

A. 儀器設定

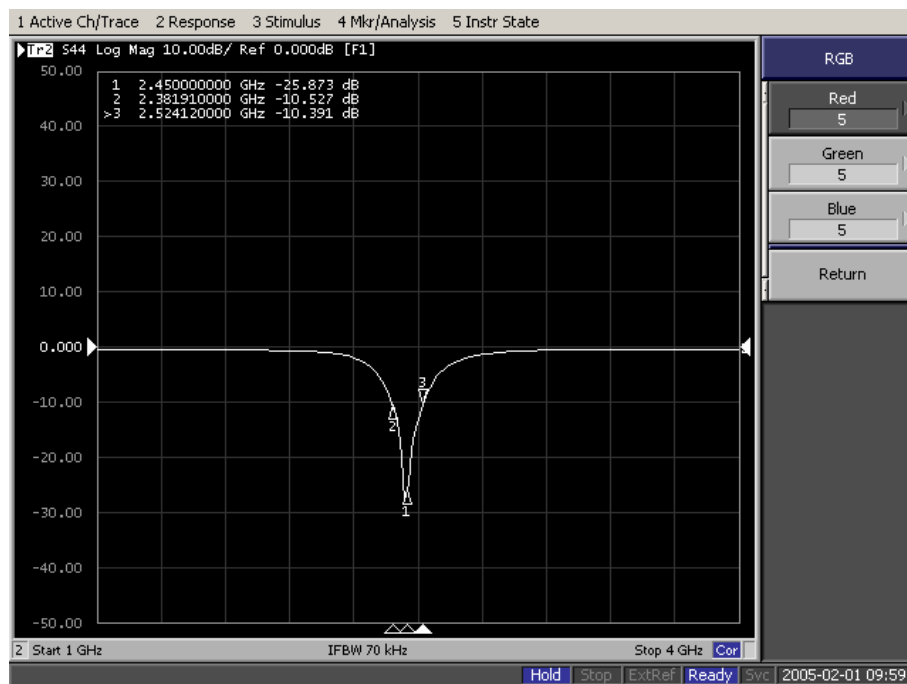
▲返回損耗(Return Loss) / 駐波比(VSWR):

- ◆量測儀器 : vector network analyzer-Agilent E5071A/B
- ◆校正方法 : open/short/load –Cal.Kit 85052D

▲Radiation pattern :

- ◆ACX far-field anechoic chamber

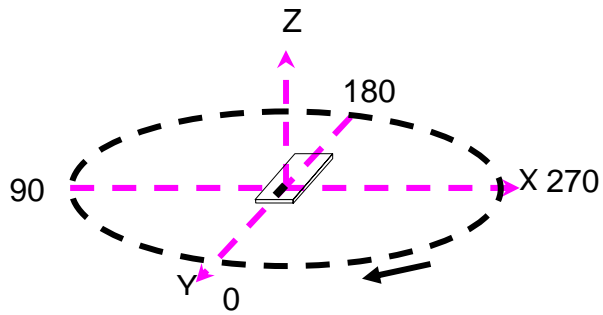
B. 返回損耗(Return Loss)量測值



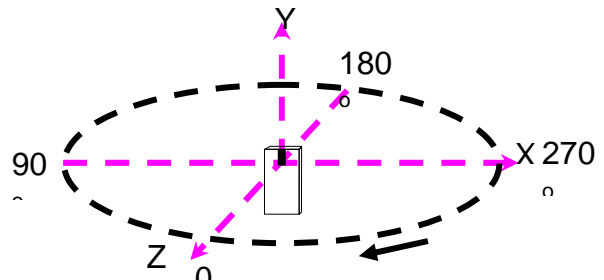
Bandwidth: 2.38~2.52GHz

C. 輻射場型圖(2.45GHz)

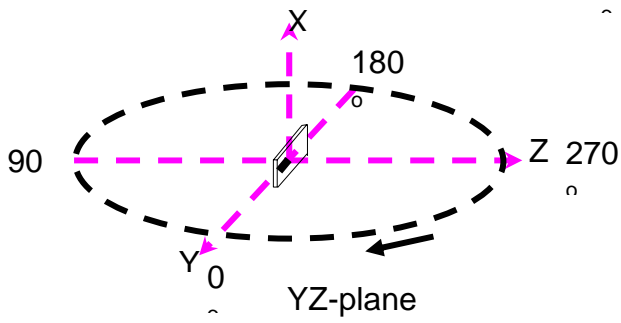
◆scanning direction



XY-plane scanning direction

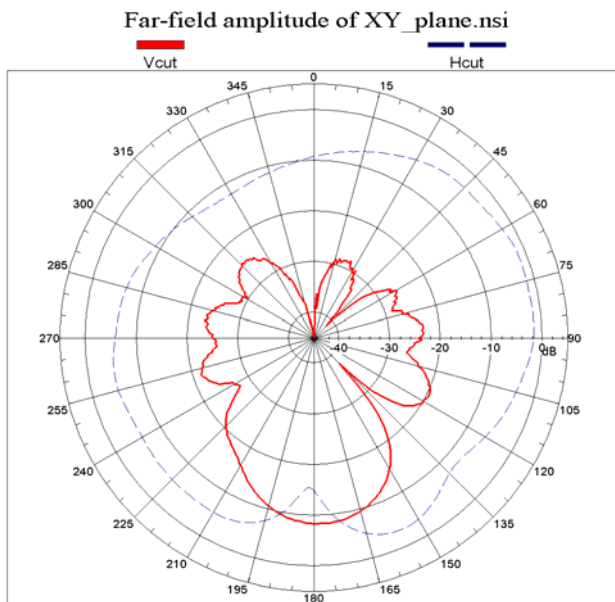


XZ-plane scanning direction



YZ-plane scanning direction

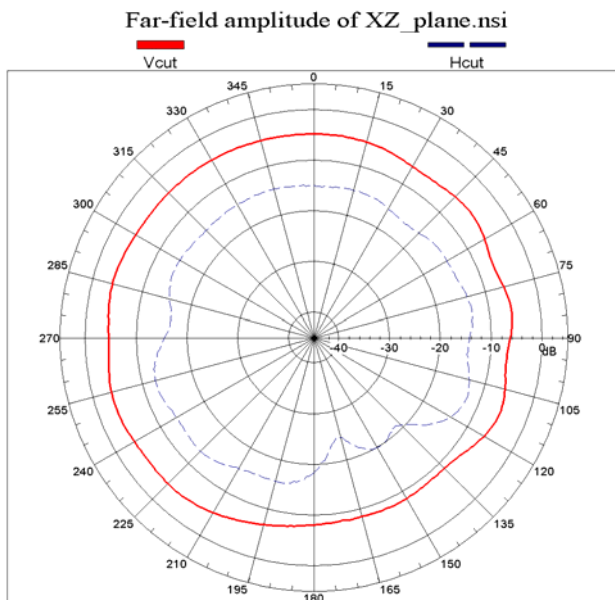
◆ XY-plane



Unit : dBi

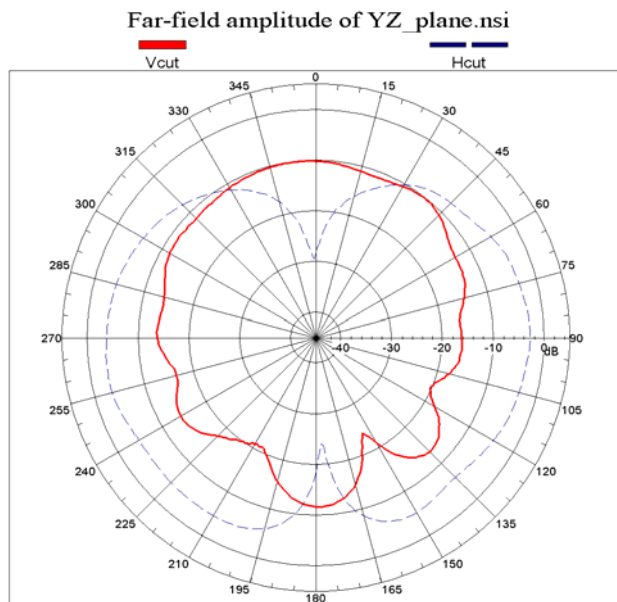
	Peak gain	Avg. gain
H cut	-1.59	-5.51
V cut	-8.38	-17.23

◆ XZ-plane



	Peak gain	Avg. gain
H cut	-12.61	-15.14
V cut	-3.68	-5.56

◆ YZ-plane



	Peak gain	Avg. gain
H cut	-2.83	-6.02
V cut	-10.15	-13.28

Gain Table

		XY-plane		XZ-plane		YZ-plane	
		H cut	V cut	H cut	V cut	H cut	V cut
Meander line	Peak	-1.59	-8.38	-12.61	-3.68	-2.83	-10.15
	Avg.	-5.51	-17.23	-15.14	-5.56	-6.02	-13.28