

## DCS43PA05F10

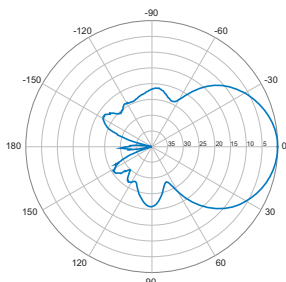
Dual Band | Planar | VV-Pol | 40° / 30° | 11.3 / 13.0 dBi | Fixed Tilt

- Dual band planar antenna with fixed electrical downtilt
- Ideal for Point-to-Point applications
- Can be adjusted for horizontal polarization

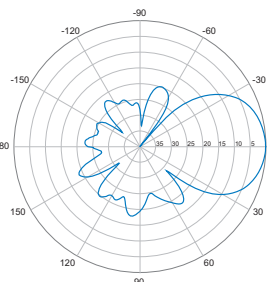


Electrical Characteristics		
Frequency Bands	696-960 MHz	1710-2170 MHz
Polarization	Vertical or Horizontal	
Horizontal Beamwidth	40°	30°
Vertical Beamwidth	40°	22°
Gain	9.2 dBd (11.3 dBi)	10.9 dBd (13.0 dBi)
Electrical Downtilt	0°	0°
Impedance	50Ω	50Ω
VSWR	< 1.5:1	< 1.5:1
Front-to-Back Ratio	22 dB	30 dB
Isolation Between Bands	< -30 dB	
Input Power	1 x 250 W	
Operating Temperature	-40° to +60° C (-40° to +140° F)	
Connector(s)	1 Port / N-Type / Female / Back	
Mechanical Characteristics		
Dimensions Length x Width x Depth	457 x 457 x 55 mm	18.0 x 18.0 x 2.2 in
Weight without Mounting Brackets	7.3 kg	16 lbs
Survival Wind Speed	201 km/hr	125 mph
Wind Loads (160 km/hr or 100 mph)	Front: 500 N	Front: 113 lbf
Mounting Options		
Pole Mounting Kit	Part Number H00582	Weight 0.9 kg    2.0 lbs

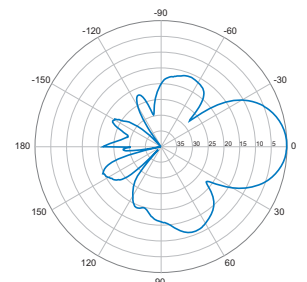
### 696-960 MHz



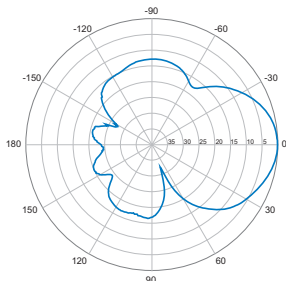
Horizontal | 700 MHz



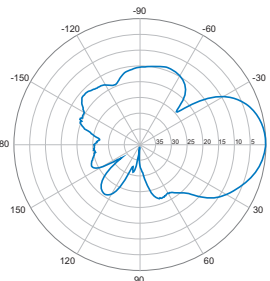
Horizontal | 800 MHz



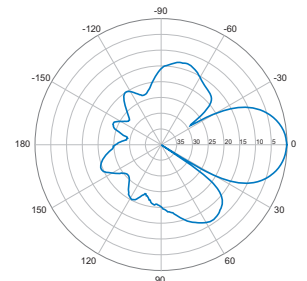
Horizontal | 900 MHz



0° | Vertical | 700 MHz



0° | Vertical | 800 MHz



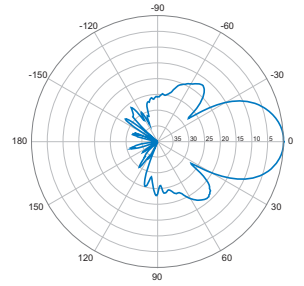
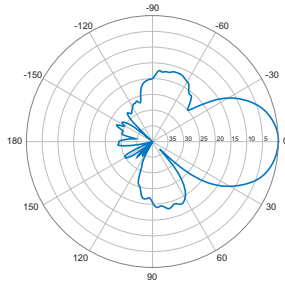
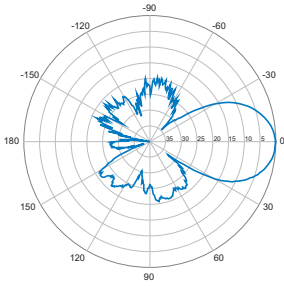
0° | Vertical | 900 MHz

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.

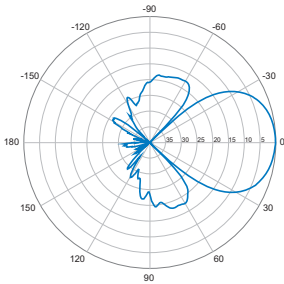
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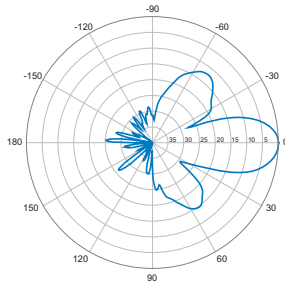
1710-2170 MHz



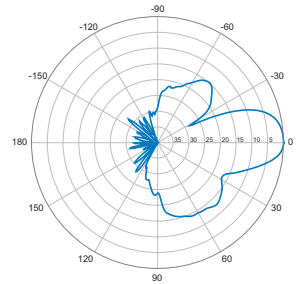
Horizontal | 1800 MHz



Horizontal | 1900 MHz



Horizontal | 2100 MHz



0° | Vertical | 1800 MHz

0° | Vertical | 1900 MHz

0° | Vertical | 2100 MHz

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