

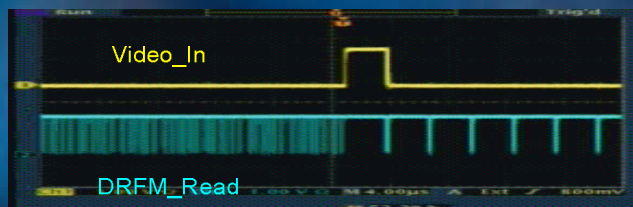
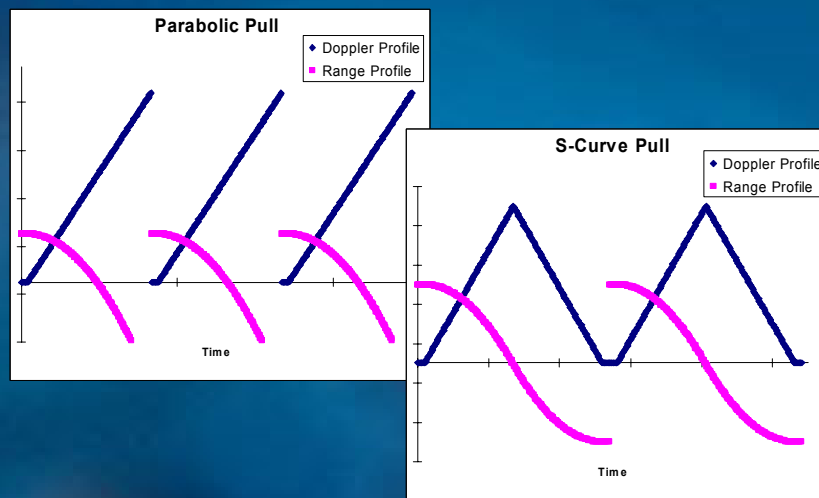
FLEXIBLE ECM SOLUTIONS

The PRED PRI Predictor is equipped with a wide variety of ECM techniques. The PRED channel assignment manager (CAM) can be programmed to recognize distinct emitter modes and respond with specific ECM techniques.

In addition, the CAM can time-share your ECM among multiple emitters for increased effectiveness. Choose from conventional techniques such as RGPO, RGPI or range bin masking or use the full capability of PRI prediction to enhance your ECM with CRBM, correlated range-velocity (CRV) pulls, doublet techniques or false targets that can move through multiple PRI's.

PRI prediction enhances many traditional ECM techniques. True coherent range bin masking produces superior results when used with a DRFM. Also the ability of the PRED to filter DRFM write commands improves overall DRFM performance.

▶ PRED ECM TECHNIQUES



▶ Traditional Range Bin Masking



▶ True Coherent Range Bin Masking

- ▶ • PRED channel assignment manager for emitter mode recognition and multi-emitter (Timeshare) jamming
- Unique algorithms allow DRFM-generated false targets to be faithfully generated beyond a PRI
- RGPO/RGPI/CRV - fixed, linear or s-curve pulls with single or multiple false targets per PRI
- Asynchronous Pulse Rate Modulation
- True Coherent Range Bin Masking - an improvement over standard range bin masking
- Techniques for pulse doublets
- DRFM write command filtering removes spurious signals



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