

Sporadic Decameter Radio Emission of the Sun

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The last results of observations of solar sporadic radio emission on the UTR-2 radio telescope at the frequencies 10-30MHz are presented. Using of new back-end facilities - the DSP and 60-channel spectrometer allows obtaining data with time resolution up to 2 ms and frequency resolution 12 kHz in the continuous frequency band 12MHz. Usual Type III bursts, type III-b bursts, U- and J- bursts in the decameter range are discussed. Especial attention is paid to detection and analysis of Type II bursts and their properties, first found fine time structures of Type III bursts, Type III-like bursts, s-bursts, new observational features of drift pair bursts, “absorption” burst.