



**airMAX<sup>®</sup>**  
TITANIUM SECTOR

Advanced RF Isolation Variable Beamwidth Antenna

Models: AM-V2G-Ti, AM-V5G-Ti, AM-M-V5G-Ti

Carrier-Class 2x2 MIMO PtMP BaseStation

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Adjustable Beamwidth Configuration

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Reduced Co-Location Interference

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# airMAX®

## TITANIUM SECTOR

### Advanced Carrier-Class PtMP Basestation Antenna

Introducing the airMAX® Titanium Sector, which continues the evolution of Ubiquiti's best-in-class sector antennas. Advanced RF isolation and variable beamwidth configuration put the Titanium Sector at the forefront of sector antenna technology.

### Reduced Co-Location Interference

Drawing on Ubiquiti's depth of electrical and mechanical engineering expertise, Ubiquiti has developed the airMAX Titanium Sector to be highly resistant to noise interference in co-location deployments.

### Adjustable Beamwidth Configuration

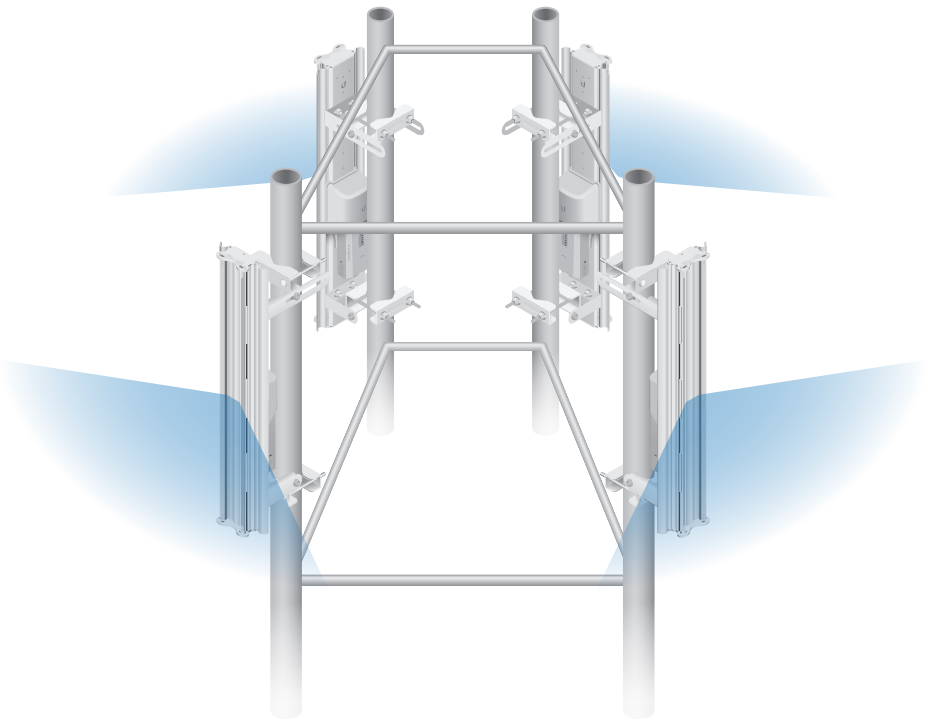
Having adjustable beamwidth options enhances scalability and streamlines inventory. The airMAX Titanium Sector may be custom configured for any deployment requiring a 60°, 90°, or 120° sector.

Antenna gain changes according to the configured beamwidth.

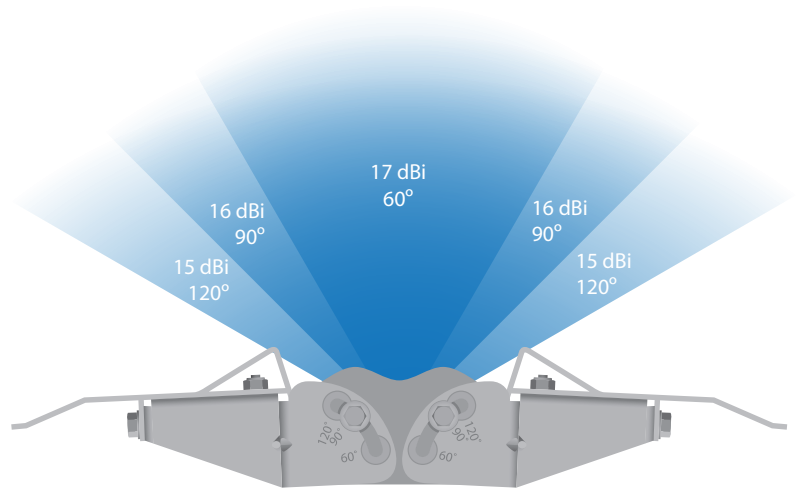
Model	60°	90°	120°
AM-V2G-Ti	17 dBi	16 dBi	15 dBi
AM-V5G-Ti	21 dBi	20 dBi	19 dBi
AM-M-V5G-Ti	17 dBi	16 dBi	15 dBi

### Easily Mount and Protect Your Rocket

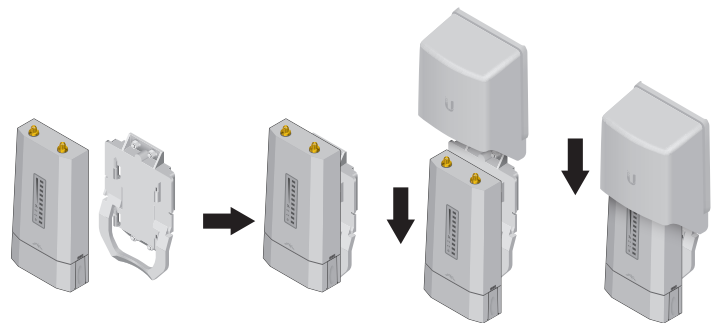
The Titanium Sector has an integrated Rocket mount that allows you to mount the Rocket without the use of any tools. The custom-designed Protective Shroud helps to shield your Rocket from the elements.



*Ideal for Co-Location Deployments*



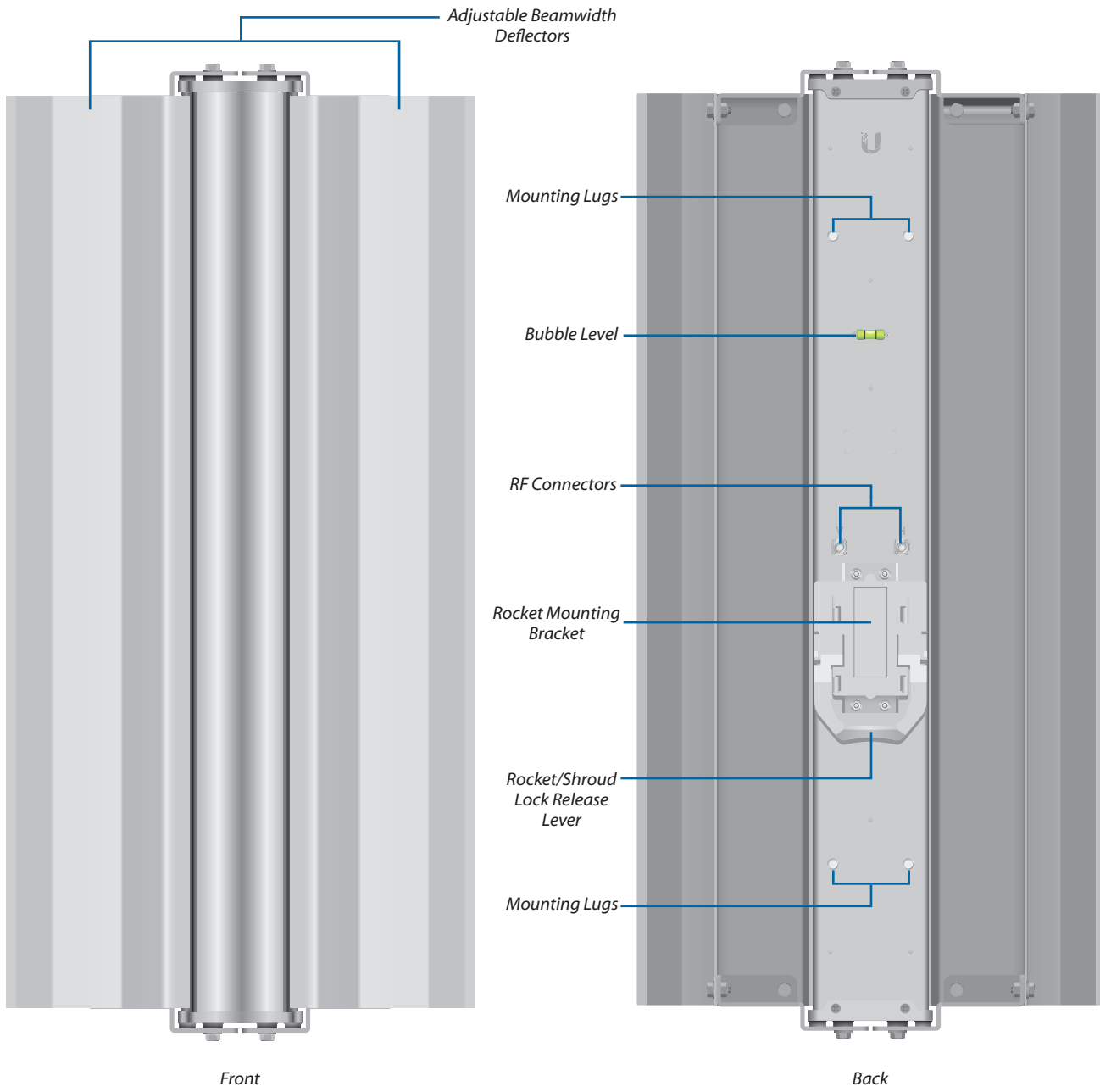
*AM-V2G-Ti Adjustable Beamwidth*



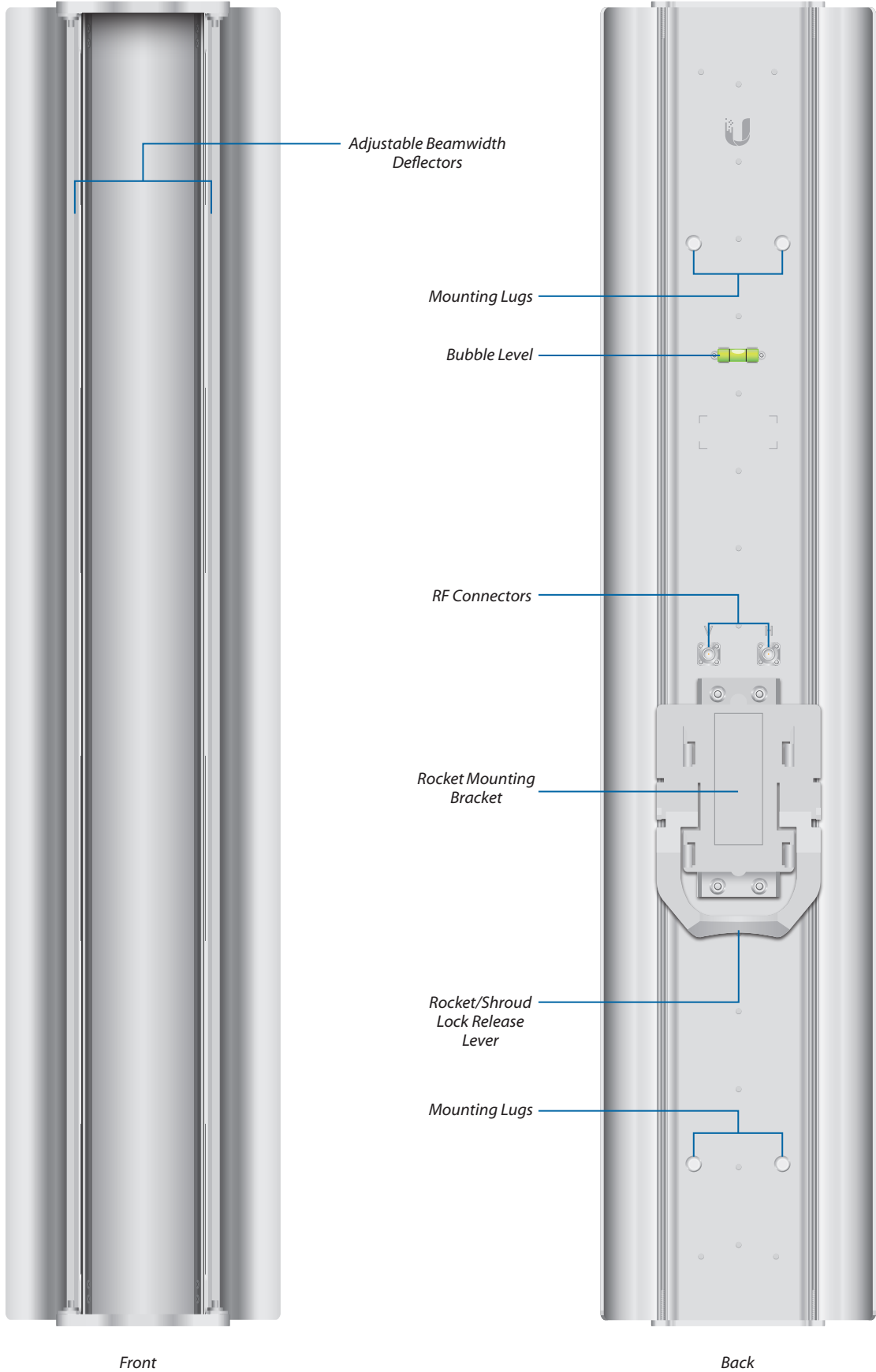
*Integrated Rocket Mount*

# Overview

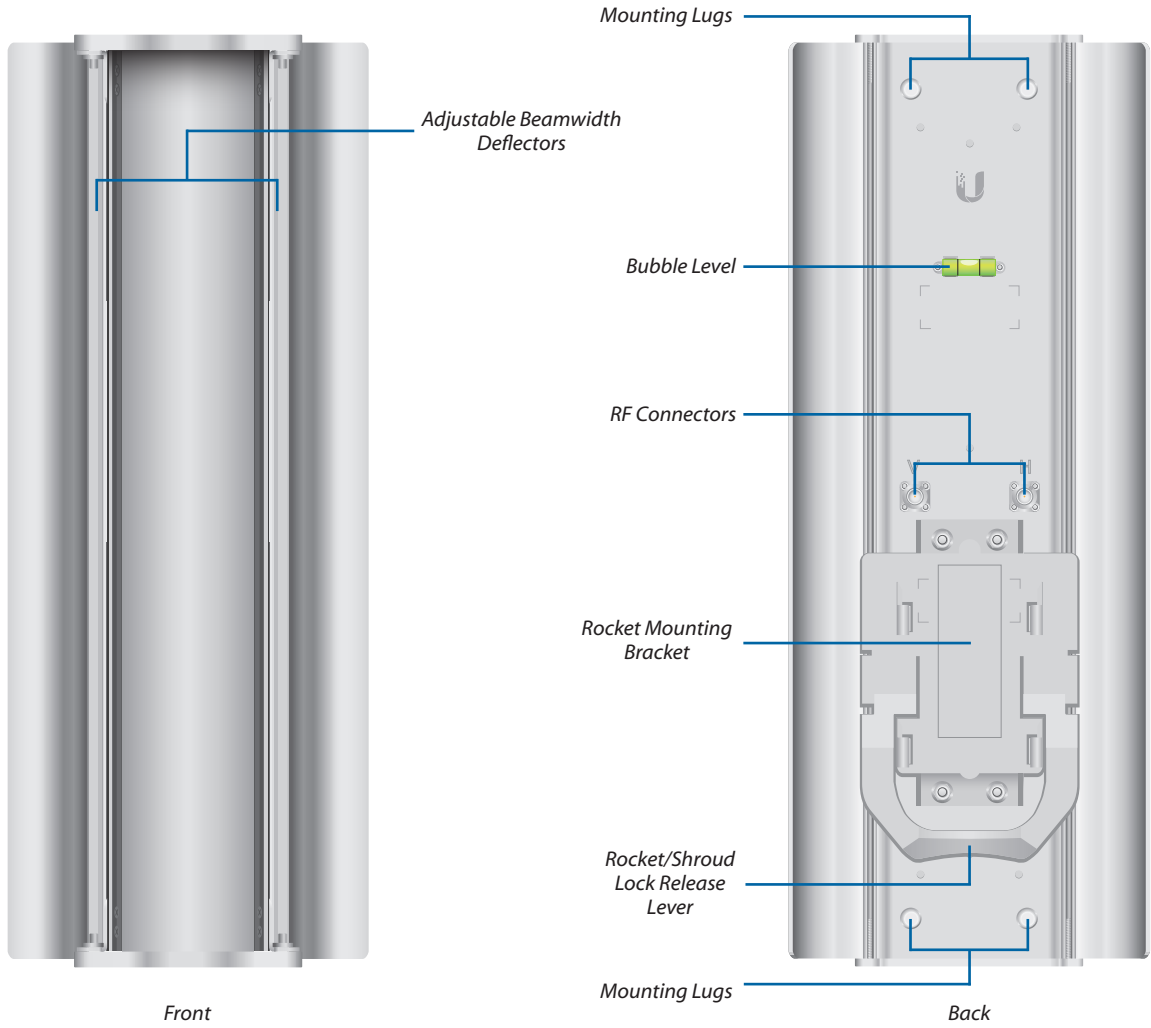
Model: AM-V2G-Ti



Model: AM-V5G-Ti



**Model: AM-M-V5G-Ti**



# Specifications

AM-V2G-Ti	
Dimensions	773 x 372 x 120 mm (30.43 x 14.65 x 4.72")
Weight (with Brackets)	6.40 kg (14.11 lb)
Frequency Range	2.3 - 2.6 GHz
Beamwidth Angles	60°/ 90°/ 120°
Gain (Beamwidth Dependent)	
60°	17 dBi
90°	16 dBi
120°	15 dBi
Elevation Beamwidth	9°
Electrical Downtilt	4°
Wind Survivability	200 km/h (125 mph)
Wind Loading	640.5 N @ 200 km/h (144 lbf @ 125 mph)
Polarization	Dual Linear
Cross-Pol Isolation	25 dB Typical
Front-to-Back Ratio	30 dB Typical
Max. VSWR	1.5:1
RF Connectors	2 RP-SMA Connectors (Weatherproof)
Compatible Radios	2.4 GHz Rocket
Mounting	Pole Mount (Kit Included)
ETSI Specification	EN 302 326 DN2
Certifications	CE, FCC, IC

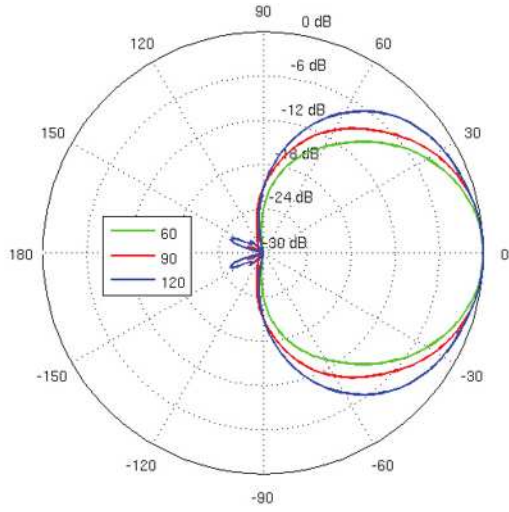
AM-V5G-Ti	
Dimensions	721 x 149.1 x 75.7 mm (28.39 x 5.87 x 2.98")
Weight (with Brackets)	3.72 kg (8.20 lb)
Frequency Range	5.45 - 5.85 GHz
Beamwidth Angles	60°/ 90°/ 120°
Gain (Beamwidth Dependent)	
60°	21 dBi
90°	20 dBi
120°	19 dBi
Elevation Beamwidth	4°
Electrical Downtilt	2°
Wind Survivability	200 km/h (125 mph)
Wind Loading	231 N @ 200 km/h 52 lbf @ 125 mph
Polarization	Dual Linear
Cross-Pol Isolation	25 dB Typical
Front-to-Back Ratio	30 dB Typical
Max. VSWR	1.5:1
RF Connectors	2 RP-SMA Connectors (Weatherproof)
Compatible Radios	5 GHz Rocket
Mounting	Pole Mount (Kit Included)
ETSI Specification	EN 302 326 DN2
Certifications	CE, FCC, IC

# Specifications

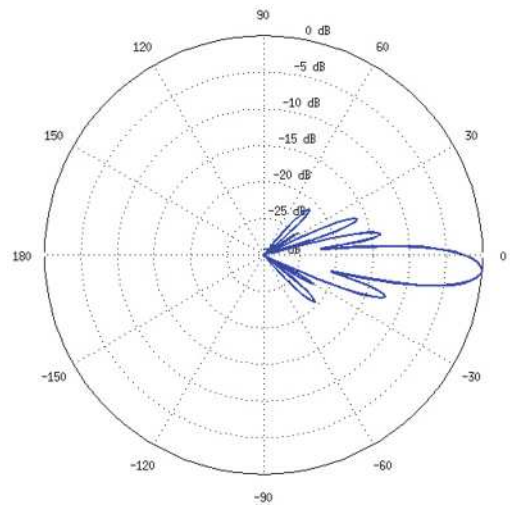
AM-M-V5G-Ti	
Dimensions	385 x 149 x 76 mm (15.16 x 5.87 x 2.99")
Weight (with Brackets)	3.25 kg (7.17 lb)
Frequency Range	5.45 - 5.85 GHz
Beamwidth Angles	60°/ 90°/ 120°
Gain (Beamwidth Dependent)	
60°	17 dBi
90°	16 dBi
120°	15 dBi
Elevation Beamwidth	8°
Electrical Downtilt	3°
Wind Survivability	200 km/h (125 mph)
Wind Loading	102 N @ 200 km/h 23 lbf @ 125 mph
Polarization	Dual Linear
Cross-Pol Isolation	25 dB Typical
F/B Ratio	35 dB Typical
Max. VSWR	1.7:1
RF Connectors	2 RP-SMA Connectors (Weatherproof)
Compatible Radios	5 GHz Rocket
Mounting	Pole Mount (Kit Included)
ETSI Specification	EN 302 326 DN2
Certifications	CE, FCC, IC

## AM-V2G-Ti Antenna Information

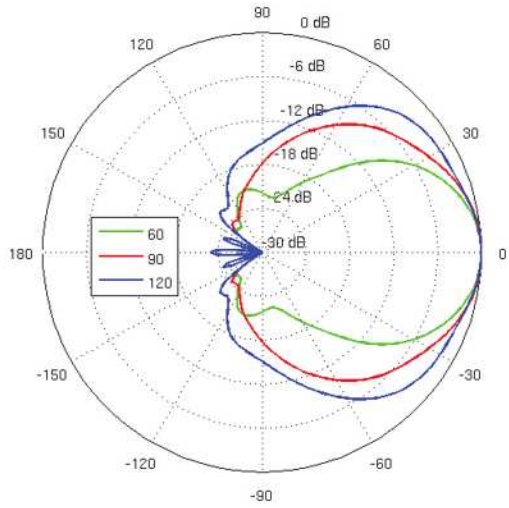
Vertical Azimuth



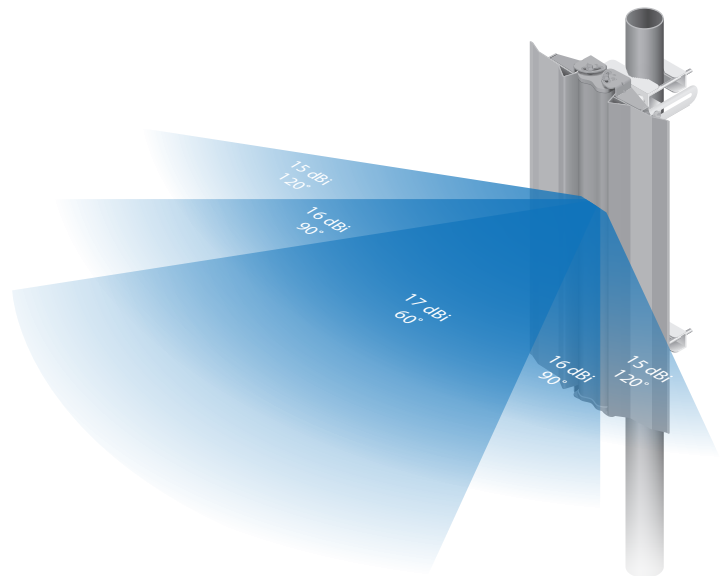
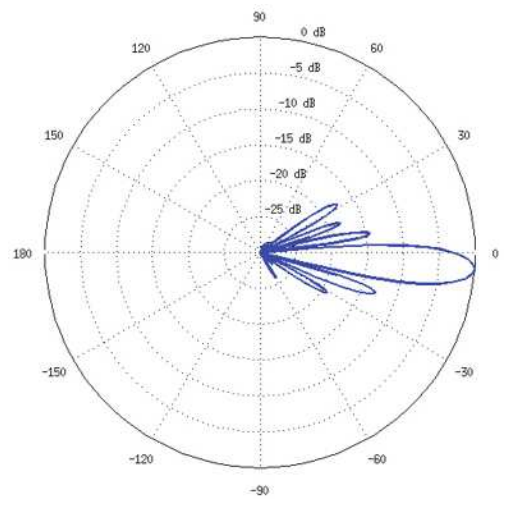
Vertical Elevation



Horizontal Azimuth

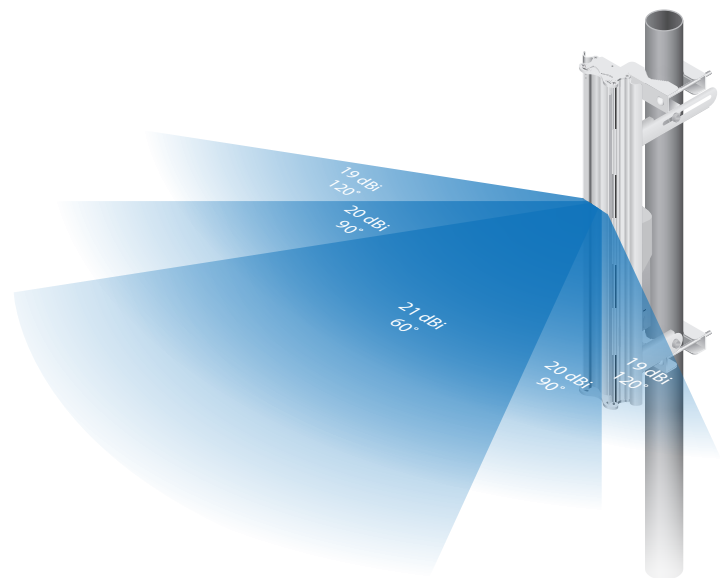
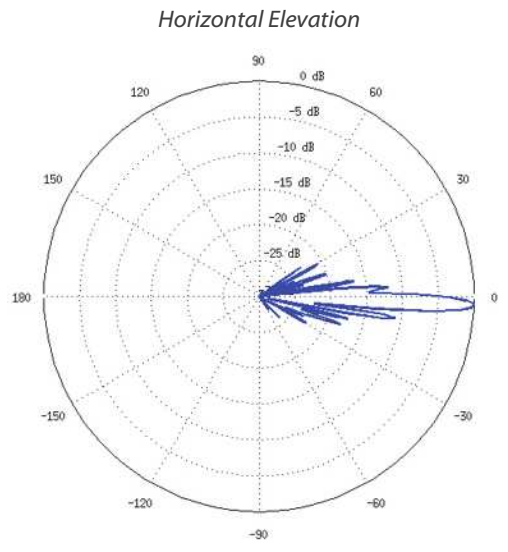
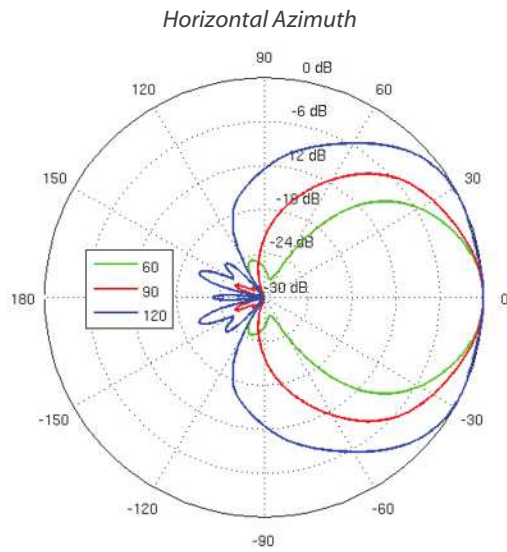
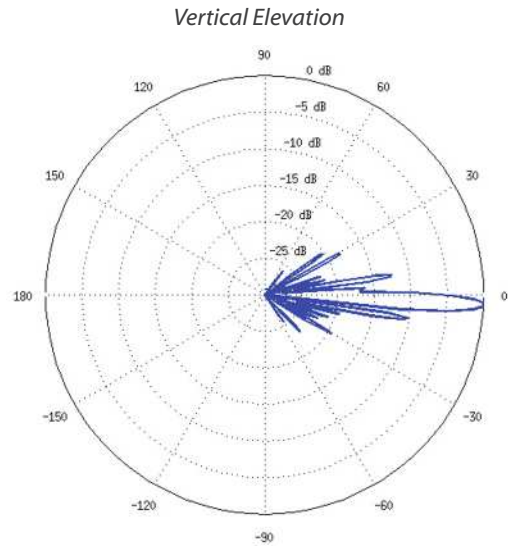
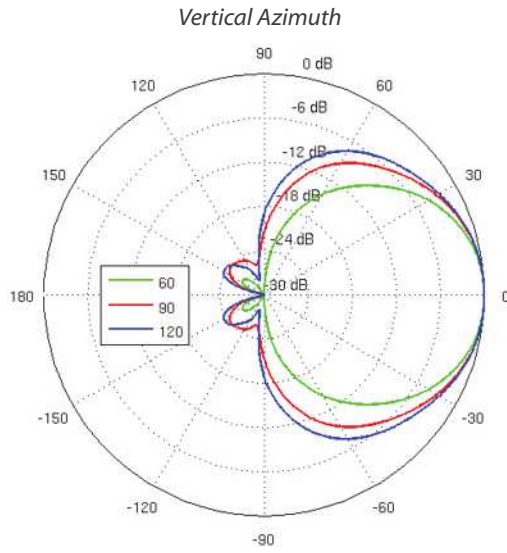


Horizontal Elevation

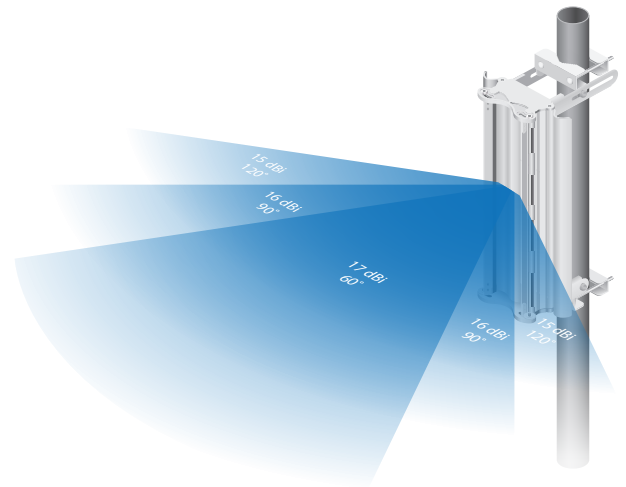
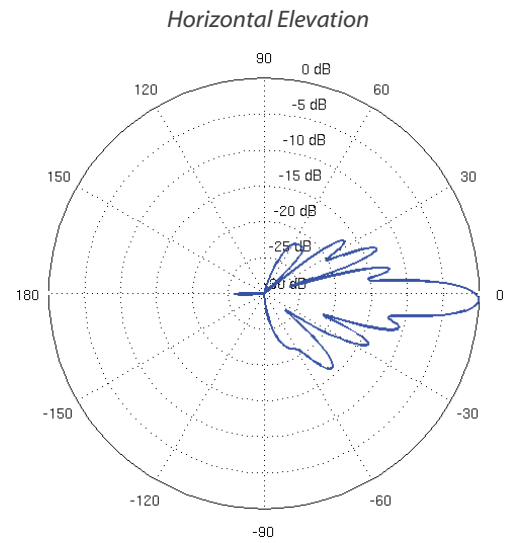
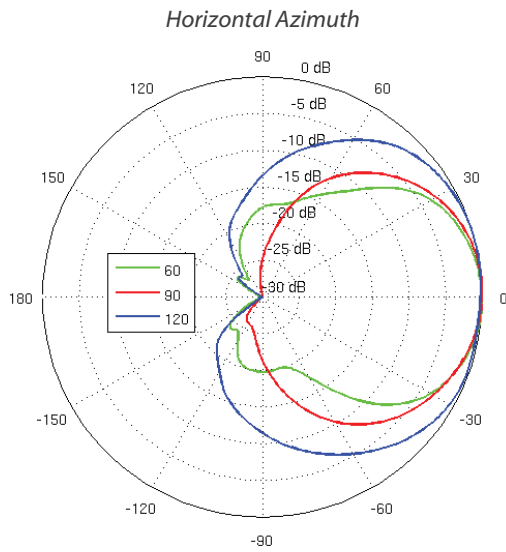
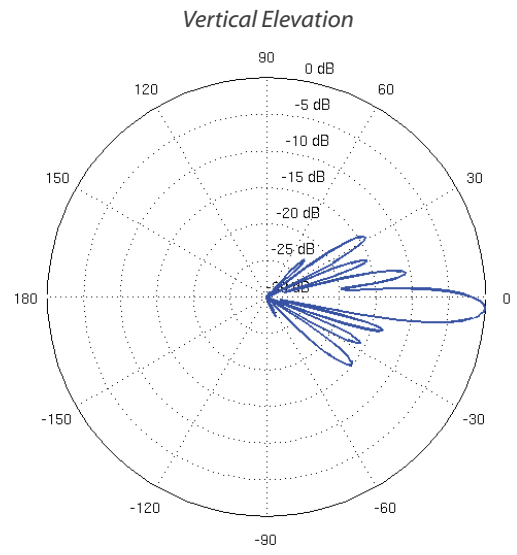
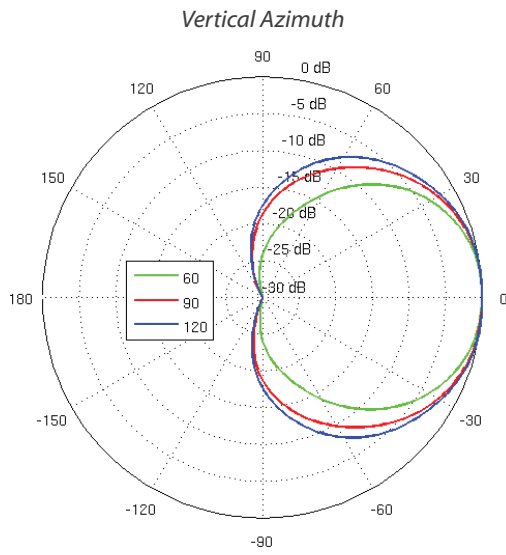




# AM-V5G-Ti Antenna Information



## AM-M-V5G-Ti Antenna Information



Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: [www.ubnt.com/support/warranty](http://www.ubnt.com/support/warranty)  
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