

永洋

Test Data	2009/12/2
Test Member	Benson

一、 Return Loss & VSWR

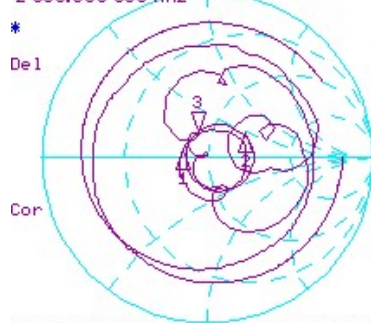
測試線焊接示意圖



2 Dec 2009 10:18:50

CH1 S11 1 UFS
 41.584 Ω 13.438 Ω 855.46 pF
 2 500.000 000 MHz

CH3 SWR 1 / REF 1
 S11 3: 1.4134 2 500.000 000 MHz



CH1 Markers
 1: 36.543 Ω
 2: 4980 Ω
 2.40000 GHz
 2: 73.434 Ω
 2: 2.469 Ω
 2.45000 GHz



CH3 Markers
 1: 1.3754
 2.40000 GHz
 2: 1.6982
 2.45000 GHz

START 2000.000 MHz STOP 3000.000 MHz

START 2000.000 MHz STOP 3000.000 MHz

CH2 S11 LOG 10 dB/REF 0 dB

3: -15.325 dB 2 500.000 000 MHz

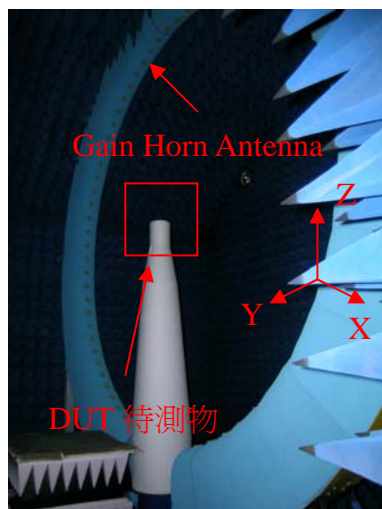
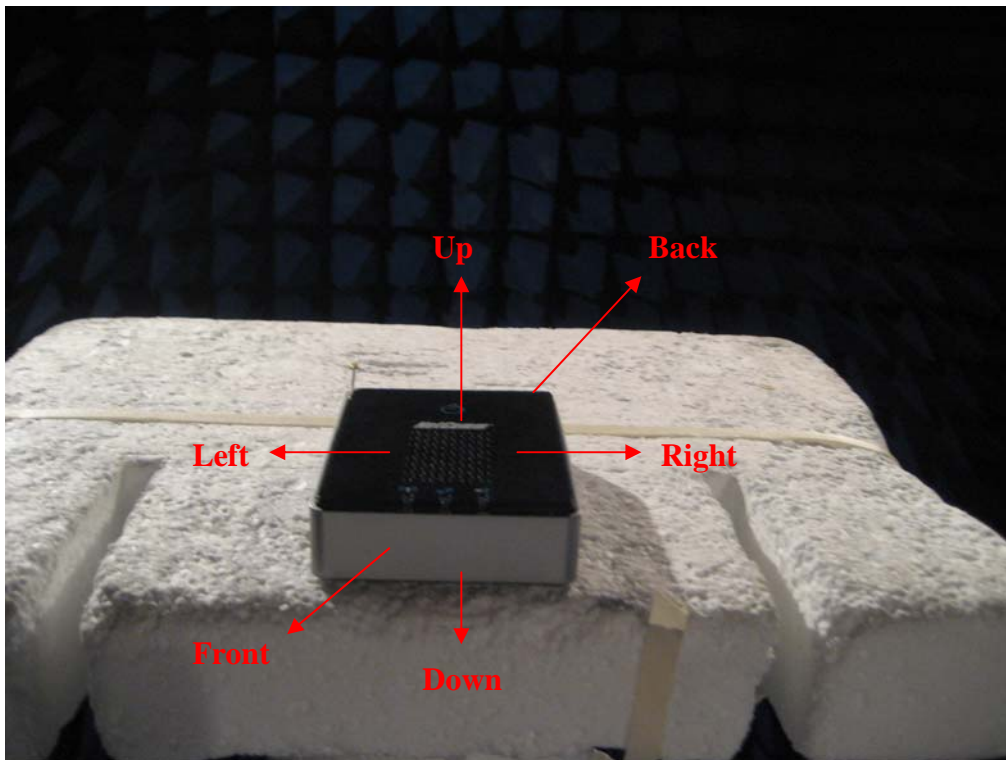


CH2 Markers
 1: -16.024 dB
 2.40000 GHz
 2: -11.741 dB
 2.45000 GHz

START 2 000.000 000 MHz

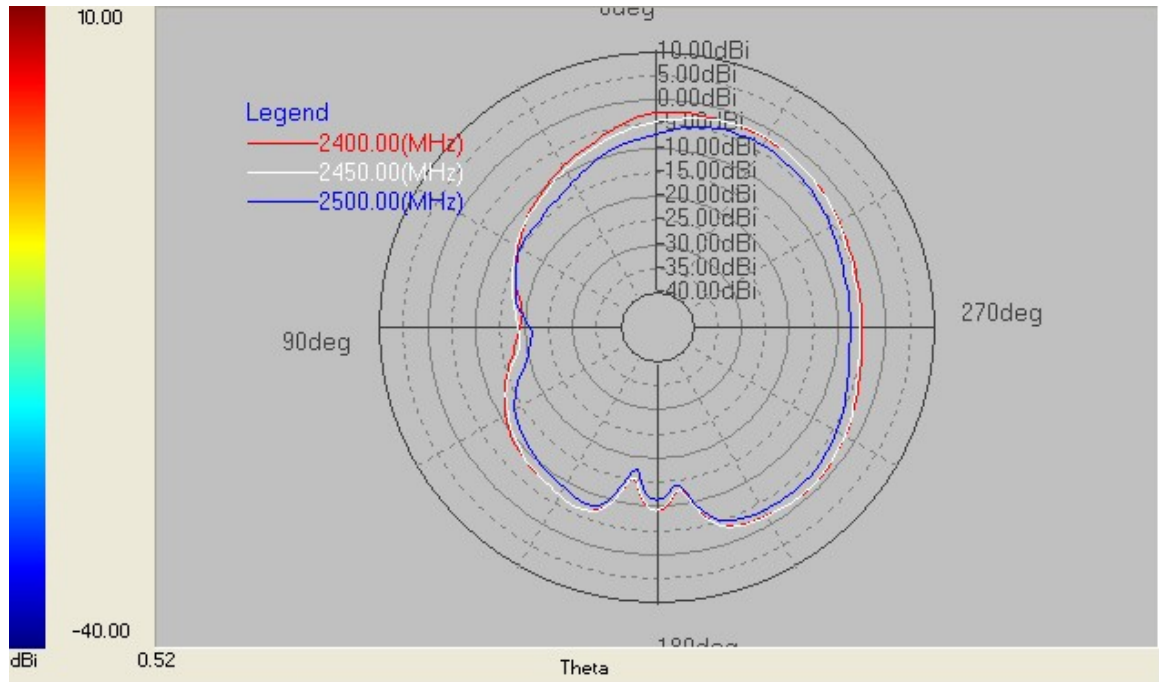
STOP 3 000.000 000 MHz

二、Radiation Pattern Measurement

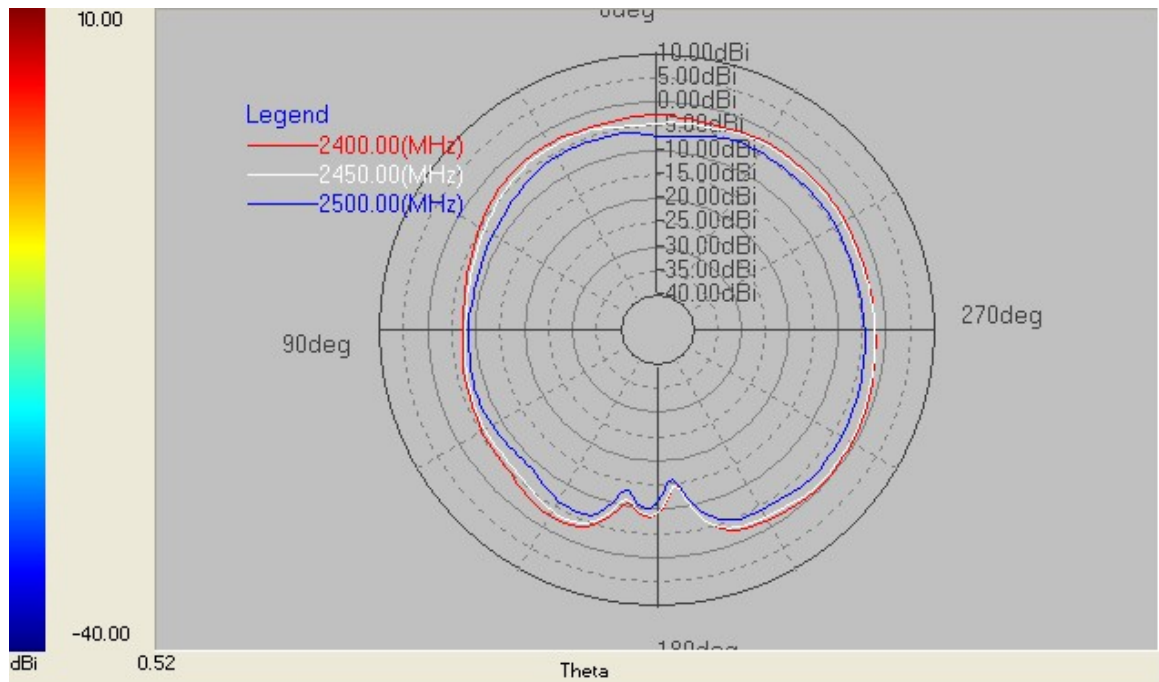


	XY	YZ	XZ
0°	Right	Up	Up
90°	Back	Back	Right
180°	Left	Down	Down
270°	Front	Front	Left

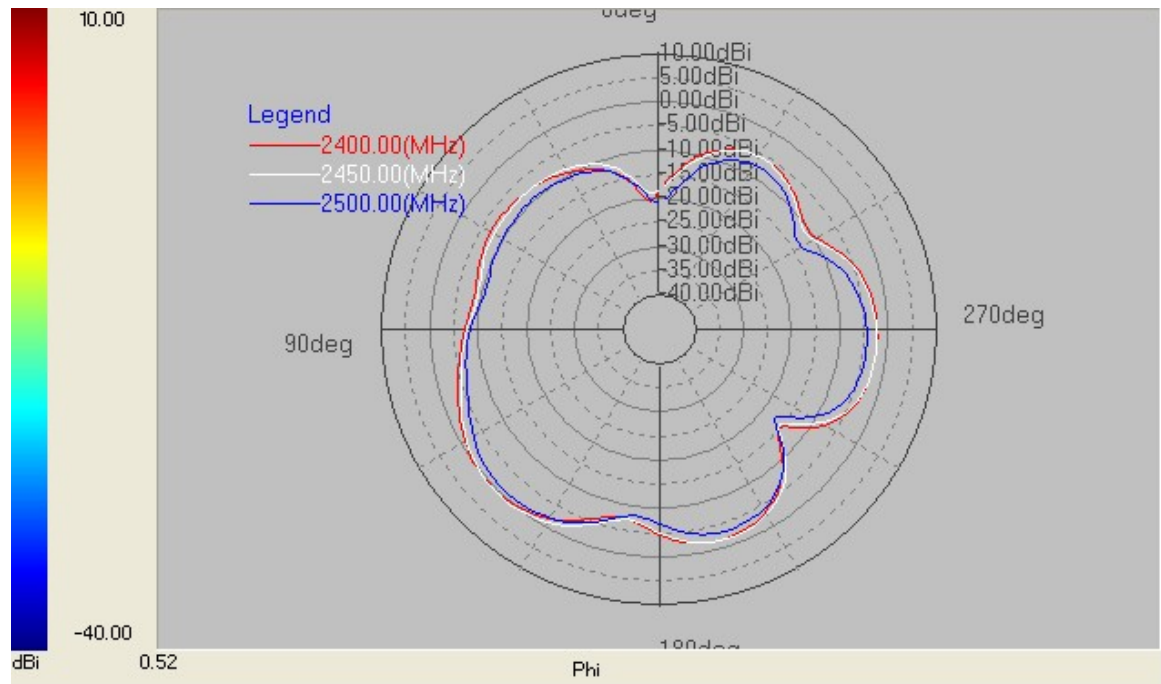
X-Z Plane (E-total)



Y-Z Plane (E-total)



X-Y Plane (E-total)



三、Test Value

1-1 Return Loss

	(dB)
2.40 GHz	-16.024
2.45 GHz	-11.741
2.50 GHz	-15.325

1-2 Peak Gain

	Gain (dBi)	Efficiency (%)
2.40GHz	0.12	38.26
2.45GHz	0.31	36.50
2.50GHz	-1.12	24.42