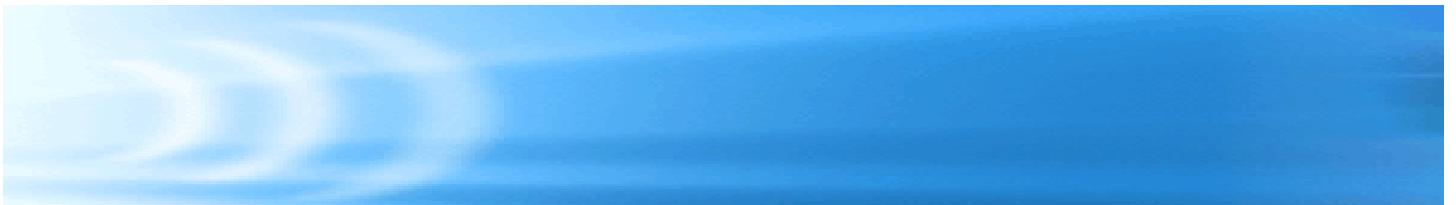



*Enlarge Your World with Wireless*  
**ACON Antenna**

# *Product Specification*



 <b>ACON</b> ADVANCED-CONNECTEK INC.	<b>UWB Antenna</b>  <b>Ultra wide band</b>	DOC. No.:		Rev.0	Page: 1/7
		Approved/Date		Checked/Date	Written/Date

## ***UWB Antenna***

***3.1~4.9GHz Wideband for UWB Application***



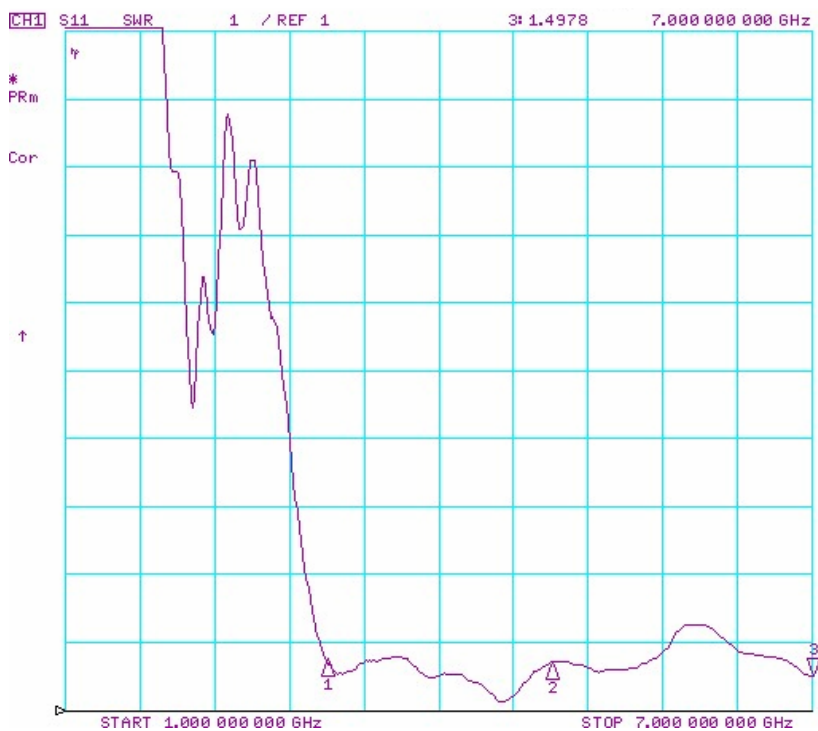
### ***❁ Technical Information:***

<b>Center Frequency</b>	<b>3.1~4.9 GHz</b>
<b>Bandwidth (VSWR:2 max.)</b>	<b>&gt;2 GHz</b>
<b>Peak Gain</b>	<b>2.32 dBi</b>
<b>Efficiency</b>	<b>&gt; 60%</b>
<b>Polarization</b>	<b>Linear</b>
<b>Impedance</b>	<b>50 ohm</b>
<b>Weight</b>	<b>10 g</b>
<b>Dimension</b>	<b>105.3 × ϕ9.3 mm</b>
<b>Connector</b>	<b>MHF Plug</b>

## Return Loss



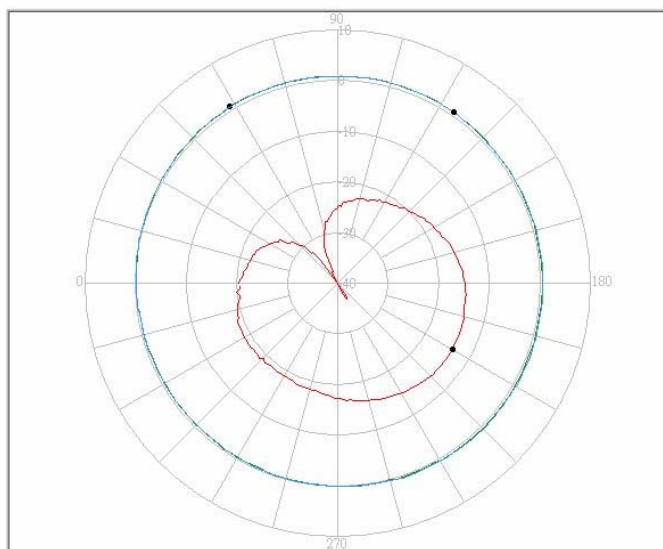
## VSWR



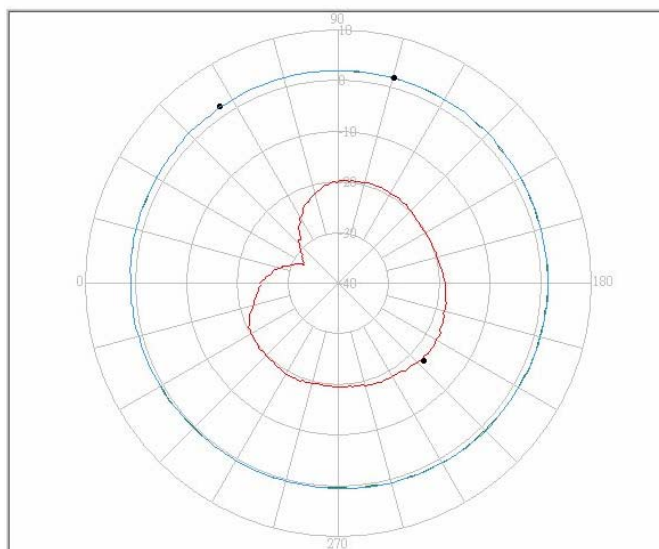
## Radiation pattern Azimuth gain plot (Hor+Ver)



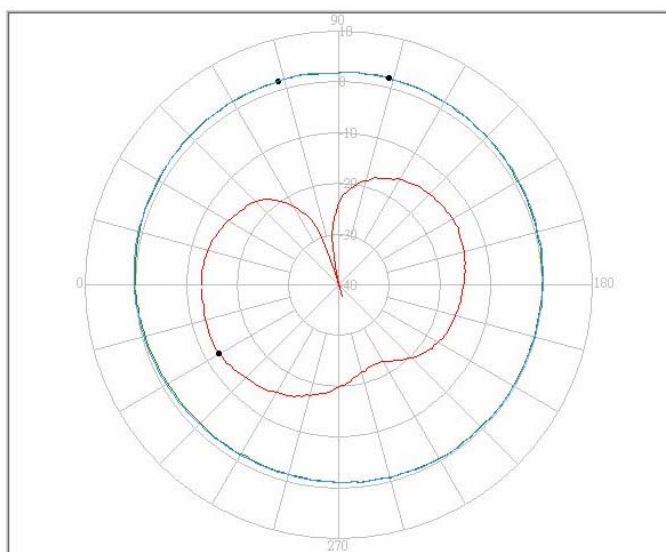
Antenna Pattern &amp; EIRP Measurement


**3100MHz**

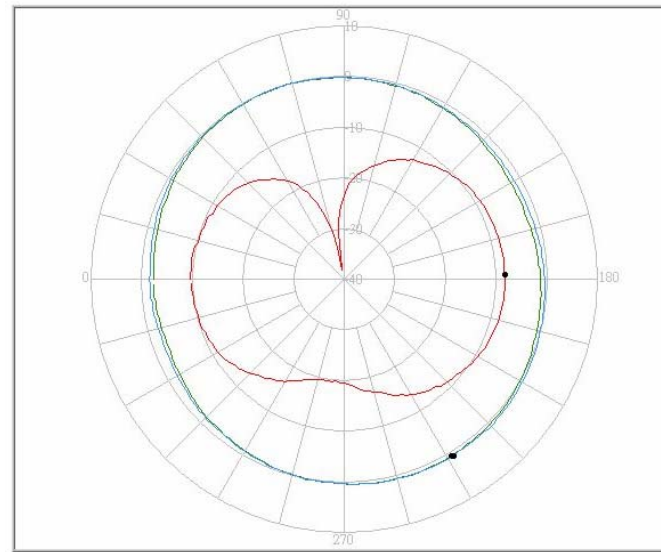

Antenna Pattern &amp; EIRP Measurement


**3300MHz**


Antenna Pattern &amp; EIRP Measurement


**3500MHz**

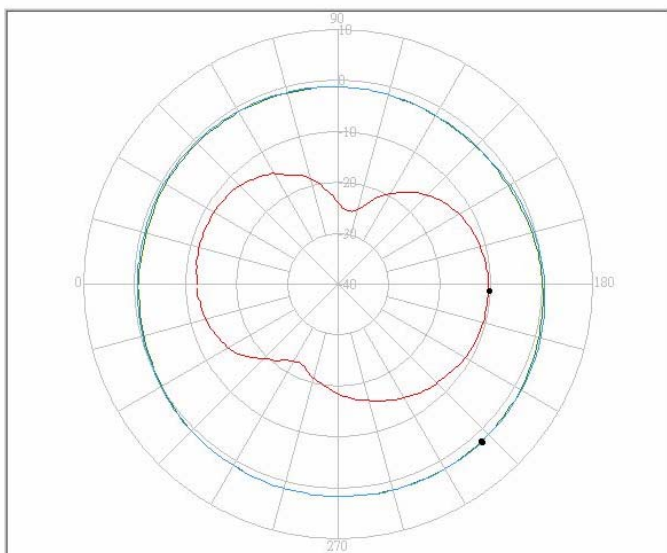

Antenna Pattern &amp; EIRP Measurement


**3700MHz**

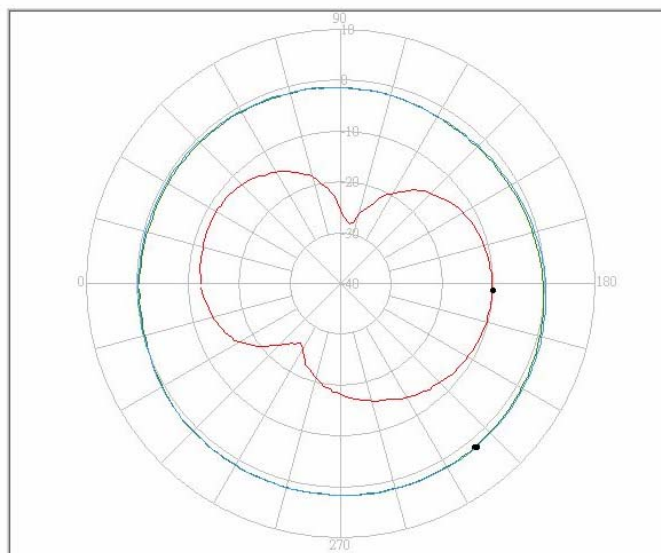
## Radiation pattern Azimuth gain plot (Hor+Ver)



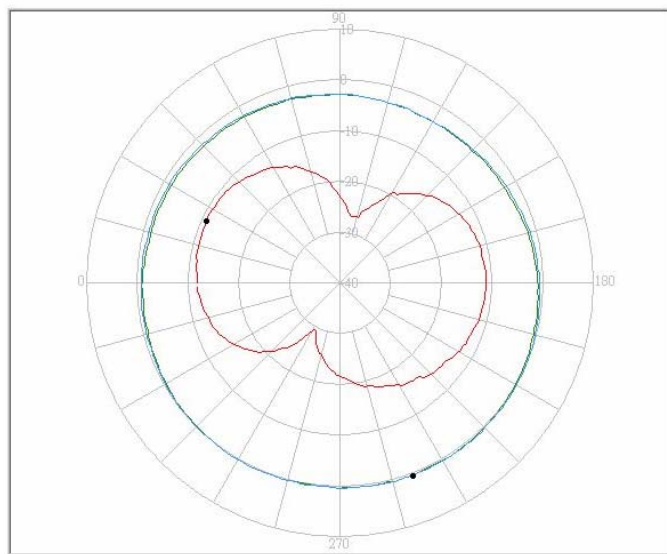
Antenna Pattern &amp; EIRP Measurement


**4100MHz**

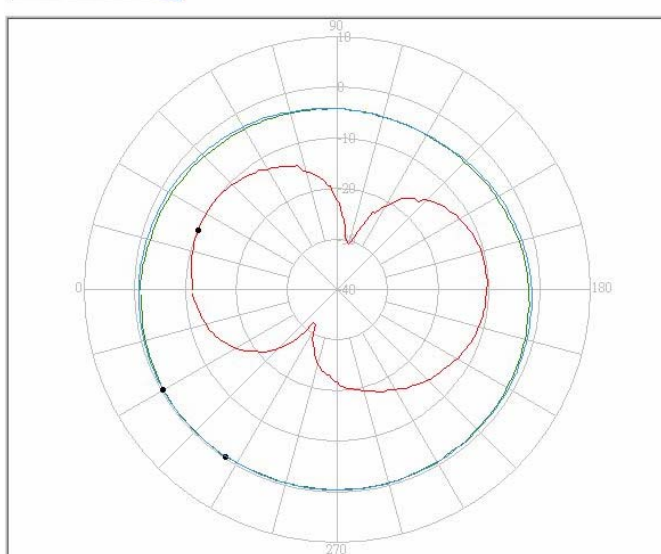

Antenna Pattern &amp; EIRP Measurement


**4300MHz**


Antenna Pattern &amp; EIRP Measurement


**4500MHz**


Antenna Pattern &amp; EIRP Measurement

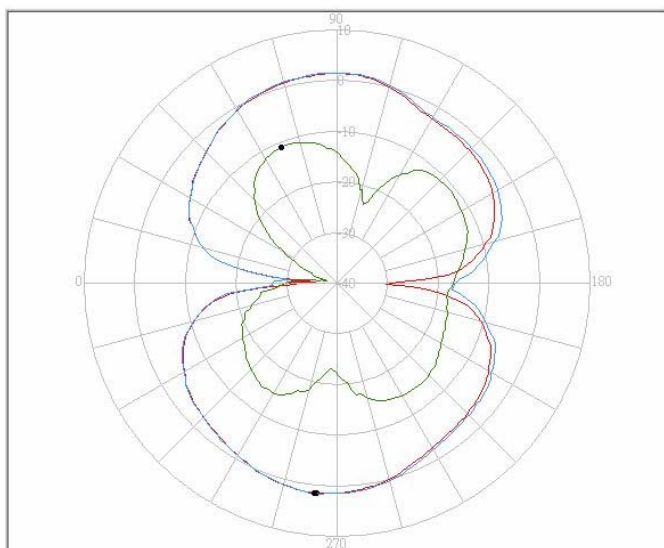

**4900MHz**



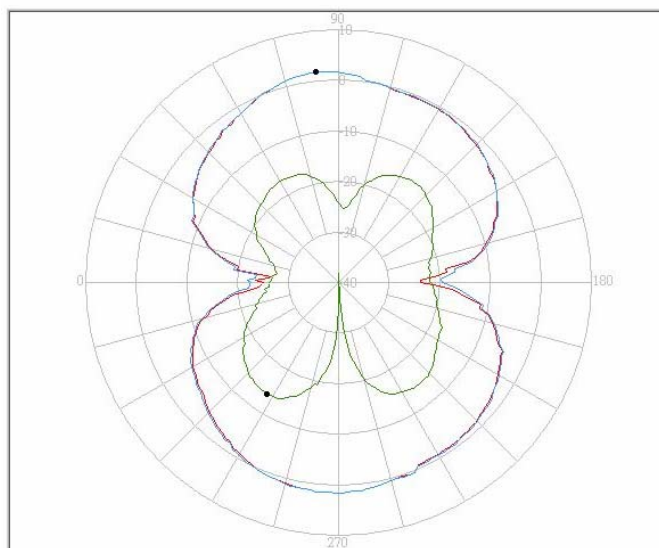
## Radiation pattern Elevation gain plot (Hor+Ver)



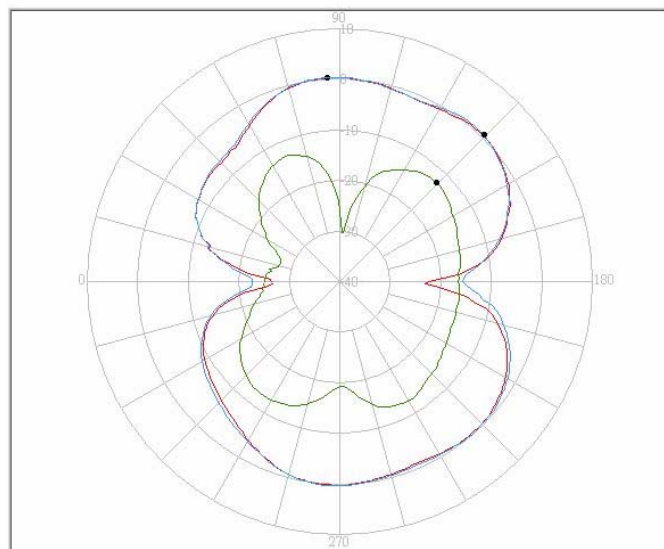
Antenna Pattern &amp; EIRP Measurement


**3100MHz**

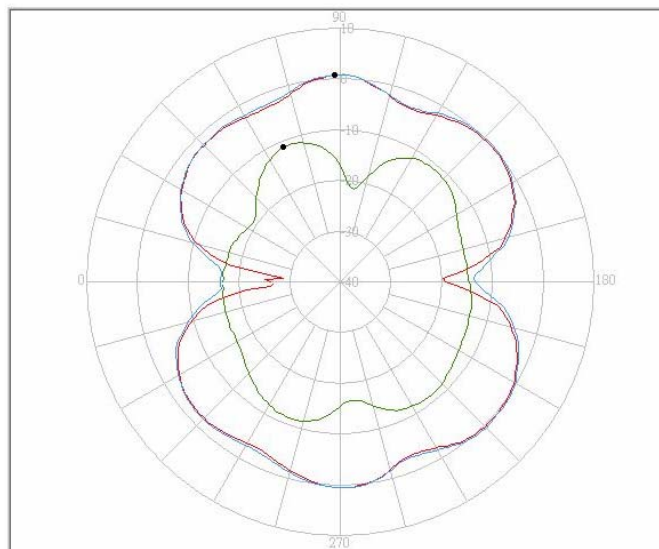

Antenna Pattern &amp; EIRP Measurement


**3300MHz**


Antenna Pattern &amp; EIRP Measurement


**3500MHz**

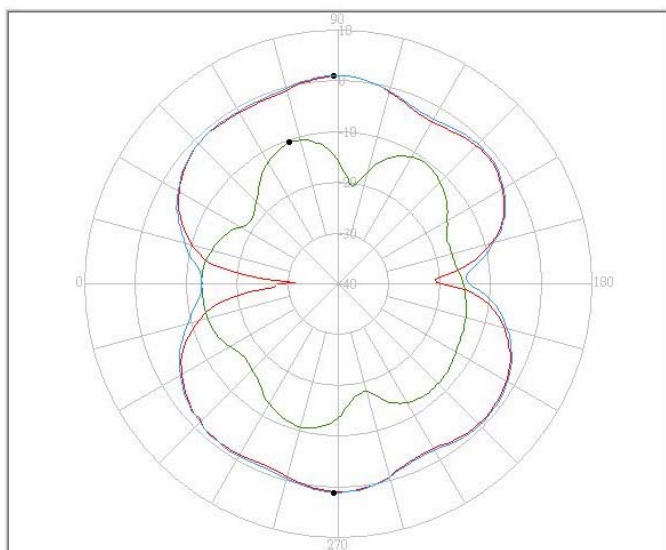

Antenna Pattern &amp; EIRP Measurement


**3700MHz**

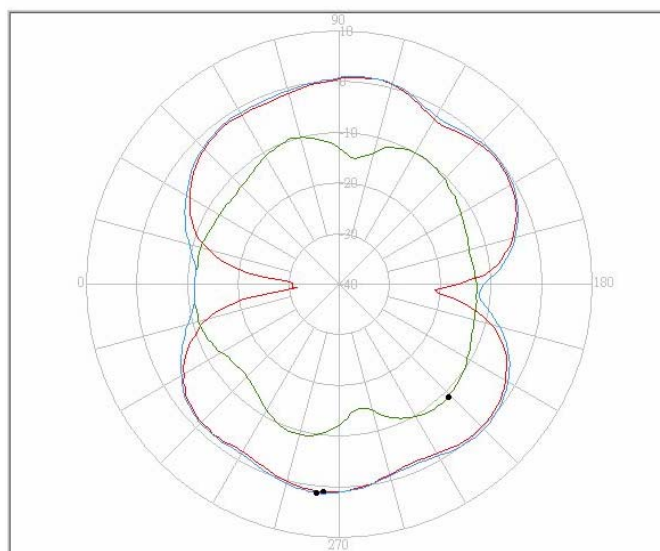
## Radiation pattern Elevation gain plot (Hor+Ver)



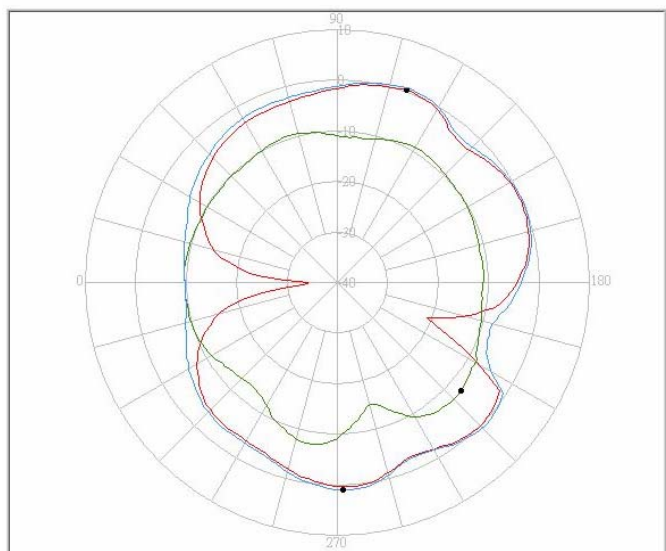
Antenna Pattern &amp; EIRP Measurement


**4100MHz**

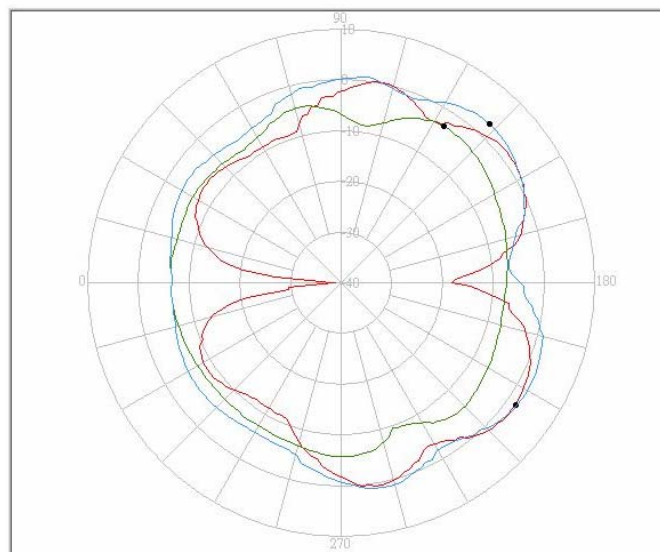

Antenna Pattern &amp; EIRP Measurement


**4300MHz**


Antenna Pattern &amp; EIRP Measurement


**4500MHz**


Antenna Pattern &amp; EIRP Measurement


**4900MHz**

## Mechanical dimensions

