Electro-Photonics LLC

SMT EVALUATION BOARD

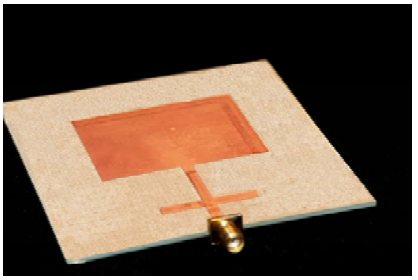
FOR

2.4 GHZ PATCH ANTENNA

ANT2R4GHz-Z050-PATCH-EVAL

This new high performance evaluation board allows for quick and convenient method of characterizing this 2.4 to 2.48 GHz reference patch antenna design.

Save valuable time and speed up your design cycle by quickly evaluating this and other antennas.



Features

- Emerson RF connectors
- Taconic RF35A2 PCB material
- Optimized RF connector launch
- MIMO WiFi applications

Electrical Specifications

Parameter	Specification	Units
Frequency Range (3 dB points)	2.403 to 2.488	GHz
Gain	5.4	dBi
VSWR	1.2:1	
Polarization	Linear/Vertical	
FBR (Front to back ratio)	25.8	dB
Horizontal/ Vertical	28	dB
Impedance	50	Ohms
Substrate Material	Taconic RF35 • .060 thickness • 2 ounce copper • Er = 3.5	
HPBW	TBD • *Horizontal* • *Vertical*	degrees
Power Handling (CW)	TBD	Watts
Temperature	-40 to 85	Degree Celsius
Connector	SMA Female	

6671 W. Indiantown Rd, Ste. 56243, Jupiter, FL 33458
Fax: (561) 575-5898

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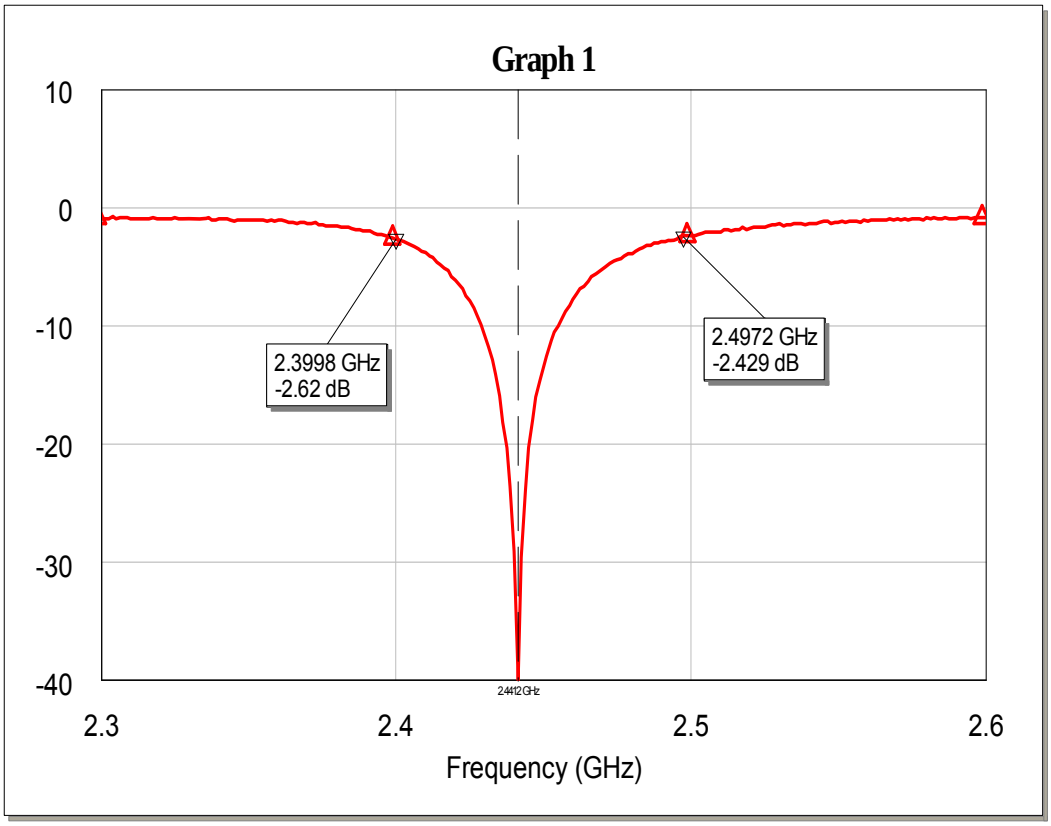
Measured Data



Return Loss Vs. Frequency

Delivery

Stock to 3 weeks ARO

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