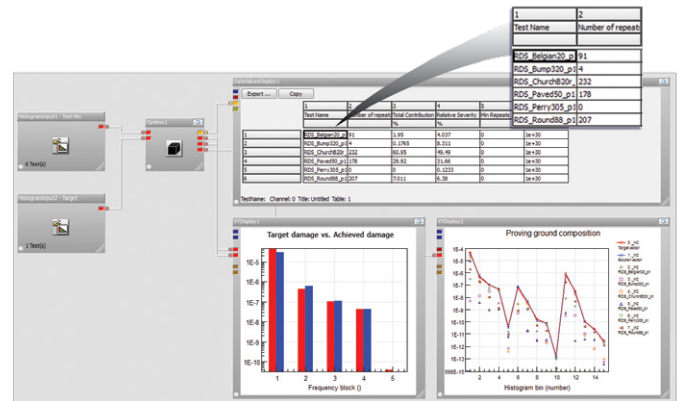


GlyphWorks

Optimized Testing

Optimized Testing is a specialized product option within nCode GlyphWorks that provides the ability to determine the optimum, most efficient mix of proving ground surfaces required to match an overall target. Optimized Testing provides a proven approach to find the best mix across all channel locations.



Achieve your testing targets with optimum efficiency

Key Benefits:

- Significantly reduce proving ground track usage
- Optimize testing schedules and reduce testing time
- Understand how real world usage compares to track data
- Rapidly compare different proving grounds or duty cycles
- Explore what-if tradeoffs with the application of different constraints or removal of complete events

Key Features:

- Optimize the number of repeats of each event to match a target result across many data channels simultaneously
- Flexible inputs such as rainflow cycle count histograms or relative damage values cater for wide range of applications
- Optimization methods for best fit least-squares regression and constrained minimization routines using robust algorithms from IMSL® Numerical Library

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