

Abstracts

Monopulse Antenna Networks for a Multielement Feed with Independent Control of the Three Monopulse Modes

S. Pizette and J. Toth. "Monopulse Antenna Networks for a Multielement Feed with Independent Control of the Three Monopulse Modes." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 456-458.

This paper deals with the design of a multielement monopulse feed network for which the illumination function corresponding to each of the three beams (SUM, ELEVATION DIFFERENCE, AZIMUTH DIFFERENCE) is independently specified and controlled. This control eliminates the need to tradeoff performance between the sum and two difference beams.

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