

# Abstracts

## Computed Modal Field Distributions of Isolated Dielectric Resonators

---

*D. Kajfez, A.W. Glisson and J. James. "Computed Modal Field Distributions of Isolated Dielectric Resonators." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 193-195.*

Equivalent surface currents obtained from the solution of a surface integral equation model for a dielectric resonator are utilized to evaluate the electric and magnetic fields inside and outside of the isolated dielectric resonator. The resulting field plots permit a positive mode identification, and they are useful in designing devices to enhance coupling of or to suppress various modes.

[Return to main document.](#)