

Specification for 2.45 GHz Inverted-F Antenna



1-Product description

This Inverted-F antenna (IFA) is specially designed for 2.4GHz wireless application. The structure of IFA provide a small physical footprint and high reliability. The IFA has good S-parameter with a ideal omnidirectional radiation pattern, which could be easily apply to various wireless application.

2-Antenna information and performance parameter

- Manufacturer : **ZHONG KE DA OF BOLUO COUNTRY OF ELECTRONIC CO LTD**
- Frequency: 2.4-2.51 GHz
- VSWR<2
- Gain: -4.2 dBi
- Input impedance: 50Ω

- Radiation Pattern: Omnidirectional

3-Dimension

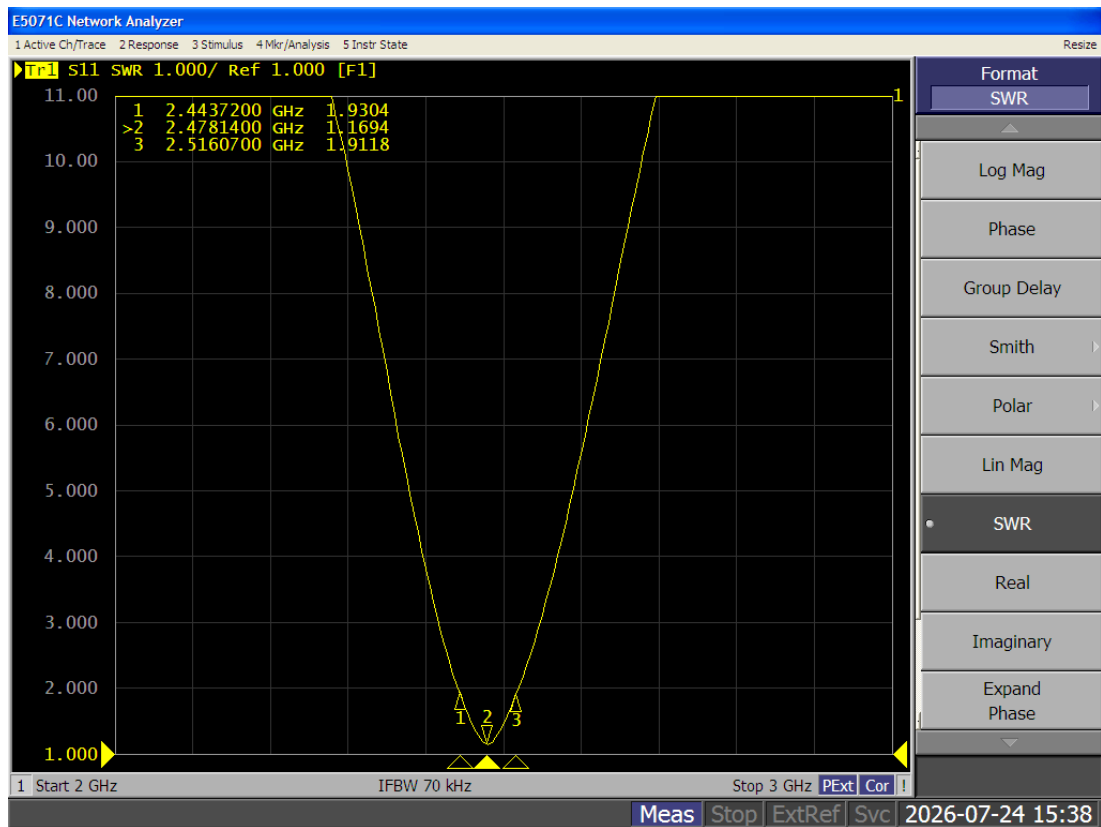
Overall size: 2.8*8.5mm



4-VSWR and S11 Respond

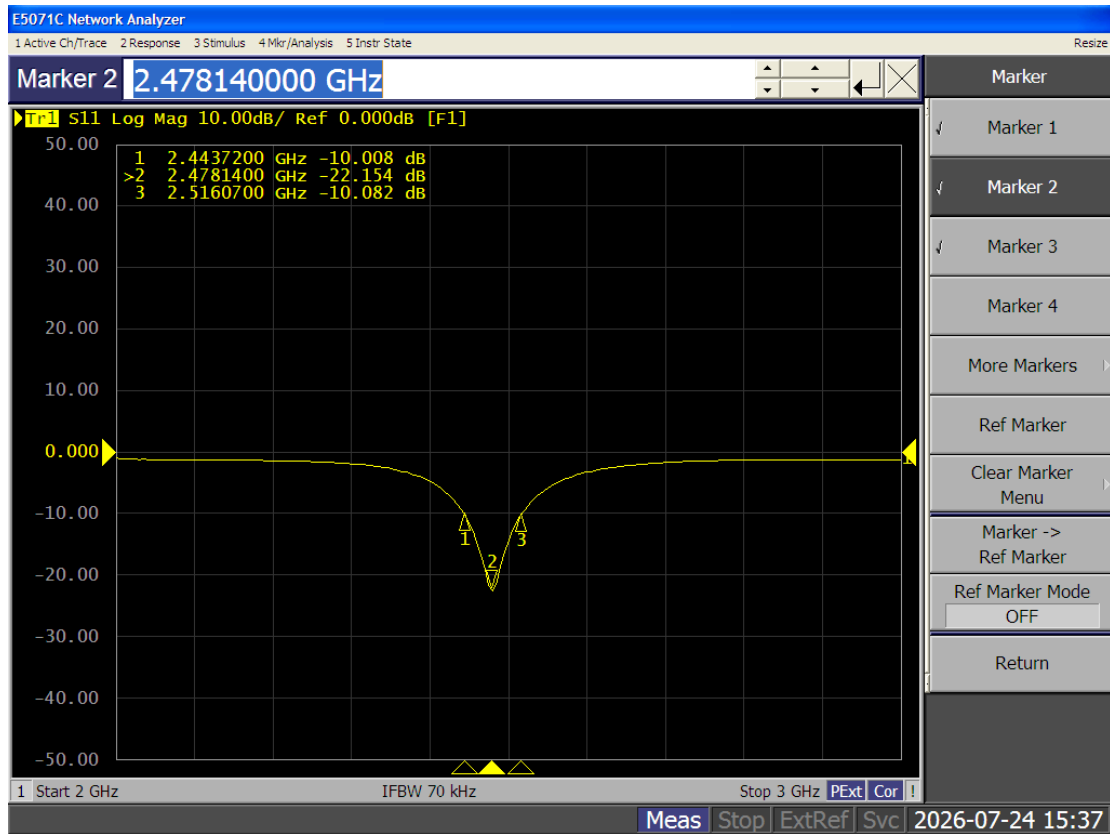
Frequency: 2.4-2.51 GHz

VSWR: Below 2



Frequency: 2.4-2.51 GHz

S11:-10 dB ~ -22 dB



5-Radiation Pattern

Max Gain: -4.2 dBi

