

5.4GHz - 5.9 GHz
 18dBi Panel Antenna
 Outdoor
 Model: ANT-PDA5418

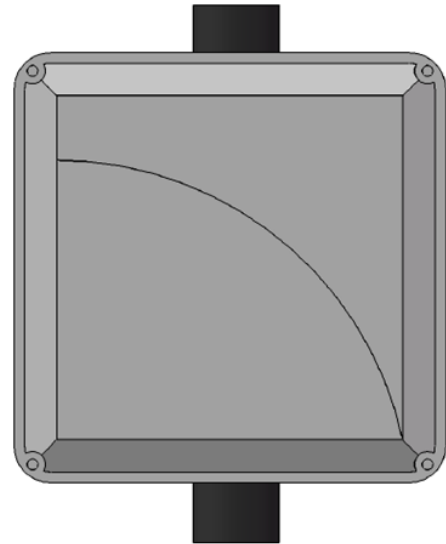
Features

- Superior performance
- 5.4 – 5.9 GHz ISM Band
- IEEE 802.11a Wireless LAN
- Light weight
- All weather operation
- DC Short lightning protection
- Includes tilt and swivel mast mount
- Frequency Ultra-wide
- Can be installed for either vertical or horizontal polarization
- RoHS Compliant



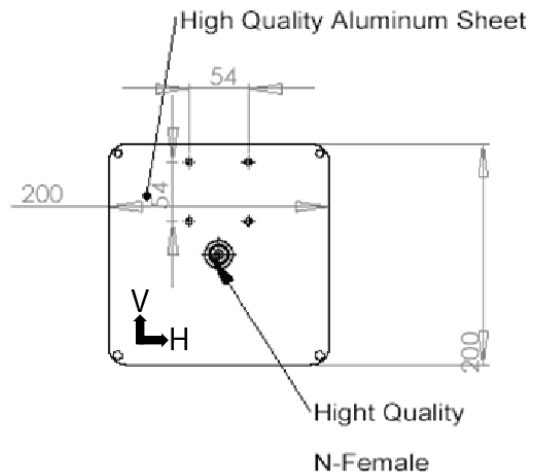
Electrical Specifications

Frequency Range	5400 – 5900 MHz
V.S.W.R	≤ 1.7
Return Loss	≥ 12db
Antenna Type	PCB patch array
Gain	18dBi
Polarization	Vertical or Horizontal
Maximum Power	50W
Vertical Beam-with	17°
Horizontal Beam-with	18°
Impedance	50 Ohm
Connector	N-Female



Mechanical Specifications

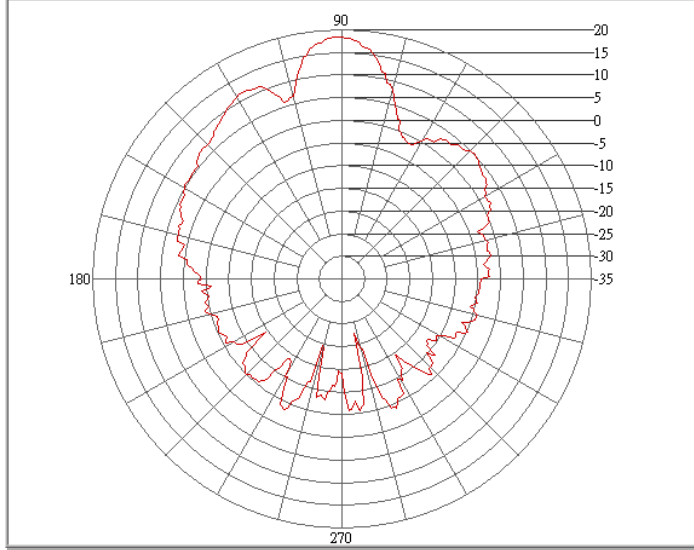
Length	202×202mm
Depth	20mm
Weight	500g
Wind Survival	>120 MPH
Radome Material	ABS + UV resistance
Operating Temperature	- 40°C to +80°C
Down-tilt	“L” Style 0-30°
Mounting / Clamps	32 – 45mm / U-bolt
RoHS Compliant	Yes



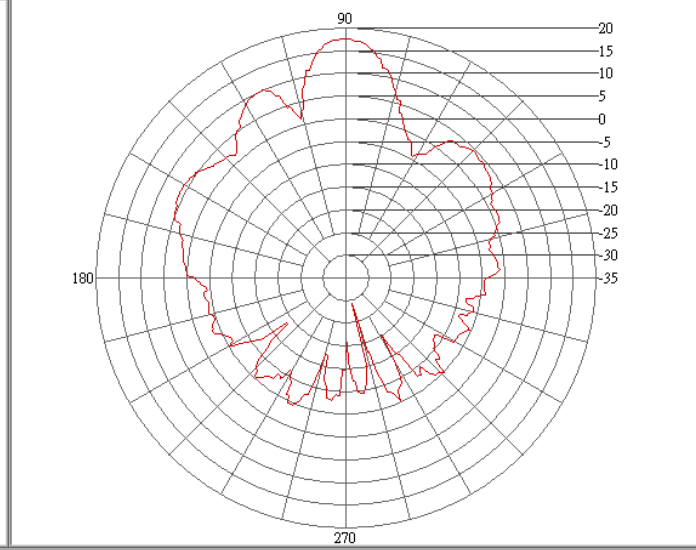
Antenna Pattern E-PLANE

Model: ANT-PDA5418

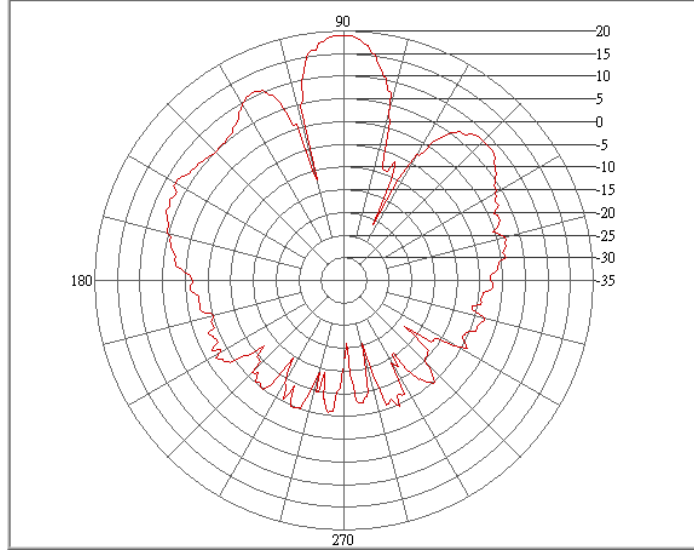
E1 5400.0MHz



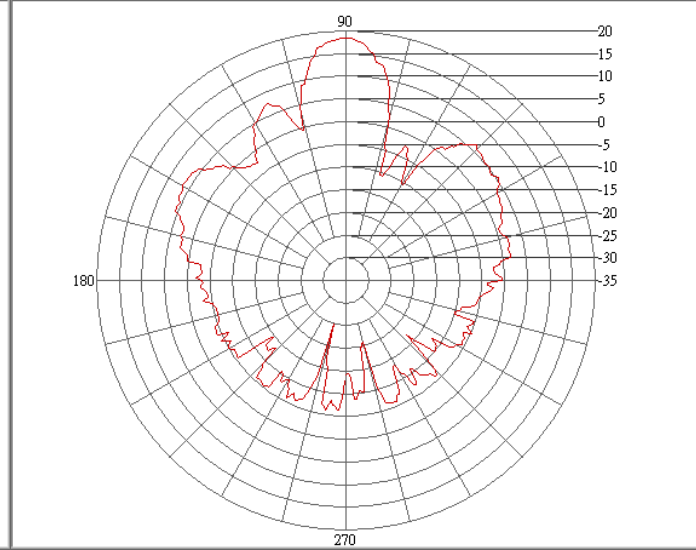
E1 5500.0MHz



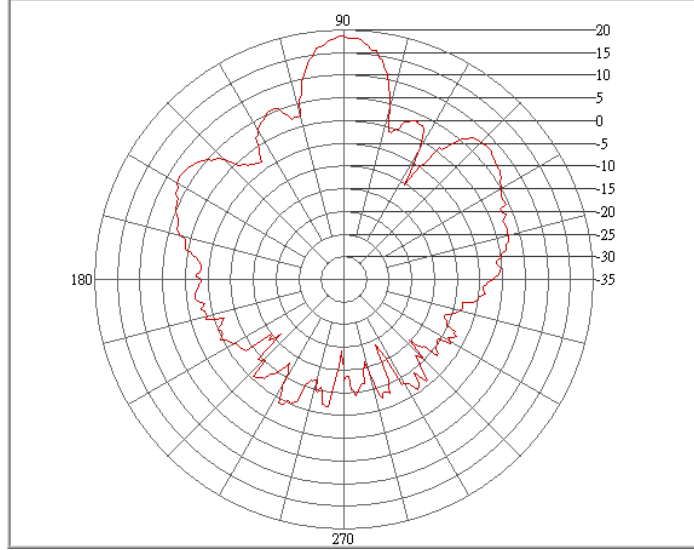
E1 5600.0MHz



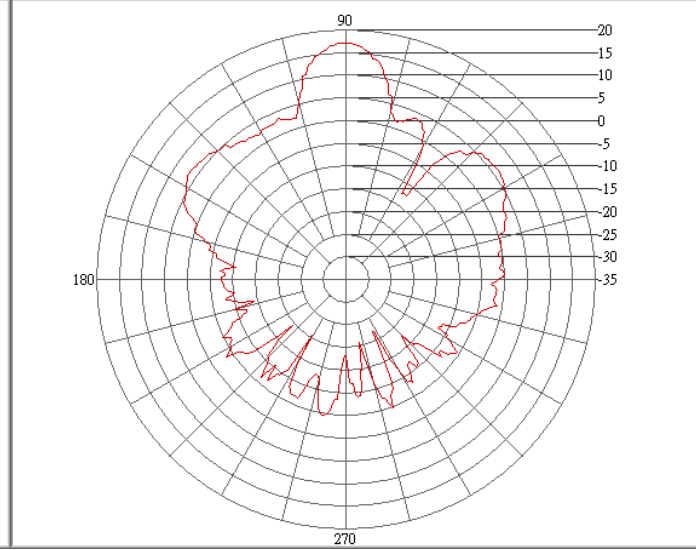
E1 5700.0MHz



E1 5800.0MHz



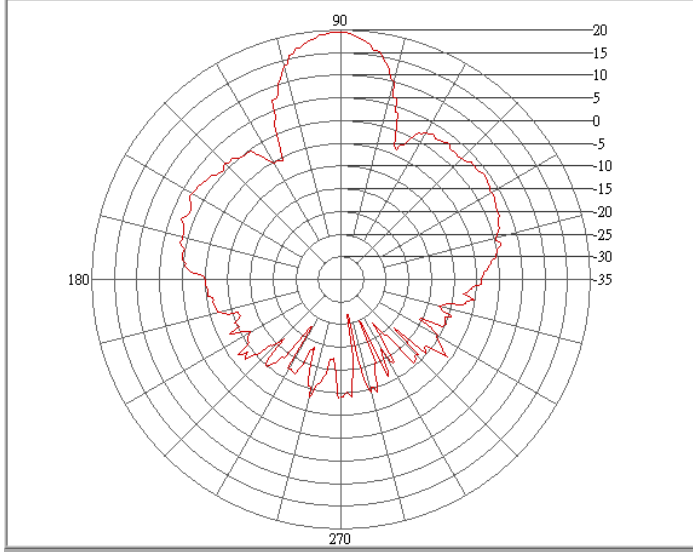
E1 5900.0MHz



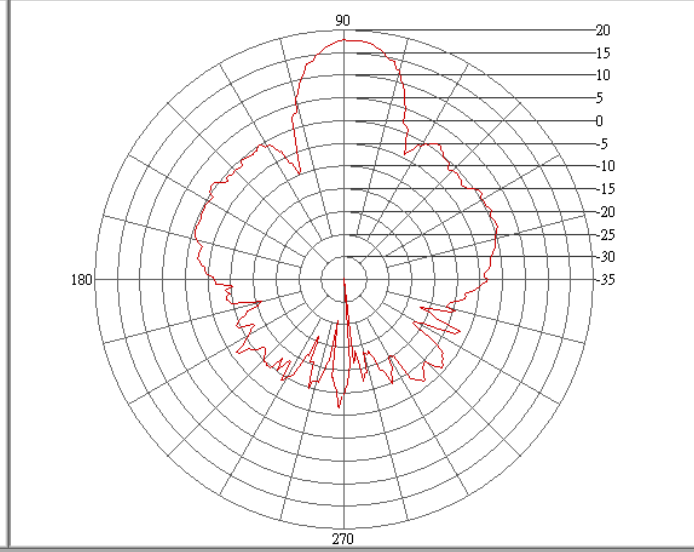
Antenna Pattern H-PLANE

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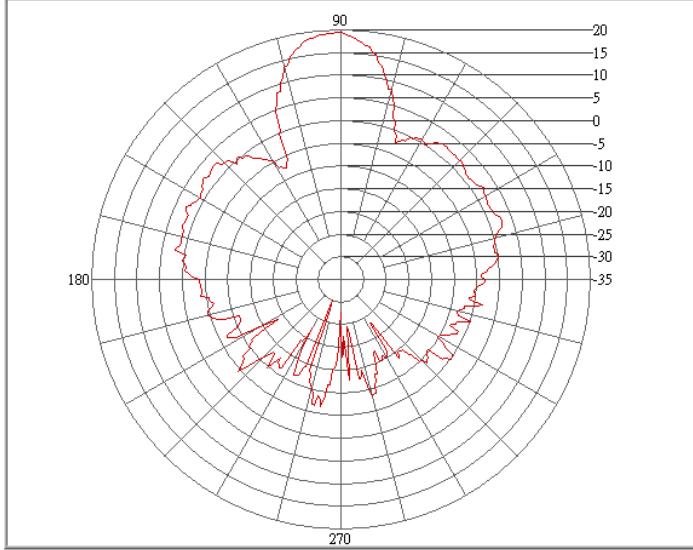
H 5400.0MHz



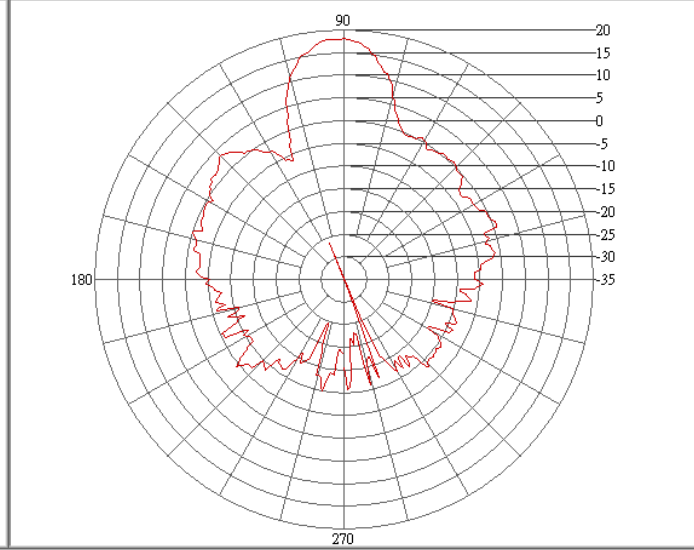
H 5500.0MHz



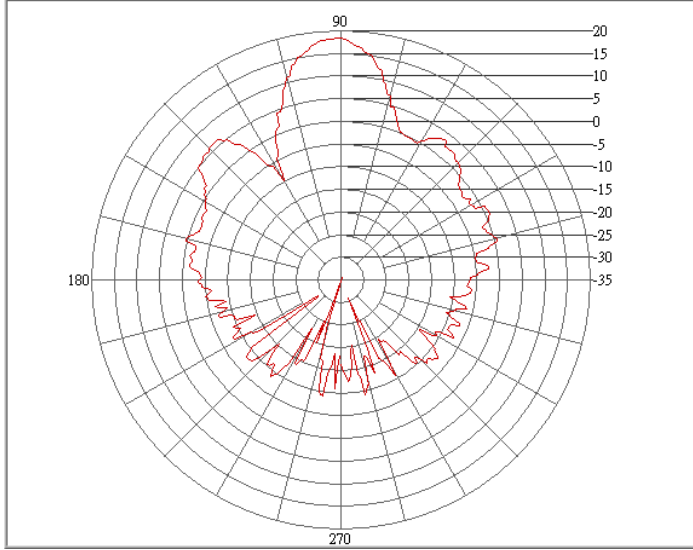
H 5600.0MHz



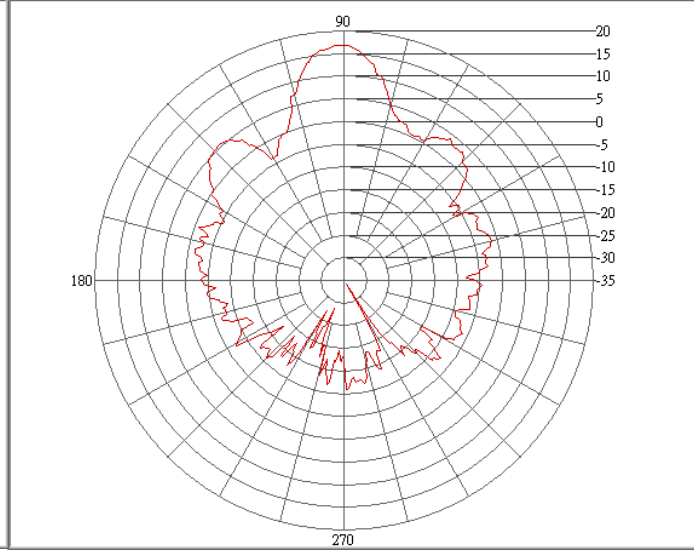
H 5700.0MHz



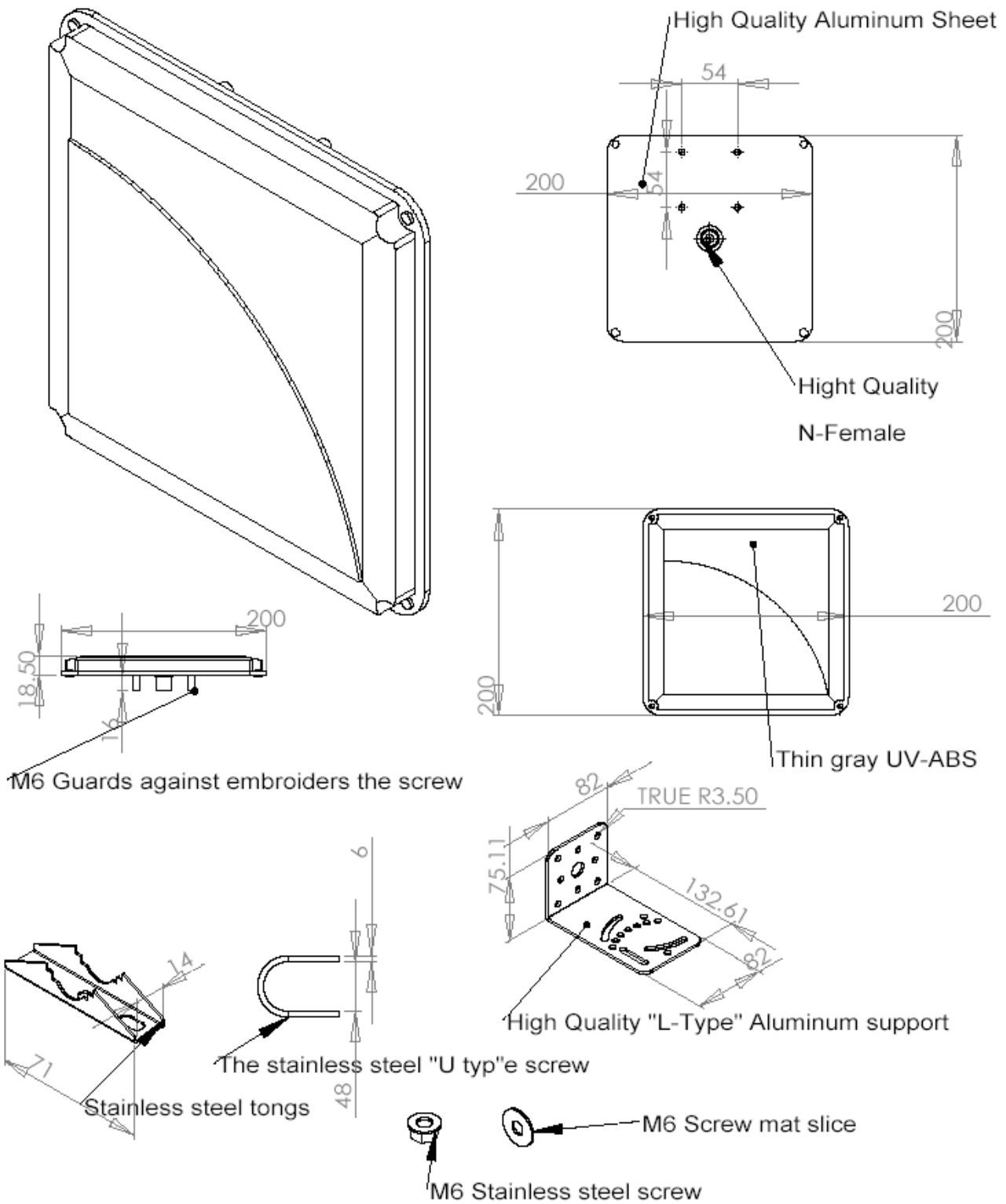
H 5800.0MHz



H 5900.0MHz



Antenna Outward Appearance Chart



Product name	Amount	Remarks
Antenna	1	ABS and Aluminum
"L" type support	1	Aluminum
Tongs	2	Stainless steel
M6 "U" type screw	2	Stainless steel
M6 screw	8	Stainless steel
M6 Screw mat slice	8	Stainless steel

Mounting Kits Installation Guide

