

PRFS

**PORTABLE
RF SIMULATOR**



Portable RF Simulator (PRFS) is a modular compact solution to perform a subgroup of integration tests after the platform integration of Radar Warning Receivers (RWR), Electronic Support (ES) receivers and line-level maintenance/repair stages.

PRFS can simulate various pulse/scan modulations and be directed to the platform antennas via RF heads.



EHSIM
ELECTRONIC WARFARE SYSTEMS
ENGINEERING INC.



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Modularity is provided with RF heads and has a display and buttons on which the operator can adjust signal parameters and observe indicators/warnings (error codes, battery status, etc.)—RF heads are powered by internal and external rechargeable batteries.

Threat Programming Software is provided to generate complex emitters with stagger, jitter, dwell-switch, and user-defined PRI parameters. Up to 8 preset threats download to RF heads via Ethernet or USB memory dongle.

Frequency Range: 0,5-18 & 18-40 GHz

Pulse Width Range 100 ns - 400 us

PRI Range: 10 us- 40 ms

PRI Types: Stable, Stagger, Jitter, Dwell and Switch, User Defined

Dimensions: 110 mm x110 mm x 240 mm

Operating Temperature: (-20°) - (+55°)

Storage Temperature: (-40°) – (+70°)

Power Supply: Battery (radiating RF up to 1 hour)

Weight: 2,2 kg

Testing RWR and ES Receivers

Programmable Signal Parameters

Rugged, Water and Dust Resistant

Rechargeable Battery

Display

