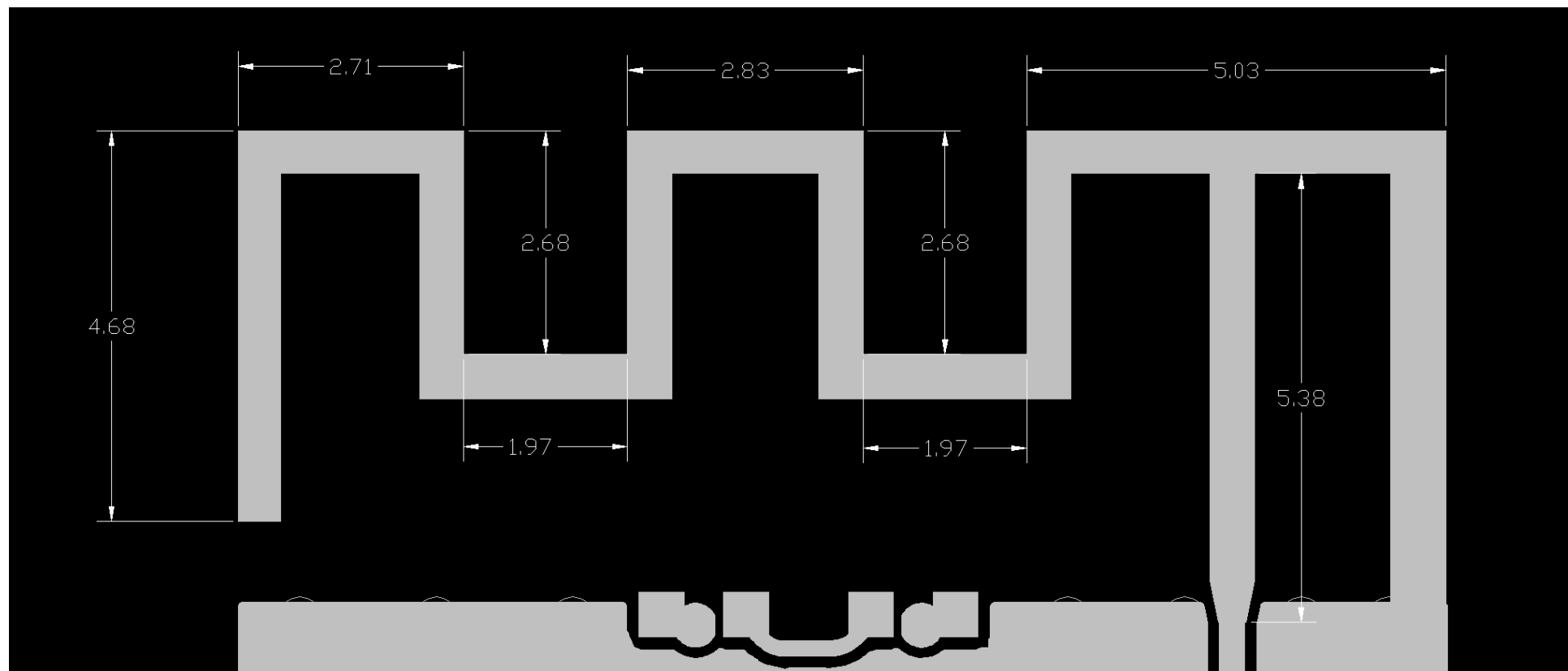


Antenna Specification

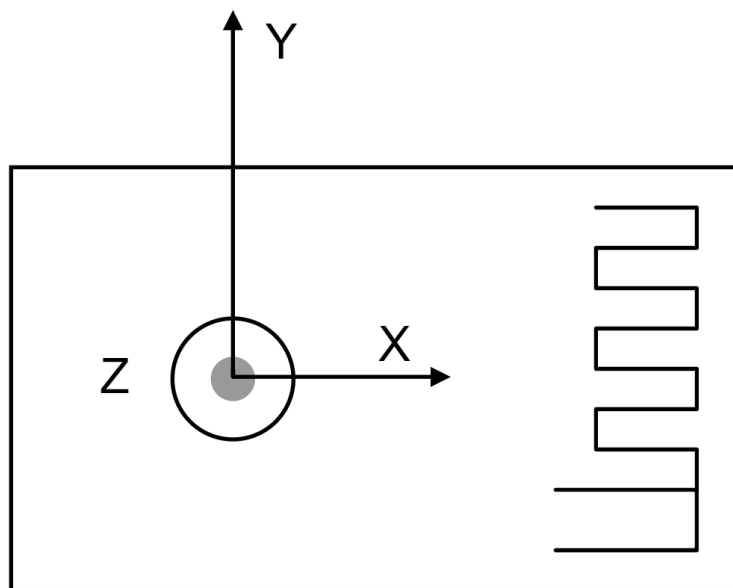
ITEM	SPEC
Antenna type	PCB Antenna(B)
Center Frequency	2400Mhz -1.2dBi 2450Mhz -1.11dBi 2500Mhz 0.36dBi
MAX GAIN	0.38dbi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50ohm
Antenna Length	26mm

Antenna Photo & Length(mm)

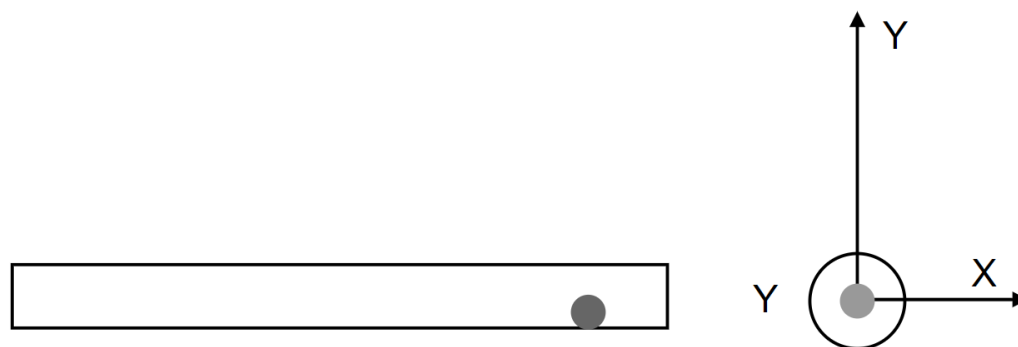


Coordinate System Reference: Antenna

Top view



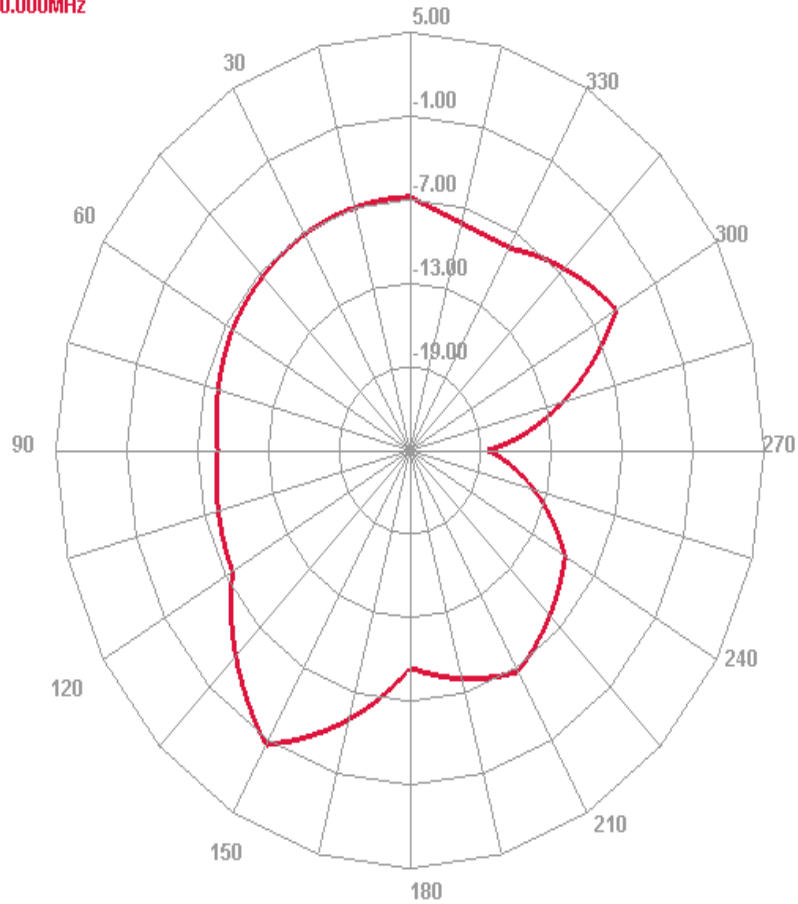
Side view



2D Radiation pattern f = 2410MHz

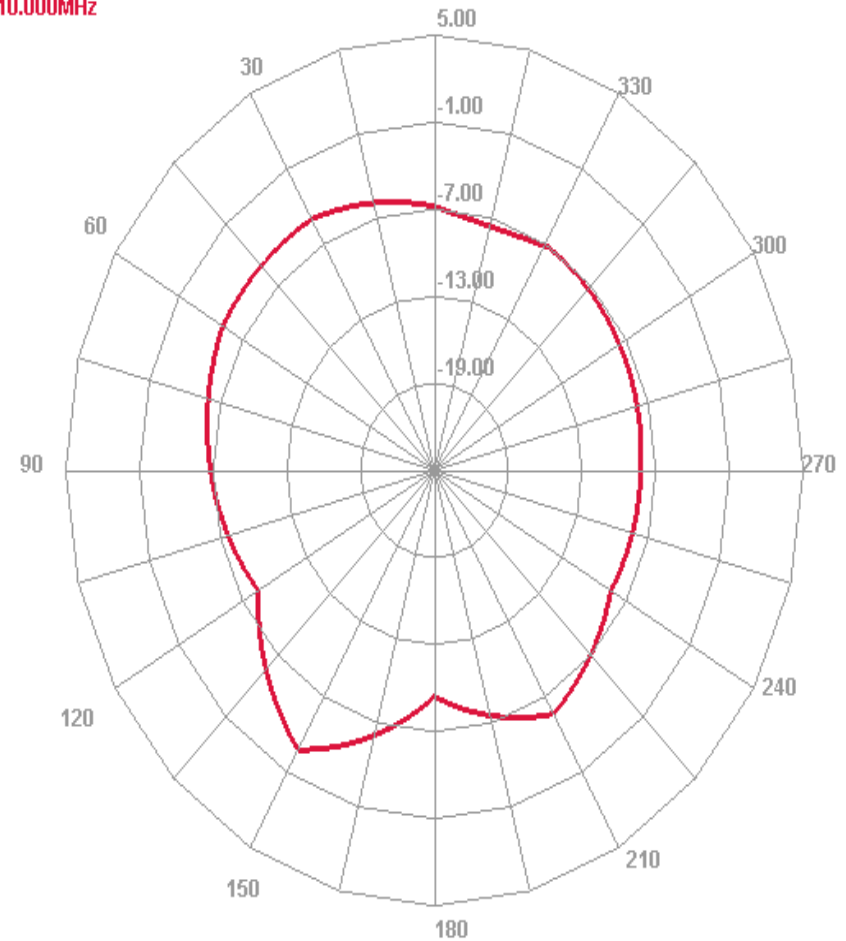
E1 Face

2410.000MHz



E2 Face

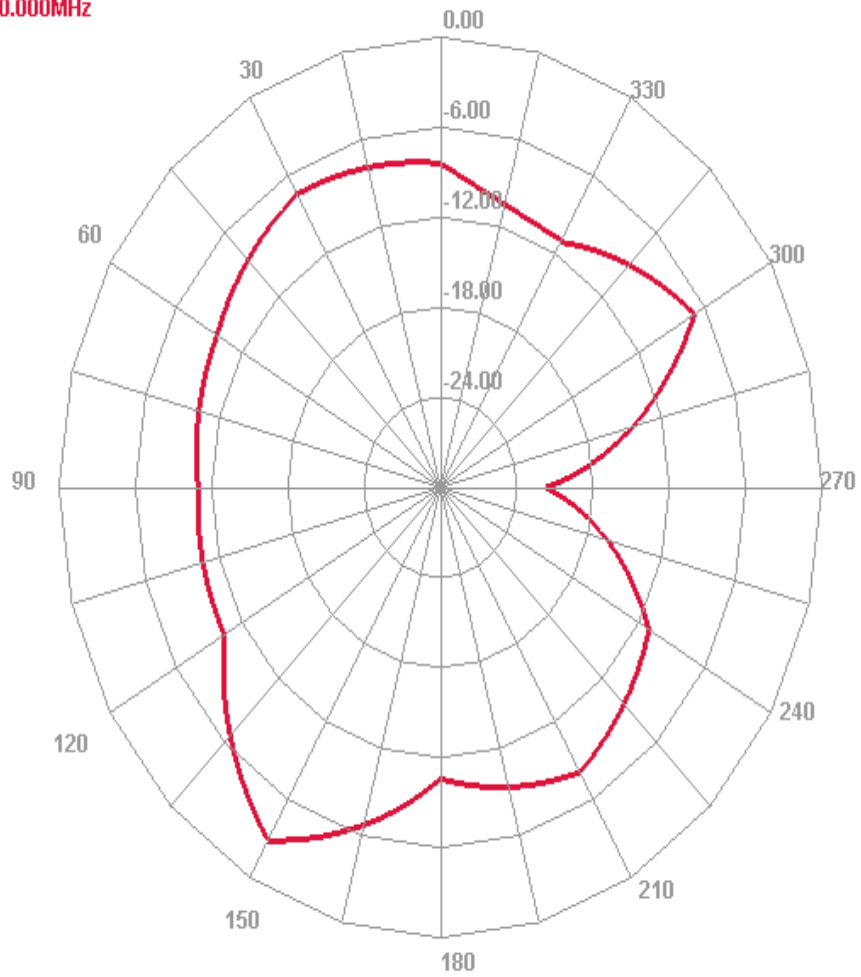
2410.000MHz



2D Radiation pattern f = 2440MHz

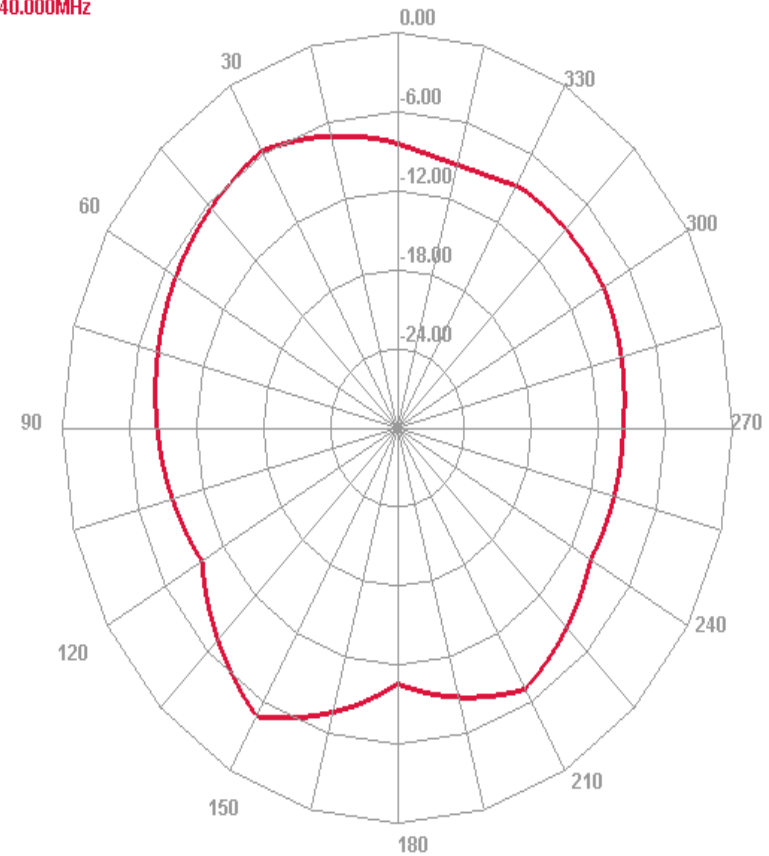
E1 Face

2440.000MHz



E2 Face

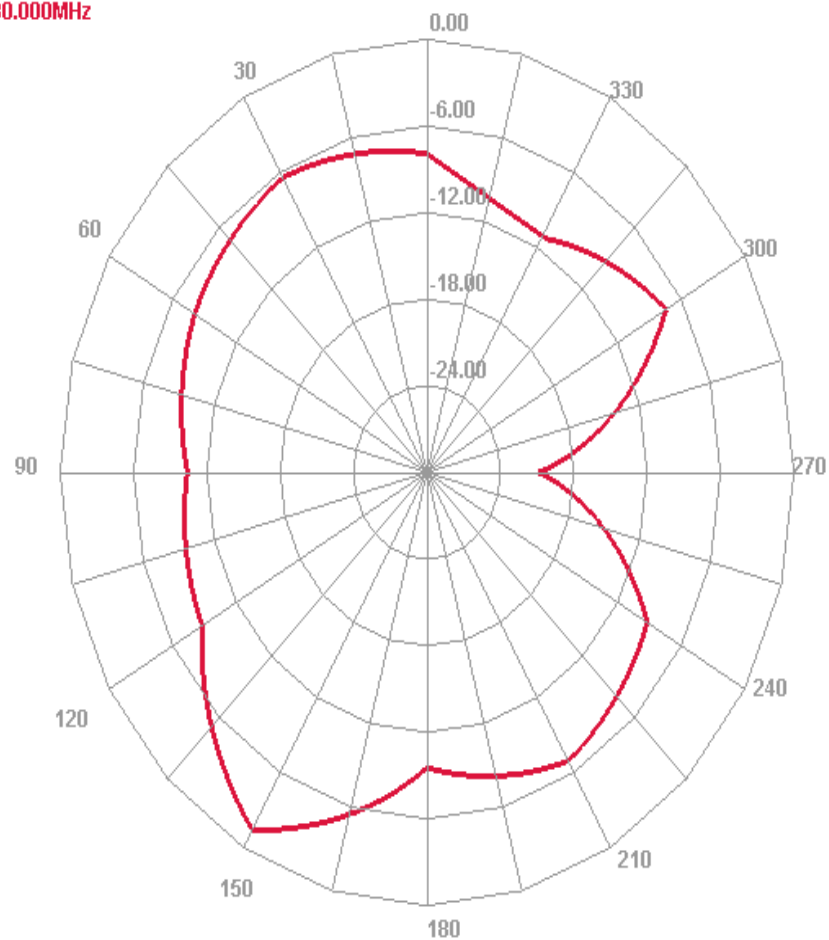
2440.000MHz



2D Radiation pattern $f = 2480\text{MHz}$

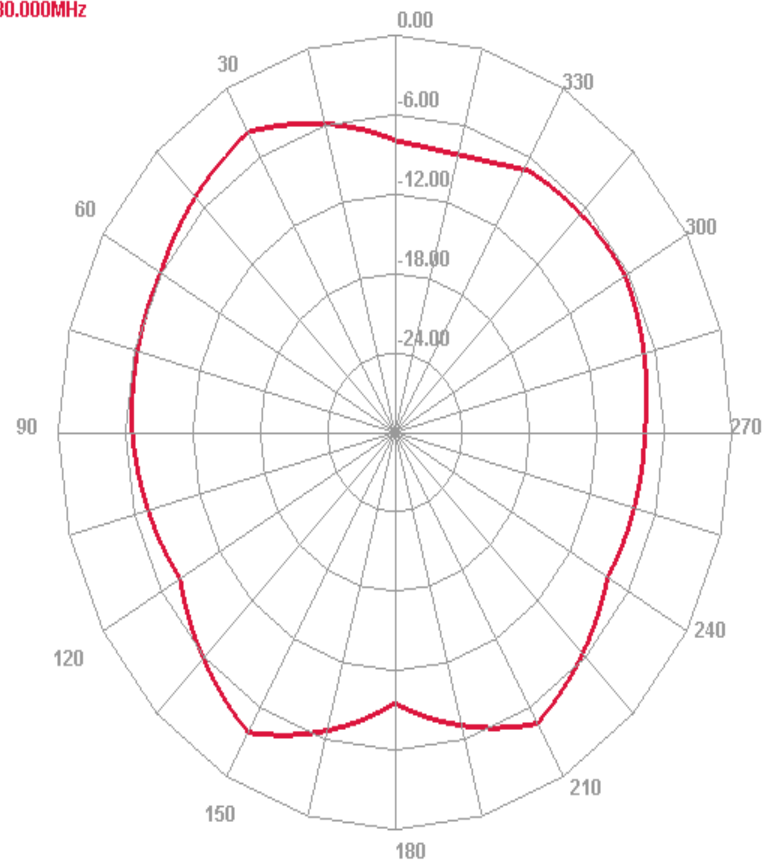
E1 Face

2480.000MHz



E2 Face

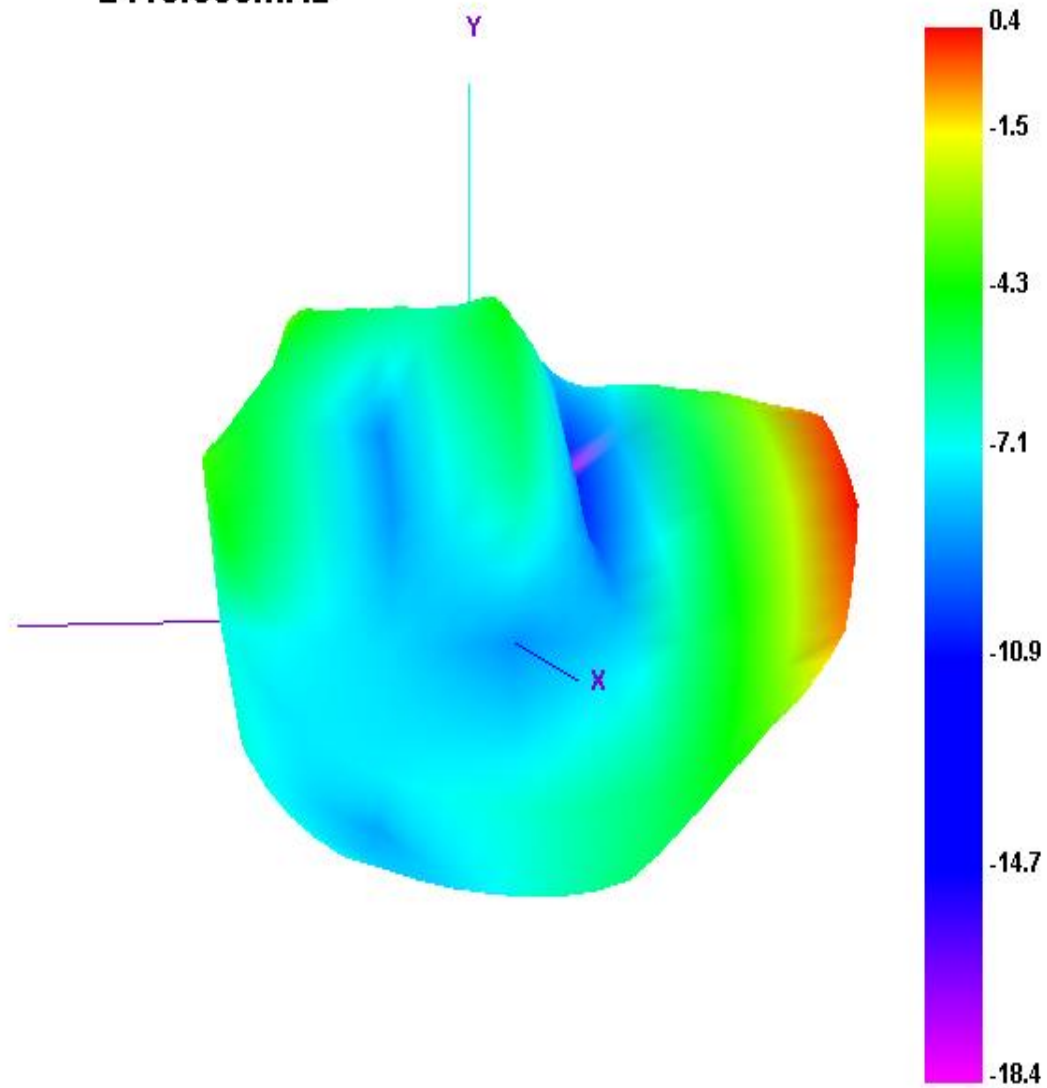
2480.000MHz



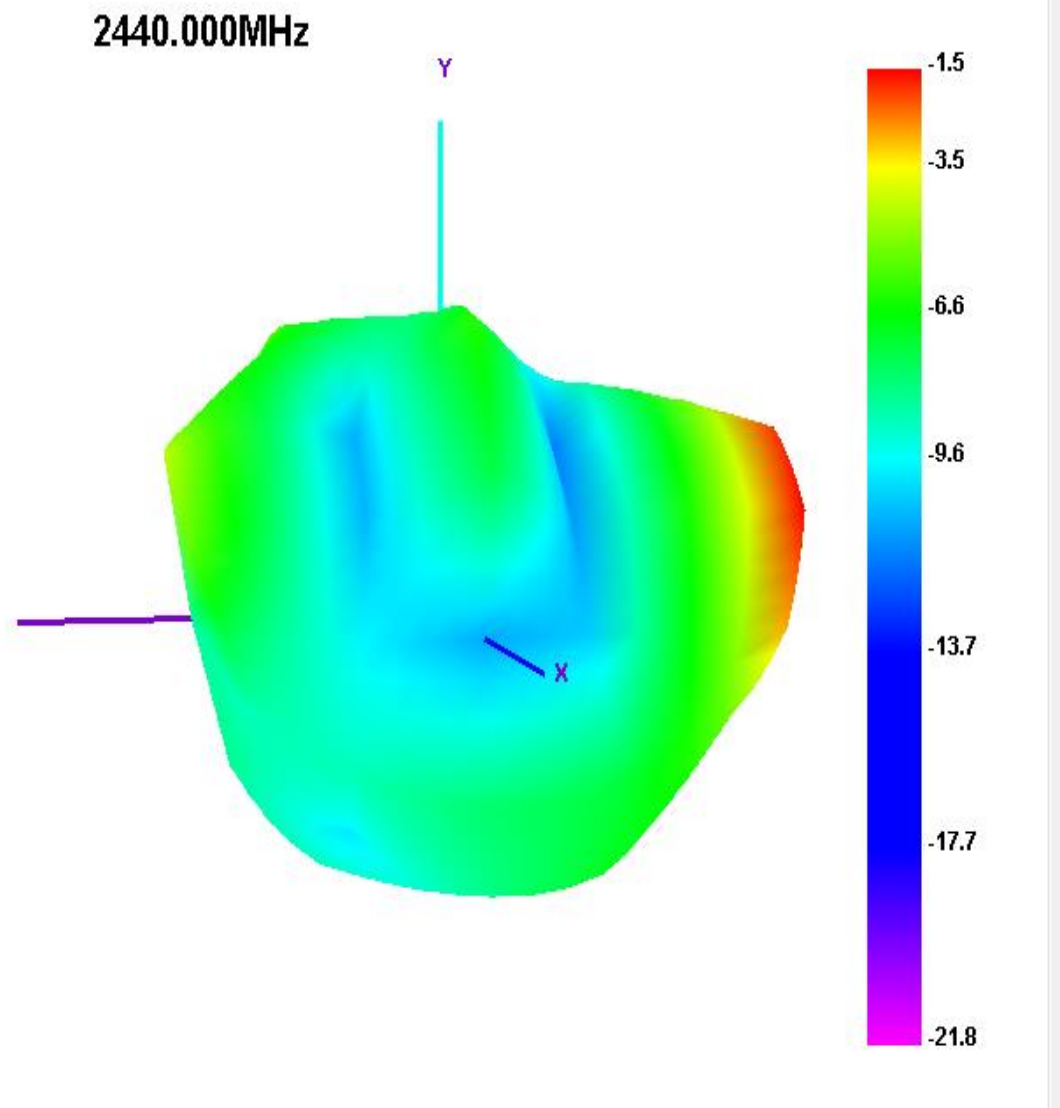
3D Radiation pattern f = 2410MHz

2410.000MHz

2410.000MHz

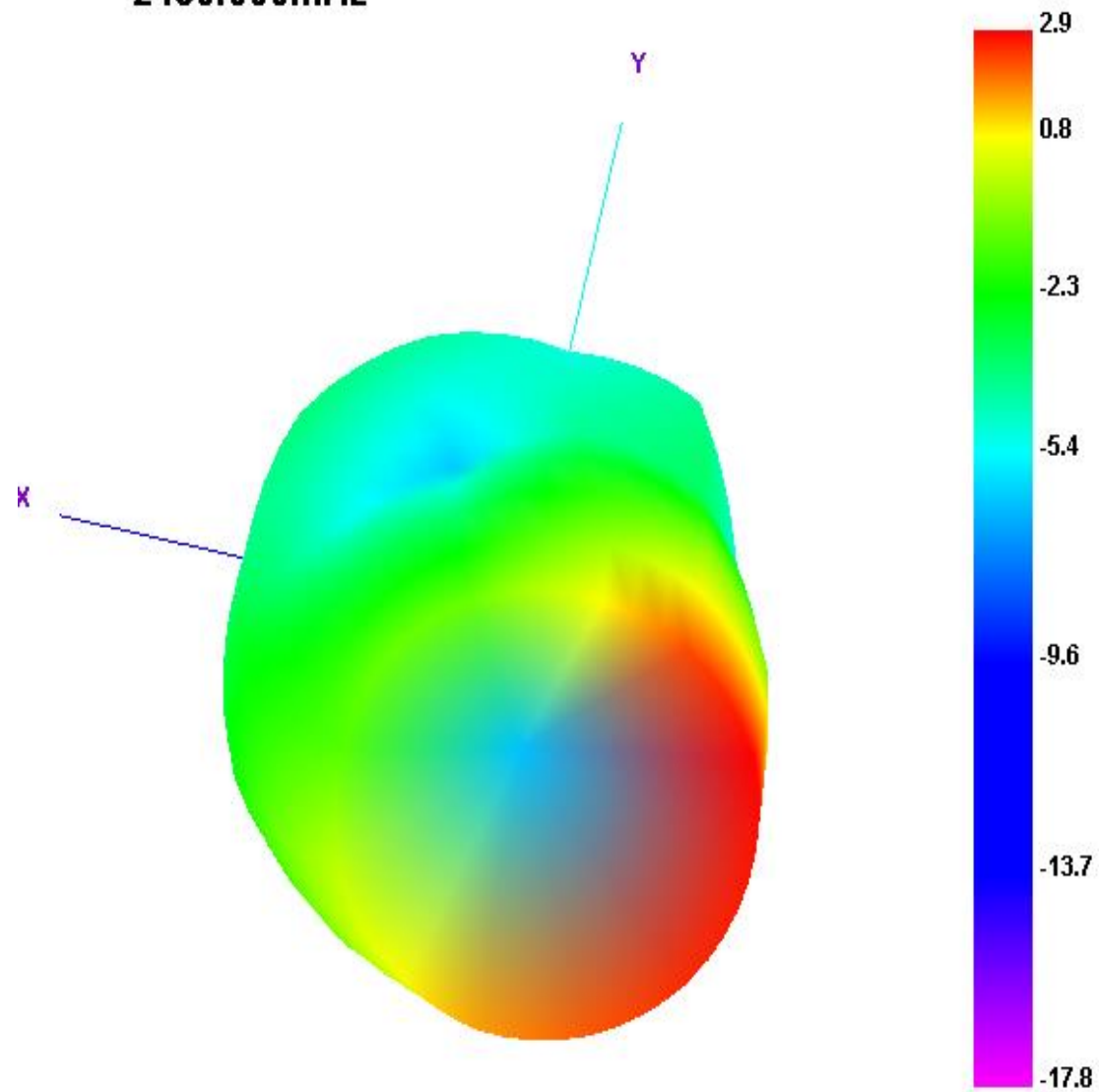


3D Radiation pattern $f = 2440\text{MHz}$



3D Radiation pattern $f = 2480\text{MHz}$

2480.000MHz



Measurements summary

Frequency(GHz)	Gain(dBi)	CP Gain(dBi)	CO Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	-1.2	--	--	--	14.99
2410	0.38	--	--	--	22.46
2420	0.37	--	--	--	23.3
2430	-0.72	--	--	--	18.25
2440	-1.5	--	--	--	15.28
2450	-1.11	--	--	--	16.63
2460	-2.04	--	--	--	13.09
2470	-0.95	--	--	--	17.24
2480	-0.07	--	--	--	21.51
2490	0.38	--	--	--	24.89
2500	0.36	--	--	--	24.18

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