

DYNAMIC BAND STEERING FILTER BANK DIE HAVING FILTER SKIRT MANAGEMENT

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Abstract

Disclosed is a filter bank die that includes a first acoustic wave (AW) filter having a first antenna terminal coupled to the antenna port terminal and a first filter terminal, wherein the first AW filter is configured to have a filter skirt with a slope that spans at least a 100 MHz gap between adjacent passbands, and a second AW filter having a second filter terminal, and a second antenna terminal coupled to the first antenna terminal to effectively diplex signals that pass through the first AW filter and the second AW filter.

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Fig. 1