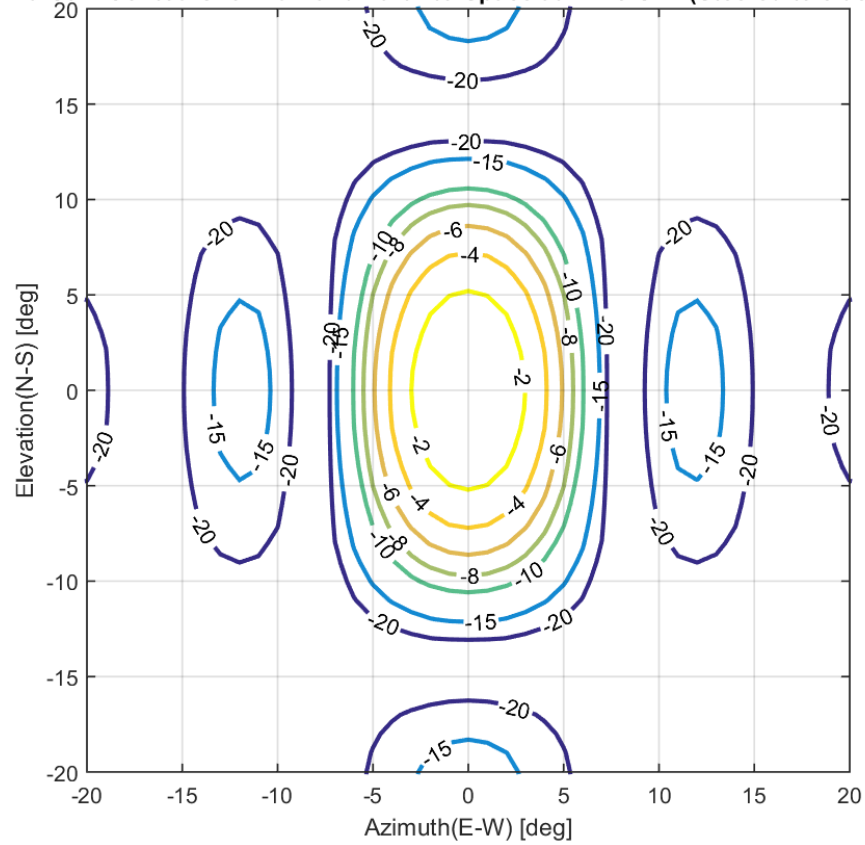
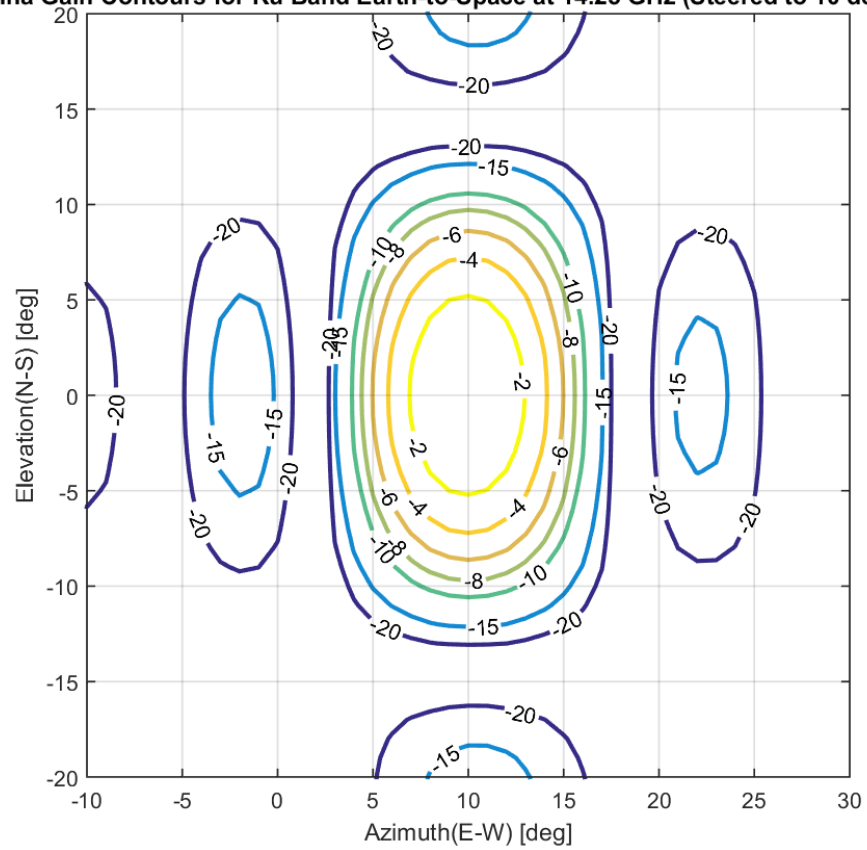


Gain Contours for User Terminal Uplink (14 GHz)

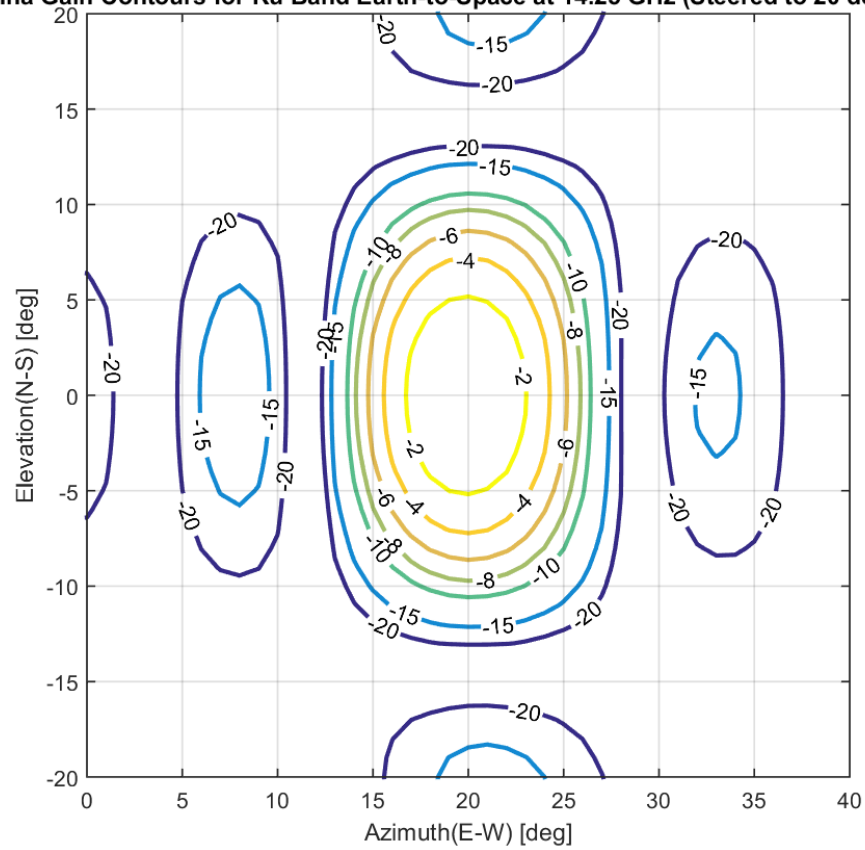
Antenna Gain Contours for Ku Band Earth-to-Space at 14.25 GHz (Steered to 0 deg Azimuth)



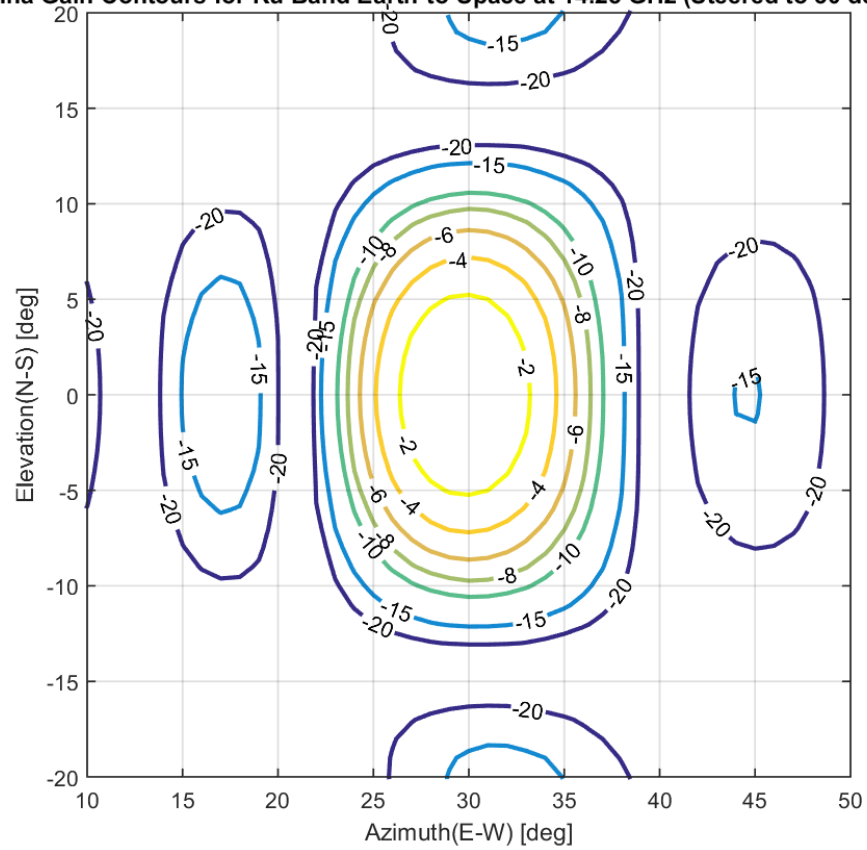
Antenna Gain Contours for Ku Band Earth-to-Space at 14.25 GHz (Steered to 10 deg Azimuth)



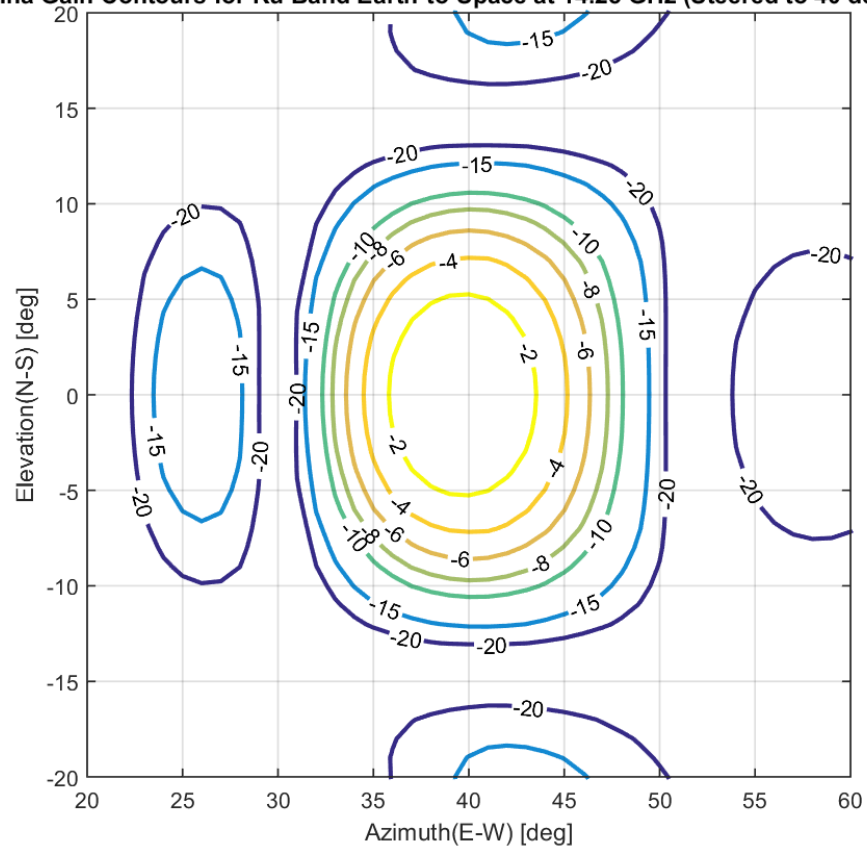
Antenna Gain Contours for Ku Band Earth-to-Space at 14.25 GHz (Steered to 20 deg Azimuth)



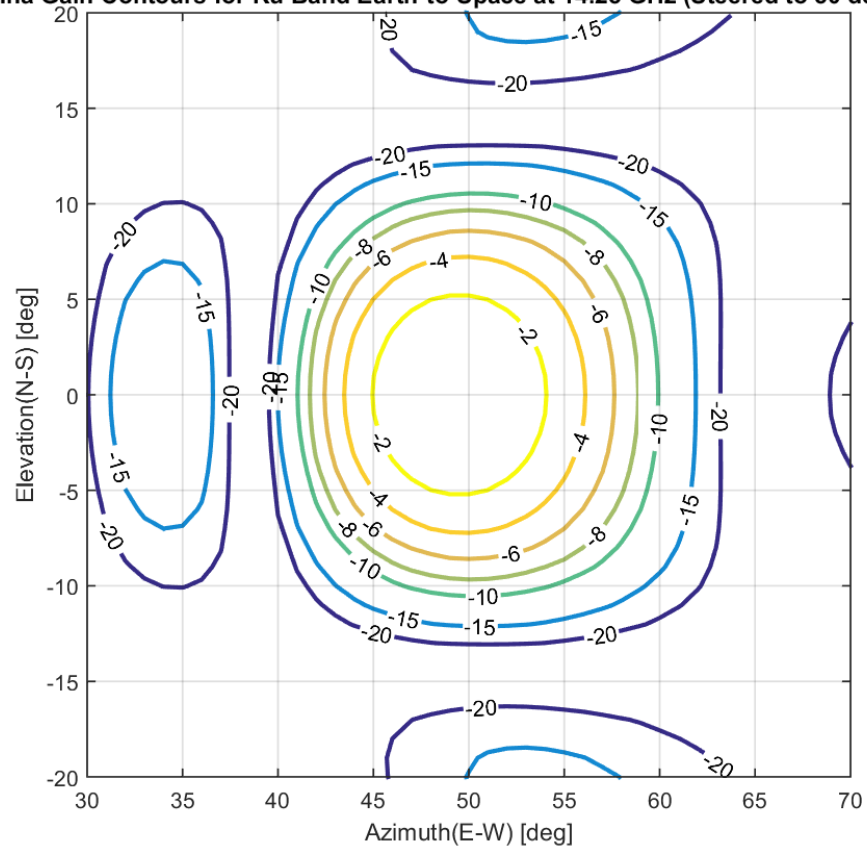
Antenna Gain Contours for Ku Band Earth-to-Space at 14.25 GHz (Steered to 30 deg Azimuth)



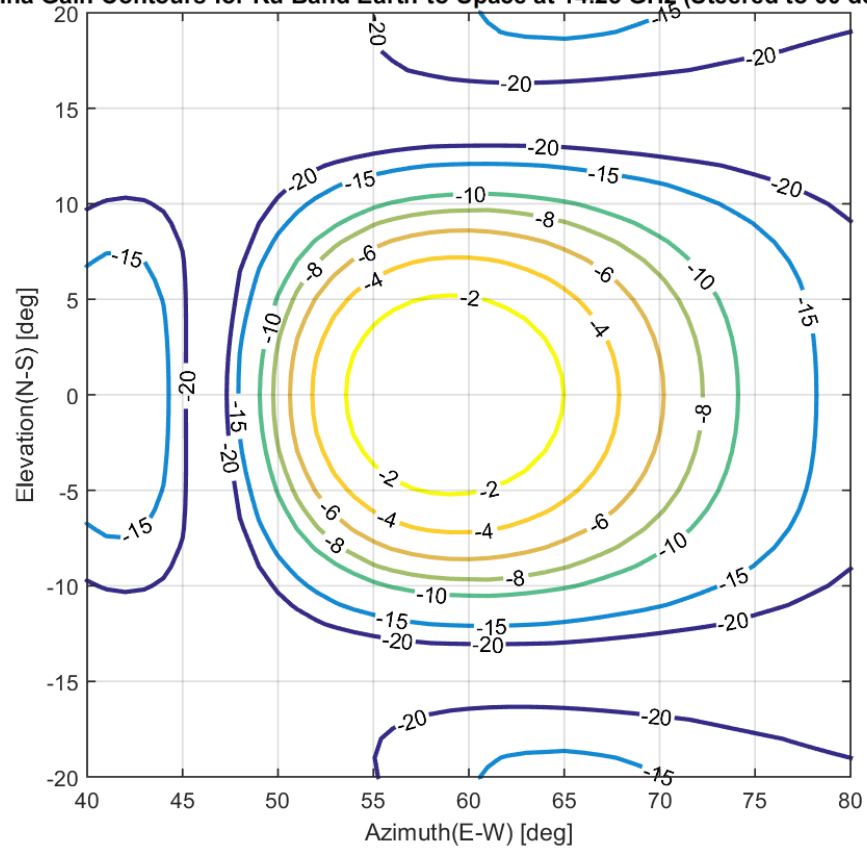
Antenna Gain Contours for Ku Band Earth-to-Space at 14.25 GHz (Steered to 40 deg Azimuth)



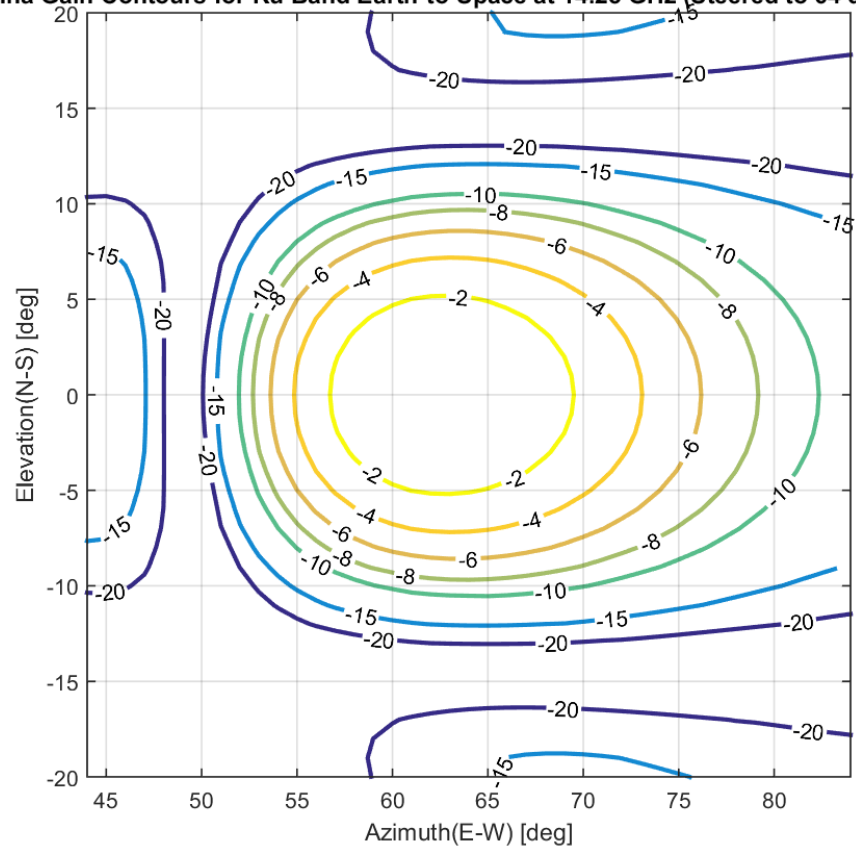
Antenna Gain Contours for Ku Band Earth-to-Space at 14.25 GHz (Steered to 50 deg Azimuth)



Antenna Gain Contours for Ku Band Earth-to-Space at 14.25 GHz (Steered to 60 deg Azimuth)

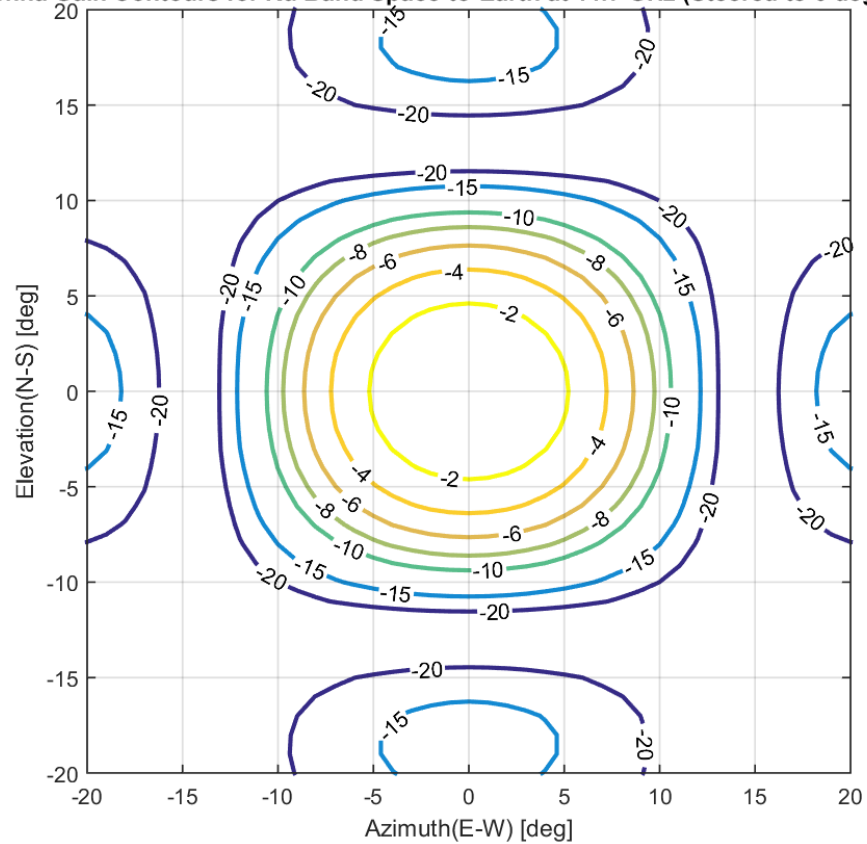


Antenna Gain Contours for Ku Band Earth-to-Space at 14.25 GHz (Steered to 64 deg Azimuth)

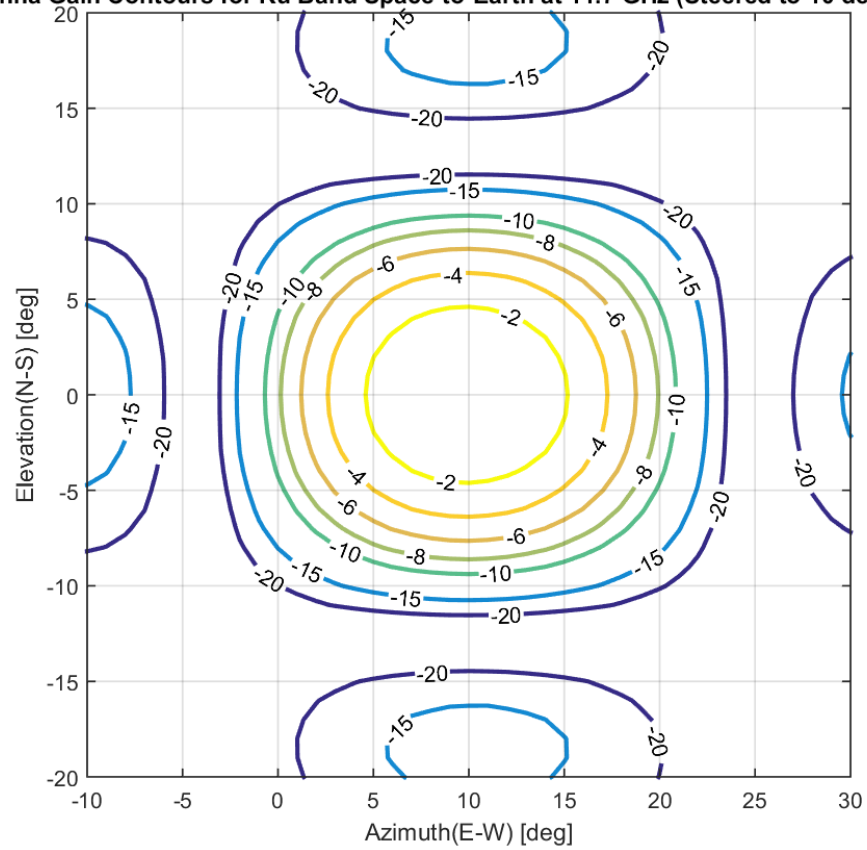


Gain Contours for Satellite Downlink (11 GHz)

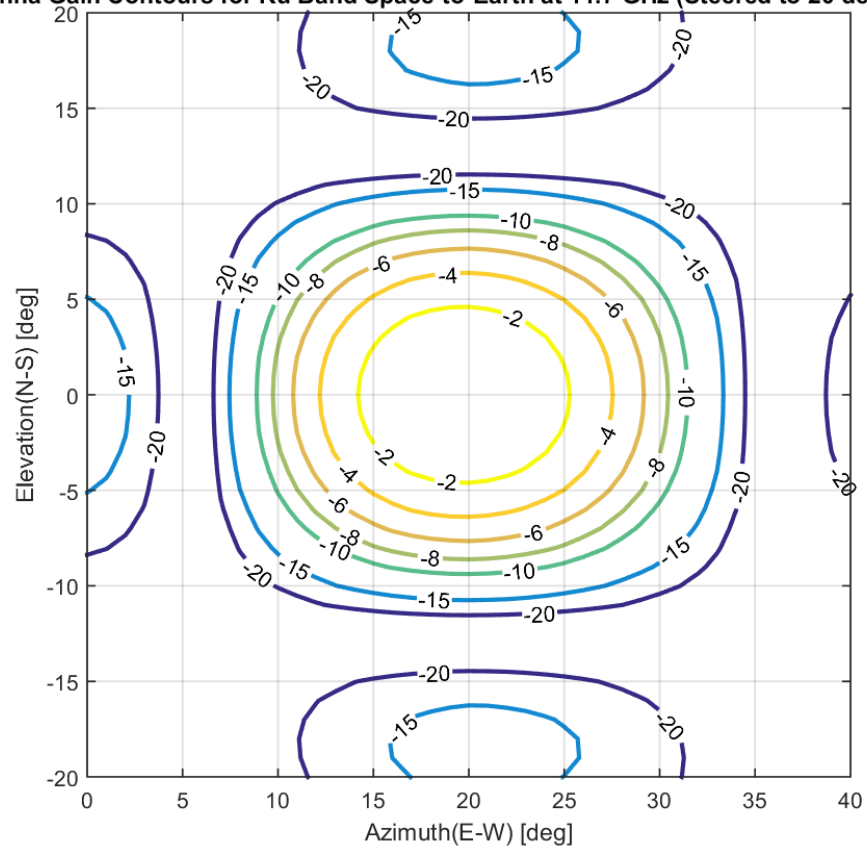
Antenna Gain Contours for Ku Band Space-to-Earth at 11.7 GHz (Steered to 0 deg Azimuth)



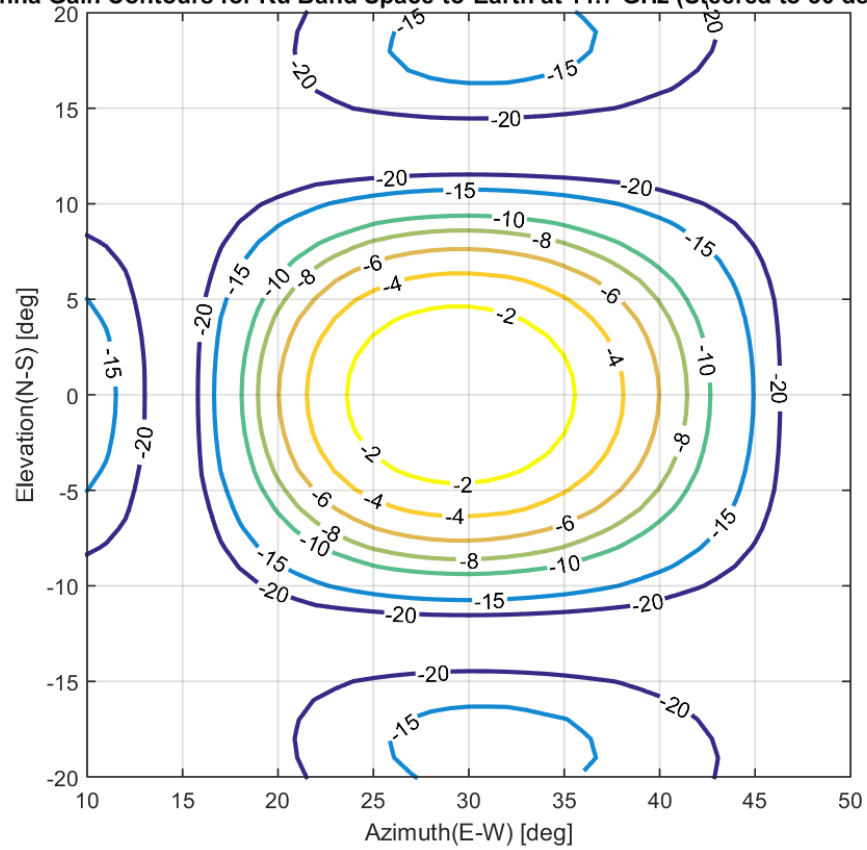
Antenna Gain Contours for Ku Band Space-to-Earth at 11.7 GHz (Steered to 10 deg Azimuth)



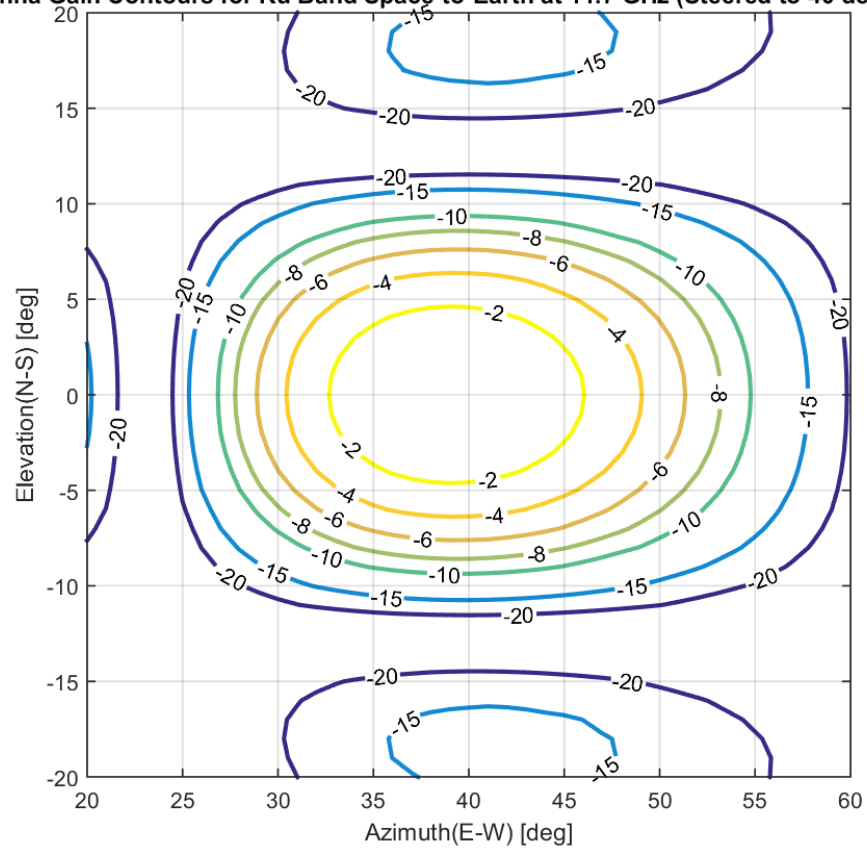
Antenna Gain Contours for Ku Band Space-to-Earth at 11.7 GHz (Steered to 20 deg Azimuth)



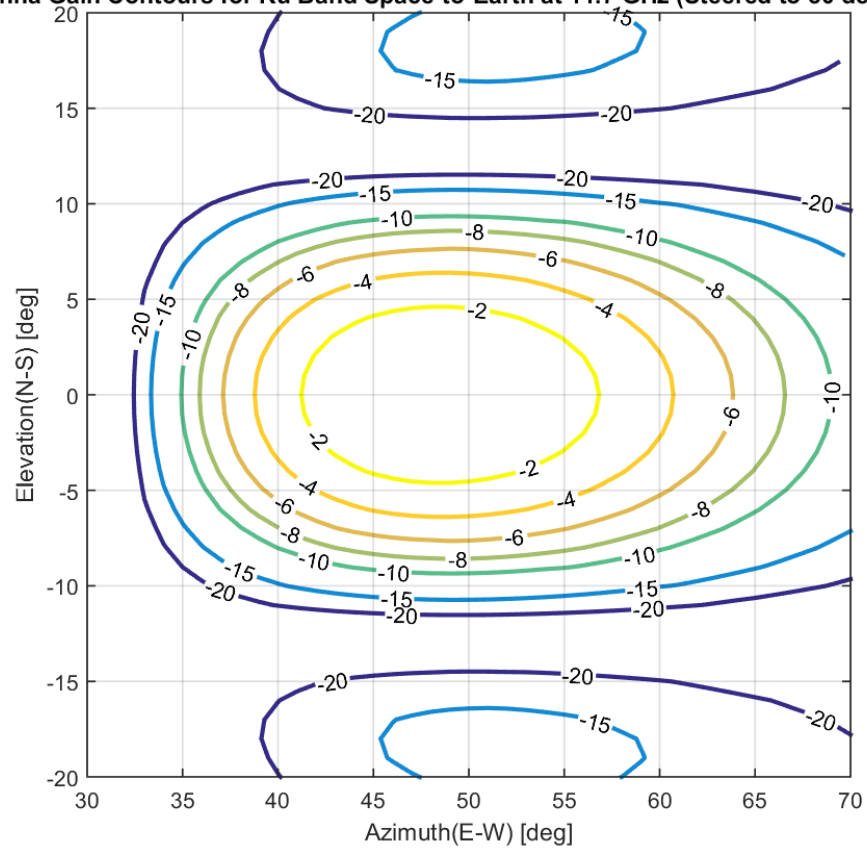
Antenna Gain Contours for Ku Band Space-to-Earth at 11.7 GHz (Steered to 30 deg Azimuth)



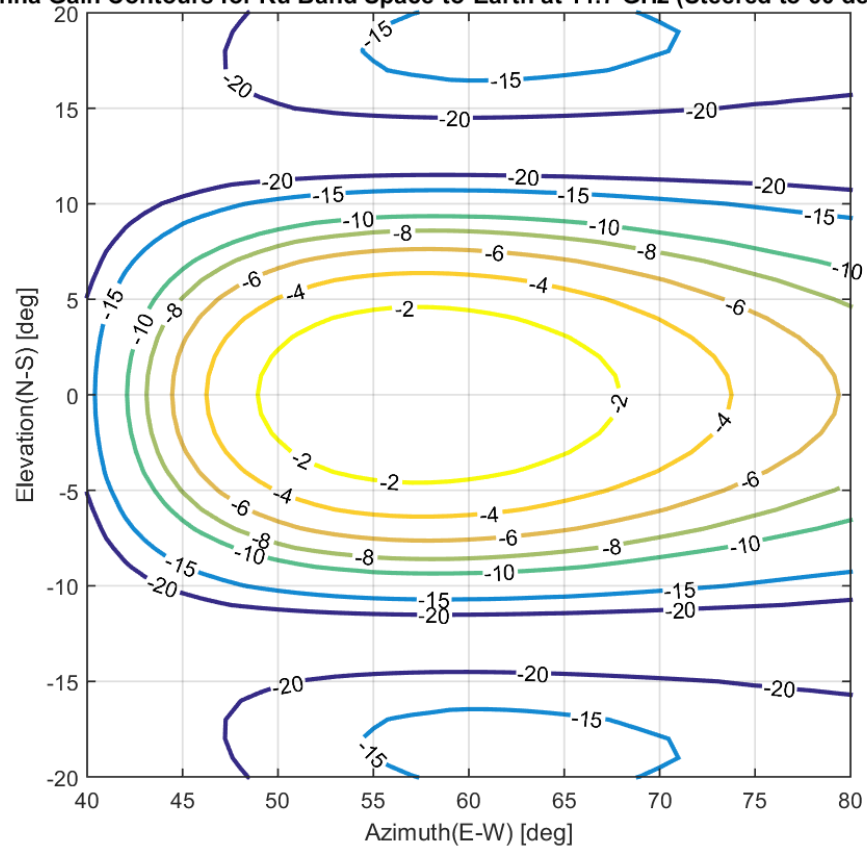
Antenna Gain Contours for Ku Band Space-to-Earth at 11.7 GHz (Steered to 40 deg Azimuth)



Antenna Gain Contours for Ku Band Space-to-Earth at 11.7 GHz (Steered to 50 deg Azimuth)



Antenna Gain Contours for Ku Band Space-to-Earth at 11.7 GHz (Steered to 60 deg Azimuth)



Antenna Gain Contours for Ku Band Space-to-Earth at 11.7 GHz (Steered to 64 deg Azimuth)

