

Research on modulation techniques in DVB-S2

Le Hong Quang

Abstract: This topic focuses on researching and evaluating modern modulation techniques in the DVB-S2 satellite transmission system, aiming to understand the theoretical basis as well as apply experimental methods to improve transmission performance. The objective is to identify the main factors affecting signal quality and propose optimal solutions for the practical use of this technology. Through the research process, it is expected to make a significant contribution to the development of satellite technology and provide valuable information for analysts and transmission system designers.

Keywords: DVB-S2, modulation technique, satellite transmission, signal performance, optimal solution