



## Microsembly to Showcase Full-Spectrum RF and Microwave Manufacturing Capabilities at IMS 2026

*U.S.-based contract manufacturer brings end-to-end design, assembly, and high-frequency test expertise to the world's largest gathering of RF and microwave engineers*

**Merrimack, NH, [Release Date], 2026.** Microsembly, a premier U.S.-based RF and microwave contract manufacturing and testing partner, will exhibit at the IEEE International Microwave Symposium (IMS) 2026 from June 9 to 11 in Boston, Massachusetts (Booth 11015, Thomas M. Menino Convention and Exhibition Center).

IMS 2026 brings together more than 8,400 engineers and industry leaders from over 55 countries, spanning commercial 5G and 6G telecommunications, semiconductor design, aerospace and defense, satellite communications, medical microelectronics, automotive radar, industrial sensing, and academic research. With the symposium expanding its focus across integrated sensing and communications, advanced phased arrays, sub-THz integration, and quantum RF, Microsembly is positioned as the trusted U.S. manufacturing partner ready to translate next-generation designs into production-ready hardware across every one of these markets.

### **One Manufacturing Partner. Every RF Market.**

What sets Microsembly apart isn't just manufacturing capability. It's the company's ability to support customers across the full diversity of RF and microwave applications, from quick-turn research prototypes to high-volume commercial production. Microsembly serves engineering teams in:

**Aerospace, Defense & Satellite Communications** Mission-critical RF assemblies built to the most demanding compliance standards, including MIL-STD-883, J-STD-001 Space Addendum, and ITAR-registered processes for radar, electronic warfare, and SATCOM hardware.

**Commercial Telecommunications & 5G/6G Infrastructure** Mixed-technology integration of GaN, GaAs, SiGe, and CMOS devices into the high-frequency modules powering next-generation wireless networks, mmWave front ends, and beamforming systems.

**Medical Microelectronics** Precision assembly in ISO 14644-1 Class 7 and Class 8 cleanrooms for high-reliability medical devices, where signal integrity and quality control directly impact patient outcomes.

**Industrial, Automotive & Test Equipment** RF and microwave subassemblies for industrial sensors, automotive radar modules, test and measurement instruments, and demanding commercial environments.

**R&D and Academic Programs** Rapid prototyping, low-volume builds, and IP-protected collaboration that help research teams validate concepts and move quickly from lab to product.

## **Capabilities That Span the Full RF Spectrum**

Microsembly delivers RF testing from DC to 50+ GHz, supporting the increasingly diverse frequency demands across IMS attendee markets. Core capabilities include Design for Manufacturability (DFM) consultation, eutectic and epoxy die attach, ball, wedge, and ribbon wire bonding, fine-pitch SMT down to 01005 components, integrated microwave assembly, environmental qualification, and full repair and refurbishment with 80 to 90 percent recovery rates on high-value RF hardware.

With 20,000+ square feet of controlled manufacturing space, IPC-J-STD-001 certified technicians, and ISO 9001:2015 quality systems, Microsembly operates at the precision level required by the most demanding programs. This isn't transactional contract manufacturing. It's a collaborative partnership built around early DFM engagement and disciplined, traceable production.

"IMS draws engineers working on everything from satellite payloads to medical implants to 6G infrastructure, and what they all have in common is the need for a U.S.-based manufacturing partner who can keep up with the precision their designs demand," said Kent Dang, President of Microsembly. "Whether a customer needs five prototypes for a research program or a scalable production line for a commercial product, our role is to make sure the path from design to deployment is smooth, fast, and reliable."

## **Visit Microsembly at IMS 2026**

Engineers, program managers, and procurement leaders are invited to Booth 11015 to connect with Microsembly's team and explore how the company supports RF and microwave hardware programs across commercial, defense, medical, industrial, and research applications.

## **About Microsembly**

Microsembly is an ISO-registered RF and microwave contract manufacturing and testing partner headquartered in Merrimack, New Hampshire. The company specializes in RF and microwave microelectronics assembly, device evaluation, advanced SMT manufacturing, integrated microwave module production, and environmental qualification for aerospace, defense, satellite

communications, telecommunications, medical, industrial, and research markets. Microsembly bridges RF design and production, transforming engineering intent into scalable, repeatable, mission-ready hardware.

Learn more: [www.microsembly.com](http://www.microsembly.com)

## **Event Details**

### **IEEE International Microwave Symposium (IMS) 2026**

Booth 11015 | Exhibition Dates June 9 to 11, 2026

Thomas M. Menino Convention and Exhibition Center | Boston, Massachusetts

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