

Abstracts

A 20--40-GHz Push--Push Dielectric Resonator Oscillator

A.M. Pavio and M.A. Smith. "A 20--40-GHz Push--Push Dielectric Resonator Oscillator." 1985 *Transactions on Microwave Theory and Techniques* 33.12 (Dec. 1985 [T-MTT] (1985 Symposium Issue)): 1346-1349.

A novel coupling method is employed in the design of a push-push broad-band dielectric resonator oscillator for K- and Ka-band operation. The oscillators realized with this technique exhibit excellent spectral purity, power output, and suppression of spurious outputs.

[Return to main document.](#)