

Research on High Definition Television HDTV

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Abstract: In the context of increasing demand for image quality in media, this study focuses on the necessity of implementing a high-definition television (HDTV) system. The objective is to build an efficient HDTV processing and broadcasting system. The method includes theoretical research on signal conversion techniques and practical testing at local media channels. The expected results confirm the feasibility and potential application of HDTV in the future, contributing to the development of the television industry.

Keywords: HDTV, transmission technology, signal processing