Antenna Isolation

Vertical Isolation = 25 + 40 * log (2.8 * d)

Horizontal Isolation = 22 + 20 * log (2.8 * d)

where d is the antenna spacing in meters

Wavelength

C = f ? or ? = C/f

where C is the speed of light, 3×10^{8} meters/ sec
f is the frequency, in MHz
? is the wavelength, in meters

Space Diversity

Horizontal Space Diversity = 20 * ? = 20 * C/f