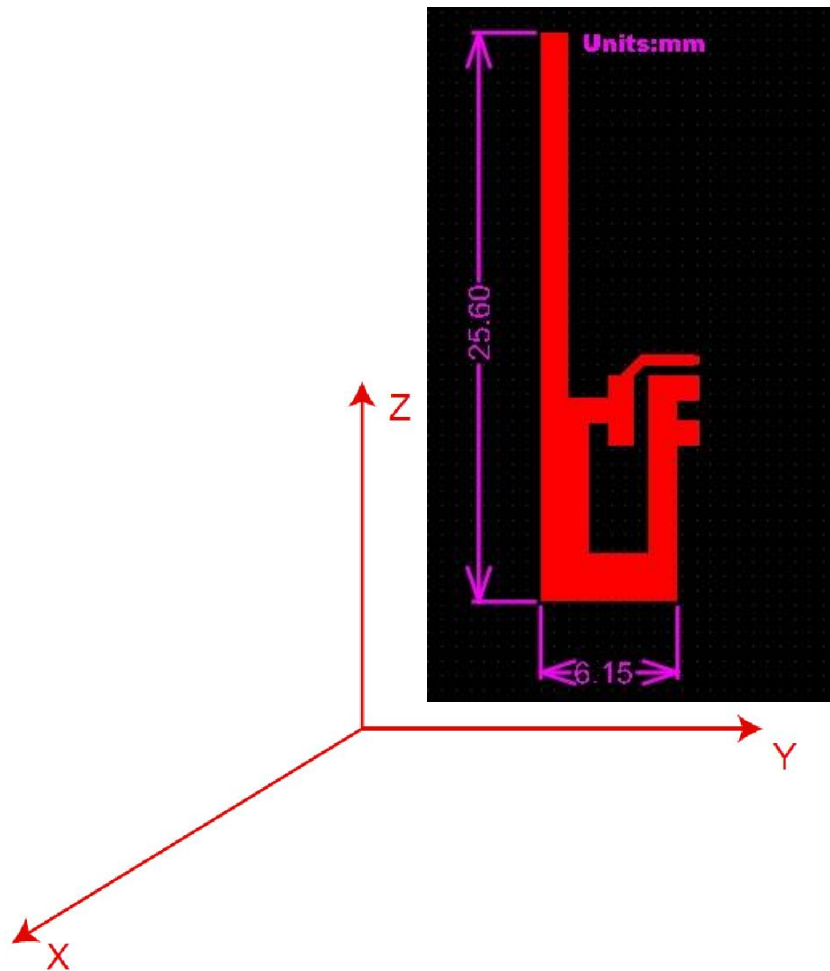


EX4400A-2. 4GHz ANTENNA

Antenna Specification

The antenna radiation pattern measurements are carried out in an anechoic chamber. Radiation patterns are presented for 3D; XZ planes with horizontal and vertical polarization of the receiving antenna.



Measurements are carried out for the module installed in the upper right corner on the reference board with no laminate below the antenna trace.

Radiation Pattern for Antenna Trace

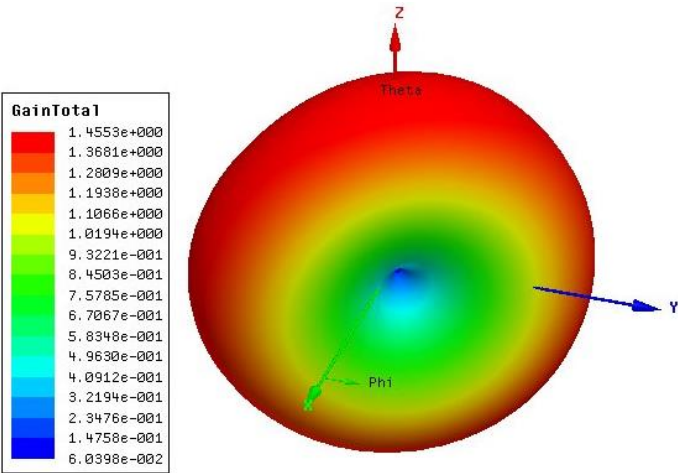


Figure1: 3D

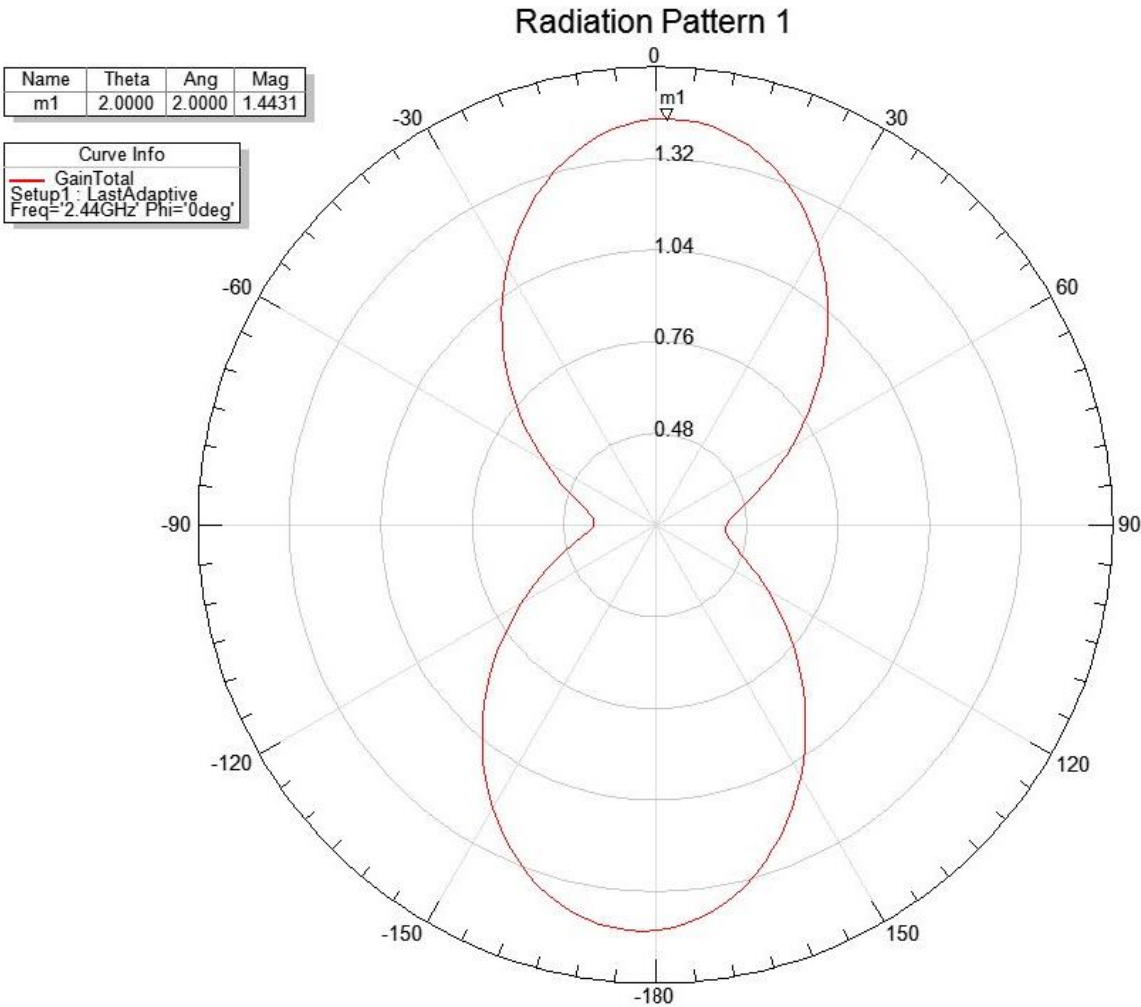


Figure2: Radiation Pattern for XZ-Plane, Horizontal Polarization

EX4400A-2. 4GHzANTENNA

Antenna efficiency and gain

Freq (MHz)	Efficiency (%)	Gain (dBi)
2402	41.85	1.38
2410	41.42	1.38
2420	41.25	1.38
2430	41.39	1.38
2440	42.25	1.44
2450	41.26	1.37
2460	41.15	1.37
2470	41.77	1.37
2480	40.95	1.38

Model number	EX4400A-ANTENNA
Antenna Manufacturer' s name & address	
Company: DONGUANG POETMAN EIELECTRONIC SCIENCE AND TECHNOLOGY CO,	Name: Wayne Ding
Add: NO,10,LUYI 2 ROAD ,TANGXIA TOWN,DONGGUAN CITY GUANGDONG PROVINCE	Email: dingjie@ptm.com.cn