

Abstracts

Development of a Pulse Compression DMS System Using Surface Acoustic Wave Devices (Abstract)

D.W. Mellon and W.D. Daniels. "Development of a Pulse Compression DMS System Using Surface Acoustic Wave Devices (Abstract)." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 243-243.

The development of a chirp pulse pair DME system using surface wave devices (SWD) for pulse expansion and compression and as delay lines for time domain decoding is discussed. Pulse compression allows improvements in receiver sensitivity and frequency band channelization while SWD's provide size, weight, and performance improvements.

 [Return to main document.](#)