

MPI TS150-THZ | 150 mm Manual Probe System **Industry Unique Solution for Automated On-Wafer mmW Antenna Characterization**

The industry-first automated system for wafer-level broadband mmW OTA characterization for 5G/6G and radar applications

Programmable Robot for Automated Antenna Scanning

- Industrial grade 6-axis robot
- Fully programmable scanning distance and angles
- Spherical scan in horizontal and vertical polarization
- Cobot functionality for safe operation

Anritsu VectorStar™ ME7838G VNA

- Supports broadband driver side 70 kHz to 220 GHz

Universal Anritsu Receiver module

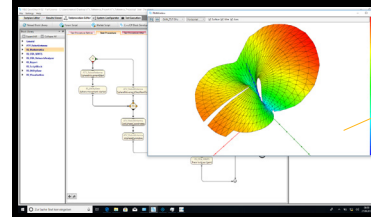
- Configurable for 60 GHz to 220 GHz bands
- Broadband receiver module, adapted for banded horn antenna up to G-band
- Optimized for far-field operation
- Laser crosshair for DUT centering

Anritsu Broadband Extender

- Continuous 70 kHz to 220 GHz operation

Special TITAN™ 220 GHz RF Probe

- EM-Passive material for minimal interference
- Robust tips for rough and rugged pads
- Low insertion loss for max RF power



ATV Measmatic Test Executive Software for Flexible Antenna Characterization

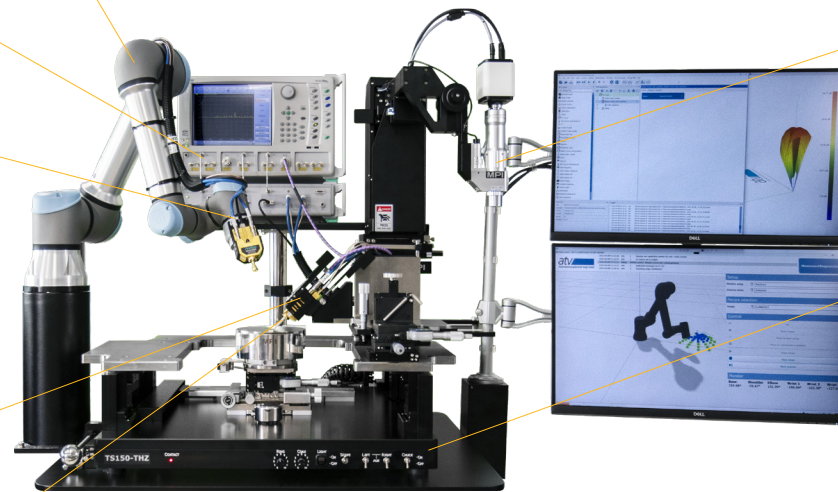
- Universal test instrument interface
- Flow chart programming of measurement tasks
- Full graphical visualization of antenna pattern

MZ12 Microscope and Dedicated Transport Tower

- Widest possible scanning area
- Quick and convenient operation
- Accurate probe positioning by 1.6 μm optical resolution

TS150-THZ is Industry-Renowned System for Wafer-Level Measurements at mmW and THz Frequency Ranges

- Large and rigid platen with 4 supports for max. stability
- Easy adaptation for 2/4-Port RF measurements
- Unique puck controlled air bearing stage for quick single-handed operation and micrometer fine XY adjustment
- 180 x 300 mm XY total stage movement, resolution < 1.0 μm (0.04 mils) @ 500 μm/rev
- 10 mm fine Z, resolution < 1.0 μm (0.04 mils) @ 500 μm/rev, with digital indicator



*****Available Options*****

- Ambient chuck made by EM-passive material
- Adaptions for various frequency extenders
- Light curtain safety enclosure
- Table with antivibration platform
- Instrument Rack
- Single IC thermal chuck

VectorStar™ is trademark of Anritsu Corporation