

Title (en)

ANTENNA-PARAMETER CONTROL IN A DISTRIBUTED SYSTEM

Title (de)

ANTENNENPARAMETERSTEUERUNG IN EINEM VERTEILTEN SYSTEM

Title (fr)

TRAITEMENT D'ANTENNE-PARAMÈTRE DANS UN SYSTÈME DISTRIBUÉ

Publication

EP 3649756 A1 20200513 (EN)

Application

EP 18749918 A 20180702

Priority

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Abstract (en)

[origin: CN111183601A] An electronic device that provides modified electrical signals is described. An interface circuit in the electronic device may provide electrical signals for an antenna module, which may be coupled to the interface circuit by a cable, and the electrical signals may correspond to or may specify an output transmit-power level at the interface circuit. Then, the interface circuit may receive feedback about an input transmit-power level at the antenna module. Based on the feedback, a data rate and/or a modulation and coding scheme, the interface circuit may provide the modified electrical signals for the antenna module, where the modified electrical signals correspond to a modified output transmit-power level at the interface circuit. In some embodiments, the feedback is provided by repurposing, during a different operating mode, signal lines that otherwise specify an antenna pattern.

IPC 8 full level

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