



Interpretation of Tadpole Structures in the Solar Radio Radiation

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The new spectrometer on the Ukrainian radio telescope UTR-2 allows to observe the solar radio radiation at low frequencies (10-30 MHz) with a high spectral and temporal resolution. Tadpole structures were observed as special fine structures in the solar radio radiation. They show a fast drift (-2.13 MHz/s) in the dynamic radio spectrum. They appear as an ensemble of tadpoles drifting slowly (-8.3 kHz/s) from high to low frequencies. The tadpoles are interpreted as electron beams accelerated at shocks in the high corona.