

Far-Field Test Range (FFTR) Solutions

JV Micronics provides advanced **Far-Field Test Range (FFTR)** solutions, designed for precise and reliable antenna performance evaluation. Our FFTR systems are ideal for applications in **defense, aerospace, telecommunications, automotive, and research sectors**, offering high-fidelity measurements for a wide range of antennas.

Key Features & Benefits:

High-Precision Measurements: Enables accurate gain, radiation pattern, and polarization testing.

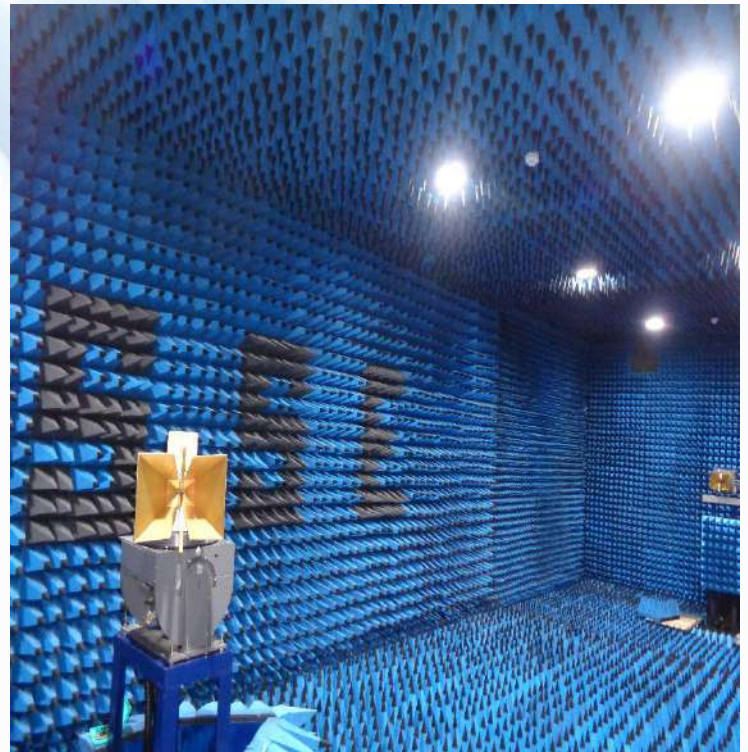
Wide Frequency Range: Supports **RF, microwave, and millimeter-wave frequencies** for comprehensive testing.

Antenna Positioner: High precision and multi-axis automatic positioners are manufactured.

Advanced Data Processing: Integrated with state-of-the-art measurement software for real-time analysis.

Customizable Solutions: Configurable to meet specific antenna sizes and testing requirements.

International Standards Compliance: Meets **IEEE, MIL, and CISPR** regulations for standardized testing.



Applications:

- **Aerospace & Defense:** Testing of satellite, radar, and military communication antennas.
- **Telecommunications:** 5G, 6G, and IoT antenna validation.
- **Automotive:** Wireless communication and radar sensor testing for autonomous vehicles.
- **Research & Academia:** High-precision antenna characterization for R&D purposes.

At JV Micronics, we deliver **turnkey FFTR solutions**, covering **system design, installation, training, and post-installation support**. Our expertise ensures high accuracy, efficiency, and compliance with global industry standards.