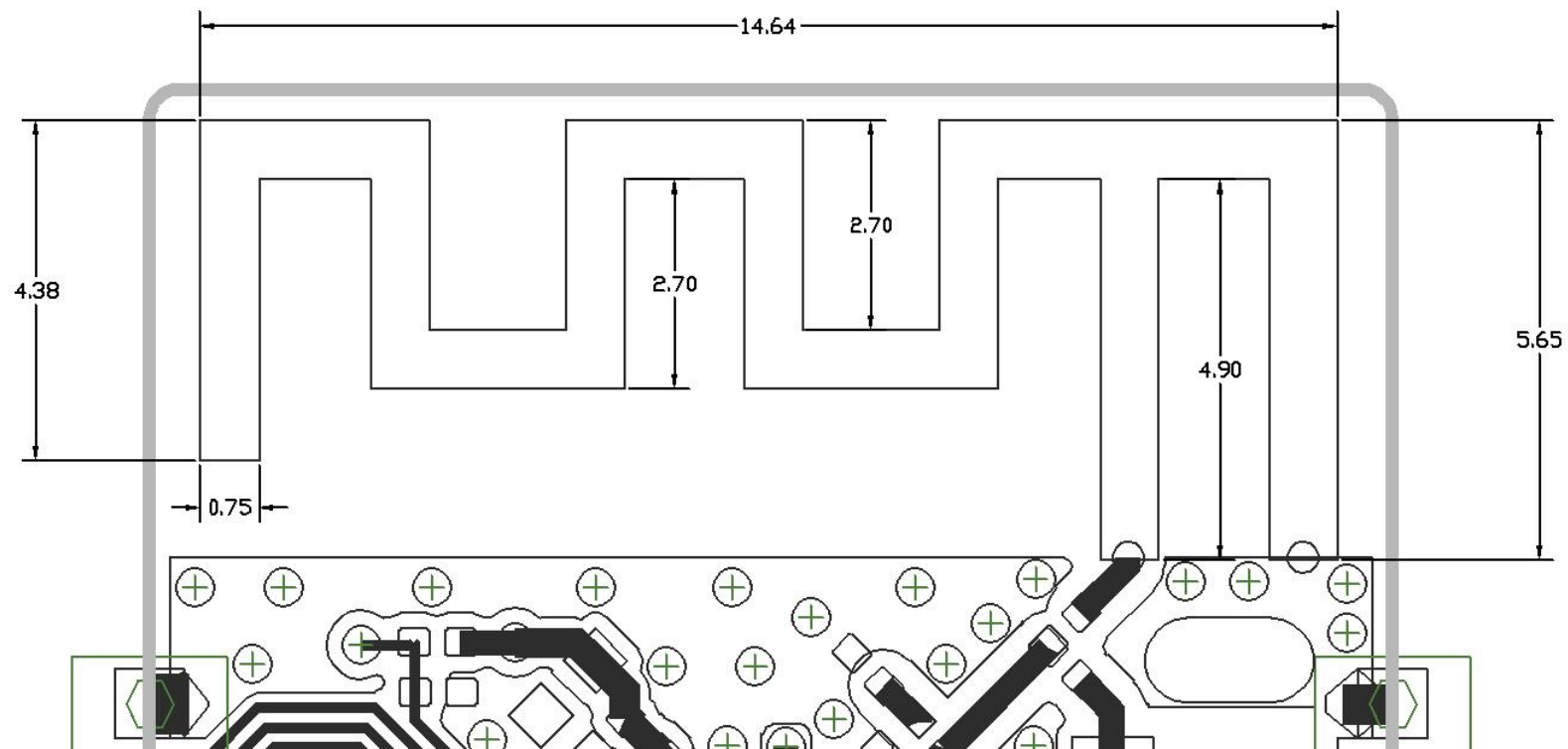


Antenna Specification

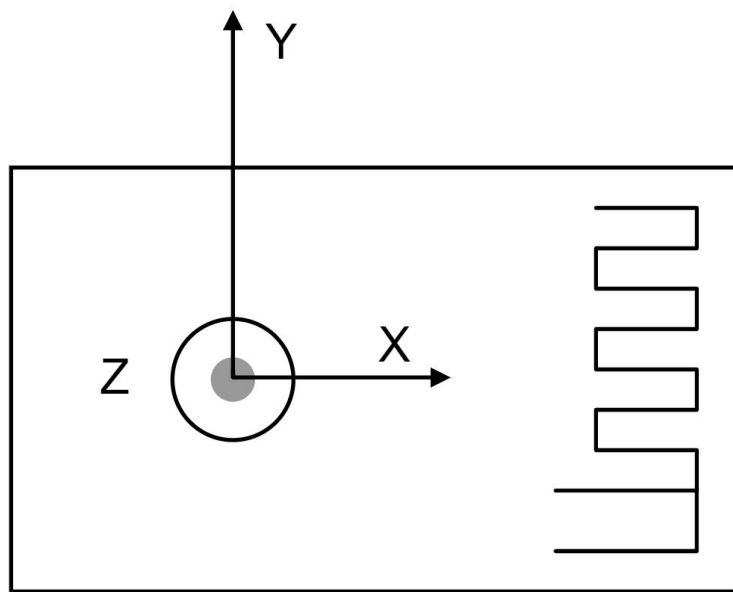
ITEM	SPEC
Antenna type	PCB Antenna(B)
Center Frequency	2400Mhz -0.22dBi 2450Mhz -0.41dBi 2500Mhz 0.59dBi
MAX GAIN	1.18dbi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50ohm
Antenna Length	40mm

Antenna Photo & Length(mm)

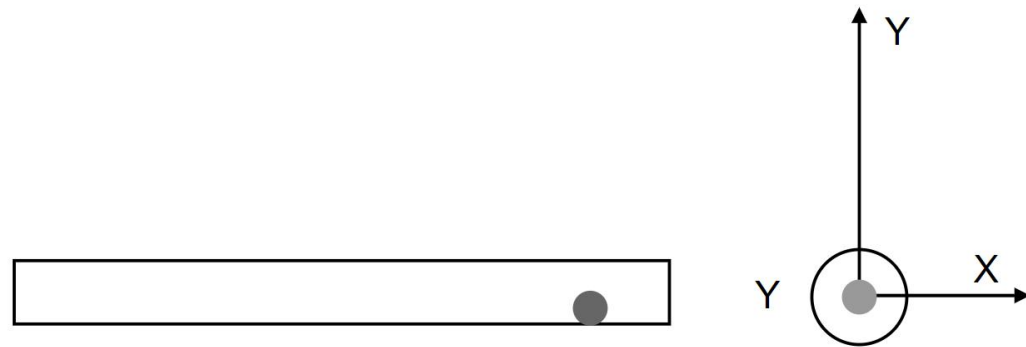


Coordinate System Reference:Antenna

Top view



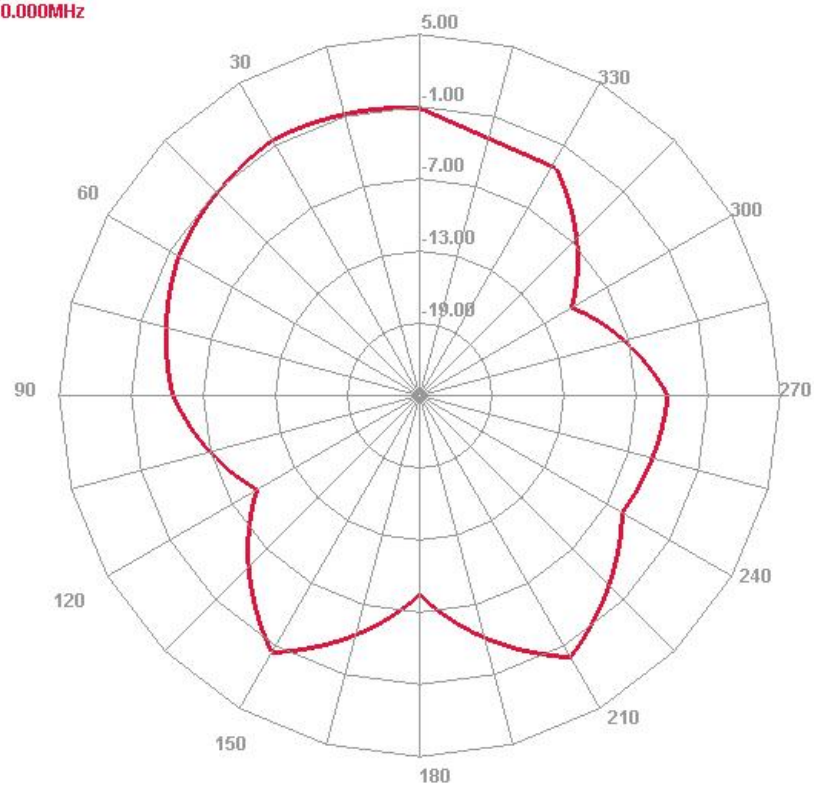
Side view



2D Radiation pattern $f = 2410\text{MHz}$

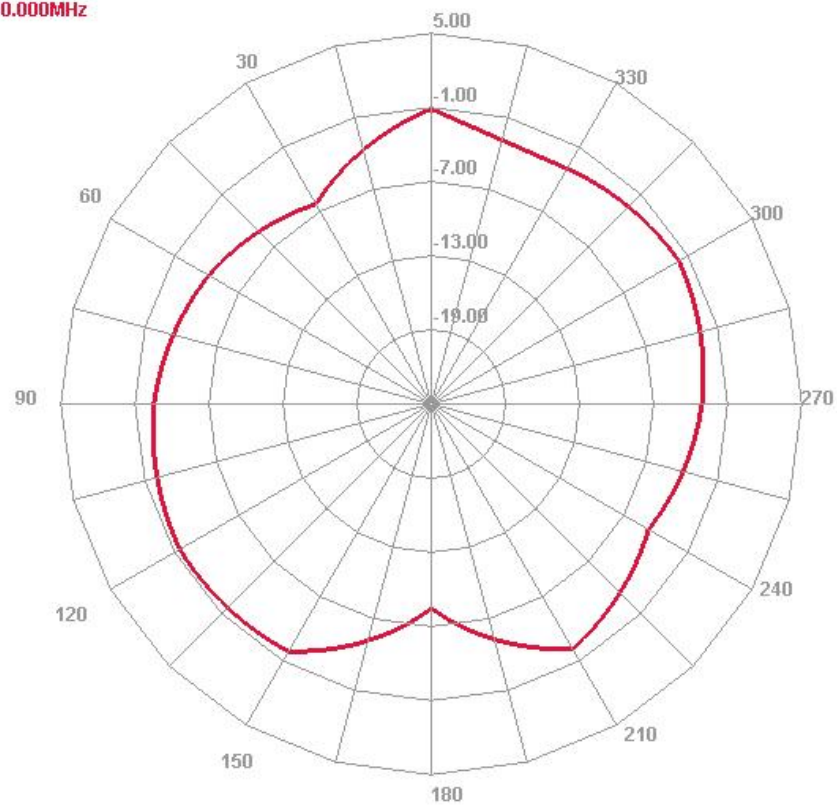
E1 Face

2410.000MHz



E2 Face

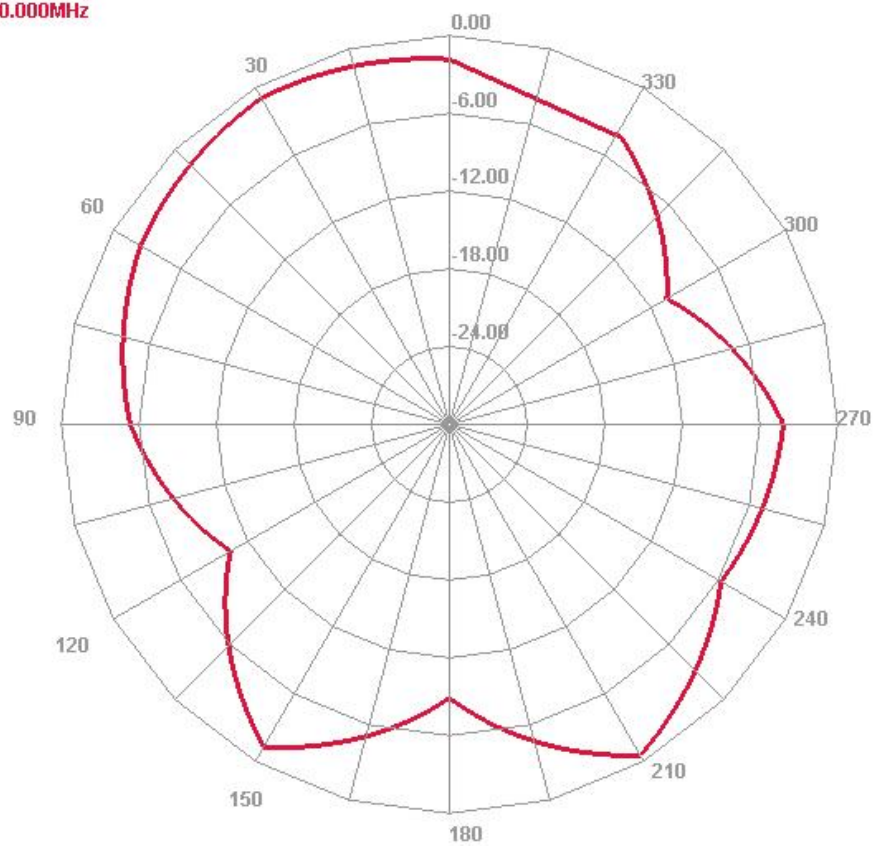
2410.000MHz



2D Radiation pattern $f = 2450\text{MHz}$

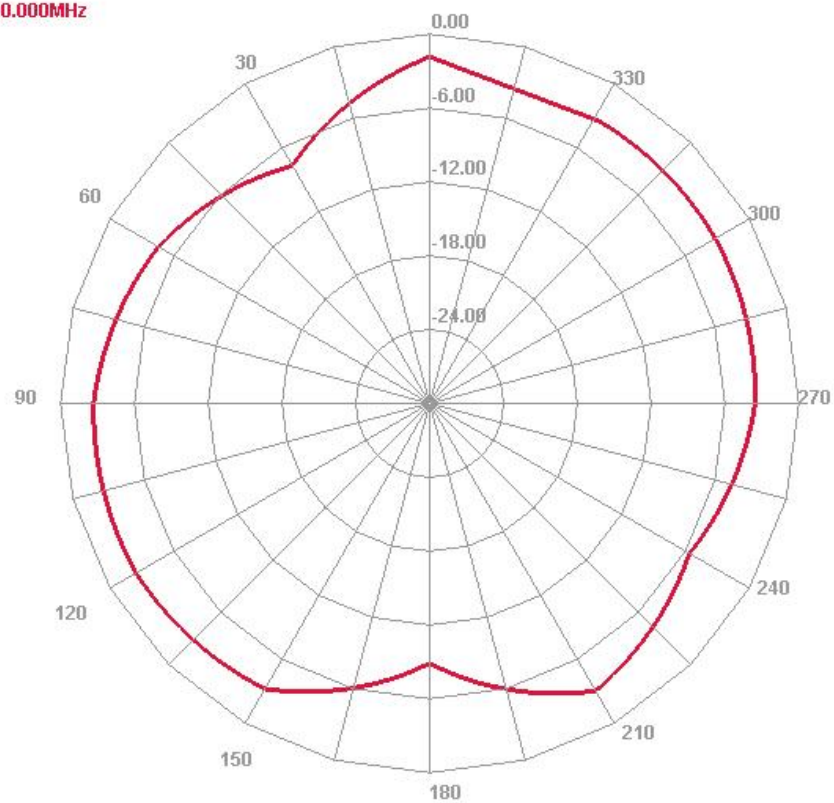
E1 Face

2450.000MHz



E2 Face

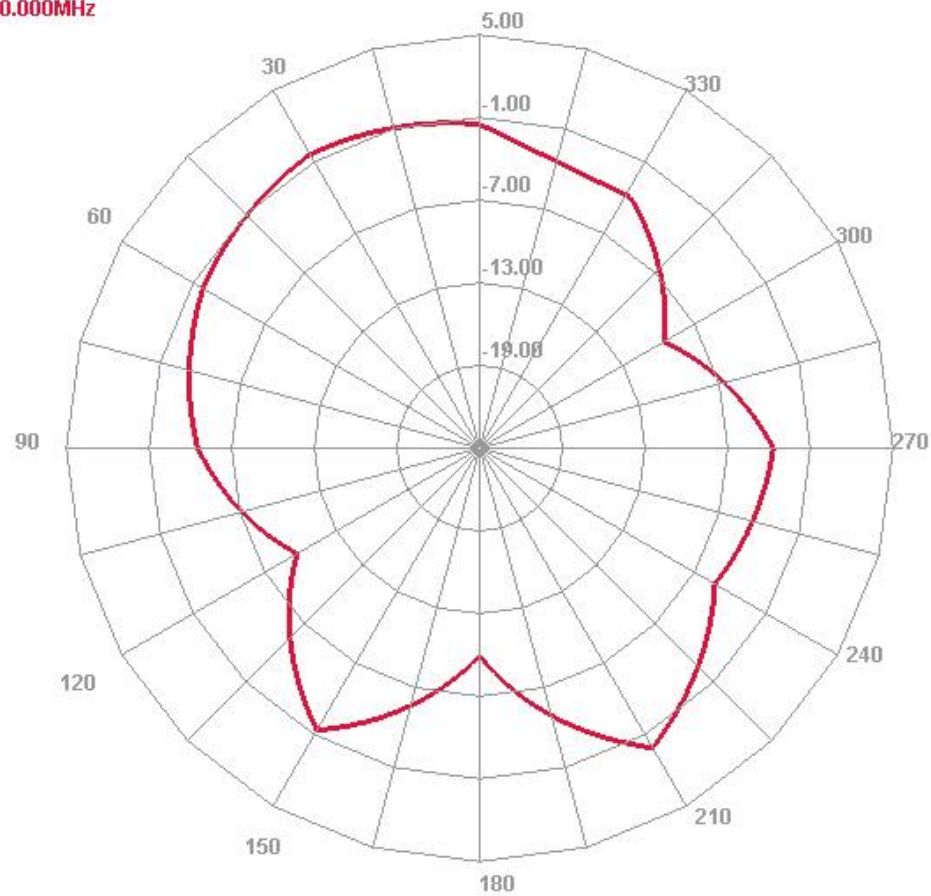
2450.000MHz



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

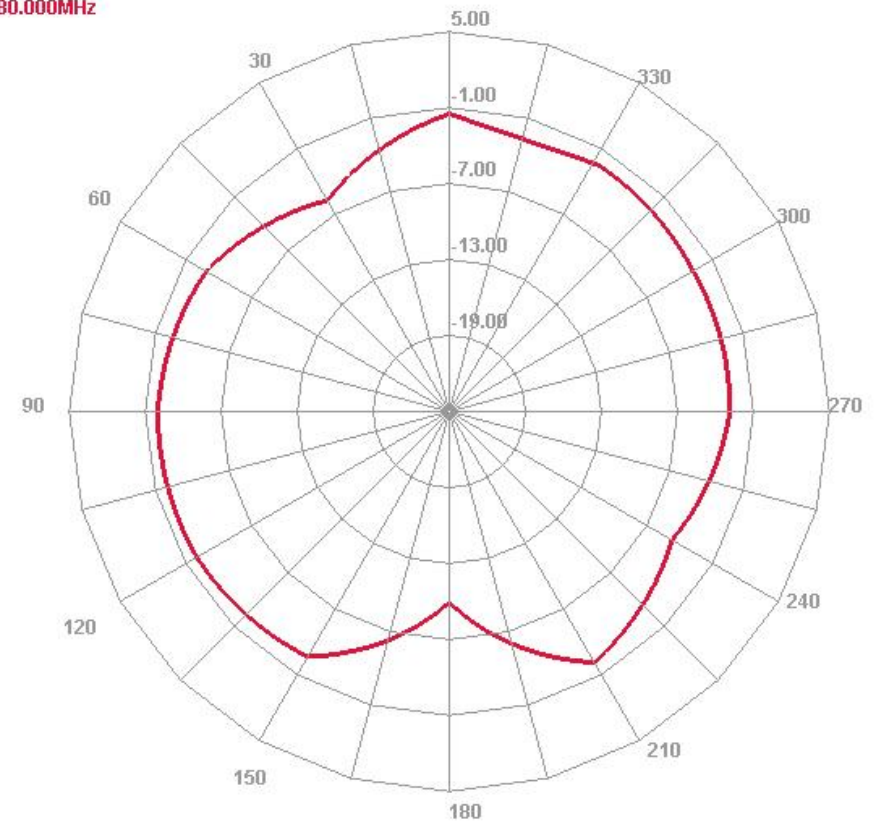
E1 Face

2480.000MHz



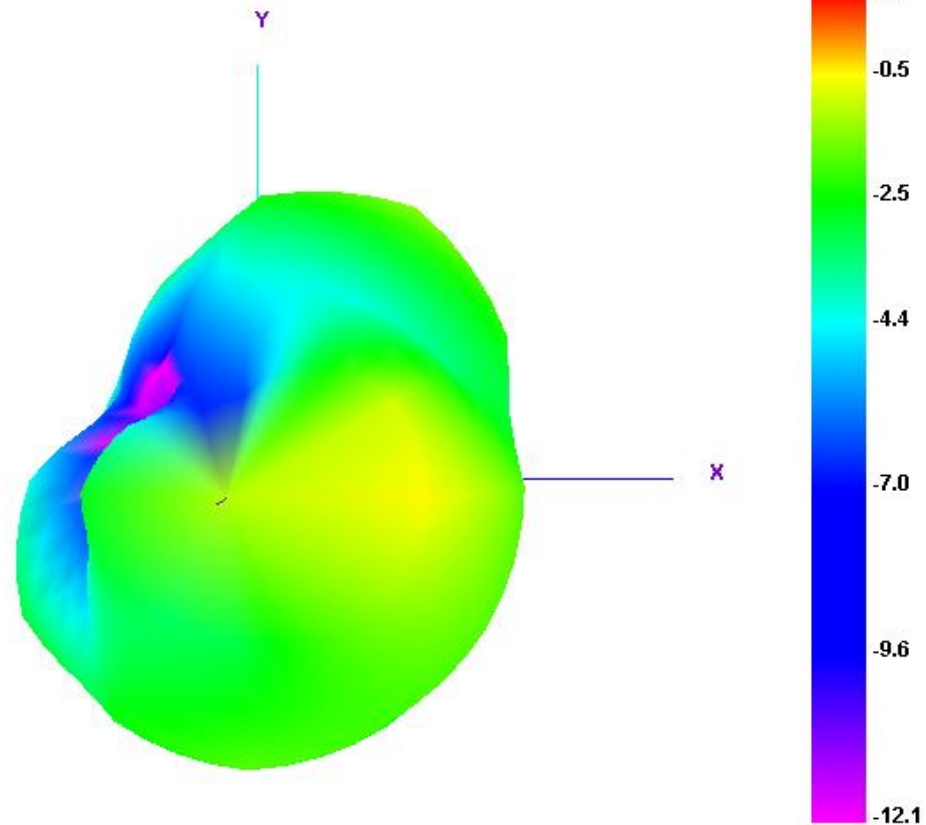
E2 Face

2480.000MHz

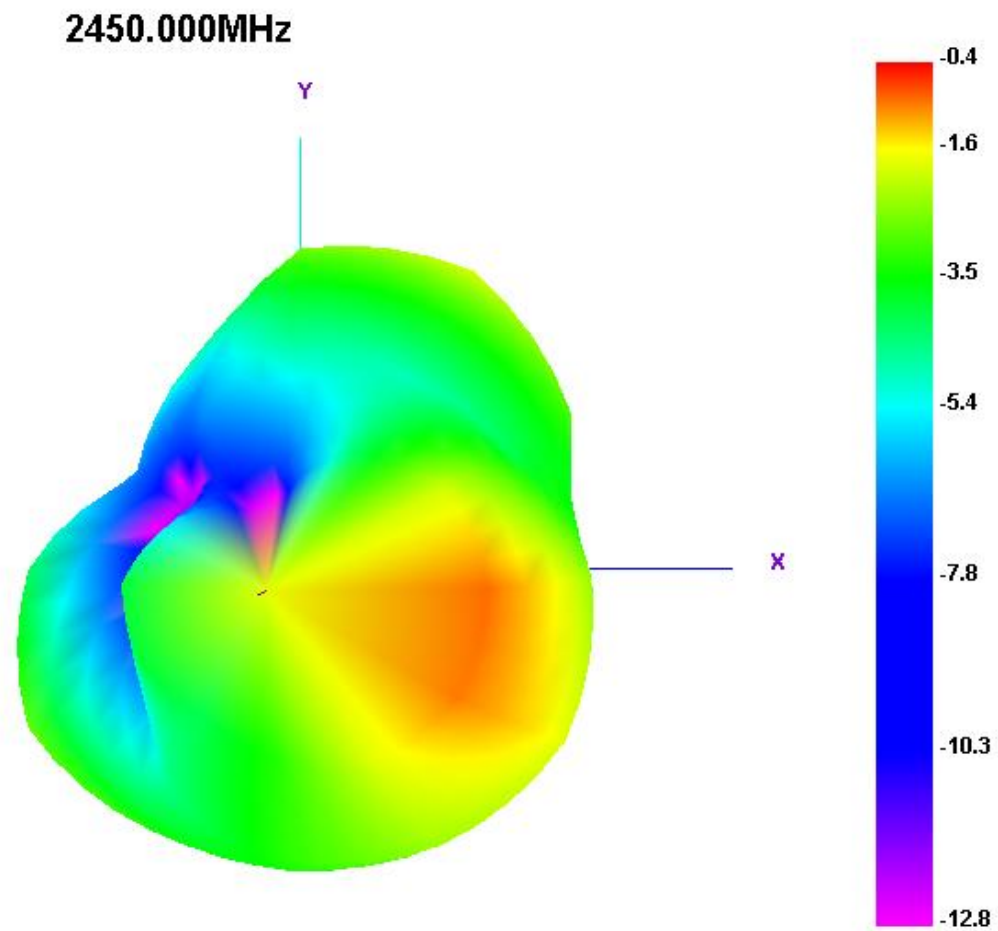


3D Radiation pattern $f = 2410\text{MHz}$

2410.000MHz

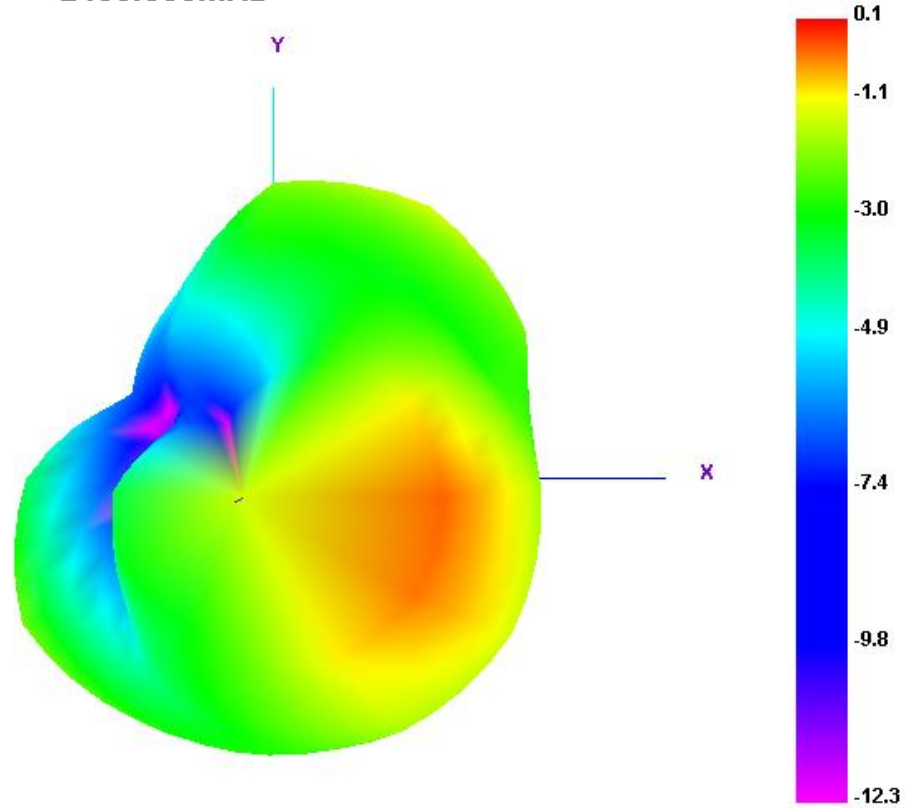


3D Radiation pattern $f = 2450\text{MHz}$



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	-0.22	--	--	--	37.73
2410	0.76	--	--	--	46.44
2420	1.18	--	--	--	50.95
2430	0.98	--	--	--	49.54
2440	-0.2	--	--	--	39.5
2450	-0.41	--	--	--	39.62
2460	-0.51	--	--	--	38.09
2470	-0.7	--	--	--	36.9
2480	0.11	--	--	--	46.09
2490	0.59	--	--	--	51.72
2500	0.59	--	--	--	52.47

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