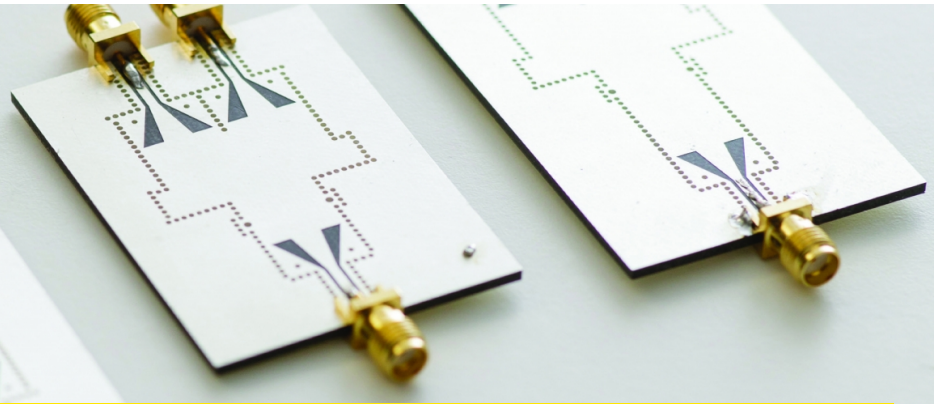




UNSW
SYDNEY



Microwave and Millimetre Wave Research

The Microwave and Millimetre Wave (MMM) Laboratory is an international leader in radio frequency microelectromechanical systems (RF MEMS) and microwave and millimetre-wave devices for mobile and satellite communications.

Competitive advantage

- Research and development of novel devices such as reconfigurable microwave and millimetre-wave switches, switch matrices, filters, antennas and directional couplers
- Expertise across a range of technologies including microstrips, striplines, coplanar waveguides, rectangular waveguides, substrate integrated waveguides and 3D printing
- Experienced in performing cutting edge measurement, characterisation and modelling of the effects of microwave and millimetre-wave radiation on the human body

Impact

- Superior communication devices

Capabilities and facilities

- Specialised test and measurement equipment, including Agilent PNA, Anritsu VectorStar and Microprobe Cascade
- Sophisticated and powerful simulation tools, including Agilent ADS, Ansys, Coventorware, Sonnet, Comsol Multiphysics and Cadence

More Information

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