

## 5.125–6.1 GHz Triple Polarizations MIMO Subscriber Antenna AP40-050-MIMO-19



### Specifications:

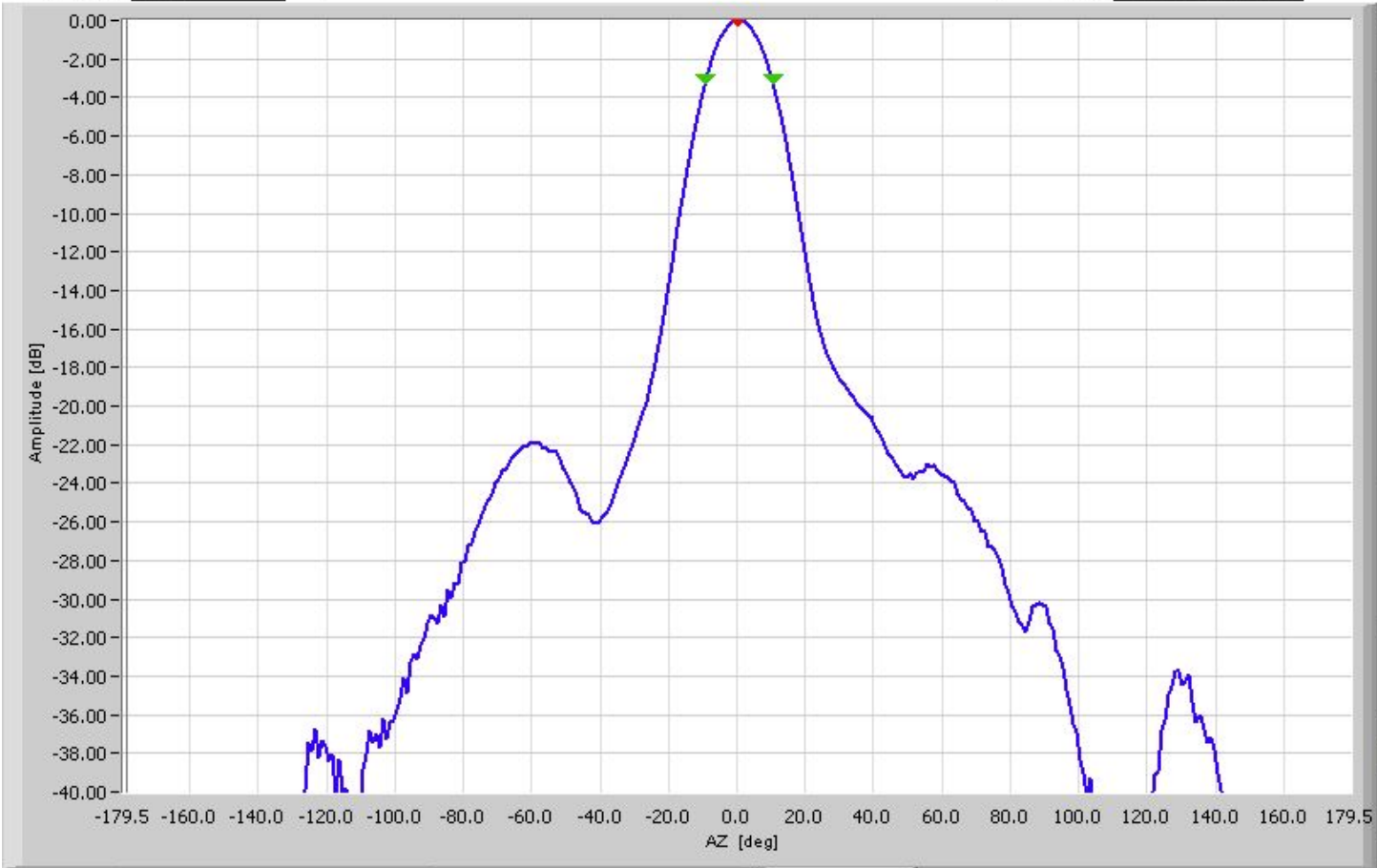
<b>Electrical</b>	
Frequency range	5.125 - 6.1 GHz
GAIN : Vertical Pol.	19 dBi
Dual Slant Pol	17.5 dBi
VSWR, max.	1.7 : 1
Polarization	Dual Slant $\pm 45^\circ$ and Vertical
3 dB Beam-Width-Azimuth, typ.	Dual Slant : $20^\circ$ ; V- Pol $22^\circ$
3 dB Beam-Width-Elevation, typ.	Dual Slant : $19^\circ$ ; V- Pol $14^\circ$
Side Lobes, min.	-12 dB
Front to Back Ratio, min.	-35 dB
Input power, max	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
<b>Mechanical</b>	
Dimensions (HxWxD)	305 x 305 x 15 mm
Connector	3 x N-Type
Weight	1.5 Kg
Mounting	MNT-22
Radome	UV Protected Polycarbonate
Back Plane	Aluminum protected through chemical passivation.
<b>Environmental</b>	
Operating Temperature Range	- 55°C to + 65°C
Vibration	According to IEC 60721-3-4
Wind Load	200 Km/h (Survival)
Flammability	UL94
Water Proofing	IP-67
Humidity	ETS 300 019-1-4,EN 302 085 (Annex A.1.1)
Salt Fog	According to IEC 68-2-11

Specifications subject to change without notice

Operator: FIRETIDE

# AP40-050-MIMO-19 E-plane Dual Slant

Date: 17/02/2009 14:23



Operator: FIRETIDE

# AP40-050-MIMO-19 H-plane Vertical pol.

Date 02/03/2009 16:21

