

ABSTRACT

NEW WLAN TDM PROTOCOL

A wireless network device comprises an RF transceiver that transmits and receives data packets and that periodically transmits or receives a beacon. A control module communicates with the RF transceiver, determines a default interframe space (IFS) time based on the beacon, and selects one of the default IFS time and a second IFS time that is less than or equal to the default IFS time based on a number of data packets received after the beacon.

FIG. 5



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