Japanese-Swedish Antarctic Expedition (JASE) was carried out in the East Antarctica from November, 2007 to January, 2008. The traverse route connected Syowa Station - Dome Fuji – Kohnen Station - Wasa station, following an inland ridgeline. Microwave data shows strong local variability related to the local variability of snow accumulation. Slight change of slope has been considered to produce local accelerations. These variations make an alternative snow accumulation pattern on the slope. Variations are also apparent on the inland ridge, mountainous area and lower snow field.