


*Enlarge Your World with Wireless*  
**ACON Antenna**

# *Product Specification*



	<b>External Antenna</b> <b>2.45/5.2 GHz Dual Band</b>	DOC. No.:WPS05018		Rev.0	Page: 1/5
		Approved/Date		Checked/Date	Written/Date
		Kelvin.Chiou 2005/04/12		Anita.Kao 2005/04/12	Jun.Huang 2005/04/12

## ***External Antenna***

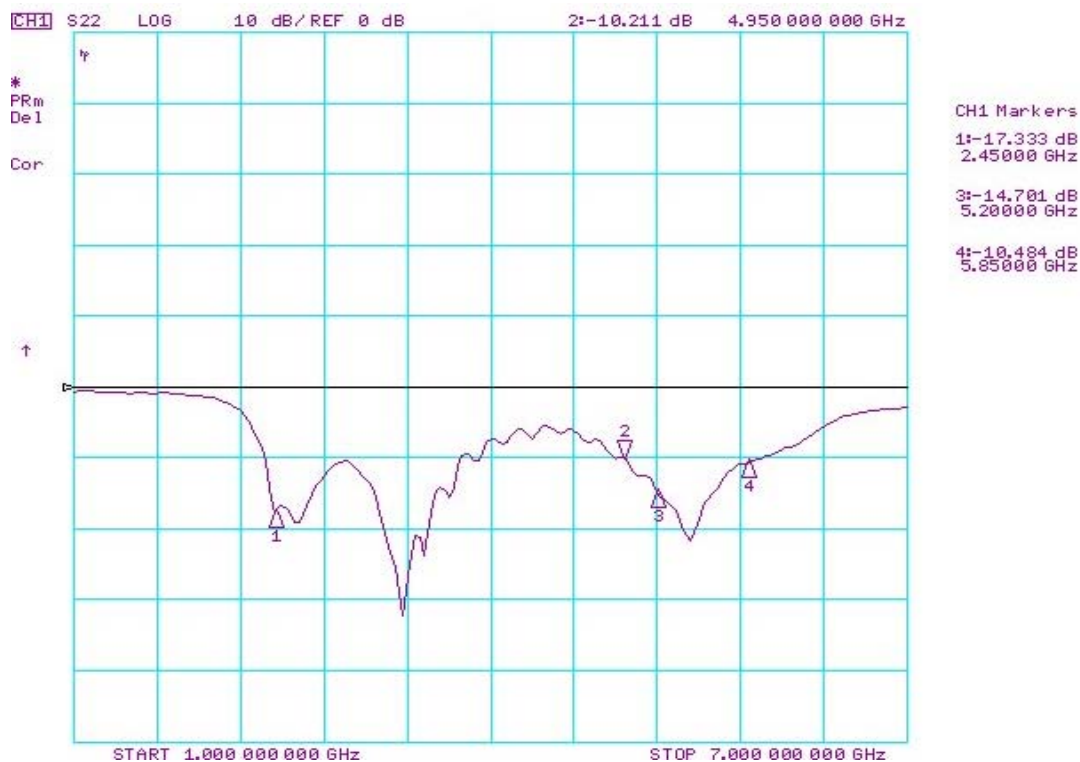
### ***2.45/5.2 GHz Dual-Band for 802.11a/b/g Application***



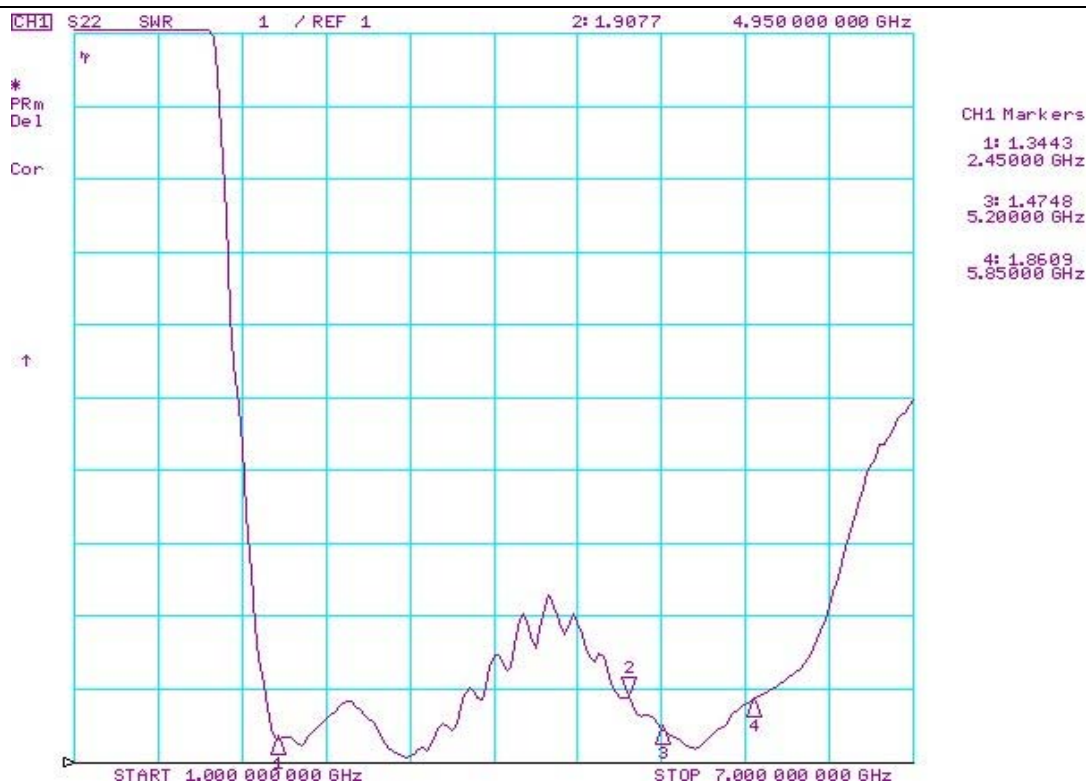
#### ***✿ Technical Information:***

<b>Center Frequency</b>	<b>2.45/5.2 GHz</b>
<b>Bandwidth (VSWR:1.90max.)</b>	<b>100/900 MHz</b>
<b>Peak Gain</b>	<b>2.29/1.96 dBi</b>
<b>H-Plane Average Gain</b>	<b>0.93/-2.0 dBi</b>
<b>Polarization</b>	<b>Linear</b>
<b>Impedance</b>	<b>50 ohm</b>
<b>Antenna Height</b>	<b>108 mm</b>

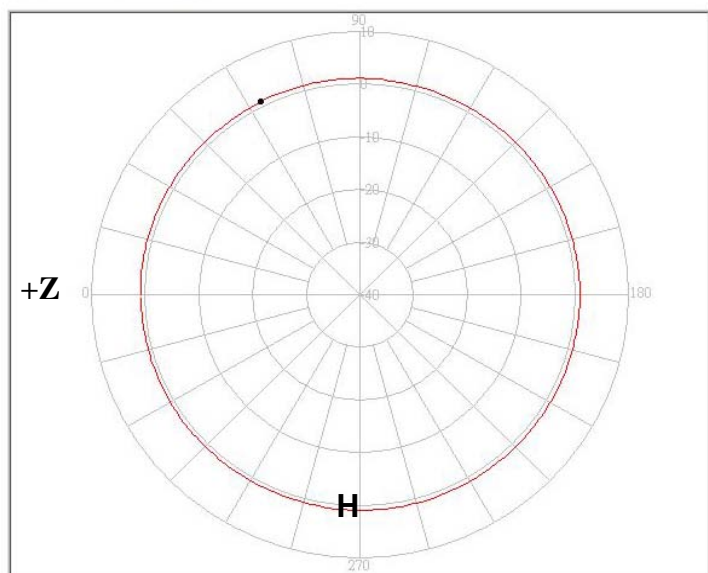
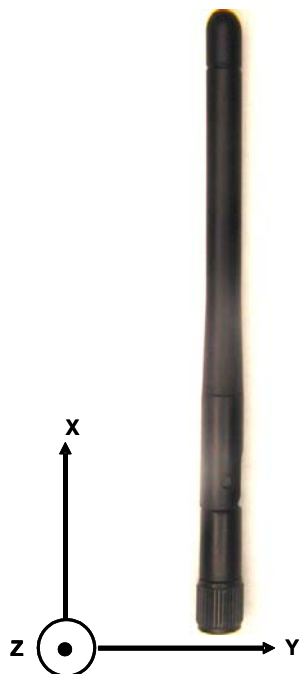
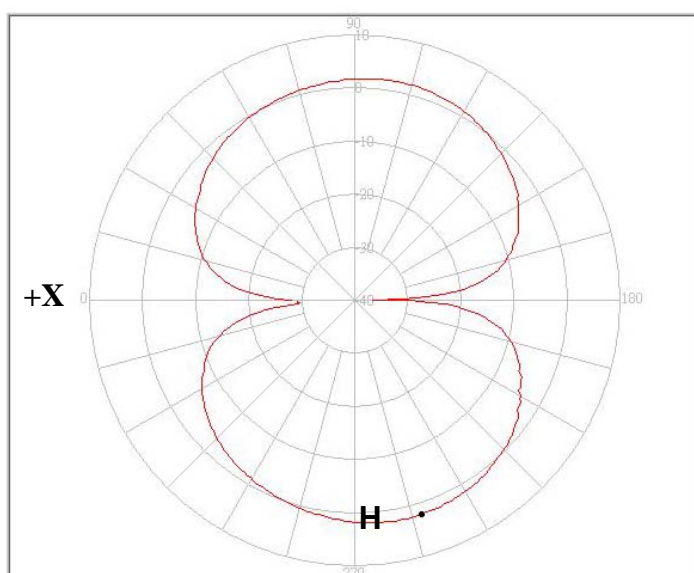
## Return Loss



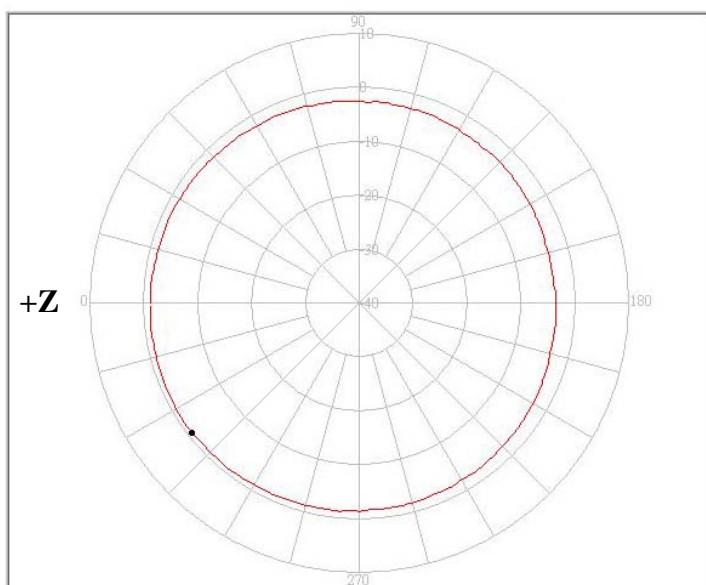
## VSWR



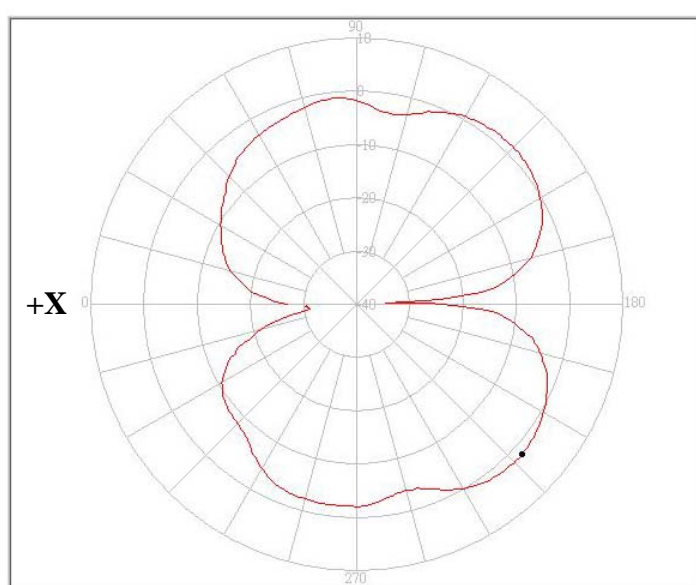
## Radiation patterns (2450 MHz)


**Y-Z (H) Plane**

**X-Z (E) Plane**

## Radiation patterns (5200 MHz)



+Y

**Y-Z (H) Plane**


+Z

**X-Z (E) Plane**

## Mechanical dimensions

