

# Three Major Cellular Baseband IC Vendors' Development in the RF Market and Their Patent Portfolios

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## Abstracts

An RF (Radio Frequency) module is a key component used to receive and transmit radio signals. The unique design and manufacturing processes of RF modules have resulted in an oligopolistic market. However, an increasing number of leading baseband processor vendors has made inroads into the RF market. This report analyzes the market strategies of the top three vendors: Qualcomm, Huawei, and Samsung and explores their recent developments and their patent portfolios.

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