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Transceiver for Low Signal-To-Noise Ratio Packet-Based Communication Channels

Tech ID: 20709 / UC Case 2006-196-0

TECHNOLOGY DESCRIPTION

University inventors have invented a transceiver which enables packet acquisition at low (< 0dB) signal-to-noise ratio without the use of external synchronization. This invention enables:

- Extended range in spread spectrum networks,
- Improved reliability of spread spectrum networks, and
- Low SINR operation for spread spectrum radios, without significant additional design costs.

PATENT STATUS

Country	Туре	Number	Dated	Case
United States Of America	Issued Patent	8,208,513	06/26/2012	2006-196

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OTHER INFORMATION

KEYWORDS

wireless communications, spread

spectrum networks

CATEGORIZED AS

▶ Communications

▶ Wireless

RELATED CASES

2006-196-0

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