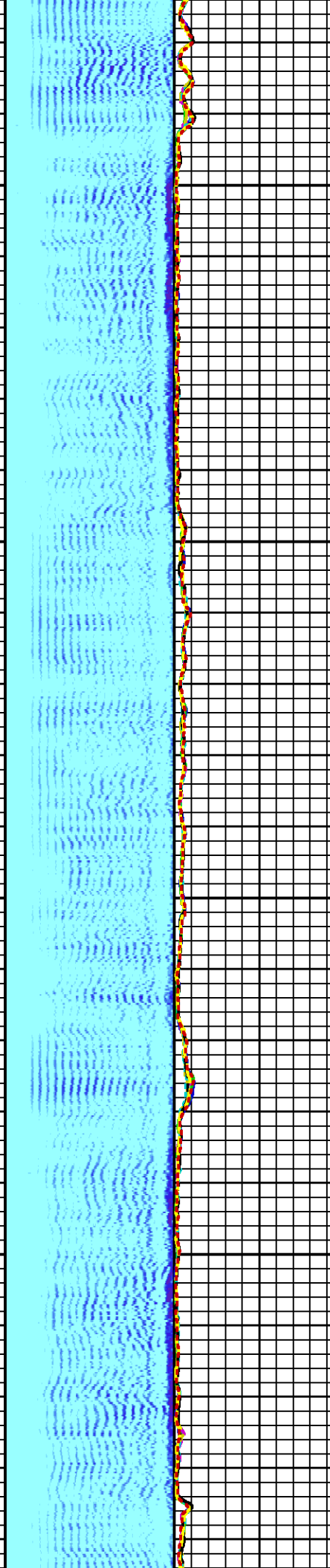
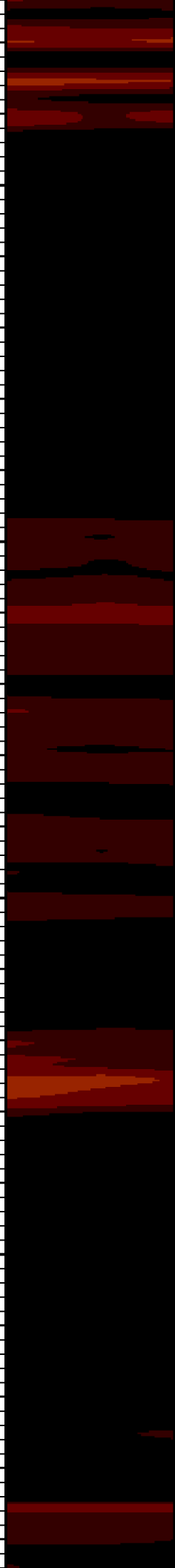


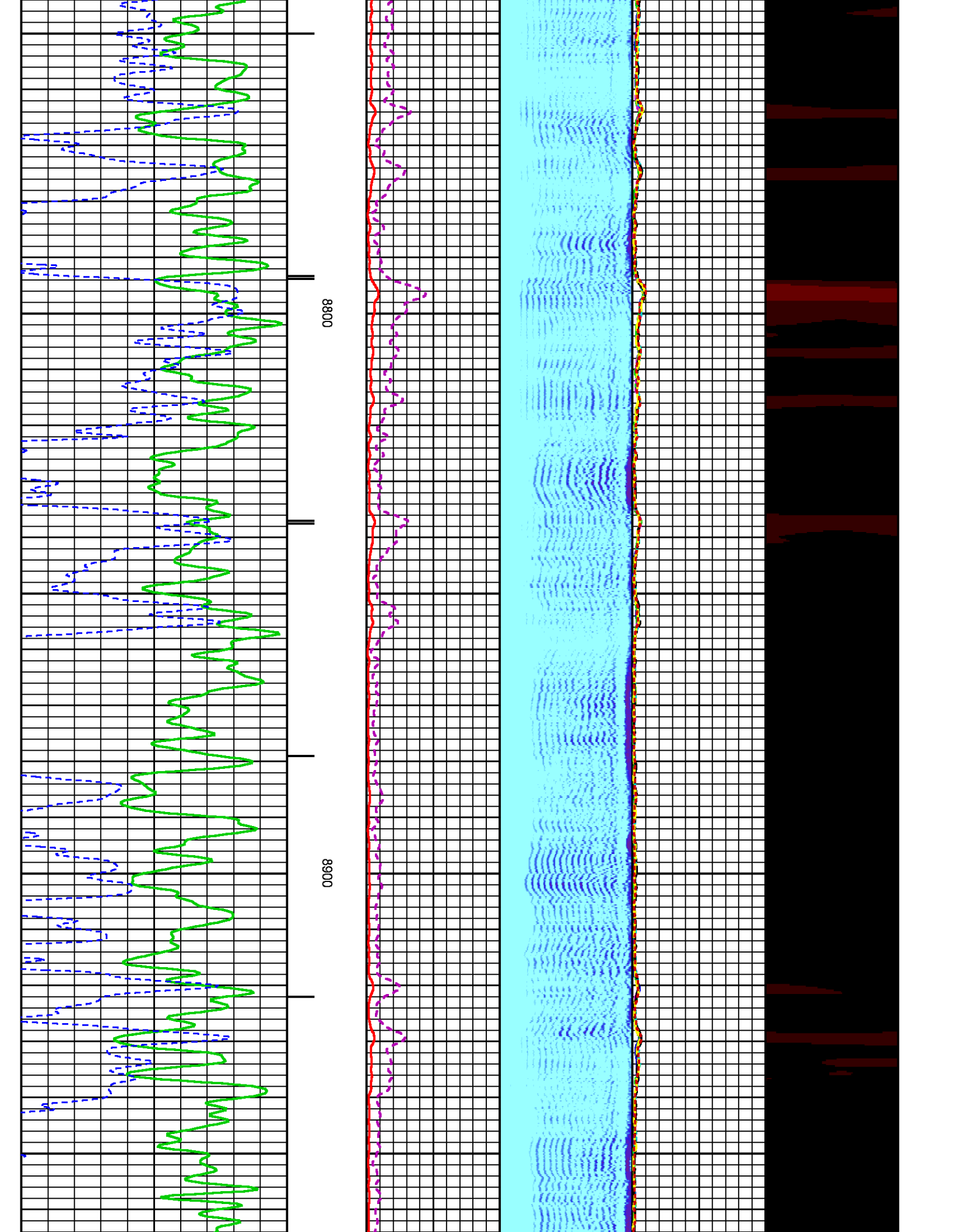


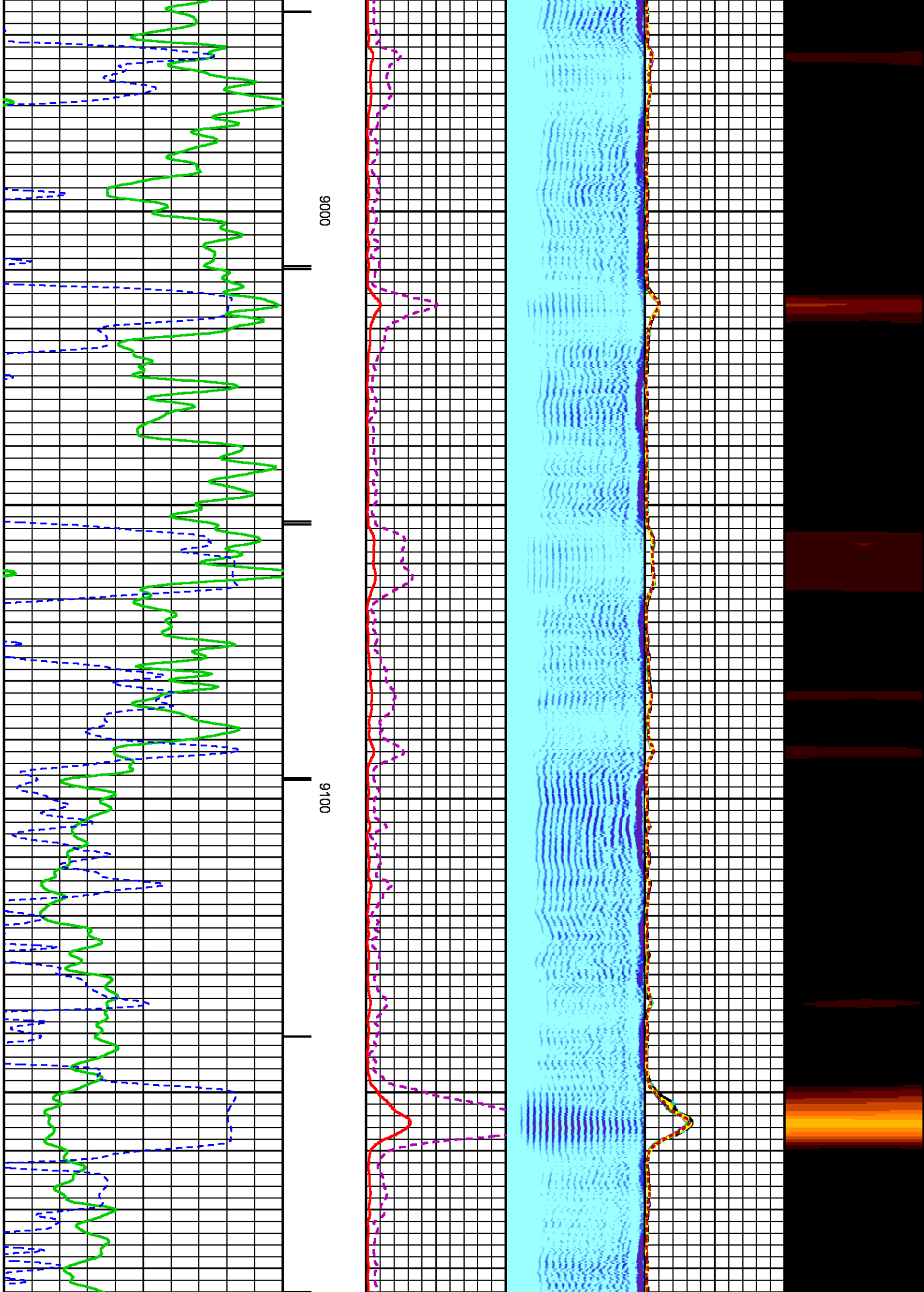


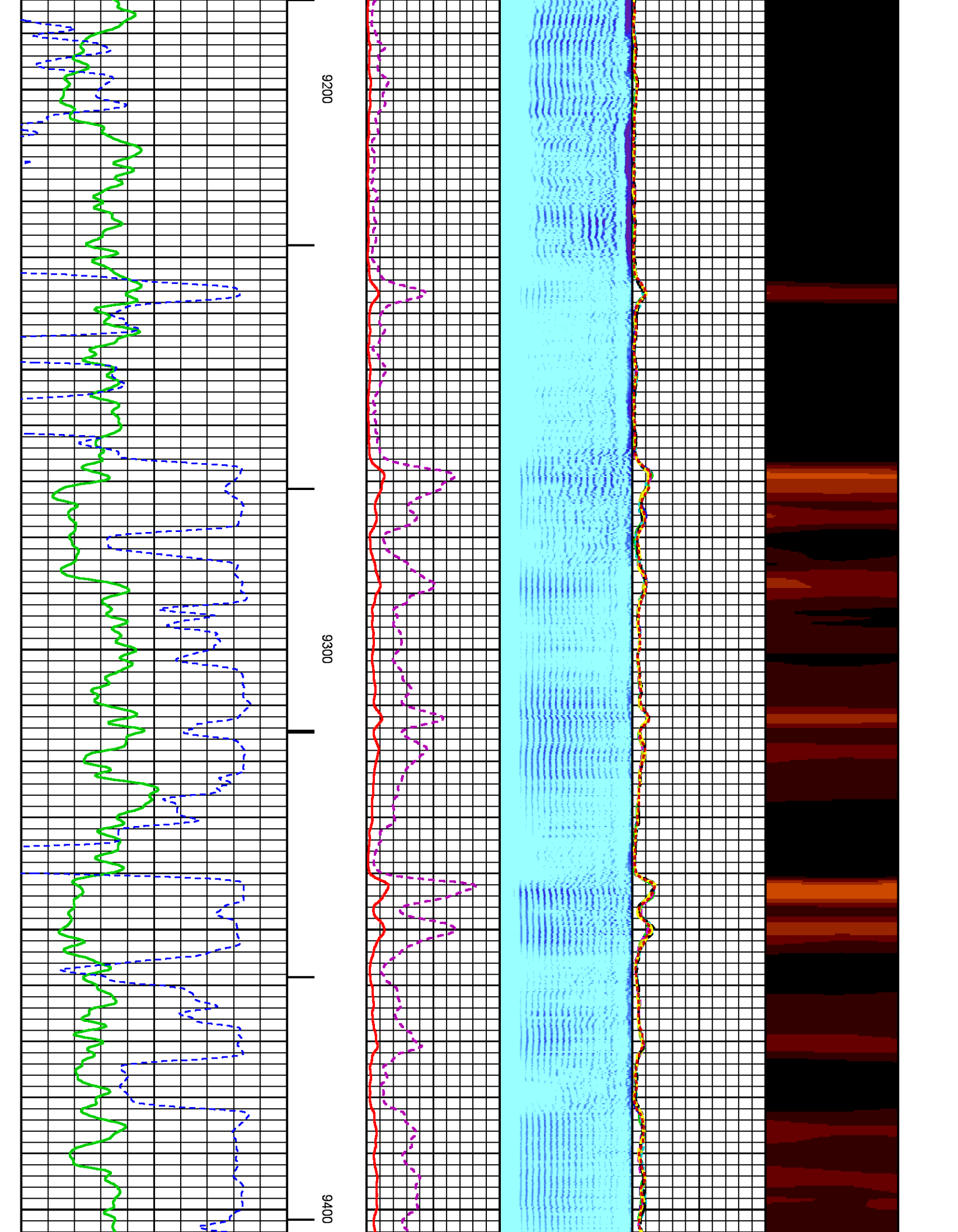


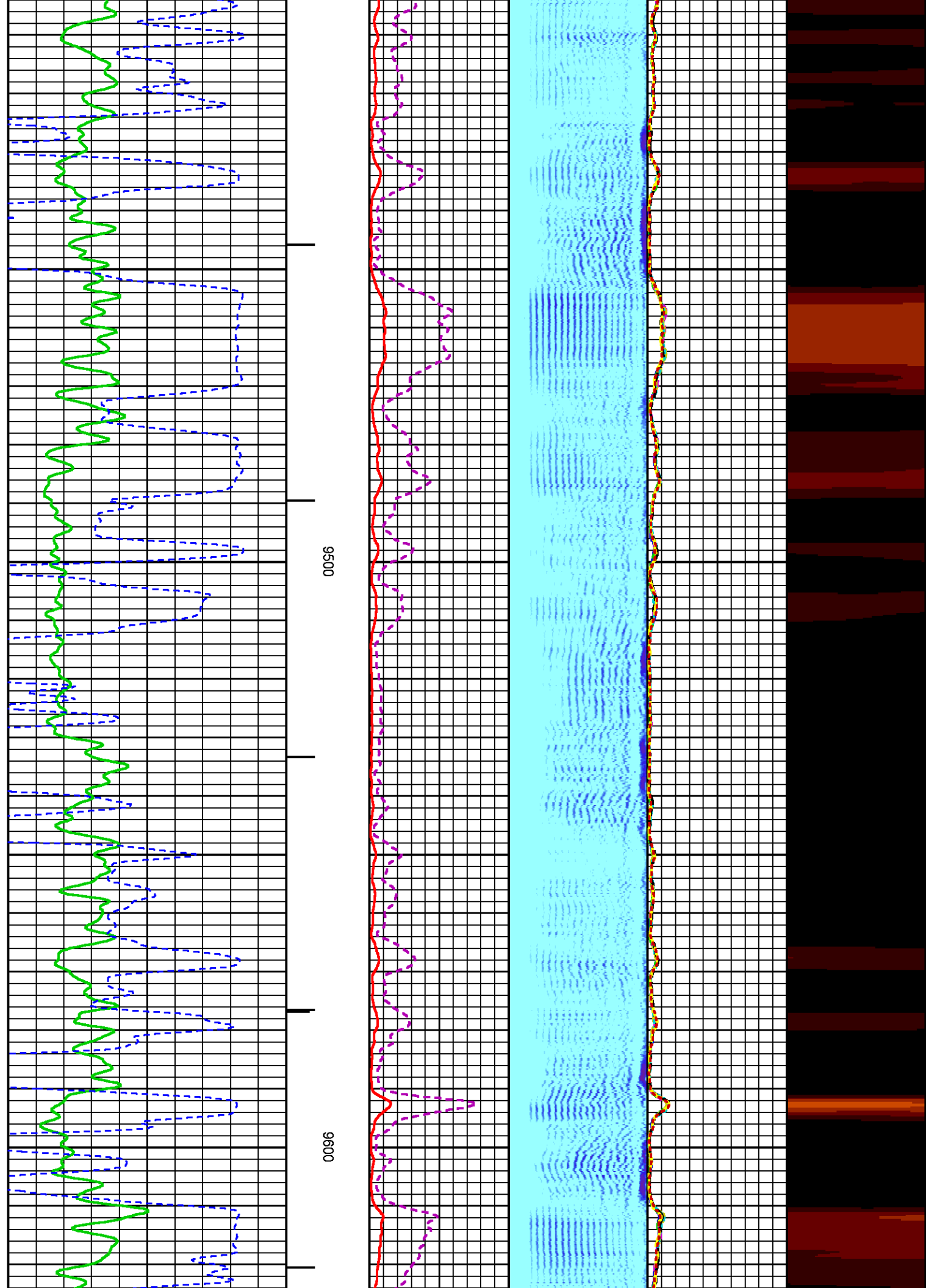


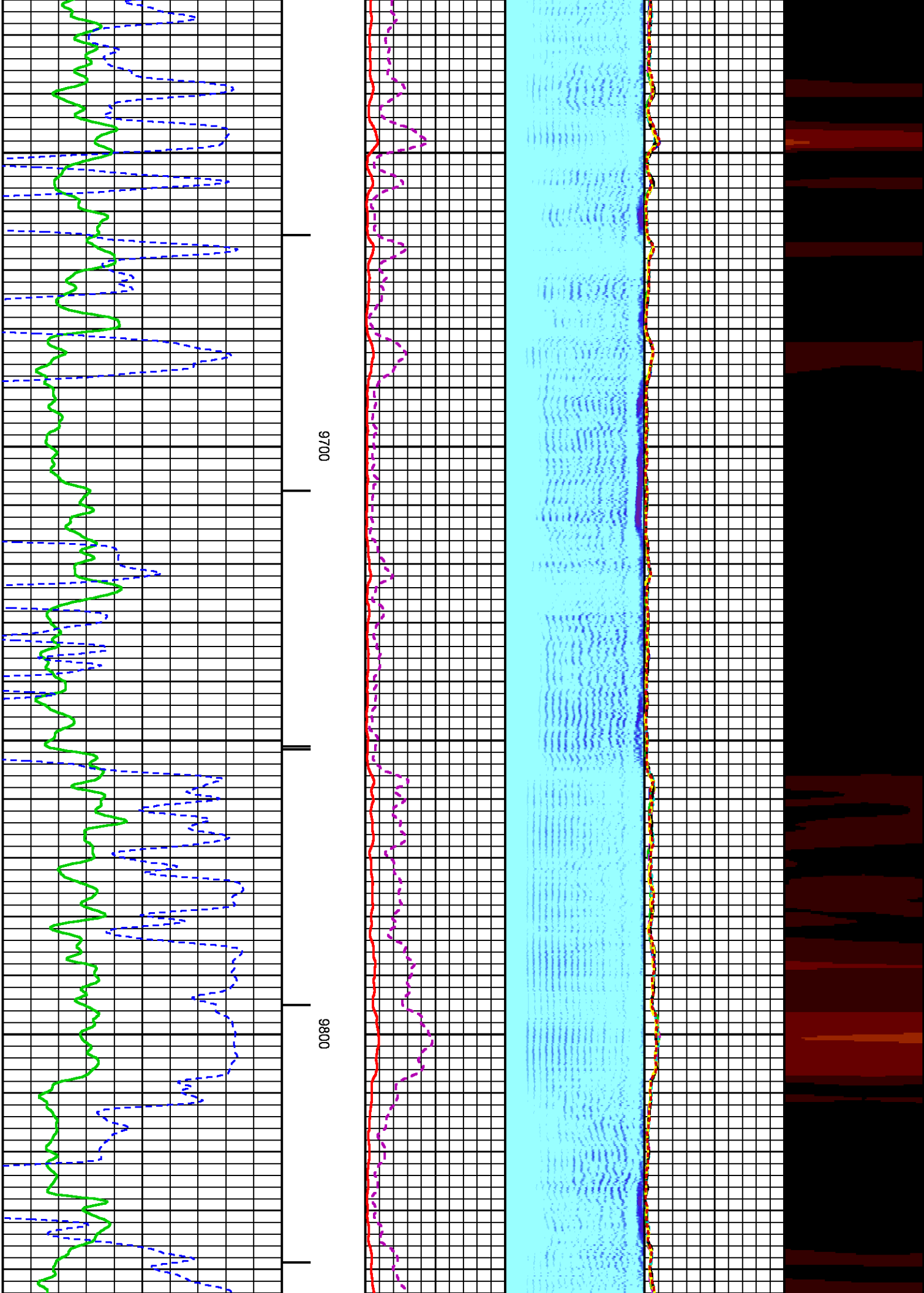


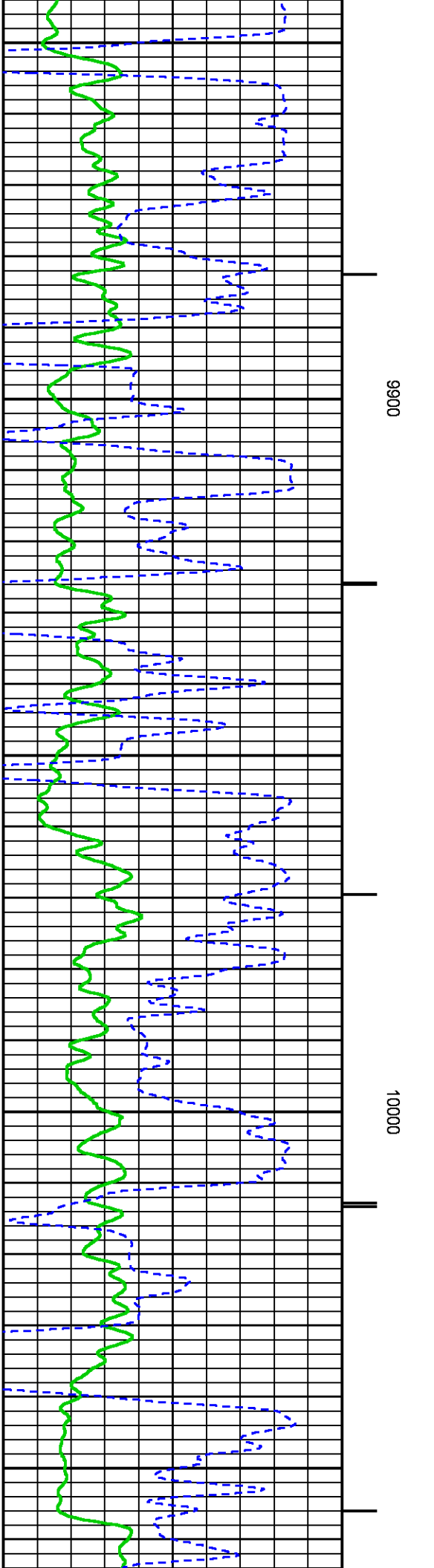
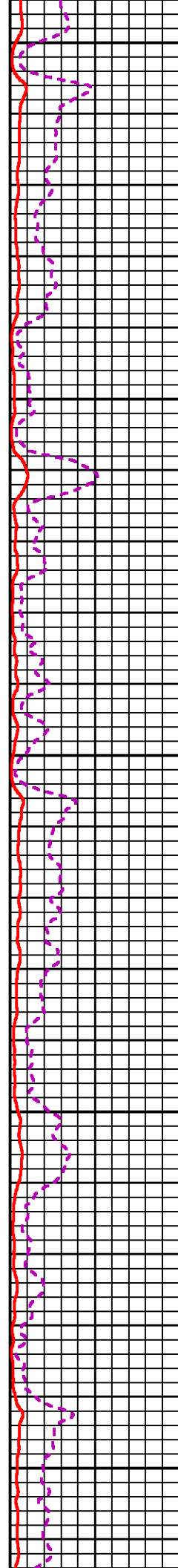
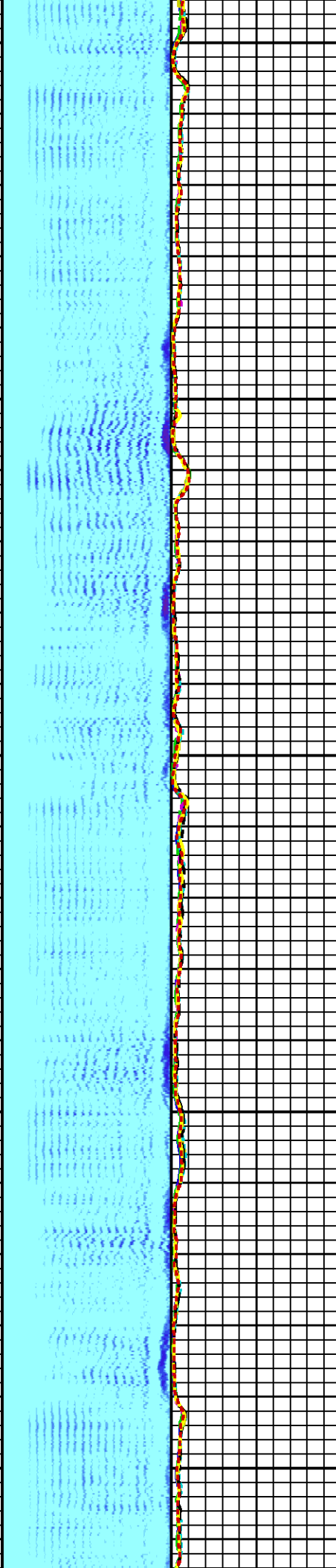
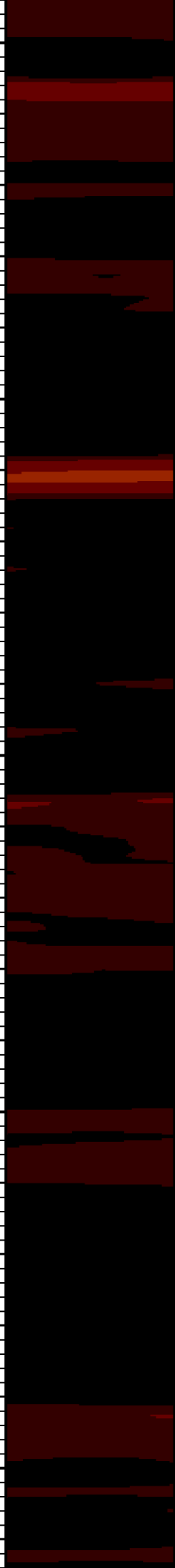


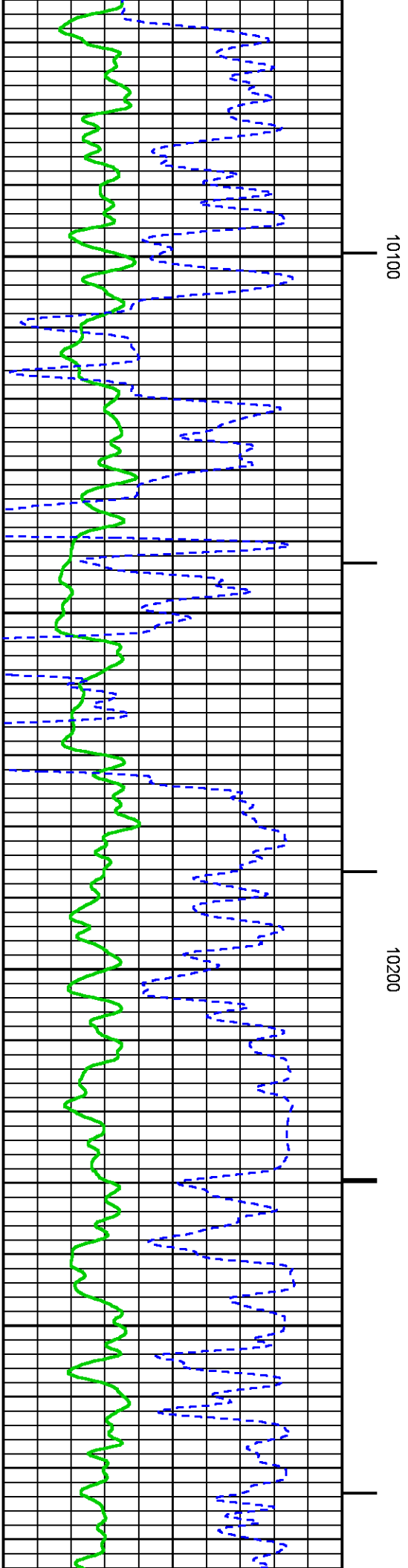
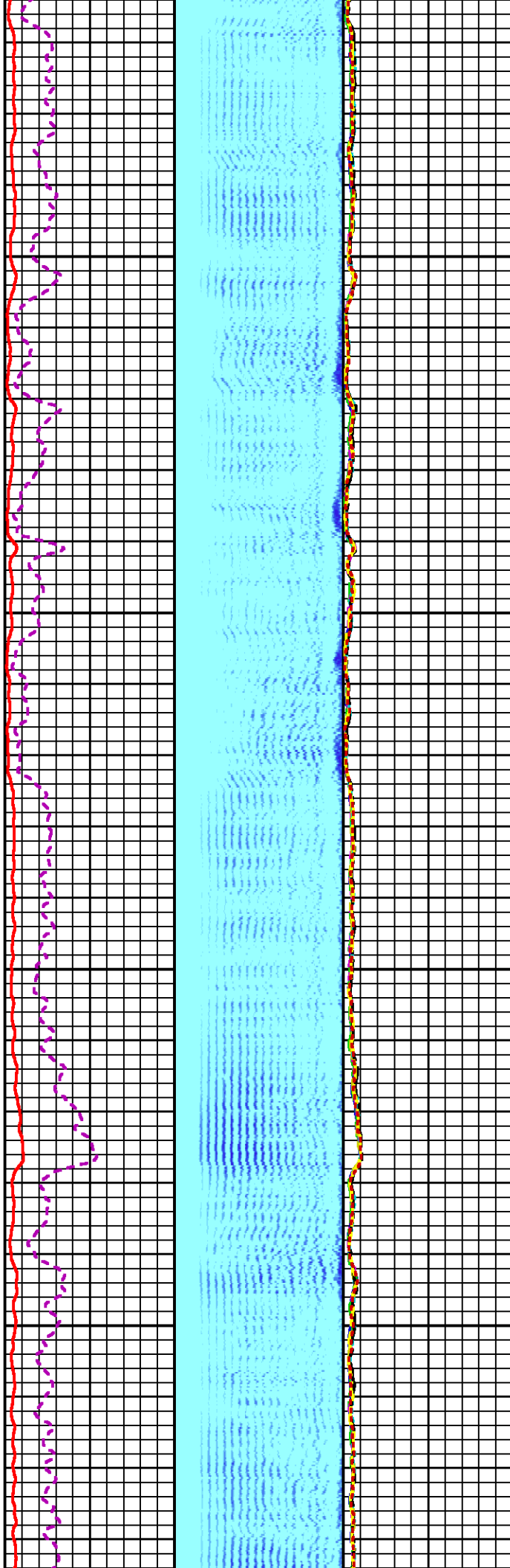
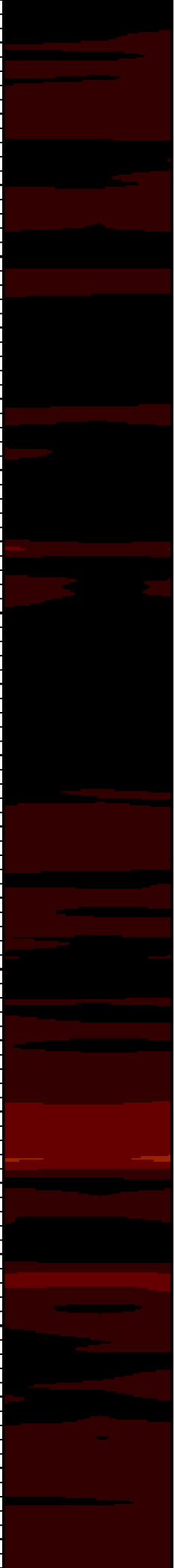


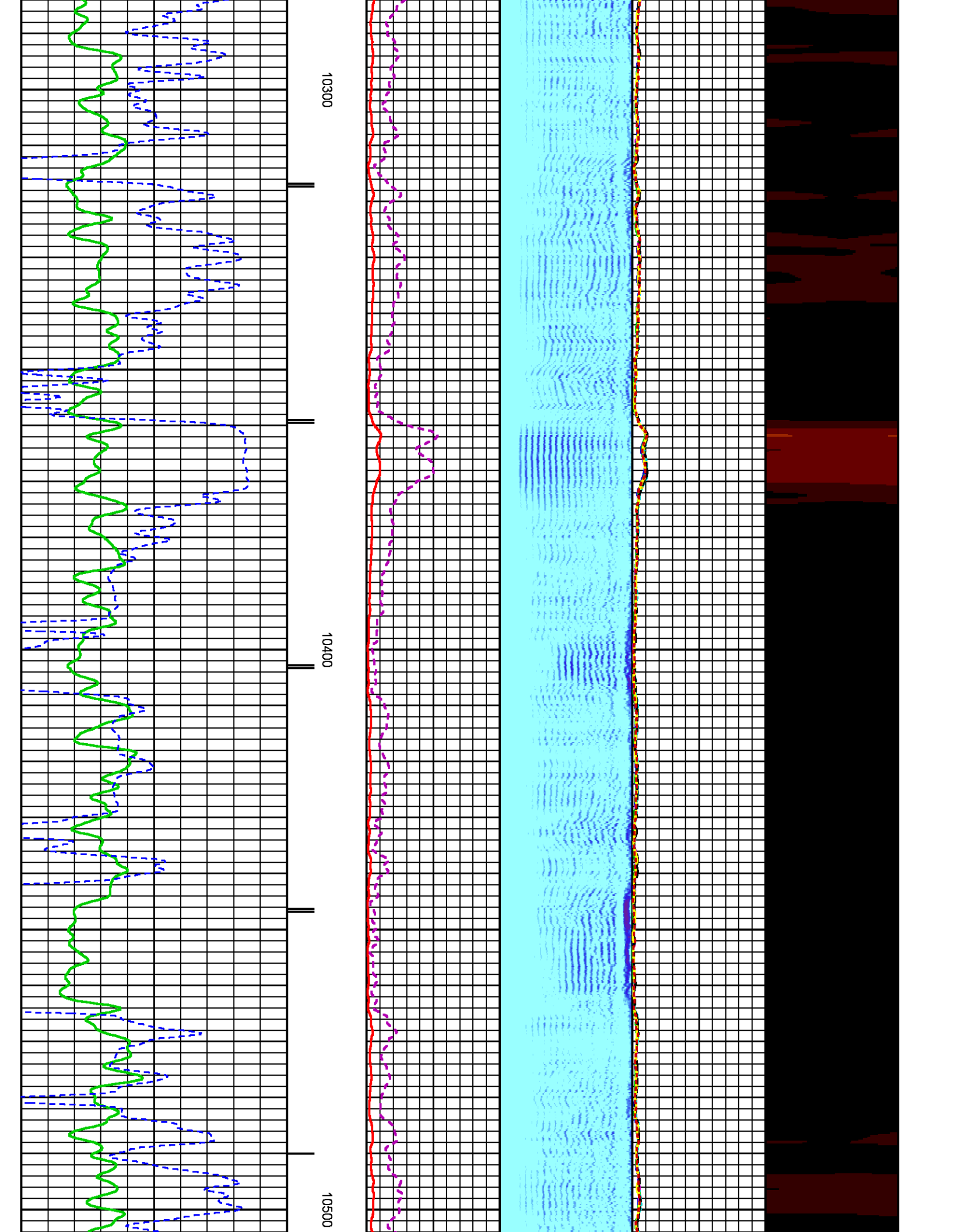


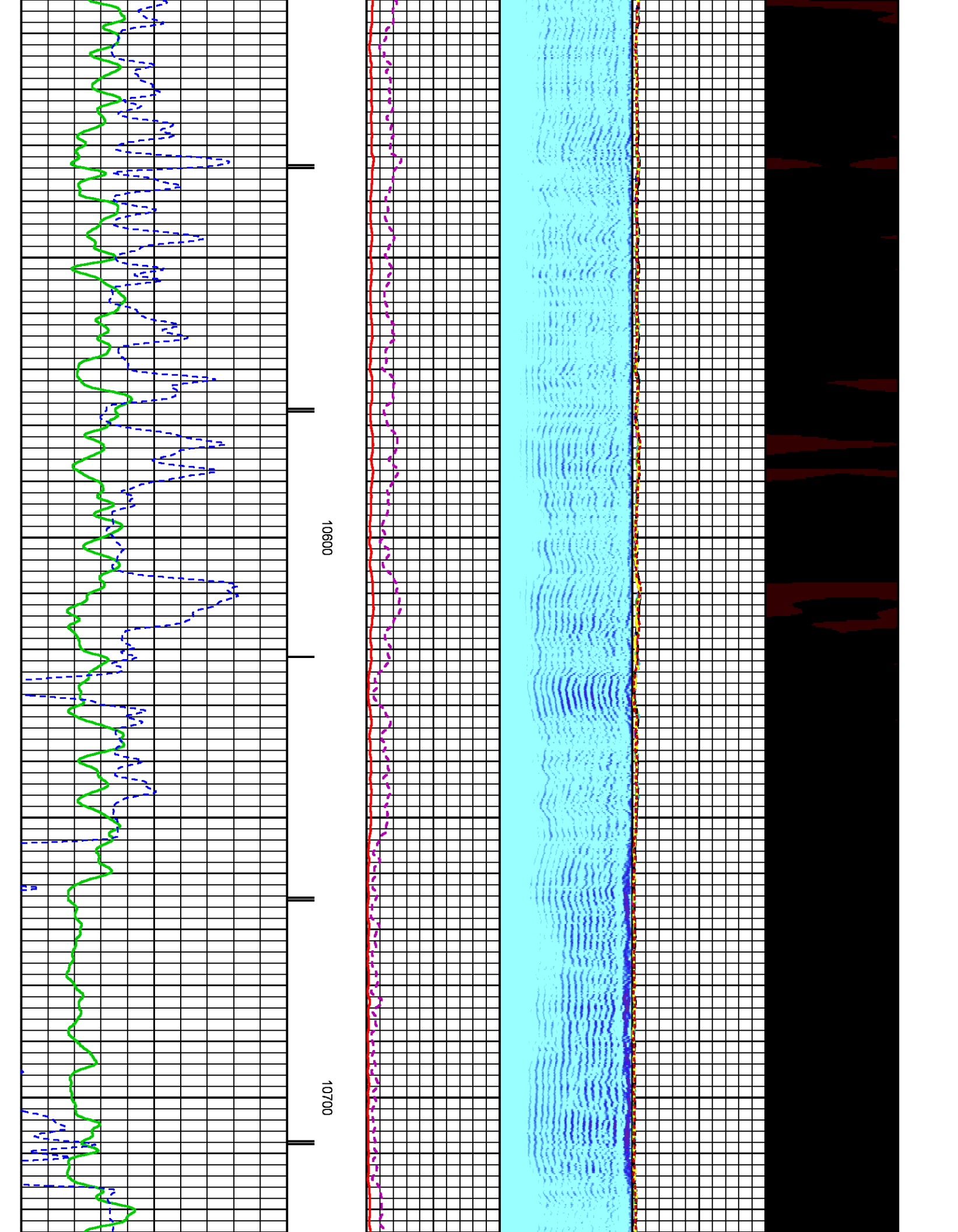


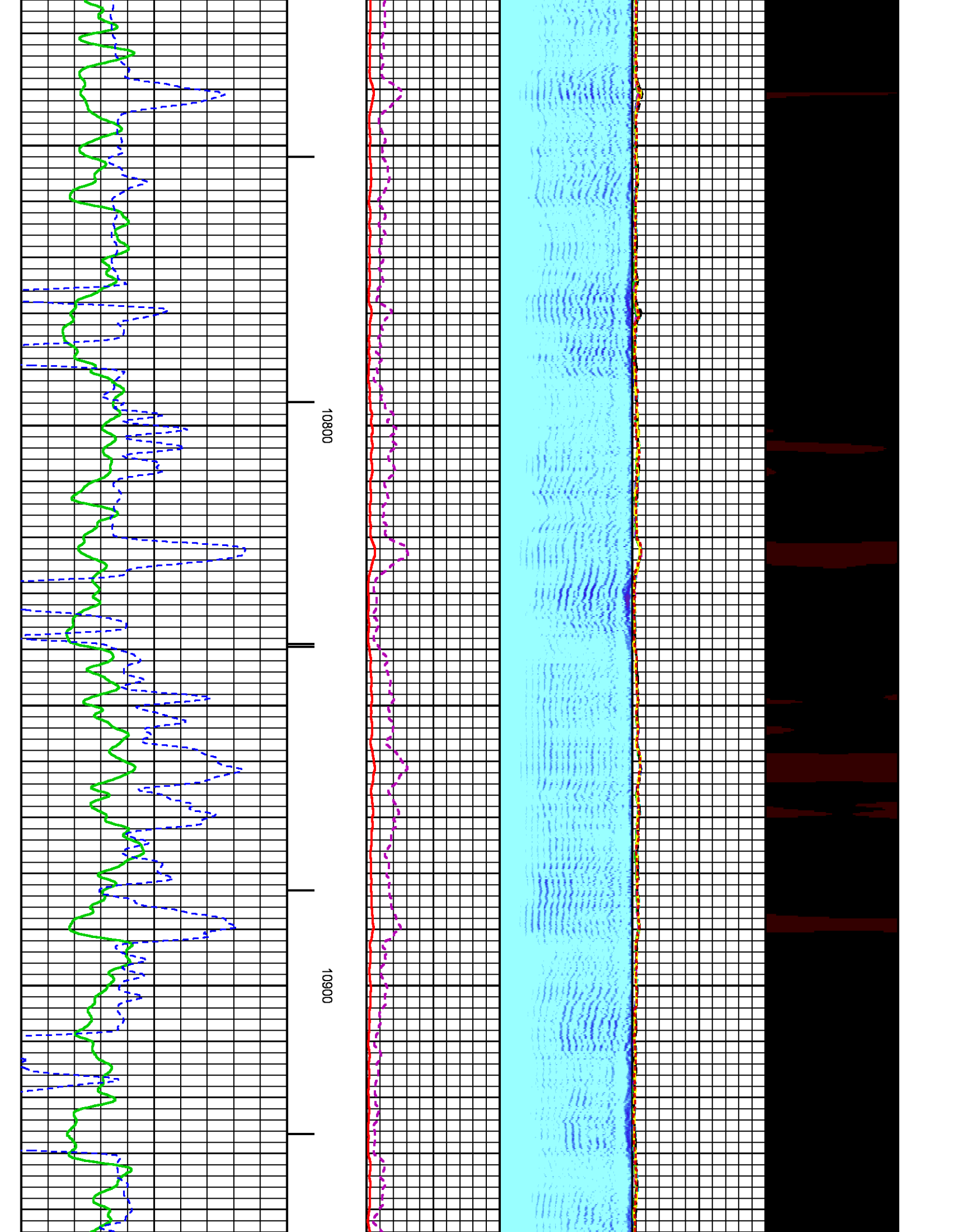


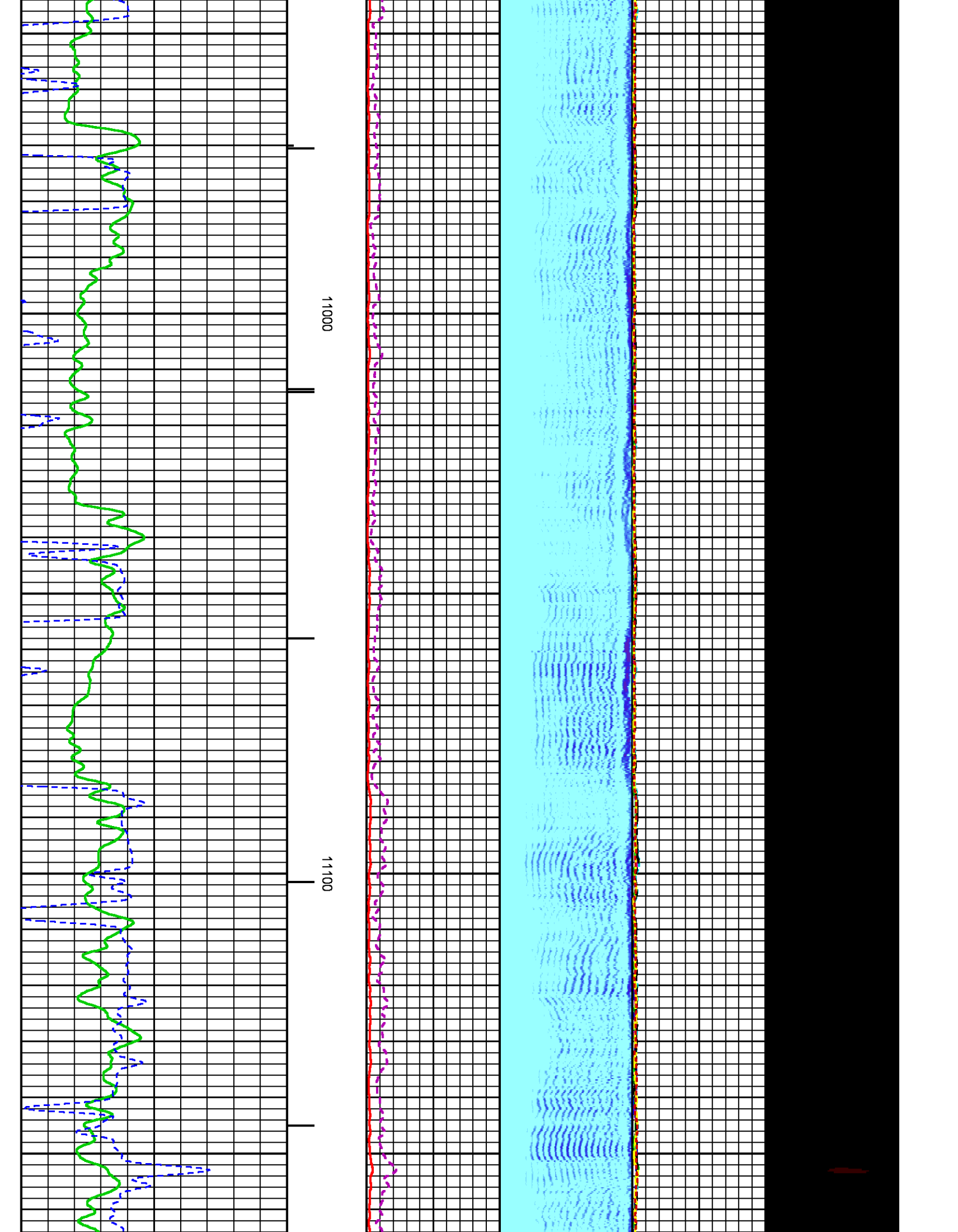


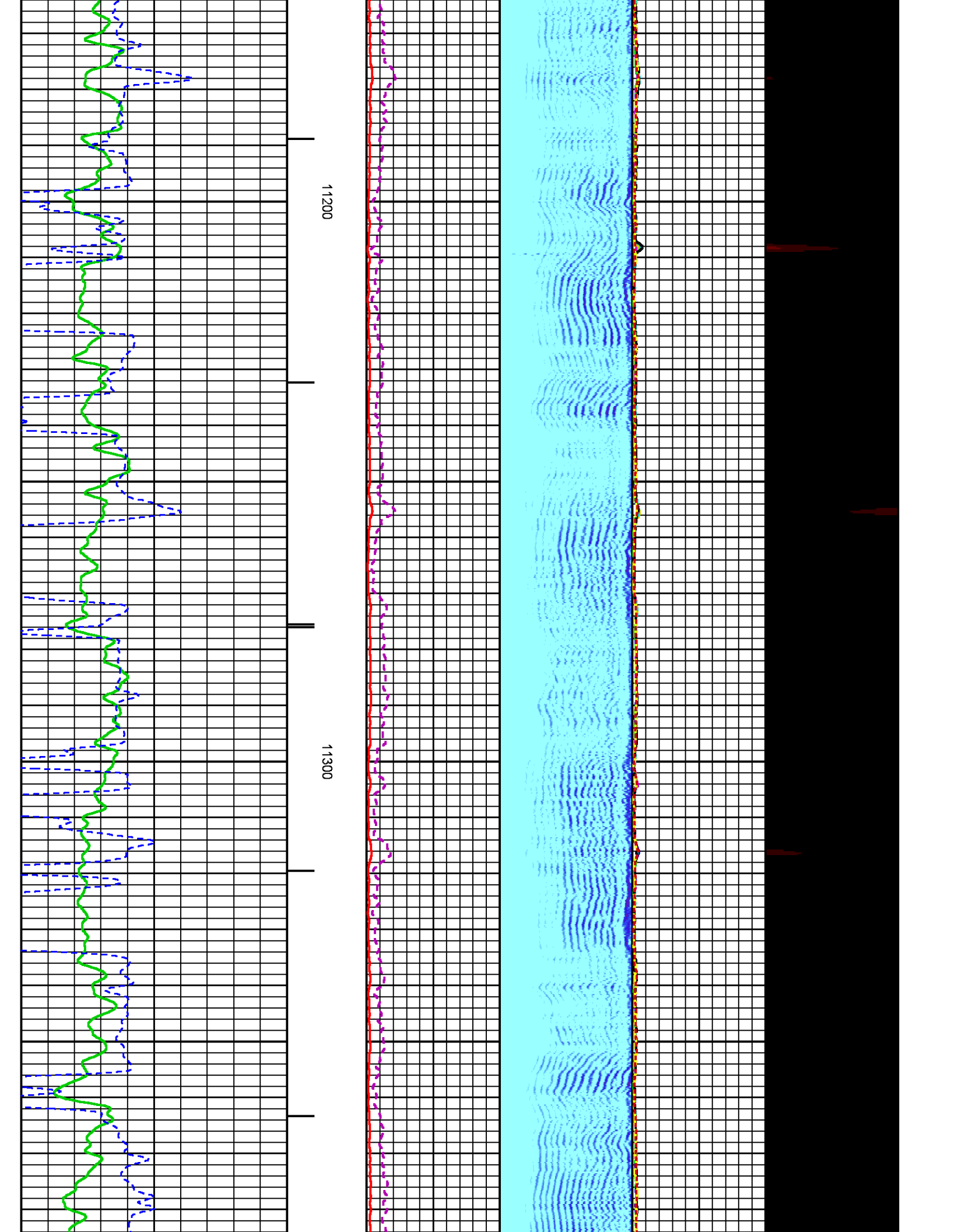


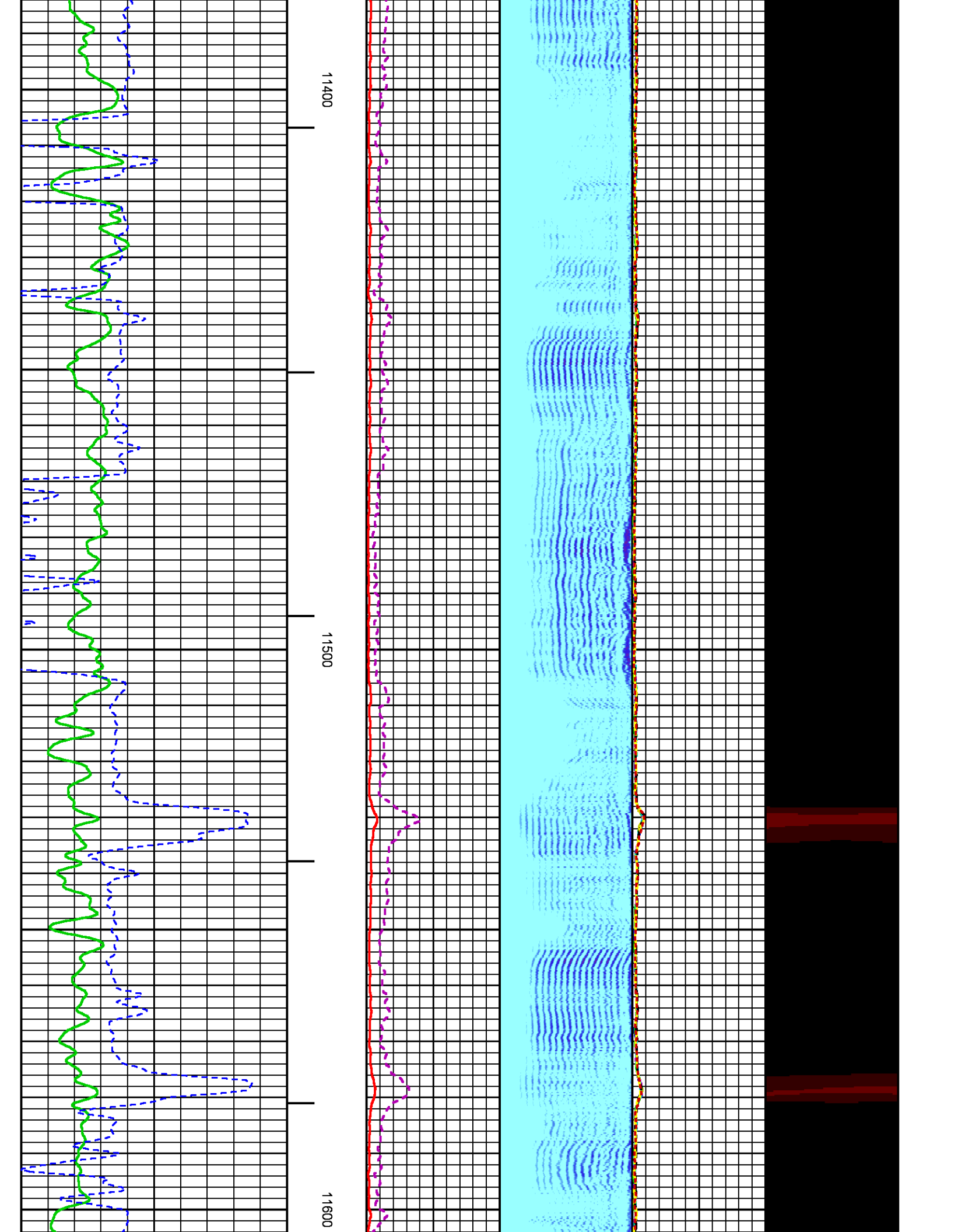


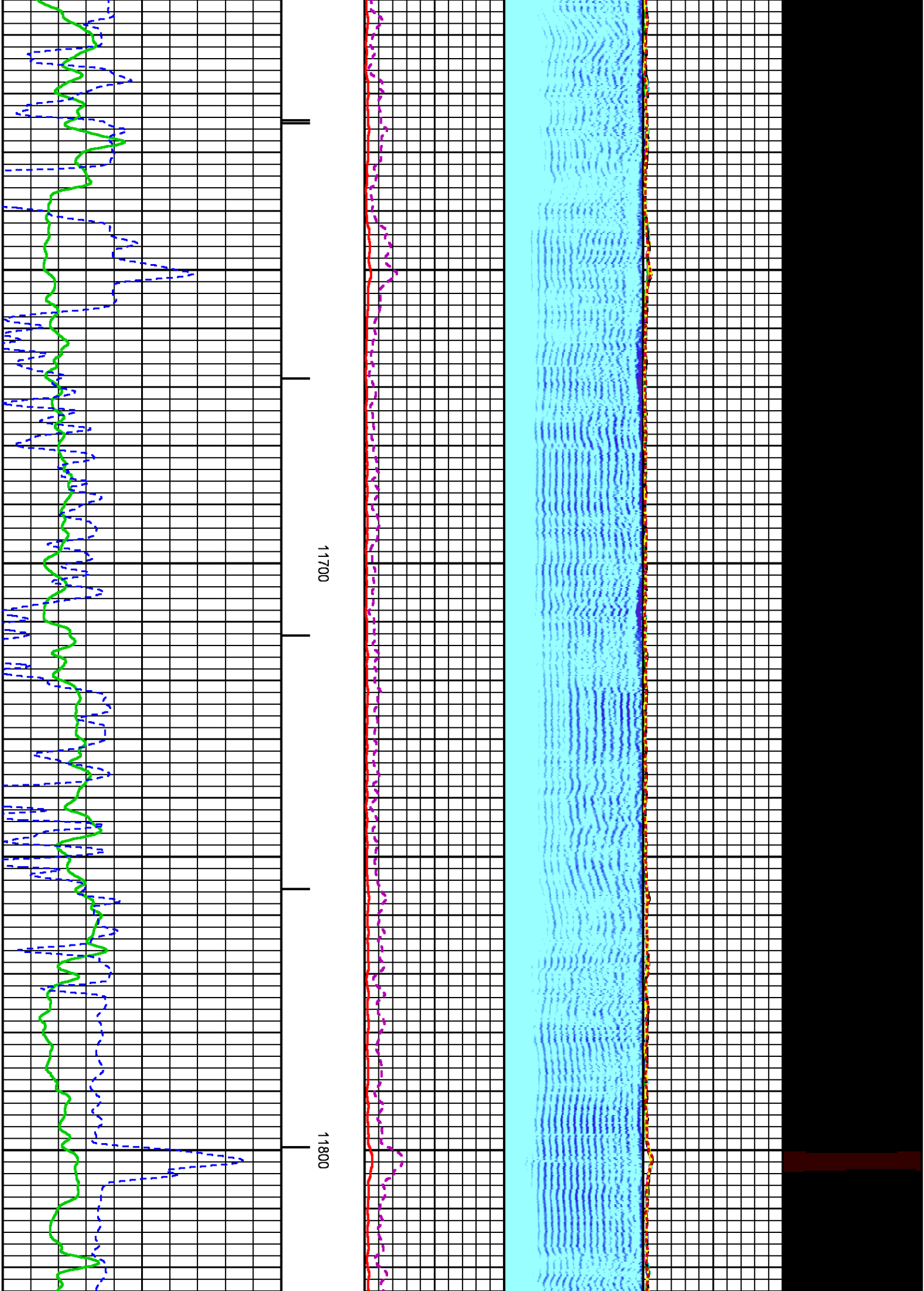


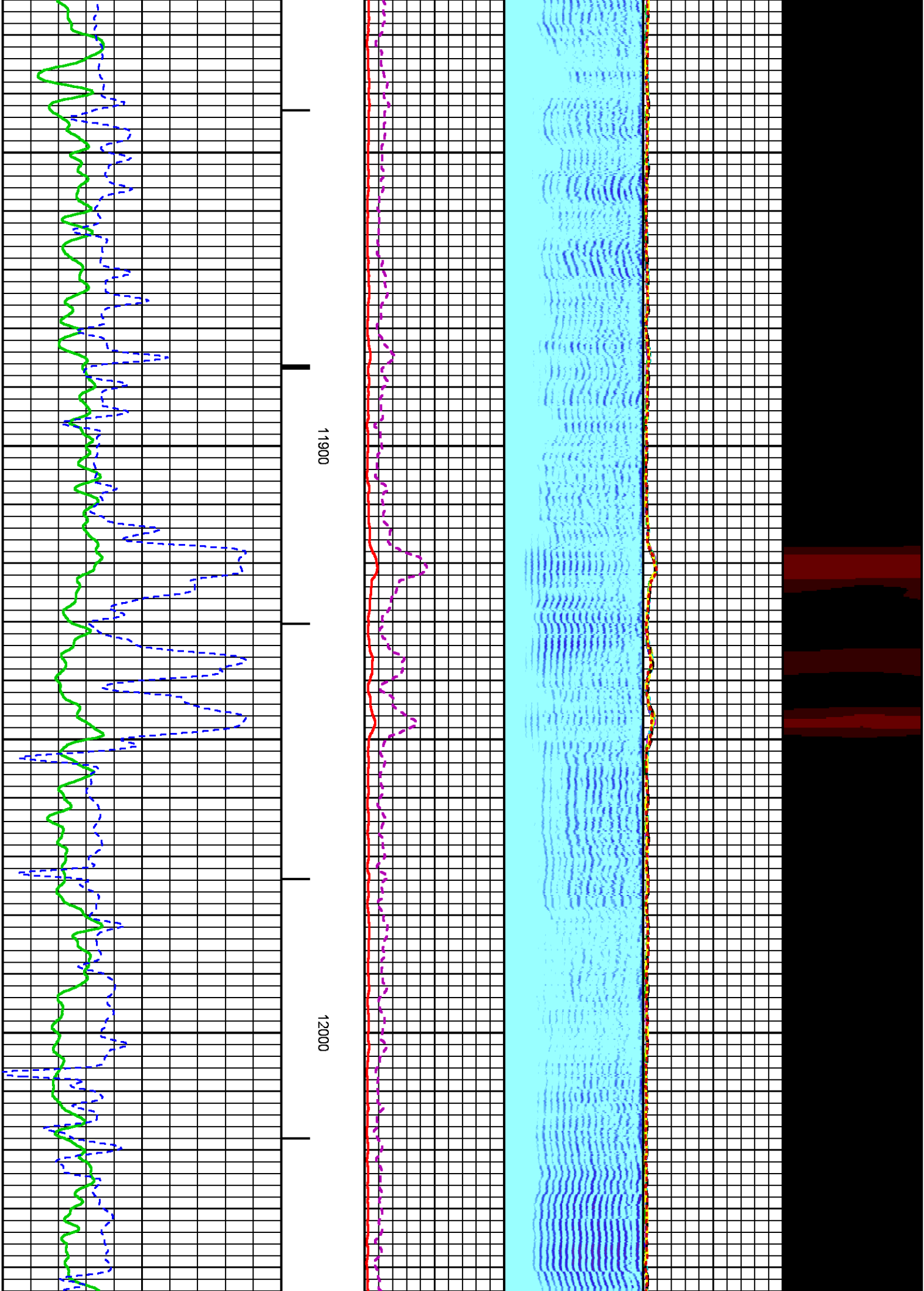


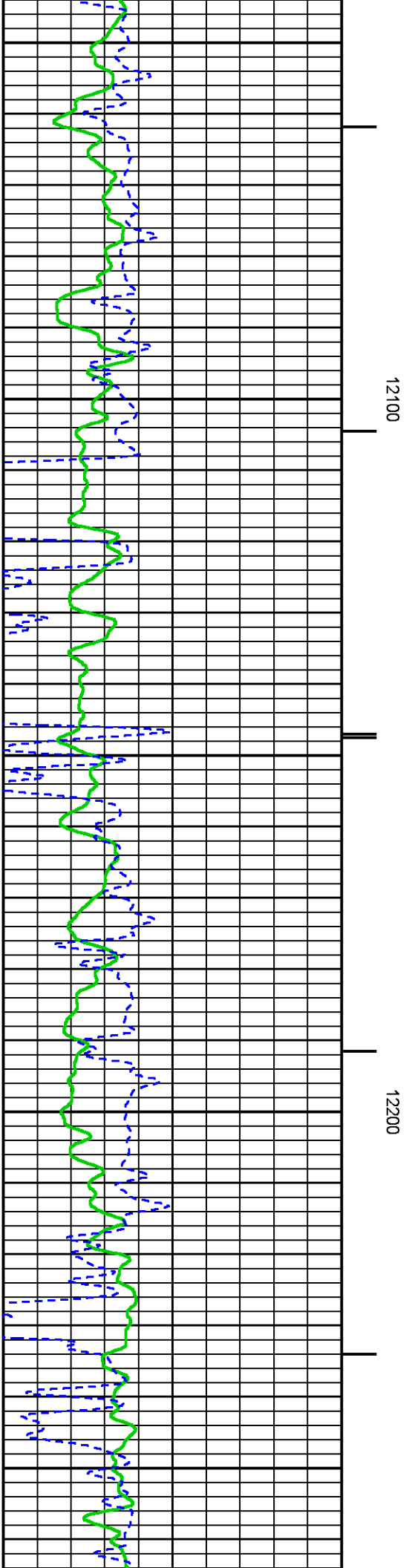
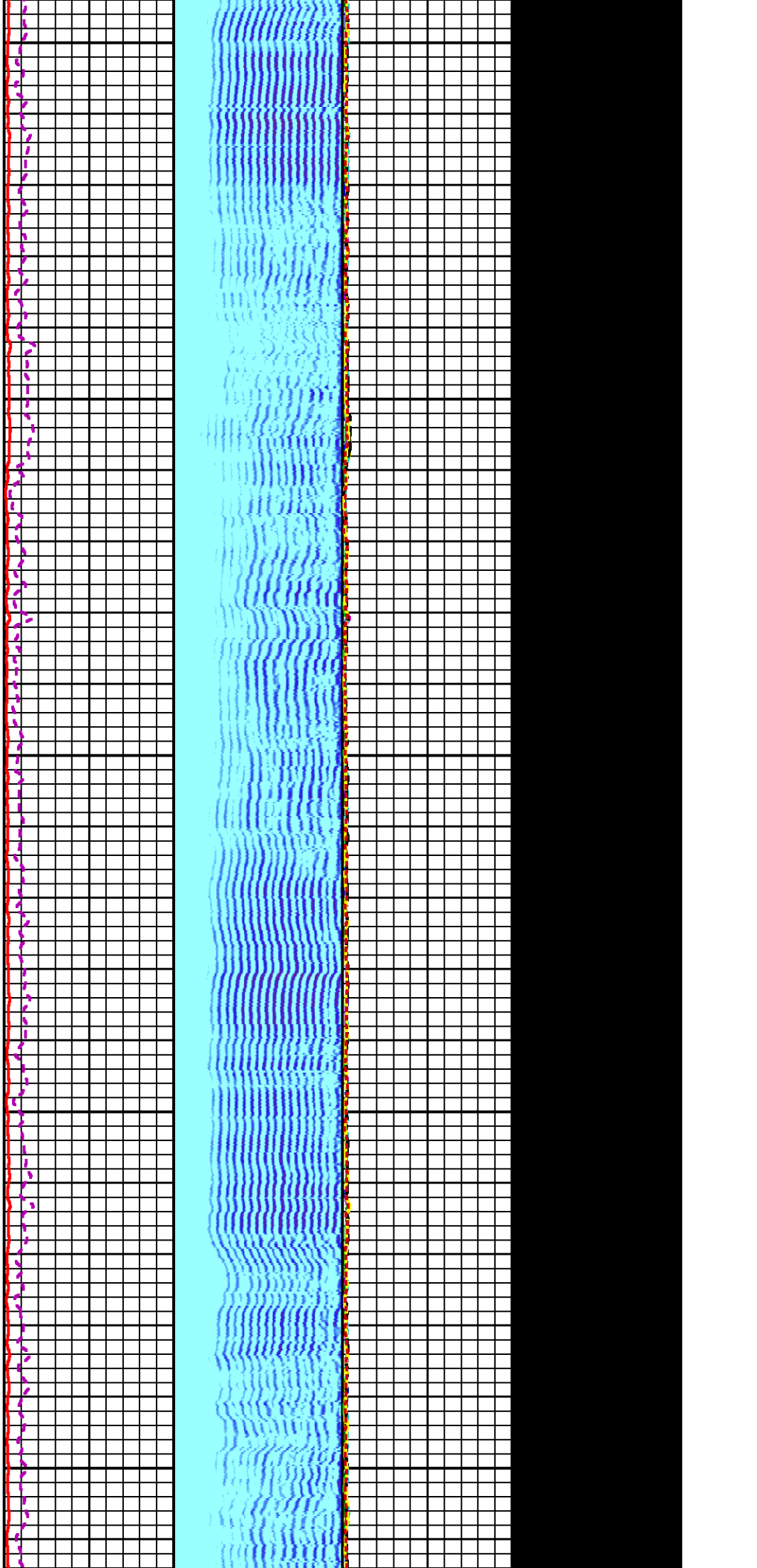


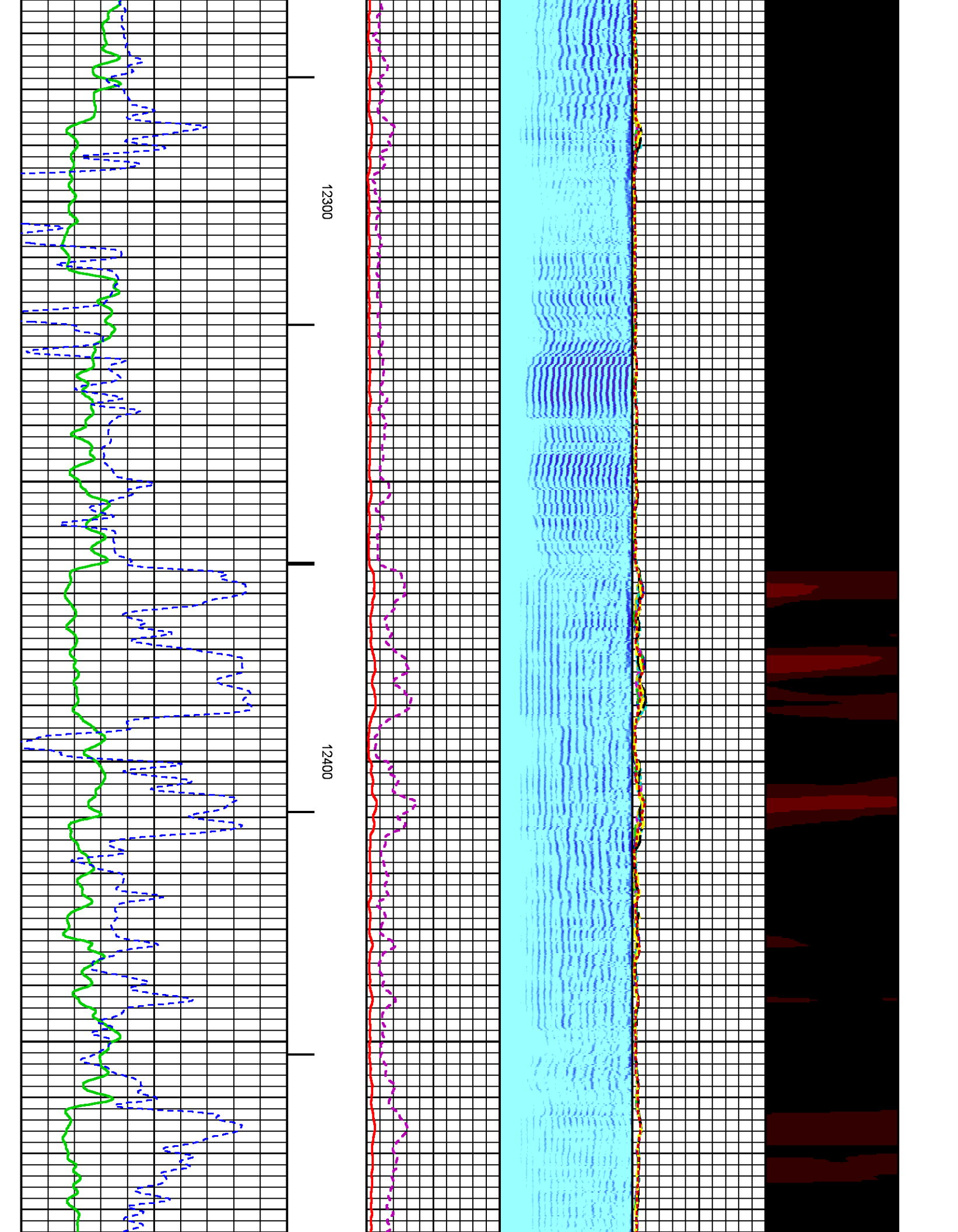


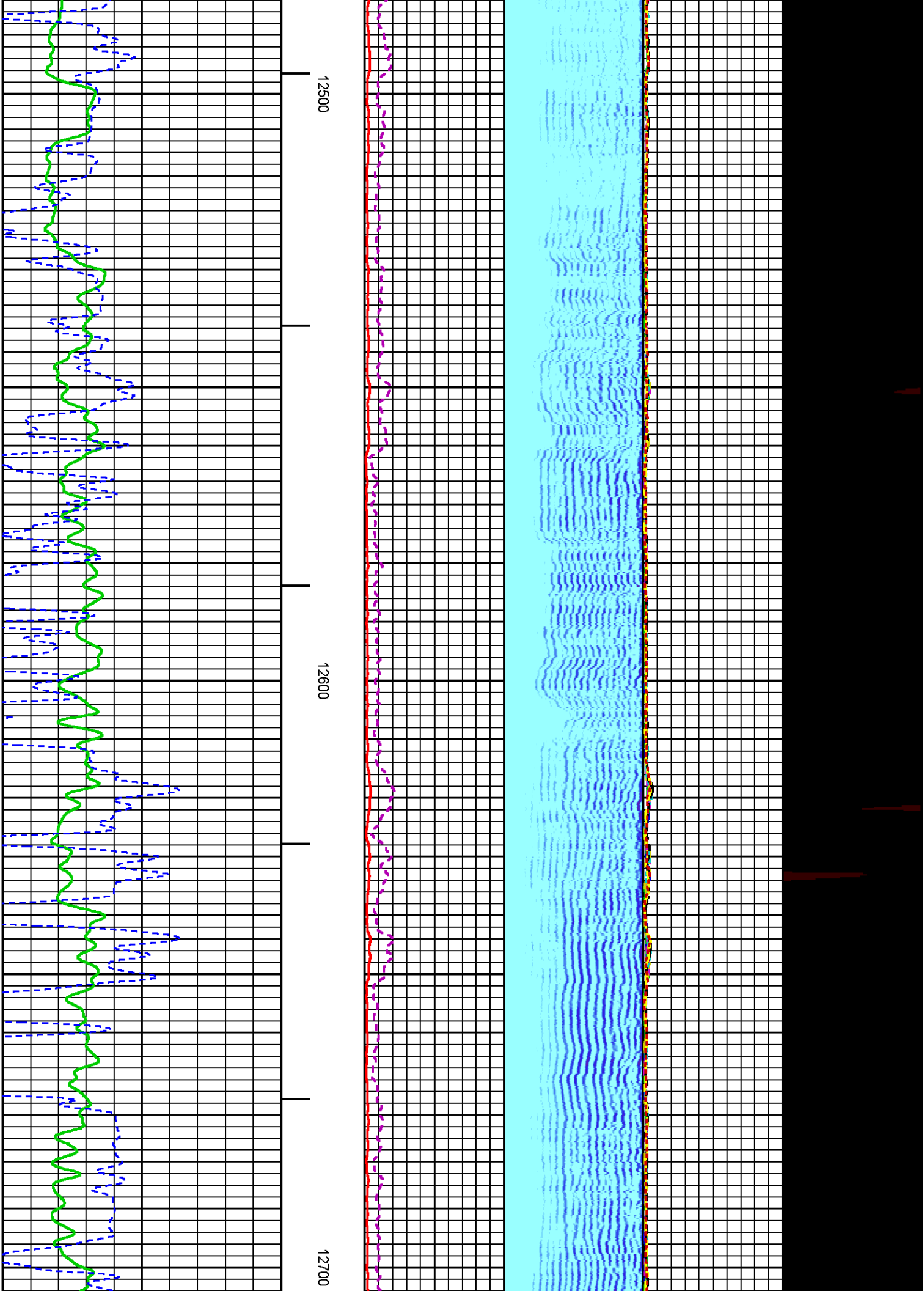


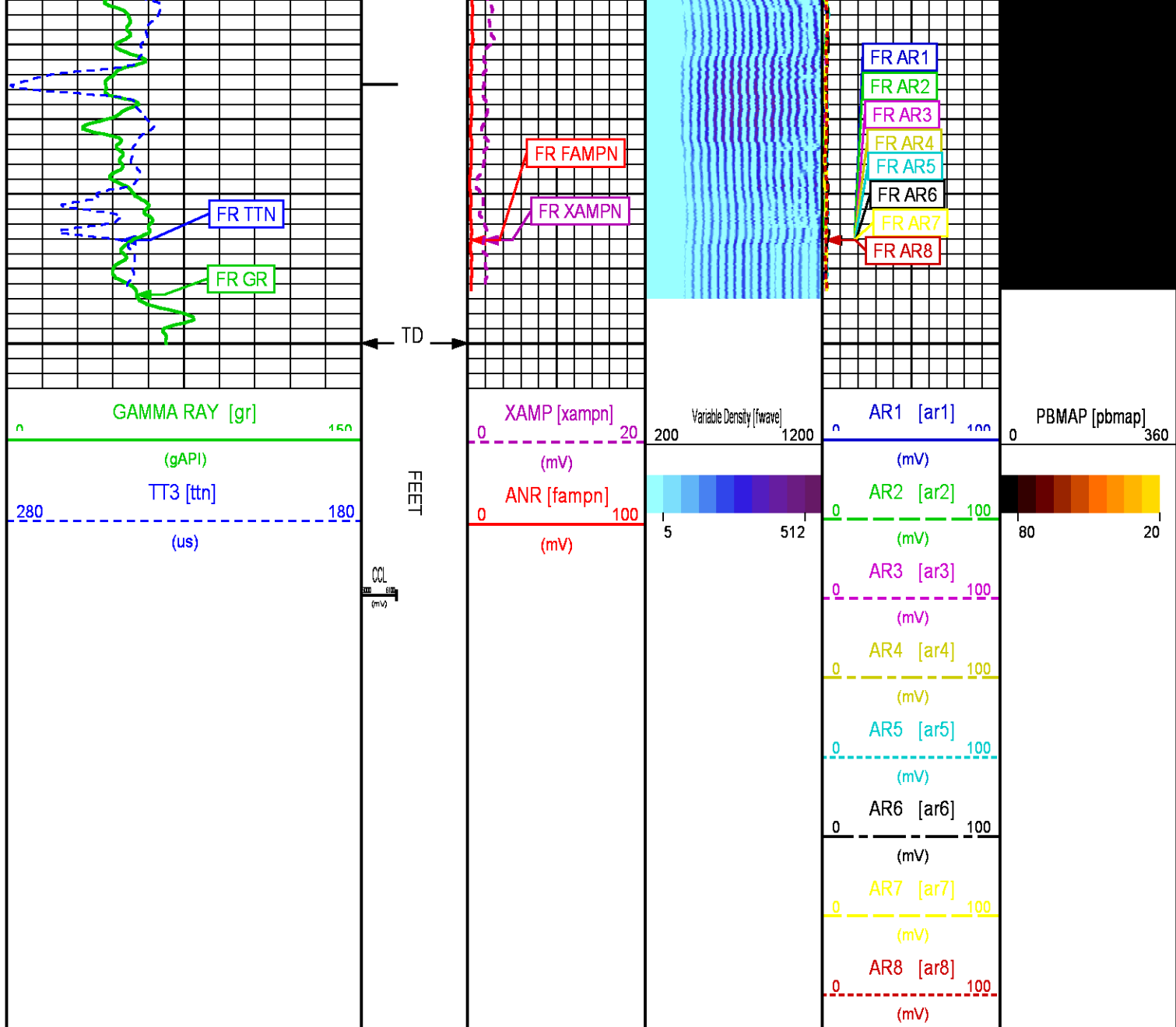












REPEAT LOG 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1 Patches: 7

Plotted: Thu May 28 14:43:53 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096704/n012e01.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 12467.250 ft BOTTOM DEPTH: 12789.250 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
GR	FILTER ()	medium (1)		TOP BOTTOM

AMPLITUDE	FILTER ()	medium (1)	"	"
TRAVEL TIME	FILTER ()	medium (1)	"	"

RAL CCL PROCESSING

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

ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	187	us	TOP BOTTOM
	AMP WINDOW LENGTH	25	us	" "
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	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*)	-70	us	" "
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	" "
	NOISE WINDOW LENGTH	25	us	" "

CURVE DESCRIPTION REPORT

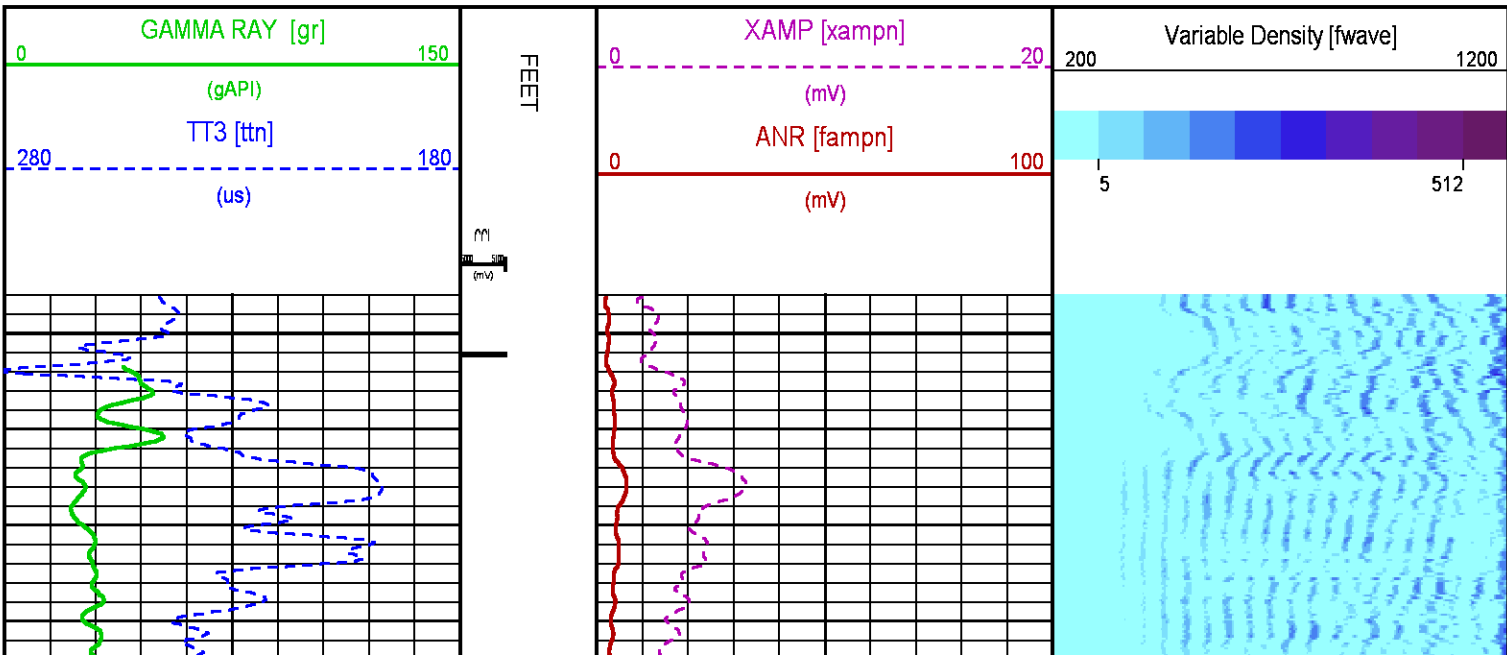
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	May 26 09:25:26 2015	CASING COLLAR LOCATOR
F1:FAMPN	May 26 09:25:26 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	May 26 09:25:26 2015	FAR WAVE FORM
F1:GR	May 26 09:25:26 2015	GAMMA RAY
F1:TTN	May 26 09:25:26 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	May 26 09:25:26 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

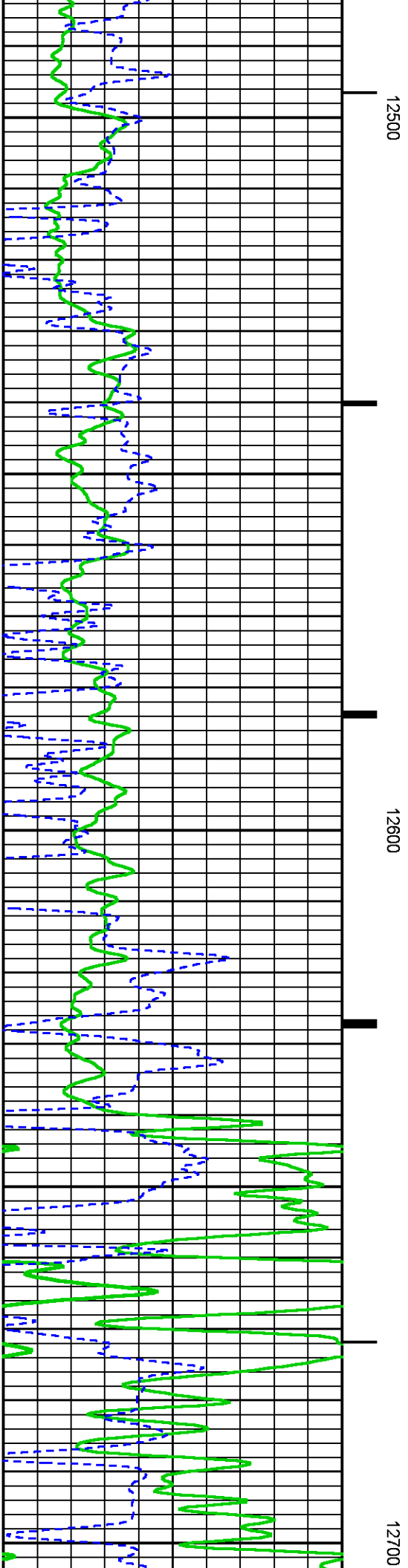
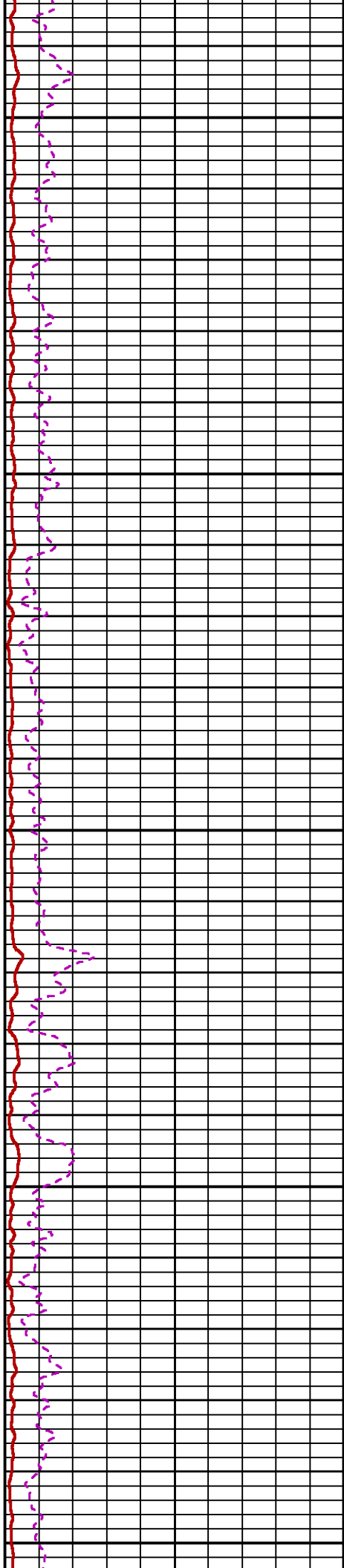
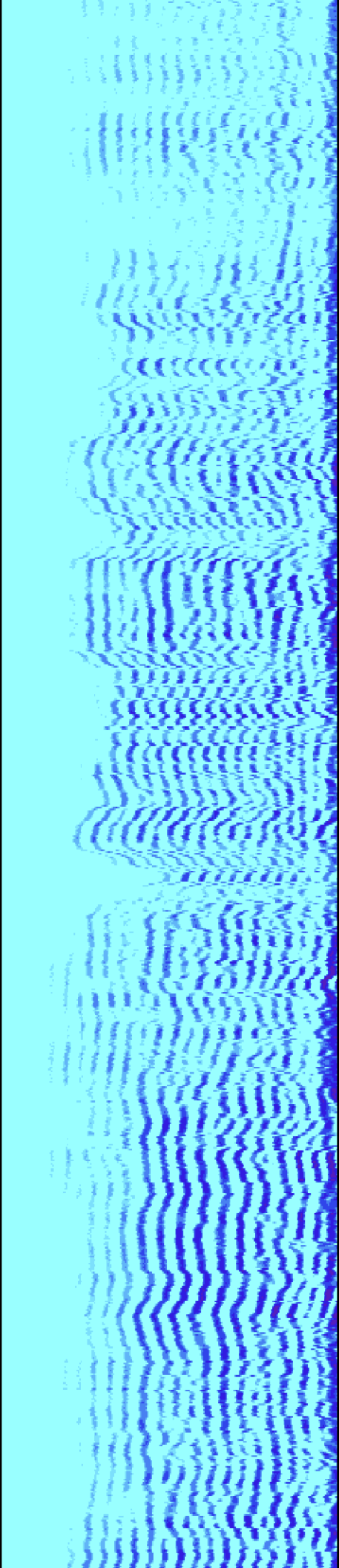
CURVE MEASURE POINT OFFSET

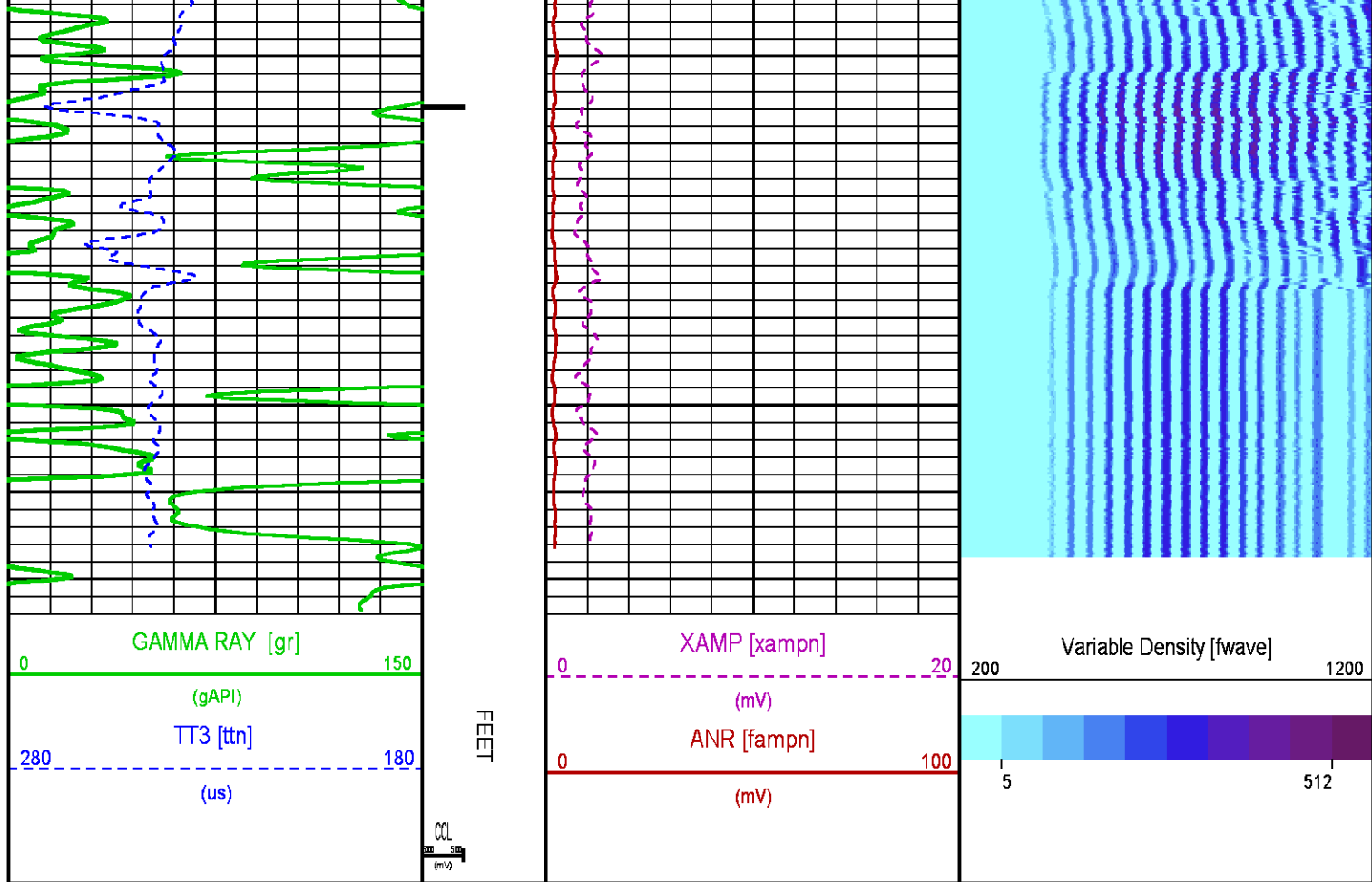
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

Presentation : cas6685:/dat1a/CH096704/REPEAT_ral_cbl.fvpdf [5"/100' Scale]
Plot Interval : 12454 - 12787.8 Feet

Data File 1 : F1 : cas6685:/dat1a/CH096704/n012e01_REPEAT.xtf
Created On : May 26 09:25:26 2015
Company : WPX ENERGY
Well : FEDERAL RGU 44-26-198
Field : SULPHUR CREEK
File Interval : 12453 - 12789.2 Feet
OCT : n012e







CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH096704/n012e.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10417452

DATE/TIME PERFORMED: Tue May 26 08:31:06 2015

UNIT #: 3885TC 6685

	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)	-0.08	0.06	-0.08	-0.03	0.02	-0.03	-0.11	0.00	0.01	0.38	0.03
AMP FLUID (mV)	115	115	115	114	114	114	115	114	114	160	113
TT (us)	215	214	215	215	215	215	214	213	215	324	214

M FACTOR

0.87

0.87

0.87

0.87

0.87

0.87

0.87

0.88

0.87

0.94

0.88

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10417452

DATE/TIME PERFORMED: Tue May 26 08:32:22 2015

DAYS SINCE CAL: 0

UNIT #: 3885TC 6685

CABLE #: 6685LG 53420-C1

	NEAR (mV)	R1 (mV)	R2 (mV)	R3 (mV)	R4 (mV)	R5 (mV)	R6 (mV)	R7 (mV)	R8 (mV)	FAR (mV)	CAL (mV)
ZERO	0.03	0.04	0.07	0.01	-0.02	0.03	-0.03	-0.08	-0.03	0.06	-0.02
AMP AIR	1.01	0.65	0.69	0.91	0.95	1.43	1.40	0.77	0.90	0.89	100.07

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
0.88	0.00	1.00

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 2459XA 10417457

DATE/TIME PERFORMED: Mon May 18 15:41:33 2015

UNIT #: 3885TC 6685

CALB JIG #: 4702NK VBA-905

	BACKGROUND (cts)	CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	86.84	335.29	248.4	0.403	34.96	134.96	100

GR PRIMARY VERIFICATION SUMMARY

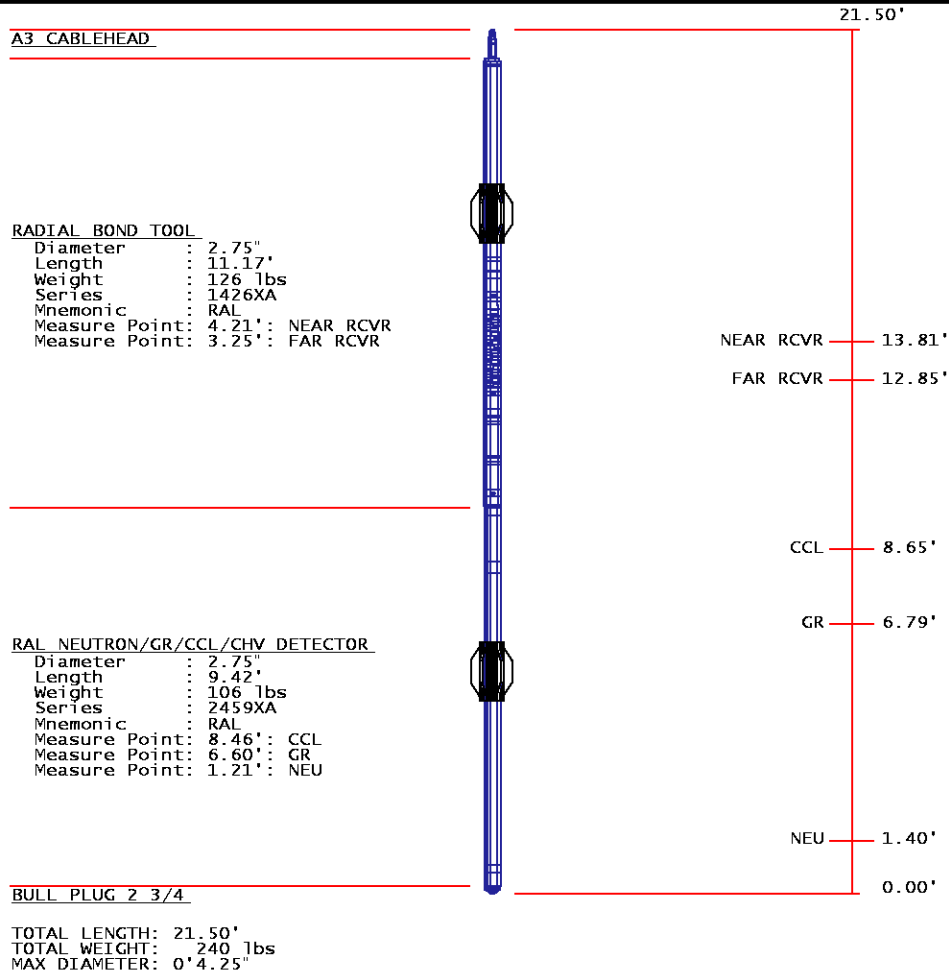
TOOL #: 2459XA 10417457

DATE/TIME PERFORMED: Mon May 18 15:43:36 2015

UNIT #: 3885TC 6685

VERI JIG #: 4702NK VBA-905

	BACKGROUND (cts)	CALBRTR ON (cts)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	85.87	340.67	0.403	34.56	137.12	102.56
						90.00 110.00



COMPANY WPX ENERGY

WELL FEDERAL RGU 44-26-198

FIELD SULPHUR CREEK

COUNTY RIO BLANCO **STATE** COLORADO

FILE NO: CH096704

API NO: 05103119820000

LOCATION:

SHL: 2460' FNL 905' FEL

BHL: 1089' FSL 17' FEL

SEC 26 TWP 1S RGE 98W

ELEVATIONS:

KB 6646 FT

DF

GL 6622 FT

DATE 26-May-2015

SEC 26 T1S R98W

44-26-198

H&P 318