

On the behavior of continuous echoes in the E-region Irregularity

Atsushi Uchida[1], Mamoru Yamamoto[1], P. B. Rao[2], Shoichiro Fukao[1]

[1] RASC, Kyoto Univ., [2] National MST Radar Facility (India)

FAI (Field-Aligned Irregularities) echoes in the ionospheric E-region in the mid-latitude are categorized into two types.

One is called "QP (Quasi-Periodic) echoes" and the other is called "continuous echoes".

In this study, we explored past data of the MU radar, and found new facts in terms of continuous echoes, i.e., on seasonal variation of height distribution of the echoes between winter and summer.

We also show results from new observations in February 2000 with higher range and time resolutions.