

Simultaneous observations of oblique ionosonde, HFD and direction finding at Sugadaira

Yosuke Shibuta[1]; Ichiro Tomizawa[1]

[1] Sugadaira Space Radio Obs., Univ. of Electro-Comm.

<http://ssro.ee.uec.ac.jp/>

The radio waves of 5006 kHz and 8006 kHz are transmitted from the Chofu campus of UEC, to observe HF Doppler (HFD). However, it has weak point that the reflection height cannot be identified directly.

As the UEC HFD transmitter station and NICT Kokubunji ionosonde station are displaced only at 8km, it can be considered that the ionospheric reflection height is almost the same.