



Band Splitting in Solar Type II Radio Bursts Observed by RSTN

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Splitting in solar type II radio spectrum is one of the rarely occurred phenomena, which is very useful to compute the coronal Mach number and hence the coronal magnetic field strength. In this study, we have examined the m-type II radio bursts data observed by the Radio Solar Telescope Network (RSTN) for the solar cycle 24 (2009-2019). Among them 44 events are associated with band splitting. We have analysed these events in detail and compute their speeds, association with CMEs, Mach number, and the coronal magnetic field strength. Finally, we compared and discuss our results with previous studies.