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(54) **ENERGY DETECTION THRESHOLD  
DESIGN FOR WIRELESS NETWORK**

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(71) Applicant: **QUALCOMM Incorporated**, San  
Diego, CA (US)

(72) Inventors: **Luanxia YANG**, Beijing (CN);  
**Changlong XU**, Beijing (CN); **Jing**  
**SUN**, San Diego, CA (US); **Xiaoxia**  
**ZHANG**, San Diego, CA (US); **Hao**  
**XU**, Beijing (CN)

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**ABSTRACT**

Aspects presented herein may enhance the determination of ED threshold to improve the channel access probability of the UE and the base station. In one aspect, a UE or a base station determines an ED threshold for a transmission, where the ED threshold is based on a characteristic of the transmission, a channel, or the UE/base station excluding a maximum transmit power of the UE or the base station. The UE or the base station determines whether an energy on the channel is less than the determined ED threshold. The UE or the base station transmits on the channel when the energy is determined to be less than the ED threshold.

