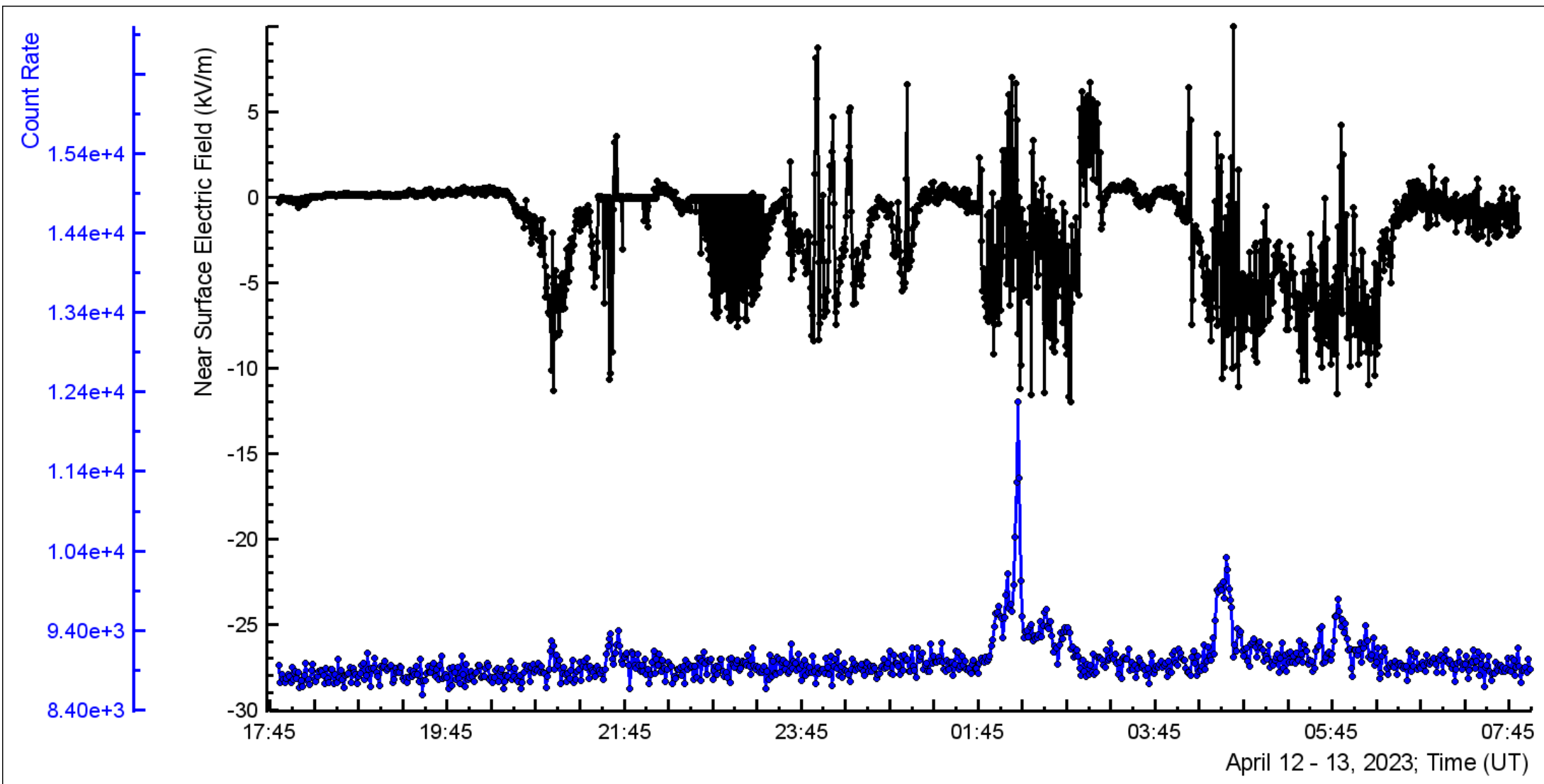
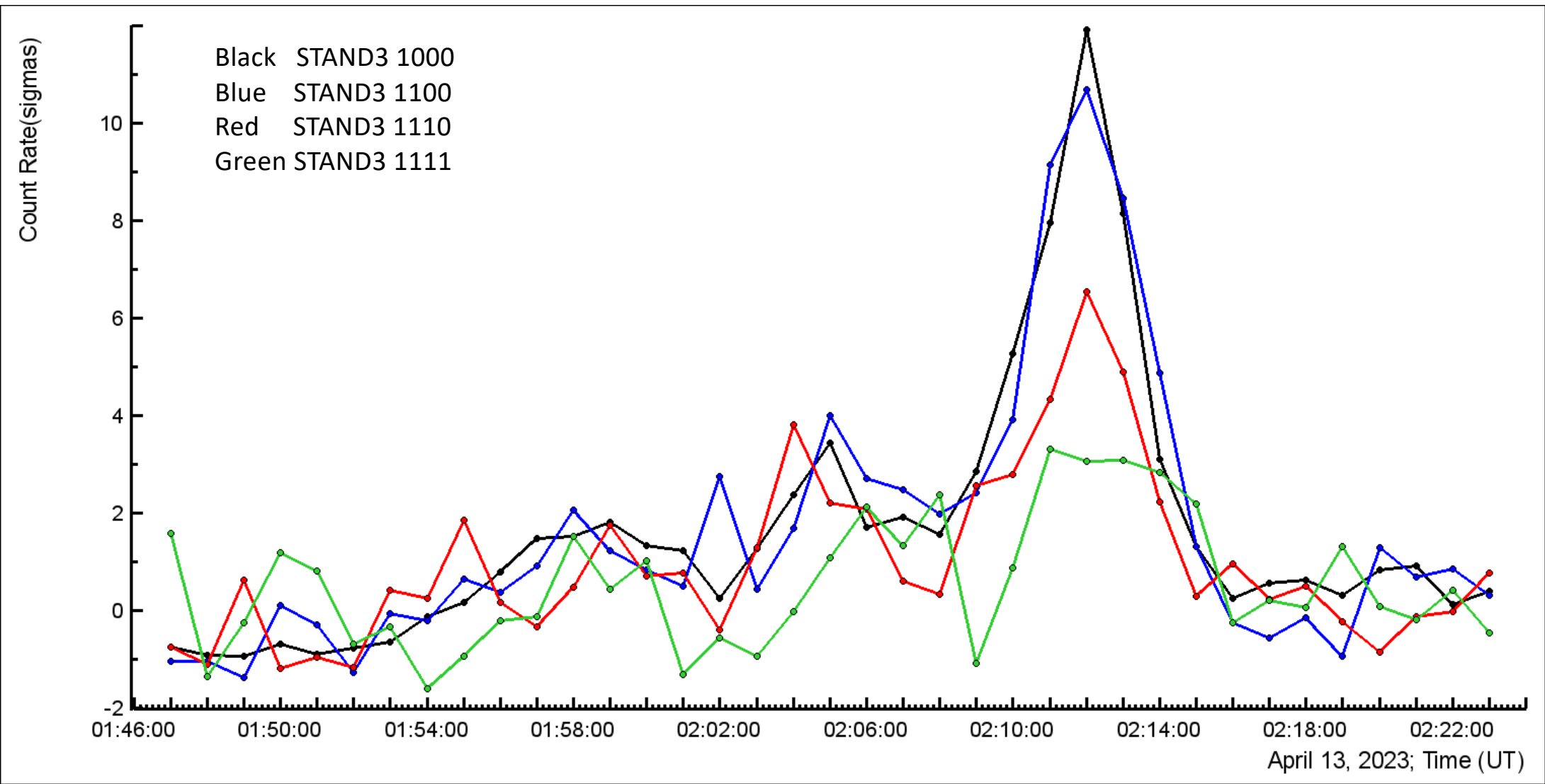


First sizable TGE of 2023

- On April 12-13 occurred, sizable TGE with high-energy electrons (> 20 MeV, see red curve);
- It was accompanied with numerous nearby lightning flashes (6-7 km)

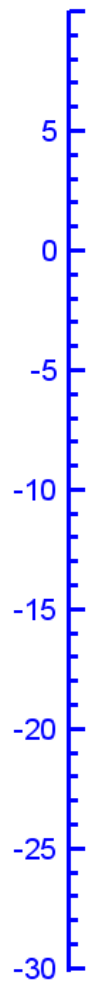




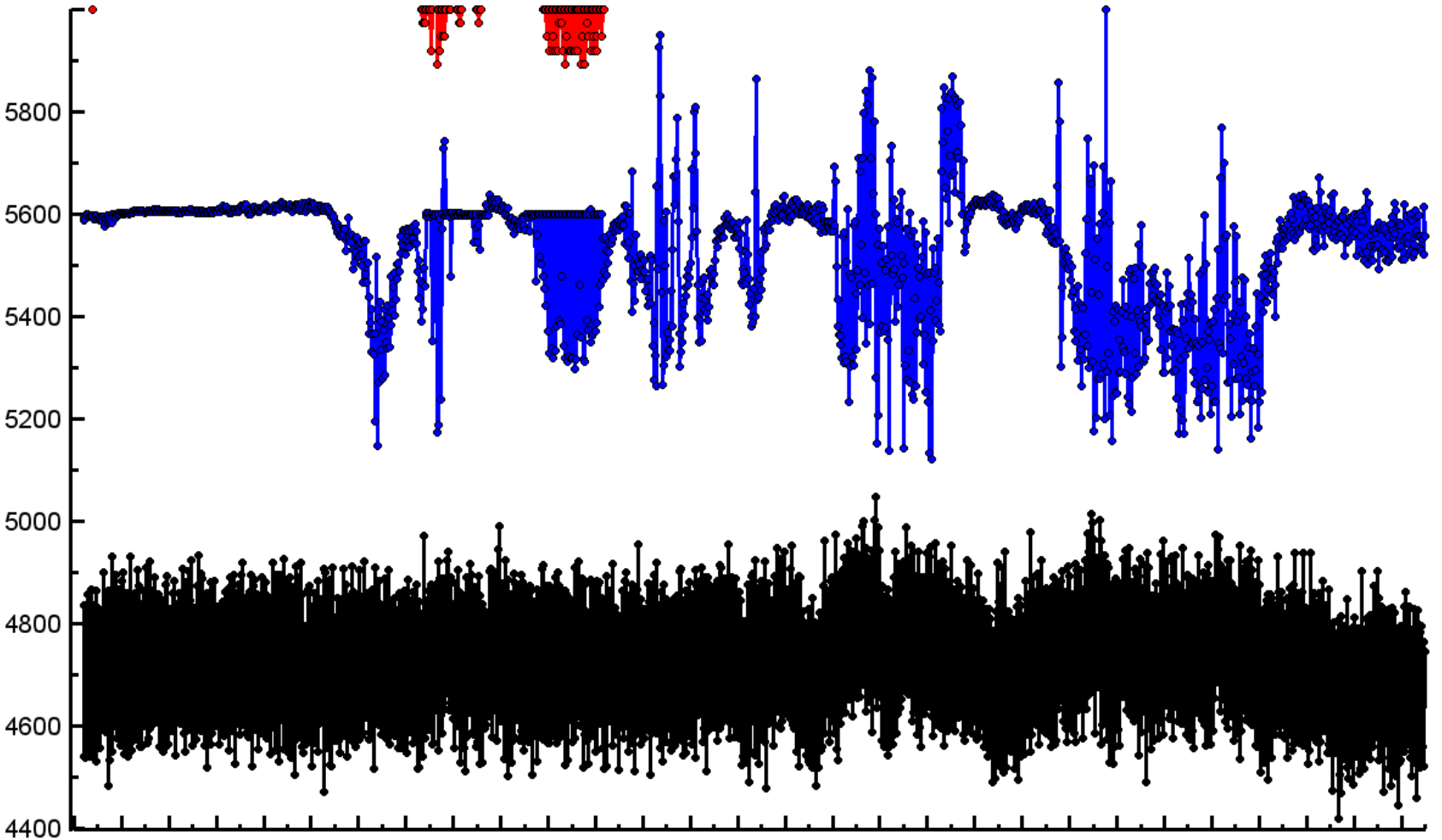
Distance (km)



Near Surface Electric Field (kV/m)



Count Rate



17:45 19:45 21:45 23:45 01:45 03:45 05:45 07:45

April 12 - 13, 2023; Time (UT)

