

ABSTRACT

SPATIAL REUSE METHOD, APPARATUS, DEVICE, AND MEDIUM

5 Provided are a spatial reuse method, an apparatus, a device, and a medium. In the method, a first spatial reuse device receives a portion or all of a PSRR PPDU sent by a second spatial reuse device on a first frequency band. The first frequency band includes one or more subbands with a same bandwidth. The first spatial reuse device determines, based on a value of a spatial reuse parameter SRP at a granularity of the bandwidth and a received power level RPL of the PSRR
10 PPDU at a granularity of the bandwidth, a reference transmit power for sending a PSRT PPDU on a second frequency band. The second frequency band includes one or more subbands with the bandwidth. The second frequency band and the first frequency band at least partially overlap. The RPL of the PSRR PPDU at the granularity of the bandwidth is determined based on one or more of the following: one or more subbands that are in the first frequency band and that are occupied
15 by a portion or all of the PSRR PPDU received by the first spatial reuse device; or a non-punctured subband in the first frequency band or the second frequency band. This reduces interference to reception of a spatial reuse device, and improves system efficiency.

20 Figure 8