

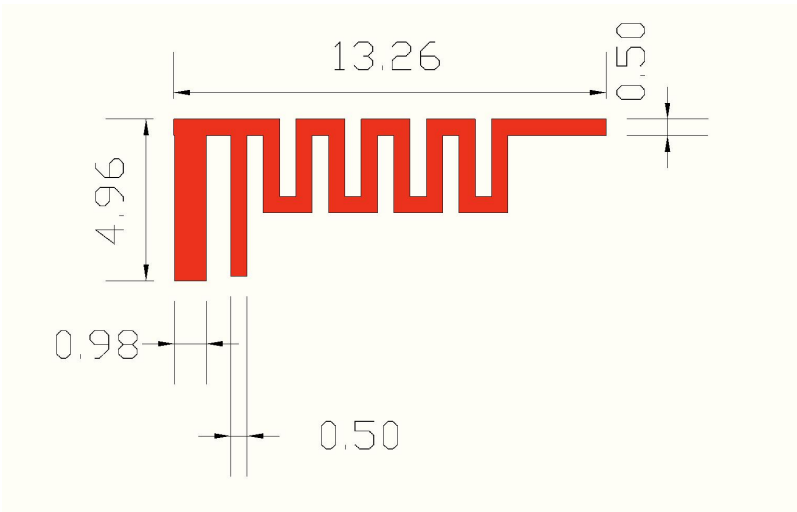
Product specification

Quick Reference Data

	Antenna module on the system board	
Frequenc Range	2400 ~ 2500GHz	
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)	
Tot. Rad. Pwr. (dBm)	-1.1 (Input pwr – loss pwr)	
Peak EIRP(dBm)	0	
Directivity (dBi)	1 (all direction antenna)	
Efficiency (dB)	0.96	
Gain (dBi)	1.6 (PK Gain XY-plane)	
Maximum Power (dBm)	0 (XY-plane)	
Minimum Power (dBm)	0(XY-plane)	
Avg. Power (dBm)	0(XY-plane)	
Input Impedence(ohm)	50	
Polarization Type	Vertical & Horizontal	
V.S. W. R	< 6	

Manufacturer: Huaxin (Dongguan) Technology Co., Ltd

Antenna Layout

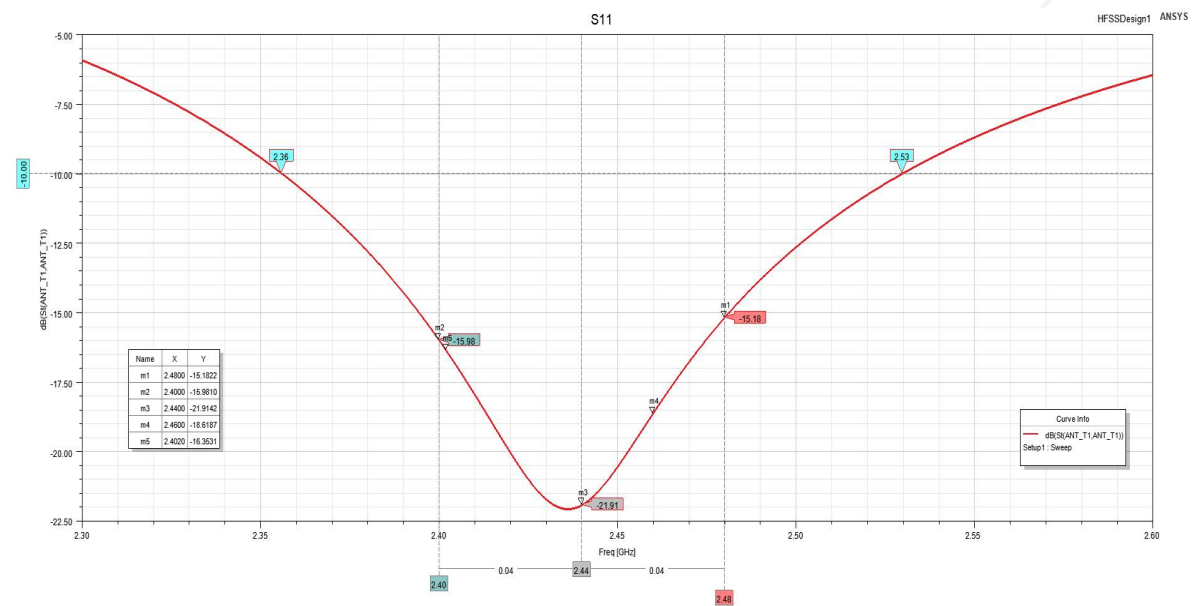


Unit: mm

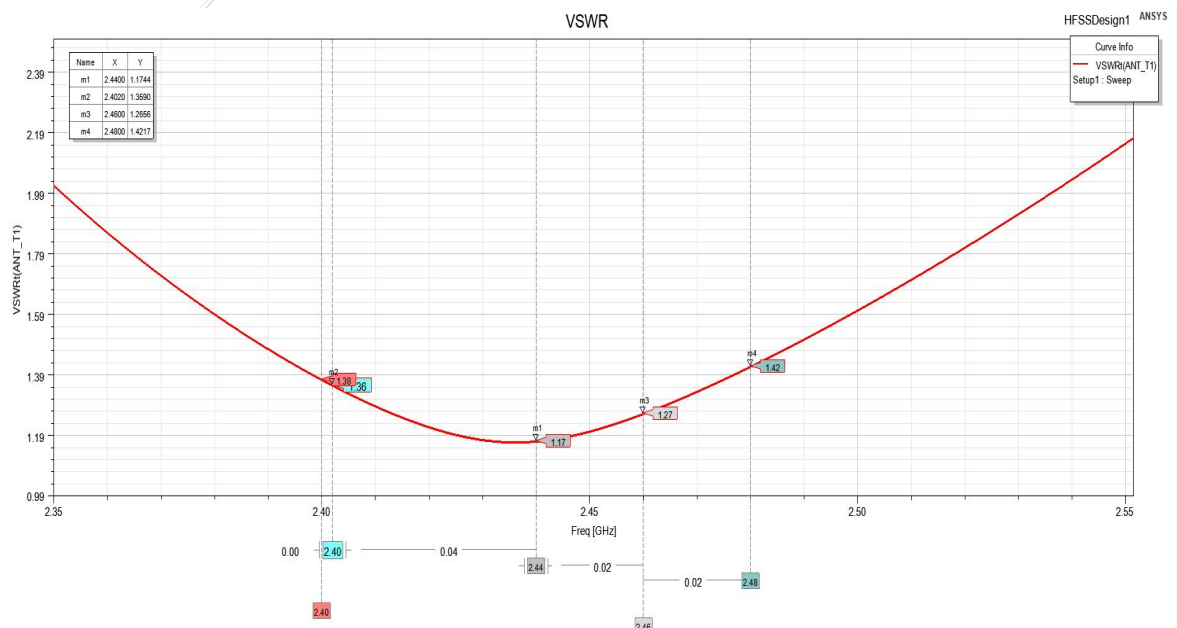
Antenna Gain

Unit in dBi @2.44GHz	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	1.60	0.53	1.53	0.42	1.38	0.51	0

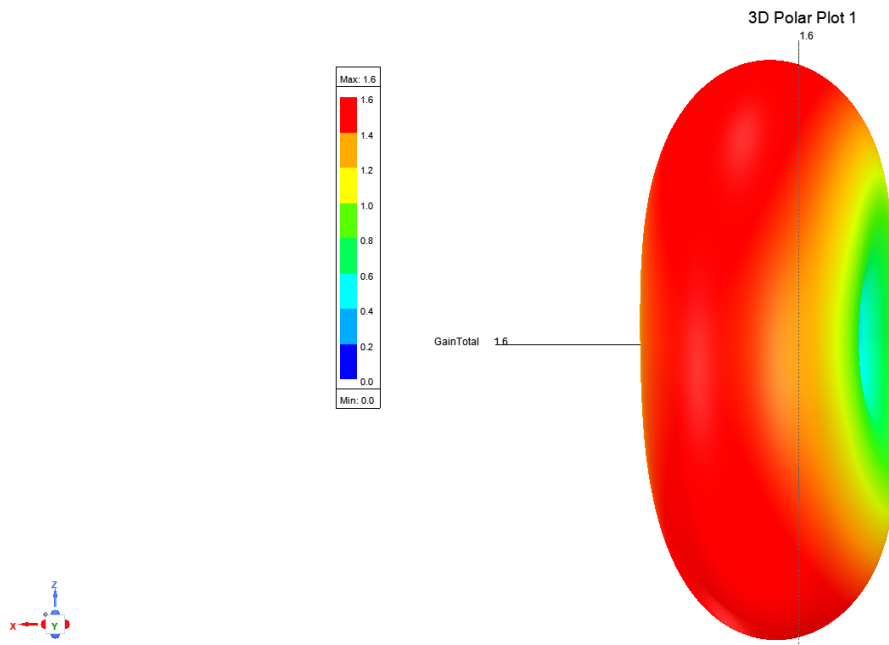
Return Loss



VSWR



3D radiation pattern diagram



Testing frequency: 2440MHz

2D radiation pattern diagram

