

**APPLICATIONS AND FEATURES****Applications:**

- 5.1~ 5.9 GHz Applications
 - 5.8 GHz UNII/ISM Band Application
 - IEEE 802.11a
 - Directional and multipoint applications
 - Wi-Max, CDMA,
 - Public Wireless Hotspot
 - Wireless LAN systems
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- Superior performance
 - Light weight
 - All weather operation
 - DC Short lightning protection
 - Installed for vertical
 - Includes tilt and swivel mast mount
 - Frequency Ultra-wide

SPECIFICATIONS:**Electrical Specifications**

Frequency Range	5100 – 5900 MHz
V.S.W.R	1.5
Return Loss	-12db
Gain	15dBi
Polarization	Vertical
Maximum Power	50W
Vertical Beam-with	16 °
Horizontal Beam-with	120 °
Impedance	50Ω
Connector	N-Female

Mechanical Specifications

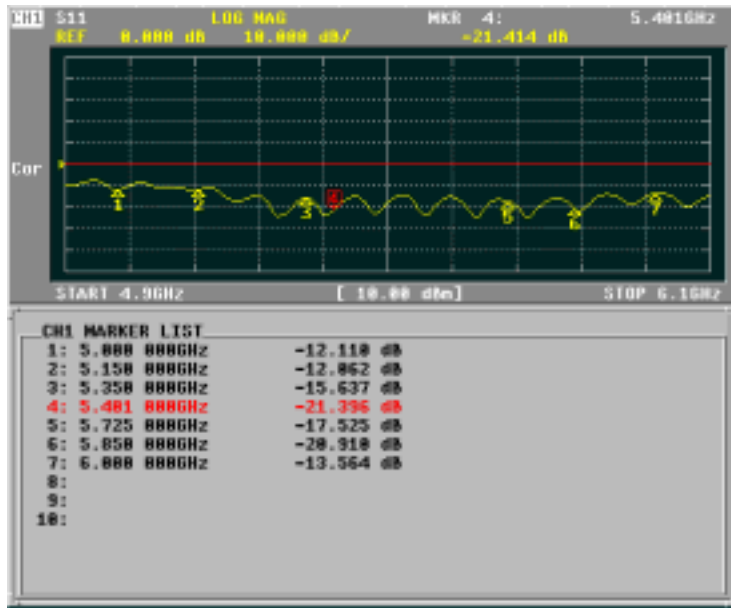
Length	620mm
Diameter	20mm
Weight	1500g
Wind Survival	> 150 MPH
Radome Material	Polymer & Metal
Operating Temperature	- 40 to + 80
Clamps / Mounting	U-bolt / 32 – 45mm
Down-tilt	L”Type 0-20 deg
RoHS Compliant	Yes



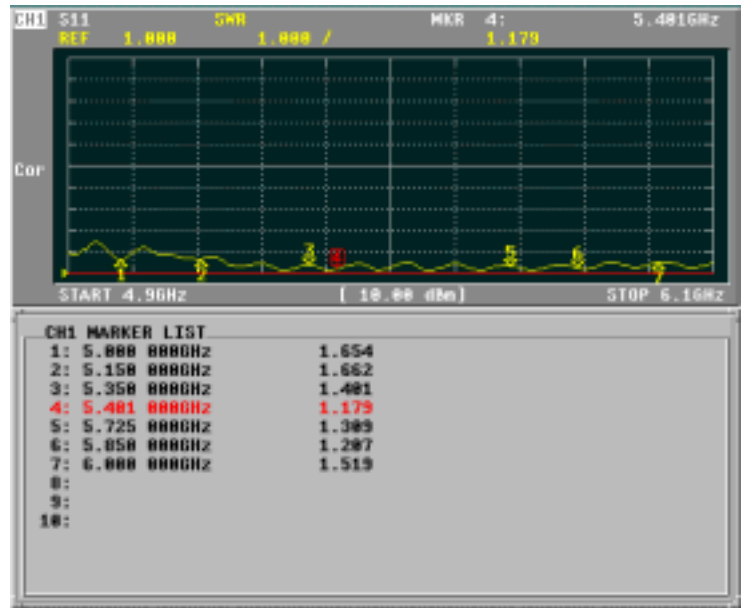
SE-515915-120 Test Report

5.1GHz-5.9GHz 120 deg Sectorized 15dBi Directional Antenna

Return loss & V.S.W.R

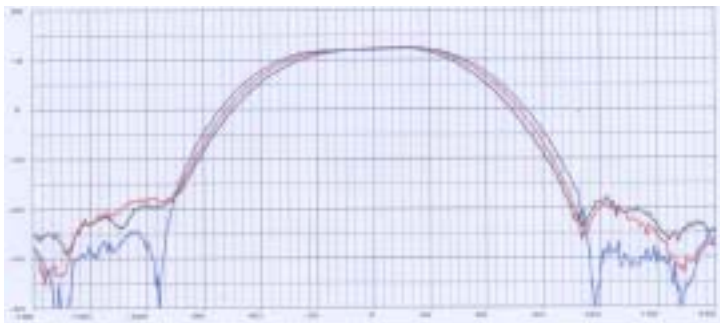


Return loss



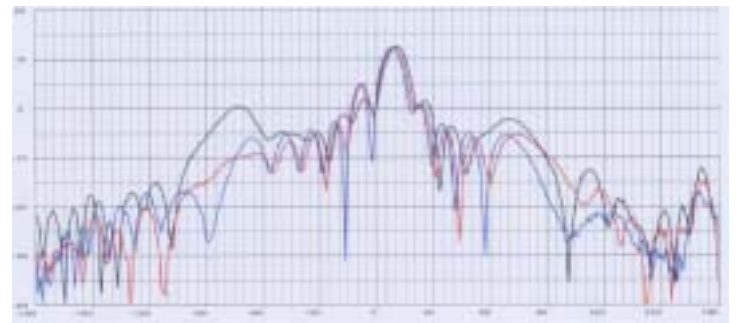
120° V.S.W.R

Antenna Vertical & Horizontal Pattern



Horizontal

H-plane co-pol ----- 3-dB beam-with=120°



Vertical

E-plane co-pol ----- 3-dB beam-with=16°

Spare Parts

Item	Product name	Amount
1	Antenna	1
2	Clip a slice fixedly	2
3	M6 U type screw	2
4	M6 screw	4
5	M6 Nut	8
6	M6 Slippery mat slice	8
7	“L” Aluminum Type support	1



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