

Title (en)

INTEROPERABILITY IMPROVEMENT BETWEEN RECEIVERS AND TRANSMITTERS IN A MOBILE STATION

Title (de)

INTEROPERABILITÄTSVERBESSERUNG ZWISCHEN EMPFÄNGERN UND SENDERN IN EINER MOBILSTATION

Title (fr)

AMÉLIORATION DE L'INTEROPÉRABILITÉ ENTRE DES RÉCEPTEURS ET DES ÉMETTEURS DANS UNE STATION MOBILE

Publication

EP 2036212 A1 20090318 (EN)

Application

EP 06779739 A 20060620

Priority

IB 2006001661 W 20060620

Abstract (en)

[origin: WO2007148143A1] A mobile station is disclosed that includes a first antenna, at least one second antenna, and a receiver coupled to the first antenna. The receiver includes first control logic configured to generate a notification of the receiver being able to receive a reception frequency band and includes a transmitter coupled to the at least one second antenna and the receiver. The transmitter communicates radio frequency (RF) signals in a transmission frequency band over an RF transmit path to the at least one second antenna. The transmitter includes a tunable filter coupleable to the RF transmit path, and second control logic configured to adjust at least one characteristic of the tunable filter based at least in part on the notification. The adjustment is performed to reduce, when the tunable filter is coupled to the RF transmit path, interference caused by transmission in the transmission frequency band with reception in the reception frequency band.

IPC 8 full level

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CPC (source: EP)

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