

Research on the second generation digital satellite television system

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Abstract: In the context of the increasing demand for communication technology development, this topic focuses on researching and building a second-generation digital satellite television system. The project aims to improve transmission performance and image quality by applying the latest techniques in satellite telecommunications. The research method includes analyzing current theory combined with experiments to evaluate the system's reliability and applicability. The expected results of this project not only contribute to the development of digital television technology but also provide valuable information for researchers and businesses in the telecommunications field.

Keywords: Satellite digital television, next-generation satellite system, transmission technology, image quality