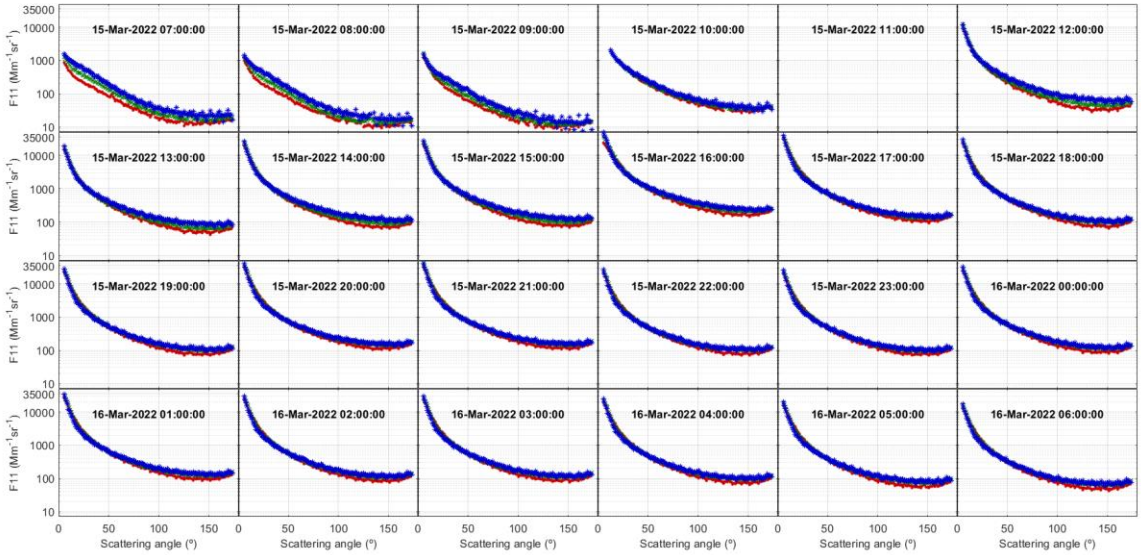

Figure S1. Temporal evolution of the 60-minute average of F_{11} during the dust event on March 15th - 16th.

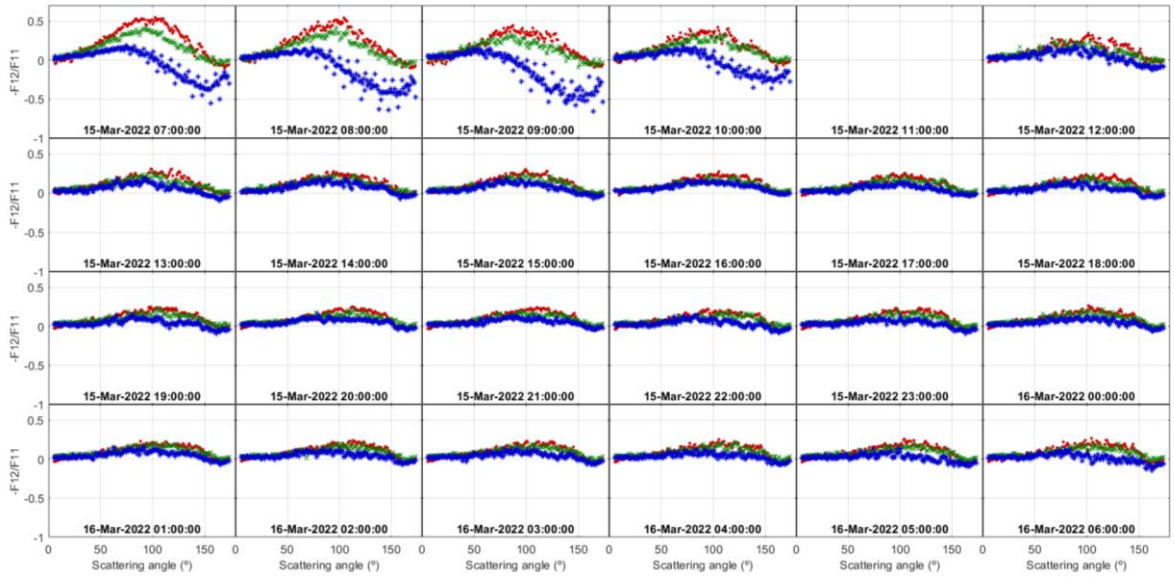

Figure S2. Temporal evolution of the 60-minute average of $-F_{12}/F_{11}$ during the dust event on March 15th - 16th.

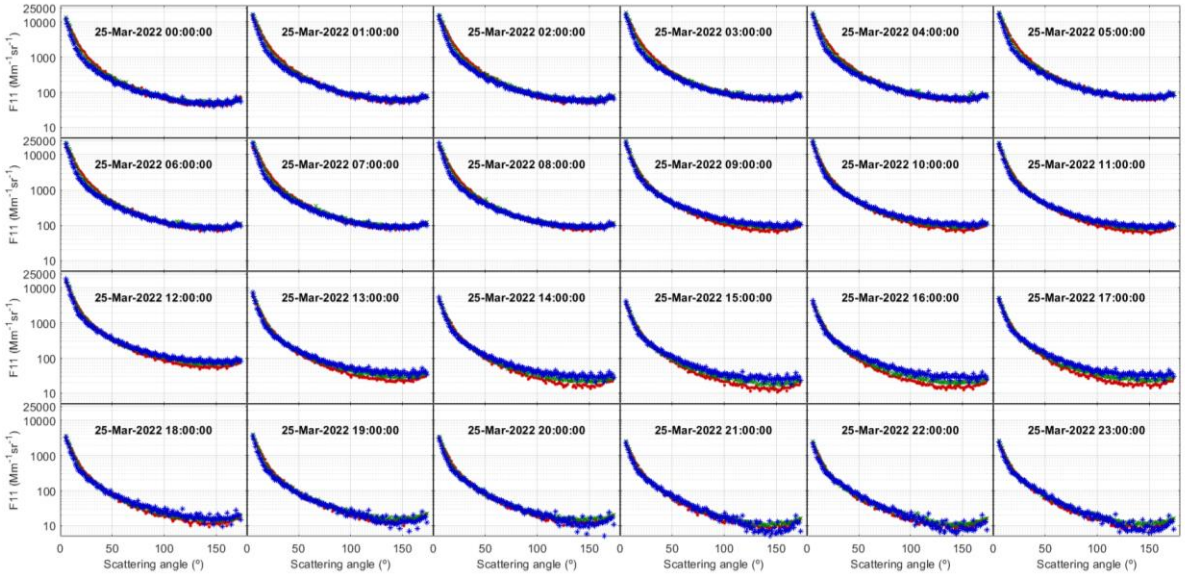

Figure S3. Temporal volution of the 60-minute average of F_{11} during the dust event on March 24th - 25th.

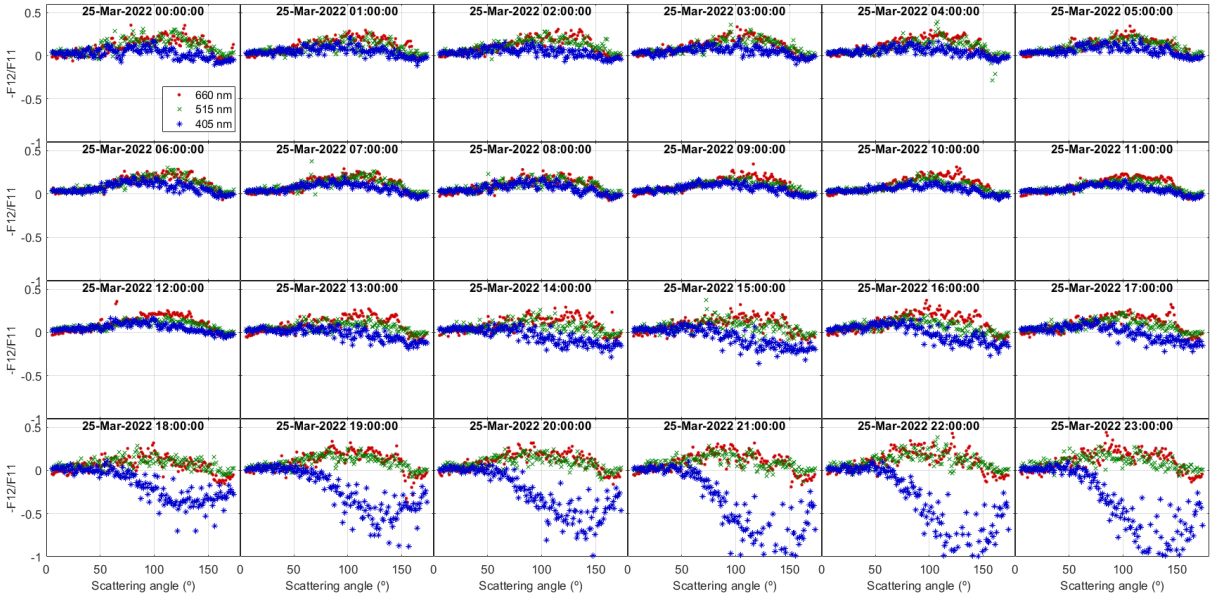

Figure S4. Temporal volution of the 60-minute average of $-F_{12}/F_{11}$ during the dust event on March 24th - 25th.