

Product:0. 4GHz~8G Hand-Held Log-Periodic Antenna

Part Number: ANT00388P0



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	0.4	-	8	GHz
2	Gain, Typ (dBi)		5		dB
3	Polarization	linear polarization			
4	3dB Beamwidth, E-Plane, Min (Deg.):		55		degree
5	3dB Beamwidth, H-Plane, Min (Deg.)		60		degree
6	VSWR	-	2.0-		-
7	weight	1.2KG			
8	Outline:	465×320×26 (mm)			
9	Impedance	50			Ω
10	Connecter	SMA-50K			
11	surface	BLACK			
12	applicable scene	portable			

Environmental Specifications	
Operational Temperature	-40°C~+85°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

Outline Drawing:

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: SMA-50K

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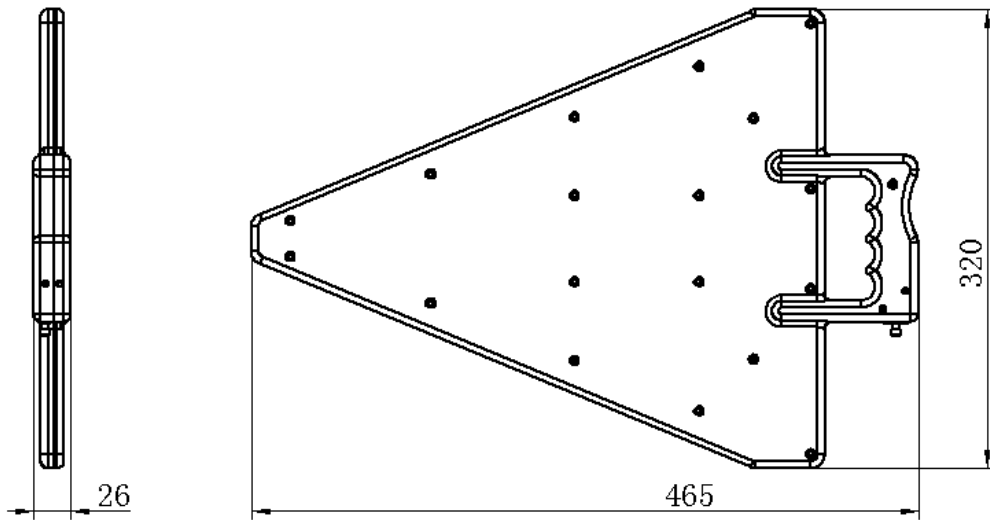
电话: 028-65199117 传真: 028-65199116

<http://www.leadermicrowave.com> sales@leader-mw.com

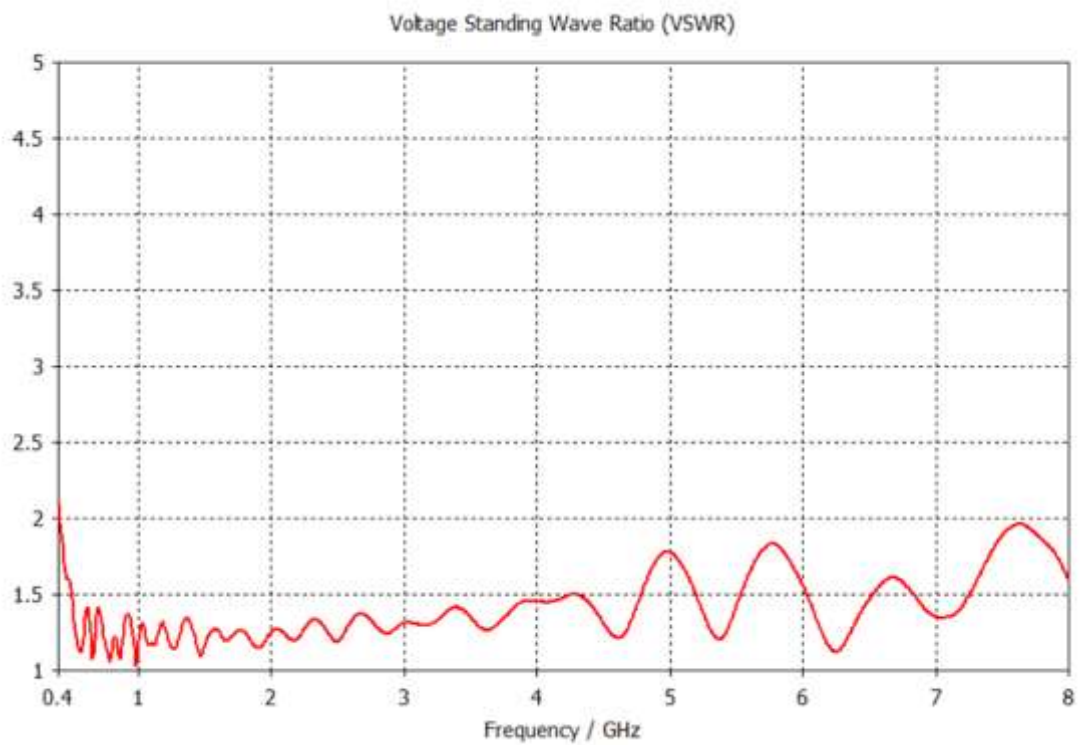
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TEST DATA vswr



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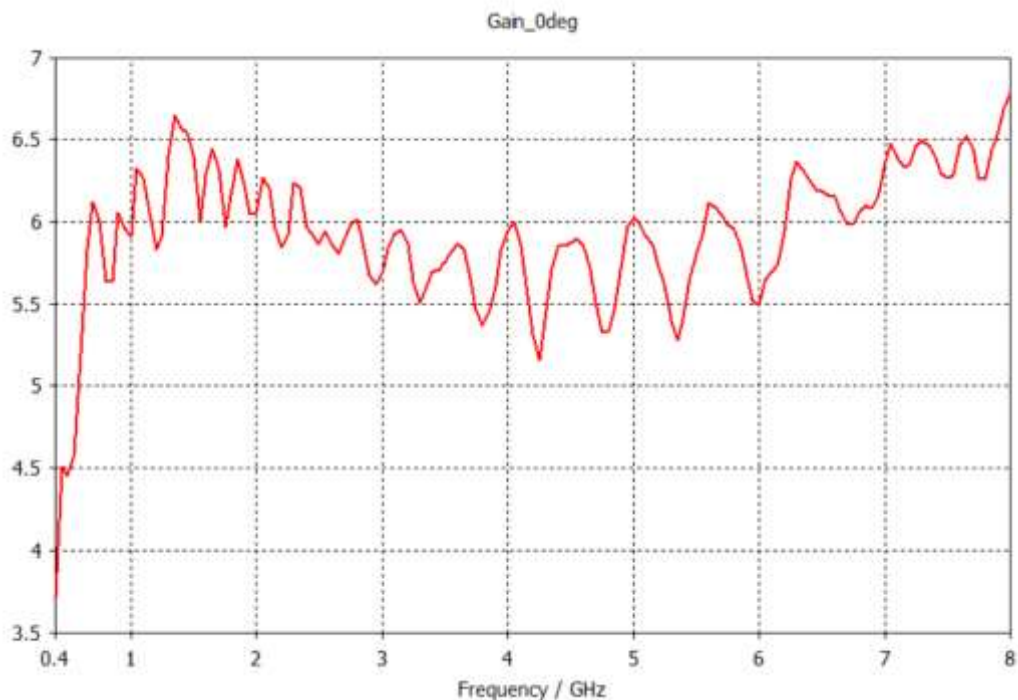
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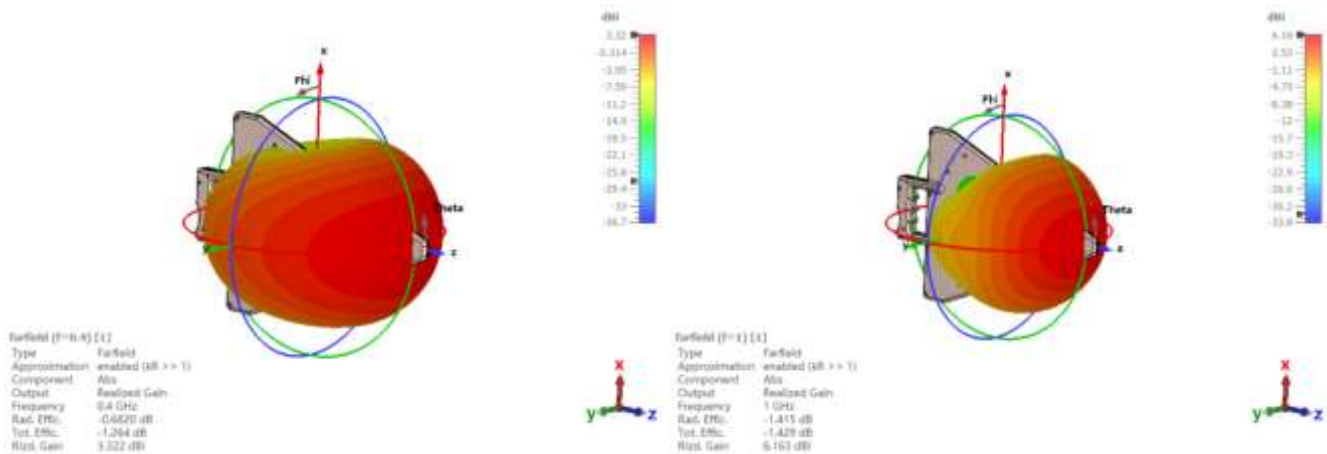
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Gain



Mag-pattern



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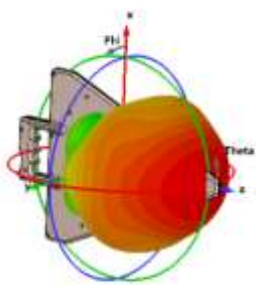
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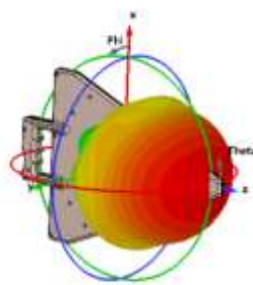
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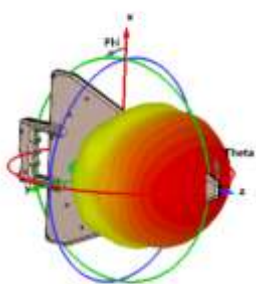
Farfield (F=1.5) [1]
Type Farfield
Approximation enabled (dB > 1)
Component Abs
Output Realized Gain
Frequency 1.5 GHz
Rad. Effc. -1.996 dB
Tot. Effc. -1.417 dB
Real. Gain 6.505 dB



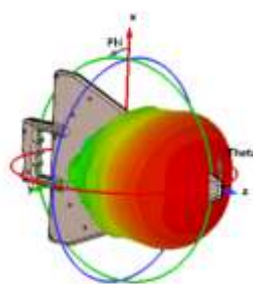
Farfield (F=2) [1]
Type Farfield
Approximation enabled (dB > 1)
Component Abs
Output Realized Gain
Frequency 2 GHz
Rad. Effc. -1.365 dB
Tot. Effc. -1.416 dB
Real. Gain 6.900 dB



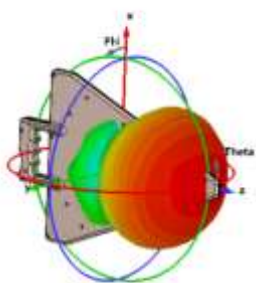
Farfield (F=2.5) [1]
Type Farfield
Approximation enabled (dB > 1)
Component Abs
Output Realized Gain
Frequency 2.5 GHz
Rad. Effc. -1.172 dB
Tot. Effc. -1.403 dB
Real. Gain 7.162 dB



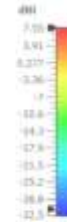
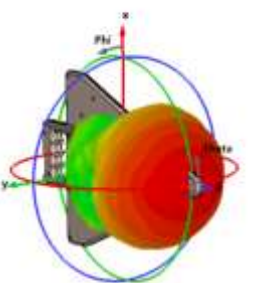
Farfield (F=3) [1]
Type Farfield
Approximation enabled (dB > 1)
Component Abs
Output Realized Gain
Frequency 3 GHz
Rad. Effc. -1.193 dB
Tot. Effc. -1.492 dB
Real. Gain 7.046 dB



Farfield (F=4) [1]
Type Farfield
Approximation enabled (dB > 1)
Component Abs
Output Realized Gain
Frequency 4 GHz
Rad. Effc. -1.462 dB
Tot. Effc. -1.551 dB
Real. Gain 7.714 dB



Farfield (F=5) [1]
Type Farfield
Approximation enabled (dB > 1)
Component Abs
Output Realized Gain
Frequency 5 GHz
Rad. Effc. -1.489 dB
Tot. Effc. -1.641 dB
Real. Gain 7.549 dB



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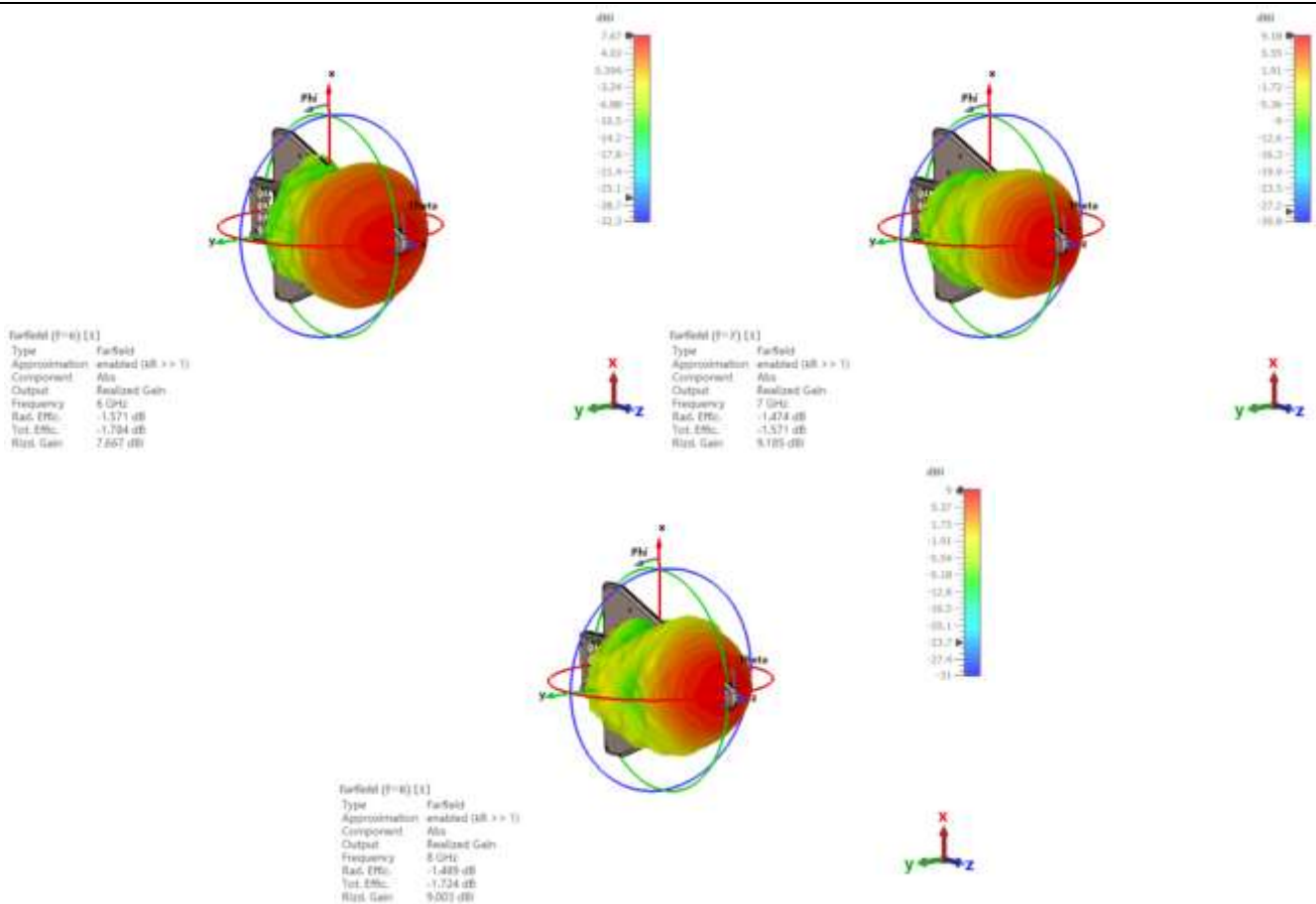
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