

ANTWRJQ24585V50SJB

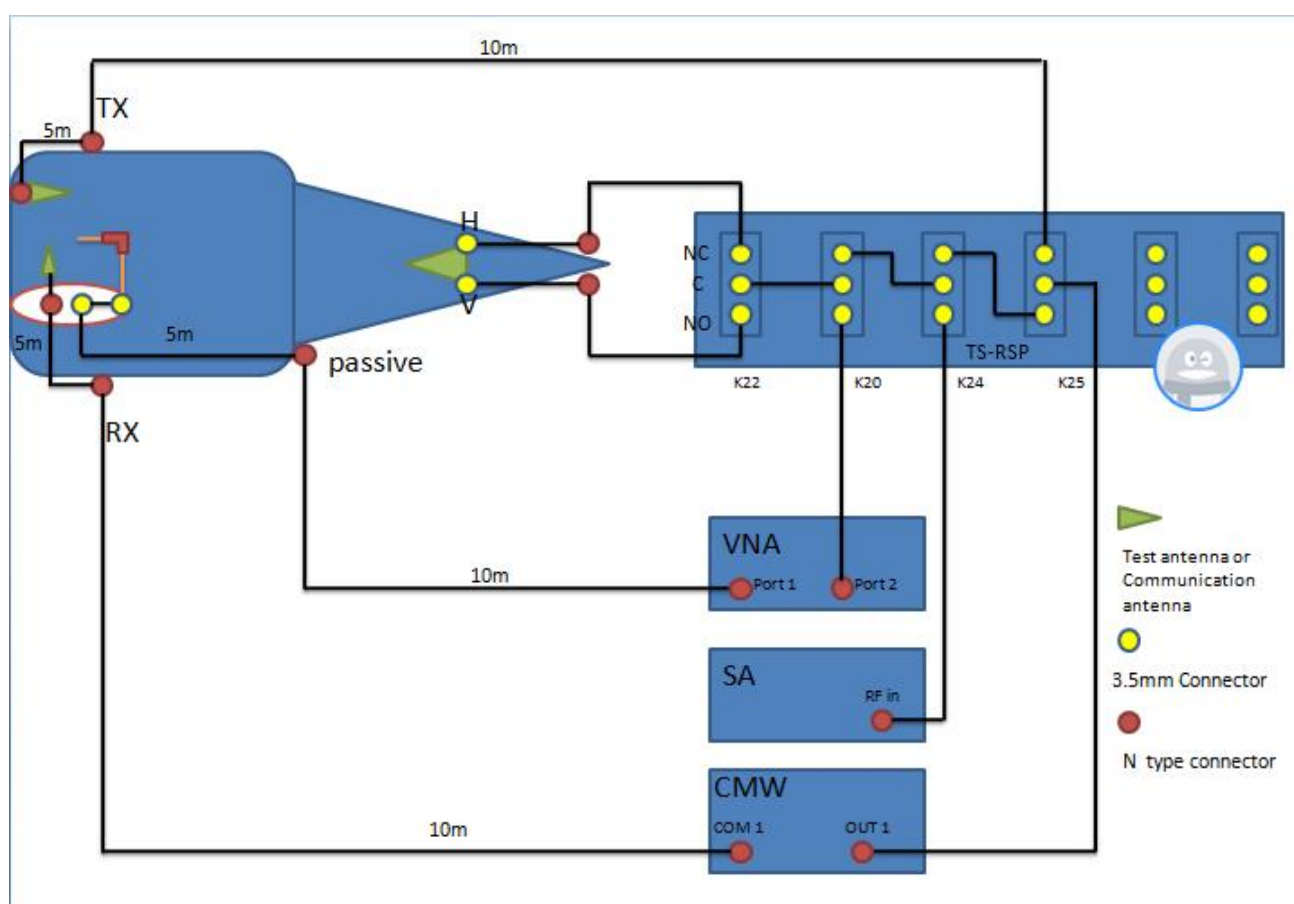
2.4G

版本: V4.0

Manufacturer:	Qingdao Zhongfei Intelligent Technology Co.,Ltd
Address:	No.77 Guangxian Road,High Tech District,Qingdao,Shandong
Antenna model:	U60-1
Antenna type:	bar Antenna
Antenna Gai:	1.7DBI
Antenna length:	65cm
Product frequency band:	2400-2500MHz
Antenna standing wave :	≤ 1.5/2.0
Antenna diameter:	1cm



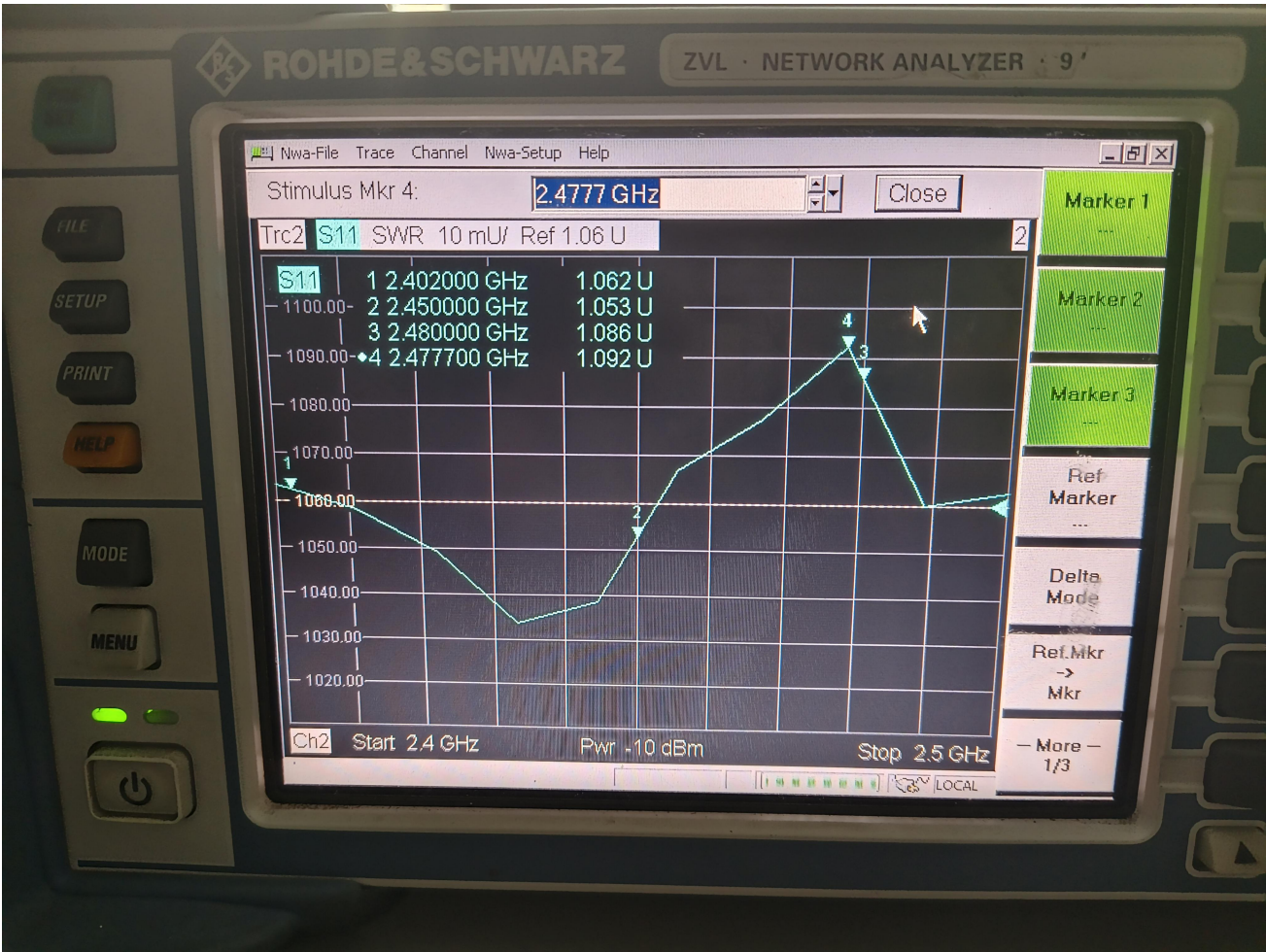
The diagram illustrates a measurement setup within a wedge-shaped region. On the left, a 'Dual Polarized Measurement Antenna' is shown with two orthogonal polarization vectors, both labeled θ -pol. A horizontal line extends from this antenna towards the right, where it meets a more detailed antenna structure. This second structure is a horn antenna with a coordinate system: a vertical dashed line for the Y -axis, a horizontal line for the X -axis, and a line pointing out of the page for the Z -axis. The antenna is mounted on a base that can rotate around the Y -axis, with the rotation angle labeled θ -axis. The antenna itself can also rotate around its own longitudinal axis, with the rotation angle labeled ϕ -axis. The wedge-shaped region is filled with a light blue, textured material, and its boundaries are defined by black lines.



1.TEST RESULTS

1.1VSWR

Frequency(MHz)	VSWR
2402	1.062:1
2450	1.053:1
2477	1.092:1
2480	1.086:1

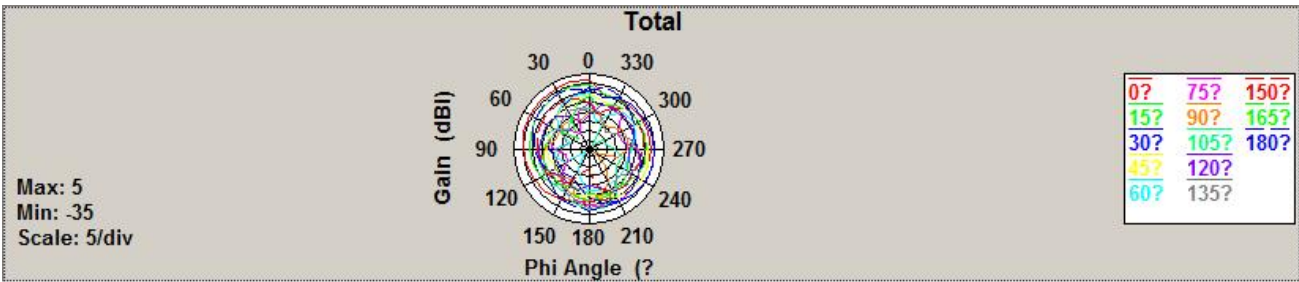


2. GAIN AND EFFICIENCY

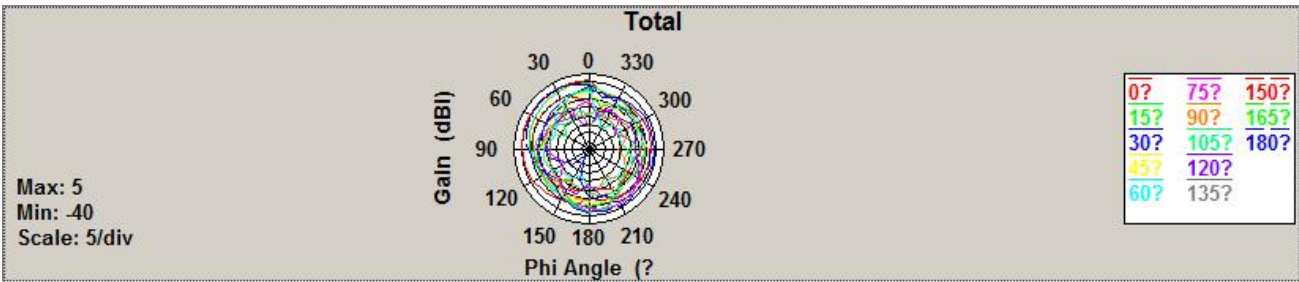
Frequency(MHz)	Efficiency(dB)	Efficiency(%)	Gain(dBi)
2400	-9.321	11.691	0.831
2410	-9.361	11.583	0.924
2420	-9.470	11.296	0.927
2430	-9.319	11.696	1.700
2440	-9.293	11.766	0.785
2450	-9.482	11.266	0.151
2460	-9.517	11.174	-0.280
2470	-9.704	10.704	-0.561
2480	-9.639	10.864	-0.562
2490	-9.501	11.215	-0.445
2500	-9.440	11.373	-0.388

3. RADIATION PATTERN

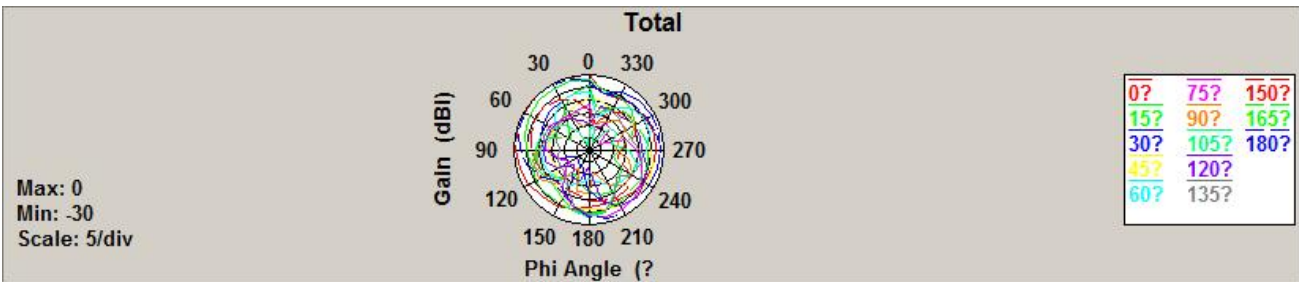
2D POLAR RADIATION PATTERN
FREQUENCY=2400MHZ



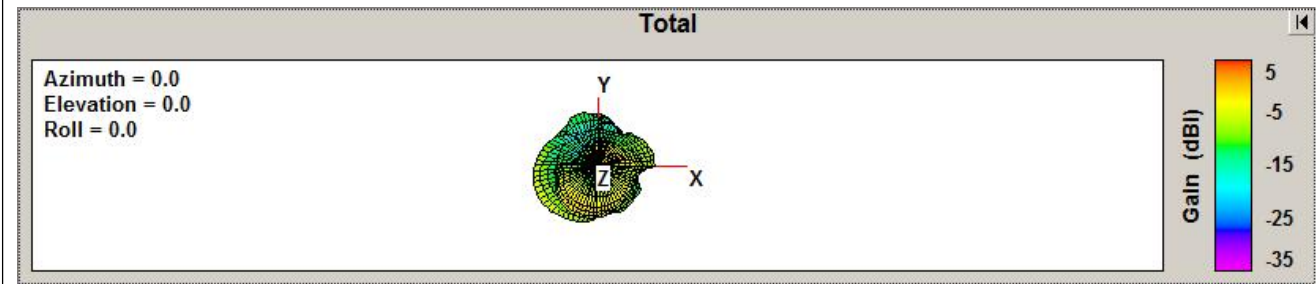
FREQUENCY=2450MHZ



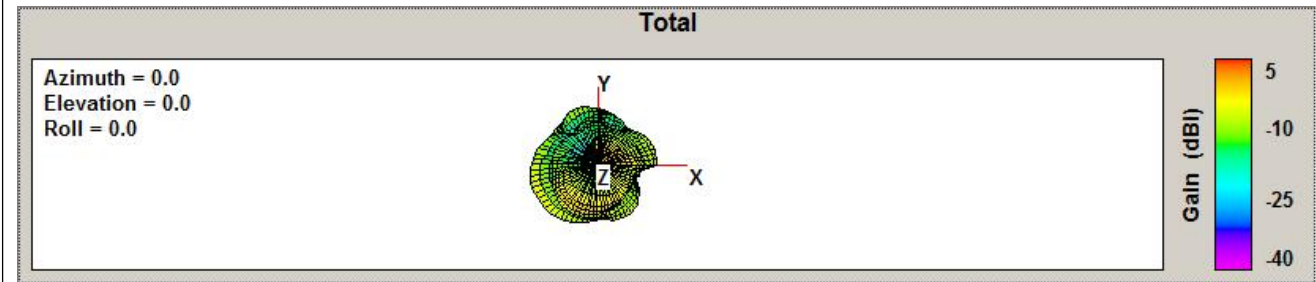
FREQUENCY=2500MHZ



3D RADIATION PATTERN
FREQUENCY=2400MHZ



FREQUENCY=2450MHZ



FREQUENCY=2500MHZ

