

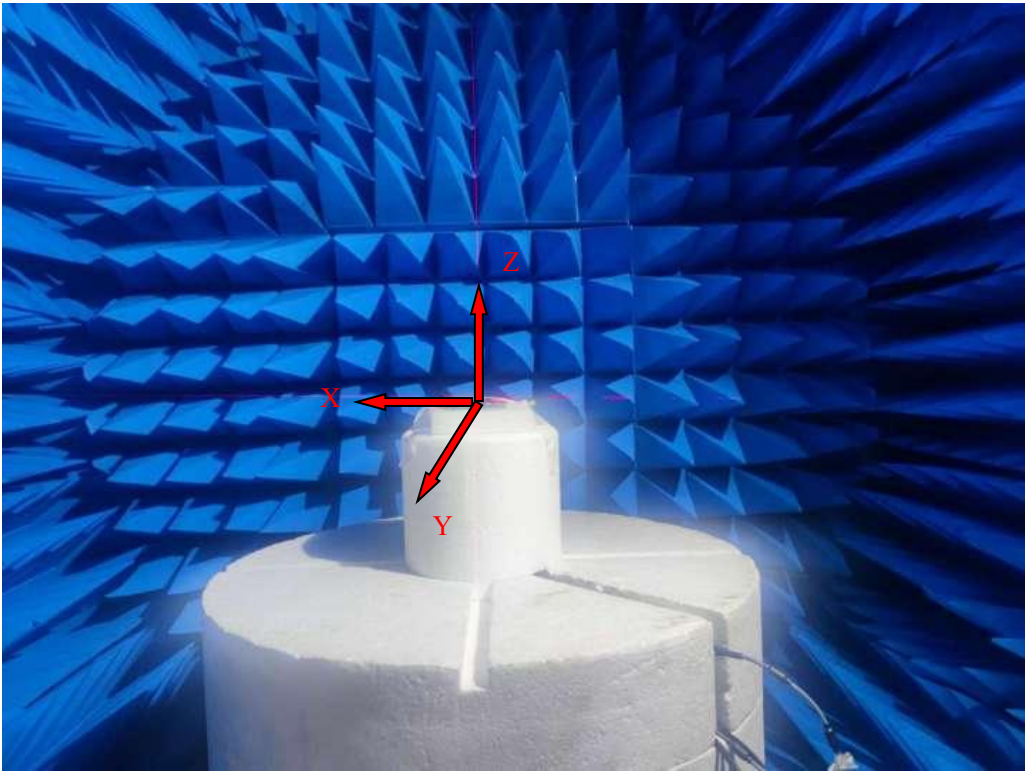
Antenna_Specification

Manufacturer: Yongkang Saihan Technology Co.,Ltd

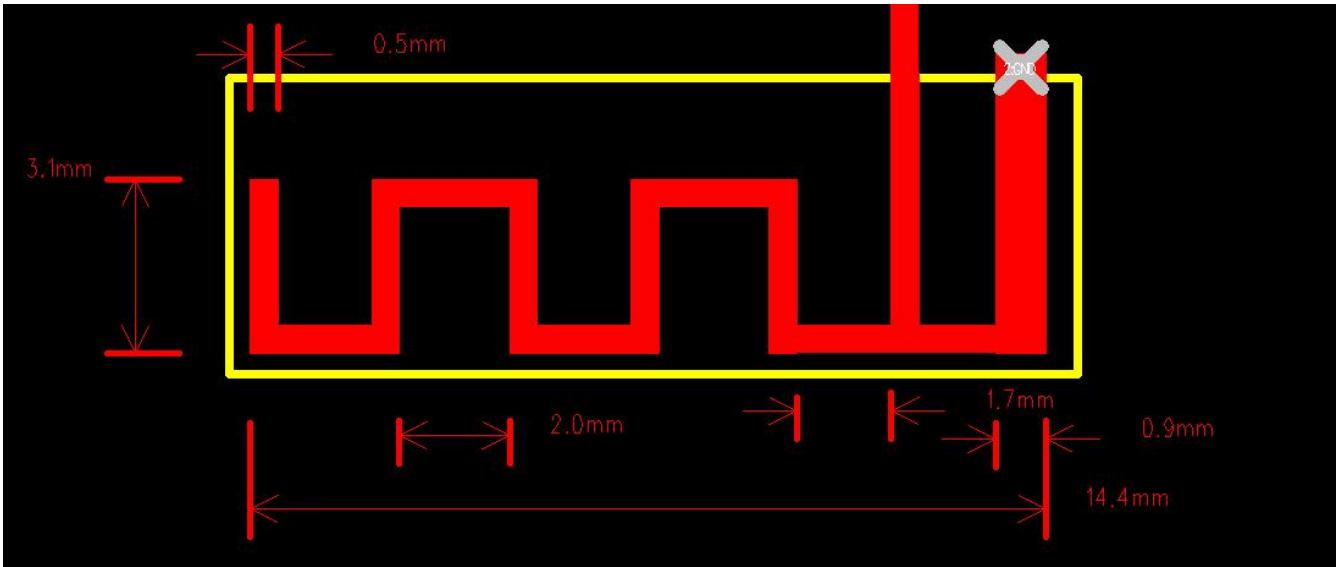
Model: CS-WP6

SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain (dBi)	4.015
Average Gain (dBi)	>-4
VSWR	<1.6
Impedance (Ω)	50Ω
Antenna Type	Plannar Inverted F Antenna on board
Polarization	Linear

Test environment

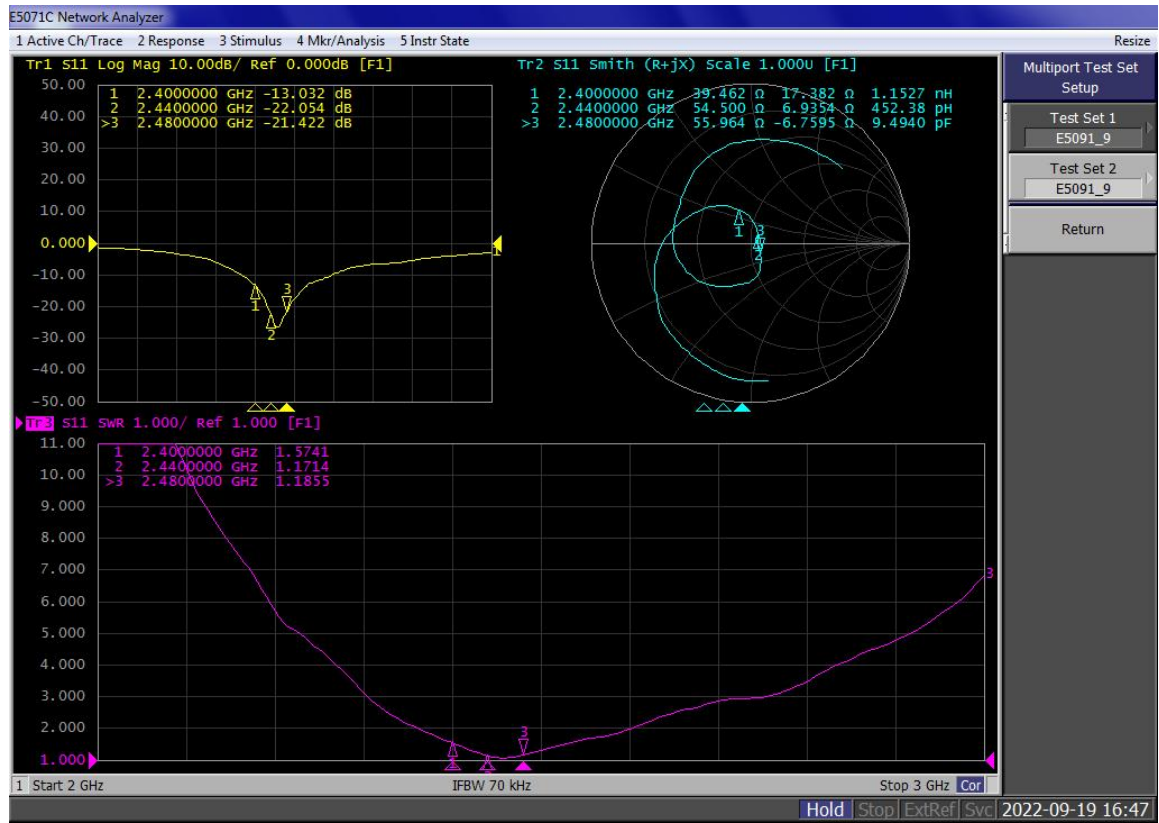


Antenna dimensions



Passive S parameter of antenna:

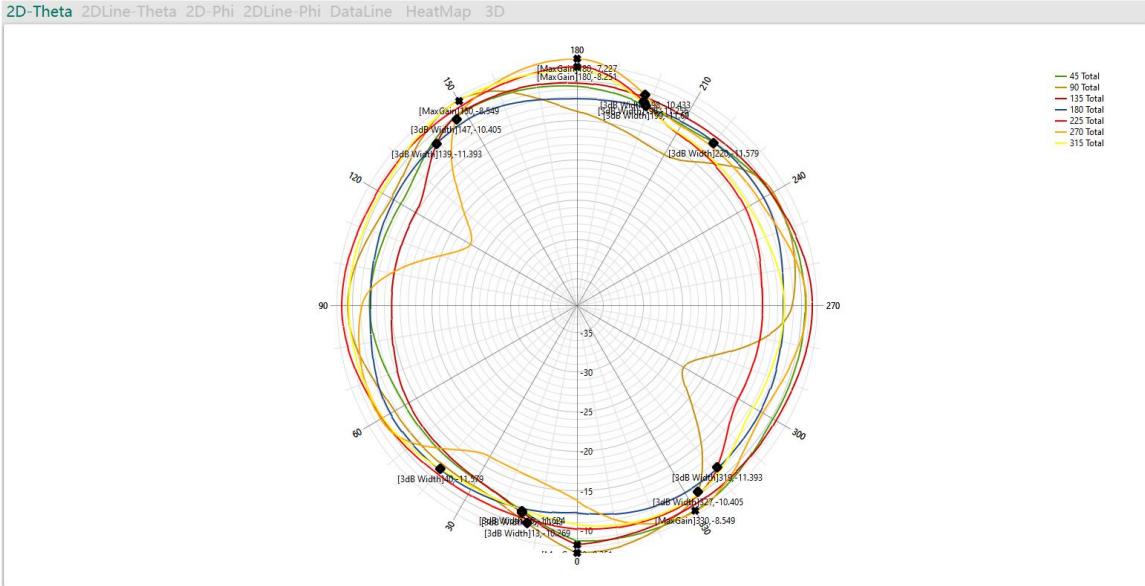
驻波比 (VSWR)、回波损耗 (Return Loss) And Smith circle



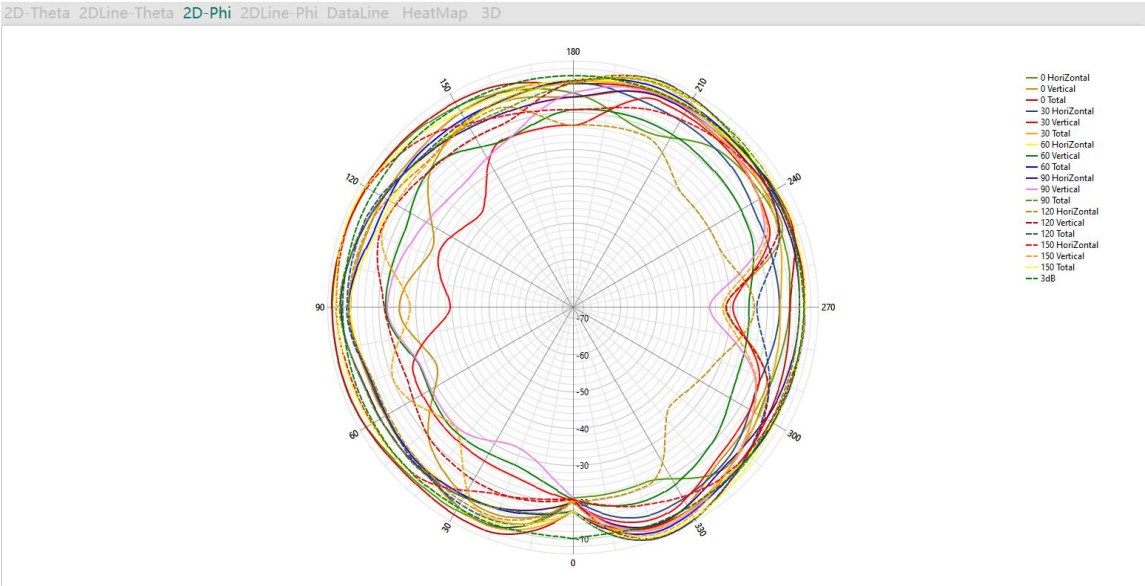
Antenna efficiency and gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)	AverageGain (dBi)	Efficiency (dB)
2400	0.664	54.12%	-3.155	-2.666
2410	0.568	49.63%	-3.781	-3.043
2420	0.262	46.10%	-3.949	-3.363
2430	0.696	48.69%	-3.679	-3.126
2440	1.144	48.47%	-3.738	-3.145
2450	1.59	51.42%	-3.288	-2.889
2460	2.297	55.46%	-2.914	-2.561
2470	3.25	62.98%	-2.21	-2.008
2480	4.015	71.61%	-1.617	-1.45
Average	1.610	54.28%	-3.148	-2.695
Peak	4.015	71.61%	-1.617	-1.45

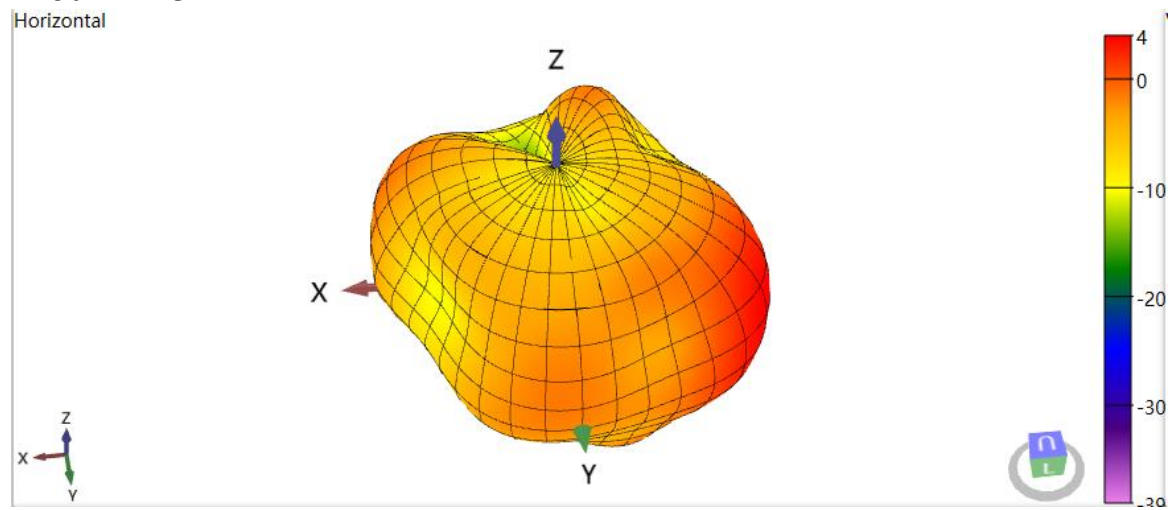
2480MHz 2D-Theta Pattern



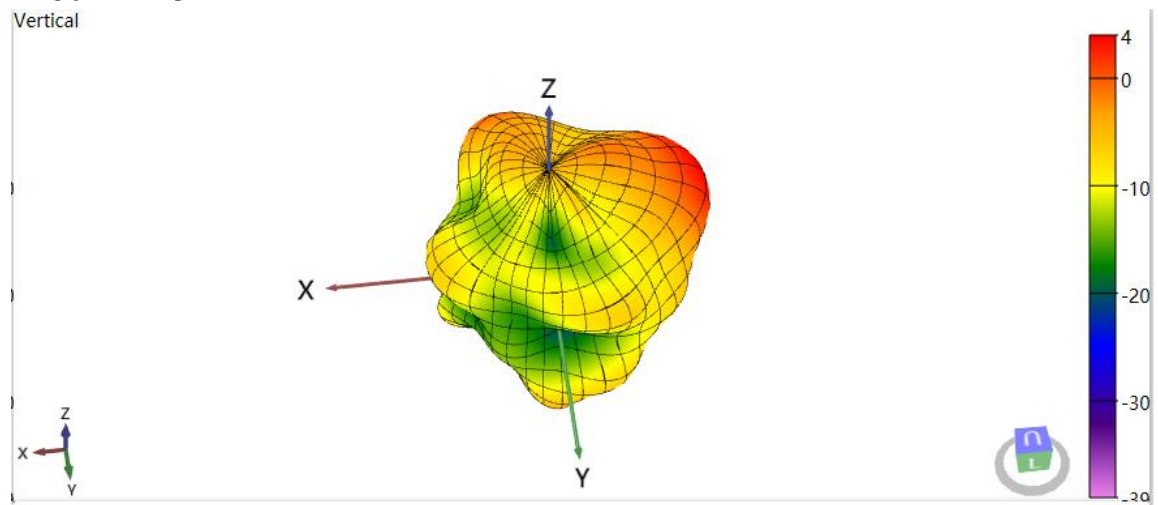
2480MHz 2D-Phi Pattern



2480MHz 3D-Horizontal Pattern



2480MHz 3D-Vertical Pattern



2480MHz 3D-Total Pattern

