

## Microwave Tunable Active Filter Design in MMIC Technology Using Recursive Concepts

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In this article, two active filters in the X-band, using low frequency transversal and recursive principles are presented. Previously implemented in hybrid technology, those two structures are developed here using MMIC technology. In a first step, studies of the different functional blocks leading to the design of such original structures are described. Then we validate our approach with the measured results for these two filters.

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