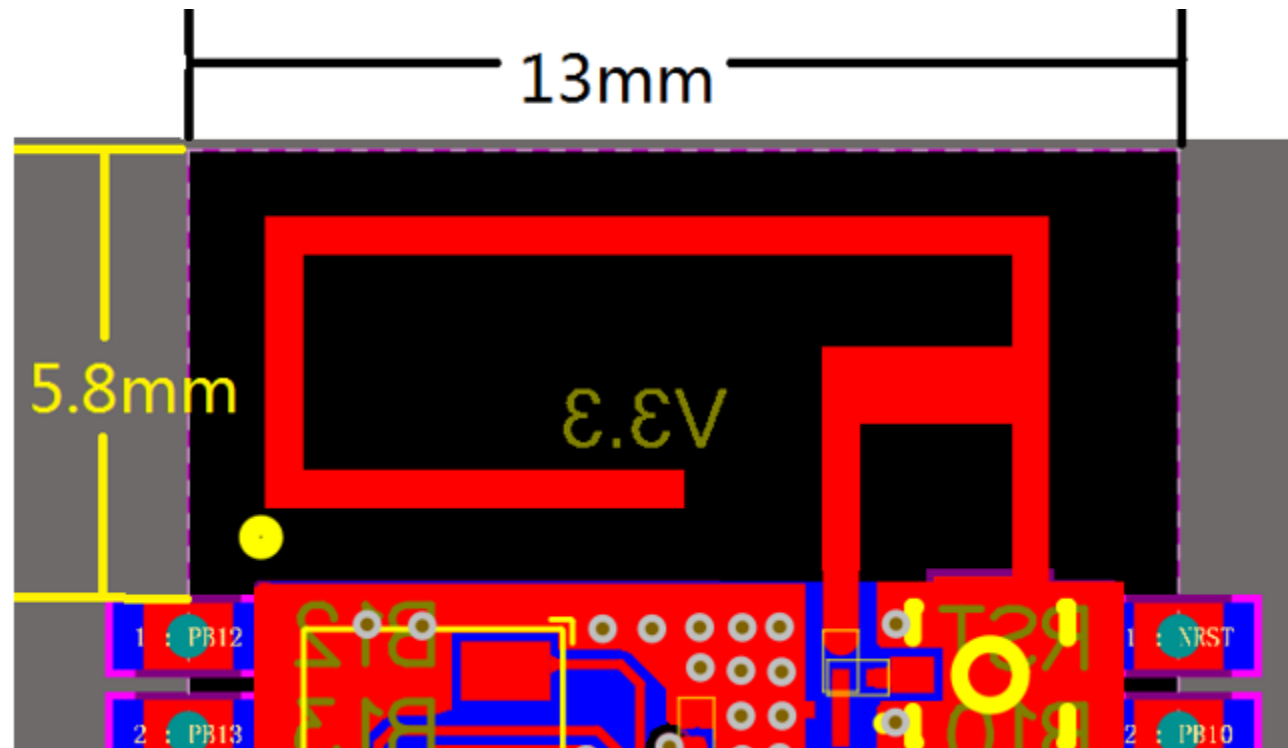


Antenna Specification

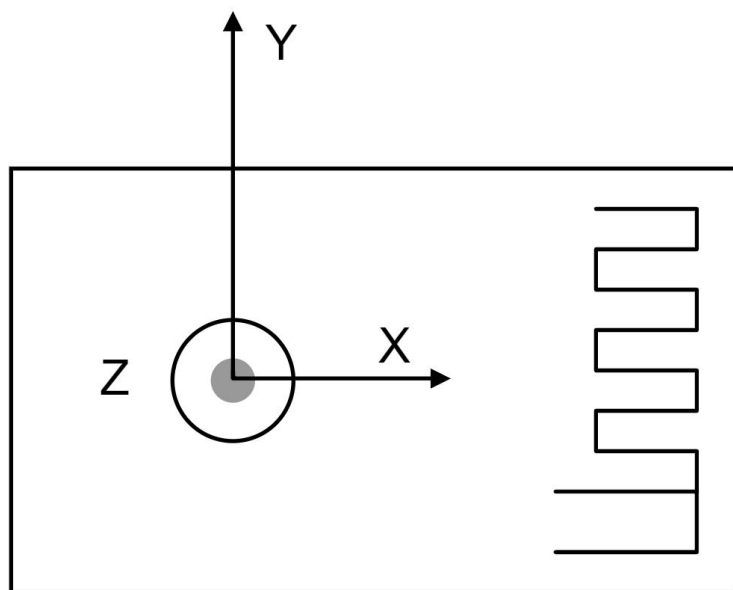
ITEM	SPEC
Antenna type	PCB Antenna(B)
Center Frequency	2410Mhz 2.5dBi 2450Mhz 2.2dBi 2480Mhz 2.9dBi
MAX GAIN	2.9dbi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50ohm
Antenna Length	

Antenna Photo & Length(mm)

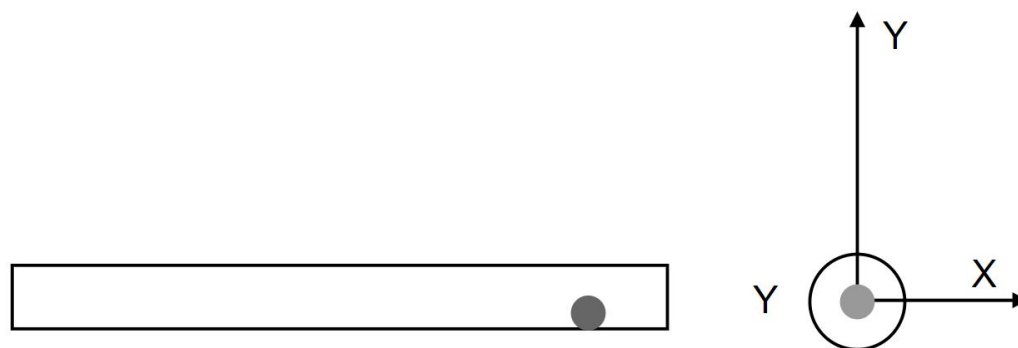


Coordinate System Reference:Antenna

Top view



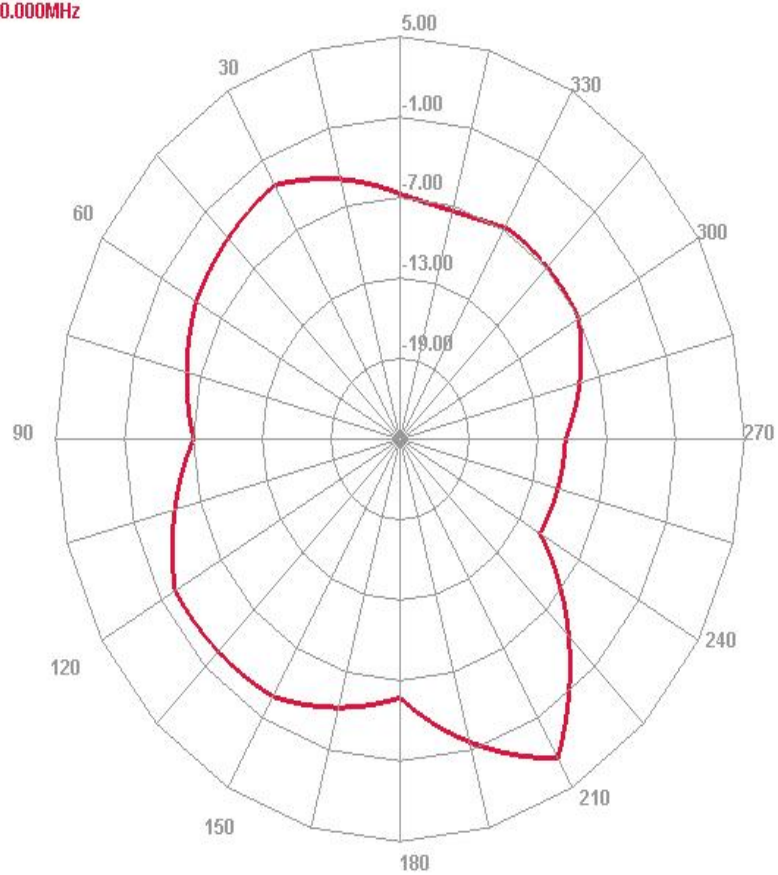
Side view



2D Radiation pattern f = 2410MHz

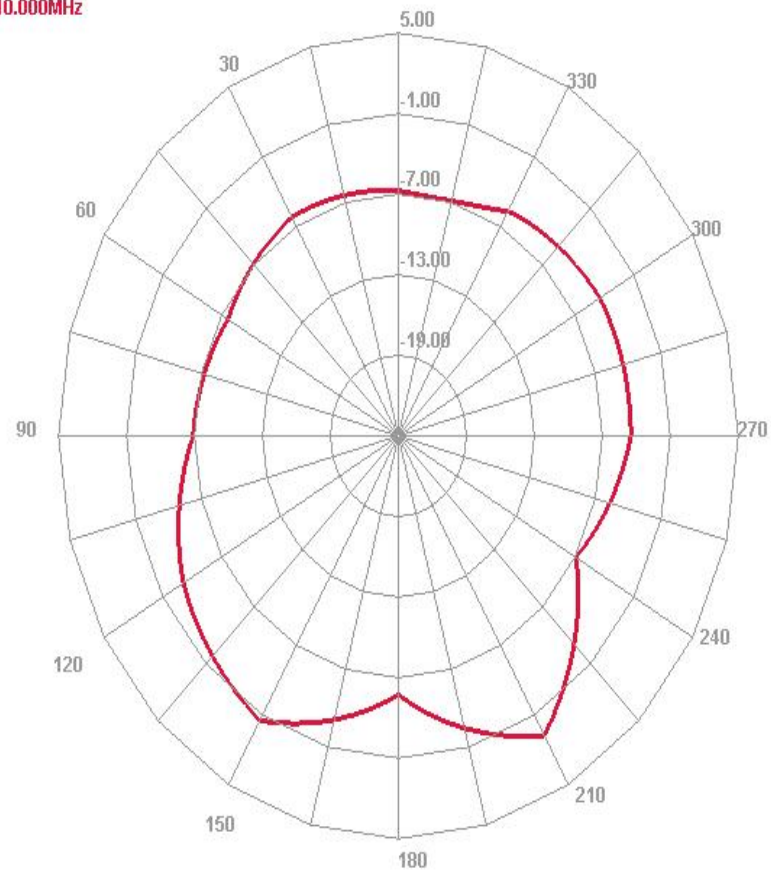
E1 Face

2410.000MHz



E2 Face

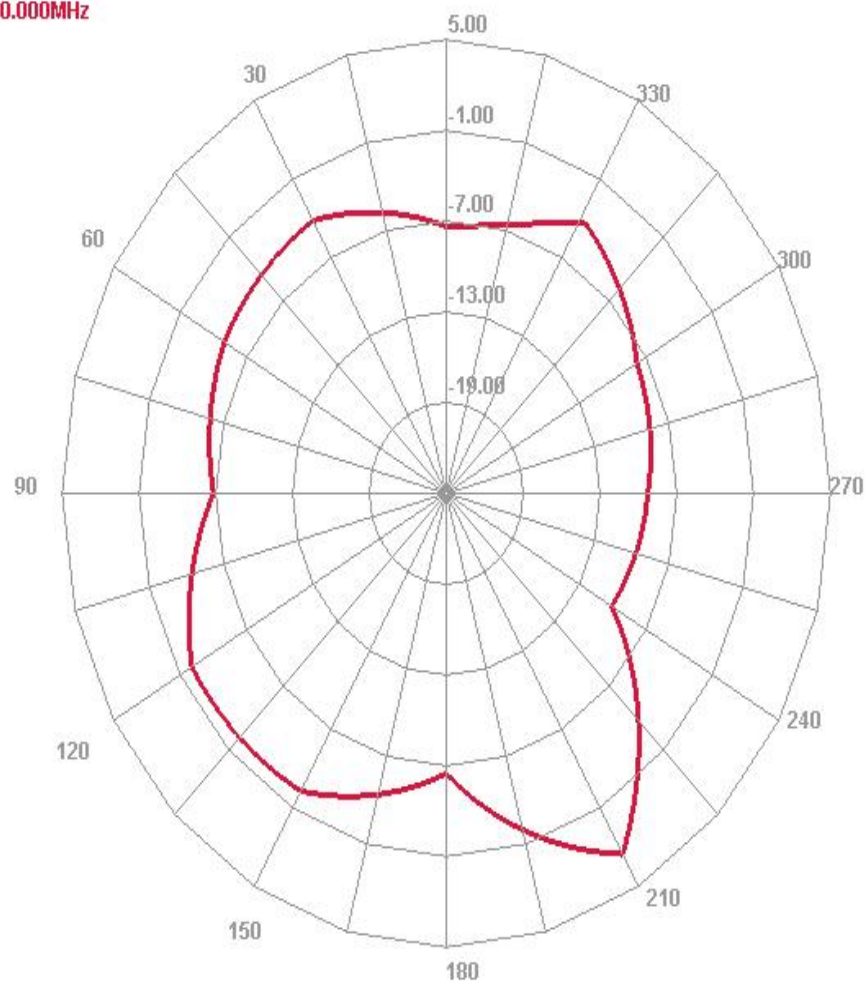
2410.000MHz



2D Radiation pattern f = 2440MHz

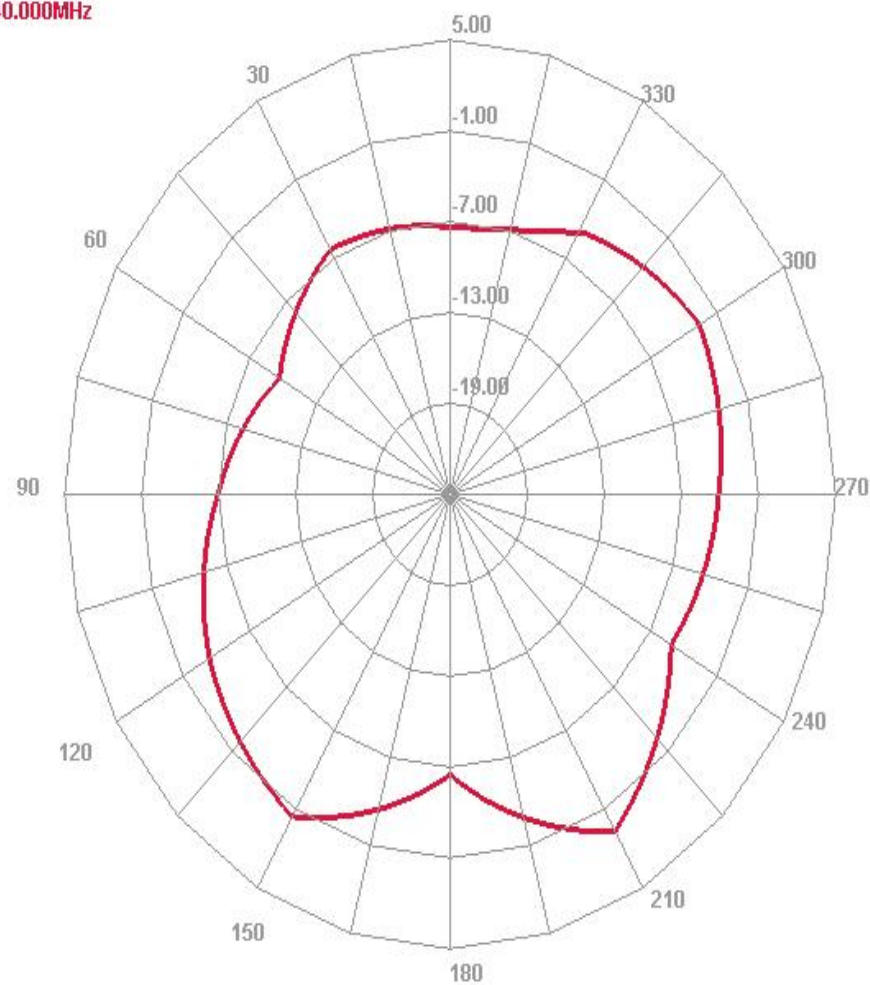
E1 Face

2440.000MHz



E2 Face

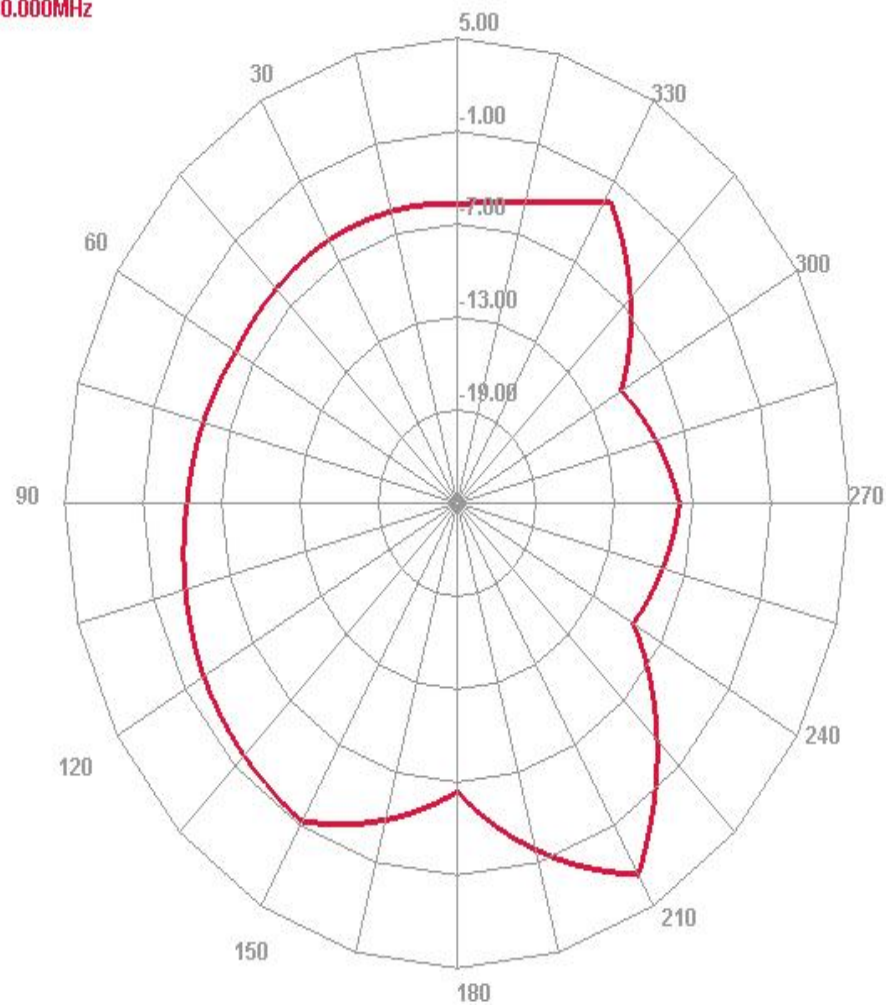
2440.000MHz



2D Radiation pattern f = 2480MHz

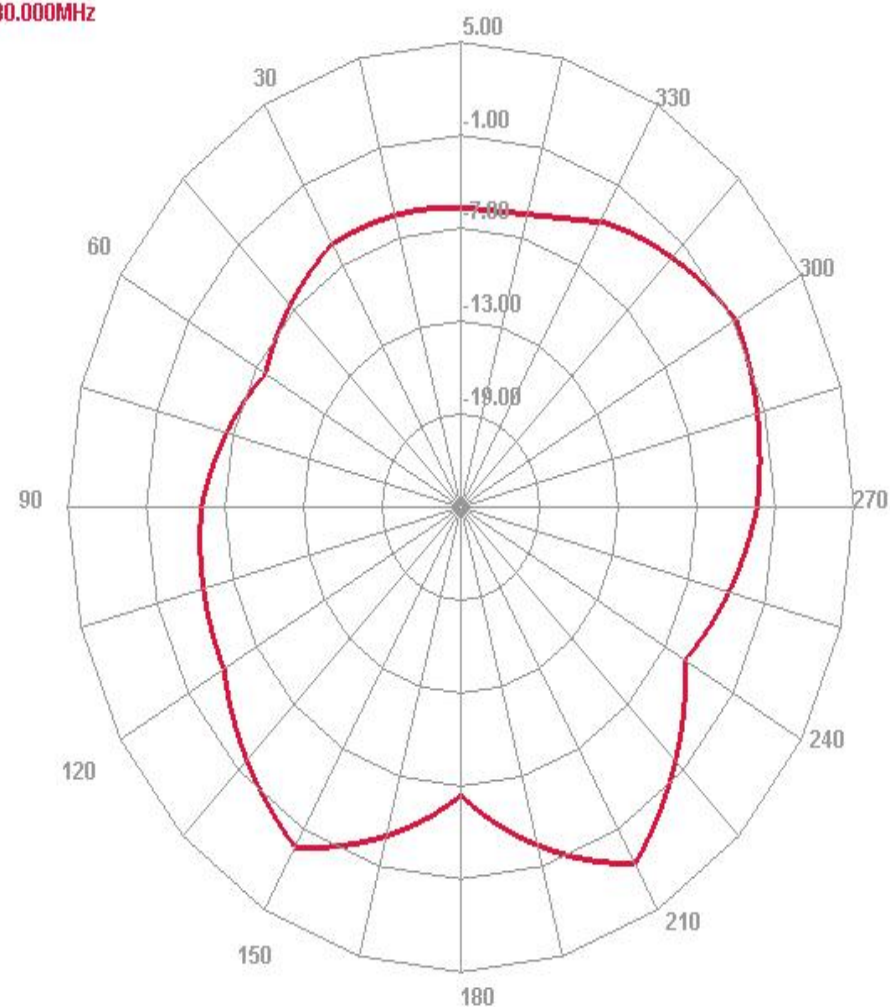
E1 Face

2480.000MHz

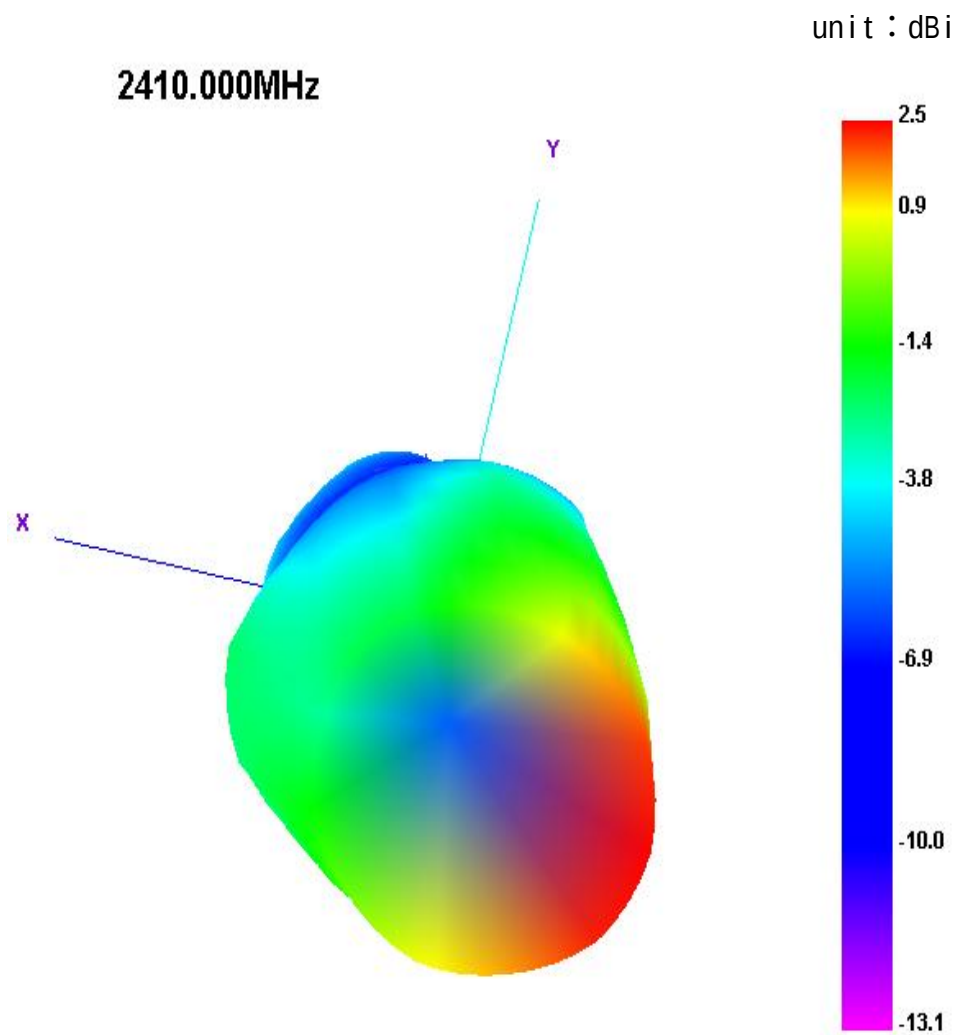


E2 Face

2480.000MHz

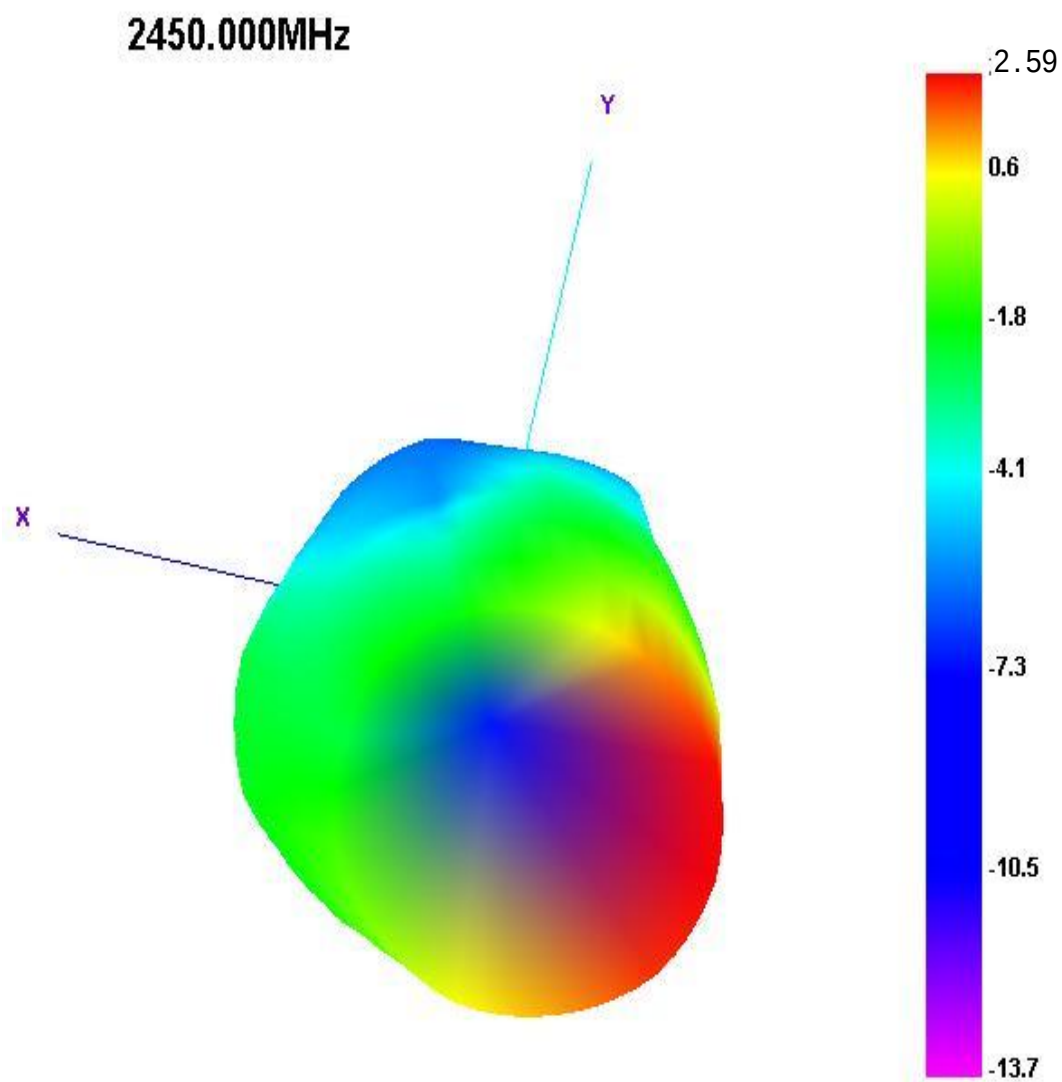


3D Radiation pattern f = 2410MHz



3D Radiation pattern f = 2450MHz

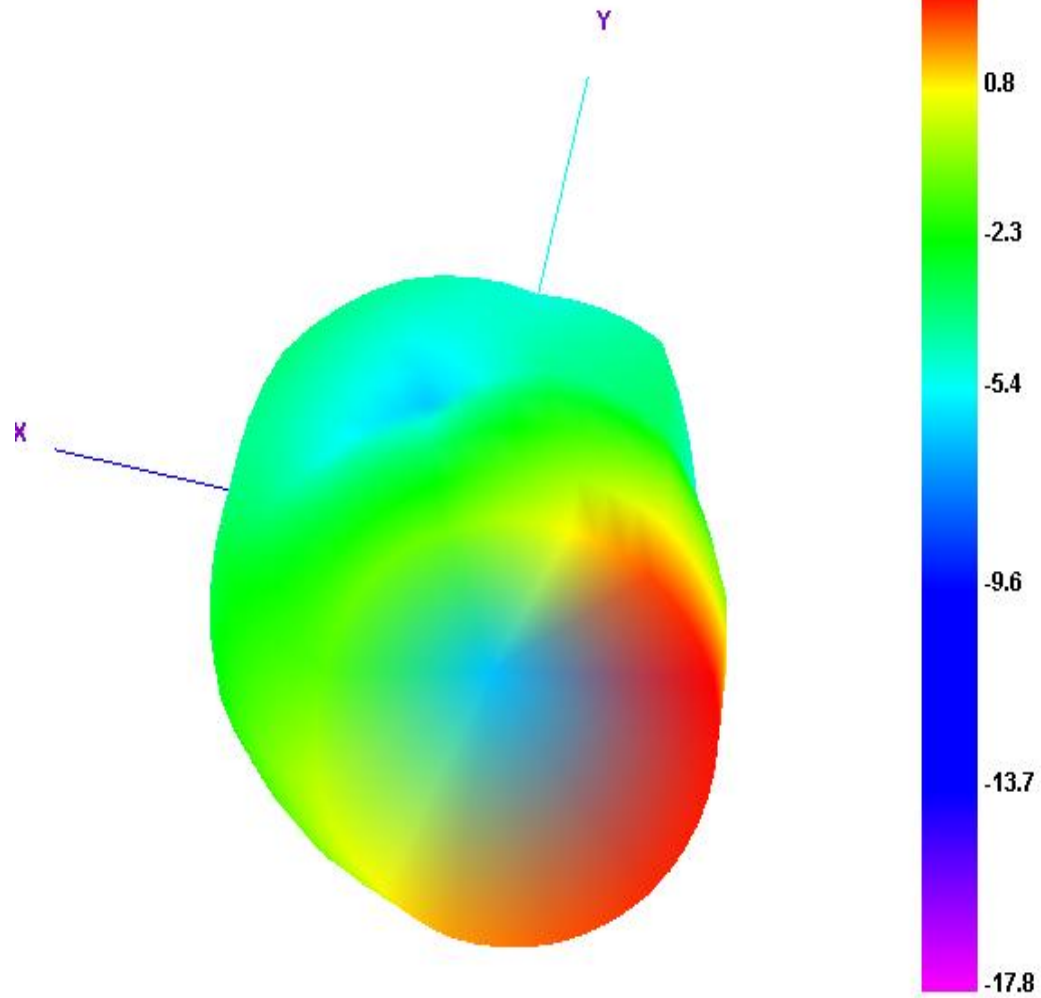
unit : dBi



3D Radiation pattern f = 2480MHz

unit : dBi

2480.000MHz



Measurements summary

Frequency(GHz)	Gain(dBi)	CP Gain(dBi)	CO Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	1.43	--	--	--	32. 67%
2410	2.15	--	--	--	35. 24%
2420	2.27	--	--	--	37. 66%
2430	2.45	--	--	--	40. 2%
2440	2.38	--	--	--	41. 71%
2450	2.59	--	--	--	43. 25%
2460	2.70	--	--	--	40. 98%
2470	2.81	--	--	--	42. 14%
2480	2.90	--	--	--	44. 5%
2490	2.57	--	--	--	43. 22%
2500	2.64	--	--	--	42. 92%

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