

SPIRENT DLS

XDSL WIRELINE AND NOISE TESTING SOLUTIONS

DLS-5C80 IMPULSE SPIKER NOISE CREATION TOOL

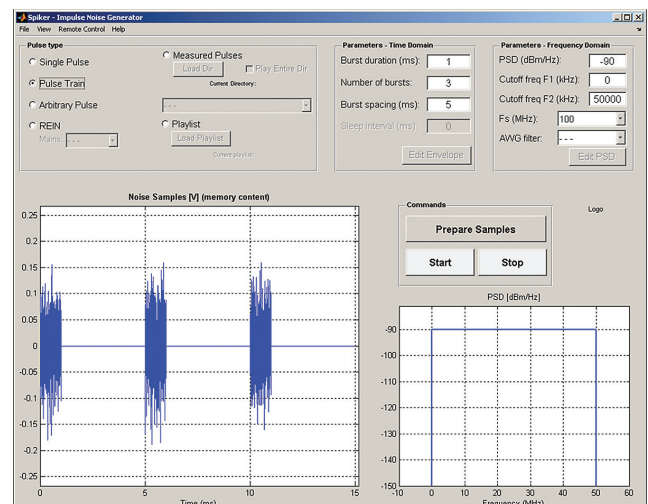
The requirement for high-speed transmission over the traditional copper network has driven the continuous advances in DSL technology. Network equipment manufacturers, chipset designers and service providers seek competitive advantage by being first to deliver reliable products or services to market. Spirent supports these efforts by providing testing solutions that enable fast results for exacting conformance and performance standards. Spirent solution users know that this advantage translates into robust performance, earlier product delivery and greater market share. DLS-5C80 helps address this market requirement.

KEY FEATURES

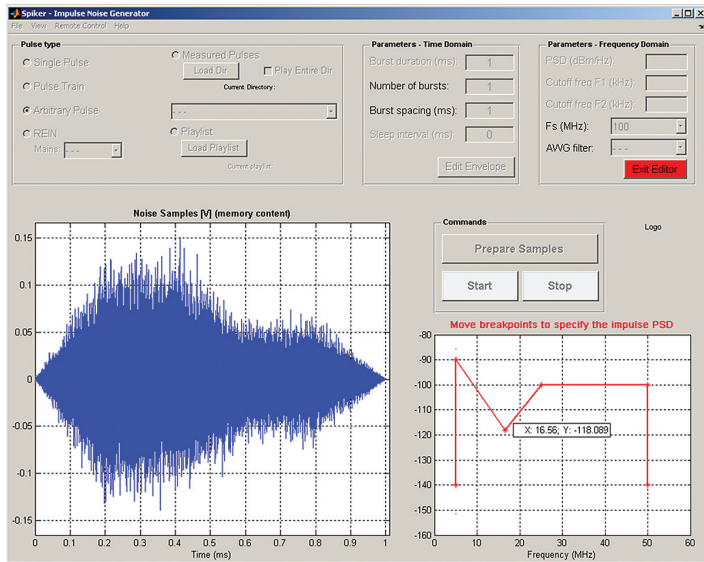
- Perform advanced modeling of Impulse scenarios
- REIN, PEIN, SHINE selectable settings
- Shaping/filtering in both Frequency and Time domain
- Ability to stitch impulse files together (pulse train)
- Pre-packaged with real world measured impulse noises from various appliances (hair dryer, vaccum cleaner etc)
- User selectable settings for impulse duration, number of bursts, burst spacing
- Settings for start and stop frequency band parameters
- Ability to import measured field impulse noises for generation on noise generator

The Spirent DLS-5C80 is a flexible tool to allow easy creation and customization of impulse noises. Impulse noise often categorized as electromagnetic interference and typically almost instantaneous can be problematic for xDSL transmission. DLS 5C80 which operates on the Spirent DLS 5000 series noise generators ensures complete testing of impulse events. Users can now optimize the features in this impulse creation tool to create unlimited impulse scenarios to identify the impact impulse noise has on xDSL transmission. The figure below displays a screen capture of DLS-5C80 Impulse Spiker creation tool.

- DLS-5C80 allows users the ability to shape both time and frequency domain parameters
- User selectable filter for start and stop frequencies



Impulse Shaping Functionality



- User selectable breakpoints to shape power levels (selectable for both time and frequency domain)
- Unlimited breakpoint settings to allow maximum flexibility of impulse noise
- DLS-5C80 pre-packaged with several realworld measured impulses
- Ability to easily modify/customize measured impulse noises

INTEGRATED SYSTEM

The product can easily be integrated into an automated test environment allowing for control of the system in a customer’s own scripting environment.

REQUIREMENTS

Requires the use of DLS 5500 noise generator or greater.

ORDERING INFORMATION

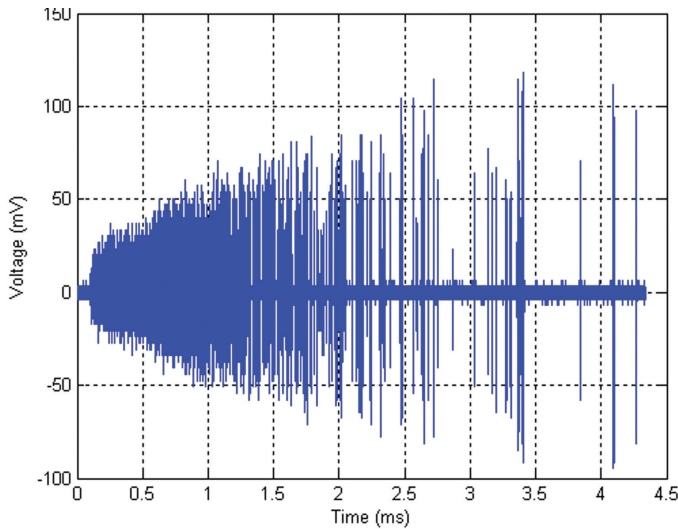
Impulse Spiker Creation Tool (P/N DLS-5C80)

Custom Noise Generator (P/N DLS-5500)

SPIRENT SERVICES

Spirent Global Services provides a variety of professional services, support services and education services—all focused on helping customers meet their complex testing and service assurance requirements. For more information, visit the Global Services’ Web site at www.spirentcom.com/gs or contact your Spirent sales representative.

Shaped Spectrum Feature



Realworld measured impulses (example of impulse created by Striplighting)

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