

# 1.2 GHz ANTENNA

TECHNICAL DATA SHEET

20-24-0001-01A

## Electrical specifications:

Frequency	1.2 GHz
Gain	2dBi
Return Loss	<-10dB
Impedance	50 Ohms
VSWR	≤ 1.8:1
Polarization	Linear
Power handled	5W



## Mechanical Specifications:

Dimensions	: 90 X 16 X 7mm
Weight	: 30 gms
Cable Standard	: LMR100A-or equivalent
Cable Length	: 100 mm

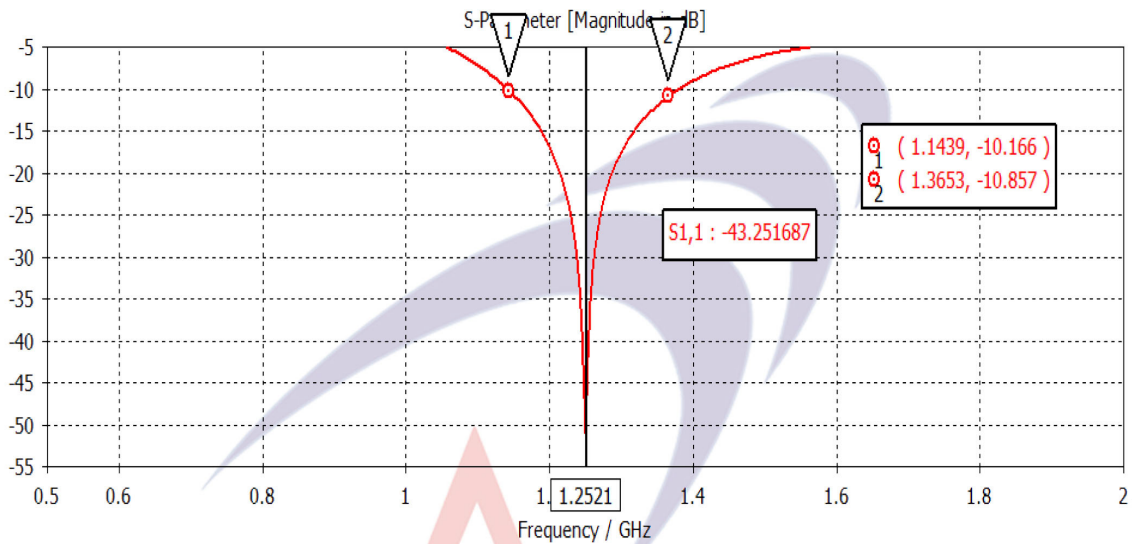
## Environmental Specifications:

Operational temperature	:-40°C to +85°C
Storage Temperature	:-40°C to +85°C
RoHS Compliant	: Yes

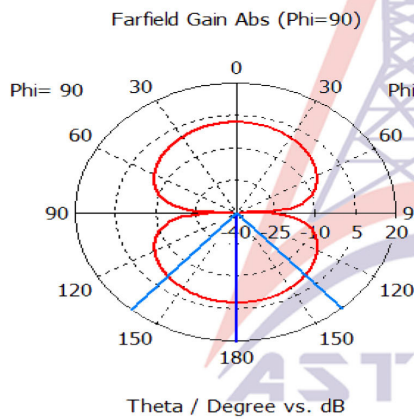
# ASTHRA PROJECTS

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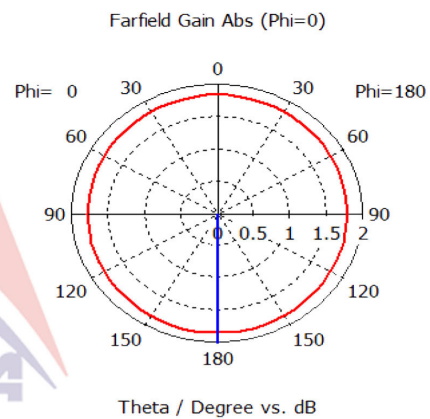
**Return loss:**



**Radiation pattern:**



Frequency = 1.2  
 Main lobe magnitude = 1.84 dB  
 Main lobe direction = 180.0 deg.  
 Angular width (3 dB) = 82.5 deg.



Frequency = 1.2  
 Main lobe magnitude = 1.84 dB  
 Main lobe direction = 180.0 deg.