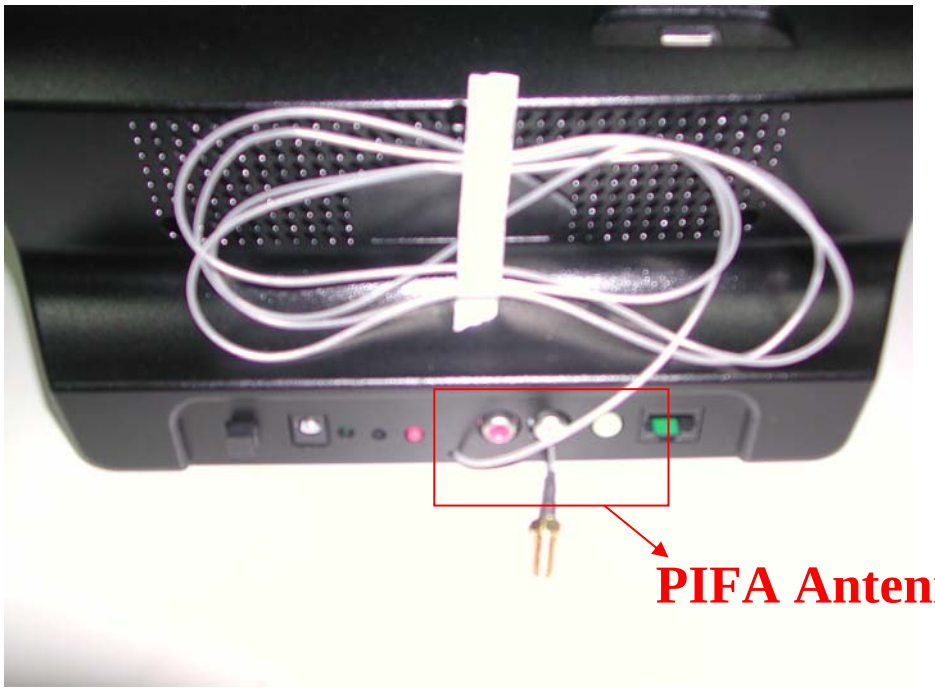
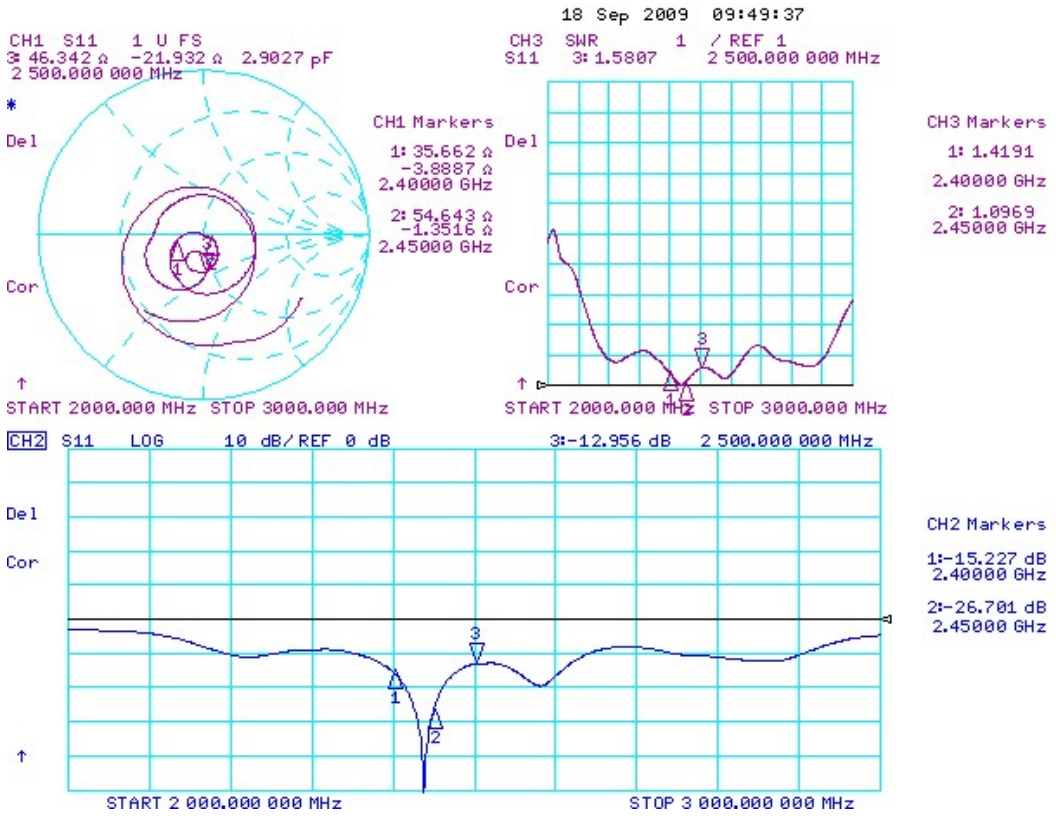
SSR-92899

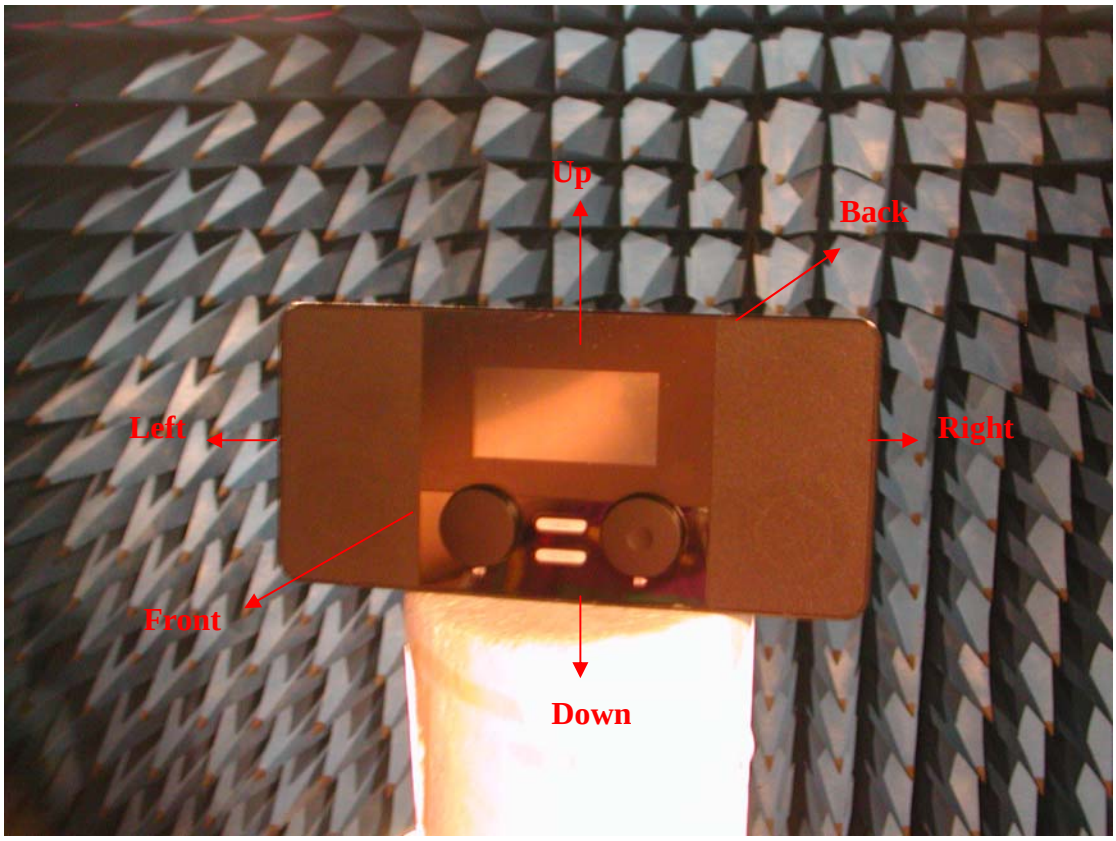
Test Data	**2009/09/18**
Test Member	**Benson**

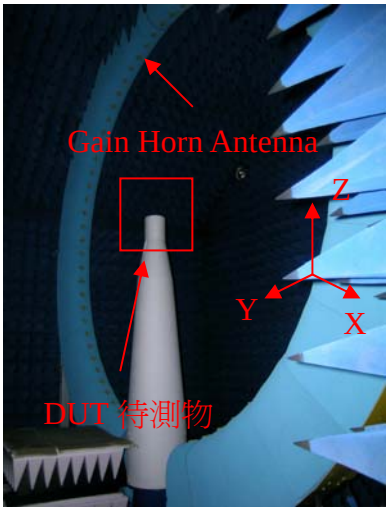
一、 **Return Loss & VSWR**




18 Sep 2009 09:49:37
CH1 S11 1 U FS
3: 46.342 Ω -21.932 Ω 2.9027 pF
2 500.000 000 MHz
Del
Cor
START 2000.000 MHz STOP 3000.000 MHz
CH1 Markers
1: 35.662 Ω
-3.8887 Ω
2.40000 GHz
2: 54.643 Ω
-1.3516 Ω
2.45000 GHz
CH3 SWR 1 / REF 1
S11 3: 1.5807 2 500.000 000 MHz
Del
Cor
START 2000.000 MHz STOP 3000.000 MHz
CH3 Markers
1: 1.4191
2.40000 GHz
2: 1.0969
2.45000 GHz
CH2 S11 LOG 10 dB/ REF 0 dB
3:-12.956 dB 2 500.000 000 MHz
Del
Cor
START 2 000.000 000 MHz
STOP 3 000.000 000 MHz
CH2 Markers
1:-15.227 dB
2.40000 GHz
2:-26.701 dB
2.45000 GHz

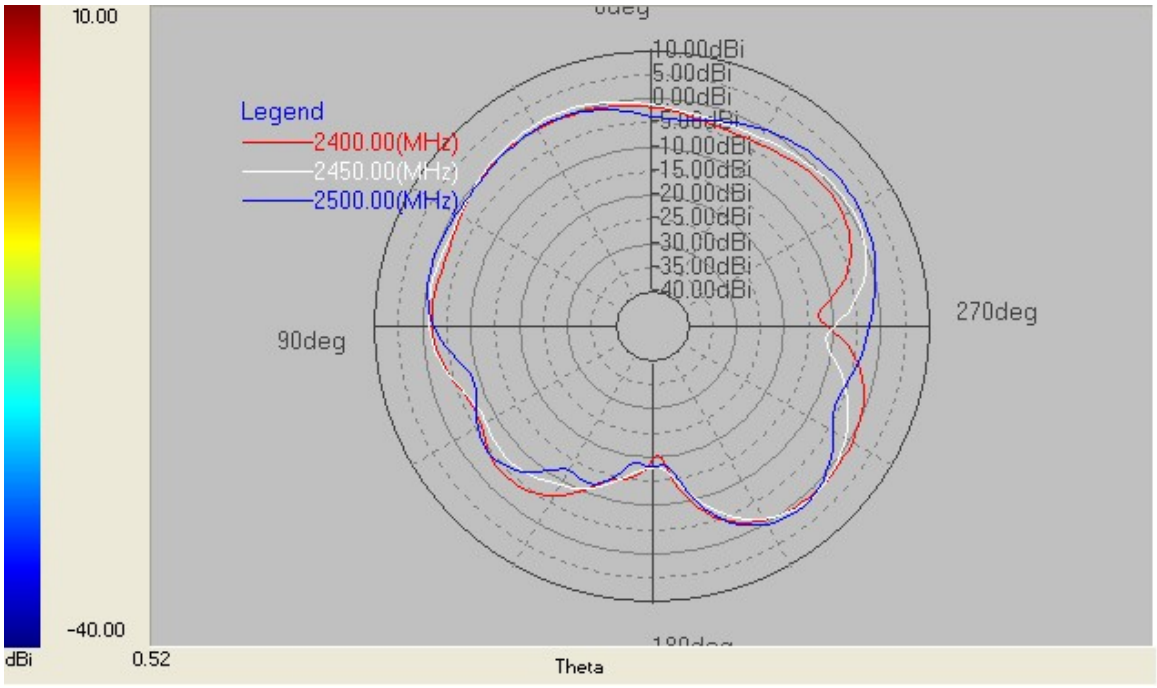
二、 Radiation Pattern Measurement



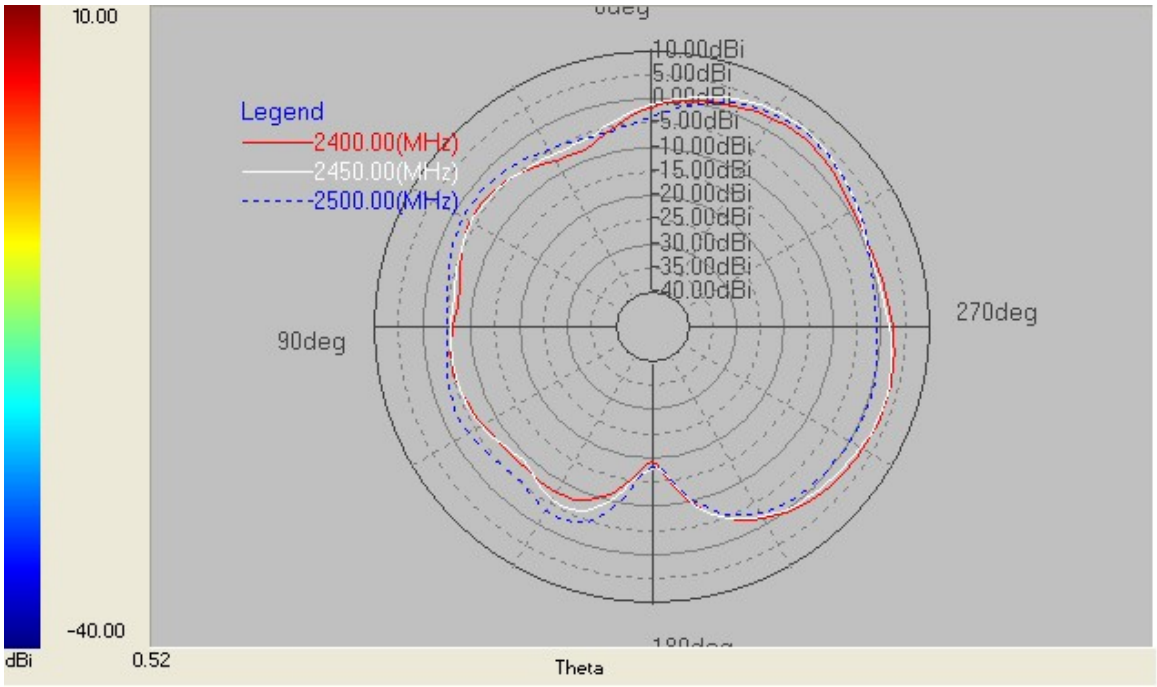


	XY	YZ	XZ
0°	Right	Up	Up
90°	Back	Back	Right
180°	Left	Down	Down
270°	Front	Front	Left

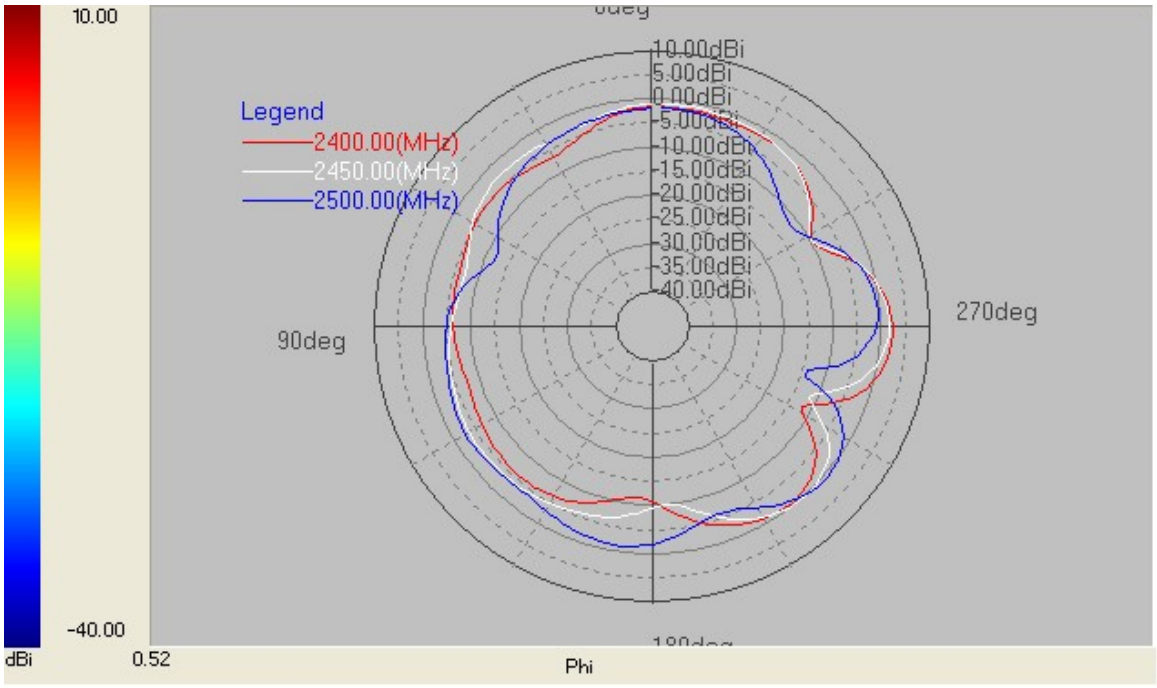
X-Z Plane



Y-Z Plane



X-Y Plane


10.00
-40.00
dBi
0.52
Legend
2400.00(MHz)
2450.00(MHz)
2500.00(MHz)
10.00dBi
5.00dBi
0.00dBi
-5.00dBi
-10.00dBi
-15.00dBi
-20.00dBi
-25.00dBi
-30.00dBi
-35.00dBi
-40.00dBi
90deg
270deg
Phi

三、Test Value

1-1 Return Loss

	(dB)
2.40 GHz	-15.227
2.45 GHz	-26.701
2.50 GHz	-12.956

1-2 Peak Gain

	Gain (dBi)	Efficiency (%)
2.4GHz	**3.63**	**56.46**
2.45GHz	**4.14**	**59.66**
2.5GHz	**3.75**	**58.58**