

Abstracts

SAW Based Direct Frequency Synthesizers

A.J. Budreau. "SAW Based Direct Frequency Synthesizers." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 375-376.

Many new electronic systems, including spread spectrum links, require frequency synthesizers capable of providing accurate signals of high spectral purity, yet hopping in fractions of a microsecond. Three such synthesizers, based on comb generators, SAW filterbanks, and fast switches, are described. Each of these synthesizers has an output of one of over 200 frequencies of integral MHz value, at approximately 1.3 GHz.

[Return to main document.](#)