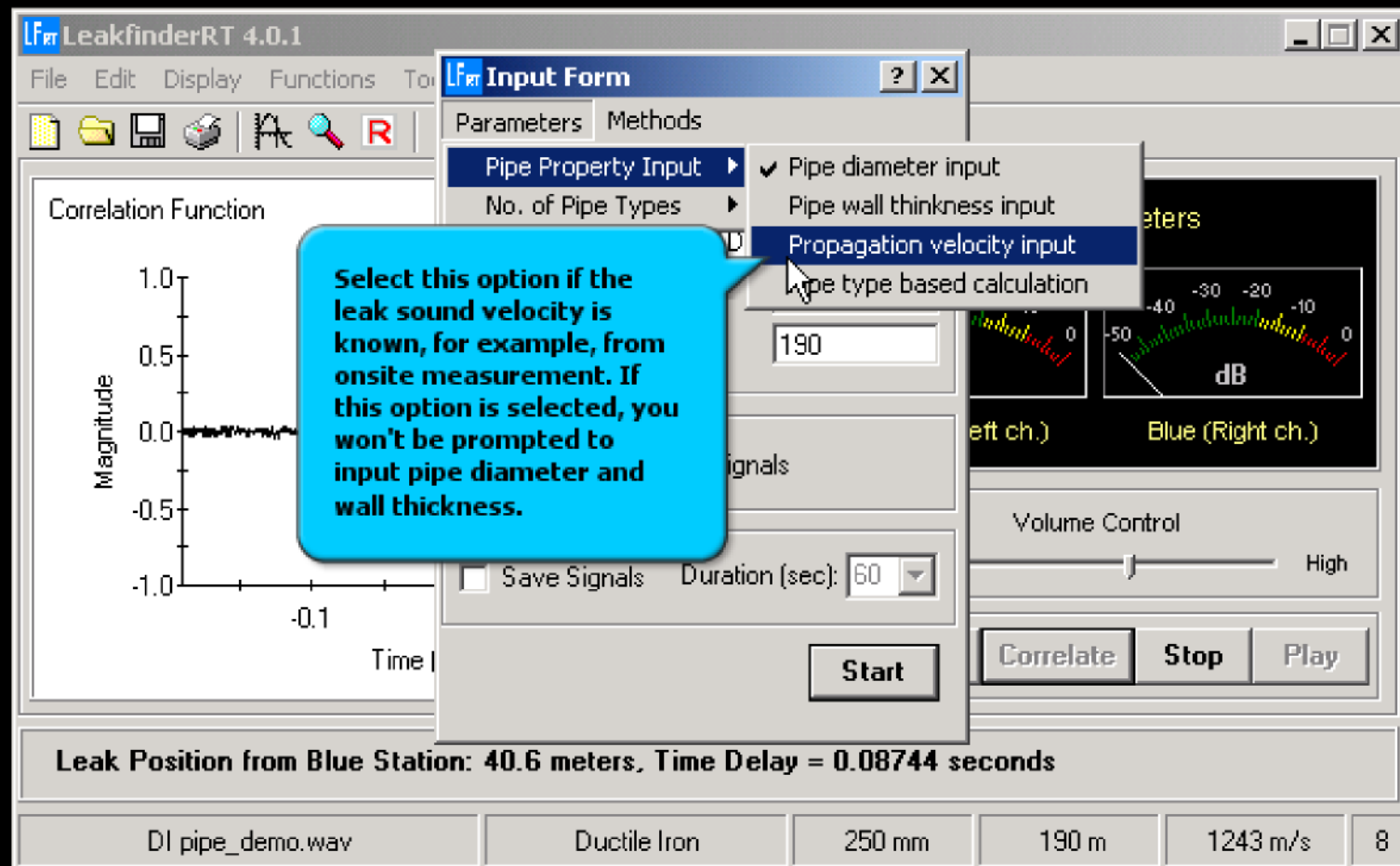
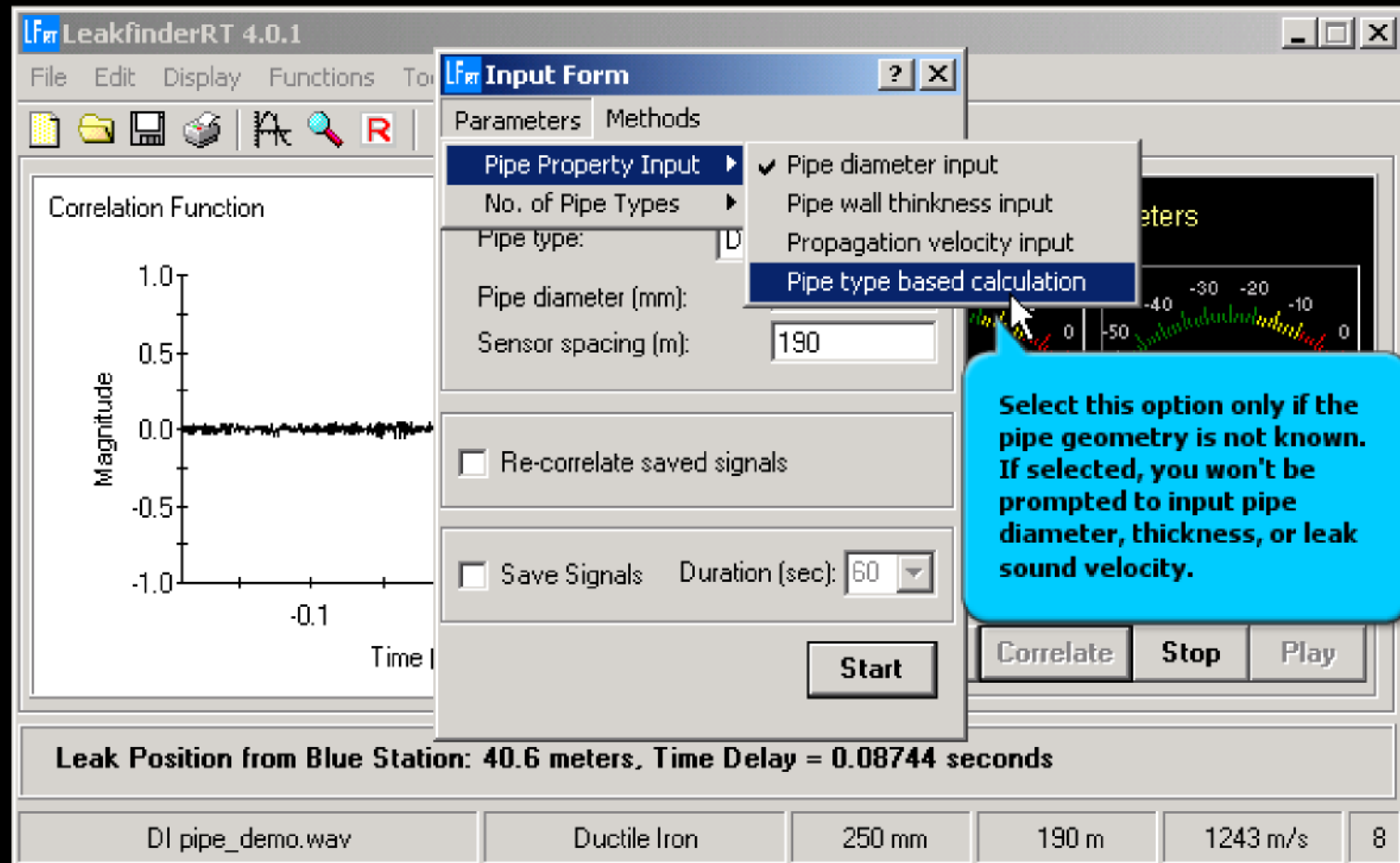


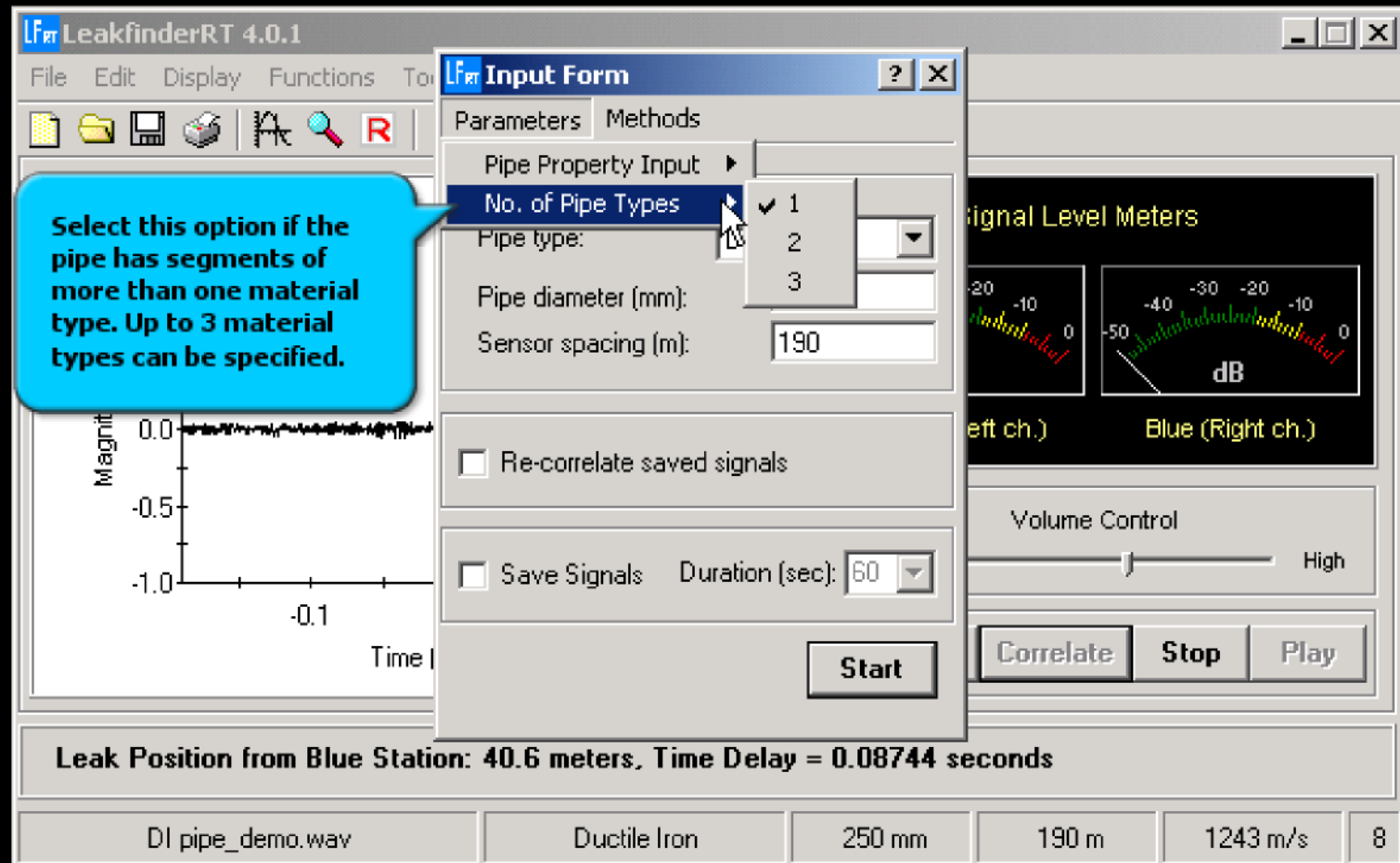
Options for pipe input parameters (leak sound velocity)



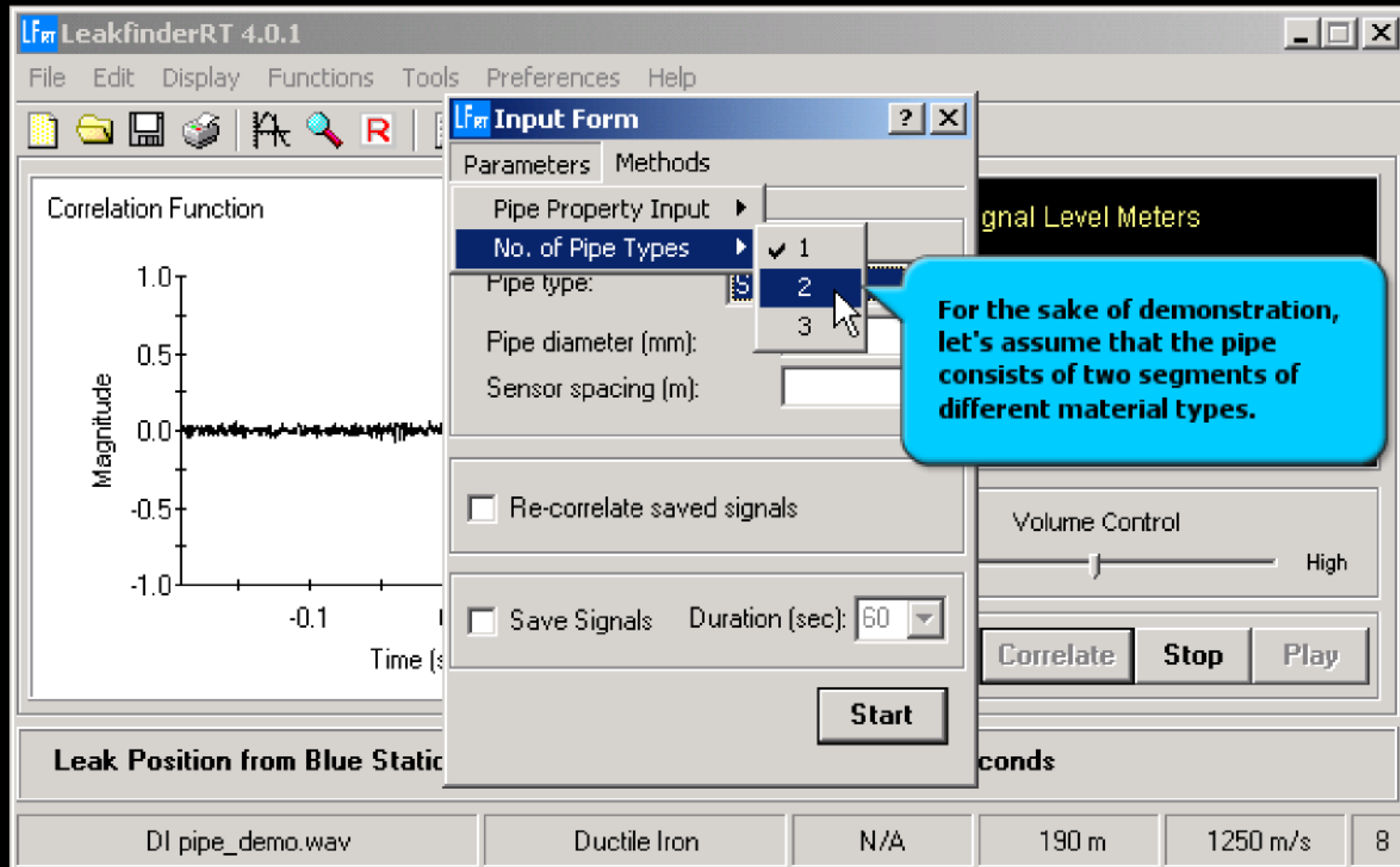
Options for pipe input parameters (unknown dimensions)



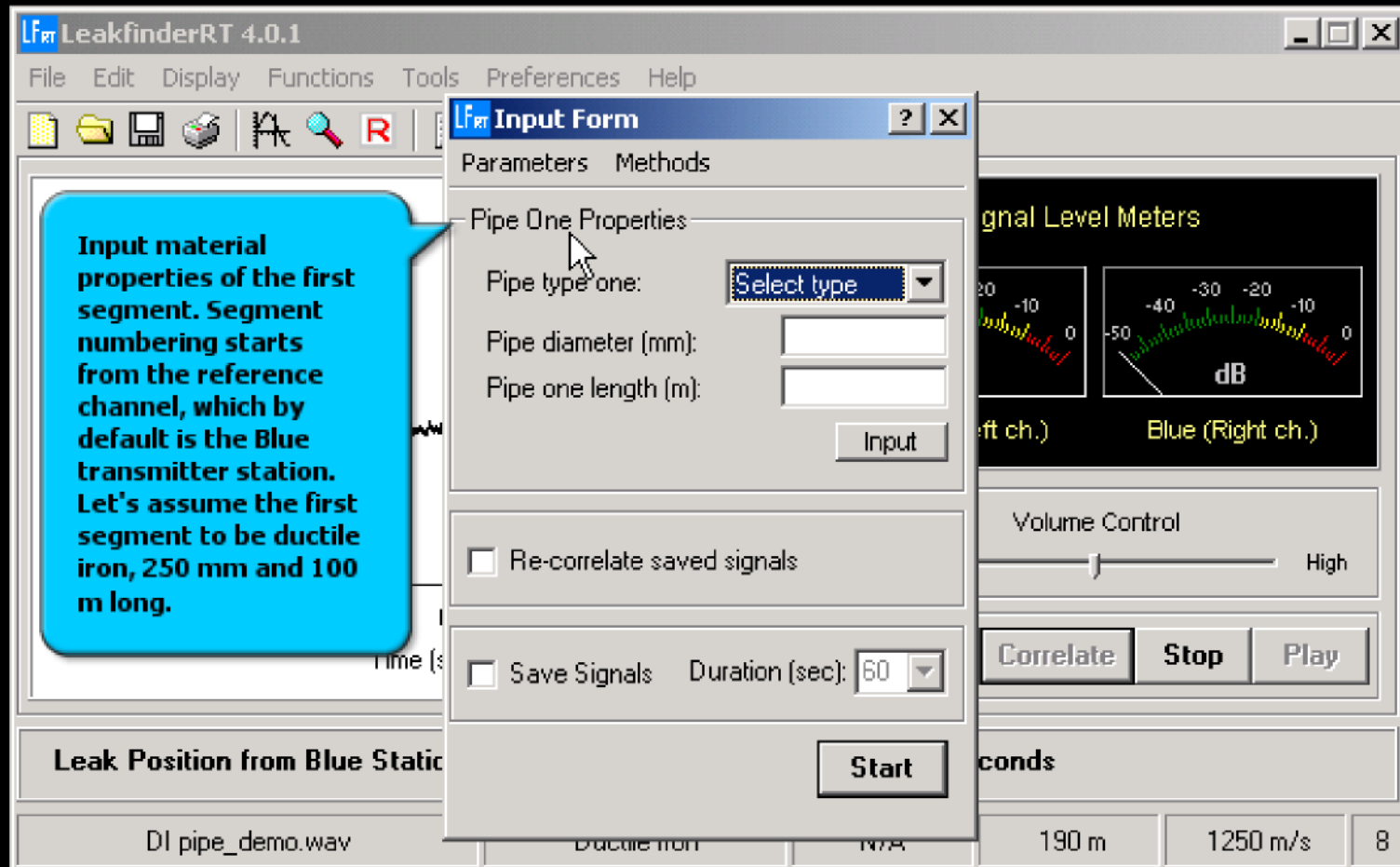
Options for pipe input parameters (multiple pipe materials 1)



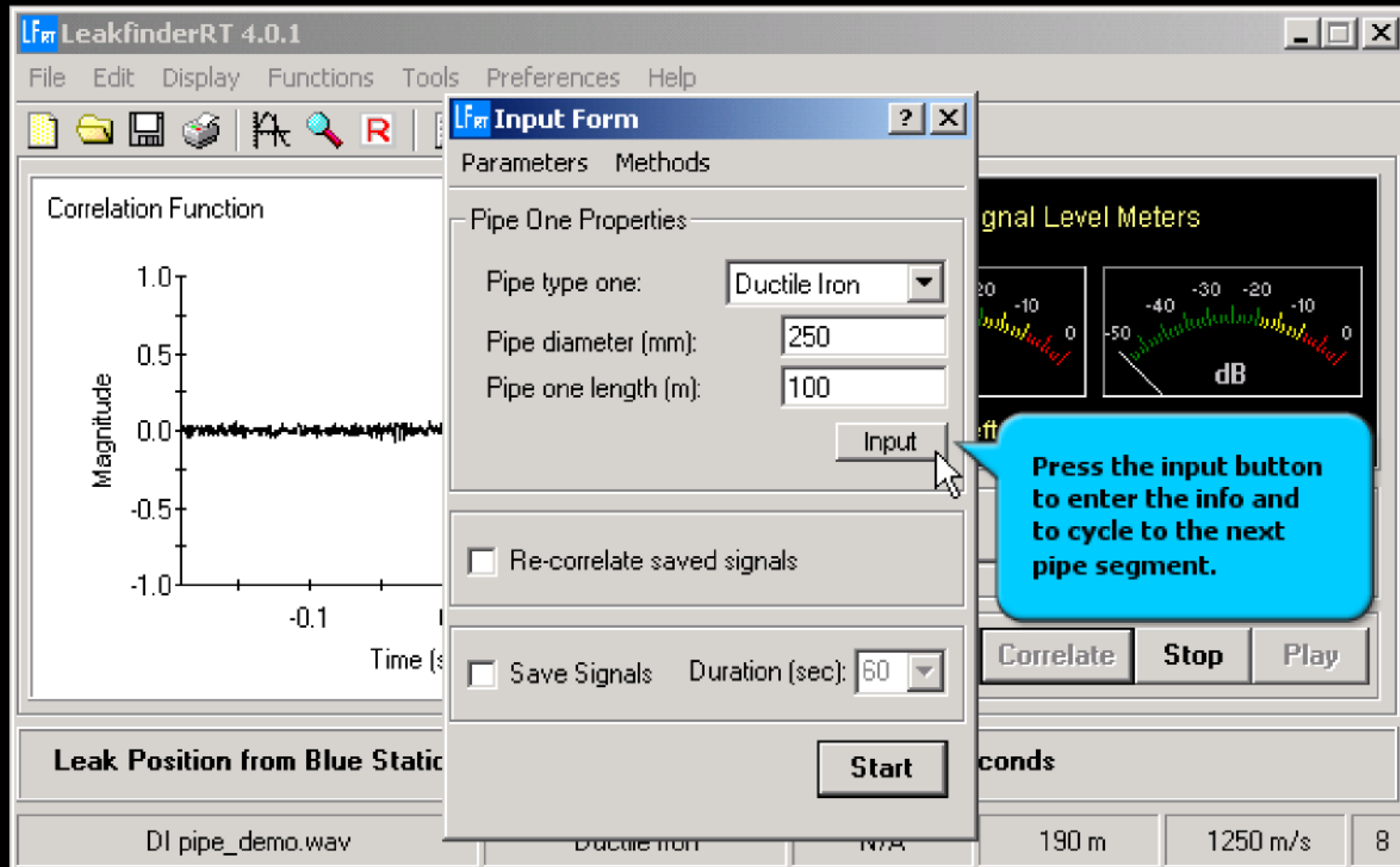
Options for pipe input parameters (multiple pipe materials 2)



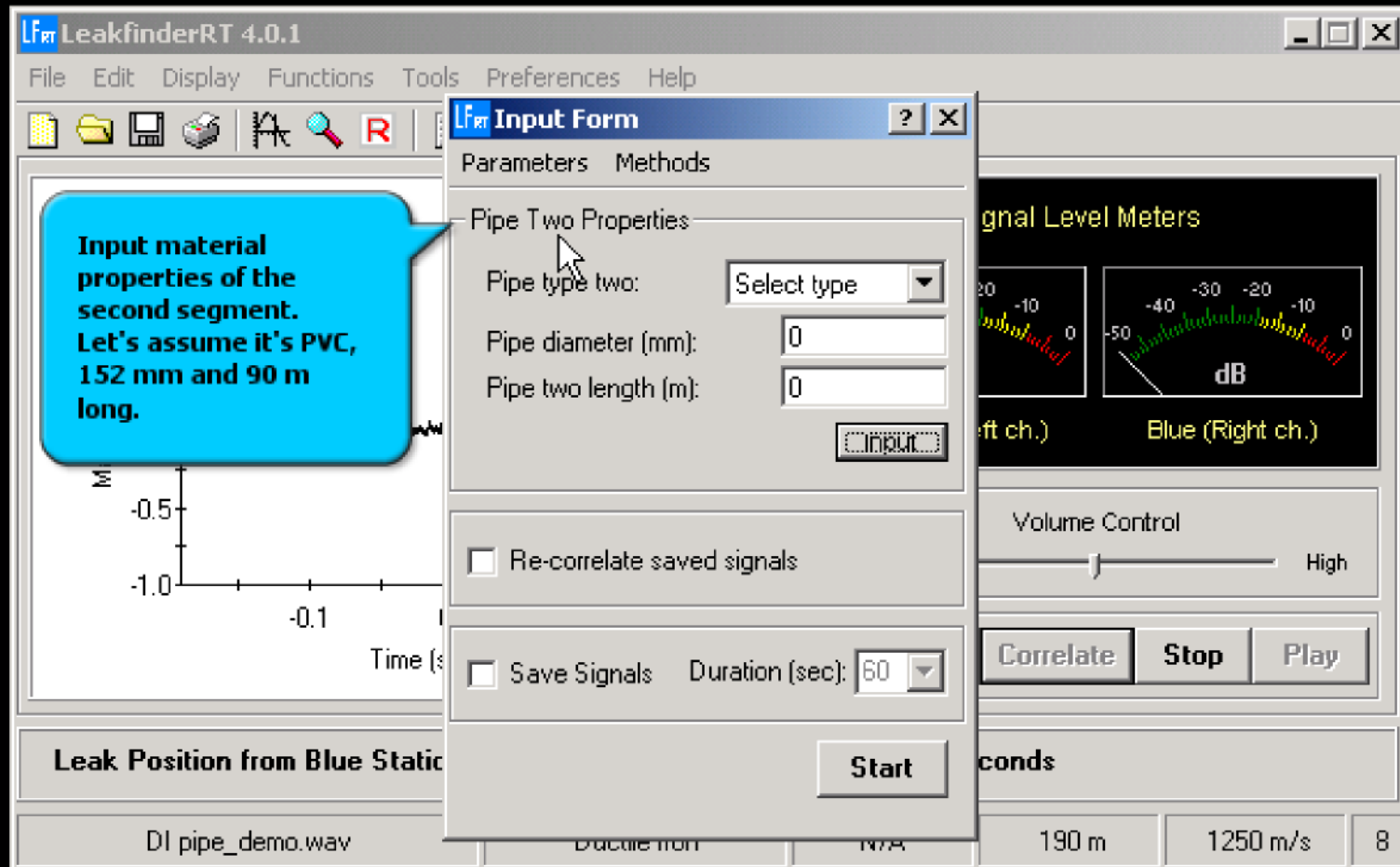
Options for pipe input parameters (multiple pipe materials 3)



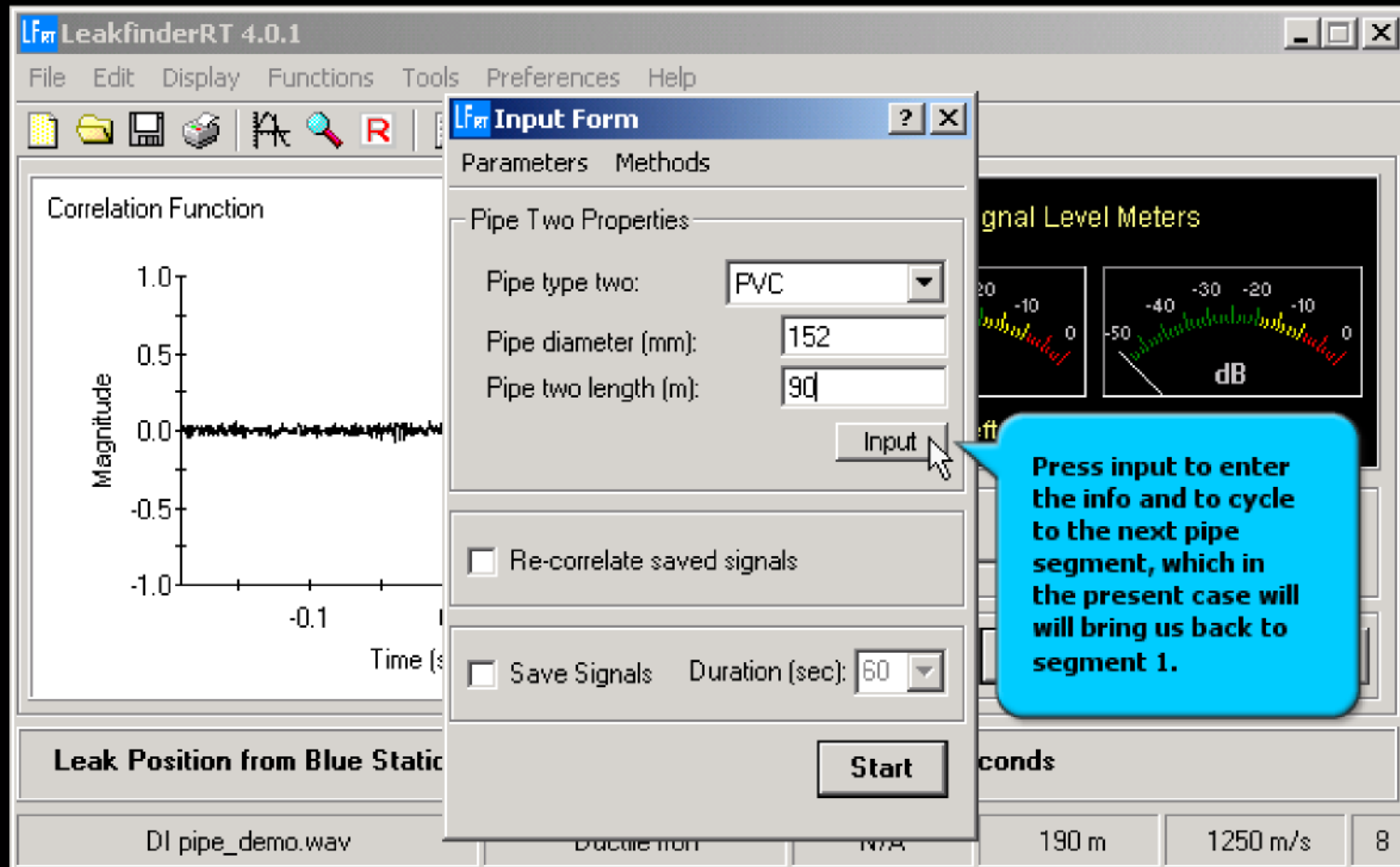
Options for pipe input parameters (multiple pipe materials 4)



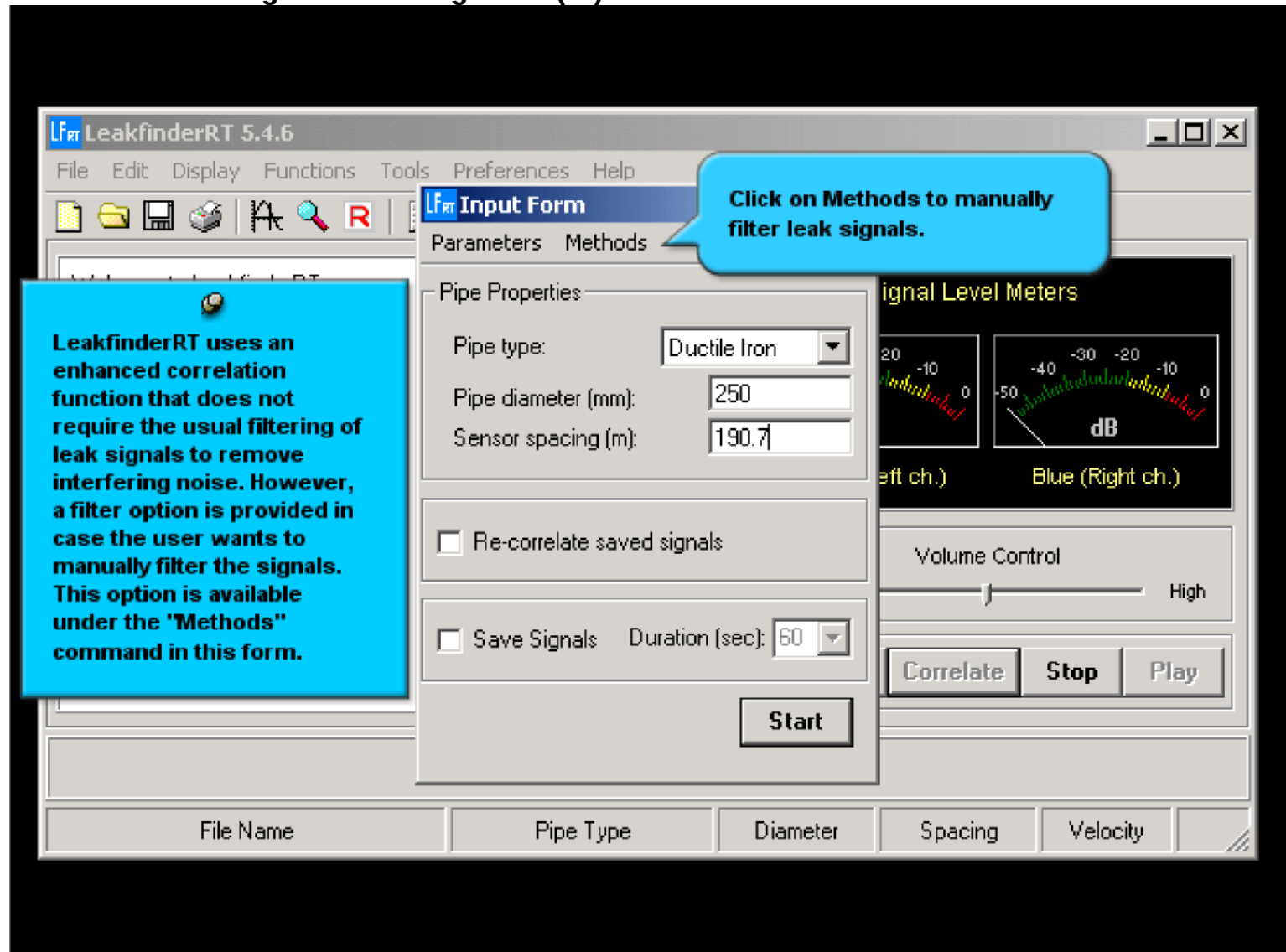
Options for pipe input parameters (multiple pipe materials 5)



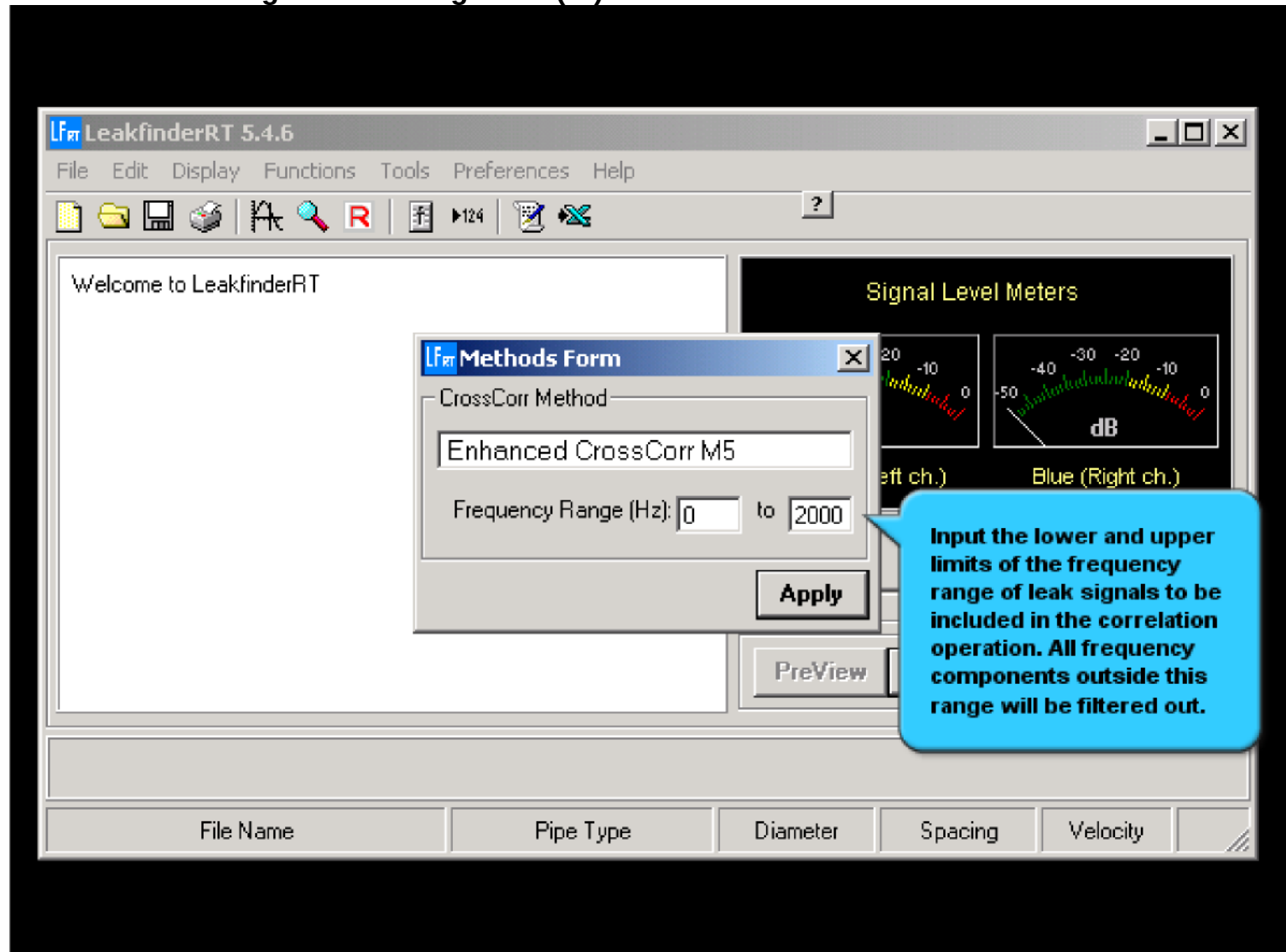
Options for pipe input parameters (multiple pipe materials 6)



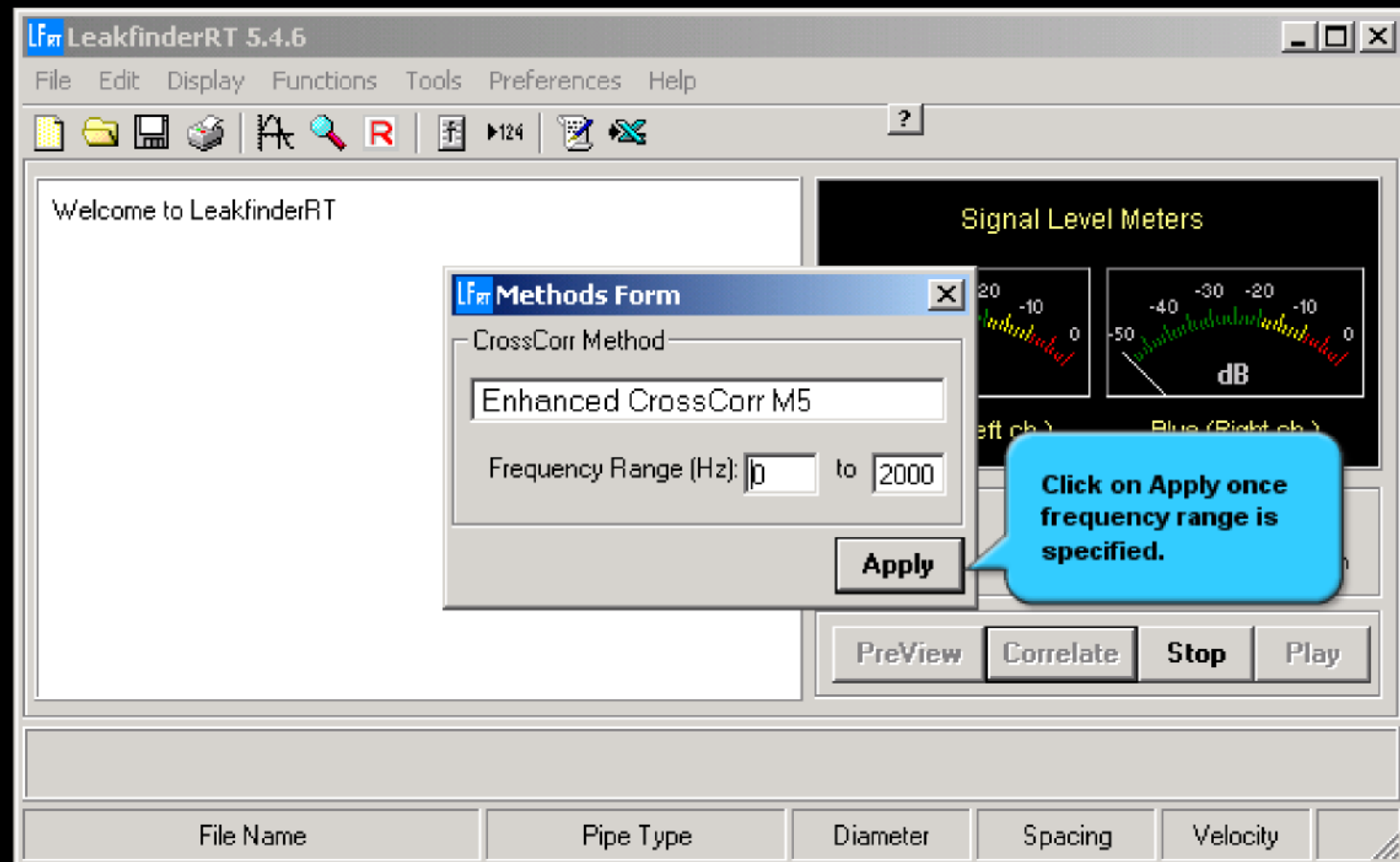
Manual filtering of leak signals (1)



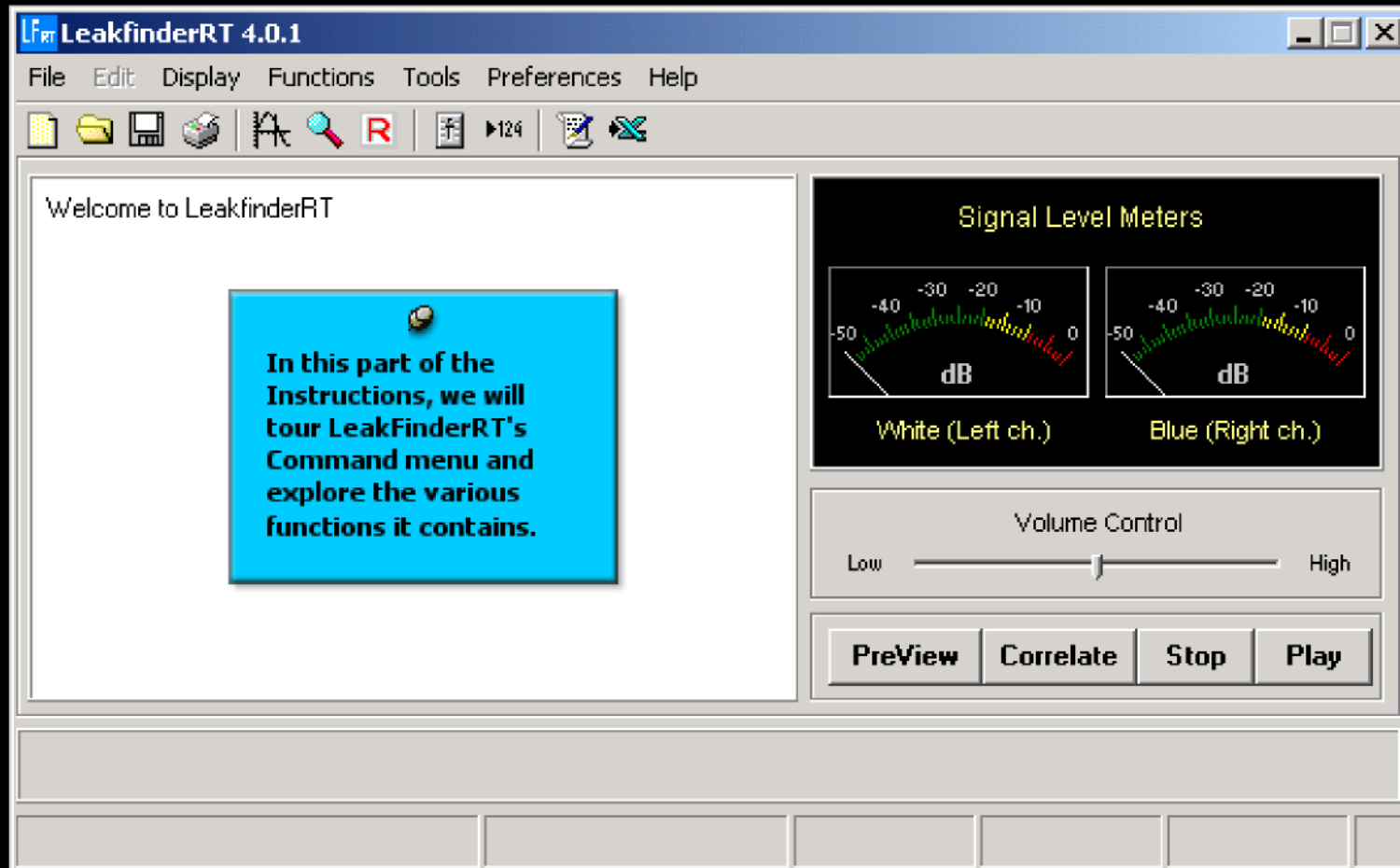
Manual filtering of leak signals (2)



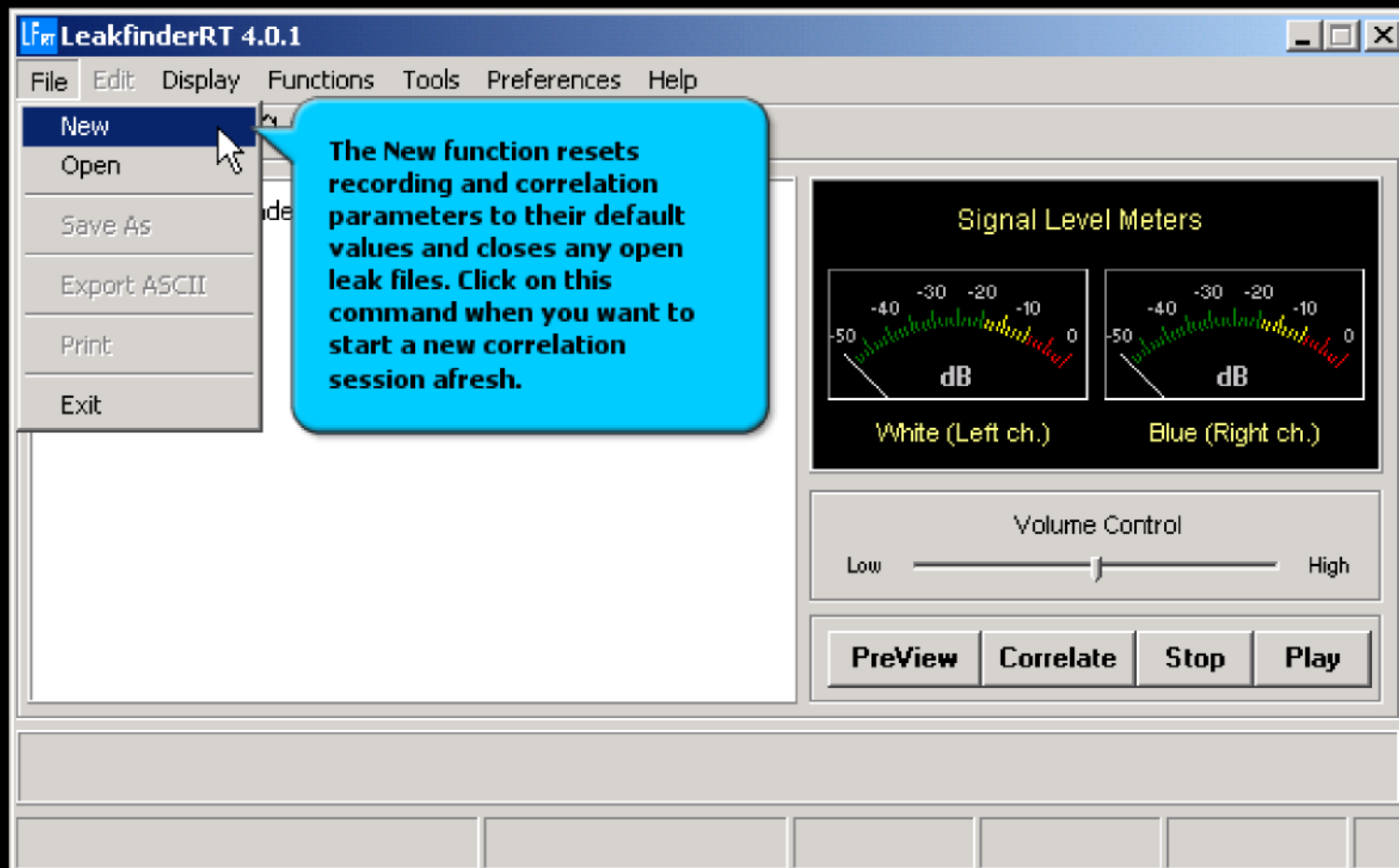
Manual filtering of leak signals (3)



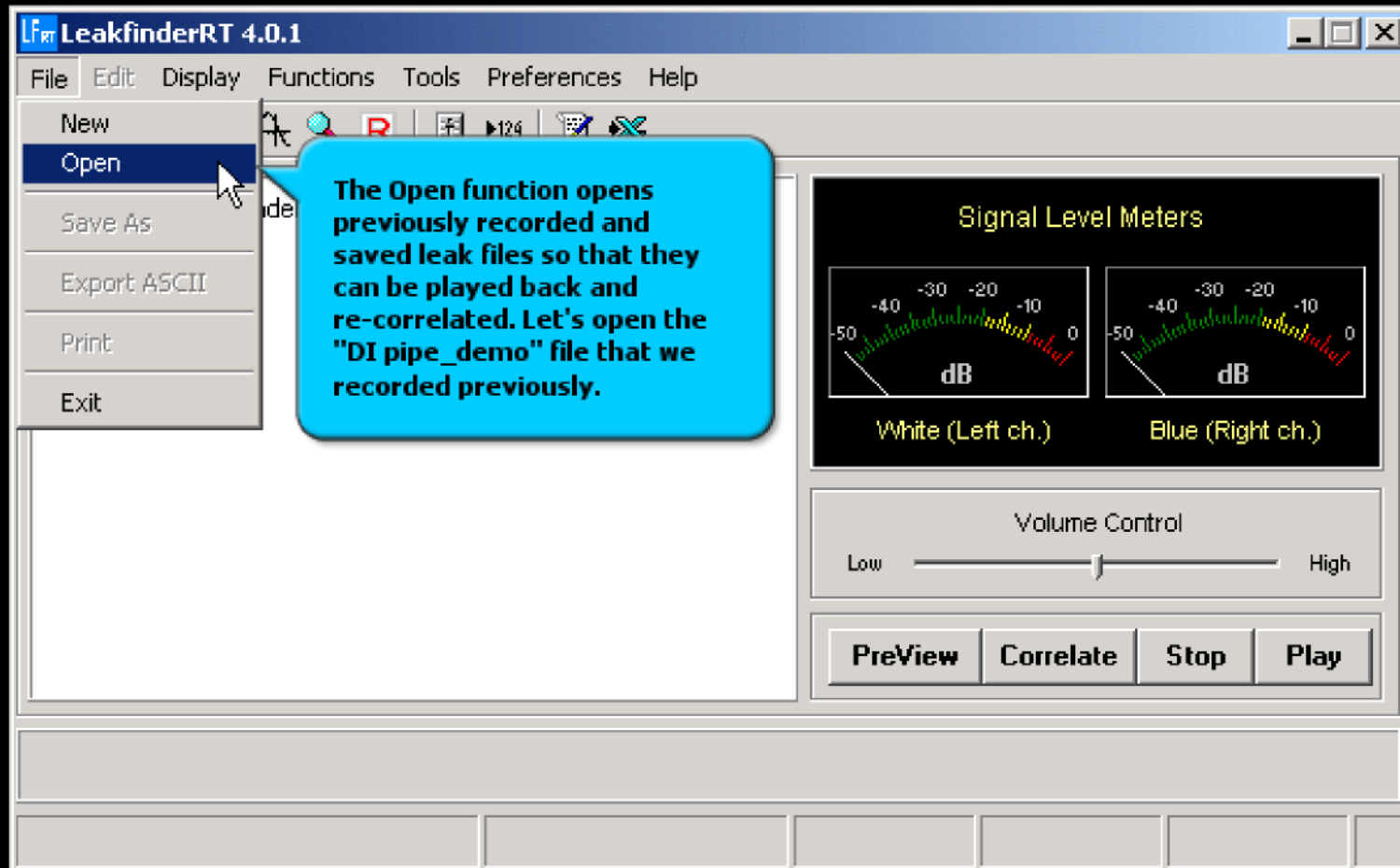
Command menus



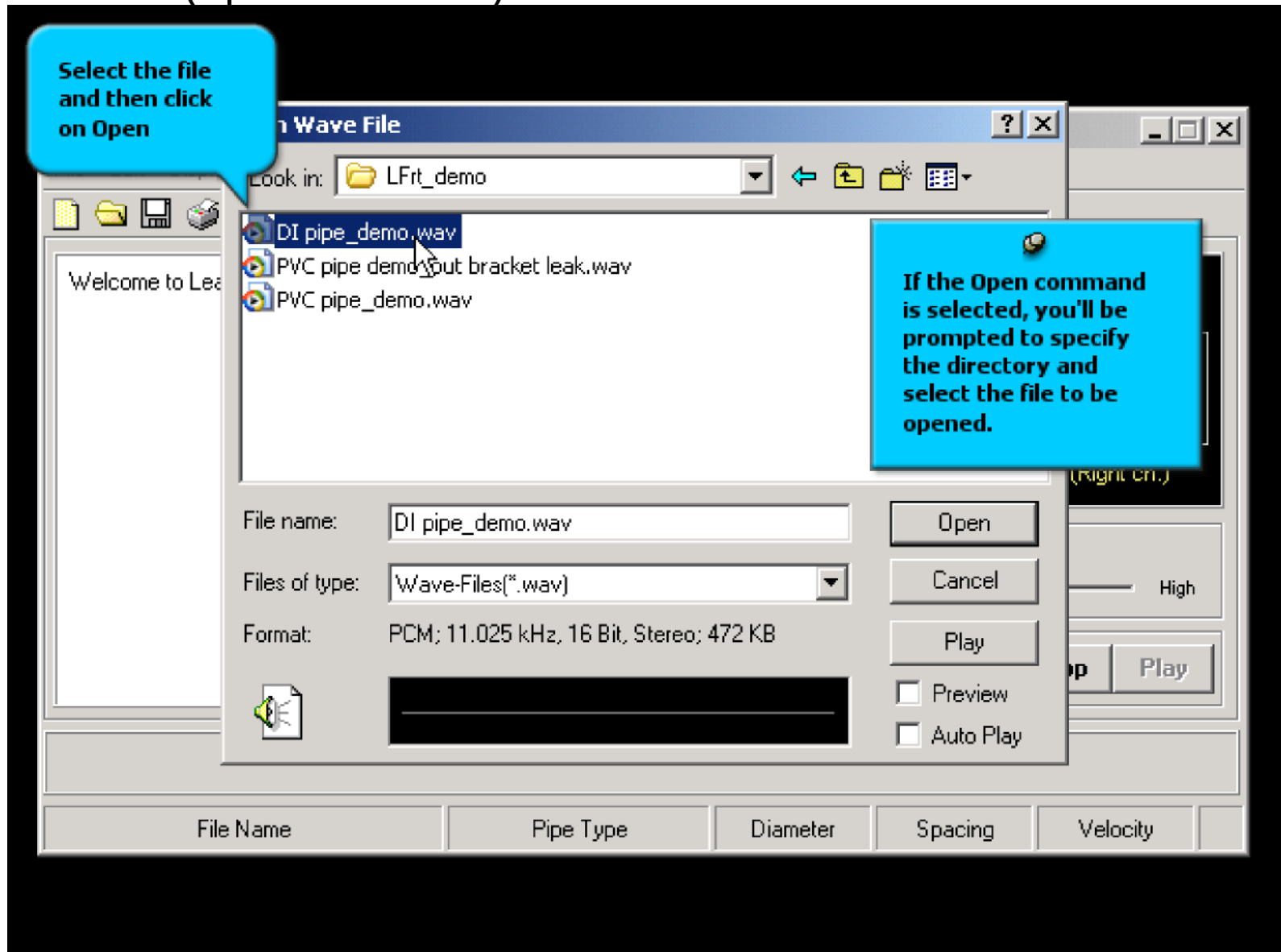
File menu (New command)



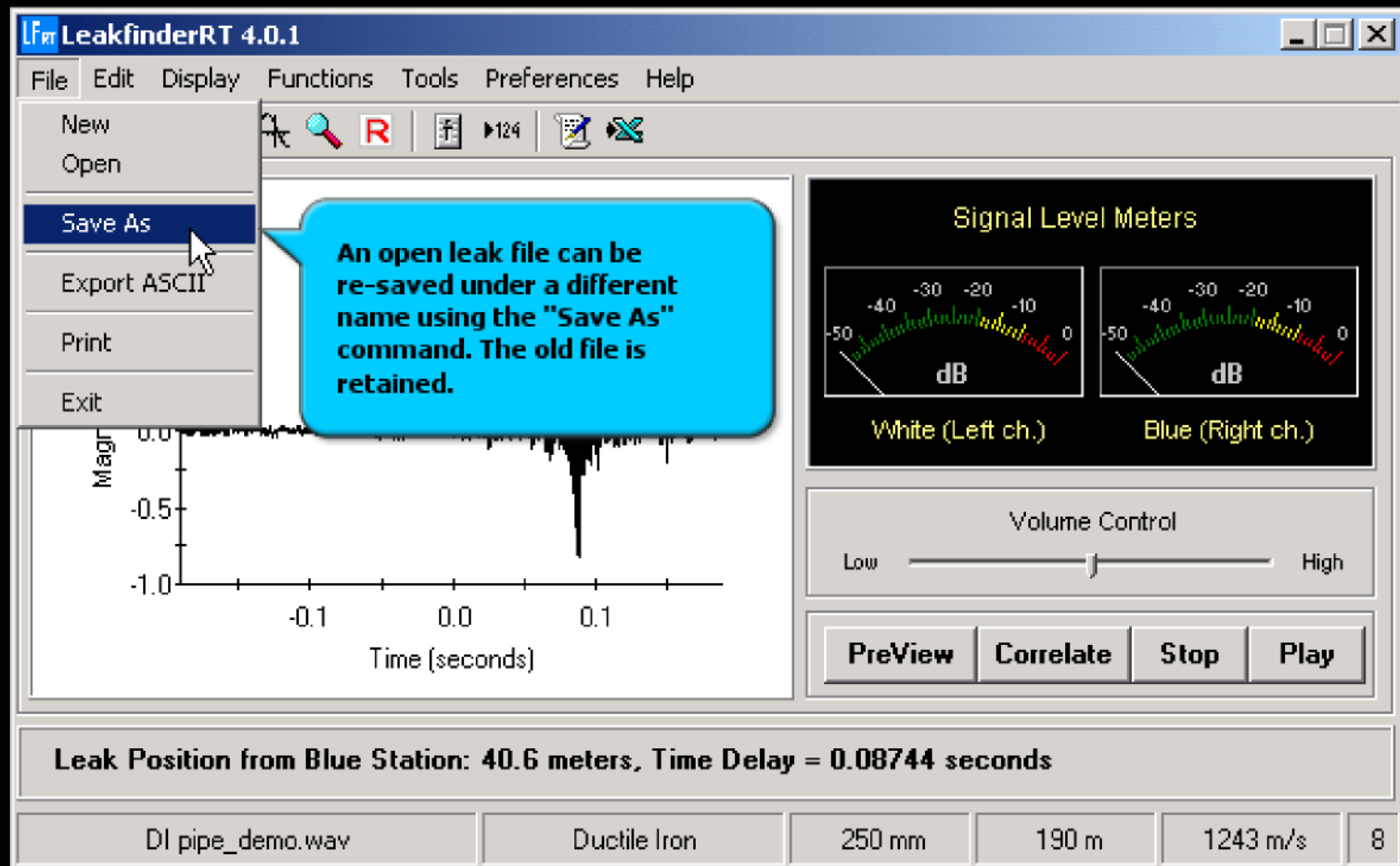
File menu (Open command 1)



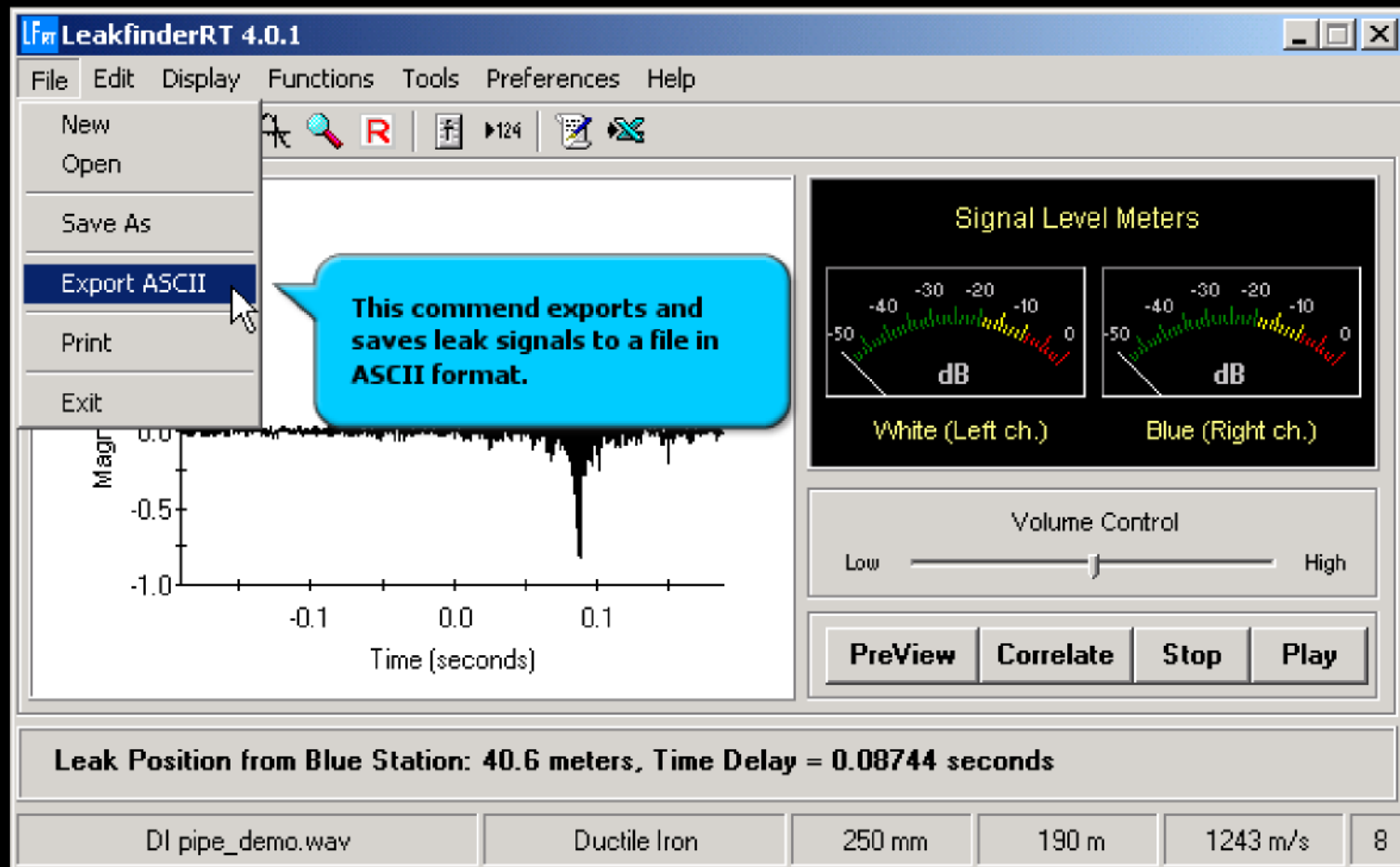
File menu (Open command 2)



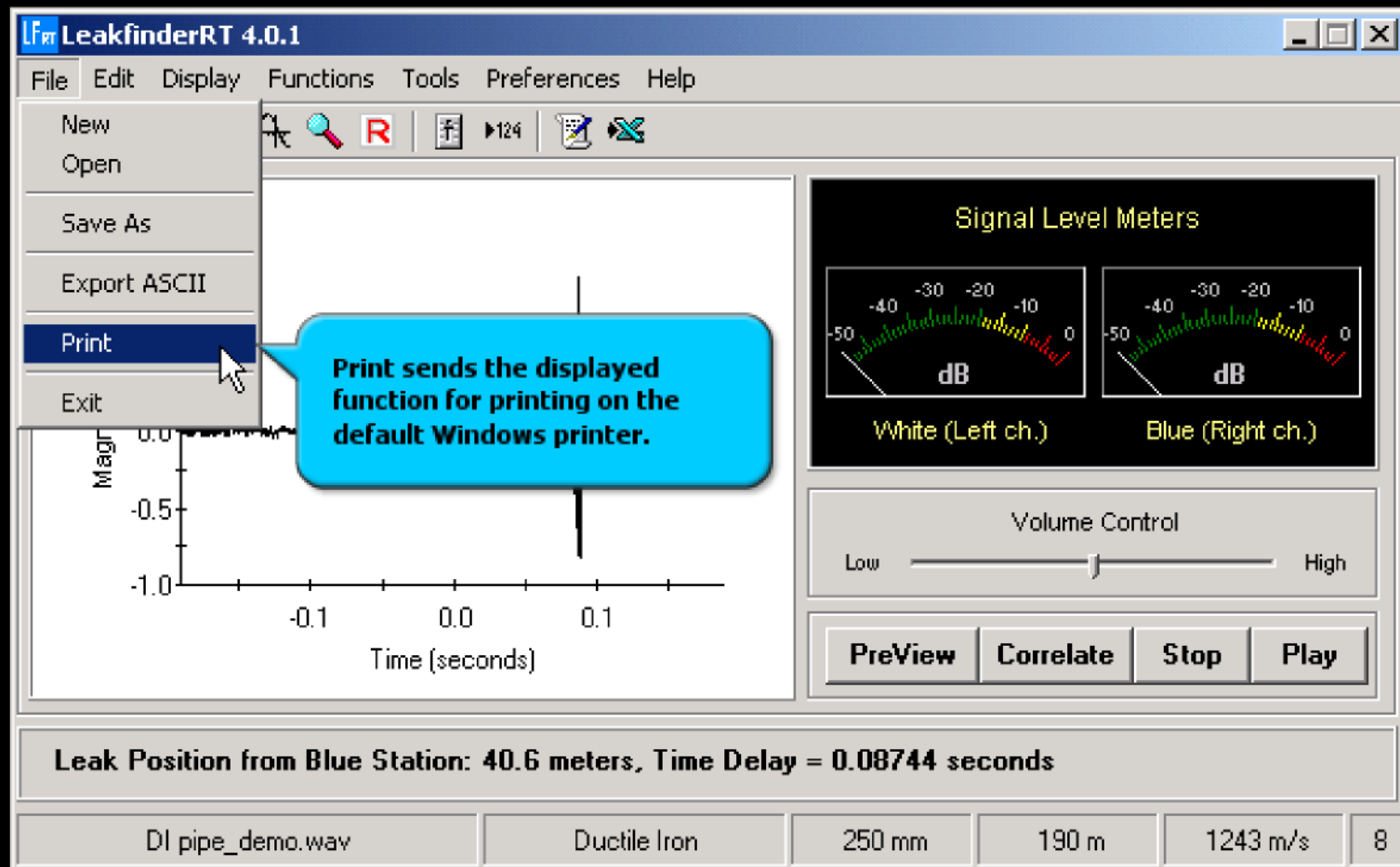
File menu (Save As command)



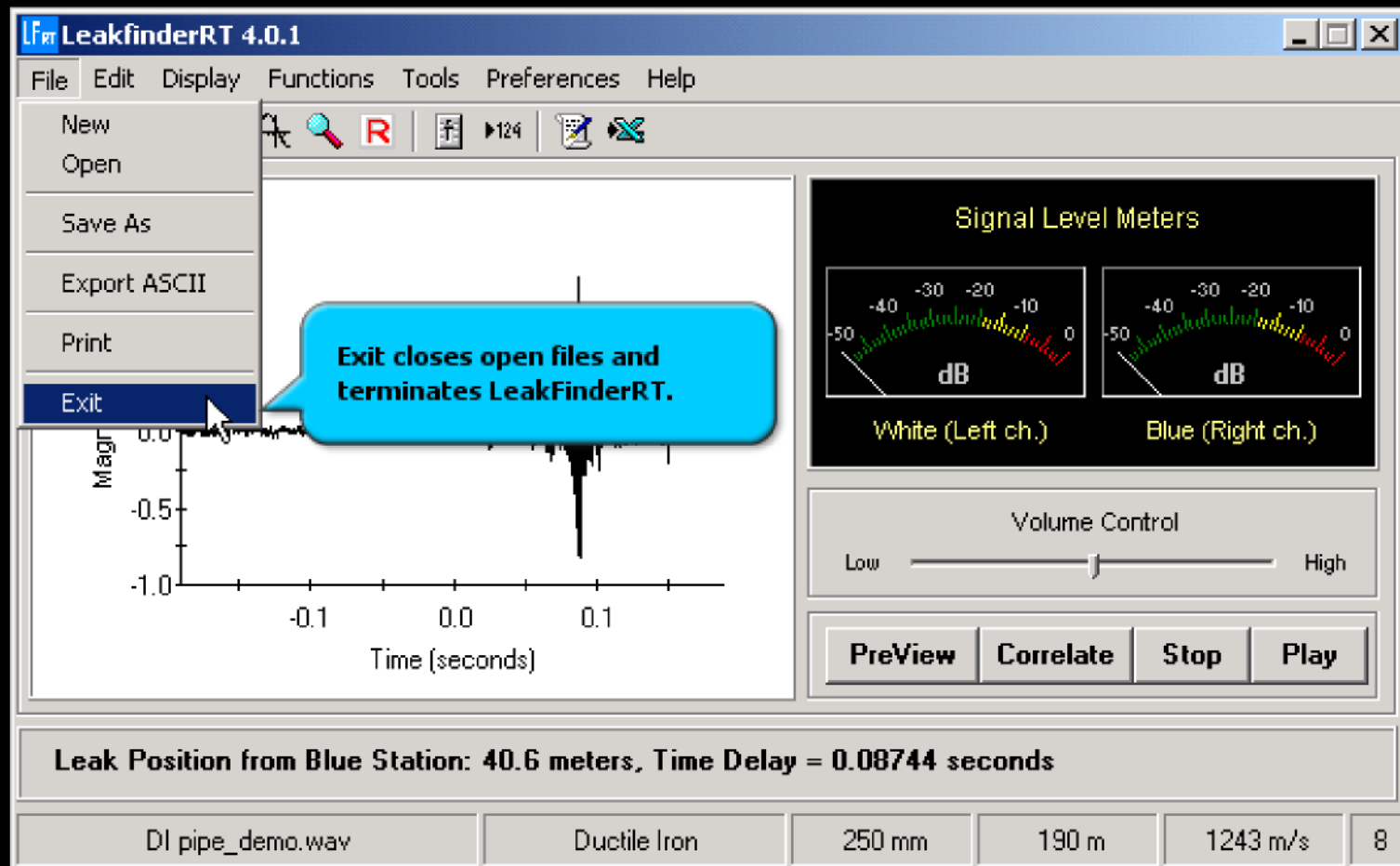
File menu (Export ASCII command)



File menu (Print command)



File menu (Exit command)



Edit menu (Copy command)

The screenshot displays the LeakfinderRT 4.0.3 software interface. The 'Edit' menu is open, showing options: Copy, Zoom, Reset, and Cursor. A blue callout box points to the 'Copy' option with the text: "The copy function copies the graph in the display window to Windows clipboard for pasting in other applications, e.g., Word or Excel."

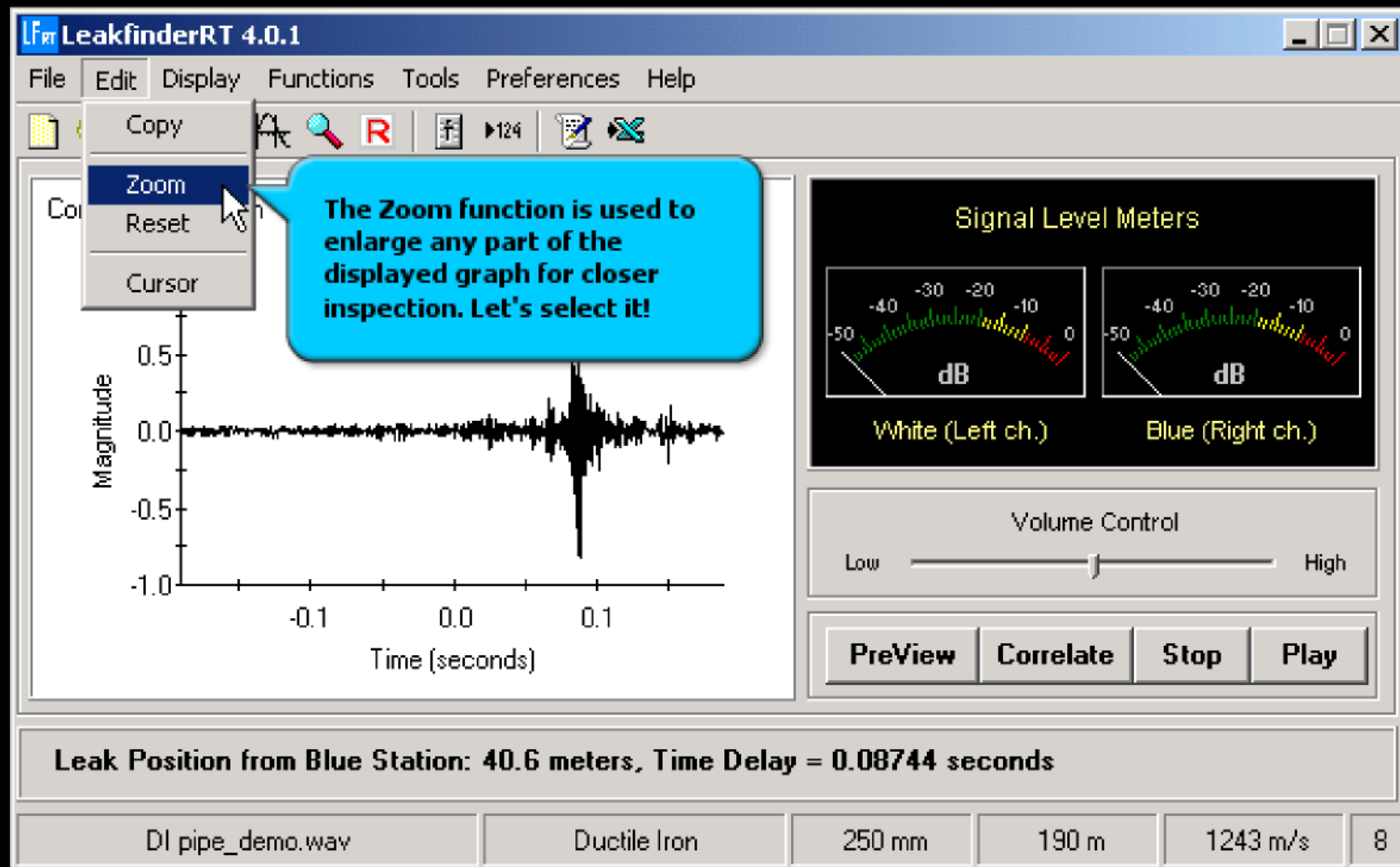
The main display window shows a graph of Magnitude (Y-axis, ranging from -1.0 to 0.5) versus Time (seconds) (X-axis, ranging from -0.1 to 0.1). The graph displays a signal waveform with a prominent peak around 0.08 seconds.

On the right side, there are two Signal Level Meters (dB) labeled "White (Left ch.)" and "Blue (Right ch.)". Below these meters is a Volume Control slider (Low to High) and buttons for PreView, Correlate, Stop, and Play.

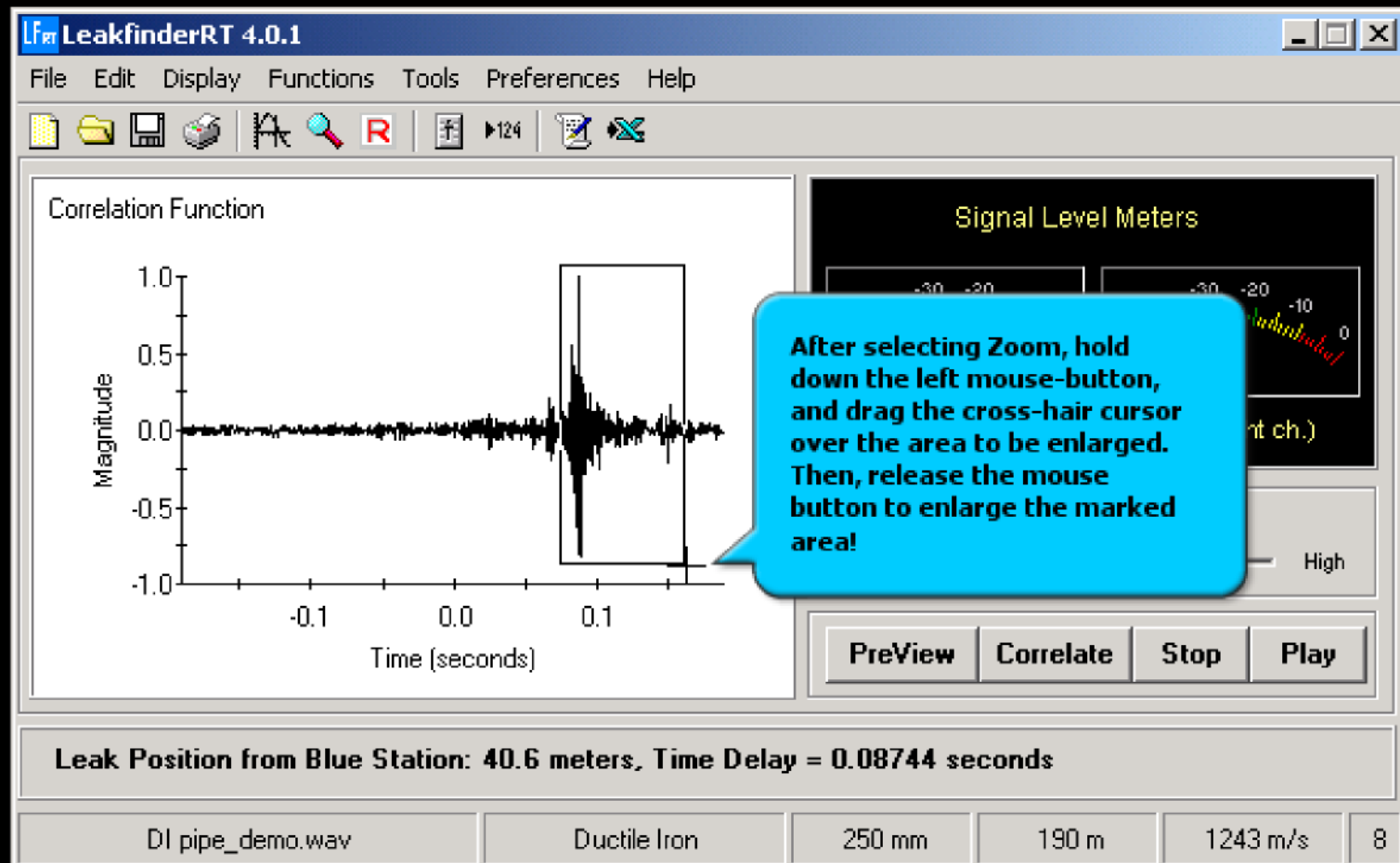
At the bottom, a status bar displays the following information:

- Leak Position from Blue Station: 40.6 meters, Time Delay = 0.08744 seconds
- DI pipe_demo.wav
- Ductile Iron
- 250 mm
- 190 m
- 1243 m/s
- 8

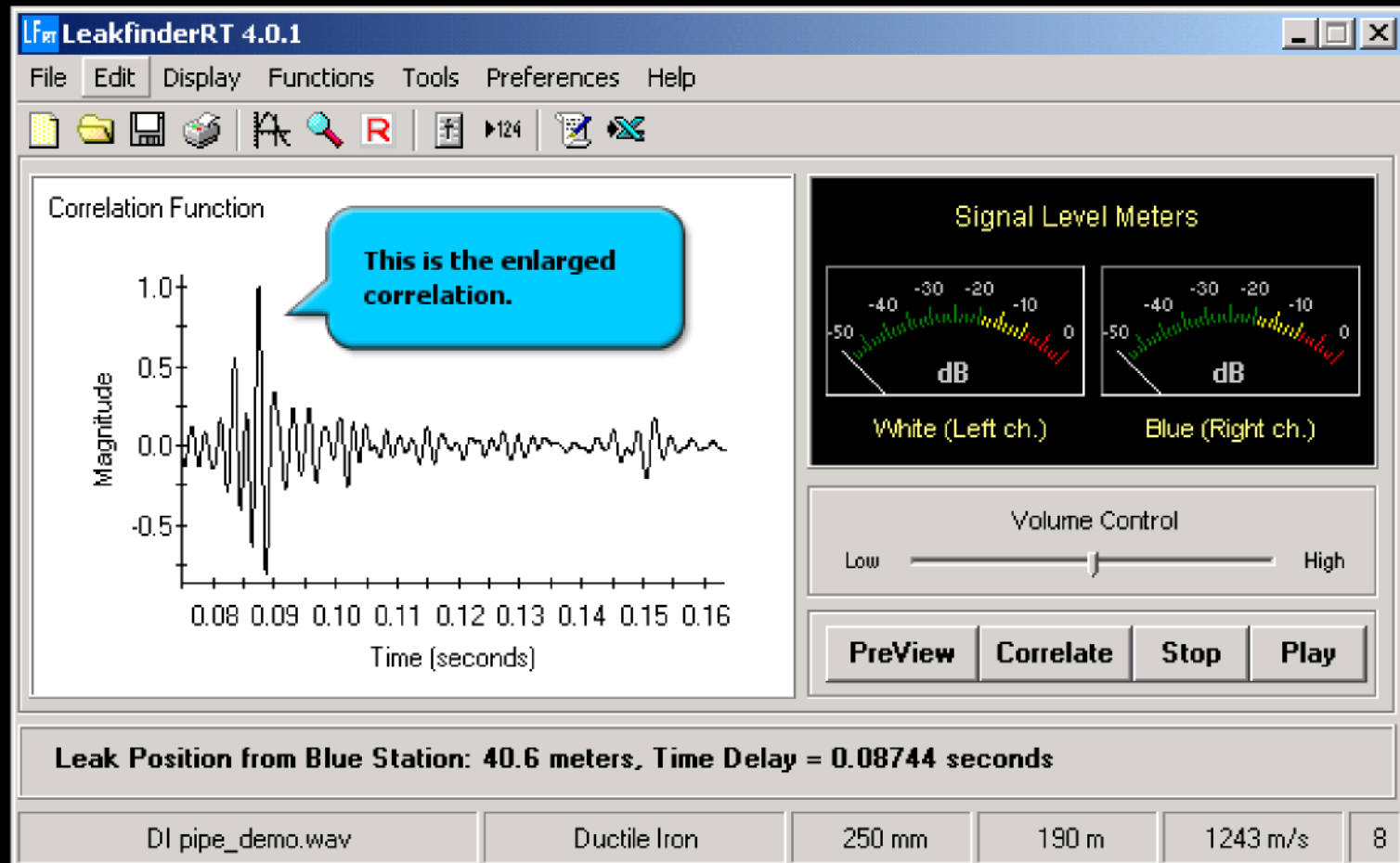
Edit menu (Zoom command 1)



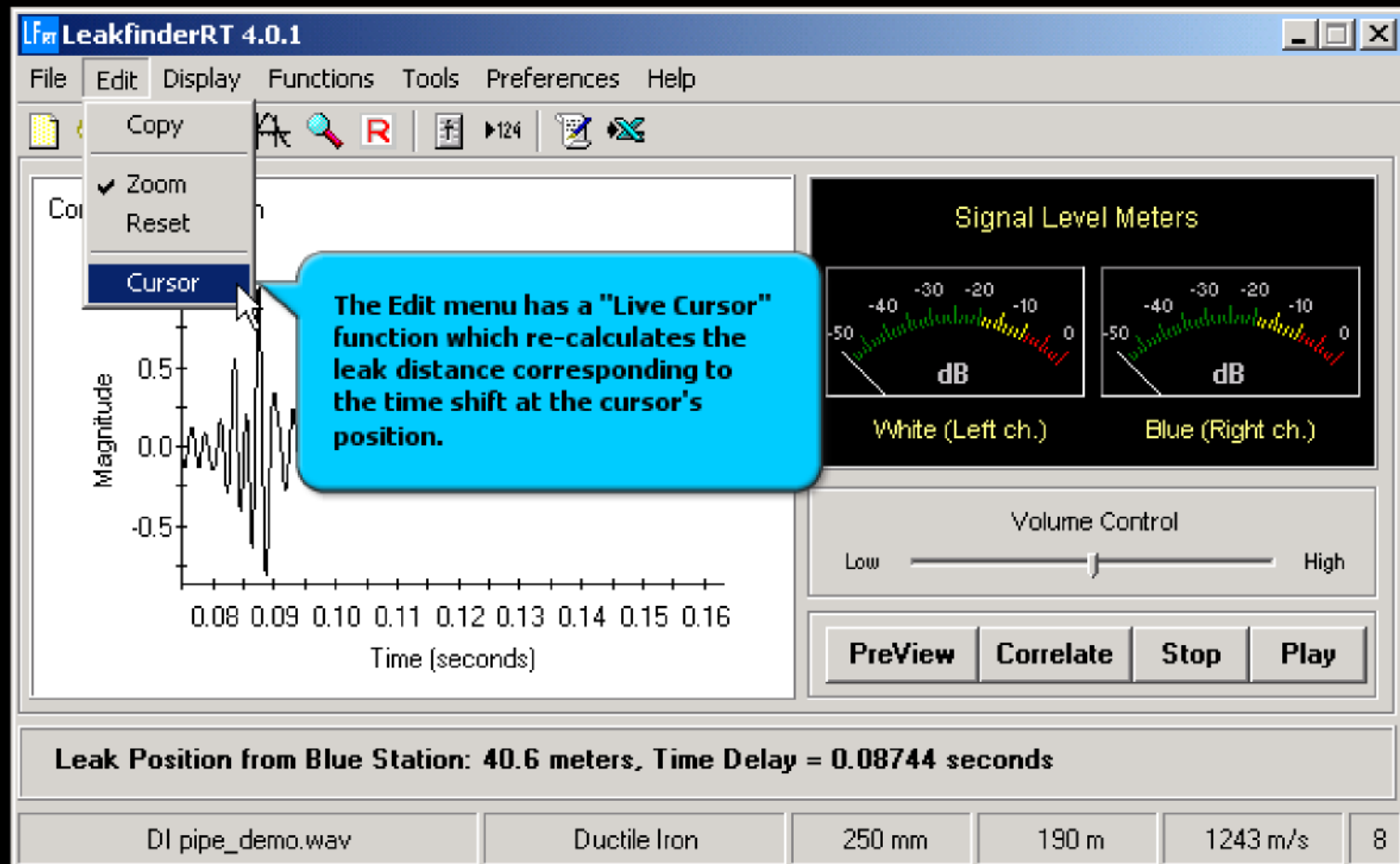
Edit menu (Zoom command 2)



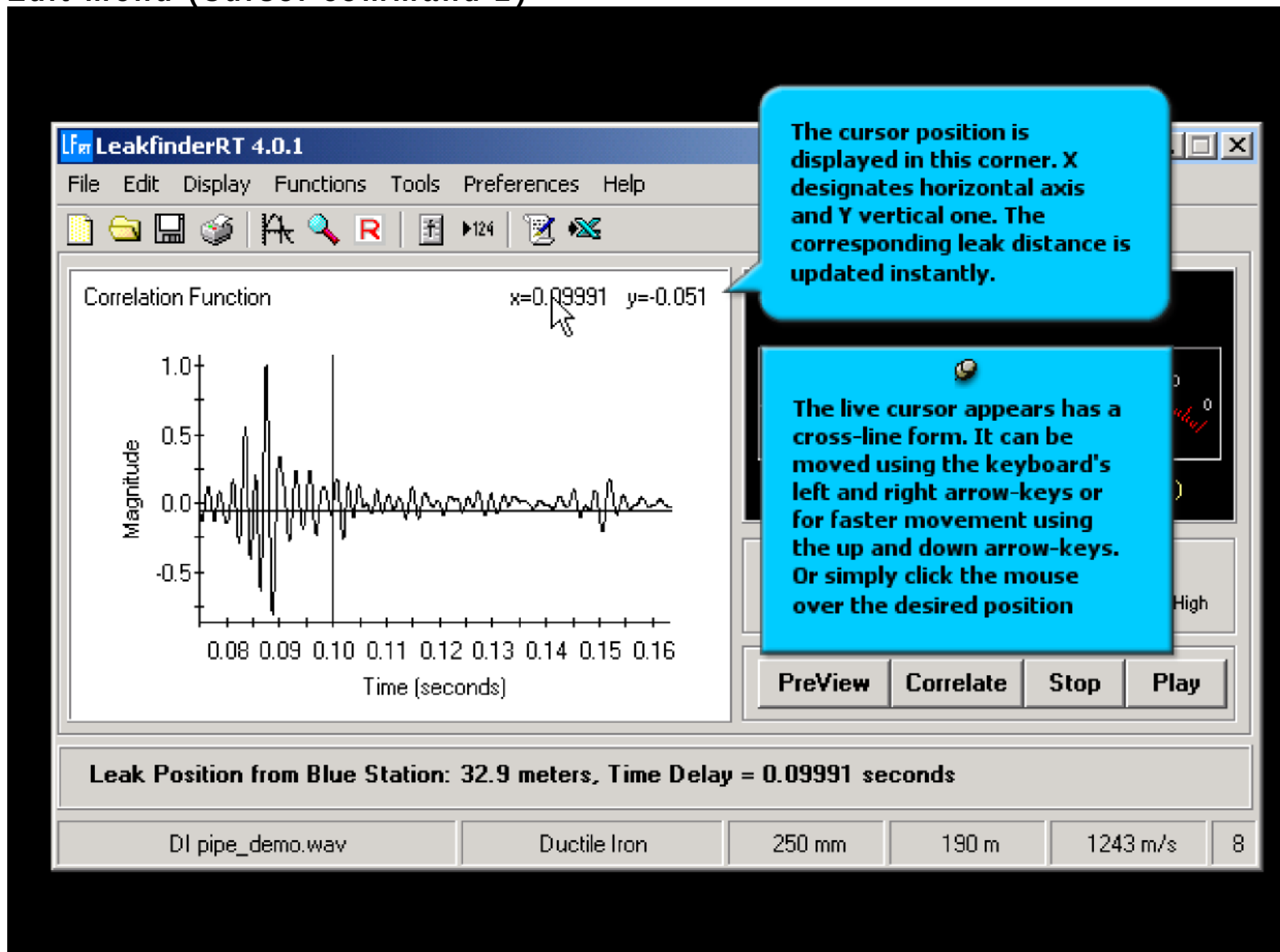
Edit menu (Zoom command 3)



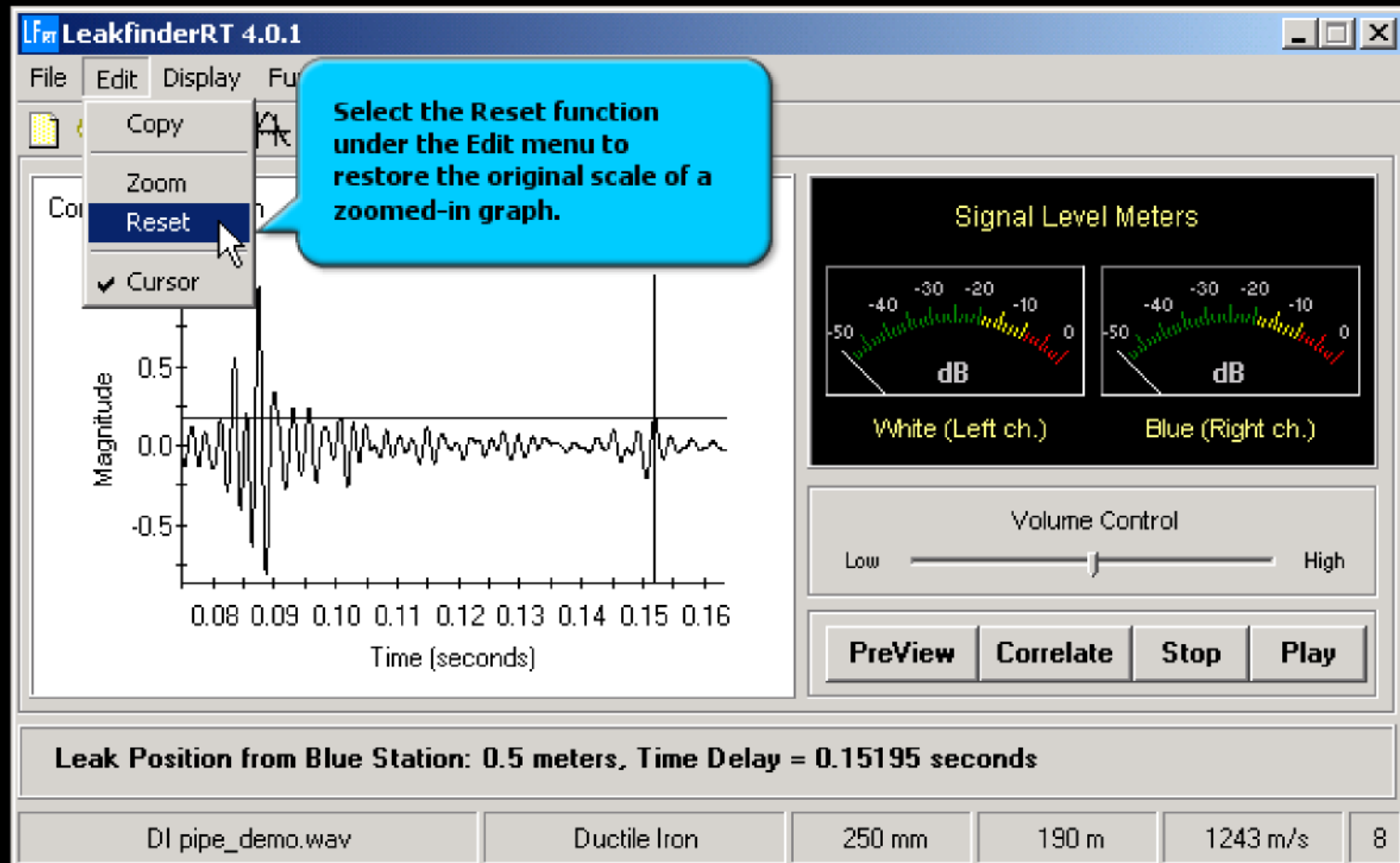
Edit menu (Cursor command 1)



Edit menu (Cursor command 2)



Edit menu (Reset command)



Display menu

The screenshot shows the LeakfinderRT 4.0.1 software interface. The **Display** menu is open, showing the following options:

- Blue station time signal
- White station time signal
- Blue station frequency spectrum Ctrl+R
- White station frequency spectrum Ctrl+L
- Coherence function Ctrl+H
- ✓ Correlation function Ctrl+C

The main display area shows a **Correlation** plot with **Magnitude** on the y-axis (ranging from -1.0 to 1.0) and **Time (seconds)** on the x-axis (ranging from -0.1 to 0.1). The plot shows a sharp peak at approximately 0.08744 seconds.

A callout box states: **LeakfinderRT provides the option of displaying several other functions in addition to correlation. These include time history, frequency spectra, and coherence function of leak signals. This option is available under the Display menu.**

On the right side of the interface, there are two dB meters labeled **White (Left ch.)** and **Blue (Right ch.)**. Below them is a **Volume Control** slider ranging from **Low** to **High**. At the bottom, there are four buttons: **PreView**, **Correlate**, **Stop**, and **Play**.

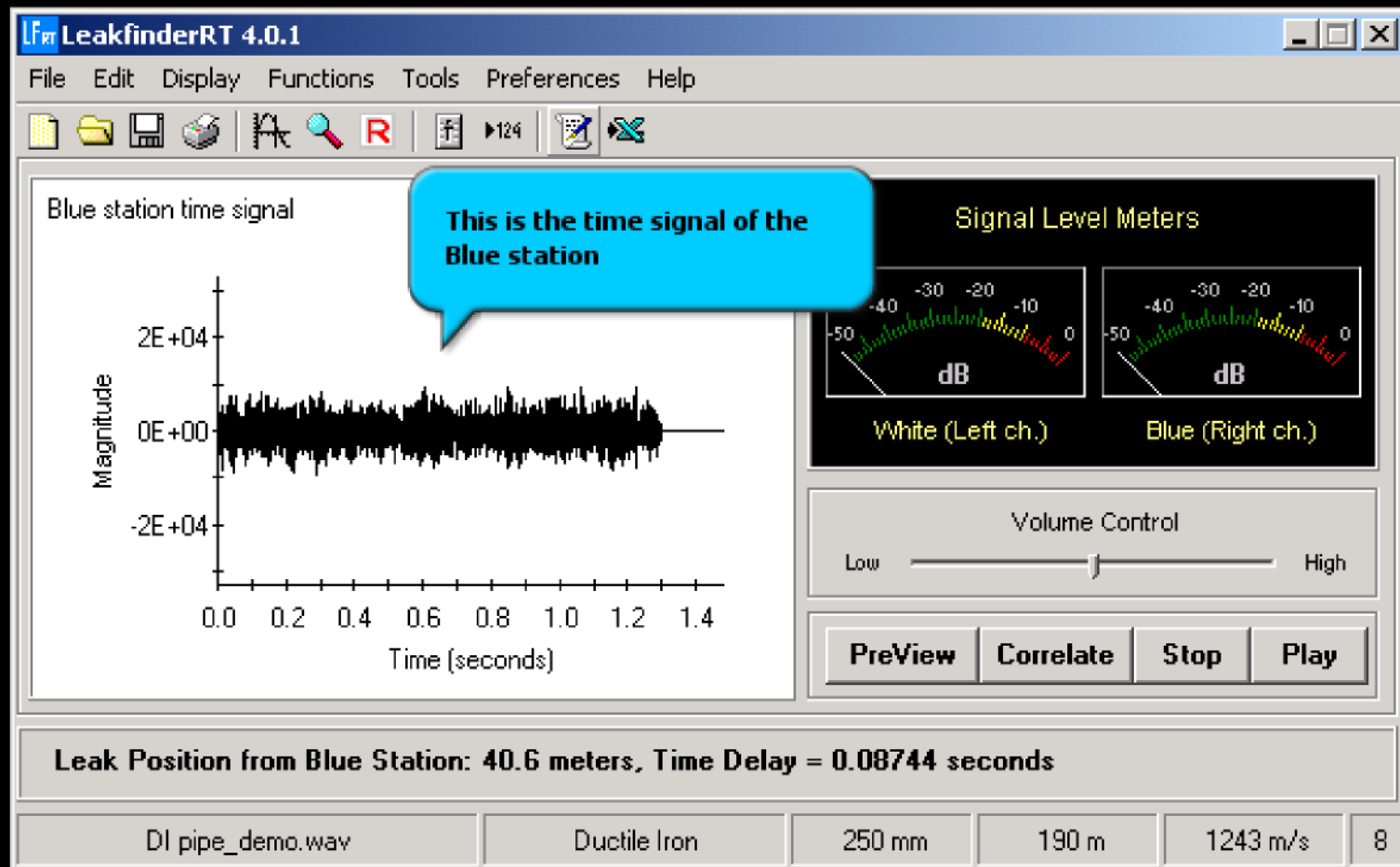
The status bar at the bottom displays the following information:

Leak Position from Blue Station: 40.6 meters, Time Delay = 0.08744 seconds

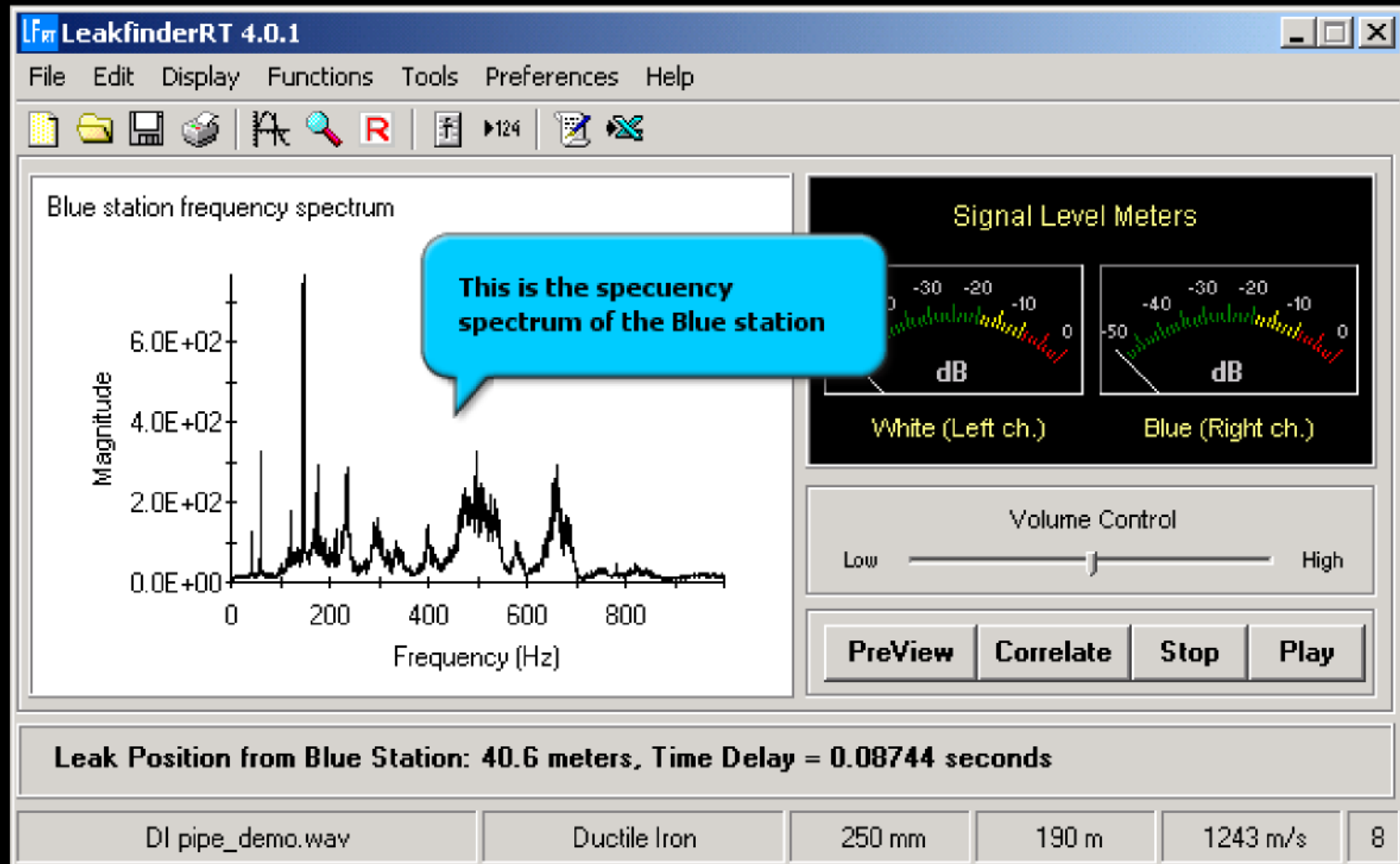
Below the status bar, there are several input fields:

- DI pipe_demo.wav
- Ductile Iron
- 250 mm
- 190 m
- 1243 m/s
- 8

Display menu (Time signal)



Display menu (Frequency spectrum)



Display menu (Coherence function)

