Instrument with ACROSS-TRACK Field-of-View

Satellite is flying away from the viewer (velocity vector pointing into the diagram)

el = Elevation Angle

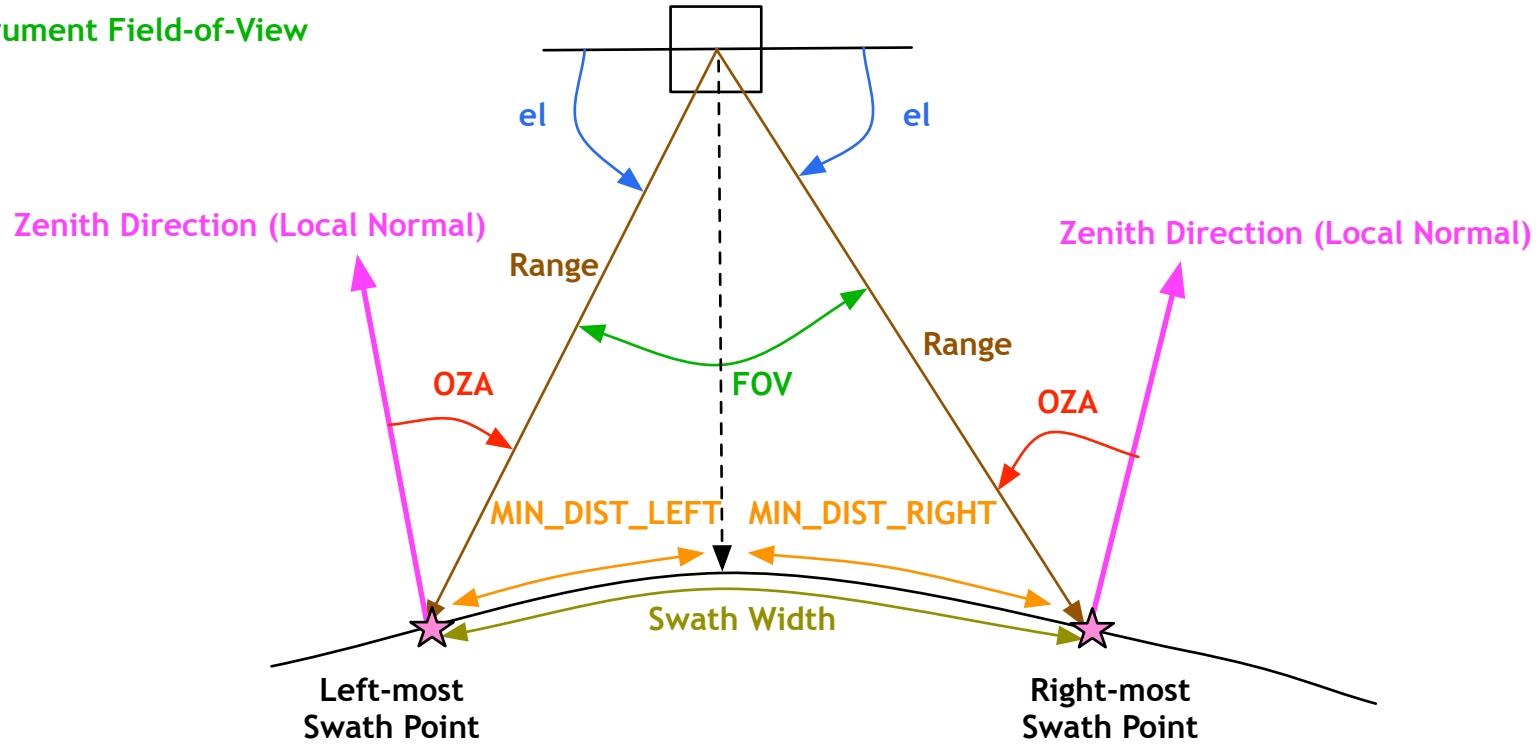
OZA = Observation Zenith Angle (=Incidence Angle)

FOV = Instrument Field-of-View

MIN_DIST_LEFT = Minimum Distance from Leftmost Swath Point to Ground-Track

MIN_DIST_RIGHT = Minimum Distance from Rightmost Swath Point to Ground-Track

The distance is >0 when the swath point is located on the left hand side of the ground-track and <0 when the swath point is located on the right hand side of the ground-track



Instrument with SIDE-LOOKING Field-of-View (e.g RIGHT-LOOKING)

Satellite is flying away from the viewer (velocity vector pointing into the diagram)

el = Elevation Angle

OZA = Observation Zenith Angle (=Incidence Angle)

FOV = Instrument Field-of-View

MIN_DIST_LEFT = Minimum Distance from Leftmost Swath Point to Ground-Track
MIN_DIST_RIGHT = Minimum Distance from Rightmost Swath Point to Ground-Track

The distance is >0 when the swath point is located on the left hand side of the ground-track and <0 when the swath point is located on the right hand side of the ground-track