## Antenna Gain Contours for Beams GU5A, GU5B, GU6A, GU6B

latitude and longitude within the proposed service area. Contours are at -2 dB, -4 dB, -6 dB, -8 dB, -10 dB, -15 dB and -20 dB relative to beam peak. Axes are plotted in azimuth (east-west) and elevation (north-south). 10 9 8 7 6 5 4 3 000 2 10 Ξ Elevation (deg) 1 100 0 .10 -16.000 -2 000 -3 -4-5 -6 -7-8 -9 -10 -9 -8 -7 -6 -5 -4 -3 -2  $^{-1}$ 0 1 2 3 4 5 6 7 8 9 10 Azimuth (deg)

Contours are plotted on the surface of the Earth with the peak antenna gain pointed at nadir to a