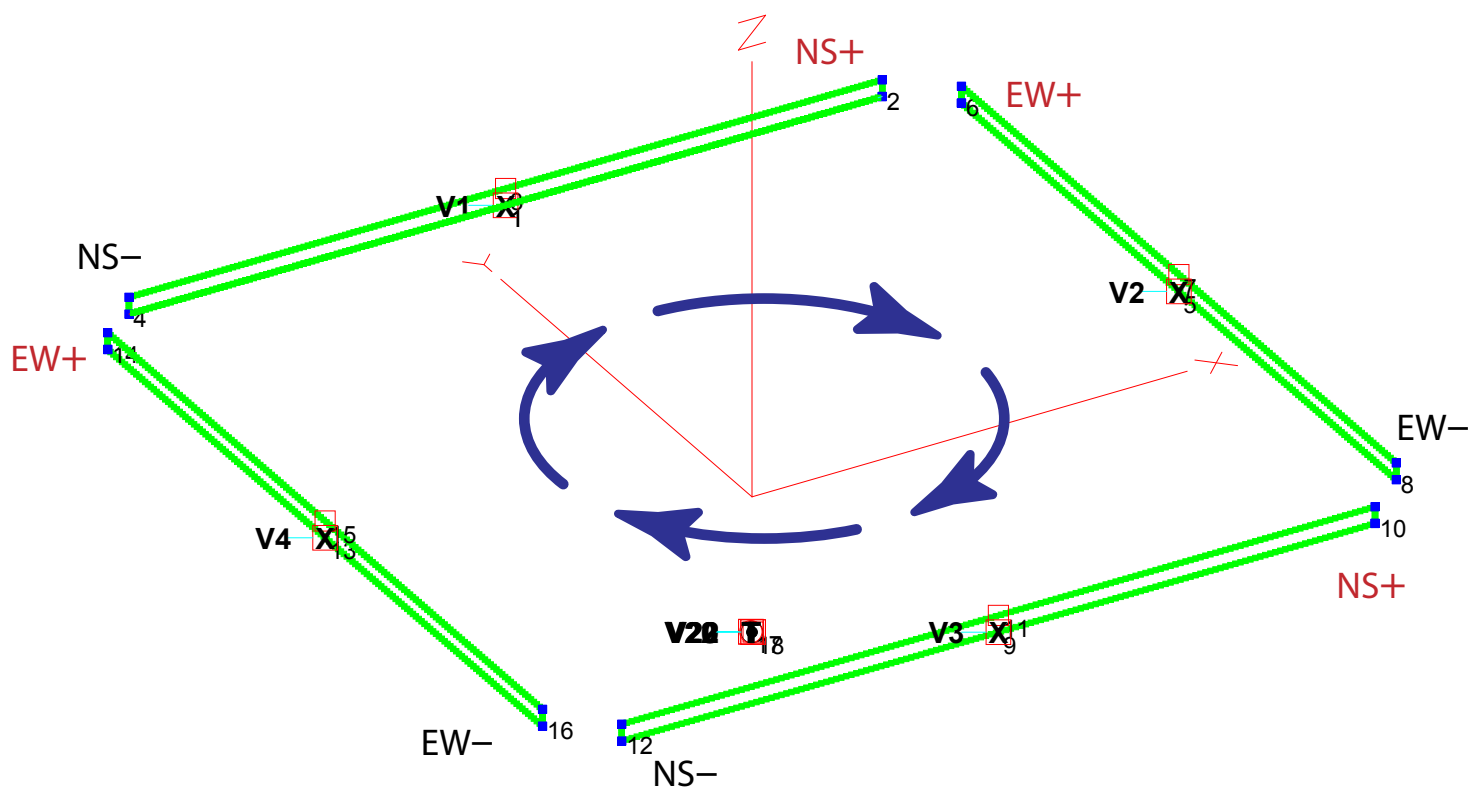
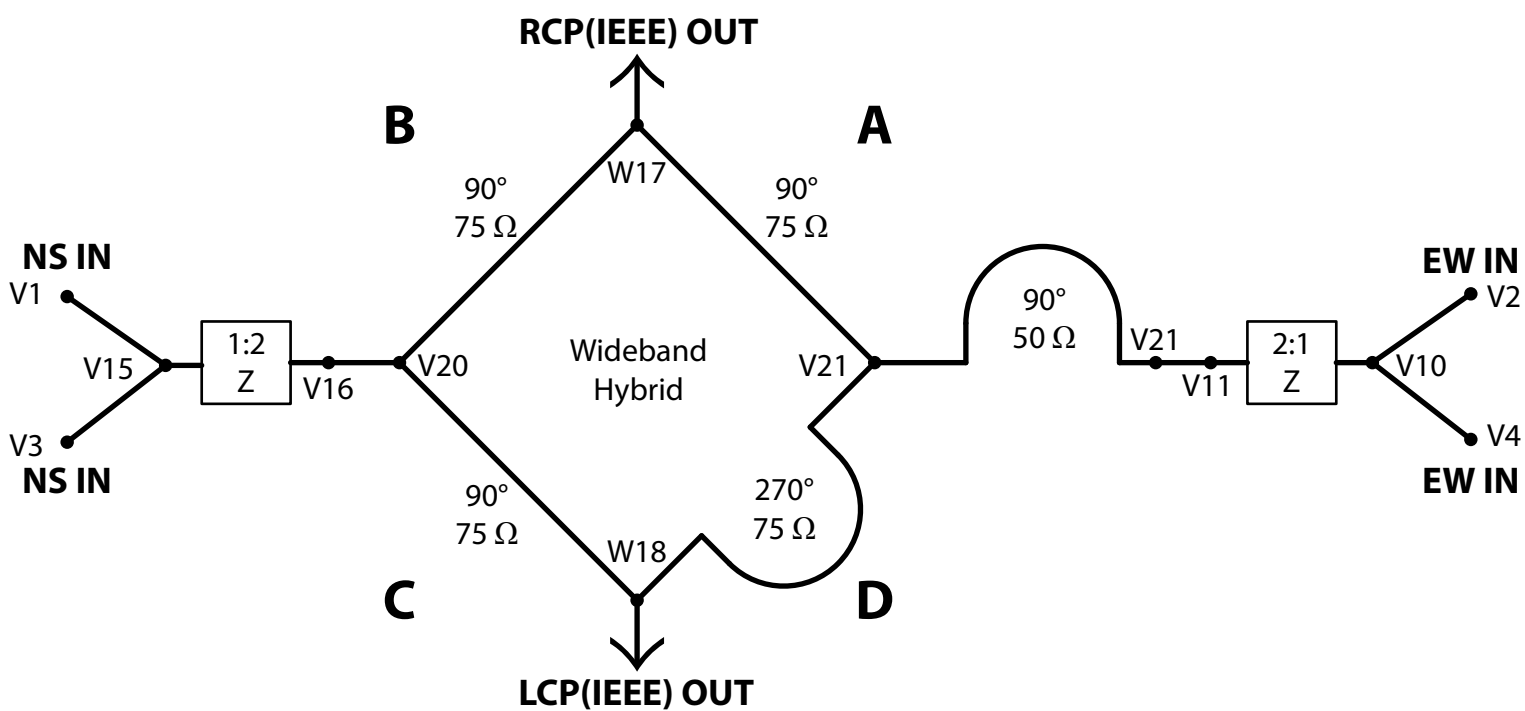


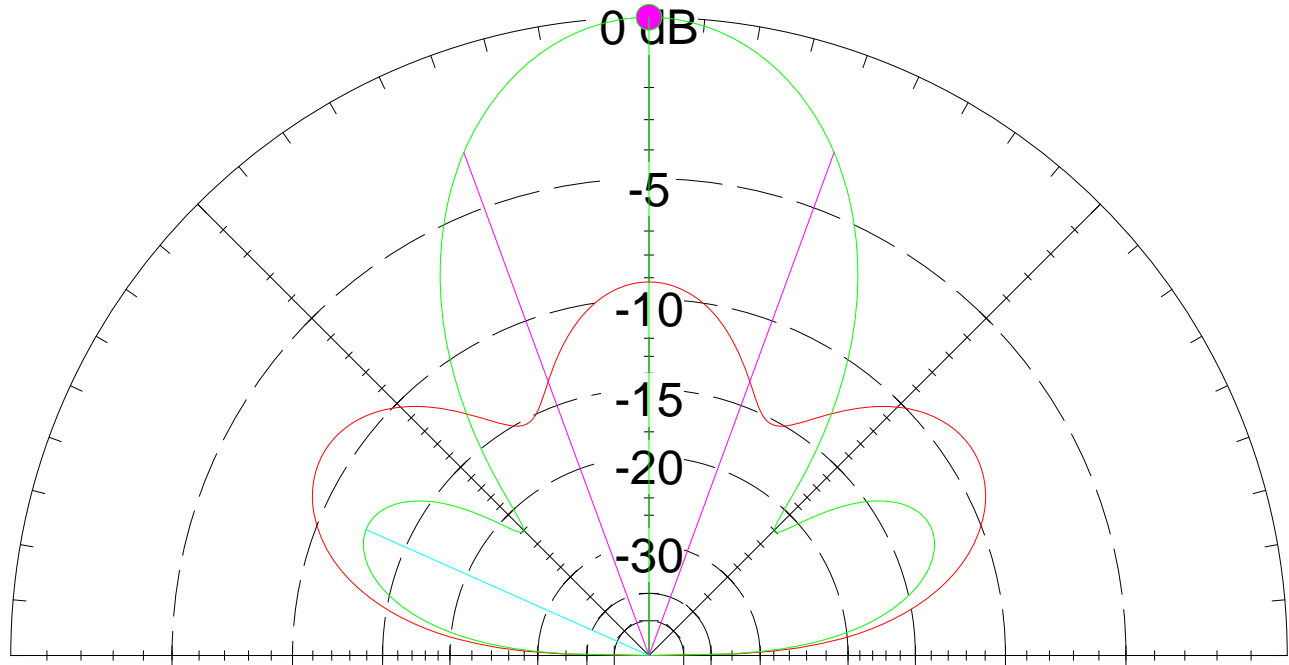
\vec{E} rotation for RCP(IEEE)

Jovian emission is stated using the IEEE convention, which looks from the source toward the receiving antenna.



AJ4CO STFD 30' x 8" x 9'H



*** RH Circular Pol****LH Circular Pol**

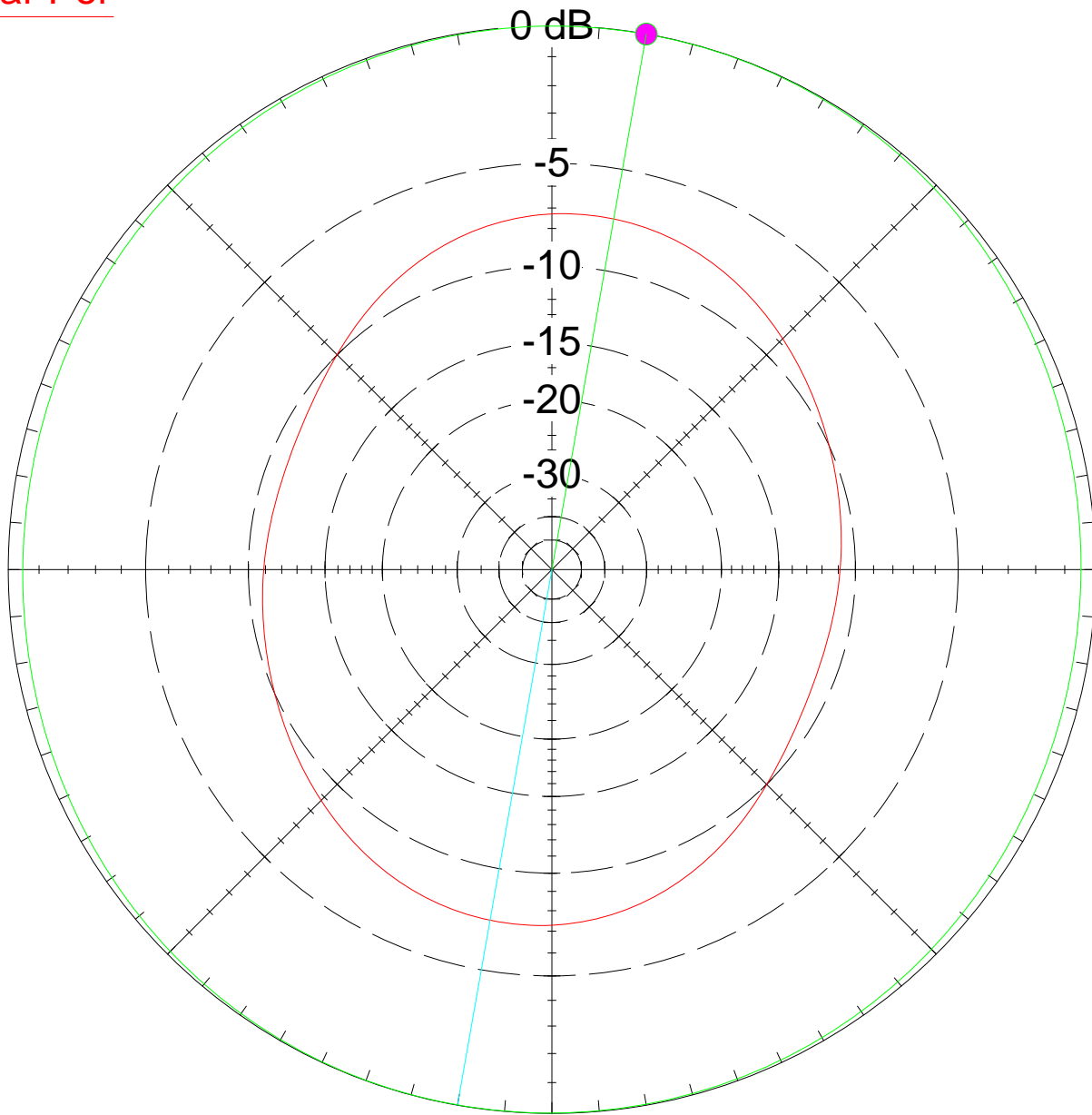
AJ4CO STFD 30' x 8" x 9'H

24 MHz

Elevation Plot		Cursor Elev	90.0 deg.
Azimuth Angle	0.0 deg.	Gain	4.61 dBic
Outer Ring	4.61 dBic		0.0 dBmax
Slice Max Gain	4.61 dBic @ Elev Angle = 90.0 deg.		
Beamwidth	40.4 deg.; -3dB @ 69.8, 110.2 deg.		
Sidelobe Gain	-7.8 dBic @ Elev Angle = 156.0 deg.		
Front/Sidelobe	12.41 dB		

* RH Circular Pol

LH Circular Pol



AJ4CO STFD 30' x 8" x 9'H

24 MHz

Azimuth Plot		Cursor Az	80.0 deg.
Elevation Angle	70.0 deg.	Gain	2.14 dBic
Outer Ring	2.14 dBic		0.0 dBmax

Slice Max Gain	2.14 dBic @ Az Angle = 80.0 deg.
Front/Side	0.46 dB
Beamwidth	?
Sidelobe Gain	2.14 dBic @ Az Angle = 260.0 deg.
Front/Sidelobe	0.0 dB

EZNEC+ ver. 5.0

AJ4CO STFD 30' x 8" x 9'H

07/18/2013

01:00:06

----- SOURCE DATA -----

Frequency = 24 MHz

Source 1 Voltage = 1 V at 0.0 deg.
 Current = 0.01979 A at 12.68 deg.
 Impedance = 49.29 - J 11.09 ohms
 Power = 0.01931 watts
 SWR (50 ohm system) = 1.250 (800 ohm system) = 16.232