

# Abstracts

## **Solid-State Transmitter/Modulator for the Mode Select Airport Beacon System Sensor**

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*T.M. Nelson, M.J. Reinhart, K.J. Yoo, D.A. Poltorak and R.K. Palmer. "Solid-State Transmitter/Modulator for the Mode Select Airport Beacon System Sensor." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 531-534.*

This solid-state communications transmitter/modulator has been developed for the Westinghouse interrogator to be used on the Mode Select (Mode S) Airport Beacon System Sensor. These all solid state Air Traffic Control Systems will be installed in 137 airports in the United States to update and improve present airport/plane communications. They are also compatible with the present air traffic communication system that they will replace, the Air Traffic Control Radar Beacon System (ATCRBS); this feature will accommodate any planes that will not yet have the updated Mode S equipment.

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