

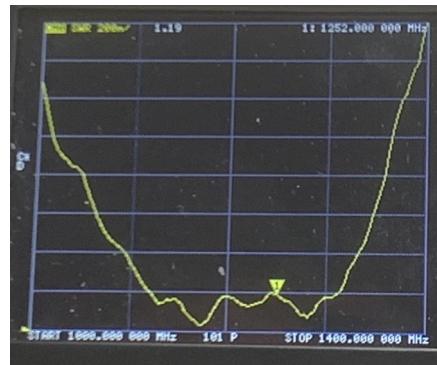
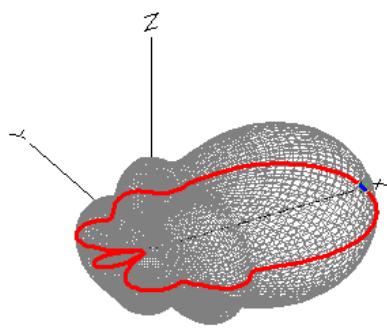


## Model 23-14PA 23 cm, 12dBi Gain Antenna

**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" x 8 1/2" x 2" antenna	11 1/4" x 3 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