

milZONE.Follower Jammer Kit

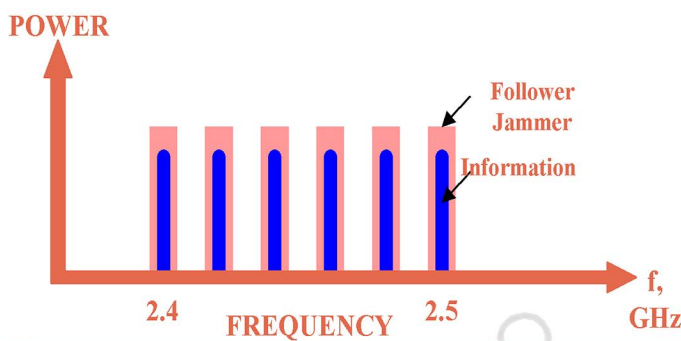
Tactical ECM products



Follower (frequency hopping) jammers are required for jamming of the frequency hopping radios employed by some of the enemy forces. The transmitting and receiving radio of Frequency hopping system hops between a large number of channels to avoid jamming. These radios need a jammer which also hops along with the enemy signal.

Features

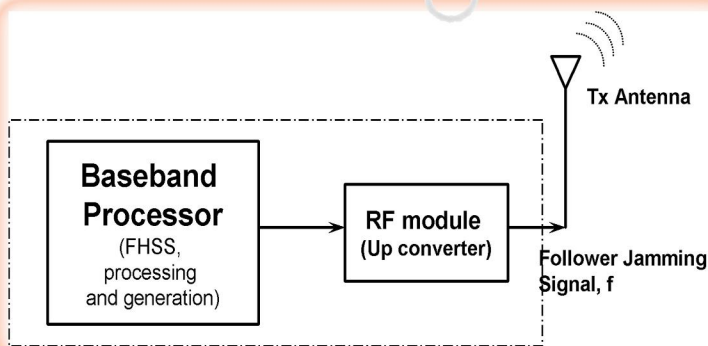
- Detects the channel used by the radio
- Generates the jamming signal to jam the channel
- Follows the frequency hops by the enemy
- Able to jam up to 10,000 hops/second



Spectrum of Follower Jammer

Specifications

- Fast responsive algorithm using FFT
- Fast channel switching using synthesizers
- FPGA based reconfigurable baseband processing
- Versatile RF with 50 ohm output
- Optional power amplifier
- Modular design



Follower Jammer Kit Block Diagram

Research & Experiments

- PN sequence generation
- Signal detection and FFT
- Hopping algorithms
- Frequency Hopping signals
- Demonstration of Follower jammers
- Advanced responsive jammers research
- Predictive responsive jammer research

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Innovative wireless platforms

Contact

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