

High Frequency Ceramic Solutions

868MHz Antenna

P/N 0868AT43A0020

Detail Specification: 06/06/07

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General Specifications

Part Number	0868AT43A0020
Frequency Range	858 - 878 Mhz
Peak Gain	-1.0 dBi typ. (XZ-total)
Average Gain	-4.0 dBi typ. (XZ-total)
Return Loss	9.5 dB min.

Input Power	3W max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	1,000
MSL	2

No.	Function	Terminal Configuration
1	Feeding Point	
2	NC	

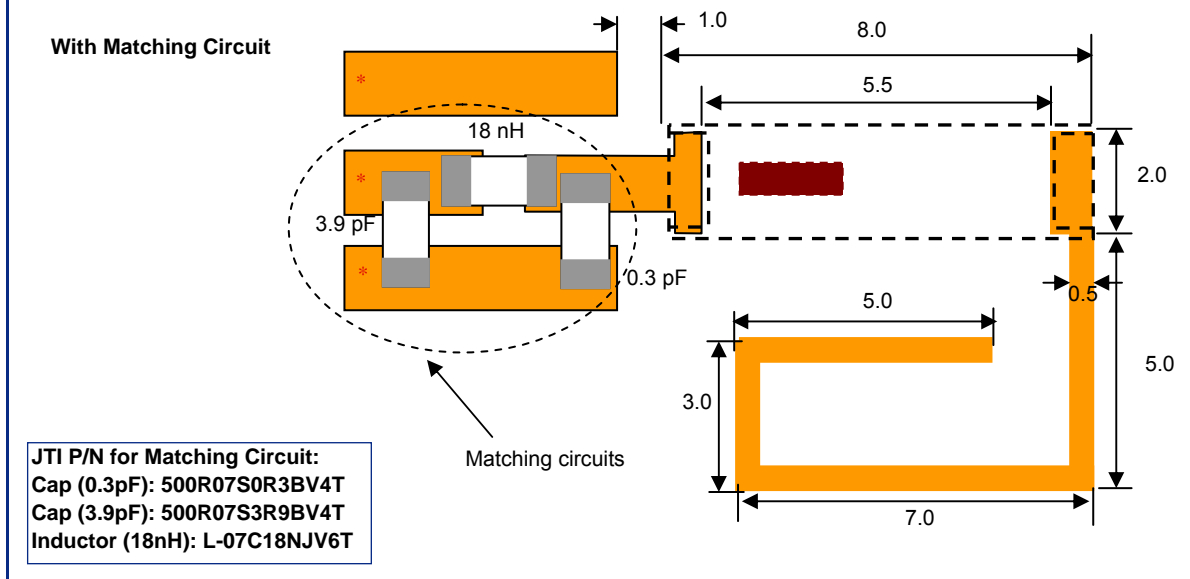
Mechanical Dimensions

	In	mm		
L	0.276 \pm 0.008	7.00 \pm 0.20		
W	0.079 \pm 0.008	2.00 \pm 0.20		
T	0.031 +.004/-0.008	0.80 +0.1/-0.2		
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.



Johanson Technology, Inc. reserves the right to make design changes without notice.

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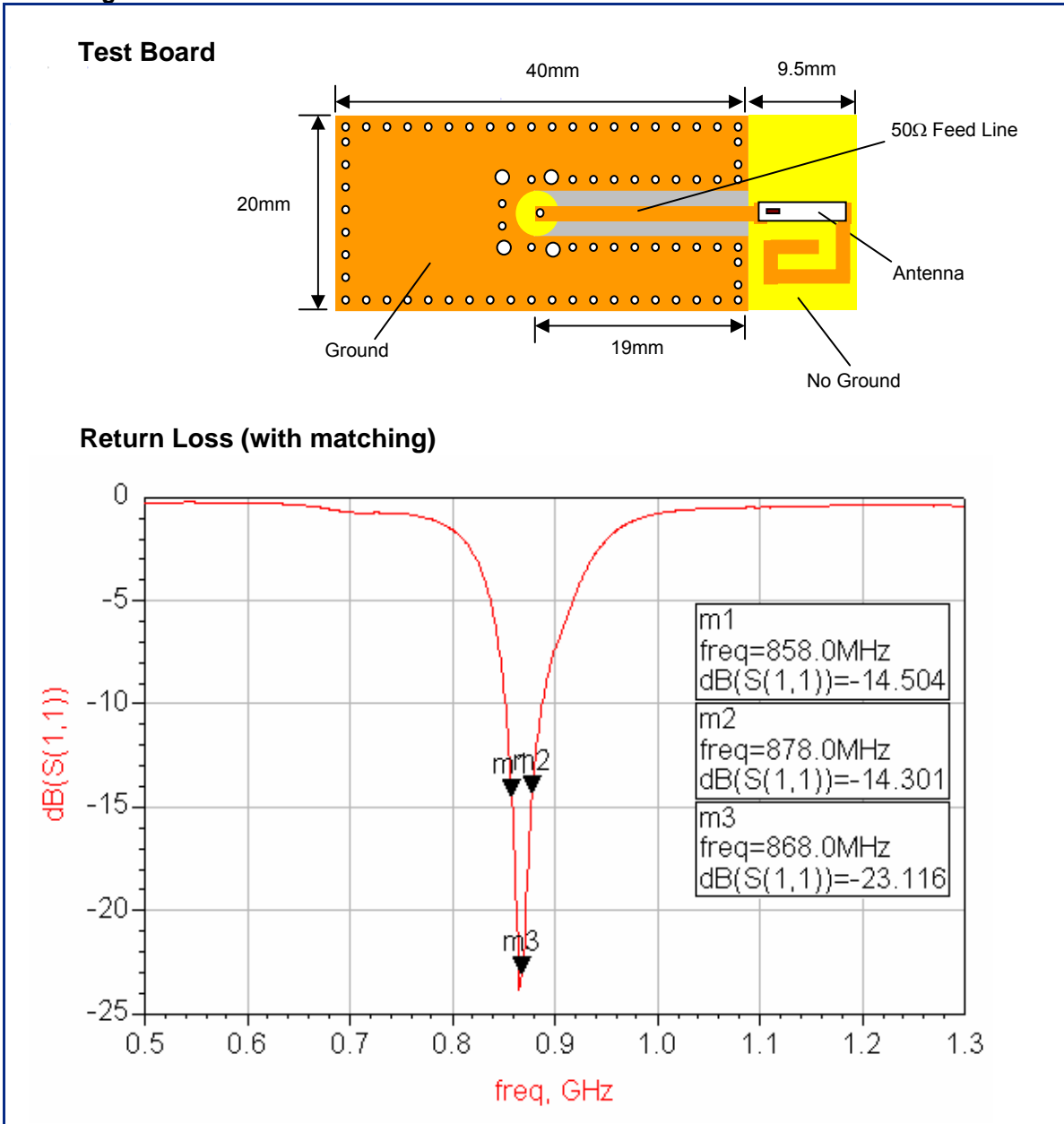
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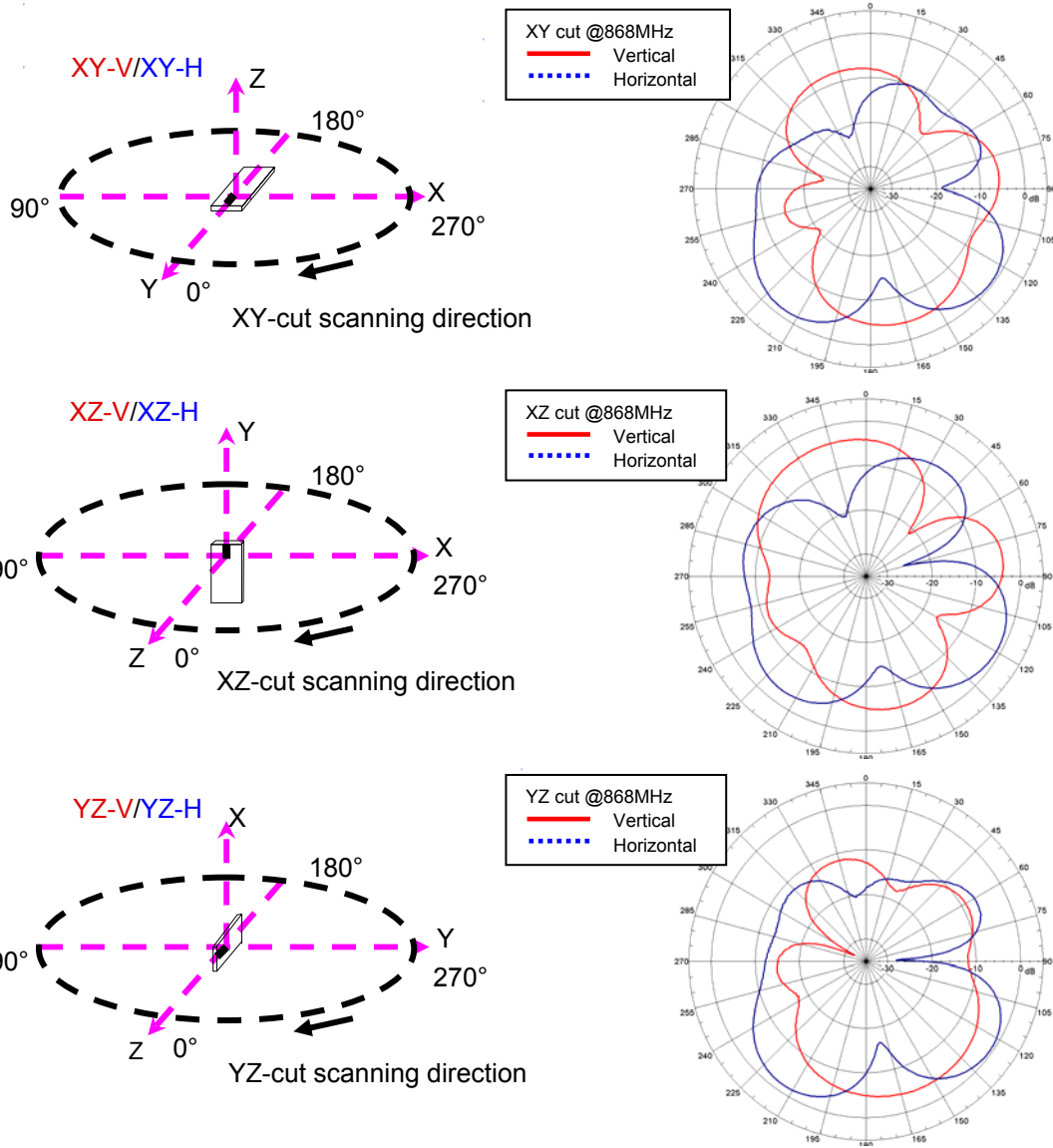
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Typical Radiation Patterns



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