

SIMPLE RADIO TELESCOPES OF LOW FREQUENCIES

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At the last years the interest to small inexpensive instruments for geophysical and space researches has increase. Deploy of small, inexpensive instrument arrays is supported by United Nations Basic Space Science Initiative (UNBSSI) program. The individual simple instrument has the limited research potential. Therefore, it is important to define a strategy of the instrument using. This strategy establishes framework of the engineering solution of instrument and its cost.

We have considered strategy of use of simple low frequency radio telescopes in arrays of spaced observations. The radio telescope engineering requirements for investigation of different cosmic radio sources were defined. The experimental results of the radio bursts spaced reception are considered.