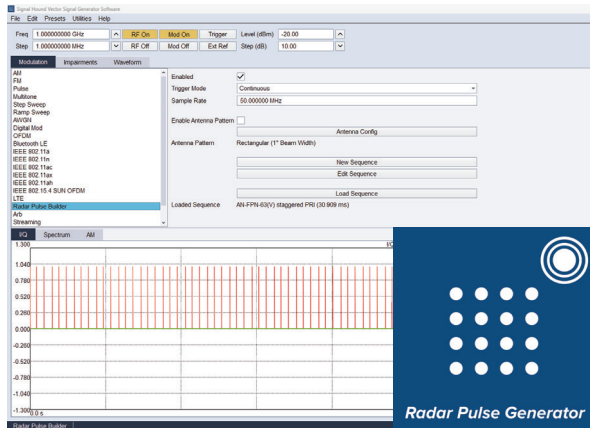


Radar Pulse Generator

Optimized for building and testing of pulse-based radar systems



The Radar Pulse Generator allows engineers and technicians to build and validate radar and pulsed-based systems with precision. Create complex radar pulse trains with exact control over pulse shape, timing, coding and antenna scan patterns. In the advancing field of radar measurement and system testing, users need signal generation tools that can reproduce the complexity of real-world environments. The Radar Pulse Generator gives users the flexibility to create realistic, repeatable pulse trains while maintaining precise control over critical components of the test system. Innovative solutions for comprehensive pulse and radar signal generation for both commercial and defense applications.

Compatible with Signal Hound VSG200 & VSG60A signal generators

Optimized For:

- Radar and EW receiver stress testing
- Pulse descriptor word (PWD) extraction
- Phase and frequency-coded pulse testing
- Scanning radar antenna simulation
- Receiver response characterization
- Pulsed transmitter component validation

Powerful features that unlock industry standard tools for systems designers and validators

Features

- Build waveforms suitable for radar testing
- Visual editor included for creating a sequence of pulses and a sequence of sequences
- Support for various pulse formats including CW, linear chirp, barker, polyphase, frank and custom formats
- Scanning radar simulation
- Jitter and modulation of pulse
- Import and export individual pulses and pulse width tables for easy reuse and sharing

Compatible Signal Hound Devices



VSG200



VSG60A

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