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Energy release processes during the partially occluded flare on 29th May 2020, according to microwave observations.

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We present the preliminary results of the SOL 29-05-2020T07:20 flare study based on observations within the 4-8 GHz range by Siberian Radioheliograph 48, spectropolarimeter 4-8 GHz and the other available microwave (MW) data. The MW time profiles of the flare demonstrated at least three quasi-periodic bursts. The current study aims to find mechanisms generating the emission of the different bursts and suggest the preliminary scenario of the event. We analysed the spectra of the MW bursts and their source position at different frequencies. The analysis revealed that the first burst and the consequence bursts occurred in the two distant places. The mechanisms of MW emission generation differ from burst to burst. The relation of the burst locations and their MW spectral properties are discussed and compared to valuable X-ray observations.

Email

lkk@iszf.irk.ru

Primary authors: KASHAPOVA, Larisa (Institute of Solar Terrestrial Physics SB RAS, Irkutsk, Russia); ZHDANOV, Dmitrii (Institute of Solar-Terrestrial Physics SB RAS, Irkutsk, Russia)

Presenter: KASHAPOVA, Larisa (Institute of Solar Terrestrial Physics SB RAS, Irkutsk, Russia)

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