

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0214020 A1 DAI et al.

Jun. 27, 2024 (43) **Pub. Date:**

(2013.01); G01S 13/08 (2013.01)

(54) MAXIMUM PERMISSIBLE EXPOSURE **DETECTION AND MITIGATION UTILIZING USER EQUIPMENT TO OBJECT** ASSOCIATIONS

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(21) Appl. No.: 18/069,927

Filed: Dec. 21, 2022 (22)

Publication Classification

(51) Int. Cl.

(2006.01)H04B 1/3827 (2006.01)G01S 7/41 G01S 13/08 (2006.01)

(52) U.S. Cl. CPC H04B 1/3838 (2013.01); G01S 7/411

ABSTRACT (57)

A network node may obtain a first position of an object associated with a user equipment (UE) based on a received reflection of a sensing signal. The (UE) may transmit a communication beam to a network node. The network node may obtain at least one of an indication of a second position of the UE or a beam direction of the communication beam. The network node may configure a set of communication maximum permissible exposure (MPE) attributes associated with the UE based on an MPE threshold, the first position, and at least one of the second position or the beam direction. The network node may transmit the configuration of the set of communication MPE attributes to the UE. The UE may receive the configuration of the set of communication MPE attributes.

