The choice of DVB-T2 signal transmission technology in the shadow areas of the Republic of Moldova

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This article presents the results of research into the opportunity to use Gap Fillers in the shadow areas of the first national digital terrestrial television multiplex of the Republic of Moldova. A basic condition related to the expansion of the population's access to the DVB-T2 signal in the "shadow areas" was - the use of the existing terrestrial broadcasting infrastructure. It was demonstrated that, to achieve the proposed goal, the use of Gap Fillers is not appropriate, but for the signal emission in the "shadow areas" it is necessary to use low-power DVB-T2 transmitters. In this case, the transport of the T2-MI flow to the entrance of the mentioned transmitters will be ensured by means of the existing fiber optic networks.