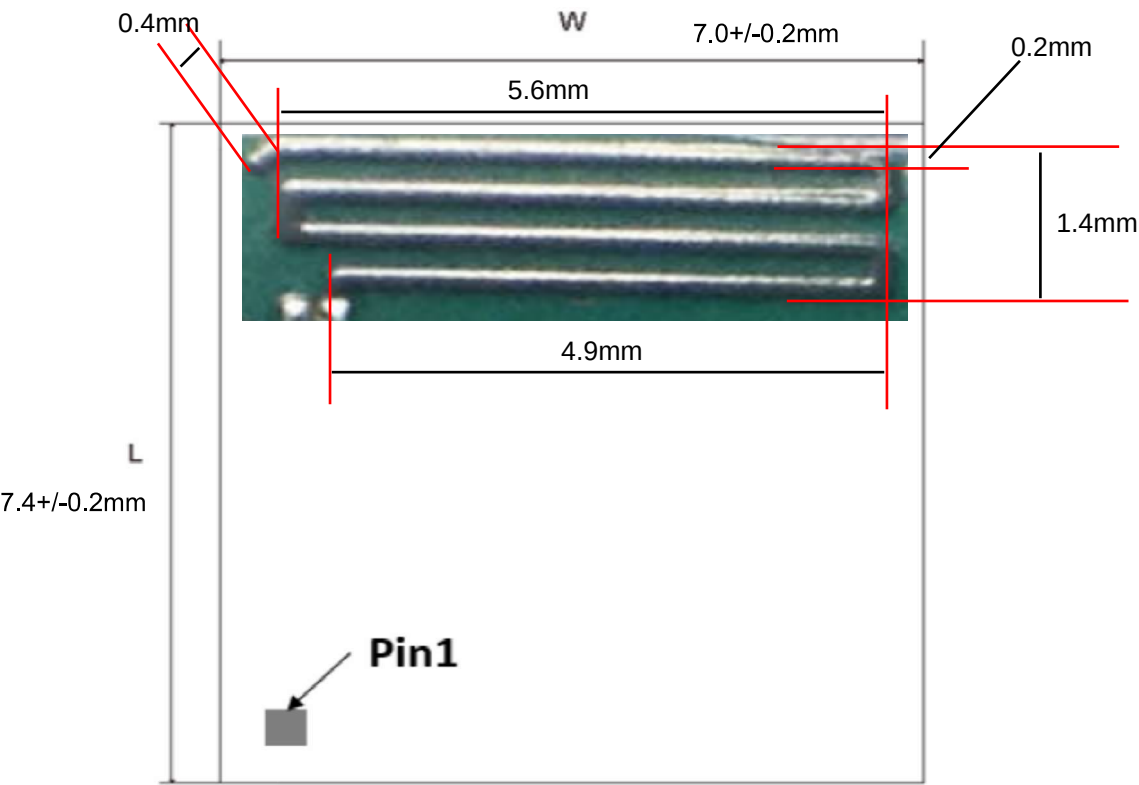


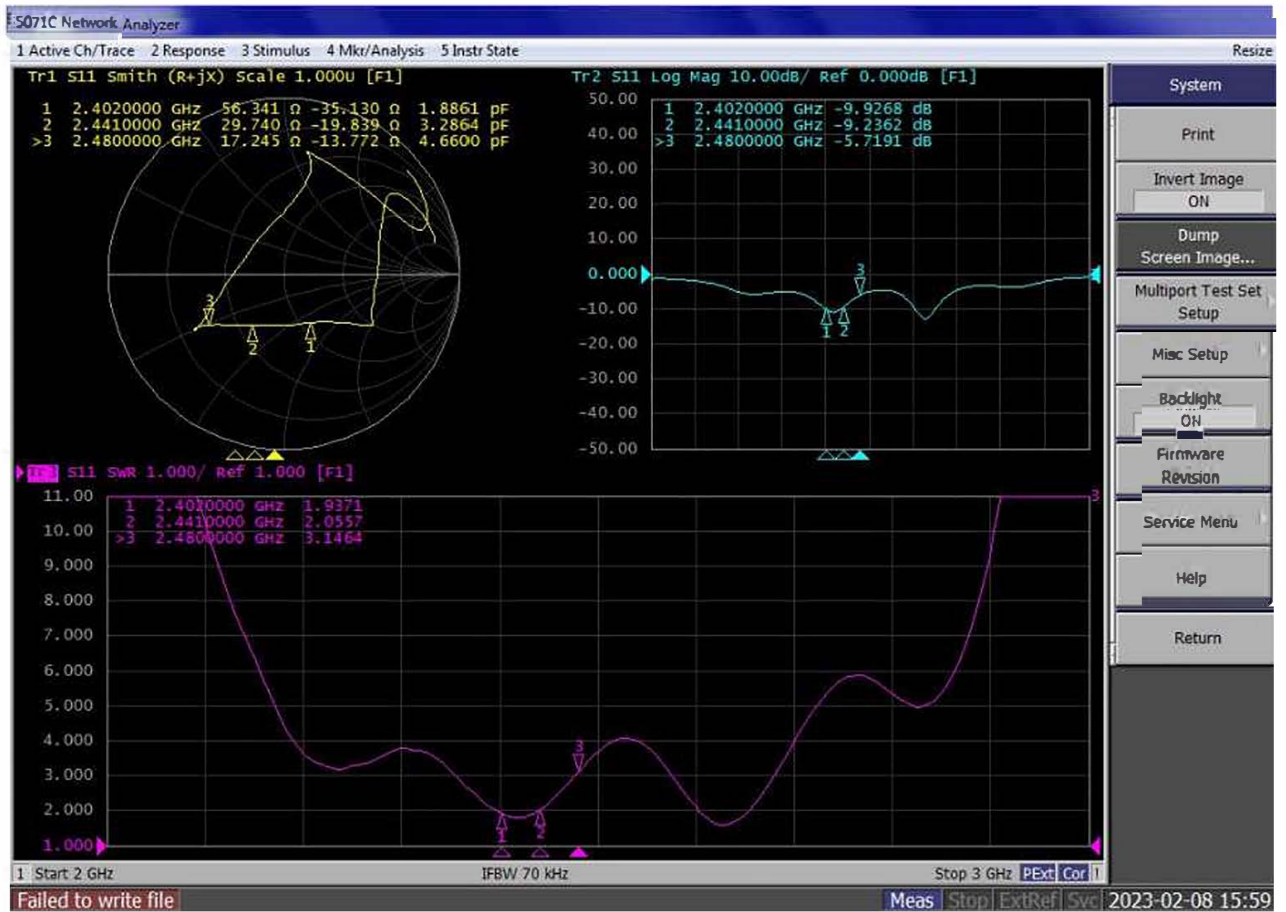
2. 4G-2.48G Inverted FAntenna Specification

SPECIFICATIONS	
Frequency (MHz)	2400-2480
PeakGain(dBi)	-2.5
Average Gain(dBi)	>-4
VSWR	<3.2
Impedance (Ω)	50 Ω
Antenna Type	Plannar Inverted F Antenna on board
Polarization	Linear
Manufacture	SE Factory B.V.
Address:	De Deimten 7, 9747 AV Groningen, Netherlands
Test equipment	HWA-TECH

Antenna Photo & Length(mm)



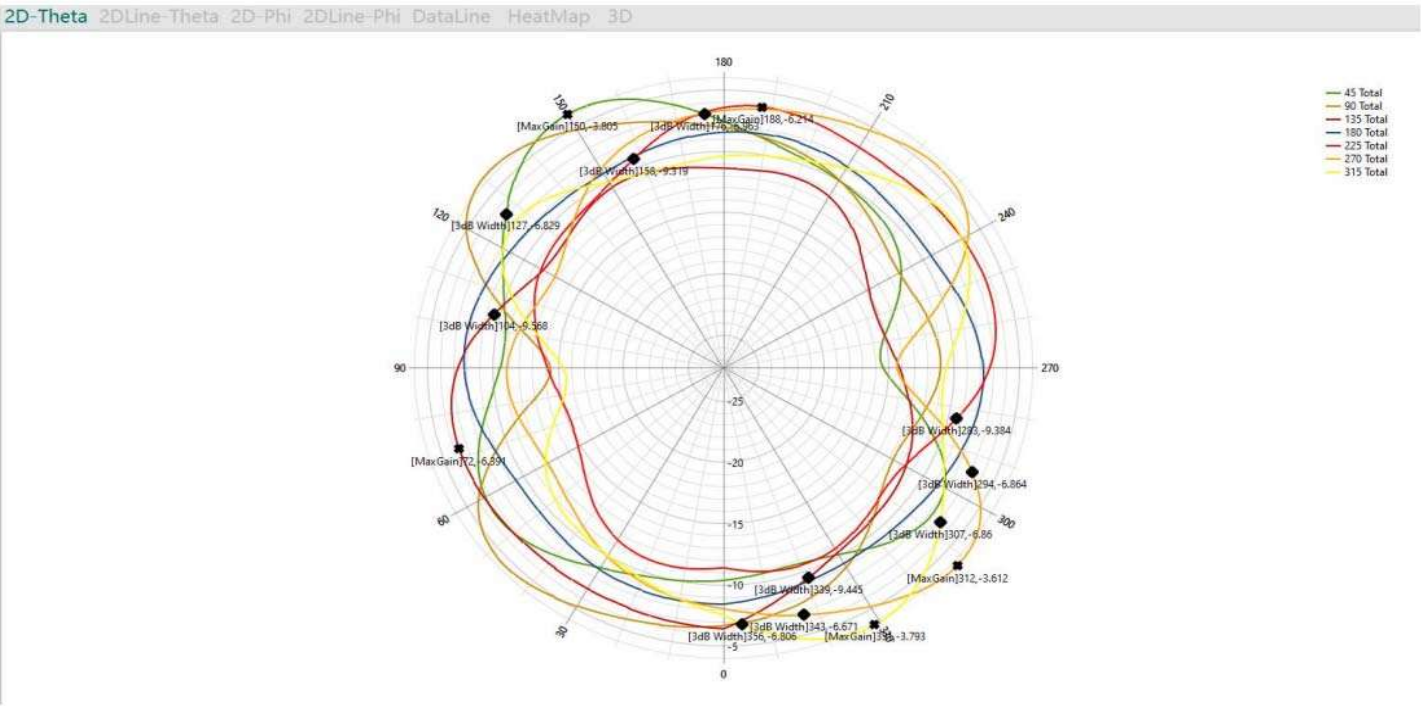
Antenna passive S- parameters:



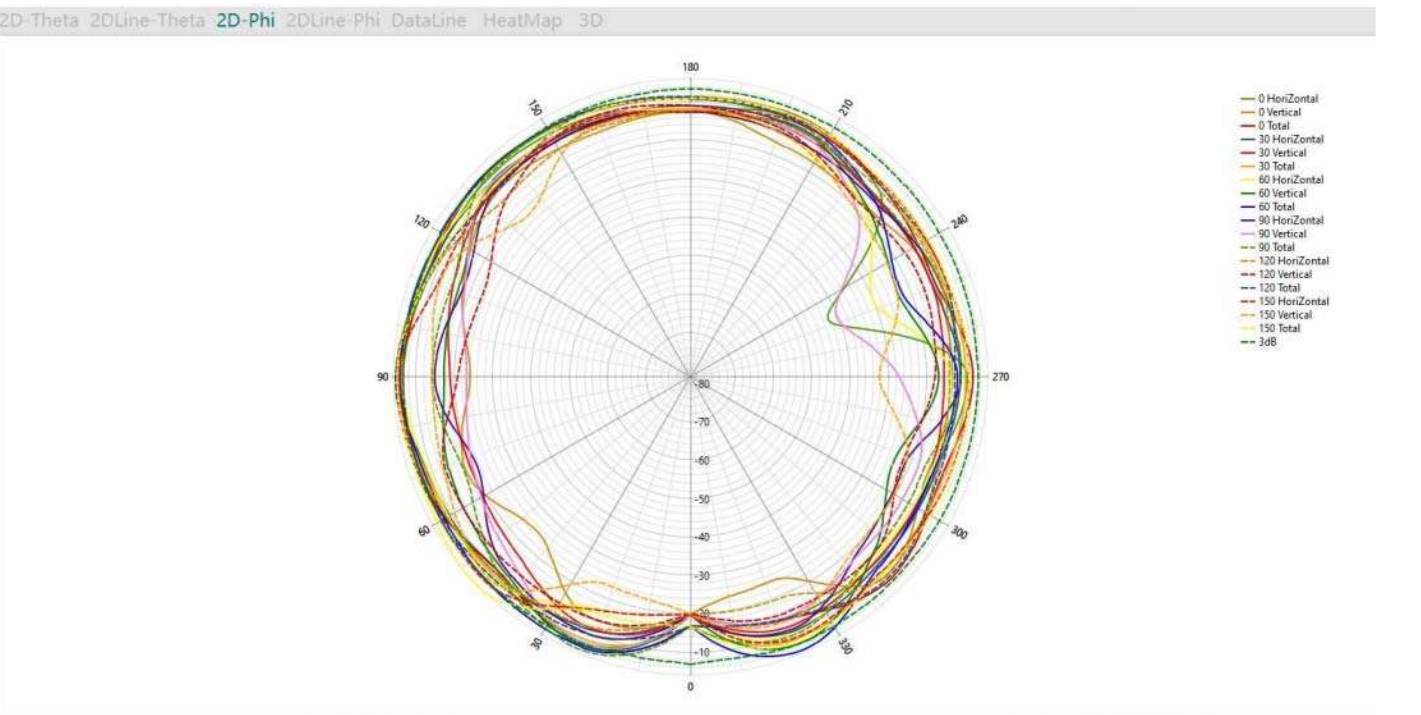
Antenna efficiency and gain:

Frequency (MHz)	Gain (dBi)	Efficiency (%)	Gain (dBi)	Efficiency (d)
2400	-2.717	59.329%	-2.267	
2410	-3.416	51.861%	-2.852	
2420	-3.166	52.112%	-2.831	
2430	-3.258	49.299%	-3.072	
2440	-3.144	50.672%	-2.952	
2450	-2.735	53.067%	-2.752	
2460	-2.576	59.423%	-2.260	
2470	-2.499	56.680%	-2.466	
2480	-2.612	61.727%	-2.095	
Average	-2.806	54.908%	-2.616	
Peak	-2.612	61.727%	-2.095	

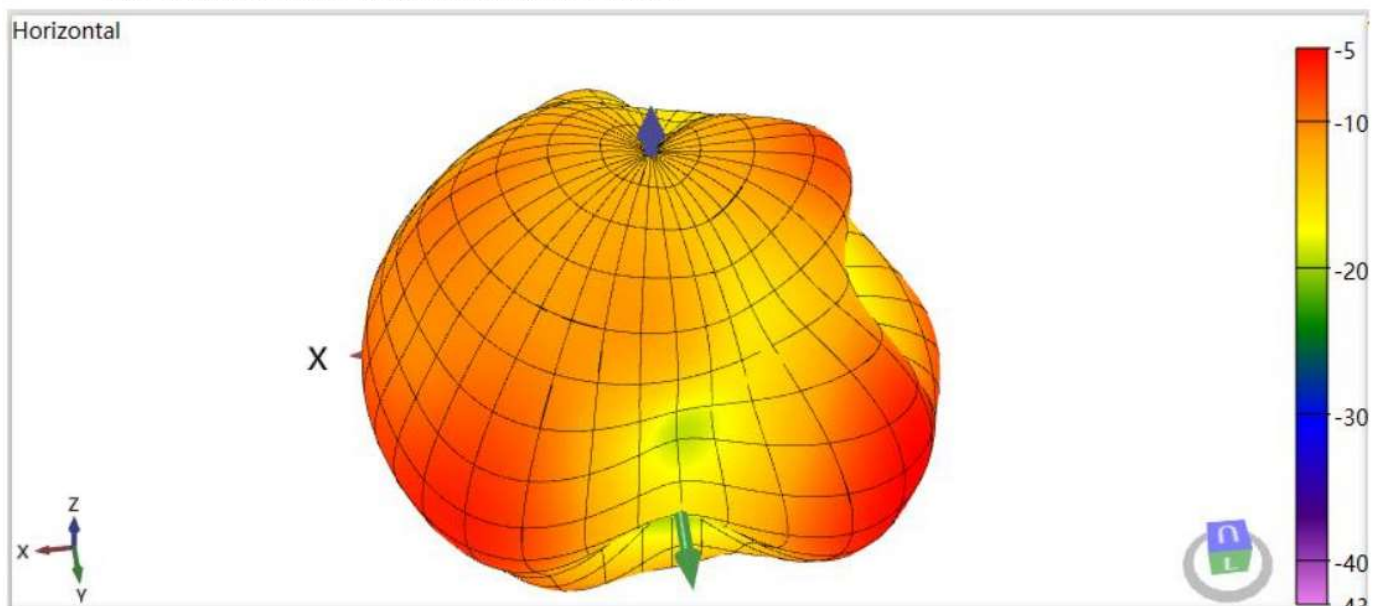
2440MHz 2D- Theta Pattern



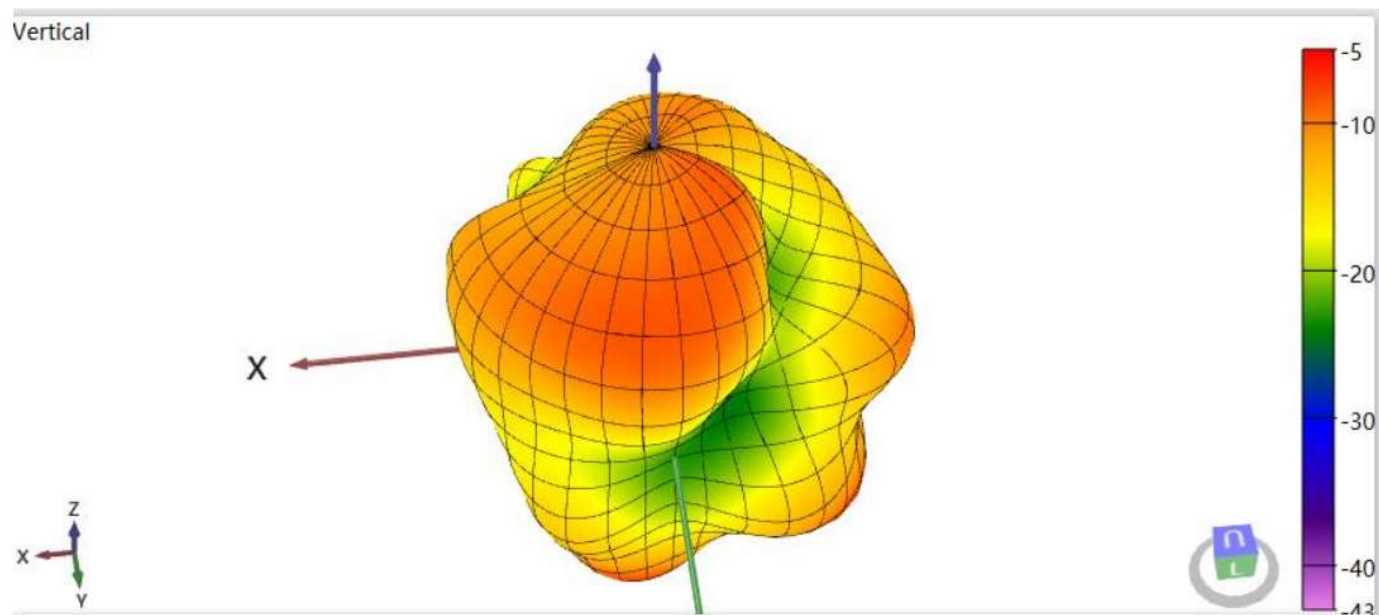
2440MHz2D- Phi Pattern



2440MHz 3D-Horizontal Pattern



2440MHz 3D-Vertical Pattern



2440MHz 3D-Total Pattern

