

Enterprise Electronics Corporation

128 S. Industrial Blvd

Enterprise, Alabama 36330

334-347-3478

Experiment Description:

The purpose of this experimental license is to investigate and refine weather surveillance methods to enhance the detection accuracy of severe weather phenomenon. This involves enhancing the design of radar hardware, (transmitters, receivers), and refining software algorithms used to detect, model and display the resulting data. Case studies of weather events are analyzed throughout multiple seasons and refinements are thus integrated into existing radar detection schemes.