

Antenna Test Report

Brand: Ability

Model: KC86E00

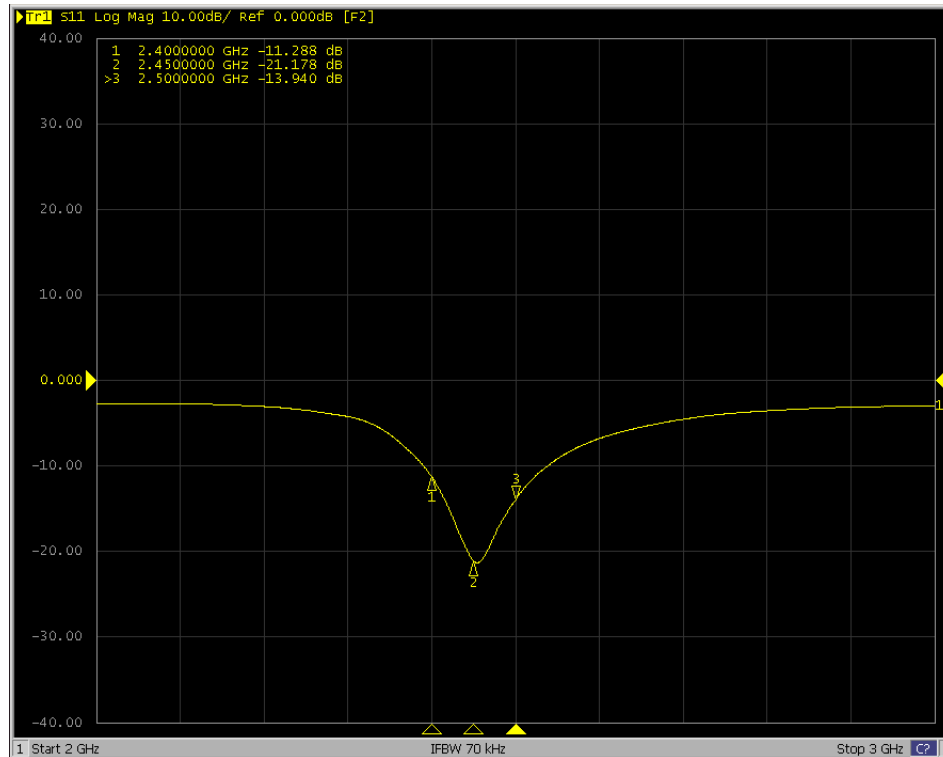
Type: Chip Antenna

Content

✱Test Results

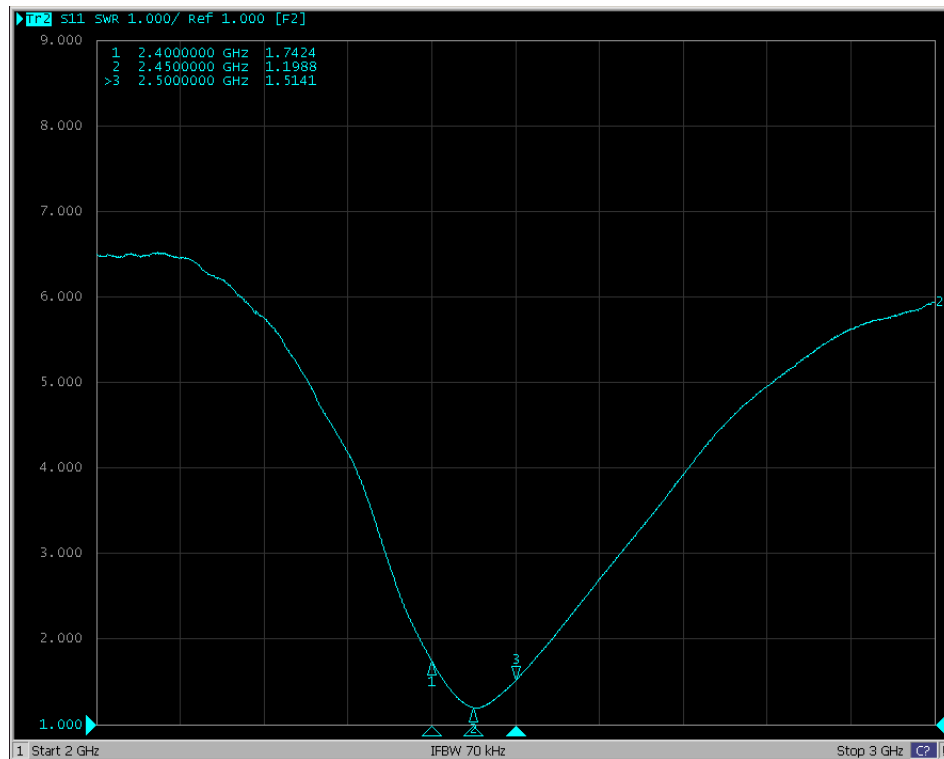
- ReturnLoss
- VSWR
- Gain Data
- 3D & 2D Radiation Pattern

Test Results – ReturnLoss



Freq.(MHz)	ReturnLoss (dB)
2400	-11.28
2450	-21.17
2500	-13.94

Test Results – VSWR

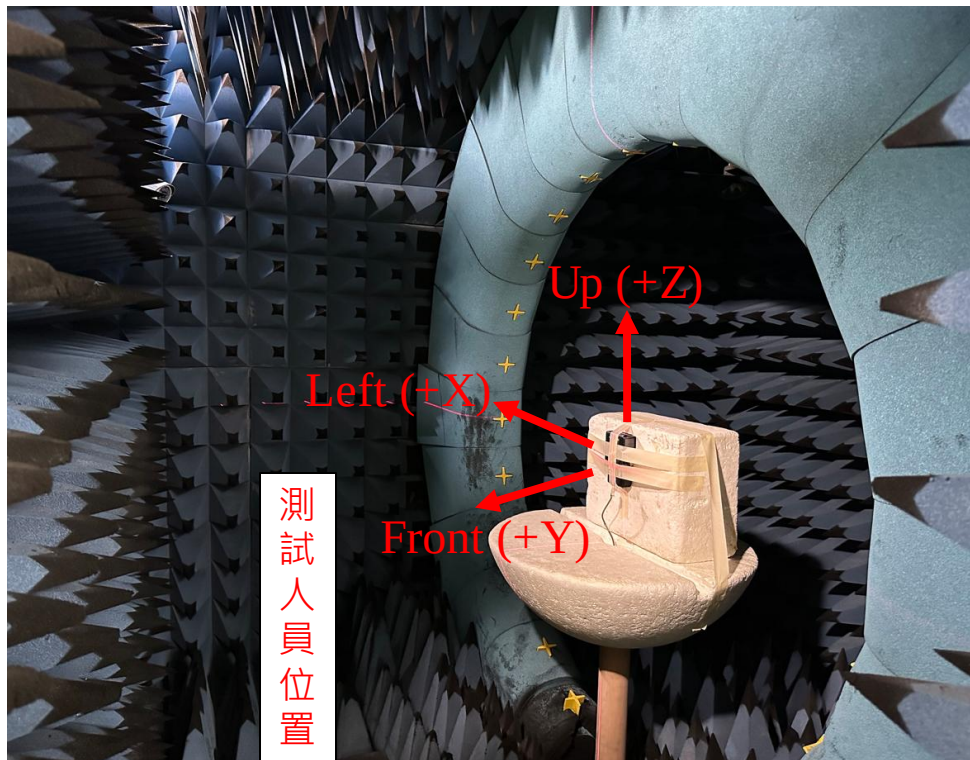


Freq.(MHz)	VSWR
2400	1.74
2450	1.19
2500	1.51

Test Results – Gain Data

KC86E00 Chip Antenna			
Freq.(MHz)	Efficiency (dB)	Efficiency (%)	Peak Gain (dBi)
2400	-6.72	21.26%	-2.14
2450	-6.23	23.83%	-1.12
2500	-6.09	24.60%	-0.93

Test Results



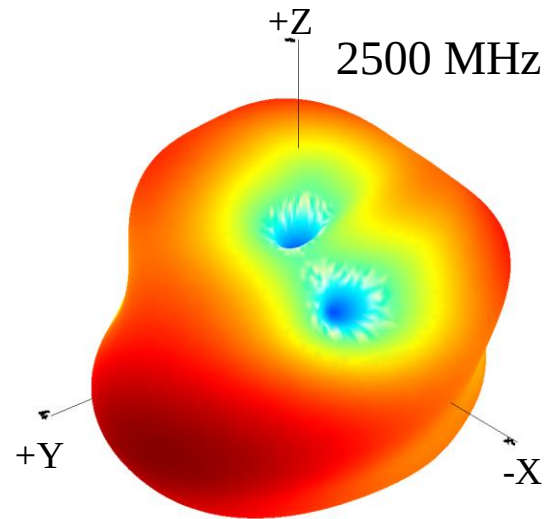
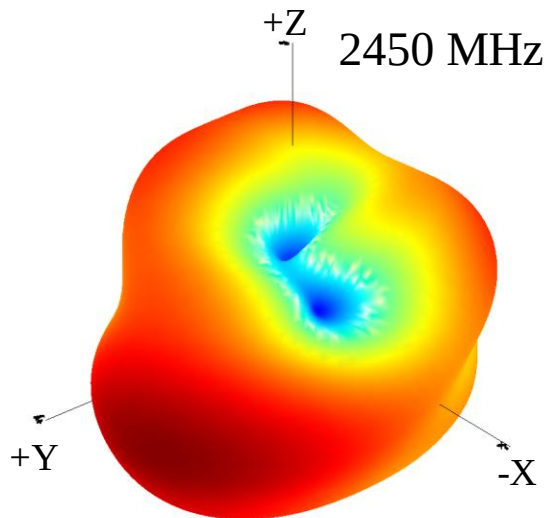
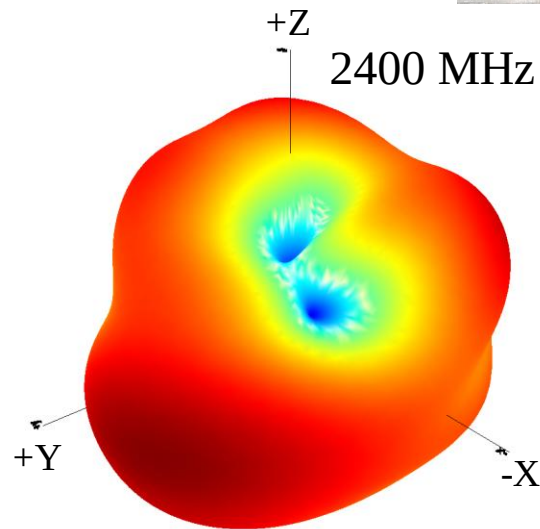
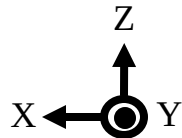
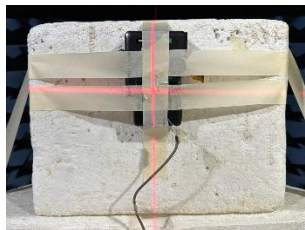
Chamber位置定義說明：

+X：待測物的左邊方向

+Y：待測物面對測試人員的方向

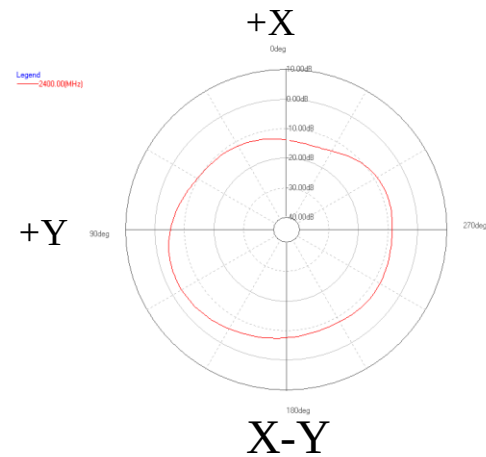
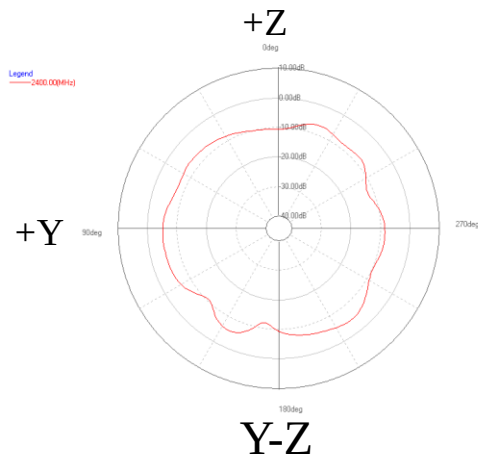
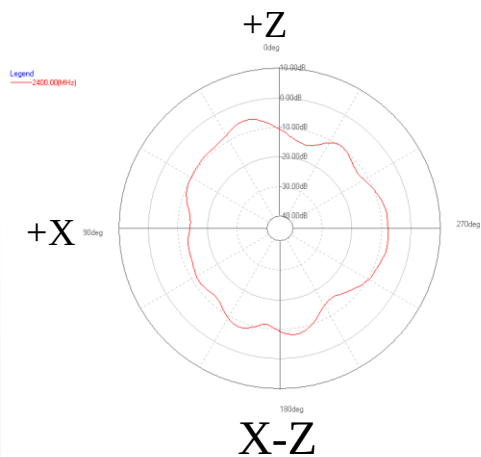
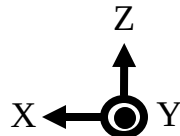
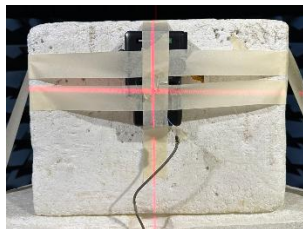
+Z：待測物的上方方向

Test Results –3D Radiation Pattern



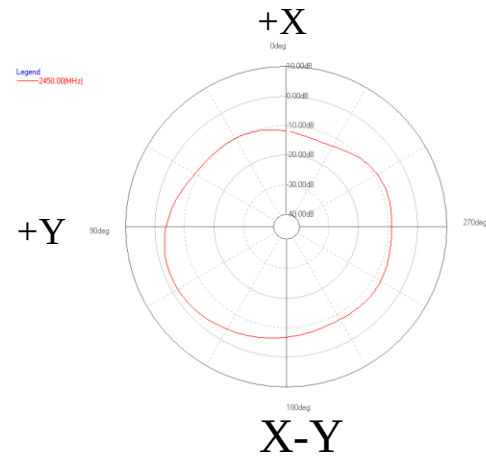
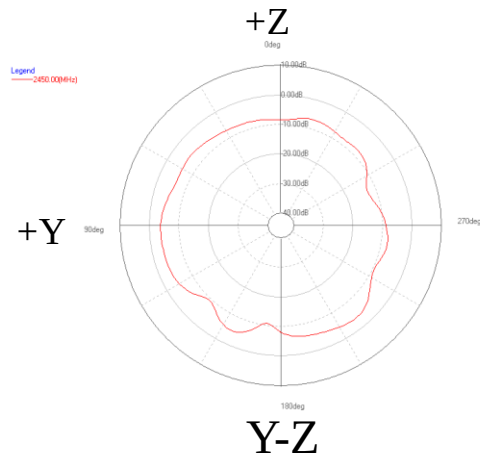
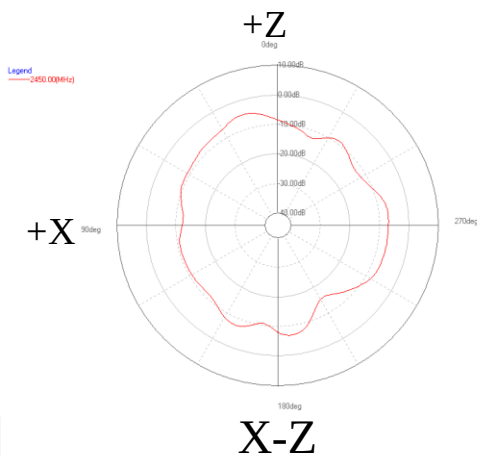
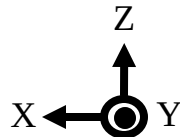
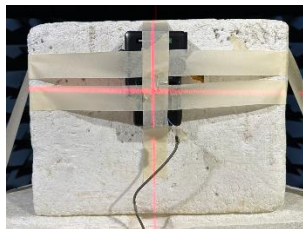
Test Results –2D Radiation Pattern

2400 MHz



Test Results –2D Radiation Pattern

2450 MHz



Test Results –2D Radiation Pattern

2500 MHz

