

"High Frequency Ceramic Solutions"

2.45 GHz Antenna

P/N 2450AT42A100

Detail Specification: 08/29/2008

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General Specifications

Part Number	2450AT42A100
Frequency Range	2400 - 2500 Mhz
Peak Gain	0 dBi typ. (XZ-V)
Average Gain	-1 dBi typ. (XZ-V)
Return Loss	9.5 dB min.

Input Power	3 Watts max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	2,000

No.	Function	Terminal Configuration
1	Feeding Point	
2	NC	

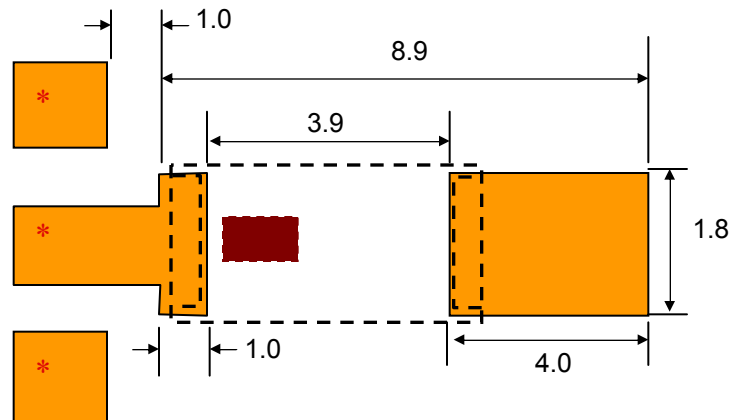
Mechanical Dimensions

	In	mm
L	0.197 \pm 0.008	5.00 \pm 0.20
W	0.079 \pm 0.008	2.00 \pm 0.20
T	0.043 \pm 0.008	1.10 \pm 0.20
a	0.020 \pm 0.012	0.50 \pm 0.30

Mounting Considerations

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

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



Units:mm

Johanson Technology, Inc. reserves the right to make design changes without notice.
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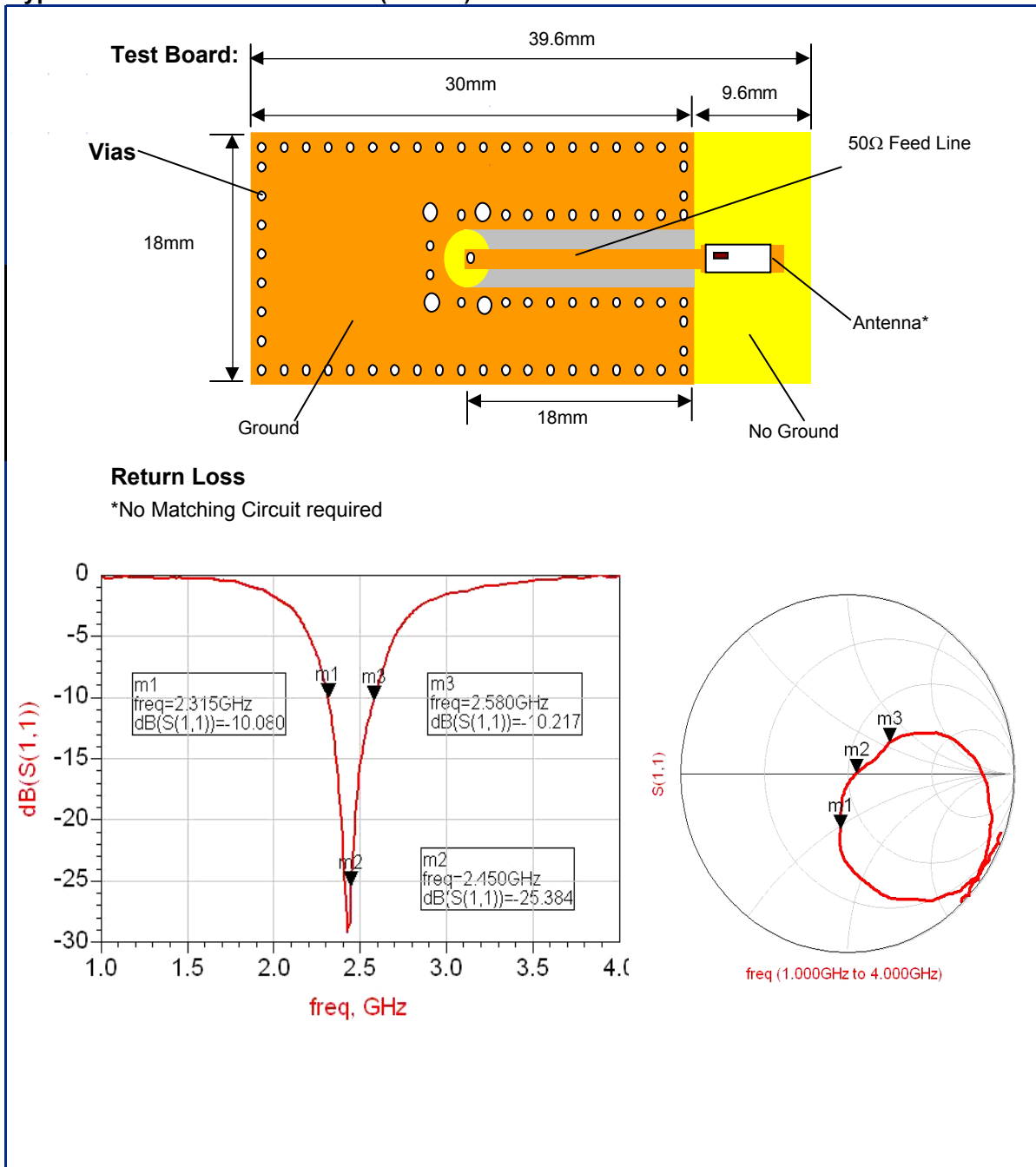
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Typical Electrical Characteristics (T=25°C)



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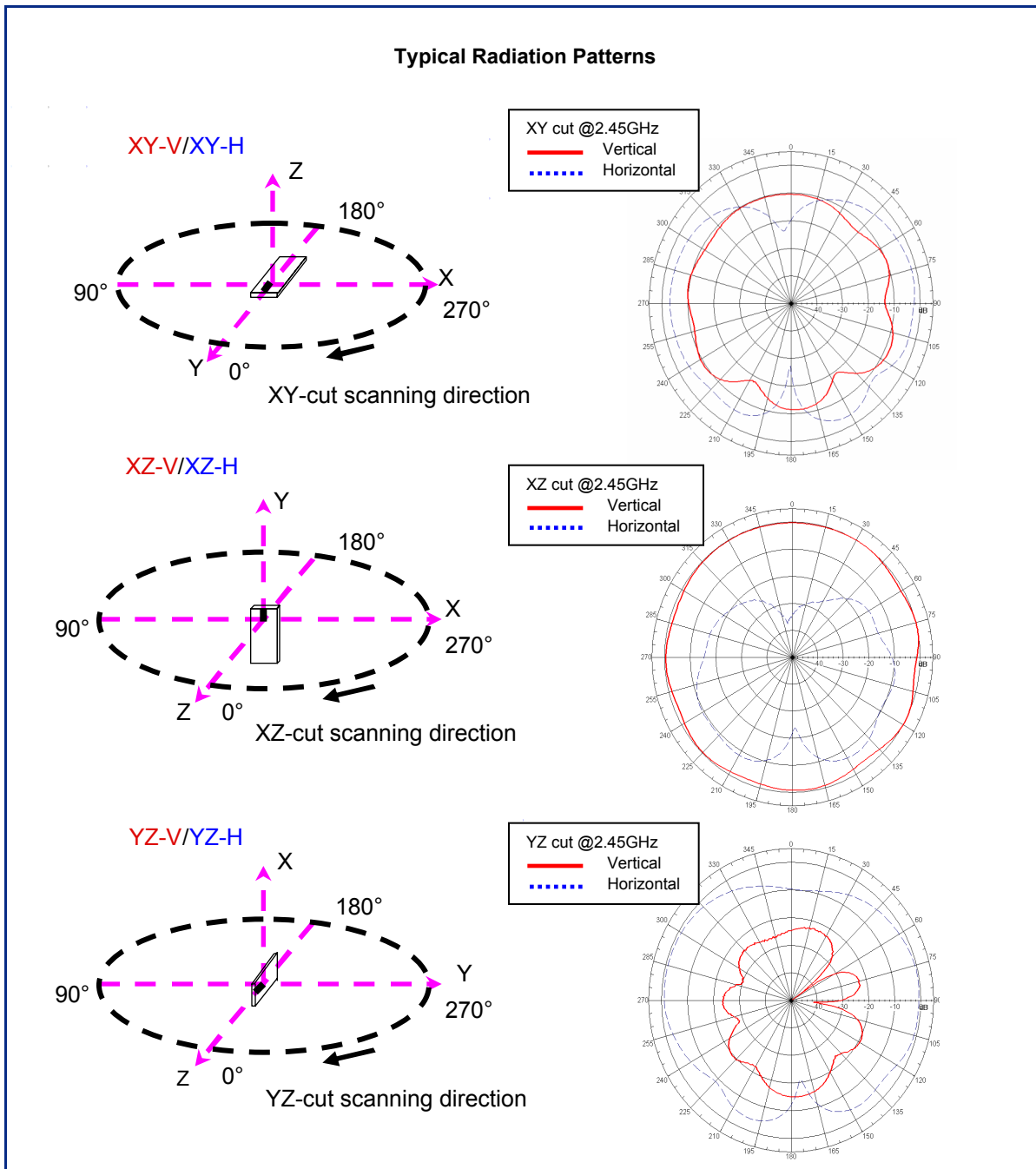
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