

# 1800 MHz GSM Flexible Antenna

## TECHNICAL DATA SHEET

07-18-001-01A

### Electrical Specifications:

Parameter	GSM (B3 band)	
	1710-1785	1805-1880
Cellular Band (MHz)	1710-1785	1805-1880
Return Loss (dB)	< -10	< -10
Efficiency (%)	88%	86 %
Gain (dBi)	4.2	5
Impedance	50	
VSWR	<1.9:1	
Polarization	Linear	
Power handled	5W	



### Mechanical Specifications:

Dimensions	141.5 X 40 X 0.1 mm
Weight	1.9 g
Connector	MHFI (U.FL Compatible)
Cable Standard	Mini-Coax 1.37 mm
Cable Length and color	100 mm, Black

### Environmental Specifications:

Operation	-40 °C to +85 °C
Storage Temperature	-40 °C to +85 °C
RoHS Compliant	Yes

# ASTHRA PROJECTS

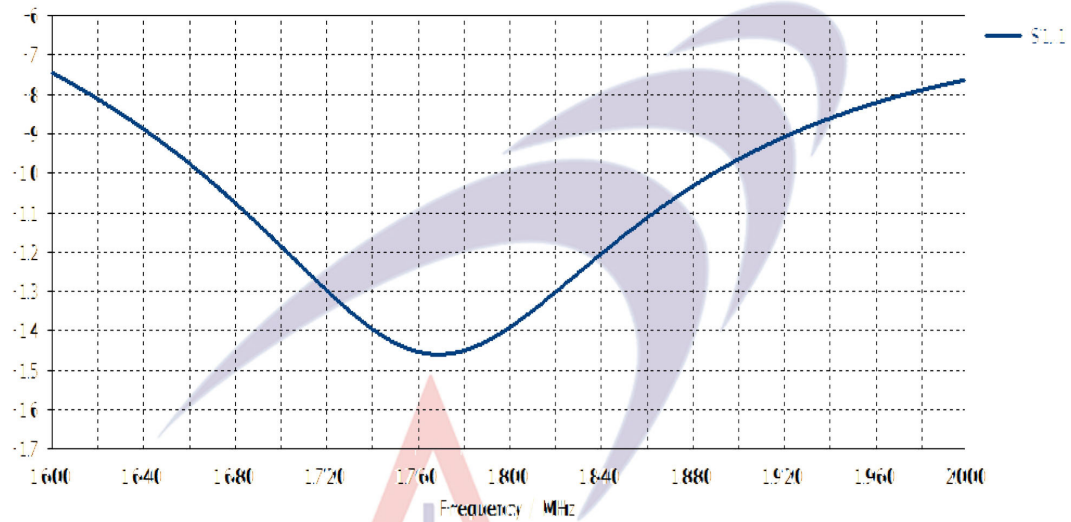
#LIG- B329, Near old HMTV, Dr.A.S.Rao Nagar,  
ECIL Post, Hyderabad-500062. Ph: 040-40264887  
Mail: [info@asthraprojects.com](mailto:info@asthraprojects.com)  
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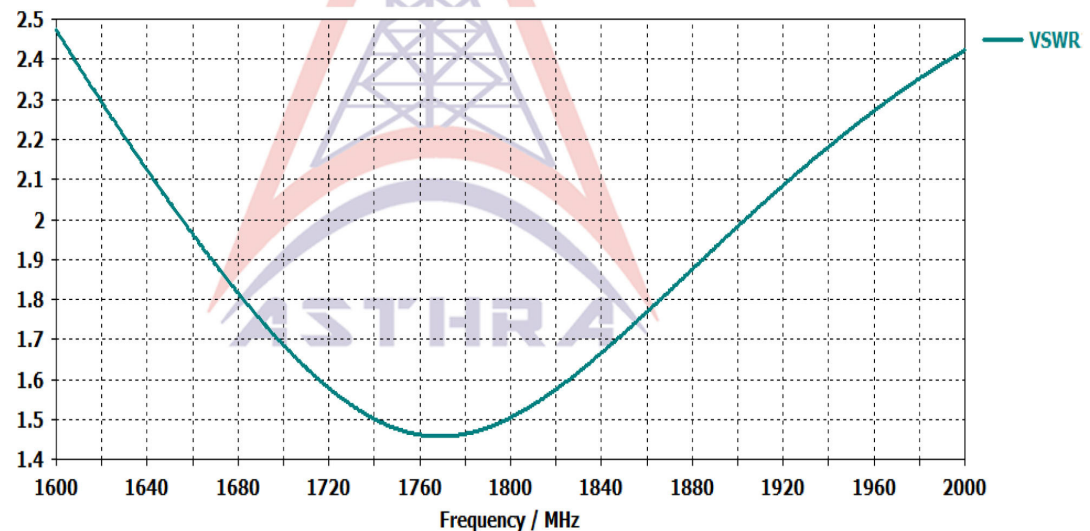
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## Return Loss:



## VSWR:



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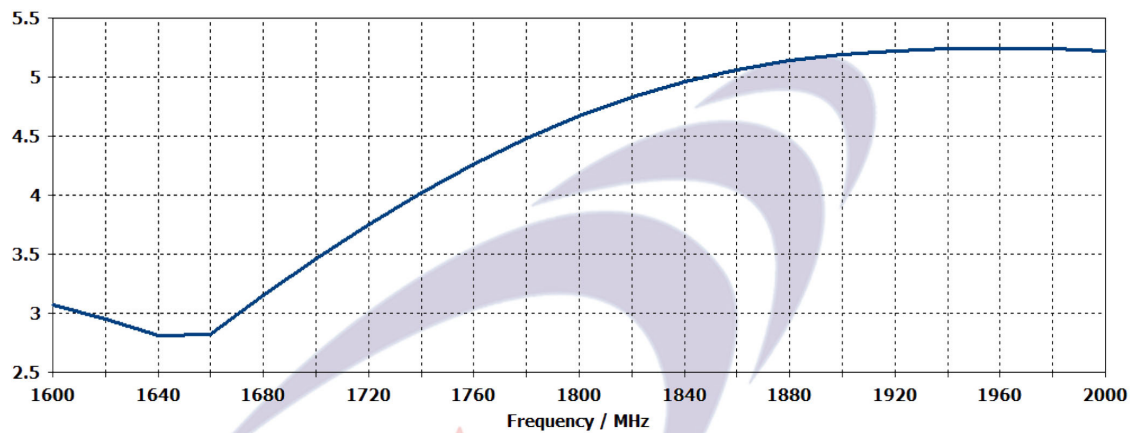
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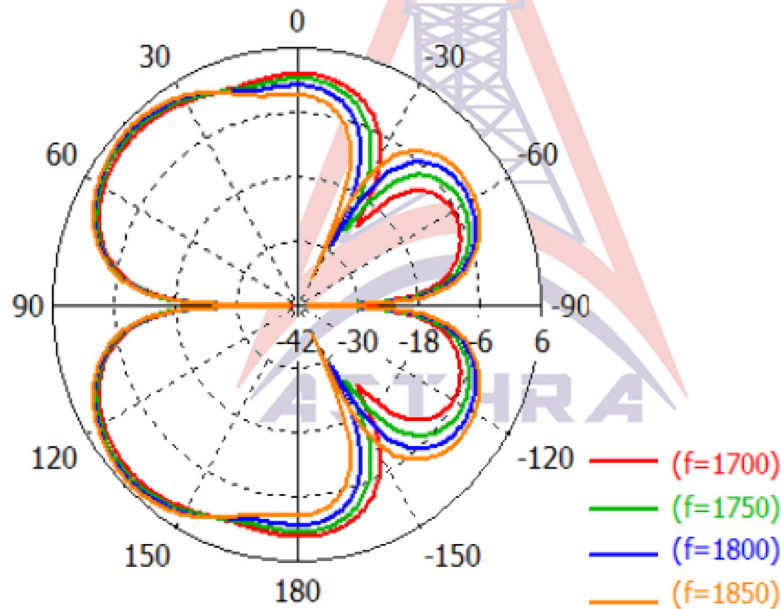
07-18-001-01A

## Peak Gain (dBi):



## Radiation Patterns:

### Radiation pattern XY Plane:



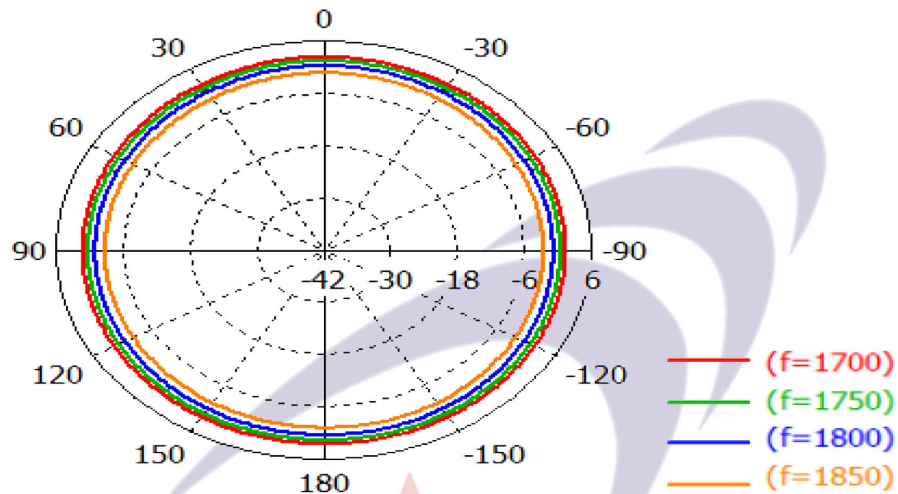
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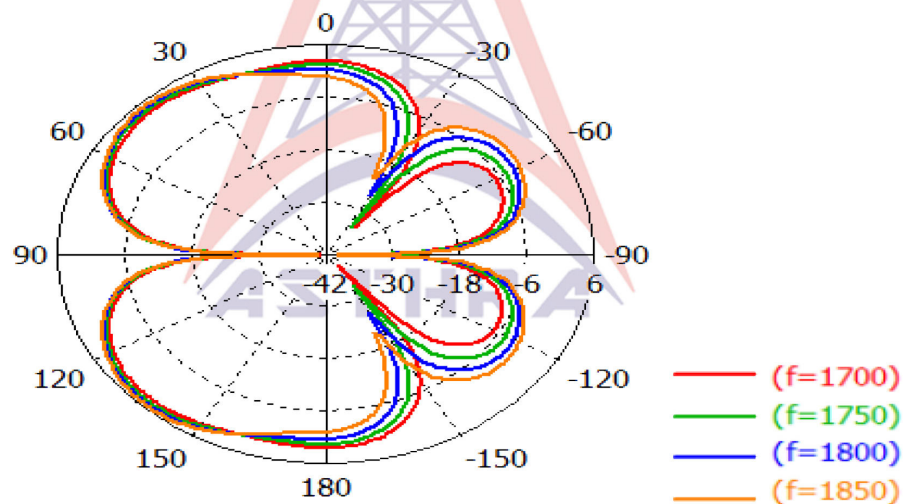
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## Radiation pattern XZ Plane:



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