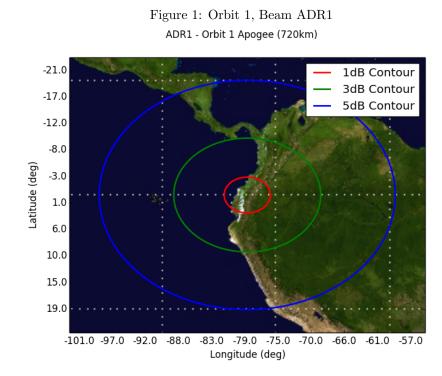
## Antenna Pattern Contours: ADR1

 ${\rm Harrison} \ {\rm Caudill} < {\rm harrison} @ {\rm spire.com} >$ 

November 11, 2016



 $\mathbf{2}$ 

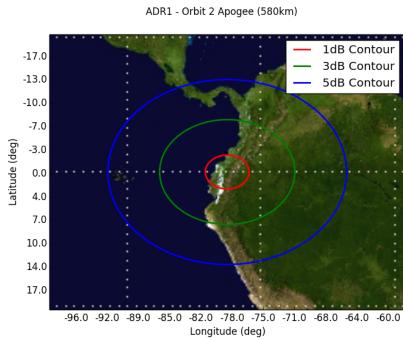
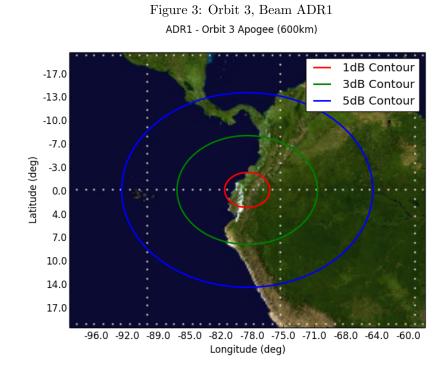


Figure 2: Orbit 2, Beam ADR1



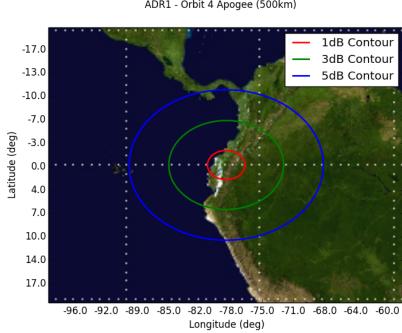
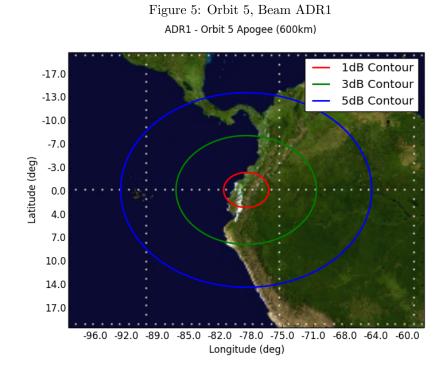
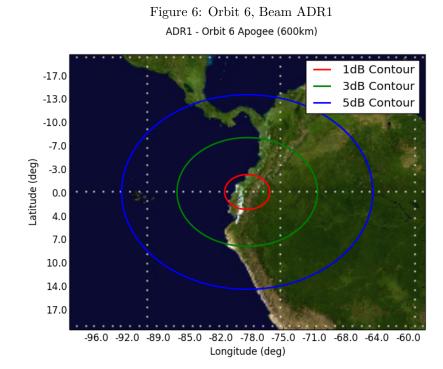
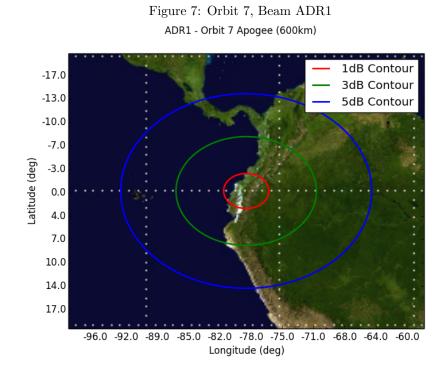


Figure 4: Orbit 4, Beam ADR1 ADR1 - Orbit 4 Apogee (500km)







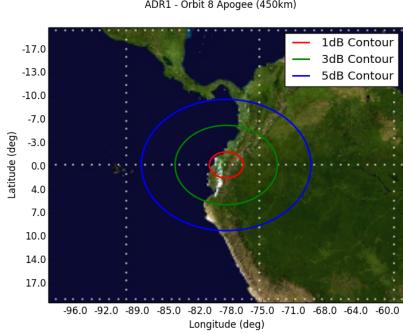


Figure 8: Orbit 8, Beam ADR1 ADR1 - Orbit 8 Apogee (450km)

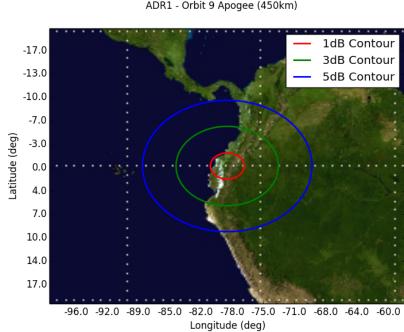
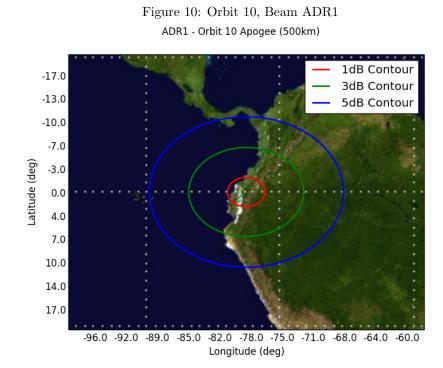
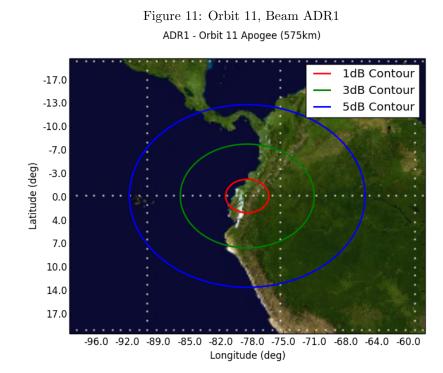
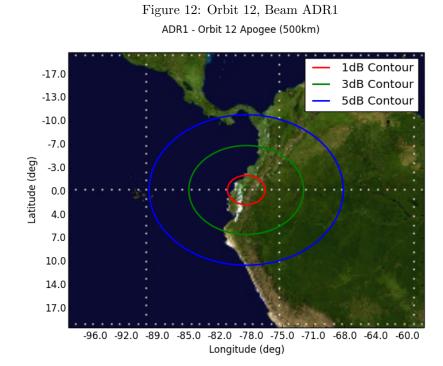
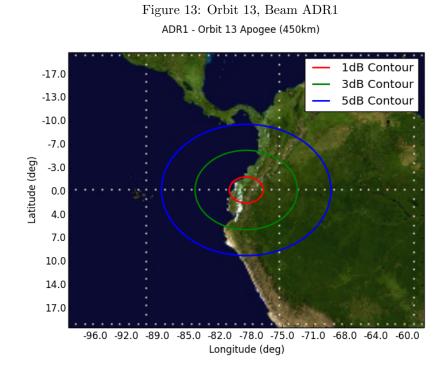


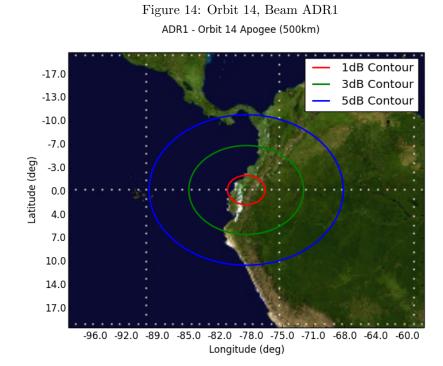
Figure 9: Orbit 9, Beam ADR1 ADR1 - Orbit 9 Apogee (450km)

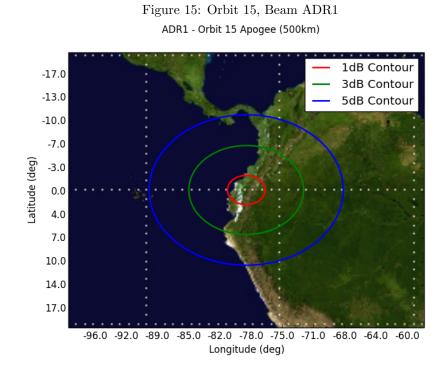












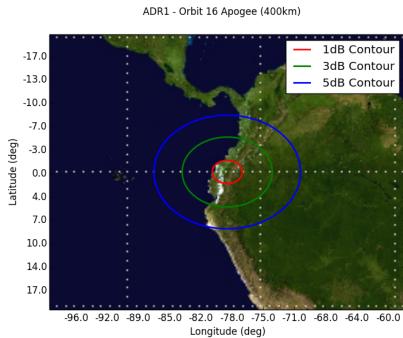


Figure 16: Orbit 16, Beam ADR1