



US 20230231637A1

(19) **United States**

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

(10) **Pub. No.: US 2023/0231637 A1**

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

(54) **CHANNEL STATE INFORMATION REPORTS AND CHANNEL STATE INFORMATION INTERFERENCE MEASUREMENT REPORTS ASSOCIATED WITH JOINT SENSING AND COMMUNICATION SERVICES**

(30) **Foreign Application Priority Data**

Jun. 30, 2020 (WO) PCTCN2020099113

Jun. 30, 2020 (WO) PCTCN2020099118

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

Publication Classification

(72) Inventors: **Qiaoyu LI**, Beijing (CN); **Hao XU**, Beijing (CN); **Yu ZHANG**, San Diego, CA (US); **Chao WEI**, Beijing (CN); **Min HUANG**, Beijing (CN); **Jing DAI**, Beijing (CN)

(51) **Int. Cl.**
H04B 17/345 (2006.01)

(52) **U.S. Cl.**
CPC **H04B 17/345** (2015.01)

(21) Appl. No.: **17/998,414**

(22) PCT Filed: **Jun. 2, 2021**

(86) PCT No.: **PCT/CN2021/097865**

§ 371 (c)(1),

(2) Date: **Nov. 10, 2022**

(57) **ABSTRACT**

Various aspects of the present disclosure generally relate to wireless communication. In some aspects, a user equipment may receive one or more reference signals associated with a sensing signal, and transmit a sensing interference report that indicates one or more parameters for reducing interference for the sensing signal. Numerous other aspects are provided.

