

Exhibit C: Antenna Beampatterns

SAR Antennas:

Patch Element Design

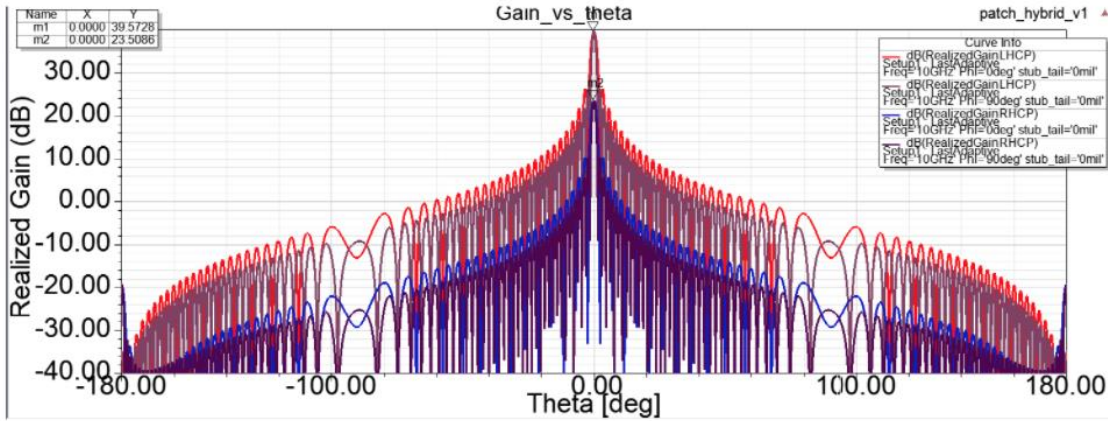


Figure 1: SAR Beampattern (long side)

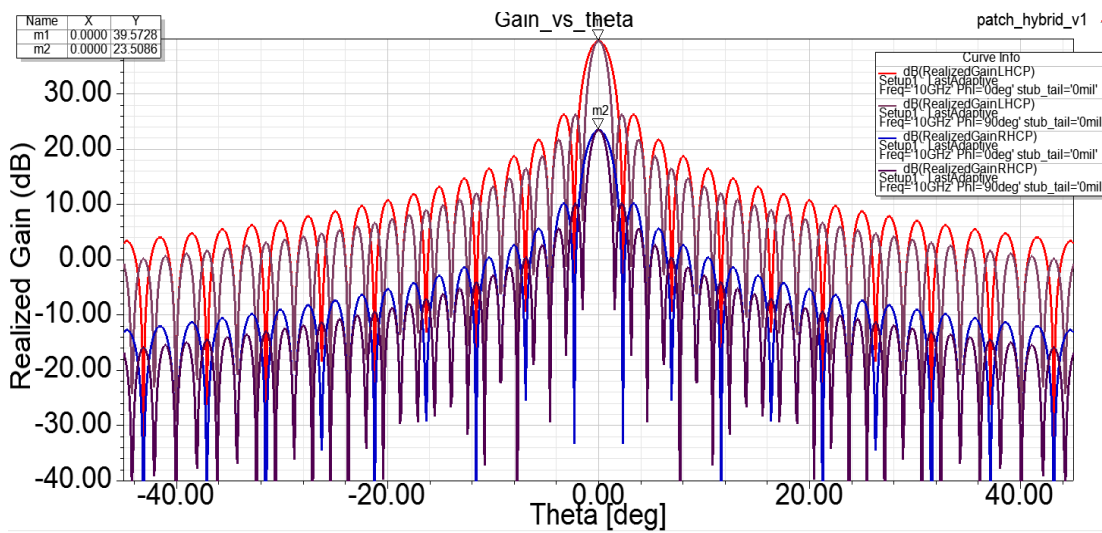
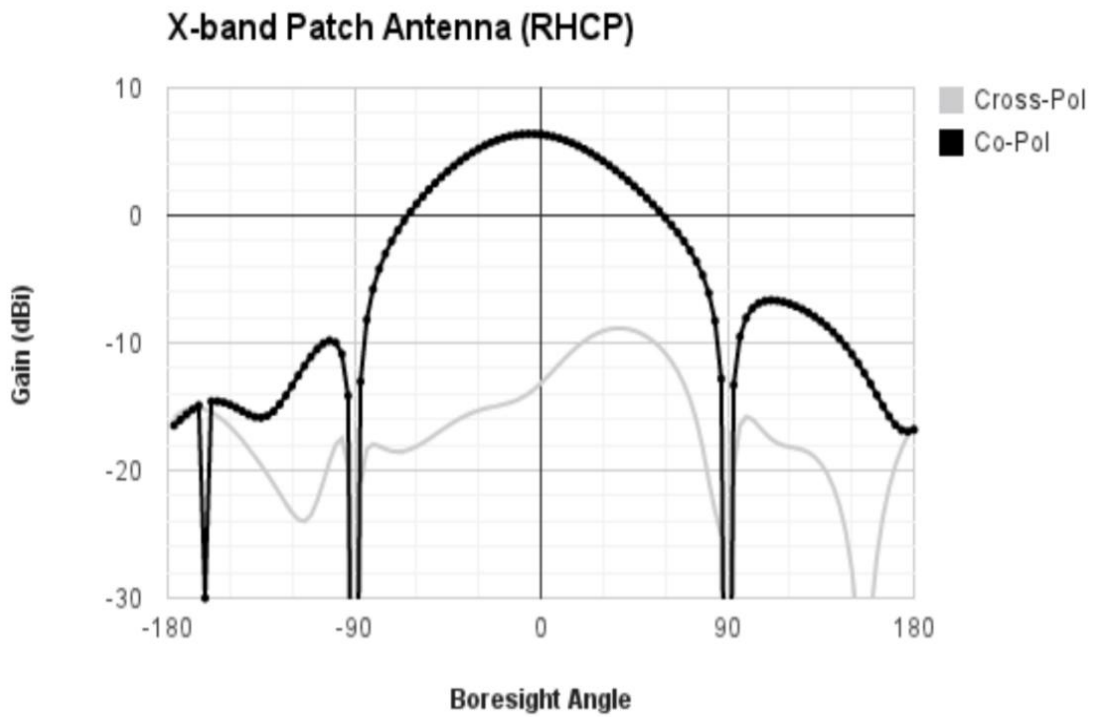
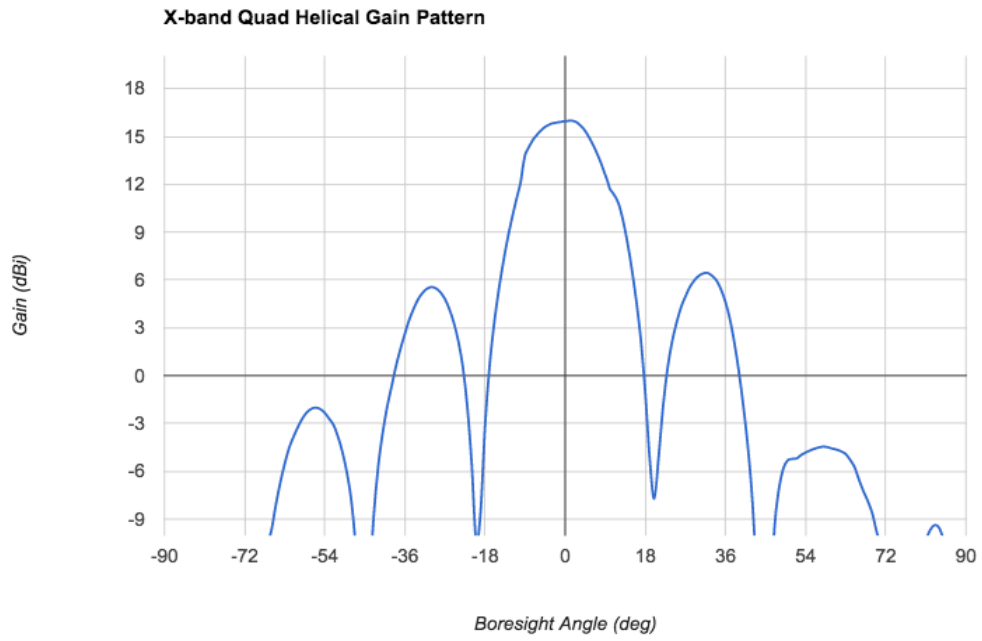


Figure 2: SAR beampattern (short side)

Communication Antennas:



S-Band Patch Horizontal Cut, Vertical Polarization

