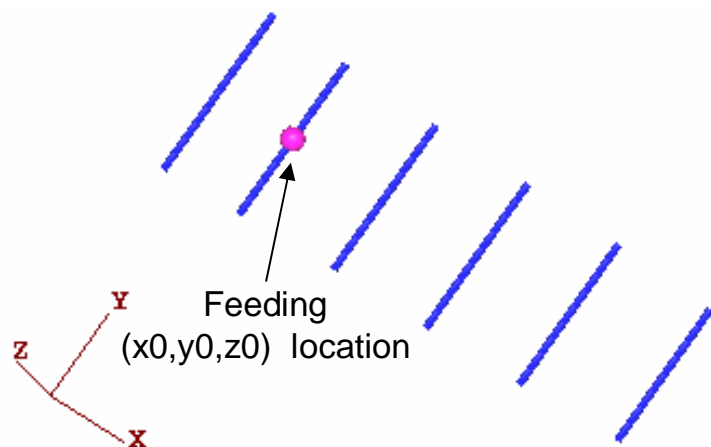
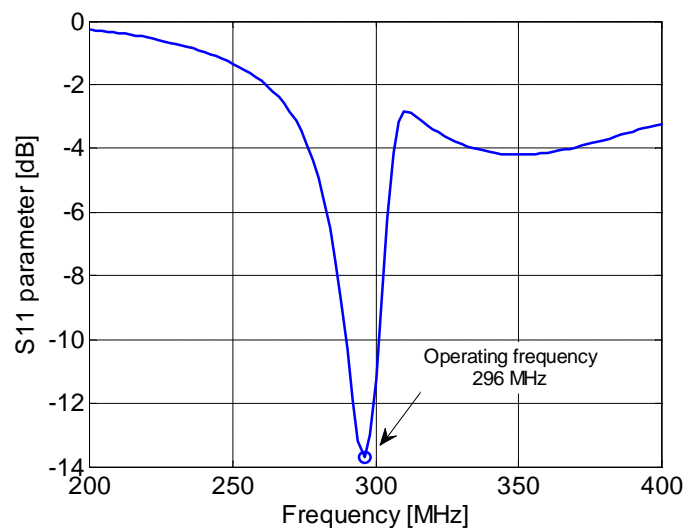


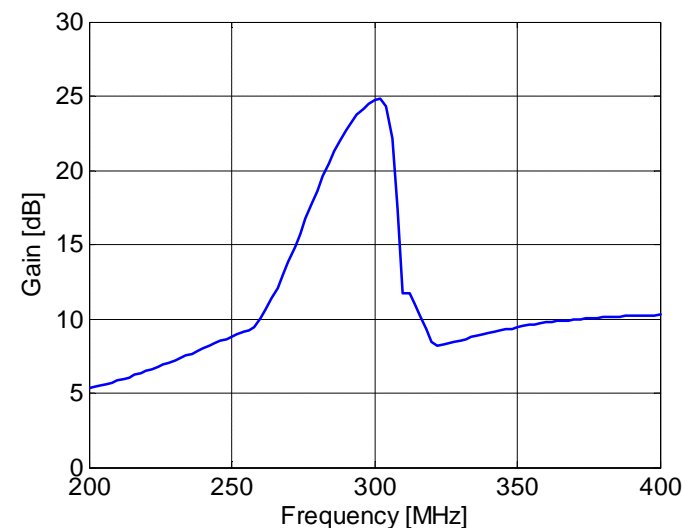
# 6-element Uda-Yagi antenna



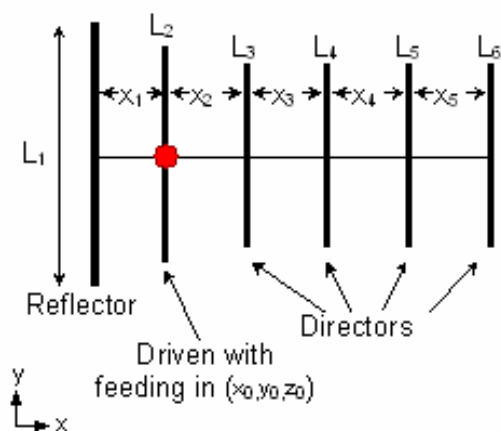
Antenna model (located along X-axis)



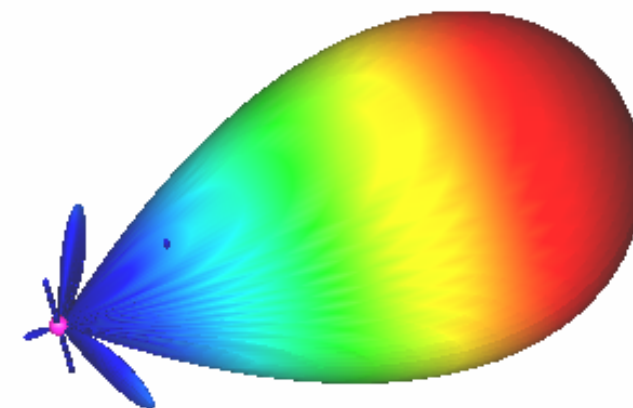
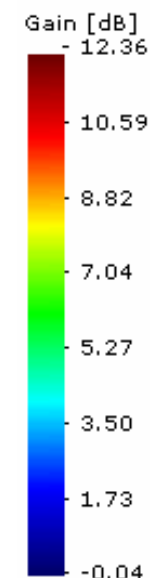
Reflection coefficient vs. frequency



Gain vs. frequency



Design parameters:												
Frequency. freq, [MHz]						300						
Location (x0,y0,z0), [m]						(0,0,0)						
Model parameters:												
Wavelength, lambda	Conductor radius. r, [m]	L1, [m]	L2, [m]	L3, [m]	L4, [m]	L5, [m]	L6, [m]	x1, [m]	x2, [m]	x3, [m]	x4, [m]	X5 [m]
300/freq	0.005*lambda	0.475*lambda	0.46*lambda	0.44*lambda	0.44*lambda	0.43*lambda	0.4*lambda	0.25*lambda	0.31*lambda	0.31*lambda	0.31*lambda	0.32*lambda



Antenna gain. 300 MHz frequency