

2.4GHz Series Ground Coupled Antenna

TECHNICAL DATA SHEET

07-22-001-01A

Electrical Specifications:

Parameter	Multi Standard			
Communication System	Bluetooth	Wi-Fi	ZigBee	2.4 GHz ISM
	2401-2480	2412-2462	2410-2480	2400-2483.5
Efficiency (%)	80%			
Gain	5dBi			
Return Loss	-15 dB			
Impedance	50 Ohms			
VSWR	$\leq 2.0:1$			
Polarization	Linear			
Power handled	5W			



Mechanical Specifications:

Dimensions	32 X 32 X 0.12 mm
Weight	1.2 g
Connector	U.FL
Cable Standard	Mini-Coax 1.13 mm
Cable Length and color	100 mm, Black

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#LIG- B329, Near old HMTV, Dr.A.S.Rao Nagar,
ECIL Post, Hyderabad-500062. Ph: 040-40264887
Mail: info@asthraprojects.com
Web: www.asthraprojects.com

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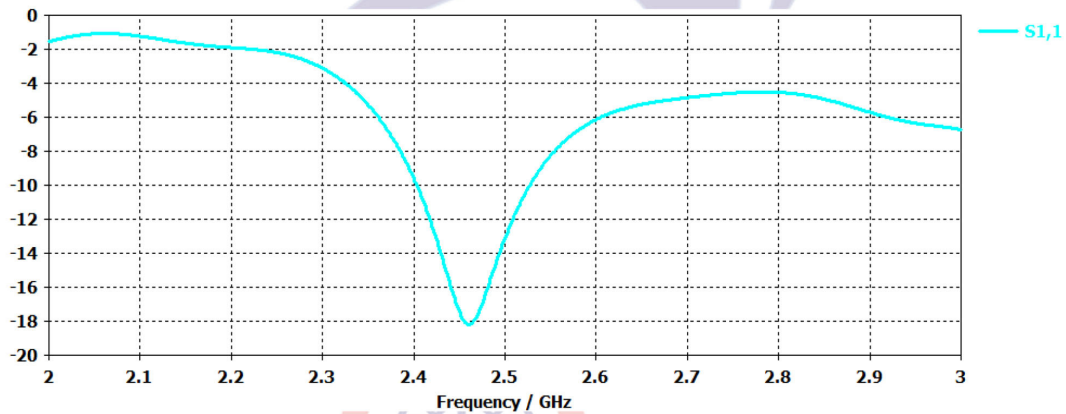
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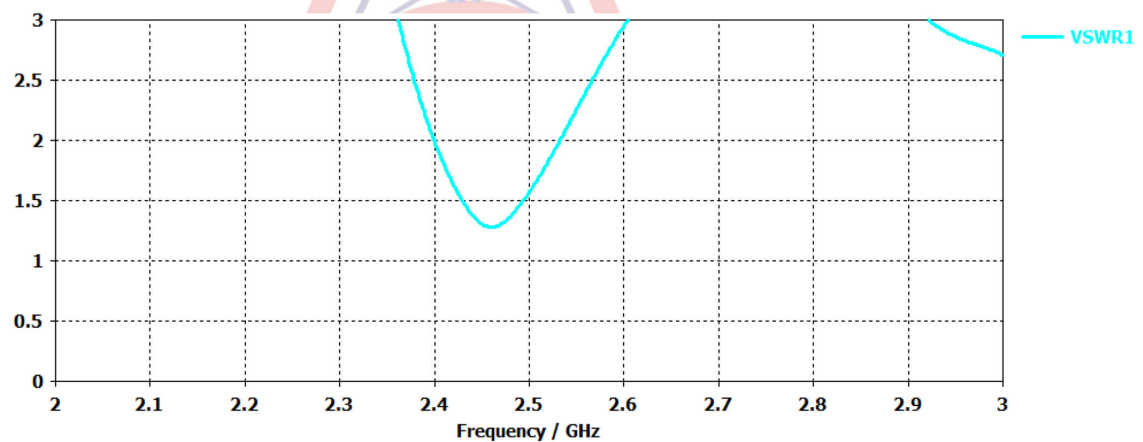
Environmental Specifications:

Operation	-40 °C to +85 °C
Storage Temperature	-40 °C to +85 °C
RoHS Compliant	Yes
Adhesive	3M 467

Return Loss:



VSWR:



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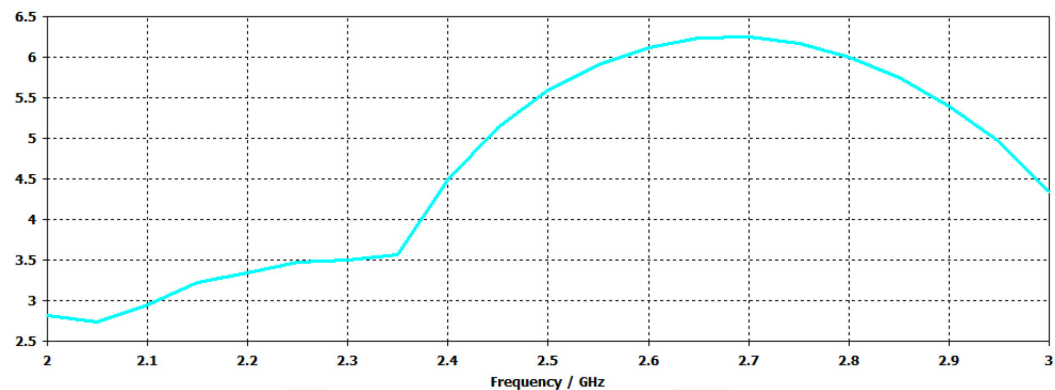
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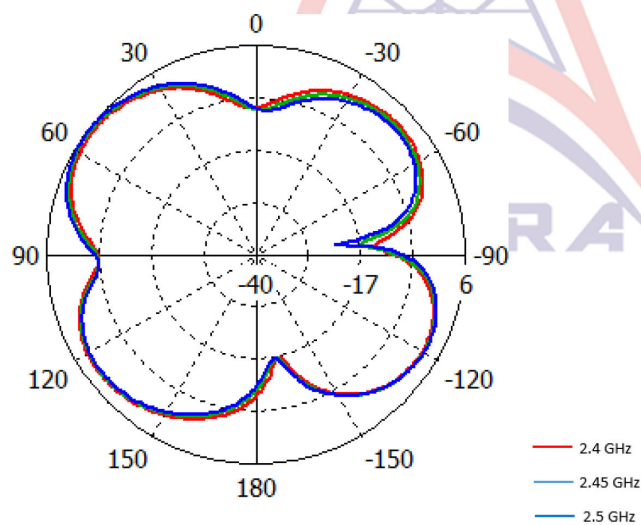
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Peak Gain (dBi):



Radiation Patterns:

Radiation pattern XY Plane:



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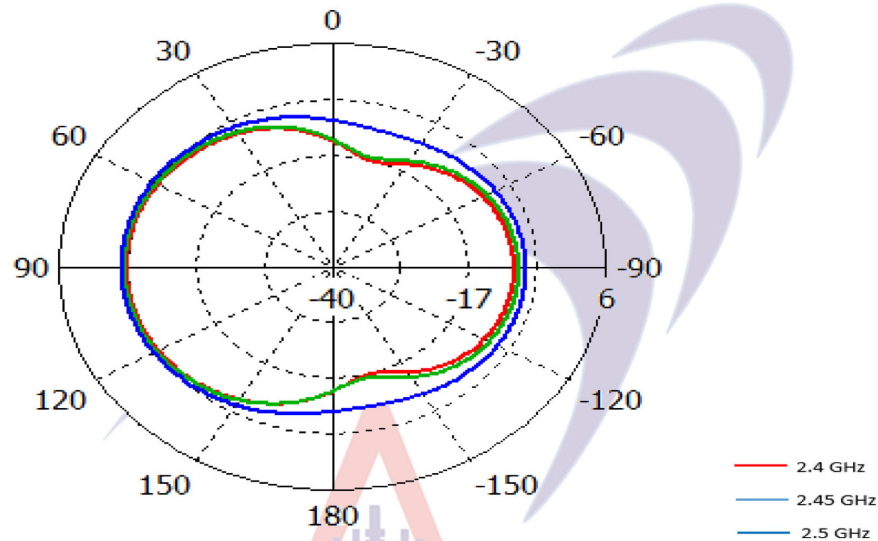
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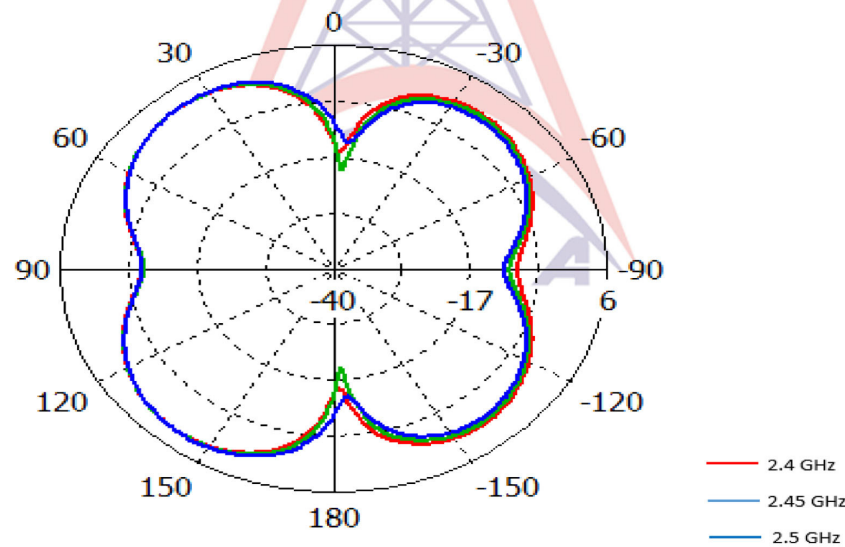
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Radiation pattern YZ Plane:



Radiation pattern XZ Plane:



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