



Regulators



USER-FRIENDLY EPFD MONITORING SYSTEM FOR REGULATORS

Web-based tool that evaluates
NGSO constellation for compliance
after launch

www.integrasys-space.com





Regulators



Competitive Advantage



Ensures NGSO constellations meet interference limits after deployment.

Provides real-time EPFD verification for existing constellations, against filing.

Intuitive 3D visualization for enhaced situational awareness.

Integrated Pass/Fail summary for quick ITU reporting.

Antenna management modules for parabolic and flat panel.



Features

- Filing ITU database integration as satellite TLE orbits integrated for antenna pointing.
- 3D globe visualization displaying NGSO & GSO satellites and Earth stations.
- Real-time tracking of contributing elements for each EPFD type, with fast switching.
- Live RF signal monitoring, comparing GSO signal and NGSO interference, discriminating contribution.
- EPFD probability distribution function analysis against regulatory limits -Article 21 & 22.
- Comprehensive final assessment with automated Pass/Fail results.

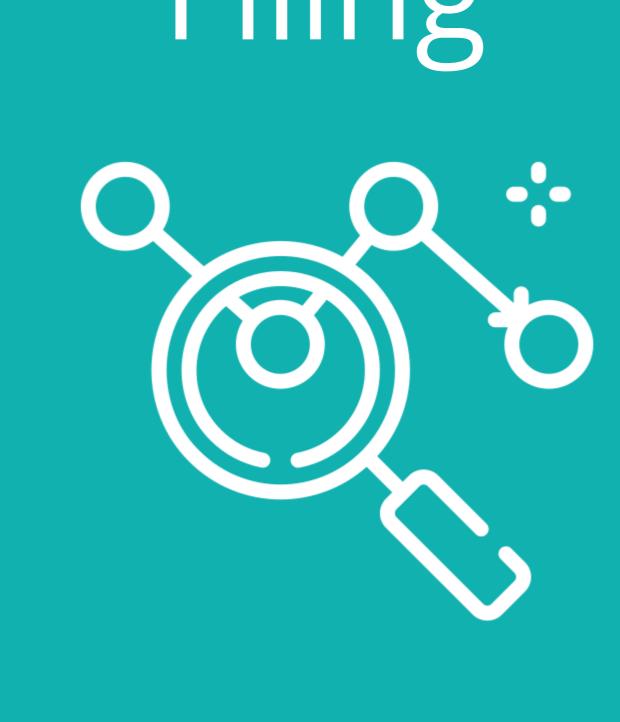


Benefits

- Enables to regulate operational NGSO constellations.
- Enhances spectrum efficiency by miniziming interference in operation.
- (C) Improves spectrum sharing with real-time data.
- Reduces spectrum congestion with proactive interference detection.
- Provides a clear visual and quantitative approach to EPFD verification.



Scenario Selection with Filling



STEP 2

Antenna Monitoring and RF Measurement

In A



STEP 3

EPFD
Calculation
over RF
Measurement
and Automated
Reporting



Company Awards

