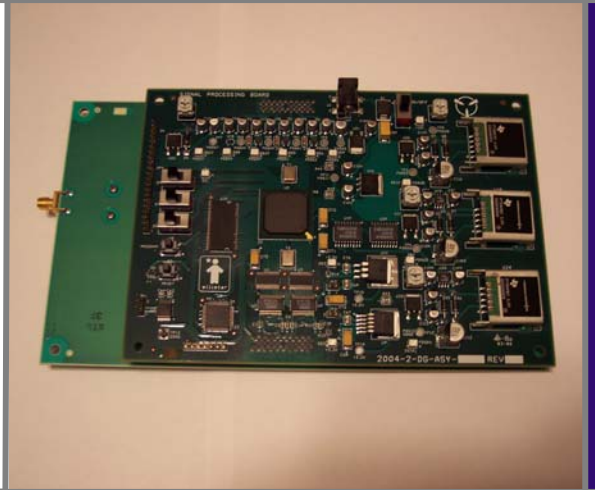
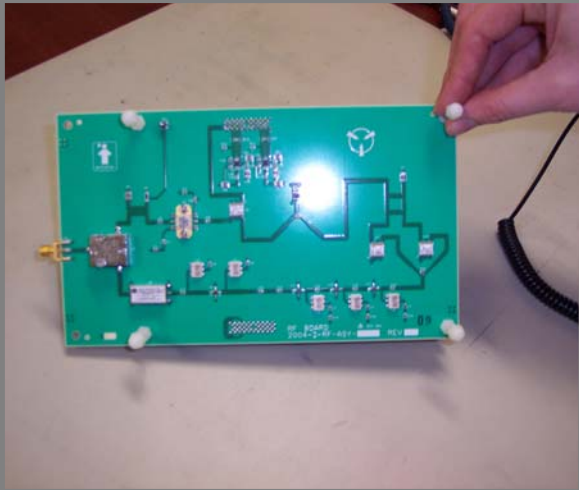




ELLISTAR MK-I RADAR

Advanced Developmental Wideband Radar Kit

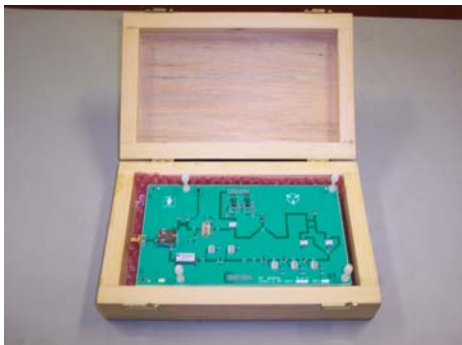


Ellistar MK I Wideband Pulse Radar (US Patent 6,861,972)

The Ellistar Mark I Wideband, Low-Power short to medium range radar system has been designed to enact short-range, narrow pulse detection and target classification sensing algorithms.

It is ideally suited for advanced development work in traffic management, collision avoidance, Un-inhabited Aerial Vehicle guidance, and all short-range detection, tracking and target classification systems.

The radar is comprised of a Transceiver board (above left) and a Processor Board (above right) which are mated using rugged, multi-pin connectors.



FEATURES

- Two Channel (in-Phase and Quadrature)
- 500 MHz Bandwidth
- Centre Freq. 5.8 GHz
- Pulse widths as small as 2nS
- Range 1m to 100m
- Self test capability
- 18 dBm Output Power
- 104dB Dynamic Range
- SMA connector for easy antenna hookup
- Adjustable Gain
- Tunable Centre Frequency
- Compact, 8.5" X 5" X 1"
- Weighs less than 1 lb
- RS 232 Radar to PC Interface