

Antenna Specification

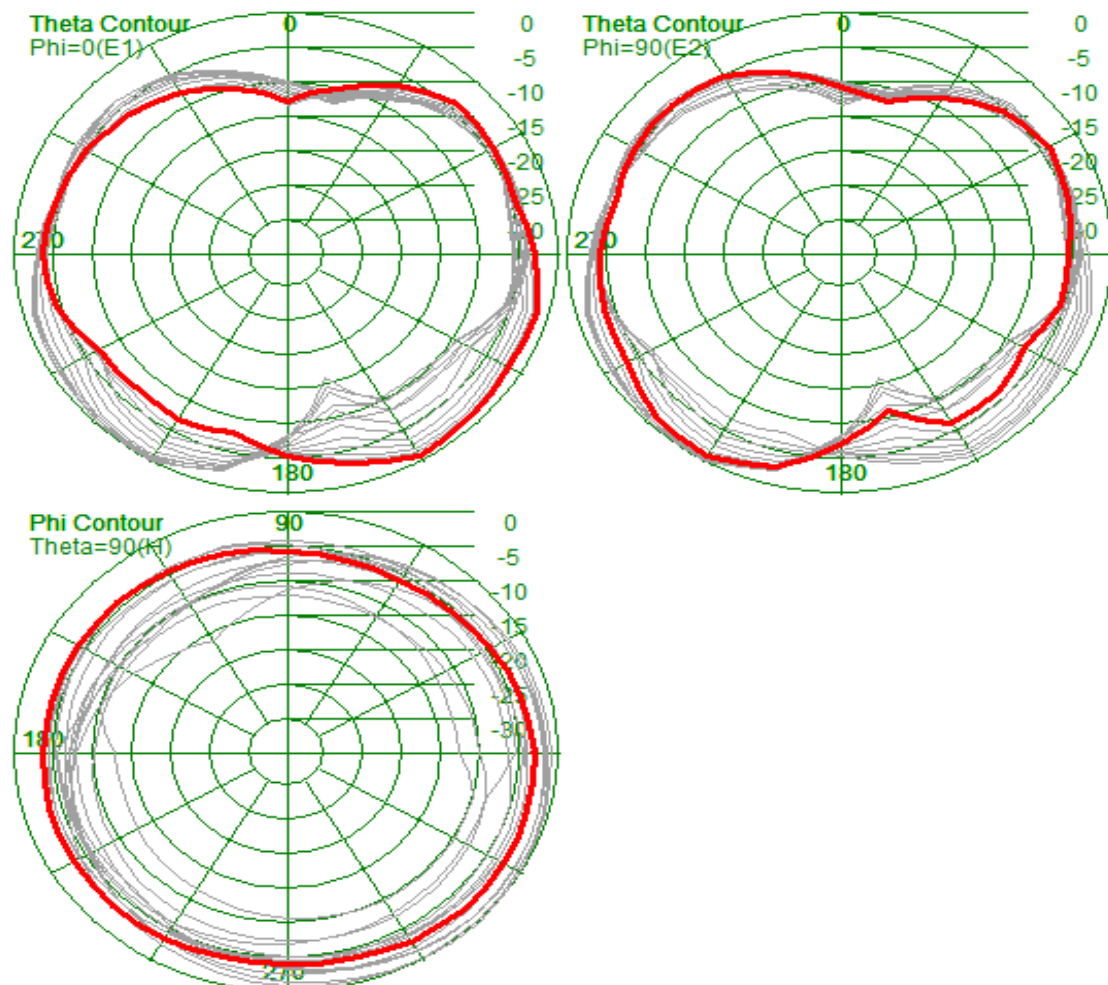
1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	<u>D30</u>		
2	Brand			
3	Operation Frequency	880-960GHz; 832-890GHz; 1710-1880GHz; 1920-2170GHz; 2300-2400GHz; 2570-2620GHz; 2496-2690GHz;		
4	Connector Type			
5	Impedance	50ohm		
6	Gain	-0.8dBi@880-960GHz; -0.8 dBi@832-890GHz; 1.4 dBi@1710-1880GHz; 1.5 dBi@1920-2170GHz; 1.6 dBi@2570-2620GHz; 1.7 dBi@2496-2690GHz;		
7	Efficiency	$\geq 40\%$		
8	VSWR	≤ 2.5		

1.2 Structure drawing

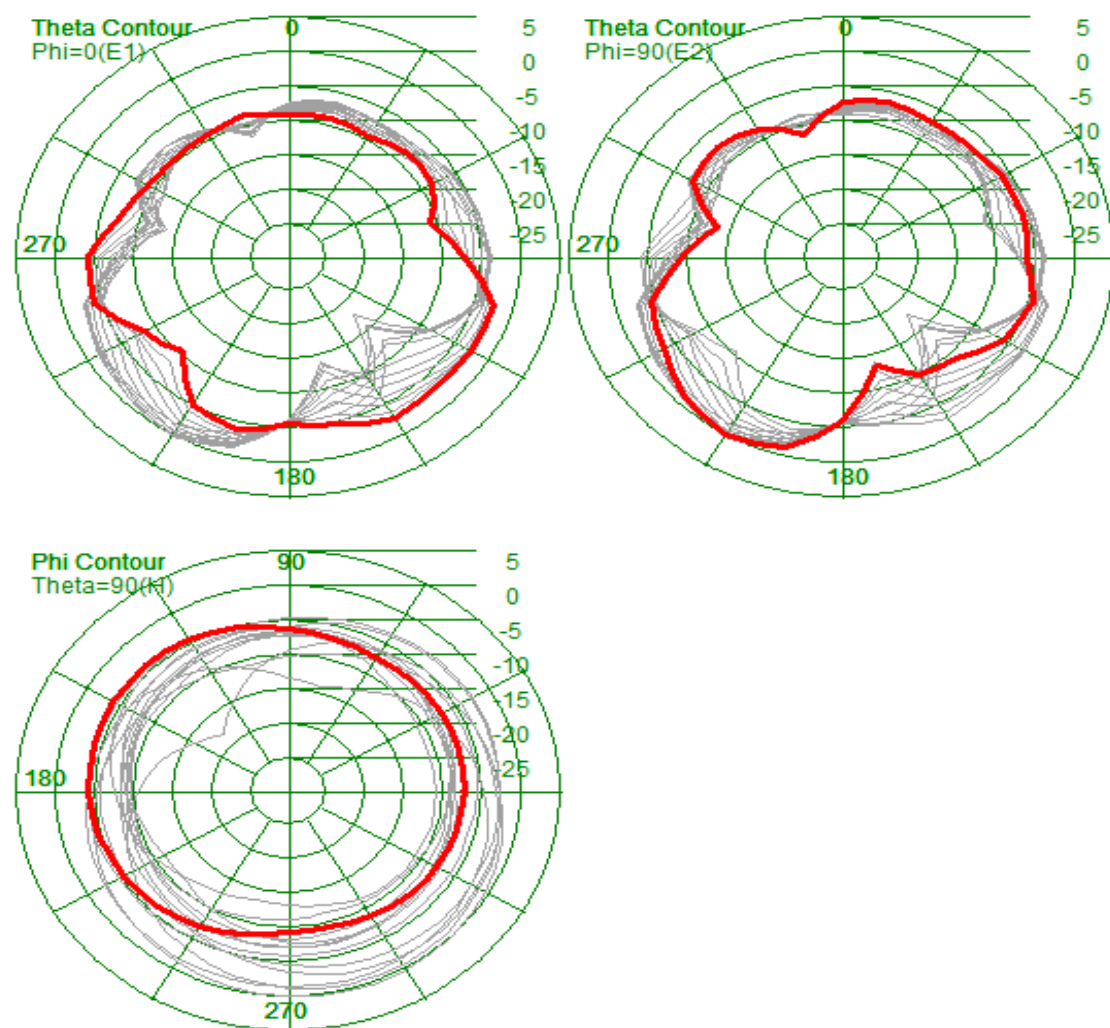
Frequency	Efficiency()	E Total. dB(dB)
823MHz	30%	-0.9
890MHz	32%	-0.8
880MHz	33%	-0.7
960MHz	33%	-0.7
1710MHz	49%	1.5
1880MHz	42%	1.4
1920MHz	42%	1.6
2170MHz	42%	1.5
2570MHz	44%	1.6
2620MHz	45%	1.6
2469MHz	46%	1.7
2690MHz	50%	1.8

823MHz-890MHz



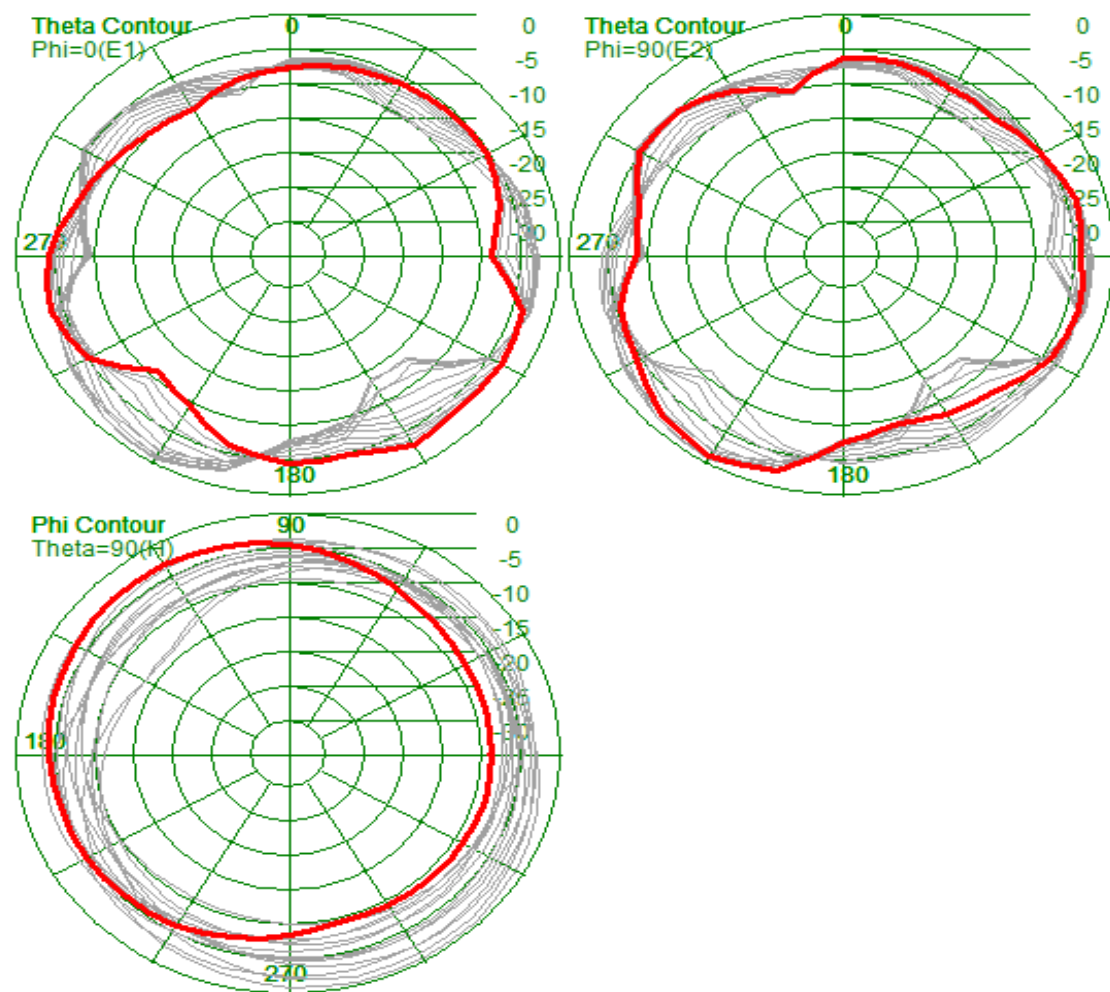
1.3 Structure drawing

890MHz



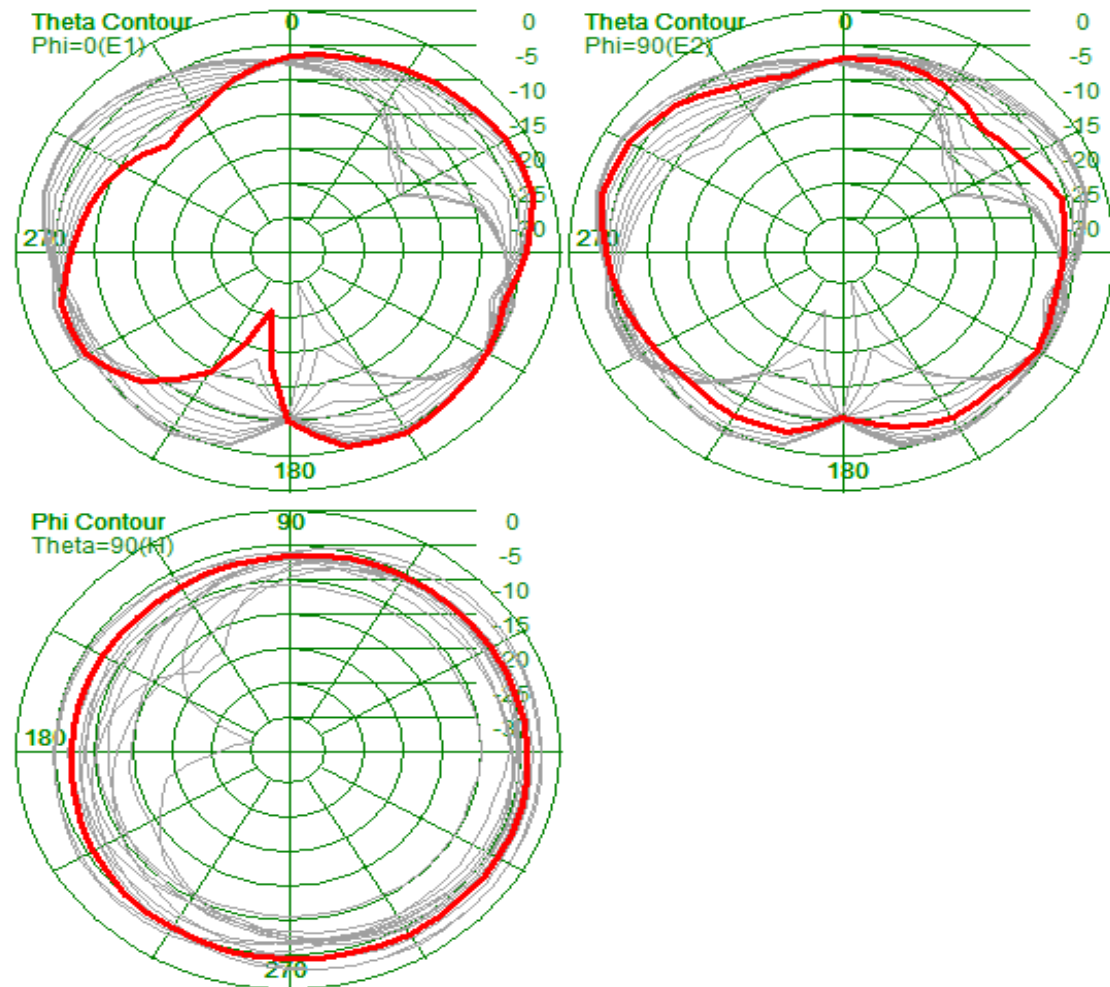
1.4 Structure drawing

880MHz



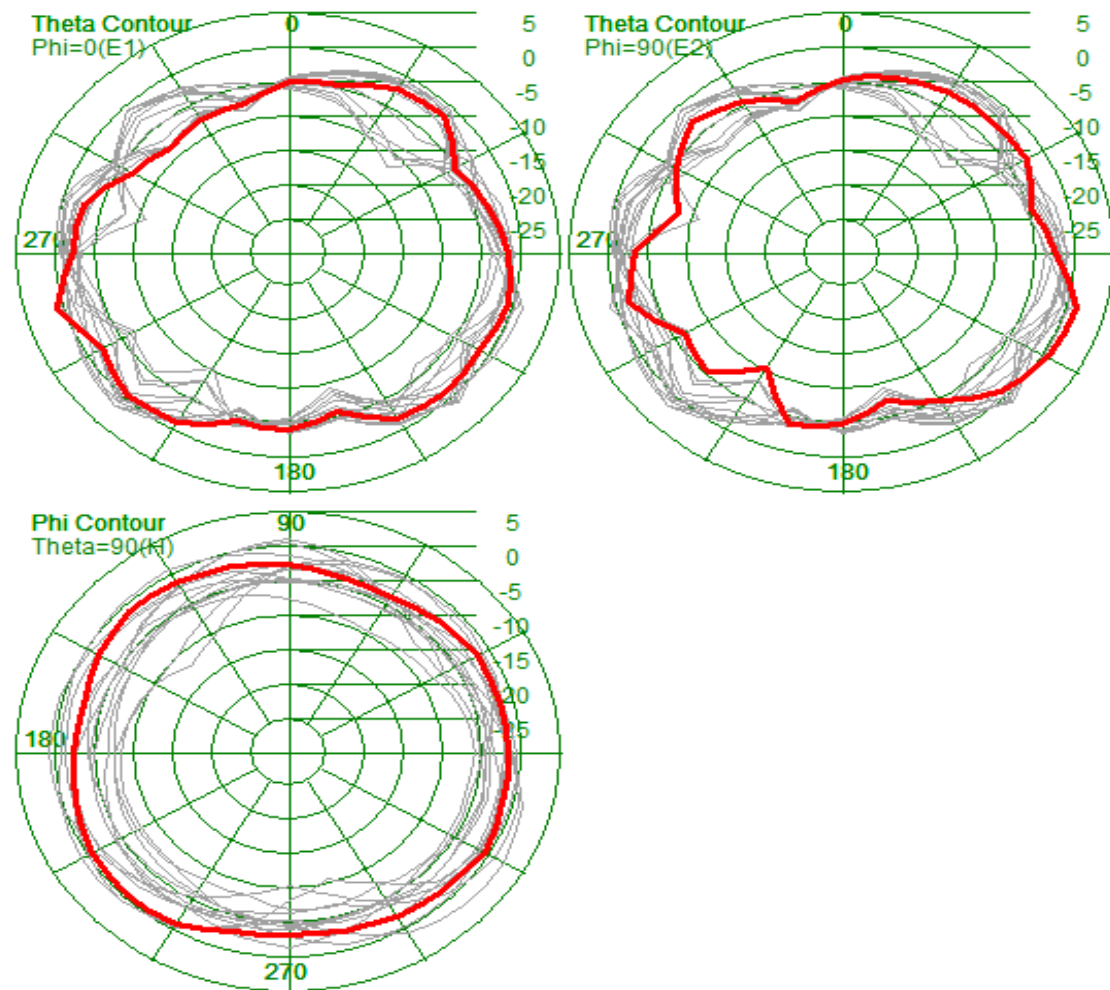
1.5 Structure drawing

960MHz



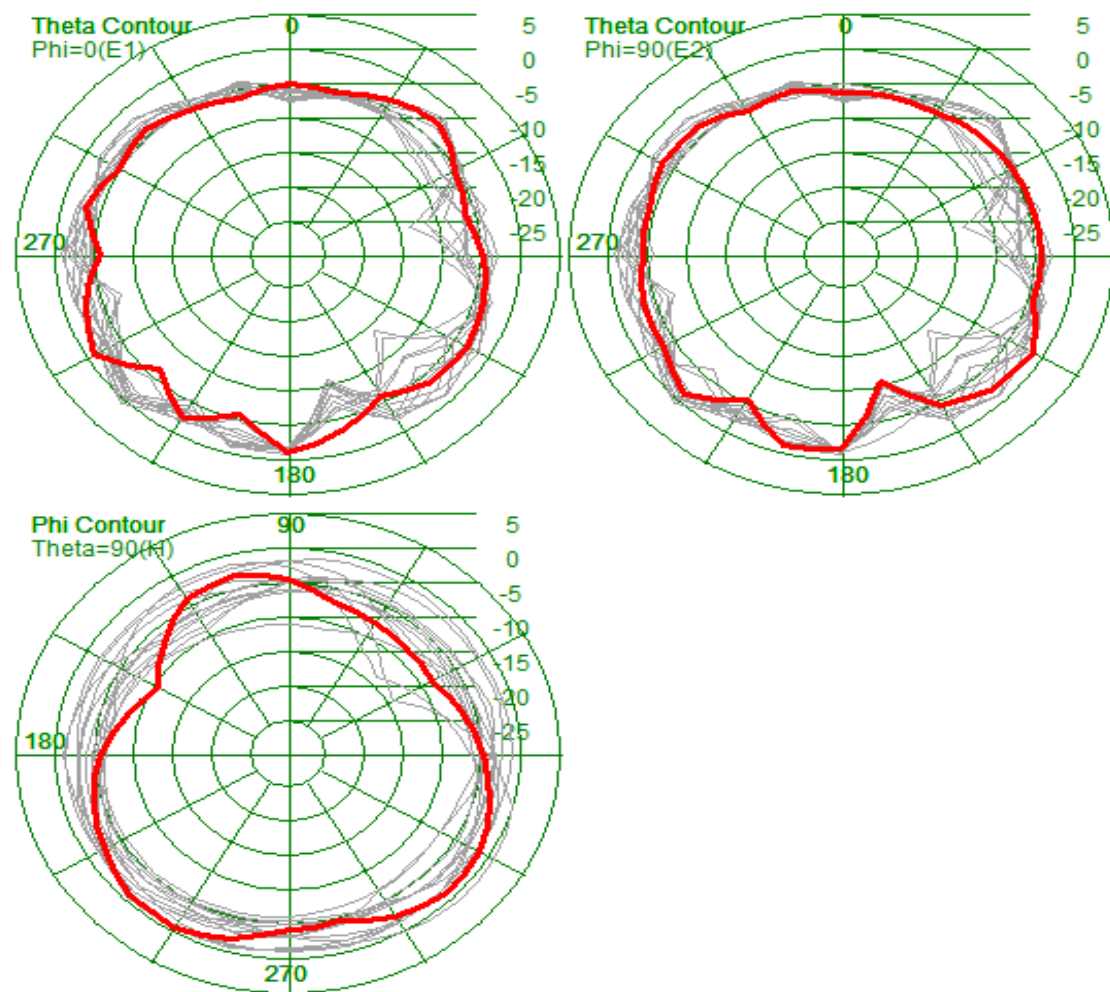
1.6 Structure drawing

1710MHz



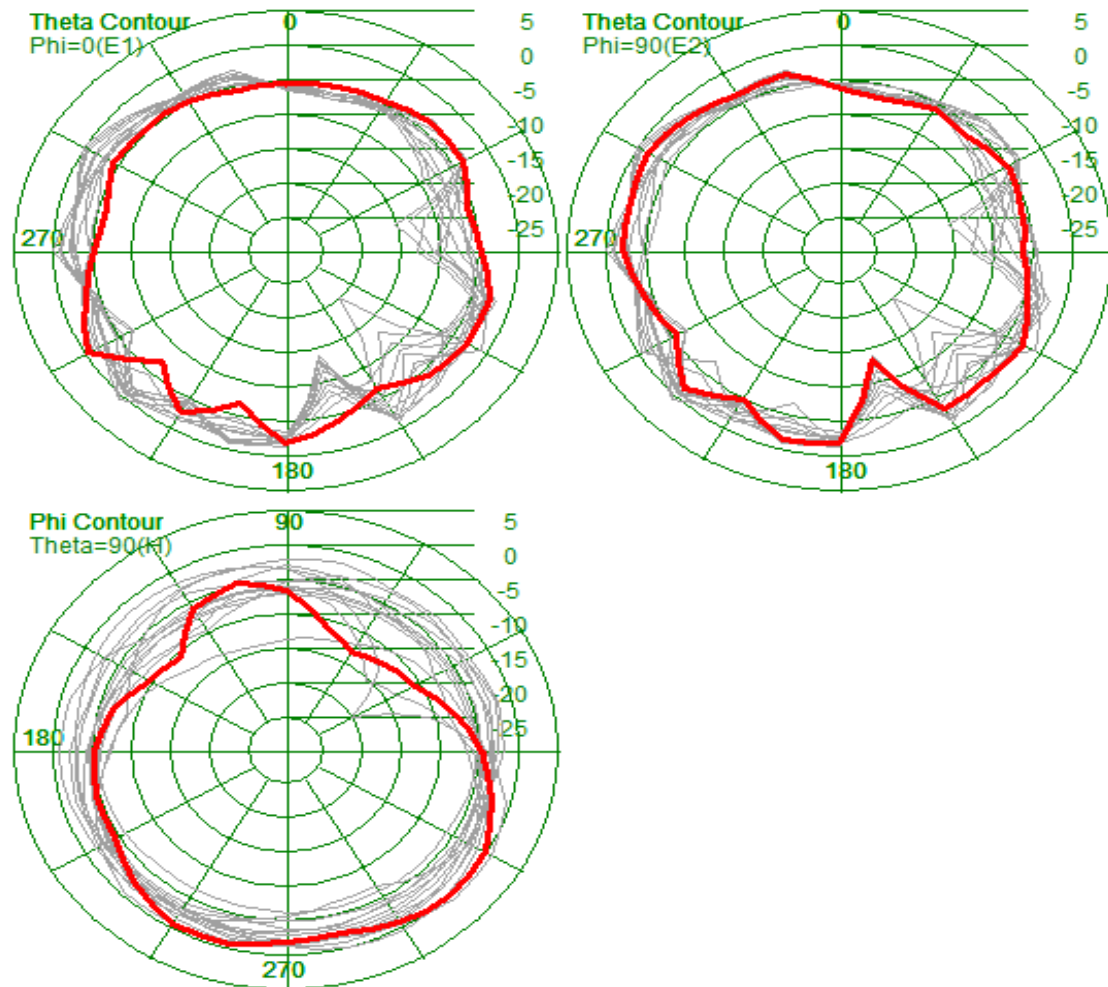
1.7 Structure drawing

1880MHz



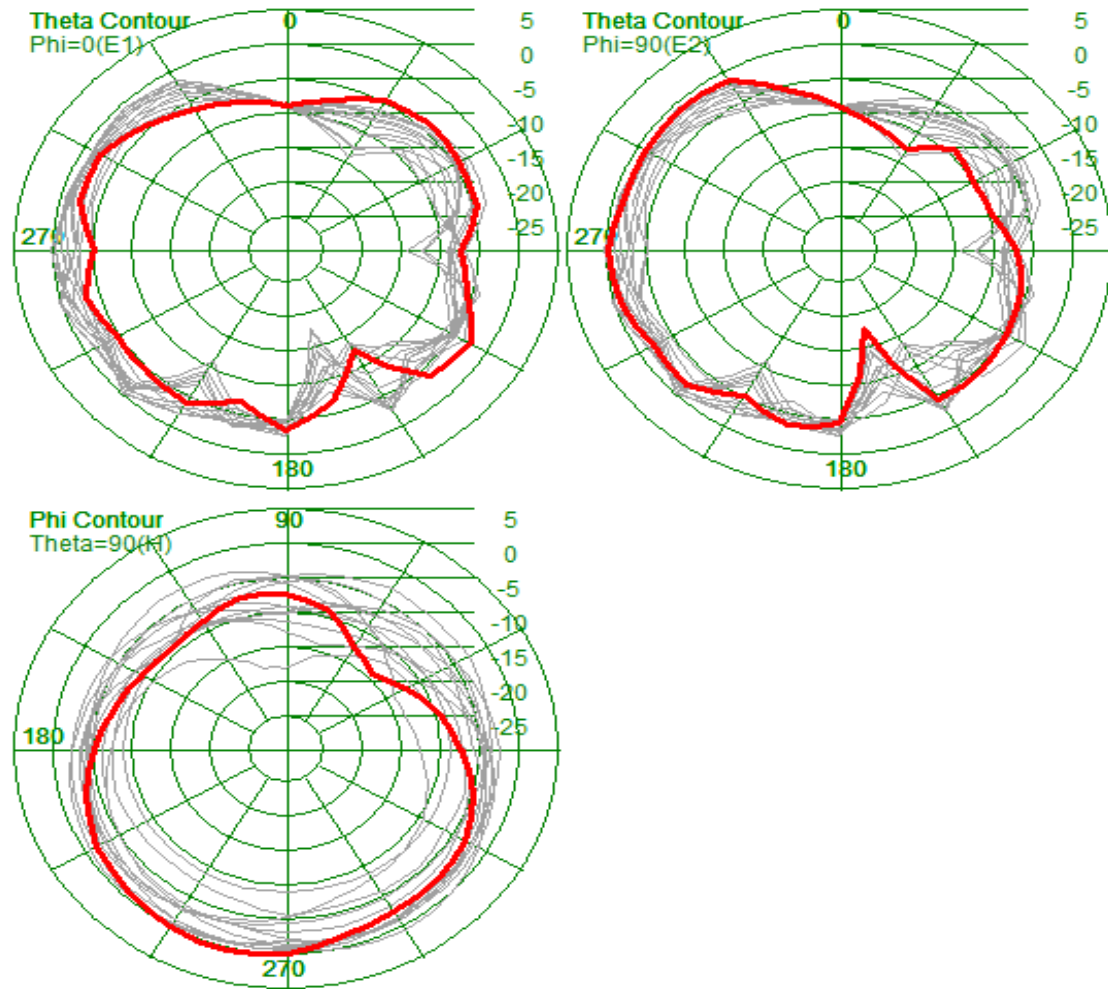
1.8 Structure drawing

1920MHz



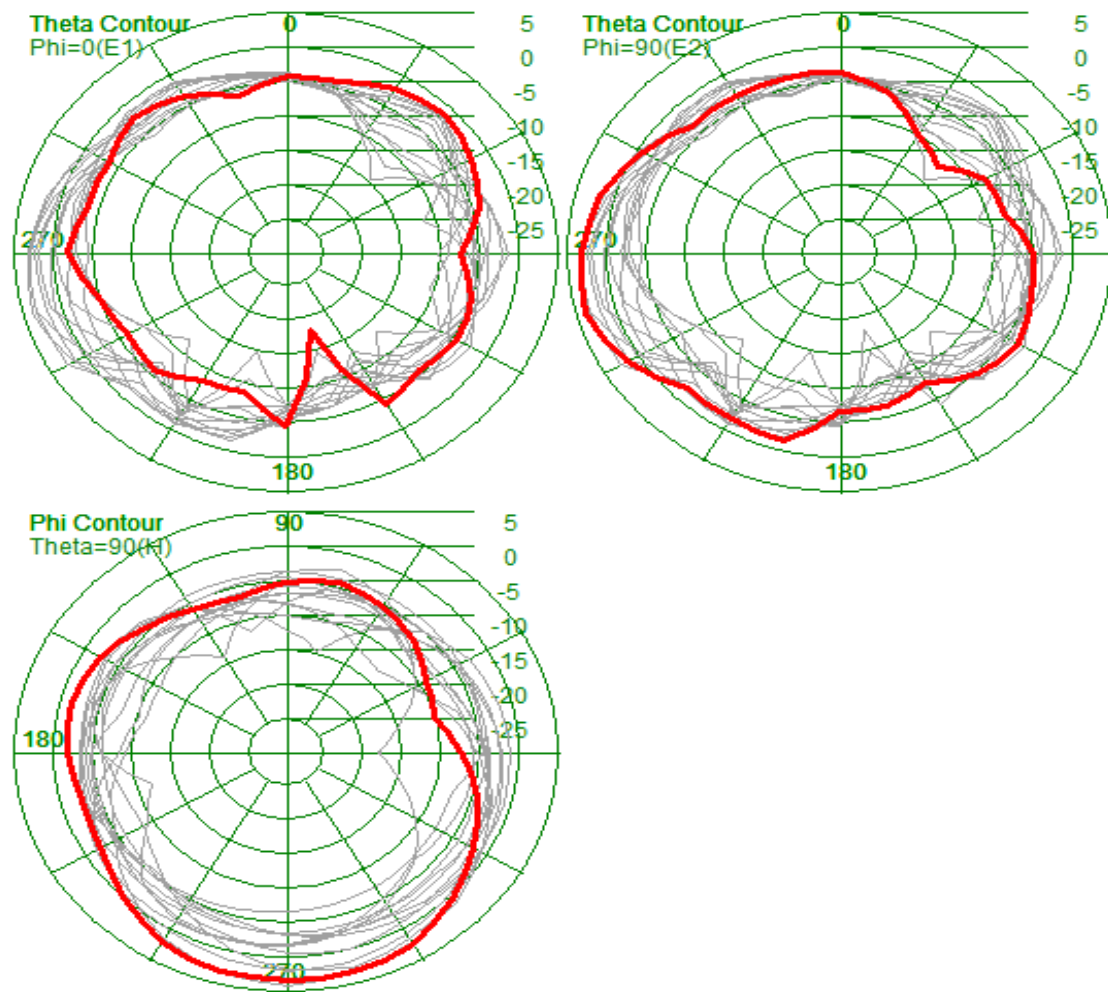
1.9 Structure drawing

2170MHz



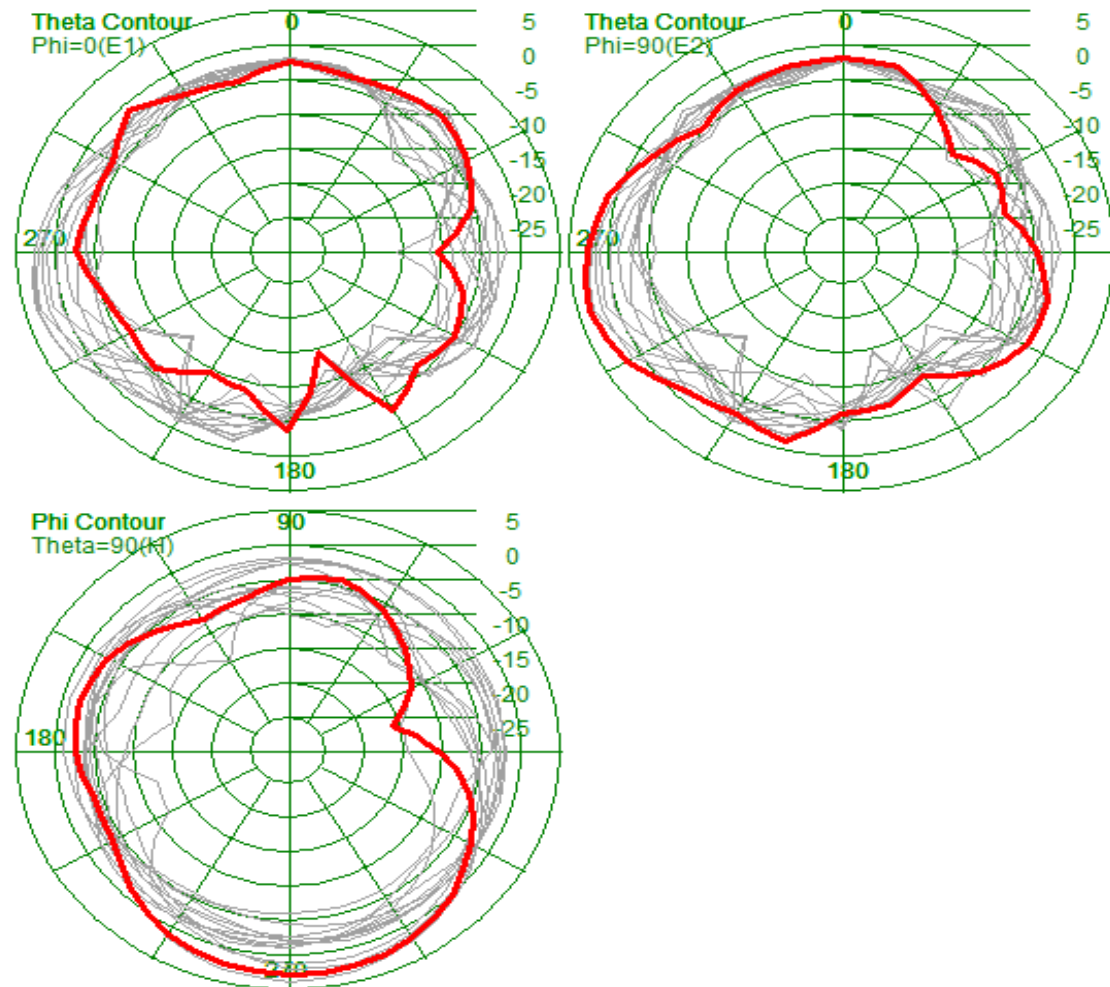
1.10 Structure drawing

2570MHz



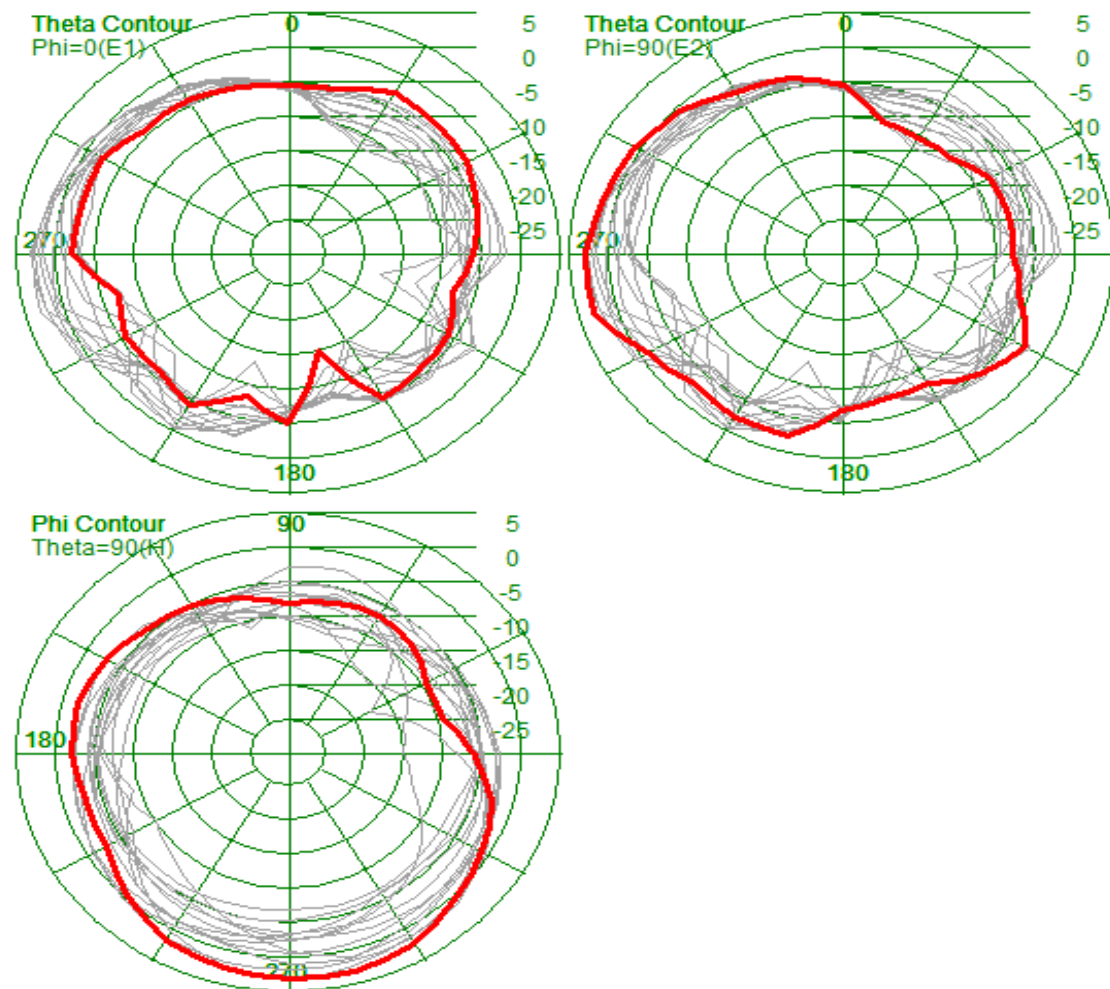
1.11 Structure drawing

2620MHz



1.12 Structure drawing

2496MHz



1.13 Structure drawing

2690MHz

