

## Antenna Test Lab Co. Summary

[www.AntennaTestLab.com](http://www.AntennaTestLab.com)

Test Date	Friday, January 27, 2023
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Sample Description	Embedded Microstrip Antenna 3M/Scott P/N 200764

Axis	Antenna Under Test Orientation Notes (See Coordinate Diagram Tab And Separate Setup Photos)
+Z Axis is Theta= 0 & Phi=any	
-Z Axis is Theta= 180 & Phi=any	Axis of feed line
+X axis is Theta=90 & Phi=0	
-X axis is Theta=90 & Phi=180	
+Y axis is Theta=90 & Phi=90	
-Y axis is Theta=90 & Phi=270	

### Other Coordinate Notes, 3-Axis Cuts in Spherical Coordinates ...

XZ Cut (Turntable) is Theta=0-360 & Phi=0, or Theta=0-180 & Phi=0 then Theta=180-0 & Phi=180

YZ Cut is Theta=0-360 & Phi=90, or Theta=0-180 & Phi=90 then Theta=180-0 & Phi=270

XY Cut is Theta=90 & Phi=0-360

### Notes And Observations

Customers may download 3-Dimensional pattern visualization software (use on Theta-Ring.TXT file) from

<http://antennatestlab.com/antenna-education-tutorials/plotting>



