## Graphite Die Cast Aluminum Chassis For Field Deployed Communications Hardware





End product is a Power Amplifier unit for a vehicle mounted, field deployed military radio.

- Chassis designed and engineered to be sand, graphite or die cast. Dimensional, RF segregation, weight and thermal properties are all critical.
- We produced a small quantity of sand cast and machined parts as prototypes.
- The parts later migrated to Graphite casting, reducing the part cost and meeting the customer's requirement.

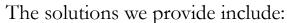


- 380 Alloy (standard die cast alloy) cast in Graphite Tooling which was critical to maintain the customer's requirements.
- Castings are impregnated and painted to meet all environmental requirements.

## **Tooling**

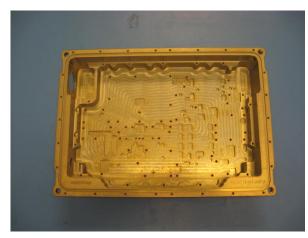
• Graphite tooling offers customer die cast quality parts and production volumes at a fraction of the cost of conventional steel die cast tools.

**Lupton Associates** offers the proven ability to provide integrated solutions that meet the demands of design, time to market and product cost objectives.





- Stamping
- Metal Fabrication
- Machined Components
- Polymeric Molding
- Electronic Manufacturing Services
- Casting





For more information, please visit www.luptons.com.