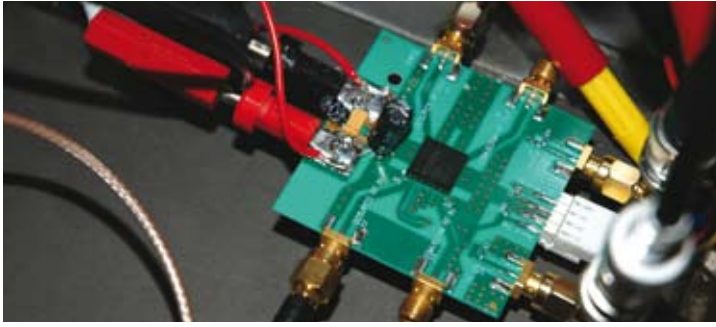


Power Amplifier (PA) Evaluation Capability

Roke Manor Research can reduce design bottlenecks in high efficiency, power amplifier devices. To reduce the development cycle we offer automated testing and benchmarking using the latest software.



Datasheet



Applications

The power amplifier test facility is particularly suited to evaluation of cellular PA devices and fully configurable to other standards.

- GSM/EDGE
- WCDMA
- WLAN/Bluetooth
- Wi-Fi

Key Features

The PA evaluation facility at Roke offers a variety of stimulus and measurement options, and configuration is flexible to suit customer requirements. All device parameters can be swept, and a custom test schedule can be tailored to generate the results required.

Stimuli/Control Sweeps	Measured Parameters
Input Power	Input/Output Power
Input Frequency	Supply Currents
Modulation	ACPR
Output Power (closed loop control)	Harmonics
DC Control	Receive Band Noise
Pulsed Control	Isolation
Load Pull	S-Parameters
Temperature	Spurious

Key Benefits

The PA evaluation facility can provide real benefits to customers who are involved in PA development:

- Accurate evaluation of PA performance
- Independent evaluation provides credibility to performance claims
- Full range of stimuli and measurements
- Highly flexible test plan to suit customer needs
- Rapid turnaround of results.

If you would like any further information on our technologies in this area please contact us.

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