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## Hybrid sensing method of real OFDM signal

### Tytuł

Hybrid sensing method of real OFDM signal

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Abstract: The article presents the results of the efficiency analysis of the hybrid sensing technique for the OFDM (Orthogonal Frequency Division Multiplexing) signal used in the radiostation R-450C produced by TRANSBIT company. To conduct the research a hybrid detector was used, combining a fast detection method with a method ensuring high accuracy. Thanks to such a combination an increase in detection speed was obtained while maintaining the required reliability and sensitivity. The article also presents exemplary time requirements for sensing and describes the characteristics of the considered physical OFDM signal.

Keywords: hybrid detector, physical signal, physical OFDM, sensing time

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