

ABSTRACT

This application discloses a communication method, a communication apparatus, and a computer-readable storage medium. This application is applied to a wireless local area network system supporting 802.11 series protocols such as a next-generation Wi-Fi protocol of IEEE 802.11ax like 802.11be, 802.15.4z, 802.15.4ab, Wi-Fi 7, or EHT, and a next generation of 802.11be like Wi-Fi 8, and may be further applied to an ultra-wideband UWB-based wireless personal area network system and a sensing (sensing) system. The method includes: generating a transmit signal, where a peak value of a first sidelobe of the transmit signal falls within a first peak value range; and sending the transmit signal, where the transmit signal is used for ranging, angle measurement, or Doppler measurement. In embodiments of this application, the peak value of the first sidelobe of the transmit signal falls within the first peak value range, so that impact of a line of sight path of the transmit signal on a non-line of sight path of the transmit signal can be reduced.