



WIFI-LINK TECHNOLOGIES (UK) LTD

5.5GHz GRID Antenna 27 dBi WLG-5500-27

APPLICATIONS AND FEATURES

Applications:

- 5.5GHz-5.7GHz 27dBi ISM Band
- IEEE 802.11a Application
- Public Wireless Hotspot
- Wi-Fi
- 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

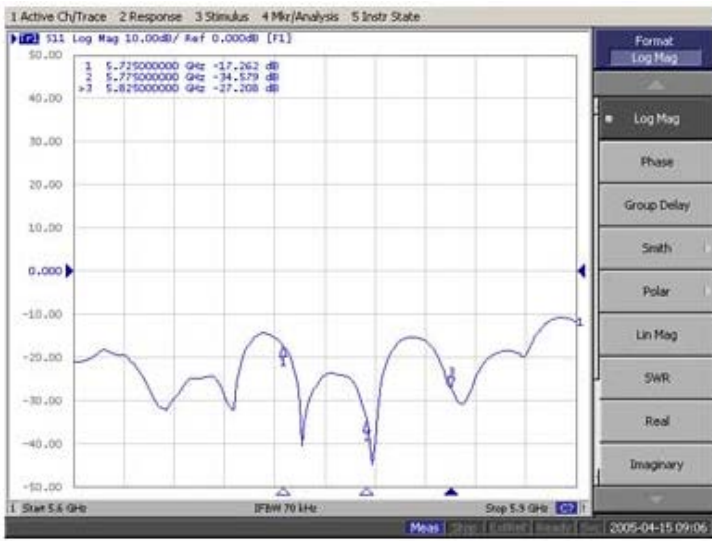
Frequency Range	5470 - 5725MHz
V.S.W.R	$\leq 1.5:1$
Return Loss	$\geq -14\text{db}$
Gain	27dBi
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	6°
Horizontal Beam-with	9°
Impedance	50Ω
Connector	N-Female

Mechanical Specifications

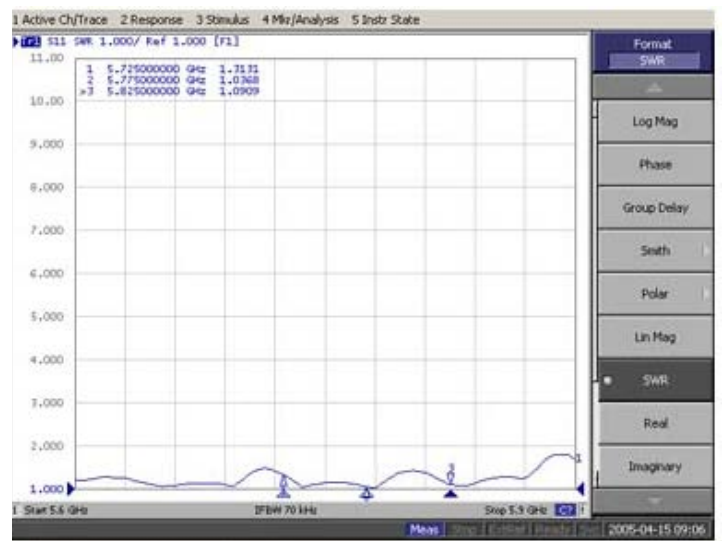
Dimension	415x 635mm
Weight	2500g
Wind Survival	> 150 MPH
Clamps	U-bolt
Mounting	86-126mm
Operating Temperature	-40°C to +80°C

TESTING REPORT

Return Loss



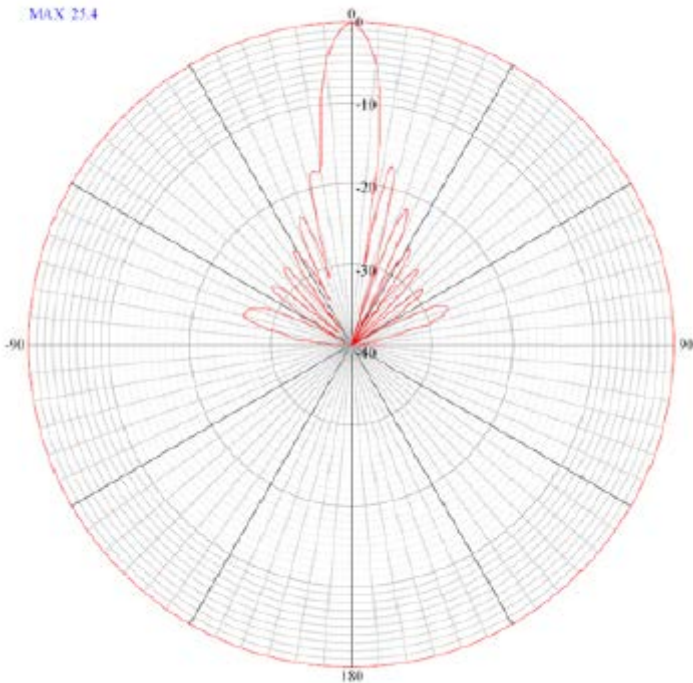
V.S.W.R



Antenna Vertical & Horizontal Pattern

Vertical

Co-Pol - 90 deg Cut



Horizontal

Co-Pol - 0 deg Cut

