

ABSTRACT

SDR (Software Defined Radio) system is a computing technology with a computer used as a tool for processing radio signal decoding, The implementation of this SDR-based system aims to provide an alternative in communication via radio waves using computer resources and a device called RTL-SDR R2832U which functions as a digital television signal receiver. Therefore, a system is built that utilizes GNURADIO and GR-DVBT2 on the Linux operating system for the process of radio signals decoding.

Keyword: SDR (Software Defined Radio), RTL-SDR, GNURADIO, GR-DVBT2