

Antenna Specification

1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	<u>D30</u>		
2	Brand			
3	Operation Frequency	2400~2500GHz; 1575GHz		
4	Connector Type			
5	Impedance	50ohm		
6	Gain	1.8 dBi@2400~2500GHz 1.5 dBi@1575GHz		
7	Efficiency	$\geq 40\%$		
8	VSWR	≤ 2.5		

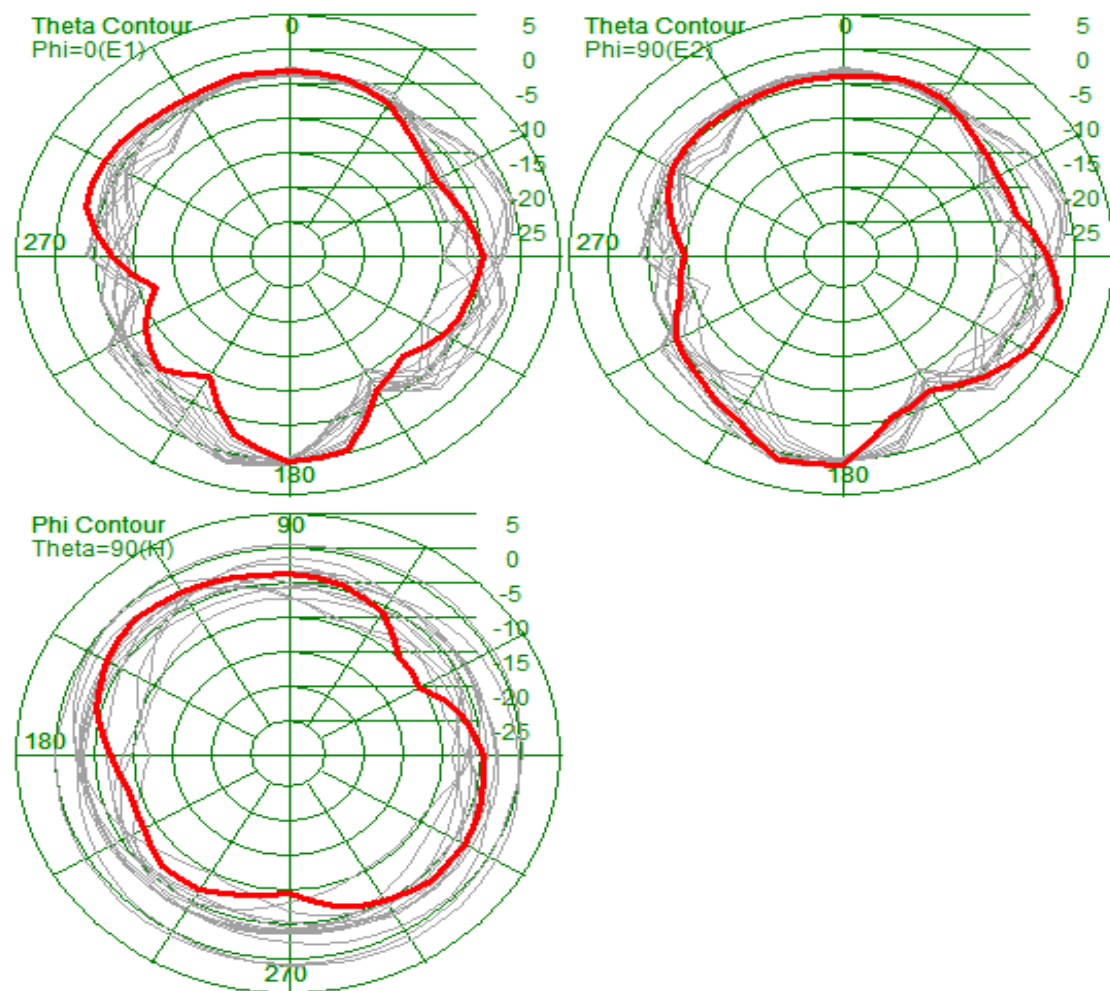
NFC 13.56MHz
Loop Antenna 7.4x6cm Two cycles



1.2 radiation pattern

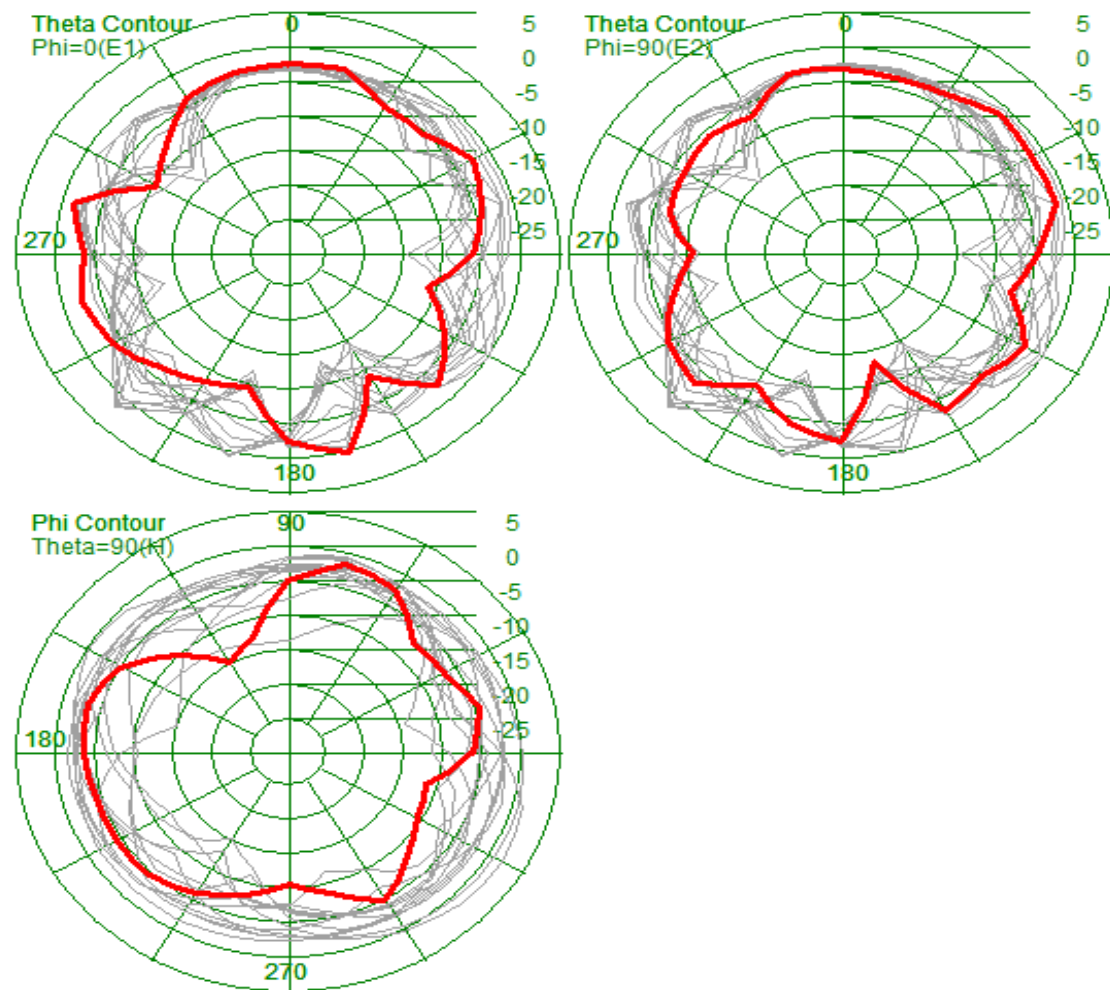
Frequency	Efficiency()	E Total. dB(dB)
1575MHz	38%	1.5
2400MHz	42%	1.8
2450MHz	43%	1.9
2500MHz	41%	1.7

1575MHz



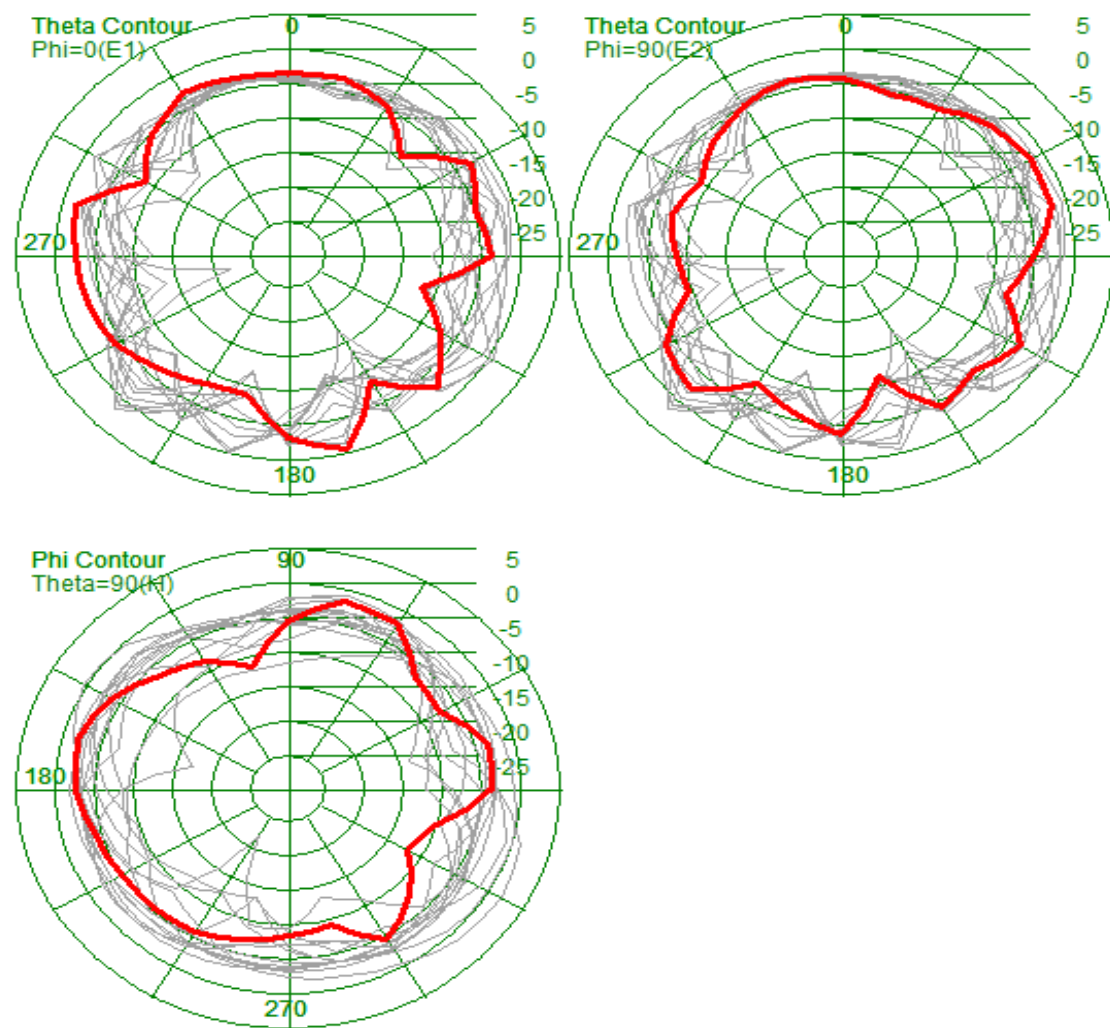
1.3 Structure drawing

2400MHz



1.4 Structure drawing

2450MHz



1.5 Structure drawing

2500MHz

