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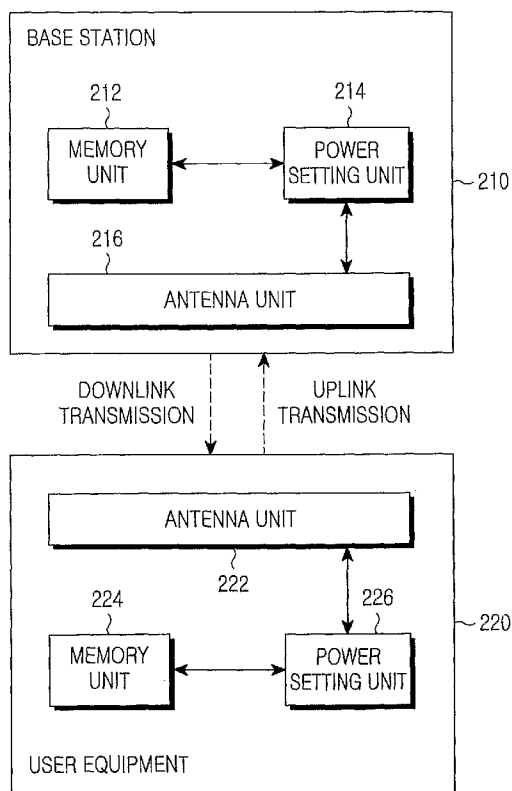
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(54) Title: METHODS AND APPARATUS FOR DOWNLINK PDSCH POWER SETTING



(57) Abstract: Methods and apparatus for transmitting power setting information in a downlink Physical Downlink Shared Channel (PDSCH) in a communication system. In this communication system, a plurality of methods for calculating traffic-to-pilot ratios (T2P) are established. In addition, a mapping scheme between a plurality of overhead signals and a plurality of reference signal (RS) overhead ratios, η_{RS} and the plurality of T2P calculation methods is established. A user-specific T2P ratio $P_{b,k}/P_{RS}$ for certain OFDM symbols, a RS overhead ratio η_{RS} and a calculation method selected from the plurality of T2P calculation methods are assigned to a wireless terminal. Then, an overhead signal corresponding to both of the assigned RS overhead ratio η_{RS} and the assigned T2P calculation method is selected in accordance with the mapping scheme and is transmitted to the wireless terminal.

FIG.7



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