



MP Antenna, LTD.
147 Eady Court
Elyria, Ohio 44035

440.387.5968 phone
440.545.3500 fax
www.mpantenna.com
sales@mpantenna.com

Part Number: 08-ANT-1020

model number: 08-ANT-1020

product description: Dual Feed Omni Directional Mobile Outdoor

Electrical Data

frequency range: 700 MHz- 3GHz	IP rating: IP66
gain: 6.5dBi with GP	power: 50 Watts
8dBi with 23" GP	impedance: 50 Ohms nominal
vswr: <2:1	operational temp: -30C to 85C
horizontal pattern type: Omni	
vertical patter type: Full	
ground plane: Built In	

General Data

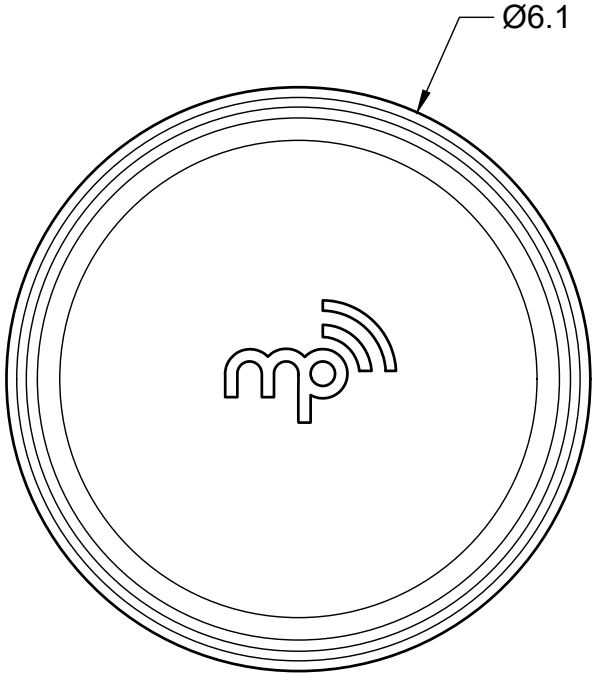
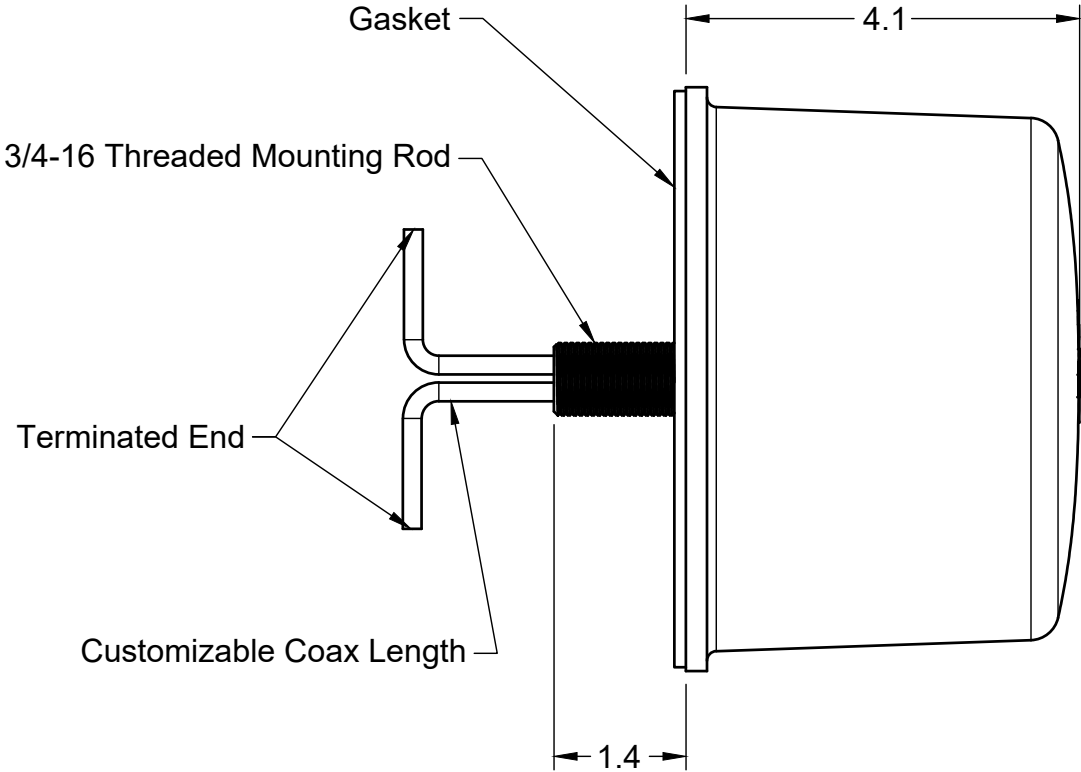
color: Black
antenna feeds: Two
coax length: See Specific Part Number
Drawing
coax type: 200 Series Low Loss Coax
connector type: Various
polarization: Multi-Polarized
construction: ASA, Aluminum
hardware included: Nut Washer



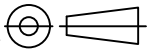
*** With built in spatial and polarization diversity, performance in obstructed environments is greater than that of standard antennas with similar or higher laboratory gains.**

*** Test performed on configuration: 08-ANT-1020-BL-2X-B2**

Frequency Range	Connector	Max Mounting Surface Thickness	Mounting Hole Diameter	Color	Number of Feeds
700MHz - 3GHz	Various	1.0 in	0.76-1.25 in	Black	2



Notes:
Mounting Hardware (Cut Nut and Cut Washer) Included

MP ANTENNA, LTD. 147 Eady Court Elyria, Ohio 44035 www.mpantenna.com	THIRD ANGLE  DIMENSIONS ARE IN INCHES		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MP ANTENNA, LTD. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MP ANTENNA LTD IS PROHIBITED.	Description: 700MHz-3GHz Dual Feed Omni	Model Number: 08-ANT-1020-BL-2X
		NAME	DATE		
	DRAWN	MC	6/23/2025		



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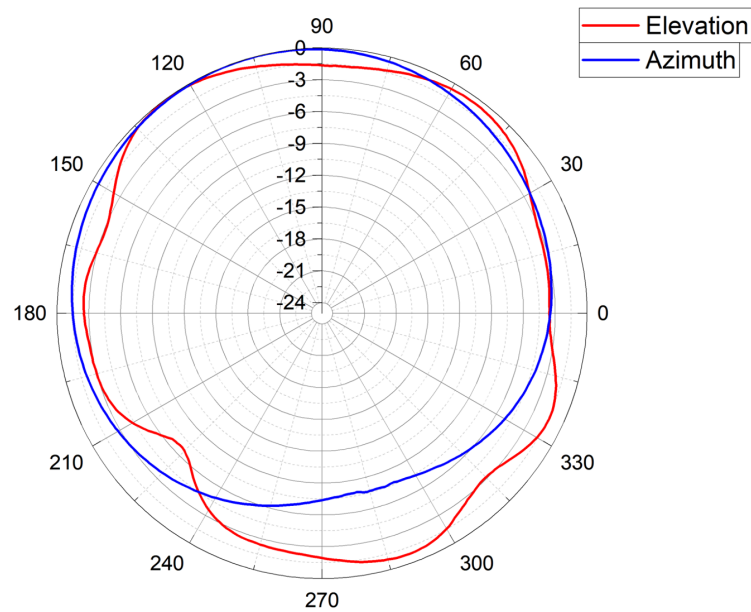
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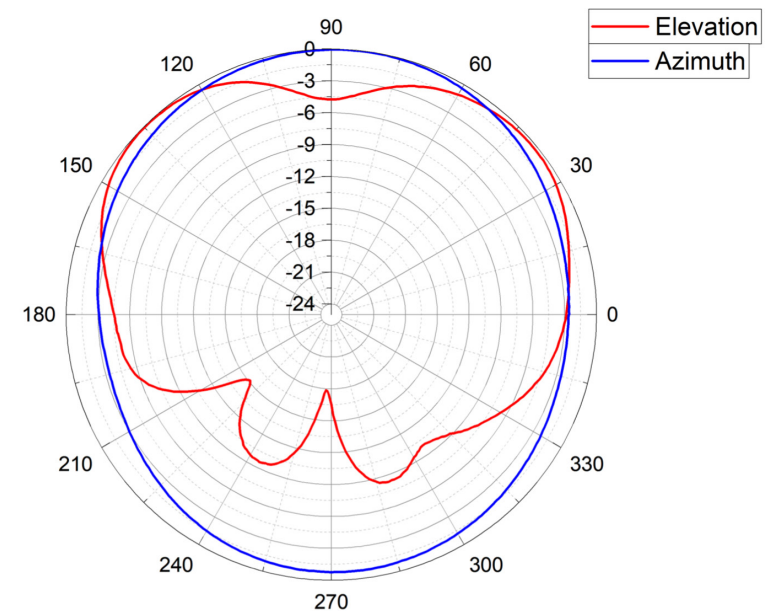
Frequency: 790MHz

Peak Gain: 4.6 dBi



On Ground Plane

Peak Gain: 4.4 dBi





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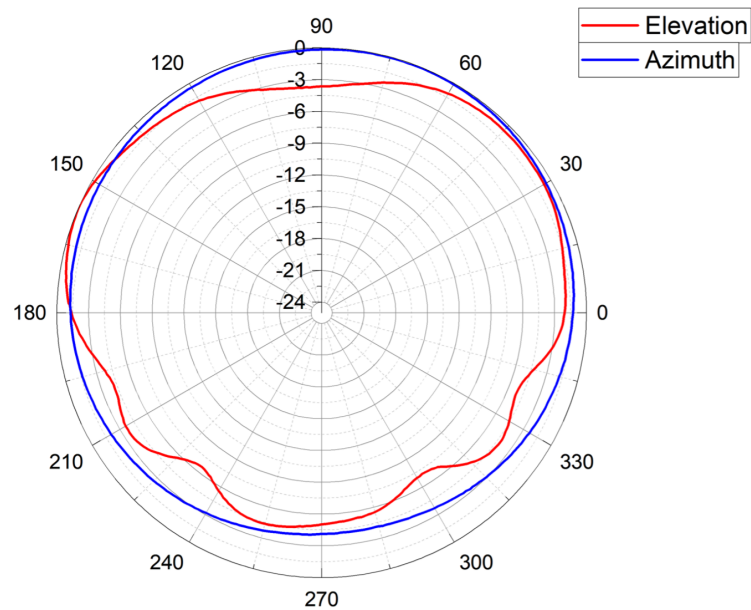
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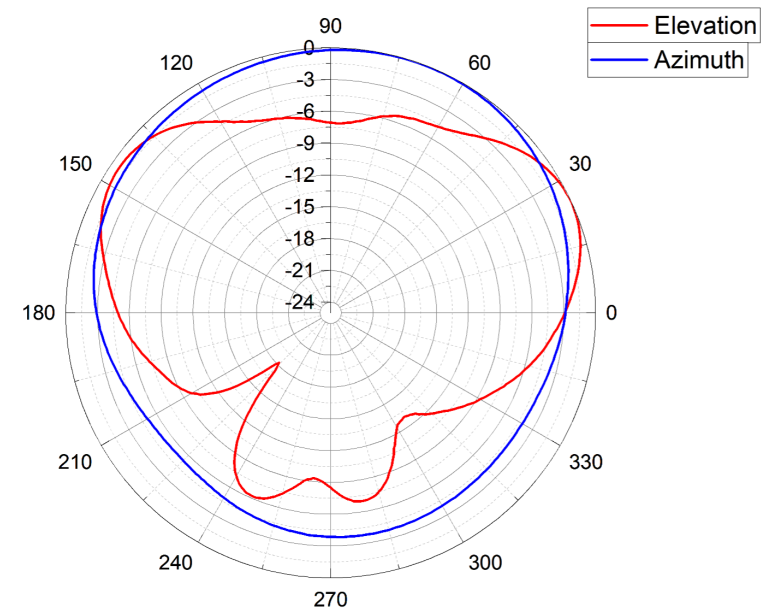
product description: Dual Feed Omni Directional Mobile Outdoor

Frequency: 950MHz

Peak Gain: 4.1 dBi



On Ground Plane
Peak Gain: 5.8 dBi



rethink the antenna™

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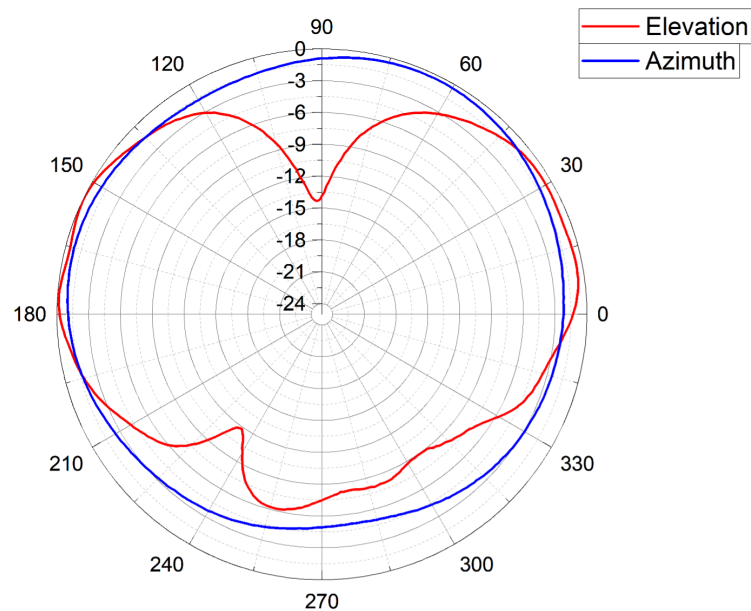
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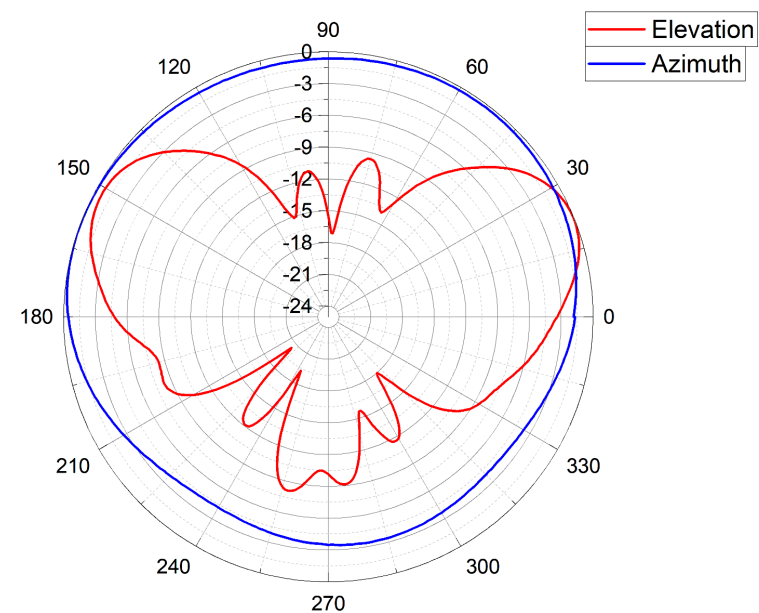
Frequency: 1.475 GHz

Peak Gain: 4.5 dBi



On Ground Plane

Peak Gain: 6.7 dBi





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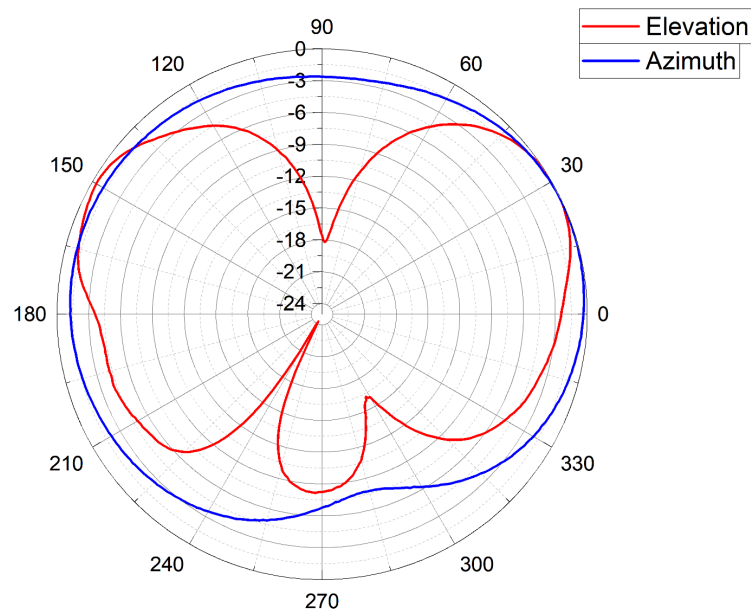
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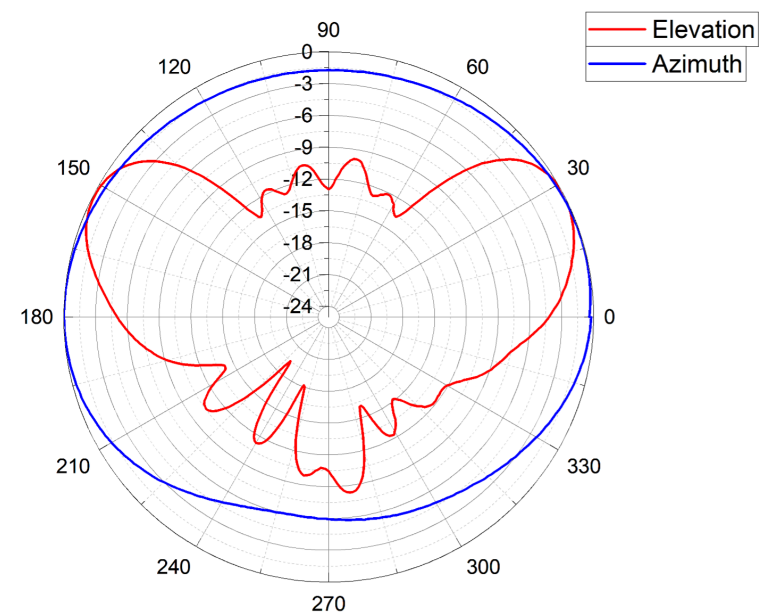
Frequency: 1.675 GHz

Peak Gain: 4.8 dBi



On Ground Plane

Peak Gain: 6.7 dBi



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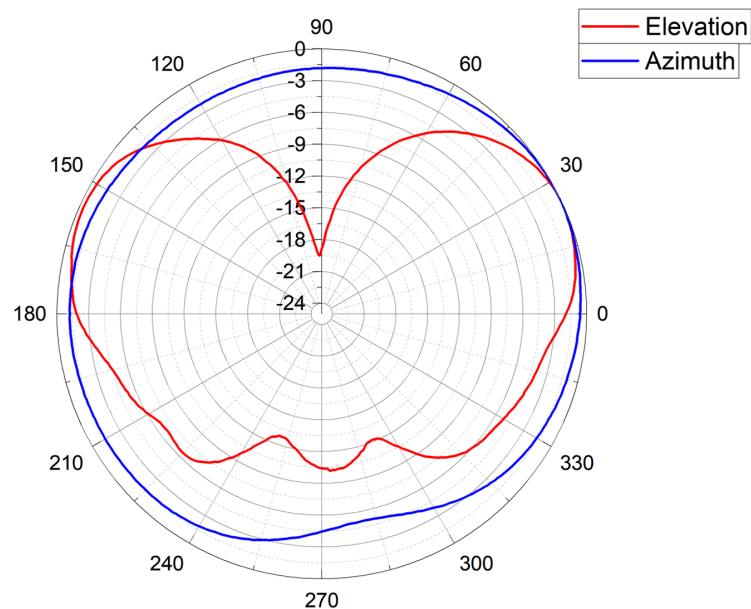
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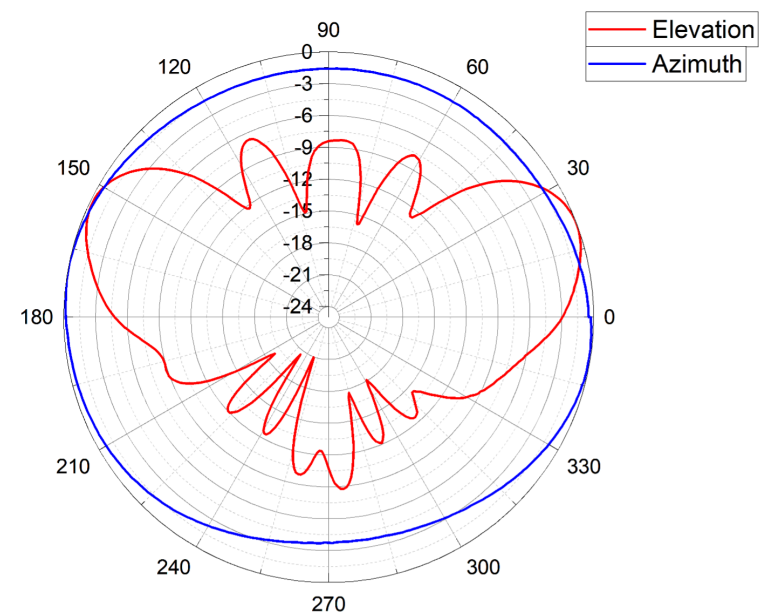
Frequency: 1.9 GHz

Peak Gain: 5.2 dBi



On Ground Plane

Peak Gain: 6.9 dBi



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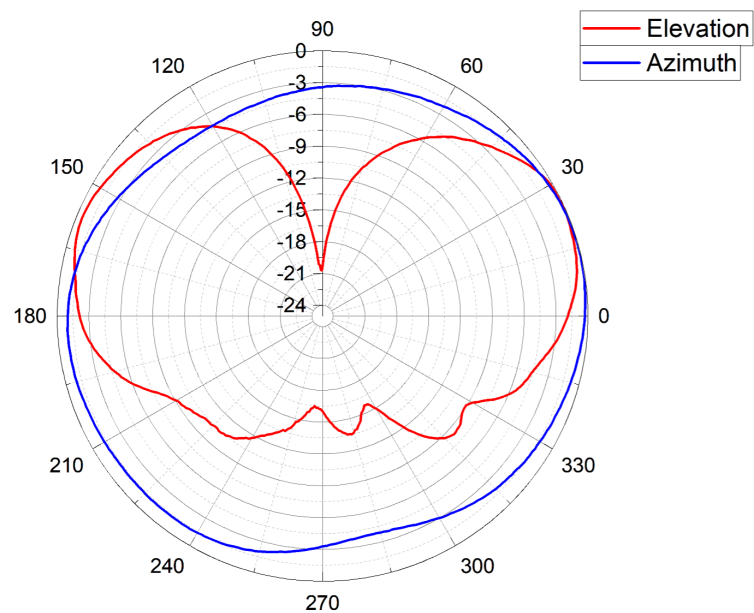
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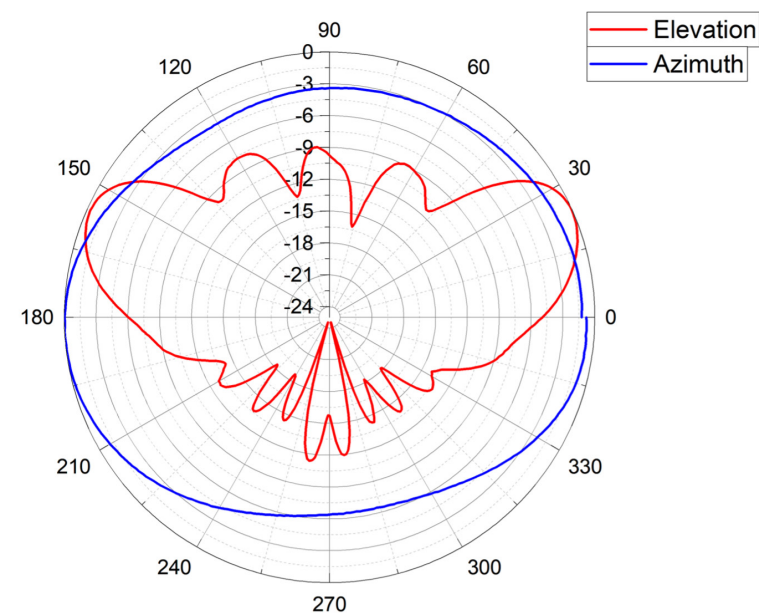
Frequency: 2.125 GHz

Peak Gain: 5.2 dBi



On Ground Plane

Peak Gain: 7.6 dBi



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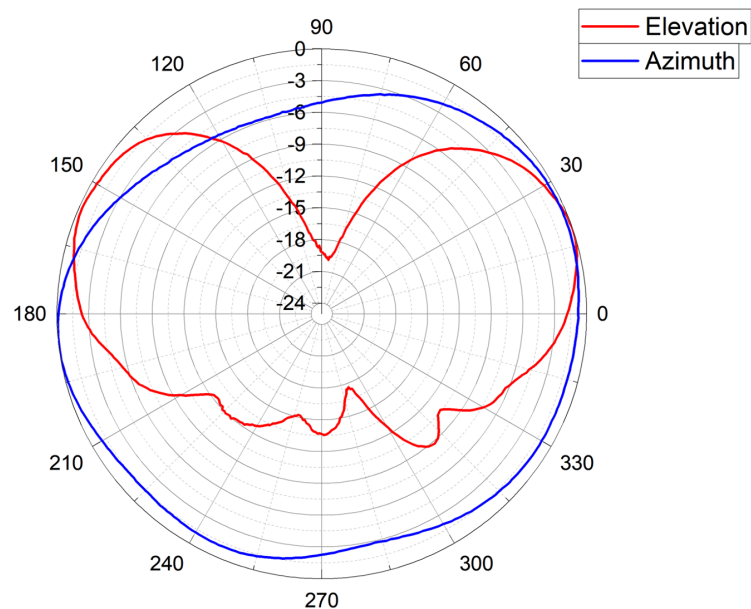
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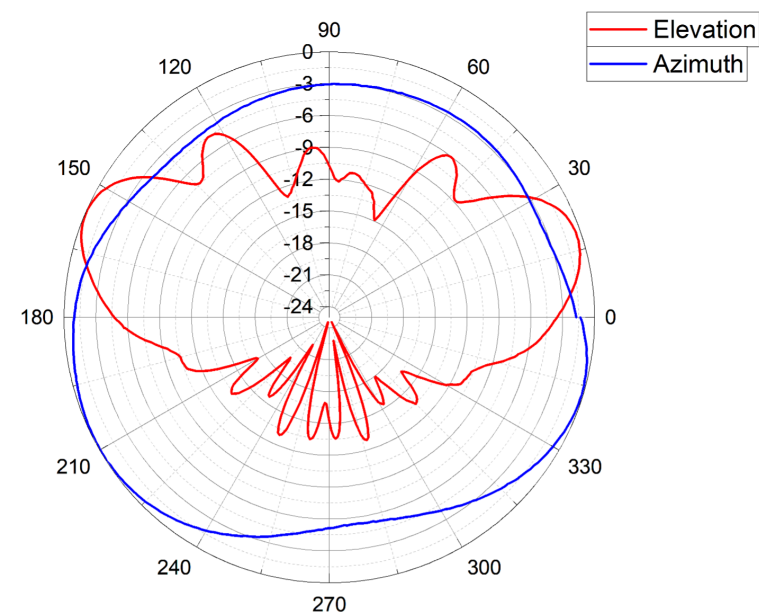
Frequency: 2.35 GHz

Peak Gain: 6.6 dBi



On Ground Plane

Peak Gain: 7.9 dBi



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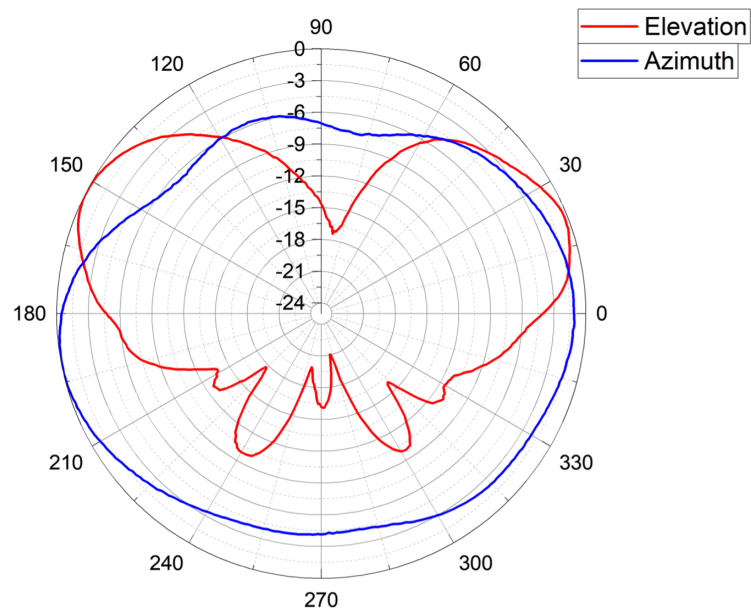
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product description: Dual Feed Omni Directional Mobile Outdoor

Frequency: 2.65 GHz

Peak Gain: 6.6 dBi



On Ground Plane

Peak Gain: 8 dBi

