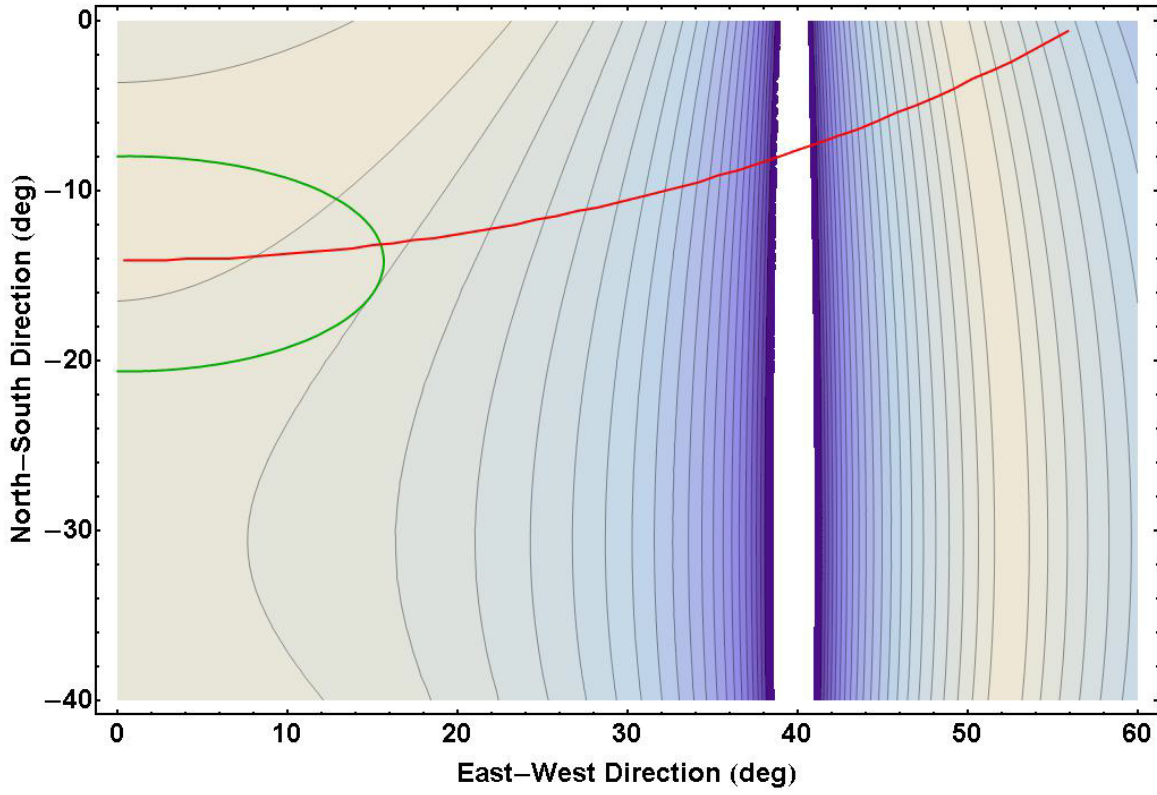
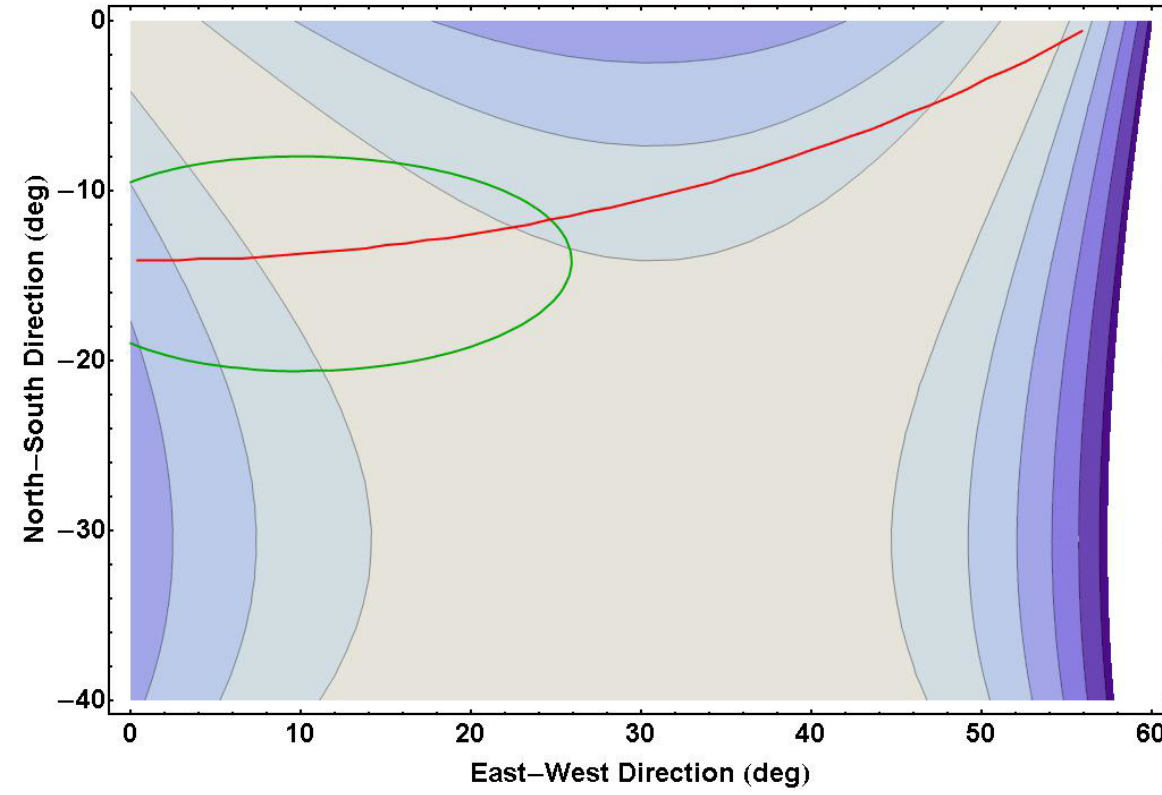


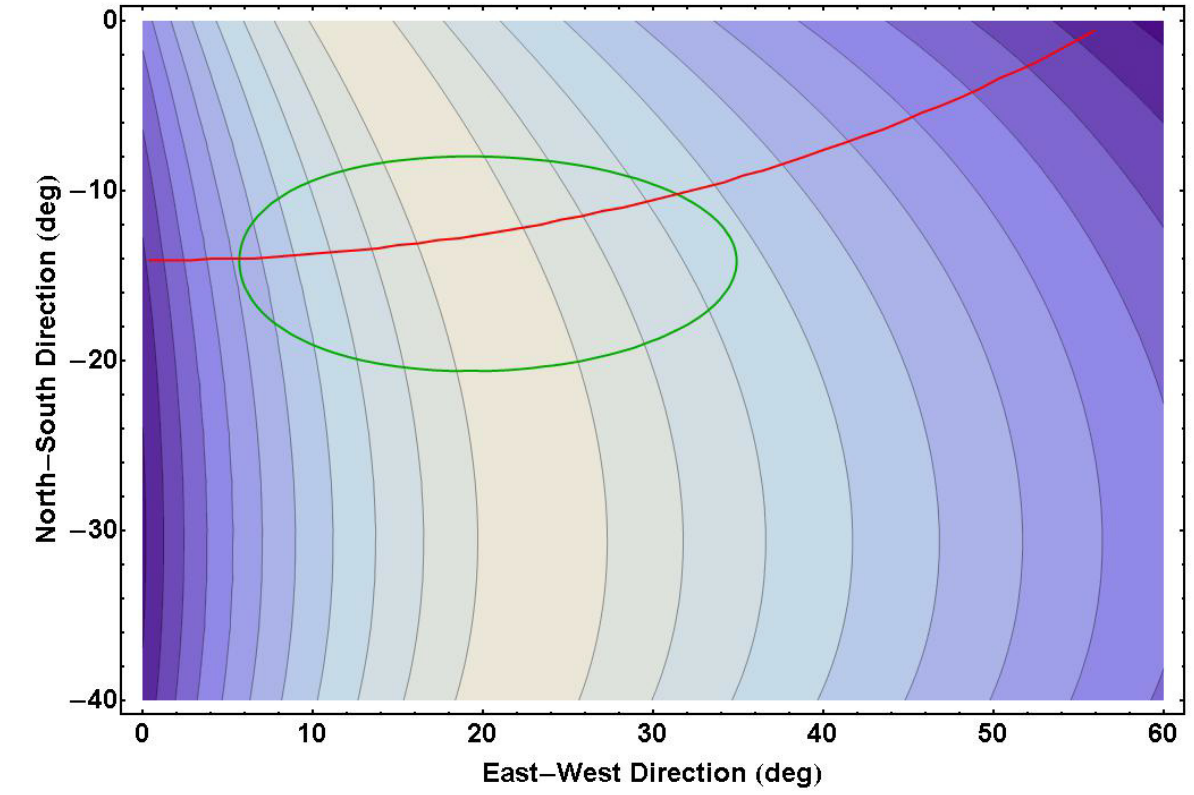
TFD Array Response
Difference Between EW & NS Dipoles
Beam Steering: NS -15° , EW 0°
24 MHz 1 dB Contours
Red = Jupiter Track 20 Jan 2015
Green = HPBW, Max Gain = -0.9 dB Relative



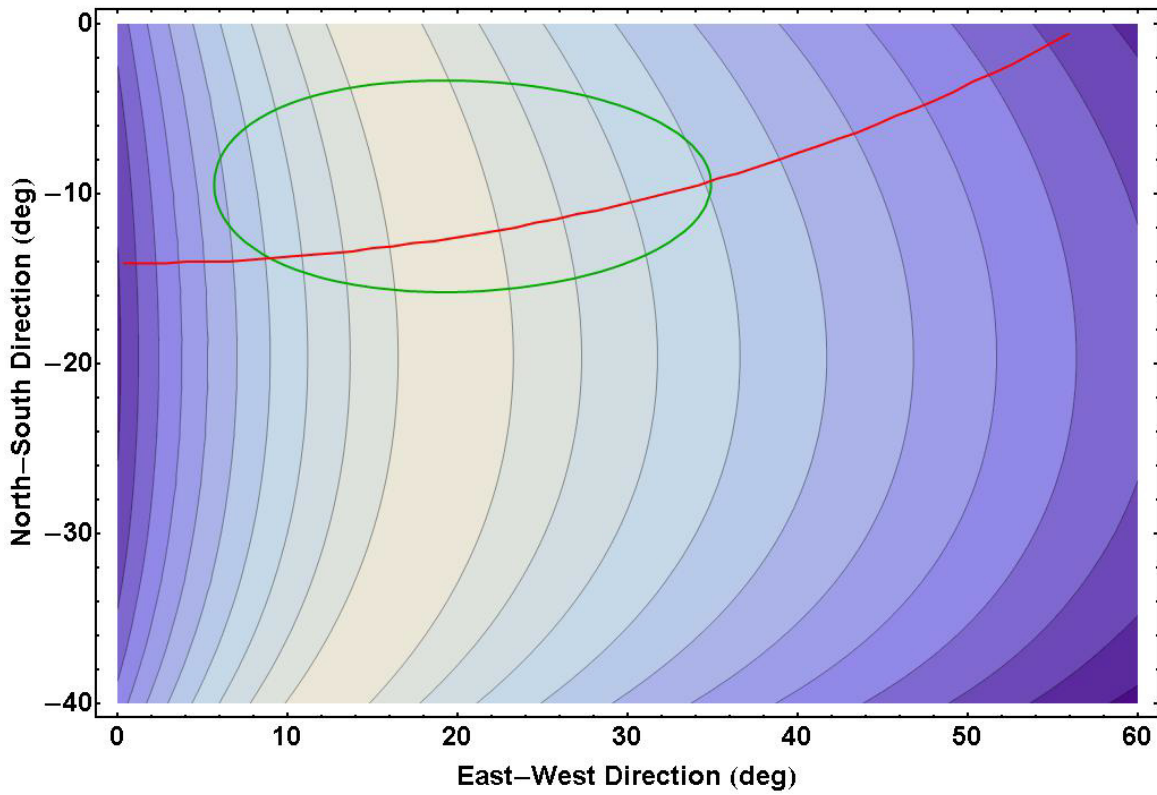
TFD Array Response
Difference Between EW & NS Dipoles
Beam Steering: NS -15° , EW 15°
24 MHz 1 dB Contours
Red = Jupiter Track 20 Jan 2015
Green = HPBW, Max Gain = -1.4 dB Relative



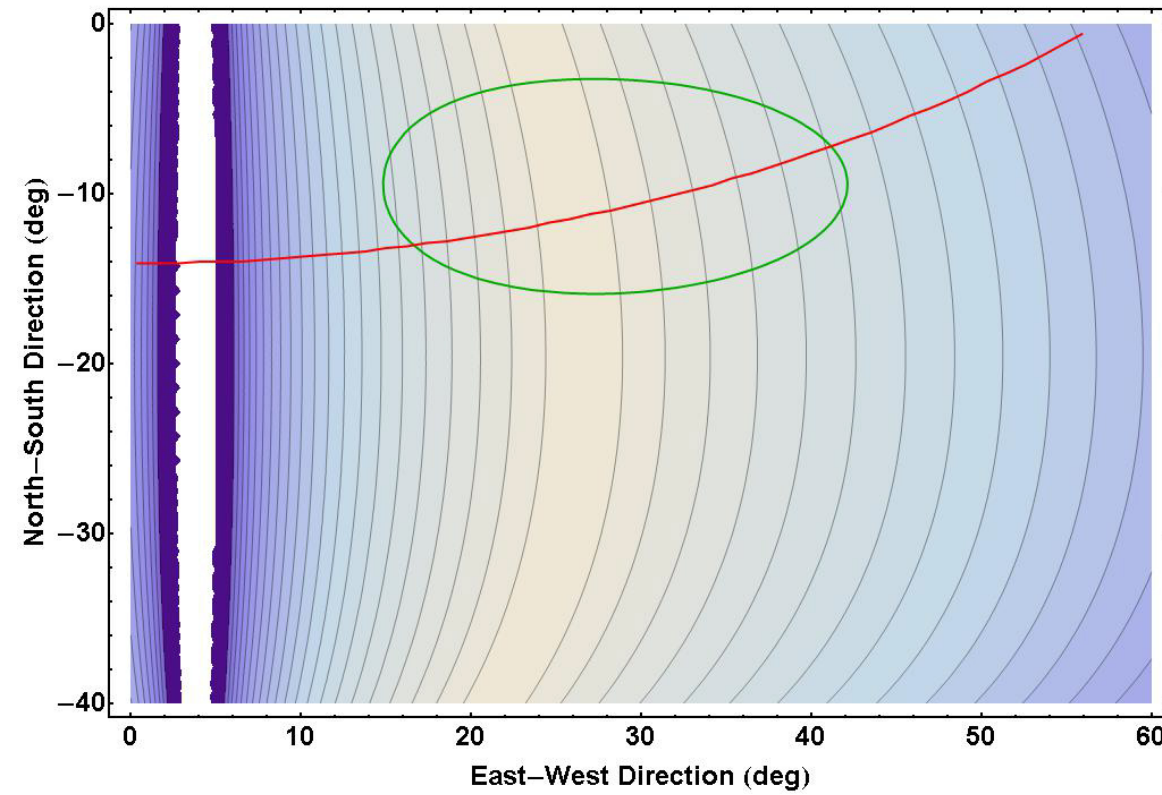
TFD Array Response
Difference Between EW & NS Dipoles
Beam Steering: NS -15° , EW 30°
24 MHz 1 dB Contours
Red = Jupiter Track 20 Jan 2015
Green = HPBW, Max Gain = -3.1 dB Relative



TFD Array Response
Difference Between EW & NS Dipoles
Beam Steering: NS -10° , EW 30°
24 MHz 1 dB Contours
Red = Jupiter Track 20 Jan 2015
Green = HPBW, Max Gain = -2.6 dB Relative



TFD Array Response
Difference Between EW & NS Dipoles
Beam Steering: NS -10° , EW 45°
24 MHz 1 dB Contours
Red = Jupiter Track 20 Jan 2015
Green = HPBW, Max Gain = -5.2 dB Relative



TFD Array Response
Difference Between EW & NS Dipoles
Beam Steering: NS -10° , EW 60°
24 MHz 1 dB Contours
Red = Jupiter Track 20 Jan 2015
Green = HPBW, Max Gain = -7.9 dB Relative

