



**Well Green Technology Co., Ltd**

**No. 20, Alley51 ,Lane 118,ShuangLian Sec.2,Mintzu Rd.,  
PingJen City, TaoYuan Hsien, Taiwan, R.O.C  
TEL: (03)420-6428 FAX: (03) 420-6418**

# **Uniwill 755 Antenna Test Report**

<b>RD Manager</b>	<b>Supervisor</b>	<b>RD engineer</b>	<b>Sales engineer</b>
<b>David</b>	<b>Johnson</b>	<b>Tim</b>	<b>Jerry</b>



Test results-(鐵件 0.5mm)

1.VSWR

Antenna	Center freg. @MHz	BW @MHz	VSWR		
			2.4GHz	2.45GHz	2.5GHz
755	2450		1.61	1.63	1.76

Antenna	Center freg. @MHz	BW @MHz	VSWR	
			5.15GHz	5.35GHz
755	5250		1.43	1.45





2. Return Loss

Antenna	Center freg. @MHz	BW @MHz	Return Loss		
			2.4GHz	2.45GHz	2.5GHz
755	2450		-12.47	-12.25	-11.21

Antenna	Center freg. @MHz	BW @MHz	Return Loss	
			5.15GHz	5.35GHz
755	5250		-14.60	-15.36





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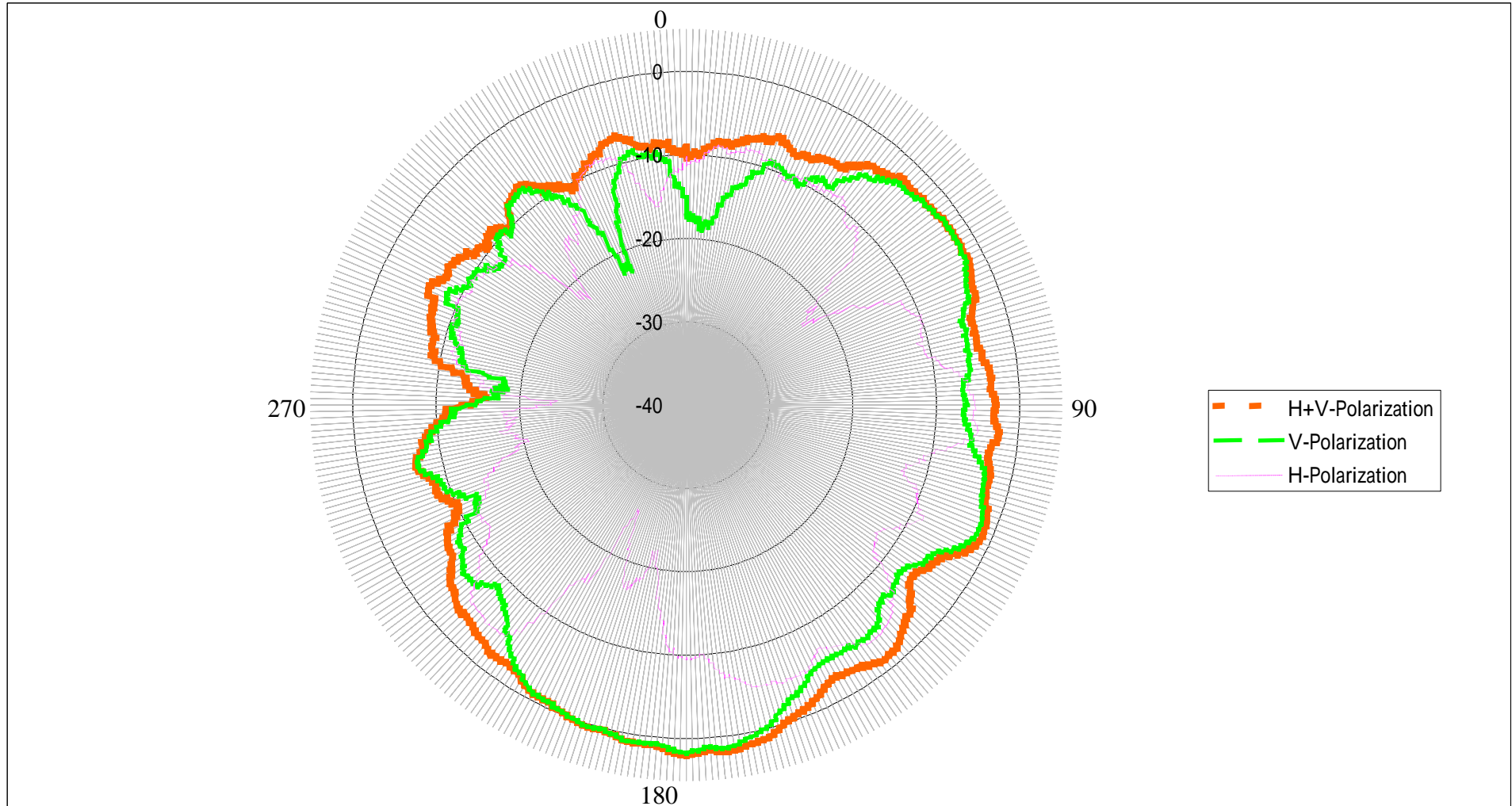
### 3. Smith Chart







4. Radiation Pattern of XY Plane(Azimuth)-2.45GHz

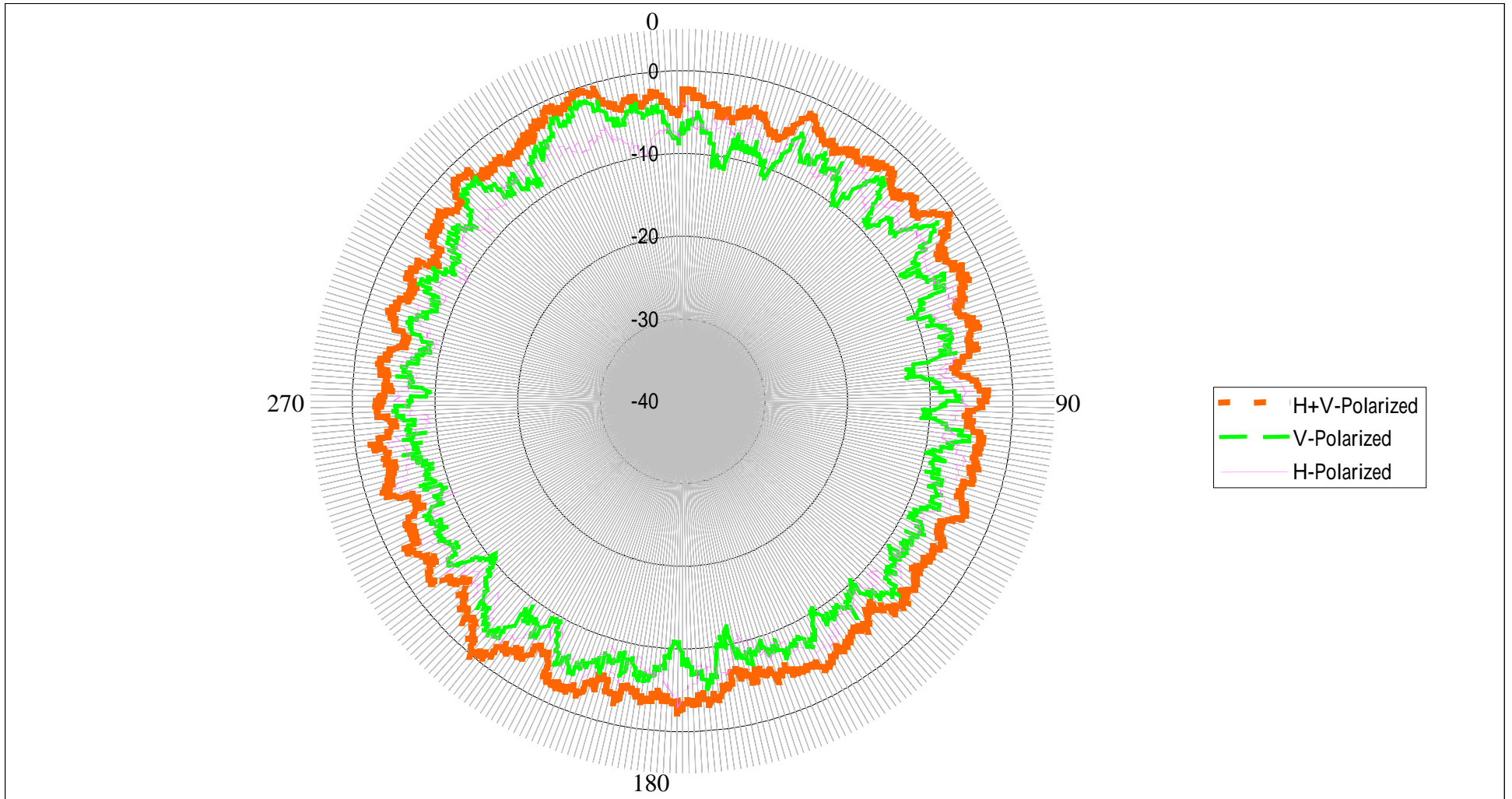




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5. Radiation Pattern of XY Plane(Azimuth)-5.25GHz





6. Peak Gain and Average Gain

Antenna	Gain of XY Plane(Azimuth)		
	Polarization		2.45GHz
755	V	Peak	1.78
		Average	-4.68
	H	Peak	-3.91
		Average	-9.54
	H+V	Peak	2.09
		Average	-3.45

Antenna	Gain of XY Plane(Azimuth)		
	Polarization		5.25GHz
755	V	Peak	-1.56
		Average	-6.72
	H	Peak	-2.43
		Average	-6.60
	H+V	Peak	0.27
		Average	-3.65