MODELING OF DVB-S2 LINK, INCLUDING LDPC CODING

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ABSTRACT

This paper highlights the Modeling of DVB-S2 link, including LDPC Coding. The evaluation was done by comparing the modulation schemes for ½, 1/3, 2/3, 2/5 and 3/5 QPSK modulation. The range of Es/No is selected from -30 to 30. This study has been done using MATLAB 7.5.0 (R2007b). The finding shows that the BER value is lowest in the 1/3 QPSK modulation schemes.

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