

Product: 2-6G Planar Spiral Antenna

Part Number: LANT05380



Specification					
No	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	2	-	6	GHz
2	Gain		0		dBi
3	Polarization	Right-handed circular polarization			
4	3dB Beam width, E-Plane		60		° degree
5	3dB Beam width, H-Plane		60		° degree
6	VSWR	-	2.0		-
7	Axial ratio		2.0		dB
8	weight	80G			
9	Outline:	55×55×47 (mm)			
10	Impedance	50			Ω
11	Connector	SMA-K			
12	surface	Gray			

Remarks:

Power rating is for load vswr better than 1.20:1

Environmental Specifications	
Operational Temperature	-40°C~+55°C
Storage Temperature	-50°C~+105°C
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions
Rohs	compliant
Weight	50g
Packing	Carton packing case (customizable)
Application	Testing or monitoring can be carried out in conjunction with the receiver, and it can be used in various applications.

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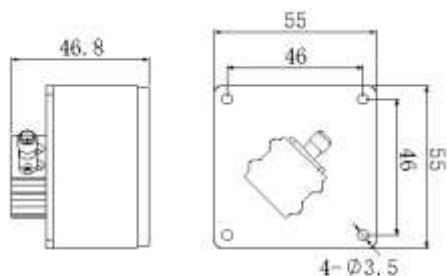
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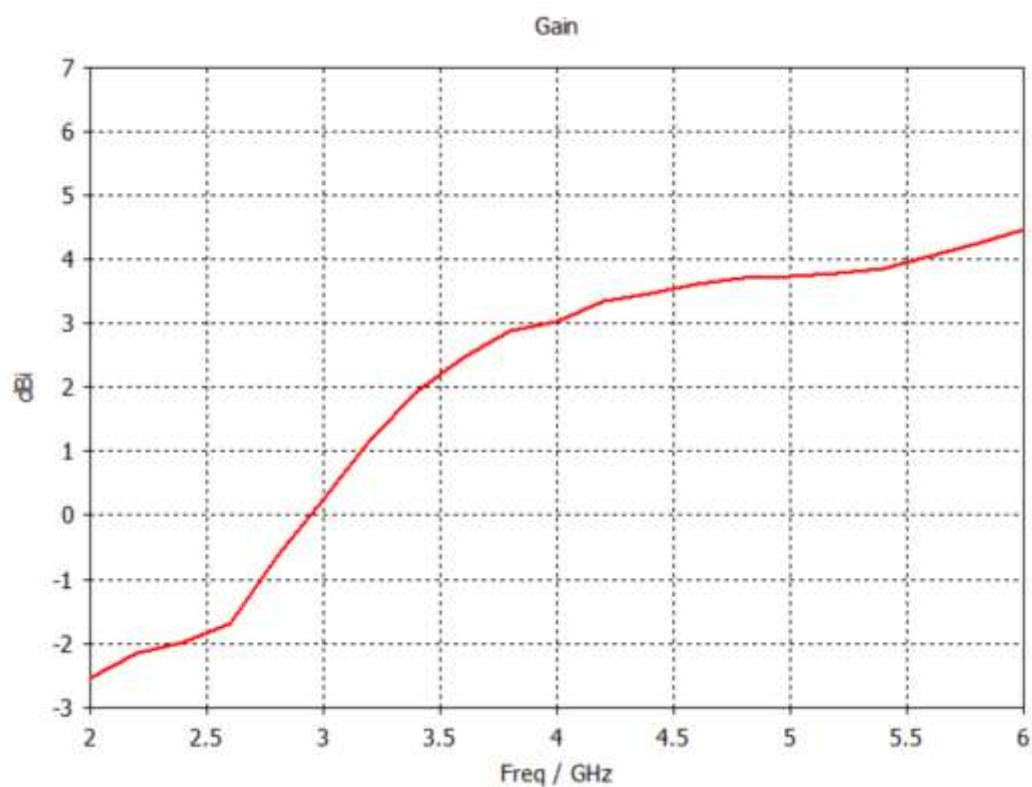
Outline Drawing:

All Dimensions in mm Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$ All Connectors: SMA-K



Gain



VSWR

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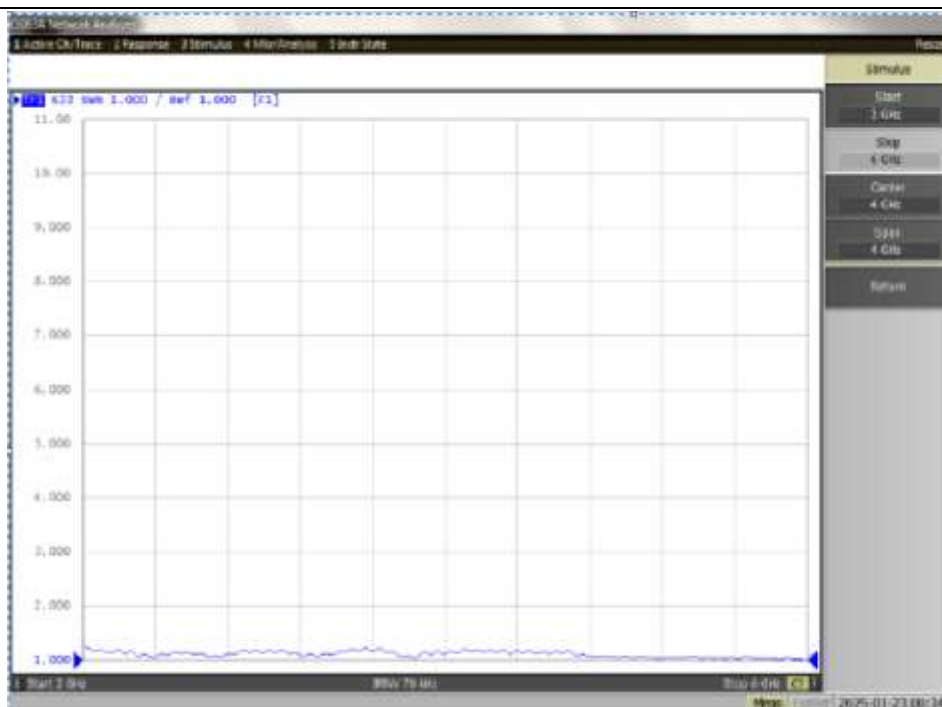
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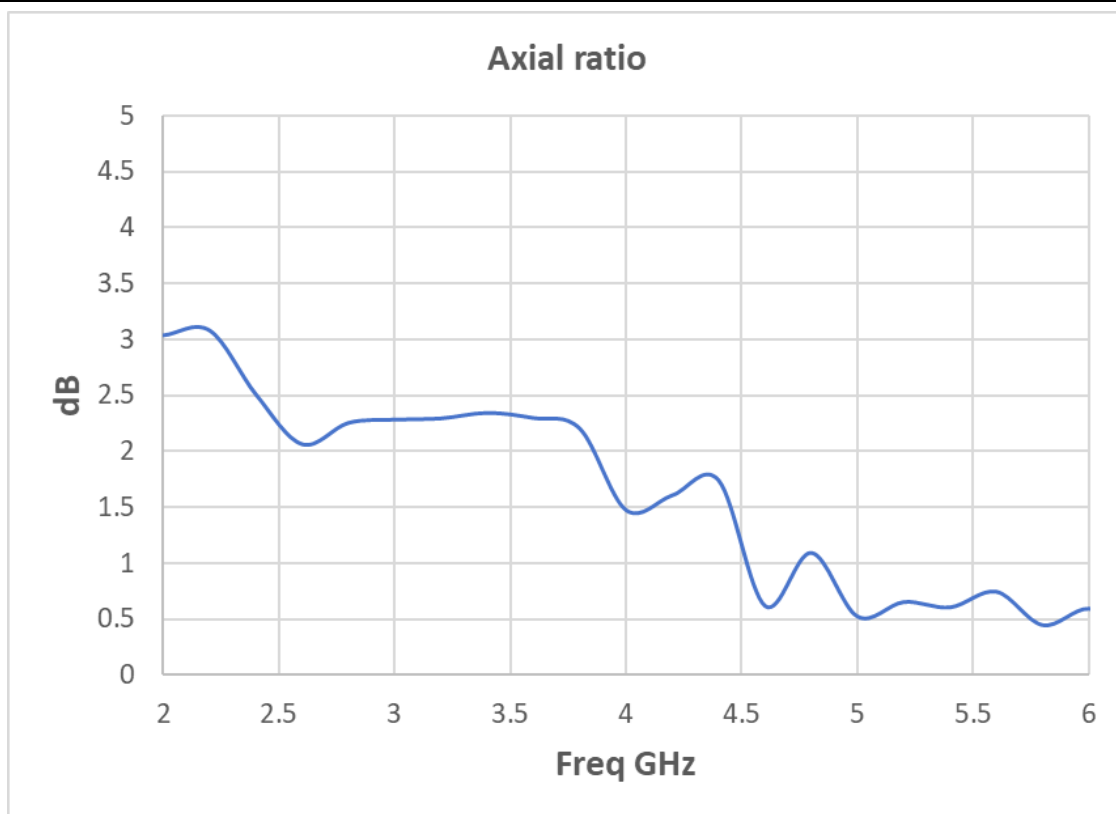
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Axial ratio



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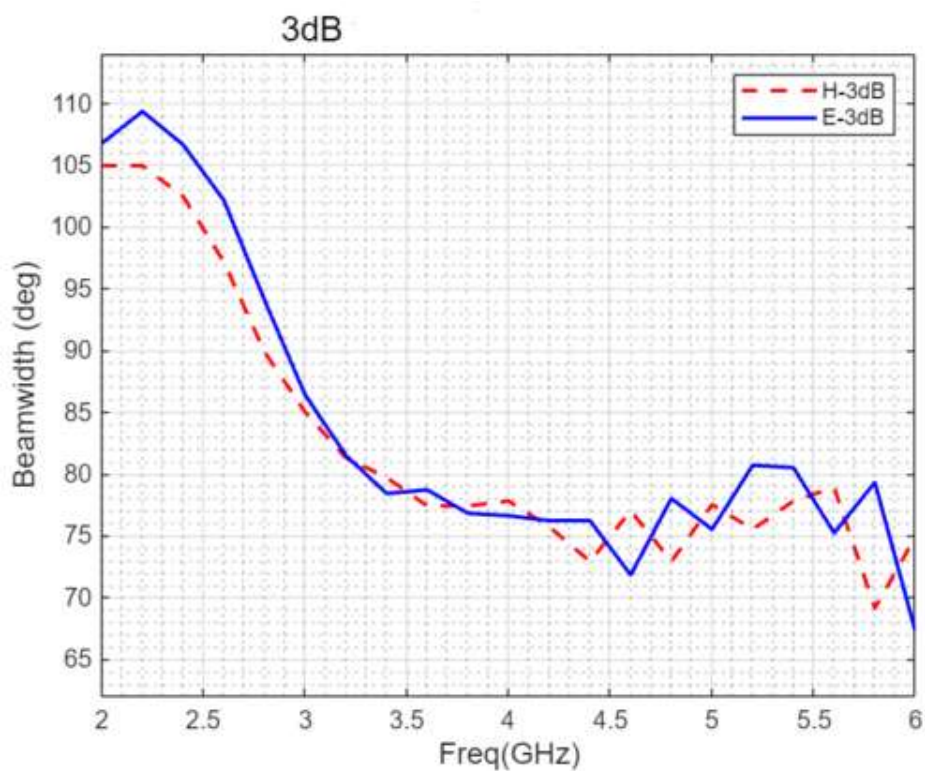
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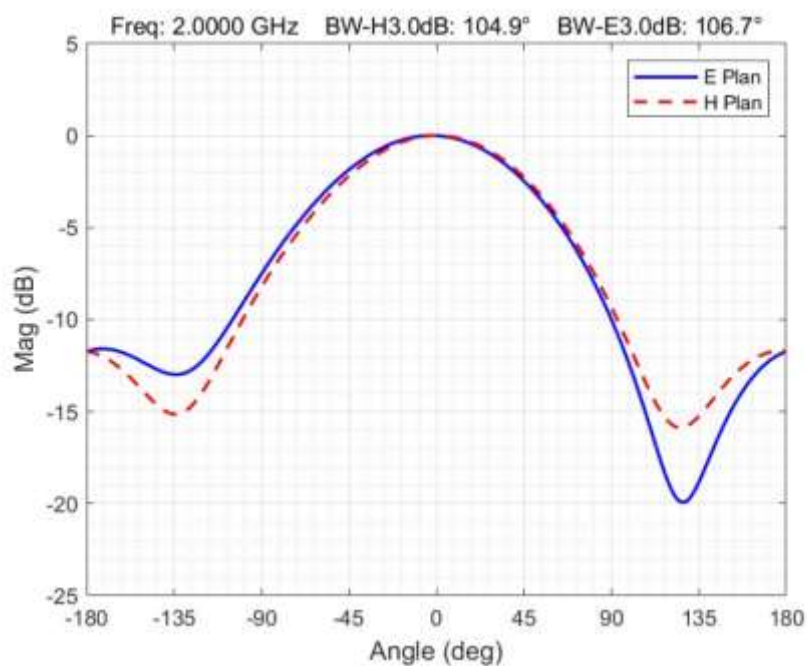
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Beam width



Mag-pattern



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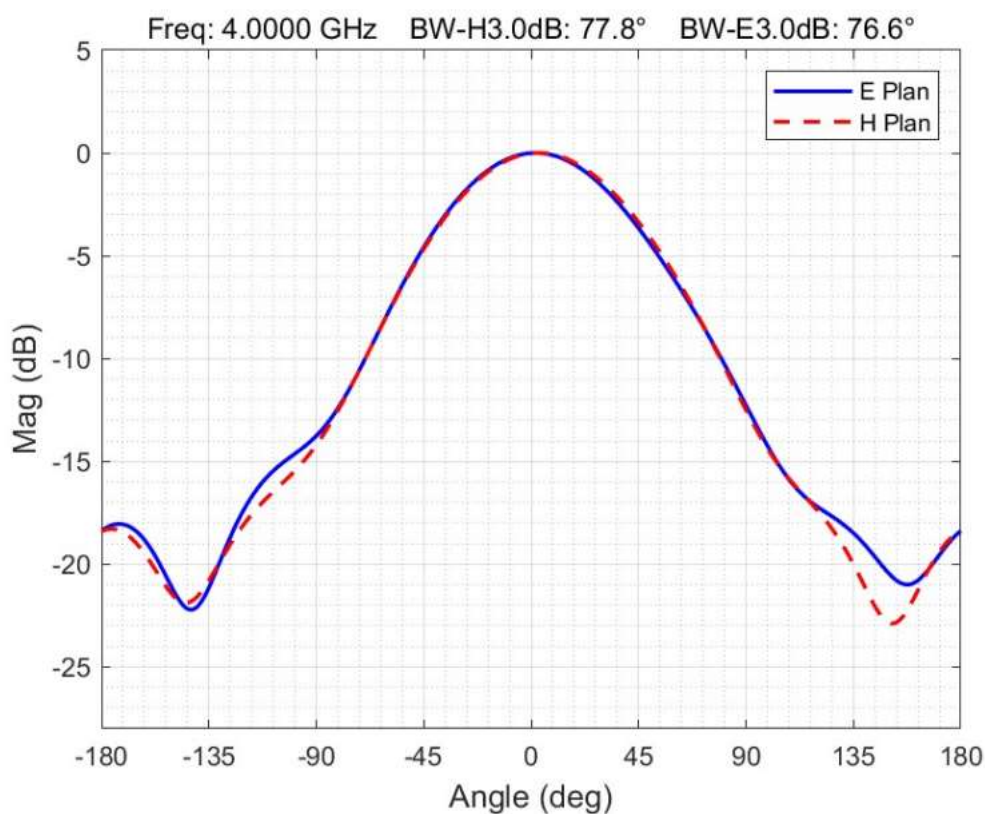
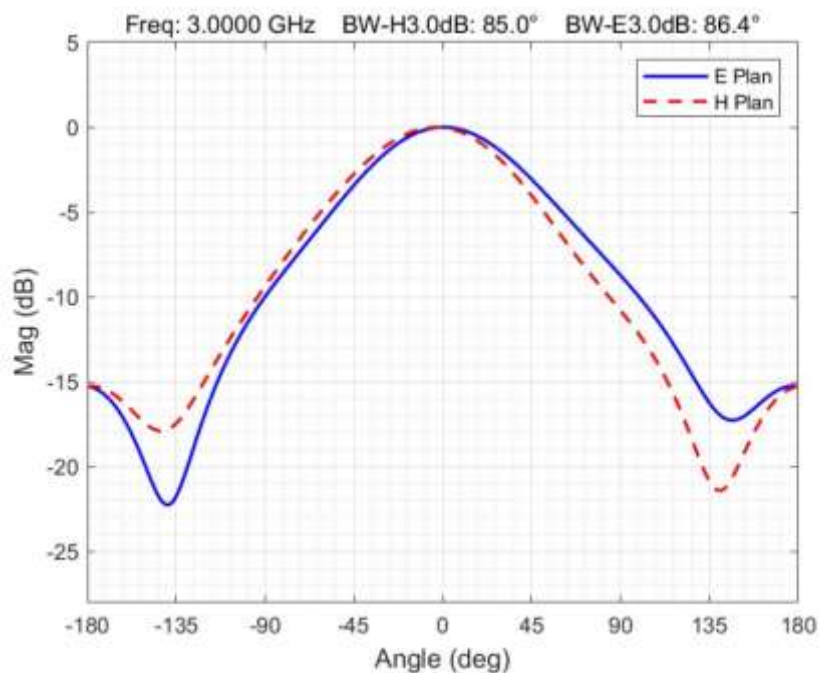
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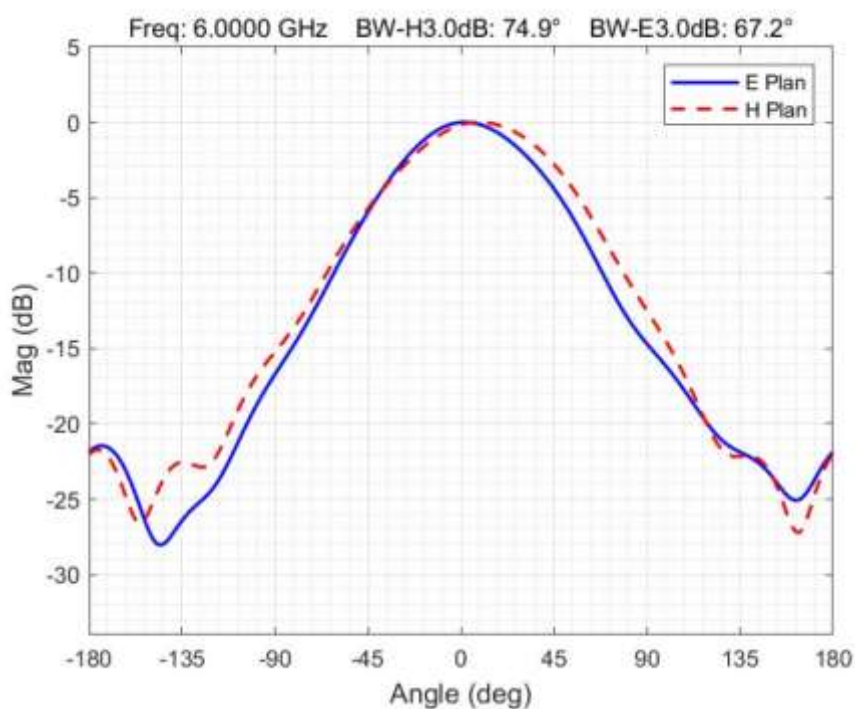
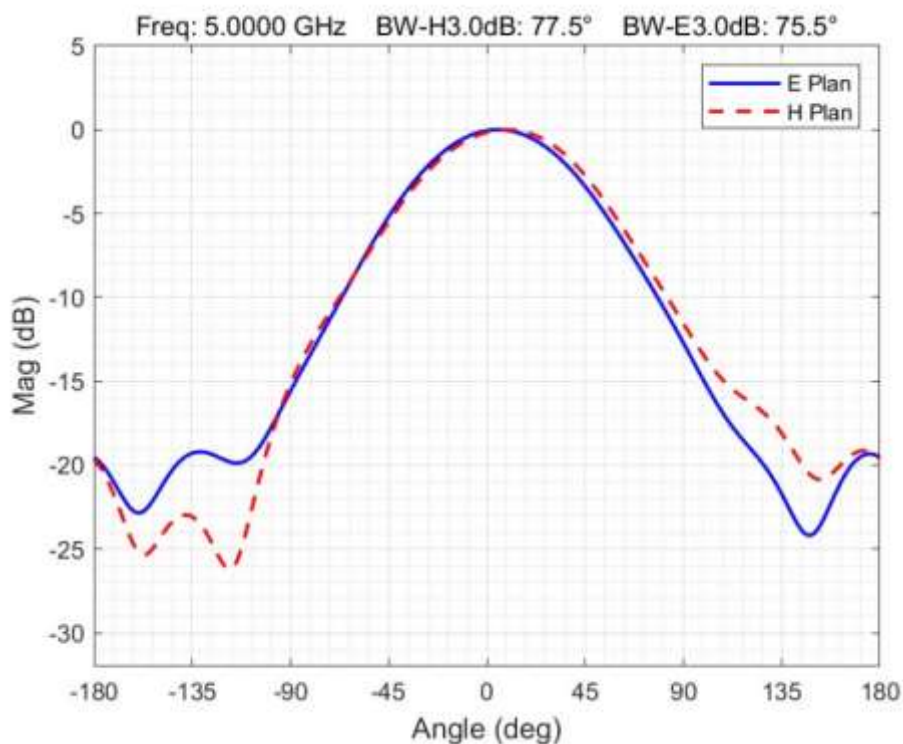
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