

The objective of this project is to advance the state of the art in measurement and modeling of high frequency wireless systems and components under large signal conditions. It aims to develop and verify a standard nonlinear device with large-signal response that can be predicted from underlying physical principles; develop a measurement-based model, and validate by comparing system simulation predictions to those based on a physical model. The project also aims at producing methods and software for instrument calibration and system simulations.

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**Status:** Ongoing

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