



ASSISTANCE FOR ADJUSTMENT OF A SINGLE-PASS ACQUISITION

Redefining of user need according to system capabilities

Technological advantages

Assistance for calibrating the user need according to the system capabilities by relaxing its constraints (surface area covered or authorised off-pointing), so that his need becomes feasible.

Summary of the invention

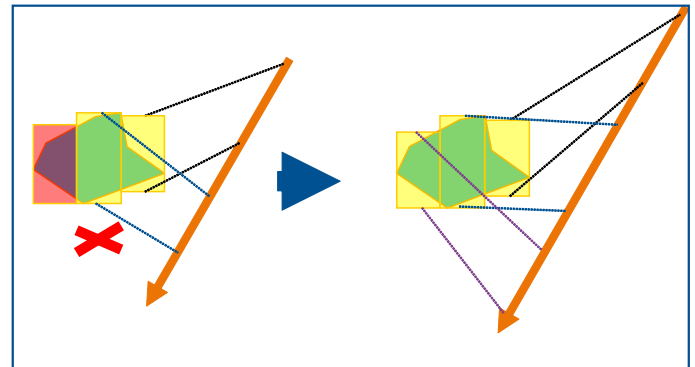
System for assisting with adjustment of a single-pass acquisition by agile satellites. Their ability to shift pointing from one zone to another and the computation of the reduction in the zone of interest or the increase in the angular off-pointing range authorised make it possible to acquire the image earlier and to programme an acquisition sequence for a greater area in a single pass.

Potential applications

Satellite operators

Avionics operators: acquisition in array mode

Suppliers of cartographic and geographic data



Increasing the range of angular off-pointing: extending the area of coverage

Commercial advantages

Efficient and productive

Amount of data optimised for a single pass
Increased profitability by optimisation of satellite resource
Shorter response time for particular events

*Patented invention available under licence
TRL: 6*