

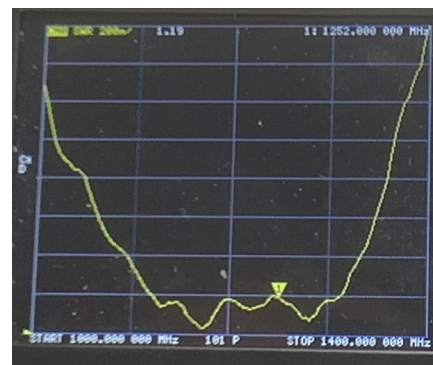
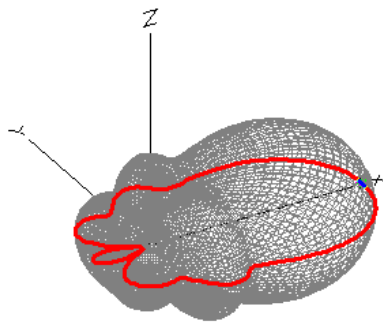


Model 23-14PA 23 cm, 12dBi Gain Antenna

The KH6HTV-VIDEO Model 23-14PA is a mid-range gain, patch antenna for the amateur radio 23cm band. It's gain of +12dBi is comparable to a 6 element, conventional Yagi. But the antenna is overall smaller, lighter weight and more convenient to handle, especially for out in the field ARES portable operations.



PARAMETER	typical performance	notes
Frequency Range	1.1 to 1.35 GHz	< 2 : 1 vswr
Gain	12dBi	similar to 6 element Yagi
Beam Width	55 deg, nominal	-3dB
Front to Back Ratio	> 20dB	
VSWR	< 1.5 : 1	23cm (1.24 - 1.3GHz)
Polarization	Vertical	
CW Power	100 Watts, max.	
Connector	N female	
Dimensions	9 1/2"x8 1/2"x2" antenna	11 1/4"x3 7/8" mounting bracket
Weight	1.5 kg	
Beam Tilt	Yes	with adj. mounting hardware



LEFT: 3D Antenna Pattern Plot (from EZNEC) RIGHT: NanoVNA measurement of VSWR from 1.0 to 1.4GHz, 0.2 units/div. vertical