

L- Band Antenna - Artillery Fuze

TECHNICAL DATA SHEET

23-04-1704-02A

Electrical specifications:

Antenna type	L-Band Antenna - Artillery Fuze
Frequency	1.48-1.52GHz
Gain	4dBi
Impedance	50 Ohm
Return Loss	<-10dB
VSWR	≤ 2:1
Half power beam width	120° or more in Azimuthal Plane 100° or more in Elevation Plane
Polarization	Vertical
Beam pattern	Directional
Power handled	>100W



Mechanical Specifications:

Dimension : 40mmX30mm diameter
Connector : SMA Female
Mounting material : Stainless Steel/Aluminum

Environmental Specifications:

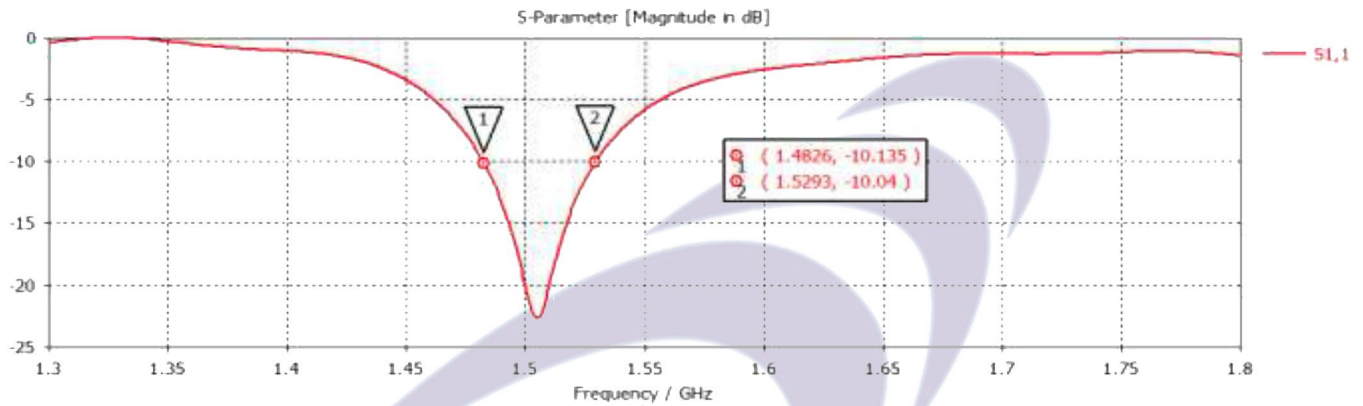
Operation : -30 °C to +85 °C
Humidity : 0-95%

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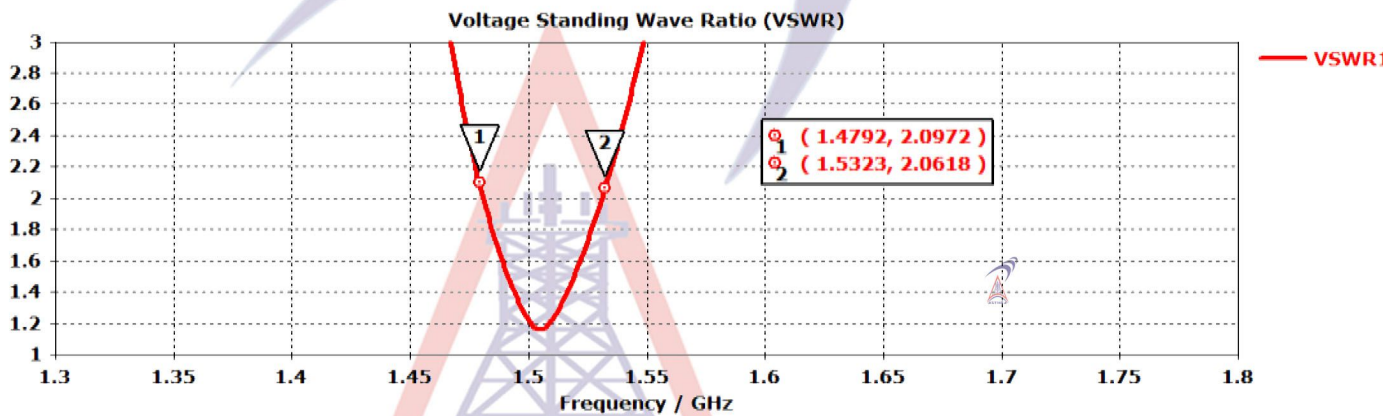
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Return loss:



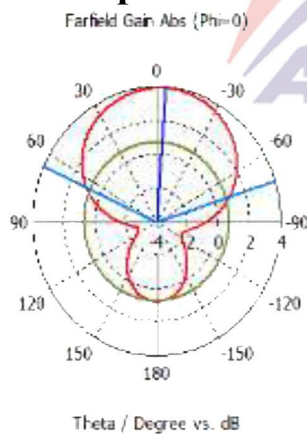
Vswr:



Radiation patterns:

For 1.5GHz:

Azimuthal plane:



Elevation plane:

