



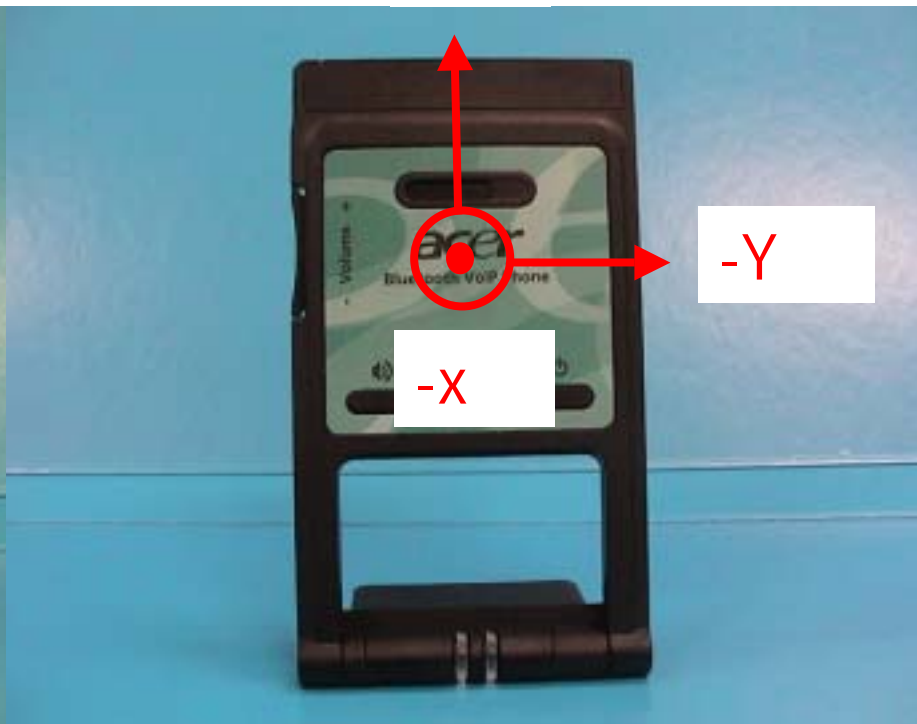
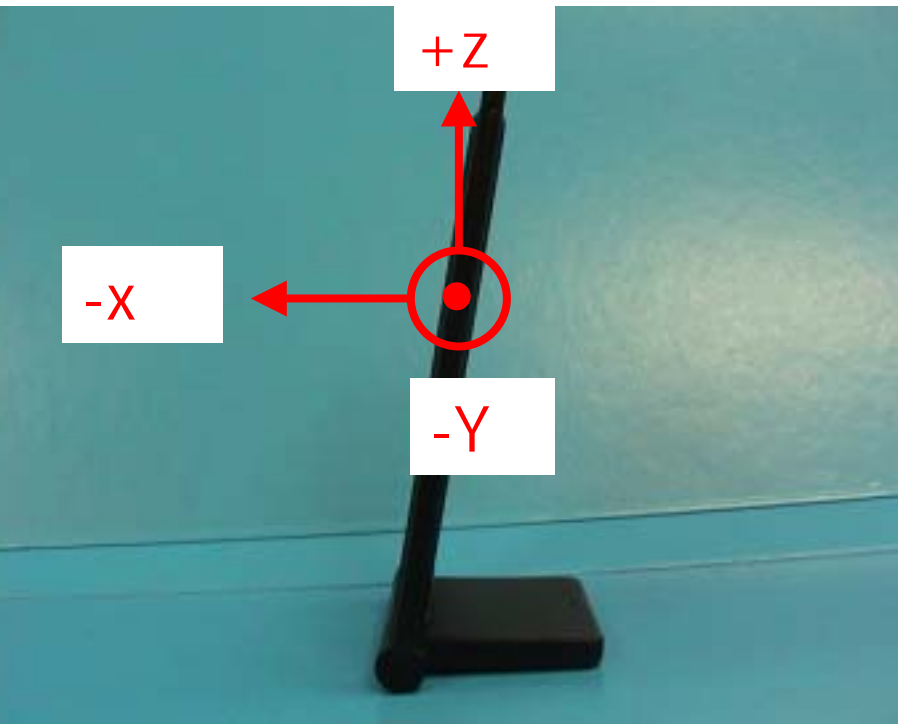
# Antenna Report

---

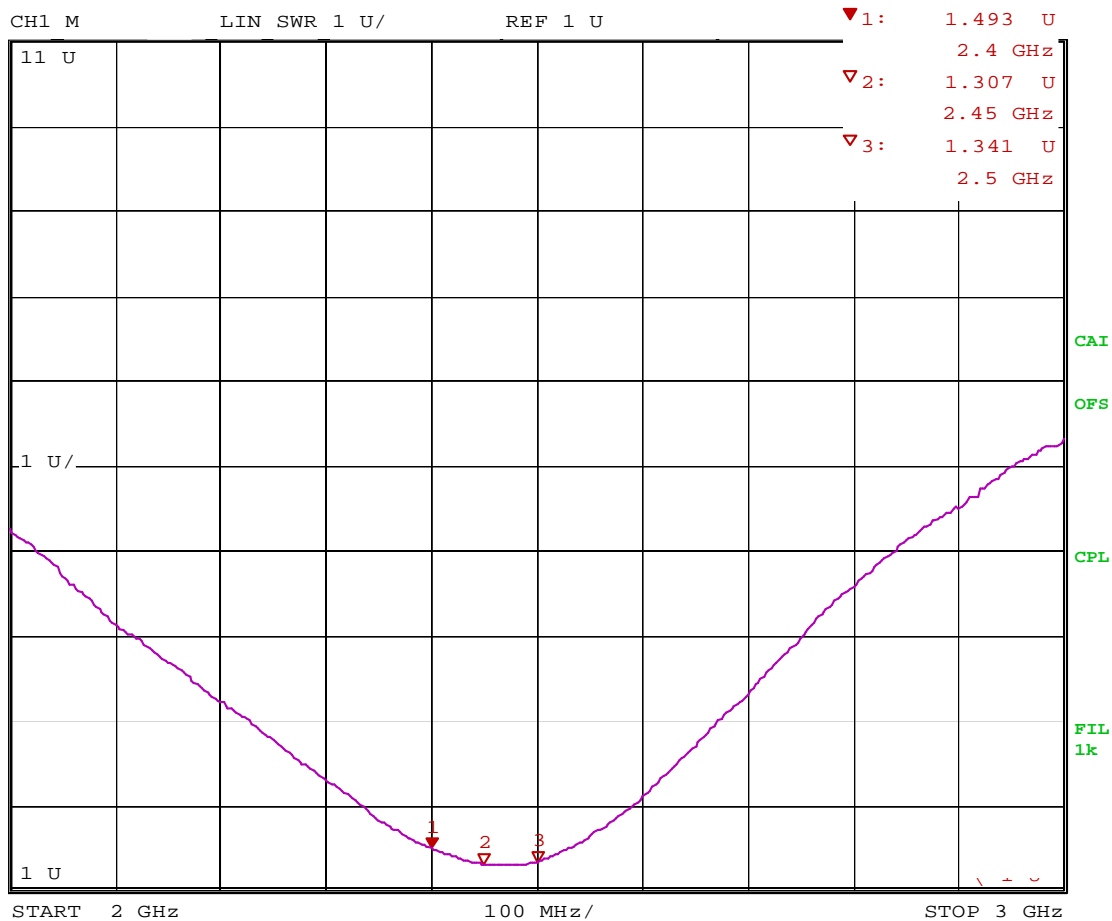
Prepared by Steven Chang

2006/02/21

# Coordinates system

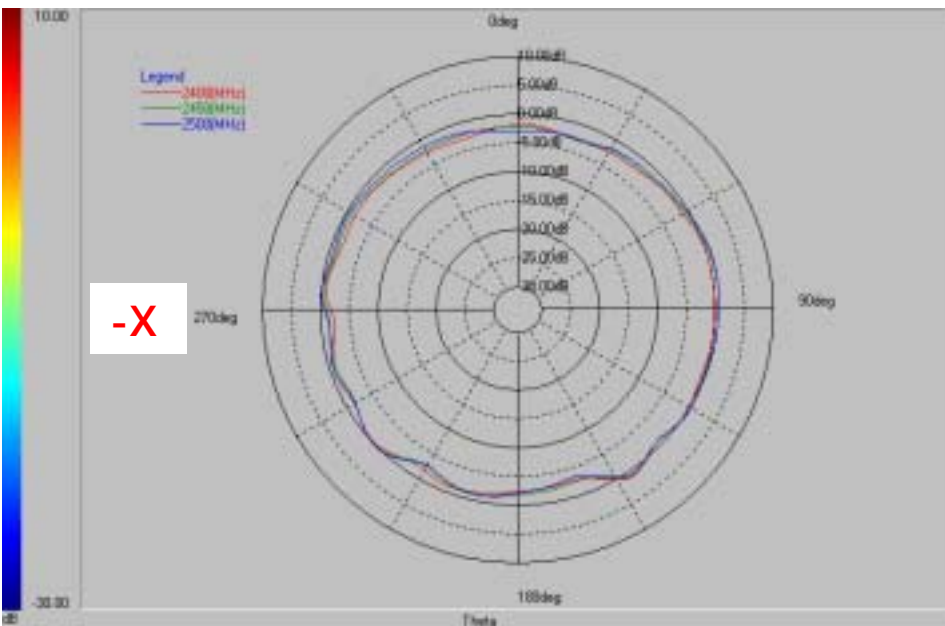


# VSWR



# +Z-X Plane Pattern

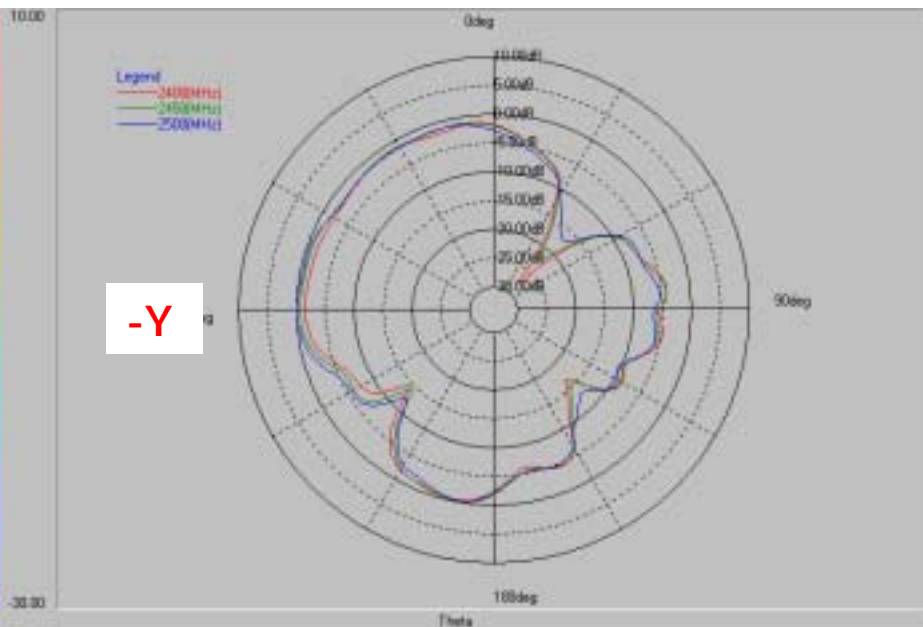
+Z



Layer	Max value	Position	Min value	Position	Average
2400 (MHz)	1.02 dB	147.00 deg	-3.25 dB	-18.02 deg	-1.46 dB
2450 (MHz)	0.77 dB	87.00 deg	-3.16 dB	17.99 deg	-1.19 dB
2500 (MHz)	0.73 dB	78.00 deg	-3.49 dB	162.00 deg	-1.07 dB

# +Z-Y Plane Pattern

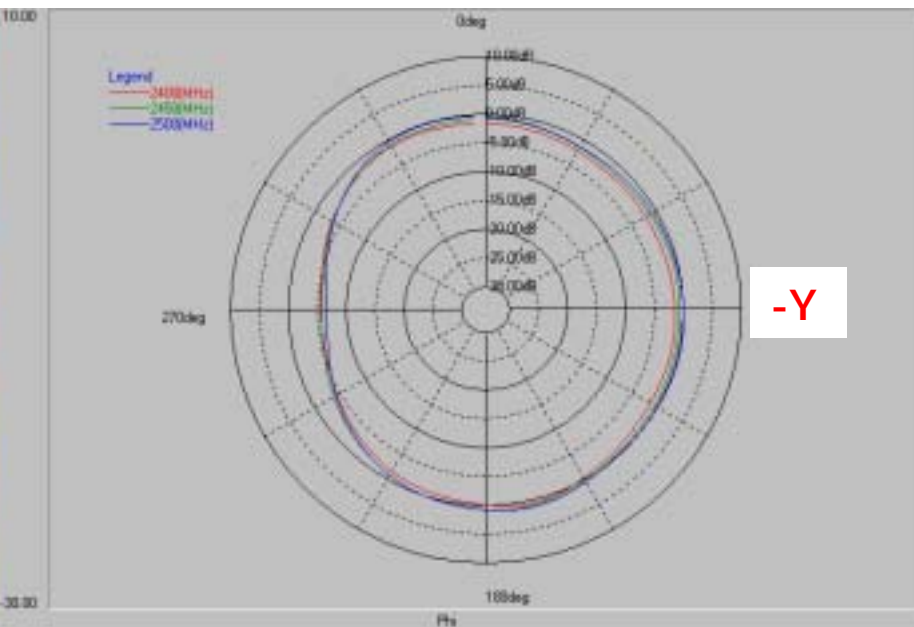
+Z



Layer	Max value	Position	Min value	Position	Average
2400 (MHz)	-0.46 dB	-168.00 deg	-28.08 dB	42.01 deg	-4.90 dB
2450 (MHz)	-0.19 dB	-168.00 deg	-23.36 dB	42.02 deg	-4.58 dB
2500 (MHz)	0.06 dB	-90.00 deg	-17.20 dB	45.01 deg	-4.60 dB

# XY Plane pattern

-X



Layer	Max value	Position	Min value	Position	Average
2400 (MHz)	0.43 dB	167.98 deg	-5.65 dB	266.97 deg	-2.08 dB
2450 (MHz)	0.91 dB	170.99 deg	-5.74 dB	270.01 deg	-1.49 dB
2500 (MHz)	1.13 dB	167.98 deg	-6.47 dB	267.00 deg	-1.25 dB