



US 20230231607A1

(19) **United States**

(12) **Patent Application Publication**
ZHOU et al.

(10) **Pub. No.: US 2023/0231607 A1**

(43) **Pub. Date: Jul. 20, 2023**

(54) **SUBBAND BEAM REPORTING**

Publication Classification

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

(51) **Int. Cl.**

H04B 7/06 (2006.01)

H04L 5/00 (2006.01)

(72) Inventors: **Yan ZHOU**, San Diego, CA (US);
Hamed PEZESHKI, San Diego, CA (US);
Konstantinos DIMOU, New York, NY (US);
Tao LUO, San Diego, CA (US)

(52) **U.S. Cl.**

CPC **H04B 7/0626** (2013.01); **H04L 5/0094** (2013.01); **H04L 5/0051** (2013.01)

(57)

ABSTRACT

Various aspects of the present disclosure generally relate to wireless communication. In some aspects, a user equipment (UE) may receive configuration information for a beam report, wherein the configuration information indicates whether the beam report is associated with at least one of a subband granularity or a wideband granularity, wherein the beam report is for a reference signal received power (RSRP) measurement or a signal to interference plus noise ratio (SINR) measurement, and wherein the beam report is based at least in part on a channel state information reference signal (CSI-RS) or a synchronization signal block (SSB). The UE may determine the beam report based at least in part on the configuration information. The UE may transmit the beam report. Numerous other aspects are provided.

(21) Appl. No.: **18/002,389**

(22) PCT Filed: **Sep. 1, 2021**

(86) PCT No.: **PCT/US2021/071340**

§ 371 (c)(1),

(2) Date: **Dec. 19, 2022**

(30) **Foreign Application Priority Data**

Sep. 4, 2020 (GR) 20200100538

