





ARNS : Aviation Radio Navigation Service

RNSS : Radio Navigation Satellite Service

[https://gssc.esa.int/navipedia/index.php/GNSS\\_signal](https://gssc.esa.int/navipedia/index.php/GNSS_signal)

- GALILEO E6 dans la bande de PAON4 , centré sur ~ **1278 MHz**
- GPS satellite signals are in the three bands :
  - L5 : ~ 1176 MHz ;
  - L2 : ~ 1227 MHz ;
  - L1 : ~ 1575 MHz
- PAON4 sees the out of band GPS-L2 strong signal , leaking into PAON4 band, and showing at the mirror frequency (mirror with respect to the LO at 1250 MHz)
  - $(1250 \text{ MHz} + (1250 - 1227)) \sim$  **1273 MHz**
- PAON4 sees also the out of band GPS-L5 (1176 MHz) or Galileo E5a leaking into PAON4 band:
  - $(1250 \text{ MHz} + (1250 - 1176)) \sim$  **1324 MHz**