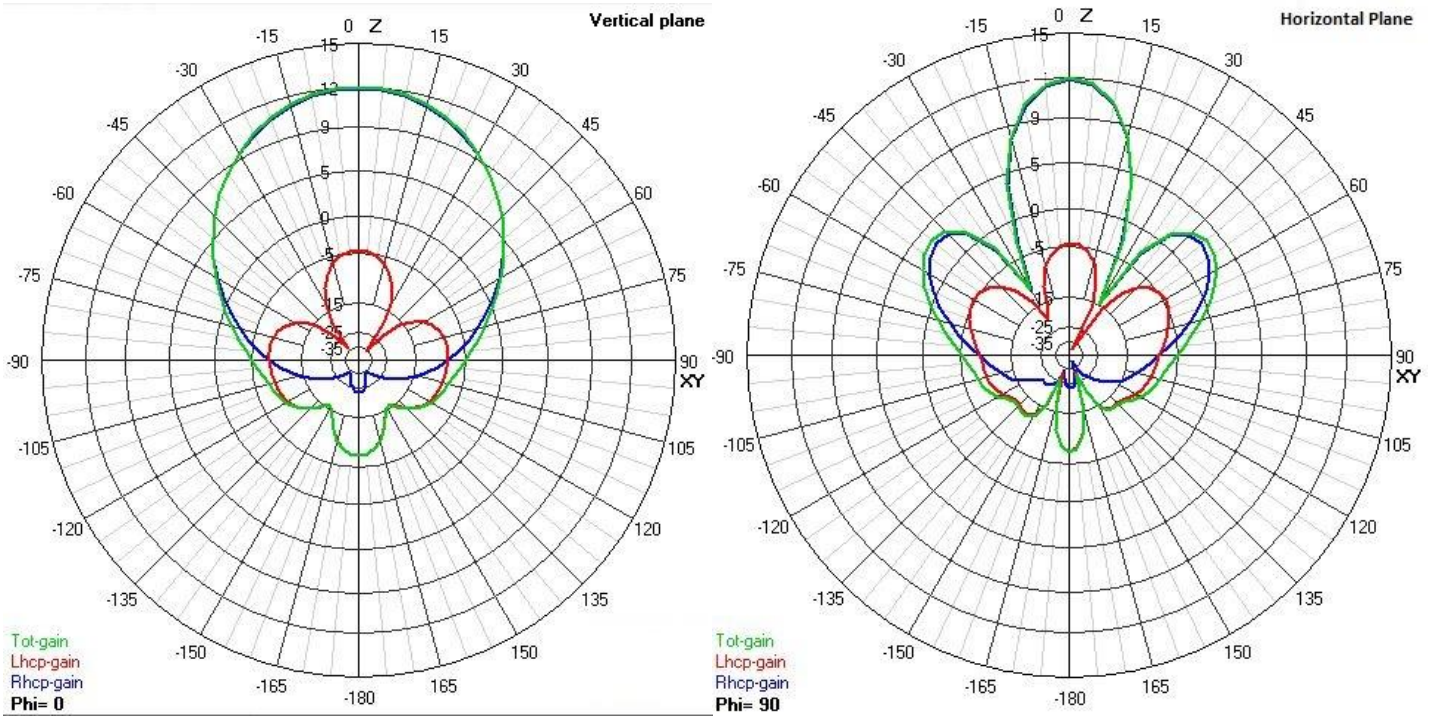


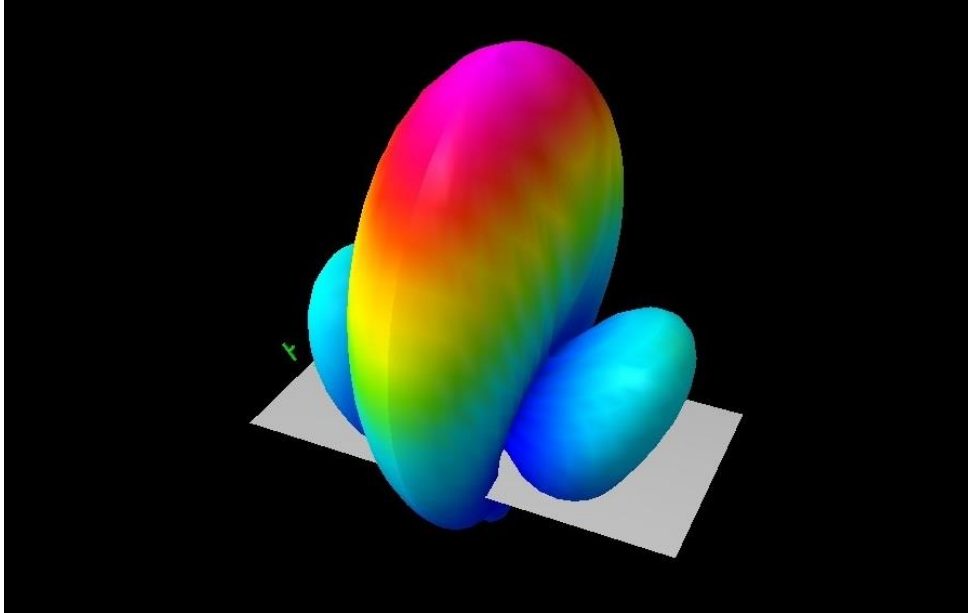
The Pepperbox is a wide beam, high gain circularly polarized directional antenna designed for very long distance communications. In the horizontal plane, the antenna is designed to work within a 165 degree beam. The vertical however plane is limited to 30 degrees. It excels in environments where it must communicate with a target in motion over a large area or must service multiple target locations at once without moving. The antenna utilizes circular polarization to mitigate the effects of multipath interference and target antenna orientation.

	1.3GHz	2.4GHz	5.8GHz
Frequency range	1100-1560MHz	2200-2620MHz	5500-6100MHz
Gain	13dbic	13dbic	13dbic
-3db point	+/- 40 degrees	+/- 40 degrees	+/- 40 degrees
SWR	< 1.6	< 1.6	< 1.6
Polarization	Circular	Circular	Circular
Dimensions	389 X 198 X 61mm	235 X 121 X 49mm	103 X 52 X 26mm
Connector	SMA Male	SMA Male	SMA Male

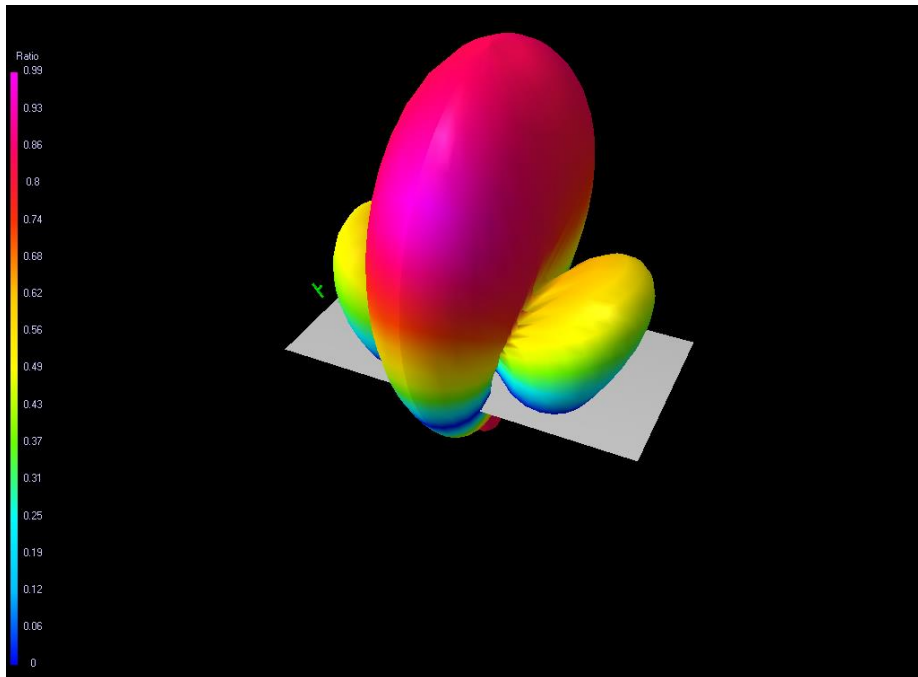


2D radiation plot

Pepperbox Xtreme Antenna
1.3GHz / 2.4GHz / 5.8GHz



3D Radiation plot



Axial ratio 3D plot (rotation capability)

**Pepperbox Xtreme Antenna
1.3GHz / 2.4GHz / 5.8GHz**



5.8GHz Pepperbox Xtreme



1.3GHz Pepperbox Xtreme

Pepperbox Xtreme Antenna
1.3GHz / 2.4GHz / 5.8GHz