

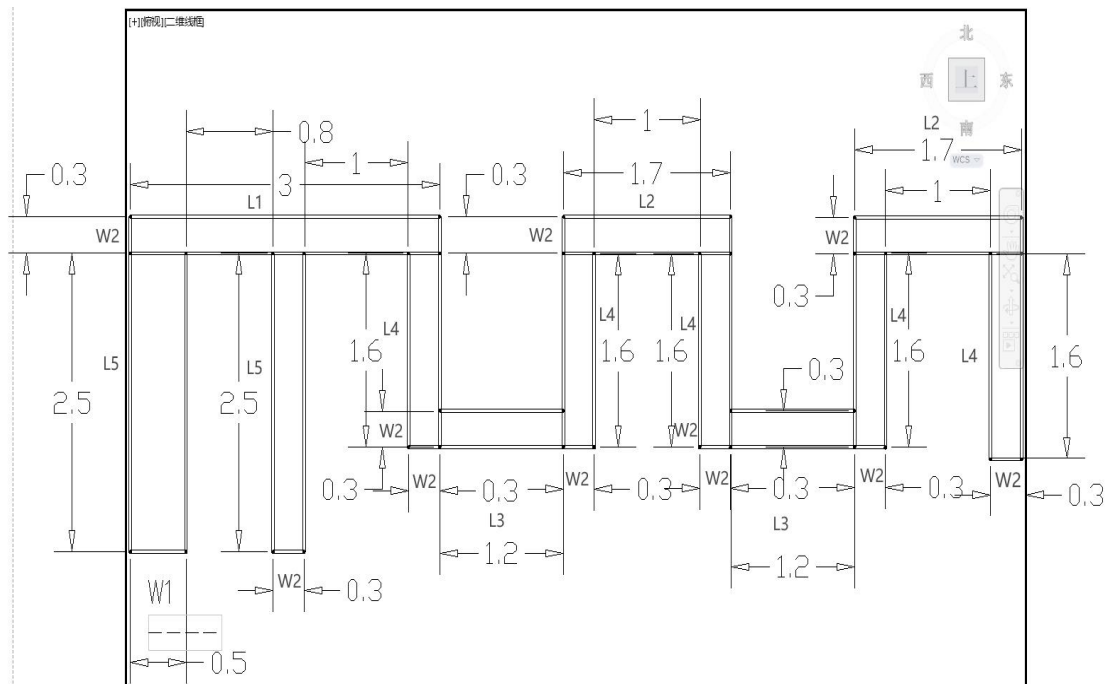
Antenna Specification

Quick Reference Date

Antenna on the system board	
Frequency Range	2400 ~ 2500MHz
Efficiency (dB)	-2.51
Efficiency (%)	18.69%
Max Gain(dBi)	-0.15
Input Impedence (ohm)	50
Polarization Type	Vertical & Horizontal
V.S.W.R	< 2

All the technical data and information contained herein are subject to change without prior notice

Antenna Layout on the system board

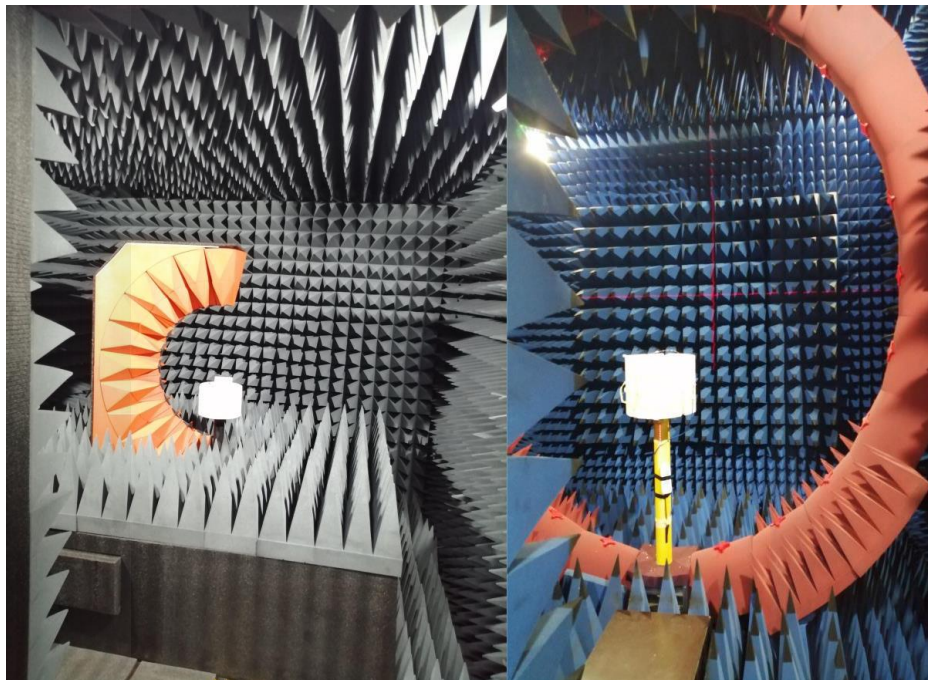
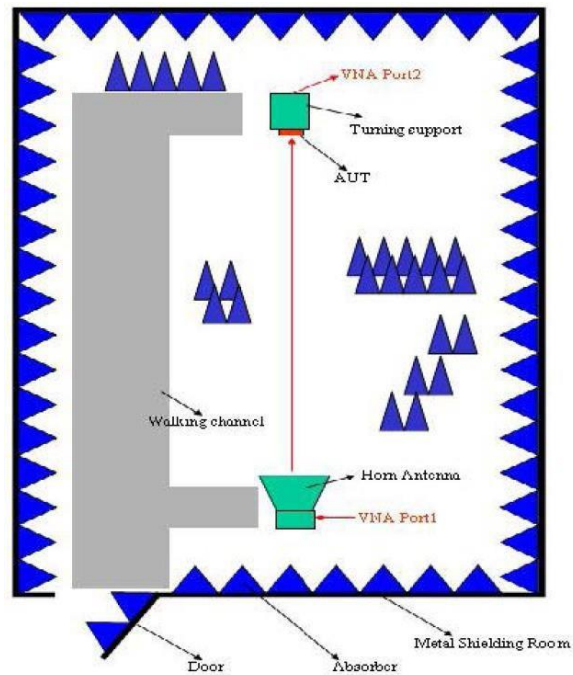


L1	3.0mm
L2	1.7mm
L3	1.2mm
L4	1.6mm
L5	2.5mm
W1	0.5mm
W2	0.3mm

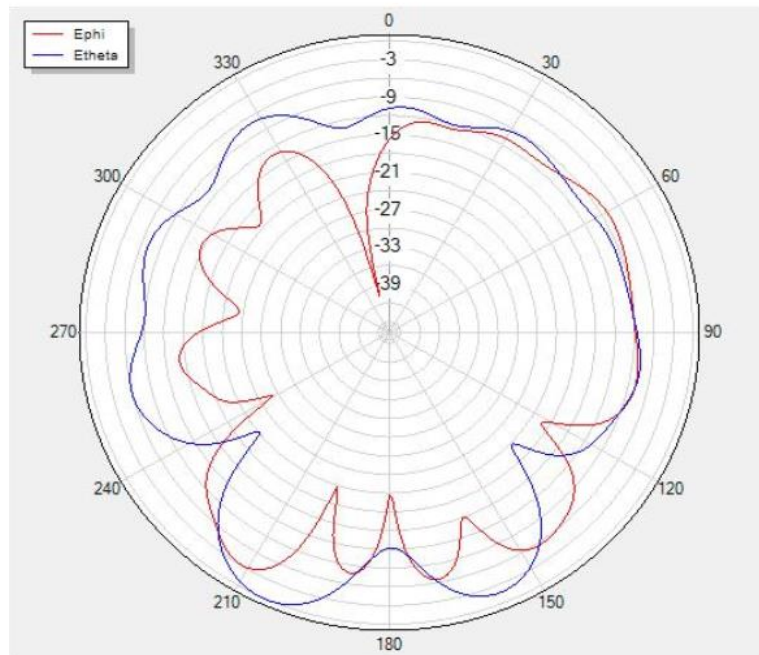
Efficiency & Antenna Gain

FREQ (Mhz)	Efficiency(%)	GAIN(DBi)
2400	14.33	-1.5
2450	18.69	-0.15
2500	16.01	-1.54

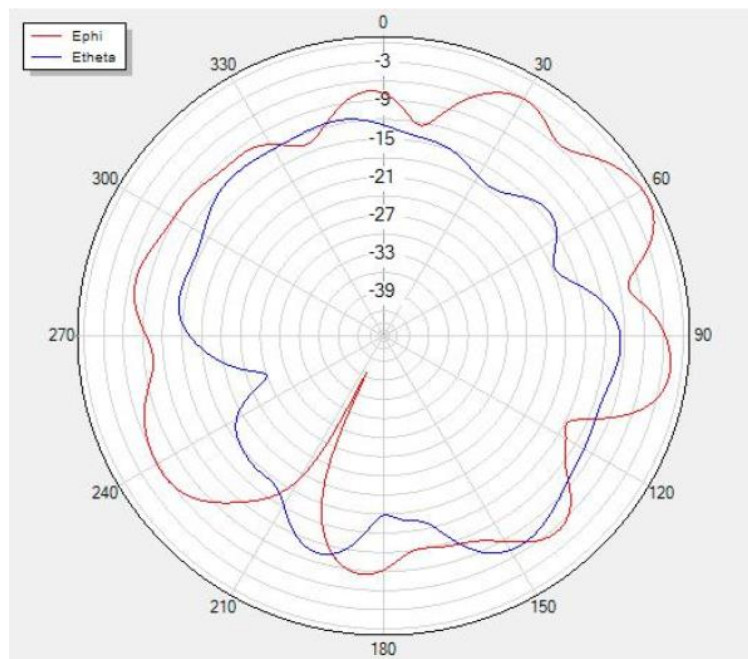
The Environment of Antenna Radiation Pattern



$\Phi=0$ freq=2440MHz



$\Phi=90$ freq=2440MHz



Theta=90 freq=2440MHz

