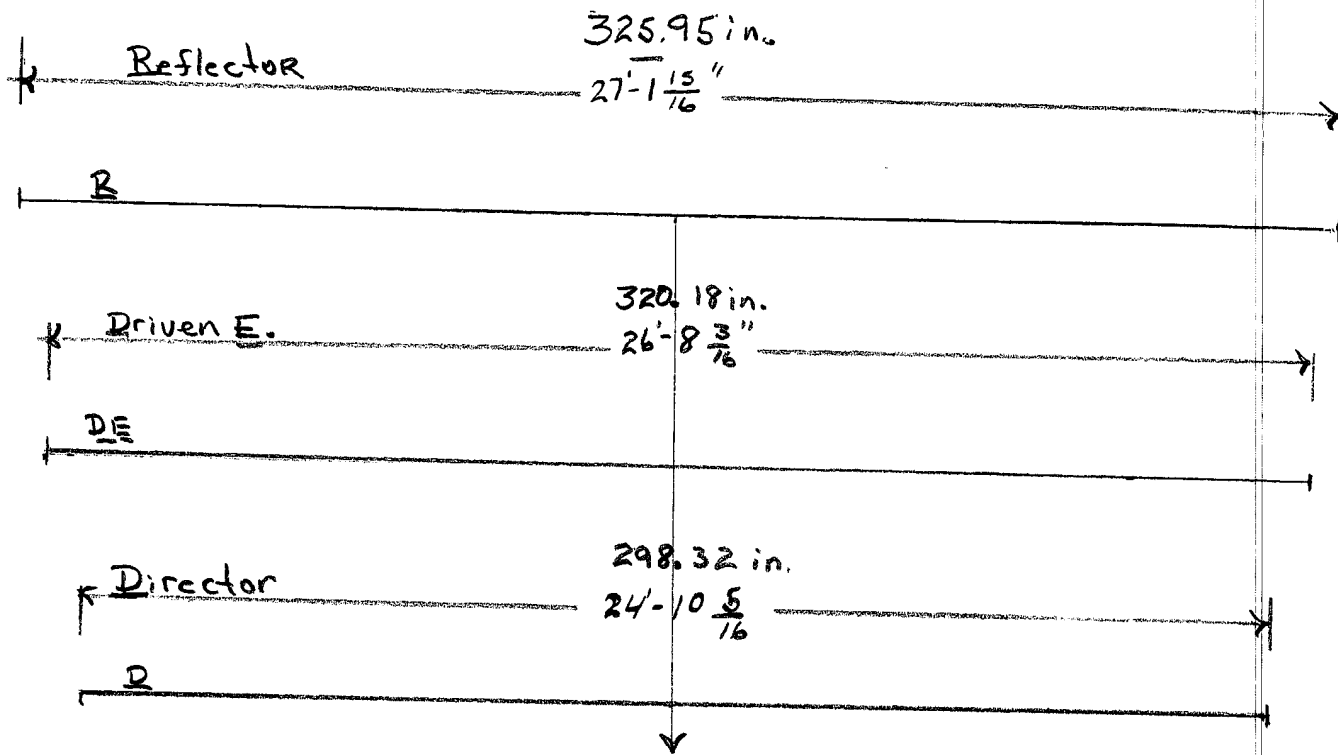


# 17 Meter YAGI PROJECT



Spacing—

Reflector =  $\emptyset$  in

Reflector to Driven Element 62.78 in / 5'-2<sup>3</sup>/<sub>4</sub>" in.

Reflector to Director 118.11 in / 9'-10<sup>1</sup>/<sub>8</sub>" in.

Boom Dia. 2.0 in

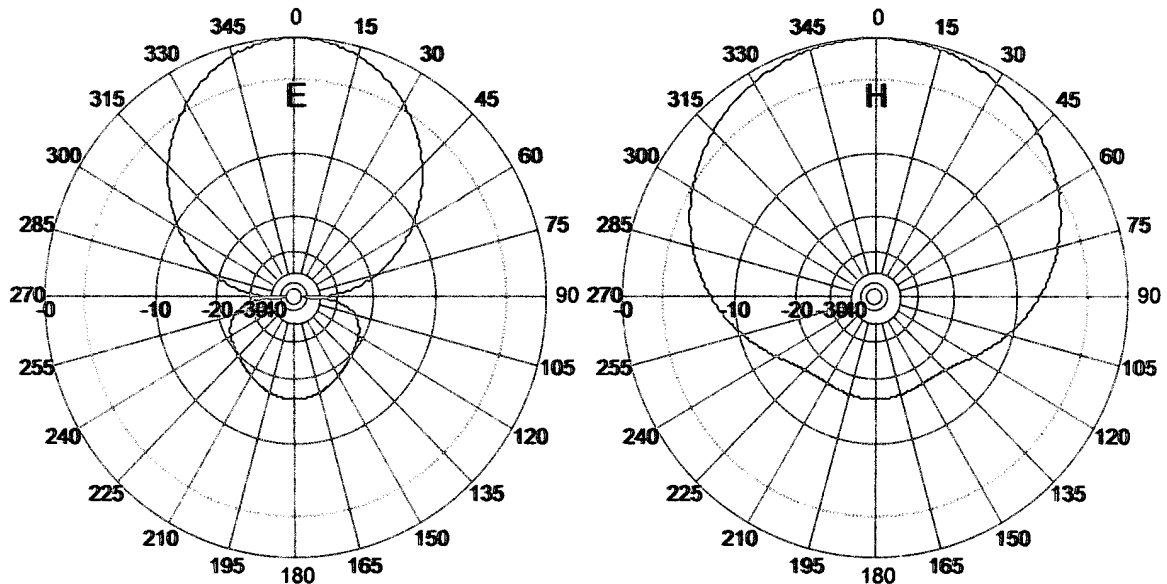
Overall Boom length. 122.0 in / 10'-2"

Driven Element in a split Dipole - Insulated from boom

Ugly Balun - 21 Ft 9913F Around a 4" in PVC FORM

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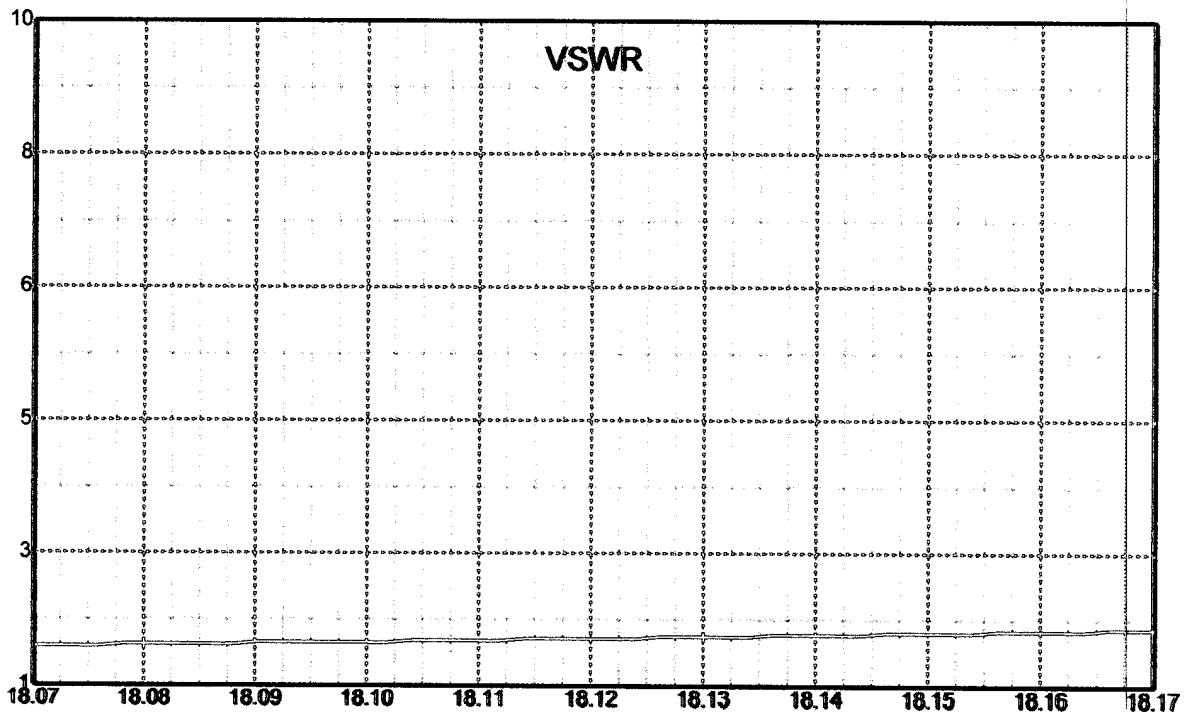
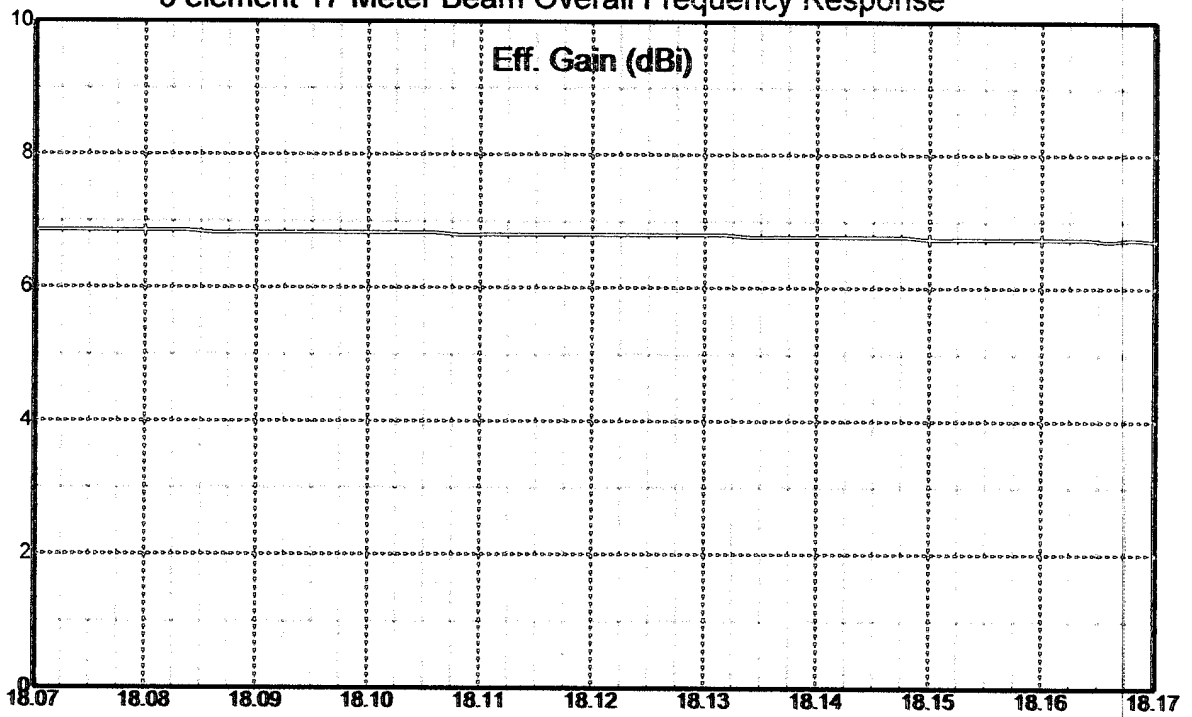
3 element 17 Meter Beam Pattern



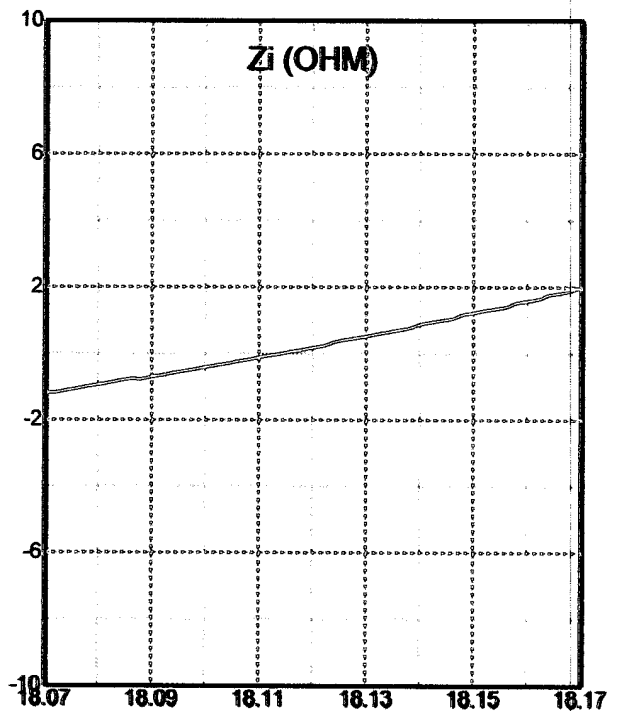
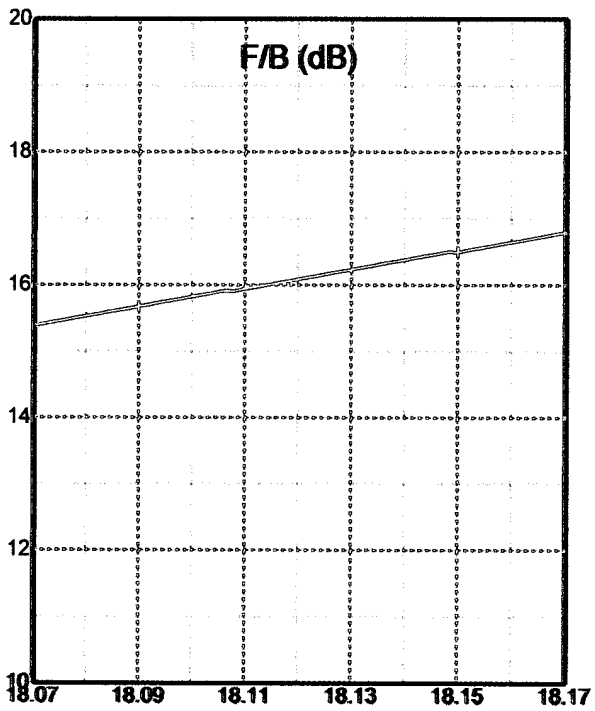
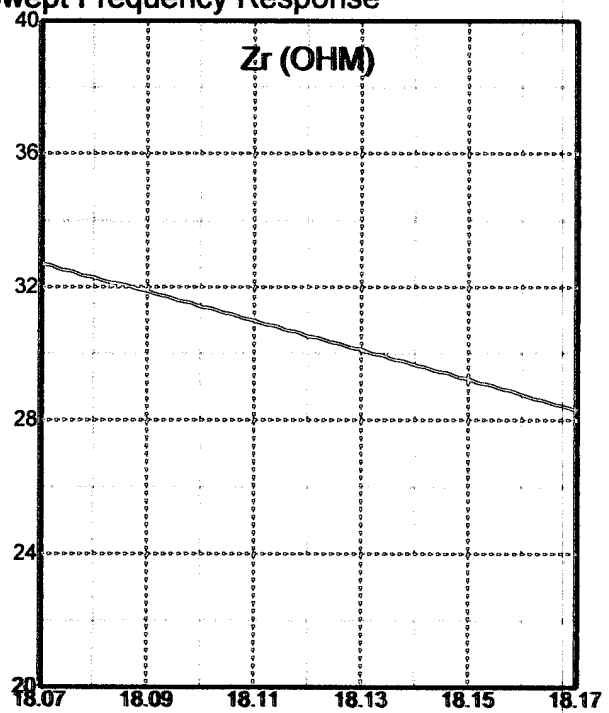
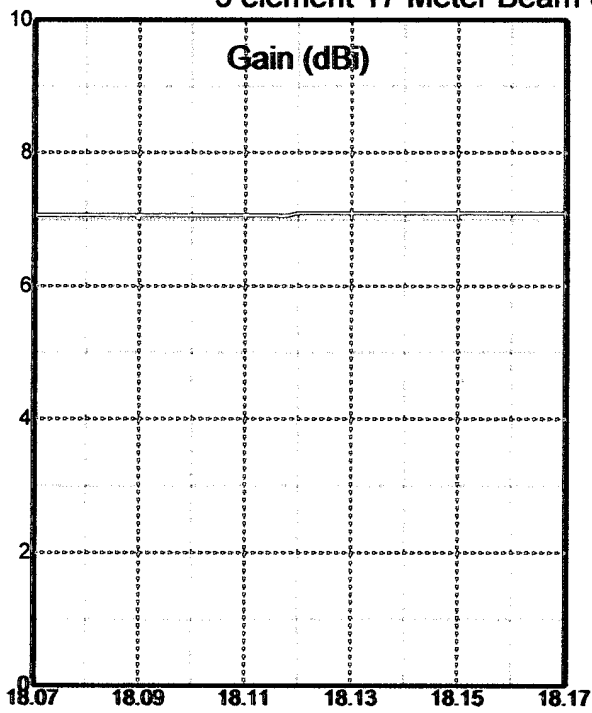
Frequency = 18.12 MHz, 3dB Beamwidths; E = 33 Degrees, H = 60 Degrees  
Gain Relative to Maximum Gain of 7.08dBi at 0 Degrees

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3 element 17 Meter Beam Overall Frequency Response



3 element 17 Meter Beam Swept Frequency Response



3 element 17 Meter Beam Model Convergence Verses Segments

