

Abstracts

SAW Stabilized Radiosondes

D.J. Dodson, K.F. Lau, M.Y. Huang and T.J. Lukaszek. "SAW Stabilized Radiosondes." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 377-379.

Two SAW stabilized oscillators with FM and PAM capability have recently been designed and breadboarded to provide 300 ppm frequency stability over a -70°C to +70°C environment. The circuits are being developed for use in low cost, expendable radiosondes operating at 403 MHz and 1680 MHz.

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