



Dong Guan SYL Technology CO.,LTD

Antenna Specification

Manufacture: SYL

Product Name: XWE-007-A-BT Antenna

Antenna Type: PCB

Test Date: 202510/17

Tested by:	Checked By:	Approved By:
ChengMingWei	DuLin	QianCongGen



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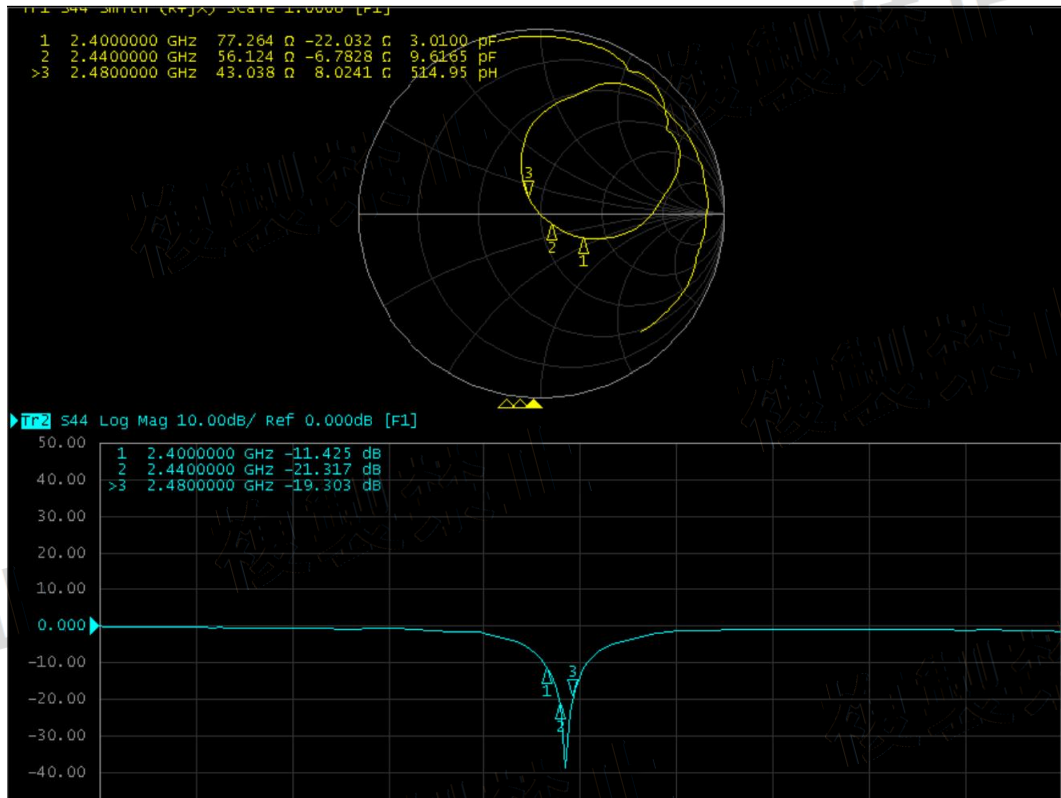
1. General Description

Manufacturer:	Dong Guan SYL Technology CO.,LTD
Address:	Room 203,DongHui Industrial Park,No.198 DaTang Road, DongGuan, Guangdong,China
Product Name:	XWE-007-A-BT Antenna
Product model:	XWE-007-A-BT
Antenna Type:	PCB Antenna
Test Frequency:	2400-2500MHz
Antenna Gain:	1.2dBi
VSWR:	<1.4
Impedance:	50Ω
Polarization:	Linear



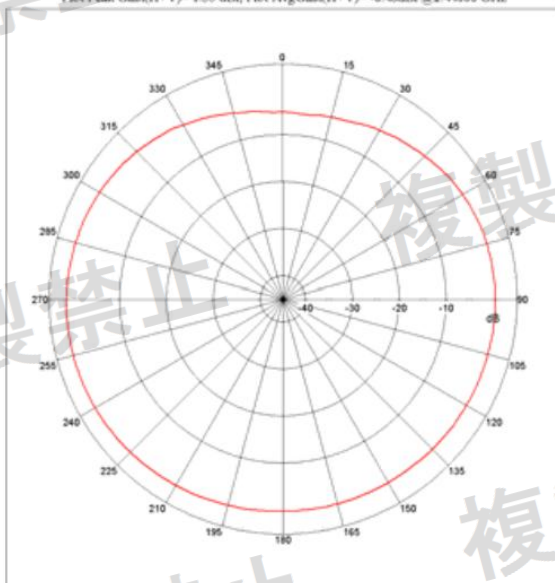
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4.ReturnLoss



5.XY-Plane

Far-field Power Distribution(H+V) on X-Y Plane
Plot Peak Gain(H+V)= 1.35 dBi; Plot AvgGain(H+V)= -0.48dBi @2.44000 GHz

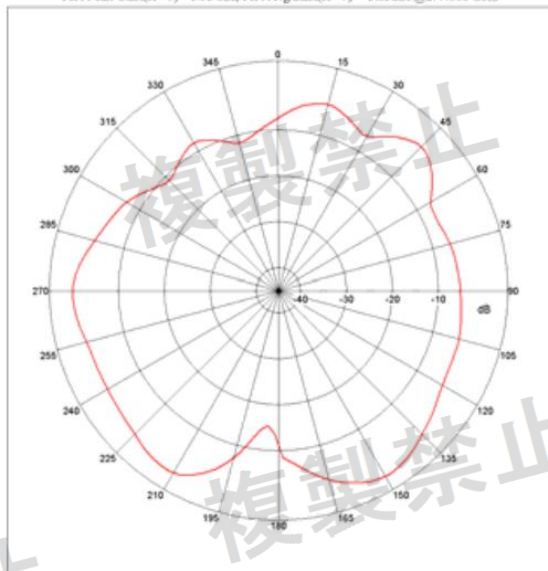




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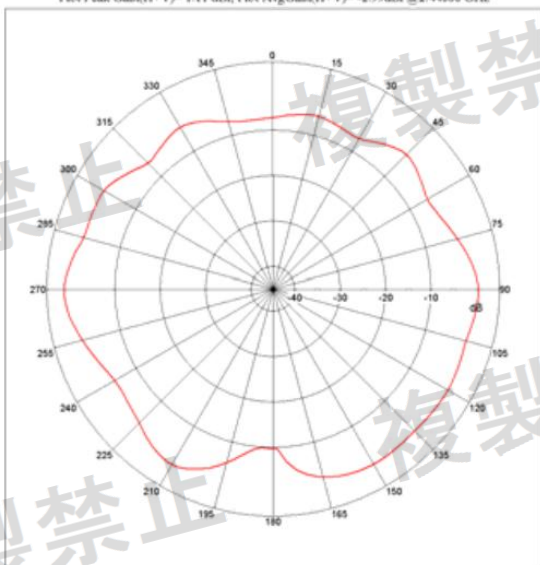
6.XZ-Plane

Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)= 1.68 dBi; Plot AvgGain(H+V)= -3.83dBi @2.44000 GHz

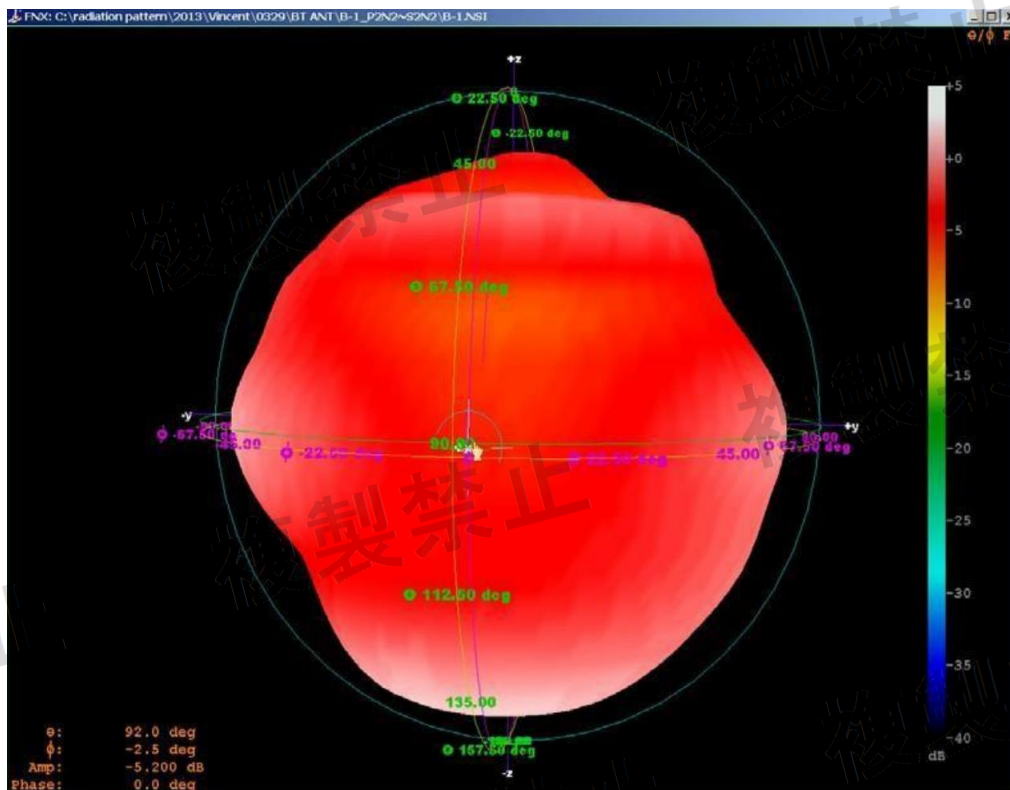


7. YZ-Plane

Far-field Power Distribution(H+V) on Y-Z Plane
Plot Peak Gain(H+V)= 1.11 dBi; Plot AvgGain(H+V)= -2.99dBi @2.44000 GHz



8.3D Radiation Pattern Diagram



10. Test Setup Photo

