

**BEAM PROJECTIONS
REASON-2 SATELLITE**

UDA

Beam: UDA | SSP: SG_RANCH
(35.0222°N, -116.9461°E) [Equirectangular]

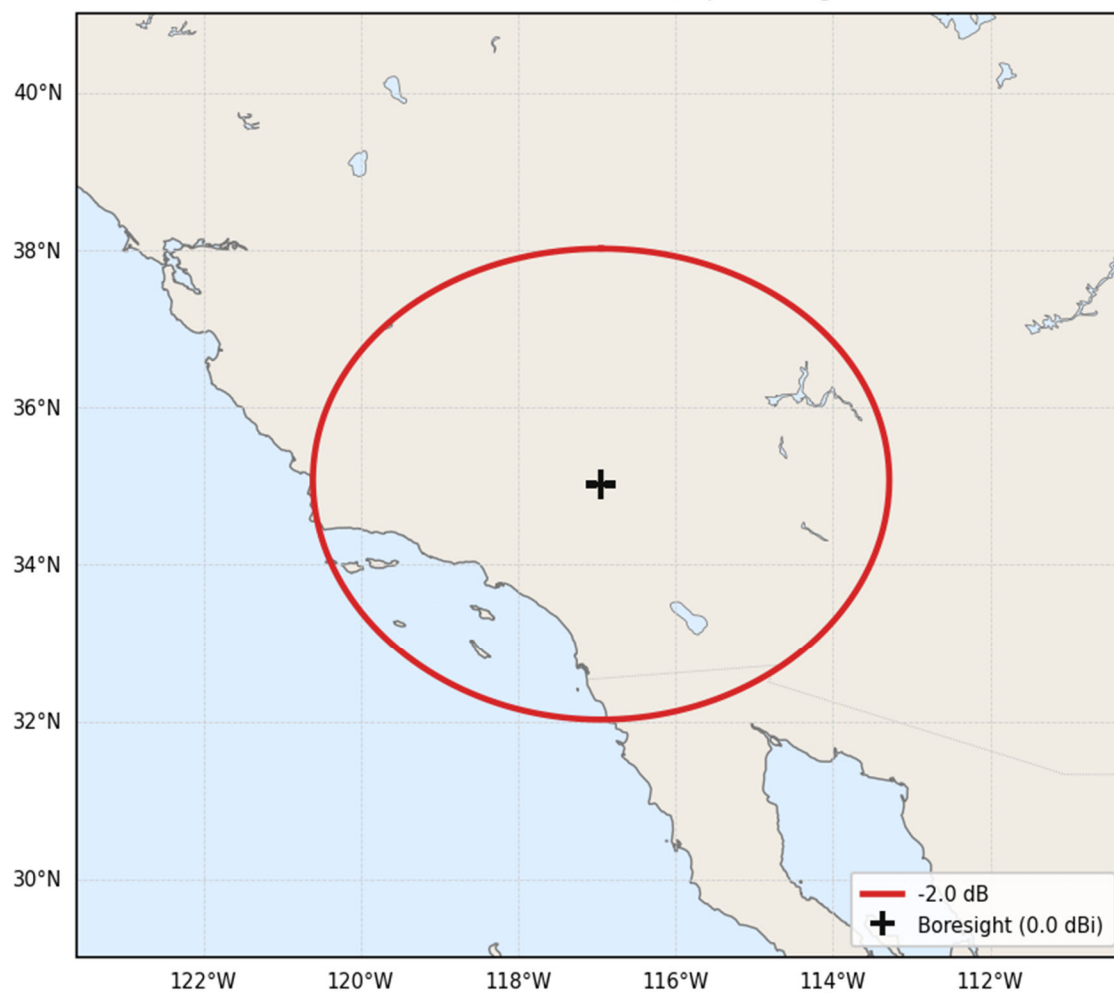


Figure 1. UDA Antenna Beam Projection over SG_RANCH from Orbit altitude of 450 km

Beam: UDA | SSP: SG_RANCH
(35.0222°N, -116.9461°E) [Equirectangular]



Figure 2. UDA Antenna Beam Projection over SG_RANCH from Orbit altitude of 510 km

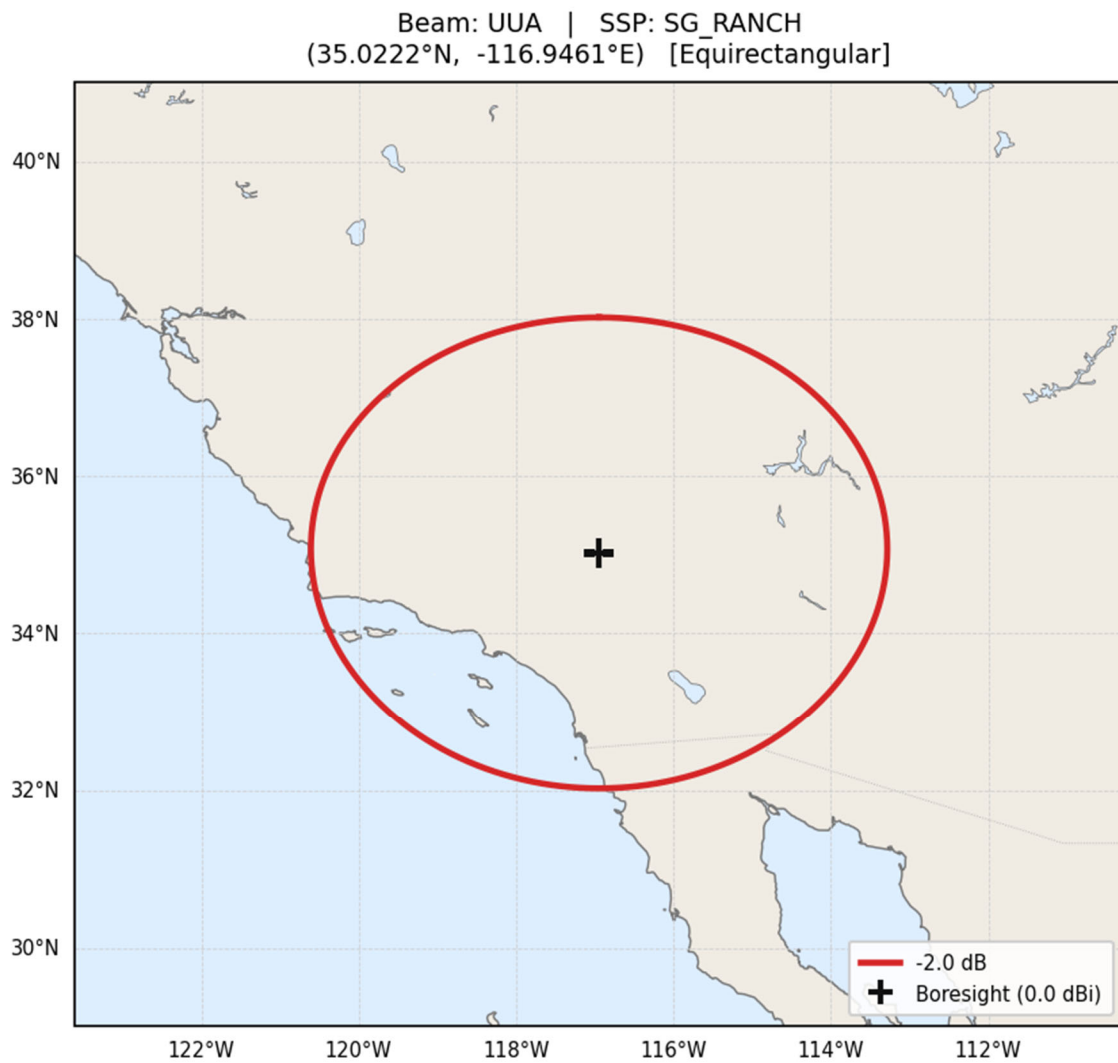


Figure 3. UUA Antenna Beam Projection over SG_RANCH from Orbit altitude of 450 km

Beam: UUA | SSP: SG_RANCH
(35.0222°N, -116.9461°E) [Equirectangular]



Figure 4. UUA Antenna Beam Projection over SG_RANCH from Orbit altitude of 510 km

Beam: SDA | SSP: BLONDUOS
(65.6475°N, -20.2461°E) [Azimuthal Equidistant]

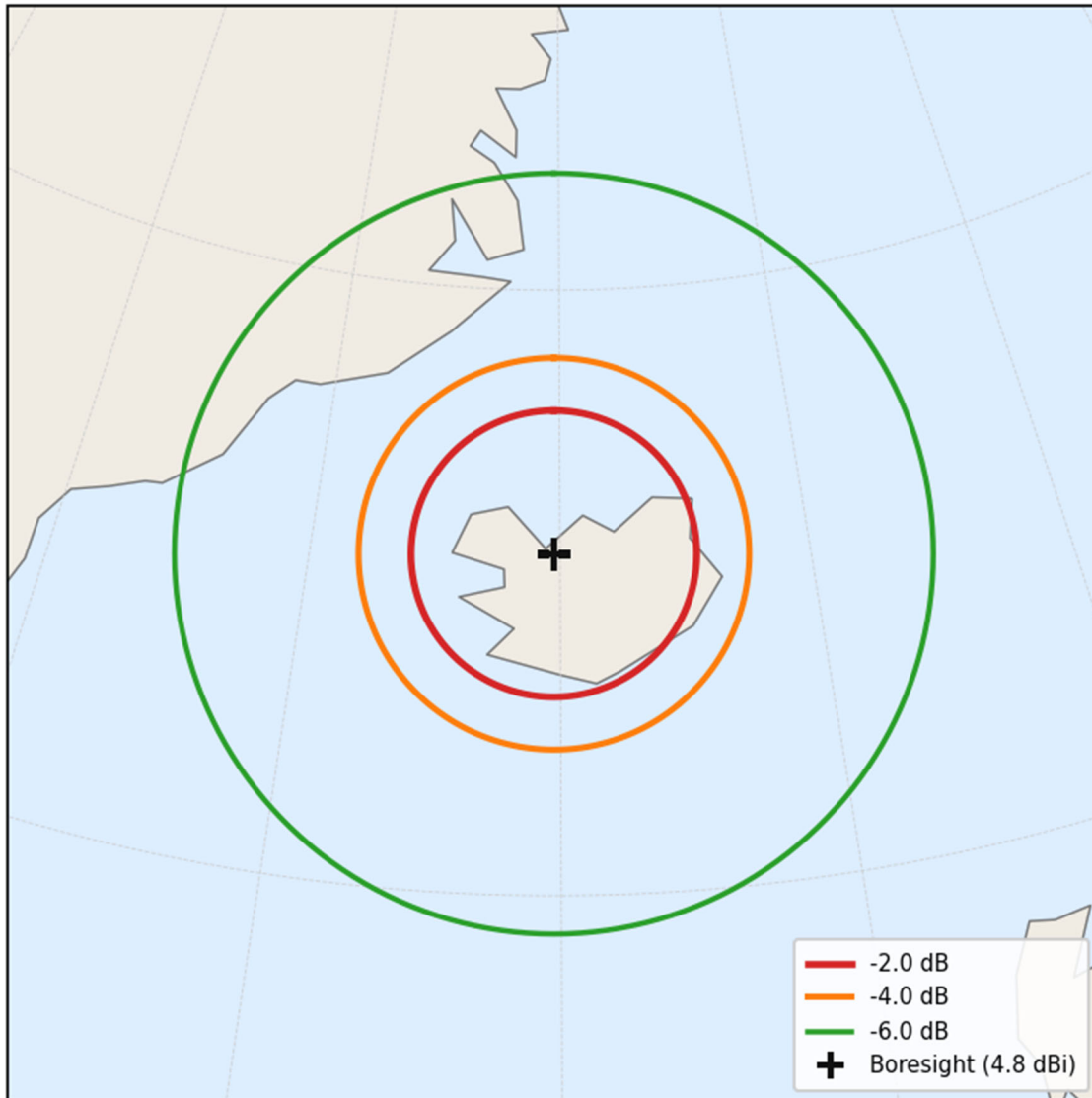


Figure 5. SDA Antenna Beam Projection over BLONDUOS from Orbit altitude of 450 km

Beam: SDA | SSP: BLONDUOS
(65.6475°N, -20.2461°E) [Azimuthal Equidistant]

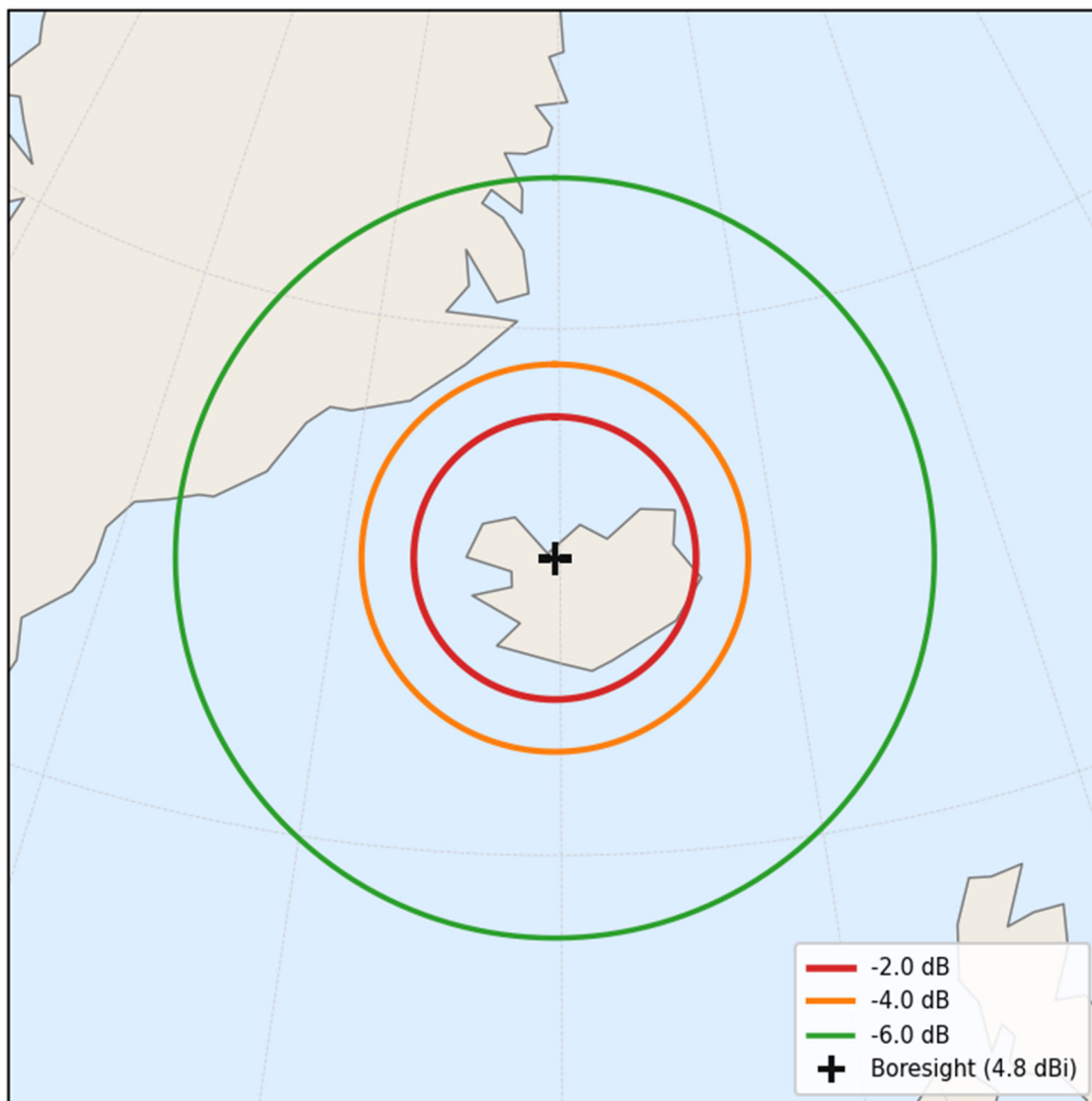


Figure 6. SDA Antenna Beam Projection over BLONDUOS from Orbit altitude of 510 km

Beam: SDA | SSP: LA PAZ
(24.0994°N, -110.3861°E) [Equirectangular]

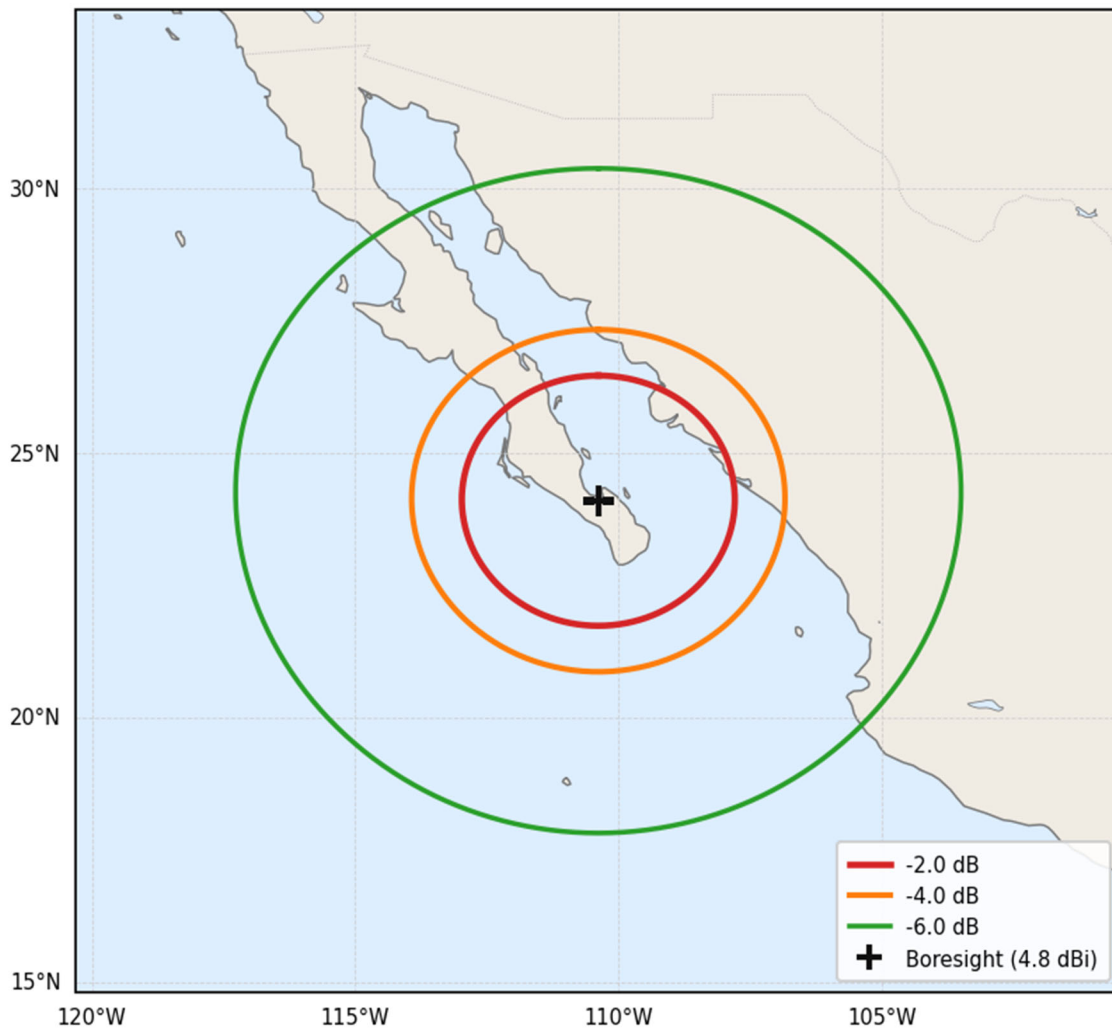


Figure 7. SDA Antenna Beam Projection over LA PAZ from Orbit altitude of 450 km



Figure 8. SDA Antenna Beam Projection over LA PAZ from Orbit altitude of 510 km

SDB

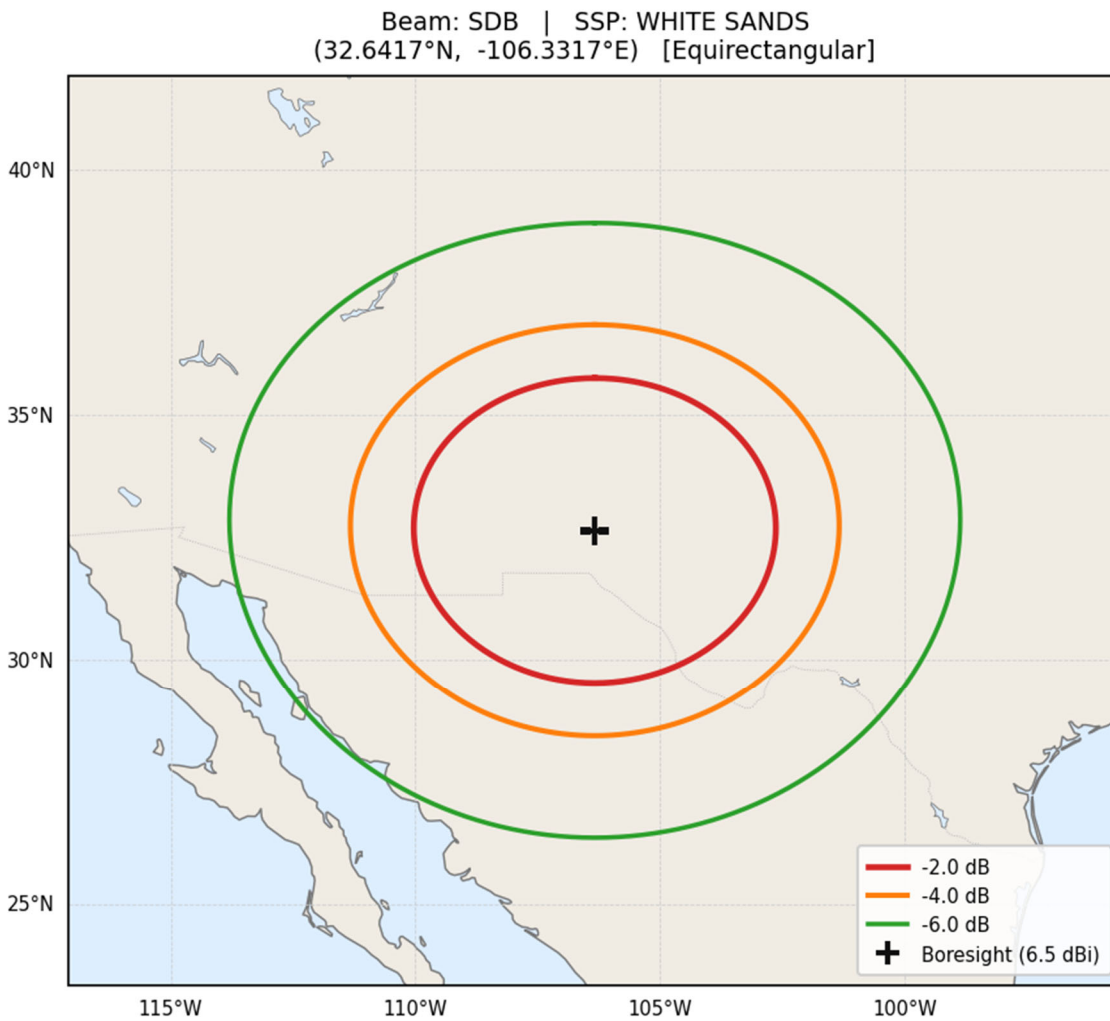


Figure 9. SDB Antenna Beam Projection over WHITE SANDS from Orbit altitude of 450 km

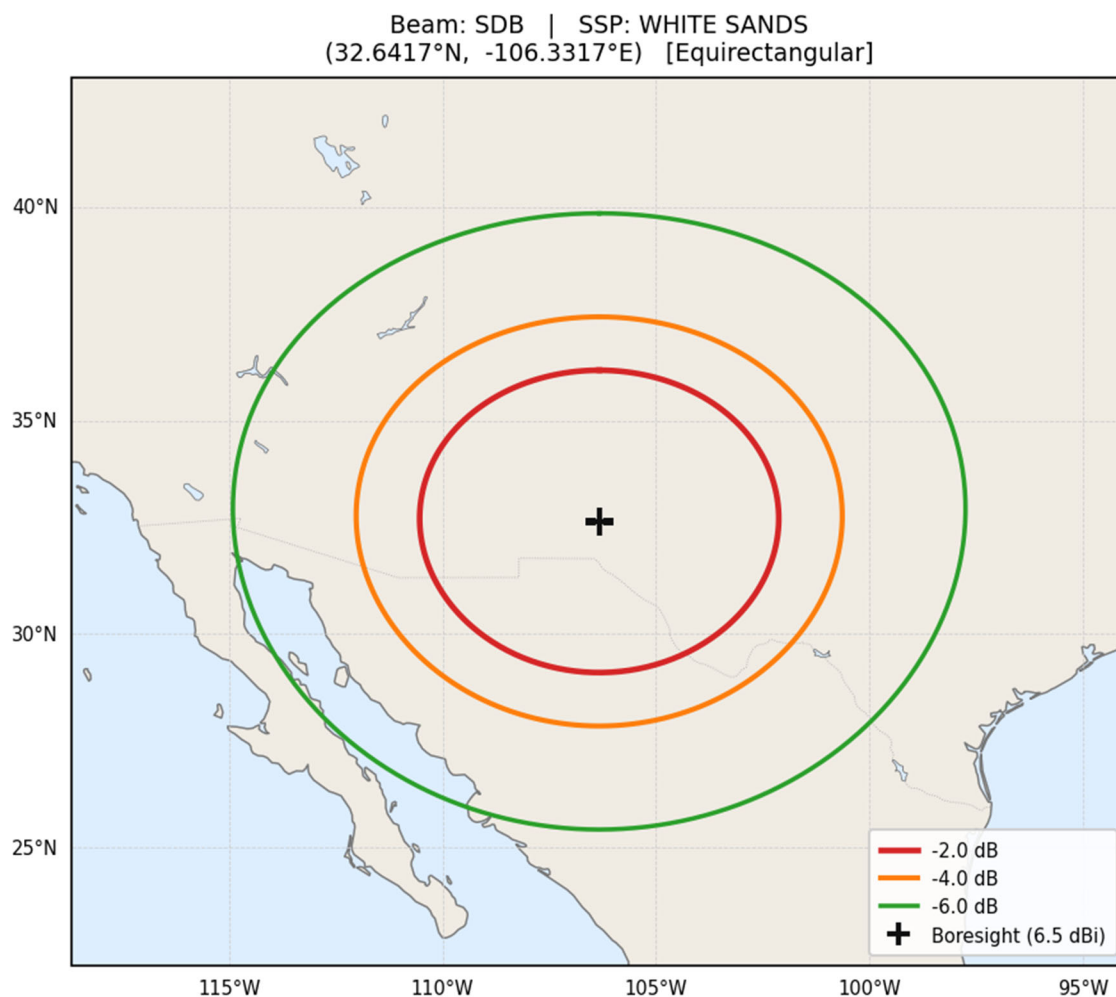


Figure 10. SDB Antenna Beam Projection over WHITE SANDS from Orbit altitude of 510 km

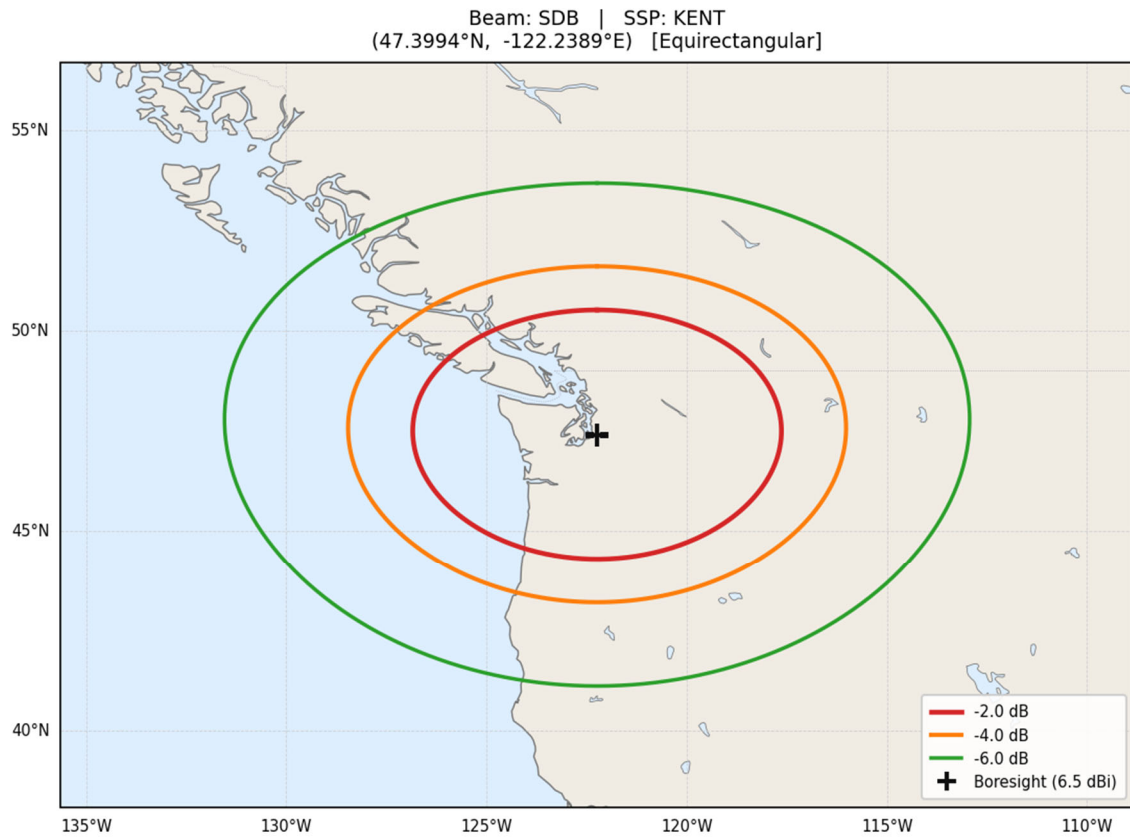


Figure 11. SDB Antenna Beam Projection over KENT from Orbit altitude of 450 km

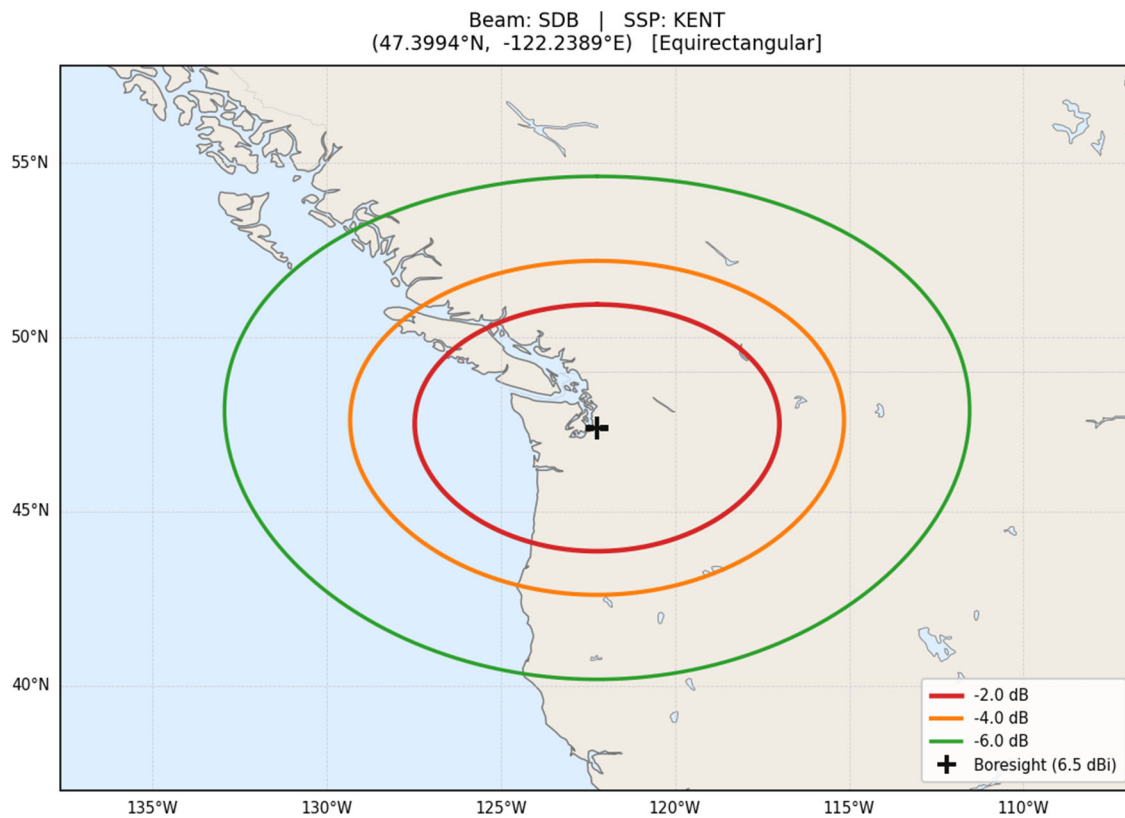


Figure 12. SDB Antenna Beam Projection over KENT from Orbit altitude of 510 km

Beam: SUA | SSP: BLONDUOS
(65.6475°N, -20.2461°E) [Azimuthal Equidistant]

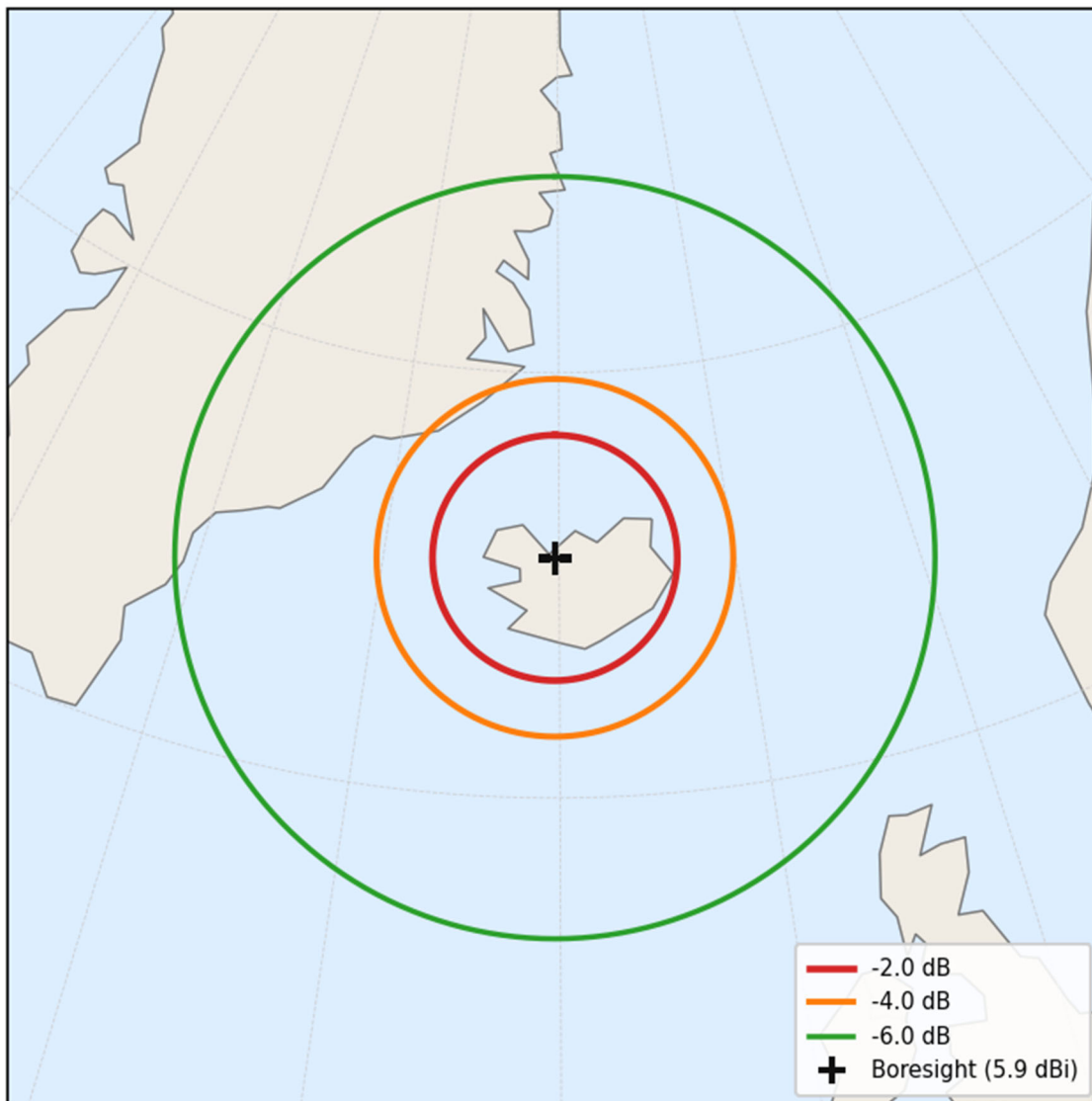


Figure 13. SUA Antenna Beam Projection over BLONDUOS from Orbit altitude of 450 km

Beam: SUA | SSP: BLONDUOS
(65.6475°N, -20.2461°E) [Azimuthal Equidistant]

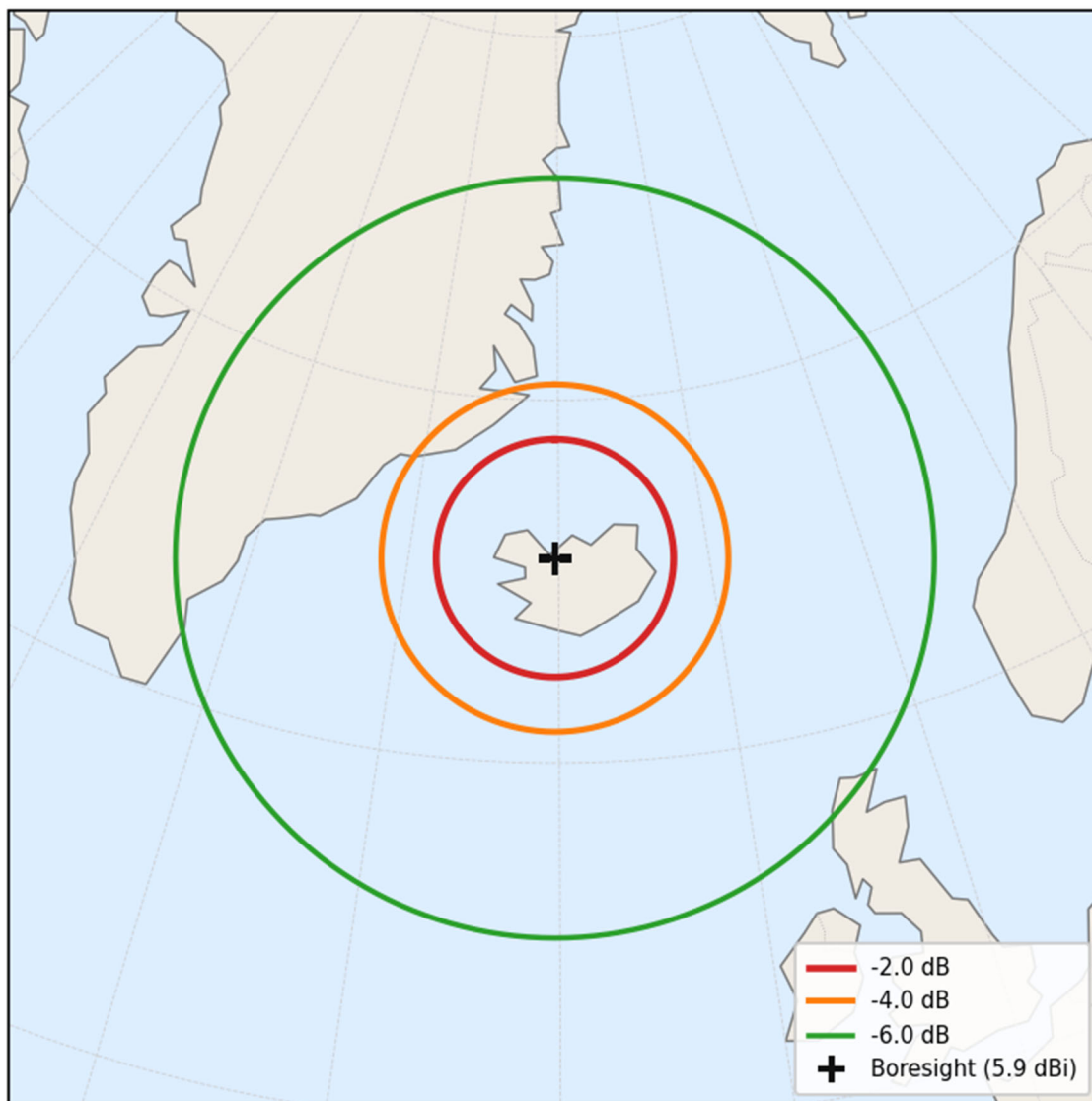


Figure 14. SUA Antenna Beam Projection over BLONDUOS from Orbit altitude of 510 km



Figure 15. SUA Antenna Beam Projection over LA PAZ from Orbit altitude of 450 km

Beam: SUA | SSP: LA PAZ
(24.0994°N, -110.3861°E) [Equirectangular]

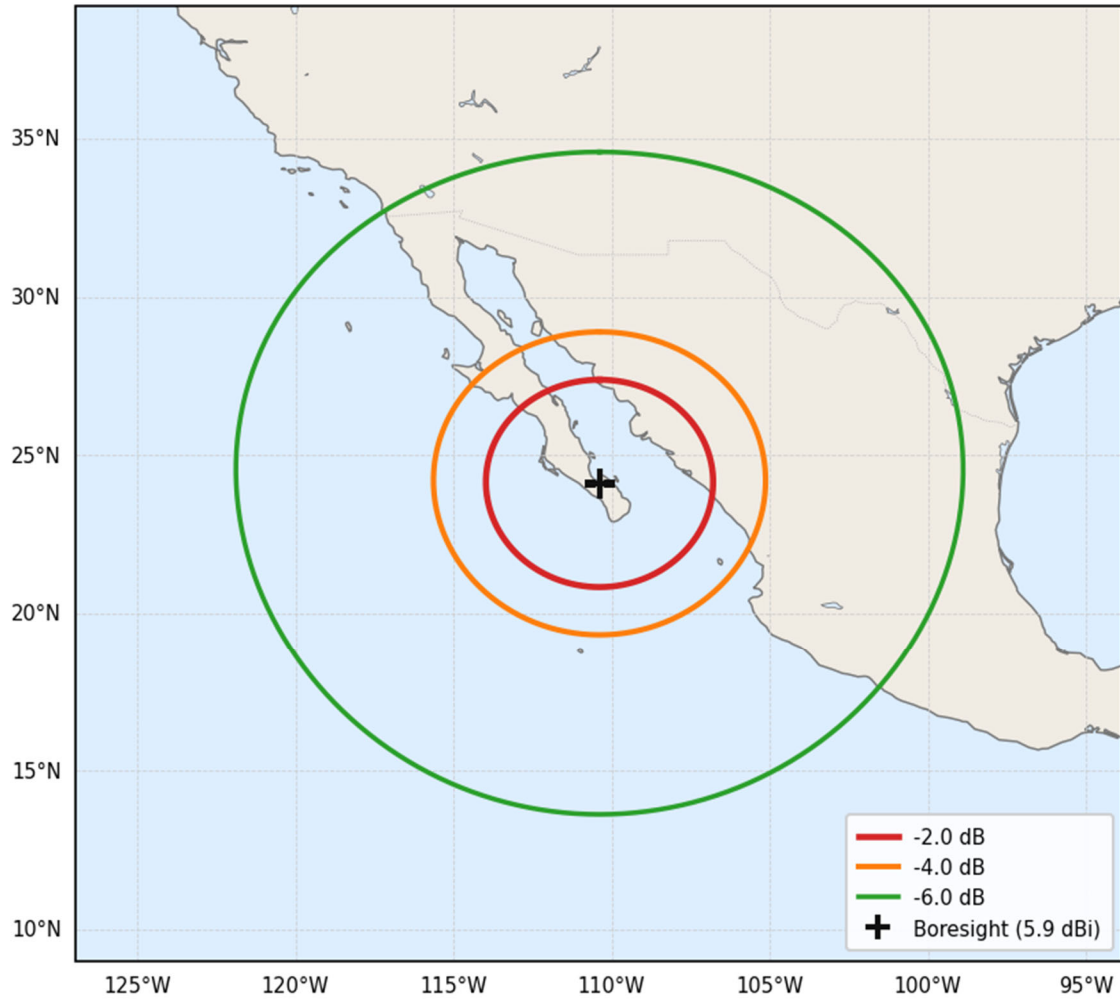


Figure 16. SUA Antenna Beam Projection over LA PAZ from Orbit altitude of 510 km

SUB

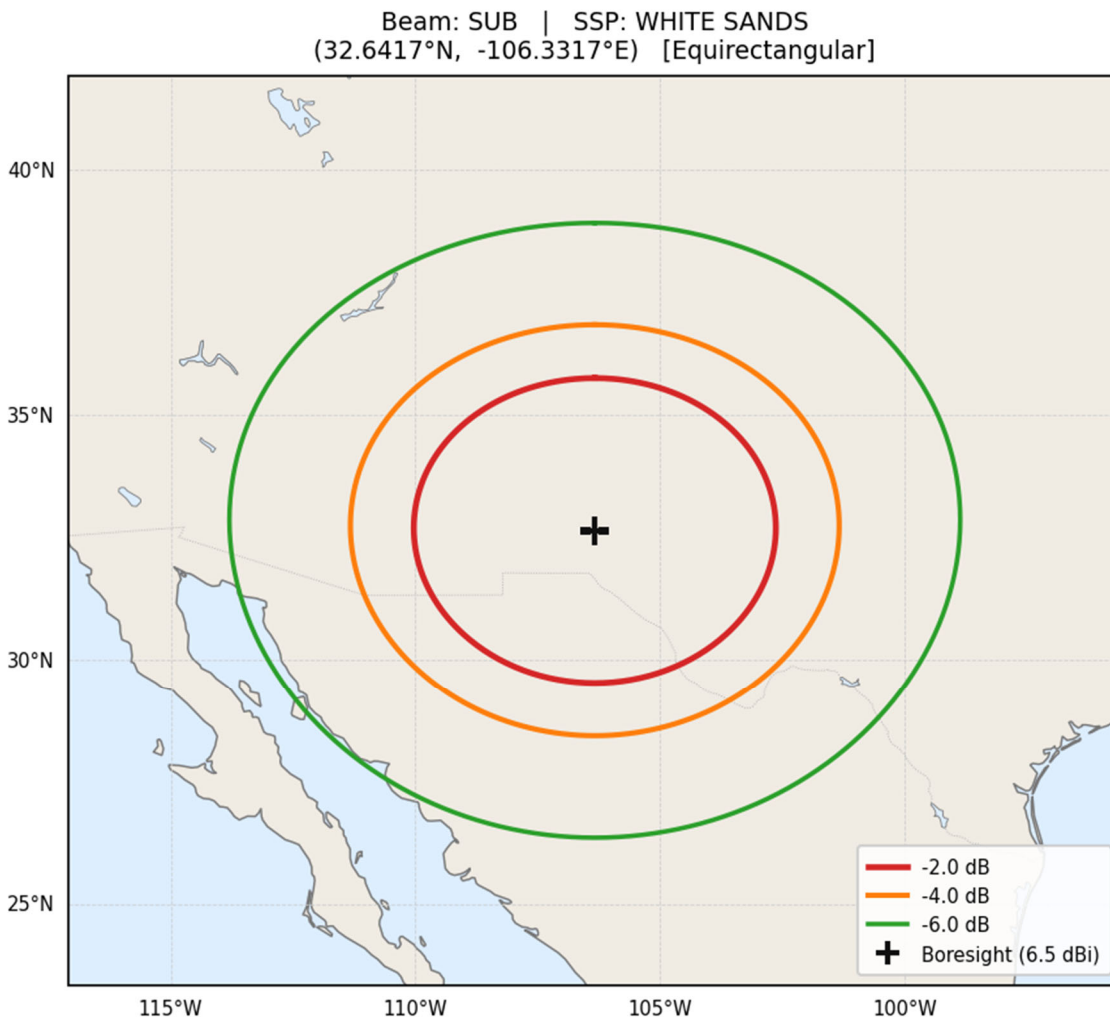


Figure 17. SUB Antenna Beam Projection over WHITE SANDS from Orbit altitude of 450 km

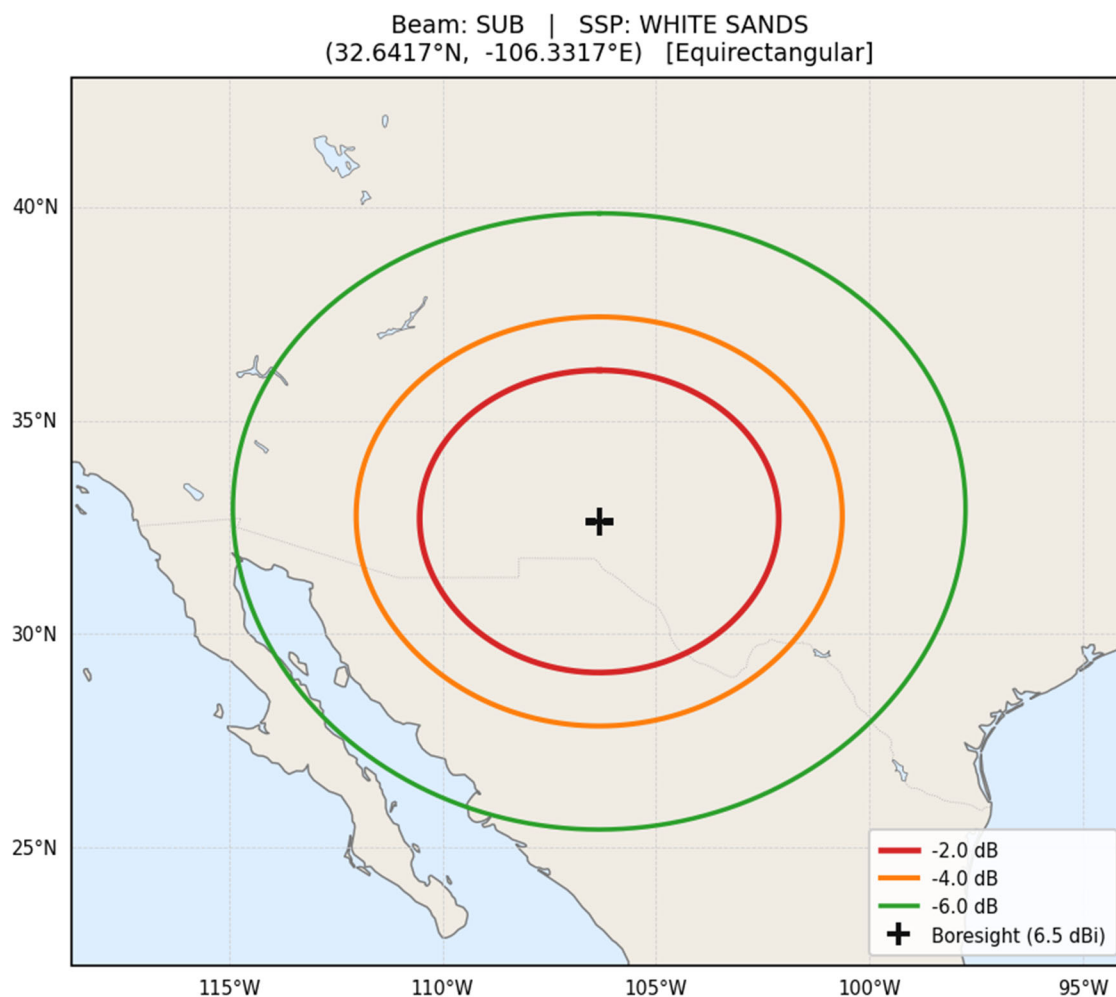


Figure 18. SUB Antenna Beam Projection over WHITE SANDS from Orbit altitude of 510 km

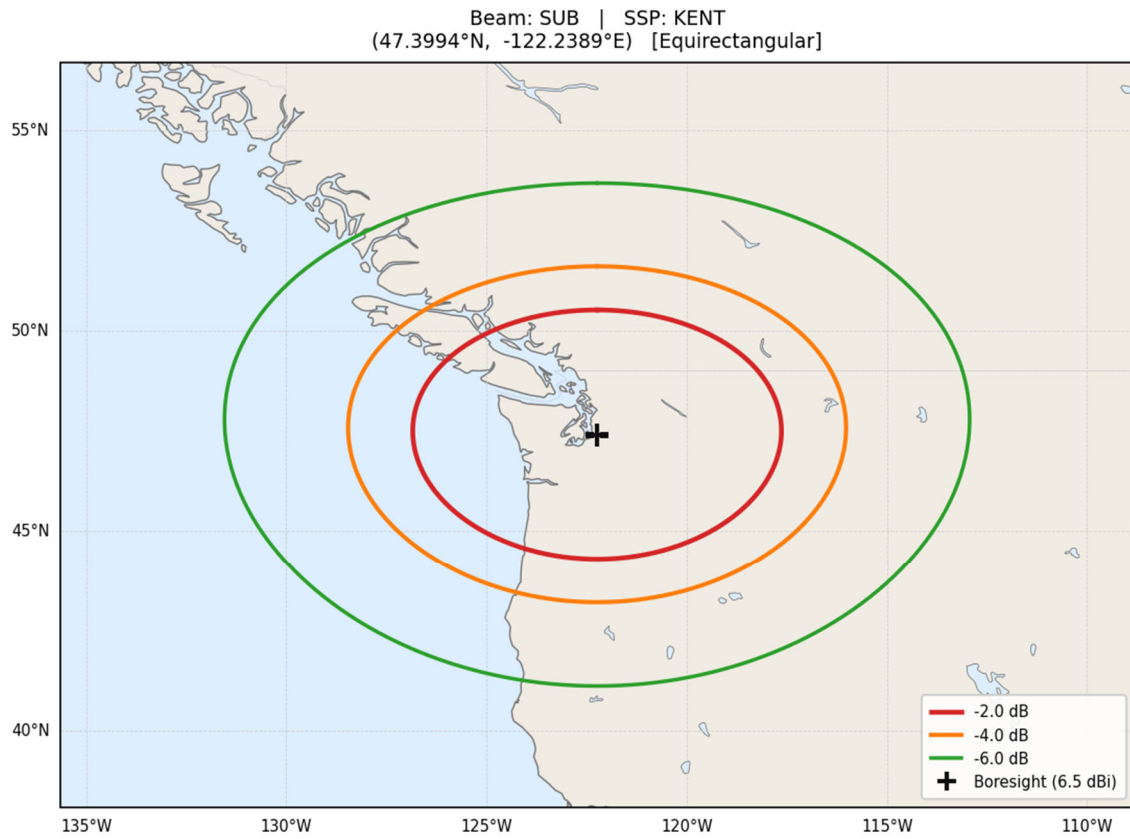


Figure 19. SUB Antenna Beam Projection over KENT from Orbit altitude of 450 km

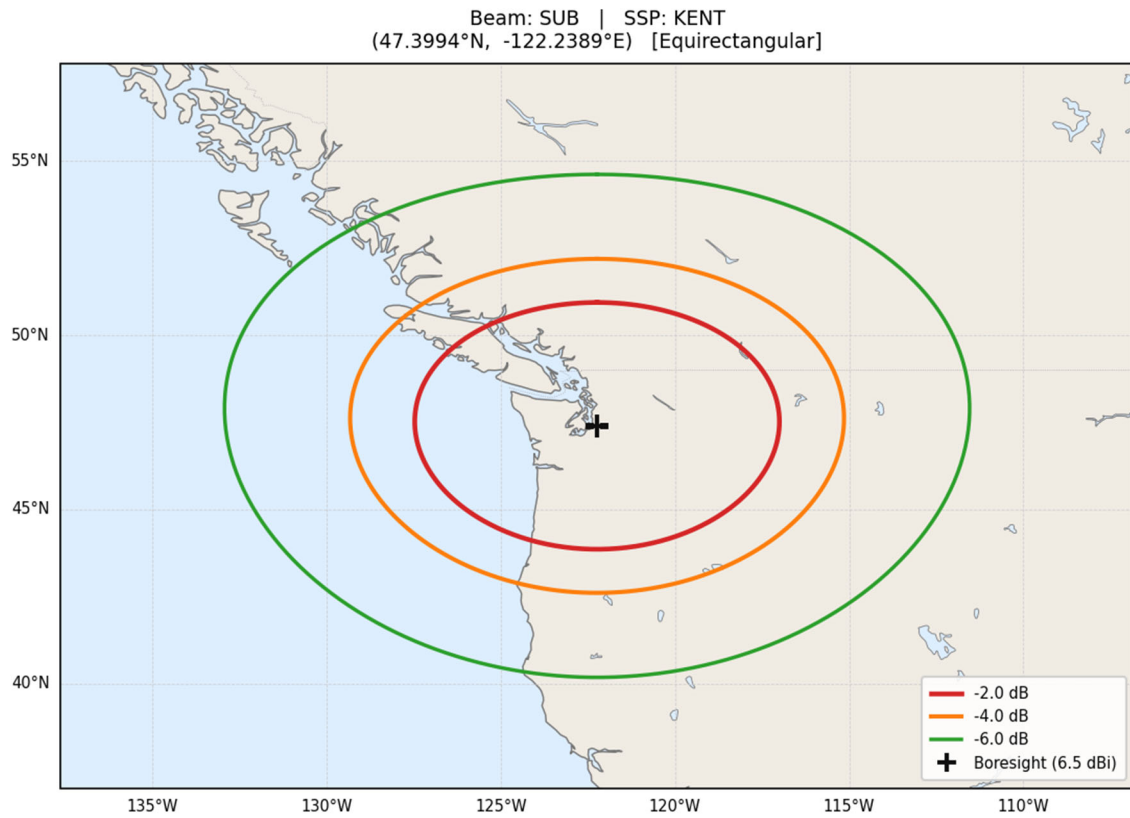


Figure 20. SUB Antenna Beam Projection over KENT from Orbit altitude of 510 km

Beam: XTX | SSP: BLONDUOS
(65.6475°N, -20.2461°E) [Azimuthal Equidistant]

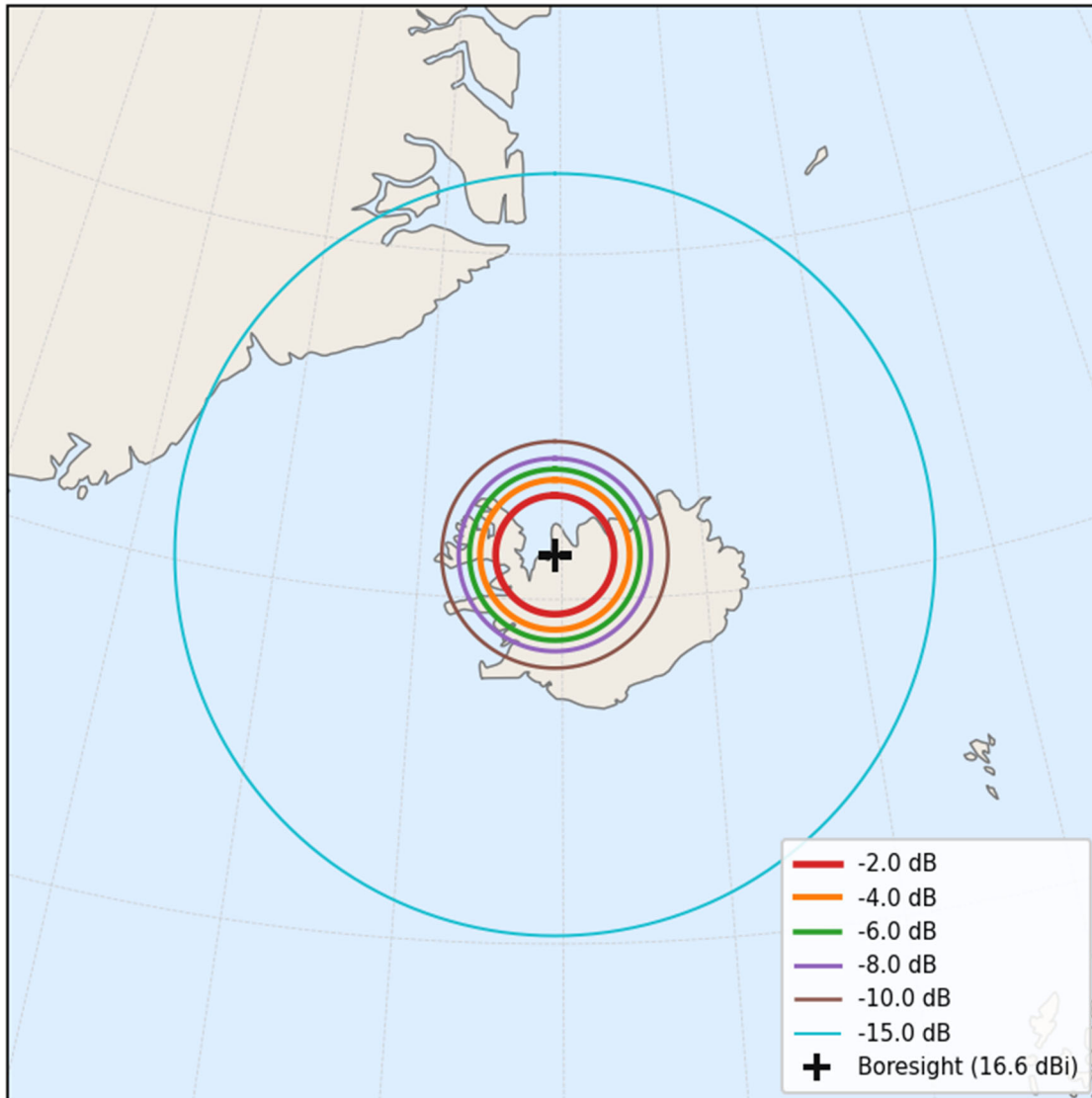


Figure 21. XTX Antenna Beam Projection over BLONDUOS from Orbit altitude of 450 km

Beam: XTX | SSP: BLONDUOS
(65.6475°N, -20.2461°E) [Azimuthal Equidistant]

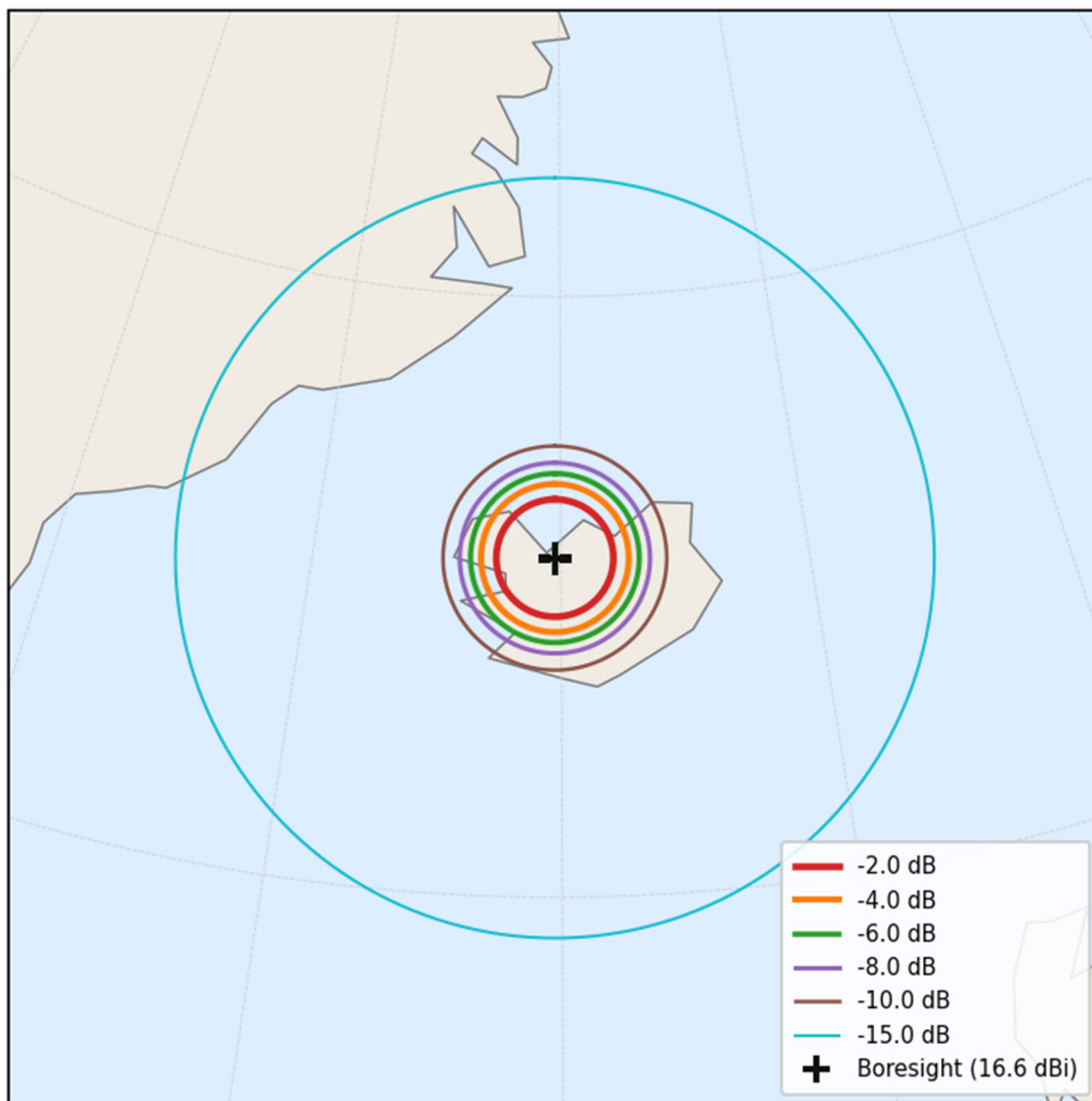


Figure 22. XTX Antenna Beam Projection over BLONDUOS from Orbit altitude of 510 km

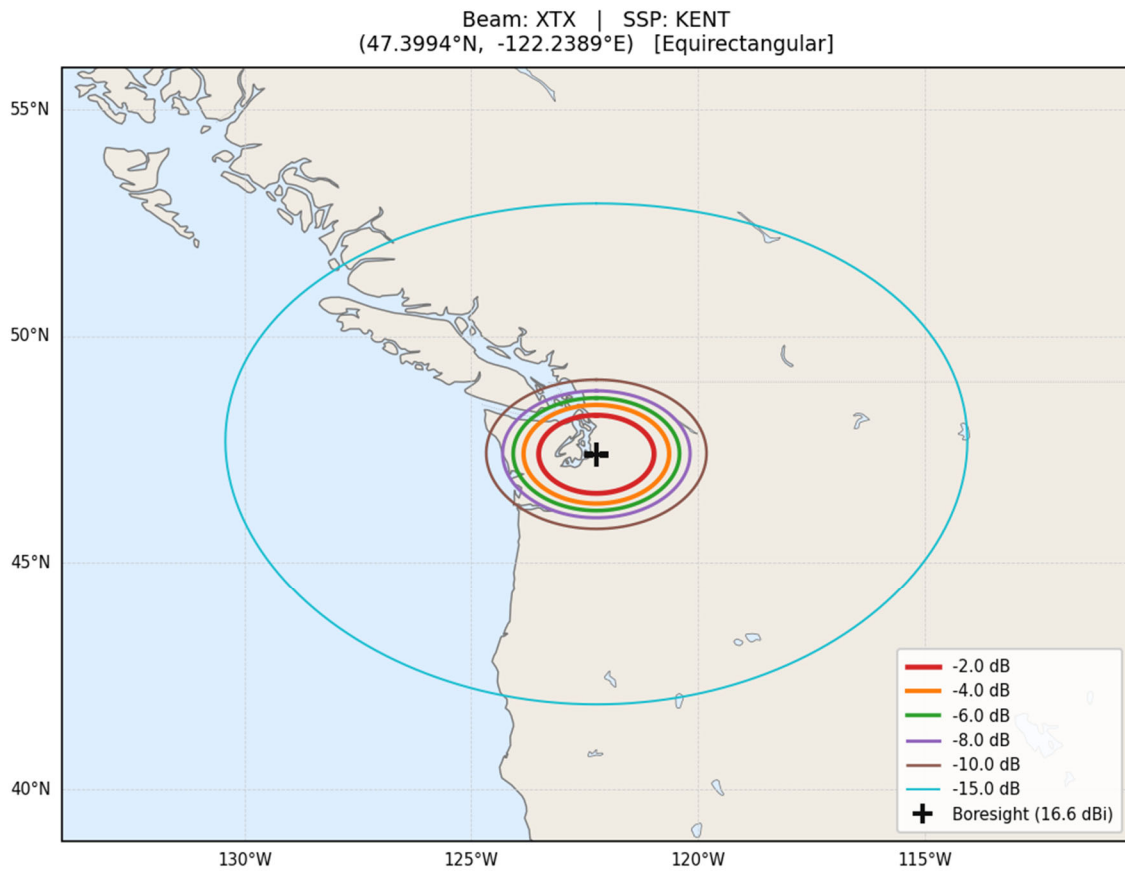


Figure 23. XTX Antenna Beam Projection over KENT from Orbit altitude of 450 km

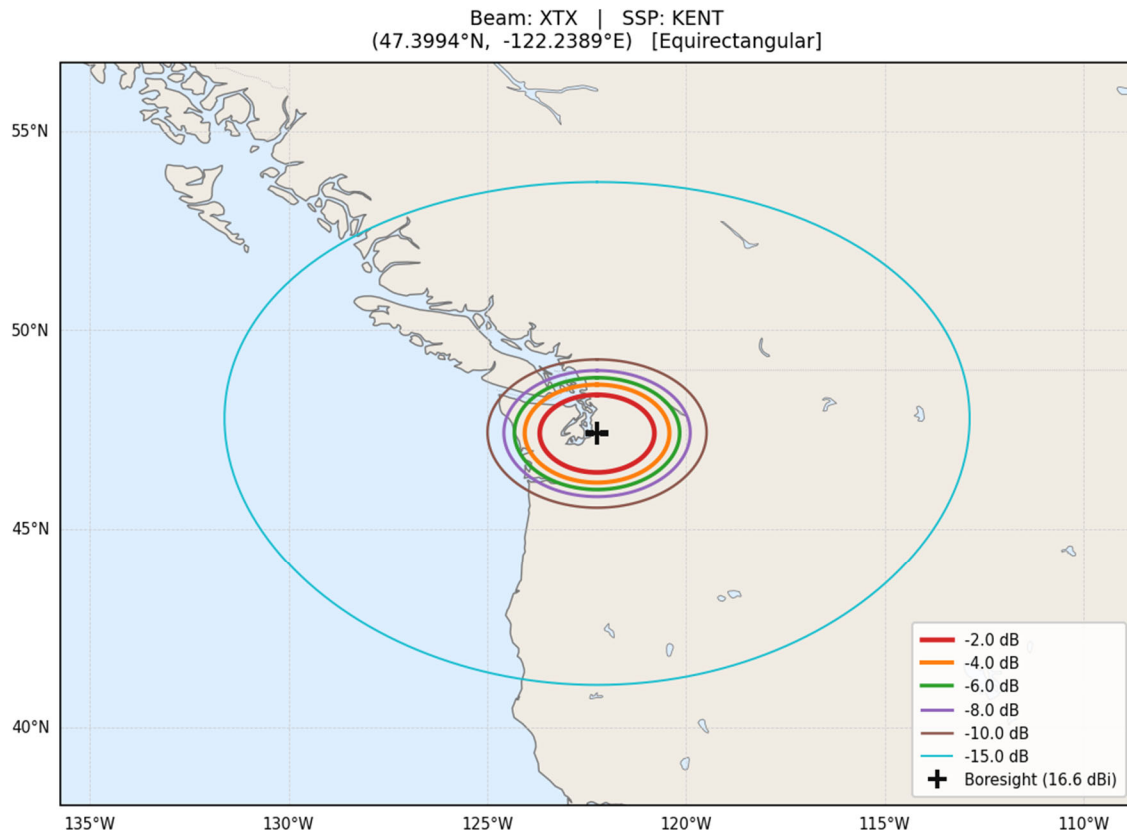


Figure 24. XTX Antenna Beam Projection over KENT from Orbit altitude of 510 km

Beam: XTX | SSP: LA PAZ
(24.0994°N, -110.3861°E) [Equirectangular]

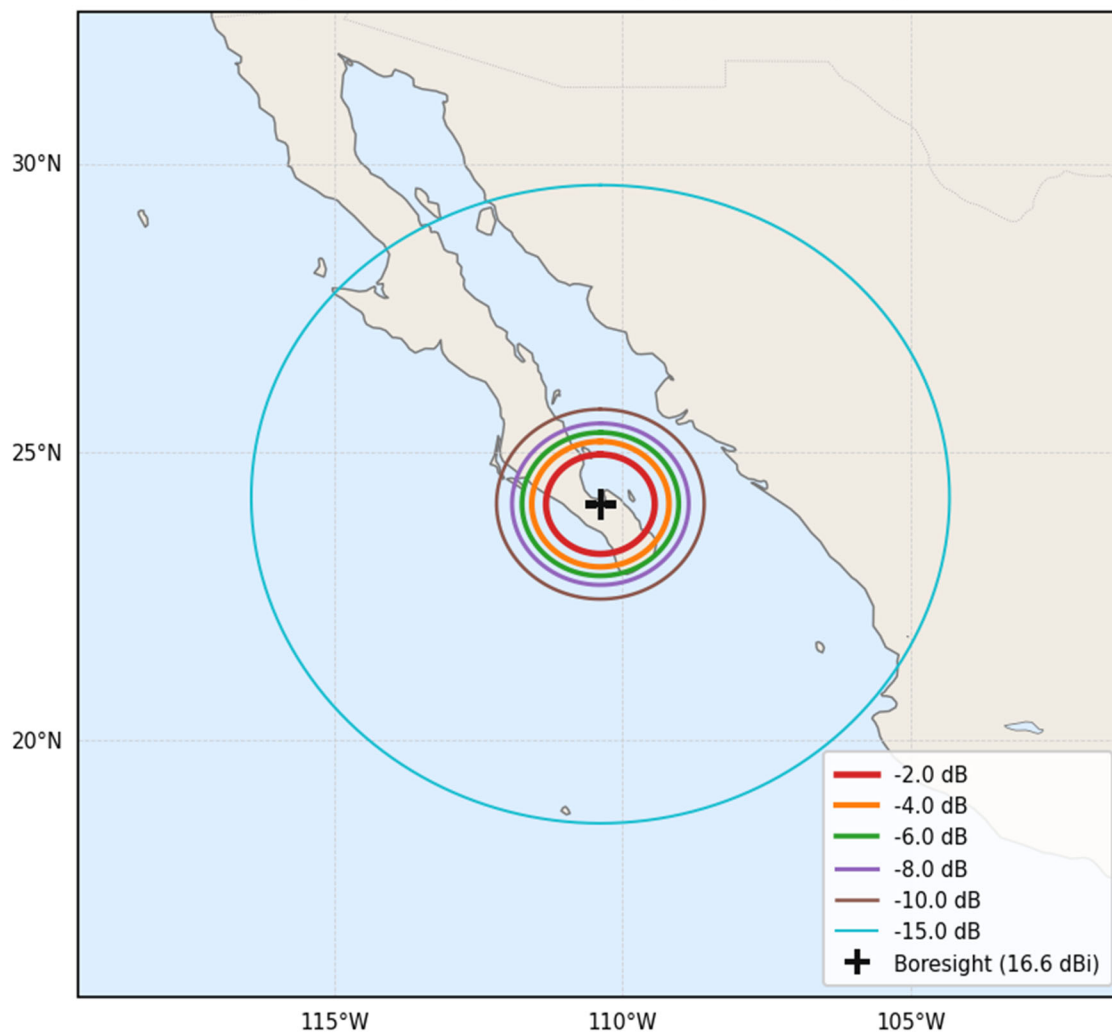


Figure 25. XTX Antenna Beam Projection over LA PAZ from Orbit altitude of 450 km



Figure 26. XTX Antenna Beam Projection over LA PAZ from Orbit altitude of 510 km