

# Abstracts

## RF Energy Compressor

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*Z.D. Farkas. "RF Energy Compressor." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 84-86.*

The RF Energy Compressor, REC described here, transforms cw rf into periodic pulses using an energy storage cavity, ESC, whose charging and discharging is controlled by 180/spl degree/ bi-phase modulation, PSK, and external Q switching, beta s. Compression efficiency,  $C_{\text{eff}}$ , of 100% can be approached at any compression factor  $C_f$ .

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