

Poster Session (P)

Poster Lunch (1)

Author: Mrs. Cheng Li

Lanzhou Institute of Physics, China, lichenganny@163.com

IONOSPHERE ELECTRIC FIELD DETECTION TECHNOLOGY

Abstract

Ionosphere electric field is an important parameter in space environment, which is of great significance to the study of space weather, earthquake monitoring and the study of heliogeophysics. In this paper, the space electric field detection technology and the typical detection system is analyzed and compared, and the commonly used double probe electric field detection technology is described in detail. The system composition and the design specifications of the electric field detector which has been developed are discussed.