

Table 3

Helical Colinear Calculations		1296 Mhz		
	<i>(Inches)</i>	<i>(mm)</i>		
Length $\lambda/2$ =	3.20	81	0.35 λ	Elements/Turn = 3
Diameter =	2.85	72	0.31 λ	Turns = 15
Pitch =	3.46	88	0.38 λ	Total Segments = 180
Linear Total =	145.38	3693	15.94 λ	
Helix Length =	51.95	1320	5.70 λ	
Bottom =	5.91	150		
Top =	57.85	1470		