

New Features of Surface 5.0

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New Features

- Support linear, non-circular, and circular passive source
- Interactively define 1D or 2D geometry
- Directly select shot and check geometry on seismic data
- Provide azimuth analysis

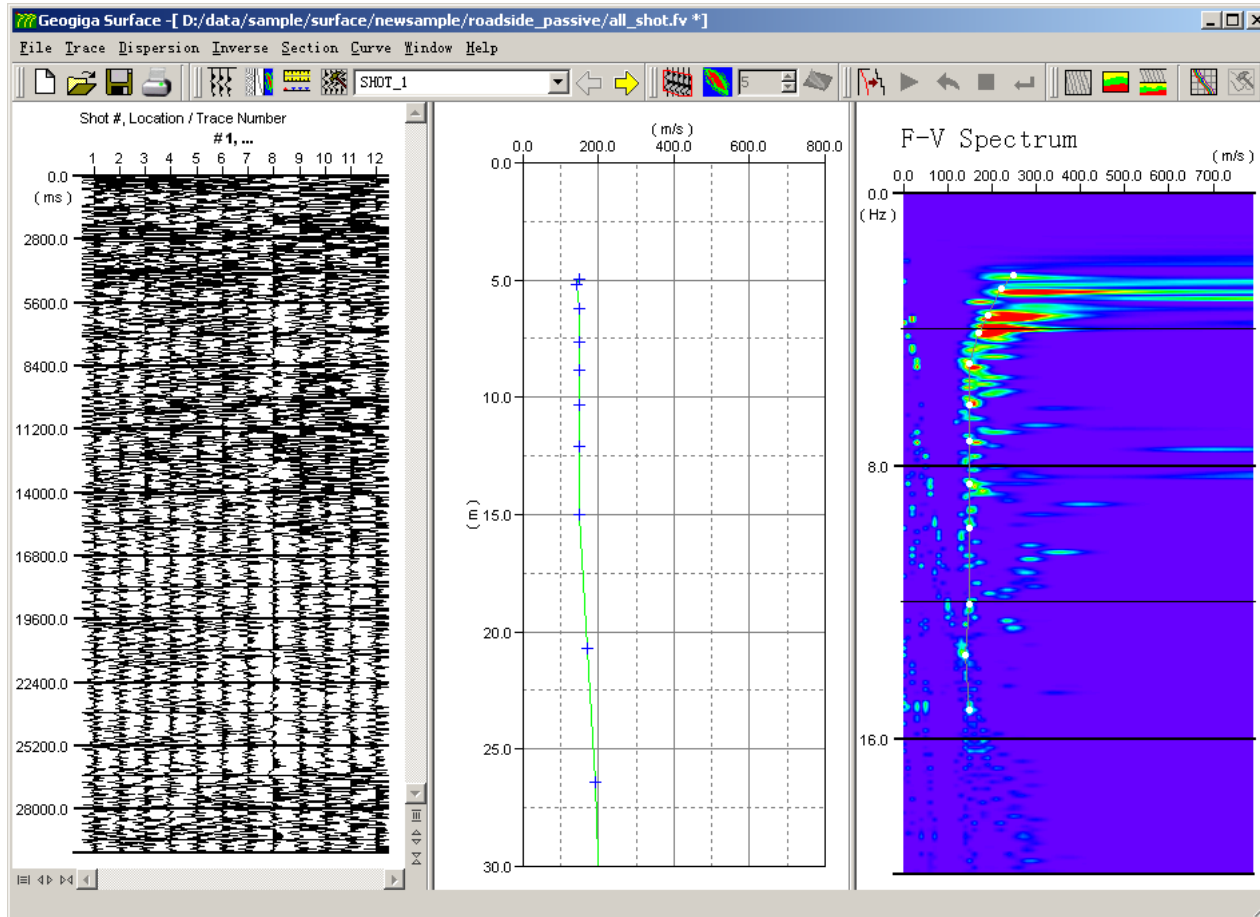
New Features – Continued 1

- Specify frequency range and increment
- Focus dispersion image
- Pick dispersion curve with continuous or separate mode
- Define picks color

New Features – Continued 2

- Combine FV spectra within same record, or with different records, and save combining parameters
- Reset initial model with pervious inversed result
- Show column or FV curve on curve and color section
- Set trace group annotation by default

Support 1D and 2D Passive Source



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Define Geometry Interactively

Geometry: SHOT_1

Array Assignment

Receiver Location

	X	Y
1*	0.00	50.00
2	25.00	43.30
3	43.30	25.00
4	50.00	0.00
5	43.30	-25.00
6	25.00	-43.30
7	0.00	-50.00
8	-25.00	-43.30
9	-43.30	-25.00
10	-50.00	0.00
11	-43.30	25.00
12	-25.00	43.30

Shot

Active
 Passive

Location

X
Y

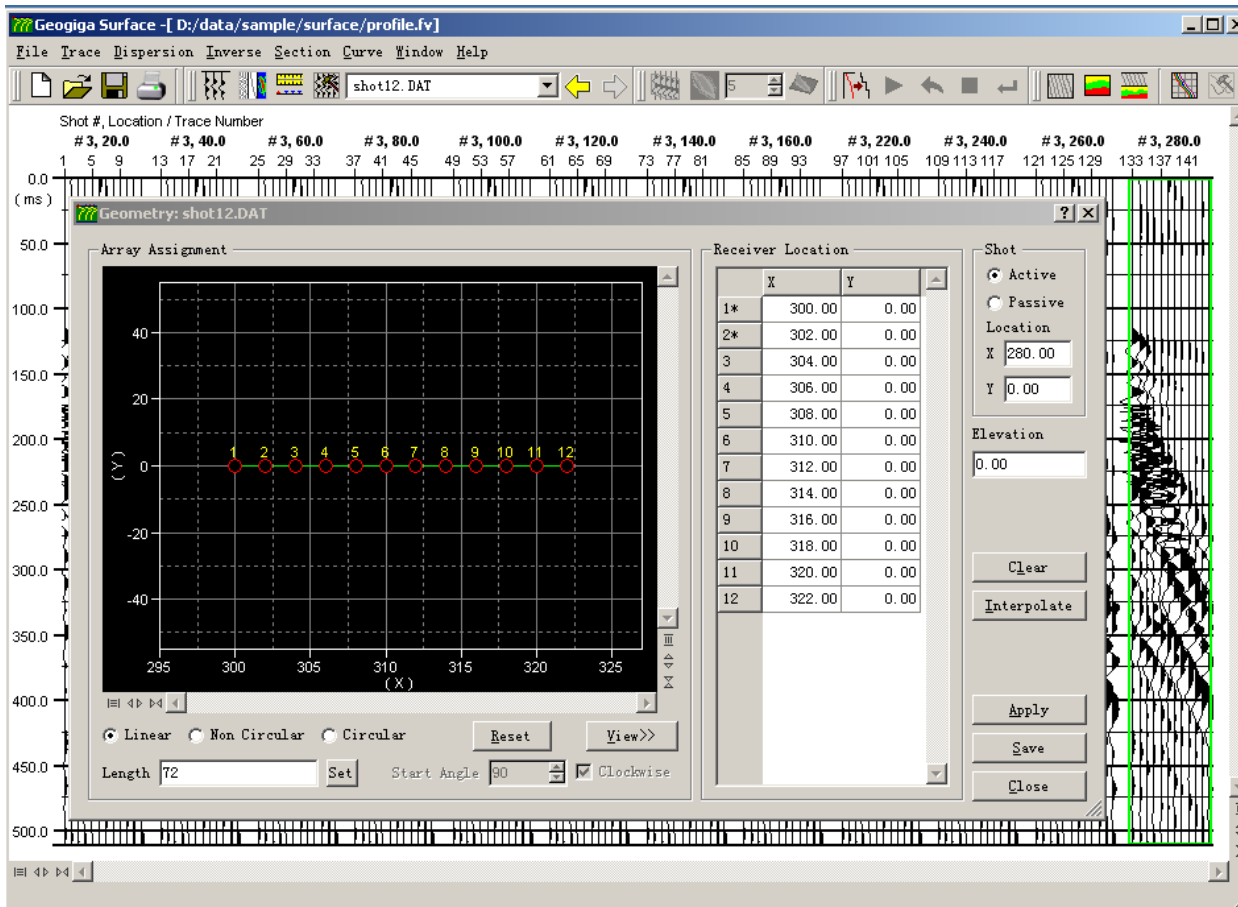
Elevation

Linear Non Circular Circular

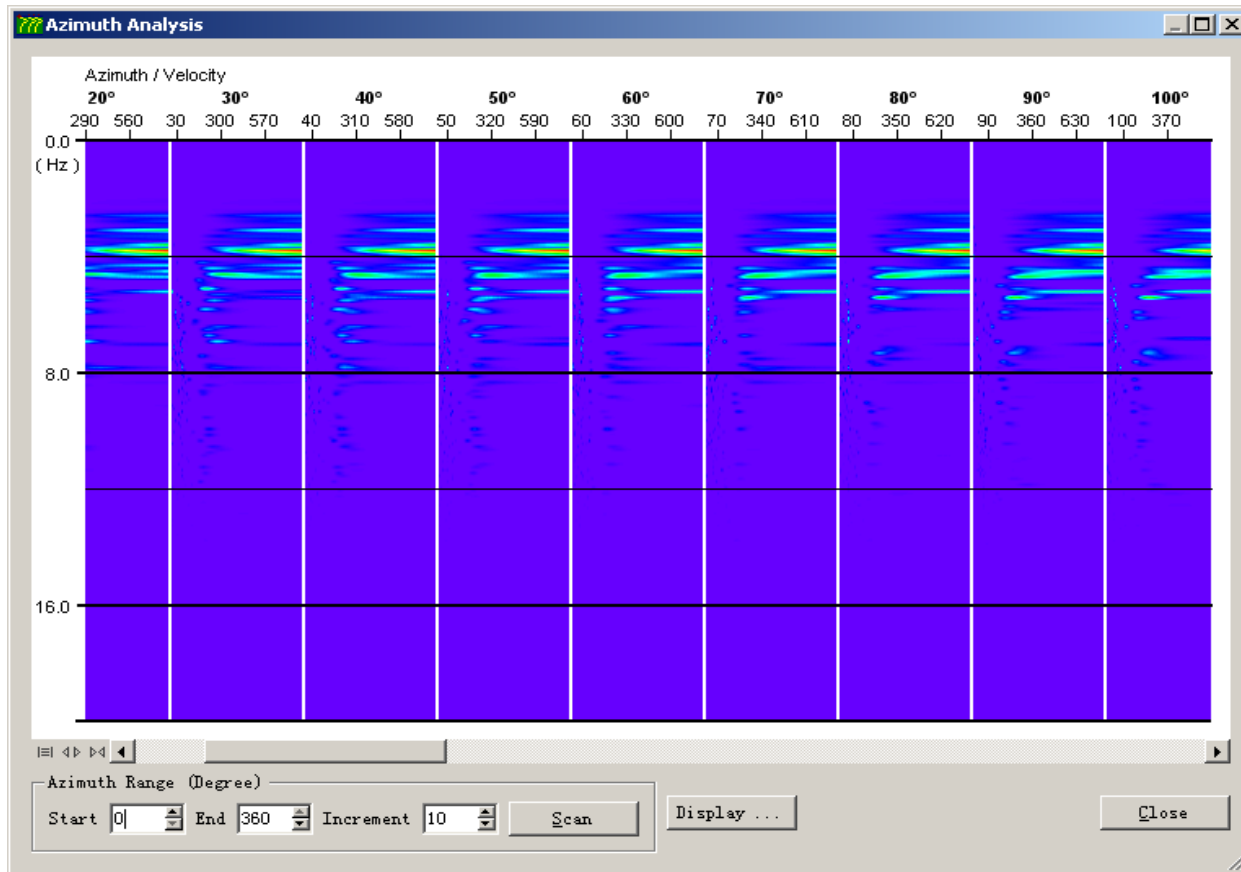
Diameter Set Start Angle Clockwise

Reset View>>

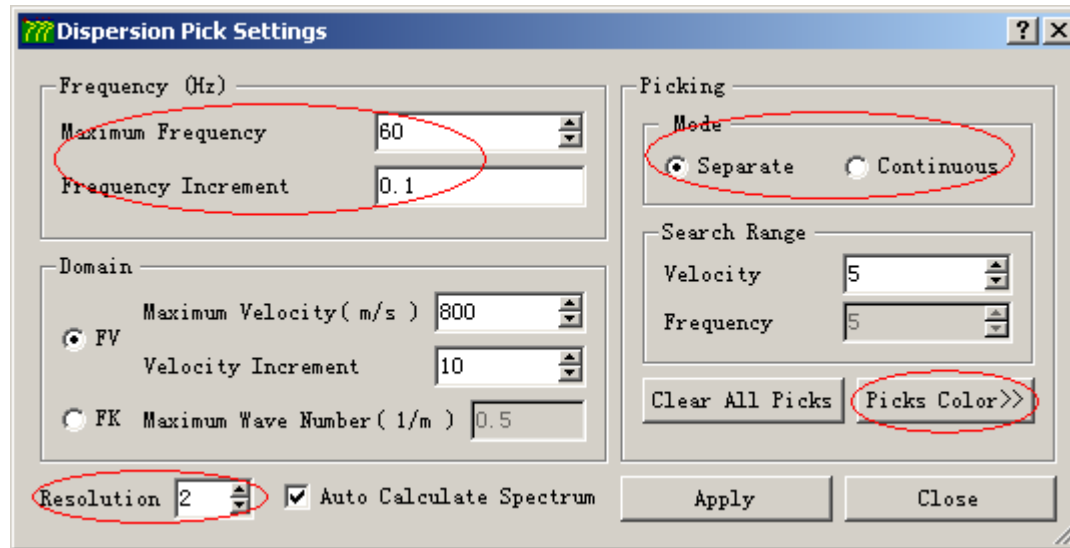
Select Shot and Check Geometry on Seismic Data



Provide Azimuth Analysis

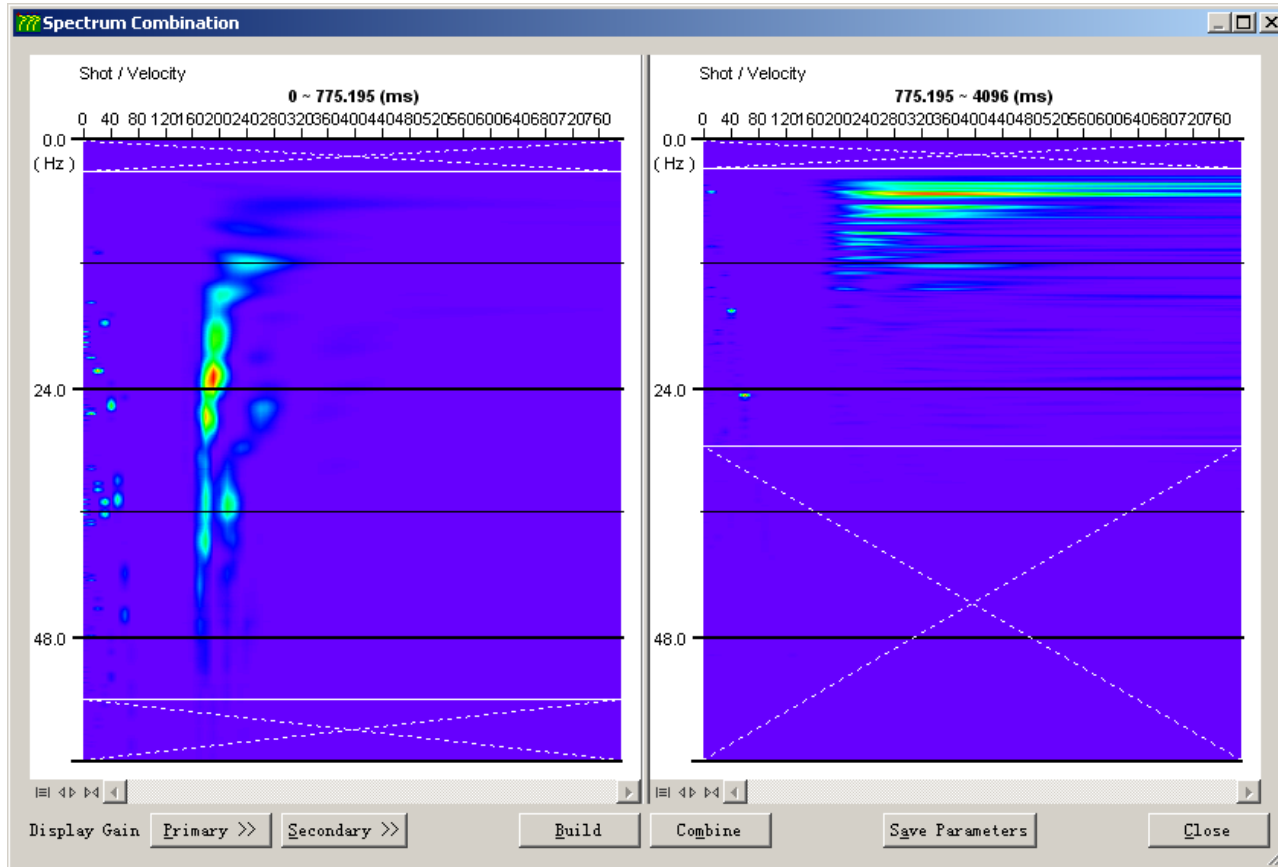


Change Picking Settings

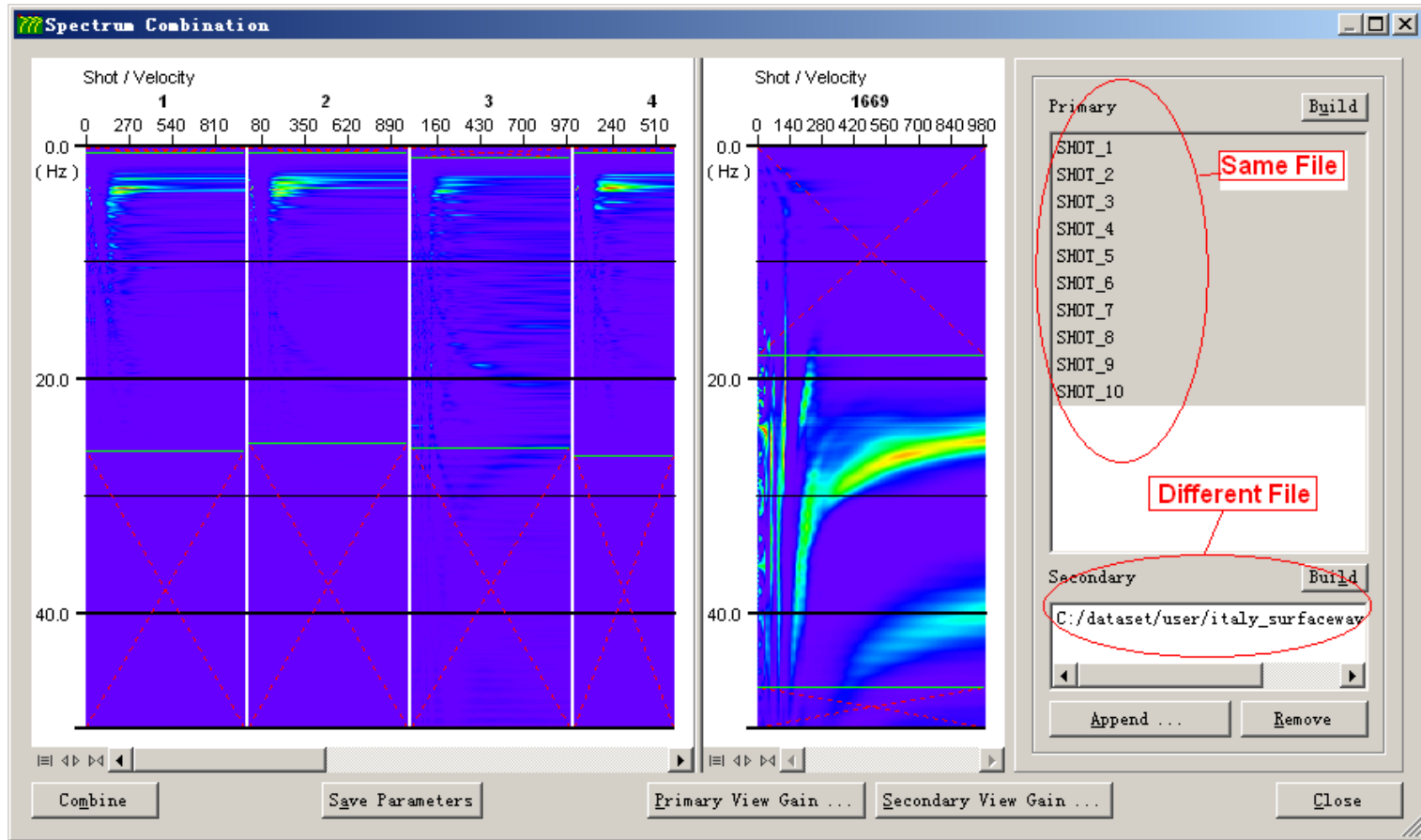


- Specify frequency range and increment
- Focus dispersion image
- Pick dispersion curve with continuous or separate mode
- Define picks color

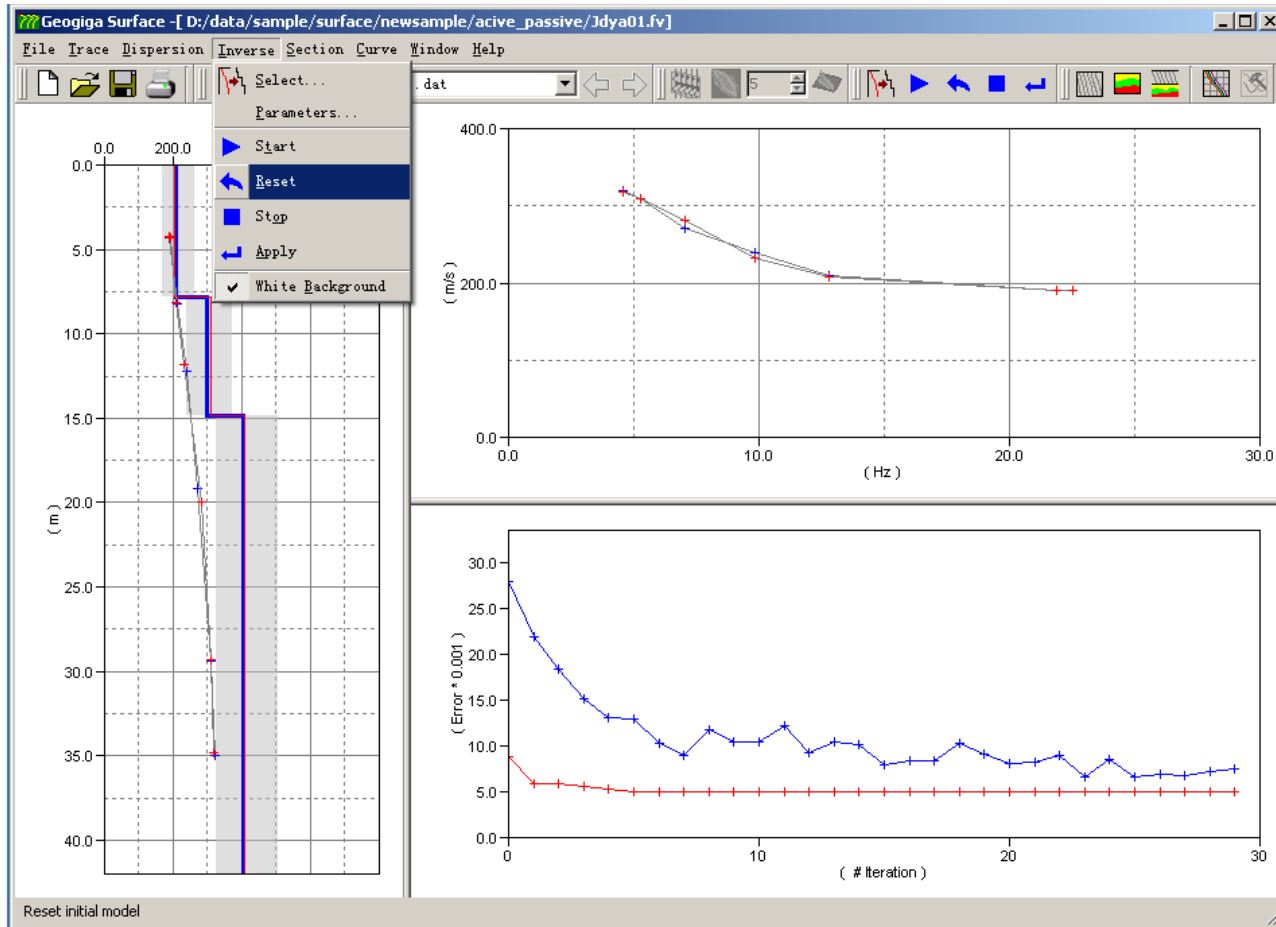
Combine Active and Passive FV Spectra within Same Record



Combine Active and Passive FV Spectra with Different Records

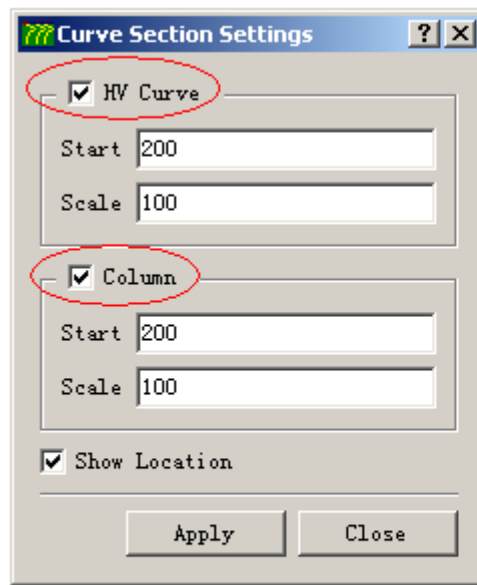


Reset Initial Model with Previous Result

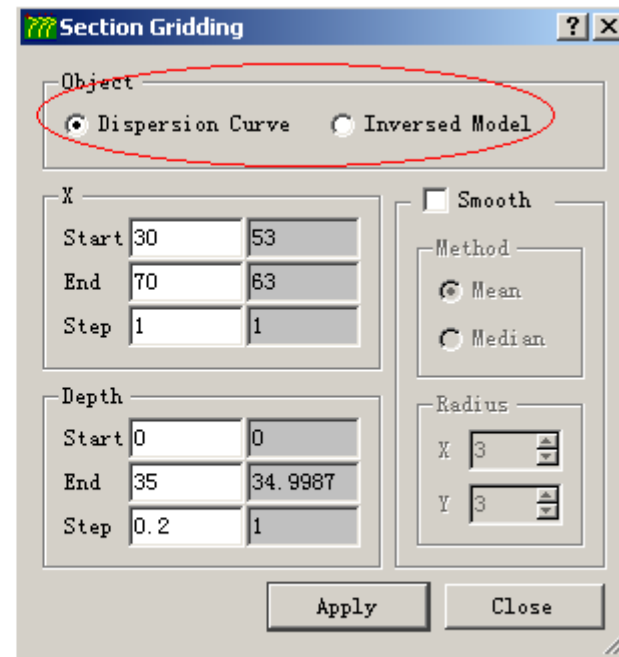


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Display Section of HV Curve or Column



Curve Section Settings



Color Section Settings

Set Anotation of Trace Group

