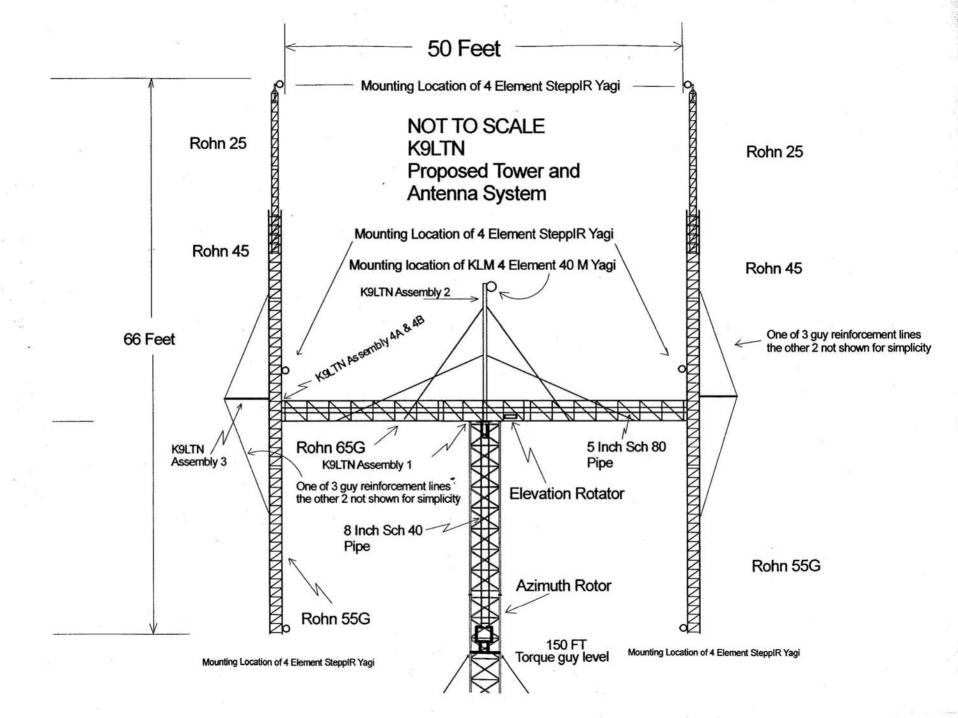
Construction of the Largest SteppIR Yagi Stack in the World at K9LTN

Presented by NØAE Brion C. Gilbert

















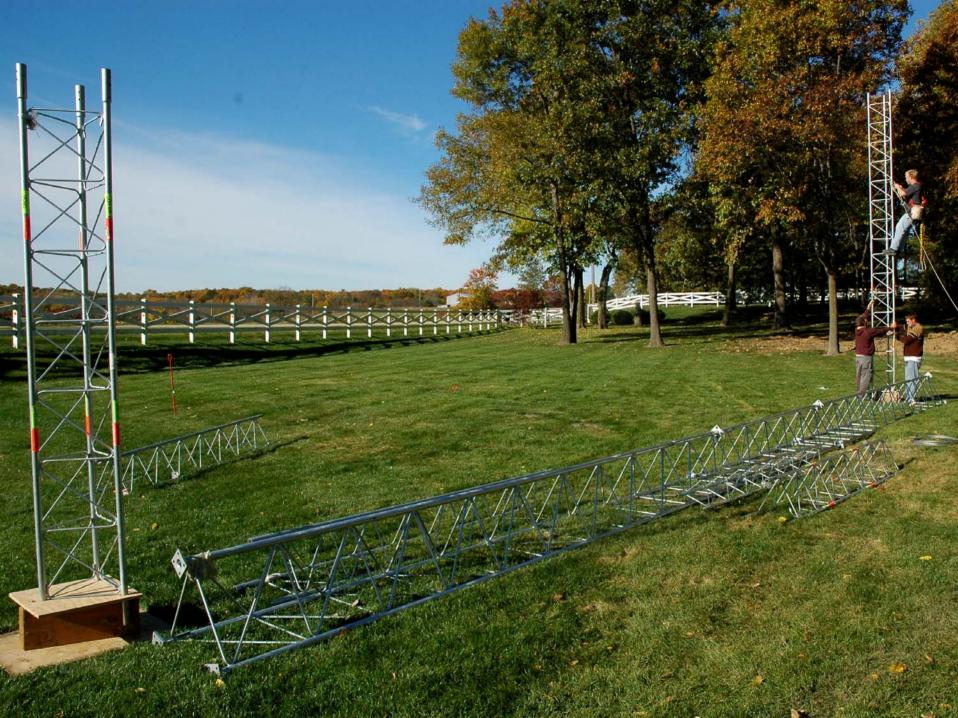














































































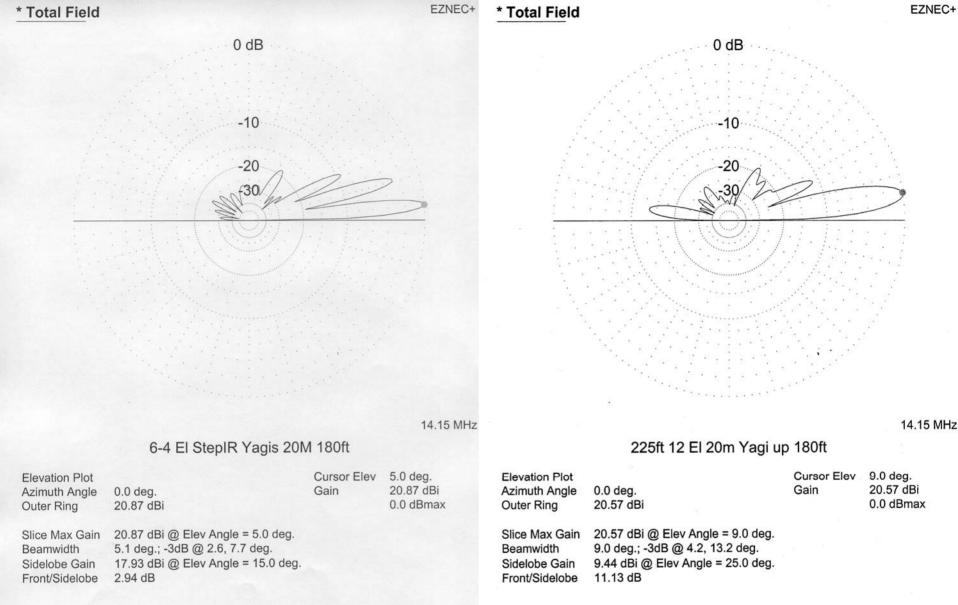


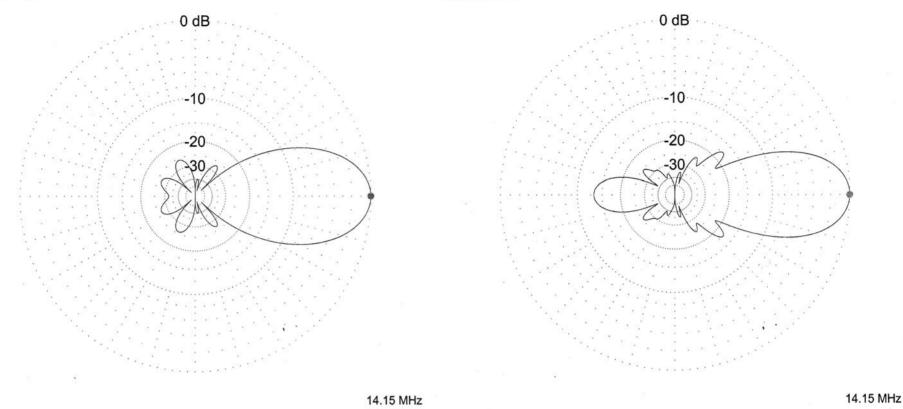




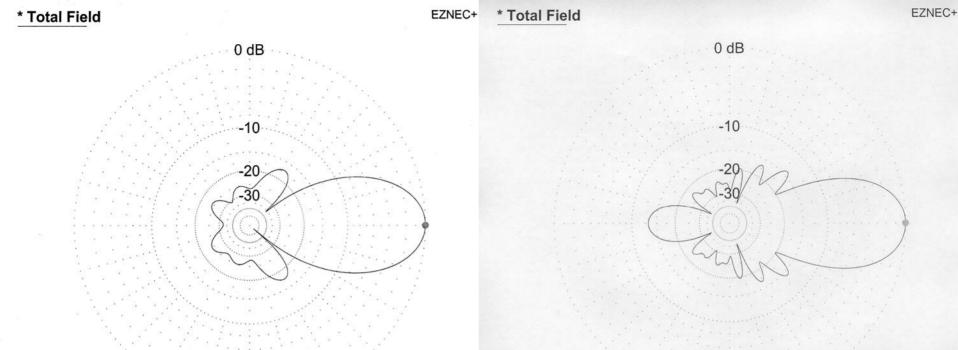








	6-4 El StepIR Yagis 20M	FreeSp			225ft 12 El 20m Yagi Fre	20m Yagi FreeSpace			
Azimuth Plot Elevation Angle Outer Ring	0.0 deg. 15.34 dBi	Cursor Az Gain	0.0 deg. 15.34 dBi 0.0 dBmax	Azimuth Plot Elevation Angle Outer Ring	0.0 deg. 15.74 dBi	Cursor Az Gain	0.0 deg. 15.74 dBi 0.0 dBmax		
Slice Max Gain Front/Back Beamwidth Sidelobe Gain Front/Sidelobe	15.34 dBi @ Az Angle = 0.0 deg. 32.4 dB 32.8 deg.; -3dB @ 343.6, 16.4 deg. -10.37 dBi @ Az Angle = 245.0 deg. 25.71 dB			Slice Max Gain Front/Back Beamwidth Sidelobe Gain Front/Sidelobe	15.74 dBi @ Az Angle = 0.0 deg. 13.17 dB 30.2 deg.; -3dB @ 344.9, 15.1 deg. 2.57 dBi @ Az Angle = 180.0 deg. 13.17 dB				



14.15 MHz

6-4 El StepIR Yagis 20M FreeSp							
Elevation Plot Azimuth Angle Outer Ring	0.0 deg. 15.34 dBi	Cursor Elev Gain	0.0 deg. 15.34 dBi 0.0 dBmax				
Slice Max Gain Front/Back Beamwidth Sidelobe Gain Front/Sidelobe	15.34 dBi @ Elev Angle = 0.0 deg. 32.4 dB 32.8 deg.; -3dB @ 343.9, 16.7 deg. -1.71 dBi @ Elev Angle = 57.0 deg. 17.05 dB						

14.15 MHz

225ft 12 El 20m Yagi FreeSpace **Elevation Plot** Cursor Elev 0.0 deg. 15.74 dBi 0.0 deg. Gain Azimuth Angle 15.74 dBi 0.0 dBmax Outer Ring Slice Max Gain 15.74 dBi @ Elev Angle = 0.0 deg. Front/Back 13.17 dB 32.2 deg.; -3dB @ 343.9, 16.1 deg. Beamwidth 2.57 dBi @ Elev Angle = 180.0 deg. Sidelobe Gain Front/Sidelobe 13.17 dB

