

(C)

$$-1365.36x^3 + 122.013x^2 - 4.56032x + 0.460434$$

$$R^2 = 0.999399$$

0.002 | 0.452  
0.01 | 0.425  
0.02 | 0.408  
0.03 | 0.386  
0.04 | 0.356

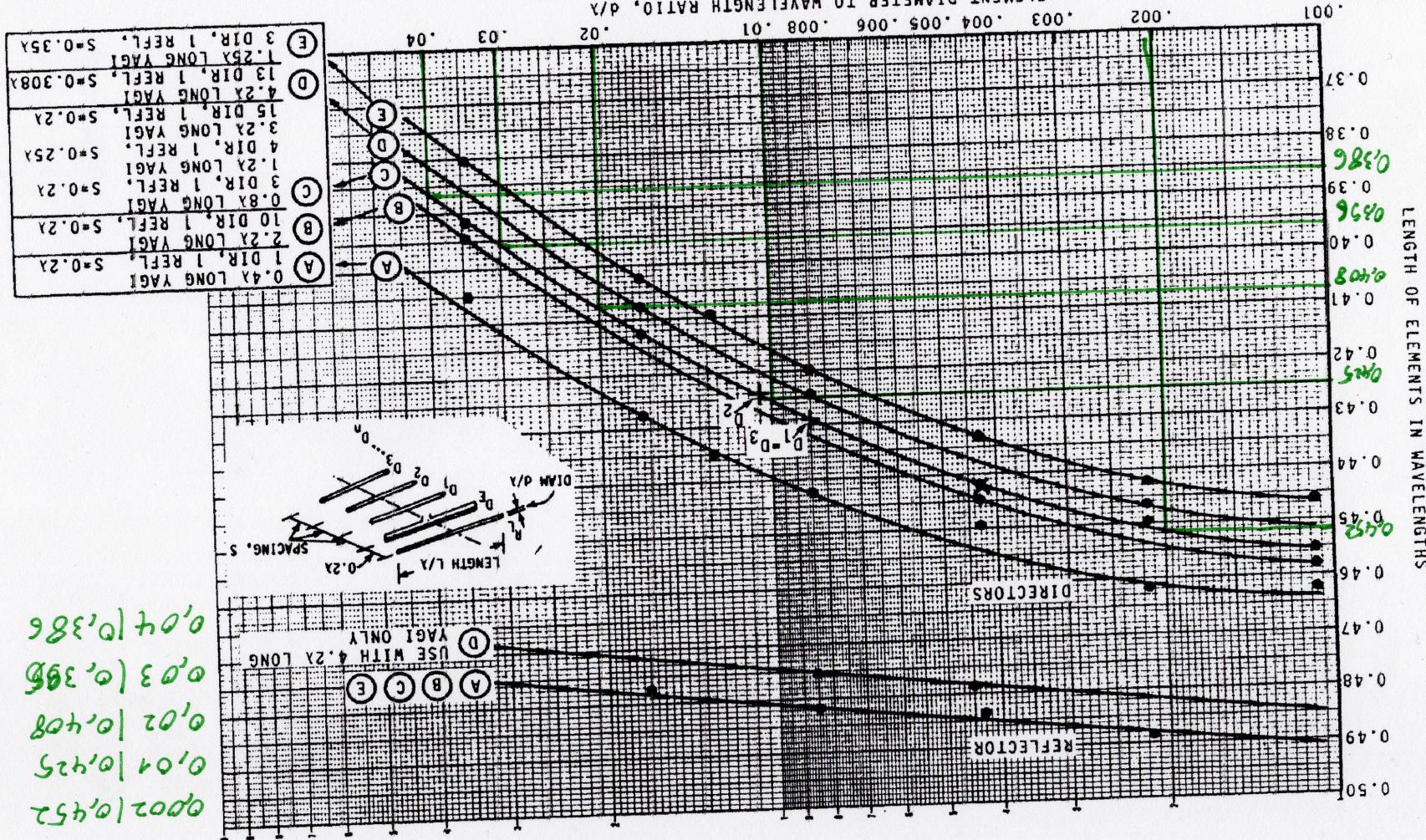


FIG. 20 USE OF DESIGN CURVES IN DETERMINING ELEMENT LENGTHS OF ELEMENT DIAMETER TO WAVELENGTH RATIO,  $d/\lambda$

0.8X YAGI CONSIDERED IN EXAMPLE 1