

Research on the second generation digital terrestrial television system

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Abstract: In the context of the rapid development of modern television technology, this topic focuses on researching and analyzing the second-generation digital terrestrial television system (DVB-T2). The objective is to identify the superior technical characteristics of DVB-T2 and evaluate its effectiveness in upgrading the current television infrastructure. The methodology includes theoretical research and practical experimental implementation. The expected outcome of this topic is to provide a foundation for the sustainable development of the terrestrial television industry, while contributing to modern technological knowledge.

Keywords: DVB-T2, digital terrestrial television, infrastructure upgrade