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ADAPTIVE WIRELESS PARAMETER CONTROL METHOD, QoS CONTROL DEVICE AND WIRELESS COMMUNICATION SYSTEM

A QoS information identification unit receives a packet to be transmitted and based on QoS information, identifies the QoS type of the packet, and outputs the obtained QoS type to an adaptive wireless parameter controller as requested QoS information. The adaptive wireless parameter controller adaptively defines a retransmission parameter, an encoding scheme and a modulation scheme, based on the requested QoS information received from the QoS information identification unit, observed QoS information at the receiving side notified from the receiving side, and transmission path information. A transmission sequencing controller performs retransmission control for the packet based on the retransmission parameter defined therebefore. A data encoder encodes the packet based on the encoding scheme defined therebefore. A data modulator modulates the packet based on the modulation scheme defined therebefore.

(Figure 2)

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