

Firelinx Sheet Metal Antenna Specification

P/N: 07-110076 (custom)

Mfr: Tower Six

Features:

- Designed to mount on Firelinx modular radio
- Two pin thru-hole mounting configuration
- Inverted “F” design

Gain (Max): 2.9dBi

Polarization: Mixed

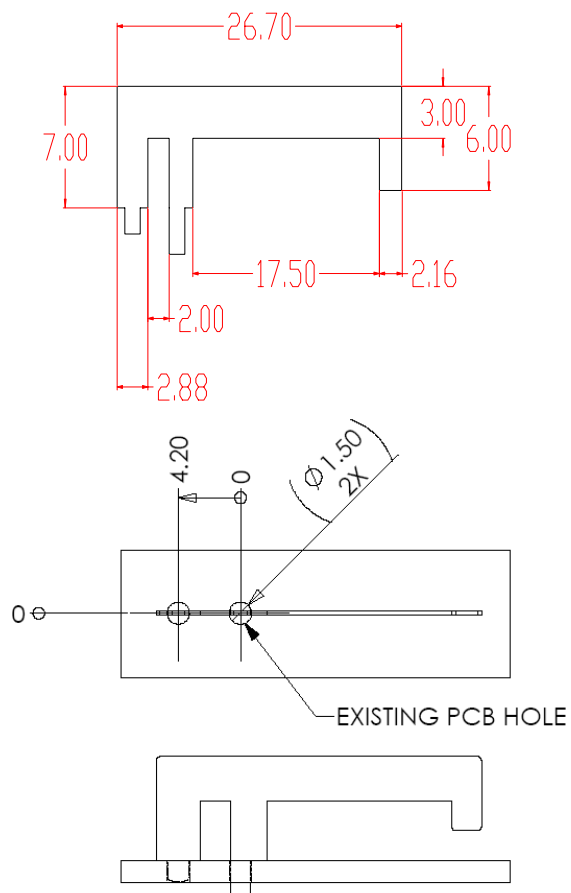
Beam Width: non-directional

Impedance: 50 Ohm

Frequency: 2.4 – 2.5 GHz

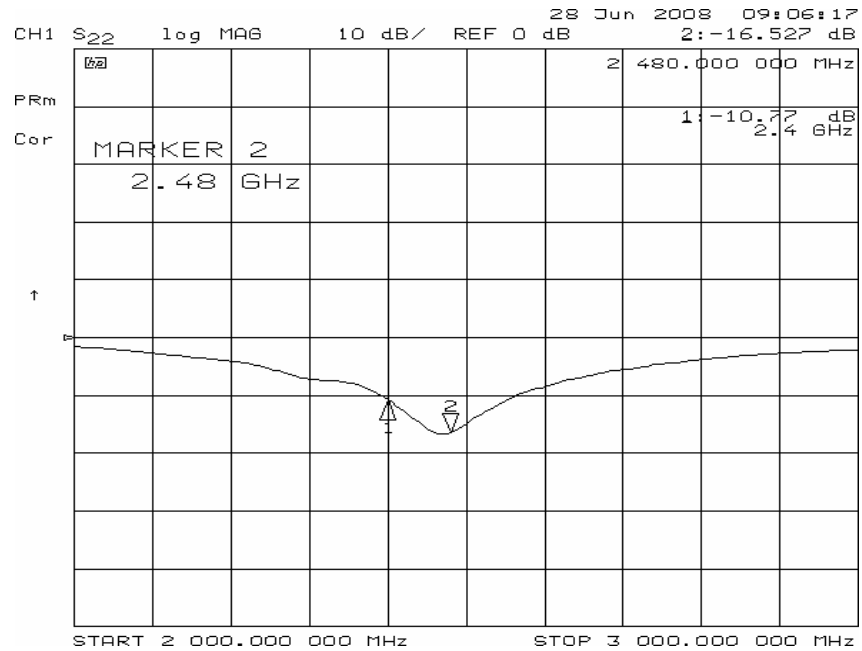
Material: Tin-plated sheet metal (brass or steel)

Dimensions and Footprint:



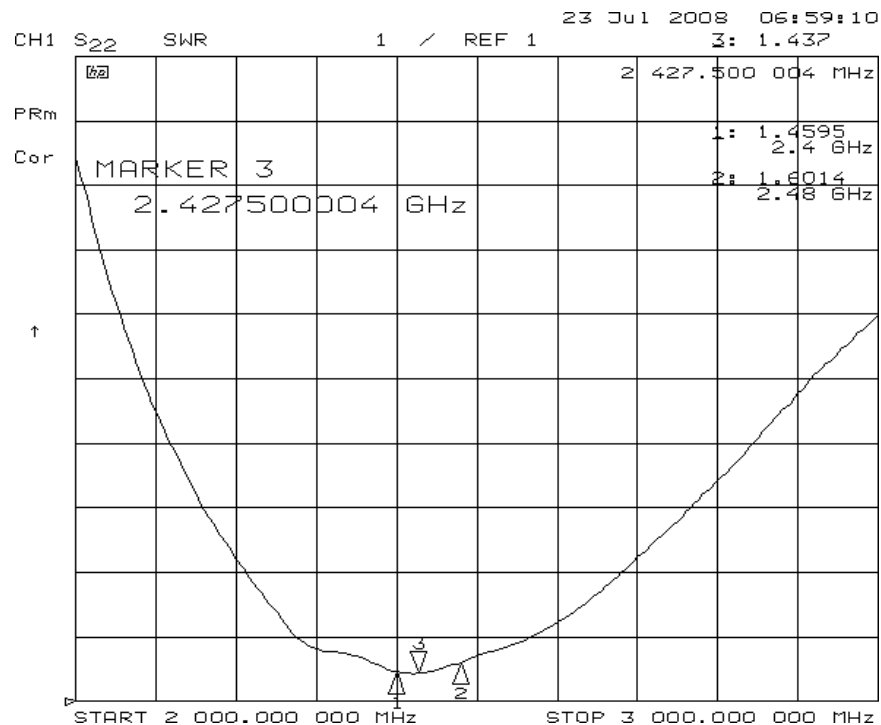
Return Loss of Sheet Metal Antenna Prototype

- Frequency sweep from 2.0 to 3.0 GHz. Markers identify 2.4 GHz ISM band.
- FireLinX module installed on main PCB and installed in housing.

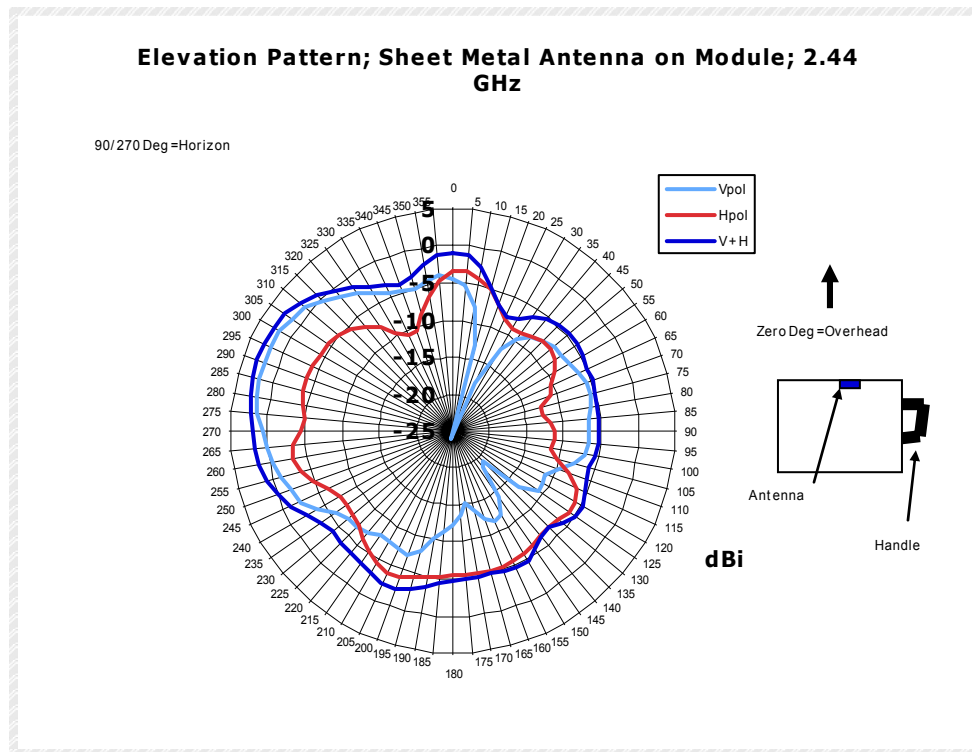


VSWR

- Same data as previous plot but in VSWR format.



Peak Antenna Gain: 2.88 dBi



Mounting/Photos

