

Antenna Manufacturing



Parker Meggitt (Baltimore) specializes in the design, optimization, and qualification of new antennas from customer provided specifications. Our engineers are equipped with the latest and most powerful measurement equipment and computer-aided engineering and design software packages, and a number of proprietary computer programs. Our machine shop boasts a wide variety of capabilities which currently produces a range of metallic and composite components for antenna manufacturing. The antenna assembly department has state-of-the-art equipment and consists of certified technicians capable of high precision delicate soldering, assembly, and bonding of various antenna types. Our finishing department has highly specialized staff able to apply unique, customer-specific finishes and coatings. Test Facilities enable complete antenna electrical testing with performance verification and specialized environmental testing. Test facilities include capabilities to measure reflected power, boresight error, VSWR, radiation patterns and gain, radar cross section (RCS), high power RF and RF leakage, mechanical stress, temperature and altitude, temperature shock, humidity, and many other parameters.