STUDY OF RADIO EMISSIONS AT MICROWAVE RANGE PRECEDING TO THE LARGE FORBUSH DECREASES

V.S. Prokudina, Sternberg Astronomical Institute, Moscow State University, Moscow, Russia
M. Slivka, K. Kudela, Institute of Experimental Physics, Slovak Academy of Sciences, Košice, Slovakia

slivka@upjs.sk

We analyzed the chromospheric flares before the events with power Forbush effects. It is noticed that besides the observation of MC, CME during the all events were observed the large fluxes of microwave radio emission at frequency f=15.4 GHz, which increased at maximum of the flare more than two orders of values. The several events with large FD and power microwave bursts were analyzed. Perhaps, this feature was caused by large amount of ejective plasma of solar flare, if we may judged from microwave radiation, CME, MC (magnetic cloud) , disturbances at solar wind and geomagnetic effects.