

SIMULSAT

Inclined Tracking



Features

- Reliable Satellite Tracking
- Continuous Peaked Signals
- Up to $\pm 4^\circ$ Sky Inclination Tracking
- Upgrade-Friendly Design
- Exceptional for Multibeam Applications
- Accommodates Bandpass Filters
- Built for and Tested on Simulsat 5B and 7A Reflectors

Summary

The ATCi Inclined-Orbit Tracking System enables Simulsat antennas to track satellites across $\pm 4^\circ$ of sky inclination, maintaining reliable satellite reception as the satellite moves away from its nominal geostationary position.

Designed to integrate with existing ATCi Simulsats, the system provides an upgrade path without requiring a complete antenna replacement. The system has been built for and tested on both Simulsat 5B and 7A reflectors.

Specifications

	Inclined Tracking
Range	Up to $\pm 4^\circ$ sky inclination
Tracking	Continuous optimized Signals
Integration	Compatible with existing reflector assemblies
Drive	IP66+ rated motorized assembly
Reflector Compatibility	Built for and tested on Simulsat 5B and 7A reflectors