

2.3-2.7 GHz Wide Band Directional 13dBi Panel Antenna

APPLICATIONS AND FEATURES

Applications:

- 2.3-2.7 GHz ISM Band
- IEEE 802.11b/g/n and IEEE 802.20 Wireless LAN
- Directional and multipoint applications
- 2.6GHz MMDS Band
- Public Wireless Hotspot
- WiMAX & WiMAX Technology
- Wireless Video Systems

Features :

- Superior performance
- Light weight
- All weather operation
- DC Short lightning protection
- Installed for vertical
- Includes tilt and swivel mast mount

SPECIFICATIONS:

Electrical Specifications

Frequency Range	2300 – 2700 MHz
V.S.W.R	1.5
Return Loss	-12db
Antenna Type	PCB patch array
Gain	13dBi
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	35 °
Horizontal Beam-with	42 °
Impedance	50Ω
Connector	N-Female

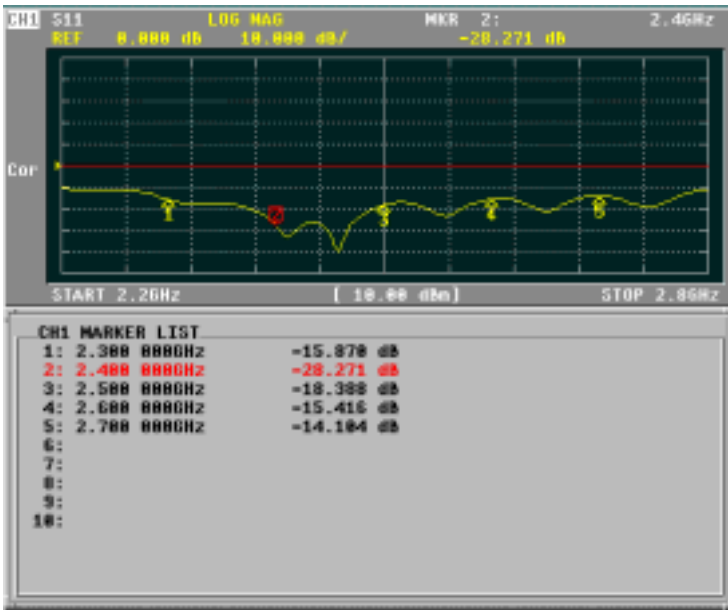
Mechanical Specifications

Length * Width	155*175mm
Diameter	30mm
Weight	350g
Wind Survival	> 120 MPH
Radome Material	UV-inhibited Polymer
Clamp /Mounting	U-bolt / 32-45mm
Operating Temperature	- 40 to + 80
RoHS Compliant	Yes

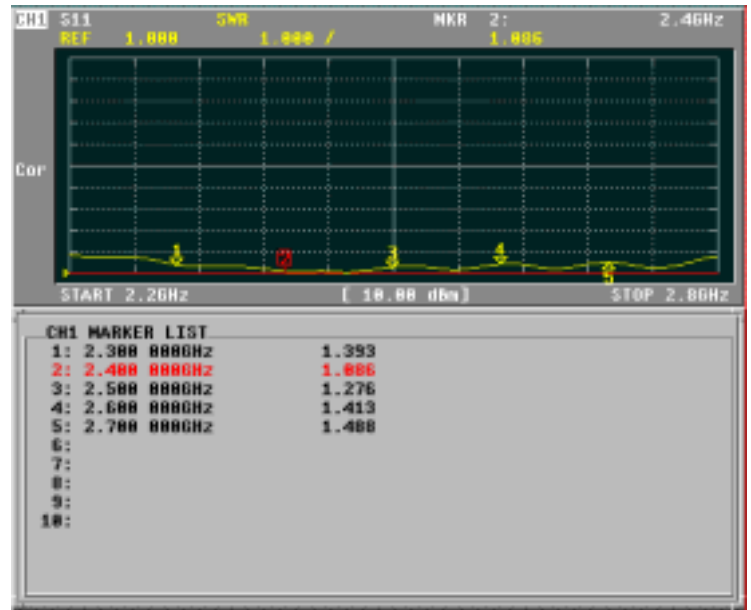


FT-RF produces specialty Panel antenna , Suits 2.3-2.7GHz the frequency band use ; For WiMAX (2.3~2.4GHz & 2.5~2.7GHz) and WiFi (2.4~2.5GHz) , In the equipment has contains the through metal , Convenience erecting use 32-45mm bamboo pole ; 32-45mm bamboo pole , Also may ; Direct lock on wall , The convenient user installs , Outside the antenna all uses can resist the environment material quality , FT-RF is the specialized antenna design/research and development/manufacturer , Each item of antenna all guarantees the solid year , Welcome the group which matches FT-RF to produce to install wiring the material , Welcome the group which matches FT-RF to produce to install wiring the material.

Return loss & V.S.W.R

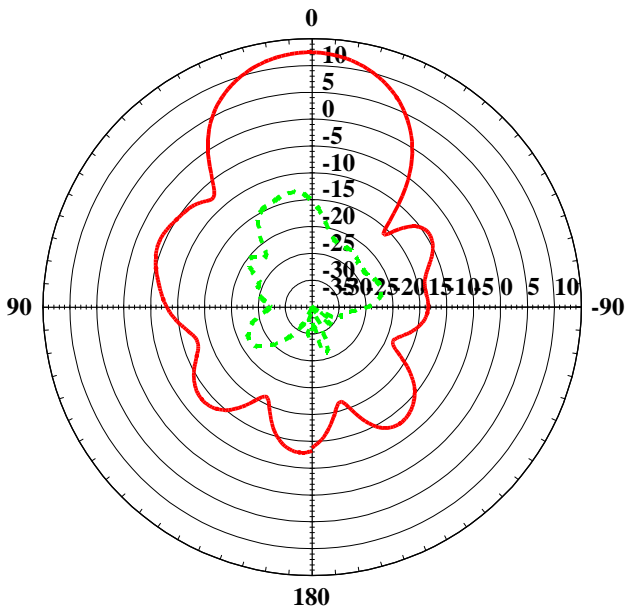


Return loss



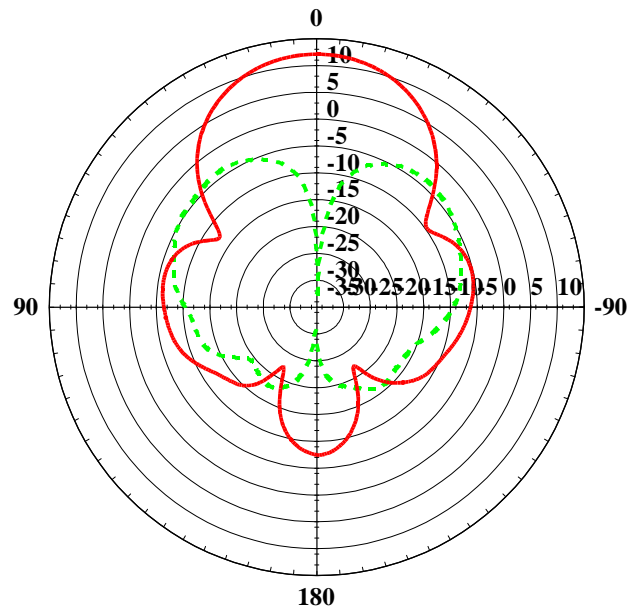
V.S.W.R

Antenna Vertical & Horizontal Pattern



Vertical

E-plane co-pol ----- 3-dB beam-with=35°



Horizontal

H-plane co-pol ----- 3-dB beam-with=42°