

# “Real-Time” Multi-Harmonic Load-Pull System

## KEY Benefits

- Reduce setting up time and simplify load-pull characterisation
- Gain quickly complete insight in nonlinear components
- Measure accurately nonlinear behaviour even for harmonic high mismatches
- “On the fly” amplifier design, according to a given class of operation
- Enable waveform engineering

## “On the fly” Power Amplifier design

Combining NMDG VNAPlus nonlinear extension kits for network analysers with Focus Multi-Purpose Tuner series (MPT) and Focus V-I Probes, engineers can gain quickly complete insight in their components to optimise their performance factors.



With one single tool, one can do “on the fly” an amplifier design, according to a given class of operation.

## KEY Capabilities

- True nonlinear harmonic behaviour, including phase information
- Accurate time-domain waveforms, e.g. waves, voltages and currents
- 3D Dynamic loadline, mapping DC and HF conditions
- Control independently up to 4 harmonic output impedances

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