

# Preliminary "High Frequency Ceramic Solutions"

**2 GHz Antenna** Small form factor  
Detail Specification: 03/04/09

**P/N 2000AT18A0075**  
Page 1 of 3

## General Specifications

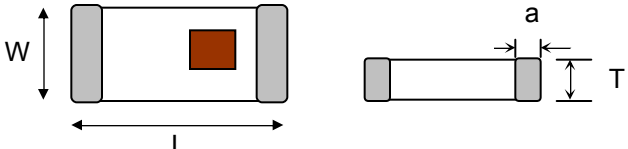
Part Number	2000AT18A0075
Frequency Range	1965 - 2040 Mhz
Peak Gain	0.3 dBi typ. (XZ-V)
Average Gain	-3 dBi typ. (XZ-V)
Return Loss	9.5 dB min.

Input Power	2 Watts max.
VSWR	2 max
Operating Temperature	-40 to +85°C
Reel Quantity	3000

No.	Function	Terminal Configuration
1	Feeding Point	
2	NC	

## Mechanical Dimensions

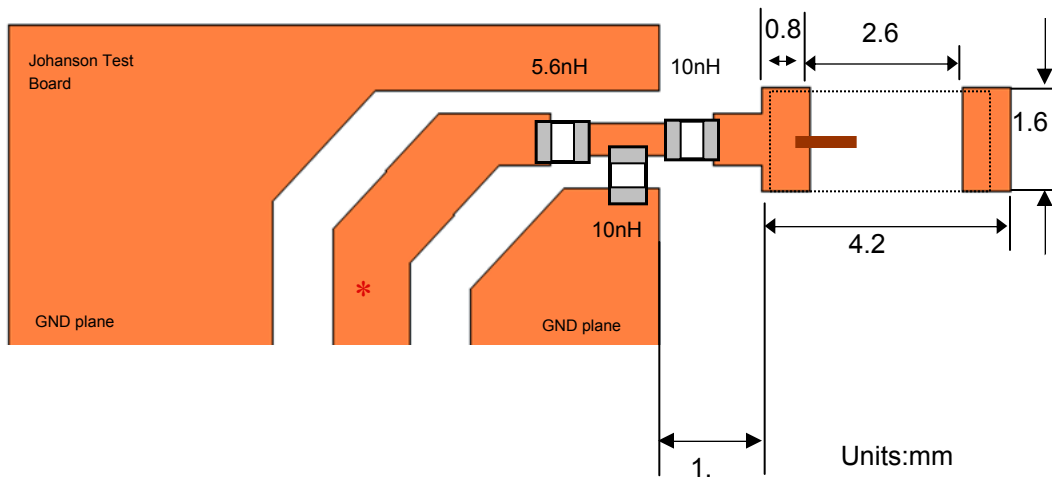
	In	mm
L	0.126 ± 0.008	3.20 ± 0.20
W	0.063 ± 0.008	1.60 ± 0.20
T	0.051 ± 0.008	1.30 ± 0.20
a	0.020 ± 0.012	0.50 ± 0.30



## Mounting Considerations

Mount these devices with brown mark facing up. Units: mm

\*Line width should be designed to provide 50Ω impedance matching characteristics.



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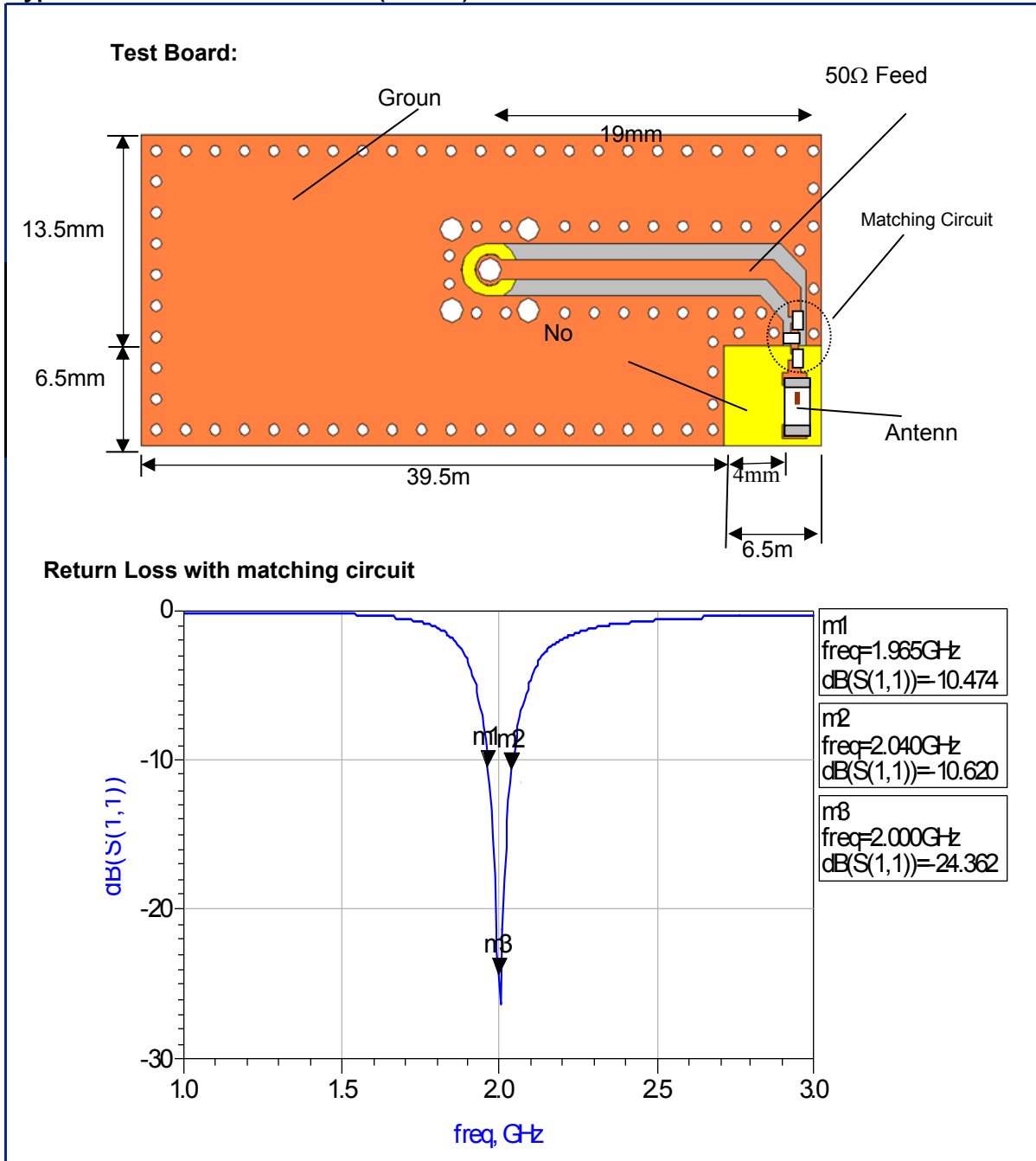
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## Typical Electrical Characteristics (T=25°C)



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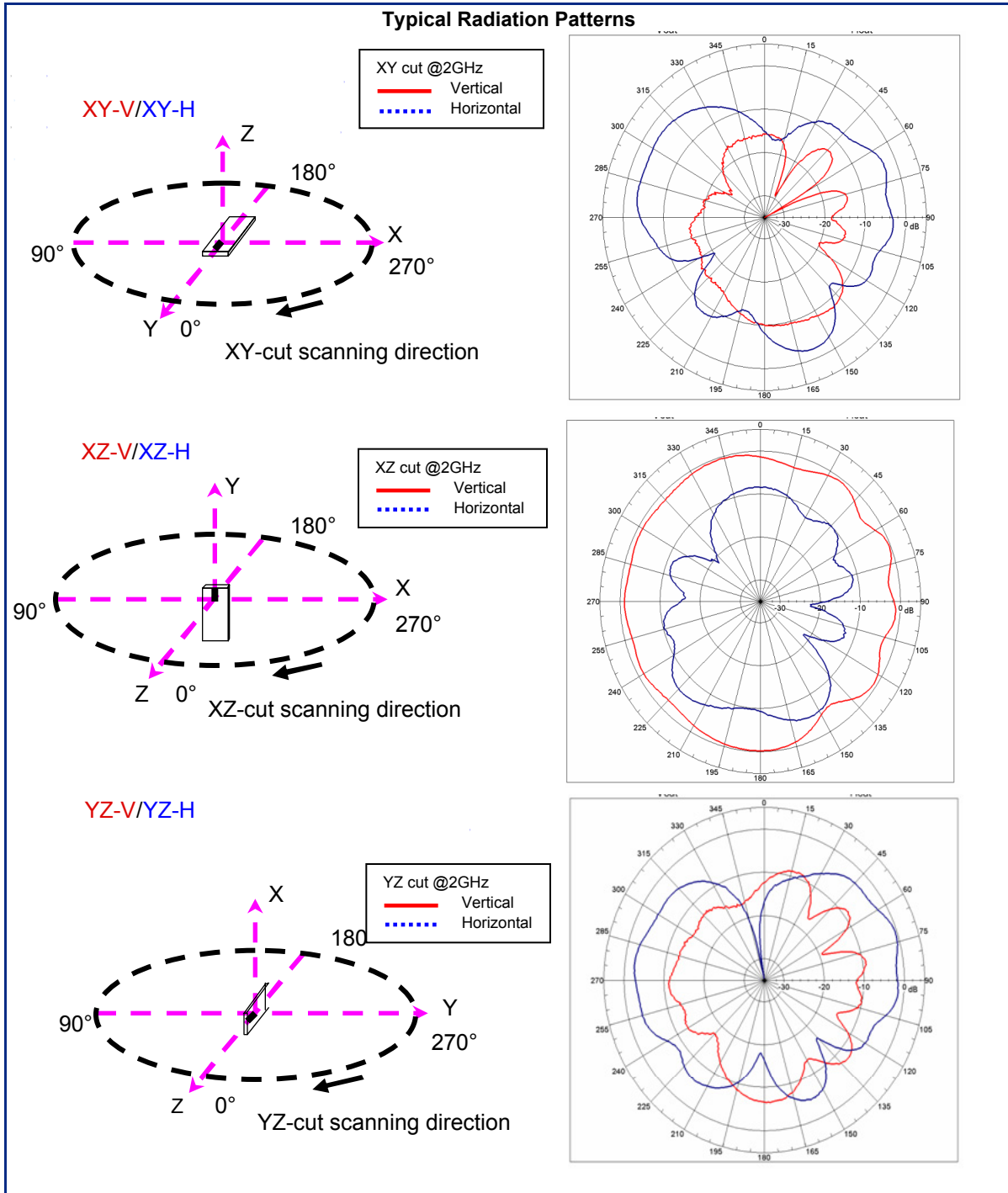
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