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(19) **United States**(12) **Patent Application Publication**  
**KIM et al.**(10) **Pub. No.: US 2022/0360241 A1**(43) **Pub. Date: Nov. 10, 2022**(54) **WIRELESS COMMUNICATION DEVICE  
FOR CONTROLLING SIGNAL POWER OF  
RECEIVED SIGNAL AND OPERATING  
METHOD THEREOF**(71) Applicant: **SAMSUNG ELECTRONICS CO.,  
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(57)

**ABSTRACT**

A method of controlling a signal power of a received signal received by a wireless communication device, the method including: measuring the signal power of the received signal at a plurality of time points in response to a gain control signal; calculating a variance of the signal power of the received signal at at least some time points of the plurality of time points; and controlling the signal power of the received signal based on a gain level determined according to the variance of the signal power of the received signal.

