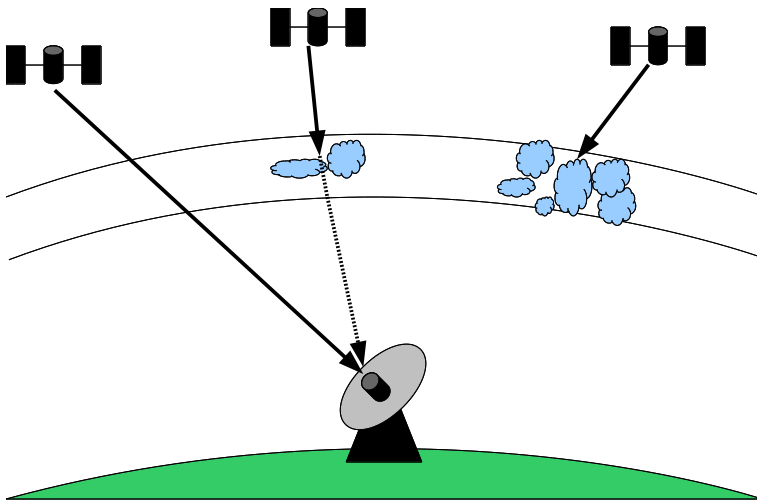


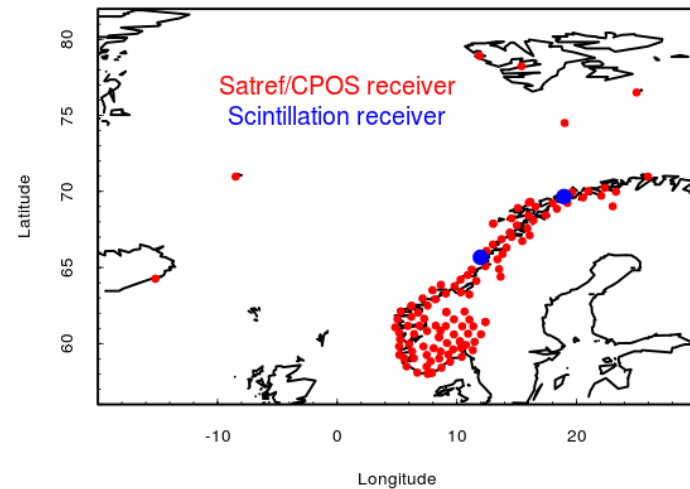
# Real Time Scintillation Observation at the Norwegian Mapping Authority

Sebastian Schäfer and Knut Stanley Jacobsen  
Norwegian Mapping Authority (NMA)

**What is scintillation?  
Why is it a problem for GPS signals?**



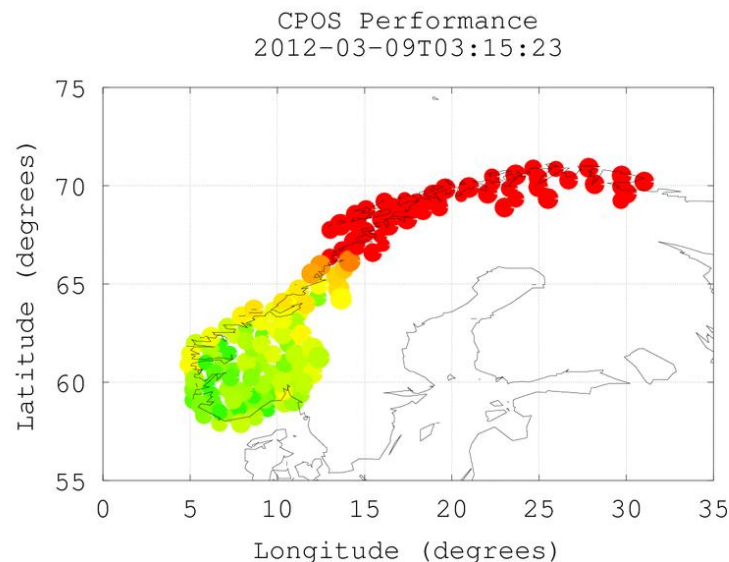
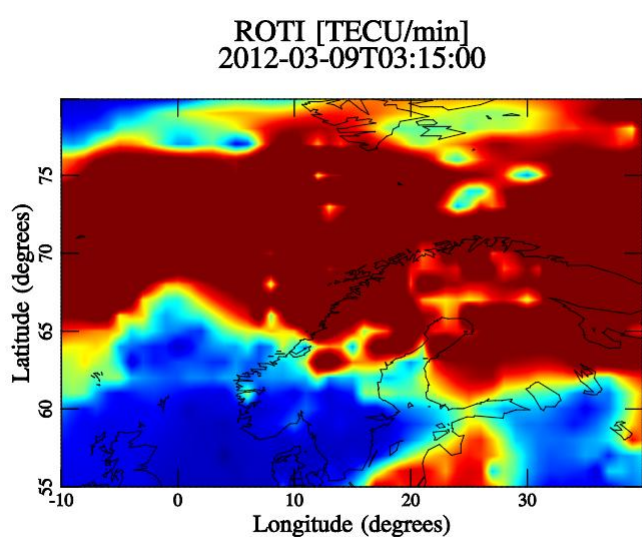
**How do we observe  
scintillation at the NMA?**



- **ROTI overview maps**
- **Scintillation Indices  $S_4$ ,  $\sigma_\phi$**



# Real Time Scintillation Observation at the Norwegian Mapping Authority



Scintillation and Position Height, Tromsø Sep 03, 2012

