System and Method for Response Frame Type indication

ABSTRACT OF THE DISCLOSURE

Embodiments are provided for indicating response frame types according to response frame durations in a wireless network. The embodiments include defining a plurality of response frame types in accordance to different transmission durations. The different response frame types are assigned corresponding indication values. When transmitting a current frame to a receiver entity, a transmitter entity selects a response frame type from the defined response frame types, and indicates in the current frame the selected response frame type using the assigned indication value. When a third entity receives the current frame, the third entity waits for a time period about equal to a predefined inter-frame and backoff time before transmitting a new frame. Upon determining that the indication value in the current frame is for sending a response frame, the third entity also waits an additional time period about equal to the transmission duration of the indicated response frame type.

Figure 3