

Title (en)
DUAL-MODE WIRELESS UNIT WITH TWO SPREAD-SPECTRUM FREQUENCY BANDS

Title (de)
FUNKSYSTEM MIT ZWEI BETRIEBSARTEN UND ZWEI SPREIZSPEKTRUMFREQUENZBÄNDERN

Title (fr)
UNITE BIMODE SANS FIL A DEUX BANDES DE FREQUENCES A ETALEMENT DE SPECTRE

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Application
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Abstract (en)
[origin: WO9512925A1] The invention provides a dual-band spread-spectrum modulator (101, 103, 105) which uses a single, relatively narrow, synthesizer to serve two operating frequency bands (102, 104). In the lower frequency band, the synthesizer may operate in a high-side injection mode, while in the higher frequency range, the synthesizer may operate in a low-side injection mode. In a preferred embodiment, the lower frequency range may comprise about 1850 to 1990 megahertz, while the higher frequency range may comprise about 2400 to 2483.5 megahertz.

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