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(54) Title: COMMUNICATION METHOD, DEVICE AND SYSTEM

(54) 发明名称: 一种通信方法、装置及系统

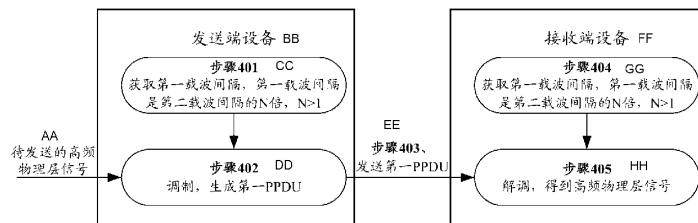


图 4

AA High-frequency physical layer signal to be sent
BB Sending device
CC Step 401: acquire a first carrier interval, wherein the first carrier interval is N times of a second carrier interval, and N is greater than 1
DD Step 402: modulate and generate a first PPDU
EE Step 403: send the first PPDU
FF Receiving device
GG Step 404: acquire a first carrier interval, wherein the first carrier interval is N times of a second carrier interval, and N is greater than 1
HH Step 405: modulate and obtain a high-frequency physical layer signal

(57) Abstract: Embodiments of the present application provides a communication method, device and system, which relate to the technical field of communications, and can enable the processing procedure of a high-frequency signal to be similar to the processing procedure of a low-frequency signal, thereby reducing the complexity of the design of a baseband chip compatible with both high and low frequencies. The method comprises: acquiring a first carrier interval, wherein the first carrier interval is N times of a second carrier interval corresponding to a first low-frequency channel, and N is greater than 1; and modulating a high-frequency physical layer signal to be sent on the basis of the first carrier interval to generate a first PPDU; and sending the first PPDU to a receiving device by means of a first high-frequency channel.

(57) 摘要: 本申请实施例提供一种通信方法、装置及系统, 涉及通信技术领域, 能够使得高频信号与低频信号的处理过程类似, 从而降低设计兼容高低频的基带芯片的复杂度。该方法包括: 获取第一载波间隔, 该第一载波间隔是第一低频信道对应的第二载波间隔的N倍, $N > 1$; 并且基于第一载波间隔对待发送的高频物理层信号进行调制, 生成第一PPDU; 以及通过第一高频信道向接收端设备发送第一PPDU。

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