

First Laureate Applied Research



- **Project title:** Active Phase Array Radar (Najm 802)
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- **Executive Organization:** Iran Electronic Industries Co. (Shiraz)
- **Collaboration Organization:** Radar Group, IEI-Shiraz

Abstract:

Najm 802 is a three dimensional active phase array radar which has been designed and built for using in medium range air defense systems. This radar can detect targets with medium range and track targets by TWS method in searching mode. It can track targets simultaneously in medium range by radar resource management and digital beam forming in tracking mode. This radar is able to track targets precisely. This radar is advanced active phase array radar that uses solid state transmitter/receiver and is equipped with advanced ECCM capabilities.

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