

## Our Services

### Machining Services

TSL is a fully vertical, one source supplier from *Concept to Creation (C2C)*, for all your electronic and mechanical needs. Our modern paperless machine shop features the latest in CNC technology.

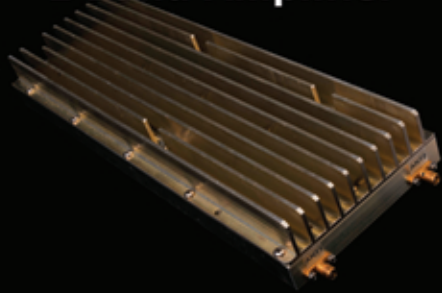


### Electronic Contract Manufacturing Services

Our experience in the design of control systems, power supplies, and RF circuits allows TSL to offer innovation and cost-effective solutions. Regardless of the size or scope of the project, TSL strives to exceed our customers' expectations every time.

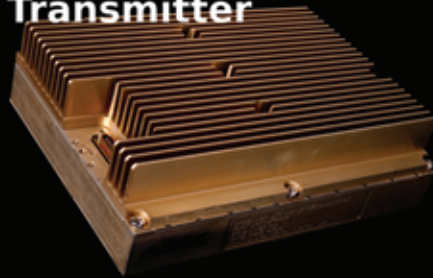


### L Band Amplifier



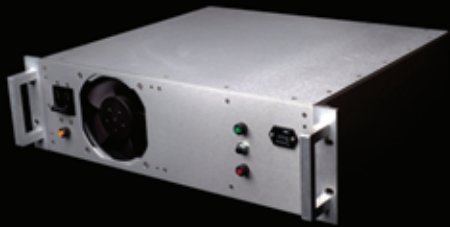
The Model 1242 L-Band Amplifier is a Class C, single-input, dual independent output solid-state amplifier. The amplifier is protected against excess duty cycle and pulse width by means of a proprietary circuit design. The modulated RF is detected and is utilized to drive the internal protection circuitry.

### IFF Pulsed Amplifier/Transmitter



The Model 1171 is a ruggedized, compact (63W/in.<sup>3</sup>) solid state Pulsed Amplifier/Transmitter designed primarily for IFF applications requiring reliable state of the art high power amplifiers. Its maximum output power is 4000W (66dBm) and is adjustable in three increments. The amplifier features DPSK and PPM modulation.

### DME Amplifier



The Model 1411 is a state of the art power amplifier capable of providing pulsed power for transmitters and interrogators for DME applications. It provides digitized Gaussian form transitions for rise and fall times. The output power can be tapped at different levels in accordance with user requirements.

### Linear Amplifier



The Model 1602-10-0825 is suitable for high power broadband and band specific linear applications over the range of 800 – 2500 MHz. Exceptional performance, long term reliability, and high efficiency are achieved by forward power monitoring feedback circuits.

  
*Performance. Delivered.*

[www.tsllinc.com](http://www.tsllinc.com)