

EH Antenna Design LL	
Input freq(mhz)=	14.00
EH Antenna length/Surface Area	
Input Diameter(inches) =	2.375
Input Diameter/Length ratio 1:? =	3.00
Antenna Element Length =	7.13
Surface Area(each) =	53.16
Antenna Capacitance/Reactance	
Dielectric Constant=	3.75
Antenna Capacitance(pf)=	14.10
Antenna Displacement Current=	1.42
Capacitance Reactance(ohms) =	568
Phasing Coils and Caps etc	
Phasing Coil wire Length(inches)=	13.49
Number of turns=	1.81
Source Impedance(ohm)=	50
Reactance (ohm)=	168.49
Inductance of coil(uh)L1&L2=	1.92
Number of Turns=	16.26
Capacitor(pf) C1&C2=	
	67.47



