

698-960/1710-2700MHz 2/4dBi LTE Omni Surface Mount Antenna With Two SMA Connectors



Ventev's TerraWave 698-2700 MHz 2/4dBi omnidirectional surface-mount LTE antenna is designed for outdoor IoT and mobile networks operating in the 698-960/1710-2700 MHz bands. The antenna's materials, construction, and simple surface mount option make it perfectly suited for deployments where it must withstand moisture, wind, sun, and dust. The two leads provide connections for primary and diversity antenna ports found on many popular cellular modems. *Every Ventev antenna is covered by the company's two-year warranty program.*

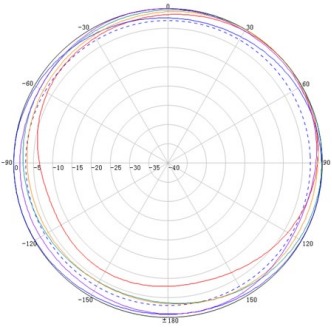
For more information or to purchase, contact Ventev: 800.851.4965 or sales@ventev.com.

Specifications		
SKU	217066	
Model	M3020040O2D1818SM	
Frequency Range MHz	698-960	1700-2700
Average Peak Gain dBi	1	2.5
Horizontal Beamwidth	360	
Vertical Beamwidth	65	
VSWR	2.5:1	
Polarization	Vertical	
Max Power Watts	50	
Connector	2 x Right Angle SMA Plugs	
Leads	2 x 18"	
Dimensions	3.5" H x 1.75" W	
Weight	1.5 lbs.	
Radome Color	Black	
Mount Method	Surface Mount	
Ground Plane	Required for Optimal Performance	
Operating Temperature	-40° to +140°	

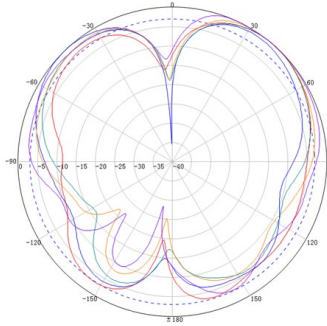
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Radiation Patterns

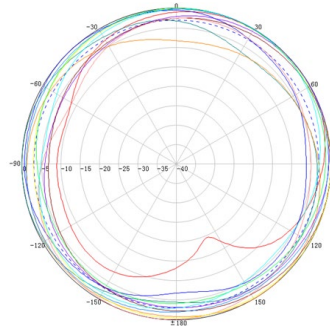
Port 1



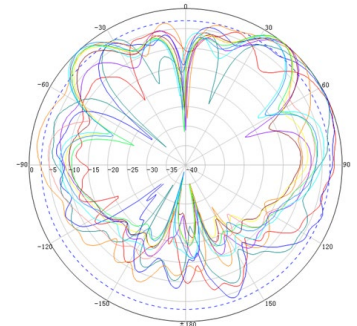
H Plane 698~960MHz



E Plane 698~960MHz

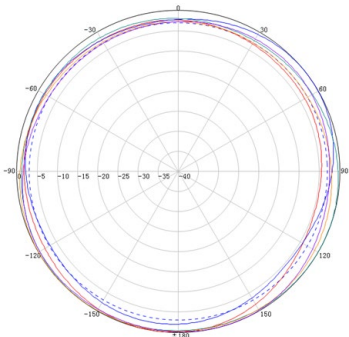


H Plane 1700~2700MHz

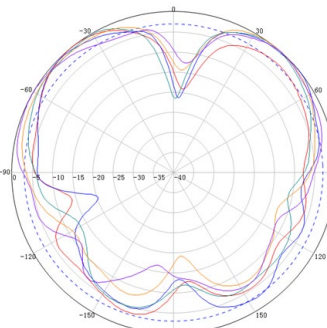


E Plane 1700~2700MHz

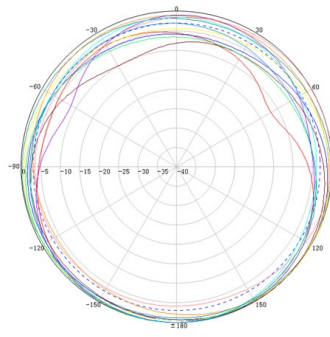
Port 2



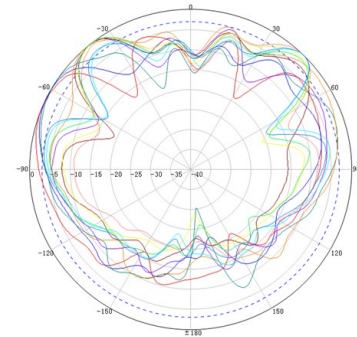
H Plane 698~960MHz



E Plane 698~960MHz



H Plane 1700~2700MHz



E Plane 1700~2700MHz

Mounting Instructions:

Note: These instructions assume the antenna is being mounted to a flat metal surface.

- Drill a 3/8" hole in the mounting surface.
- Remove and retain the mounting nut.
- Lower the connectors and cables through the hole.
- Set the antenna flat on the mounting surface.
- Install and tighten the mounting nut on the underside of the mounting surface.

Optional: Place a small bead of silicone sealant around the edge of the antenna where it sits atop the mounting surface.