

Abstracts

Millimeter Wave Up/Down Converter Technology for Spaceborne Applications

M. Piloni, F. Montauti and S. Crema. "Millimeter Wave Up/Down Converter Technology for Spaceborne Applications." 1992 MTT-S International Microwave Symposium Digest 92.2 (1992 Vol. II [MWSYM]): 691-694.

This paper deals with the design of V band up/down converters for spaceborne communication, systems. On the analysis of interesting results obtained on BB models, it demonstrates that, at present, the above design approaches represent the most reliable and performant circuits to operate as up/down converter above 60 GHz.

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