

# DRUCU3 Antenna Test Report

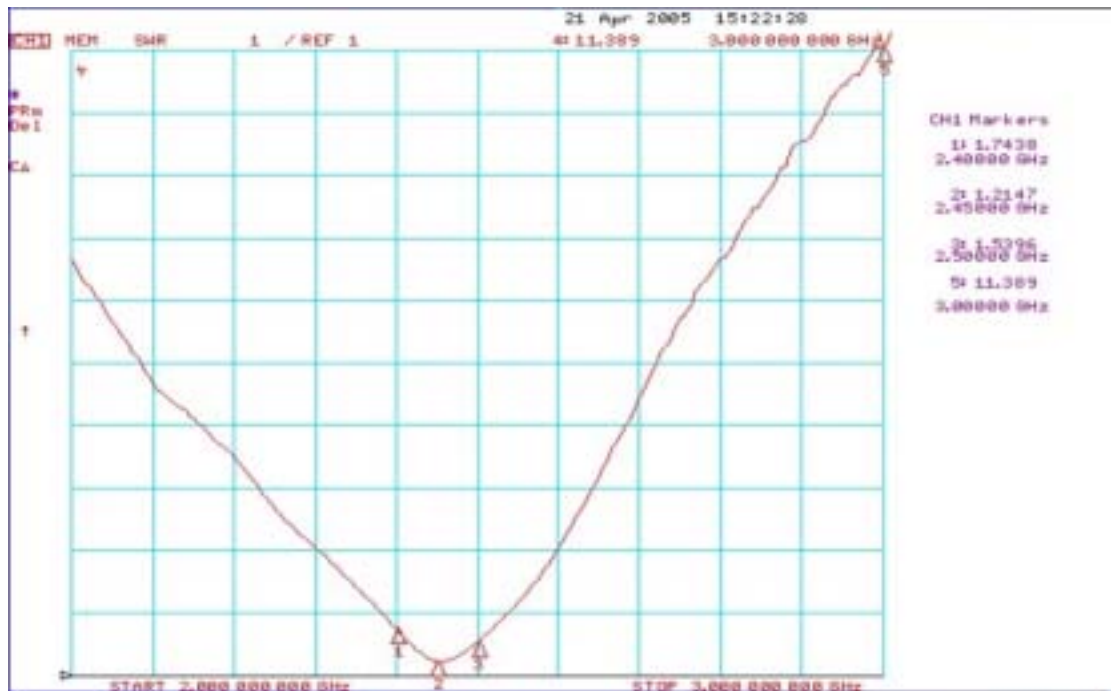
## 1.1 Antenna Type Description

Main Antenna: Printed Monopole

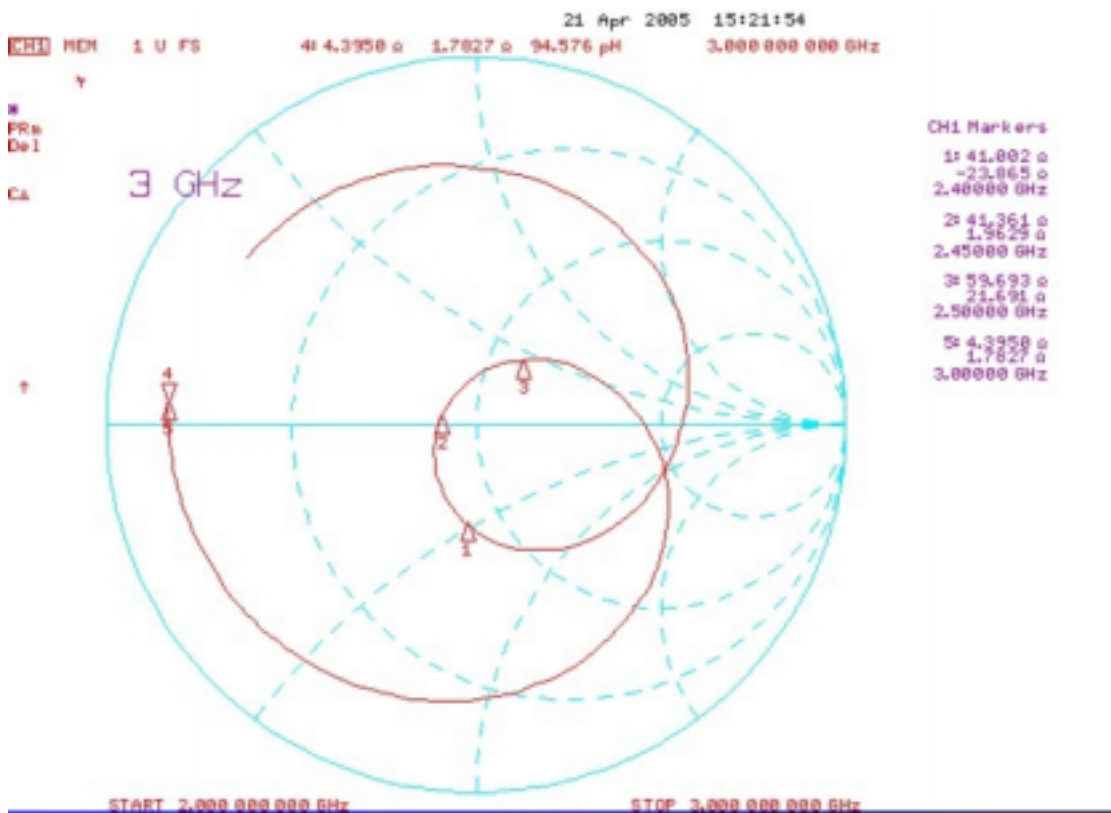
## 1.2 Testing configuration & coordinate Setup



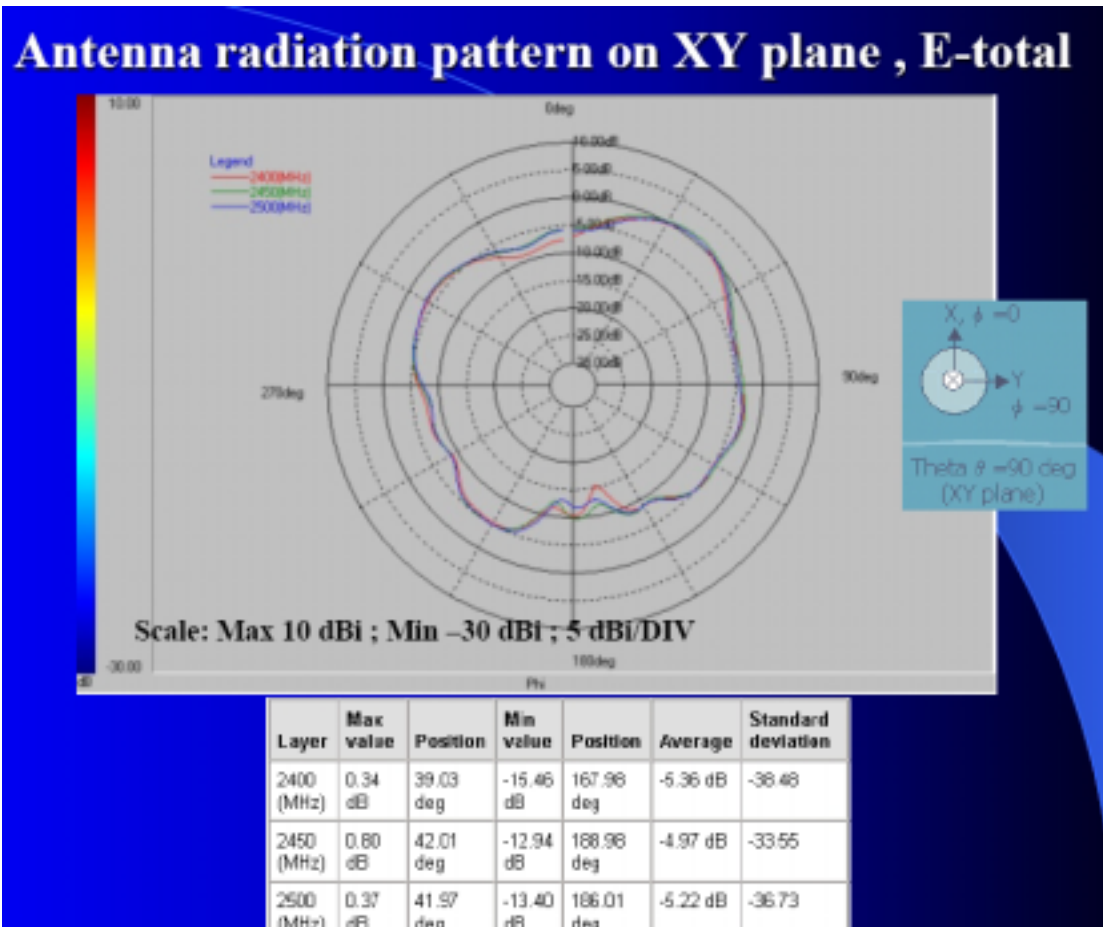
**VSWR:**



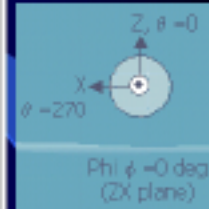
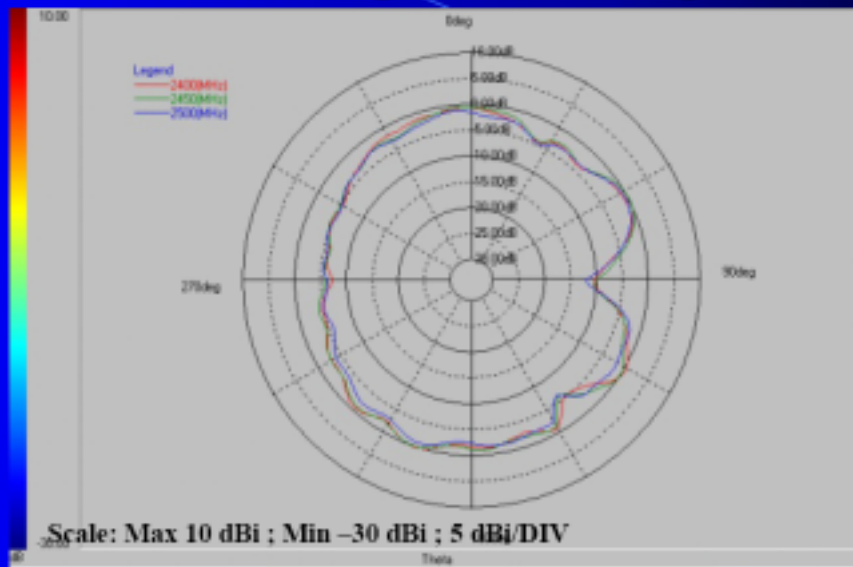
**Smith Chart:**



### 1.3 Radiation Gain Pattern

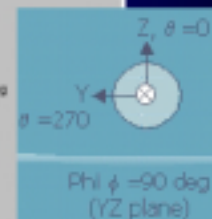
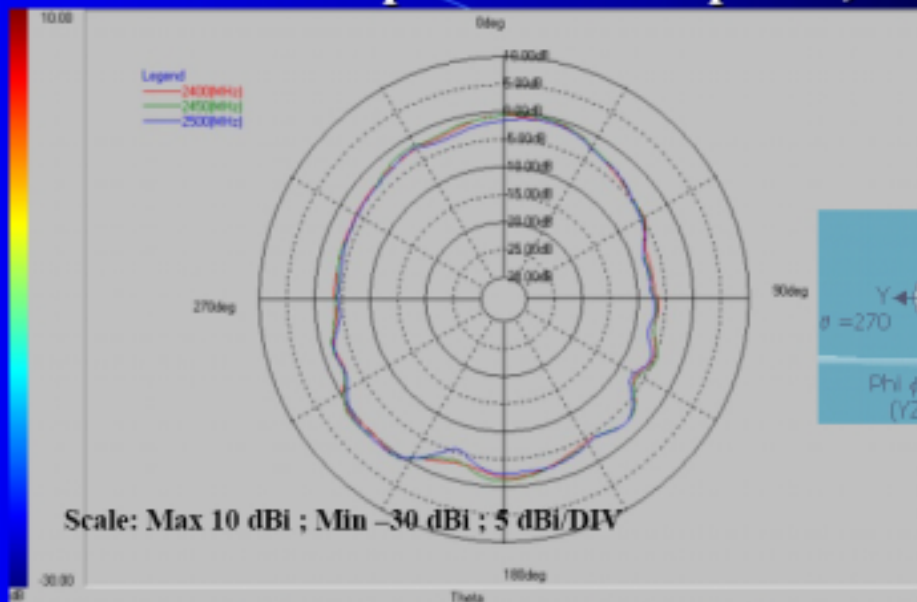


## Antenna radiation pattern on ZX plane , E-total



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	74.96 deg	-3.03 dB
2450 (MHz)	0.92 dB	-129.00 deg	-7.72 dB	72.02 deg	-2.68 dB
2500 (MHz)	0.49 dB	-141.00 deg	-7.95 dB	75.02 deg	-3.37 dB