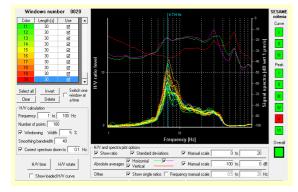
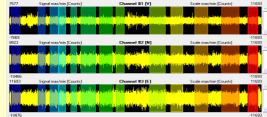
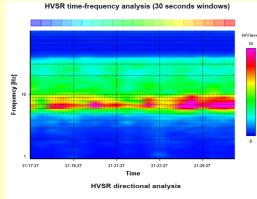


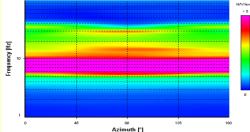
GeoExplorer HVSR

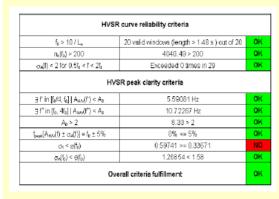


Dynamic windowing process









GeoExplorer HVSR is one of the most powerful tools on the market for H/V interpretation.

Designed with a special selection of calculation algorithms and highly structured programming GeoExplorer HVSR can perform signal analysis with an incredible efficiency!

Ease of use

With GeoExplorer HVSR you can generate a validated report in the range of 30-60 seconds of work!

As soon a signal window is selected the H/V curve appears on the result window, including absolute spectrum for quality data check.

A moving cursor allows to scan all frequencies and pinpoint the one(s) that satisfies the SESAME criteria.

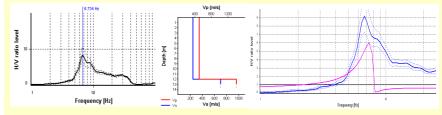
Available functions

- H/V curves generated in real time
- Signal homogeneity on the horizontal plane
- Signal and H/V ratio stability in time
- H/V and absolute spectrum overlap for fastest data quality check
- Windows selection switchable ON/OFF for better H/V curve restitution
- SESAME criteria for curve and peaks checked at all frequencies
- Programmable windowing algorithm
- Programmable smoothing
- Window selection with possible repositioning down to sample-by-sample
- AUDIO signal analysis
- Stratigraphic modeling
- Vp/Vs calculation for given stratigraphic model
- If needed the instrumental correction is possible using a respfile
 Geopsy[#] H/V format file compatibility
- Synthetic / Experimental curve comparison for VsXX (Vs30) calculation using (Geopsy[#] gpell)
- Automatic report generation in PDF format

THE FIRST HVSR SOFTWARE WITH EMBEDDED SEISMIC SIGNAL AUDIFICATION!!! Using the audification process it is possible to detect artificially generated noise (anthropic noise) which can potentially damage the quality of the survey.

System requirements

GeoExplorer HVSR runs under Windows[®] XP, Vista, 7, 8 and 10. It is recommended the use of a 17'' screen and an audio board.



*Geopsy is a powerful and open source software (GPL) available for download at www.geopsy.org.

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