

Global Positioning System Jammers (GPSJ)

Description

The Global Positioning System Jammers (GPSJ) were developed for the Naval Air Warfare Center, Weapons Division in China Lake, California for use at the range facilities. The objective of the GPSJ program is to support Operational Test and Evaluation of GPS-aided precision strike weapons such as the Joint Stand-off Weapon (JSOW). The GPSJ supports these tests by providing controllable, instrumented GPS jamming signals. The GPSJ program provides two 1 kW high power systems. The Mobile GPS Jammers are equipped with the following:



- Right-hand circular polarized antenna
- Antenna pointing module
- 25-foot retractable mast
- 500-watt power amplifier
- Noise source
- Frequency synthesizers
- Arbitrary waveform generator
- Spectrum analyzer
- Rack-mounted computer

EWA was responsible for systems engineering, system design, initial system operation, developing the system specification, program management plan, and system integration.