

KCX6F00

Antenna Test Report

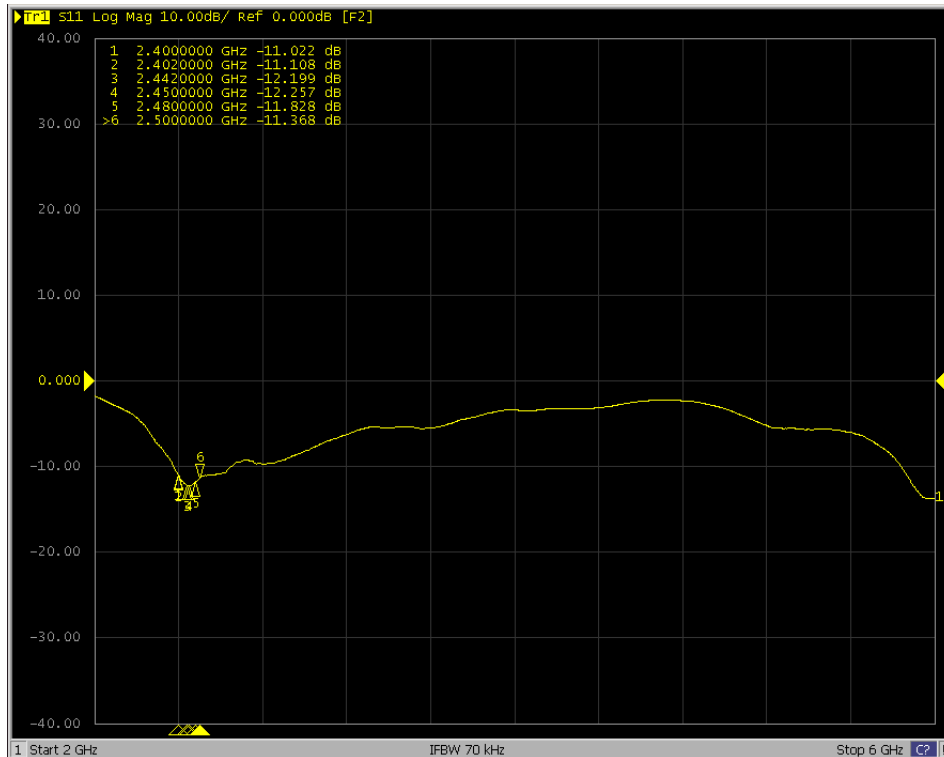
Brand: Ability
Model: KCX6F00
Type: PCB Antenna

Content

✱ Test Results

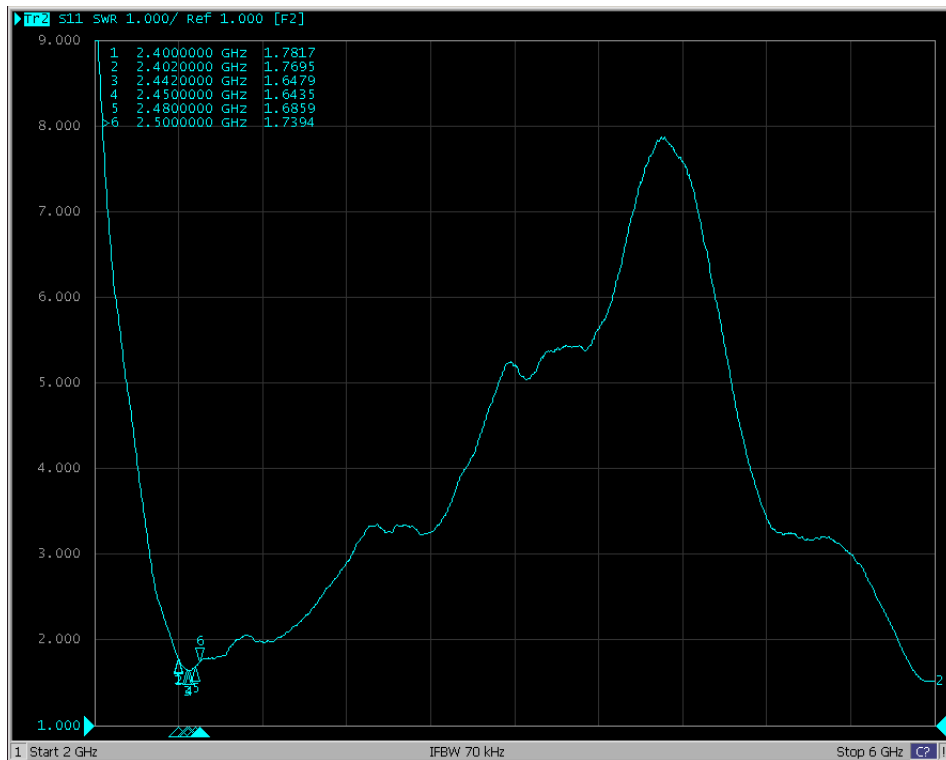
- Returnloss
- VSWR
- Gain Data
- 3D & 2D Radiation Pattern

Test Results – Returnloss



Freq.(MHz)	Returnloss (dB)
2400	-11.02
2402	-11.10
2442	-12.19
2450	-12.25
2480	-11.82
2500	-11.36

Test Results – VSWR

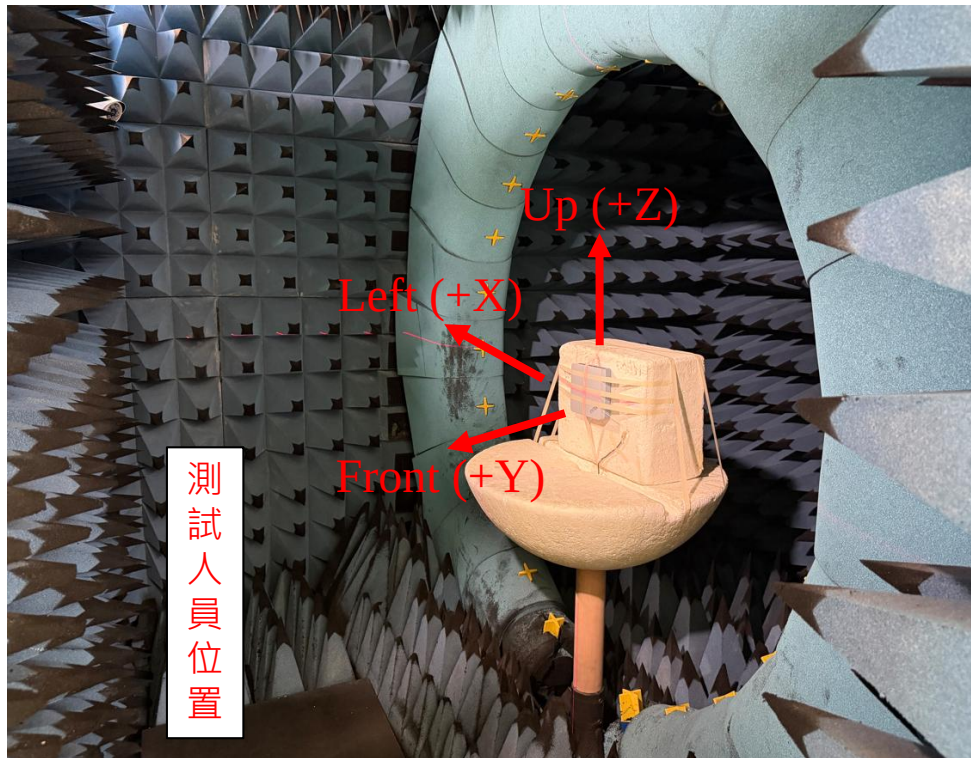


Freq.(MHz)	VSWR
2400	1.78
2402	1.76
2442	1.64
2450	1.64
2480	1.68
2500	1.73

Test Results – Gain Data

KCX6F00 Antenna			
Freq.(MHz)	Efficiency (dB)	Efficiency (%)	Peak Gain (dBi)
2400	-3.73	42.33	1.78
2402	-3.72	42.50	1.84
2442	-3.27	47.10	2.35
2450	-3.19	47.95	2.41
2480	-3.18	48.05	2.85
2500	-3.30	46.72	2.85

Test Results



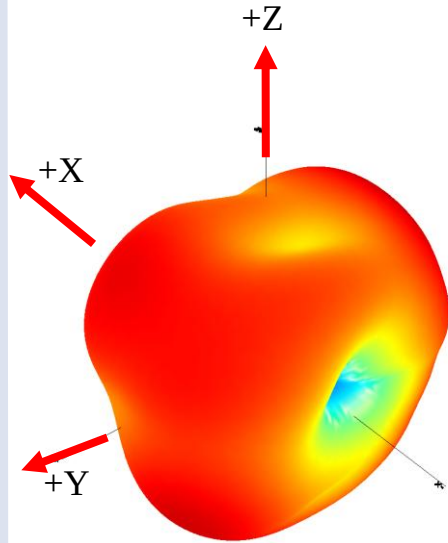
Chamber位置定義說明：

+X：待測物的左邊方向

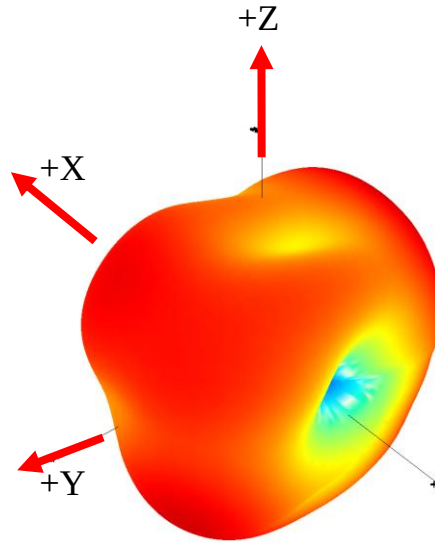
+Y：待測物面對測試人員的方向

+Z：待測物的上方方向

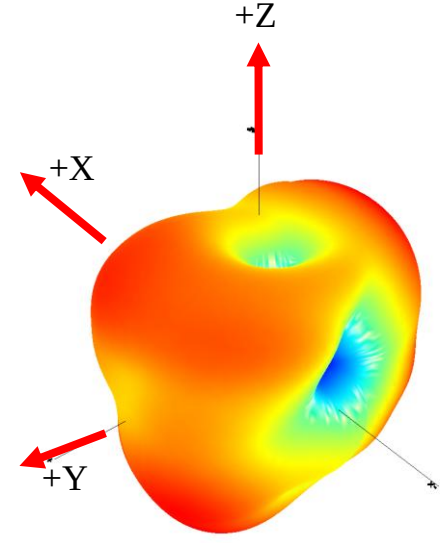
Test Results –3D Radiation Pattern



2400 MHz



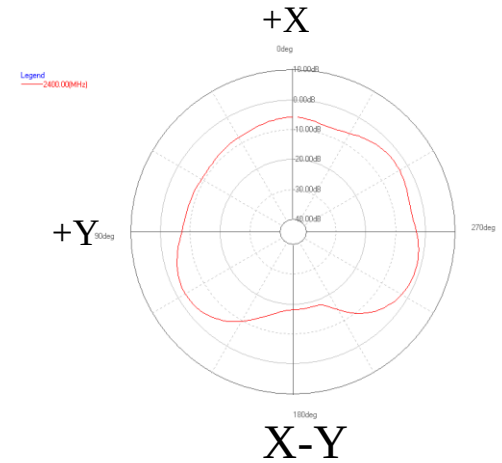
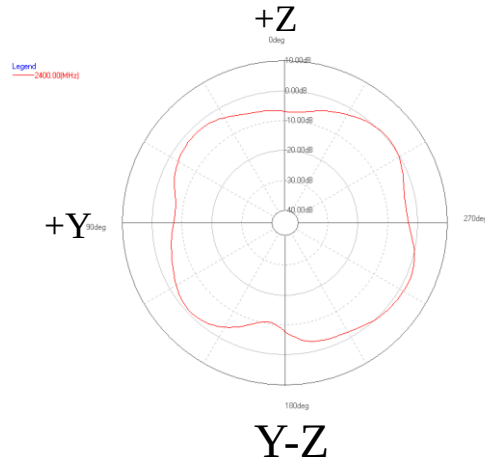
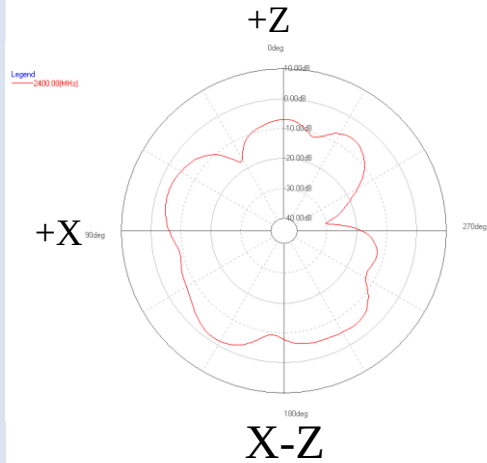
2402 MHz



2442 MHz

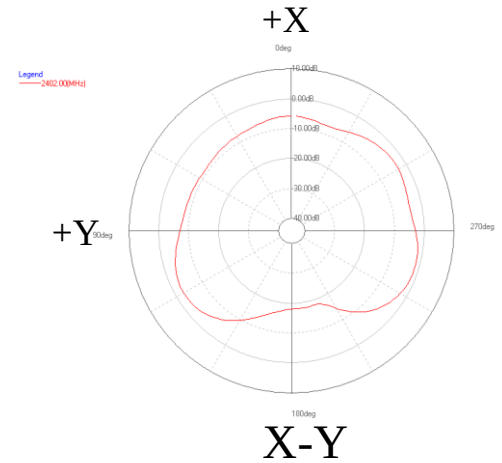
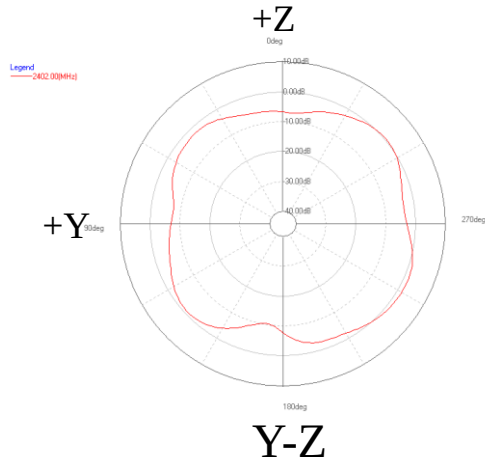
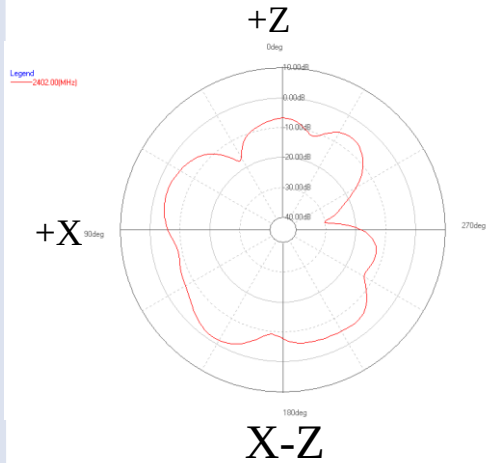
Test Results –2D Radiation Pattern

2400 MHz



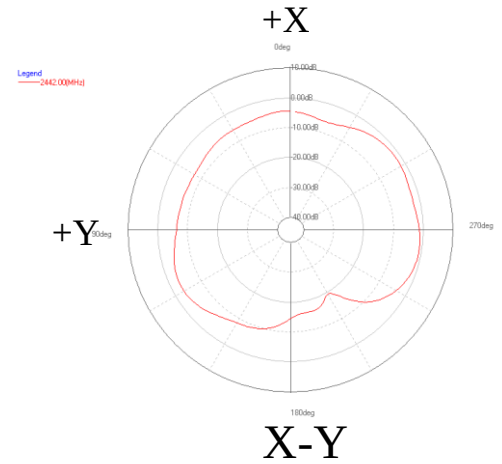
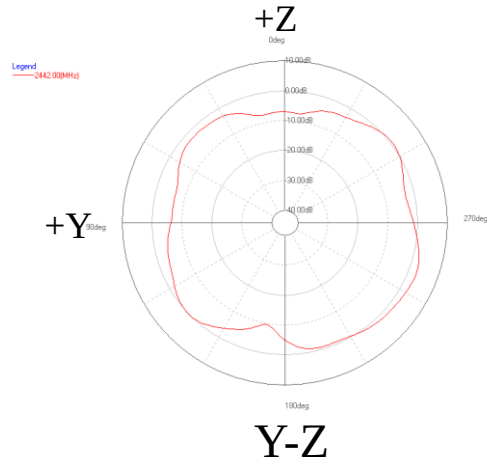
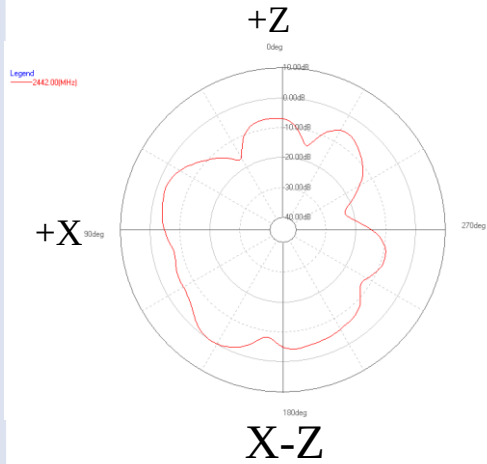
Test Results –2D Radiation Pattern

2402 MHz

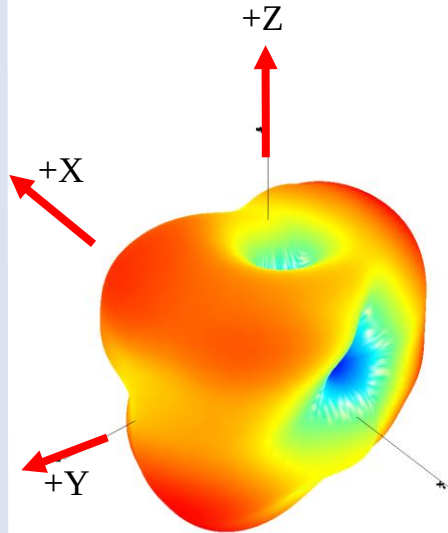


Test Results –2D Radiation Pattern

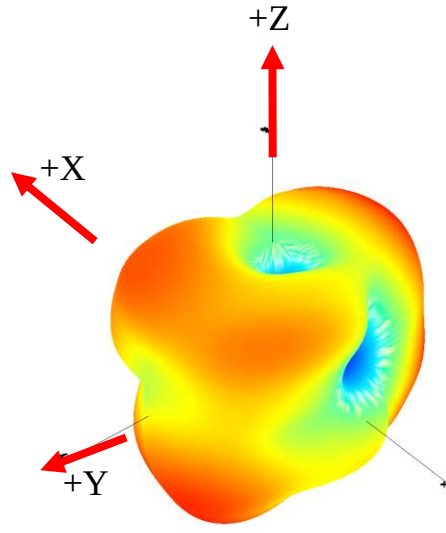
2442 MHz



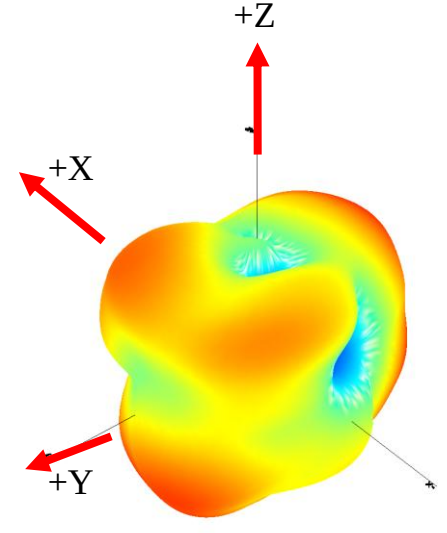
Test Results –3D Radiation Pattern



2450 MHz



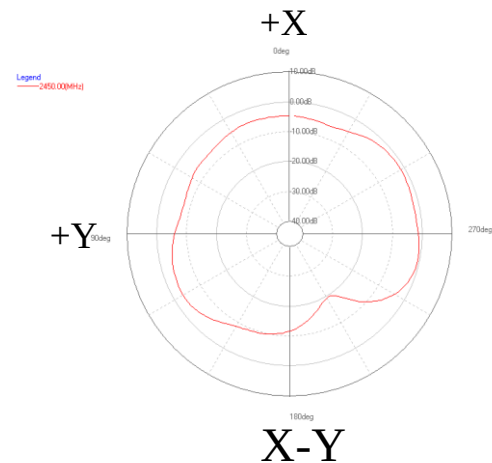
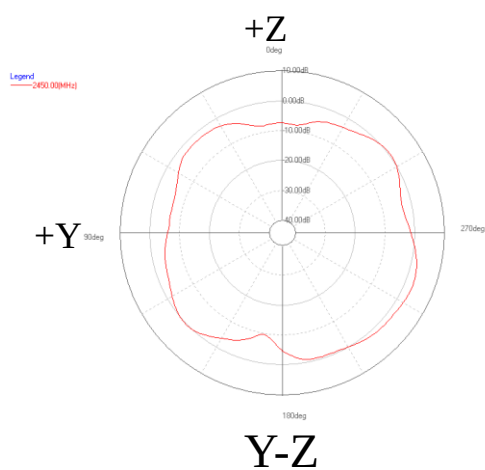
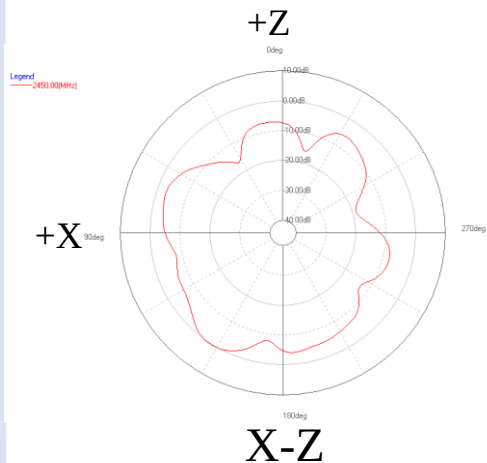
2480 MHz



2500 MHz

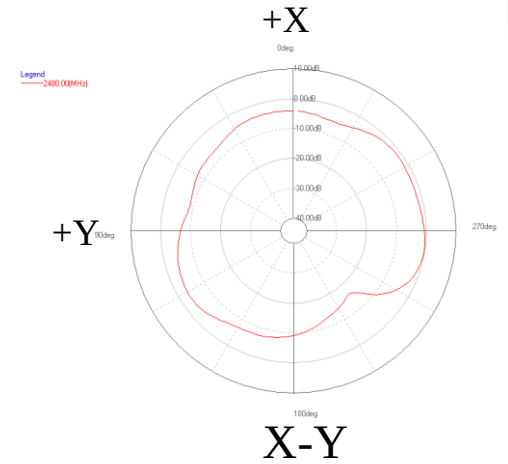
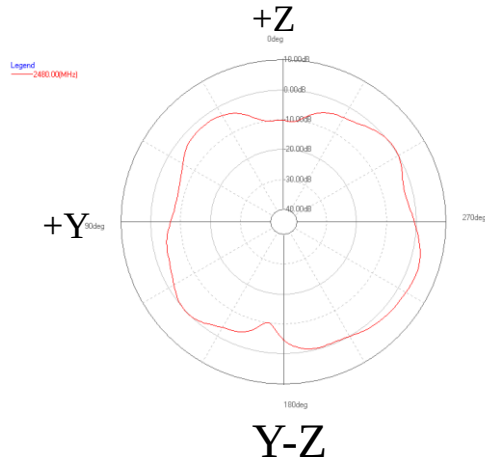
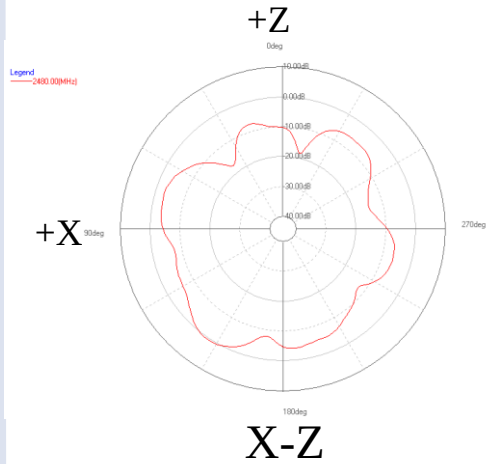
Test Results –2D Radiation Pattern

2450 MHz



Test Results –2D Radiation Pattern

2480 MHz



Test Results –2D Radiation Pattern

2500 MHz

