



(54) **METHOD AND APPARATUS FOR SIGNAL RECEPTION IN COMMUNICATION SYSTEM**

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(57) **ABSTRACT**  
An operation method of a first communication node in a communication system may include: determining whether each of one or more interference signals satisfies an LOS condition or an NLOS condition, the one or more interference signals being received through a first antenna composed of a plurality of antenna elements; estimating incident direction(s) of the one or more interference signals; performing spatial filtering based on the incident direction(s) of the one or more interference signals, with respect to each of a plurality of array antenna combinations each of which is determined at least in part based on some of the plurality of antenna elements; and receiving wireless signals based on a result of the spatial filtering.

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