C~VIEW – SPIRAL MANUFACTURING VARIATION

This demonstrates the following features:

- Import Wizard

- Screening data on import

- Viewing at composite level can show new features.

The example has 3 different ways of importing data:

- From inside the file as part of the data itself (this depends on the format)

- From the filename

- Manual user input

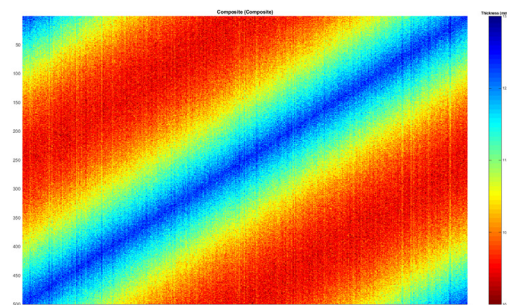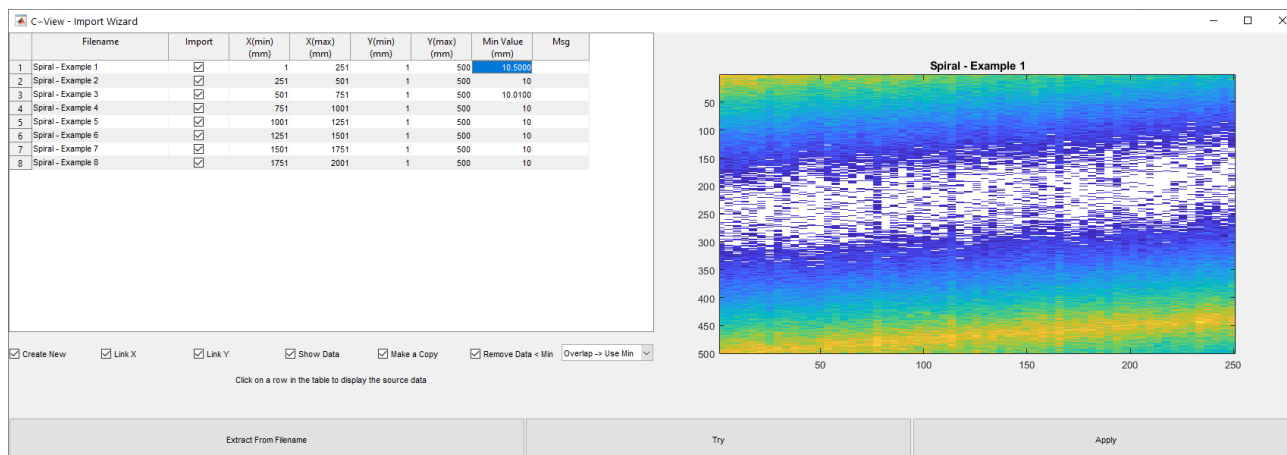The import wizard has a lot of options which are available, the main ones are:

- Plot data (to show each individual/selected scan)

- Update the scan coordinates

- The minimum thickness value from the data, this can be edited to match a value from a report (to remove spurious data from the final composite), an example of this is shown below.

- The large portion of white in the middle is due to data being removed below the updated minimum in the table.

Looking at each individual scan it's hard to see any pattern in the data, but when you look at the full composite a pattern becomes clear.

This is an example of a common manufacturing variation, it is only clear when you view numerous scans together.

All three options (available from the menu) demonstrate different ways of importing and building composites.