ABSTRACT

This application provides a communication method, apparatus, and system, and relates to the field of communication technologies. The method includes: receiving first information from a second AP, where the first information indicates a first RU and a second RU, the first RU is a discrete RU including N tones, the second RU is a regular RU including M tones, N is a positive integer, and M is a positive integer; and sending second information to a STA, where the second information indicates that P tones in the N tones of the first RU are used for transmission from the STA to the first AP, and P is a positive integer less than or equal to N. The first AP may share a same frequency band resource with another AP, and use tones in the frequency band resource in an interleaved manner for data transmission, so that a transmit power of each tone is increased when power spectral density is limited. Therefore, a transmit power in a multi-AP scenario can be increased in the foregoing embodiments.