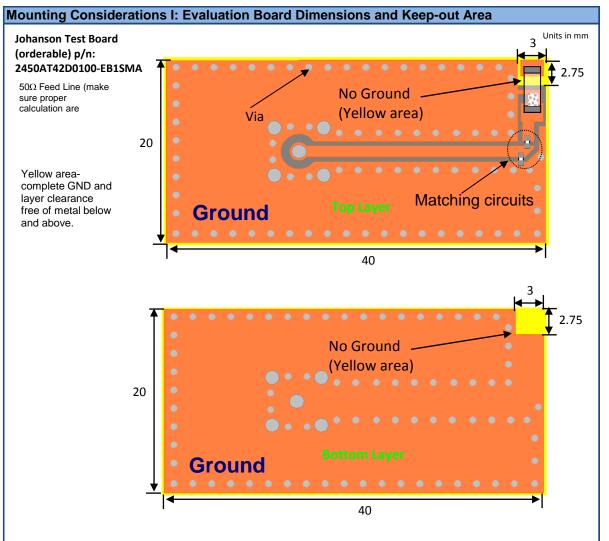
2.4 GHz Antenna

Detail Specification: 5/4/2016

P/N 2450AT42D0100

Page 2 of 8



**\*\*Note 2:** It is recommended that the designer leave available slots for a "pi" (or shunt-series-shunt) network. The antenna matching network values above are used when antenna is mounted on Johanson's evaluation board. The matching values on client's PCB will be different. Go to: www.johansontechnology.com/tuning and see how to obtain the new values. If you need further help, such as needing the layout file of the above, contact our RF Applications Eng. Team at: www.johansontechnology.com/ask-a-question

Johanson Technology, Inc. reserves the right to make design changes without notice. Please confirm the specifications and delivery conditions when placing your order. All sales are subject to Johanson Technology, Inc. terms and conditions.



 www.johansontechnology.com

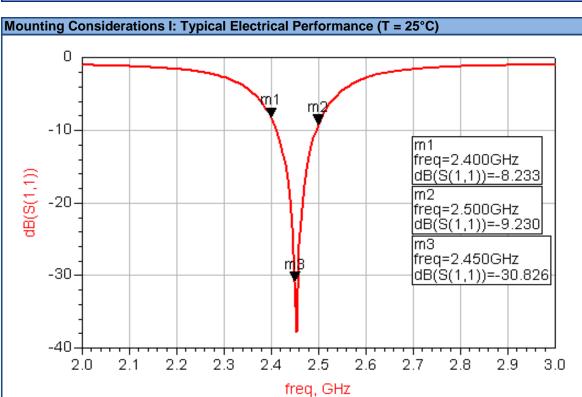
 4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

 Ver 1.1
 2016 Johanson Technology, Inc. All Rights Reserved

2.4 GHz Antenna

Detail Specification: 5/4/2016 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.

You can contact us here:

www.johansontechnology.com/ask-a-question

Johanson Technology, Inc. reserves the right to make design changes without notice. Please confirm the specifications and delivery conditions when placing your order. All sales are subject to Johanson Technology, Inc. terms and conditions.



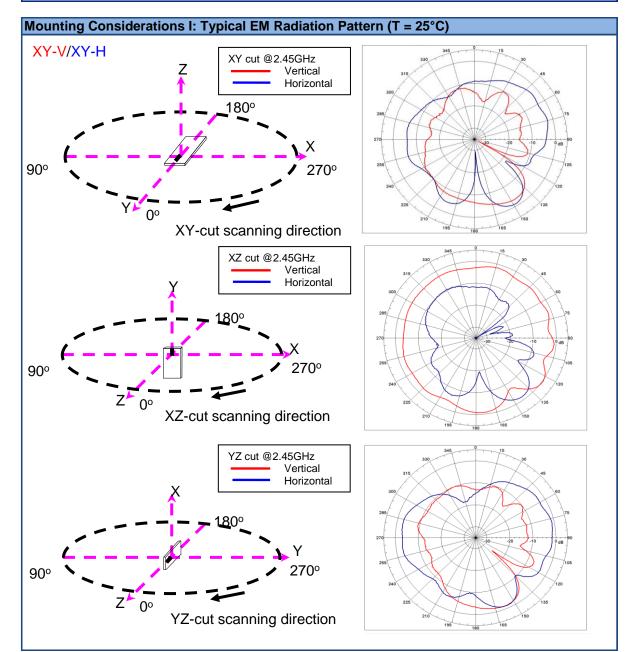
www.johansontechnology.com 4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821 Ver 1.1 2016 Johanson Technology, Inc. All Rights Reserved

2.4 GHz Antenna

Detail Specification: 5/4/2016

P/N 2450AT42D0100

Page 4 of 8



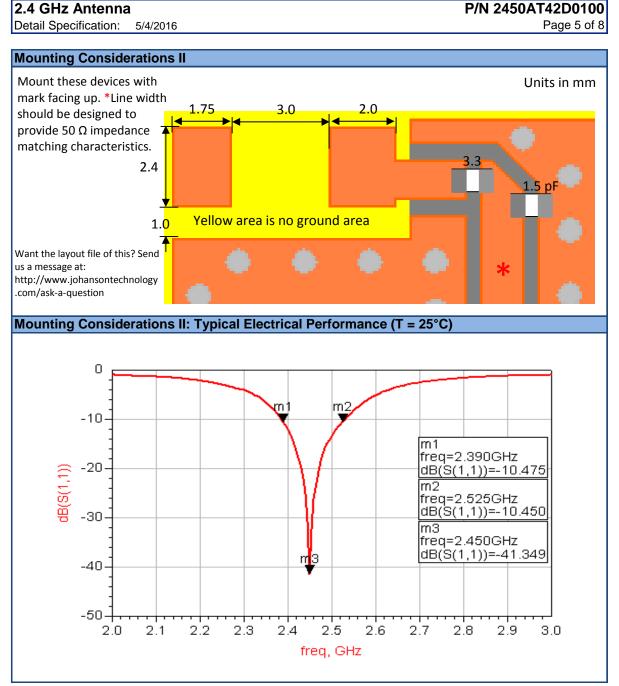
Johanson Technology, Inc. reserves the right to make design changes without notice. Please confirm the specifications and delivery conditions when placing your order. All sales are subject to Johanson Technology, Inc. terms and conditions.

Ver 1.1



www.johansontechnology.com 4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

2016 Johanson Technology, Inc. All Rights Reserved



Johanson Technology, Inc. reserves the right to make design changes without notice. Please confirm the specifications and delivery conditions when placing your order. All sales are subject to Johanson Technology, Inc. terms and conditions.

Ver 1.1



www.johansontechnology.com

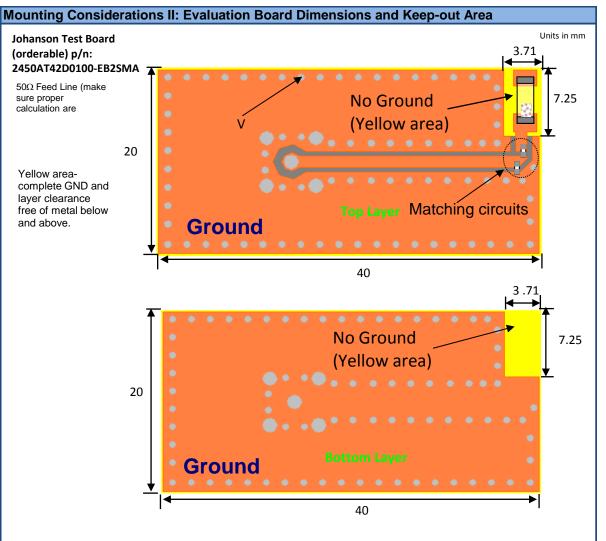
2016 Johanson Technology, Inc. All Rights Reserved

4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

2.4 GHz Antenna

Detail Specification: 5/4/2016 P/N 2450AT42D0100

Page 6 of 8



\*\*Note 2: It is recommended that the designer leave available slots for a "pi" (or shunt-series-shunt) network. The antenna matching network values above are used when antenna is mounted on Johanson's evaluation board. The matching values on client's PCB will be different. Go to: www.johansontechnology.com/tuning and see how to obtain the new values. If you need further help, such as needing the layout file of the above, contact our RF Applications Eng. Team at: www.johansontechnology.com/ask-a-question

Johanson Technology, Inc. reserves the right to make design changes without notice. Please confirm the specifications and delivery conditions when placing your order. All sales are subject to Johanson Technology, Inc. terms and conditions.

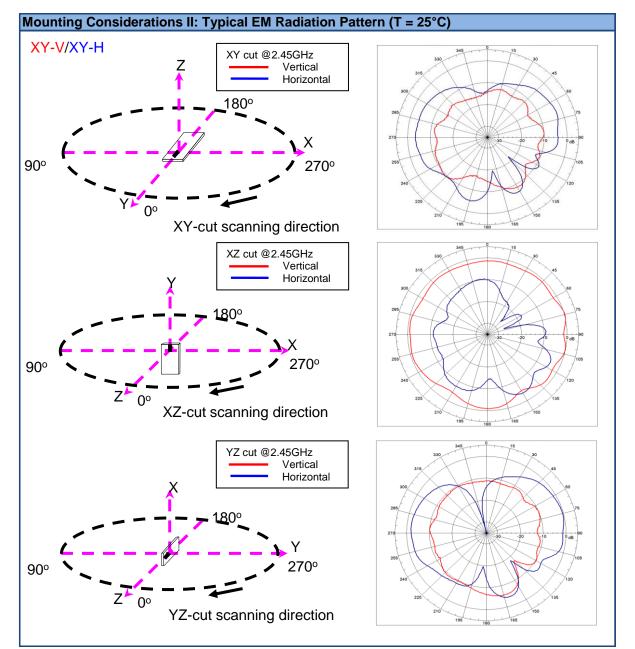


www.johansontechnology.com 4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821 Ver 1.1 2016 Johanson Technology, Inc. All Rights Reserved

2.4 GHz Antenna

Detail Specification: 5/4/2016 P/N 2450AT42D0100

Page 7 of 8



Johanson Technology, Inc. reserves the right to make design changes without notice. Please confirm the specifications and delivery conditions when placing your order. All sales are subject to Johanson Technology, Inc. terms and conditions.



www.johansontechnology.com

Ver 1.1

4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821 2016 Johanson Technology, Inc. All Rights Reserved

2.4 GHz Antenna

#### P/N 2450AT42D0100

Page 8 of 8

Detail Specification: 5/4/2016

More SMD Chip Antennas at:

www.johansontechnology.com/antennas

Packaging information

www.johansontechnology.com/tape-reel-packaging

**Soldering Information** 

www.johansontechnology.com/typical-soldering-profile

Antenna layout and tuning techniques

www.johansontechnology.com/tuning

Antenna layout review, tuning, and characterization services

www.johansontechnology.com/ipc-antenna-services

**RoHS Compliance** 

www.johansontechnology.com/rohs-compliance

**MSL** Info

www.johansontechnology.com/msl-rating

Johanson Technology, Inc. reserves the right to make design changes without notice. Please confirm the specifications and delivery conditions when placing your order. All sales are subject to Johanson Technology, Inc. terms and conditions.



www.johansontechnology.com 4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821 Ver 1.1 2016 Johanson Technology, Inc. All Rights Reserved

### **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

<u>Johanson</u>: 2450AT42D0100E