

Electromagnetic Resonances of Free Dielectric Spheres (1967 [MWSYM])

M. Gastine, L. Courtois and J.L. Dormann. "Electromagnetic Resonances of Free Dielectric Spheres (1967 [MWSYM])." 1967 G-MTT International Microwave Symposium Program and Digest 67.1 (1967 [MWSYM]): 28-31.

The last few years have seen the publication of several studies of electromagnetic resonances of free dielectric samples. This is explained by the high Q factor that can be obtained with a little space-factor, when using high dielectric constant materials and a low dissipation factor ($\tan \delta$). The resonators used lend themselves to a number of different applications. However their use requires a good knowledge of their spectra and field configuration.

 [Return to main document.](#)