

# Abstracts

## Modeling of the Feed-Through Wideband (DC to 12.4 GHz) Sampling-Head

---

S.M. Riad and N.S. Nahman. "Modeling of the Feed-Through Wideband (DC to 12.4 GHz) Sampling-Head." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 267-269.

A model is developed from dimensional and electrical measurements in conjunction with electromagnetic and electronic theory. Calculations based on the model predict step response transition durations of 27.5 to 30.5 ps for gate bias values of -1.76 to -1.63 volts.

[Return to main document.](#)