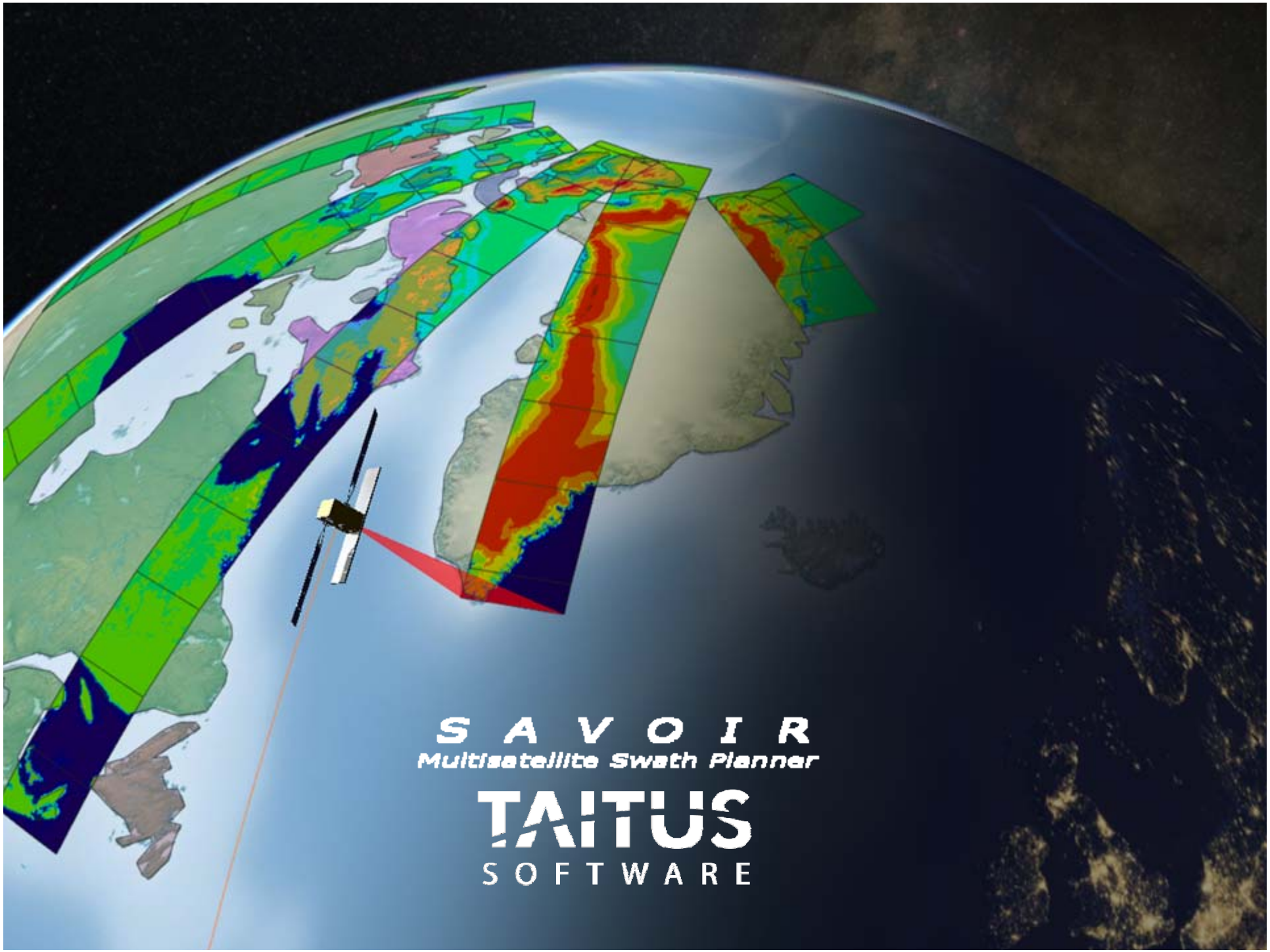
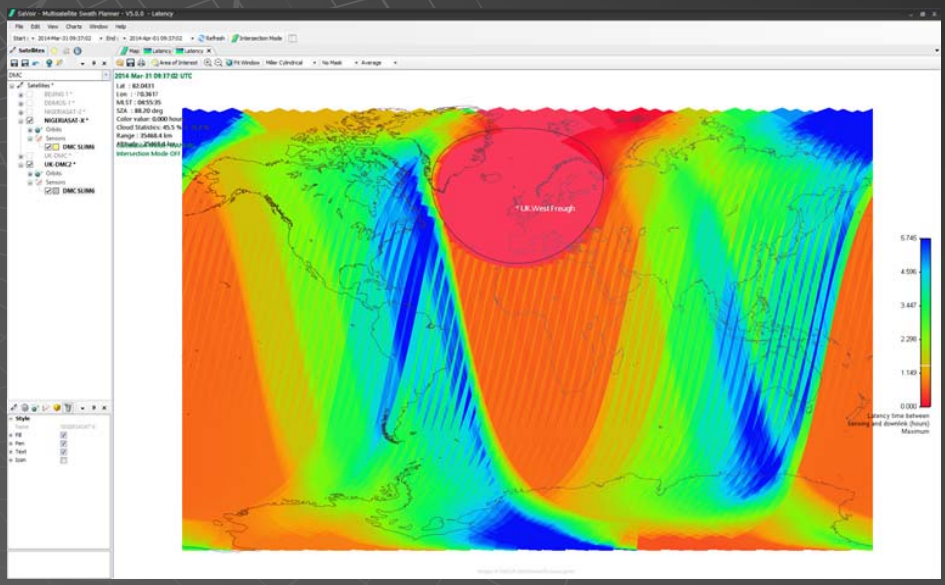

S A V O I R
Multisatellite Swath Planner
TAITUS
SOFTWARE

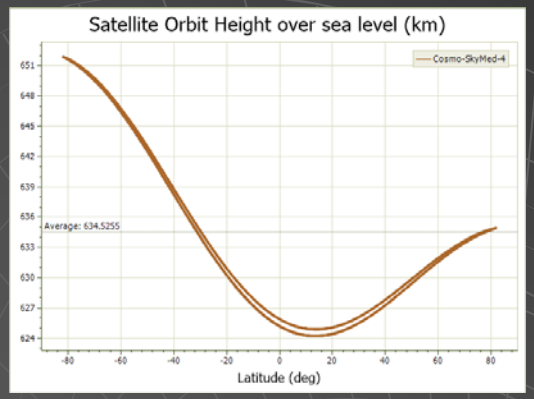
SaVoir plugin Charts

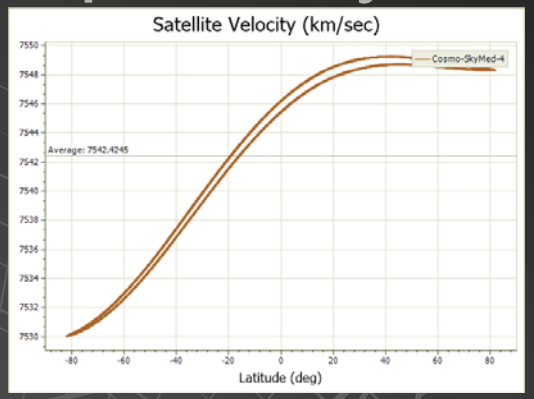
X-Y plots

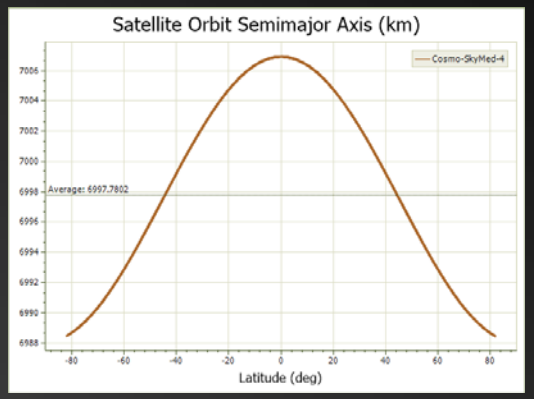
Color maps

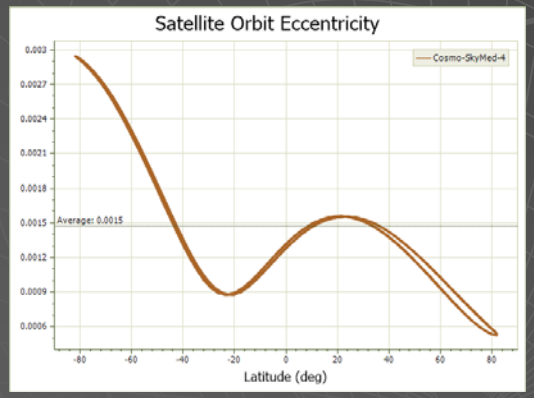


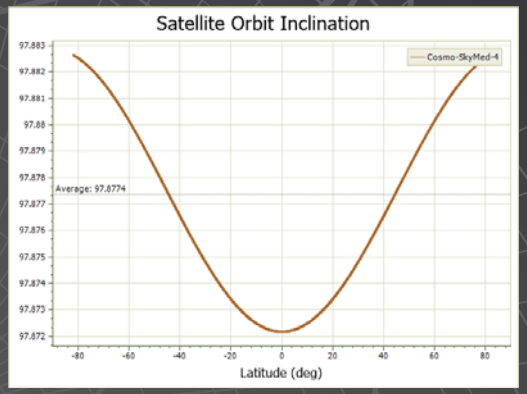
X-Y plots, by Latitude

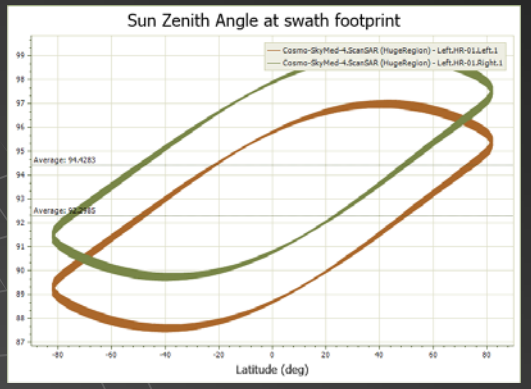


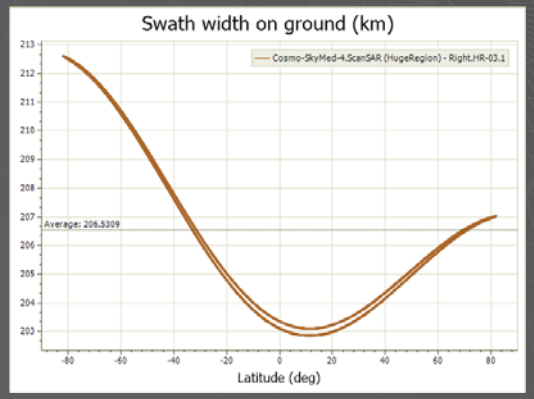


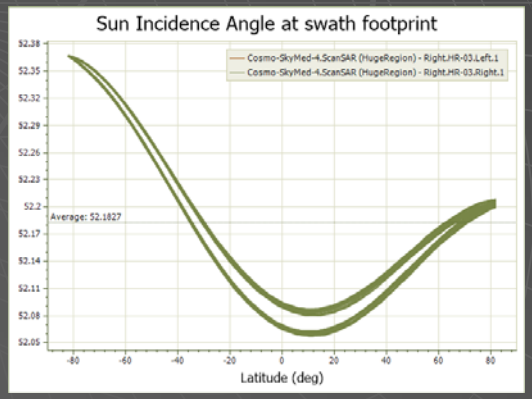


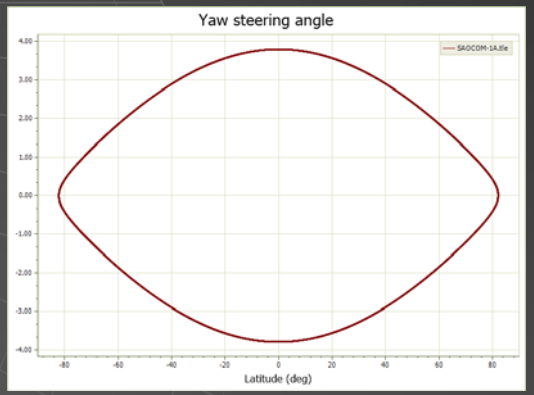




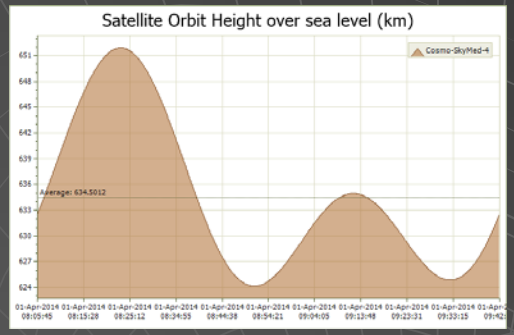


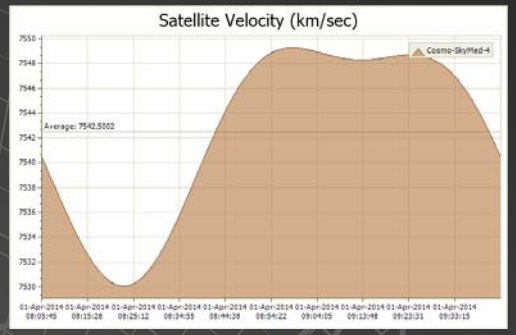


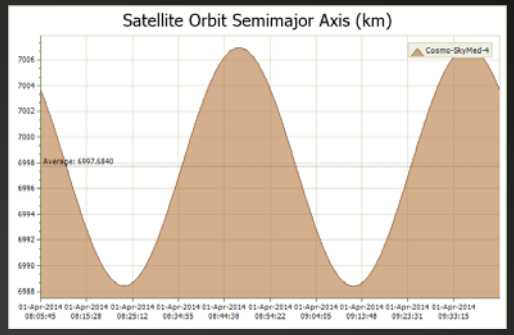


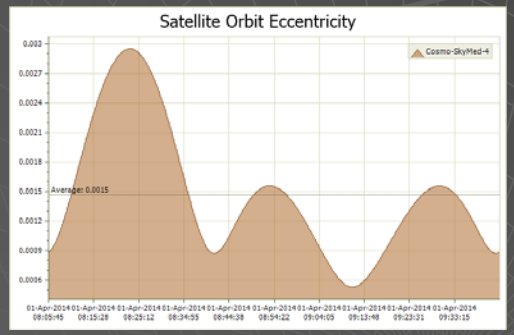


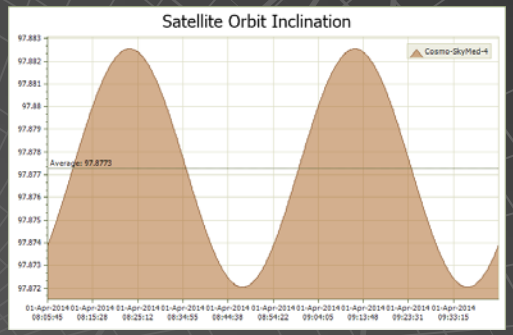
X-Y plots, by UTC Time

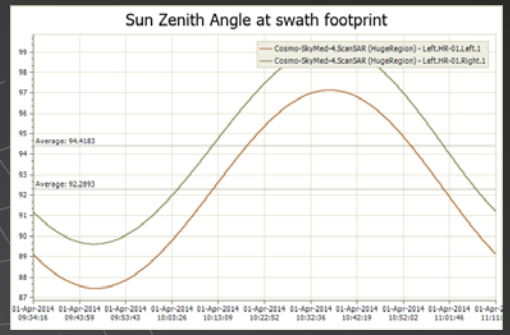


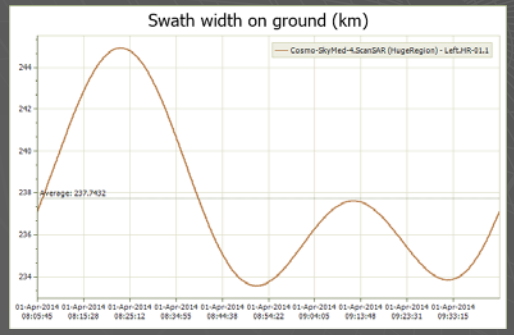


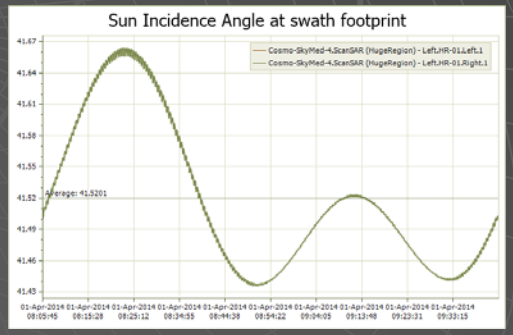




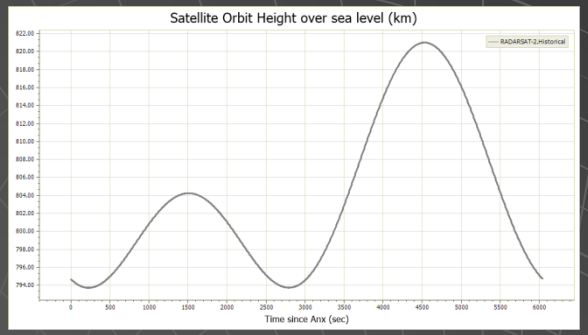


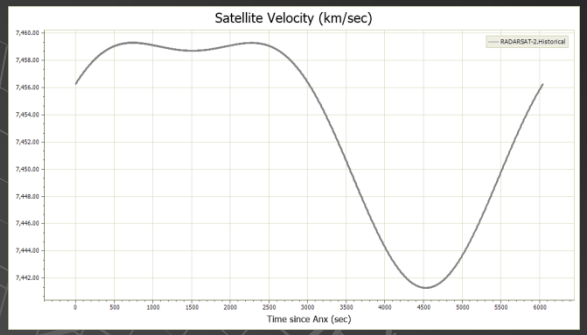


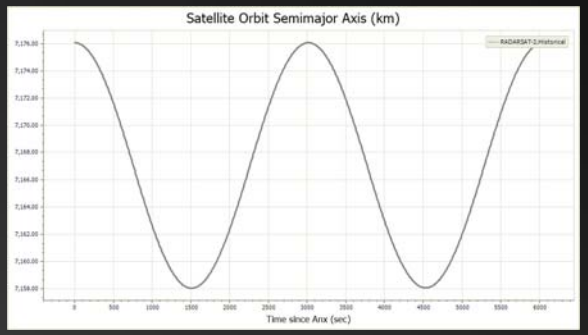


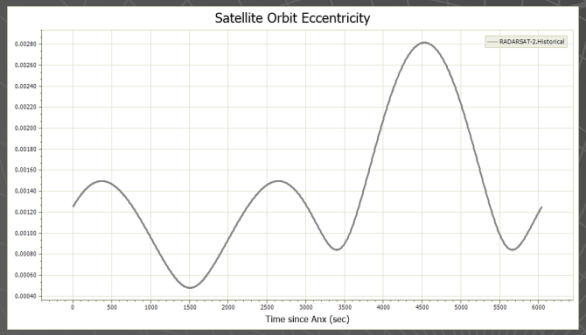


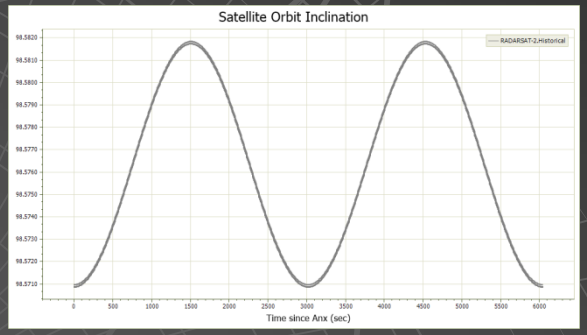
X-Y plots, folded to one orbit

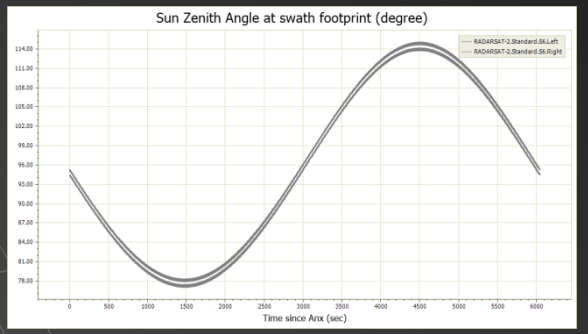




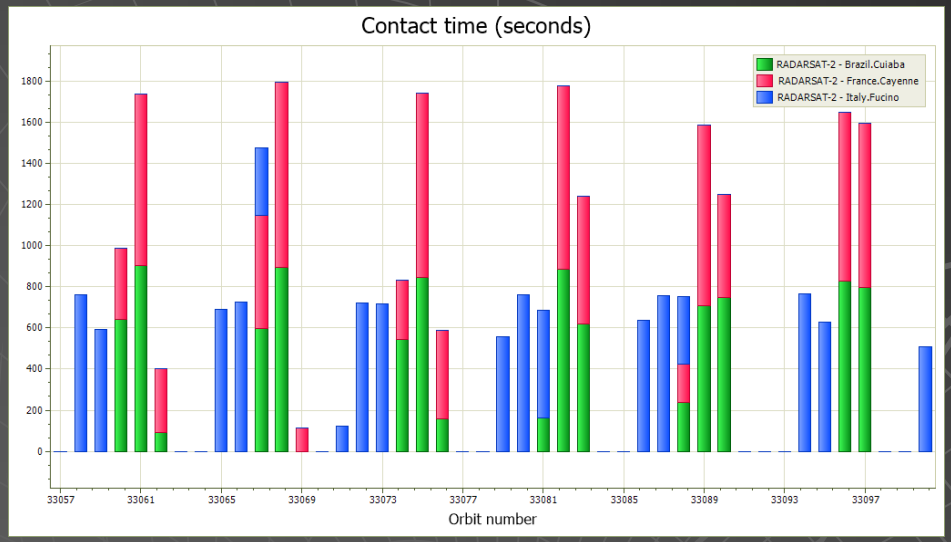


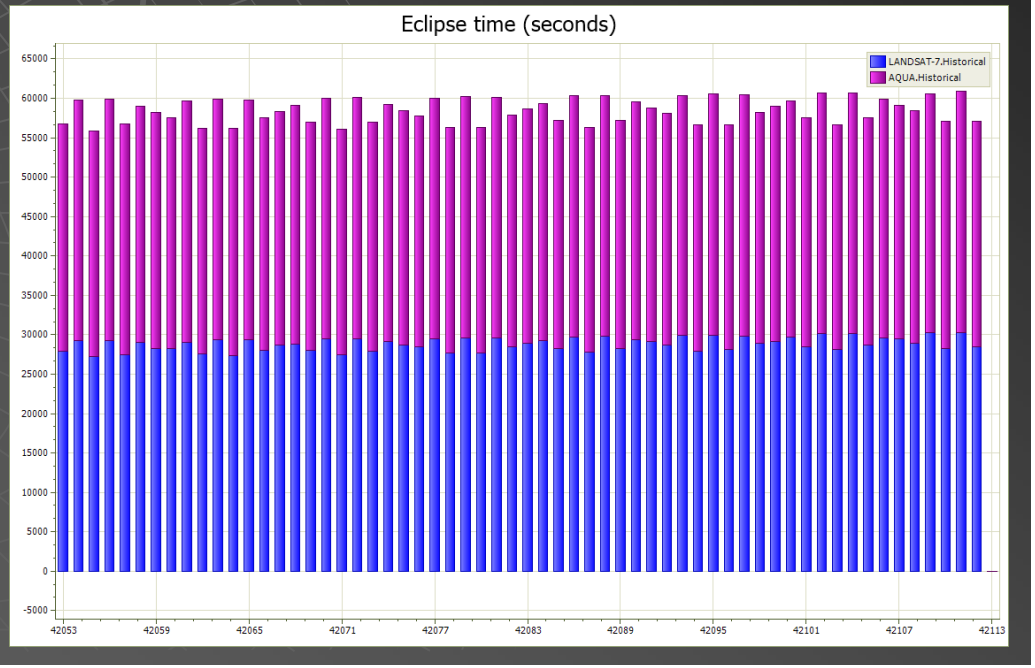




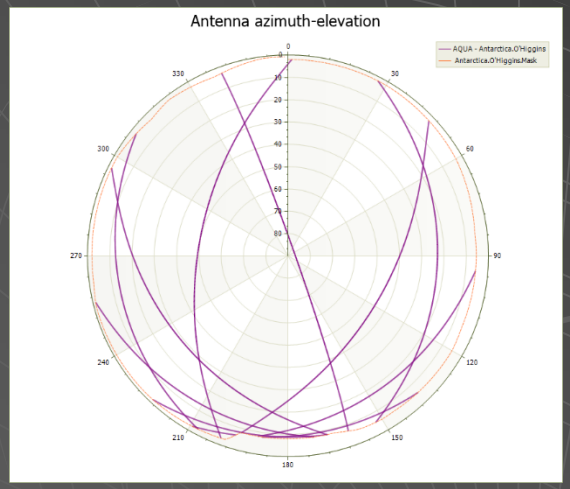


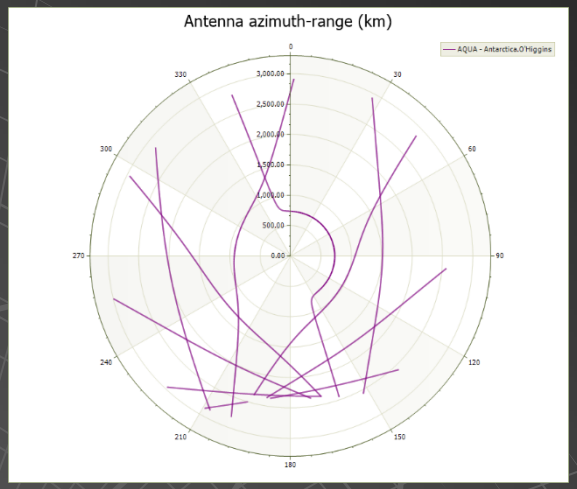
Bar charts

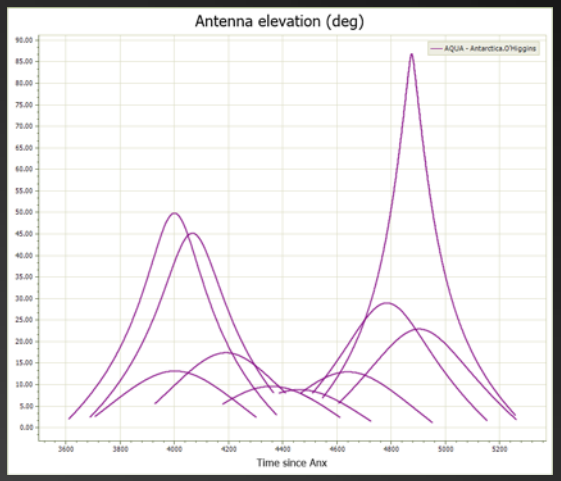

Contact time (seconds)
RADARSAT-2 - Brazil.Cuiaba
RADARSAT-2 - France.Cayenne
RADARSAT-2 - Italy.Fucino
1800
1600
1400
1200
1000
800
600
400
200
0
33057
33061
33065
33069
33073
33077
33081
33085
33089
33093
33097
Orbit number

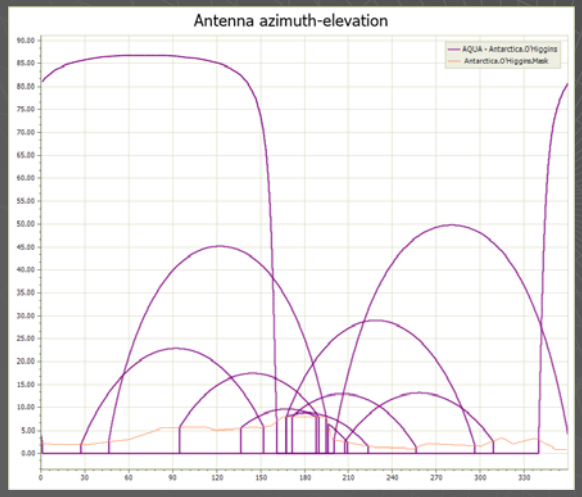

Eclipse time (seconds)
LANDSAT-7.Historical
AQUA.Historical
65000
60000
55000
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
-5000
42053
42059
42065
42071
42077
42083
42089
42095
42101
42107
42113

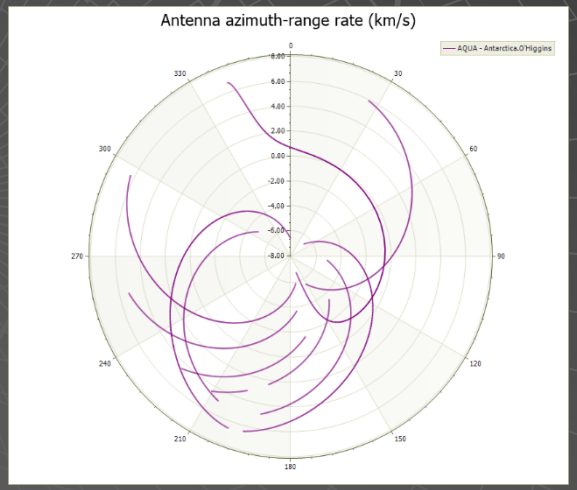
Azimuth, Elevation, Range

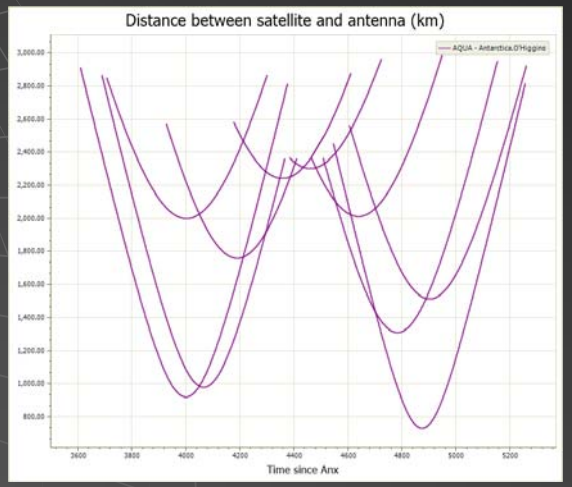




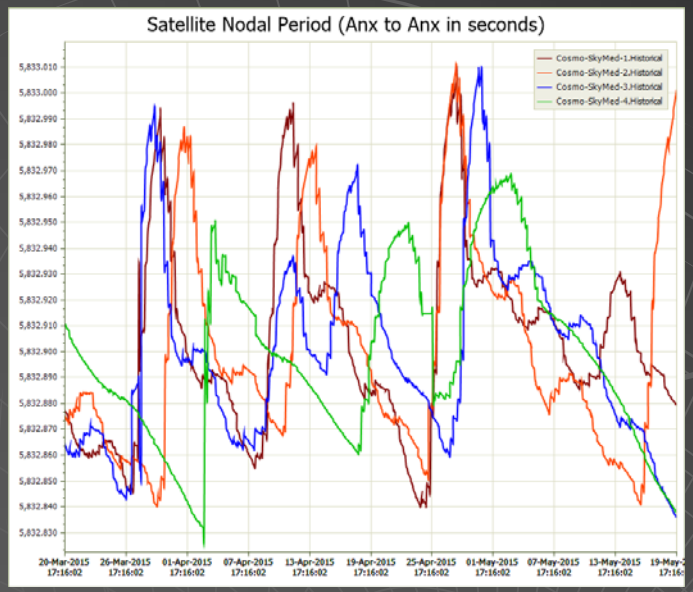


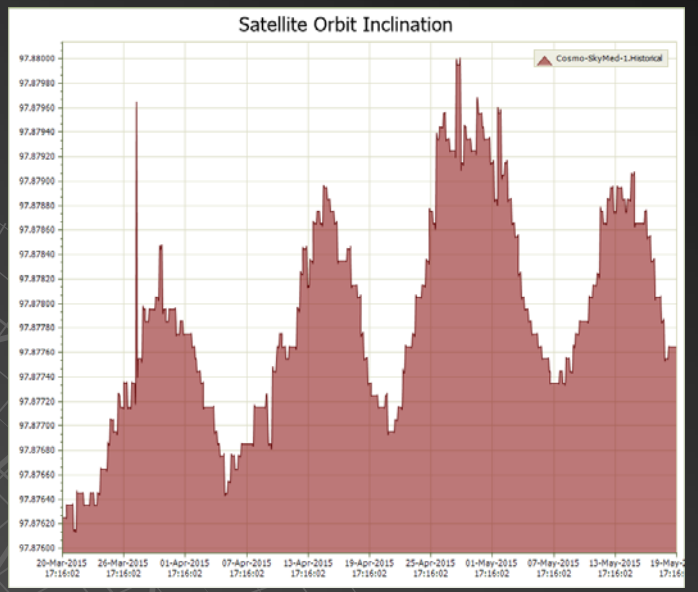


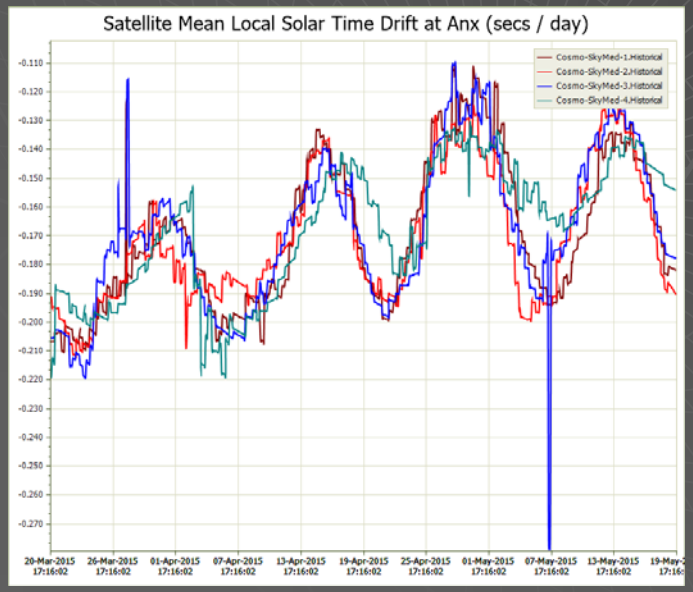


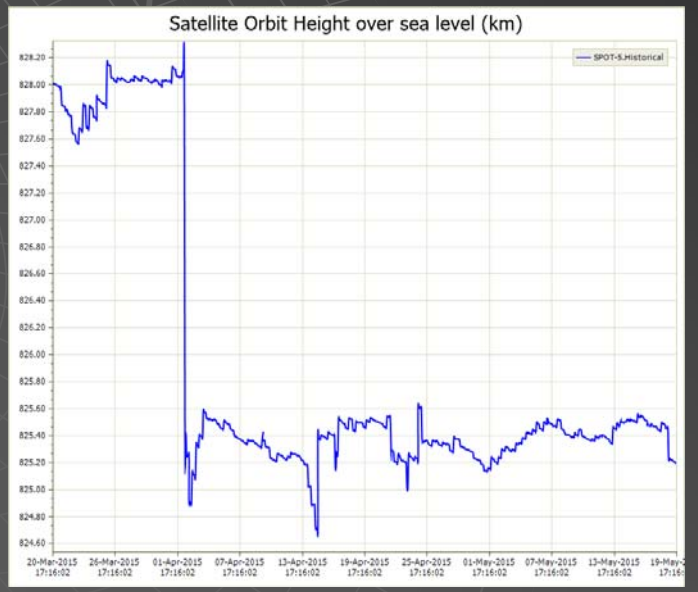


Analysis with historical orbits

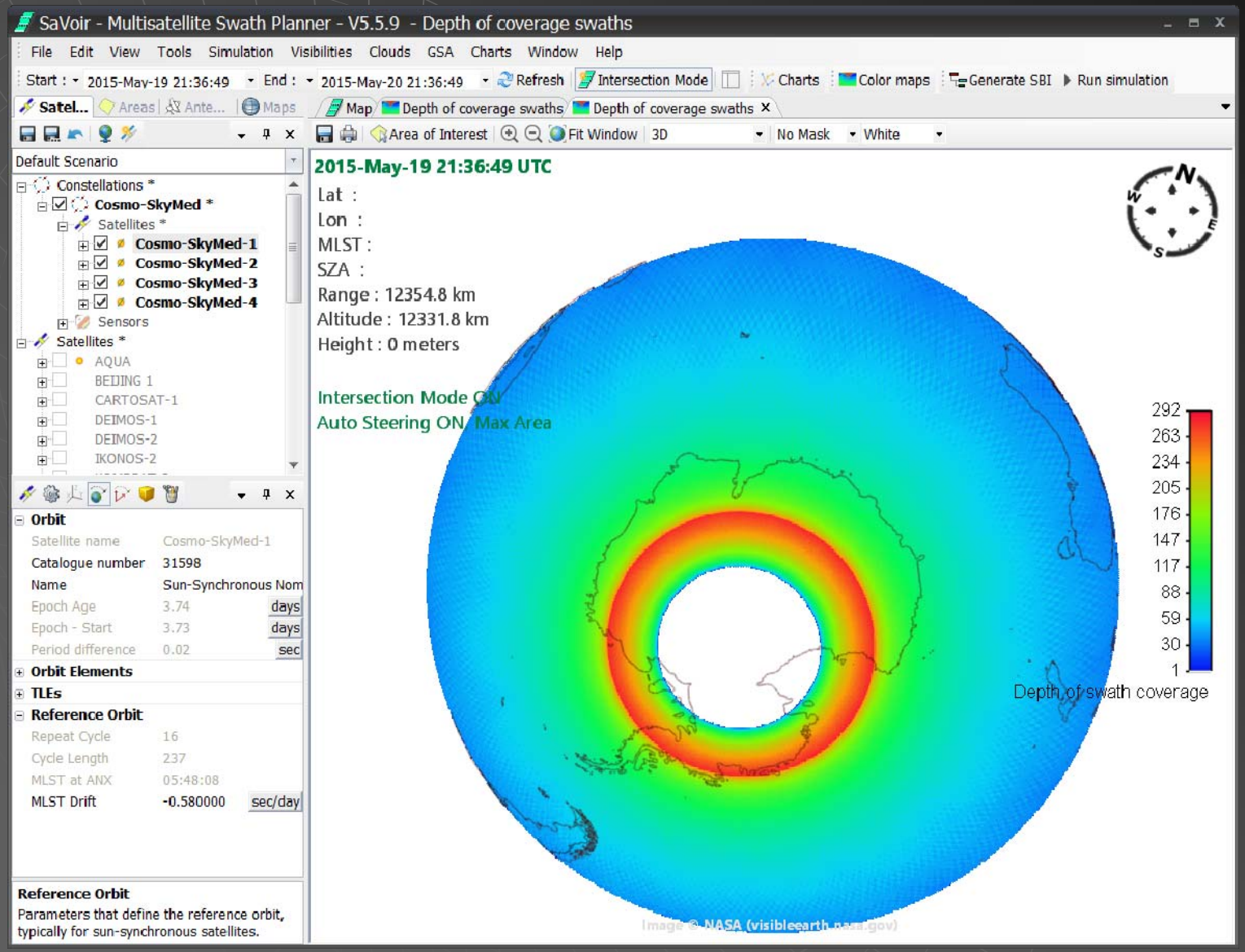




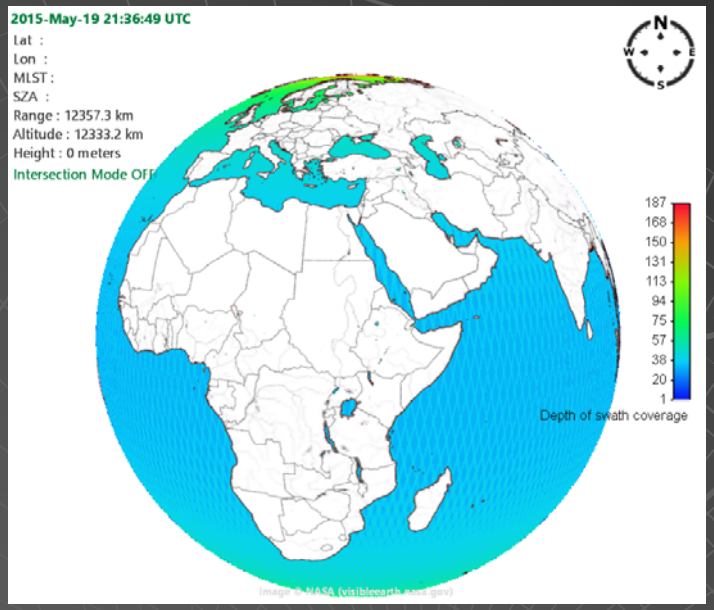


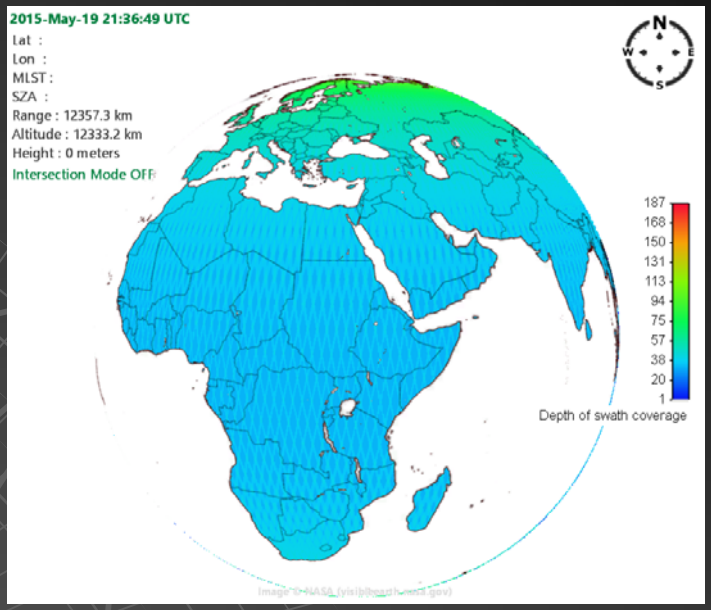


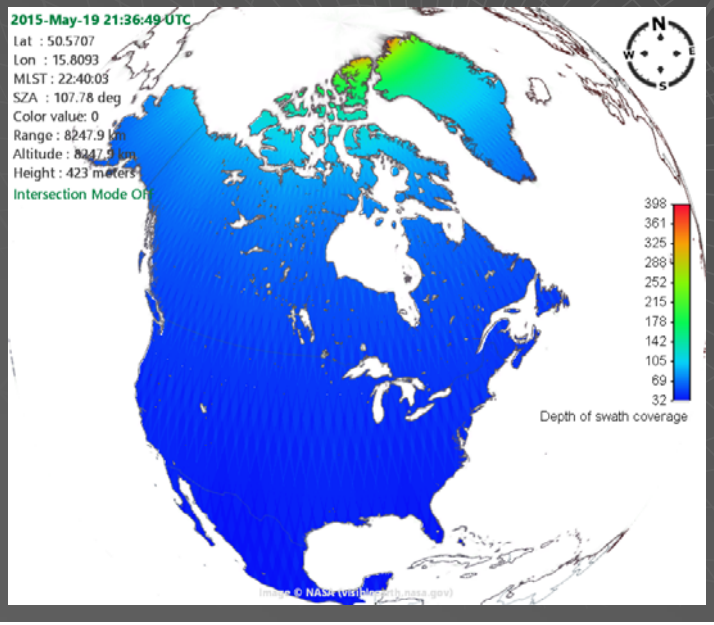
Color maps. Depth of Coverage



Color maps. Depth of Coverage. Masks

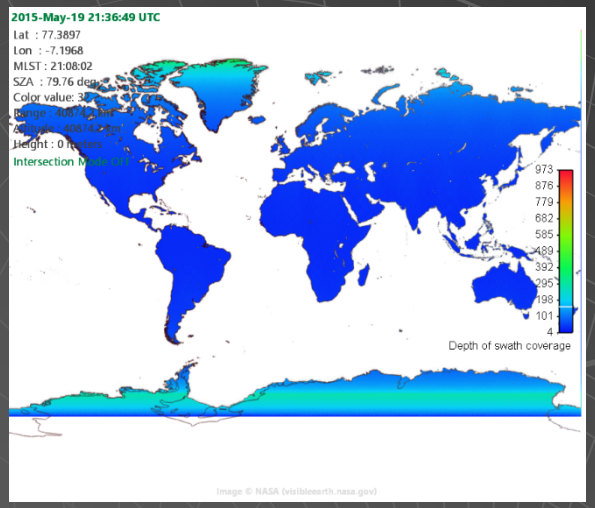


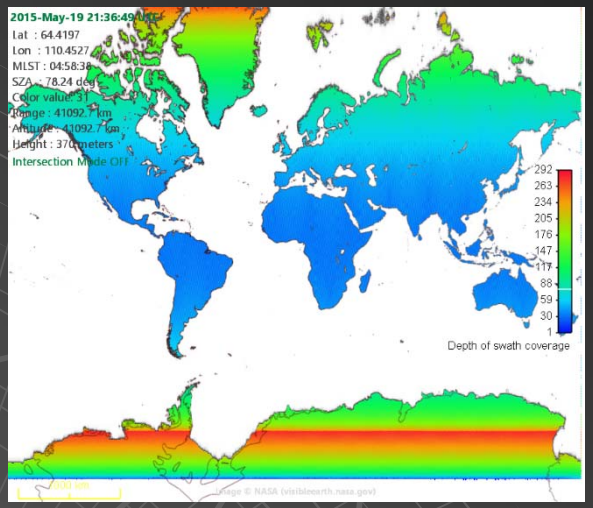


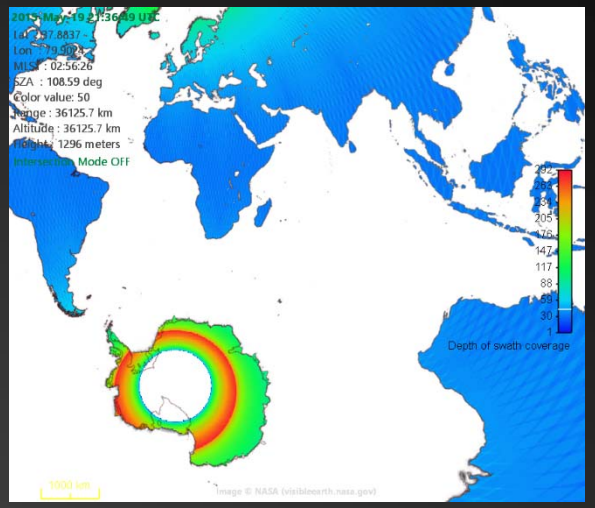


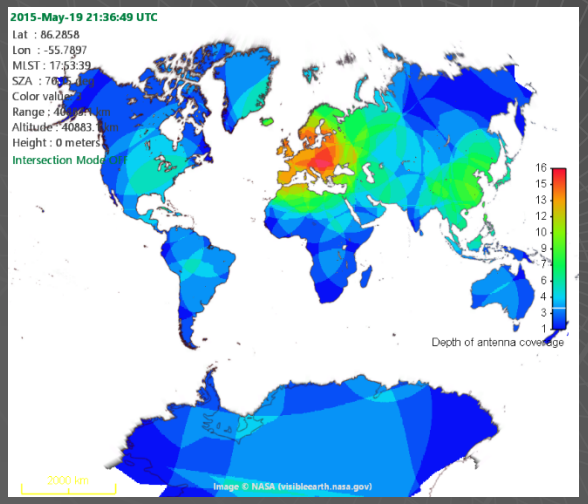
- **Land mask**
- **Ocean mask**
- **Custom mask (AOI)**

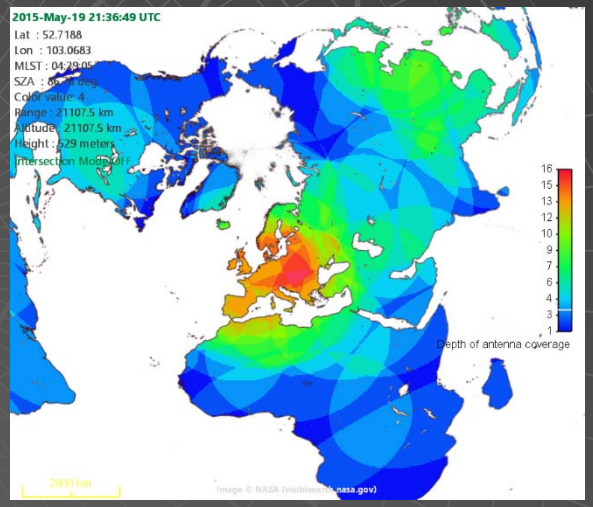
Color maps. Projections

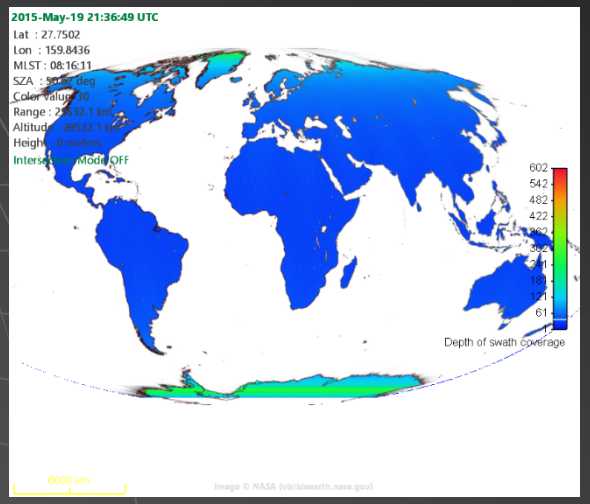






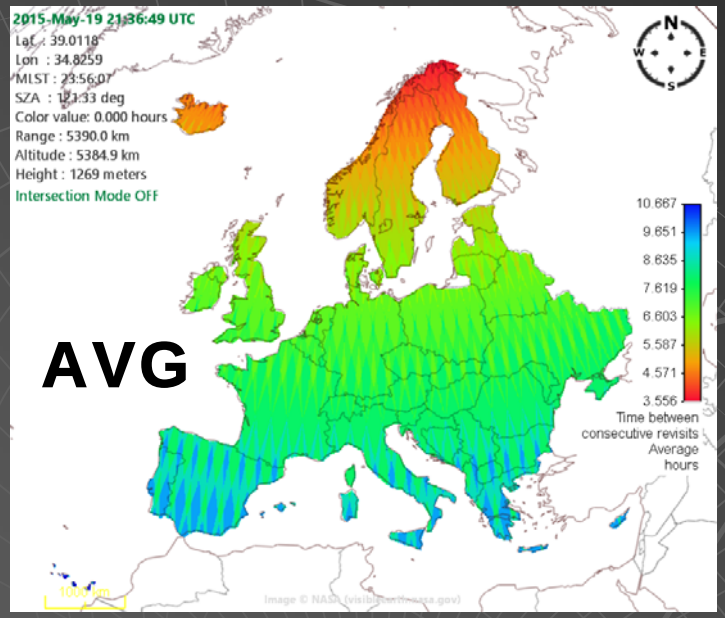


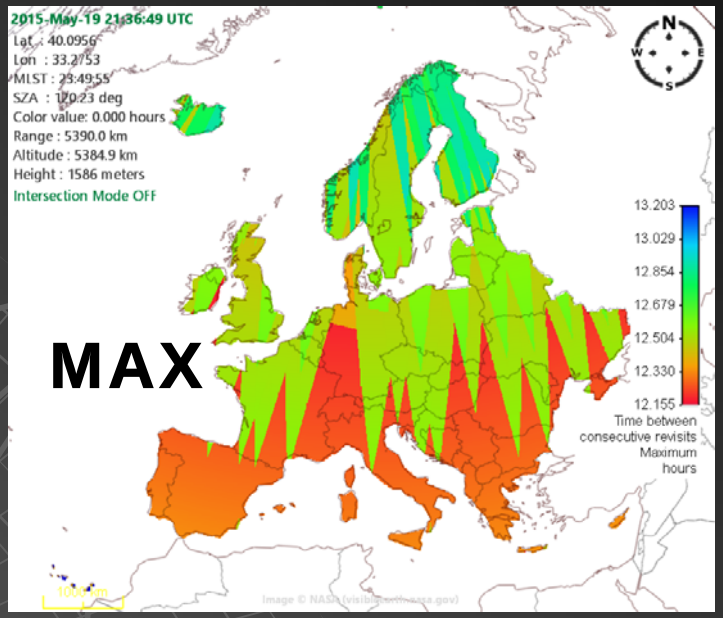


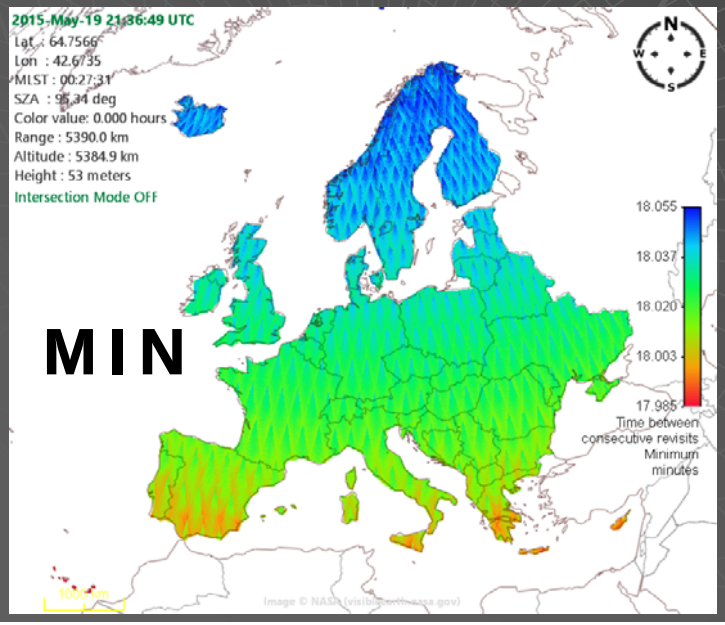


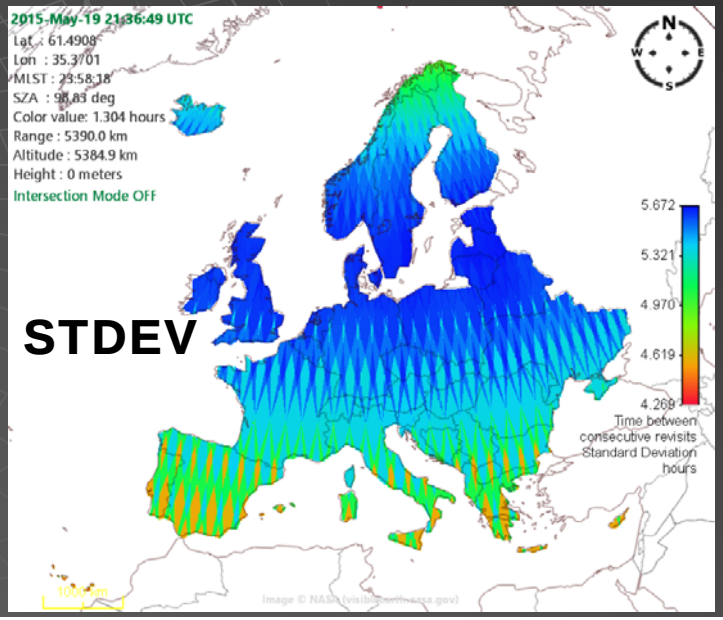
Revisit time

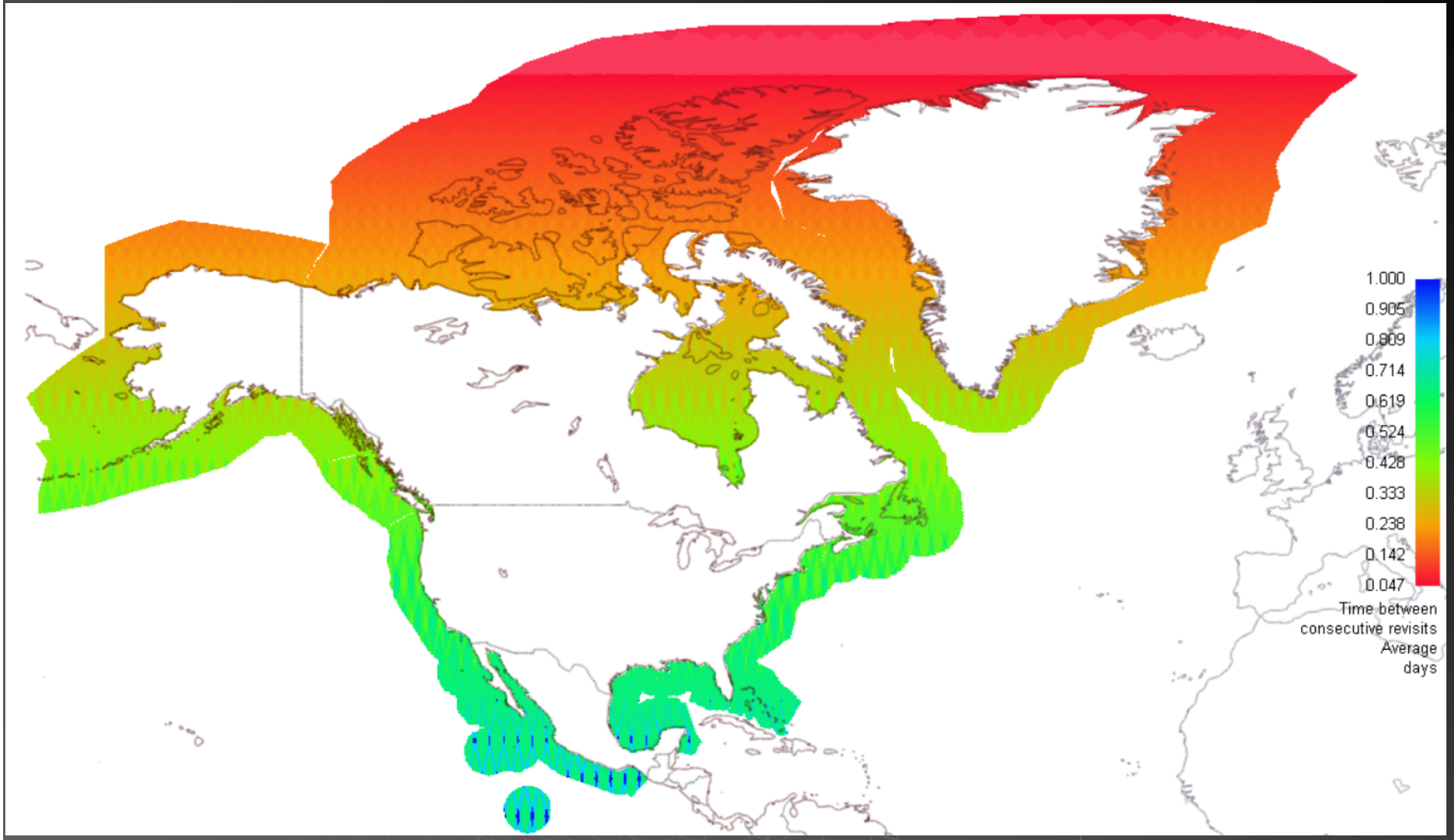
Time between consecutive revisits, multiple satellites / sensors



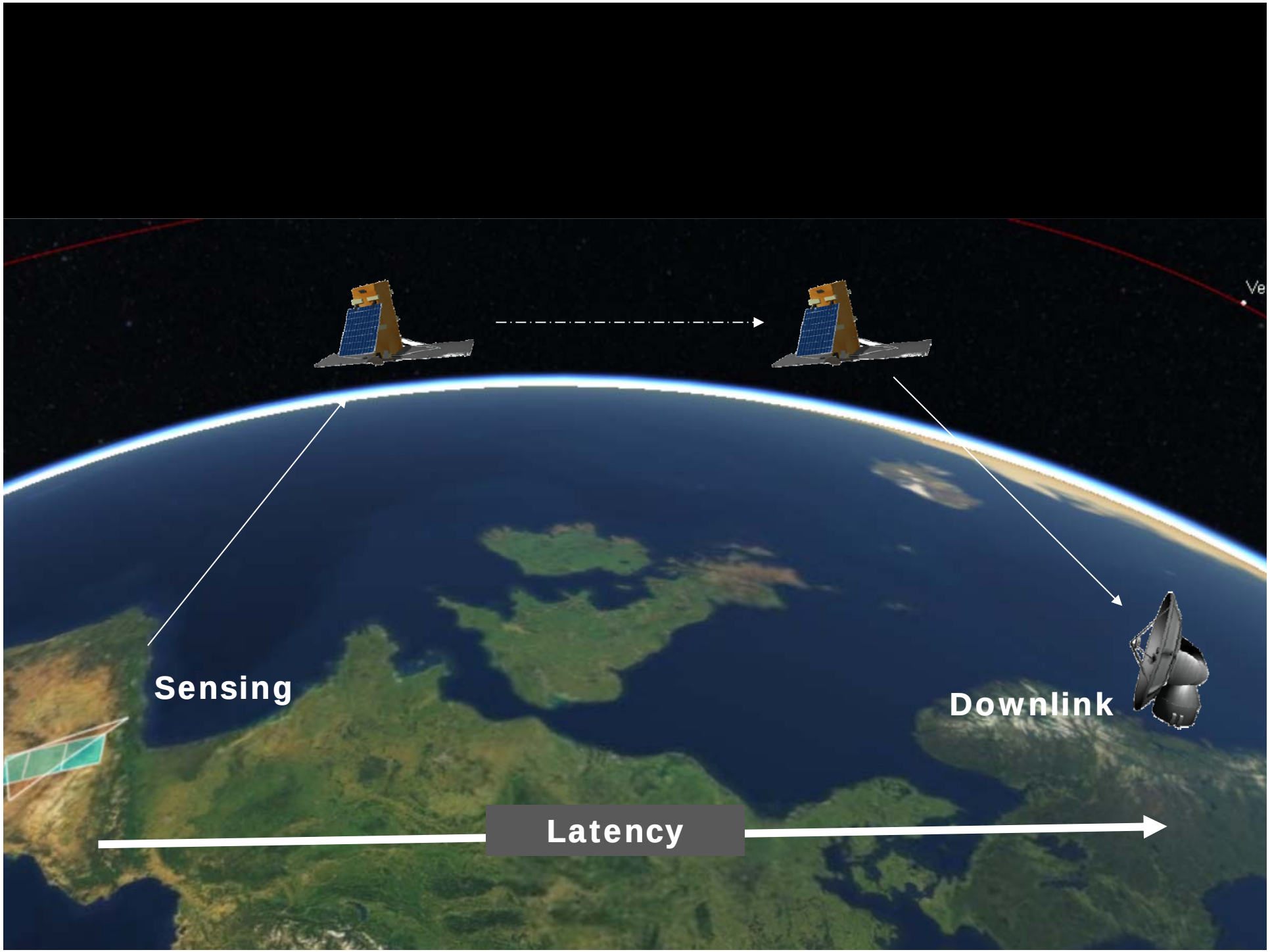






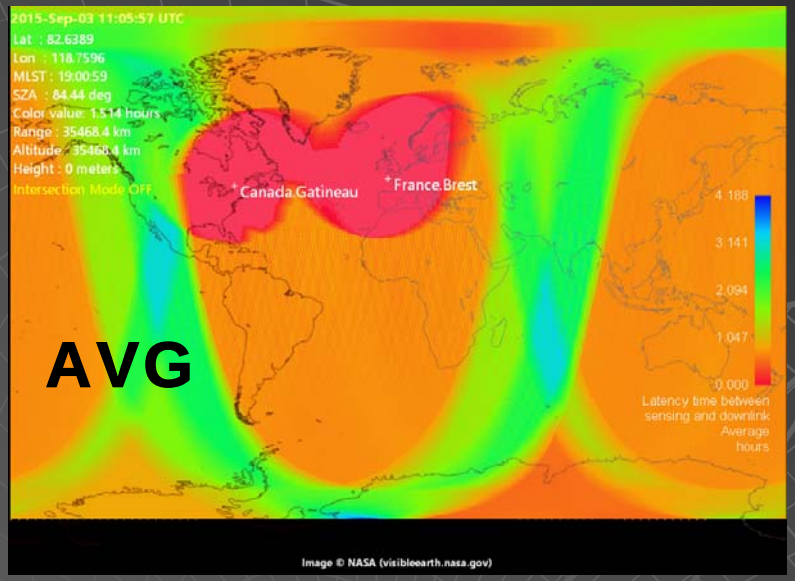


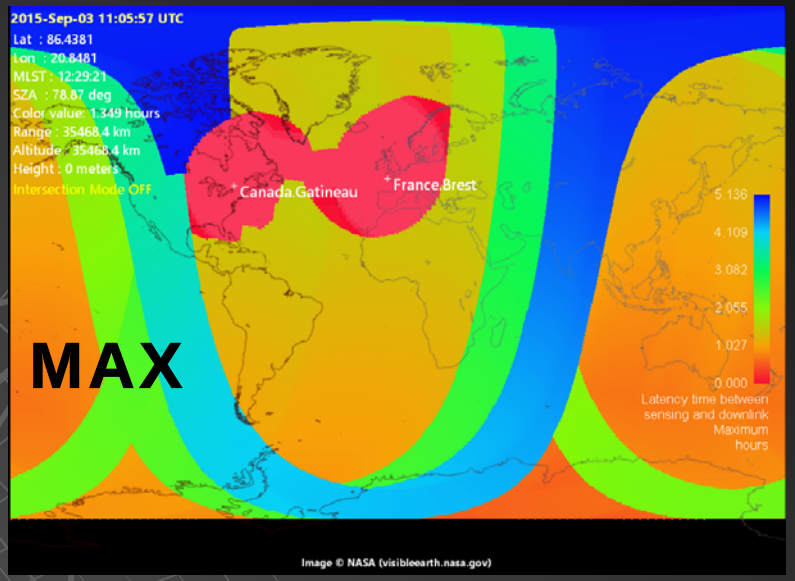
Radarsat Constellation Mission (3 satellites)
Average Revisit Time. Ship Detection Mode

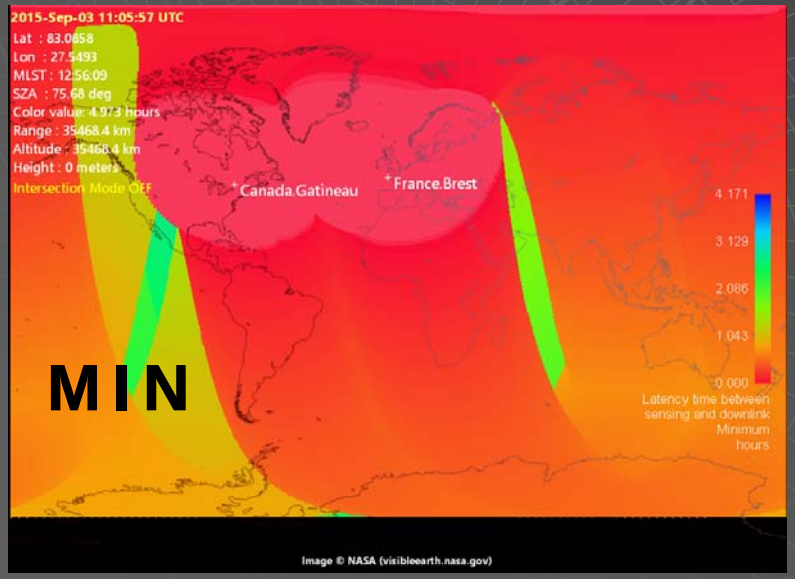

Sensing
Downlink
Latency

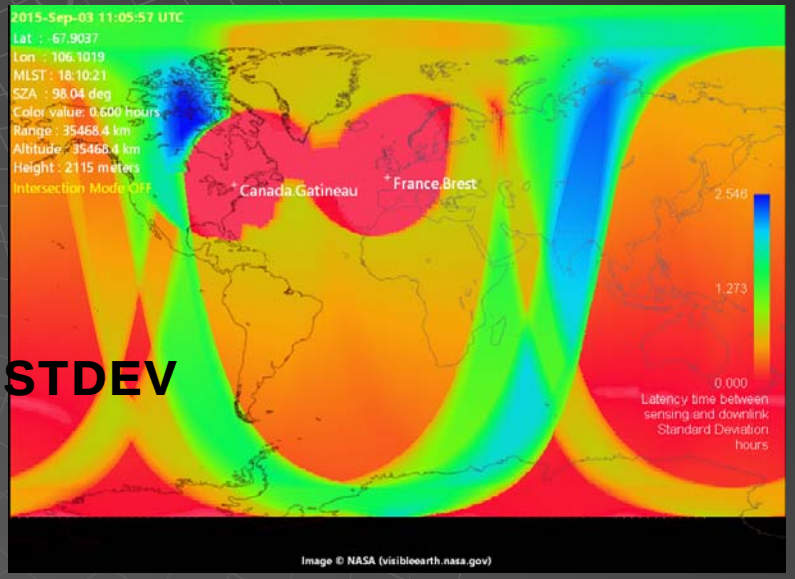
Latency time

Time between sensing and first downlink opportunity, multiple satellites / sensors, ground stations

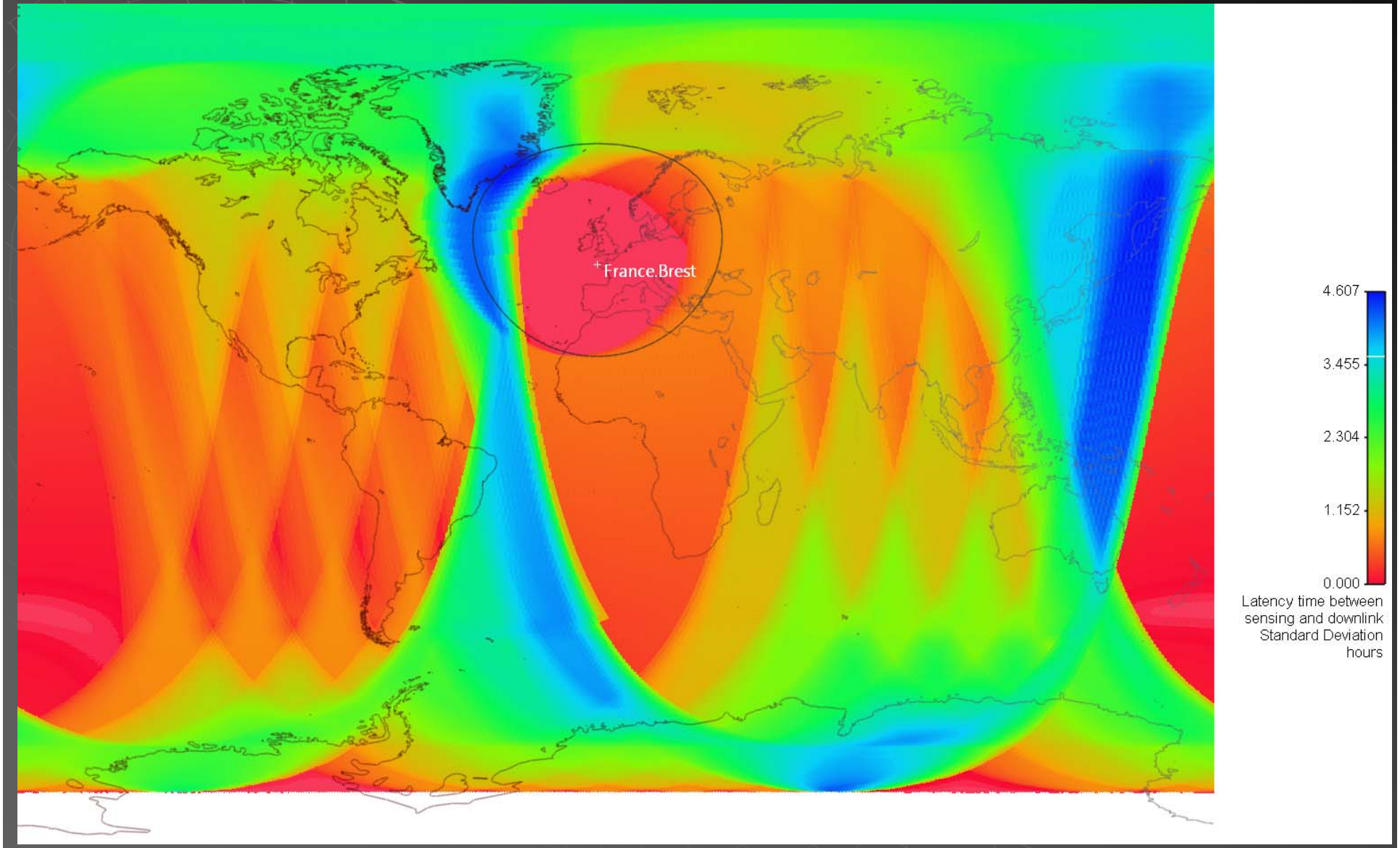




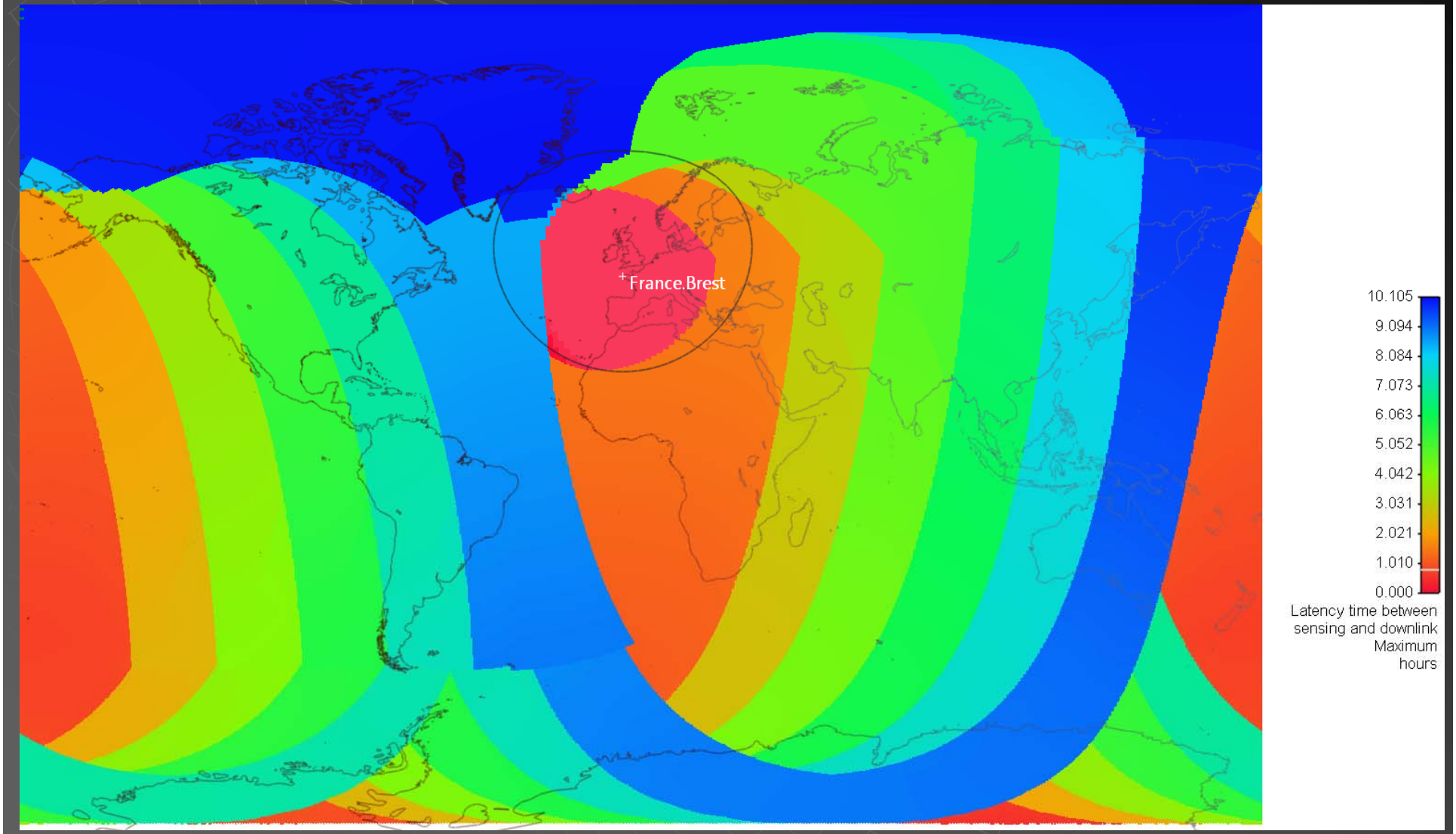




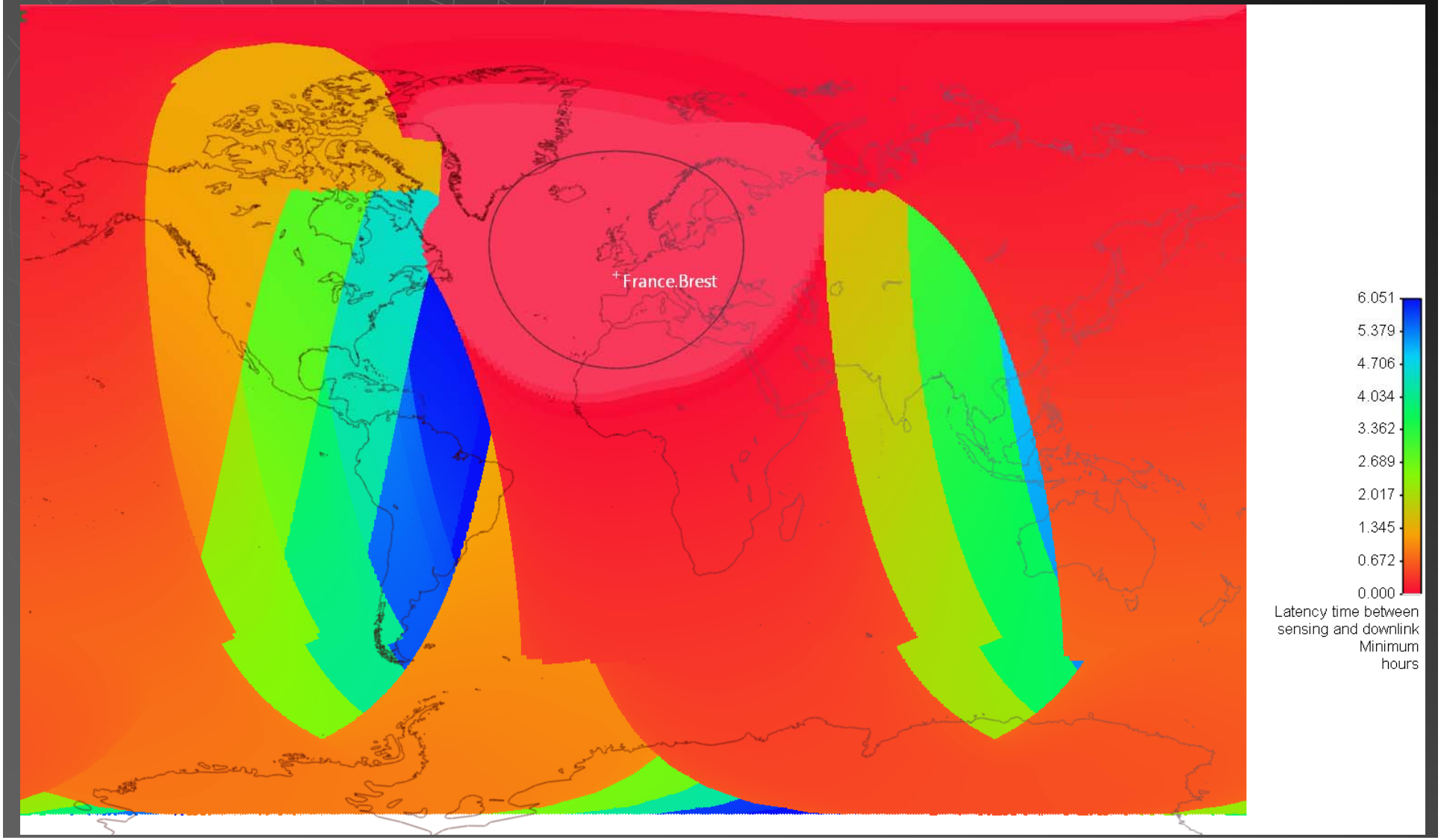
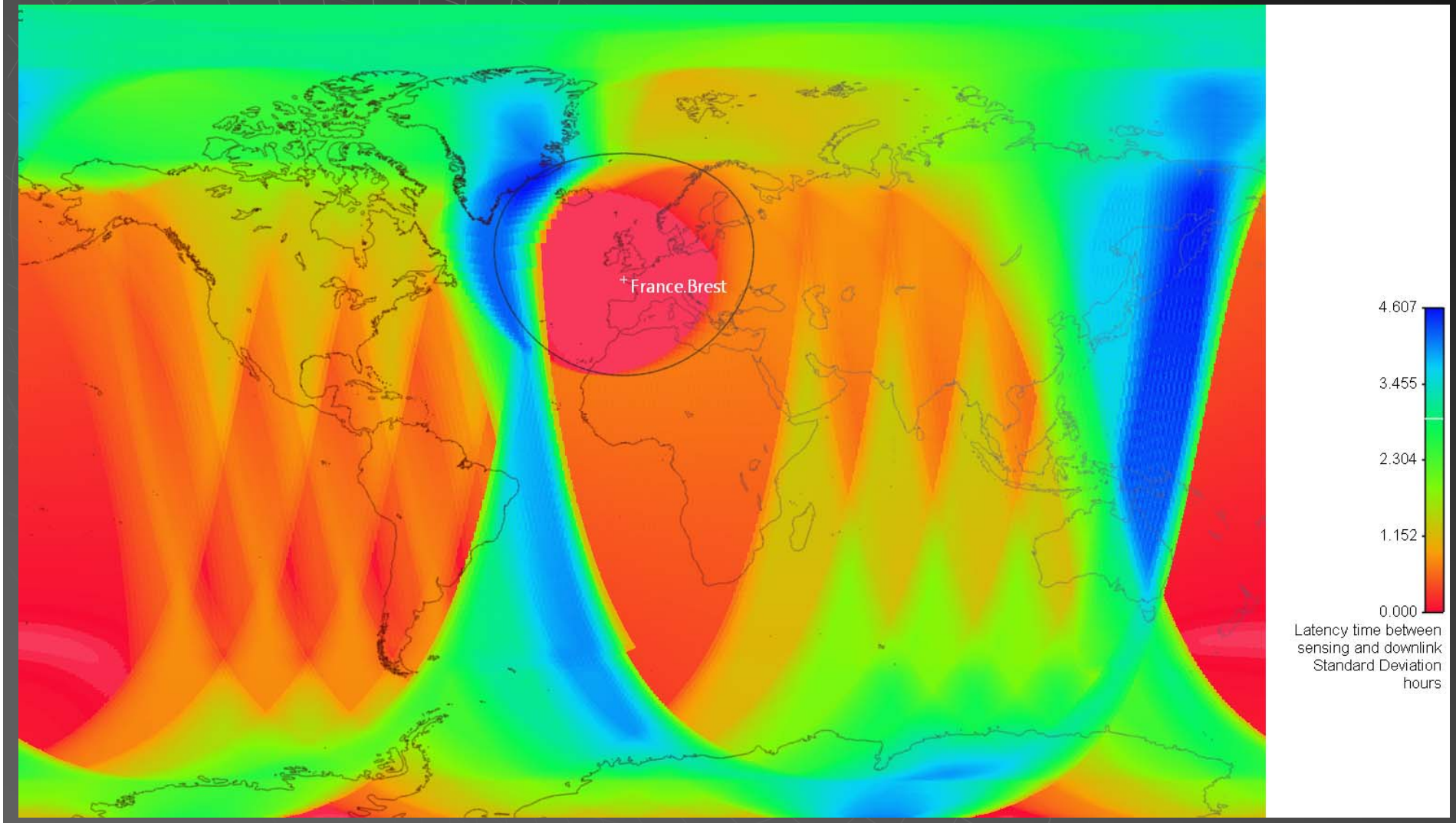
Latency avg


France.Brest
4.607
3.455
2.304
1.152
0.000
Latency time between sensing and downlink Standard Deviation hours

Latency max


France.Brest
10.105
9.094
8.084
7.073
6.063
5.052
4.042
3.031
2.021
1.010
0.000
Latency time between sensing and downlink Maximum hours

Latency Min


France.Brest
6.051
5.379
4.706
4.034
3.362
2.689
2.017
1.345
0.672
0.000
Latency time between sensing and downlink Minimum hours

Latency StdDev