Product Specs Summarize

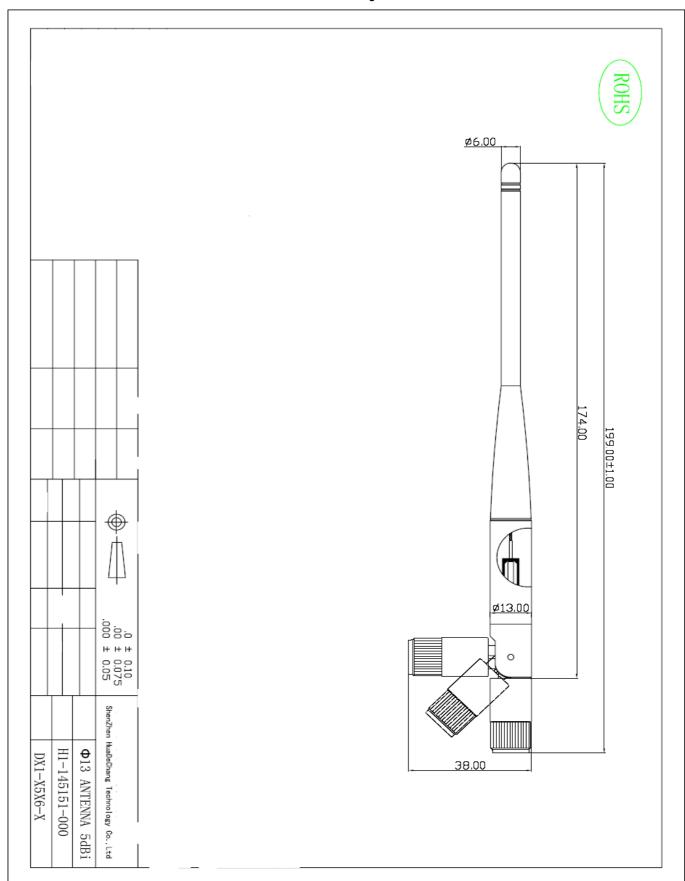
Electrical Performance:

- Frepuency Range: 2.4~2.5 GHz
 Lmpedance: 50 Ohms nominal
- 3. VSWR: 1.92dB
- 4. Gain: 5dBi
- 5. Admitted power radiation: 1W6. Radation of Radiation: Toroidal
- 7. Radiation: Omni8. Polarization: Vertical
- 9. Connctor Type:SMA Fair Head Female Pin

Mechanical properties:

- 1. Cable: RG-178, 50 Ohm
- 2. Operation temperature range: -20 ~ +70
 3. Storage temperature range: -30 ~ +80
- 4. Color: Black

Product Drawing



Hua De Chang ELECTRONIC CO.,LTD

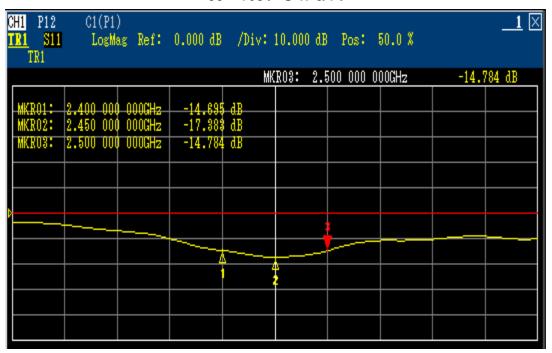
Network Analyst Test Pattern

Material Num: H1-145151-000

Product Apellation: 13ANTENNA 2.4G 5dBi SMA

Test Value: Retrun Loss

90° Test Chart



180° Text Chart



P/N: H1-145151-000 edition: A0 Dat 12/18/2009 Page 6/74

Hua De Chang ELECTRONIC CO.,LTD

Network Analyst Test Pattern

Material Num: H1-145151-000

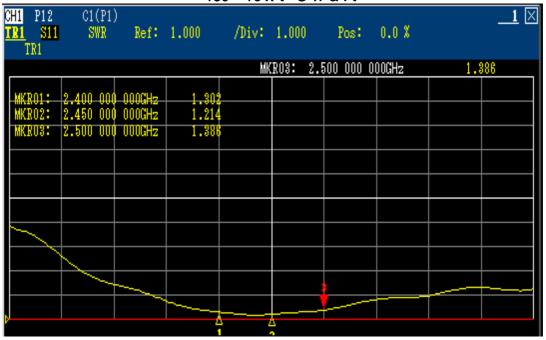
Product Apellation: 13ANTENNA 2.4G 5dBi SMA

Test Value: VSWR

90° Test Chart



180°Text Chart



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FRE

FULL RISE ELECTRONIC CO., LTD. No. 26, Kao Ching Road, Yang Mei, Taoyuan, Taiwan, R.O.C. Tel: 886-3-4643715 Fax: 886-3-4642460 www.fre.com.tw

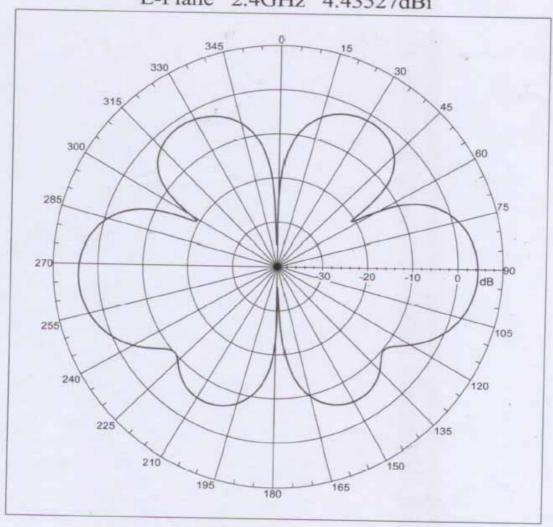
TEST REPORT

Description: 2.4~2.5GHz Antenna 5dBi

Test Item & Result :

(3) Gain & Pattern:

E-Plane 2.4GHz 4.43527dBi



Note: i) The value recorded is responsible to the sample only.

ii) Any correction of the value above is invalid.

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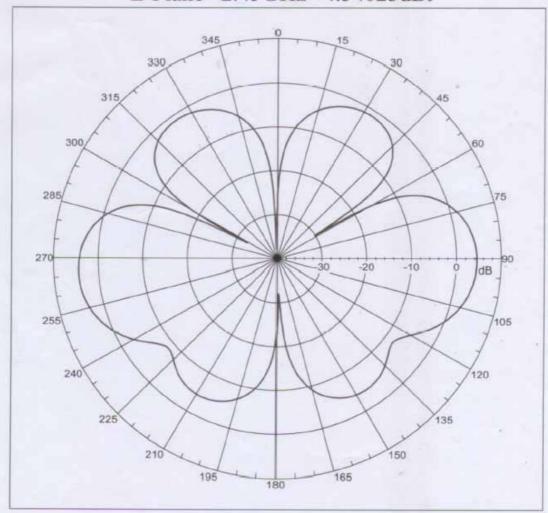
Tel: 886-3-4643715 Fax: 886-3-4642460 www.fre.com.tw

TEST REPORT

Description: 2.4~2.5GHz Antenna 5dBi

Test Item & Result:

E-Plane 2.45GHz 4.54025dBi



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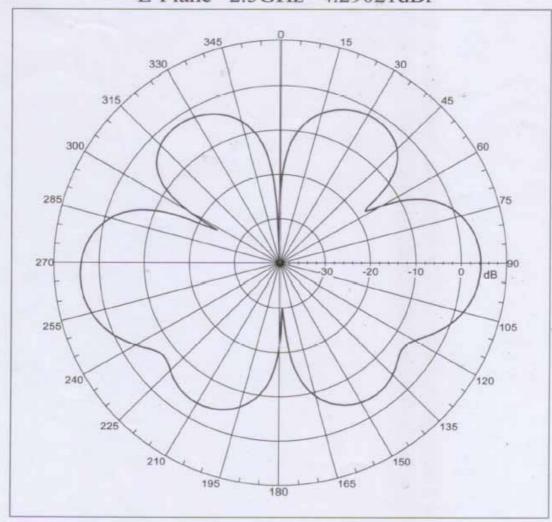
FULL RISE ELECTRONIC CO., LTD. No. 26, Kao Ching Road, Yang Mei, Taoyuan, Taiwan, R.O.C. Tel: 886-3-4643715 Fax: 886-3-4642460 www.fre.com.tw

TEST REPORT

Description: 2.4-2.5GHz Antenna 5dBi

Test Item & Result:

E-Plane 2.5GHz 4.29021dBi



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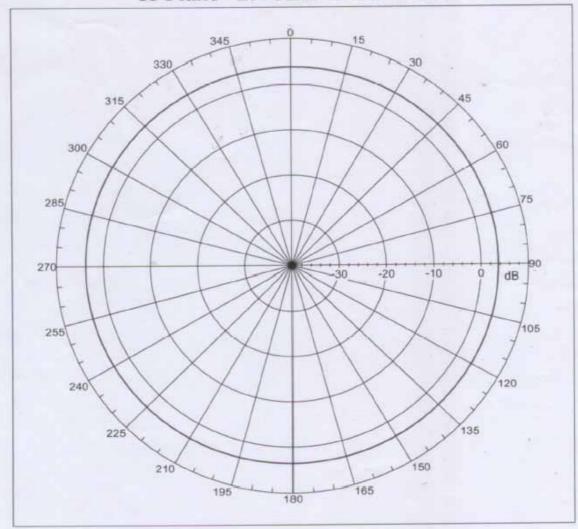
No. 26, Kao Ching Road, Yang Mei, Taoyuan, Taiwan, R.O.C. Tel: 886-3-4643715 Fax: 886-3-4642460 www.fre.com.tw

TEST REPORT

Description: 2.4~2.5GHz Antenna 5dBi

Test Item & Result:

H-Plane 2.4GHz 3.89885dBi



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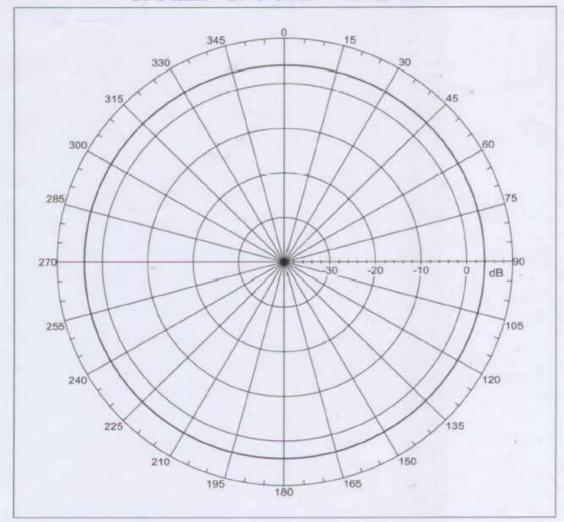
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TEST REPORT

Description: 2.4~2.5GHz Antenna 5dBi

Test Item & Result:

H-Plane 2.45GHz 4.04368dBi



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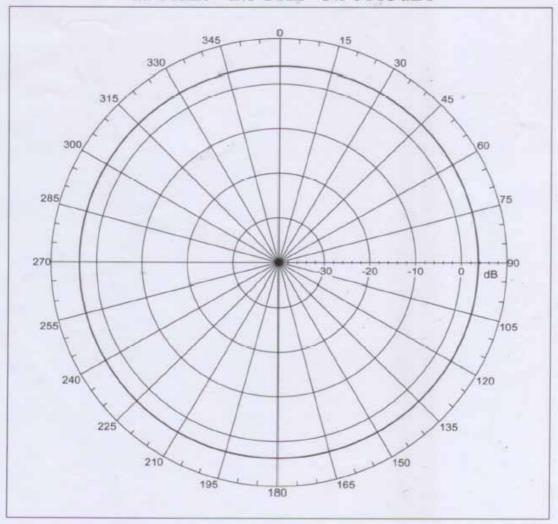
Tel: 886-3-4643715 Fax: 886-3-4642460 www.fre.com.tw

TEST REPORT

Description: 2.4~2.5GHz Antenna 5dBi

Test Item & Result:

H-Plane 2.5GHz 3.90103dBi



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