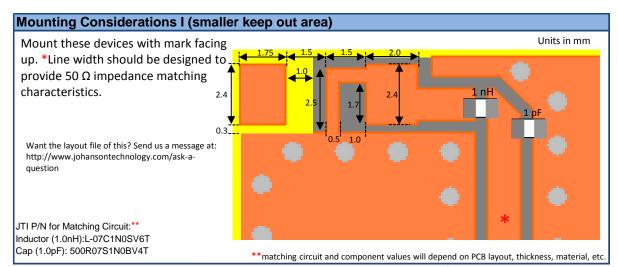
2.4 GHz AntennaDetail Specification: 5/4/2016 Page 1 of 8

General Specifications					
Part Number	2450AT42D0100	Input Power	2W max. (CW)		
Frequency (MHz)	2400 - 2500 MHz	Operating Temperature	-40 to +85°C		
Peak Gain (XZ-V)	0.5 dBi typ.	Recommended Storage	+5 to +35°C, 45~75%RH		
Average Gain (XZ-V)	-2.0 dBi typ.	Conditions	18 months max.		
Return Loss	6 dB min.	Reel Quanity	1,000		

Part Number Explanation					
P/N Suffix	Packing Style	Bulk (loose)	Suffix = S	eg. 2450AT42D0100S	
		T&R	Suffix = E	eg. 2450AT42D0100E	
		100% Tin	Suffix = E or S	eg. 2450AT42D0100(E or S)	
	Evaluation Board	2450AT42D0100-EB1SMA			

Mechanical Dimensions				
	ln	mm		
L	0.197 ± 0.008	5.00 ± 0.20		
W	0.079 ± 0.008	2.00 ± 0.20		
Т	0.118 ± +.004/008	3.00 ± +0.1/-0.2		
а	0.020 ± 0.012	0.50 ± 0.30		
W	Top view Side view			

Terminal Configuration				
No.	Function			
1	Feeding Point			
2	NC*			
② *This terr	ninal must be soldered for anchoring and functionality purposes			



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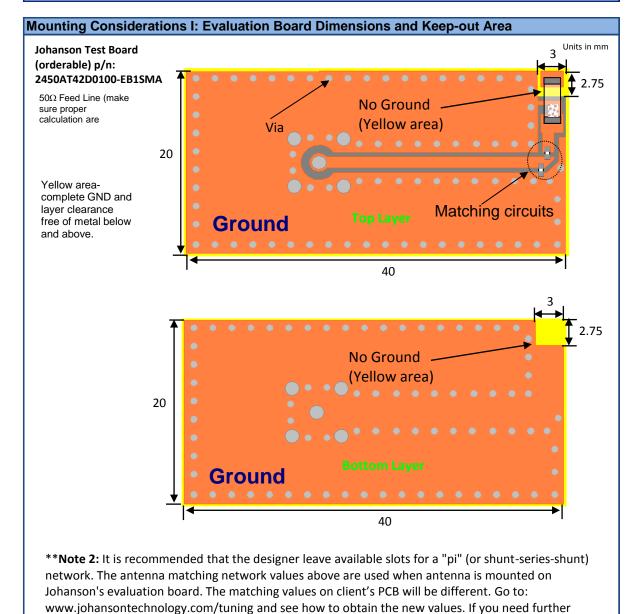
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Ver 1.1

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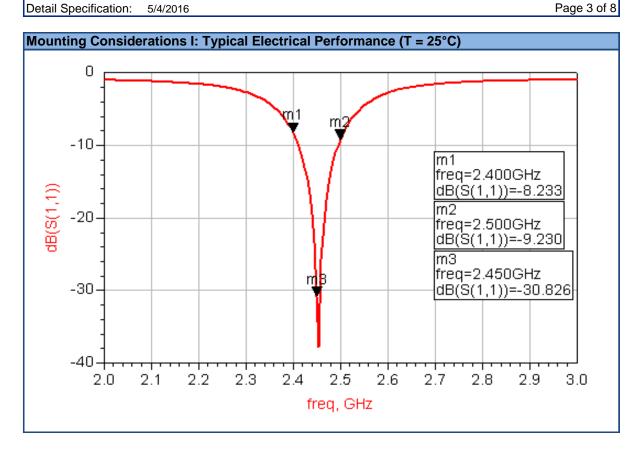
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help, such as needing the layout file of the above, contact our RF Applications Eng. Team at:

2.4 GHz Antenna P/N 2450AT42D0100



Feel free to contact us if you have any questions regarding the implementation of this antenna in your PCB's layout. We'll be happy to guide you in how to maximize the antenna's performance.

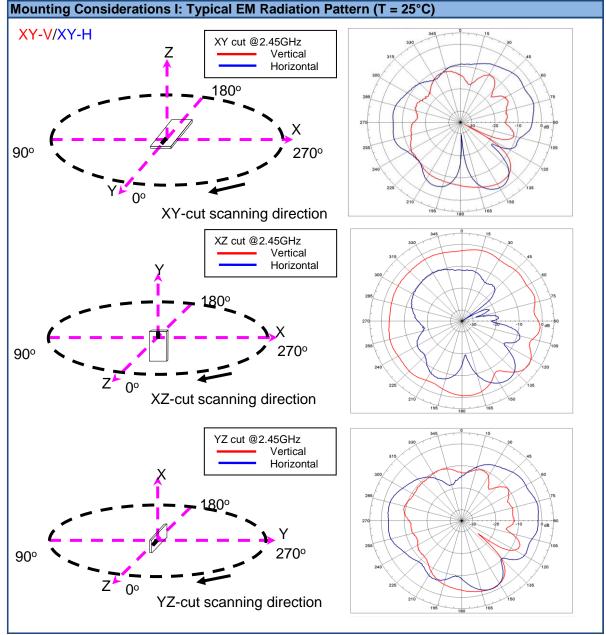
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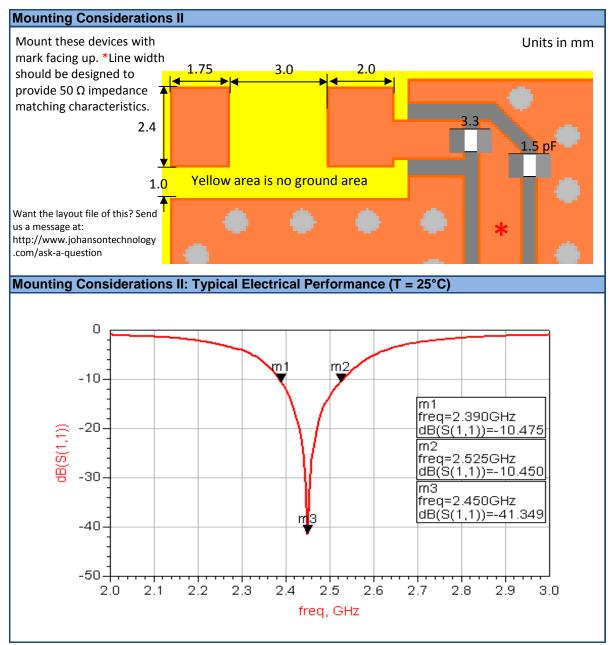
Detail Specification: 5/4/2016 Page 4 of 8





2.4 GHz Antenna P/N 2450AT42D0100

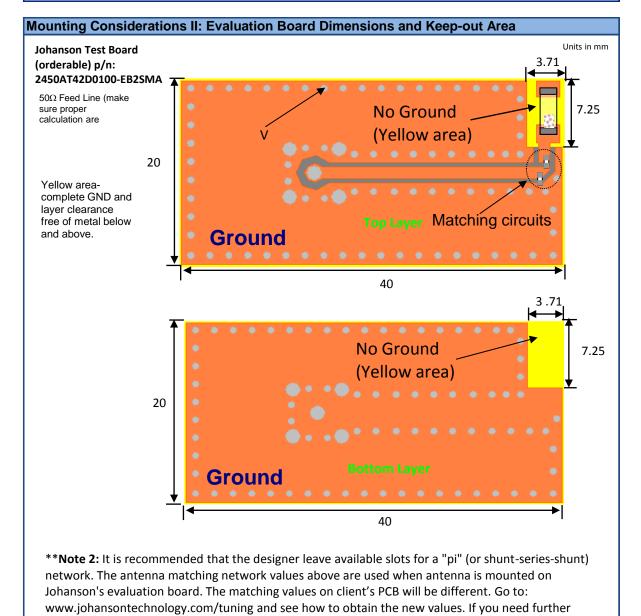
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Page 6 of 8 Detail Specification: 5/4/2016



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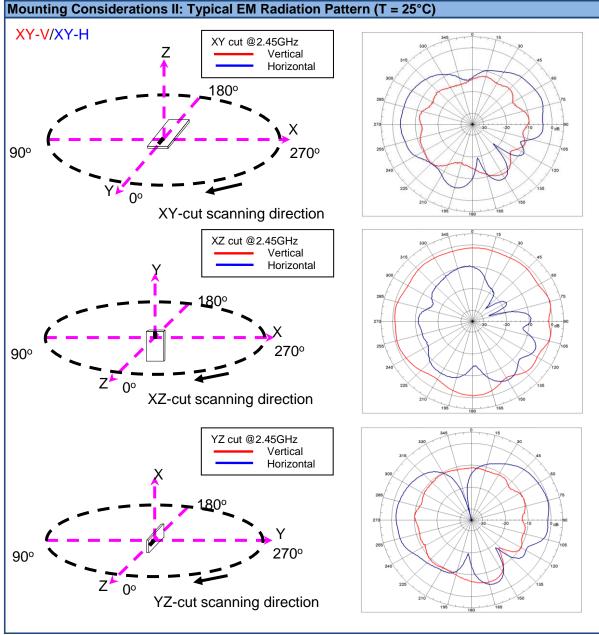


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