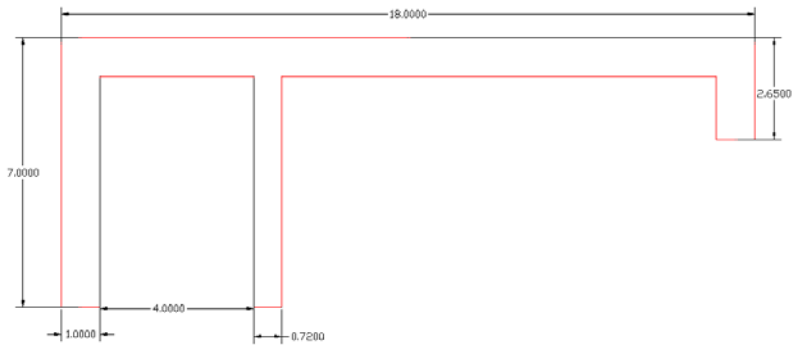


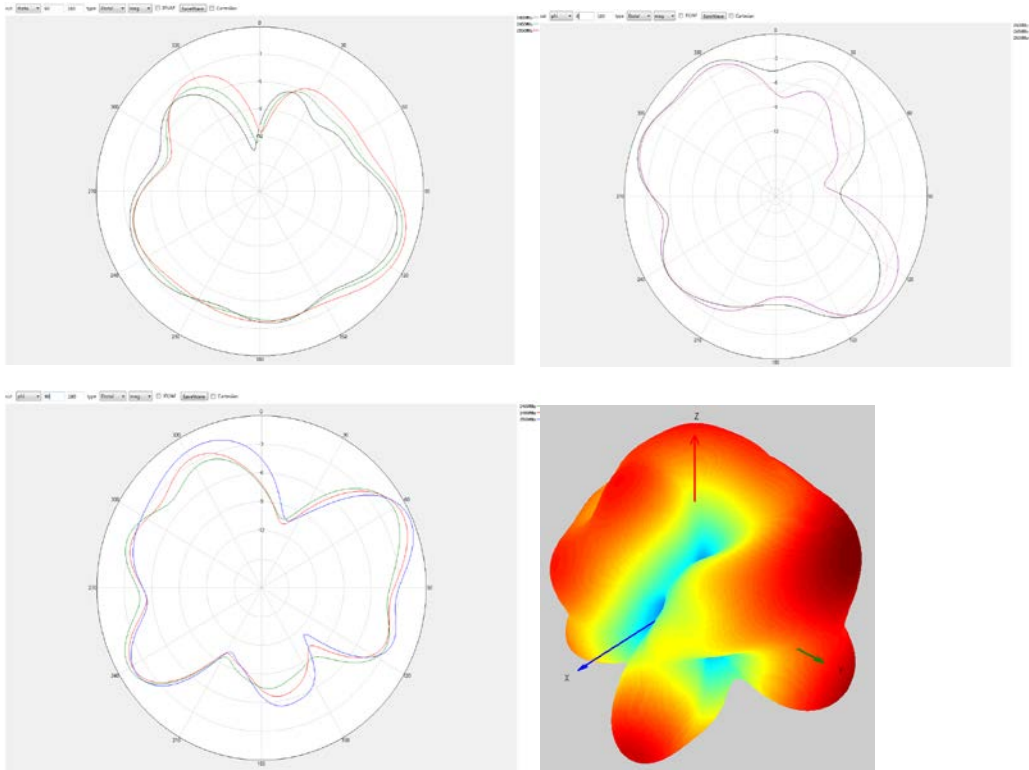
# Antenna Specification

Manufacture	Savant Technologies LLC, dba GE Lighting, a Savant company
Address	1975 Noble Road, Cleveland, OH 44112
Model	GEL_52840
Operating Band	2400~2483.5MHz
Antenna Type	inverted F PCB antenna
Polarization	Linear
Impedance	50Ω
Antenna peak gain	1.49dBi

Antenna picture (unit: mm)



## Antenna pattern (2D/3D)



f(MHZ)	Efficiency(%)	Total Peak GAIN	total min gain
2400	36.86%	1.13	-17.09
2410	37.42%	1.28	-17.82
2420	38.89%	1.49	-17.74
2430	38.38%	1.43	-17.06
2440	38.34%	1.38	-15.97
2450	36.35%	1.23	-15.65
2460	36.19%	1.26	-15.7
2470	36.38%	1.13	-15.56
2480	35.64%	0.89	-16.19
2490	36.33%	0.73	-17.57
MAX	38.89%	1.49	-15.56
Min	35.64%	0.73	-17.82