

Principal Plane Polar Plots

Extended RHCP Gain Contour Plot

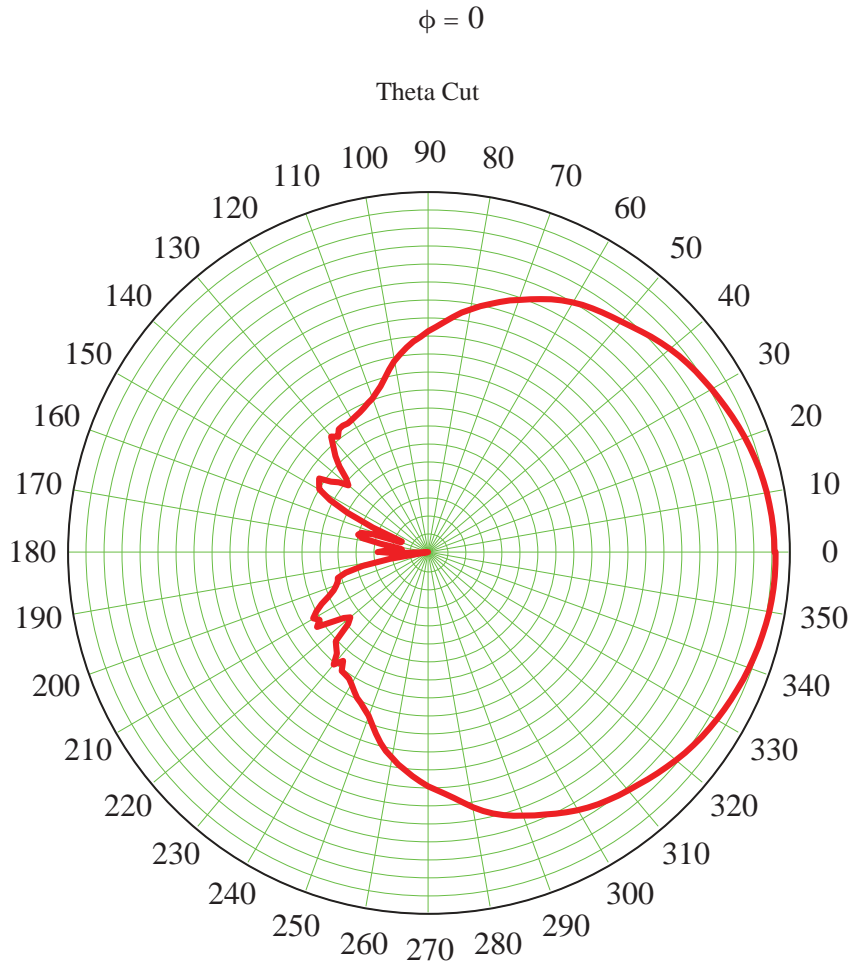
Setup the polar plot data Phi

phi := 0

$\phi := \text{phi}$

plot_zero := 0

Polar Plot Setup calculations



f = 2422 MHz

$\theta_{\text{center}} = 2.8$ deg $\phi_{\text{center}} = 192.6$ deg Plot_max = 8

efficiency = 80

Test_date = "24 Apr 2013"

dB_per_div = 2

serial = "1304-003"

Analysis_date = "24 Apr 2013"

test_range = "Gargoyle"

rdp_data = "ADC-1304241133 RDP_good.txt"

RDP_notes = "Round absorber plate behind antenna."

Figure 14. RHCP Theta Cut Plot, Phi = 0.