

Abstracts

VSB transmission system: Broadcast and microwave applications

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The vestigial sideband (VSB) digital transmission system has been developed for terrestrial, MMDS, and cable television broadcasting in the United States. It was thoroughly evaluated by the FCC's Advisory Committee on Advanced Television Service (ACATS), and on December 24, 1996, this system was adopted as the new digital terrestrial standard for the United States. A family of compatible VSB standards suitable for many applications, including microwave, is based on the same rugged signal features that support operation in the difficult terrestrial environment.

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