

Preliminary "High Frequency Ceramic Solutions"

2 GHz Antenna Small form factor

P/N 2000AT18A0075

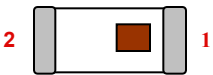
Detail Specification: 03/04/09

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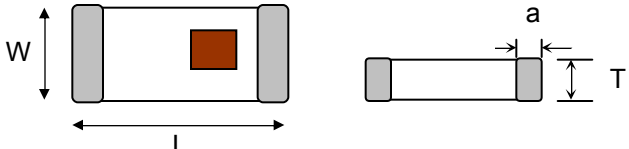
General Specifications

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	

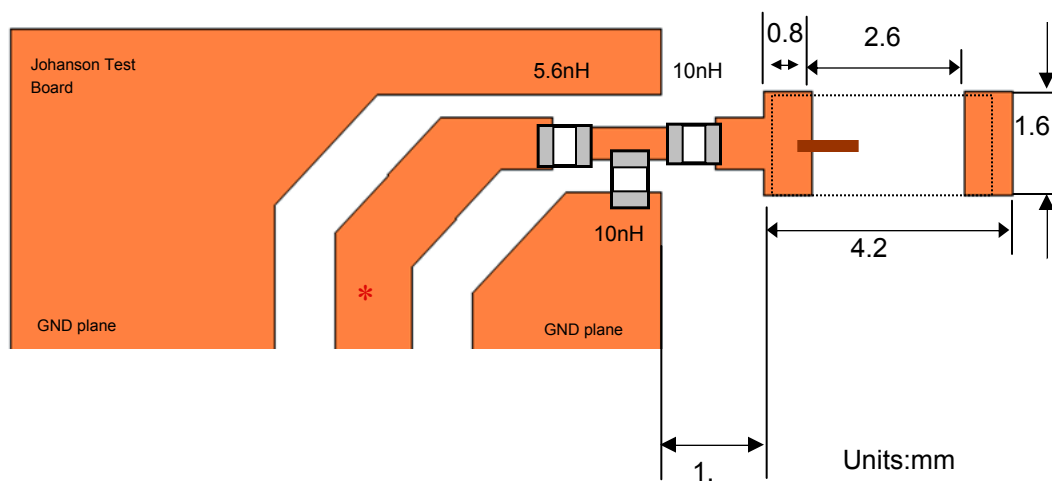
Mechanical Dimensions

	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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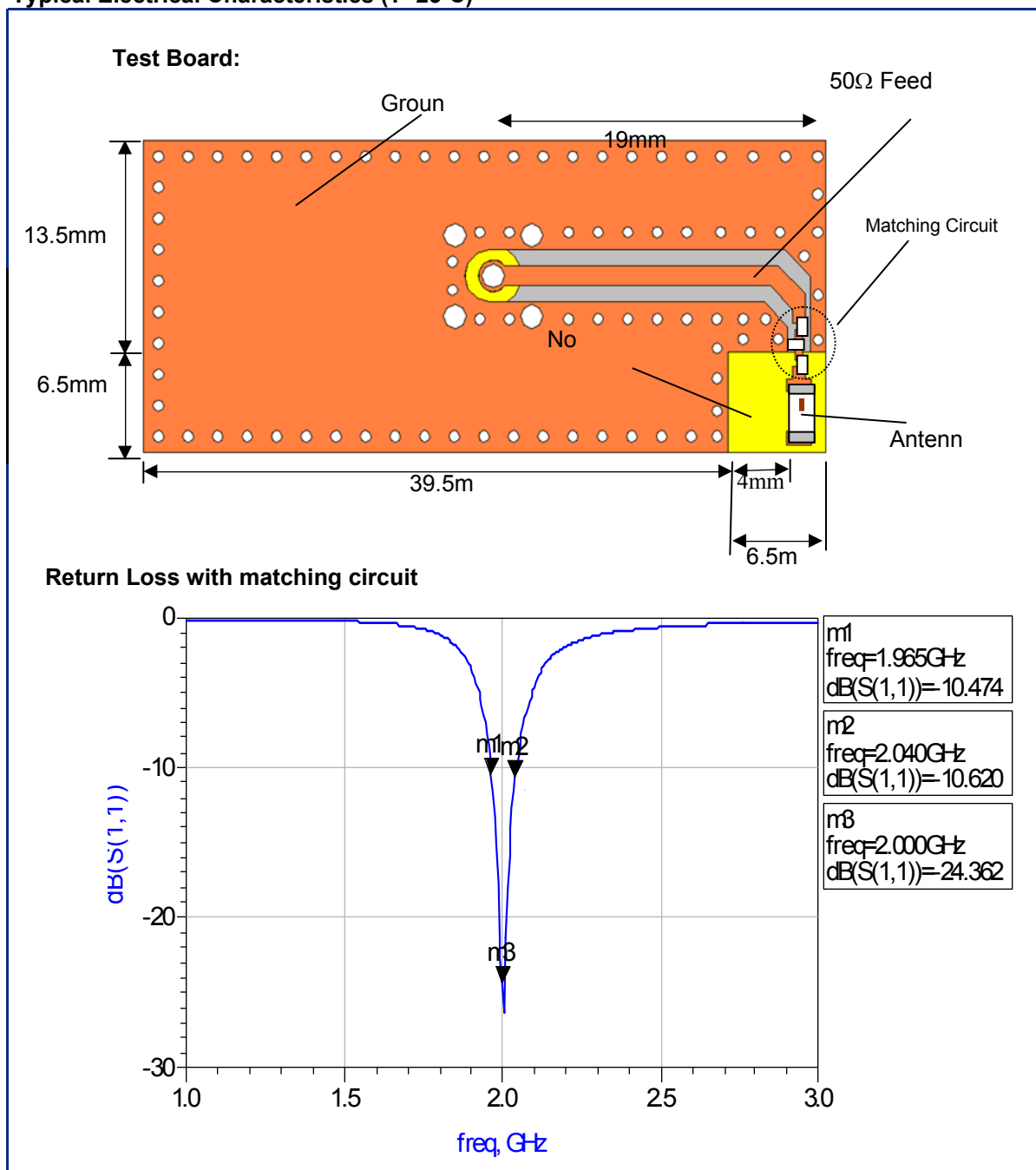
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Typical Electrical Characteristics (T=25°C)



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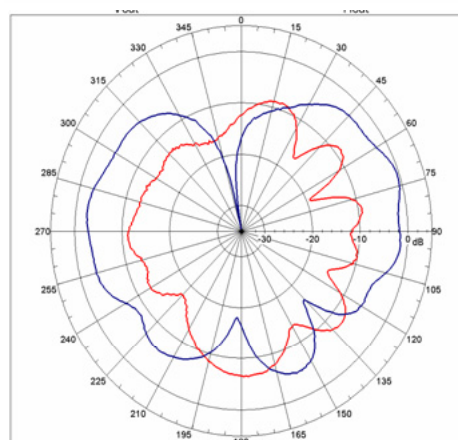
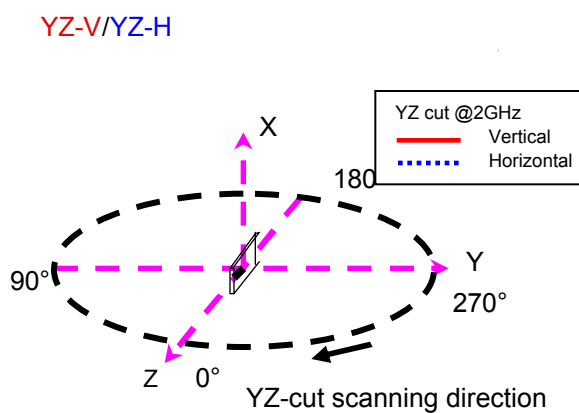
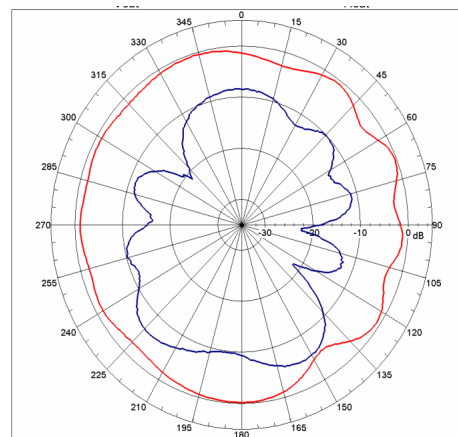
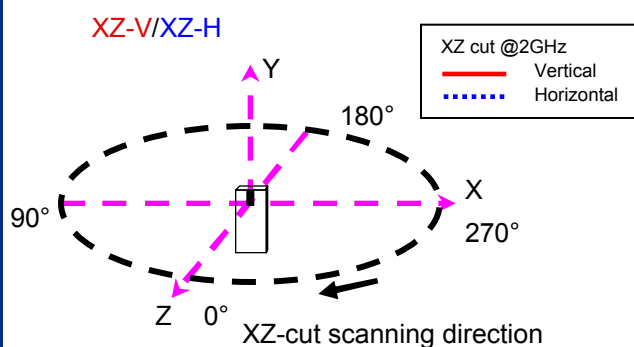
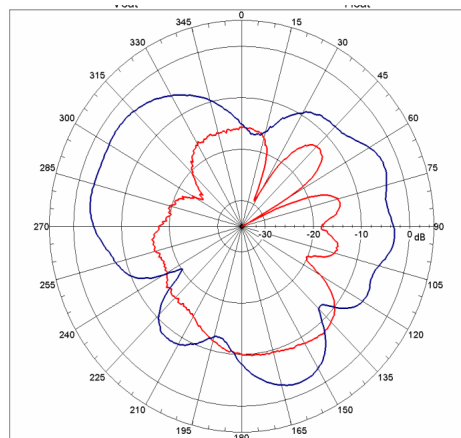
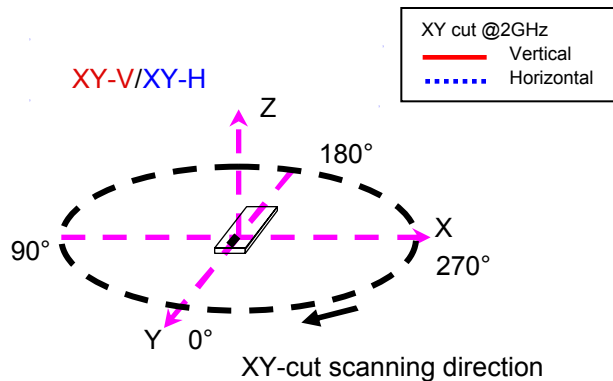
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Typical Radiation Patterns



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