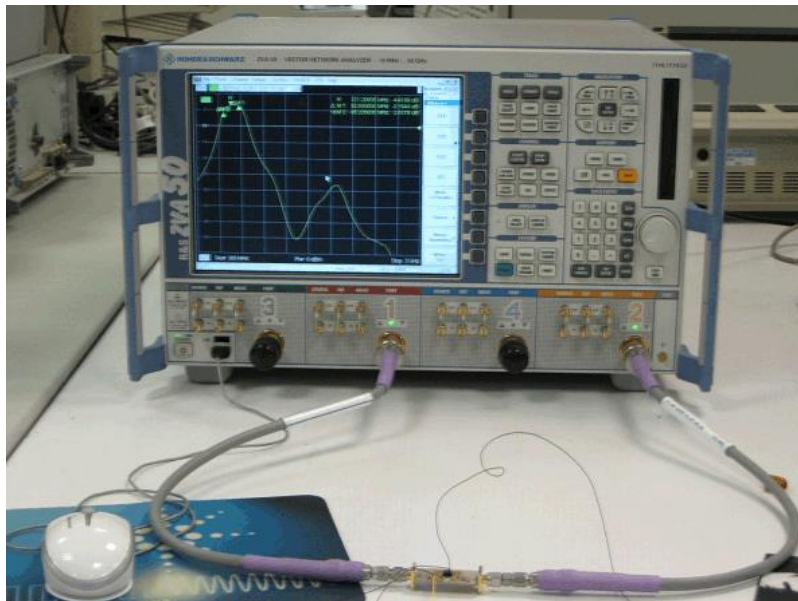


Vector Network Analyzer

1	HP 85124 Pulse System	50MHz to 50GHz
2	Rohde & Schwarz Network Analyzer	10MHz to 50GHz
3	Rohde & Schwarz ZVA-Z75 Converter	50GHz to 75GHz
4	Rohde & Schwarz ZVA-Z110 Converter	75GHz to 110GHz
5	HP 8510C Network Analyzer	45MHz to 50GHz
6	FOCUS Load and Pull System	1GHz to 40GHz
7	Nonlinear Network Analyzer System	DC to 20GHz

R&S®ZVA50 Vector Network Analyzer

- R&S®ZVA50 , 4 test ports, frequency range: 10 MHz to 50 GHz.
- R & S ZVA-Z75 Converter extend the R&S®ZVA50 frequency range from 50GHz to 75GHz.
- R & S ZVA-Z110 Converter Converter extend the R&S®ZVA50 frequency range from 75GHz to 110GHz



HP85124 pulse system

HP 85124 pulsed modeling system designed for use with IC-CAP for development of high power active device and dynamic thermal models. IC-CAP is the industry standard for DC and RF semiconductor device modeling software. The pulsed-RF network analyzer subsystem consists of HP8510c option 008, HP 85110A option H60 test set and two

synthesized source for Lo and RF. HP 85110A option H60 is a custom test set that can option in CW and pulsed mode. The DC-IV subsystem allows the bias to be pulsed during the RF measurement.

The RF subsystem has four configuration

- 1GHz to 20 GHz non-pulse state
- 6GHz to 50GHz pulse state
- 6GHz to 50MHz to 20 GHz pulse state
- 50GHz non-pulse state



Focus Load -Pull system and Noise Parameter system

FOCUS Microwave system is a precision measurement system with applications in the design and testing of microwave components and sub-assemblies. The software WinCCMT control the tuners and network analyzer and power meter, noise meter to perform measurement and calculation. The system include the following instrument

- HP4419A dual –channel power meter
- HP8593E spectrum analyzer
- HP 8970B noise figure meter
- HP 89710C noise figure test set
- Focus tuner