

Abstracts

Reduction of interference in microwave automotive radars

E. Elsehely and M.I. Sobhy. "Reduction of interference in microwave automotive radars." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1419-1422.

A technique is presented to minimise false decisions in automotive microwave radars operating in close proximity. The technique also reduces the requirement on the microwave power of the radar as signals can be detected with very low signal to noise ratios. The signal processing is achieved in real time using a field programmable array.

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