

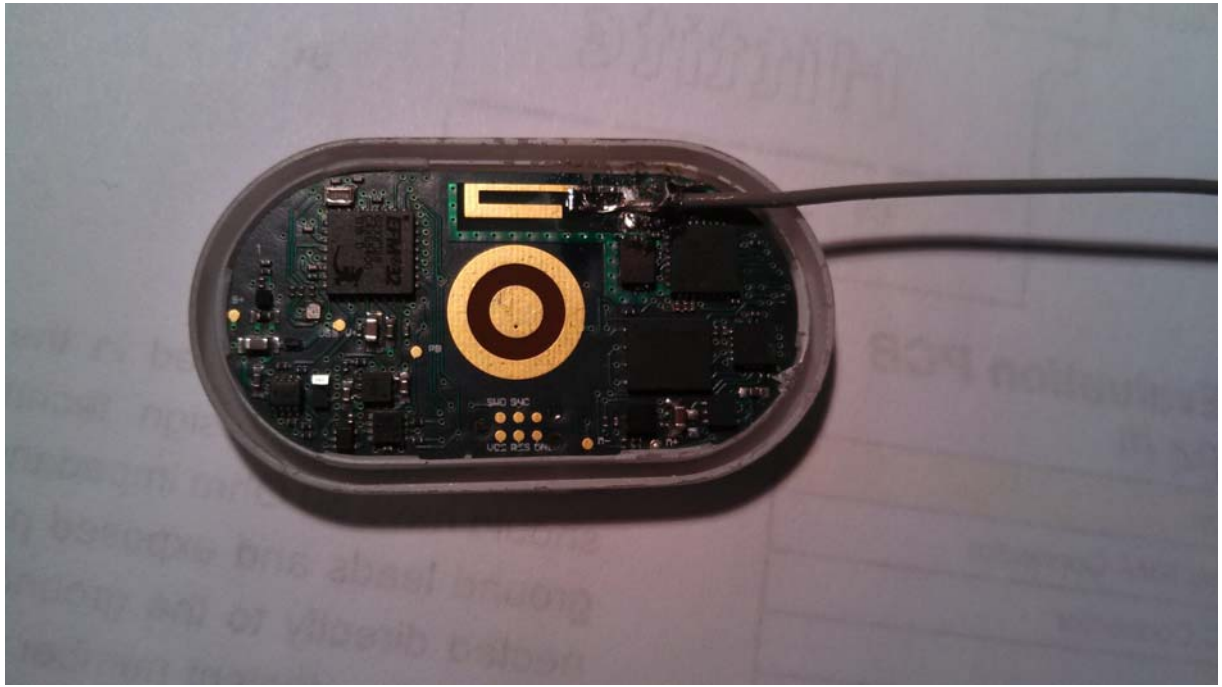
April 8, 2014

Lumo Lift
PCB Printed
PIFA
Antenna Performance
Report

Summary

Antenna Polarity	Peak Gain dBi
Horizontal	-0.413
Vertical	-1.2
Efficiency H	48%
Efficiency V	20%
Total Efficiency	52%

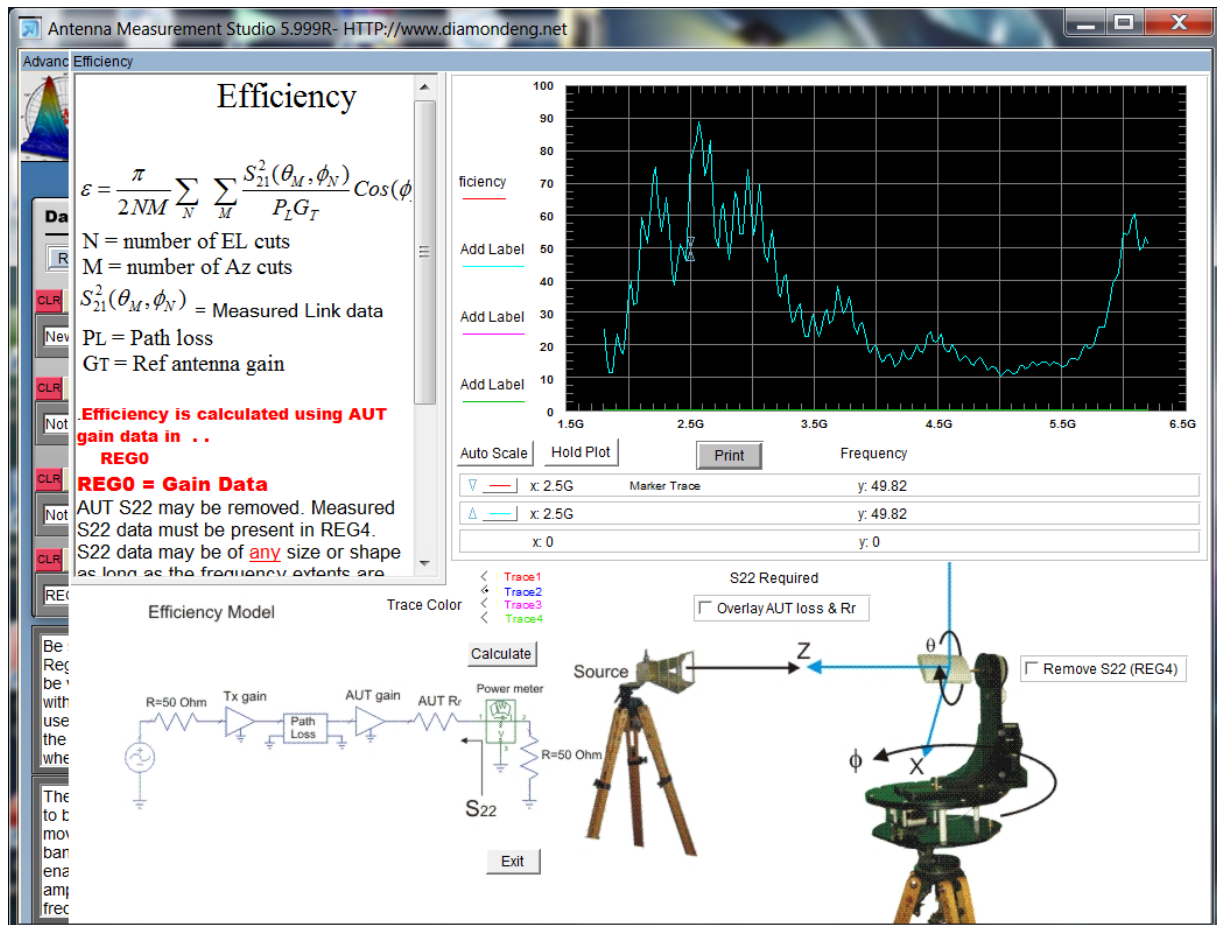
Antenna Position



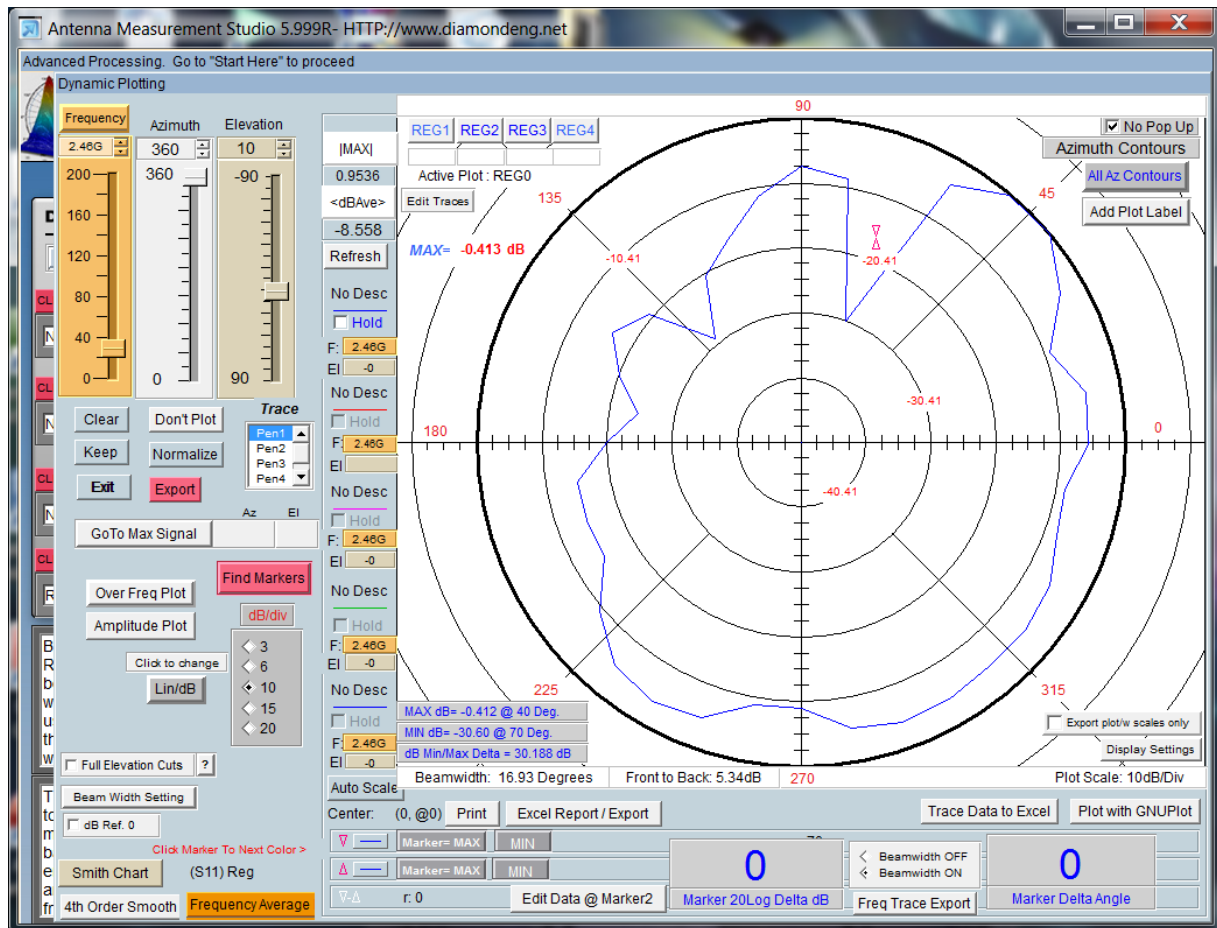
Ant Data

1. Aligned Polarity

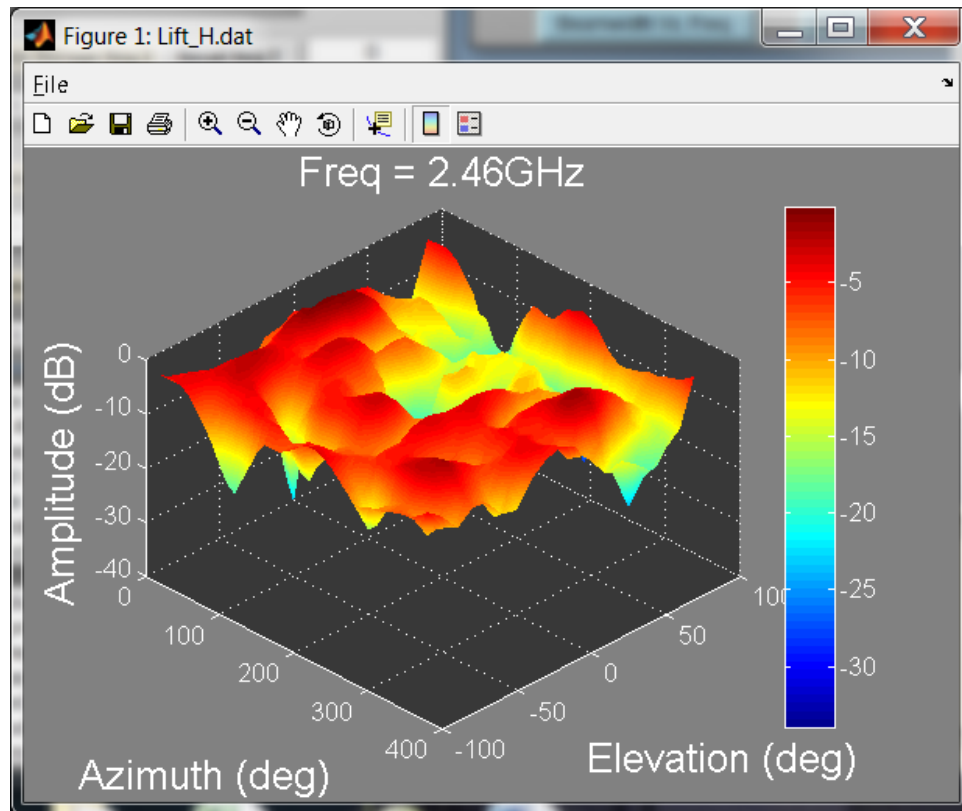
Efficiency ~48% > Average gain -3.1 dB



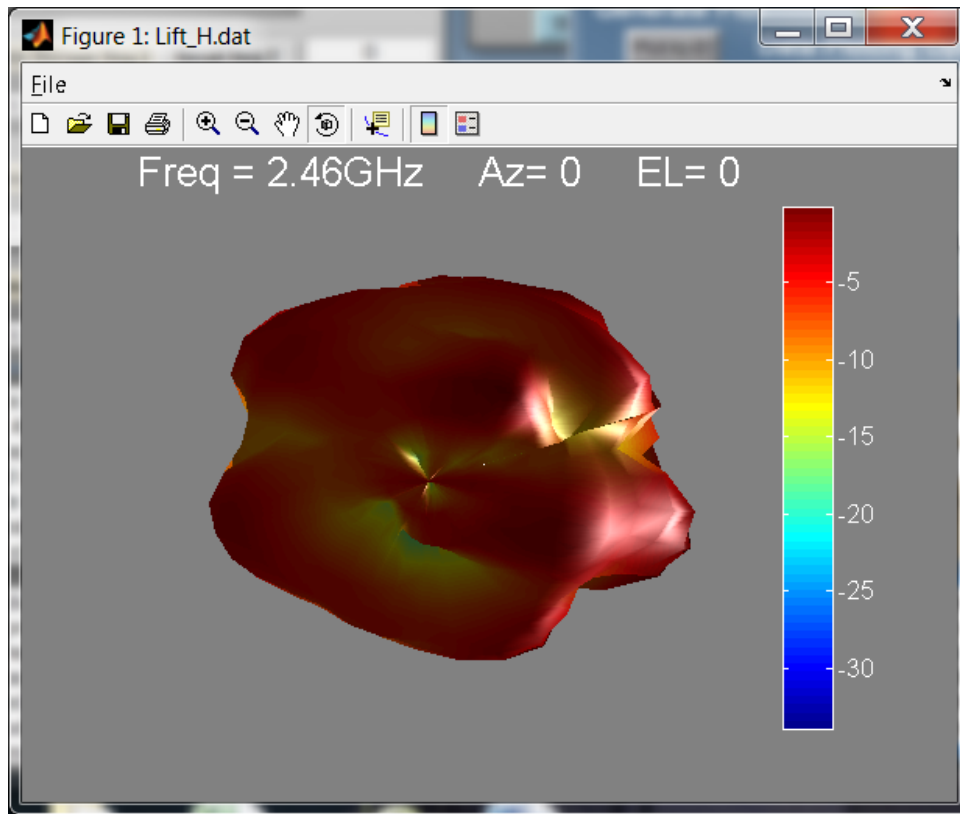
Peak Gain **-0.413dB**



2D Plot

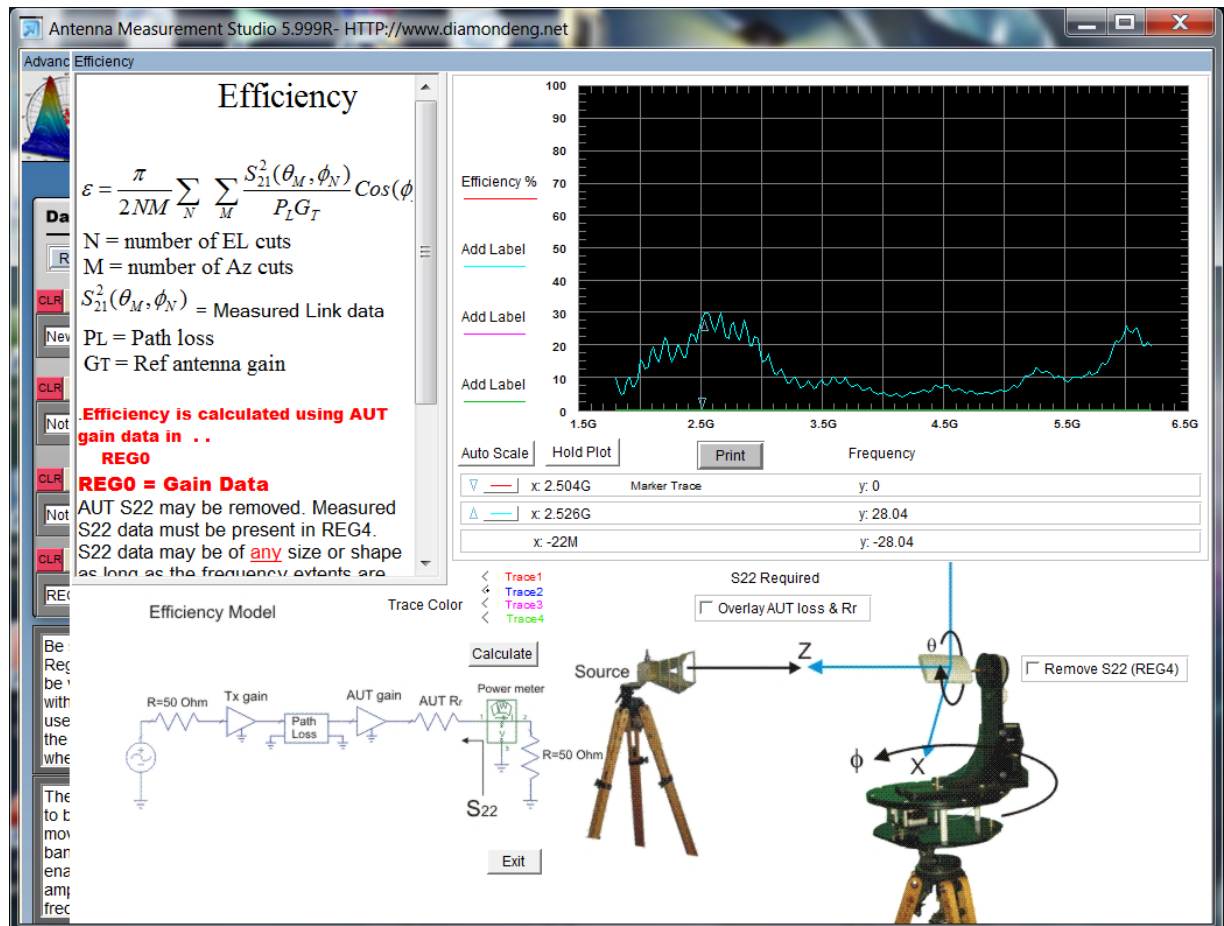


3D Plot

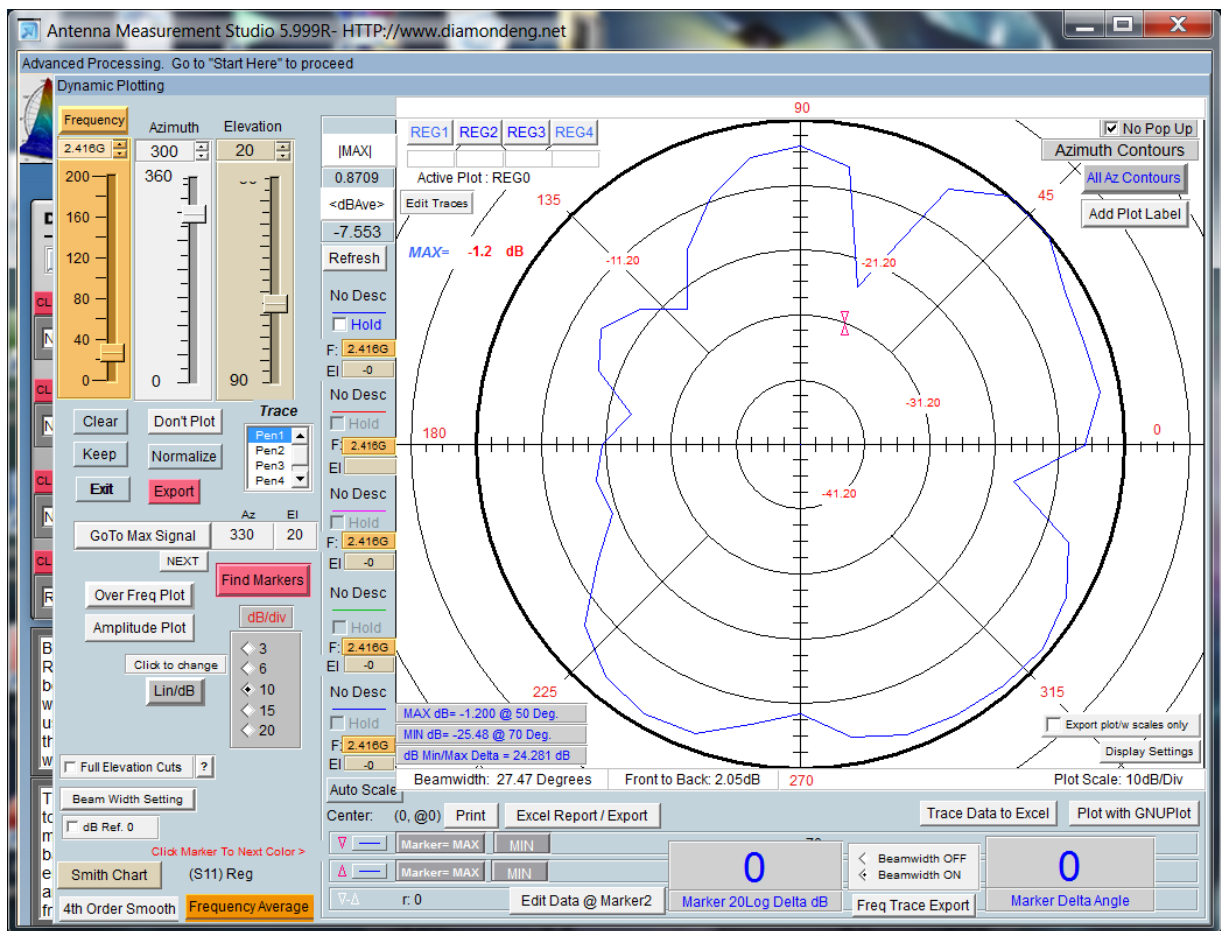


2. Cross Polarity

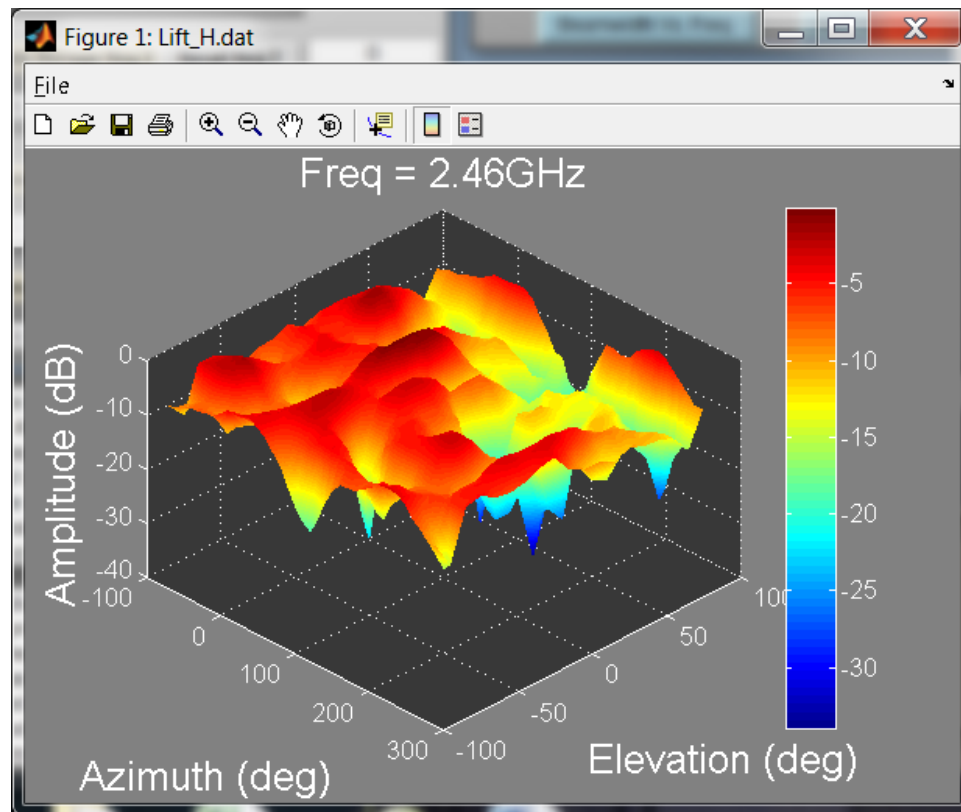
Efficiency ~25% > Average gain -6.0dBi



Peak Gain -1.2dB



2D Plot



3D Plot

