

Accton

Making Partnership Work

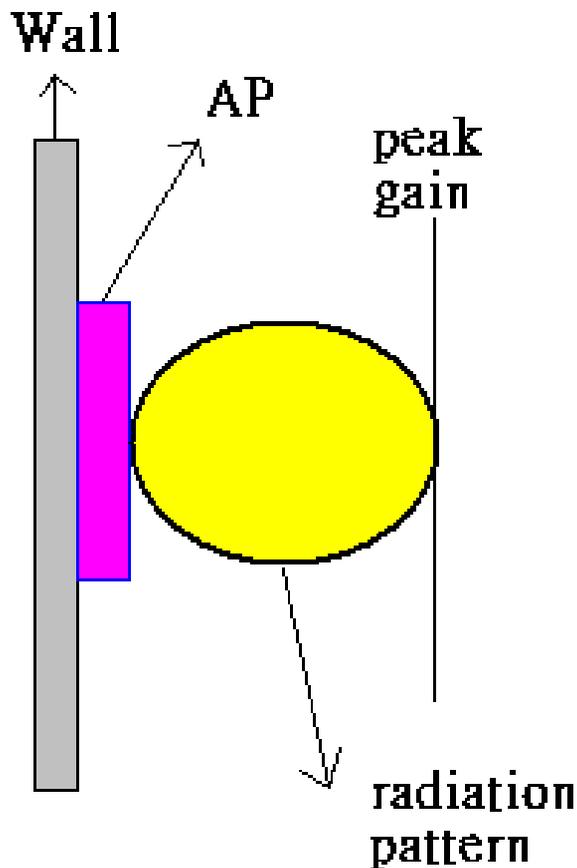


HP-Embedded antenna spec

By: James_Liang
Date: 11/29/05



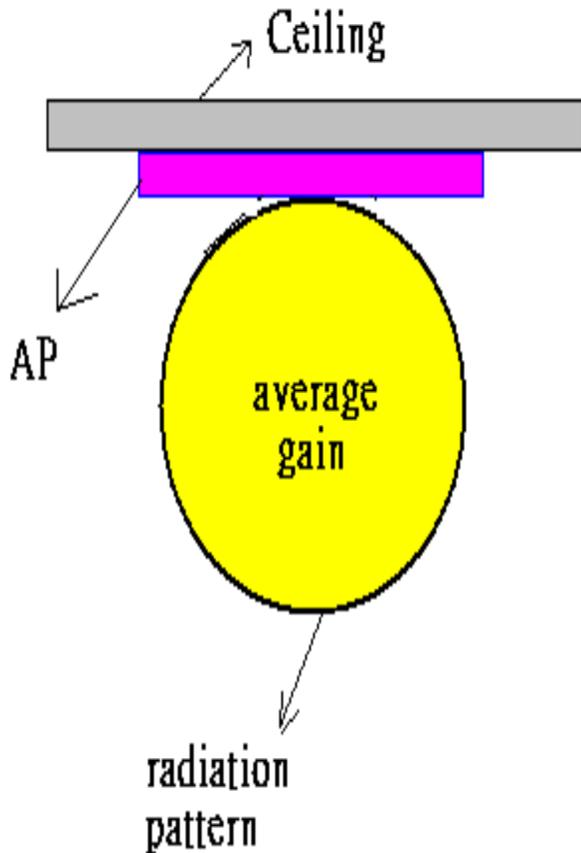
Wall mount application



Description / Product	Accton 2GHz PIFA	Accton 5GHz PIFA
Frequency Range	2.4 ~ 2.5 GHz	5.15 ~ 5.875 GHz
Polarization	Linear / Vertical / Horizontal	Linear / Vertical / Horizontal
Peak Gain	6dBi	6dBi
VSWR	2.0:1	2.0:1

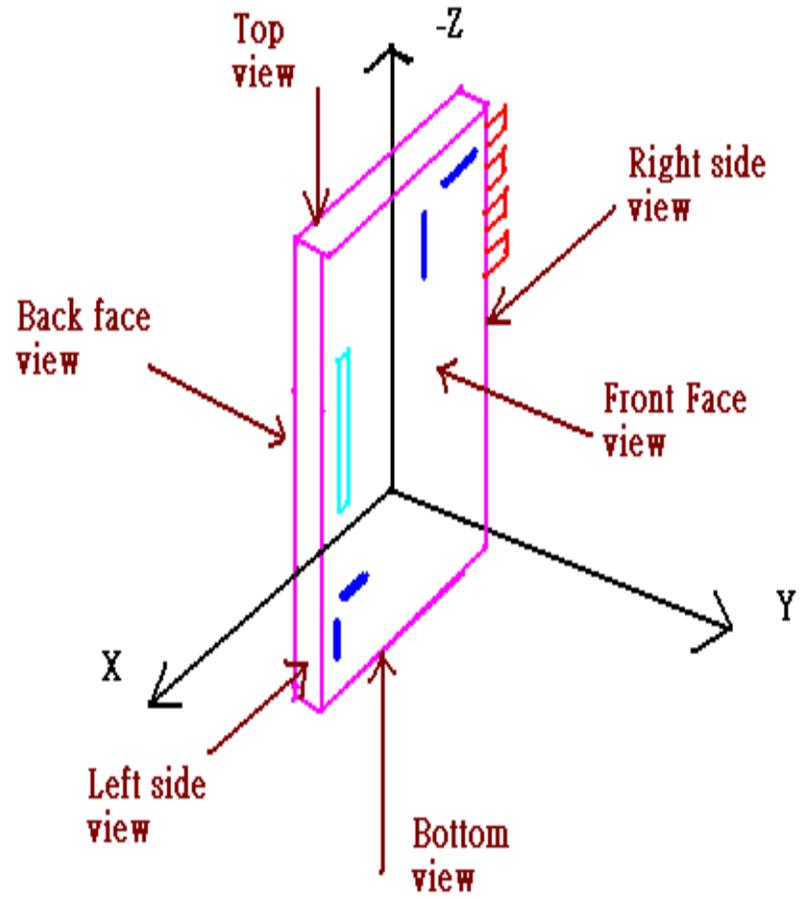
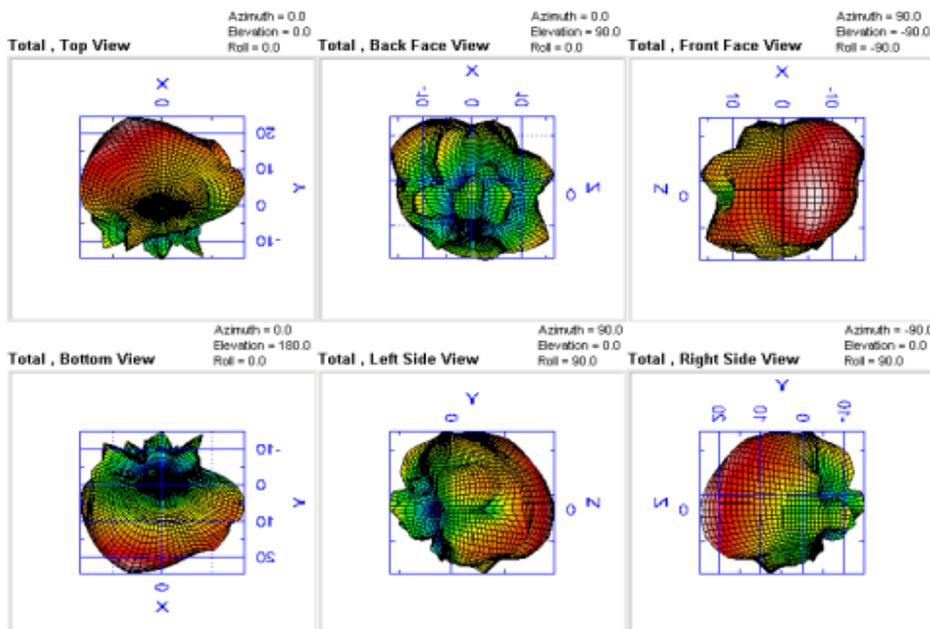
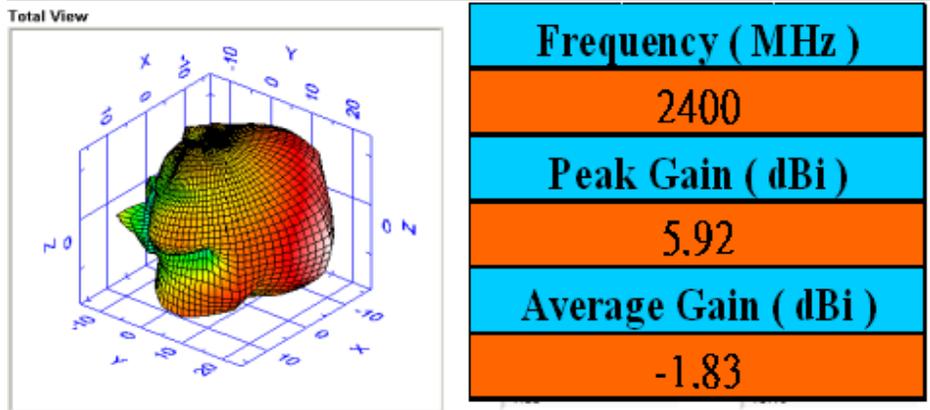


Ceiling mount application

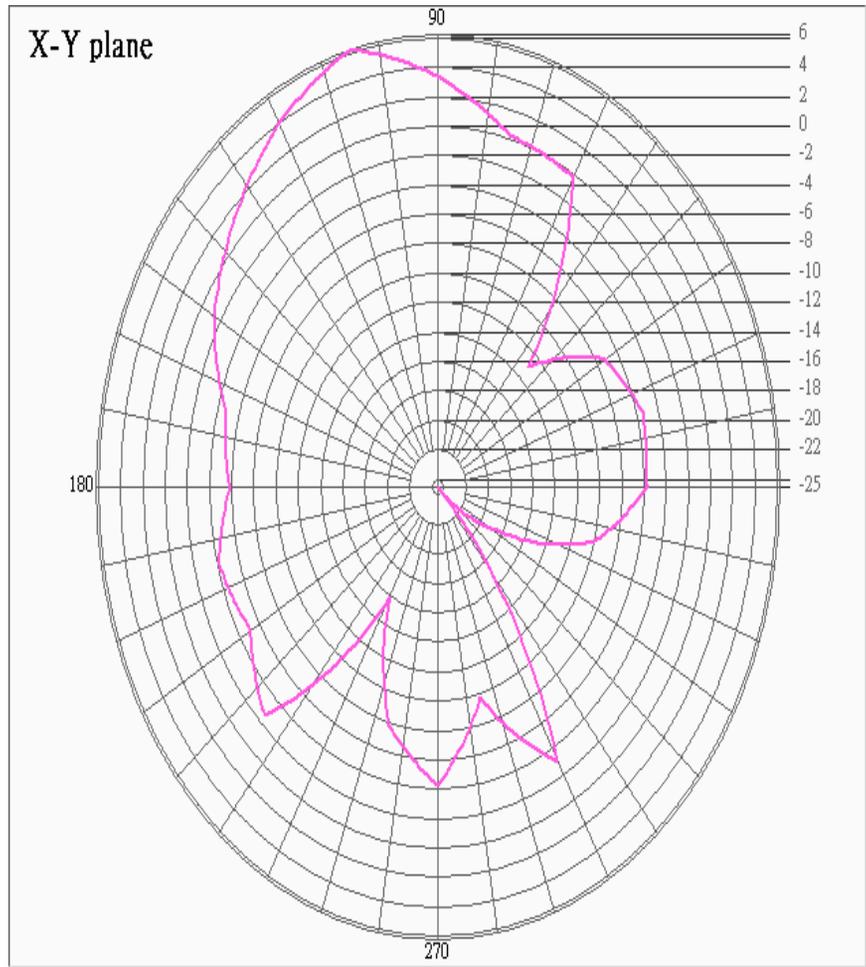
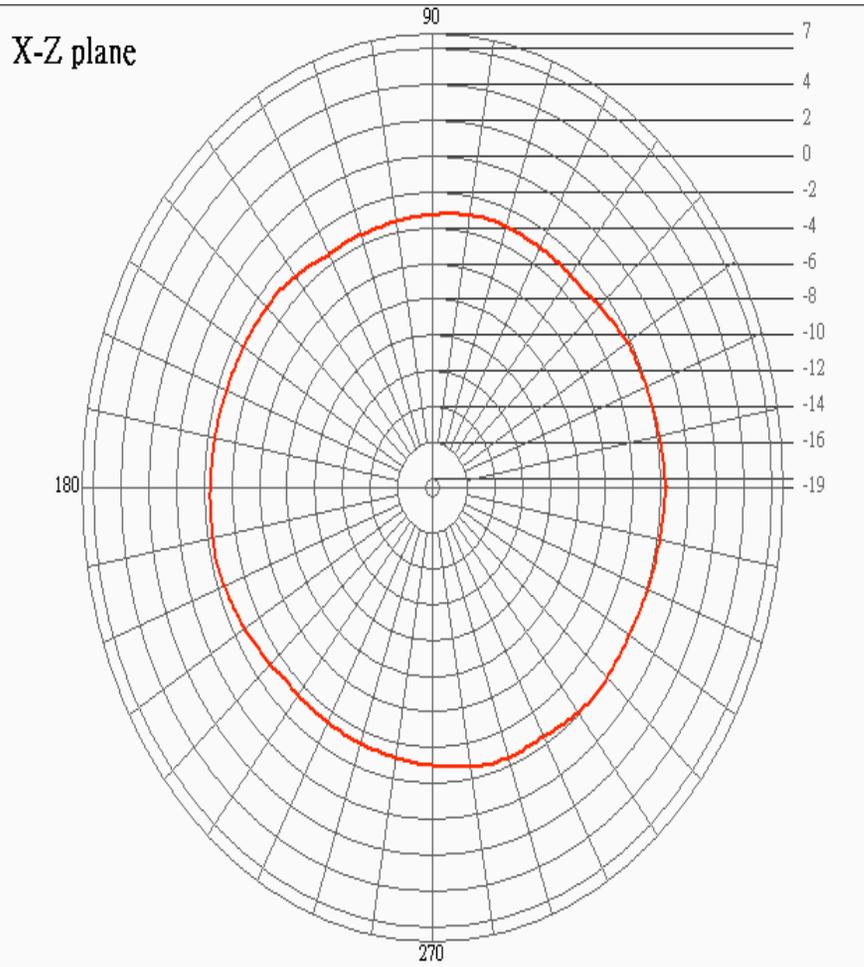


Description / Product	Accton 2GHz PIFA	Accton 5GHz PIFA
Frequency Range	2.4 ~ 2.5 GHz	5.15 ~ 5.875 GHz
Polarization	Linear / Vertical / Horizontal	Linear / Vertical / Horizontal
Peak Gain	6 dBi	6 dBi
Average Gain	> -3.2dBi	> -3.6 dBi

Antenna 1 2.4 GHz 3D - radiation pattern

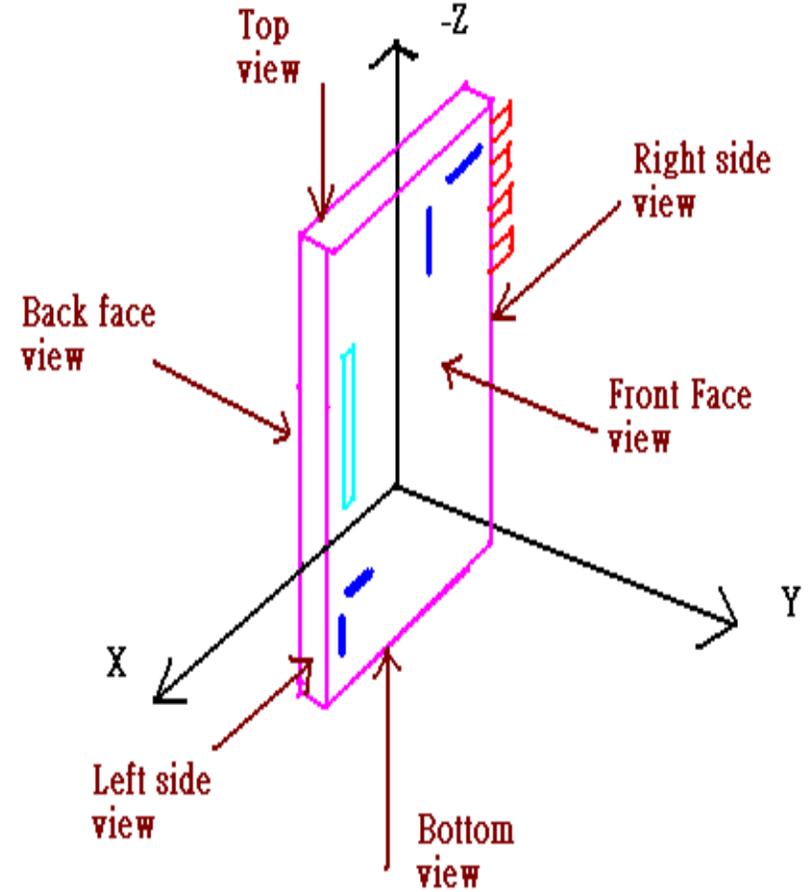
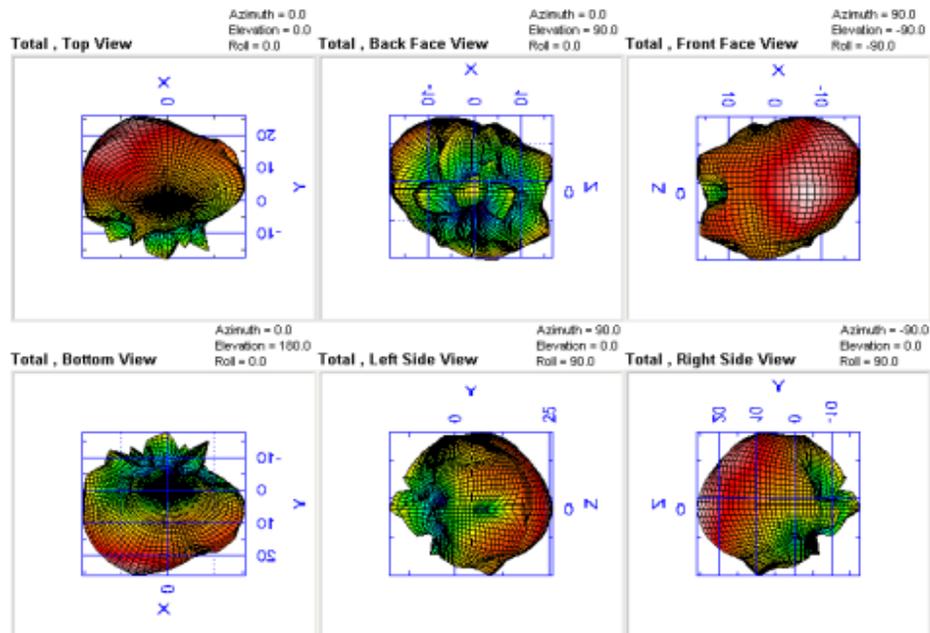
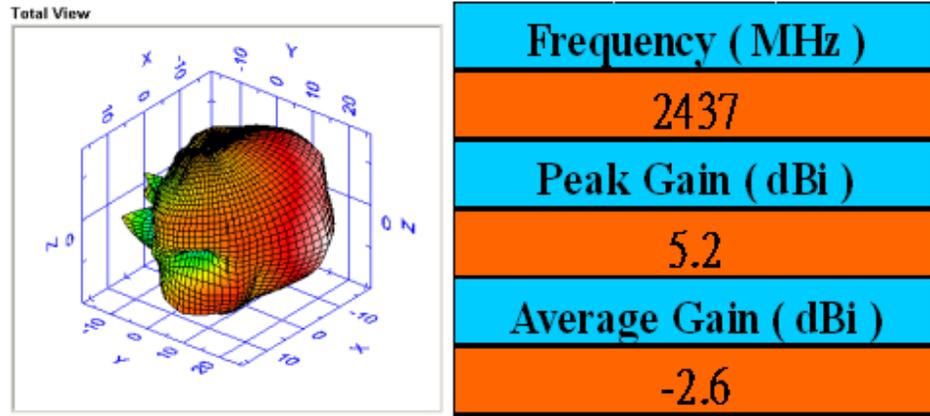


Antenna 1 2.4 GHz 2D - radiation pattern



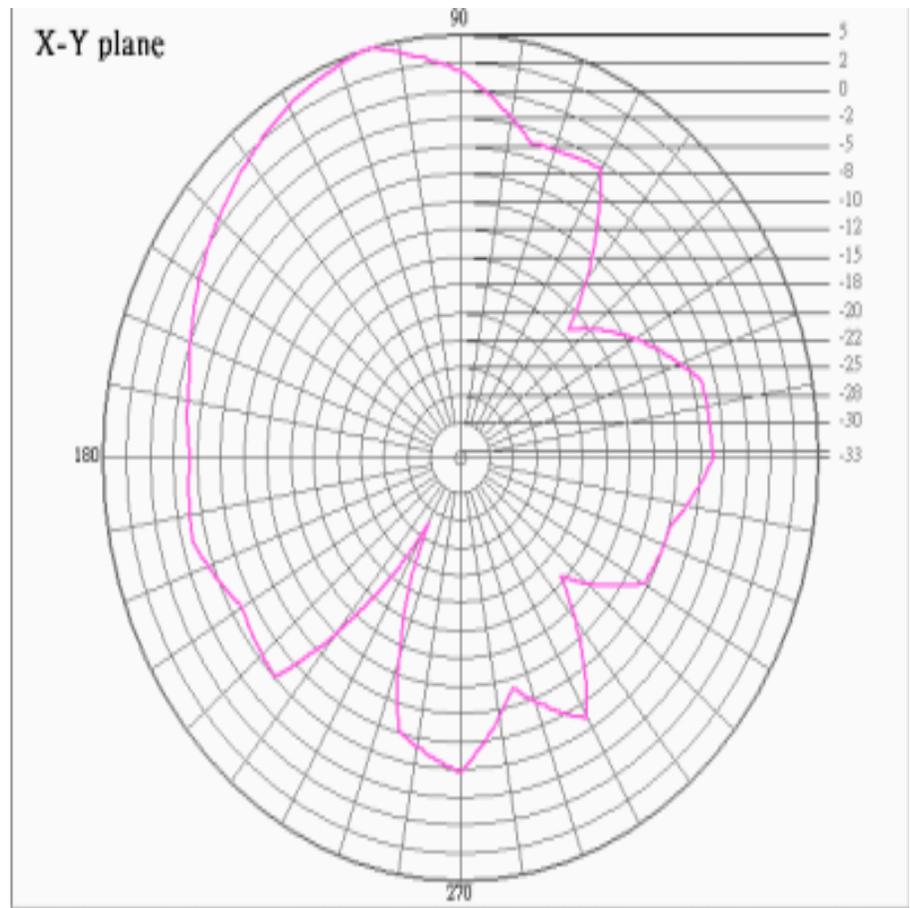
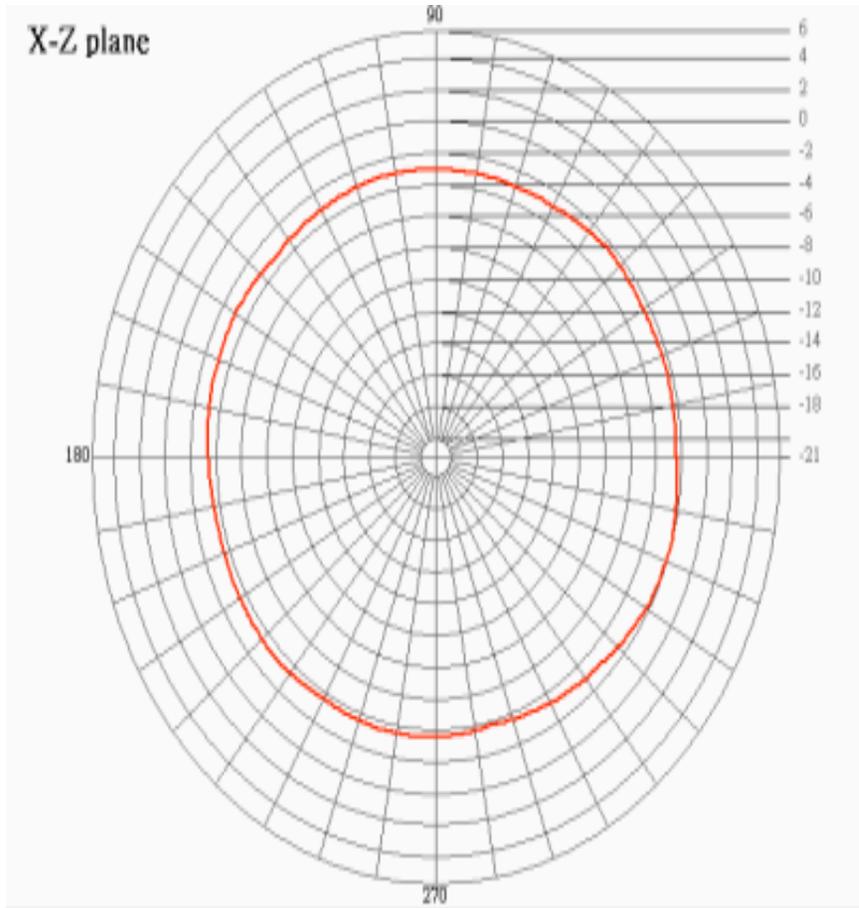


Antenna 1 2.437 GHz 3D - radiation pattern





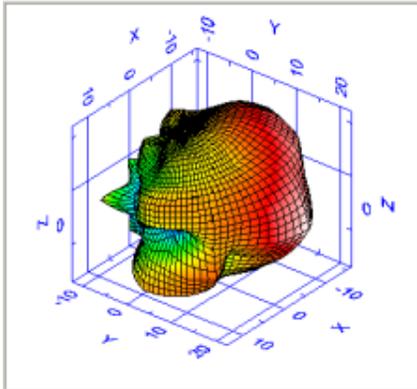
Antenna 1 2.437 GHz 2D - radiation pattern





Antenna 1 2.484 GHz 3D - radiation pattern

Total View



Frequency (MHz)

2484

Peak Gain (dBi)

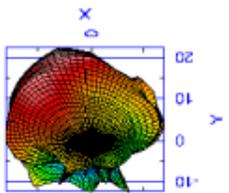
4.66

Average Gain (dBi)

-3.11

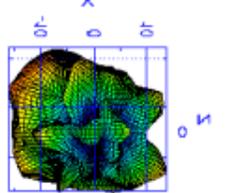
Total , Top View

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Elevation = 0.0
Roll = 0.0



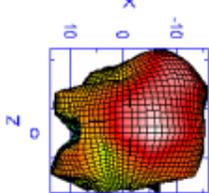
Total , Back Face View

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Elevation = -90.0
Roll = 0.0



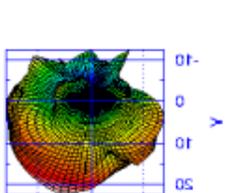
Total , Front Face View

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Roll = -90.0



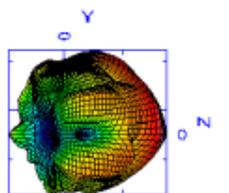
Total , Bottom View

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Elevation = 180.0
Roll = 0.0



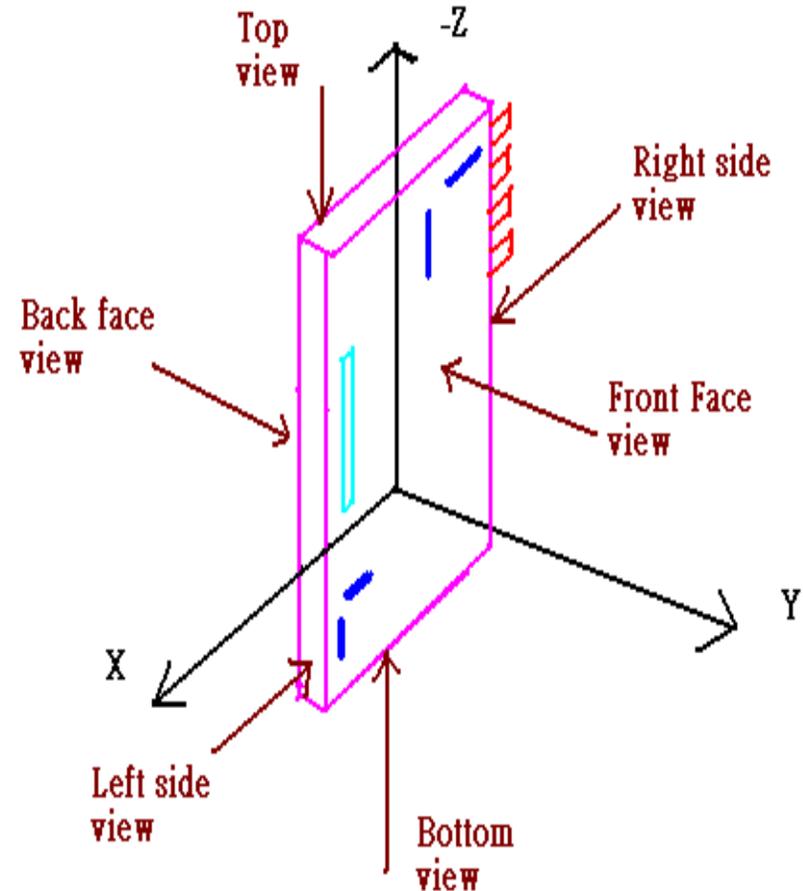
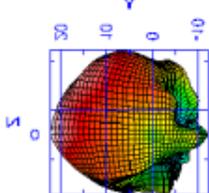
Total , Left Side View

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Elevation = 0.0
Roll = 90.0



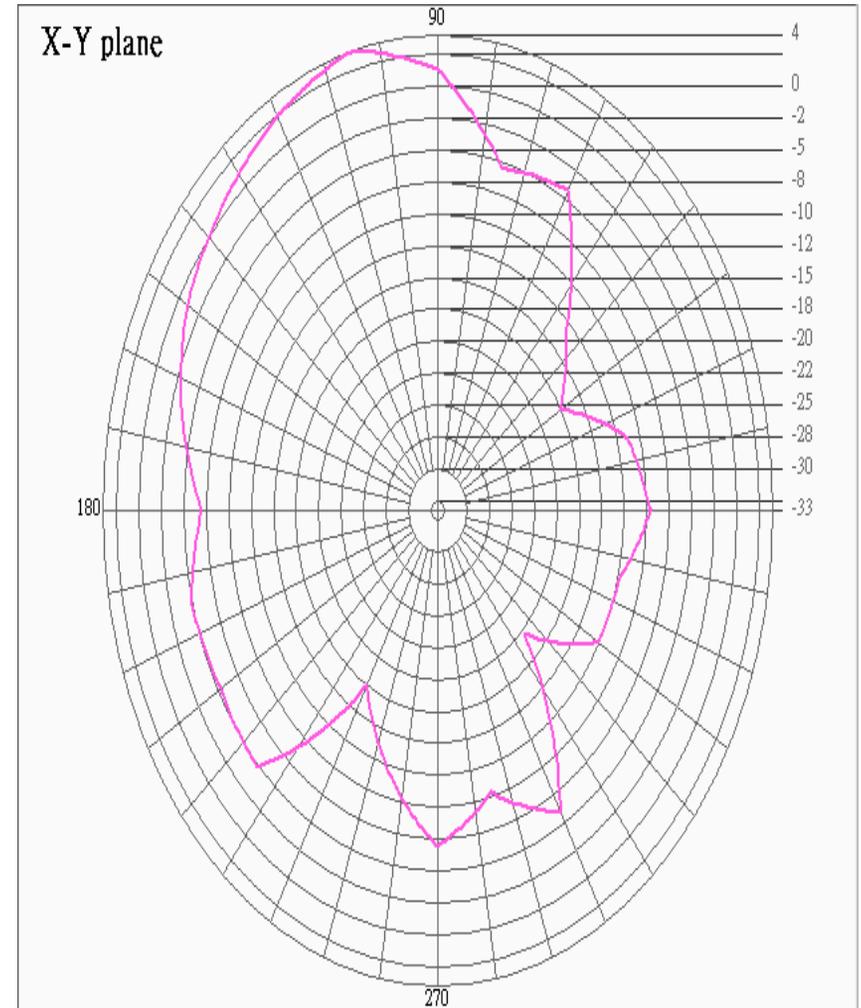
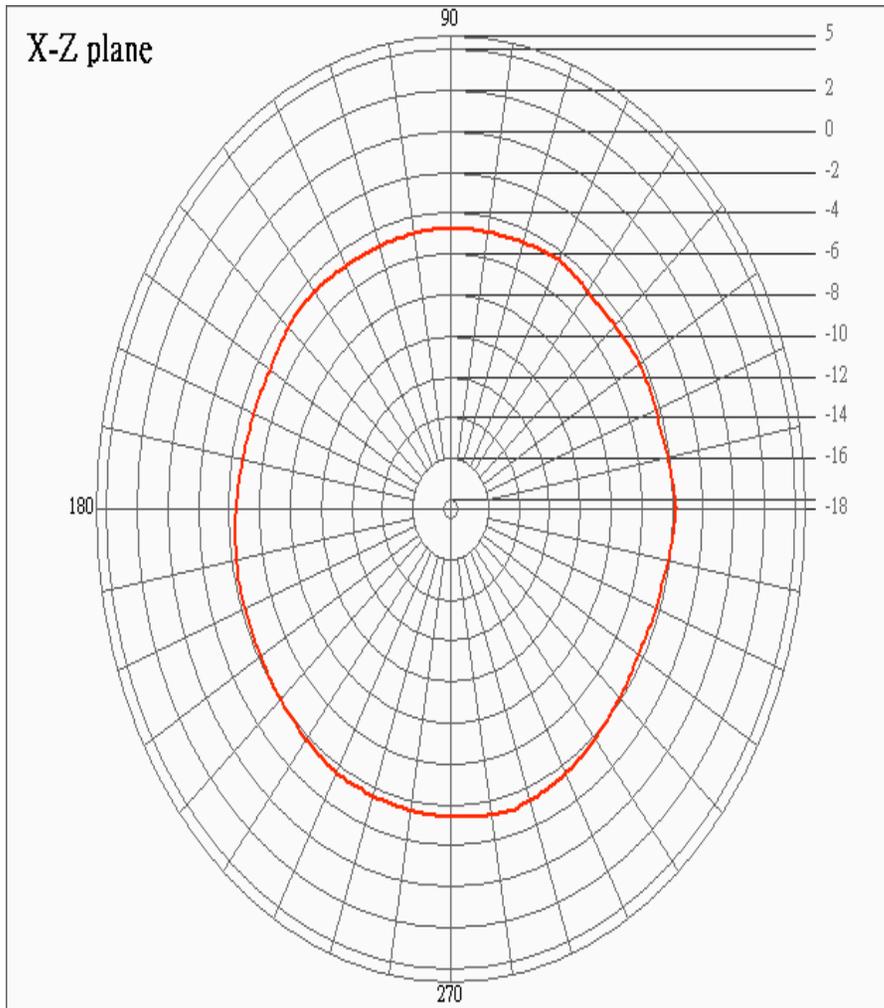
Total , Right Side View

Azimuth = -90.0
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Roll = 90.0

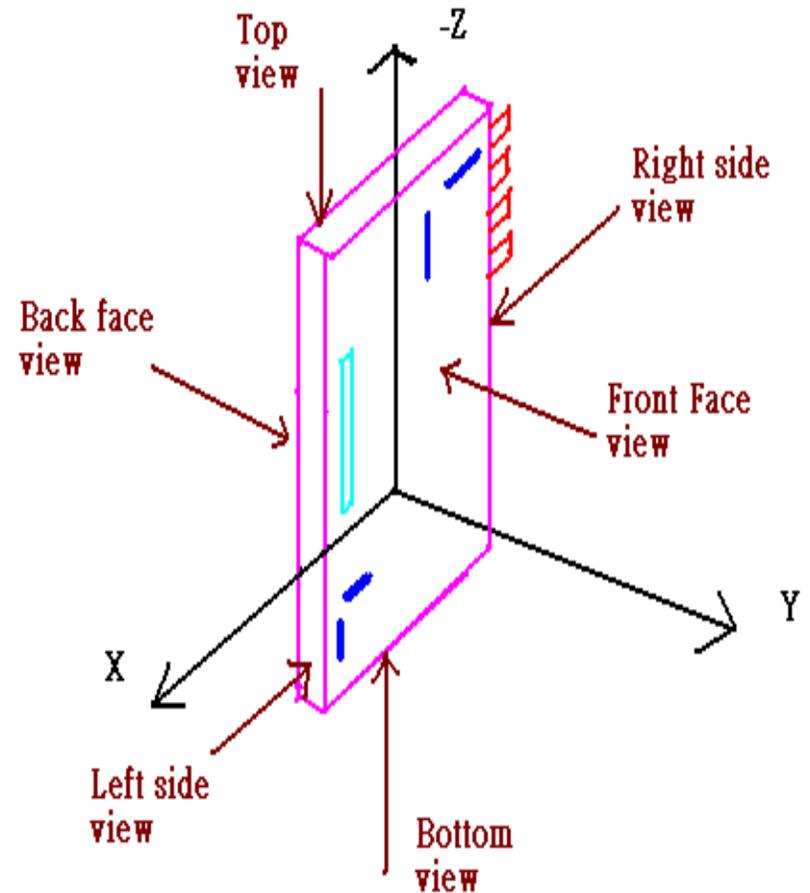
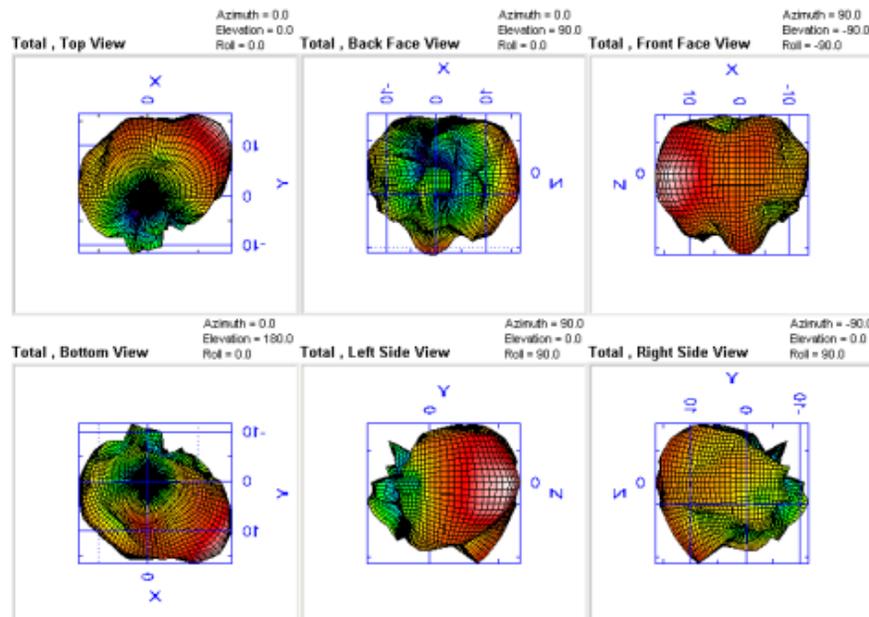
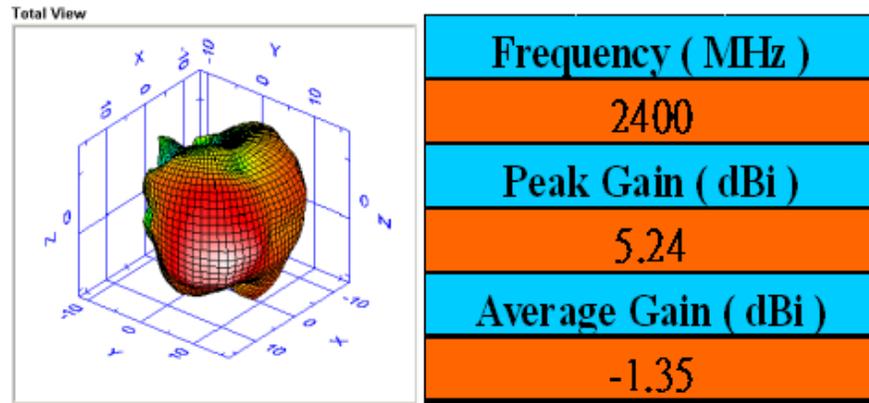




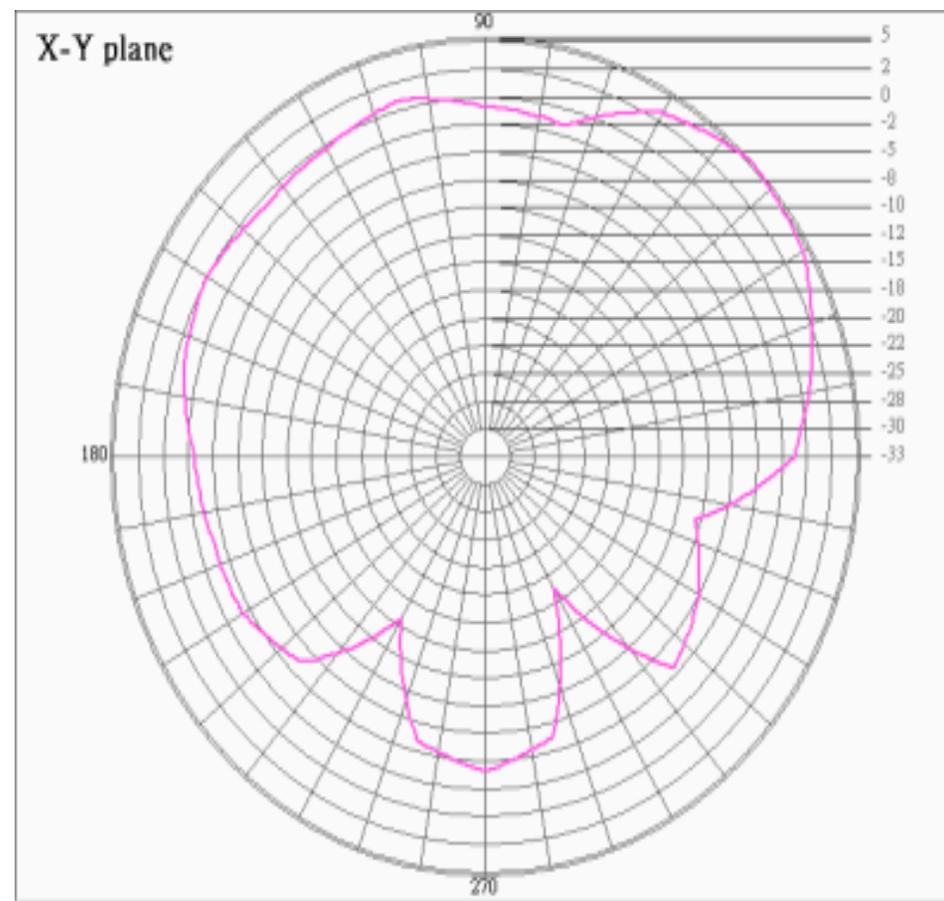
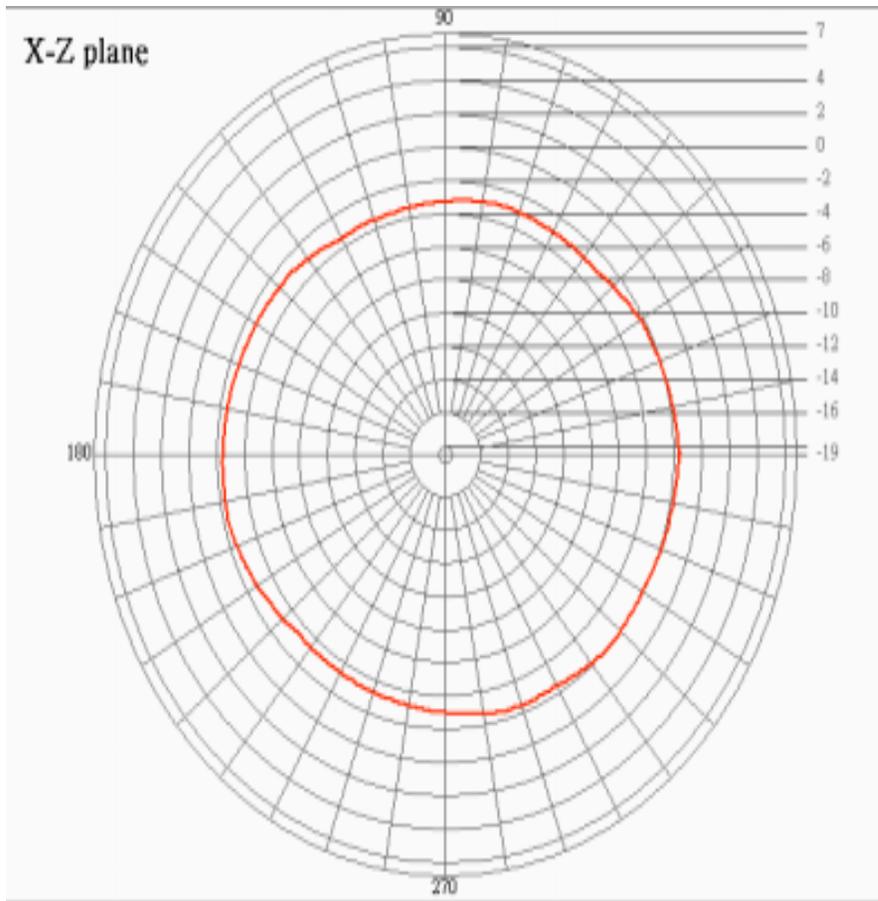
Antenna 1 2.484 GHz 2D - radiation pattern



Antenna 2 2.4 GHz 3D - radiation pattern

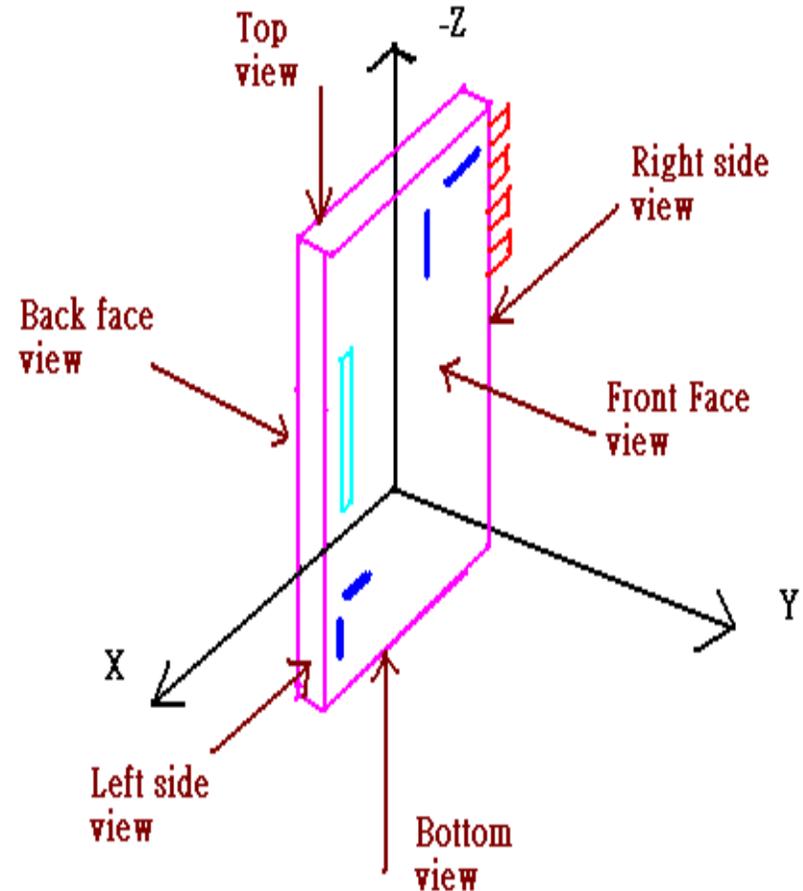
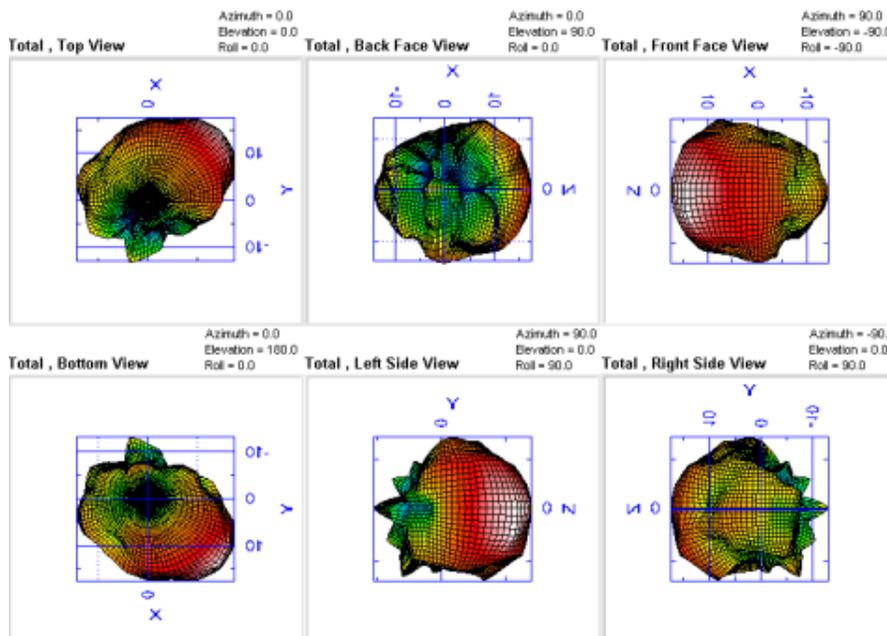
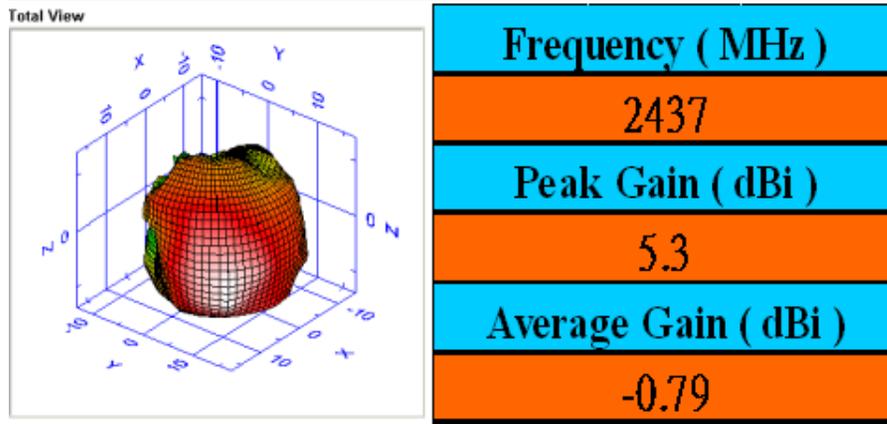


Antenna 2 2.4 GHz 2D - radiation pattern



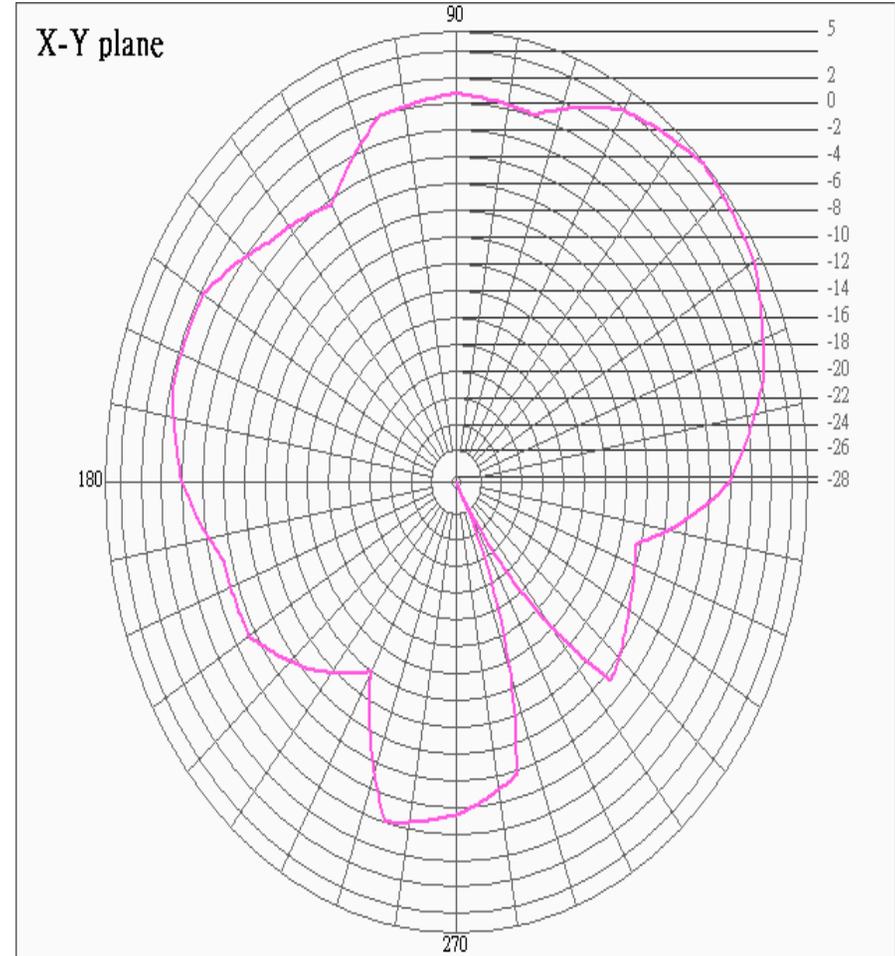
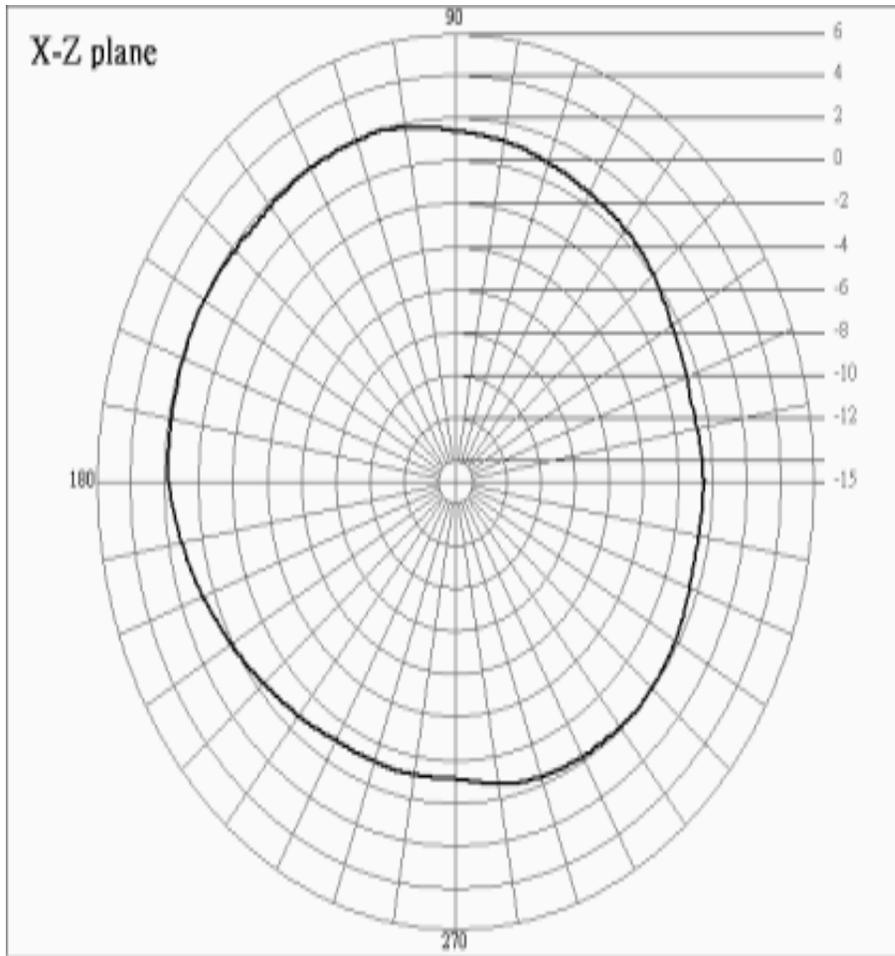


Antenna 2 2.437 GHz 3D - radiation pattern



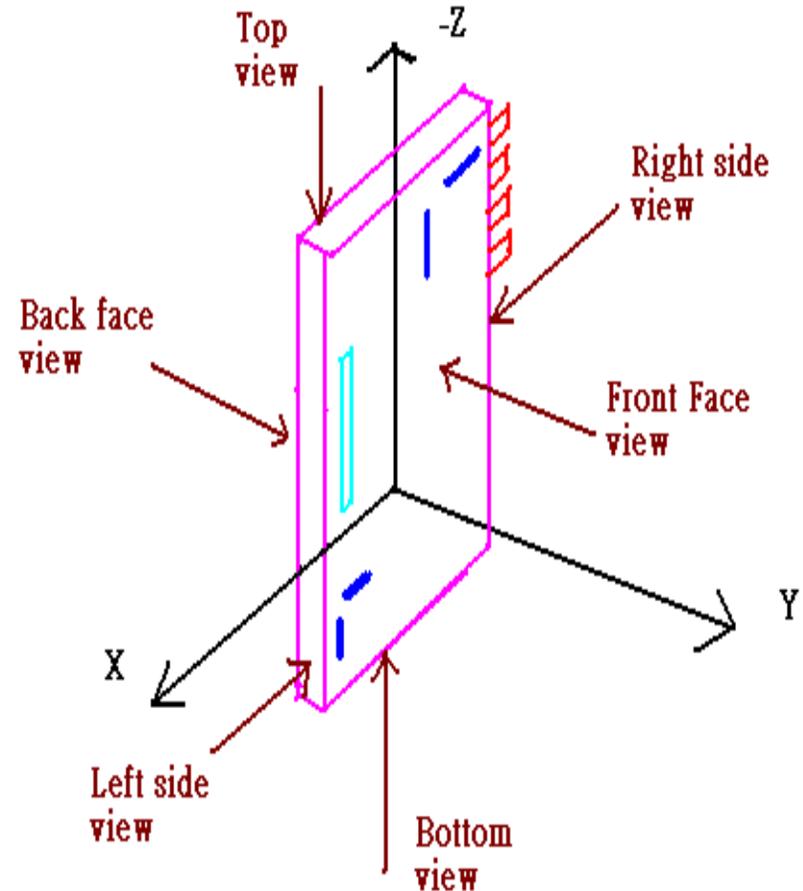
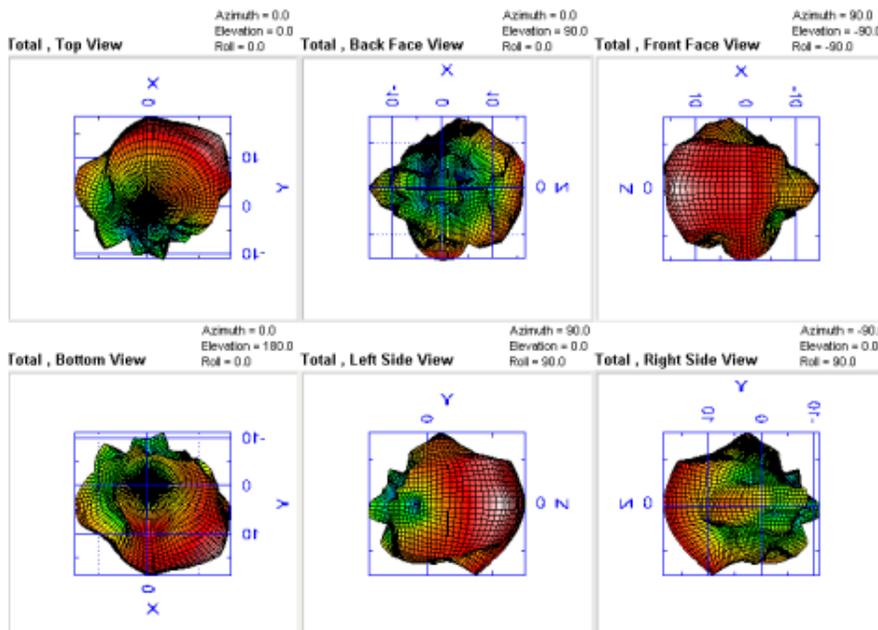
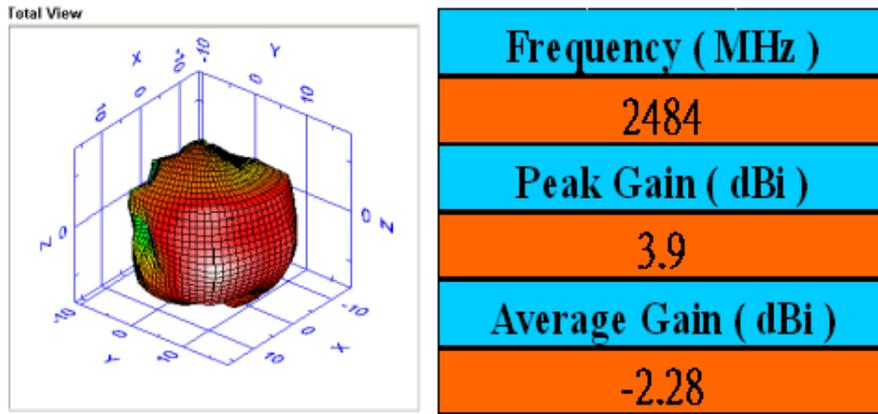


Antenna 2 2.437 GHz 2D - radiation pattern



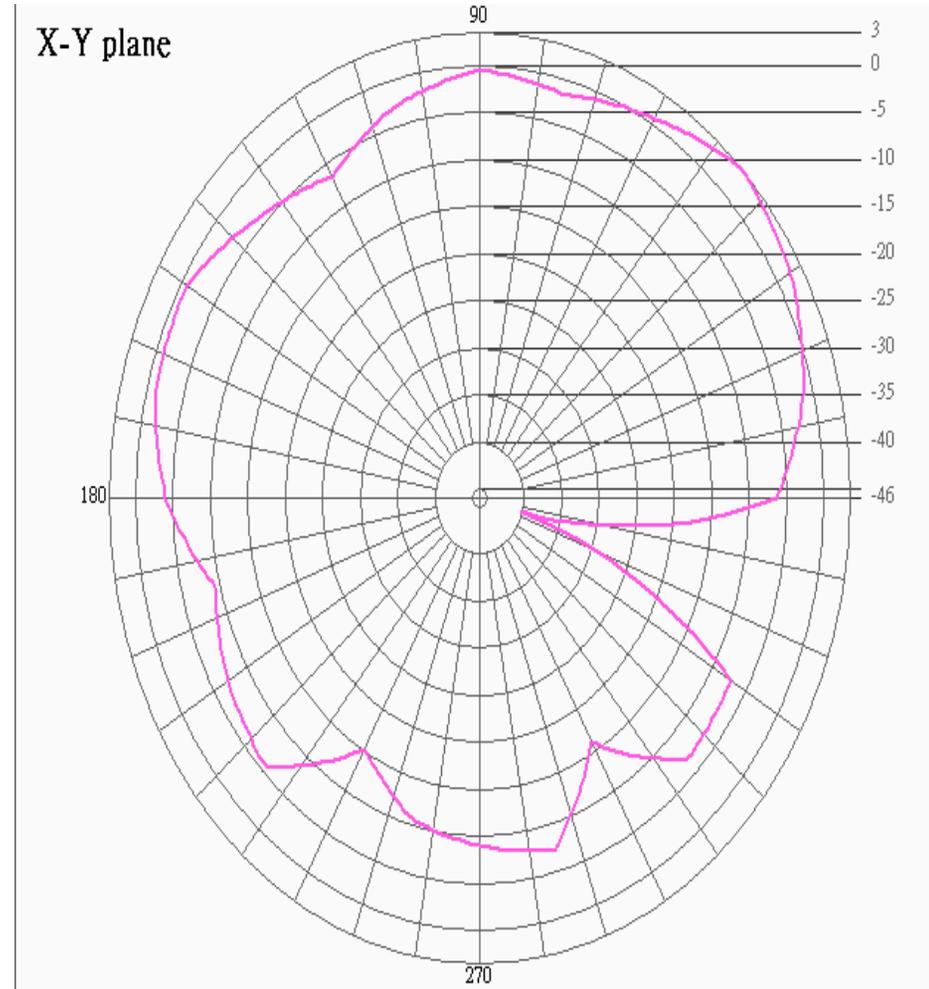
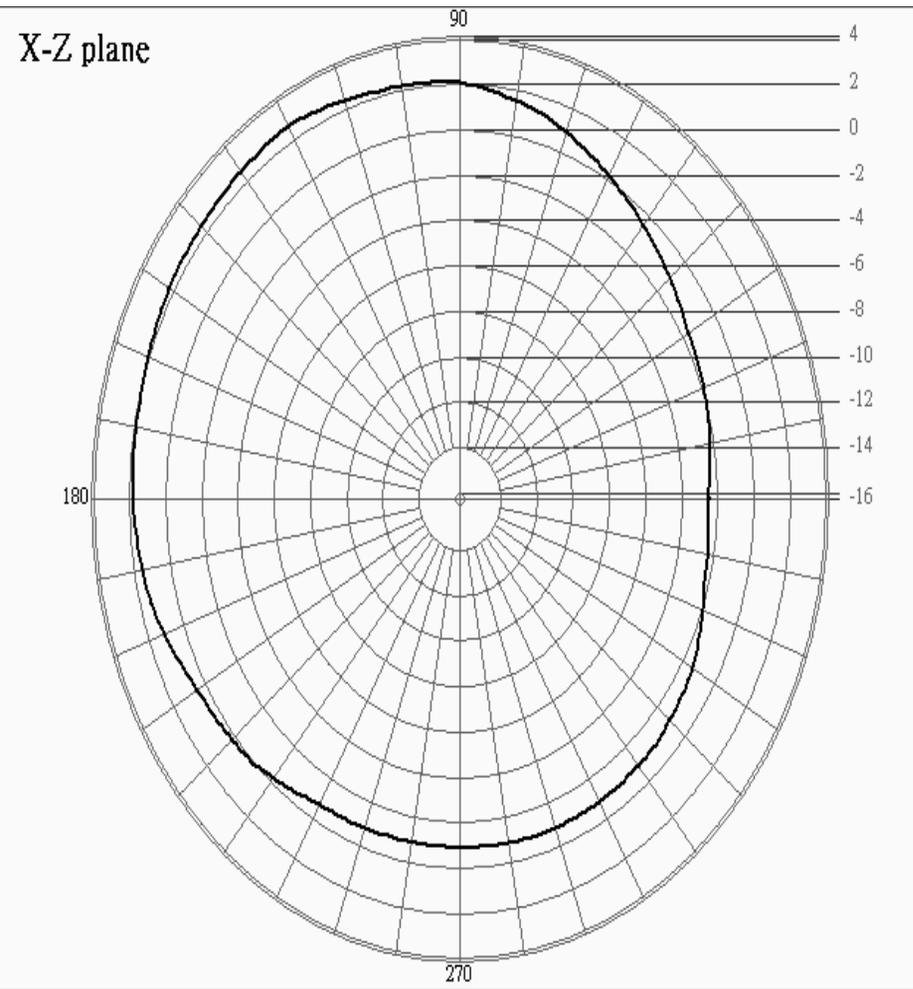


Antenna 2 2.484 GHz 3D - radiation pattern

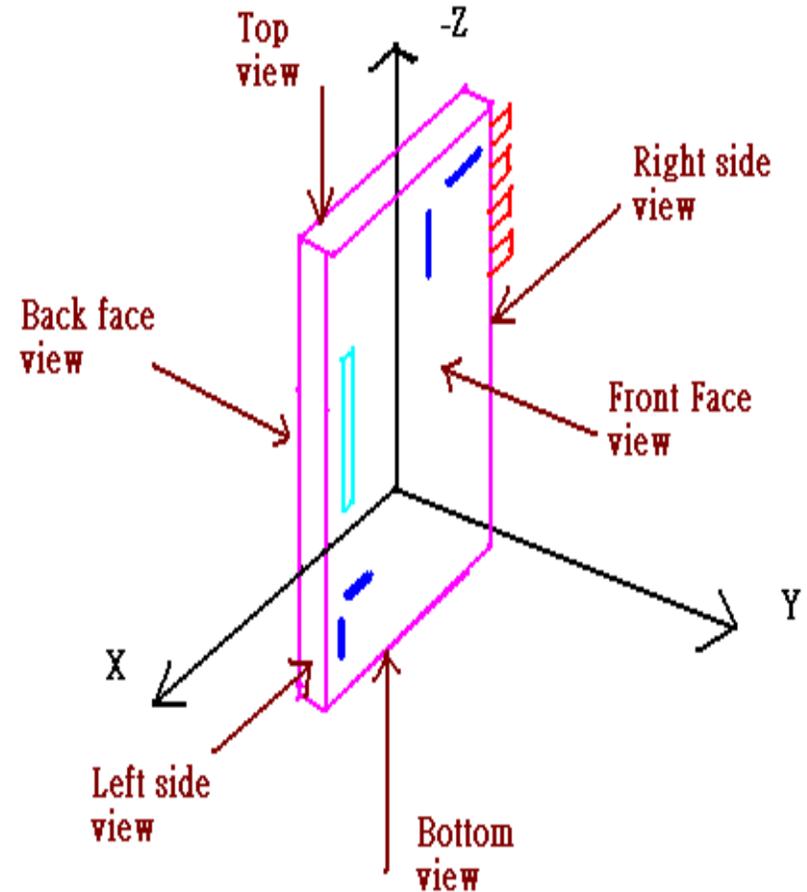
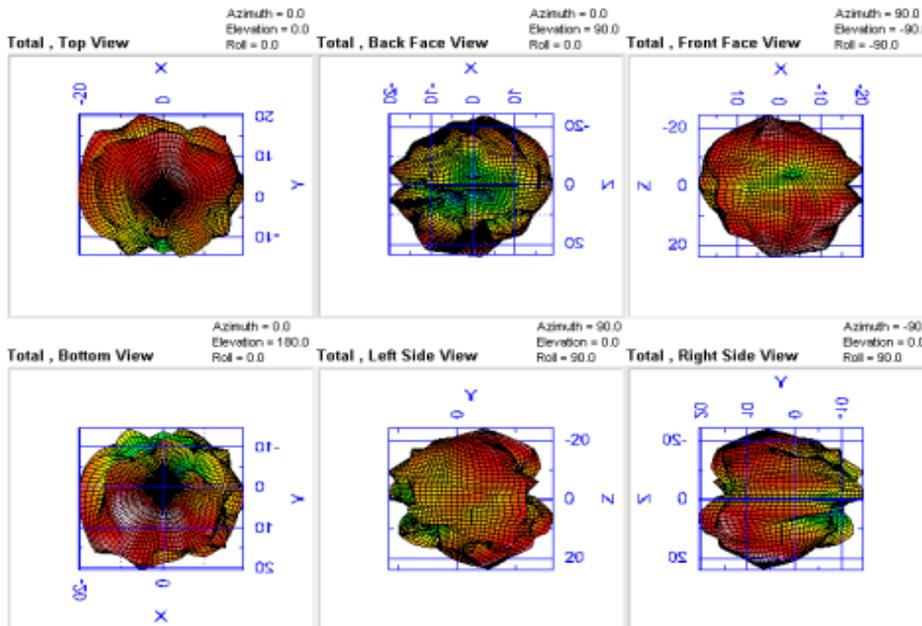
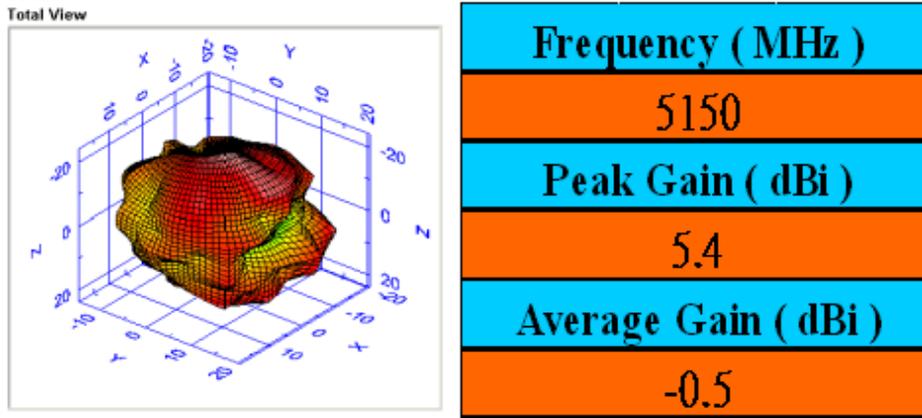




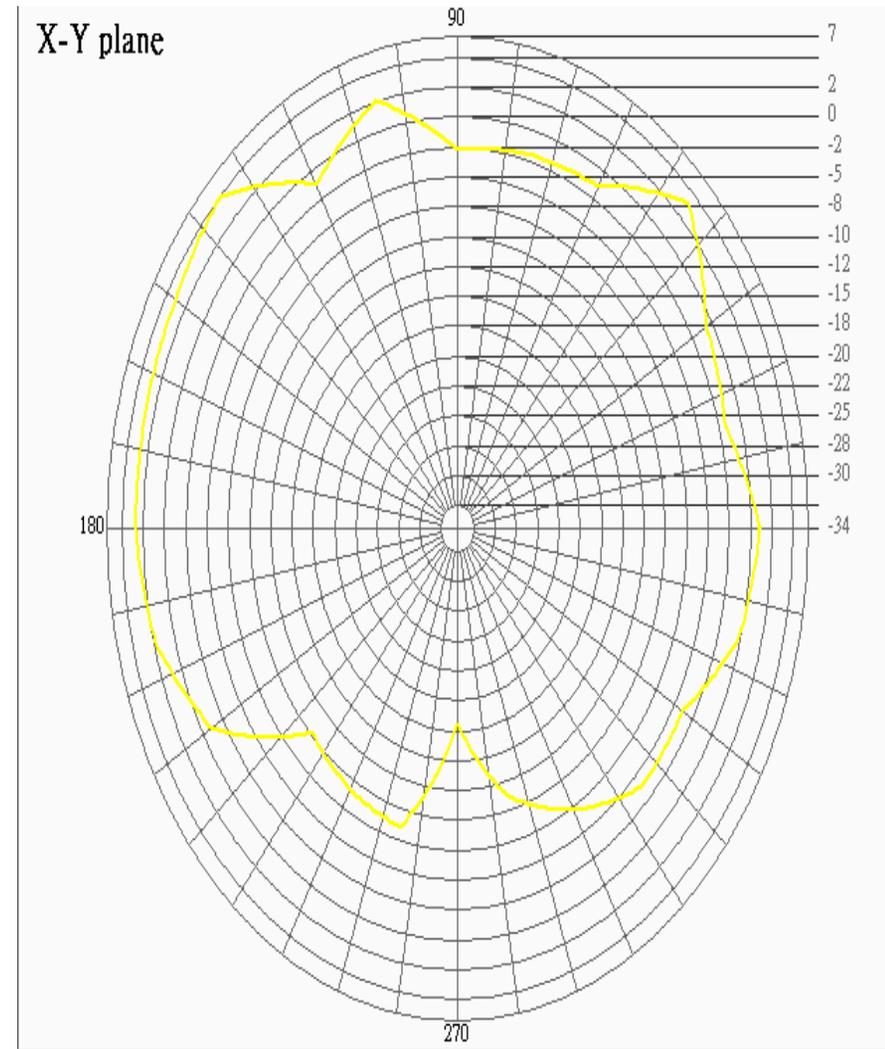
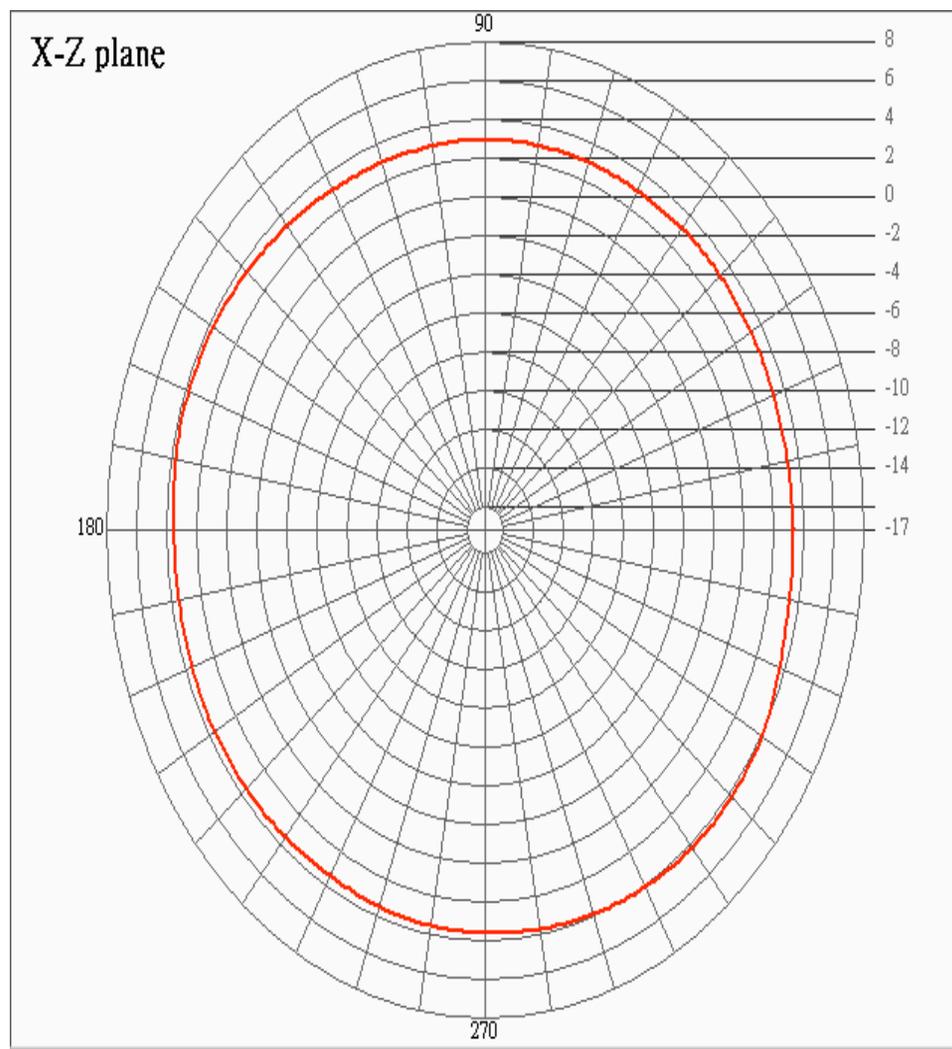
Antenna 2 2.484 GHz 2D - radiation pattern



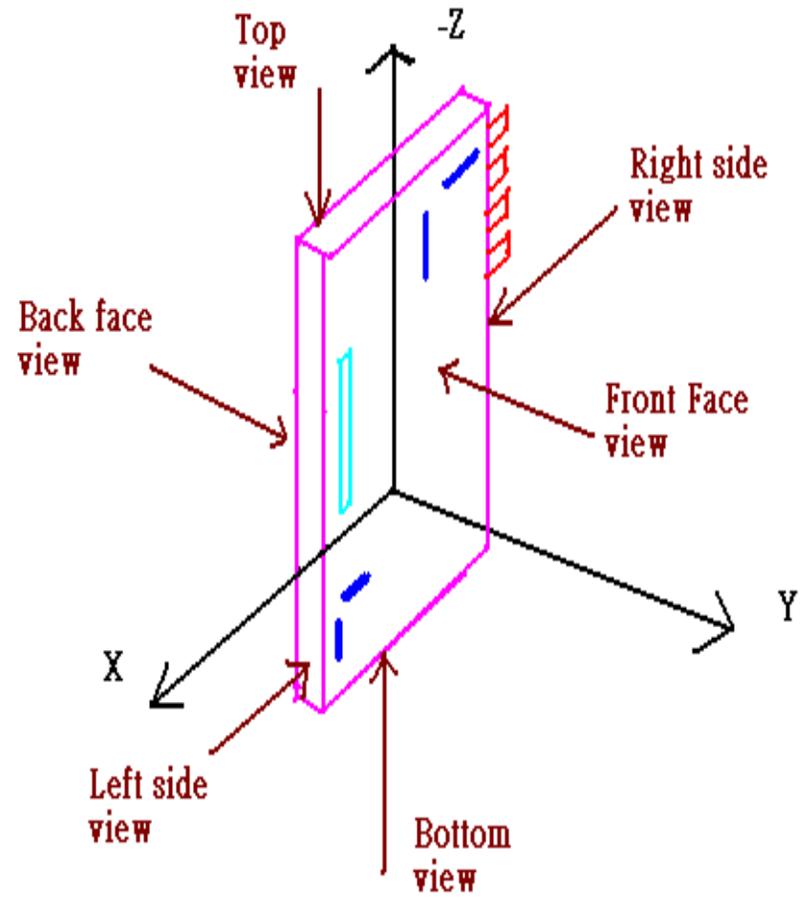
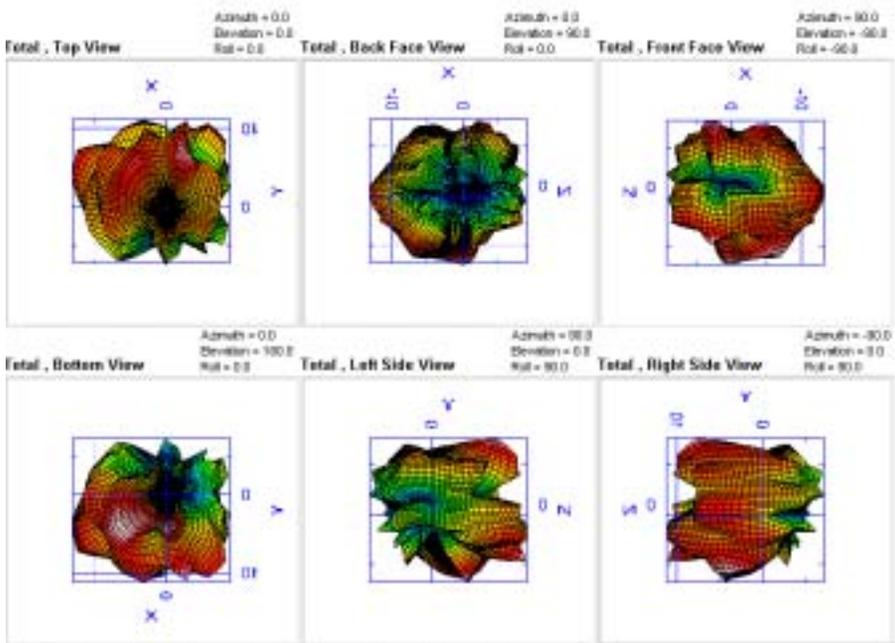
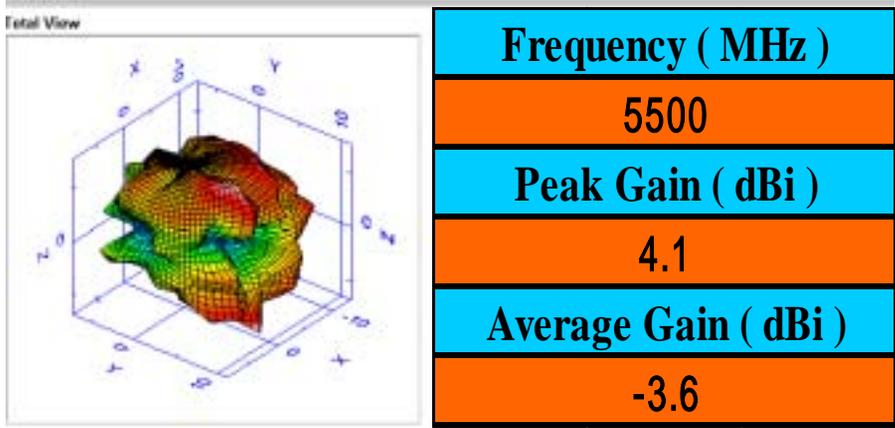
Antenna 3 5.15 GHz 3D - radiation pattern



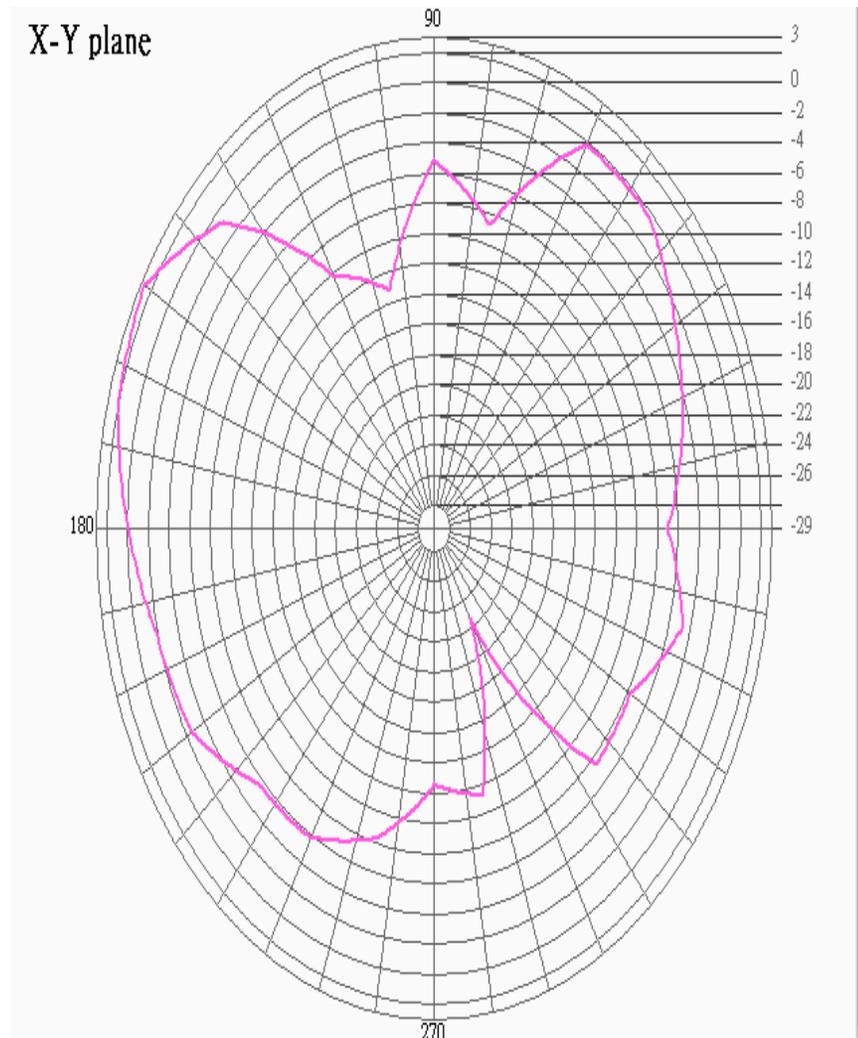
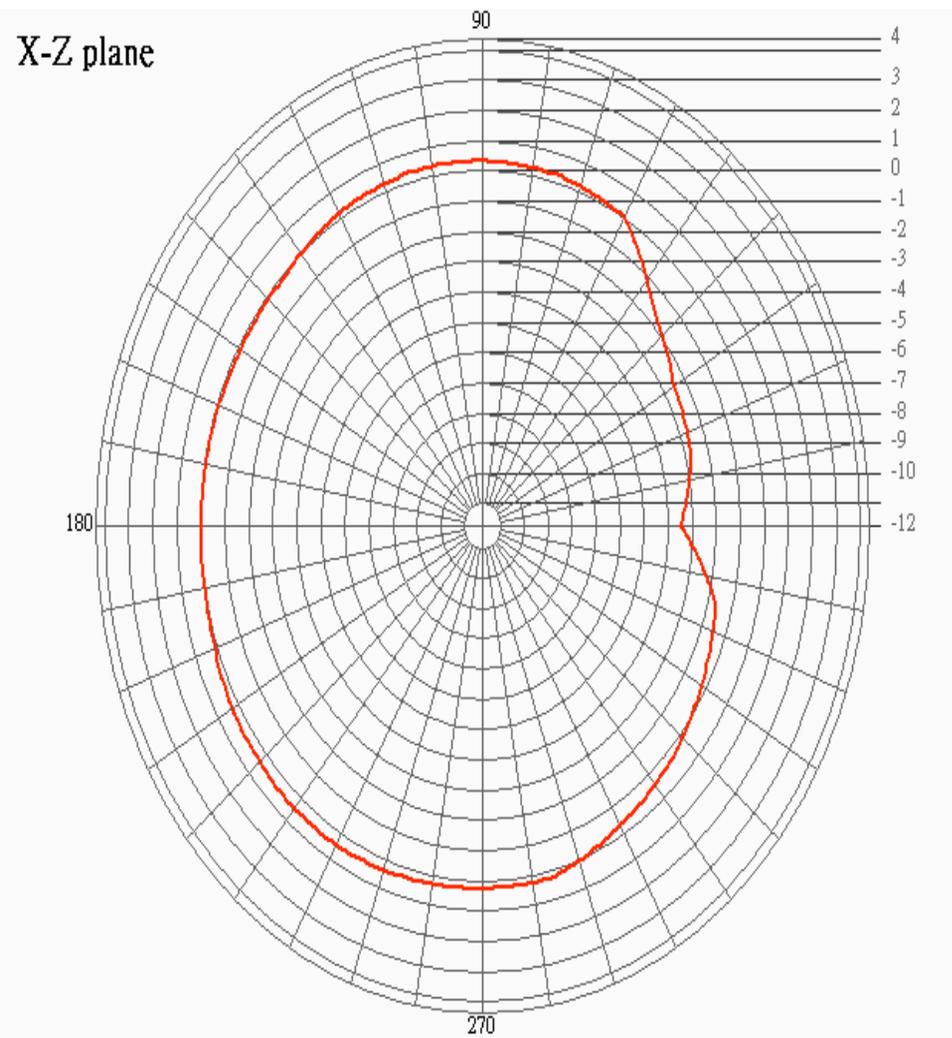
Antenna 3 5.15 GHz 2D - radiation pattern



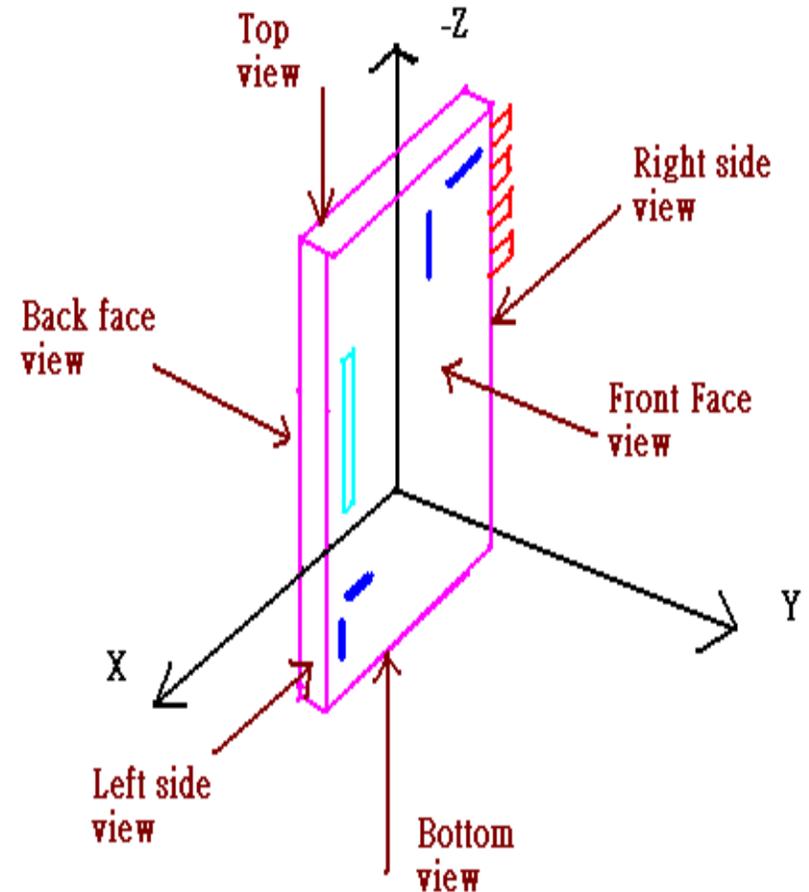
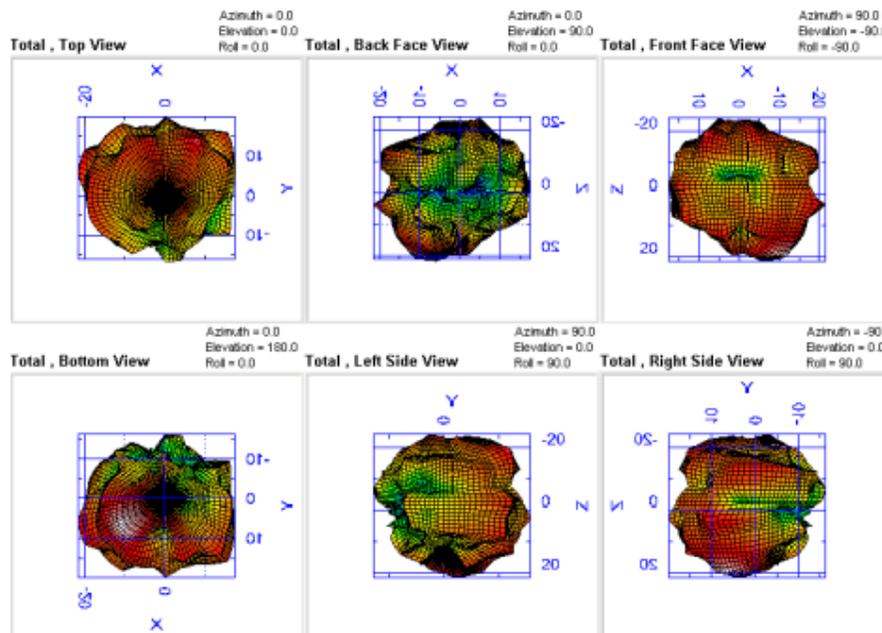
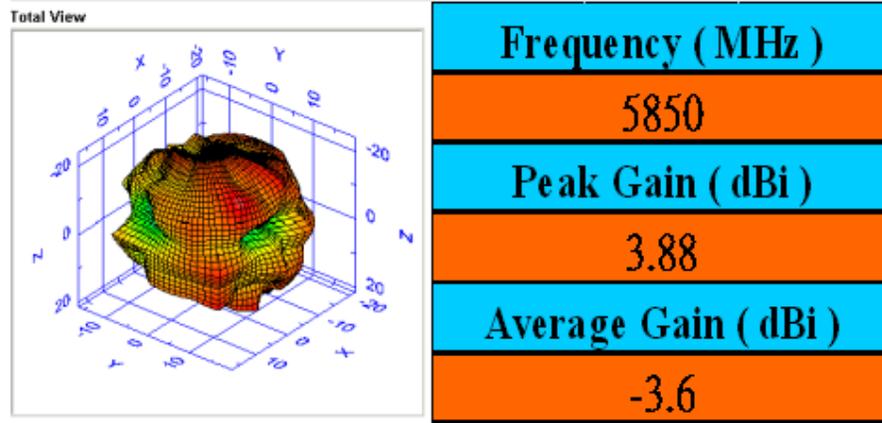
Antenna 3 5.5 GHz 3D - radiation pattern



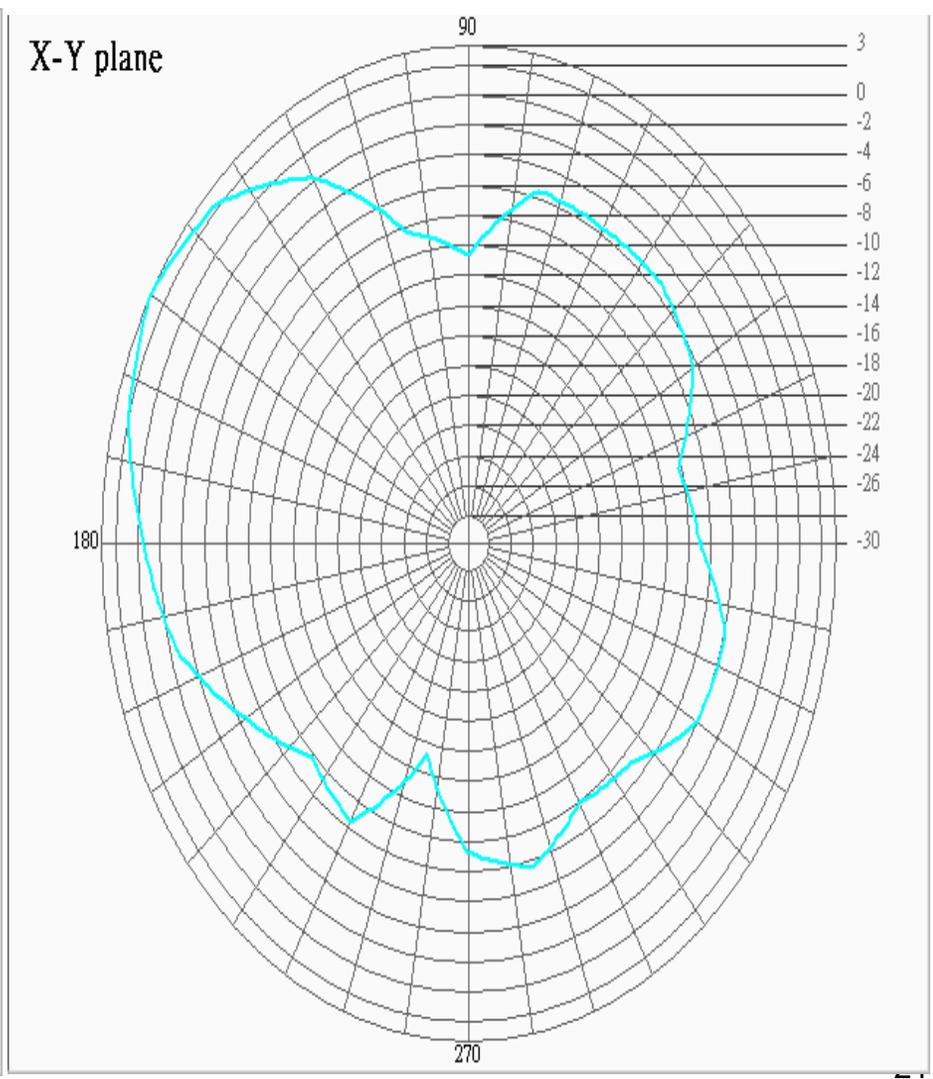
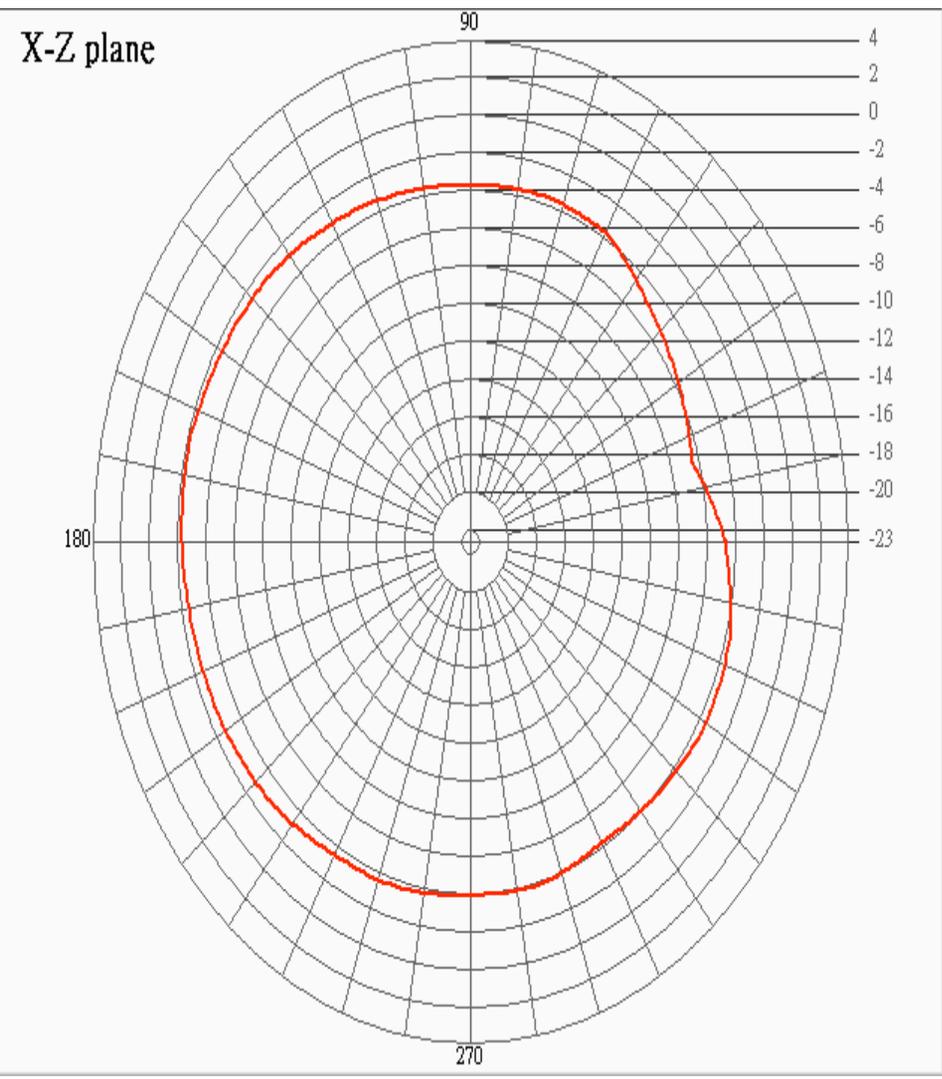
Antenna 3 5.5 GHz 2D - radiation pattern



Antenna 3 5.85 GHz 3D - radiation pattern

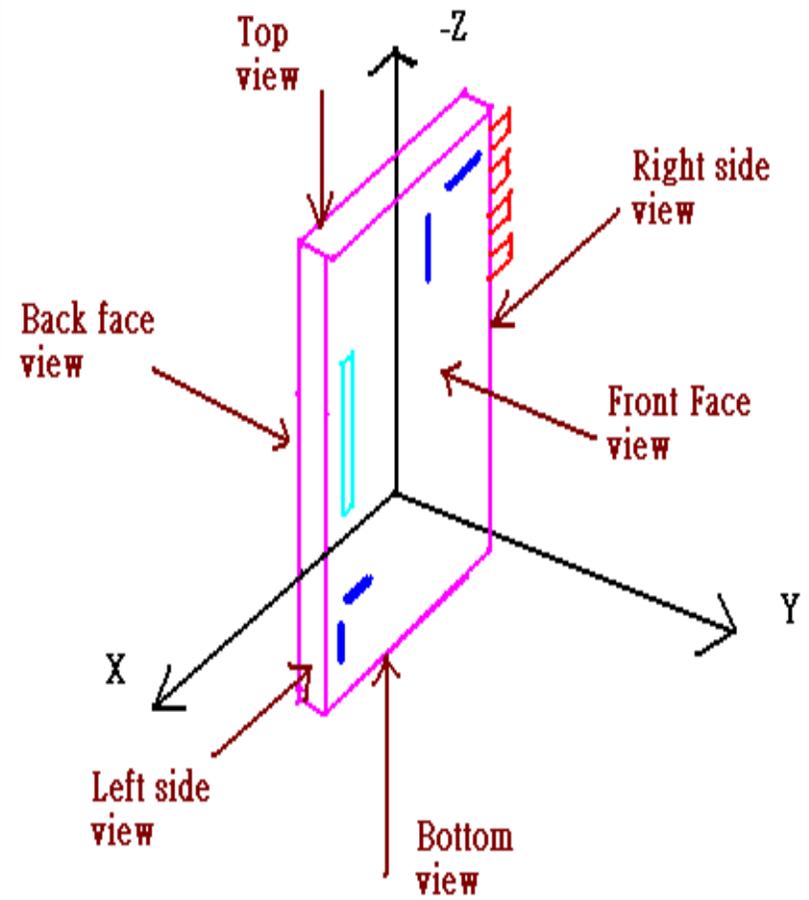
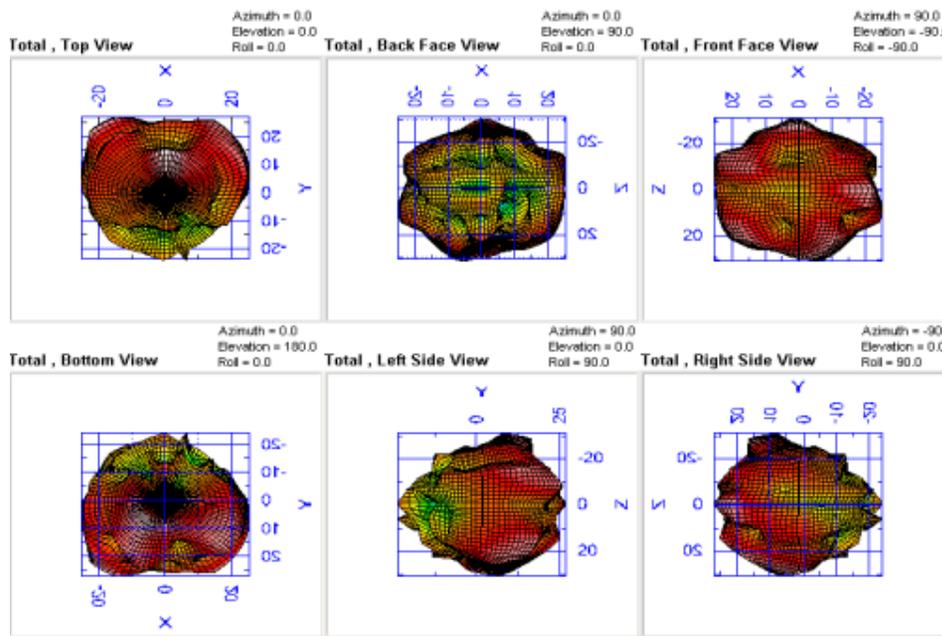
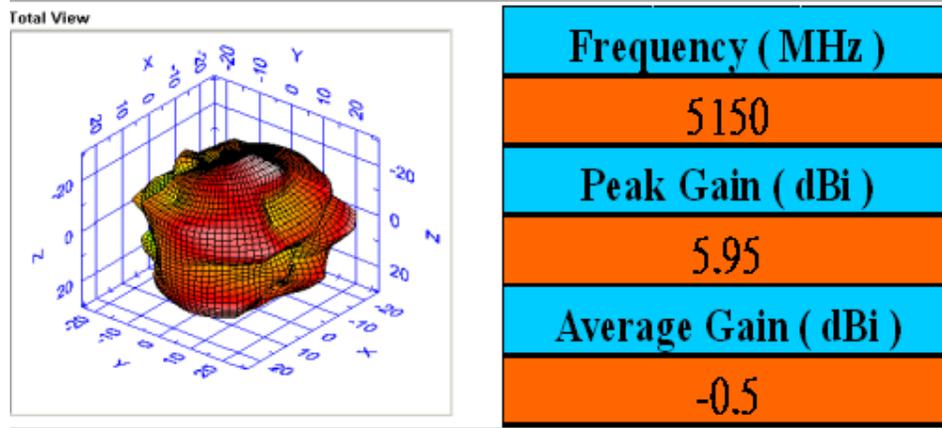


Antenna 3 5.85 GHz 2D - radiation pattern





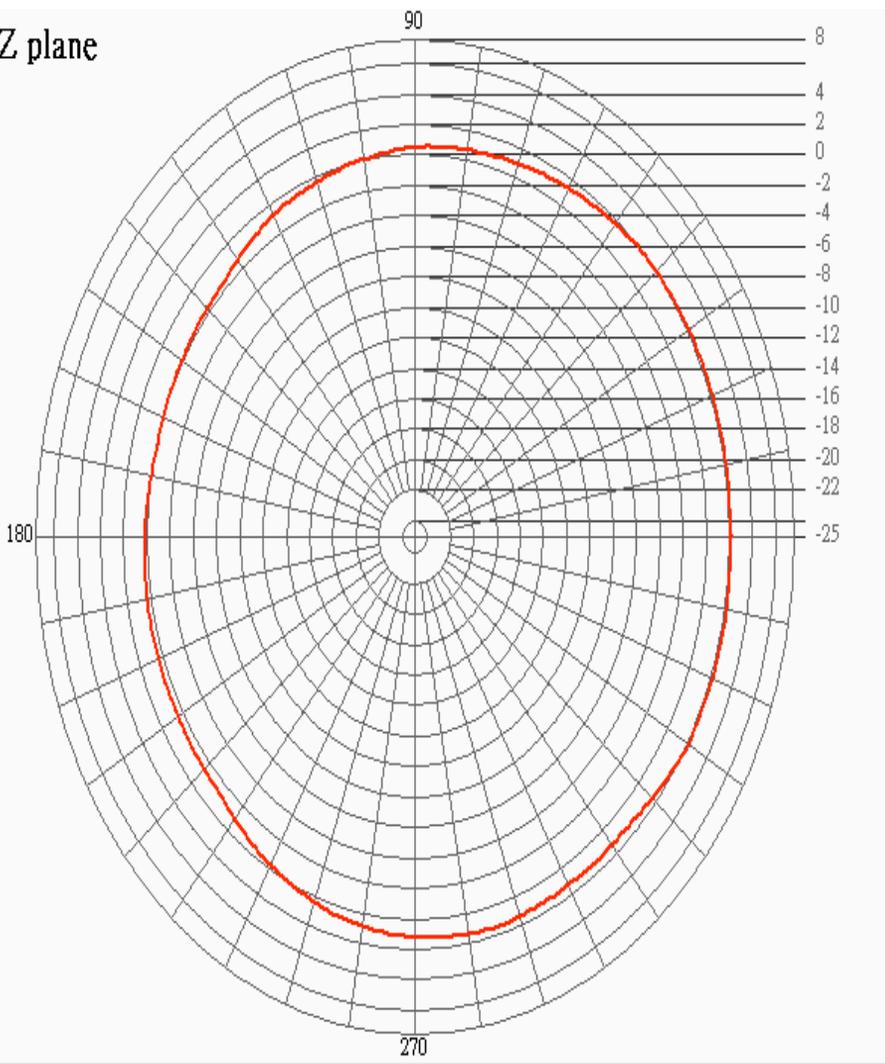
Antenna 4 5.15 GHz 3D - radiation pattern



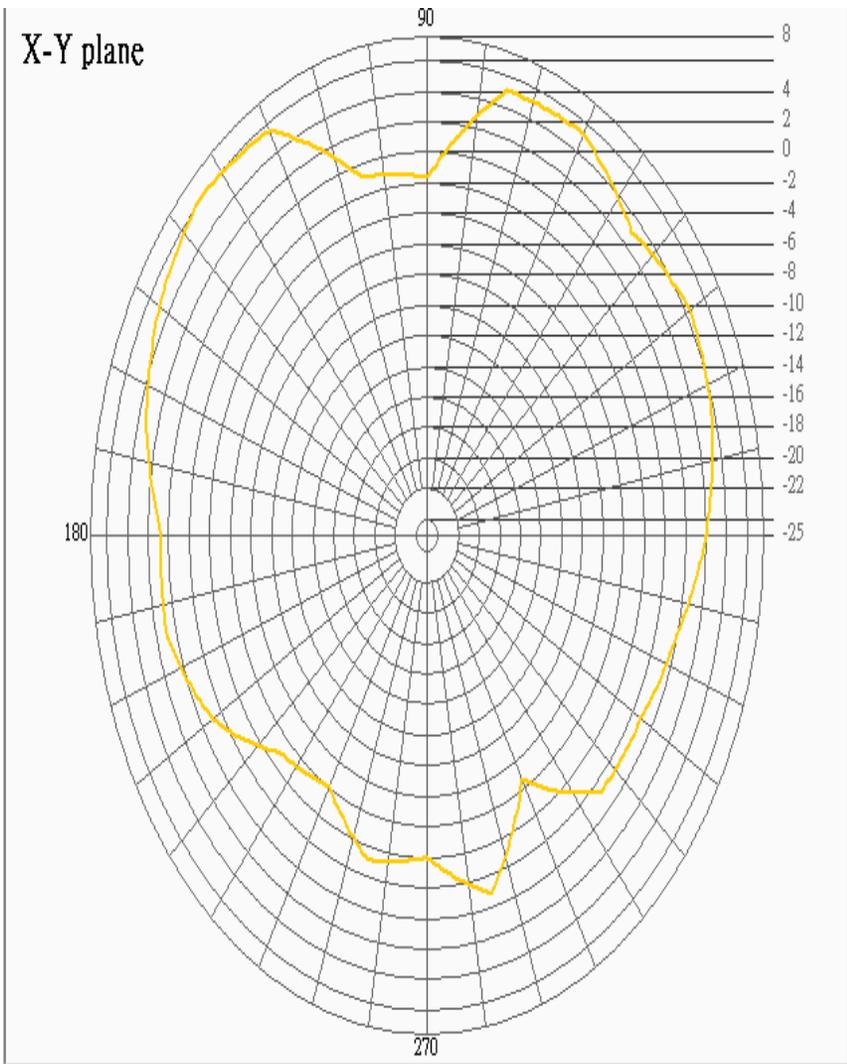
Antenna 4 5.15 GHz 2D - radiation pattern



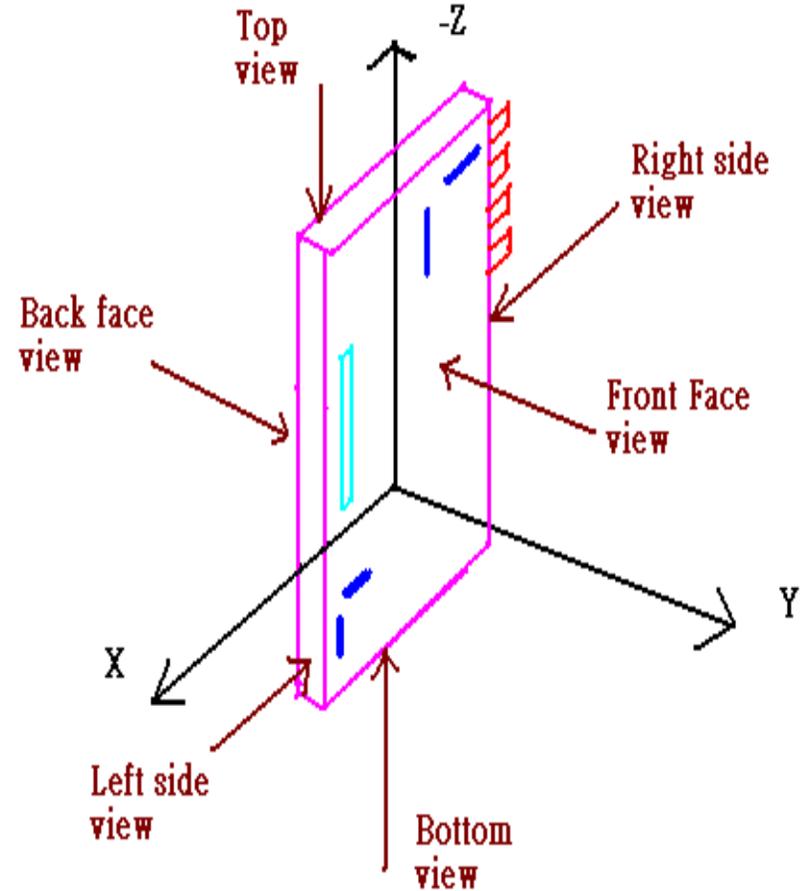
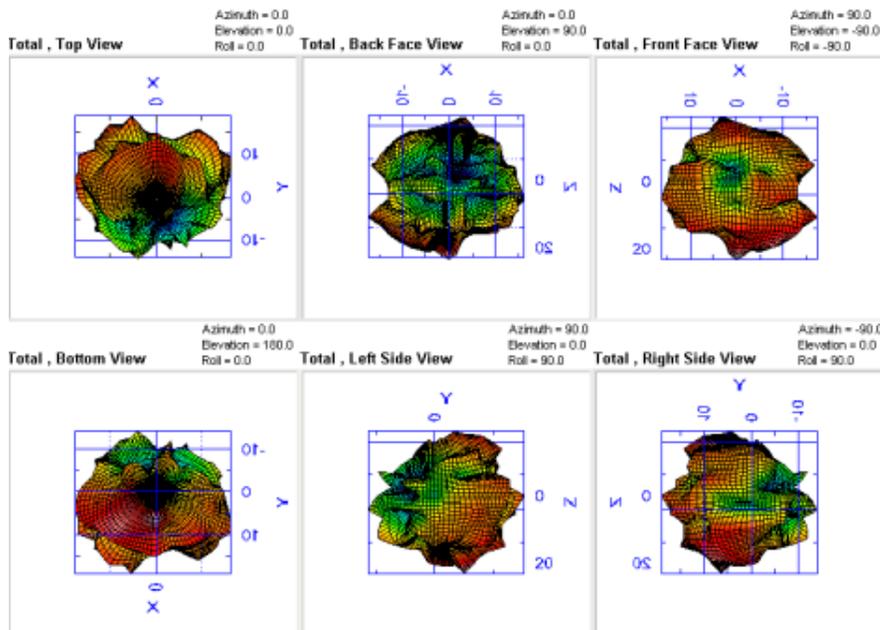
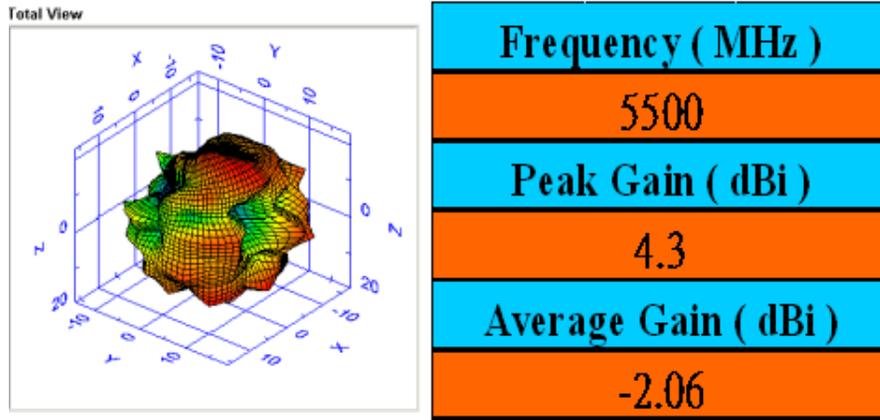
X-Z plane



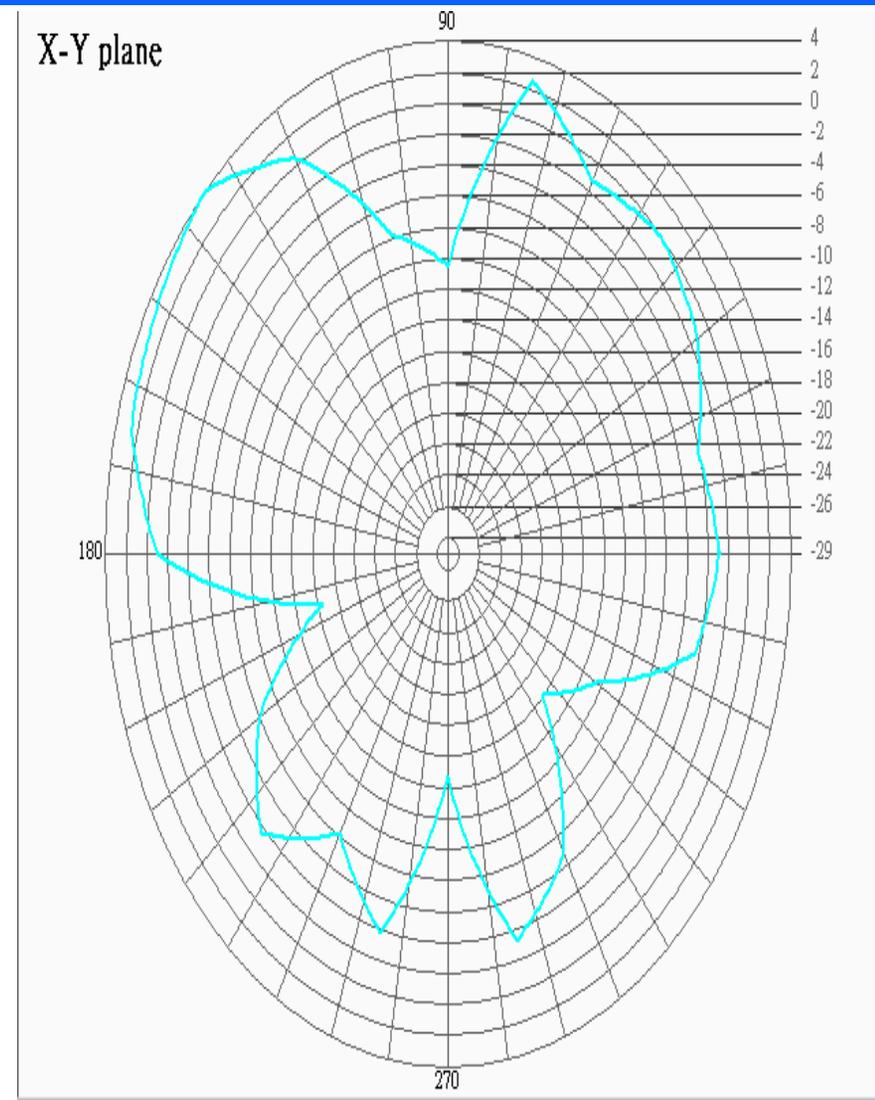
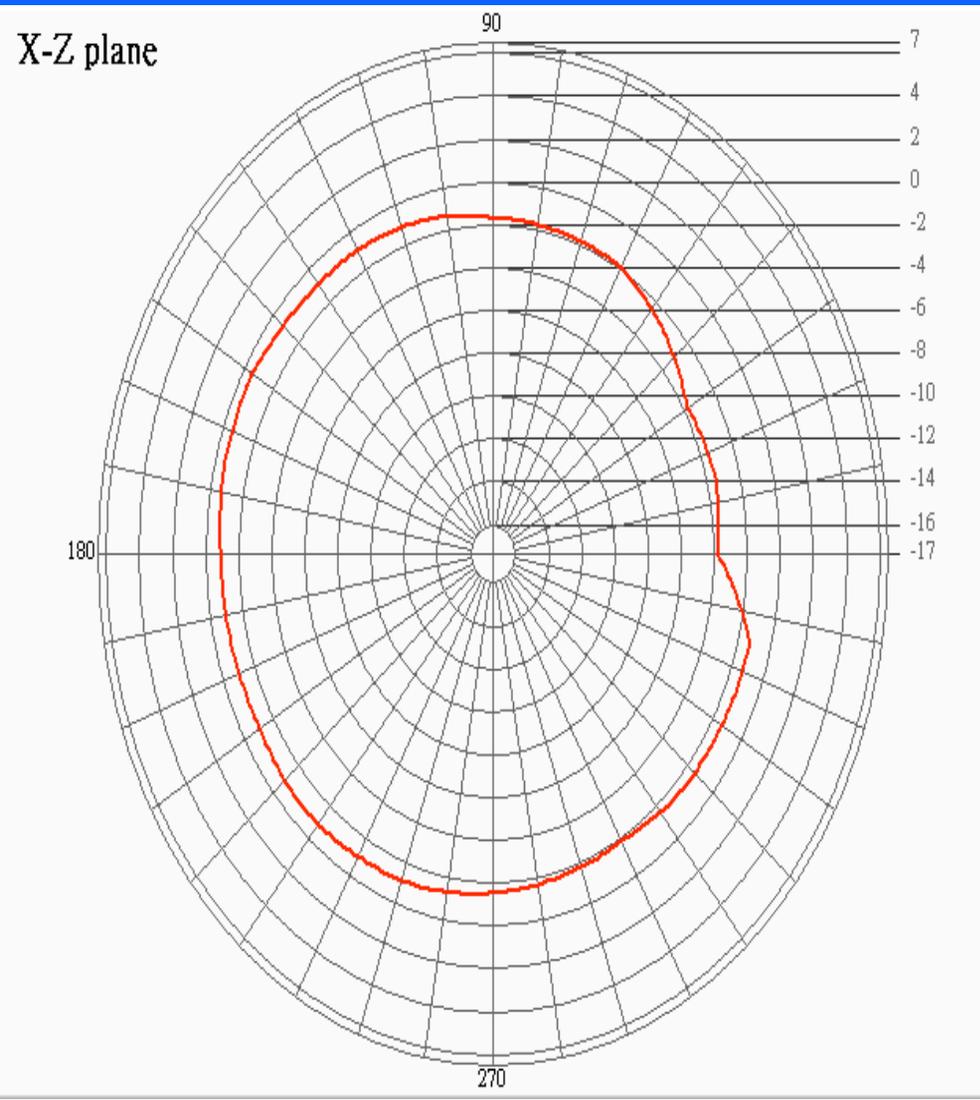
X-Y plane



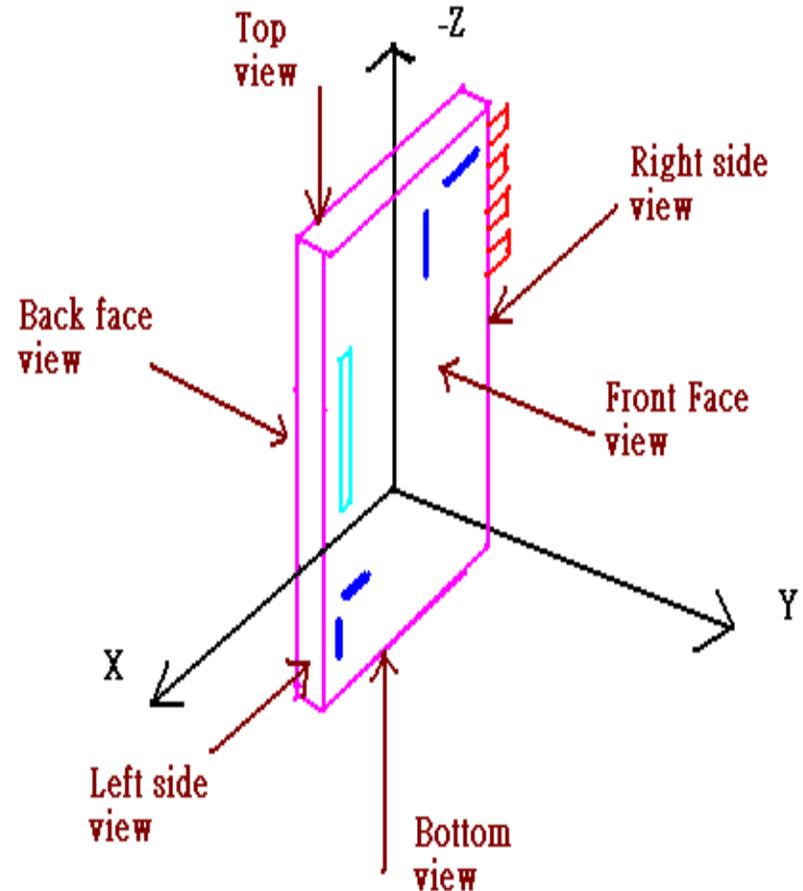
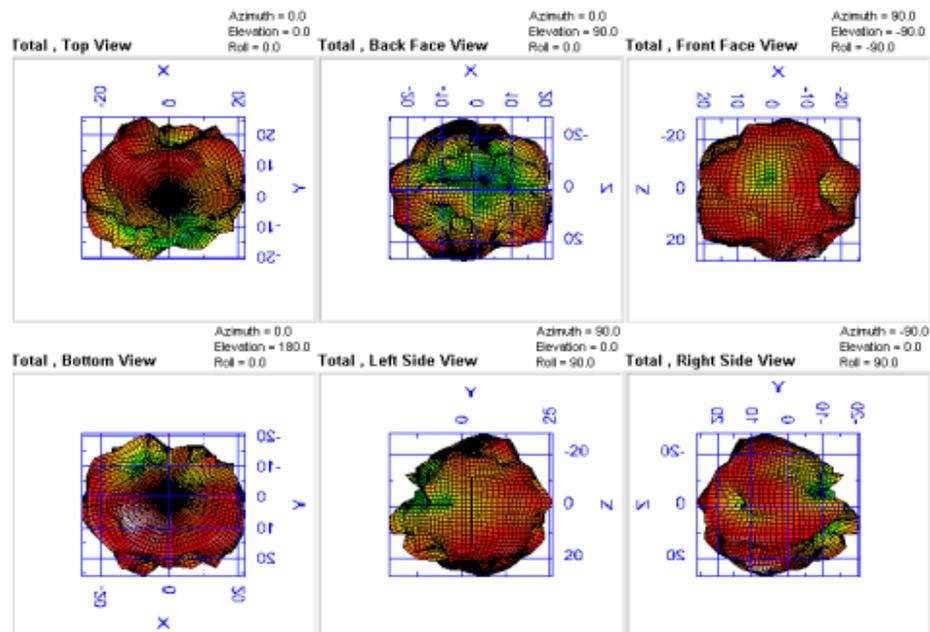
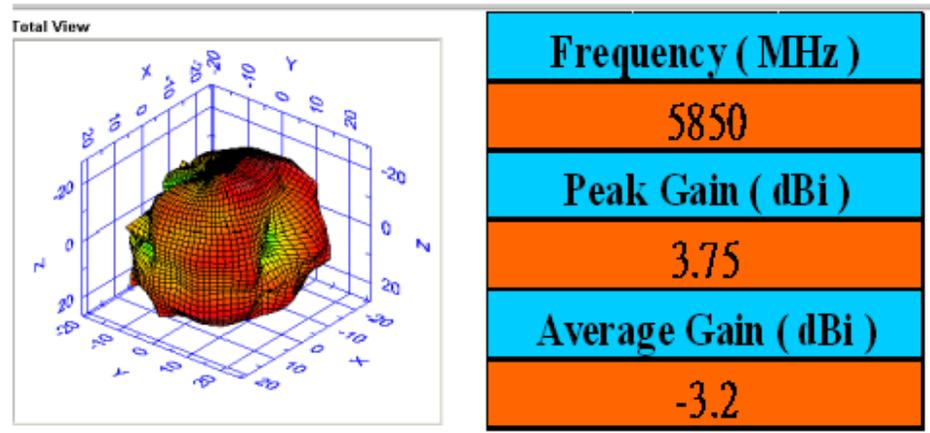
Antenna 4 5.5 GHz 3D - radiation pattern



Antenna 4 5.5 GHz 2D - radiation pattern



Antenna 4 5.85 GHz 3D - radiation pattern



Antenna 4 5.85 GHz 2D - radiation pattern

