



Antenna Specification

Manufacture: SYL

Product Name: HJ-DX03-BT 大秀 Antenna

Antenna Type: PCB

Test Date: 2026/7/14

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



1、General Description

Manufacturer:	Dong Guan SYL Technology CO.,LTD
Address:	Room 701, Building 6, No. 15, Yi Heng Road, Liánfēng, Dàtáng, Dalingshan Town, Dongguan City, Guangdong Province,China
Product Name:	HJ-DX03-BT 大秀 Antenna
Product model:	HJ-DX03-BT 大秀
Antenna Type:	PCB Antenna
Test Frequency:	2400-2480MHz
Peak Gain (dBi)	2.92dBi
Average Gain (dBi)	> -3 dBi
VSWR:	<1.6 dBi
Impedance:	50Ω
Polarization:	Linear

[illegible]

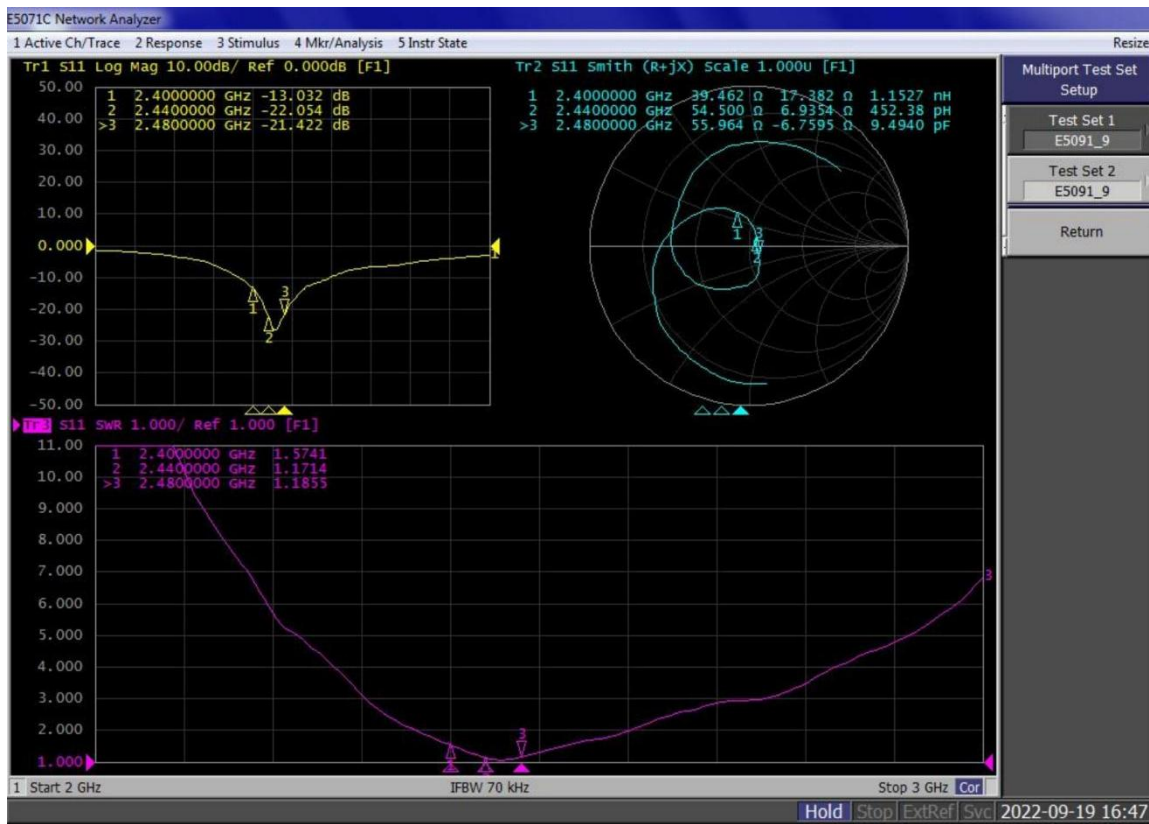


3、Gain and Efficiency

Frequency (MHz)	Gain (dBi)	Efficiency (%)	AverageGain (dBi)	Efficiency (dB)
2400	2.92	72.20%	-1.14	-1.41
2410	1.95	61.36%	-2.05	-2.12
2420	2.00	61.00%	-1.98	-2.15
2430	0.80	47.29%	-3.09	-3.25
2440	0.12	40.82%	-3.87	-3.89
2450	0.97	48.41%	-3.08	-3.15
2460	1.28	53.80%	-2.81	-2.69
2470	1.29	51.75%	-2.98	-2.86
2480	1.79	58.79%	-2.45	-2.31
Average	1.46	55.05%	-2.61	-2.65
Peak	2.92	72.20%	-1.14	-1.41

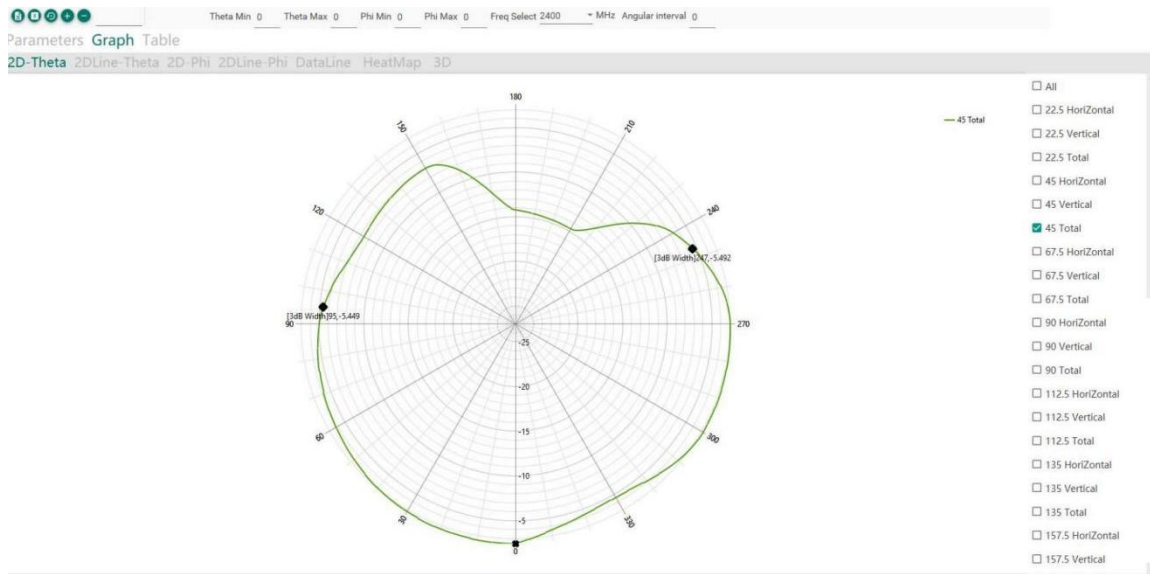


4、VSWR; ReturnLoss

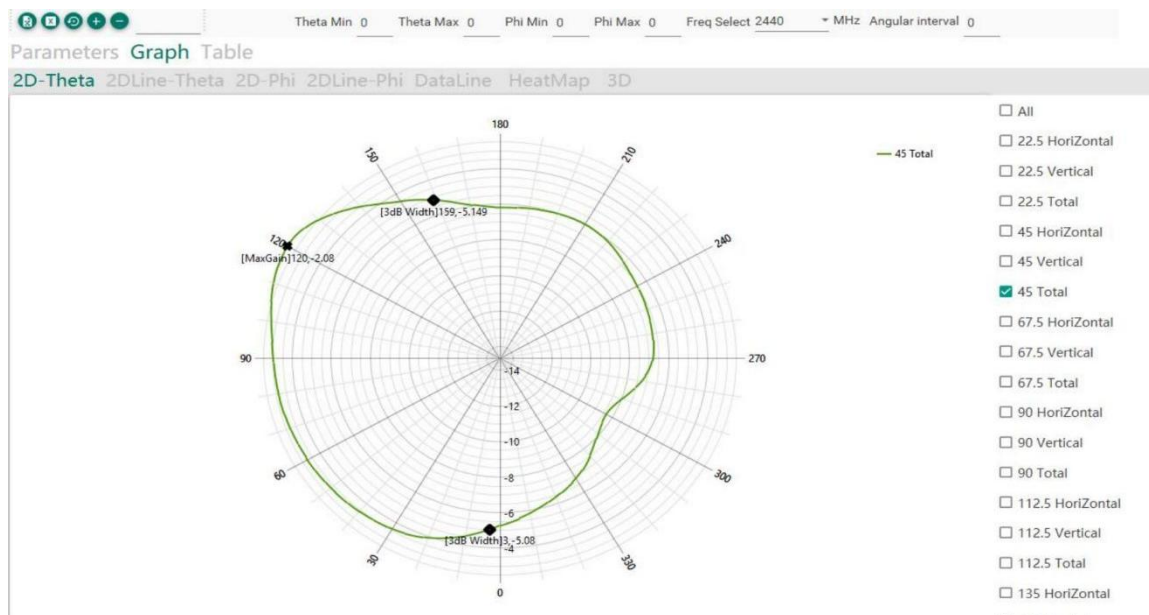




5、2400MHz 2D-Theta Pattern

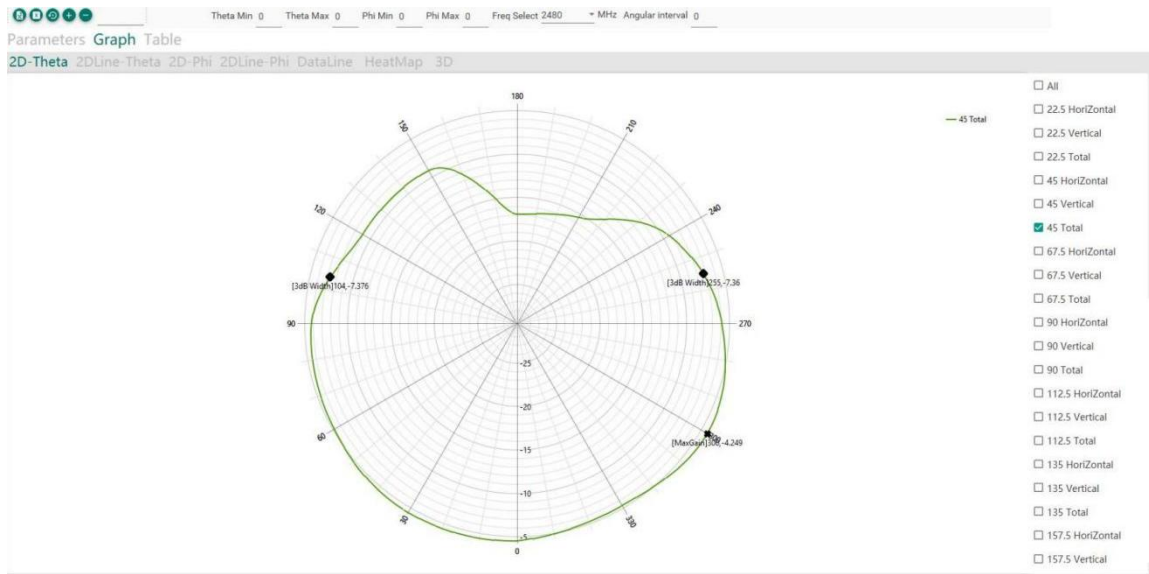


6、2440MHz 2D-Theta Pattern

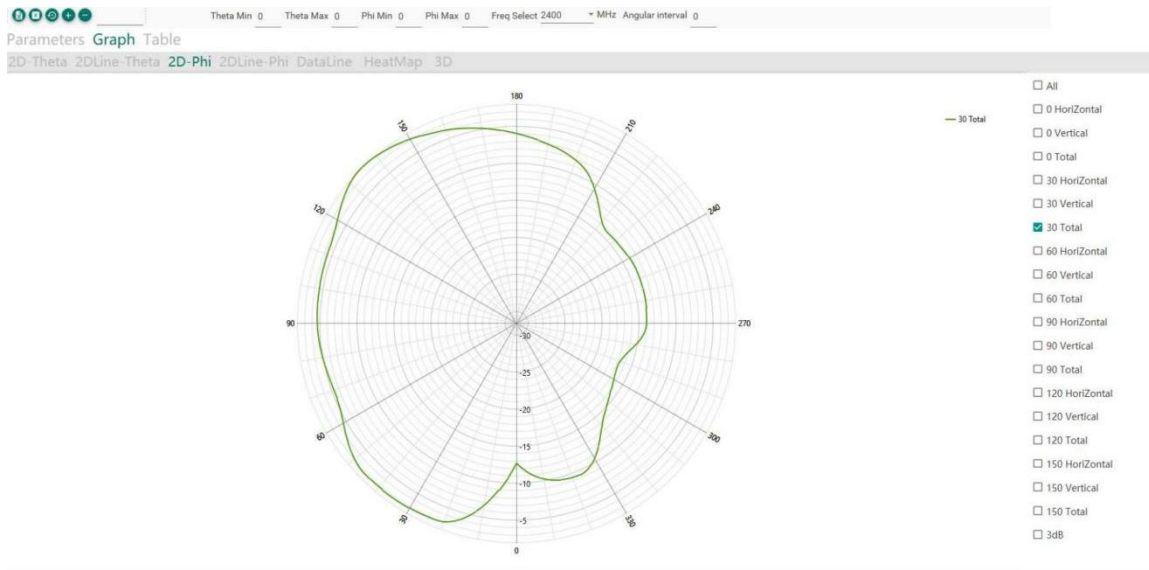




7、2480MHz 2D-Theta Pattern

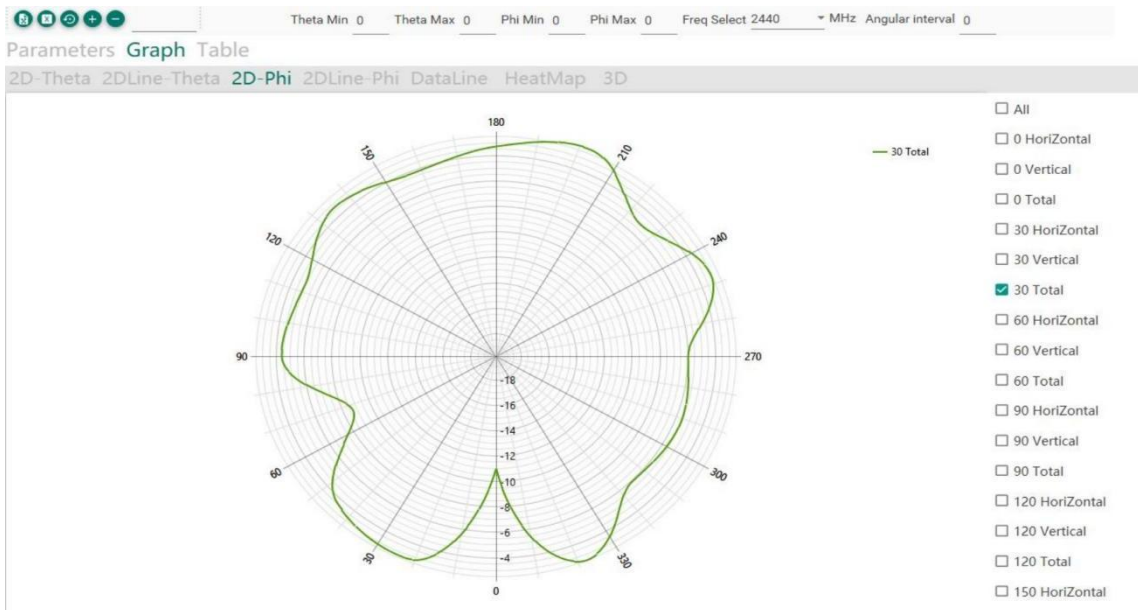


8、2400MHz 2D-Phi Pattern

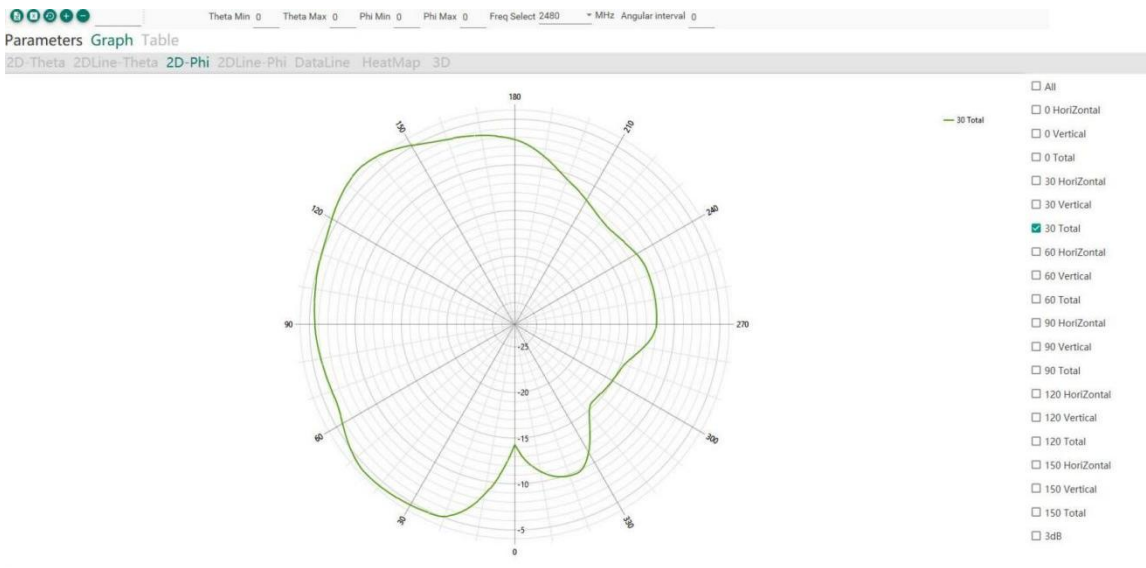




9、2440MHz 2D-Phi Pattern

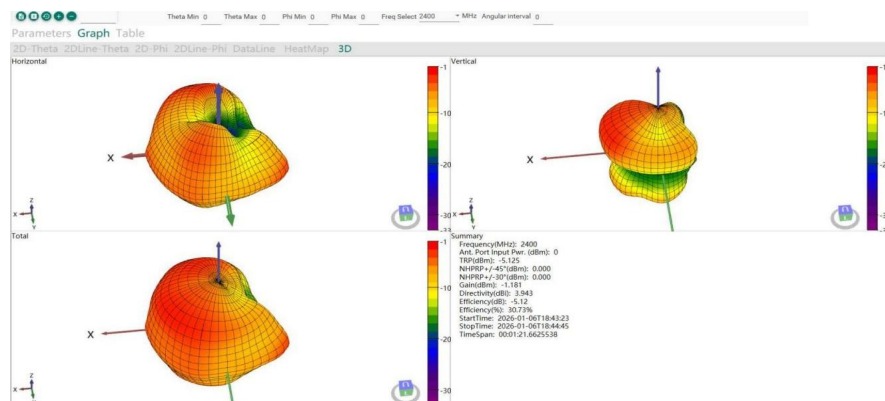


10、2480MHz 2D-Phi Pattern

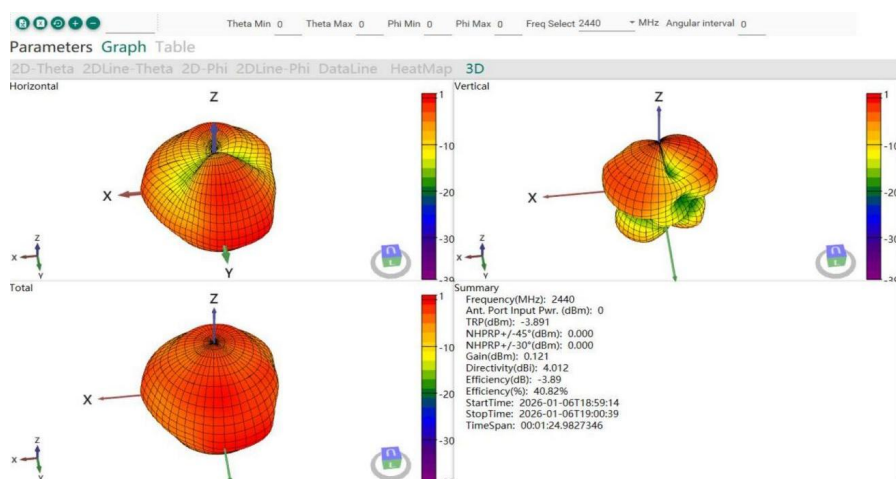




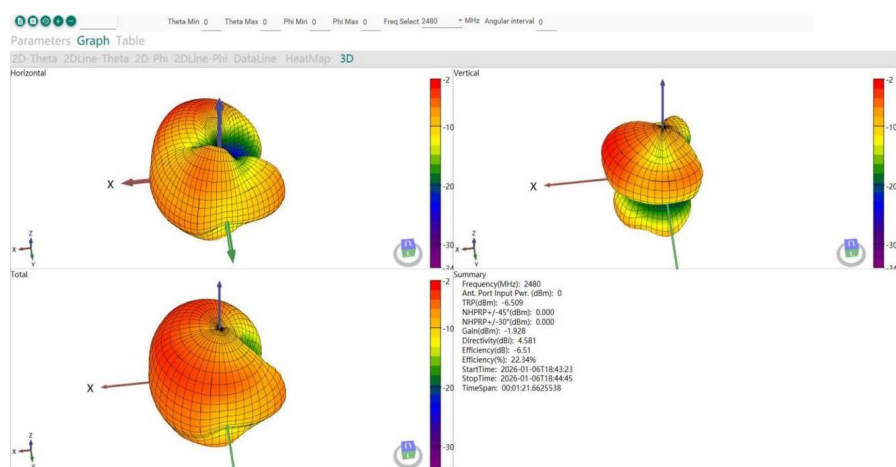
11、2400MHz 3D-Total Pattern



12、2440MHz 3D-Total Pattern



13、2480MHz 3D-Total Pattern



14、 Test Setup Photo

