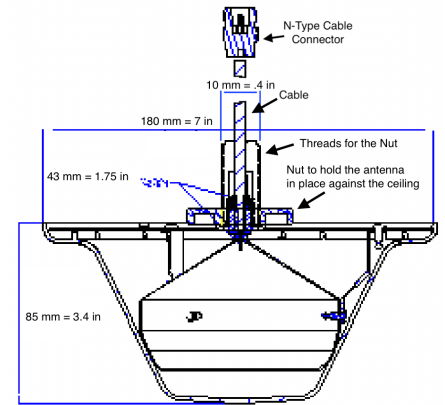


# Dome Antenna

by WAVEFORM

SKU: ANT627NF-DOME



## Main Features:

- Dome Antenna
- 50  $\Omega$
- 3.0-5.5 dBi
- 600-6000 MHz

## Specifications:

### Electrical:

Frequency Range	600-960 MHz	1710-2700 MHz	2700-6000 MHz
Gain (Peak)	2.5 dBi $\pm$ 1 dB	5.5 dBi $\pm$ 1.5 dB	5.0 dBi $\pm$ 1 dB
Horizontal Beamwidth	360 deg		
Vertical Beamwidth	90 deg		
VSWR	$\leq$ 1.7	$\leq$ 1.5	$\leq$ 1.5
Input Impedance	50 $\Omega$		
Polarization	Vertical		
PIM (IM3)	$\leq$ -140 dBm @ 33 dBm*2		
Maximum Power	50 W		

### Mechanical:

Type	Omnidirectional
Radome Color	White
Radome Material	UV-Protected ABS
Dimensions	186 mm $\varnothing$ x 86 mm
Connector Type	N-Female
Cable Type	RG58
Cable Length	30 cm (12 inch)
Net Weight	275 g
Mounting Type	Ceiling
Mounting Material	ABS

### Environmental:

Protection Class	IP52
Operating Temperature	-40 to +60 deg C
Limit Temperature	-55 to +70 deg C
Lightning Protection	DC Ground



WAVEFORM

3411 W. Lake Center Drive,  
Santa Ana, CA 92704

www.waveform.com  
1-800-761-3041

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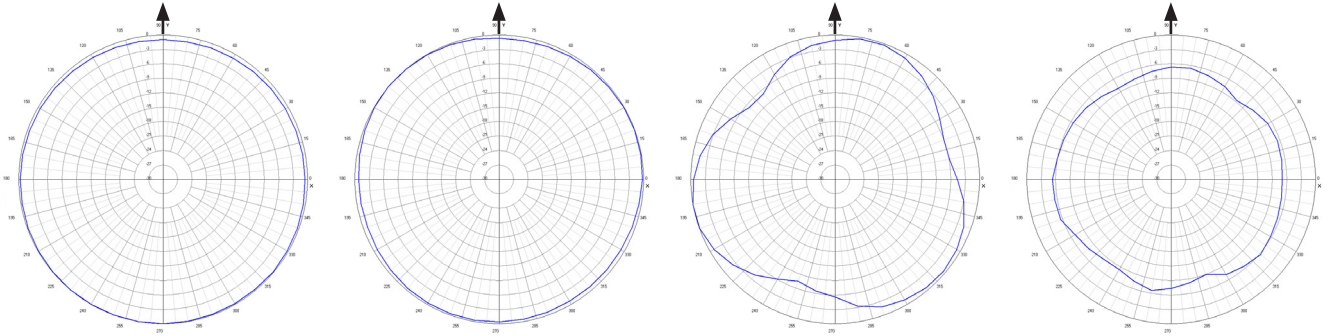
650 MHz

1950 MHz

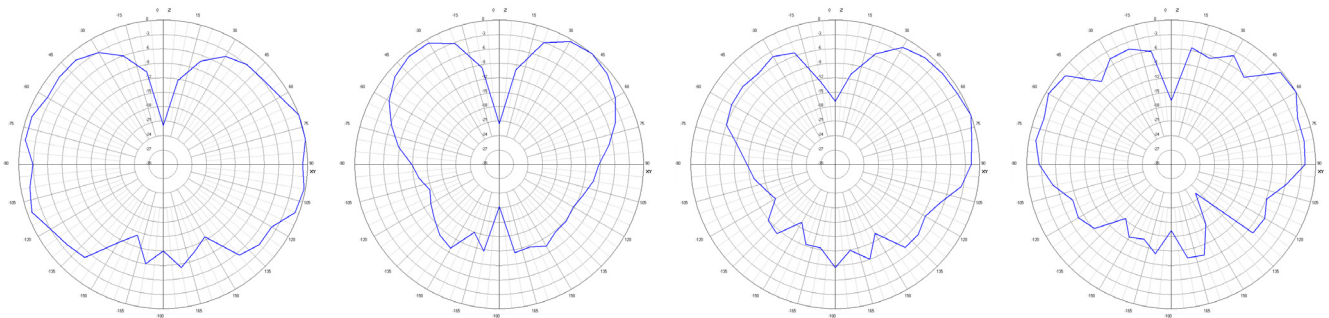
3800 MHz

5400 MHz

Vertical Plane  
"Top-down view"



Horizontal Plane  
"Side-on view"



Antenna Peak Gain (dBi) by Frequency (Mhz)



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