



WIFI-LINK TECHNOLOGIES (UK) LTD

2.4GHz GRID Antenna 15 dBi WLG-2450-15

APPLICATIONS AND FEATURES

Applications:

- 2.4GHz-2.5GHz 15dbi ISM Band
- IEEE 802.11b, 802.11g, 802.11n Wireless LAN
- Directional and multipoint applications
- Wi-Fi systems
- Wireless Video Systems

Features :

- Superior Performance
- The Weight is light
- All weather operation
- Optional Mounting Kits available
- Durable UV-stable .UL flame rated radome
- Low loss solid brass elements
- Heavy Duty mounting
- RoHS Compliant



SPECIFICATIONS:

Electrical Specifications

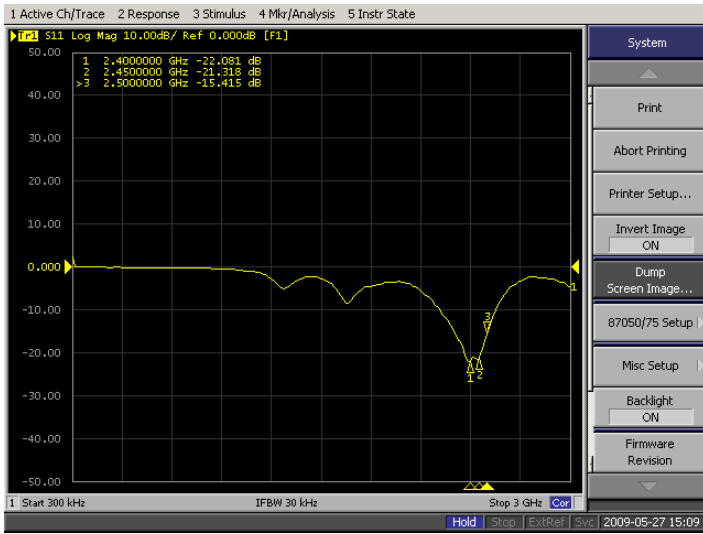
Frequency Range	2400 - 2500MHz
V.S.W.R	$\leq 1.5:1$
Return Loss	$\geq -14\text{db}$
Gain	15dBi
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	21°
Horizontal Beam-with	16°
Impedance	50 Ω
Connector	N-Female

Mechanical Specifications

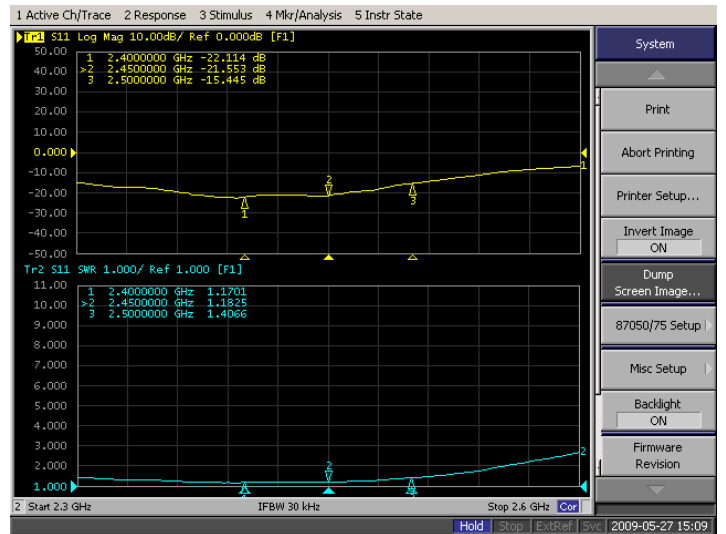
Length	300x 400mm
Weight	1650g
Wind Survival	> 150 MPH
Operating Temperature	-40°C to +80°C
Clamps	U-bolt
Mounting	86-126mm
RoHS Compliant	Yes

TESTING REPORT

Return Loss



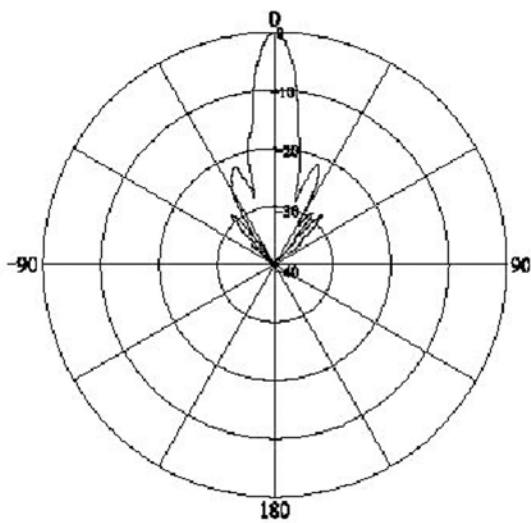
V.S.W.R



Antenna Vertical & Horizontal Pattern

Vertical

V-Line



Horizontal

H-Line

