

Design and construction of remote display control sign using Bluetooth signal

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Abstract: This topic addresses the design and construction of a Bluetooth signal enhancement system through the use of frequency division technology. The background for choosing this topic is the continuously increasing demand for connection quality and performance of mobile devices in daily practical applications. The objective of this project is to develop an improved Bluetooth signal control system to optimize range and reliability. The research methodology includes analyzing current technology, designing a theoretical model, and conducting experimental implementation to test the effectiveness of the proposed solution. The expected result is to contribute an improved Bluetooth system that meets the diverse needs of mobile connectivity in the future.

Keywords: Bluetooth, Mobile signal, Signal control, Frequency division multiplexing technology, Transmission system