

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	Type	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

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