

Product: 20Mhz~8G Ultra-wideband omnidirectional antenna

Part Number: ANT0105



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	20Mhz	-	8Ghz	GHz
2	Gain, Typ (dBi)		0		dB
3	Polarization	Vertical Polarization			
4	VSWR	-	2.0		-
5	weight	1.2KG			
6	Outline:	$\phi 144 \times 374.5(\text{mm})$			
7	Impedance	50			
8	Connecter	N-50K			
9	surface	Green			
10	applicable scene	Vehicle-borne, portable, fixed			

Remarks:

Power rating is for load vswr better than 1.20:1

Environmental Specifications		
Operational Temperature	-40°C~+60°C	
Storage Temperature	-50°C~+105°C	
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis	
Humidity	100% RH at 35℃, 95%RH at 40℃	
Shock	20G for 11msec half sine wave,3 axis both directions	
Mechanical Specifications		
Item	materials	surface
Antenna base plate	5A06 rust-proof aluminum	Color conductive oxidation
antenna housing	Honeycomb laminated fiberglass	
Antenna canister	PMI foam	

成都利德尔科技有限公司 ChengDu Leader Microwave Technology Co.,Ltd

电话: 028-65199117 传真: 028-65199116

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

TEL: +86-28-65199117 FAX: +86-28-65199116

Add: 中国 成都市成华区华翰路 89 号 610000

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Rohs	compliant
Weight	1.2kg
Packing	Carton packing case (can be customized)

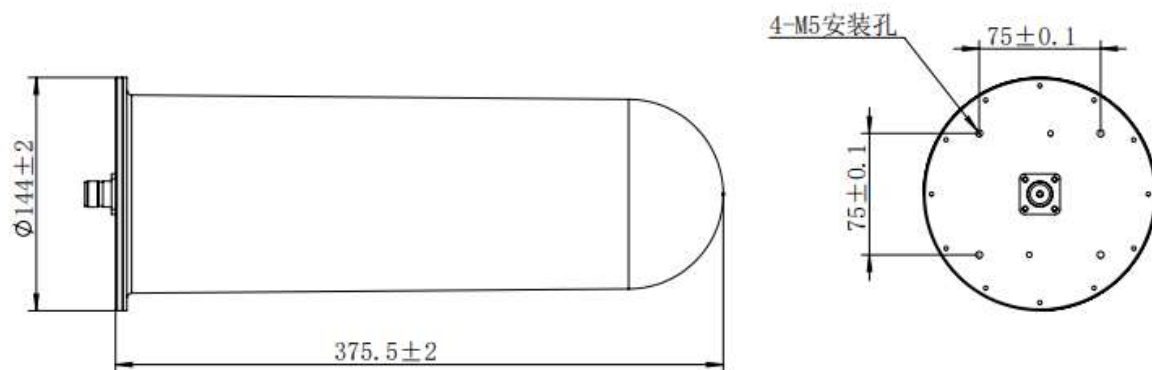
Outline Drawing:

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: N-50K



Gain

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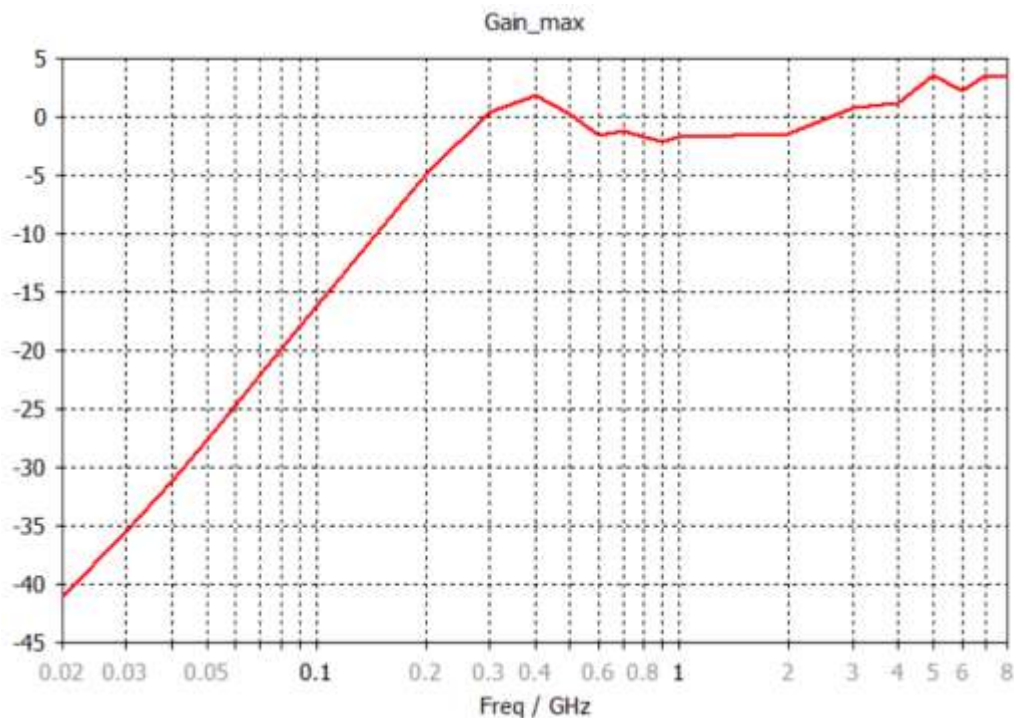
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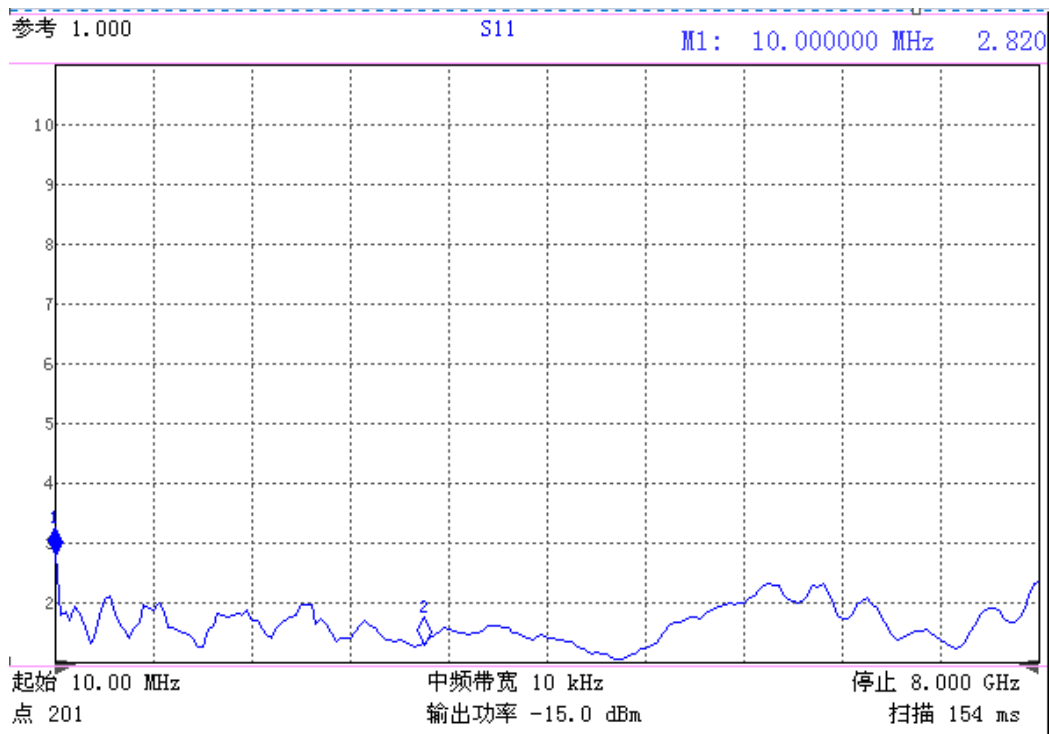
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VSWR



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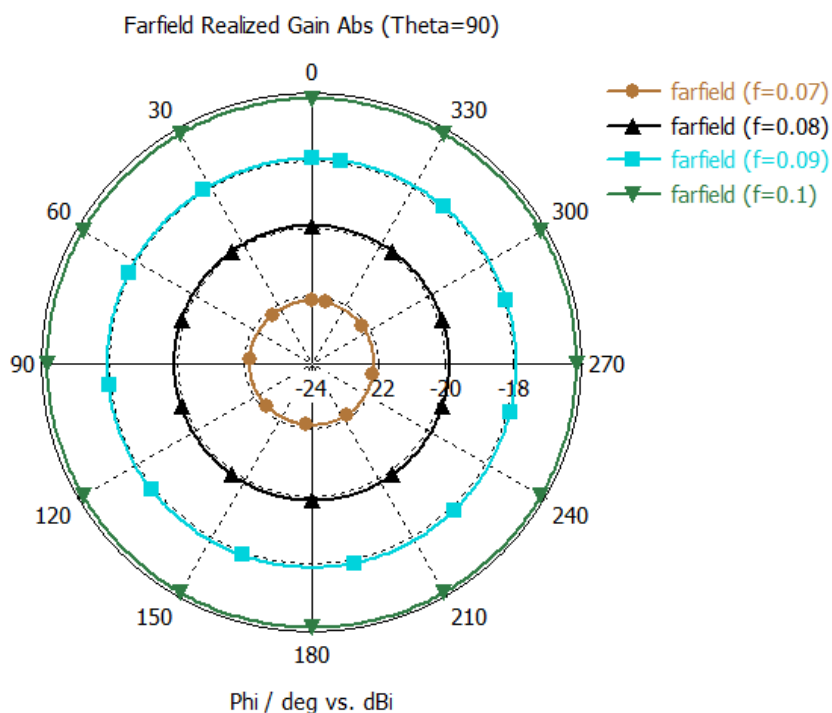
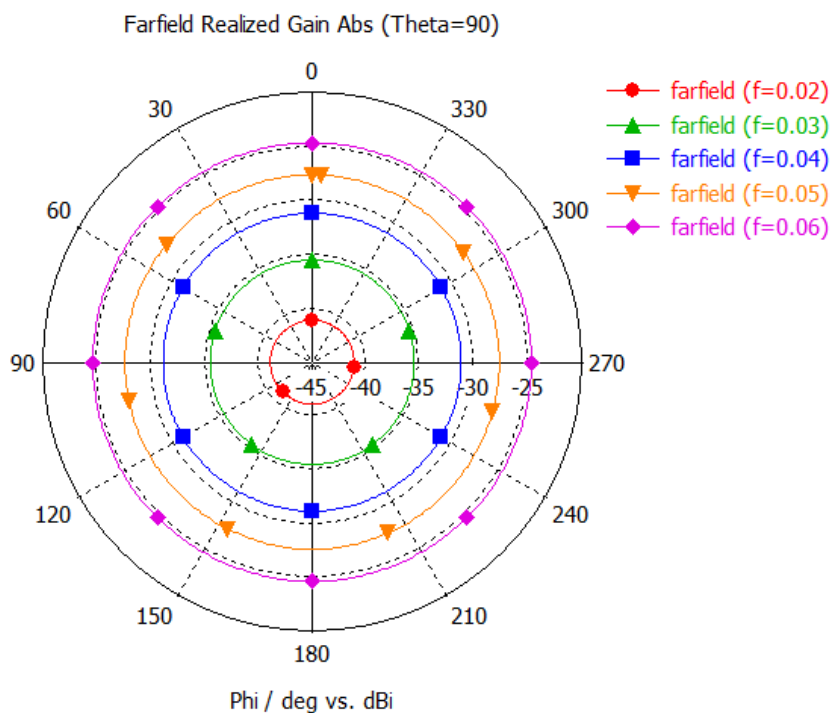
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Directional diagram



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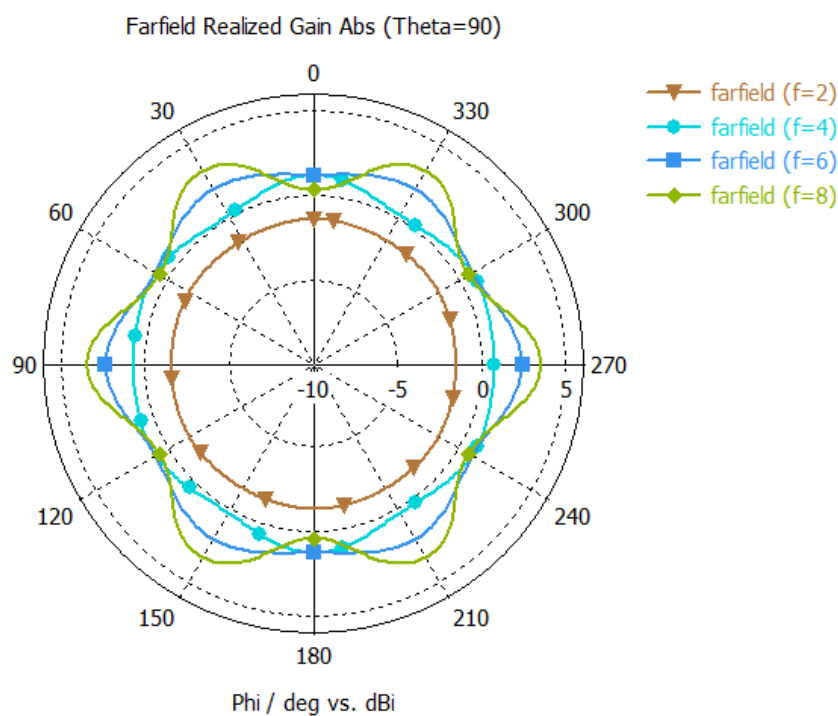
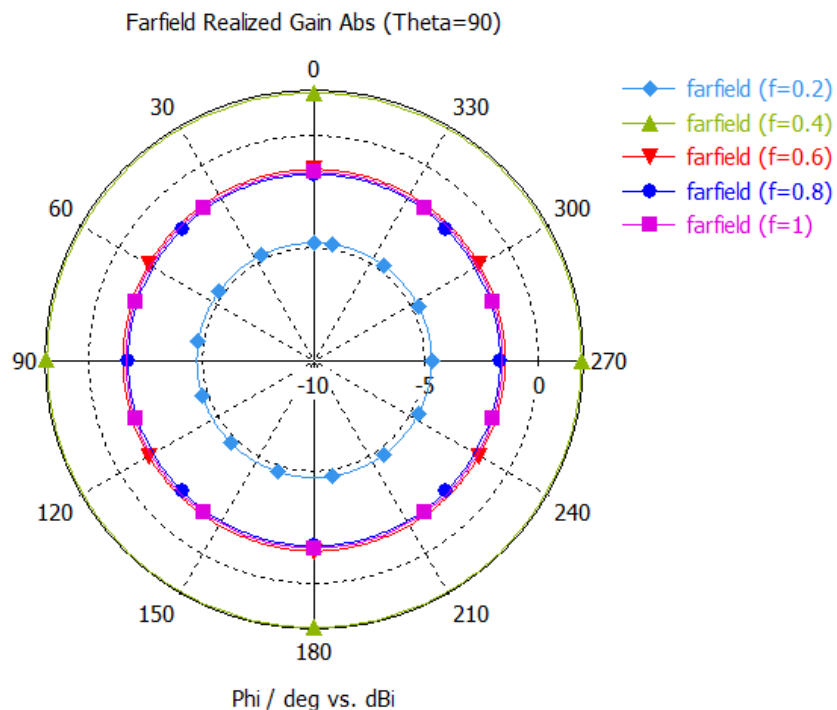
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