

## Two Ways to Sample the Stereo Audio FIDs

- There are Two FID Audio Signals, the Real (X axis) Signal and the Imaginary (Y axis) Signal.
- Both Must be Sampled and Made Into a List of Binary Intensity Values
- The Old Varian Instruments Sample Both Channels Simultaneously:

[Sample Both] – [Wait 2 x Dwell] – [Sample Both] – etc.

- The Old Bruker Instruments Alternate Between Sampling Real and Imaginary Channels:

[Sample Real] – [Wait 1 Dwell] – [Sample Imaginary] – etc.

- With the Alternate (“Bruker”) Method, Peaks Outside the Window **Fold** on the Same Side
- With the Simultaneous (“Varian”) Method, Peaks Outside the Window **Alias** on the Opposite Side