

# First Laureate Applied Research

- ◆ **Project title:** V/UHF Spread Spectrum Jammer
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## Abstract:

The V/UHF Spread Spectrum Jammer system is an advanced tactical radio jamming system with the capability of jamming the V/UHF Bands. The system can operate against complex and rapidly change signals. The system is equipped with a directional log- periodic antenna to increase efficiency and coverage of operational field. This system is based on Software Defined Radio (SDR) technique to have best performance on complex signals. This system is completely smart; that is, the system in receiving mode, monitors the operation environment in short time period, then identifies active links, and then destroys the link. The system has different jamming modes and can operate on different signals. All the subsystems of this project, such as high sensitivity receiver, high power and wideband amplifier are manufactured domestically in a high technological level.

