Research area and applications

Microwave measurements of passive and active devices and systems

### Linear measurements

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### Multisport load-pull

- **Nonlinear measurements**: Development of a complete portable 2-port VNA for space applications [1]
- **Multisport S-parameter measurements**: Development of a complete portable 2-port VNA for Polito [2-4], Development of 12-port, 64 GHz system for Intel [5,6]
- **Load-pull measurements**: Development of calibration techniques for Polito
- **Nonlinear measurements**: Development of calibration techniques for Polito
- **Load-pull measurements**: Development of calibration techniques for Intel [7-9]
- **Nonlinear measurements**: Development of calibration techniques for Intel

### Bibliography

1. S. Corbellini, development of a ultra low-cost, portable VNA up to 6 GHz, submitted paper.