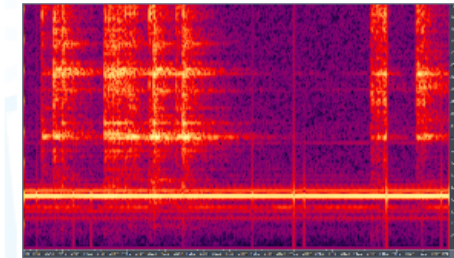
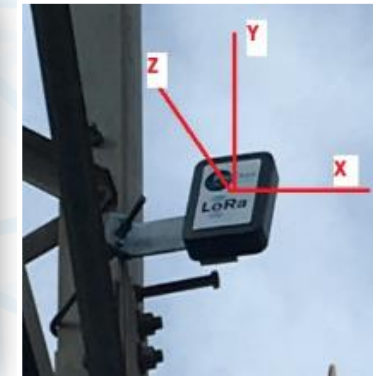


# CRITICAL INFRASTRUCTURE MONITORING USING LoRaWAN®

- **Key needs for monitoring:**
  - Integrity and verticality of HV pylons
  - Protection against attacks and sabotage
  - Prevention against copper theft
  - Temperature of pylon
- **Solution provided:**
  - Custom sensors developed by Proesys
  - Ruggedized LoRaWAN® gateways for harsh environments
  - Private network



Any anomaly triggers an alarm sent in real-time over the LoRaWAN® network together with the exact position of the HV pylon.