

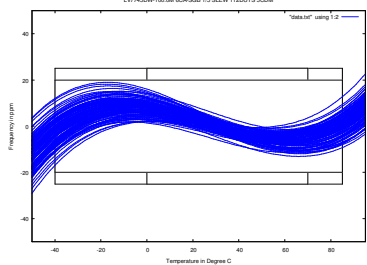
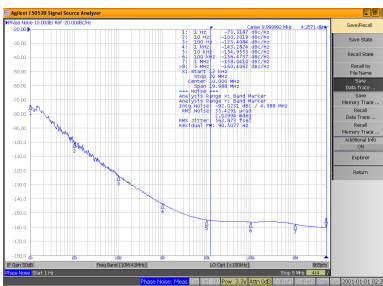
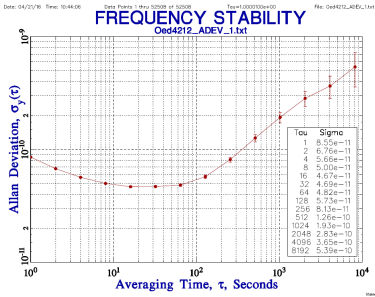
### General Test Capabilities

Pletronics provides a number of design, test and measurement services to its customer base.

Listed below are some of the services provided to customers.

#### Capabilities include:

- Leak Check
- Reflow Simulation
- Aging
- And Many Others

Capability	Description
<p>Frequency vs Temperature Characterization</p> 	<p>Pletronics has the ability to characterize frequency control products, testing frequency vs temperature responses from -55 to 125°C. The engineering department is capable of slewing or soaking virtually any temperature profile.</p>
<p>Phase Noise and Jitter Testing</p> 	<p>Pletronics utilizes the Agilent E5052B Phase Noise System as a state of the art measurement system for phase noise and jitter testing.</p>
<p>Allan Variance Testing</p> 	<p>Pletronics has the ability and expertise to test Allan variance of frequency control products. This is becoming a more commonly required measurement in TCXO products.</p>
<p>Failure Analysis</p>	<p>Pletronics' engineering staff has decades of experience in designing, troubleshooting and failure analysis of quartz frequency control products.</p>