

# Abstracts

## Ceramic Dry-Phantom and its Application to SAR Estimation

---

*T. Nojima, T. Kobayashi, K. Yamada and S. Uebayashi. "Ceramic Dry-Phantom and its Application to SAR Estimation." 1991 MTT-S International Microwave Symposium Digest 91.1 (1991 Vol. I [MWSYM]): 189-192.*

A dry-phantom material having the same microwave properties as biological tissues is developed. The new phantom composed of ceramics has overcome various problems incidental to the conventional jelly-phantom. Experiments are performed to estimate specific energy absorption rates of human heads exposed to microwave sources by using the thermography method.

[Return to main document.](#)