

Abstracts

The Centimeter Wave Beacons of the COMSTAR Domestic Communications Satellites

W.J. Getsinger. "The Centimeter Wave Beacons of the COMSTAR Domestic Communications Satellites." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 424-426.

COMSTAR satellites carry all-solid-state Beacons which transmit around 19 and 28.6 GHz for propagation studies. This paper describes the Centimeter Wave Beacon structure, signal characteristics, and electronics, emphasizing the output IMPATT amplifiers and other microwave circuits.

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