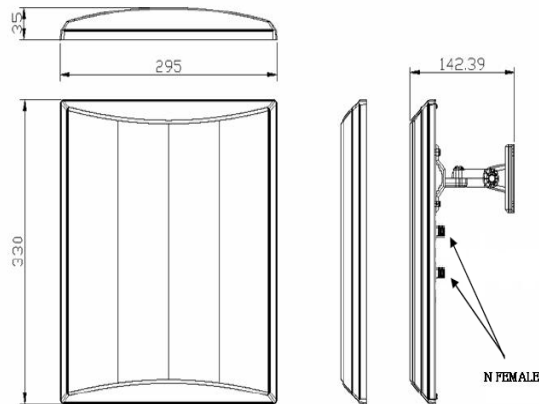


DATA SHEET

Model No. : ANT50-D1510PC
Description : 2.3-2.7GHz / 5.1-5.9 GHz
Dual Polarization Panel Antenna
Date : 2014/03/01
Rev : 1

1. OVERVIEW & SPECIFICATIONS



Electrical Specifications:

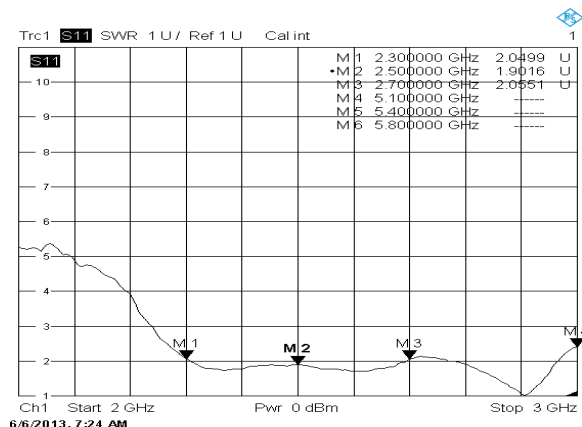
Frequency Range	2.3-2.7G/5.1-5.9 GHz
VSWR	≤ 2.0
Gain	11 / 15dBi
Impedance	50 Ω ±5 Ω
Polarization	DUAL-Polarization
Beamwidth	
2.3-2.7 Port 1(V)	38°
2.3-2.7 Port 2(H)	30°
5.1-5.8 Port 1(V)	34°
5.1-5.8 Port 2(H)	31°
Max. Power	10 Watt

Mechanical Specifications:

Connector	N Female
Cable	NA
Operation Temp.	-30°C ~ +60°C
Material-Radome	Radome: ABS
	Mount: Zinc Alloy
Dimension (L*W*H)	330*142*35±1mm
Weight	15g ± 2g
RoHS compliant	Yes

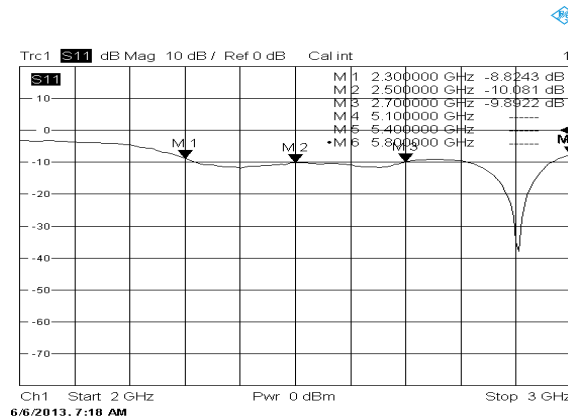
VSWR

2.3-2.7G Vertical



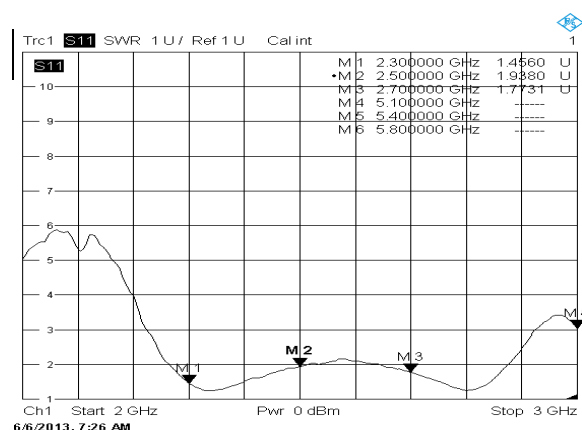
S11

2.3-2.7G Vertical



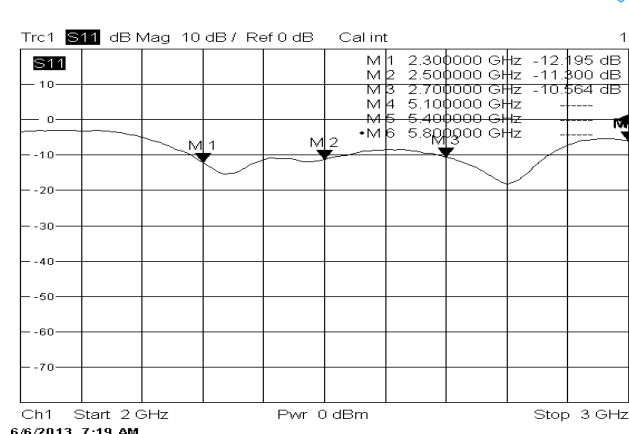
VSWR

2.3-2.7G Horizontal



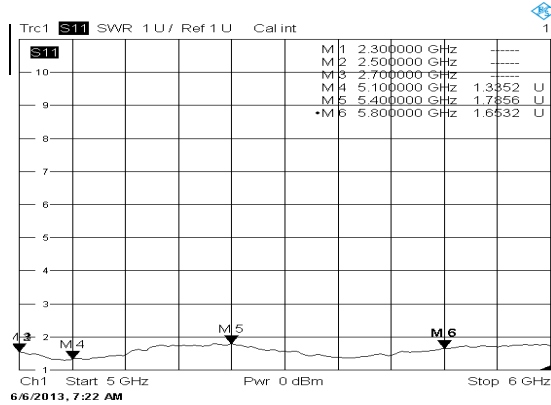
S11

2.3-2.7G Horizontal



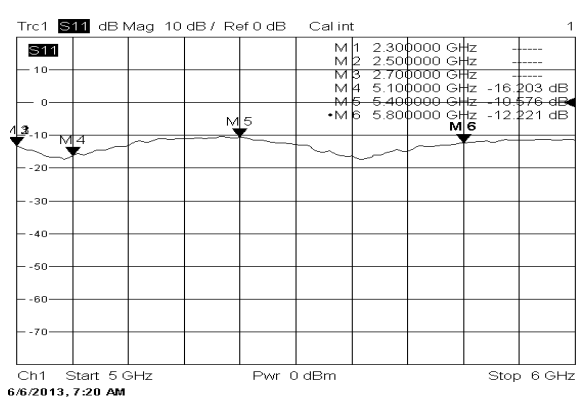
VSWR

5.1-5.8G Vertical



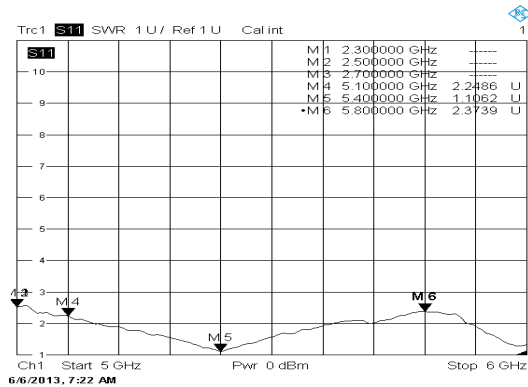
S11

5.1-5.8G Vertical



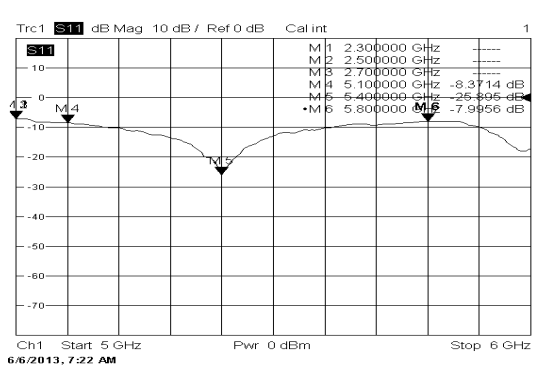
VSWR

5.1-5.8G Horizontal



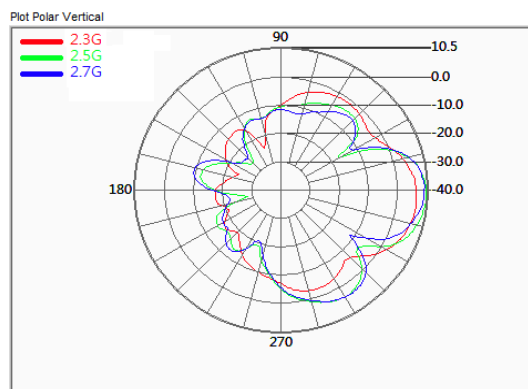
S11

5.1-5.8G Horizontal

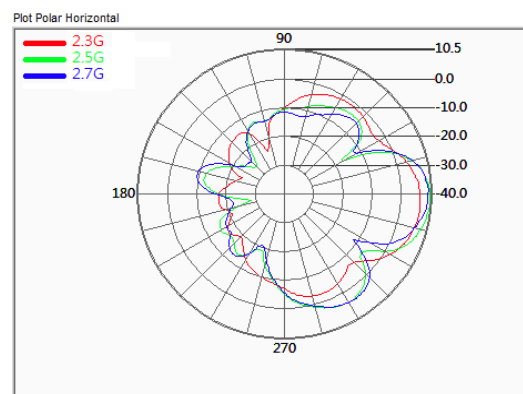


Radiation Pattern

2.3-2.7G H Plane

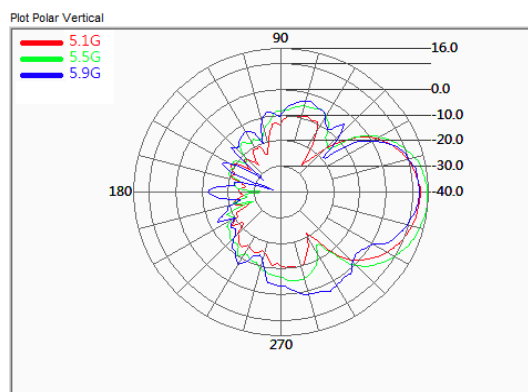


2.3-2.7G E Plane



Radiation Pattern

5.1-5.9G H Plane



5.1-5.9G E Plane

