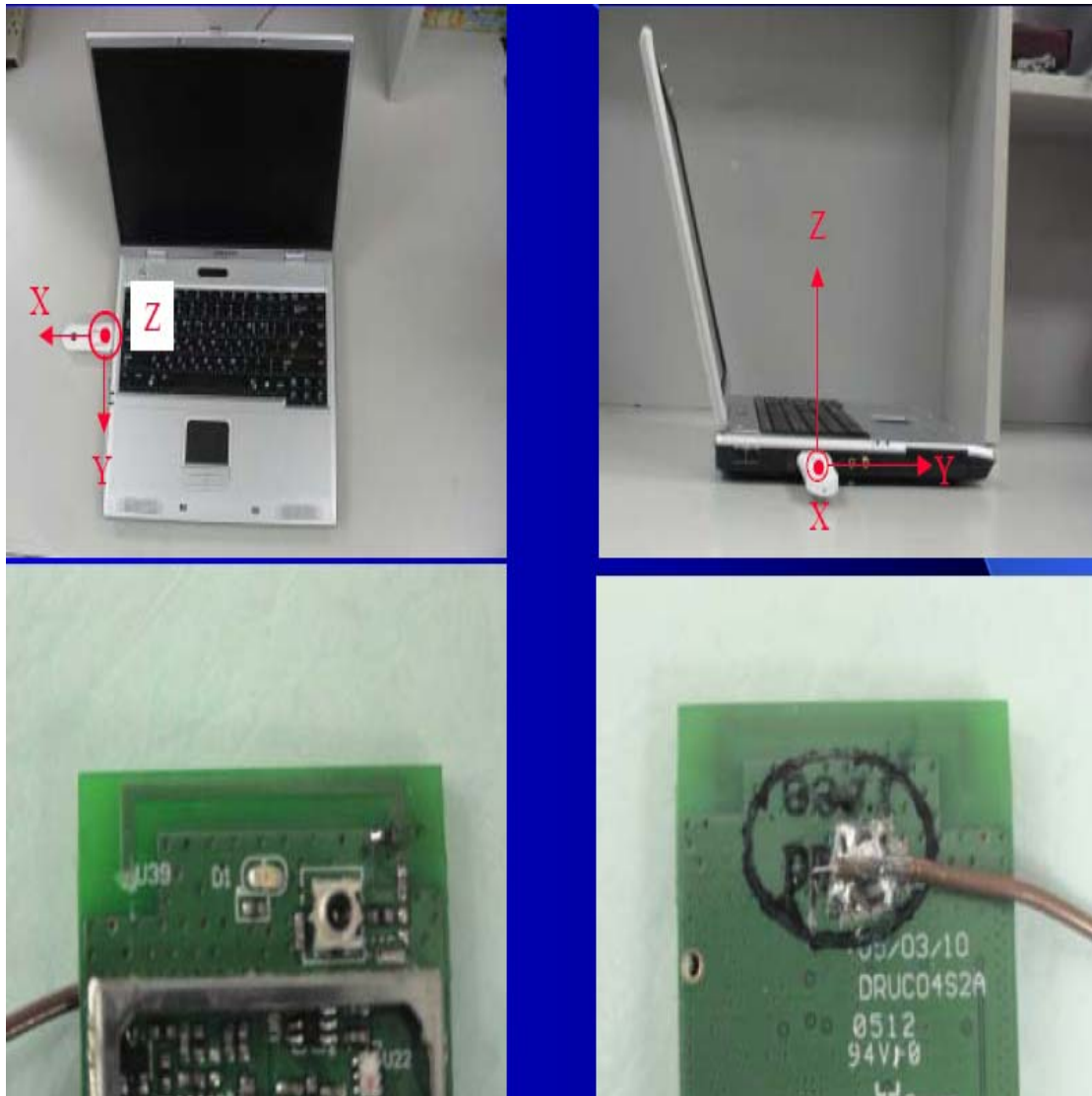


DRUCU3 Antenna Test Report

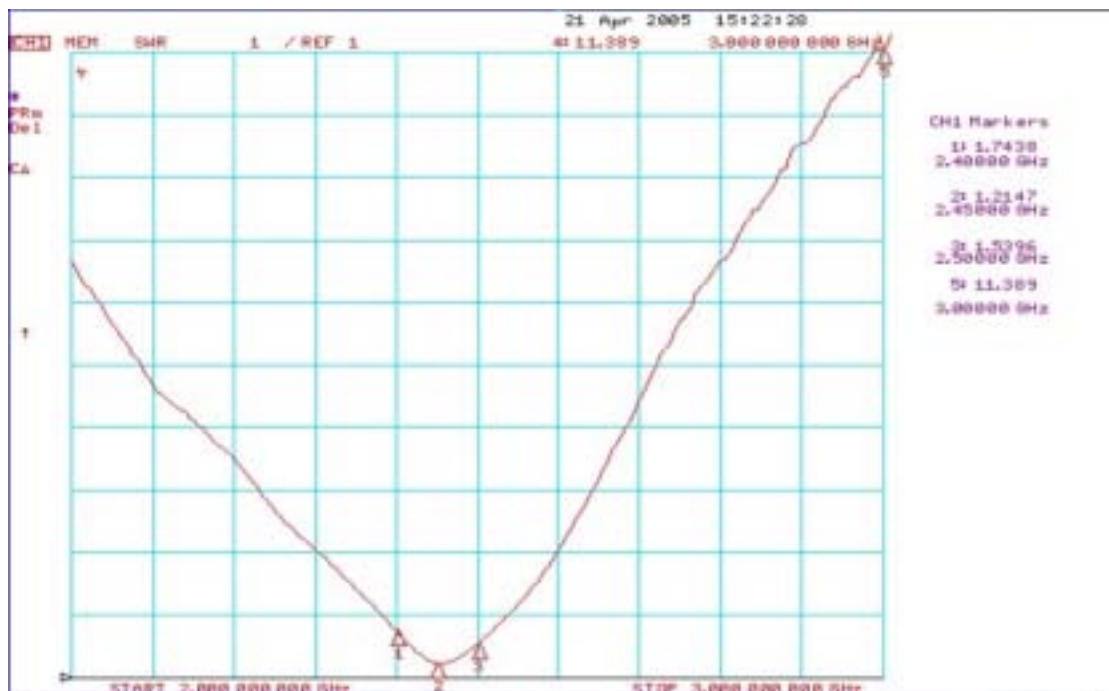
1.1 Antenna Type Description

Main Antenna: Printed Monopole

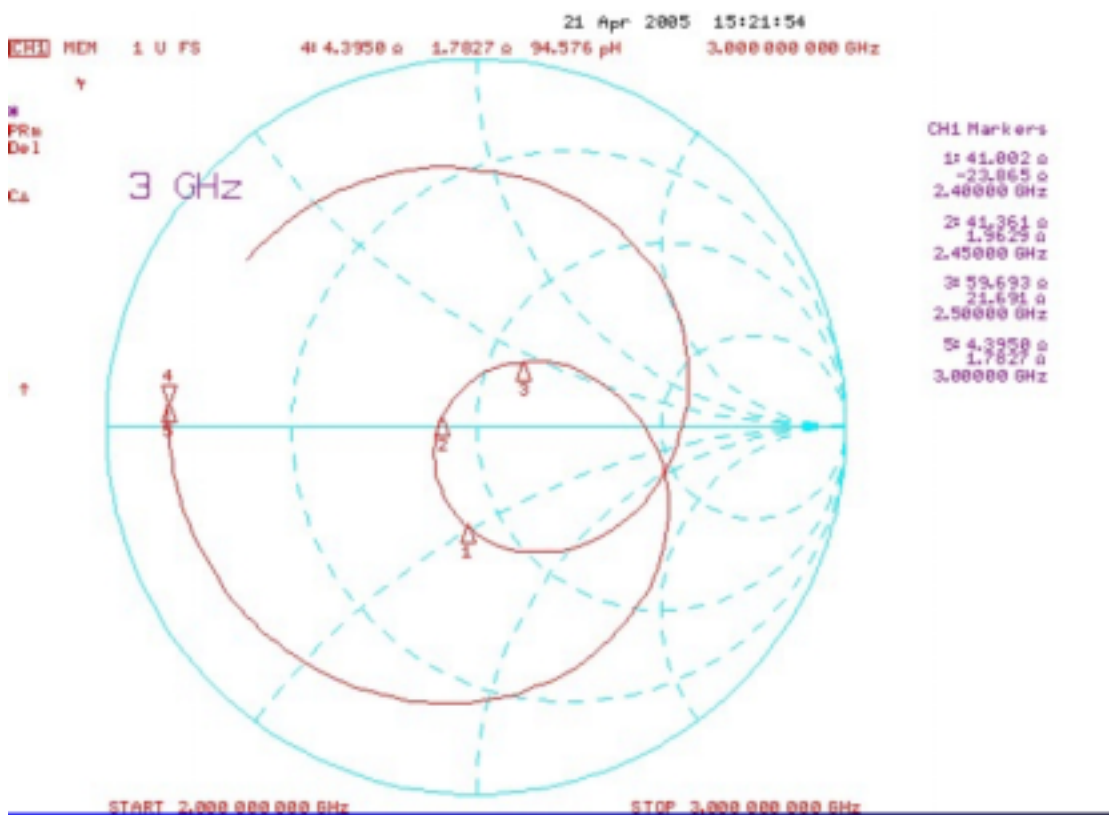
1.2 Testing configuration & coordinate Setup



VSWR:

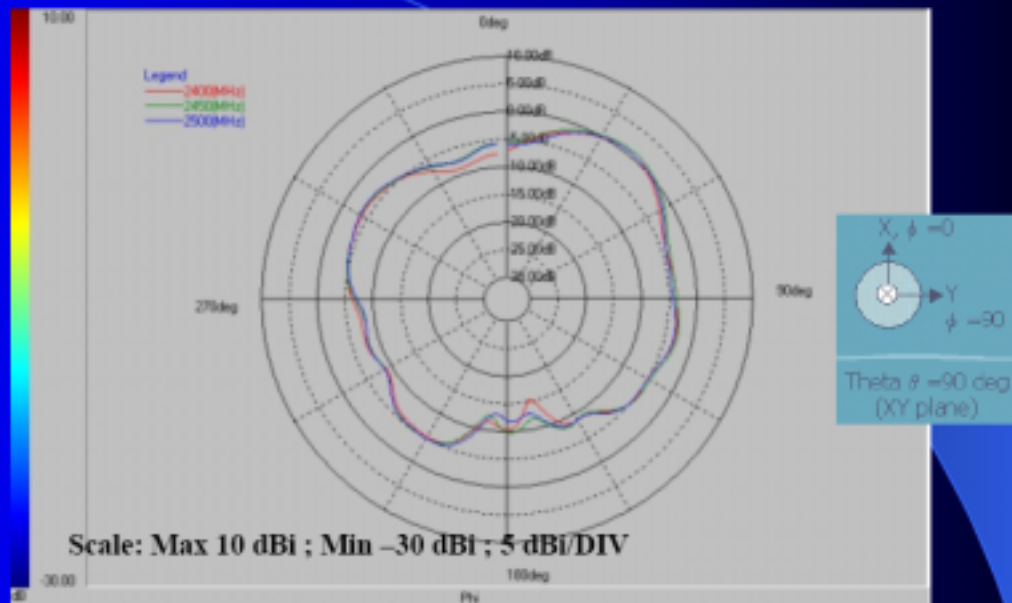


Smith Chart:



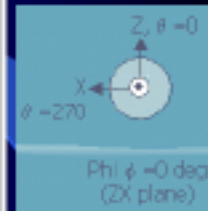
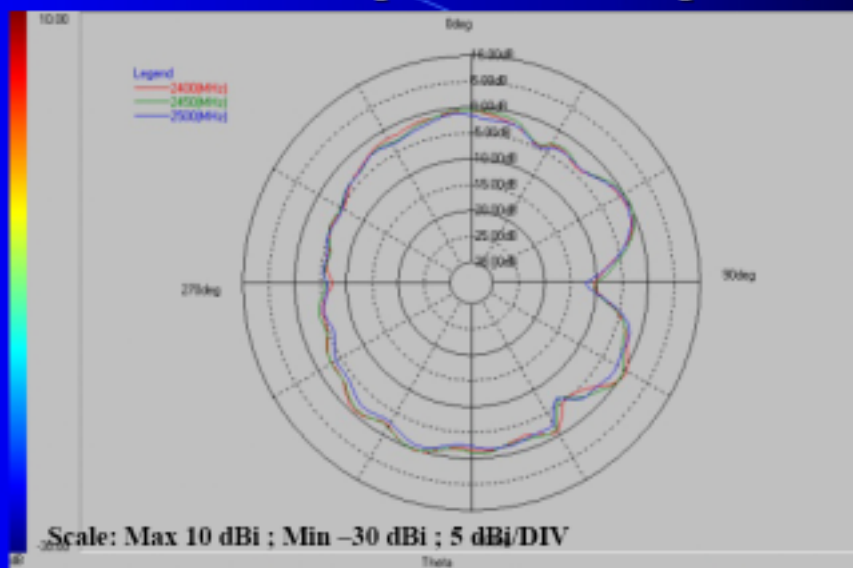
1.3 Radiation Gain Pattern

Antenna radiation pattern on XY plane , E-total



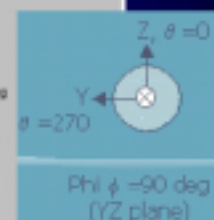
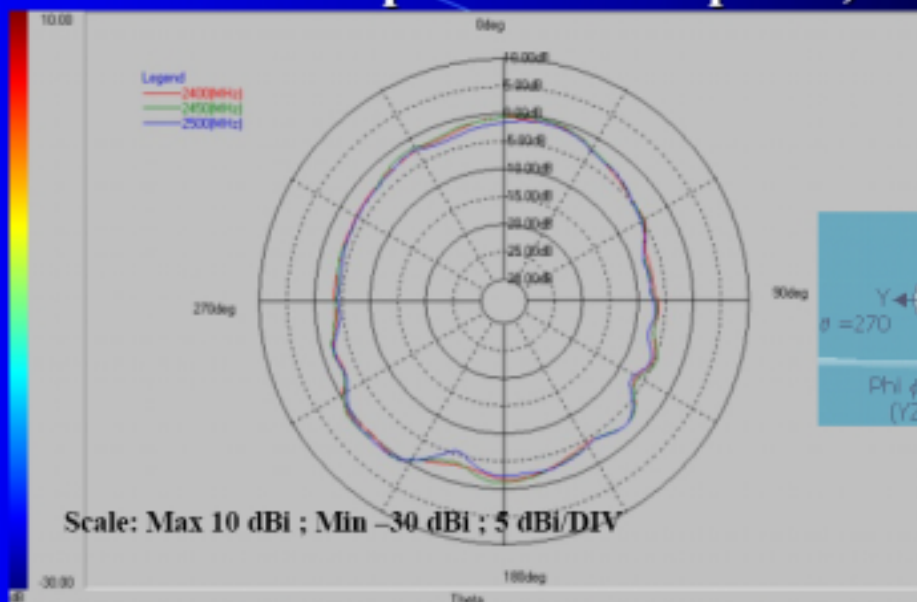
Layer	Max value	Position	Min value	Position	Average	Standard deviation
2400 (MHz)	0.34 dB	39.03 deg	-15.46 dB	167.96 deg	-5.36 dB	-38.48
2450 (MHz)	0.80 dB	42.01 deg	-12.94 dB	168.98 deg	-4.97 dB	-33.55
2500 (MHz)	0.37 dB	41.97 deg	-13.40 dB	166.01 deg	-5.22 dB	-36.73

Antenna radiation pattern on ZX plane , E-total



Layer	Max value	Position	Min value	Position	Average
2400 (MHz)	0.40 dB	120.00 deg	-10.42 dB	90.01 deg	-2.00 dB
2450 (MHz)	0.22 dB	123.00 deg	-10.47 dB	92.99 deg	-2.74 dB
2500 (MHz)	-0.52 dB	83.00 deg	-12.11 dB	90.01 deg	-3.34 dB

Antenna radiation pattern on YZ plane , E-total



Layer	Max value	Position	Min value	Position	Average
2400 (MHz)	0.59 dB	-126.00 deg	-7.16 dB	74.95 deg	-3.03 dB
2450 (MHz)	0.92 dB	-129.00 deg	-7.72 dB	72.02 deg	-2.88 dB
2500 (MHz)	0.49 dB	-141.00 deg	-7.95 dB	75.02 deg	-3.37 dB