File: C:\Users\Jonathan\AppData\Local\YagiCAD6\DL6WU20_HLINEV1Cu.YC6 Last Saved: 07/04/2019
Title: DL6WU 22 ELEMENT LONG YAGI Source: DL6WU IN VHF COMMS
Comments: G.Hoch's Optimal Yagi - elements can be added or subtracted
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Elem.	Len	Posn.	Diam.	Type	Material	Segs.
1	0.103	0.0	0.002	Dipole	Copper	21
2	0.102	0.049	0.002	Dipole	Copper	21
3	0.09	0.065	0.002	Dipole	Copper	21
4	0.089	0.103	0.002	Dipole	Copper	21
5	0.088	0.149	0.002	Dipole	Copper	21
6	0.087	0.202	0.002	Dipole	Copper	21
7	0.086	0.262	0.002	Dipole	Copper	21
8	0.085	0.326	0.002	Dipole	Copper	21
9	0.084	0.392	0.002	Dipole	Copper	21
10	0.083	0.462	0.002	Dipole	Copper	21
11	0.082	0.535	0.002	Dipole	Copper	21
12	0.081	0.611	0.002	Dipole	Copper	21
13	0.081	0.691	0.002	Dipole	Copper	21
14	0.081	0.771	0.002	Dipole	Copper	21
15	0.08	0.853	0.002	Dipole	Copper	21
16	0.08	0.937	0.002	Dipole	Copper	21

Note all dimensions in meters, with spaces measured from the first element

Frequency = 1420.0(MHz)

Input Impedance = 53.69 J -0.34 Ohms
Forward Gain = 14.0 dBd
Front-to-Back Ratio = 17.9 dB

Calculated Eff: 99.2 %