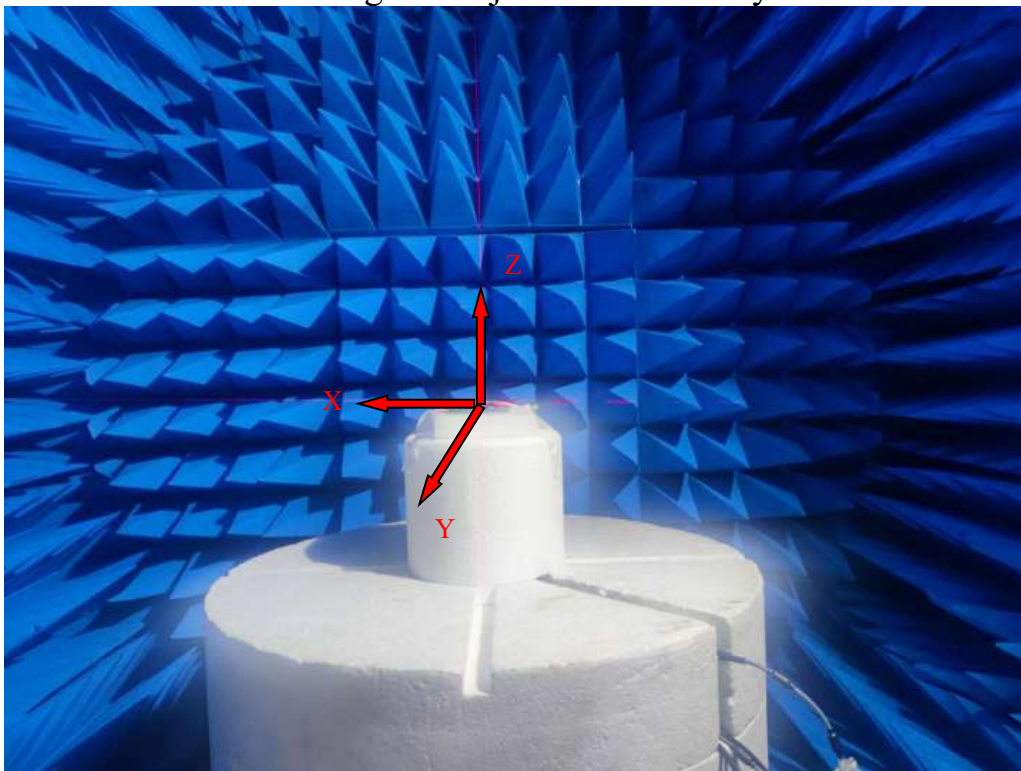


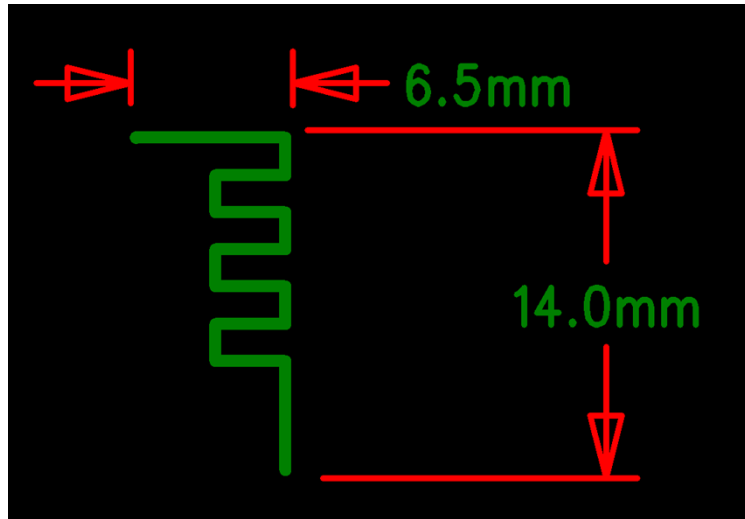
Antenna Specification

SPECIFICATIONS	
Frequency (MHz)	2400-2450
Peak Gain (dBi)	2.50
VSWR	<3.2
Impedance (Ω)	50 Ω
Antenna Type	Plannar Inverted F Antenna on board
Polarization	Linear

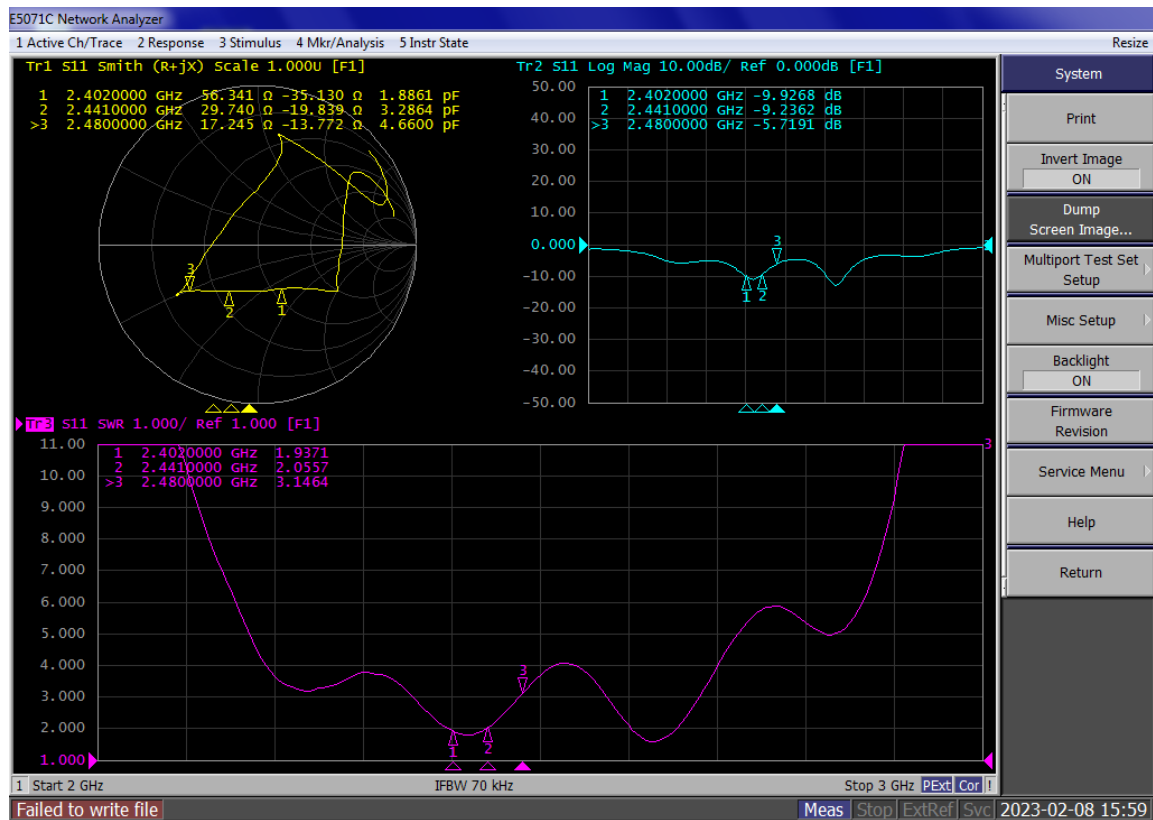
Test environment: Zhongke Guoji darkroom test system



Antenna and physical dimensions



Antenna Passive S Parameters: VSWR, Return Loss

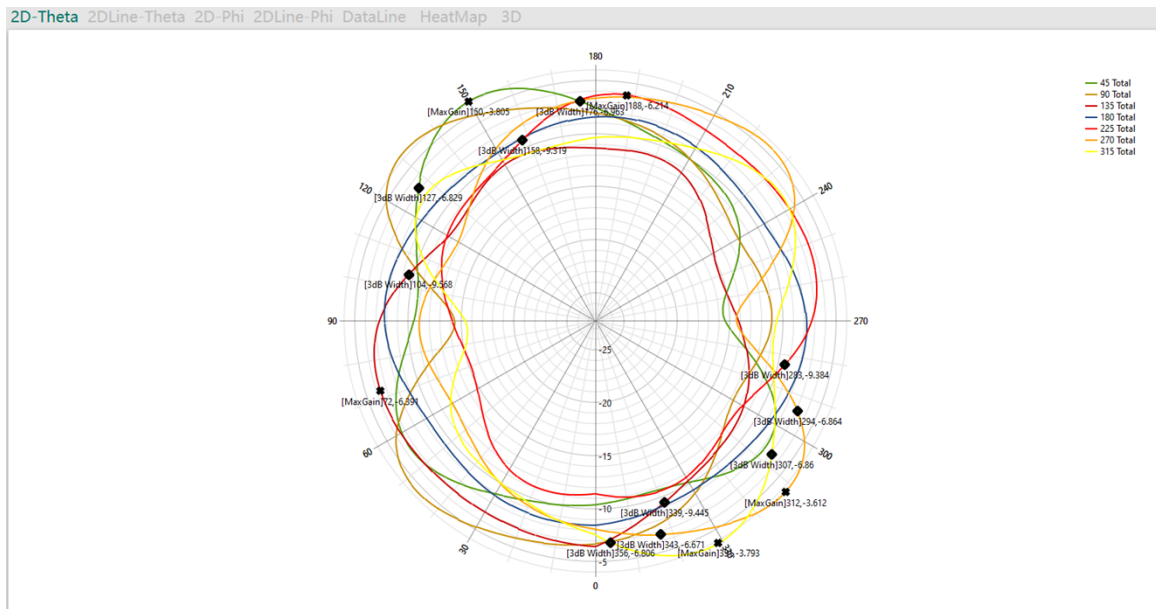


Antenna efficiency and gain

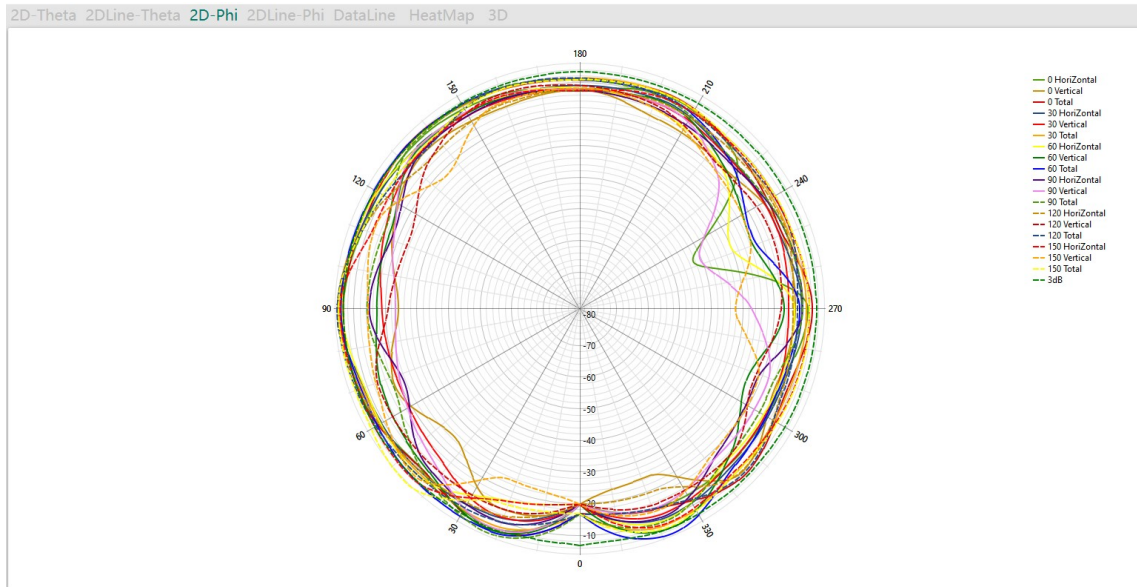
Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	1.43	59.329%
2410	0.93	51.861%
2420	0.83	52.112%
2430	0.88	49.299%
2440	1.19	50.672%
2450	1.69	53.067%
2460	2.19	59.423%
2470	2.12	56.680%
2480	2.50	61.727%
2490	2.39	58.724%
2500	2.28	60.758%

Pattern

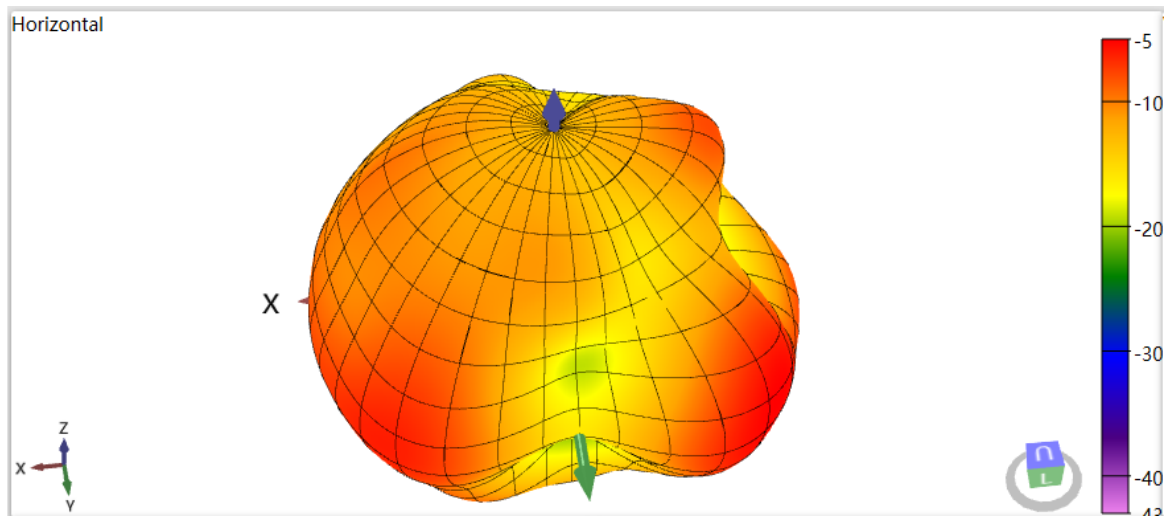
2450MHz 2D-Theta Pattern



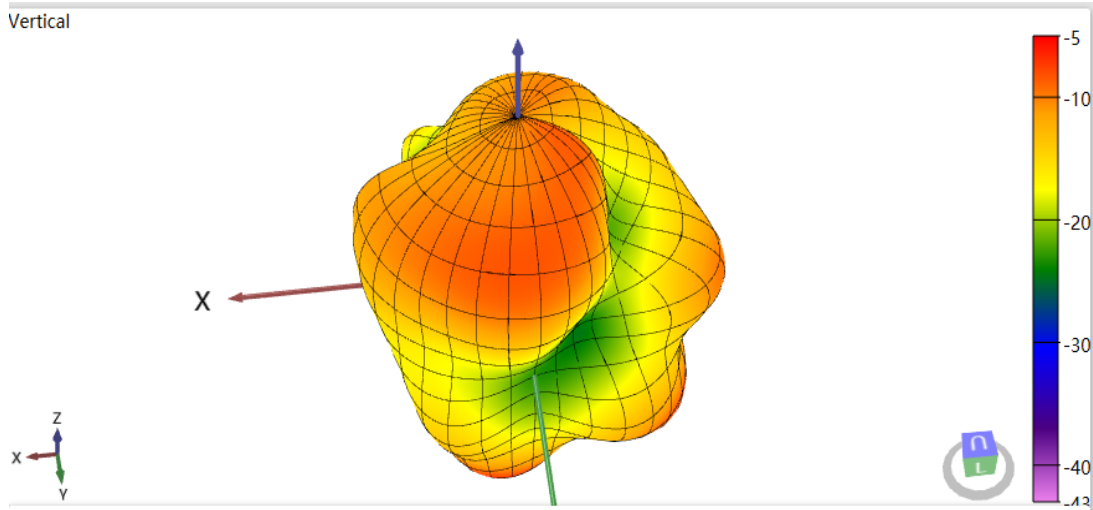
2450MHz 2D-Phi Pattern



2450MHz 3D-Horizontal Pattern



2450MHz 3D-Vertical Pattern



2450MHz 3D-Total Pattern

