Title (en)

POWER MARGIN CONTROL

Title (de)

LEISTUNGSRESERVENSTEUERUNG

Title (fr)

CONTROLE DE LA MARGE DE PUISSANCE

Publication

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Application

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Abstract (en)

[origin: WO0221704A2] A method of testing signal power margin in a wireless local area network (LAN). A peripheral unit is capable of responding to a message from said transceiver unit (TRX) by sending an acknowledgement signal (ACK) back to said transceiver unit (TRX). A situation in the network where the acknowledgement signal (ACK) power is reduced is simulated. Then, a message to said peripheral (ESL) is sent from said transceiver (TRX). It is registered whether or not an acknowledgement (ACK) from said peripheral (ESL) is received by the transceiver unit (TRX). A signal power margin test system for a local area network (LAN). A peripheral unit is capable of responding to a message from a transceiver unit (TRX) by sending an acknowledgement signal (ACK) back to said transceiver unit (TRX). The system comprises a control unit programmable to switch the relative signal power levels between a nominal power situation, and a simulated situation that corresponds to a system where the power margin is reduced.

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H04L 12/28; H04L 1/14

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