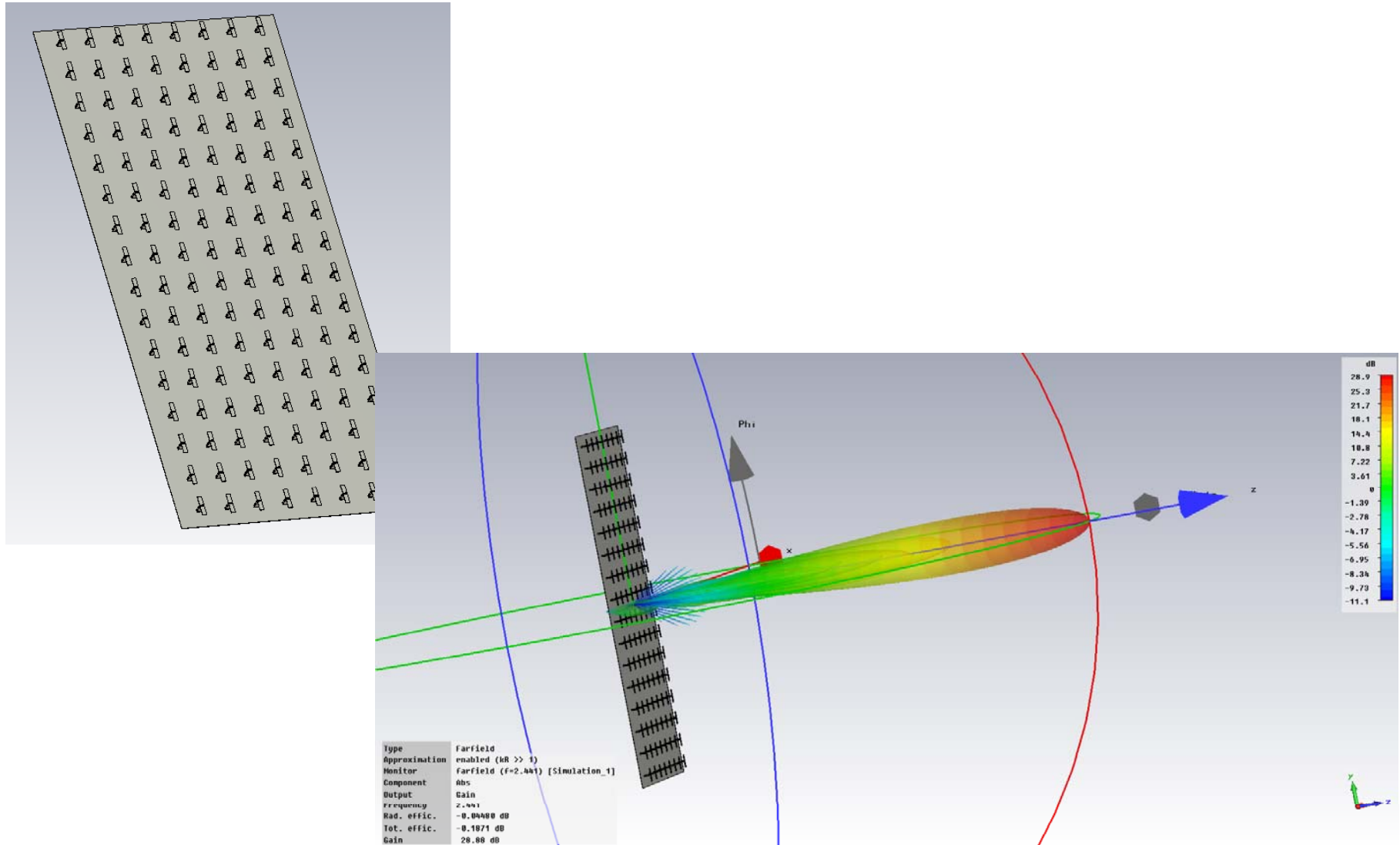


FCC STA Application Attachments Antenna Testing

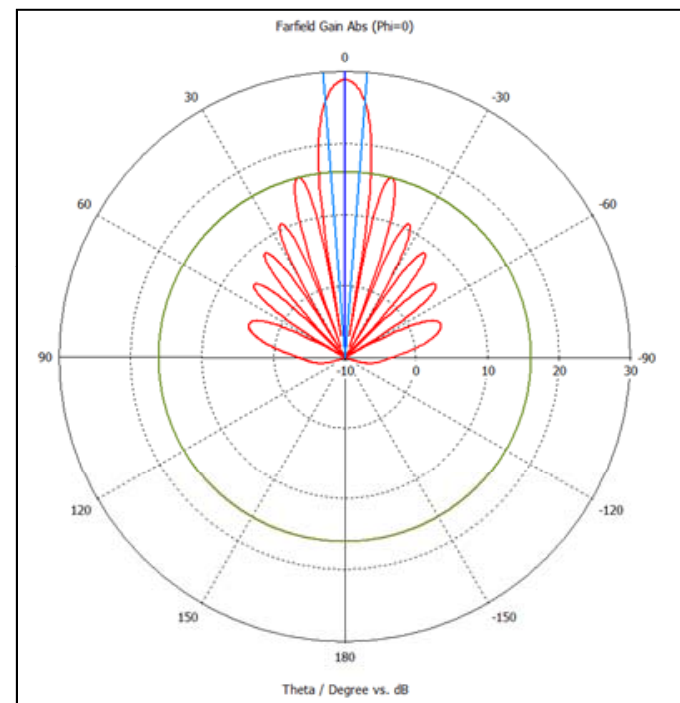
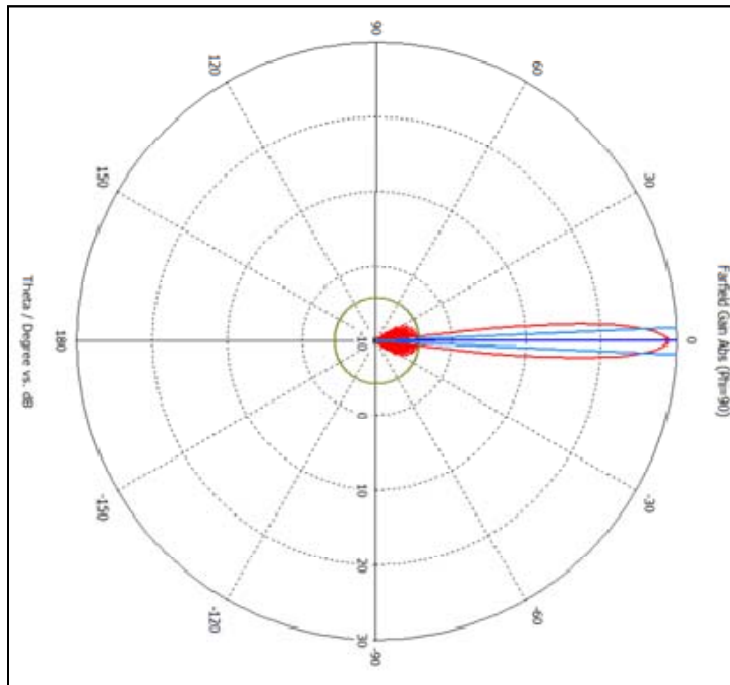
August 10 – September 30, 2014

Rev 1
Updated 2014-07-28

Ground Antenna Detail

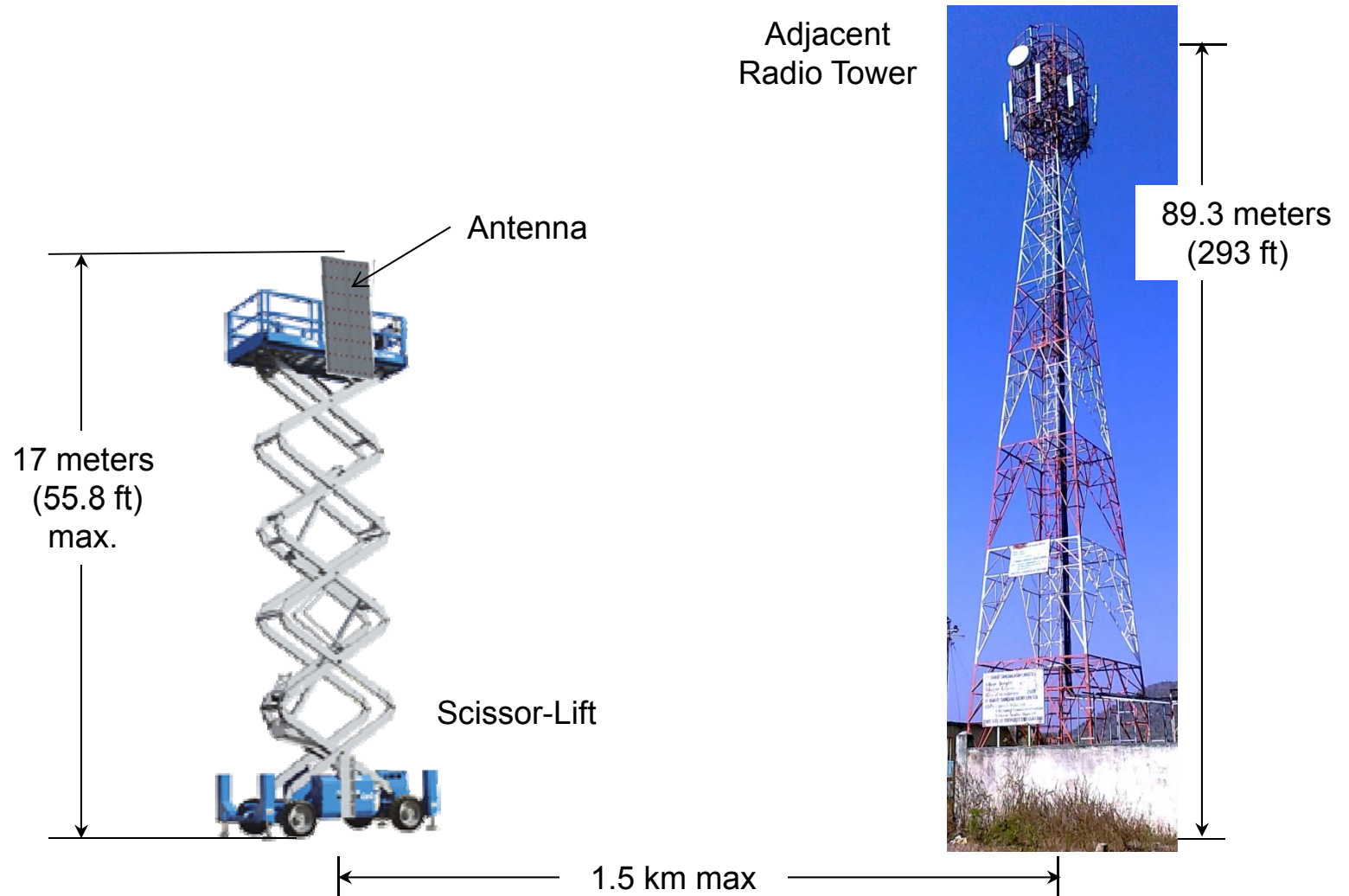


Azimuth pattern

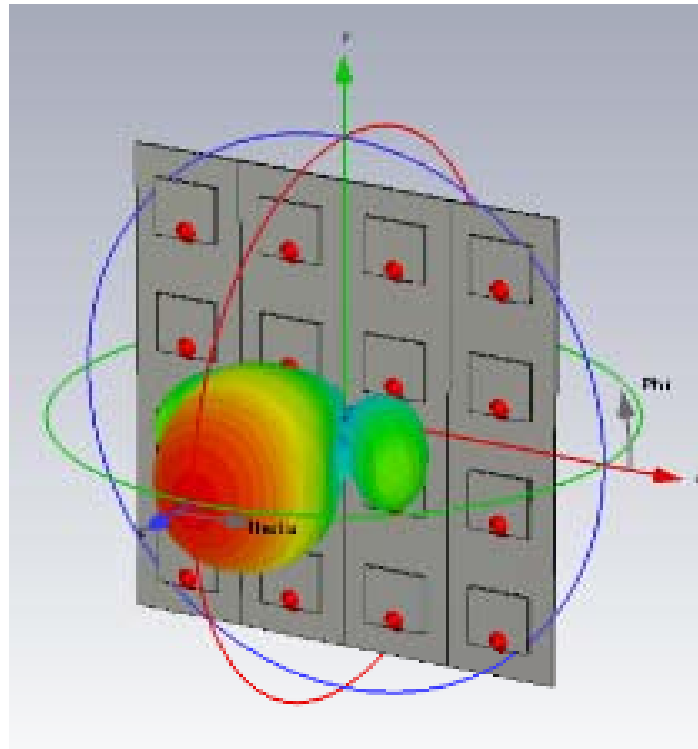


H-3210-1, (Rev. 12/12)

Ground Antenna Elevation Diagram



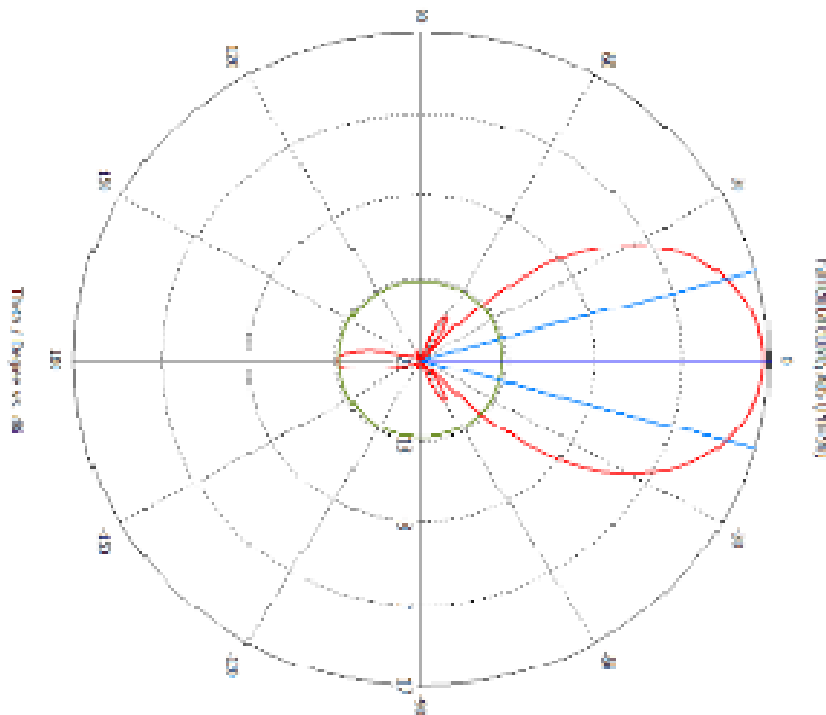
Aircraft Antenna Detail



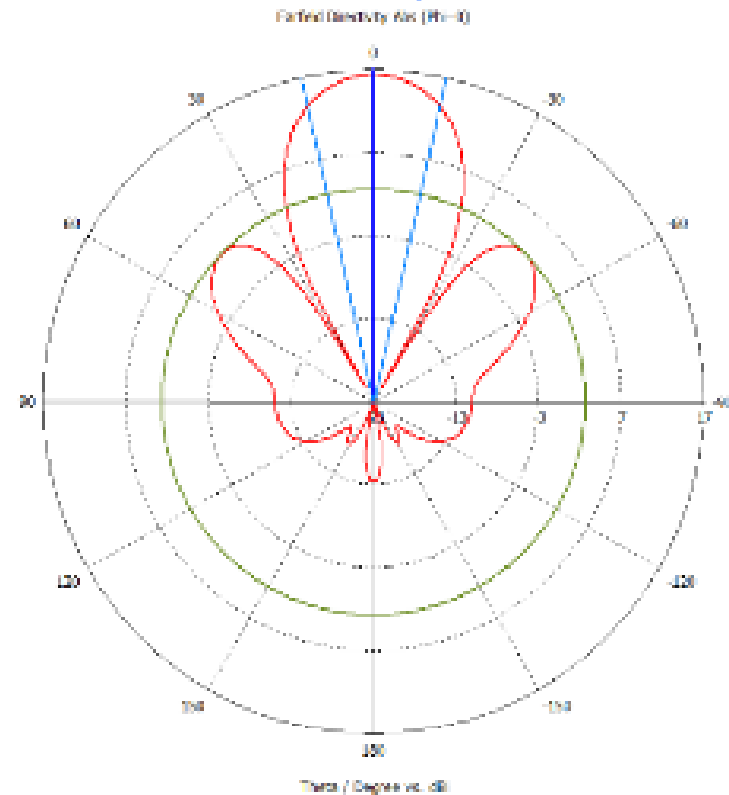
Aircraft Antenna – Radiation Patterns



Elevation pattern



Azimuth pattern



Aircraft station antenna transmit beam is formed toward ground station.