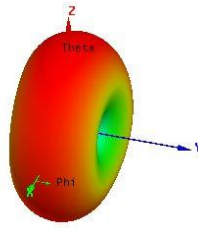
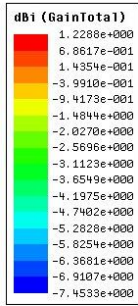


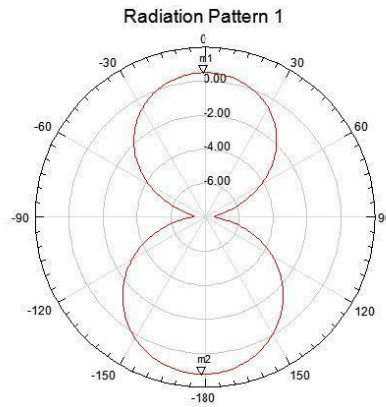
Appendix A

<i>Frequency</i>	<i>Max Total Gain</i>	<i>Effeciency</i>
<i>MHz</i>	<i>dBi</i>	<i>%</i>
<i>2400</i>	-0.46	32
<i>2402</i>	-0.39	32
<i>2404</i>	-0.35	32
<i>2406</i>	-0.32	33
<i>2408</i>	-0.3	33
<i>2410</i>	-0.25	33
<i>2412</i>	-0.22	33
<i>2414</i>	-0.18	34
<i>2416</i>	-0.13	34
<i>2418</i>	-0.06	34
<i>2420</i>	0	35
<i>2422</i>	0.05	35
<i>2424</i>	0.09	35
<i>2426</i>	0.16	35
<i>2428</i>	0.24	35
<i>2430</i>	0.31	35
<i>2432</i>	0.39	36
<i>2434</i>	0.5	36
<i>2436</i>	0.65	37
<i>2438</i>	0.87	38
<i>2440</i>	1.22	38
<i>2442</i>	0.96	38
<i>2444</i>	0.73	37
<i>2446</i>	0.61	37
<i>2448</i>	0.53	37
<i>2450</i>	0.44	37
<i>2452</i>	0.4	36
<i>2454</i>	0.35	36
<i>2456</i>	0.27	35
<i>2458</i>	0.19	35
<i>2460</i>	0.12	35
<i>2462</i>	0.07	35
<i>2464</i>	-0.01	34
<i>2466</i>	-0.08	34
<i>2468</i>	-0.14	34
<i>2470</i>	-0.23	33
<i>2472</i>	-0.27	33
<i>2474</i>	-0.33	33
<i>2476</i>	-0.37	33
<i>2478</i>	-0.4	33
<i>2480</i>	-0.42	33
<i>2482</i>	-0.43	33



Name	Phi	Ang	dBi
m1	360.0000	-0.0000	0.5071
m2	181.0000	-179.0000	1.2262

XY_Plane

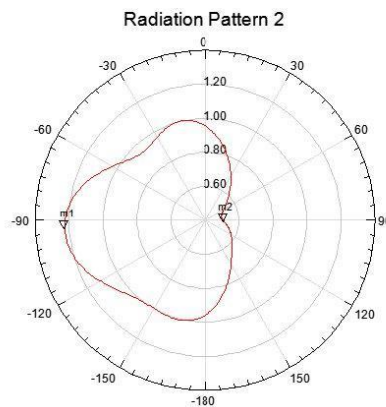


Curve Info

—	dBi (GainTotal)
—	Setup1 : LastAdaptive
—	Freq=2.44GHz Theta=90deg

Name	Theta	Ang	dBi
m1	-93.0000	-93.0000	1.2257
m2	92.0000	92.0000	0.5101

XZ_Plane



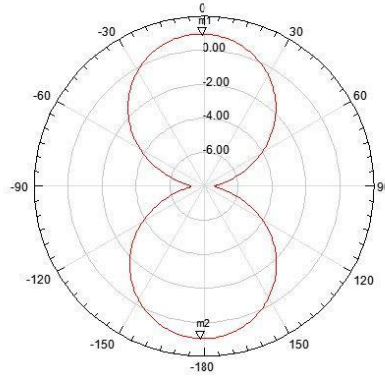
Curve Info

—	dBi (GainTotal)
—	Setup1 : LastAdaptive
—	Freq=2.44GHz Phi=0deg

Name	Theta	Ang	dBi
m1	0.0000	0.0000	0.9557
m2	-179.0000	-179.0000	0.9583

YZ_Plane

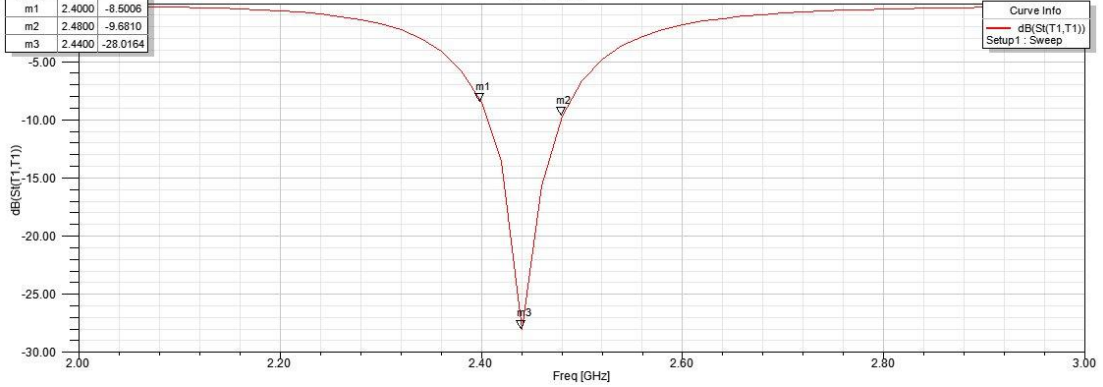
Radiation Pattern 3



Curve Info	
—	dBi(GainTotal)
Setup1 : LastAdaptive	
Freq=2.44GHz Phi=90deg	

Name	X	Y
m1	2.4000	-8.5006
m2	2.4800	-9.6810
m3	2.4400	-28.0164

XY Plot 1



Curve Info	
—	dB(S11(T1,T1))
Setup1 : Sweep	