US 20230232329A1

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2023/0232329 A1

CHEN et al. (43) Pub. Date: Jul. 20, 2023

(54) METHOD AND APPARATUS FOR MANAGING SIGNAL TRANSMISSION POWER MODE

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(21) Appl. No.: **17/997,124**

(22) PCT Filed: **Jun. 18, 2020**

(86) PCT No.: **PCT/CN2020/096838**

§ 371 (c)(1),
(2) Date: **Oct. 25, 2022**

**Publication Classification**

(51) **Int. Cl.**
*H04W 52/02* (2006.01)
*H04W 24/10* (2006.01)
*H04W 4/33* (2006.01)

(52) **U.S. Cl.**
CPC ... ***H04W 52/0235*** (2013.01); ***H04W 52/0241*** (2013.01); ***H04W 24/10*** (2013.01); ***H04W 4/33*** (2018.02)

(57) **ABSTRACT**

The apparatus of wireless communication is a UE. The UE out of coverage of any base station may operate in a VLP mode and set a signal transmission power to a first power level. The UE may detect and connect to a base station, switch the power mode of UE based on a power mode of the base station connected by the UE, and switch the signal transmission power from the first power level to the second power level greater than the first power level. When the UE detects equal to or more than two base stations, the UE may select the base station from the equal to or more than two base stations detected based on a condition and connect to the base station selected from the two detected base stations.