

In-Building Panel Antenna (Code: PW-P-800/2700)



FEATURES

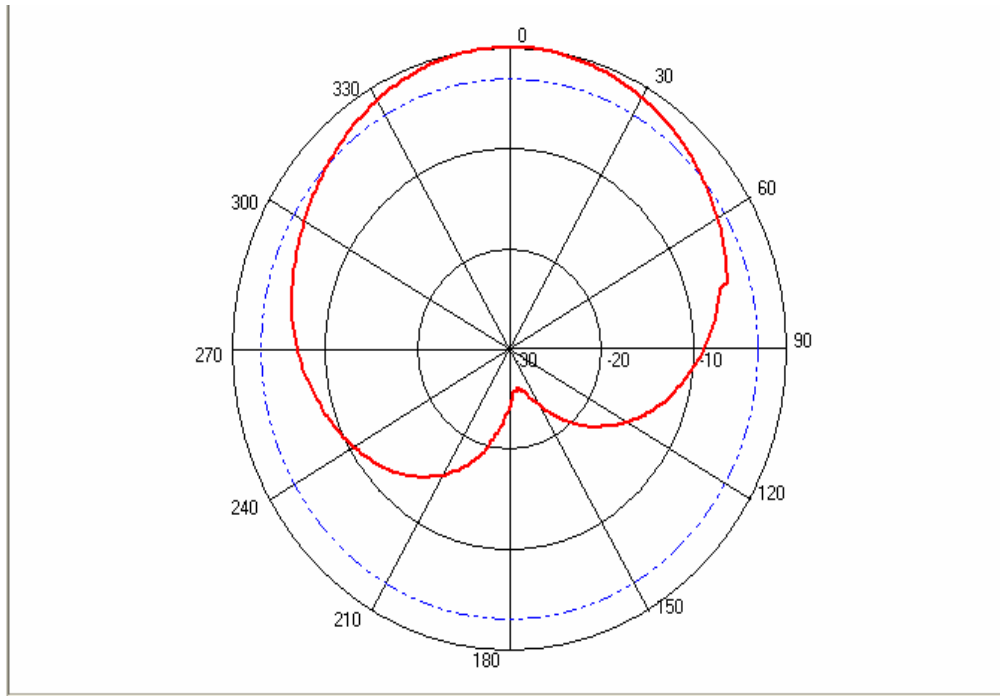
- Full 800 to 2700 MHz Operation
- Input Power 100 Watts Max
- Low Cost – Small & Light Weight
- Modular Design Easy to Install
- N female Connectors

Specifically designed for in-building passive distribution of the all cellular communications signal, covering the full 800 to 2700 Mhz bandwidth this antenna is also capable of operation in the WLAN band. The antenna is constructed from lightweight materials suitable for wall mounting.

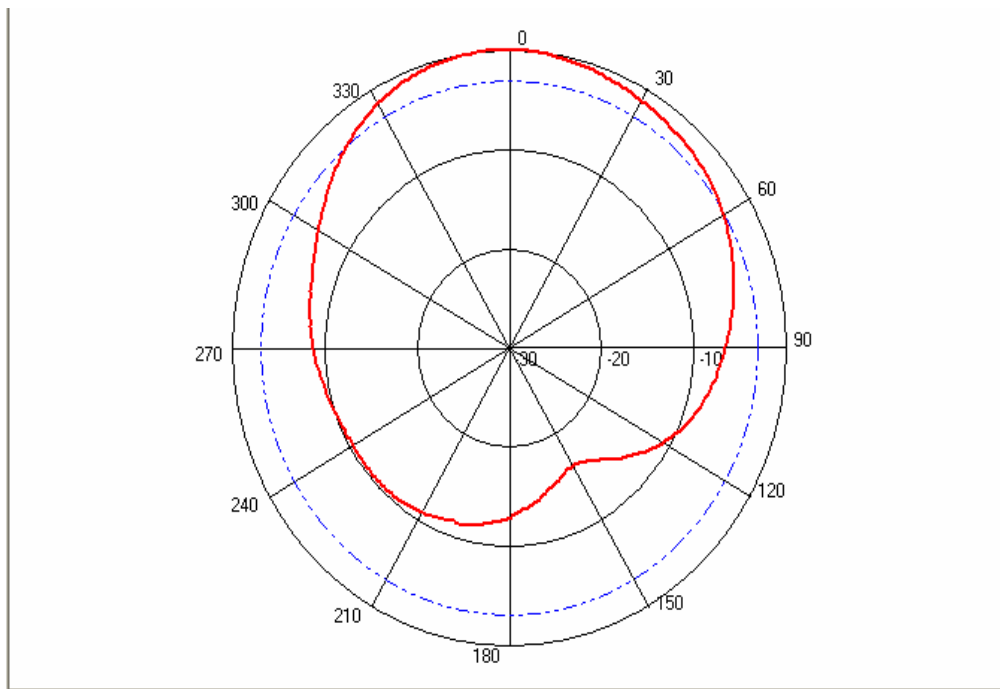
Specifications

Model Number	PW-P-800/2700
Frequency Range	800–960Mhz, 1710-2700 MHz
Gain	>6dBi at 800-960 Mhz >9dBi at 1710-2700 Mhz
VSWR	<1.5 :1 (Typical 1.35)
Impedance	50 Ohm
Polarisation	Vertical
Horizontal 3dB BW	75 degree @800-960Mhz 65 degree @1700-2700Mhz
Vertical 3dB BW	80 degree @800-960Mhz 60 degree @1700-2700Mhz
Max Input Power	100 Watts
Colour	Natural White
Weight	900 grams Max
Connection Type	N female with Pig Tail
Dimensions	220mm x 173mm x 44mm

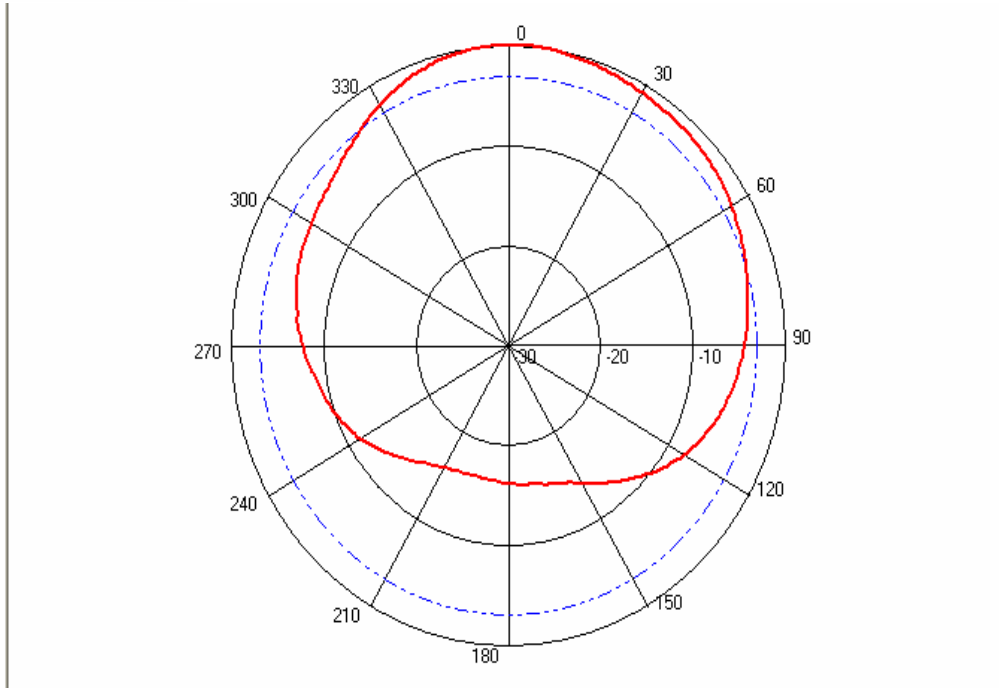
HORIZONTAL RADIATION PATTERN :



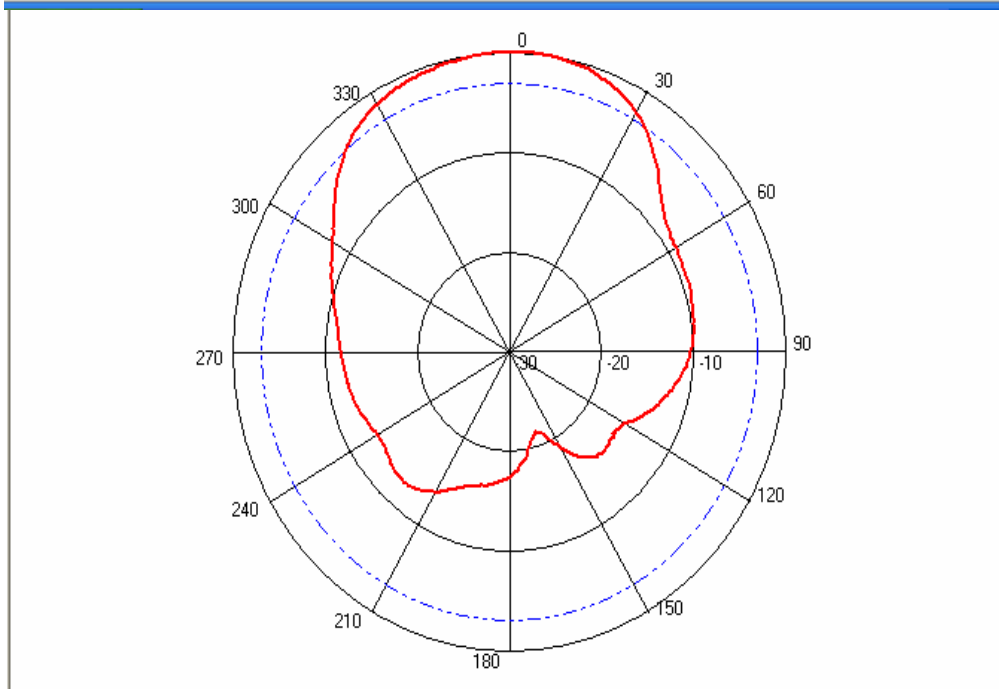
Ant Name : E: Directional
 Directivity : 5.99 dBi Date: 2007-3-13 Plane : 30/40
 Beam width : 96.0 normal Frequency : 806 -->



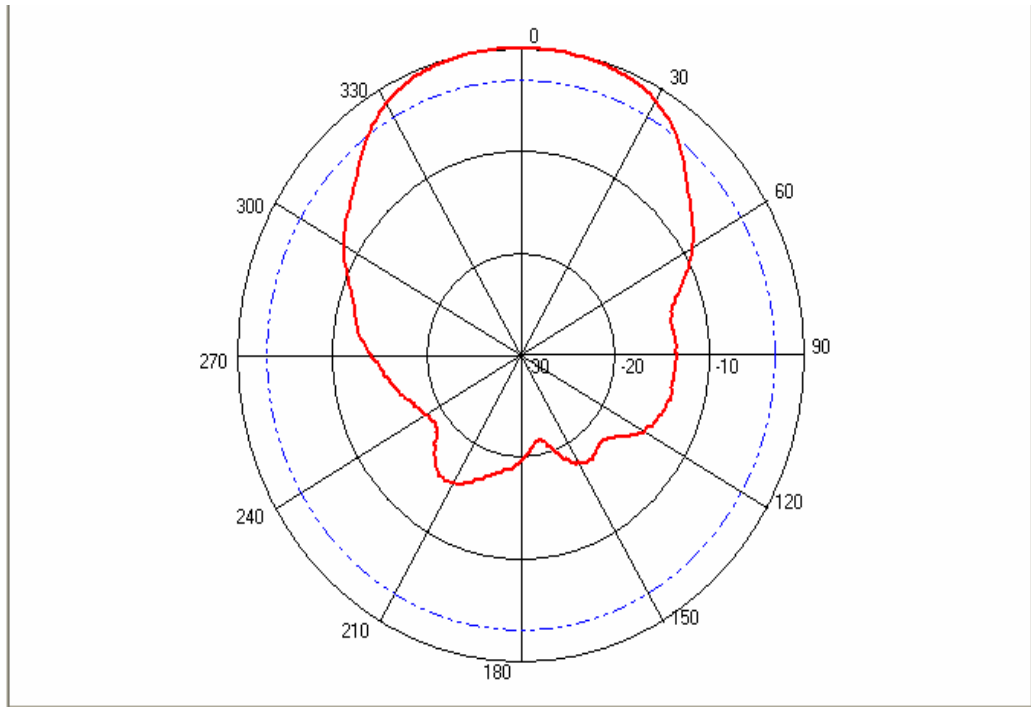
Ant Name : E: Directional
 Directivity : 5.87 dBi Date: 2007-3-13 Plane : 30/40
 Beam width : 97.0 normal Frequency : 890 -->



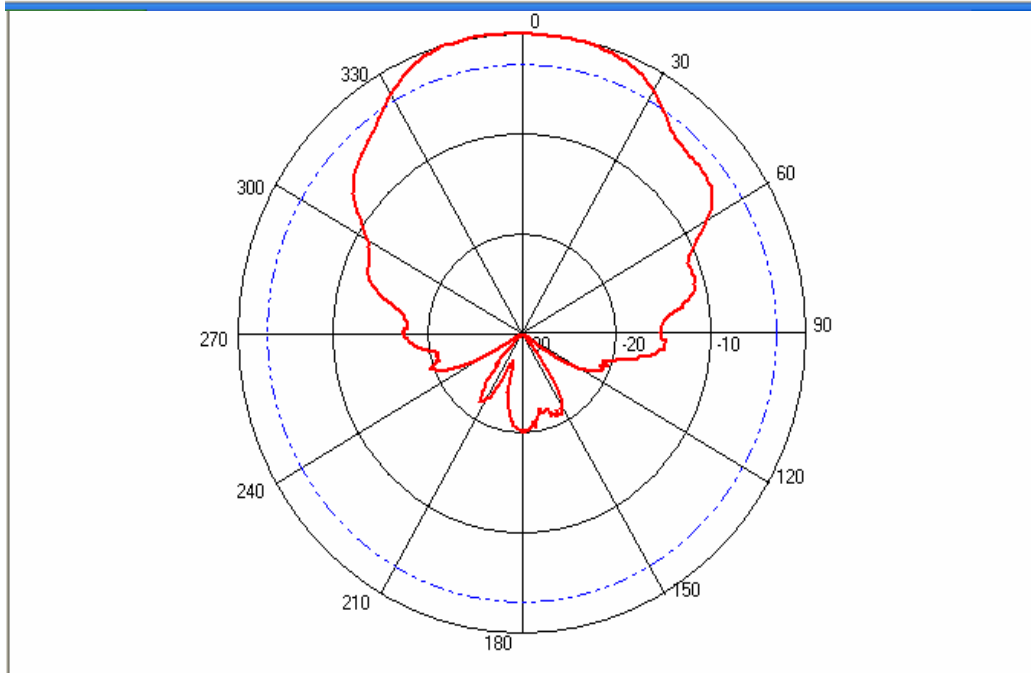
Ant Name :	E:\	Directional
Directivity :	5.17 dbi	Date: 2007-3-13
Beam width :	108.0	Plane :
	normal	Frequency :
		960



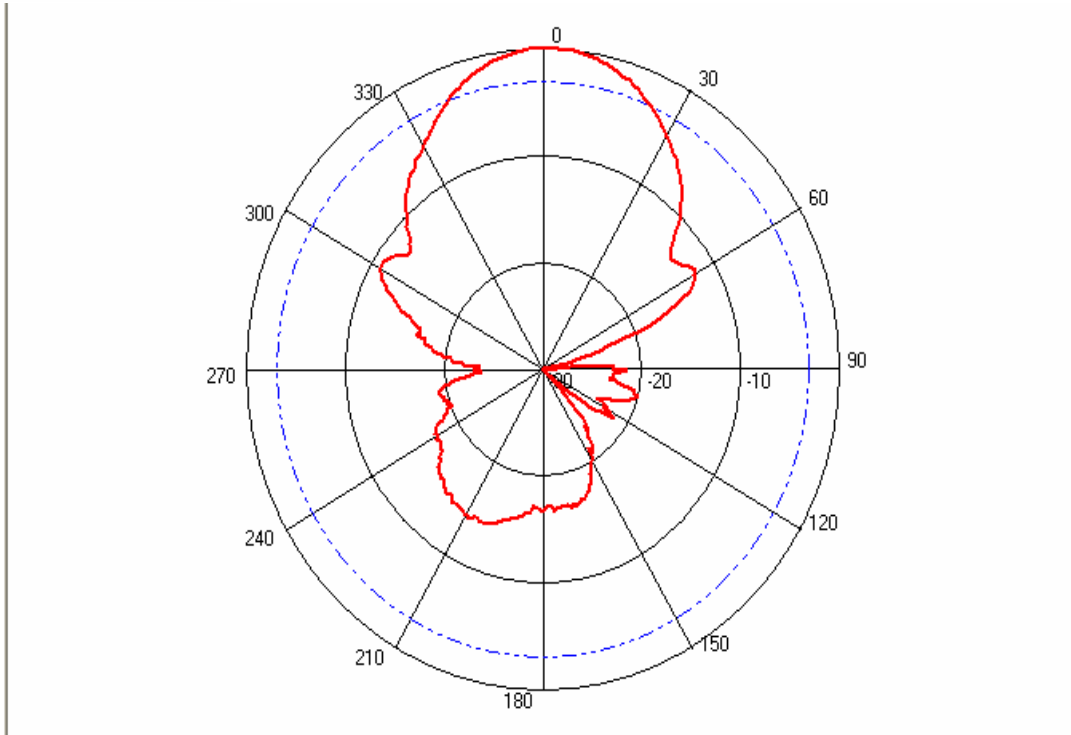
Ant Name :	E:\	Directional
Directivity :	7.94 dbi	Date: 2007-3-13
Beam width :	73.0	Plane :
	normal	Frequency :
		1710



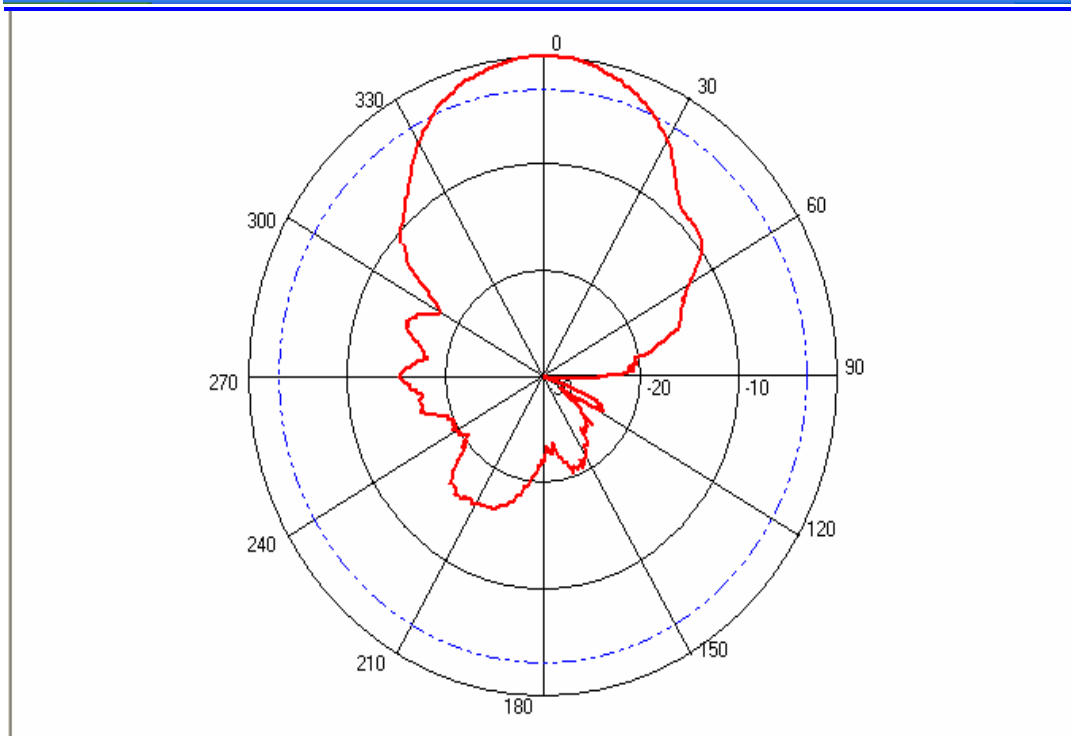
Ant Name :	E:1			Directional	
Directivity :	8.34 dbi	Date:	2007-3-13	Plane :	30/40
Beam width :	74.0	normal		Frequency :	1920



Ant Name :	E:1			Directional	
Directivity :	8.91 dbi	Date:	2007-3-13	Plane :	30/40
Beam width :	66.0	normal		Frequency :	2200

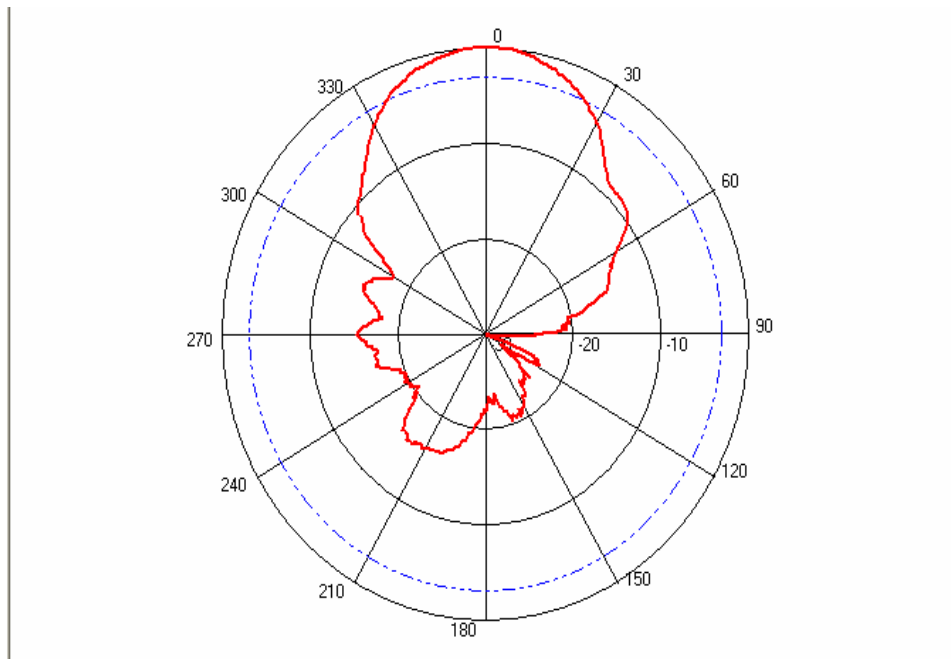


Ant Name :	E:\r			Directional
Directivity :	11.59 dbi	Date: 2007-3-13	Plane :	30/40
Beam width :	44.0	normal	Frequency :	2500

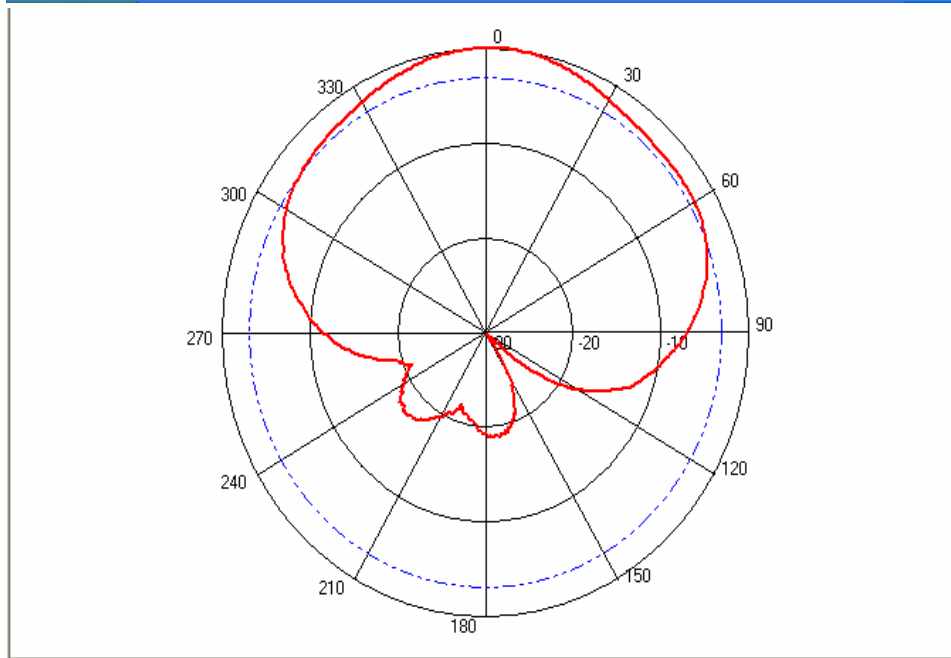


Ant Name :	E:\r			Directional
Directivity :	11.27 dbi	Date: 2007-3-13	Plane :	30/40
Beam width :	49.0	normal	Frequency :	2700

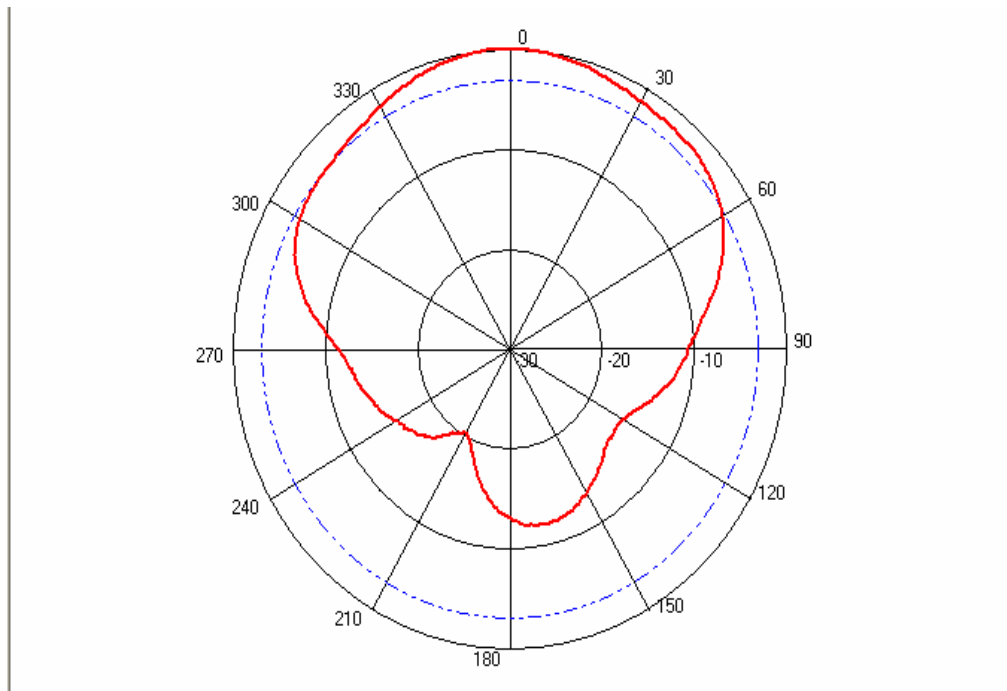
VERTICAL RADIATION PATTERN :



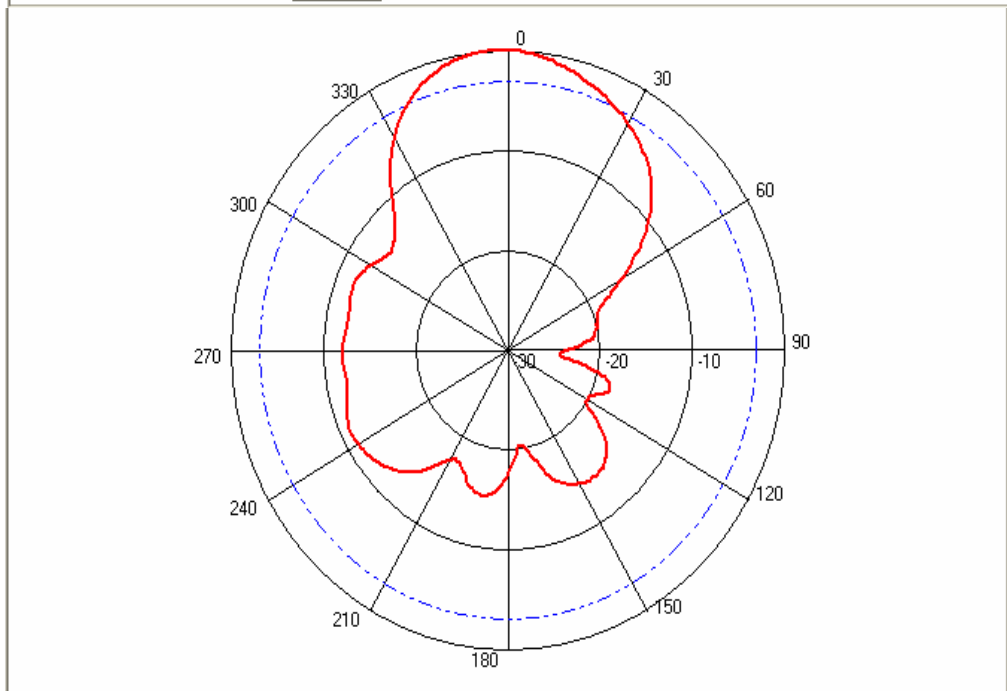
Ant Name : E:\
 Directivity : 11.27 dbi Date : 2007-3-13 Plane : 30/40
 Beam width : 49.0 normal Frequency : 2700 -->



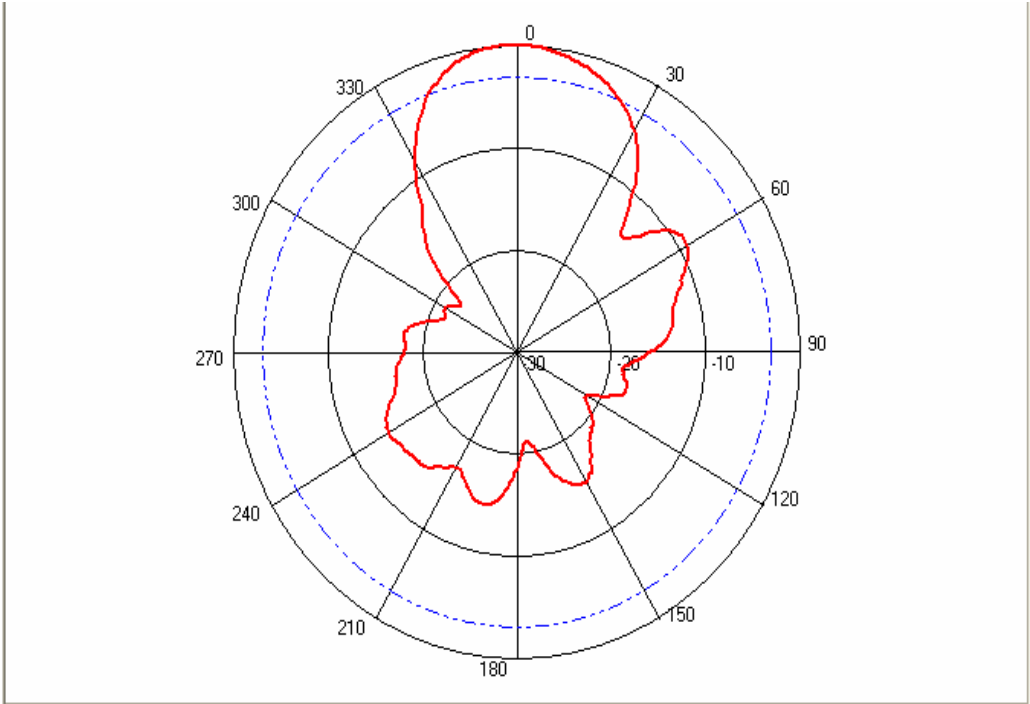
Ant Name : E:\
 Directivity : 6.09 dbi Date : 2007-3-13 Plane : 30/40
 Beam width : 117.0 normal Frequency : 890 -->



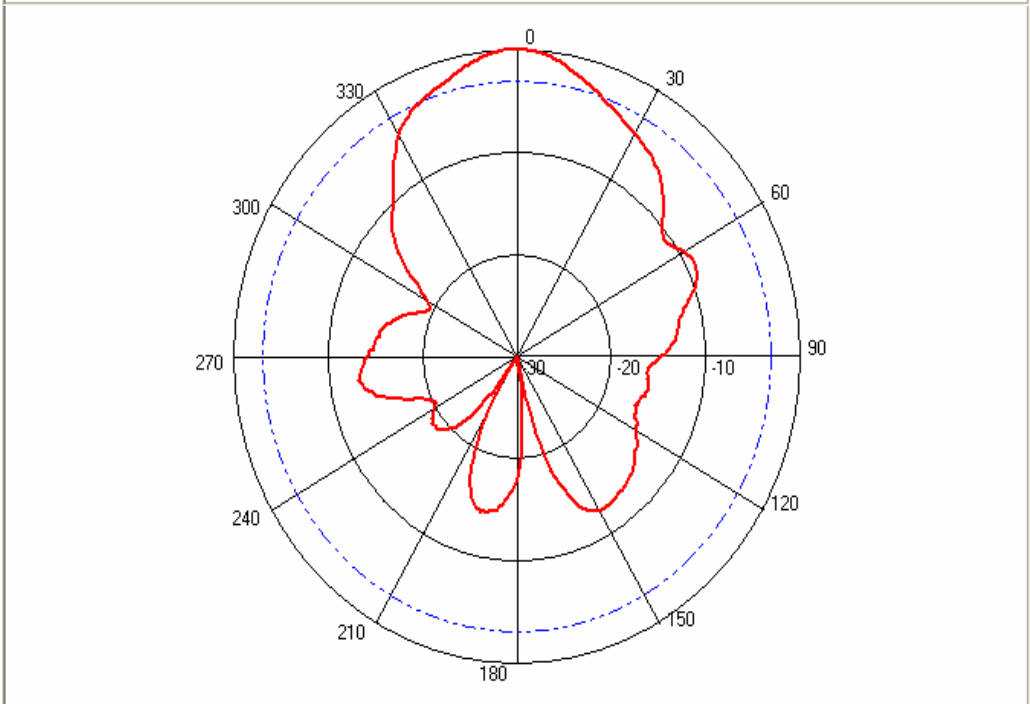
Ant Name : E:\ \ Directional
 Directivity : 6.40 dbi Date: 2007-3-13 Plane : 30/40
 Beam width : 101.0 normal Frequency : 960 -->



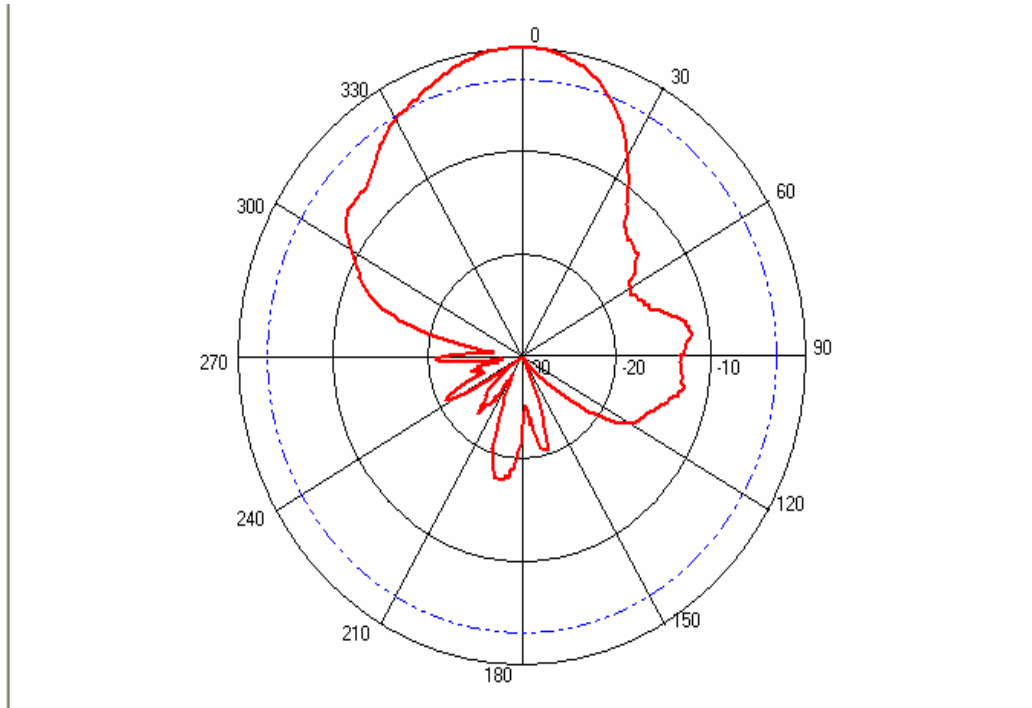
Ant Name : E:\ \ Directional
 Directivity : 10.46 dbi Date: 2007-3-13 Plane : 30/40
 Beam width : 49.0 normal Frequency : 1710 -->



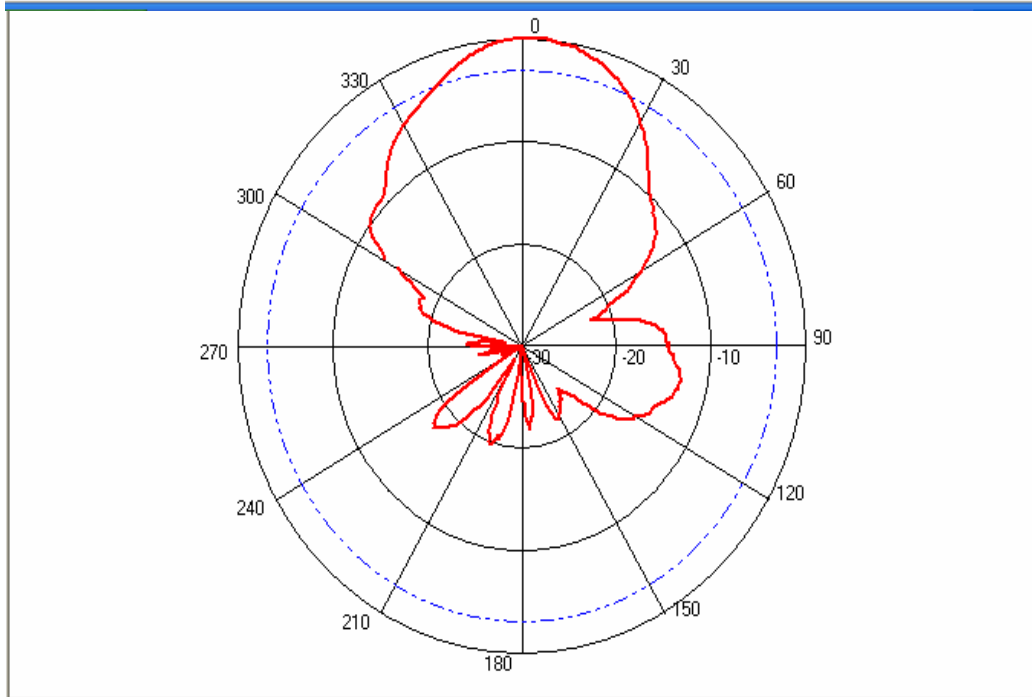
Ant Name :	E:\			Directional	
Directivity :	11.68 dBi	Date :	2007-3-13	Plane :	30/40
Beam width :	43.0	normal		Frequency :	1920



Ant Name :	E:\			Directional	
Directivity :	10.78 dBi	Date :	2007-3-13	Plane :	30/40
Beam width :	40.0	normal		Frequency :	2200

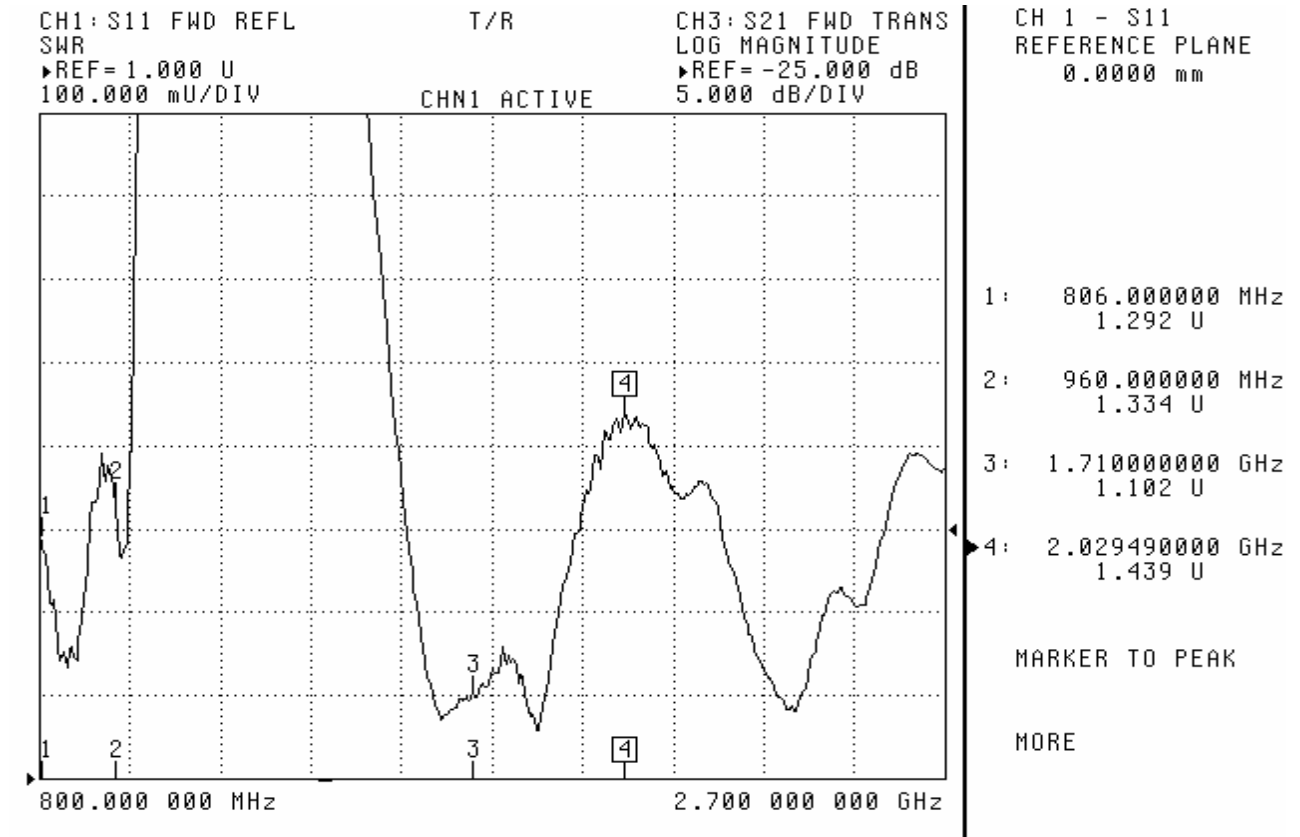


Ant Name :	E:\			Directional
Directivity :	10.92 dBi	Date: 2007-3-13	Plane :	30/40
Beam width :	46.0	normal	Frequency :	2500



Ant Name :	E:\			Directional
Directivity :	11.46 dBi	Date: 2007-3-13	Plane :	30/40
Beam width :	44.0	normal	Frequency :	2700

VSWR PLOT :



GAIN CURVE :

