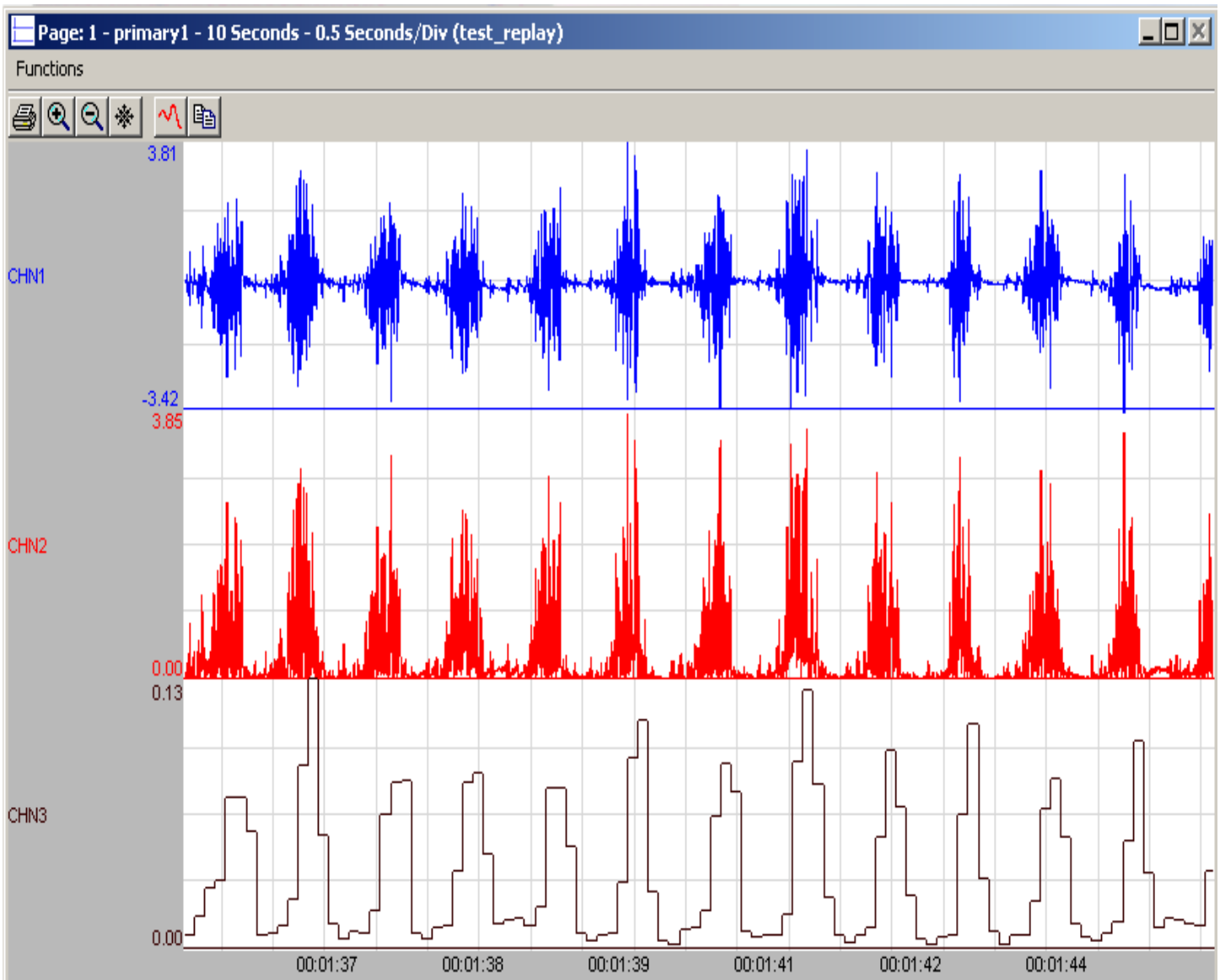




Electromyogram

The purpose of the Electromyogram (EMG) Analysis Module is to compute physiologically meaningful parameters from digitized EMG data. The analysis functions by applying a series of logical tests to the digitized EMG signal using criteria selected by the

user. The graph below represents a typical EMG signal, the Rectified Signal, and the Integral of the Rectified Signal as they would appear on the monitor. The integration period may be defined by the user.



Technical Data Sheet

Model PNM-EMG100W

Electromyogram Analysis Module

Name	Definition
NUM	The number of the Integration Interval (cycle). This number will appear on a primary graph page when validation marks are turned on and the cycle numbers are enabled. When running in a logging mode other than 1 epoch, the last cycle number will be reported.
INT	The integral of the rectified signal over the integration interval.
PEAK	This is the maximum INT value over the logging period.

DSI products are not intended for the purposes of diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease, or used as a life support device. Use of DSI products are solely for the purposes of conducting life science research.