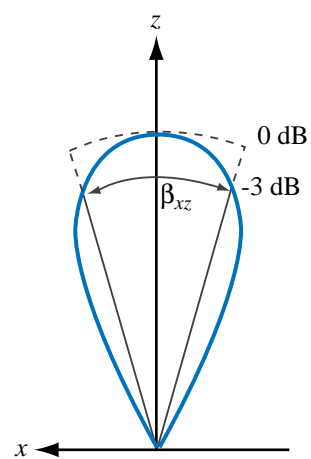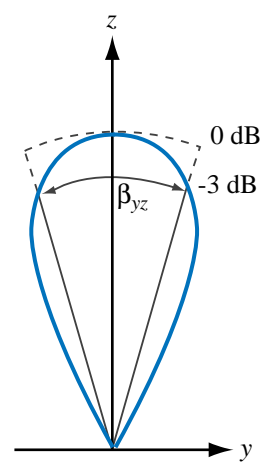(a) Beam solid angle

(b) Half-power beamwidth in x-z plane

(c) Half-power beamwidth in y-z plane