Ionospheric foF2 at EIA region: comparison between observations and IRI model

Y.J. Chuo (1) and C.C. Lee (2)

(1) Department of Commercial & Technology Management, Ling-Tung University, Taichung 408, Taiwan, China (yjchuo@mail.ltu.edu.tw / Fax: +886-4-22614130), (2) General education center, Ching-Yun University, Chung-Li 320, Taiwan, China

We have used data from an equatorial ionization anomaly area station in the western Pacific region to study the monthly variability of foF2. Diurnal, seasonal, and solar activity effects were investigated. The data established by this study are proposed as valid input values for the development of URSI and CCIR options for the International Reference Ionosphere.