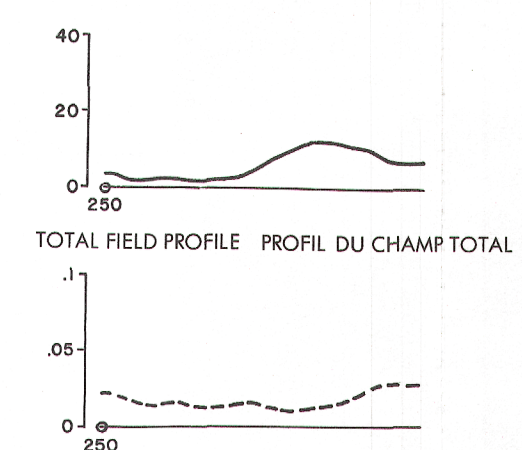




TOTEM VLF EM PROFILES FOR ORTHOGONAL STATION (Seattle)
 PROFILS DE TOTEM EN VLF POUR LA STATION ORTHOGONALE (Seattle)



TOTAL FIELD PROFILE PROFIL DU CHAMP TOTAL

QUADRATURE PROFILE PROFIL DE QUADRATURE

Solid line is total field VLF
 Scale is 1 cm. = 20%
 Le trait continu représente le champ total VLF
 L'échelle est de 1 cm = 20%

Dashed line is quadrature component VLF
 Scale is 1 cm. = 0.5% / m.
 Le trait discontinu représente la composante en quadrature VLF
 L'échelle est de 1 cm = 0.5% / m.

The primary component of the transmitted field is the VLF
 component which is the VLF component of the total field.
 The secondary component is the quadrature component which
 is the VLF component of the total field which is 90 degrees
 out of phase with the primary component.
 The distance between the two components is 90 degrees.
 The total field is the vector sum of the two components.
 The quadrature component is the component of the total field
 which is 90 degrees out of phase with the primary component.
 The quadrature component is the component of the total field
 which is 90 degrees out of phase with the primary component.