



1:240

RWD
Resistivity

MD Log

Country : **USA**
Field : **Wattenburg**
Location : **40.656490**
 : **-104.134442**
Well : **Ross 8-60 18-7-8**
Company : **Bison Oil & Gas**
Rig : **140**

Company : **Bison Oil & Gas**
Rig : **140**
Well : **Ross 8-60 18-7-8**
Field : **Wattenburg**
County/Parish : **Weld**
State/Province : **Colorado**
Country : **USA**
Well ID : **05-123-51393**

LOCATION

Latitude : **40.656490**
Longitude : **-104.134442**
Briggsdale
Sect: **18** Twp: **8N** Range: **60W**

Other Services:

Permanent Datum : **MSL**
Log Measured From : **RKB**

Elevation: **0**

Elev. KB : **4977**
DF : **4977**
GLWD : **4953**

Depth Logged : **0** to : **6328**
Date Logged : **05/19/2022** to : **05/21/2022**
Total Depth MD : **15929.00** TVD : **6463.2**
Spud Date : **05/17/2022**

FIELD PRINT

Job Number:
ROSS 8-60 18-7-8

Run		Borehole Record (MD) Size From To		Run		Borehole Record (MD) Size From To	
1	13.5	60	1964				
2	8.5	1964	15929				
						Casing Record (MD) Size Weight From To	
						9.625	0
							1964

LOGGING SUMMARY

Log Run	1				
Bit Run	1				
Hole Size (in)	8.50				
Sensor Suite	877				

Measured Depth

In Hole From	0				
In Hole To	15929				
Log From	.00				
Log To	6328.00				

Date/Time

In Hole Date	2022-05-18				
In Hole Time	18:51:05				
Out Hole Date	2022-05-21				
Out Hole Time	05:21:33				
Begin Log Date	2022-05-18				
Begin Log Time	18:51:04				
End Log Date	2022-05-21				
End Log Time	05:21:32				
LWD Engineer	Stephen Lebel				
Oil Company Rep	Jose Torres				

DRILLING FLUID SUMMARY

Mud Type	OBM				
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Density (lb/gal)	9.70				
Funnel Viscosity	55				
Plastic Viscosity	20				
Chlorides	45000				
Oil/Water Ratio	82 / 18				
Maximum Circ Temp (F)	204				

CORRECTIONS					
Log Run	1				
Bit Run	1				
Start Date/Time	2022-05-18 18:51:01				
Start Depth (ft)	0				
End Date/Time	2022-05-21 05:21:18				
End Depth (ft)	6328				

Gamma Ray Corrections					
Collar Correction	2.228				
Mud Density (lb/gal)	12				
Mud Correction	1.561				
Calibration	1.35				
%K	0				

WPR Corrections					
Effective Hole Diam (in)	8.5				
Surface Rm (ohm-m)	1000				
Surface Mud Temp (F)	75				
Bottom Hole Circ Temp (F)	204				
Rm @ BHT	387.755				

EQUIPMENT					
Log Run	1				
Bit Run	1				
Start Date/Time	2022-05-18 18:51:05				
Start Depth (ft)	0				
End Date/Time	2022-05-21 05:21:33				
End Depth (ft)	15929				

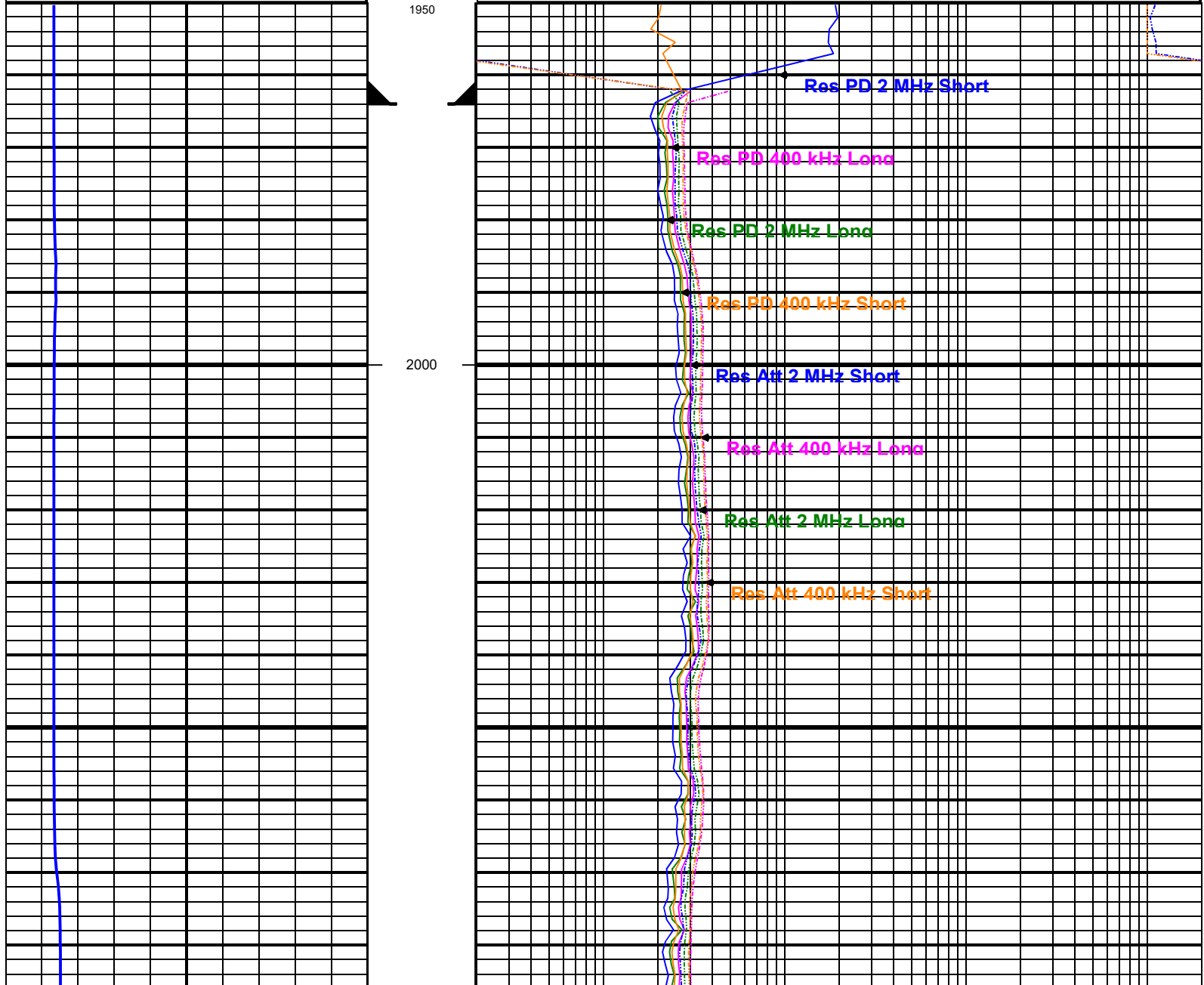
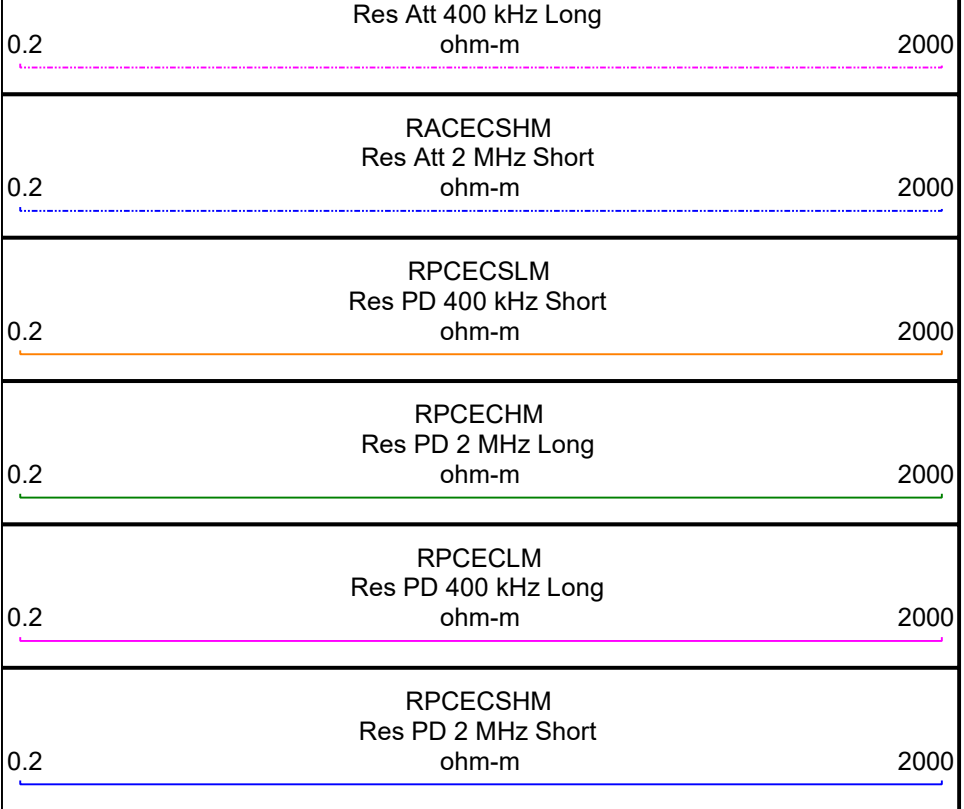
Serial Numbers					
Surface Gear					
Flow Sub					
Pulser					
Battery 1					
Battery 2					
Turbine Alternator					
Directional Sensor					
Gamma Sensor					

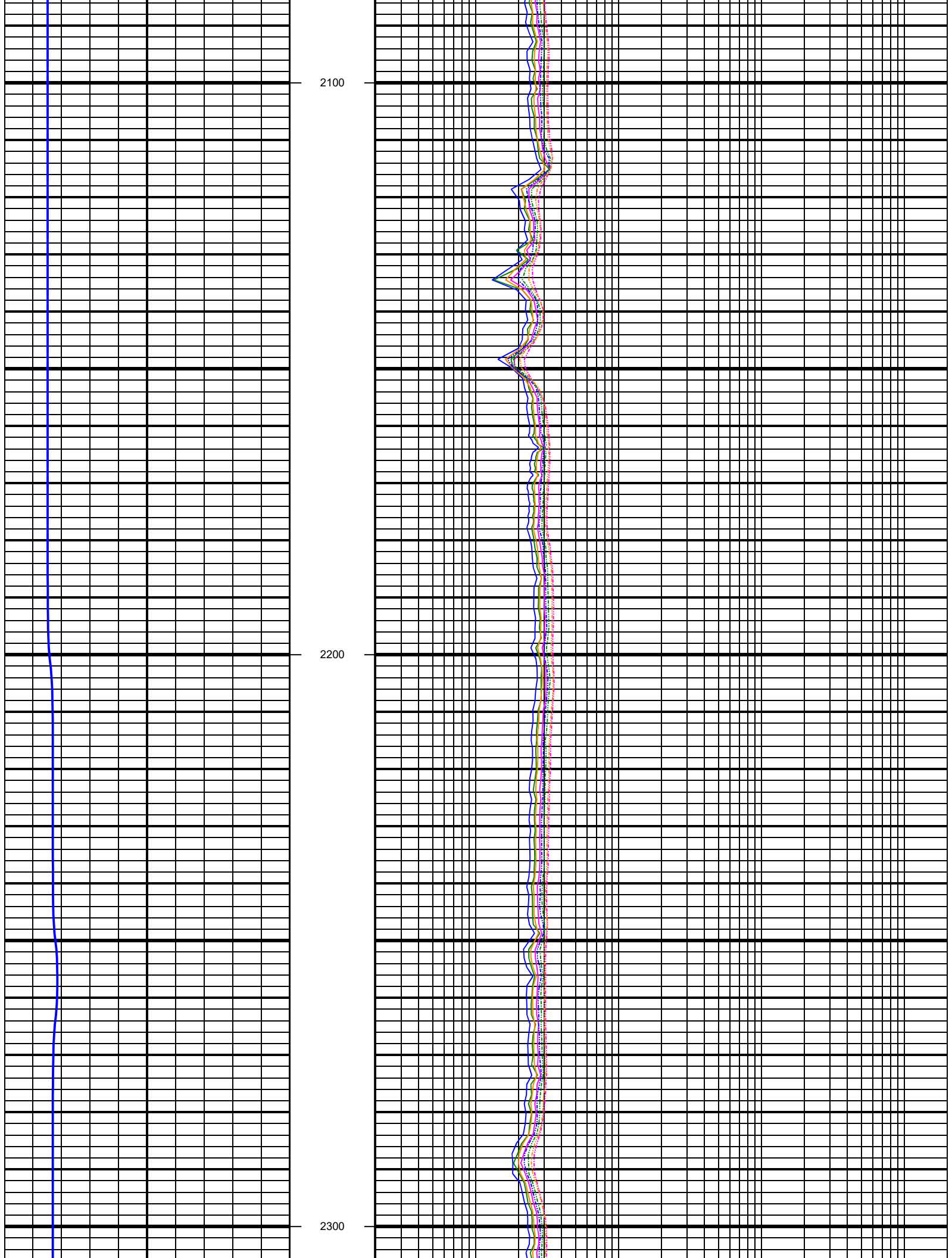
WPR Sensor	877				
Vibration Sensor					
Sensor Offsets To Bit					
Directional (ft)					
Gamma Ray (ft)					
WPR (ft)	9601.06				
PWD (ft)					
Vibration (ft)					
MUD DATA					
Log Run	1				
Bit Run	1				
Start Date/Time	2022-05-18 18:51:05				
Start Depth (ft)	0				
End Date/Time	2022-05-21 05:21:33				
End Depth (ft)	15929				
Mud Properties					
Mud Depth	15930.00				
Mud Type	OBM				
Density	9.70				
Chlorides	45000.00				
Plastic Viscosity	20.00				
Yield Point	7.00				
Filtrate	0.00				
pH	7.00				
Oil/Water Ratio	82 / 18				
Sand Content	0.00				
Solids Content	12.00				
Barite Content	0.00				
10 second Gel	0.00				
10 minute Gel	0.00				
LCM Type					
LCM Conc.	0.00				
Funnel Viscosity	55.00				
Max Circ Temp	204				

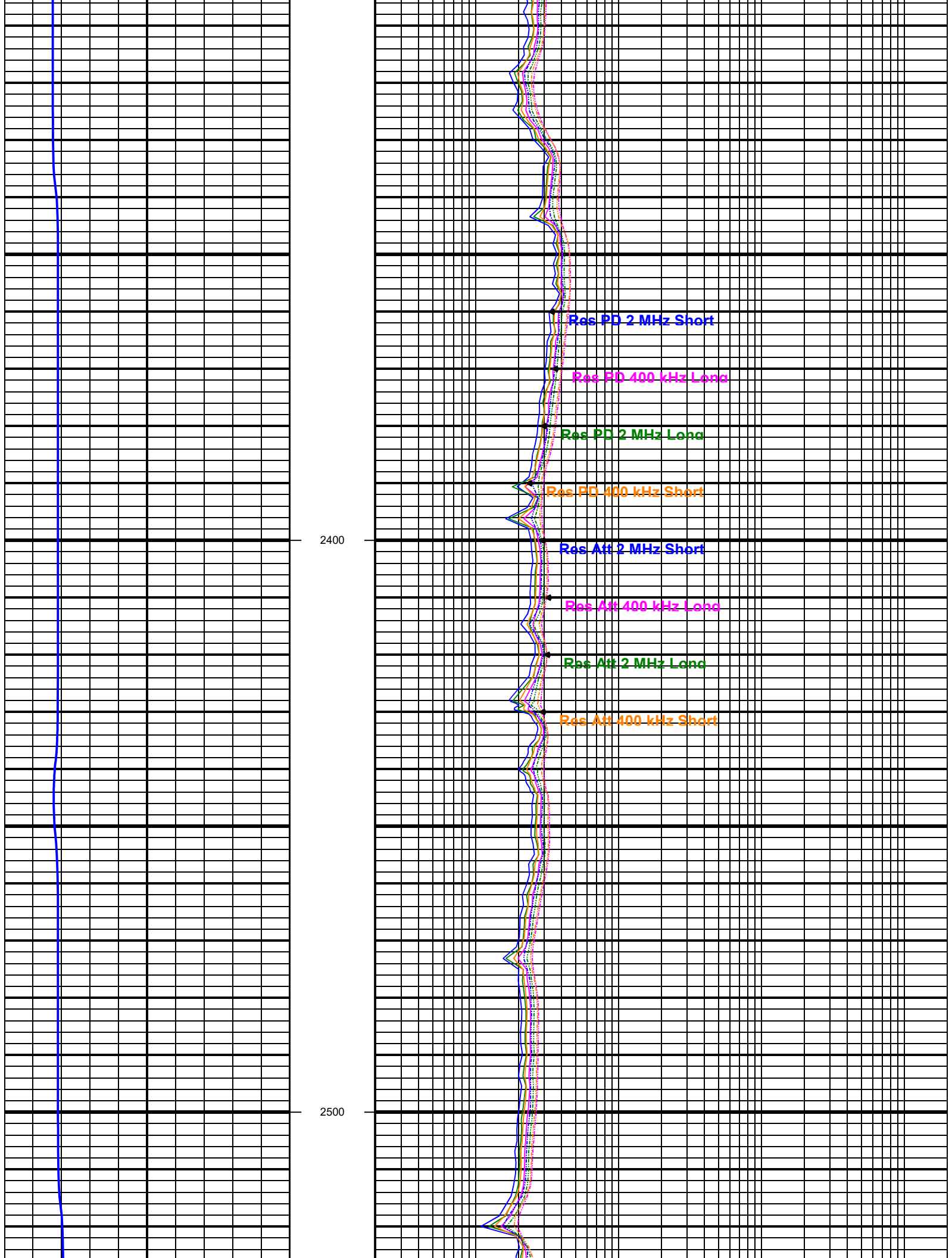
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0.2	RACECHM Res Att 2 MHz Long ohm-m	2000
	RACECLM	

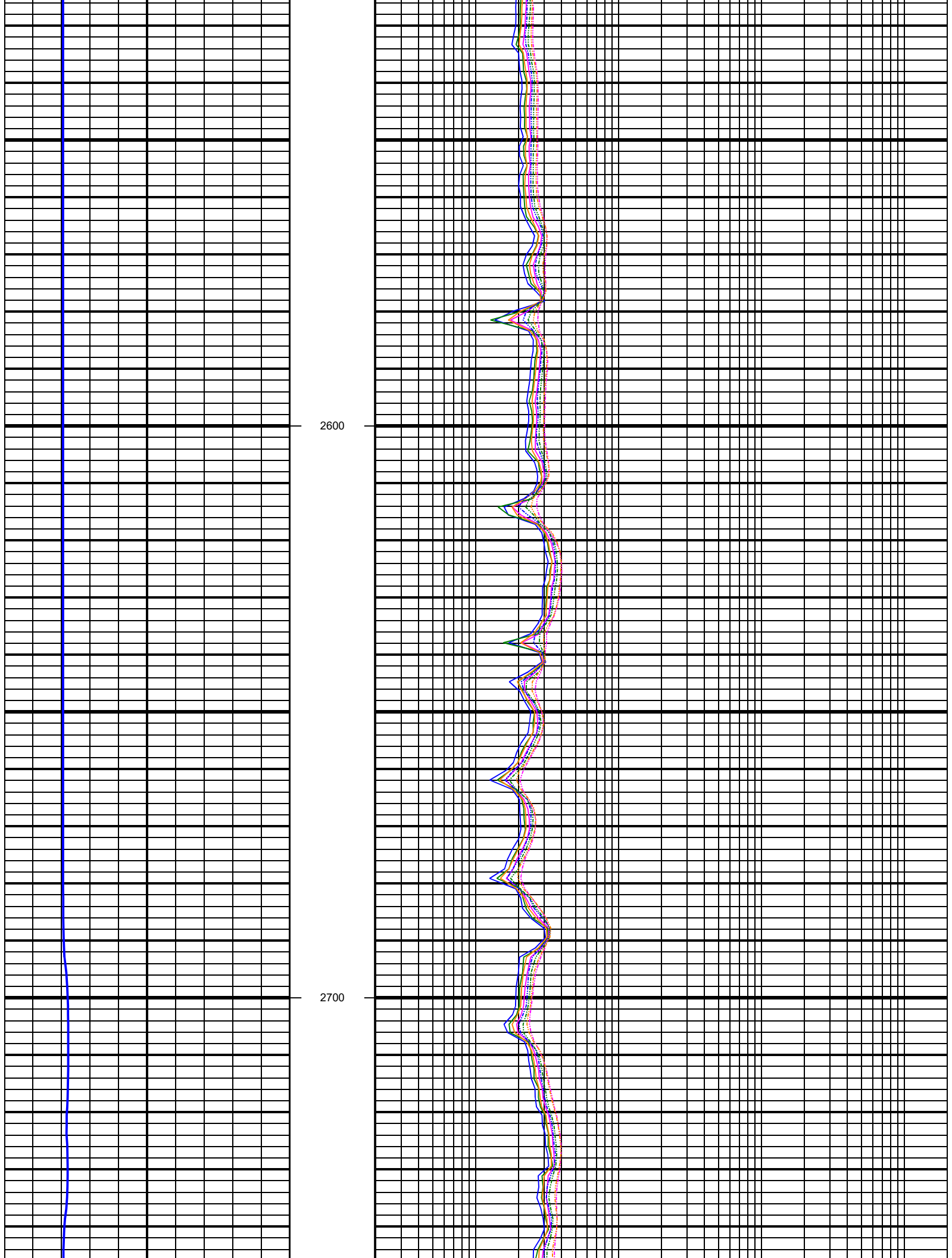
Resistivity Compensation Temperature
TRMRAC
150 F (5.00 ft Smoothing) 250

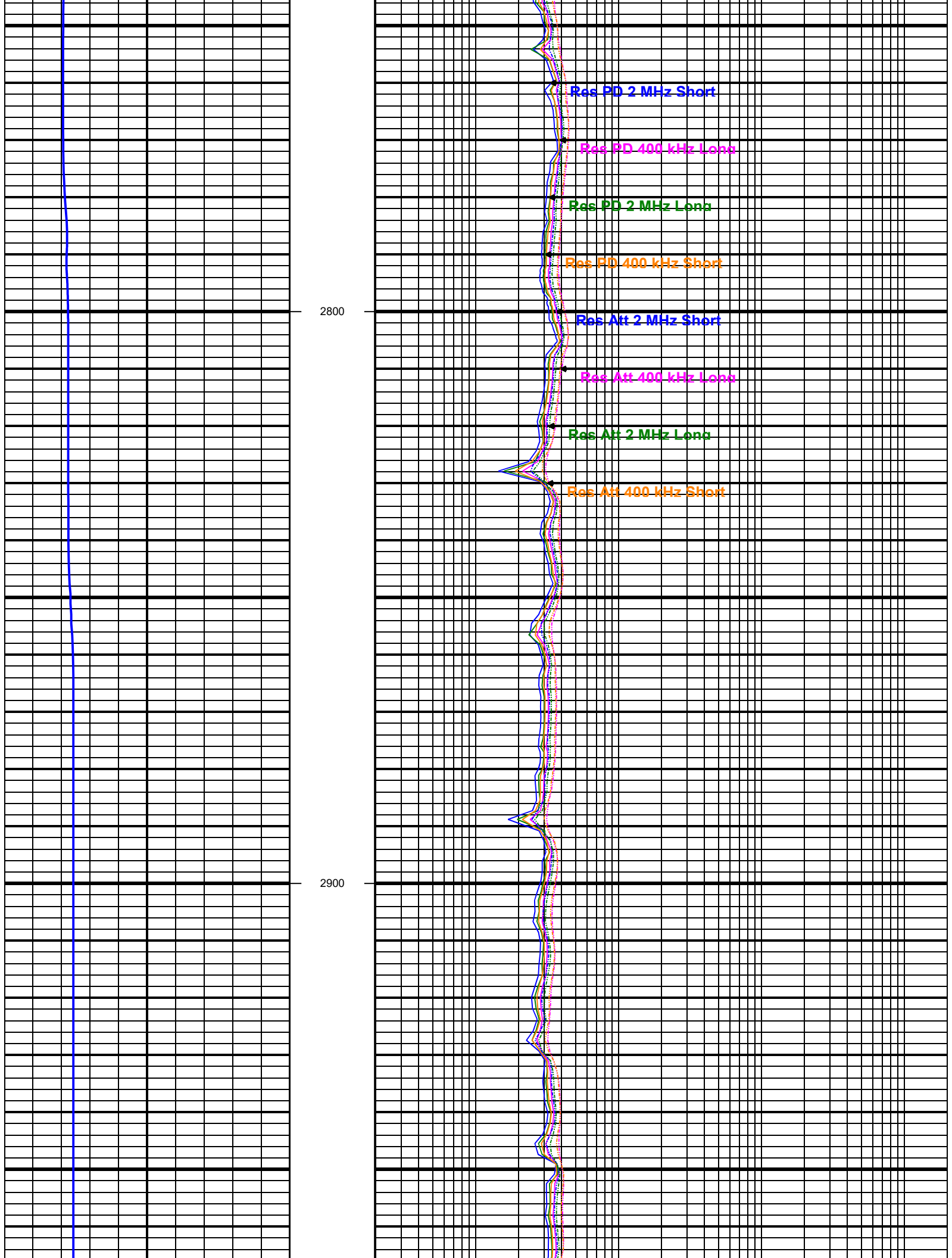
MD
FEET
1:240
1950

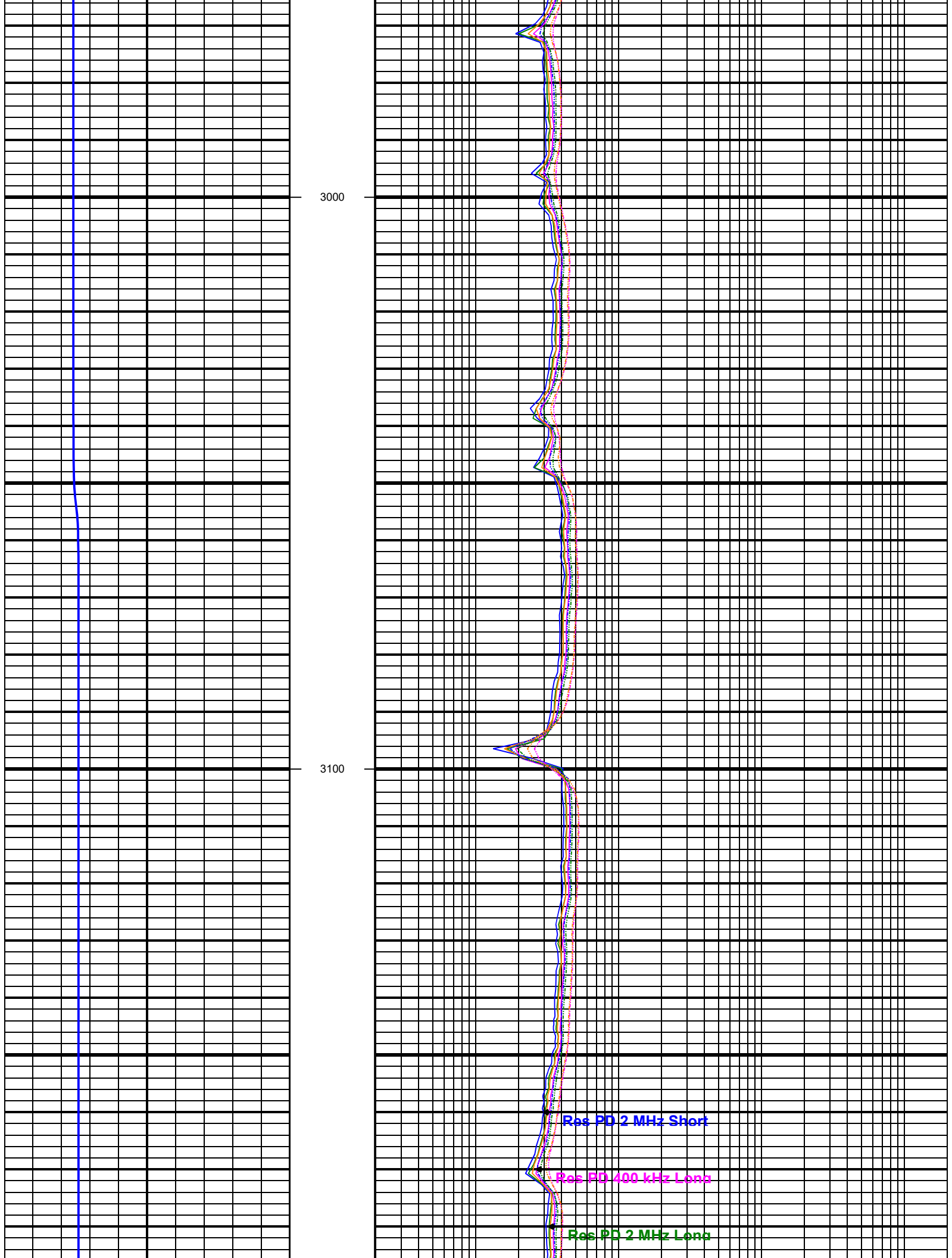


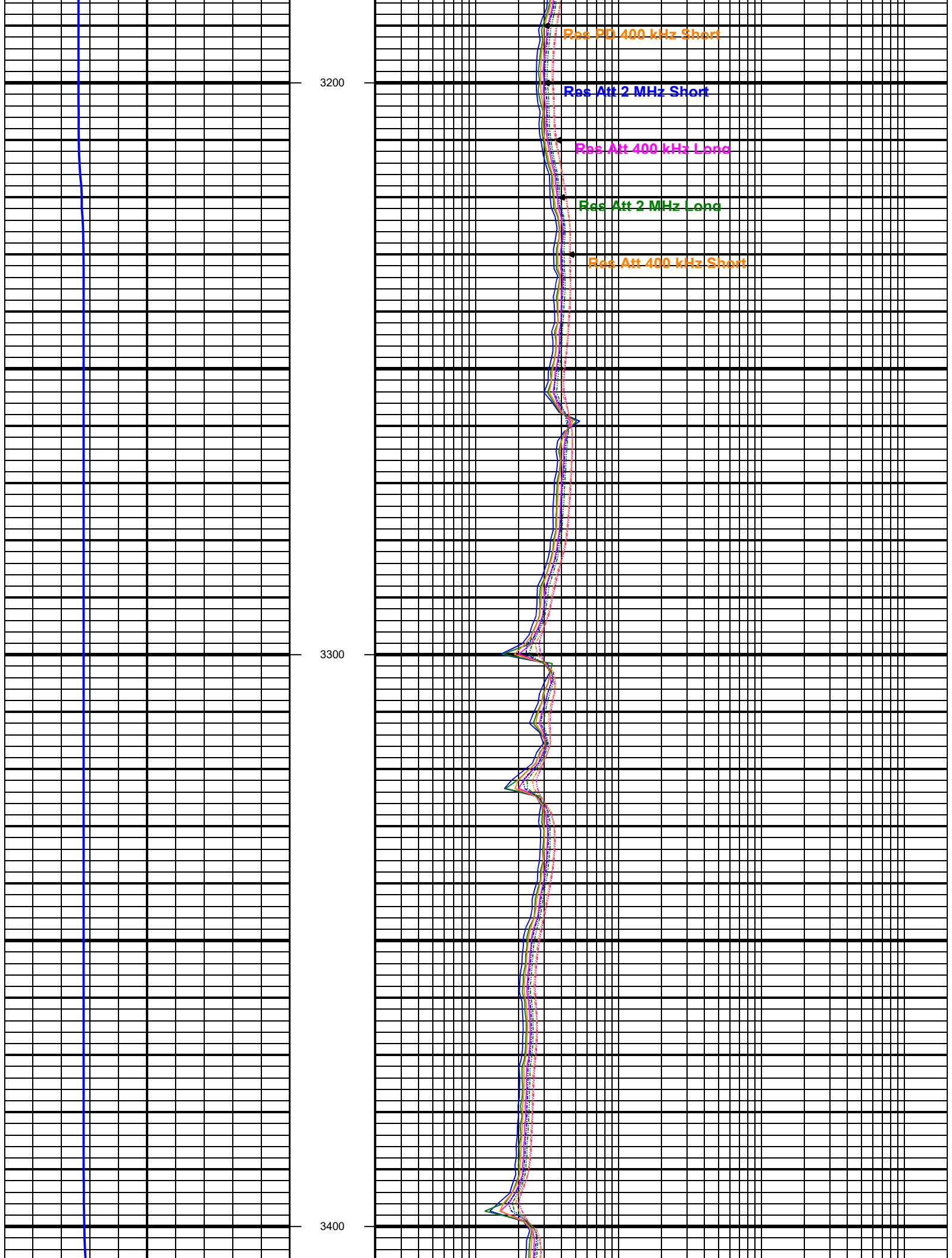


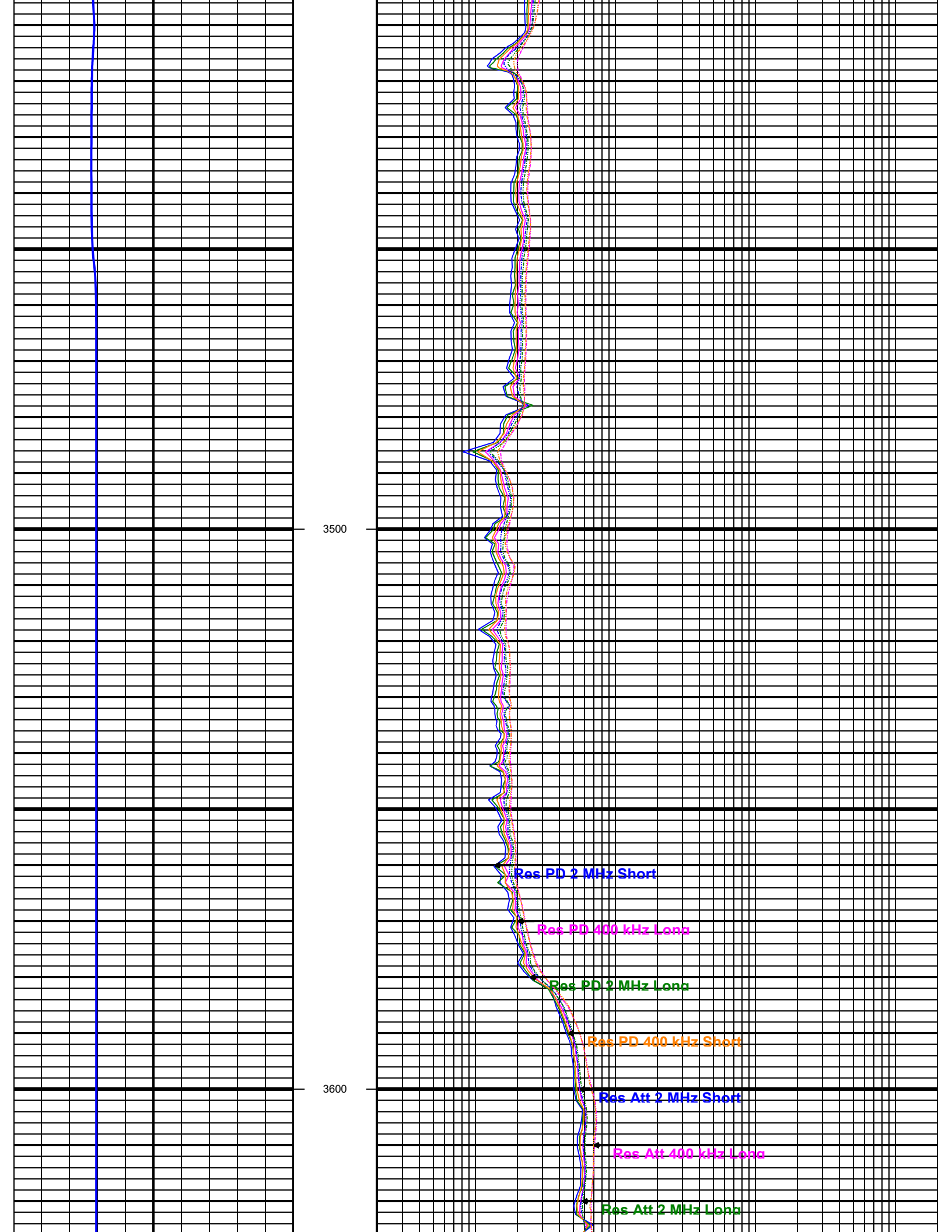


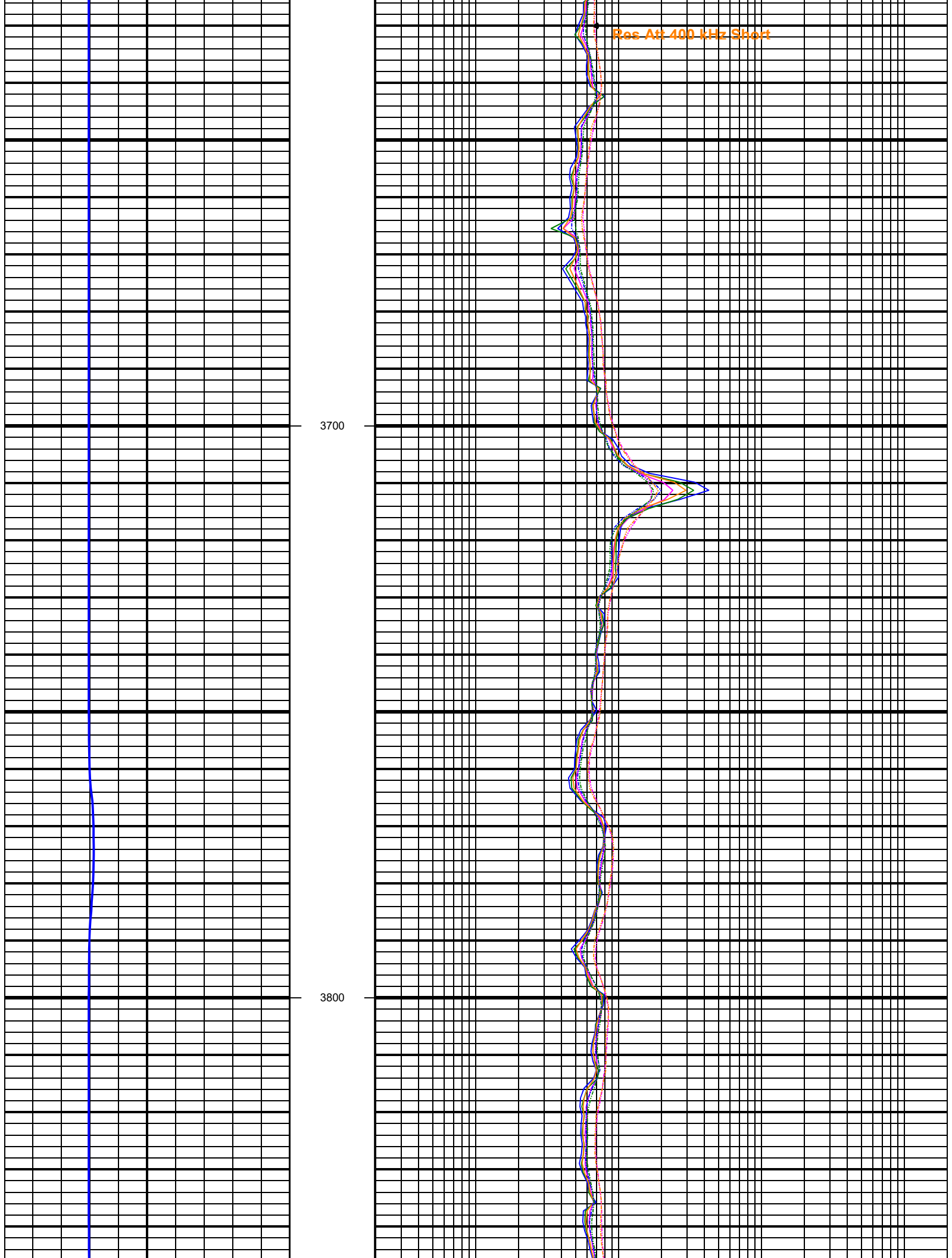


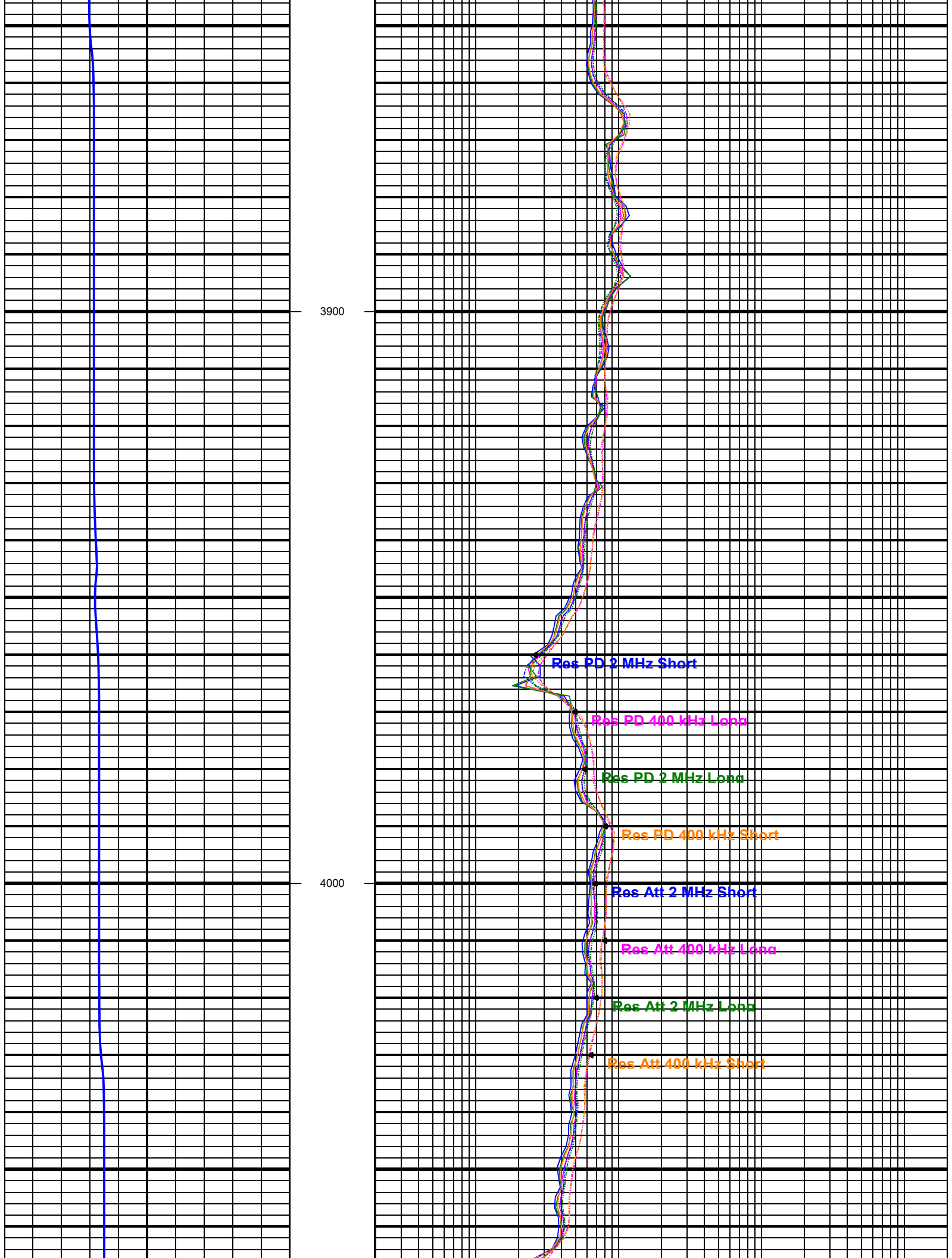


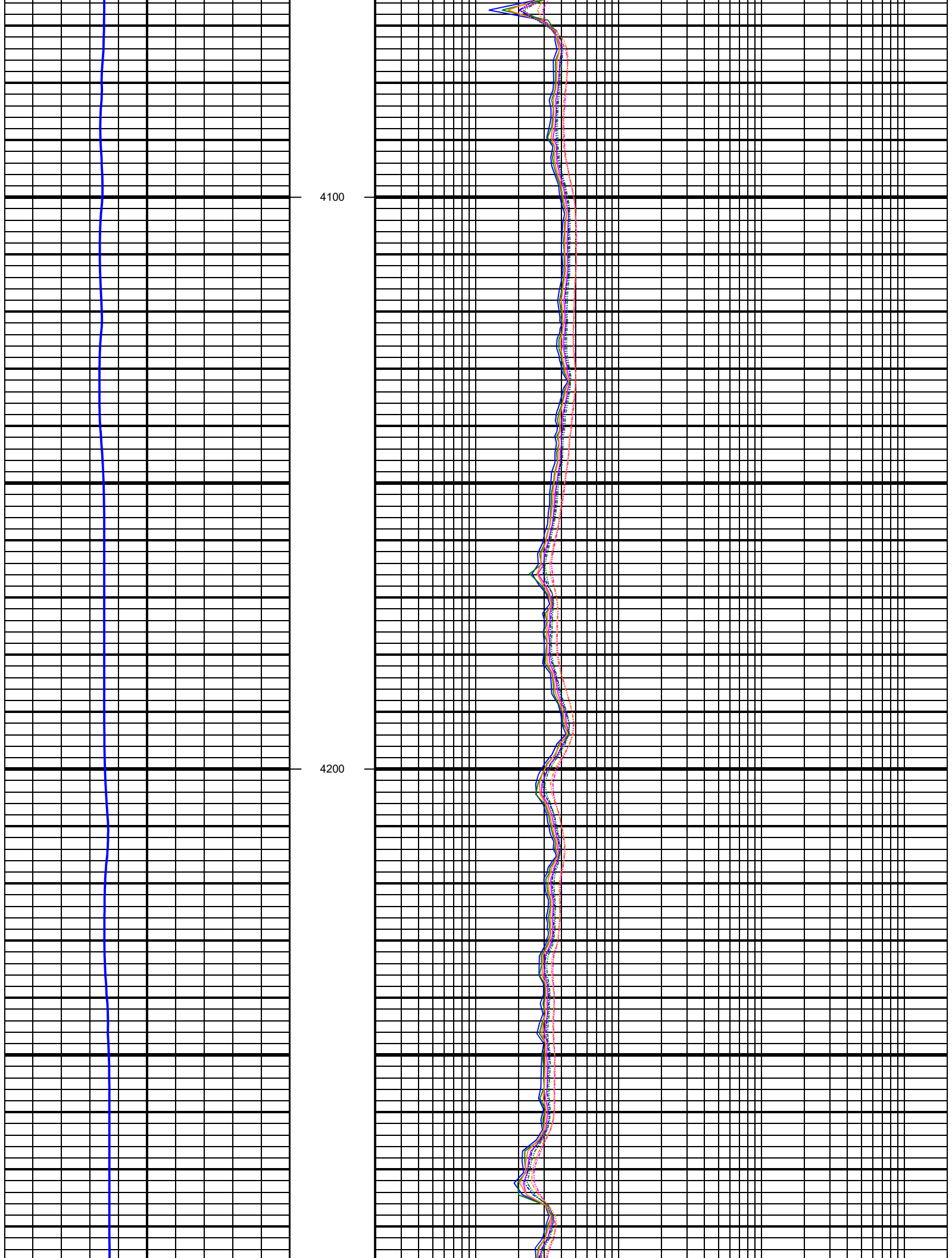


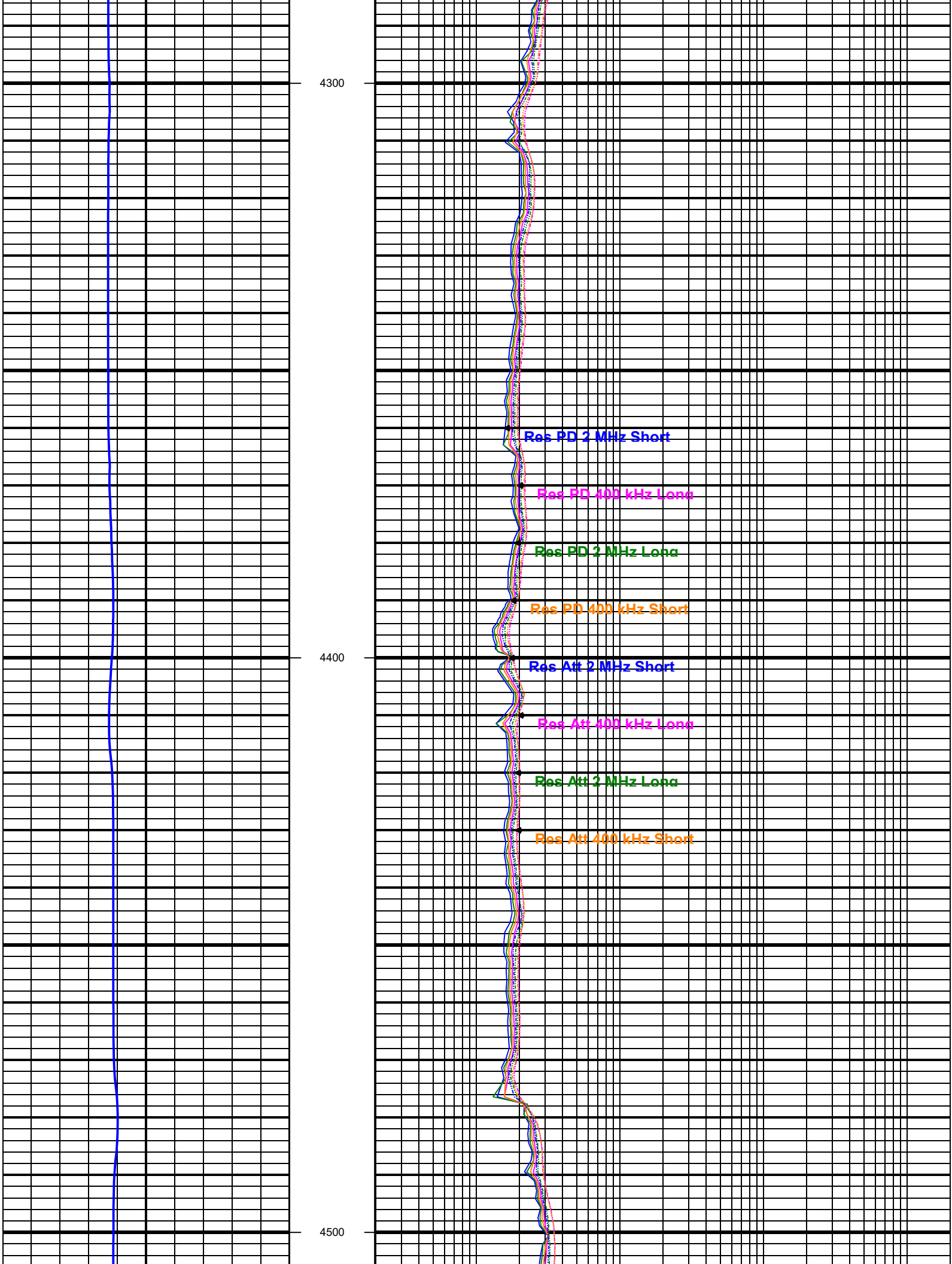


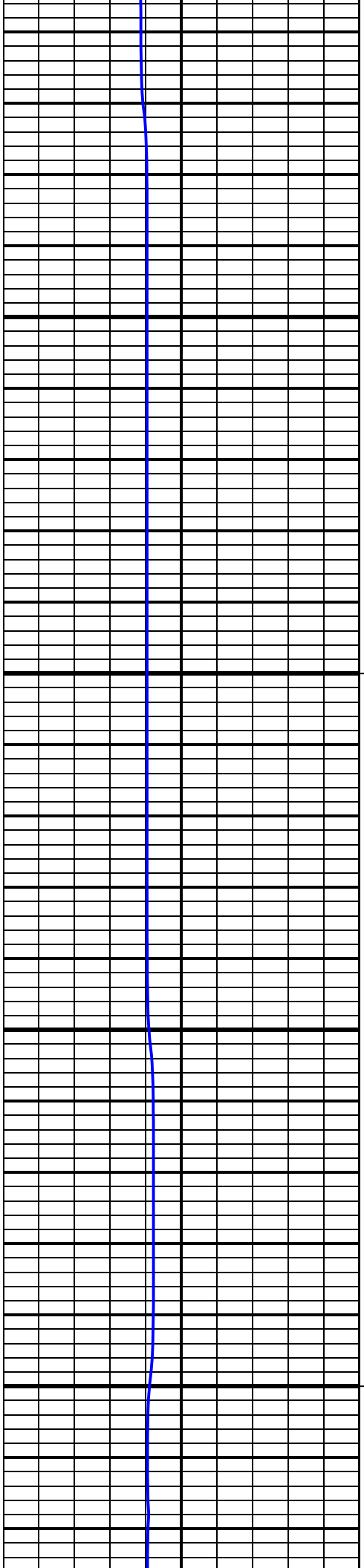






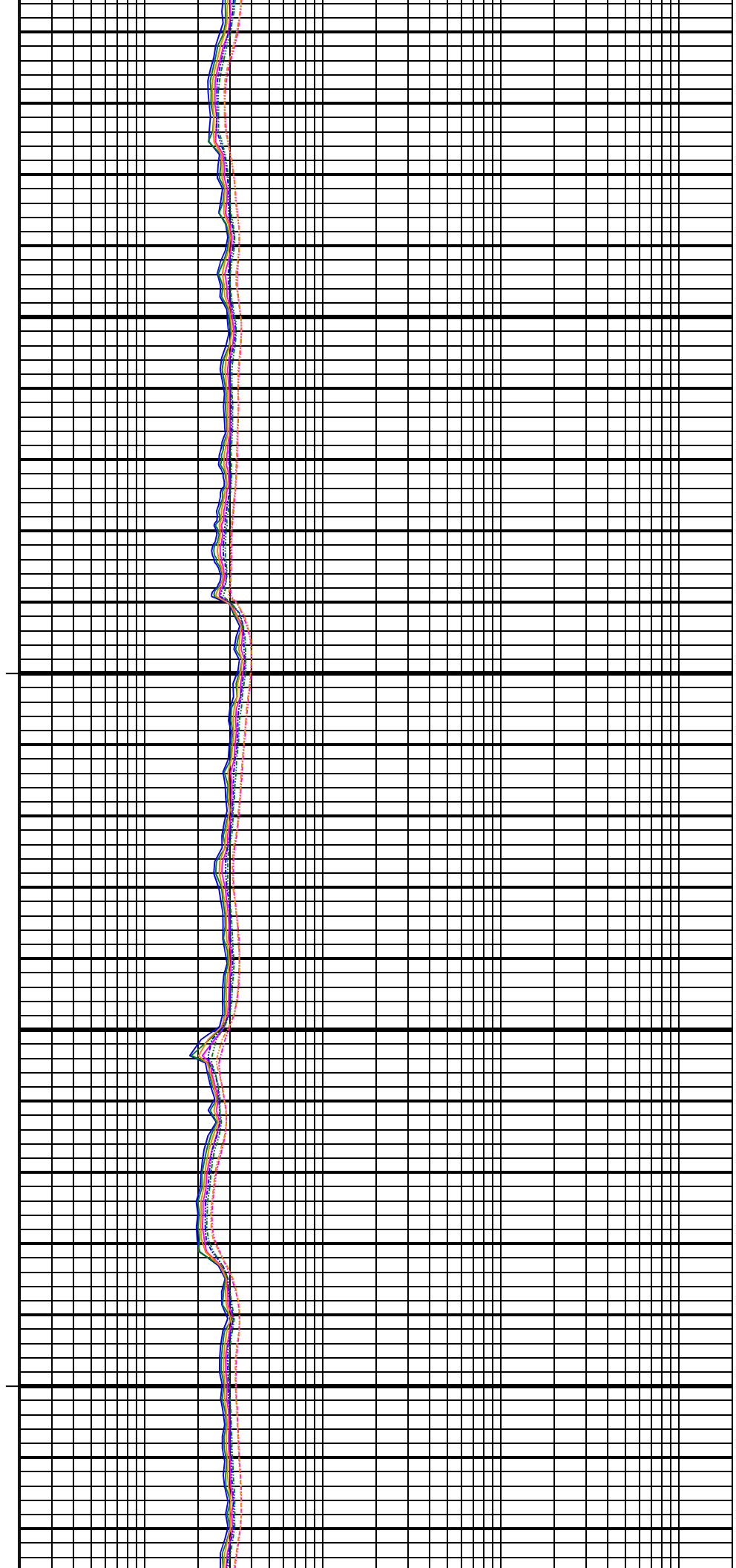


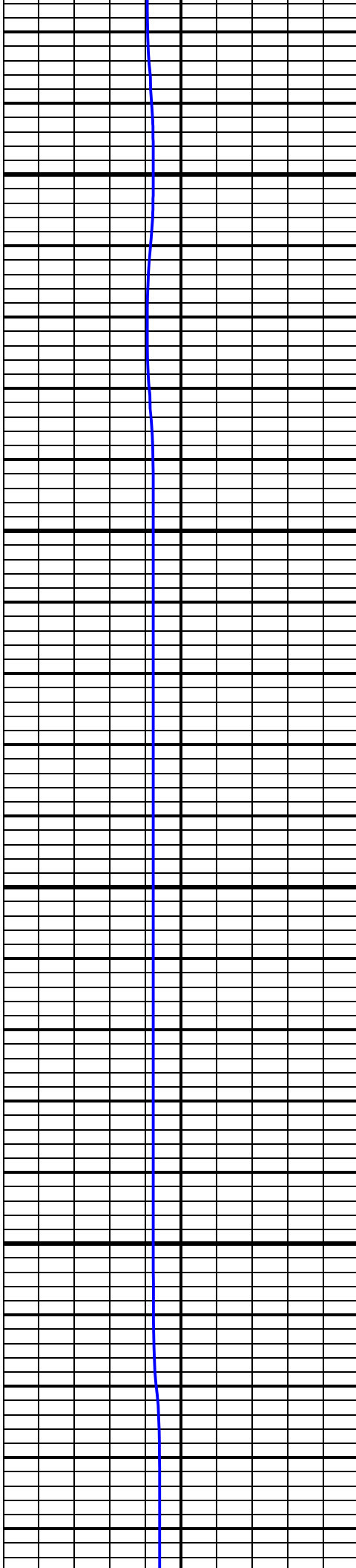




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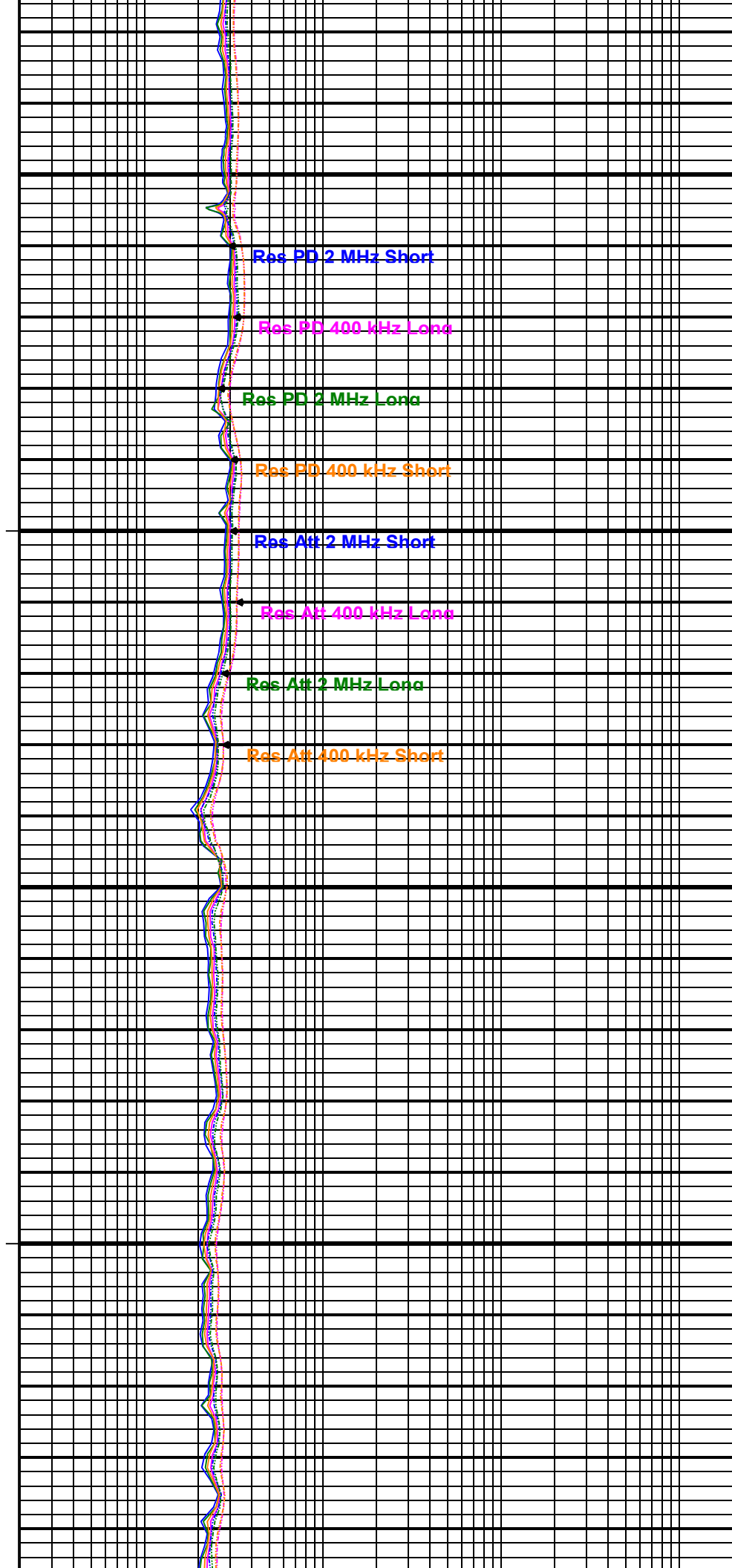
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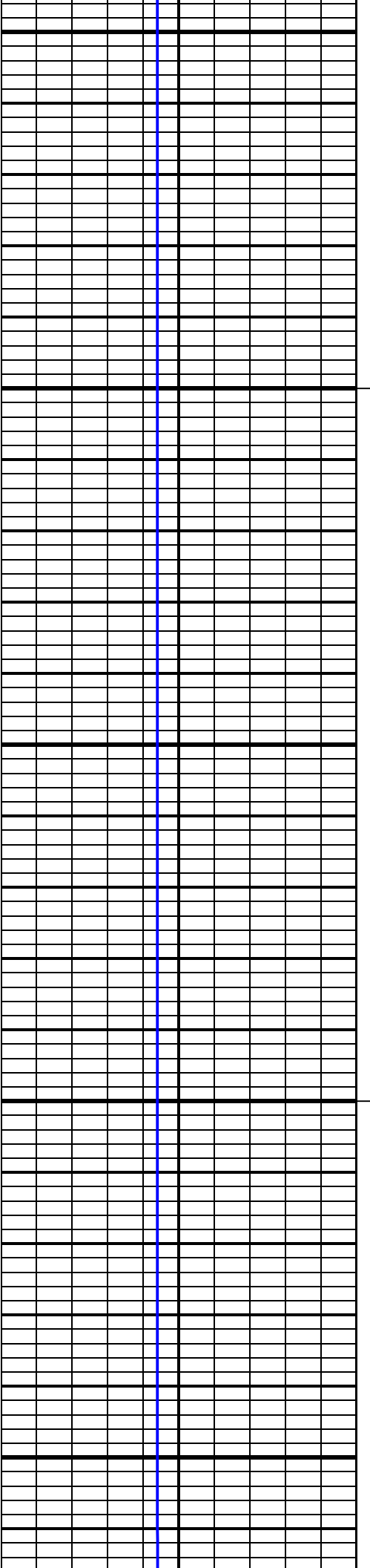




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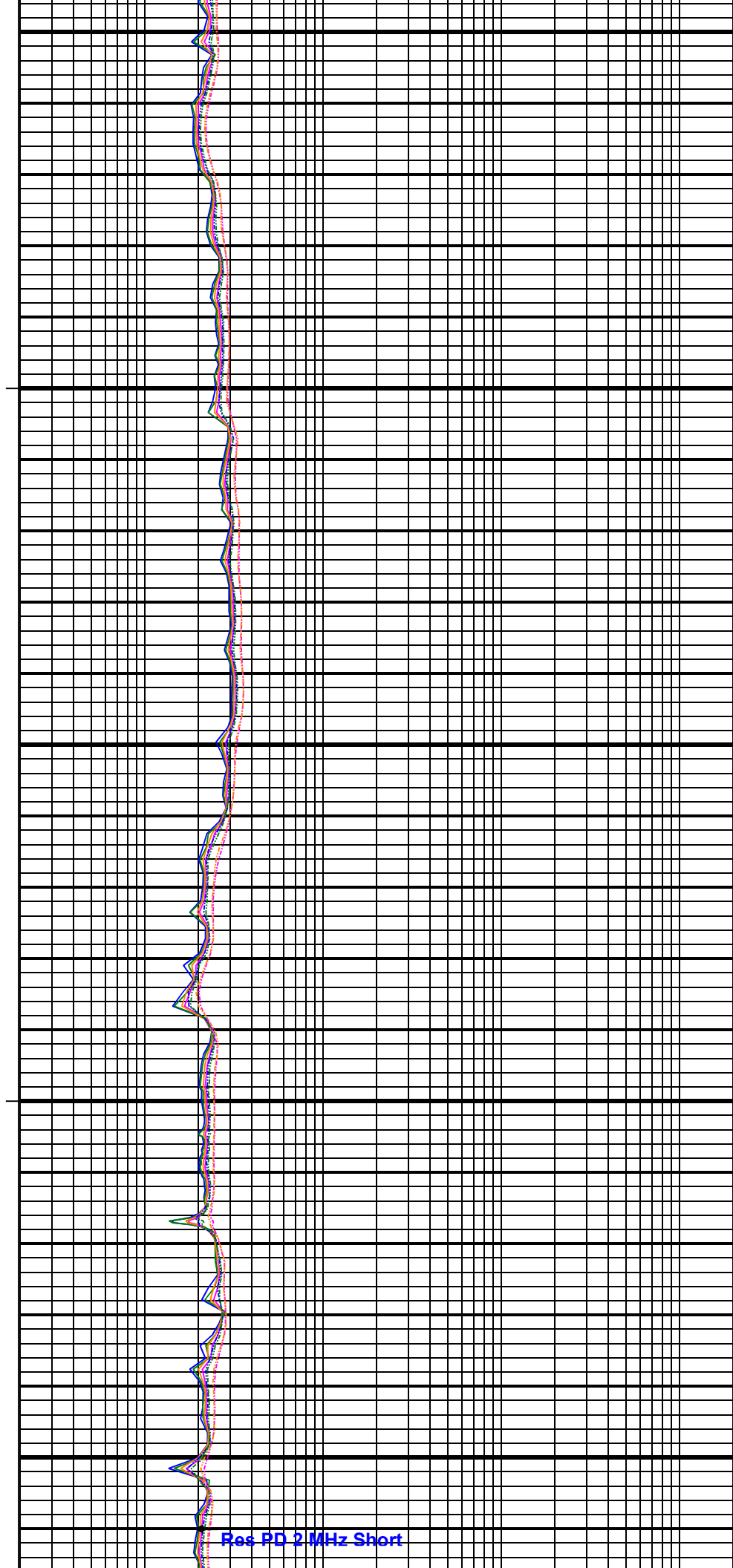
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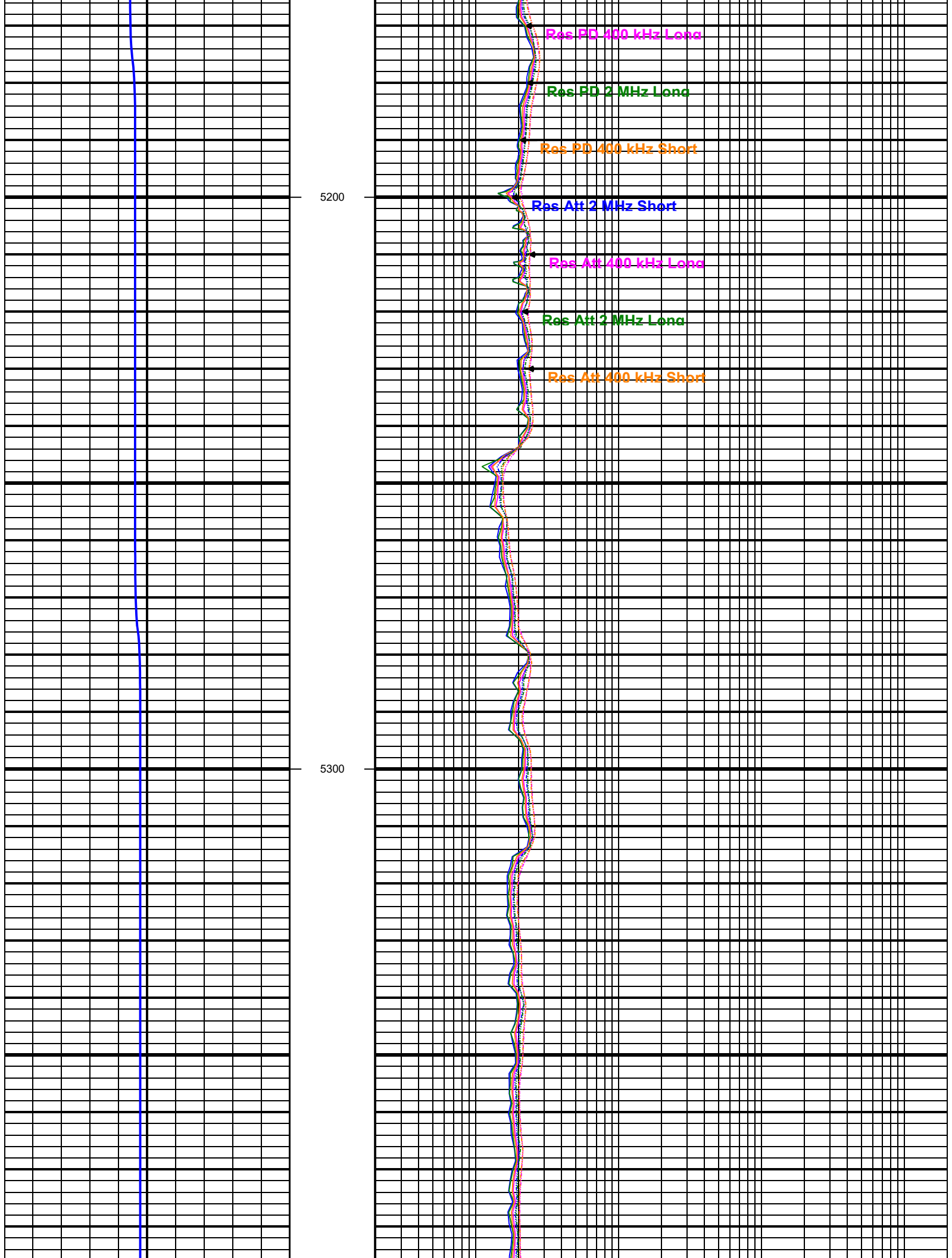


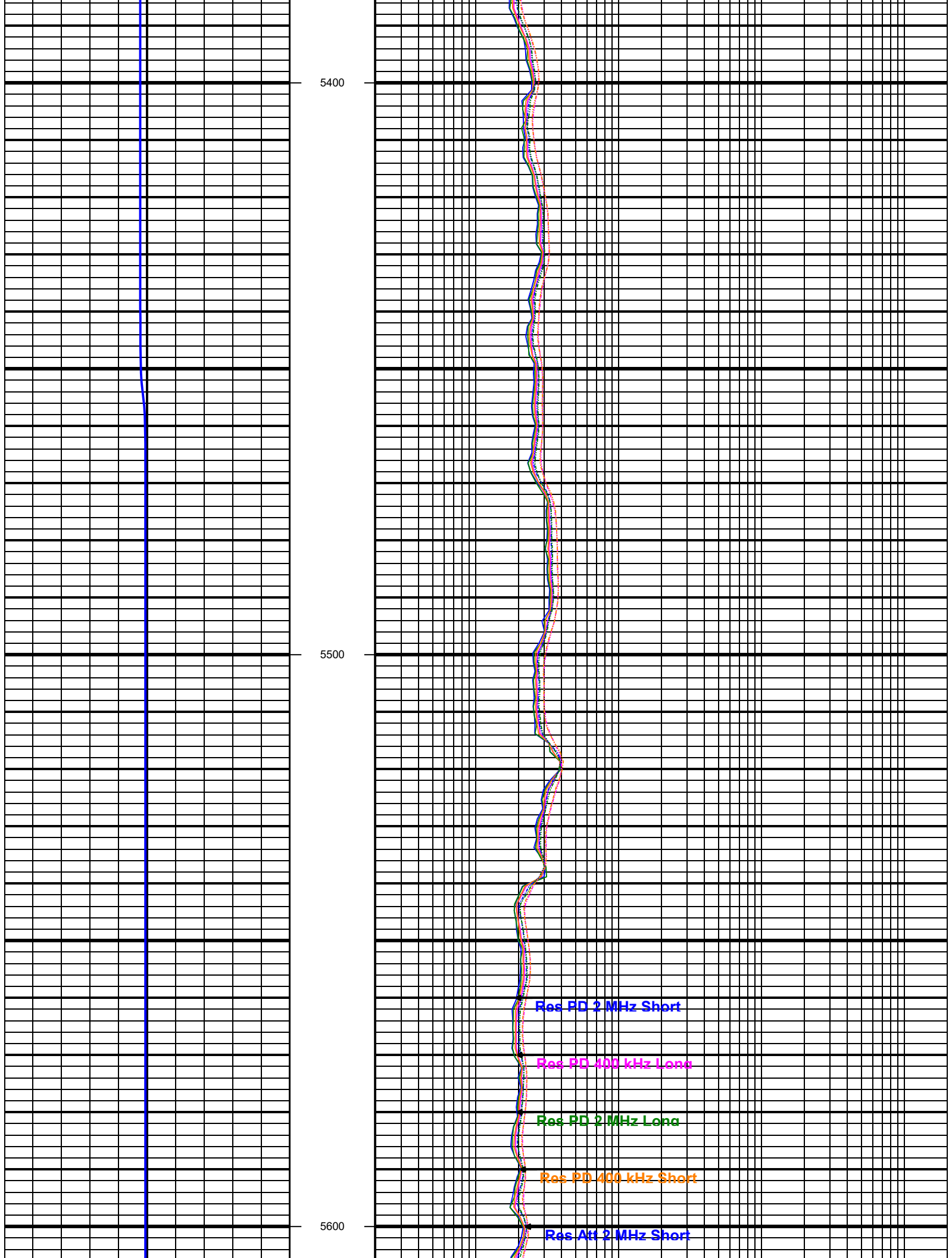
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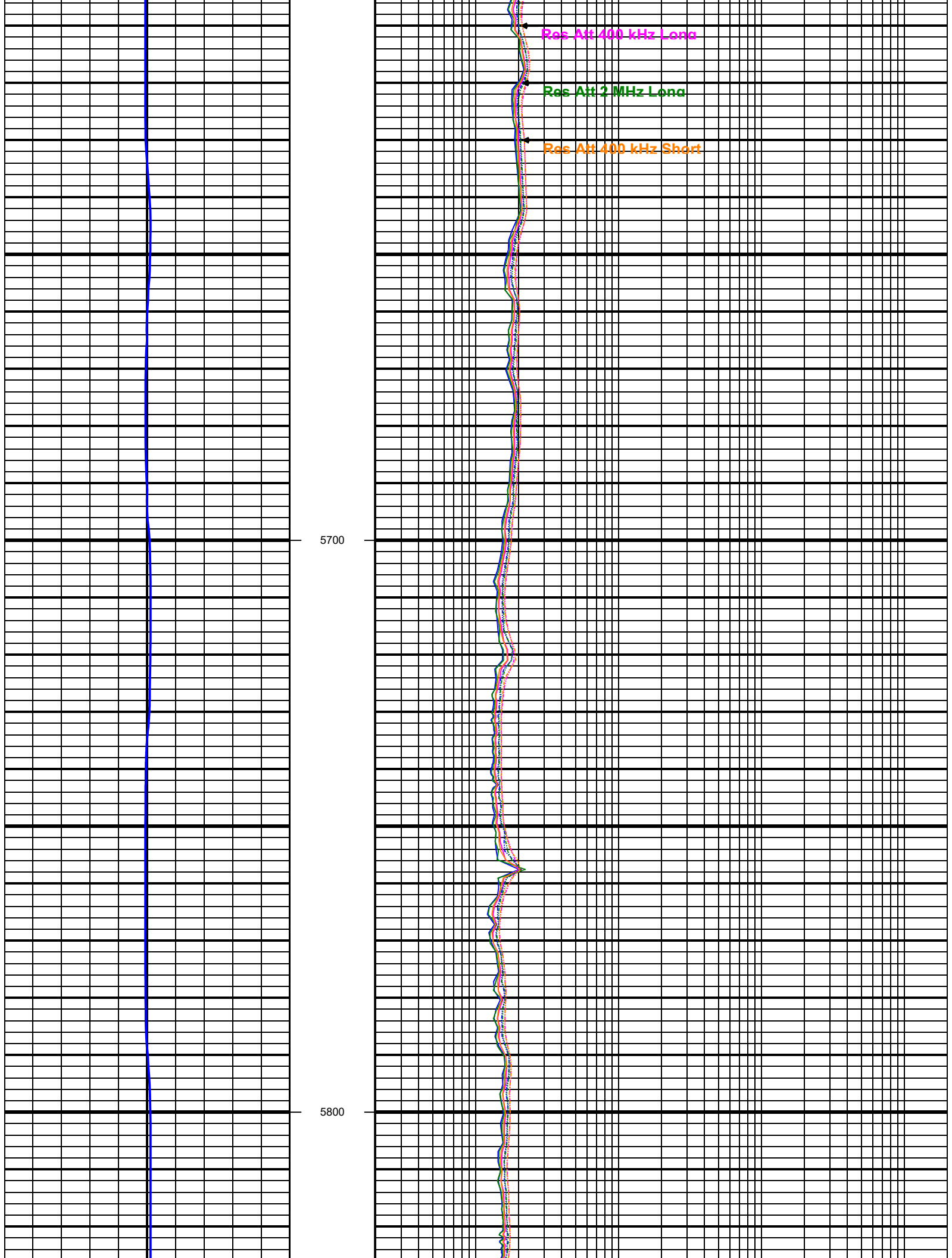
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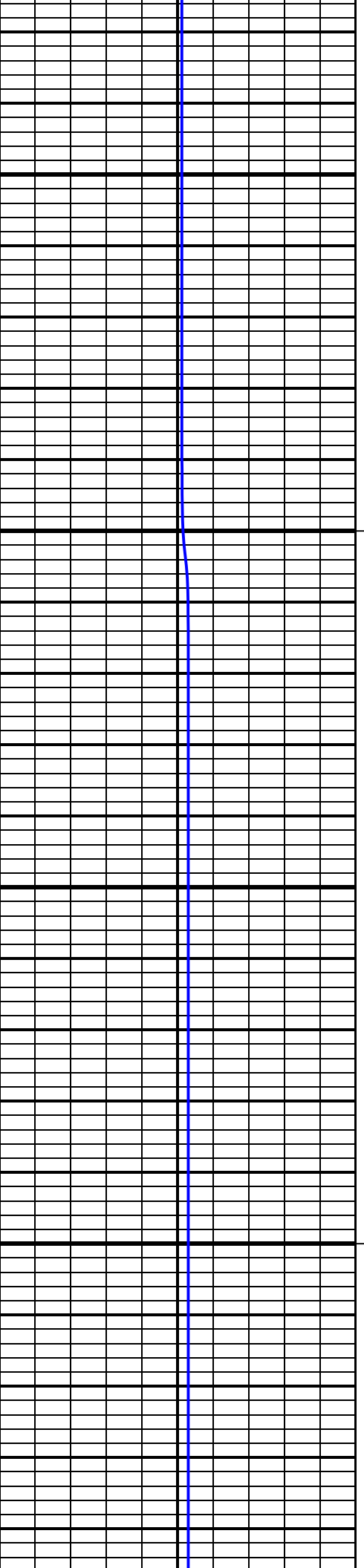


Res PD 2 MHz Short



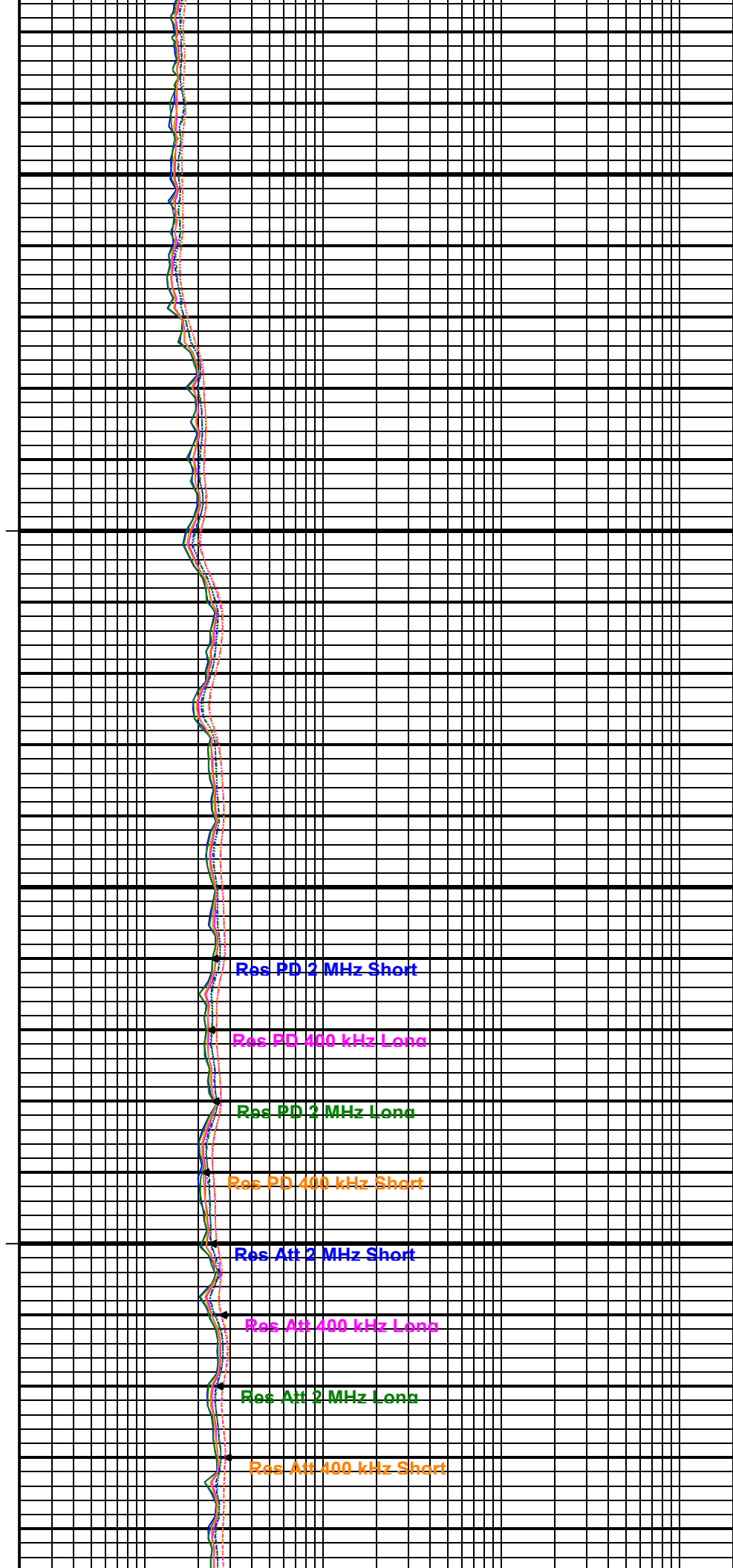


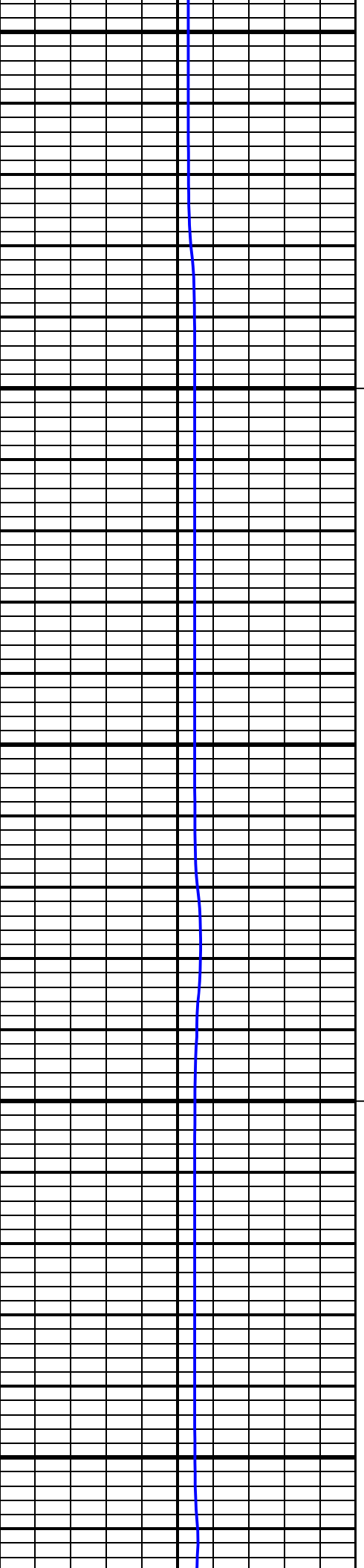




5900

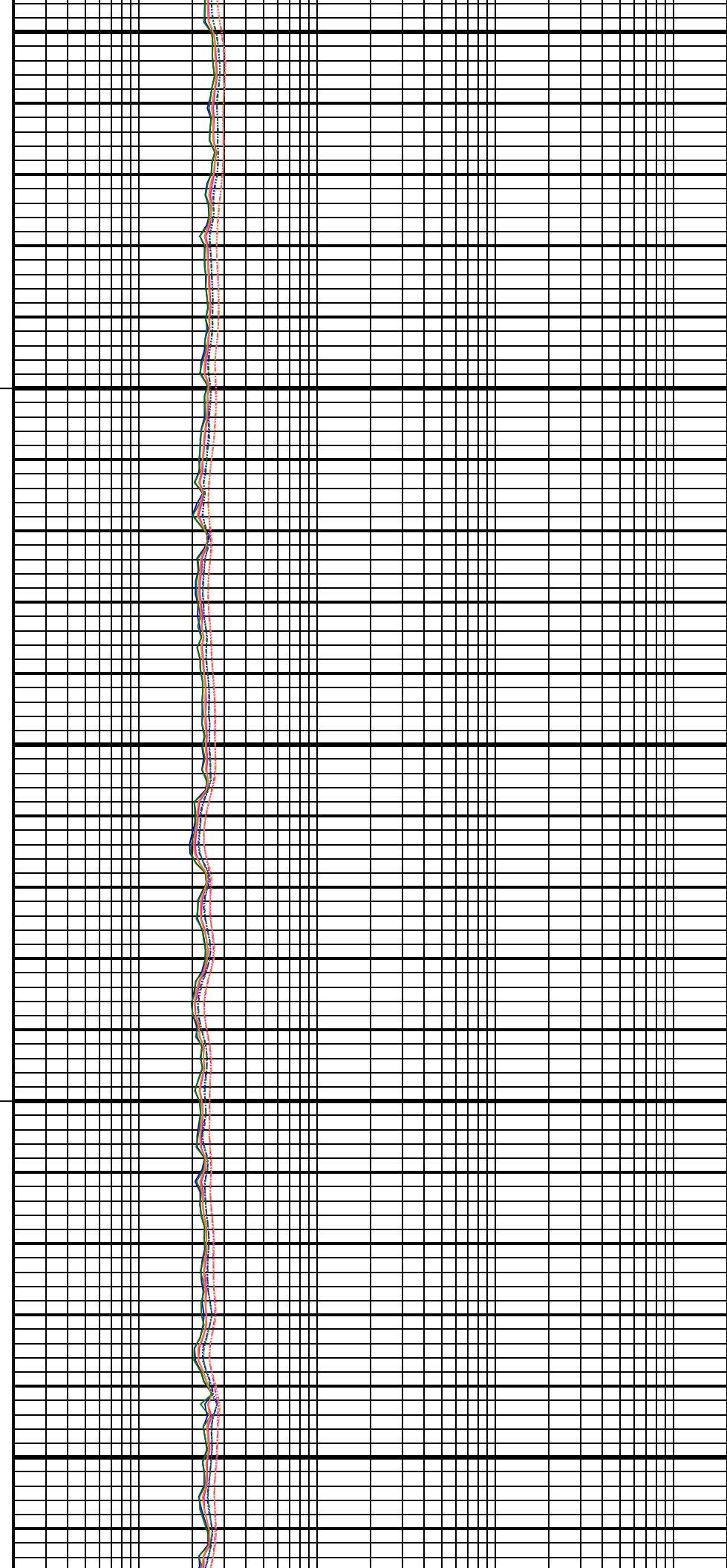
6000

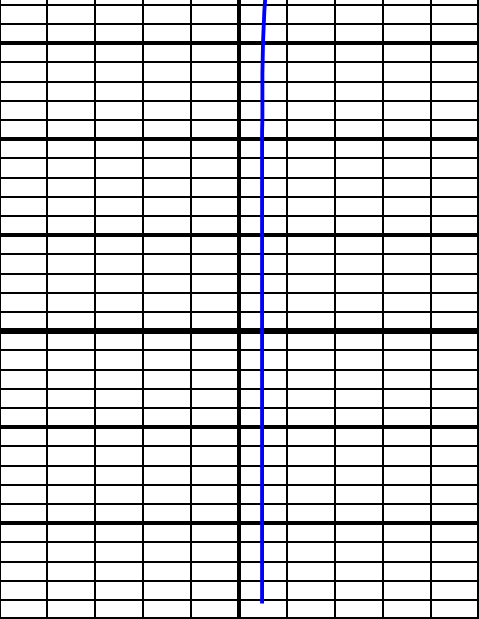




6100

6200





6300

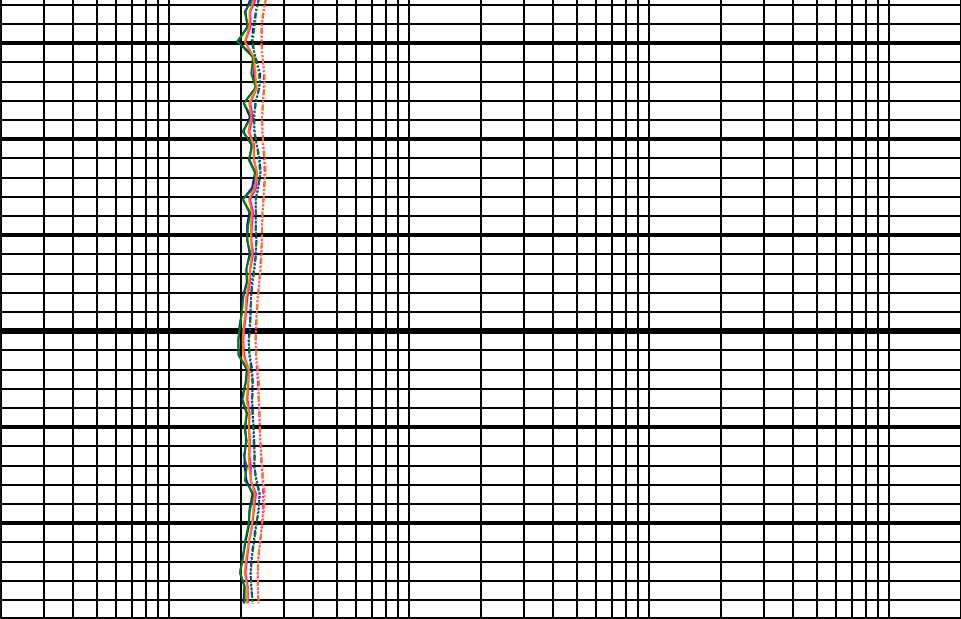
6330

1:240

FEET

MD

Resistivity Compensation Temperature
TRMRAC
150 F (5.00 ft Smoothing) 250



0.2	RPCECSHM Res PD 2 MHz Short ohm-m	2000
0.2	RPCECLM Res PD 400 kHz Long ohm-m	2000
0.2	RPCECHM Res PD 2 MHz Long ohm-m	2000
0.2	RPCECSLM Res PD 400 kHz Short ohm-m	2000
0.2	RACECSHM Res Att 2 MHz Short ohm-m	2000
0.2	RACECLM Res Att 400 kHz Long ohm-m	2000
0.2	RACECHM Res Att 2 MHz Long ohm-m	2000
0.2	RACECSLM Res Att 400 kHz Short ohm-m	2000

DISCLAIMER

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