

Rotating Antenna Beam Projections

Aug 7, 2026

The antenna projections provided below and in the accompanying Schedule S reflect the beam projection towards Nadir from an NGSO satellite with nominal orbital altitude of 510 +/-25 km and minimum operational altitude of 350 km. For certain contour maps, the missing contours (required by the FCC's rules) are beyond the horizon and, accordingly, are not depicted in the images.

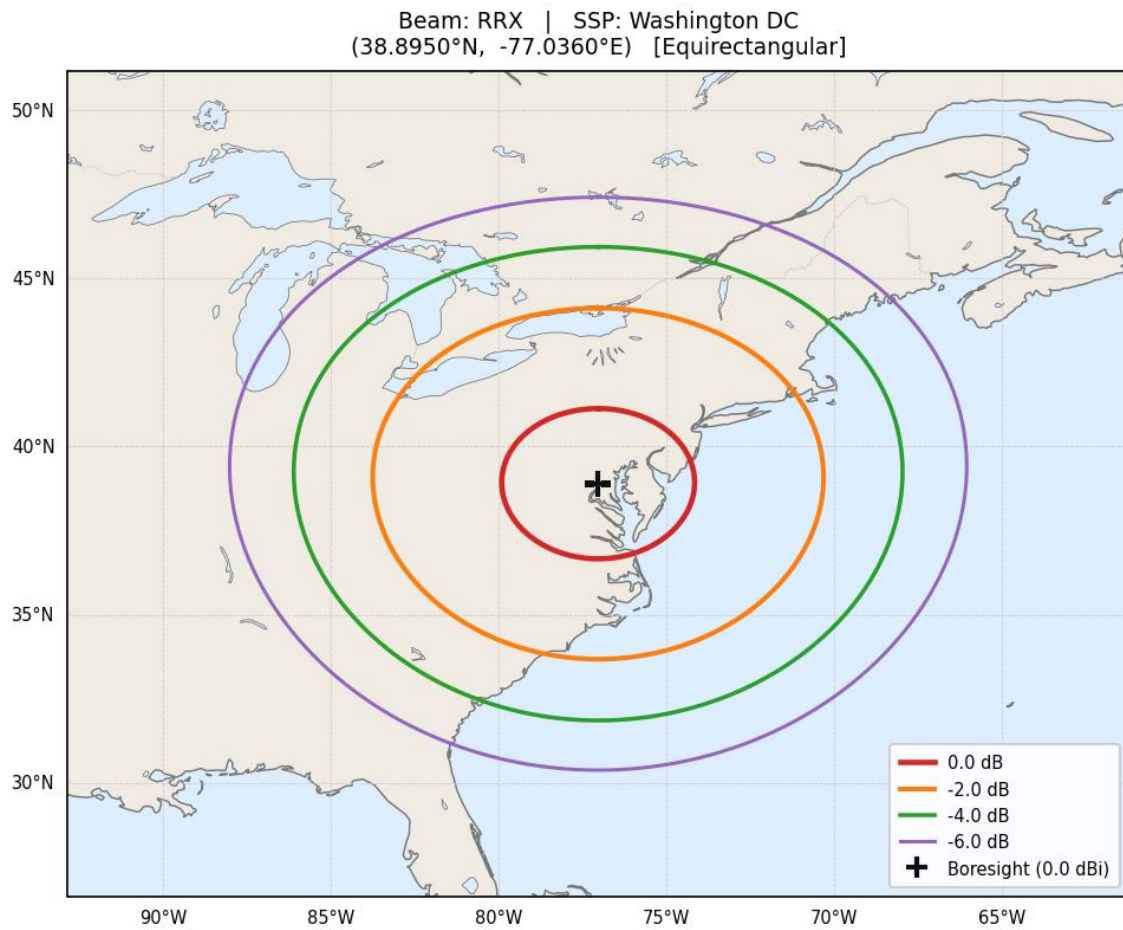


Figure 1. RRX Antenna Beam Projection over Washington DC from Orbit altitude of 350 km

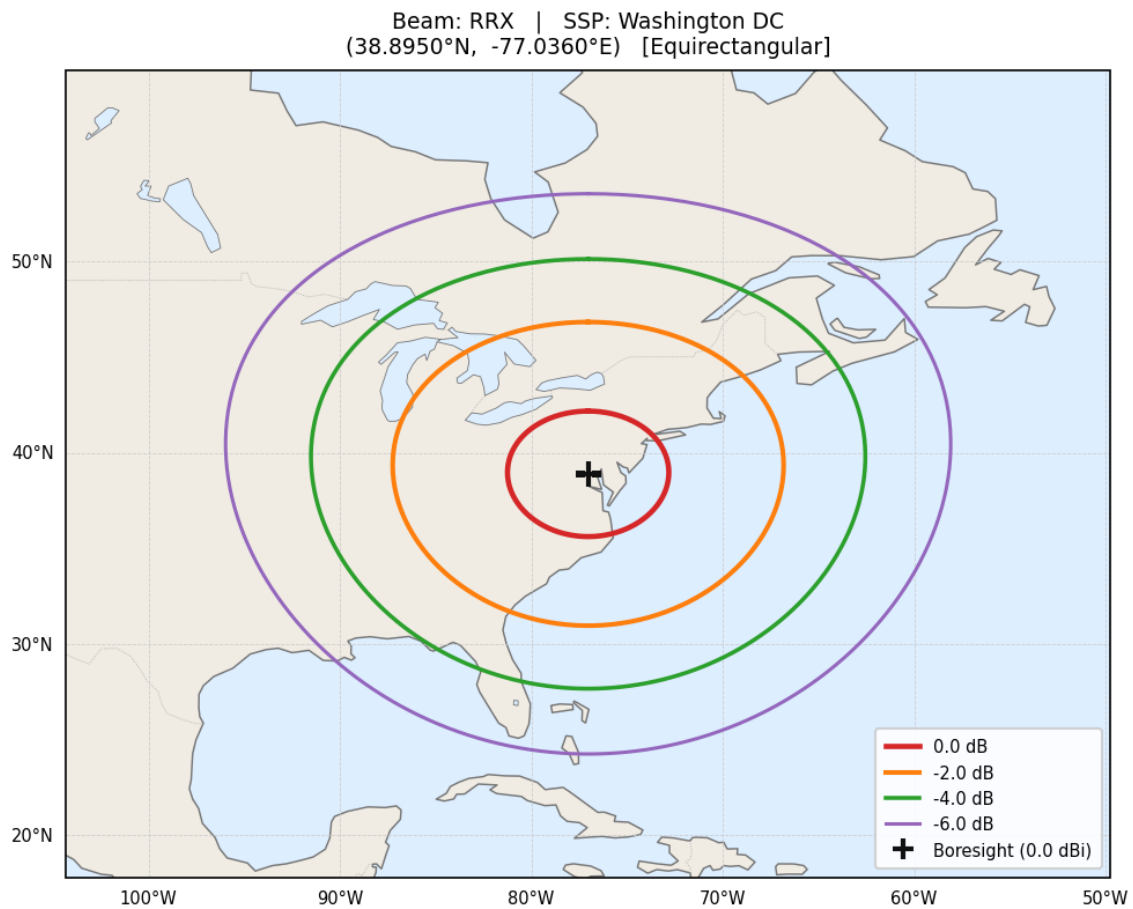


Figure 2. RRX Antenna Beam Projection over Washington DC from Orbit altitude of 510 km

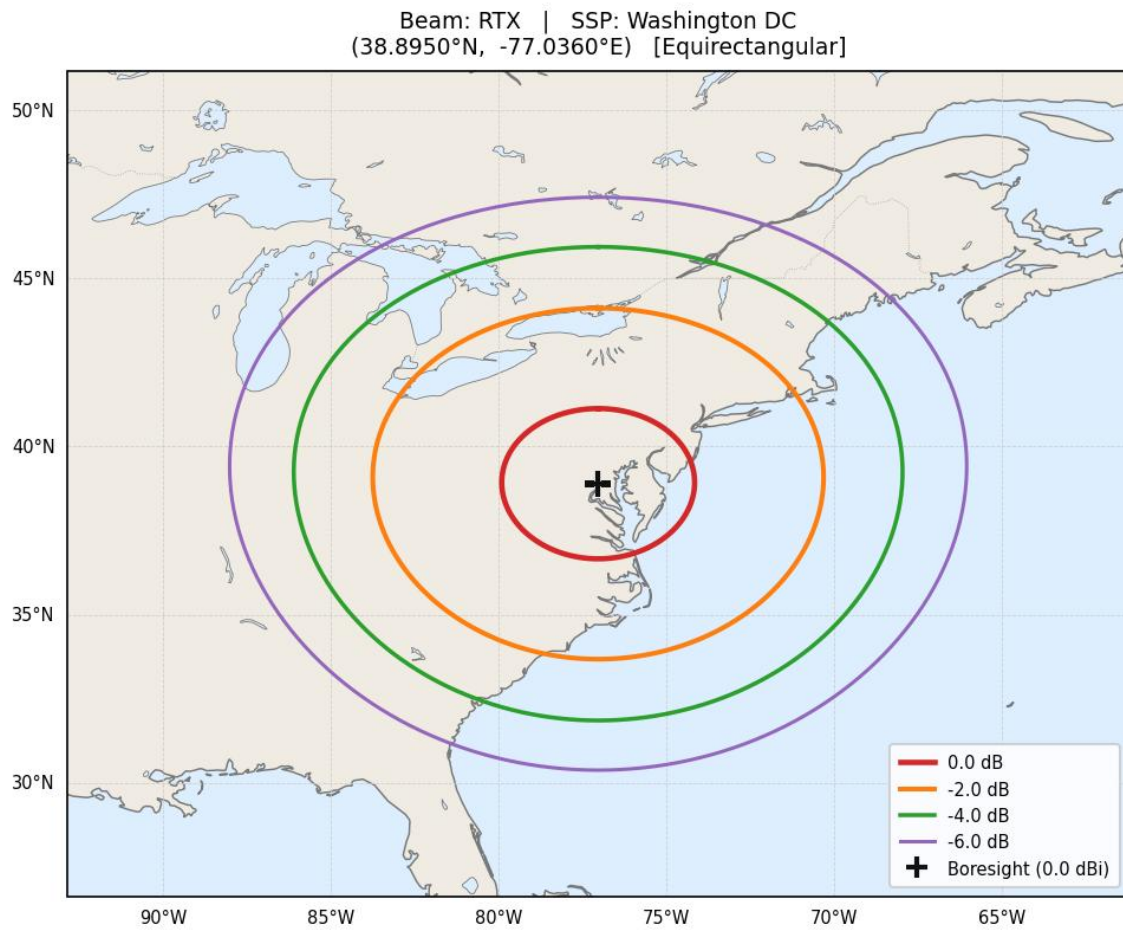


Figure 3. RTX Antenna Beam Projection over Washington DC from Orbit altitude of 350 km

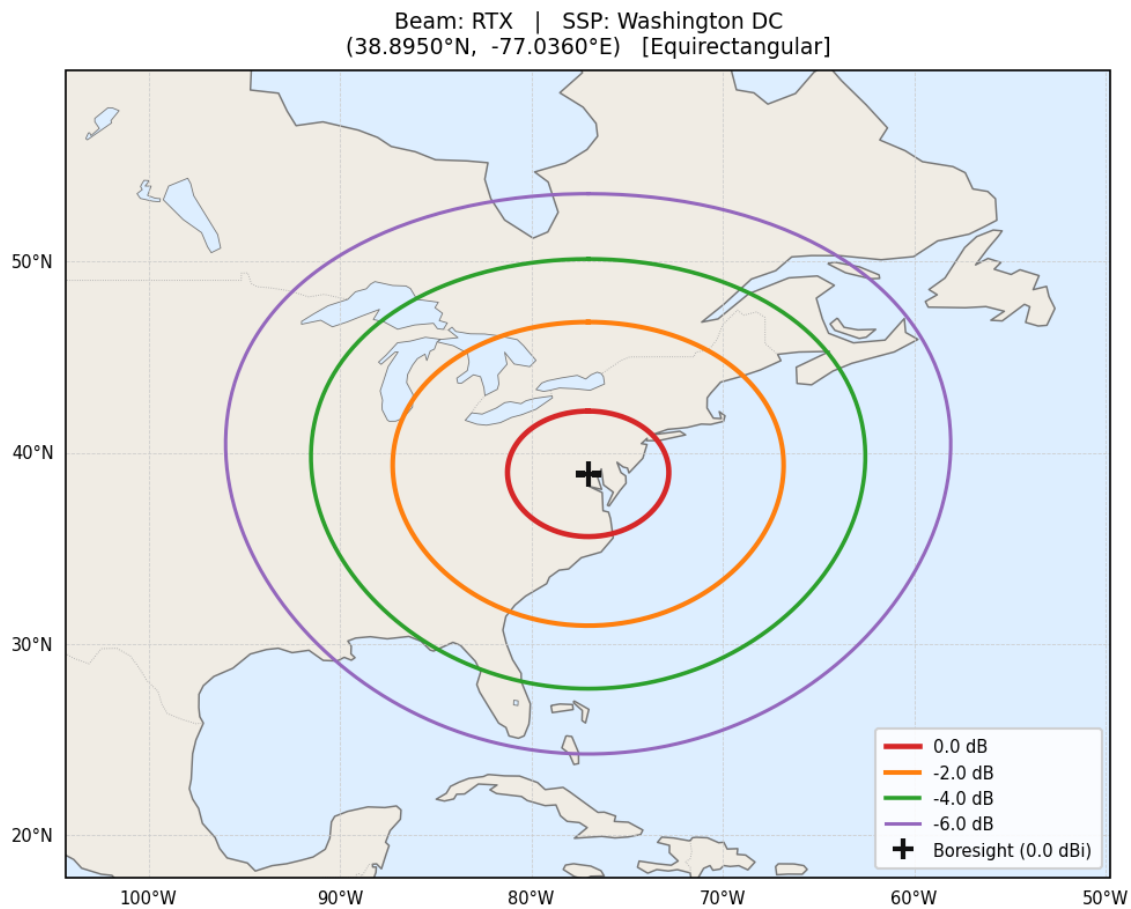


Figure 4. RTX Antenna Beam Projection over Washington DC from Orbit altitude of 510 km

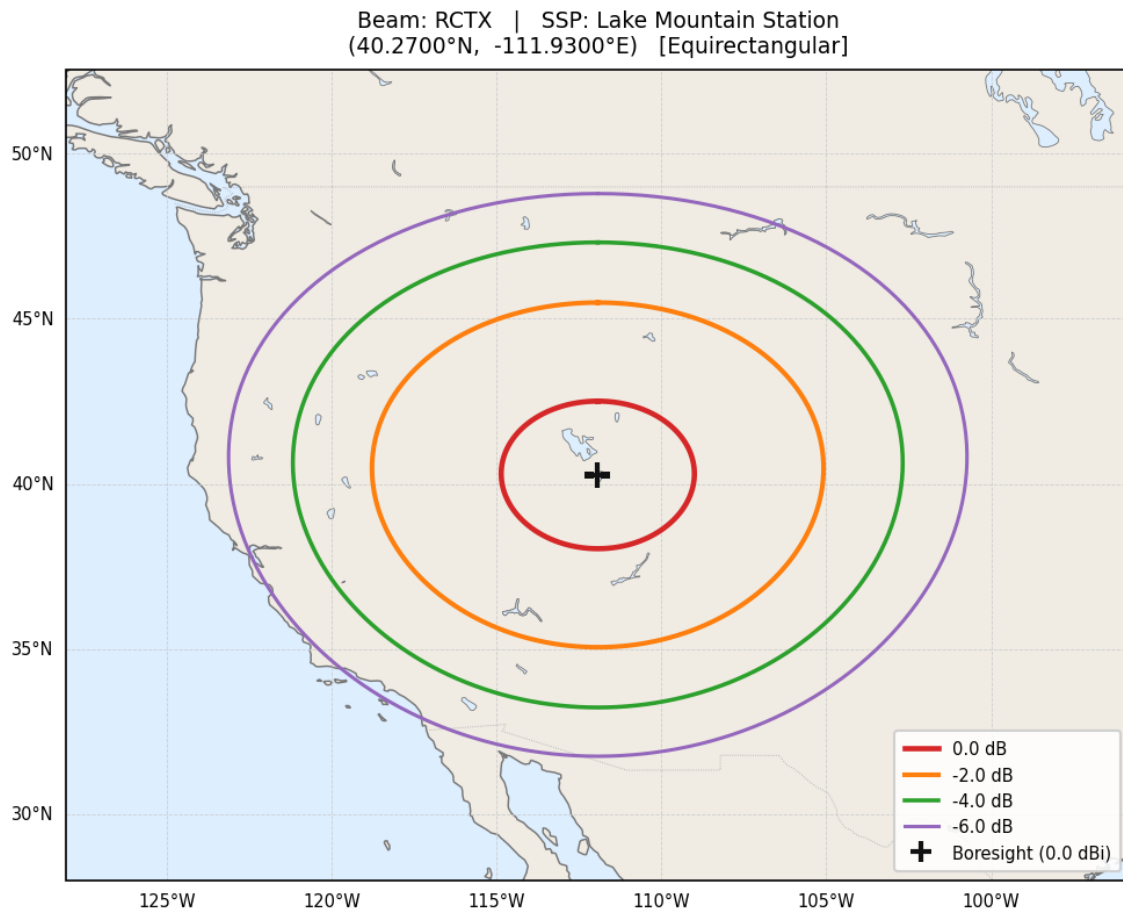


Figure 5. RCTX Antenna Beam Projection over Lake Mountain Station from Orbit altitude of 350 km

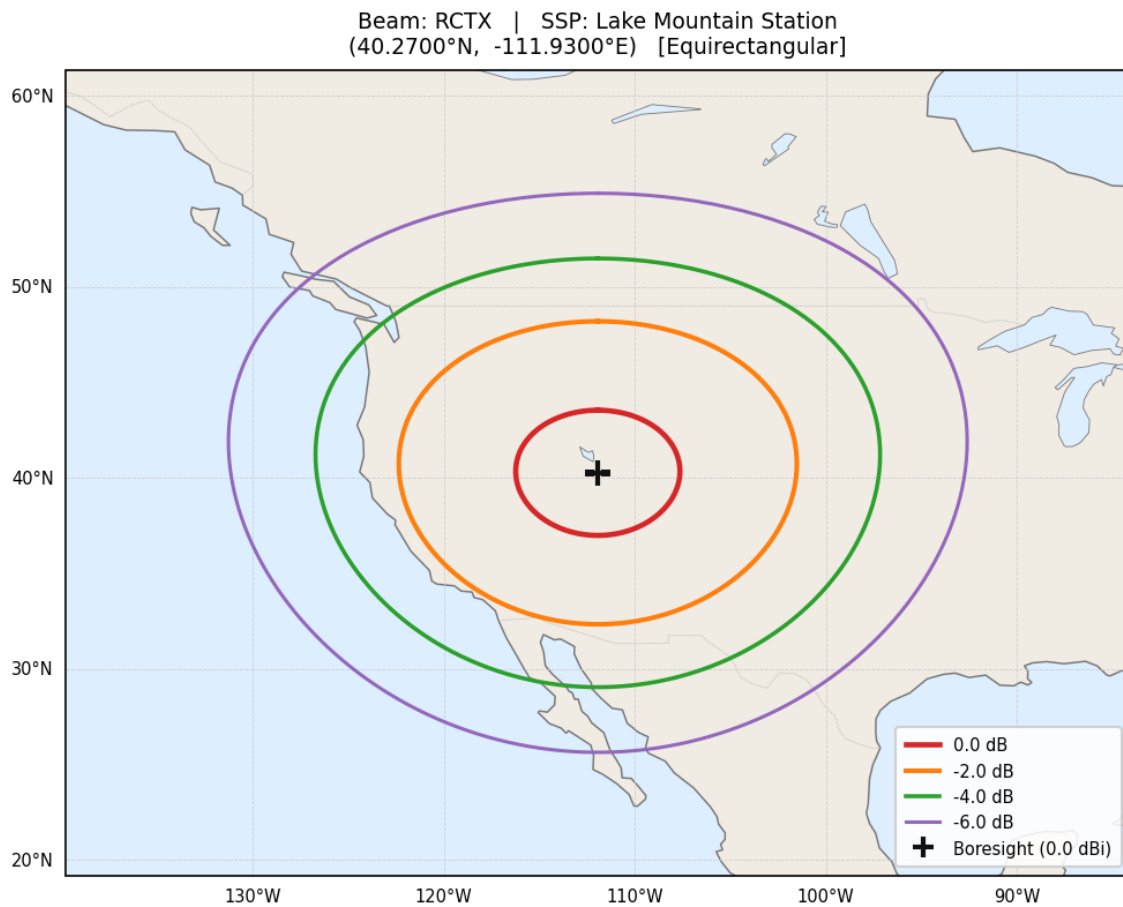


Figure 6. RCTX Antenna Beam Projection over Lake Mountain Station from Orbit altitude of 510 km

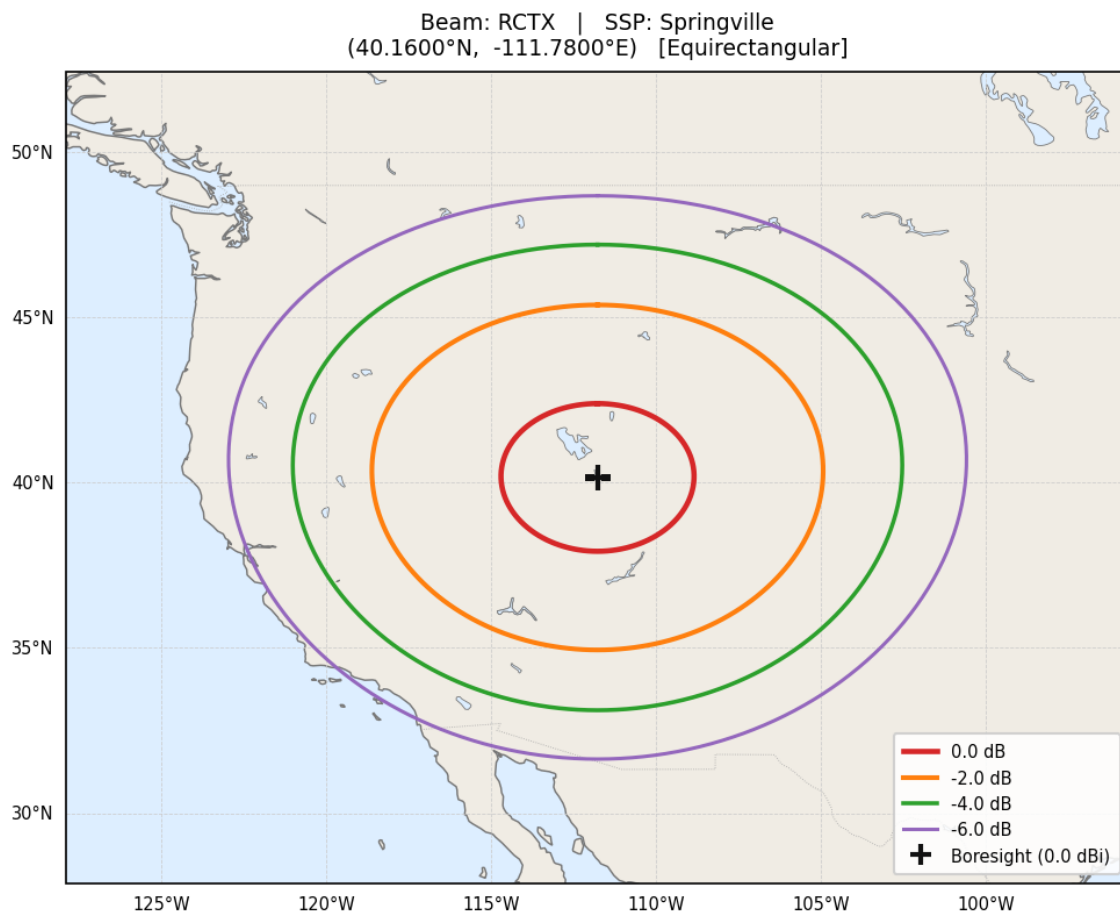


Figure 7. RCTX Antenna Beam Projection over Springville from Orbit altitude of 350 km

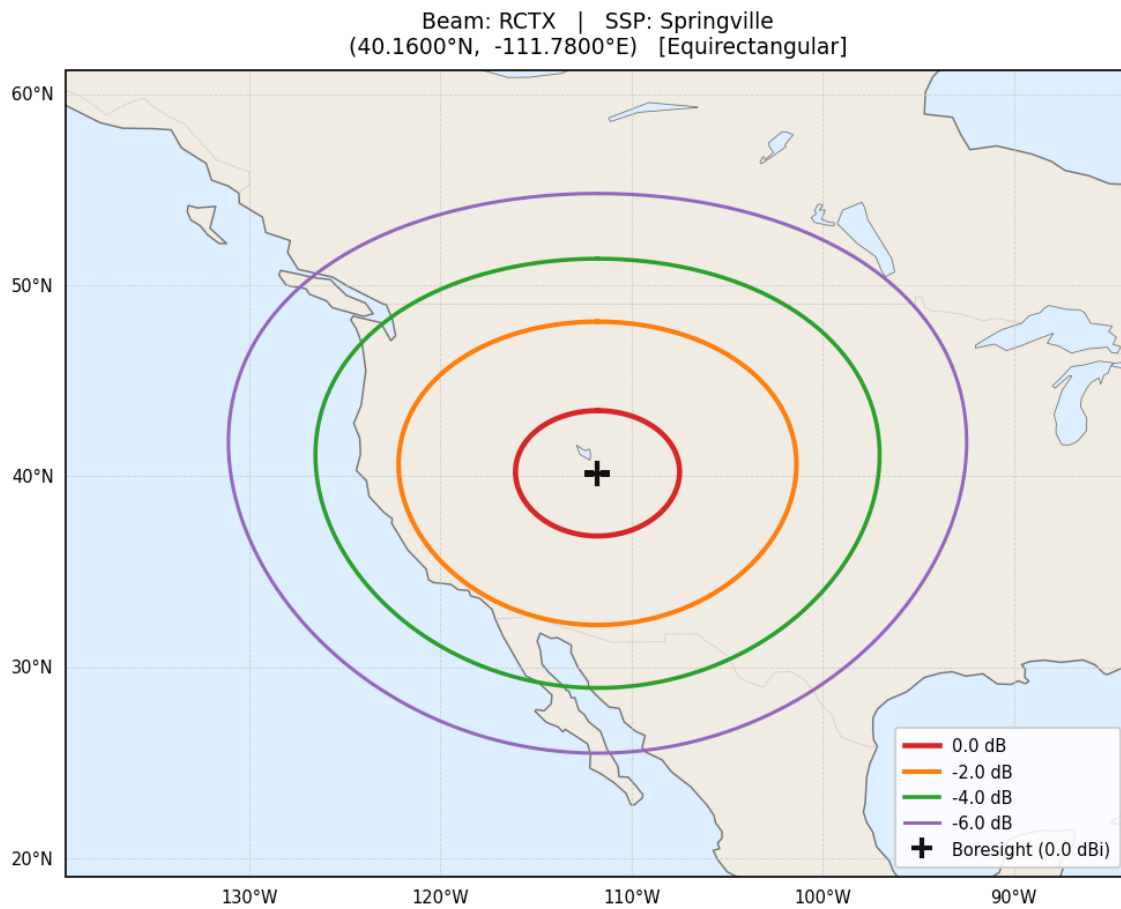


Figure 8. RCTX Antenna Beam Projection over Springville from Orbit altitude of 510 km

Beam: RCTX | SSP: Tromo
(69.6500°N, 18.9600°E) [Azimuthal Equidistant]

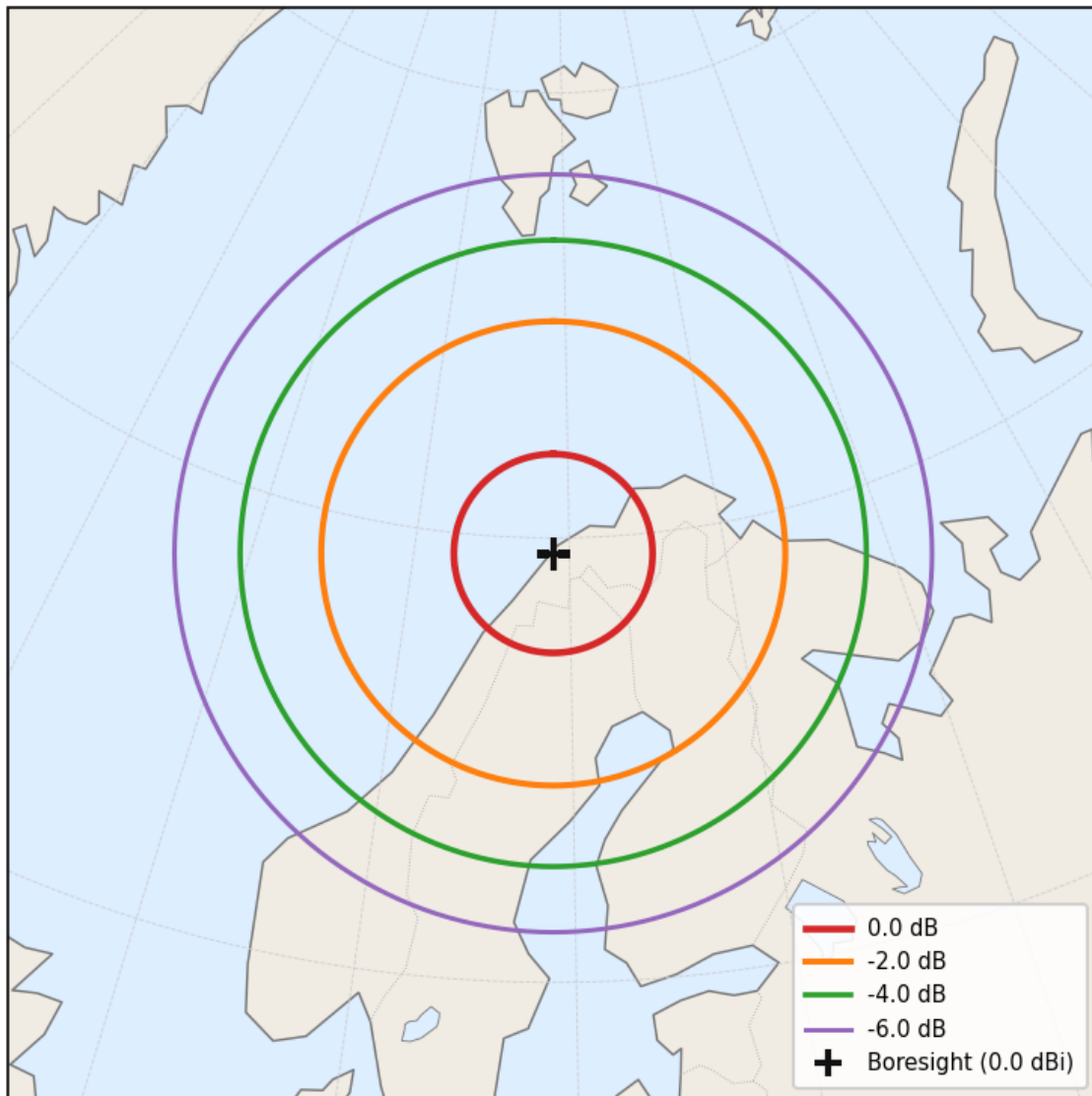


Figure 9. RCTX Antenna Beam Projection over Tromo from Orbit altitude of 350 km

Beam: RCTX | SSP: Tromo
(69.6500°N, 18.9600°E) [Azimuthal Equidistant]

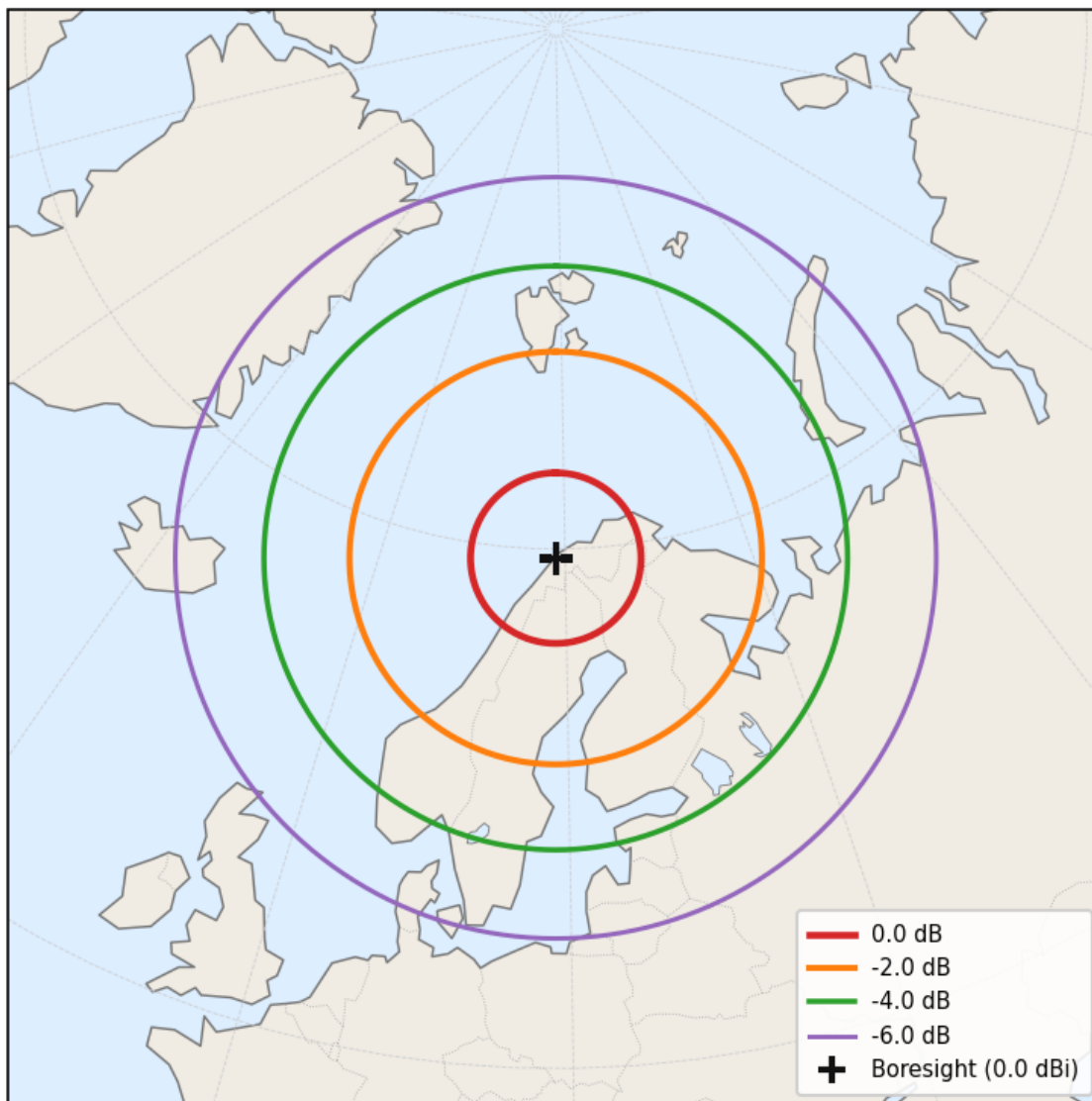


Figure 10. RCTX Antenna Beam Projection over Tromo from Orbit altitude of 510 km

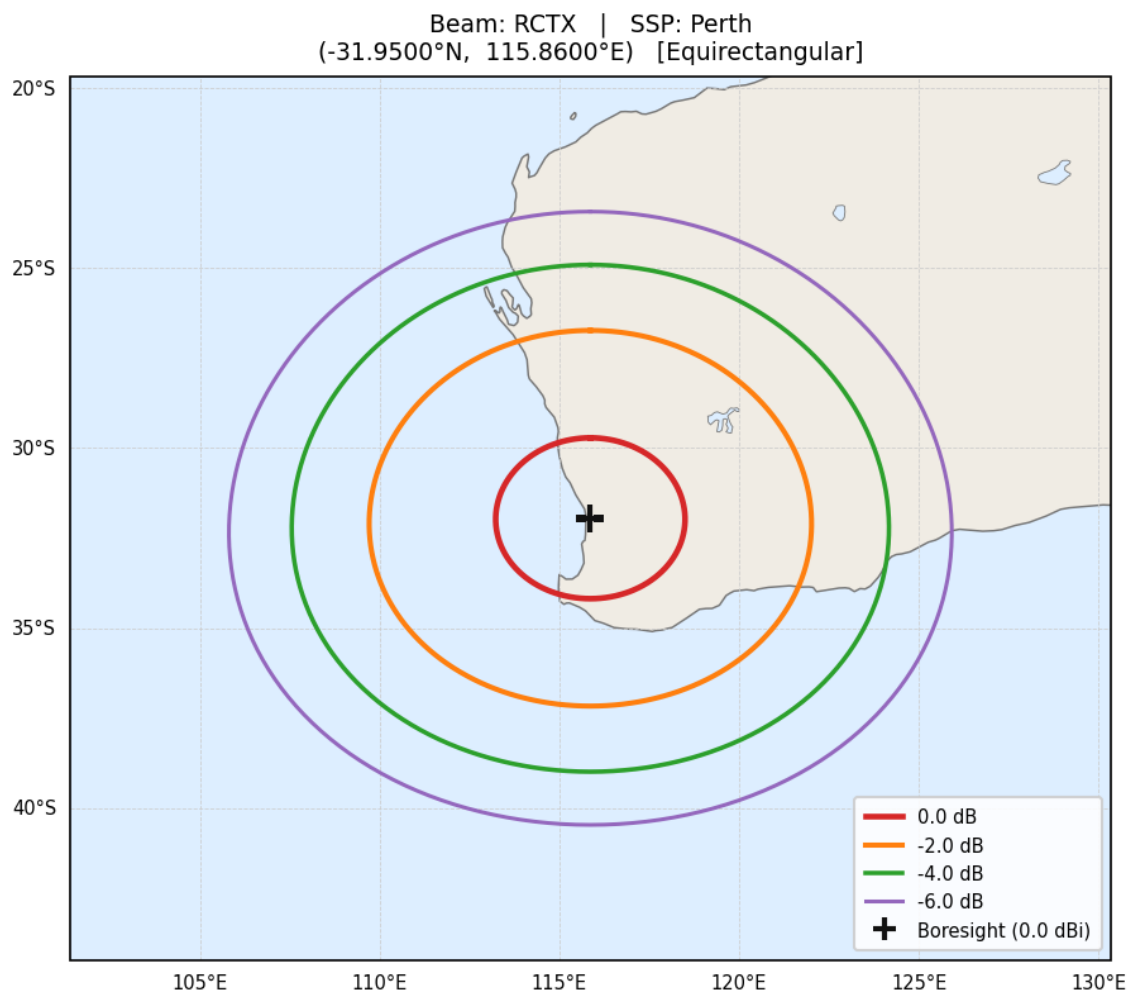


Figure 11. RCTX Antenna Beam Projection over Perth from Orbit altitude of 350 km

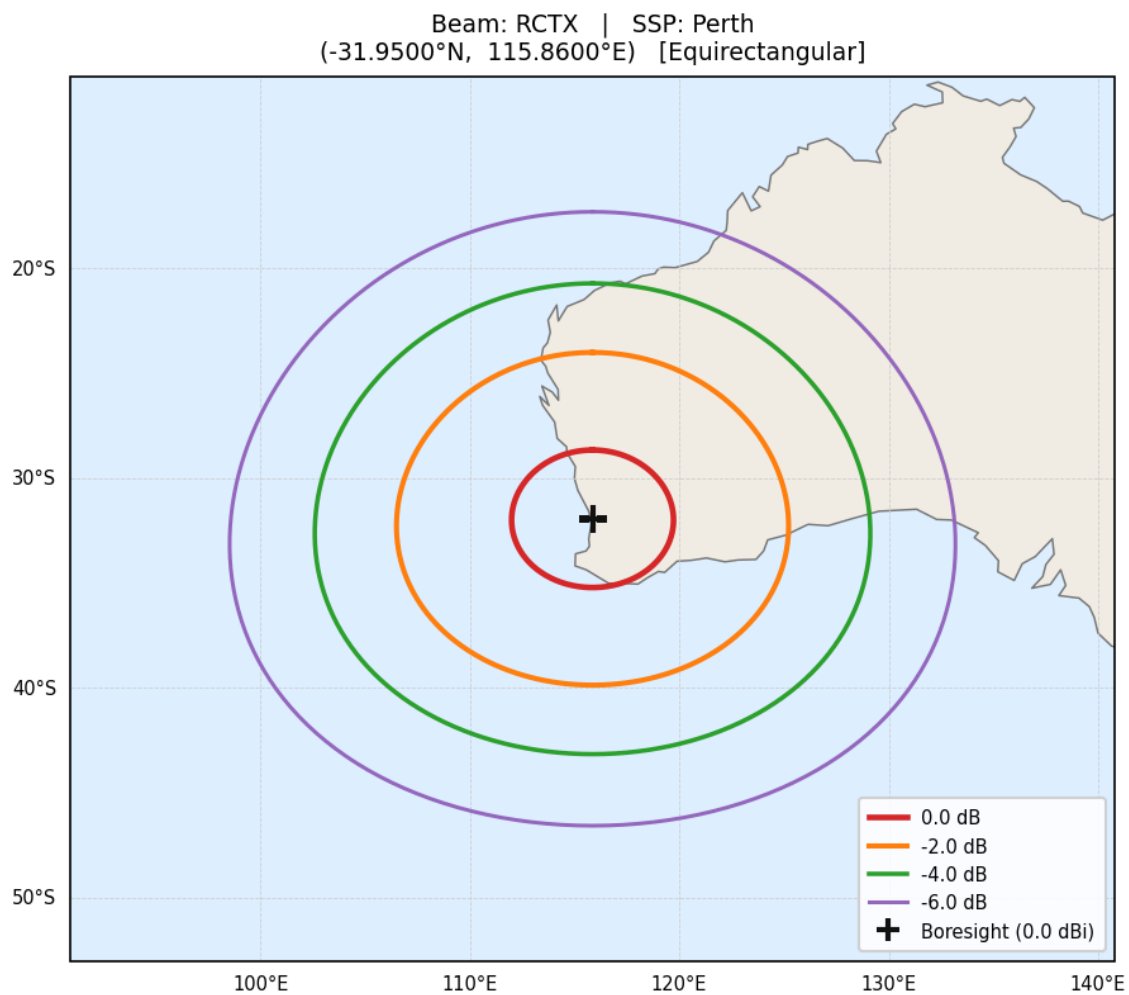


Figure 12. RCTX Antenna Beam Projection over Perth from Orbit altitude of 510 km

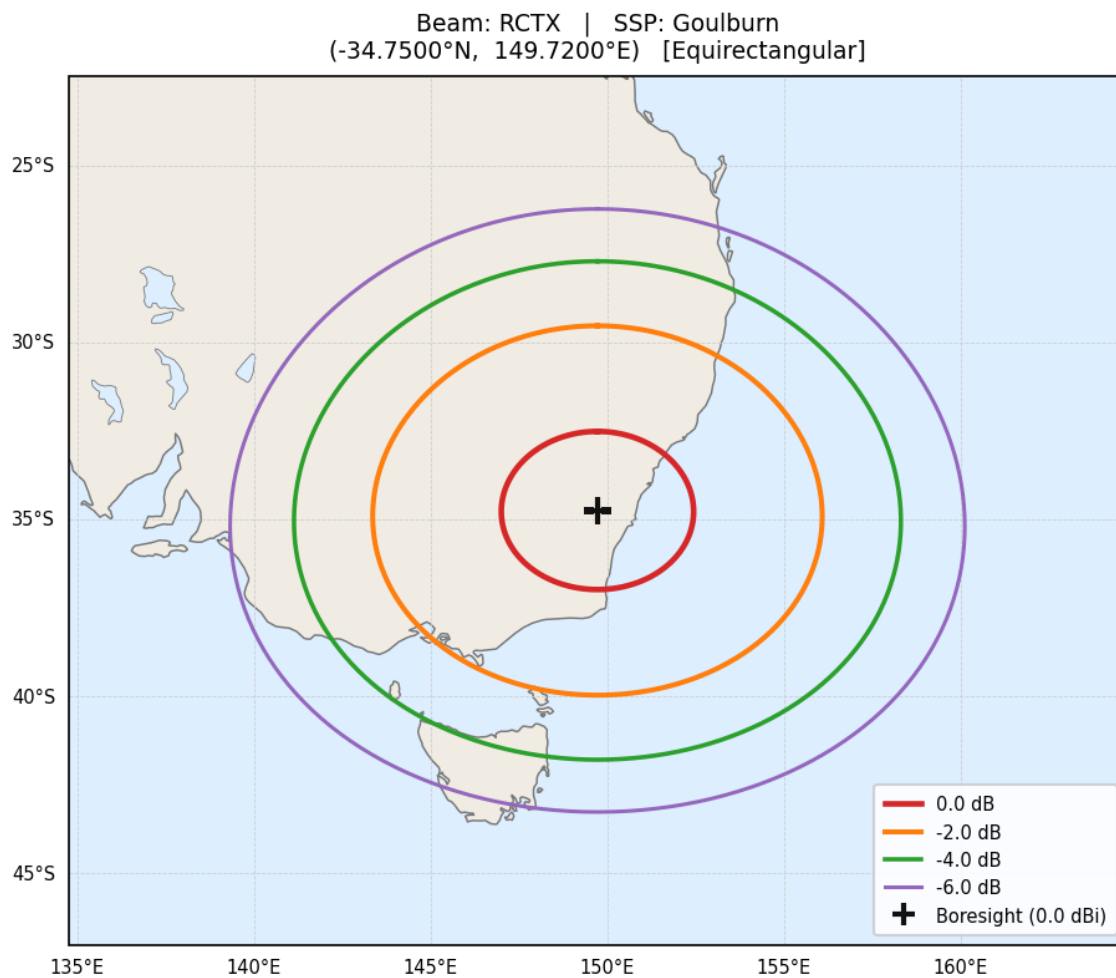


Figure 13. RCTX Antenna Beam Projection over Goulburn from Orbit altitude of 350 km

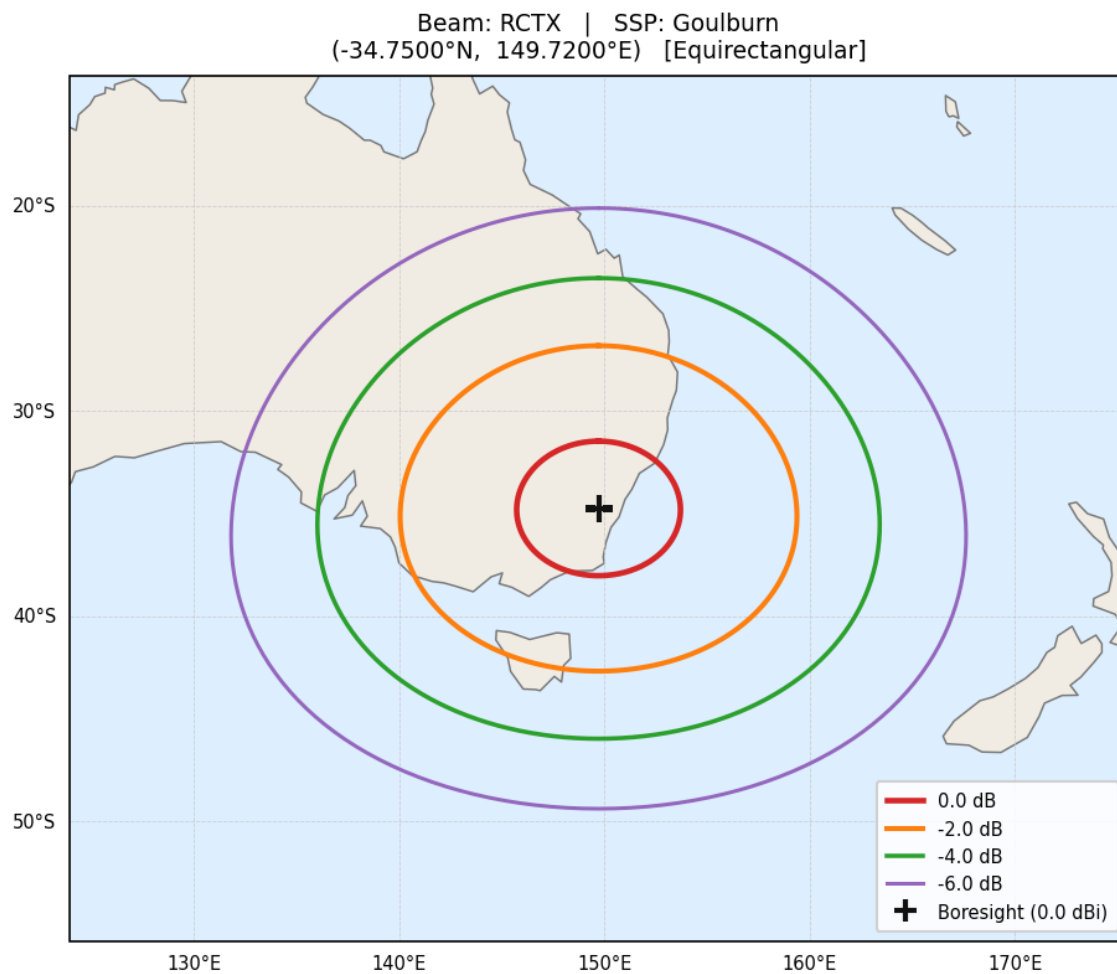


Figure 14. RCTX Antenna Beam Projection over Goulburn from Orbit altitude of 510 km

Beam: RCTX | SSP: Deadhorse
(70.2000°N, -148.4700°E) [Azimuthal Equidistant]

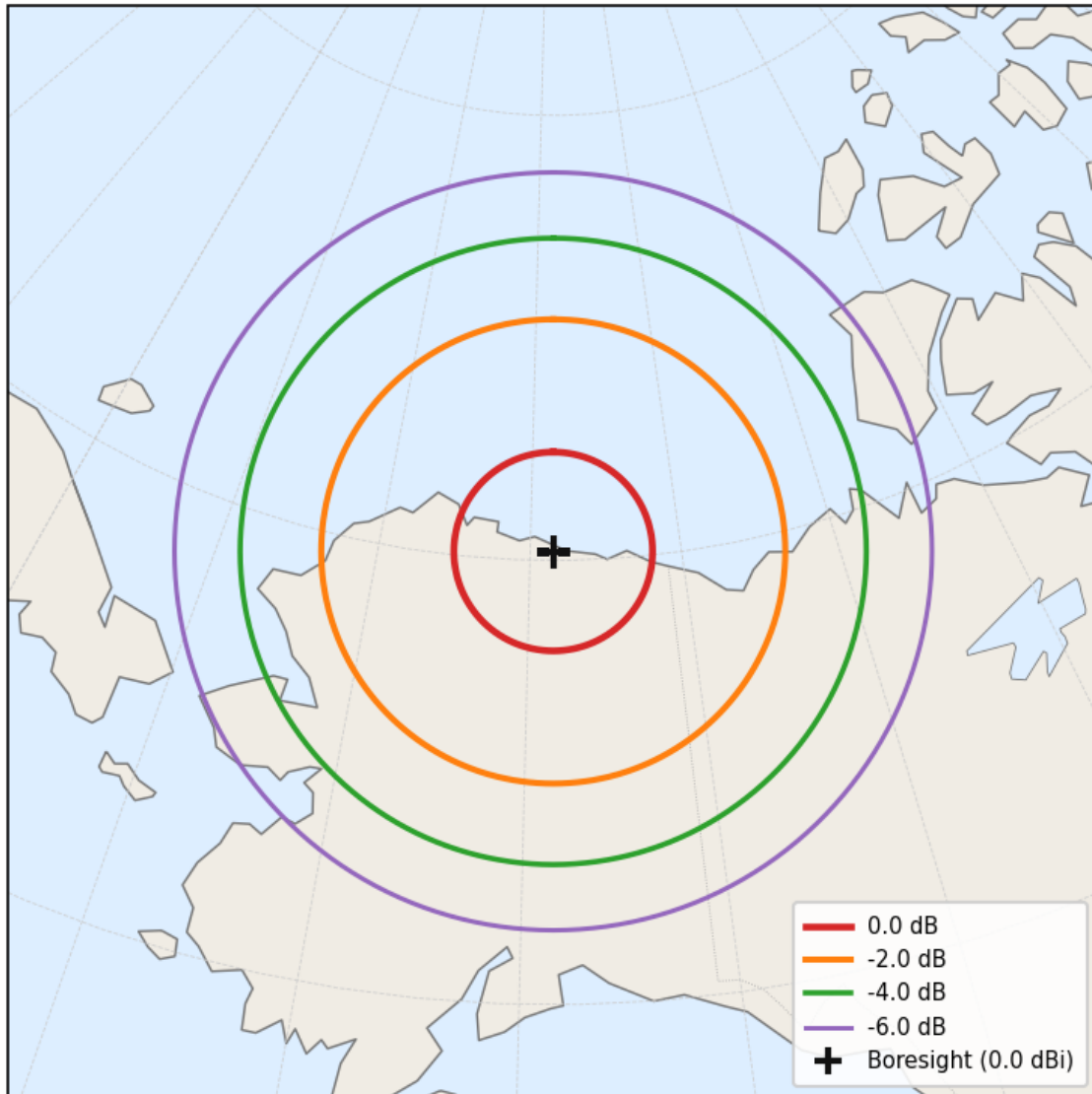


Figure 15. RCTX Antenna Beam Projection over Deadhorse from Orbit altitude of 350 km

Beam: RCTX | SSP: Deadhorse
(70.2000°N, -148.4700°E) [Azimuthal Equidistant]

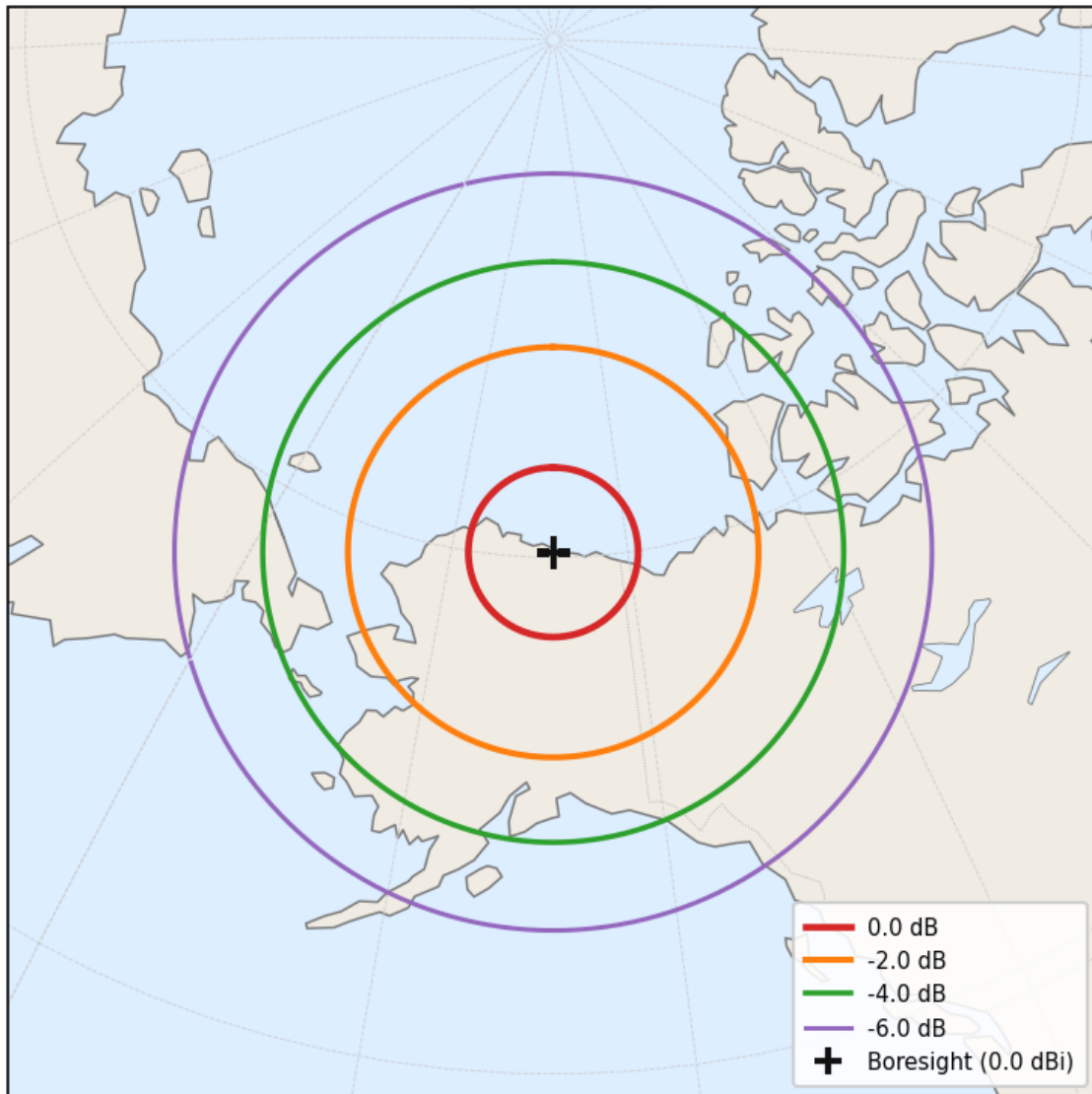


Figure 16. RCTX Antenna Beam Projection over Deadhorse from Orbit altitude of 510 km

Beam: RCTX | SSP: Palmerston North
(-40.3500°N, 175.6100°E) [Equirectangular]

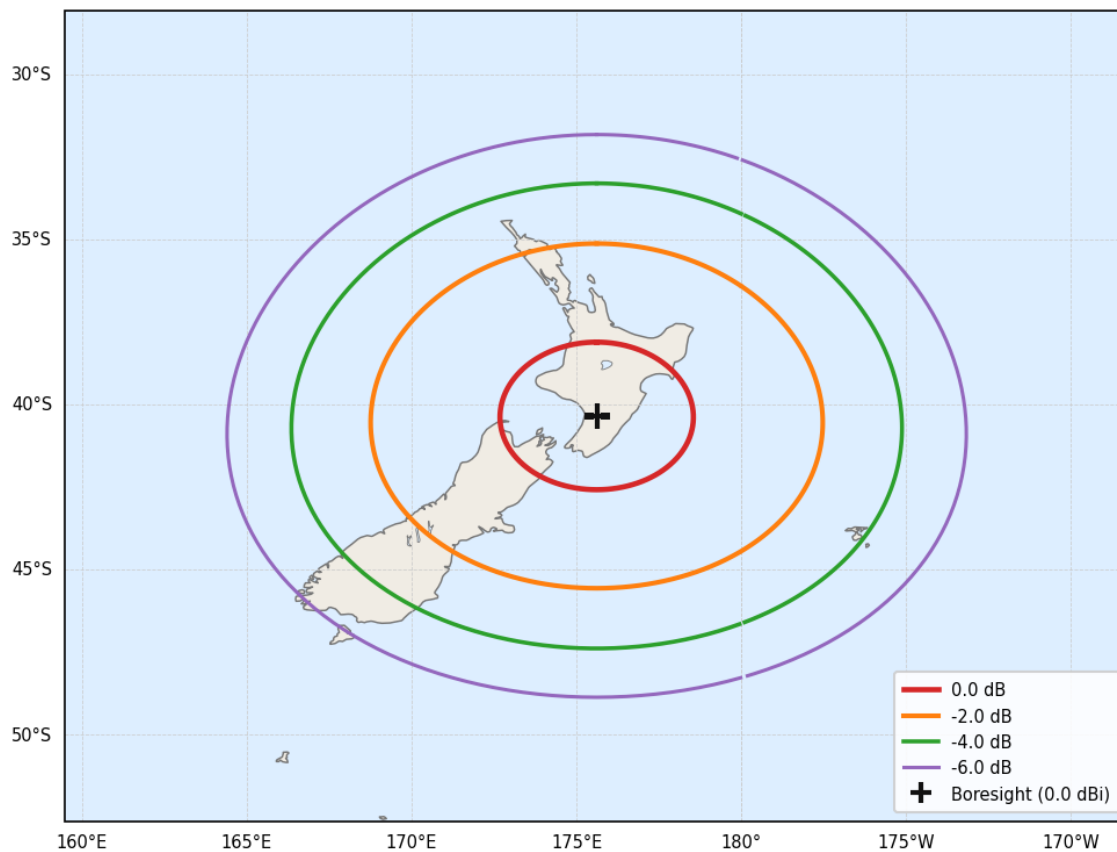


Figure 17. RCTX Antenna Beam Projection over Palmerston North from Orbit altitude of 350 km

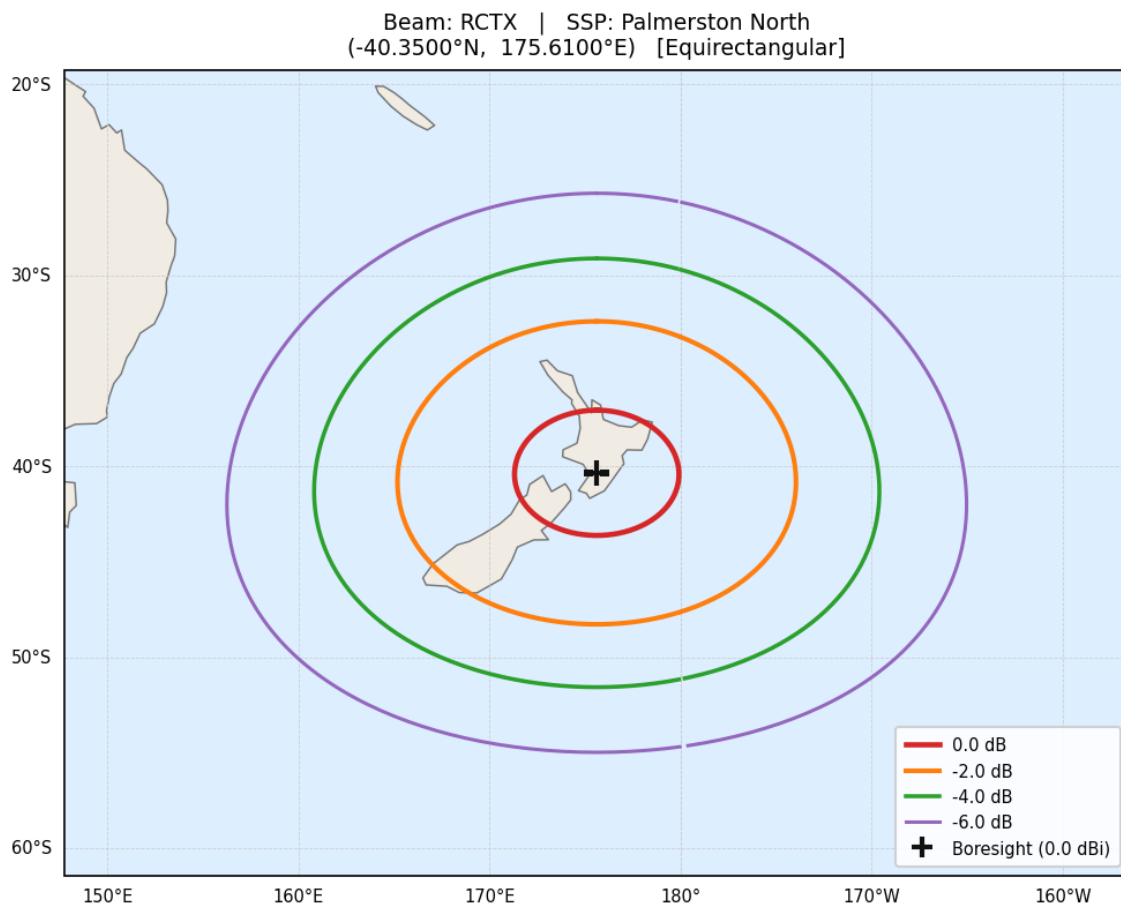


Figure 18. RCTX Antenna Beam Projection over Palmerston North from Orbit altitude of 510 km

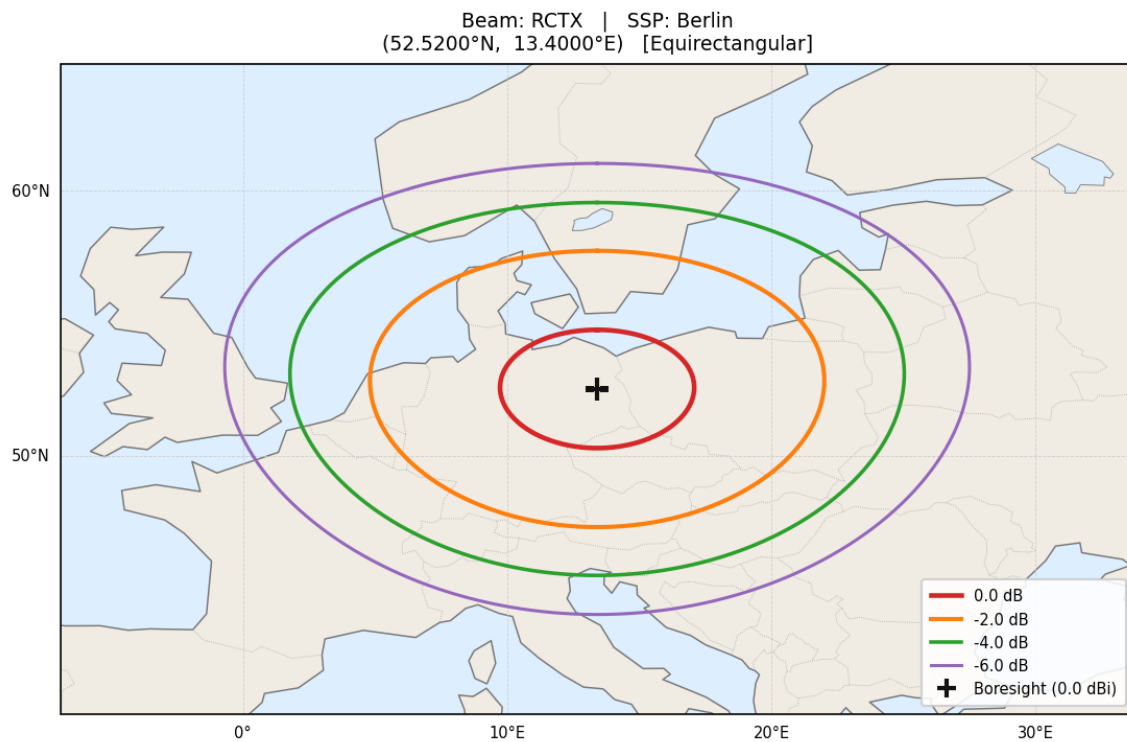


Figure 19. RCTX Antenna Beam Projection over Berlin from Orbit altitude of 350 km

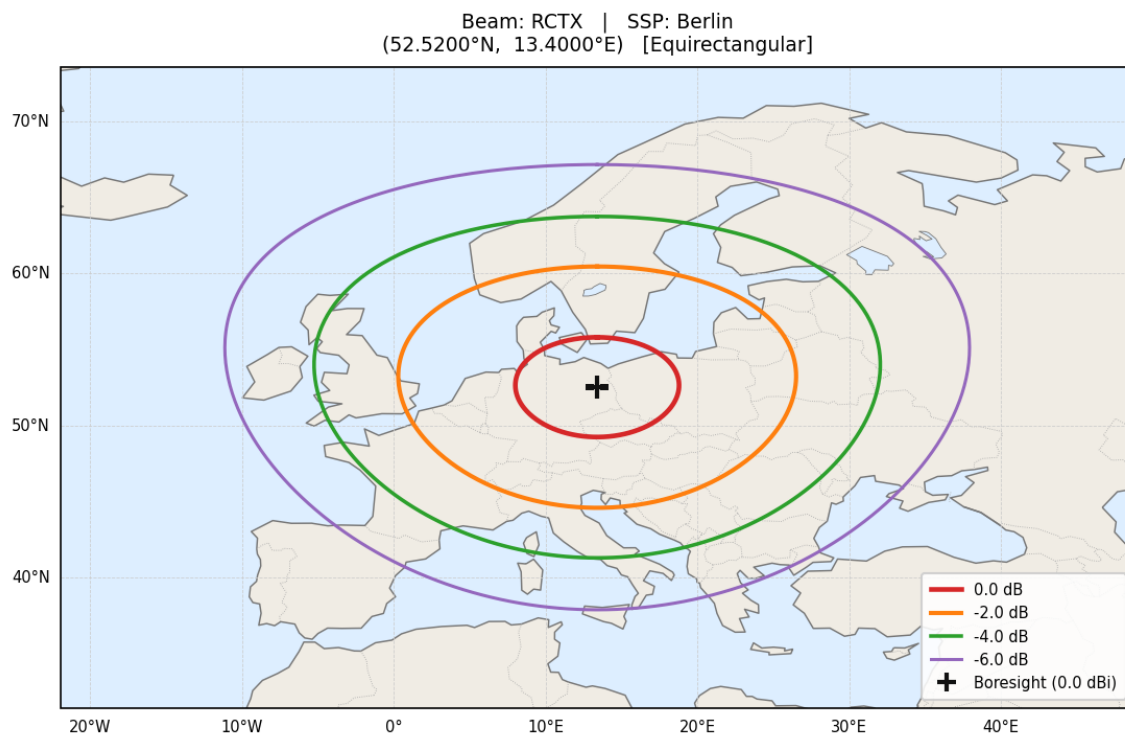


Figure 20. RCTX Antenna Beam Projection over Berlin from Orbit altitude of 510 km

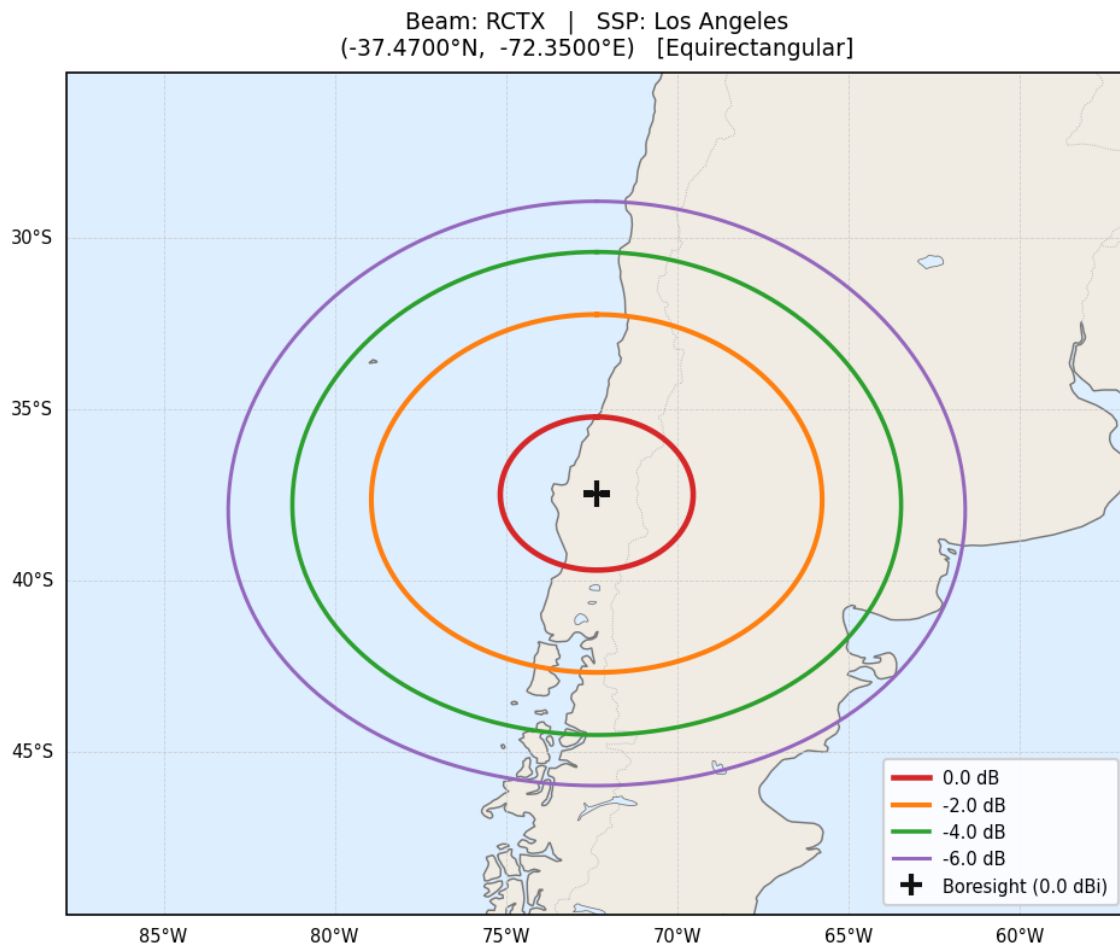


Figure 21. RCTX Antenna Beam Projection over Los Angeles from Orbit altitude of 350 km

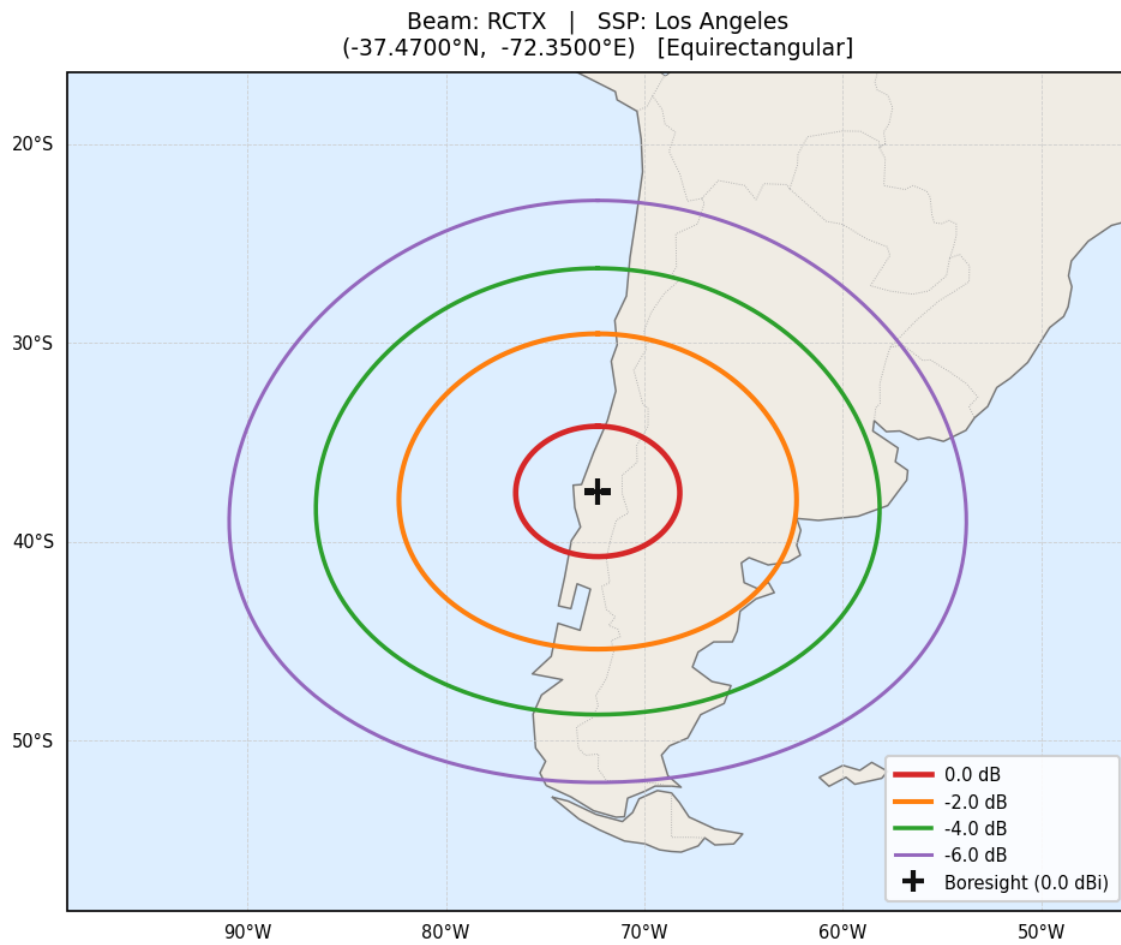


Figure 22. RCTX Antenna Beam Projection over Los Angeles from Orbit altitude of 510 km

Beam: RCTX | SSP: Hartebeesthoek
(-25.8900°N, 27.6900°E) [Equirectangular]

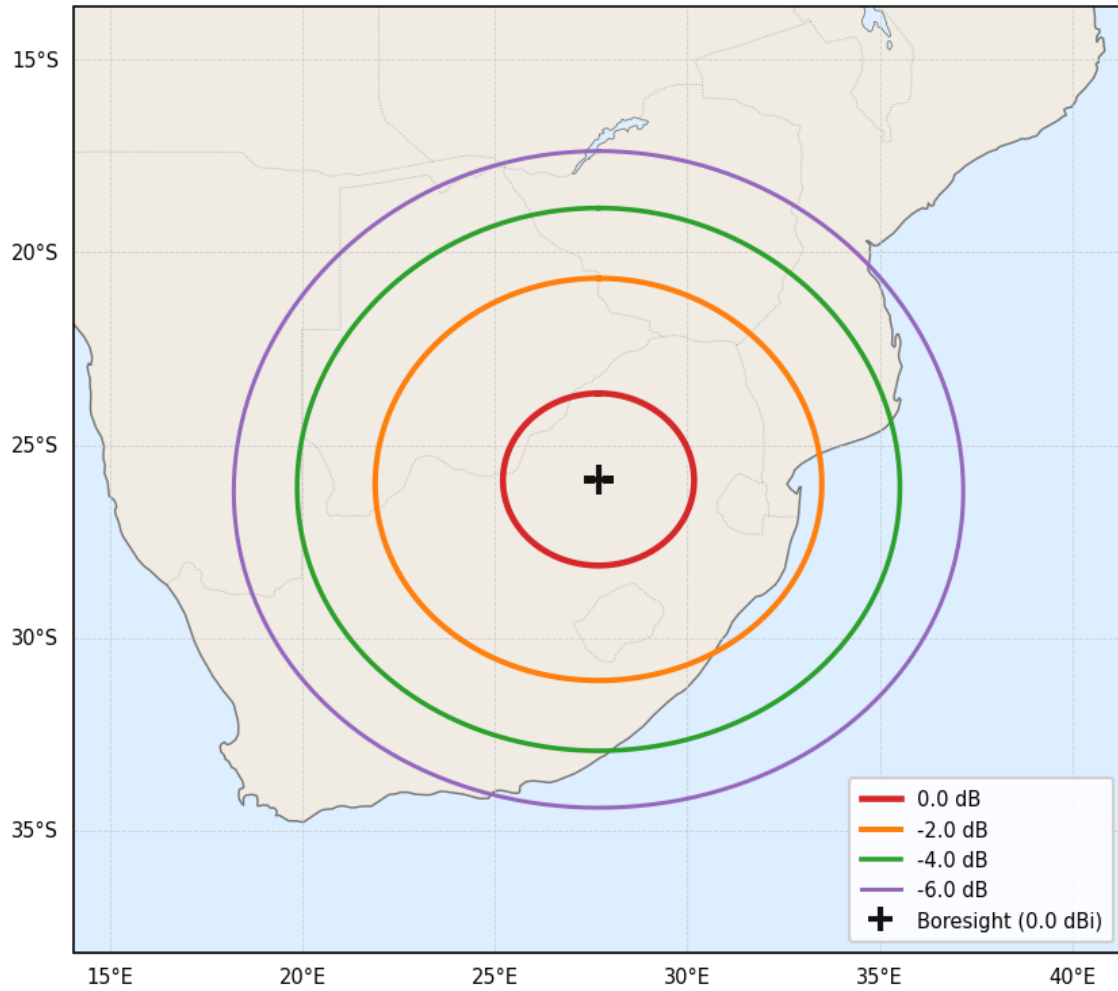


Figure 23. RCTX Antenna Beam Projection over Hartebeesthoek from Orbit altitude of 350 km

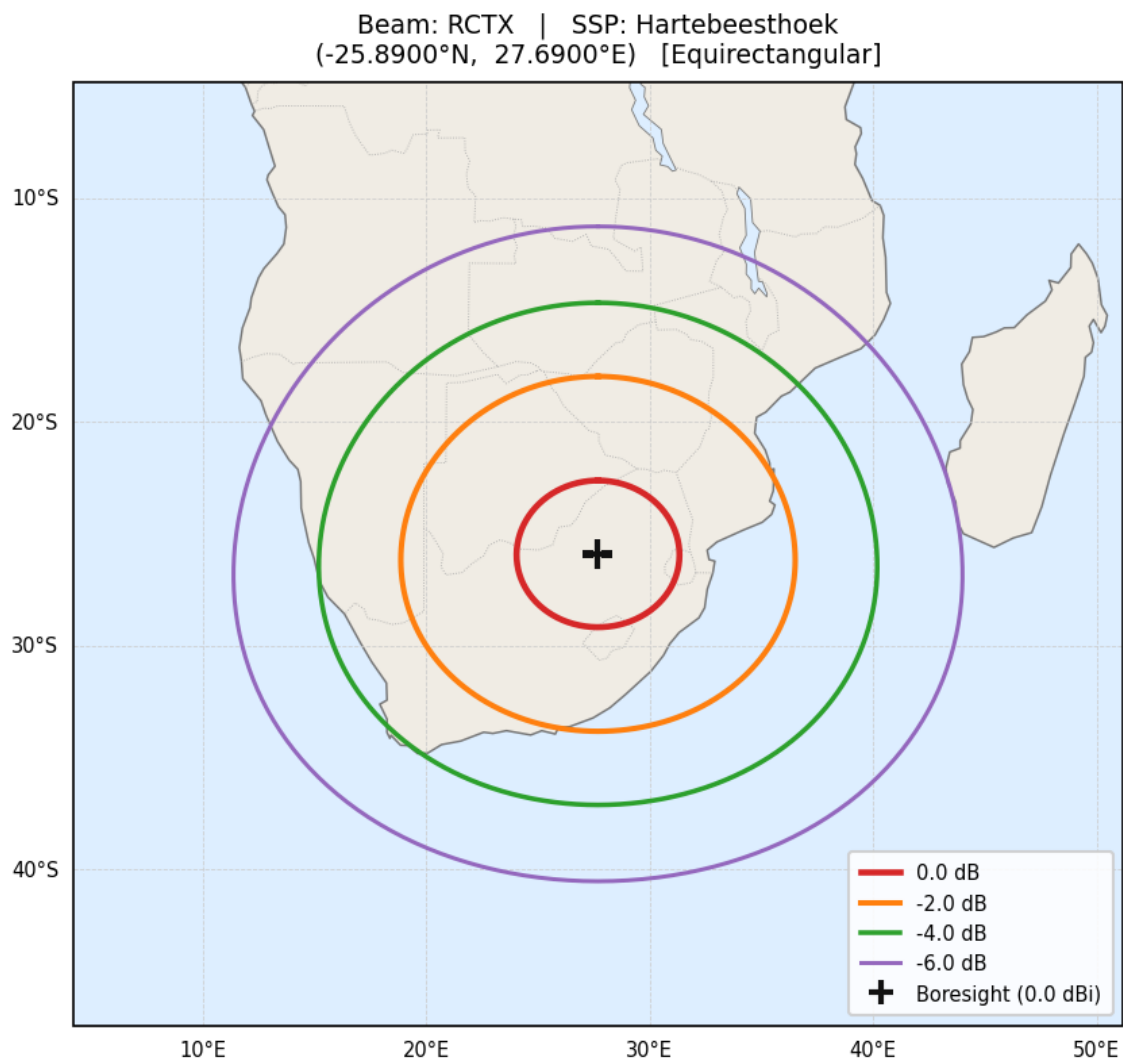


Figure 24. RCTX Antenna Beam Projection over Hartebeesthoek from Orbit altitude of 510 km