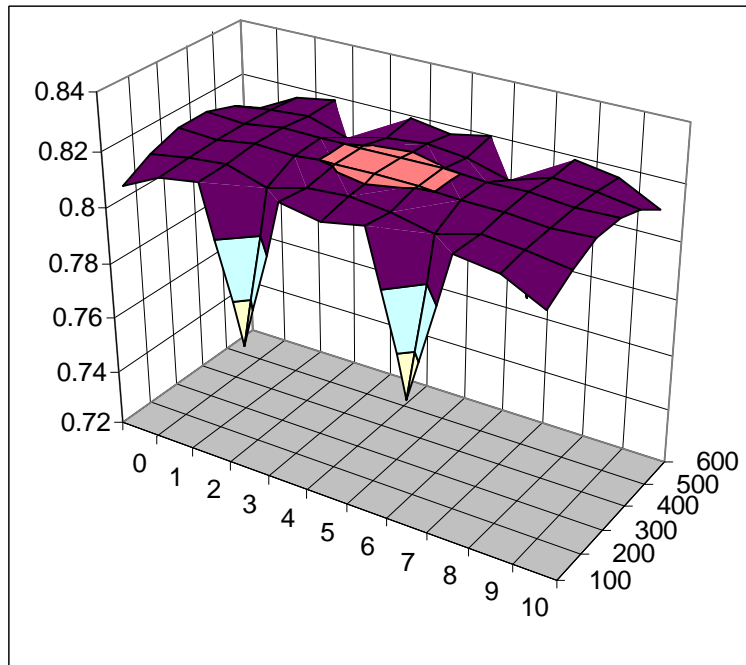


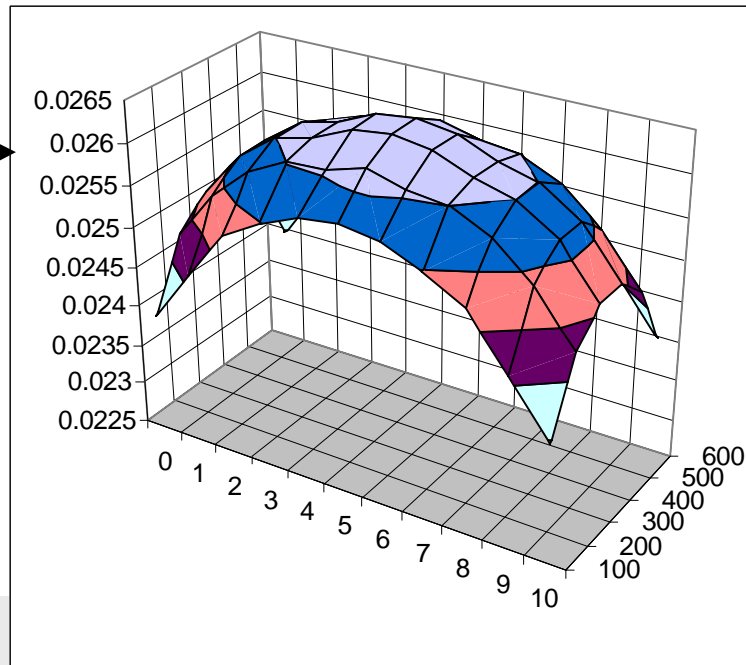
Measured Self-Impedance Surfaces

The following slides show the

- Measured self impedance magnitudes on
- 1"x1" grid over a 10"x5" PCB
- Bare PCB
- 1 x 2-mil epoxy-glass laminate on the left
- 1 x 0.3 mil laminate on the right
- Linear autoscale on top
- Fixed logarithmic scale on bottom



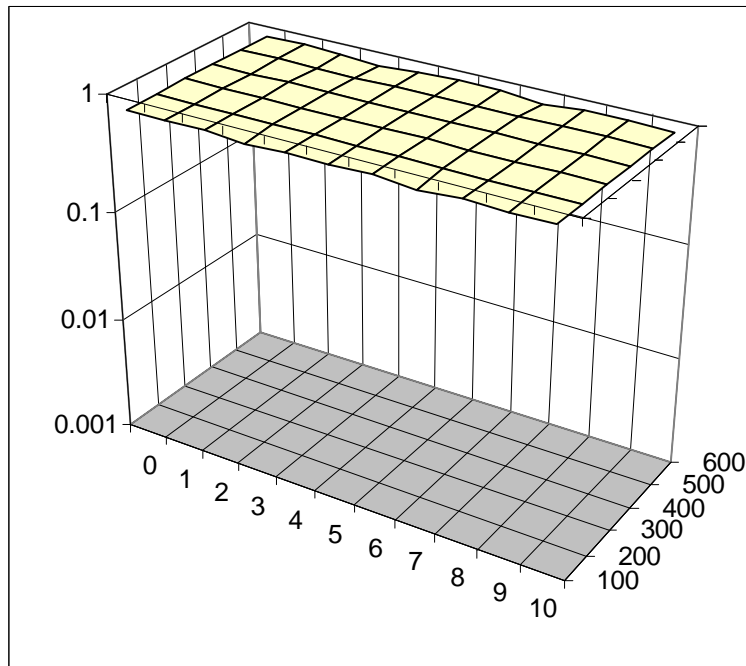
0.3 mil
linear



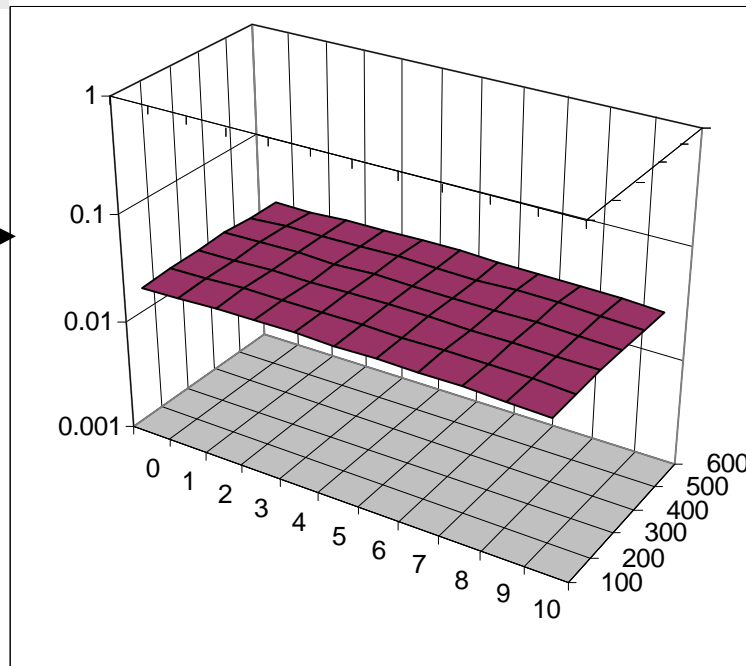
2 mil
linear



10MHz

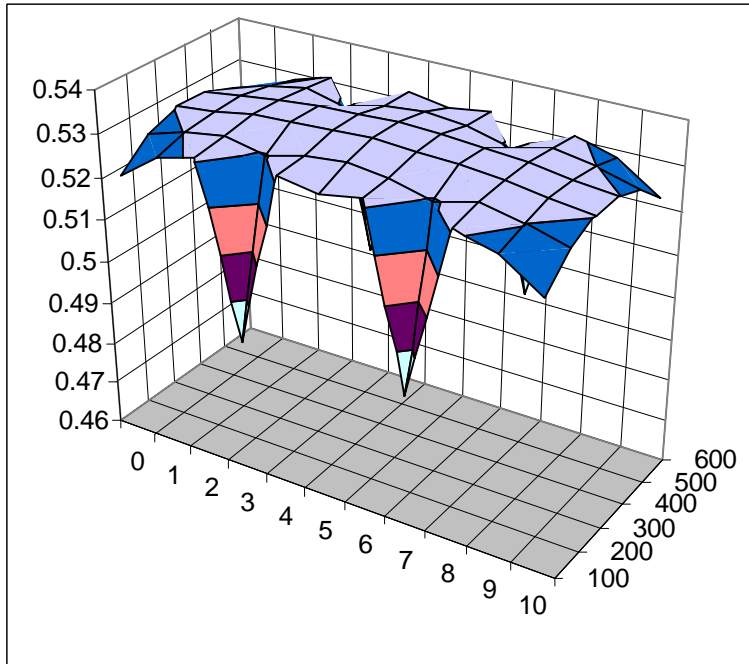


0.3mil
log

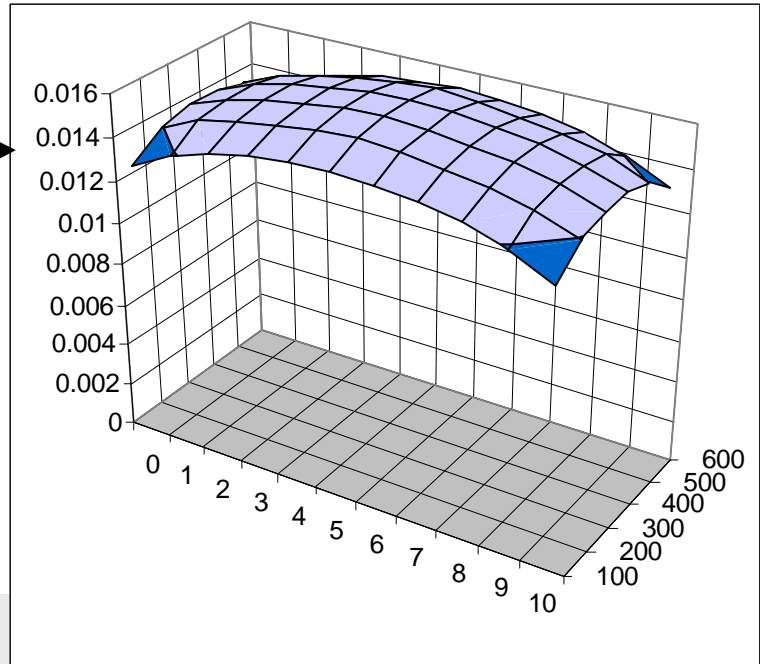


2 mil
log





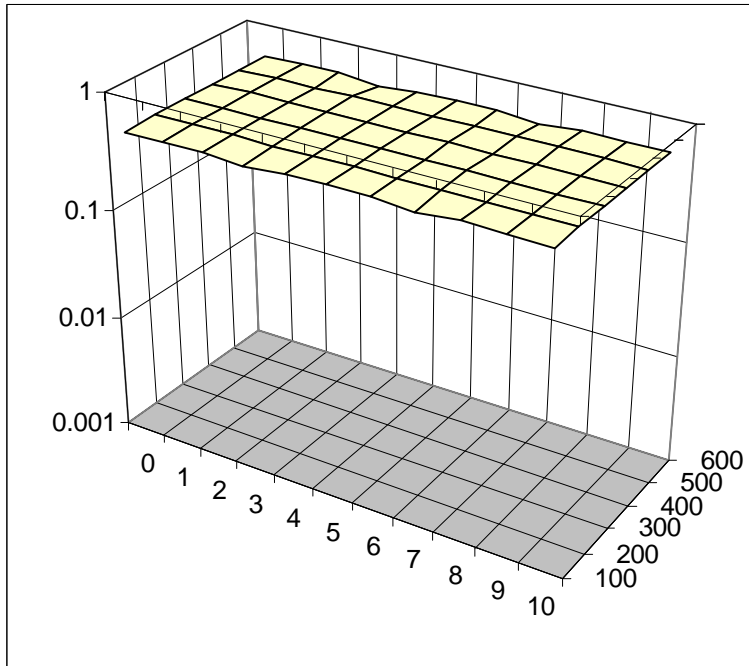
0.3 mil
linear



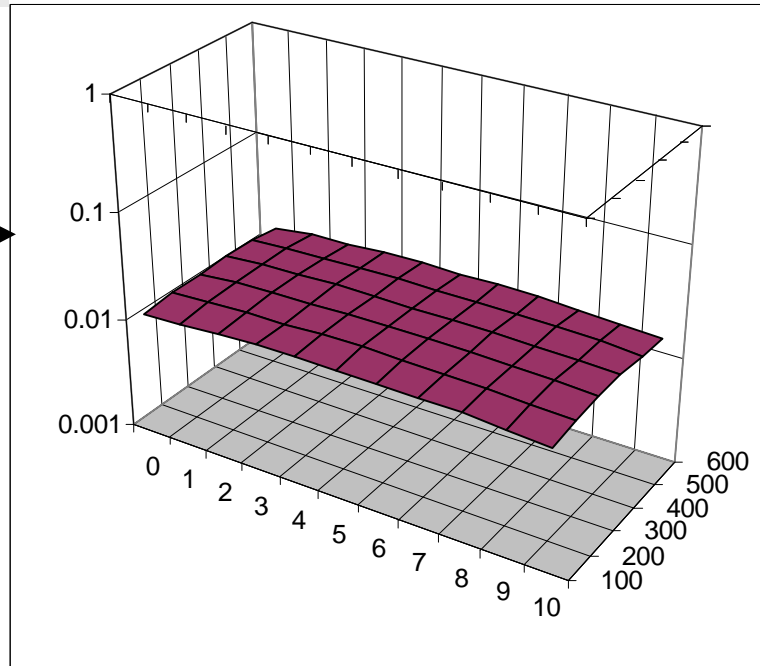
2 mil
linear



15MHz

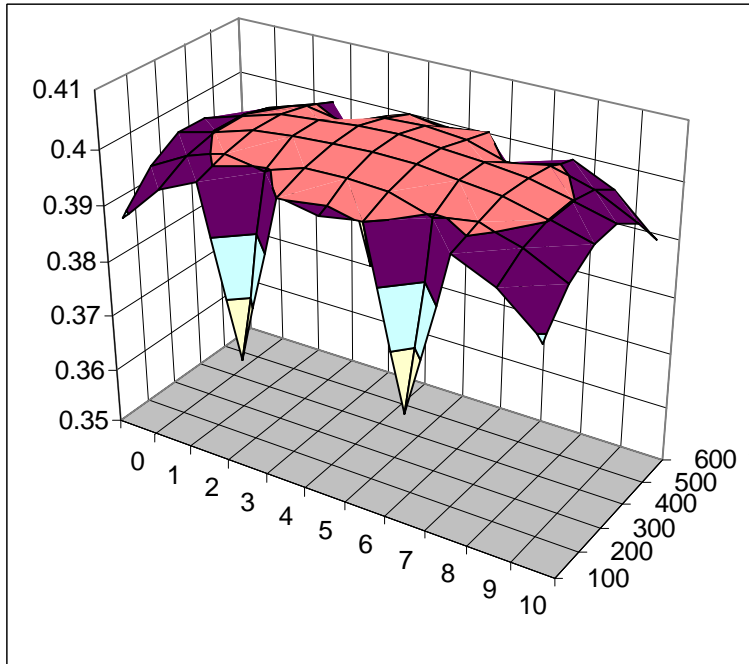


0.3mil
log

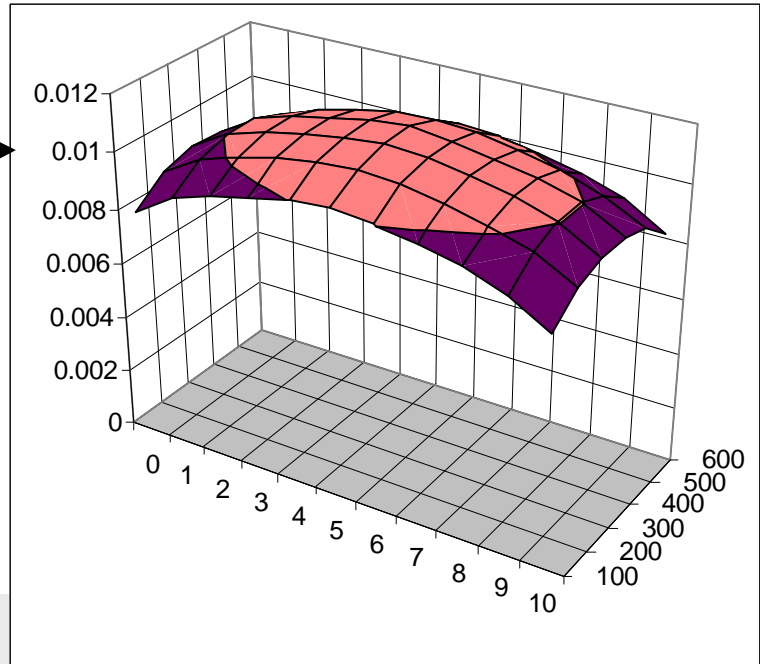


2 mil
log





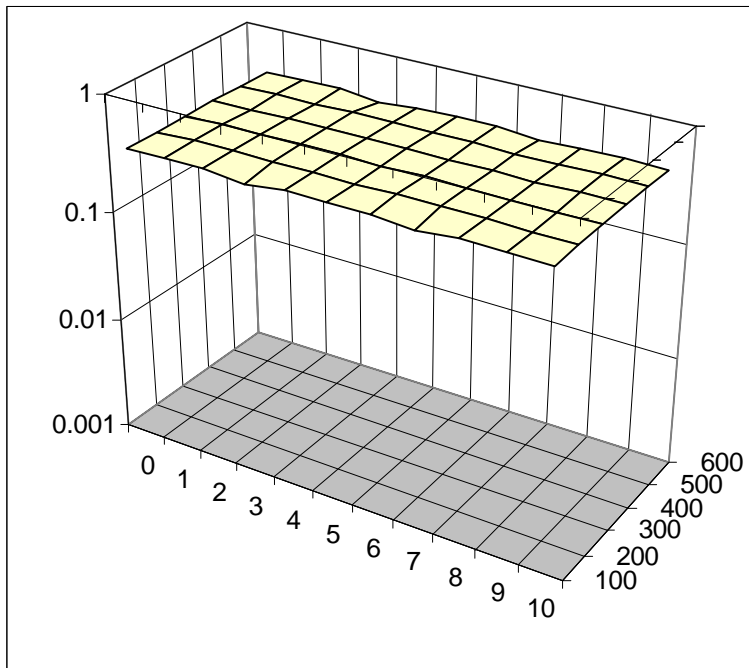
0.3 mil
linear



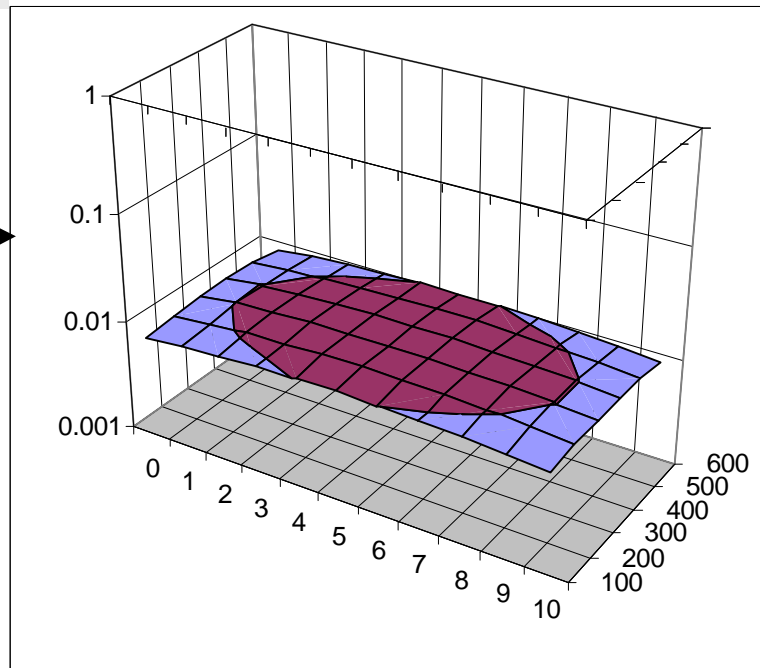
2 mil
linear



20MHz

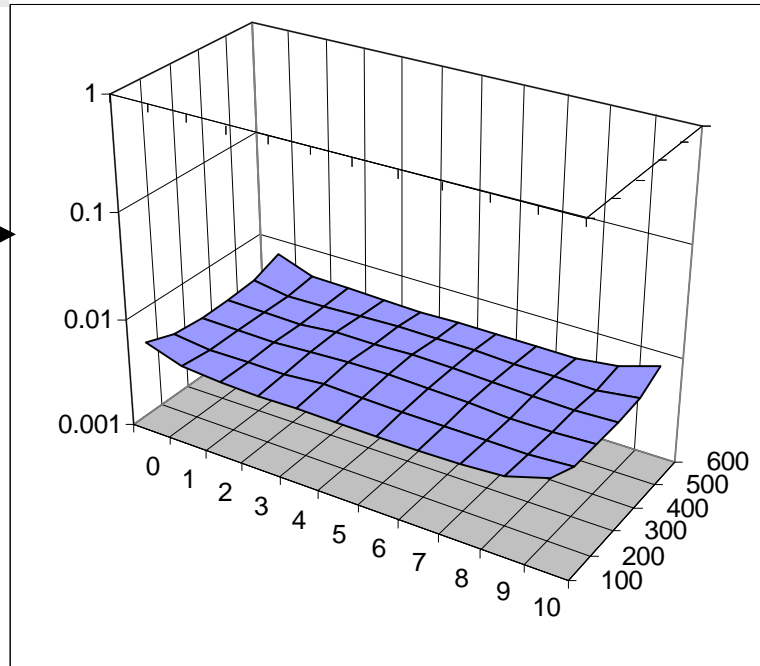
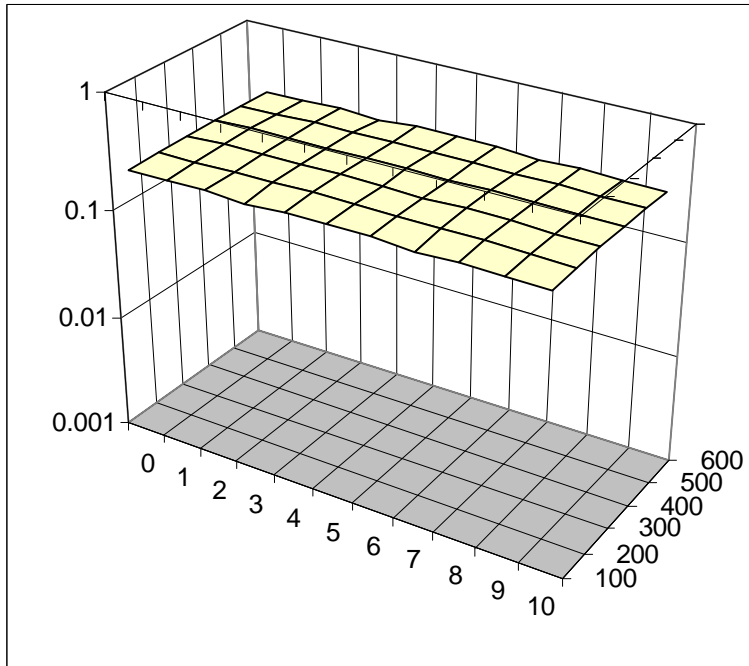
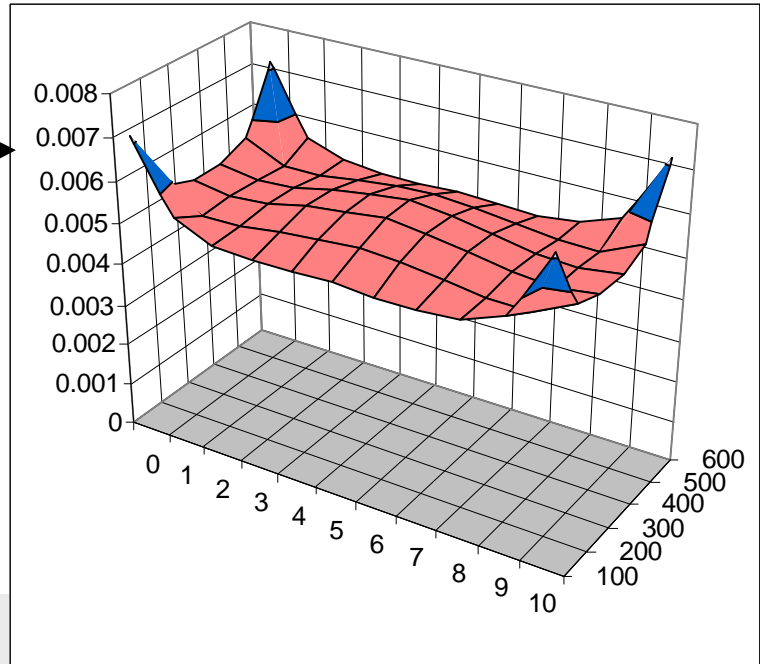
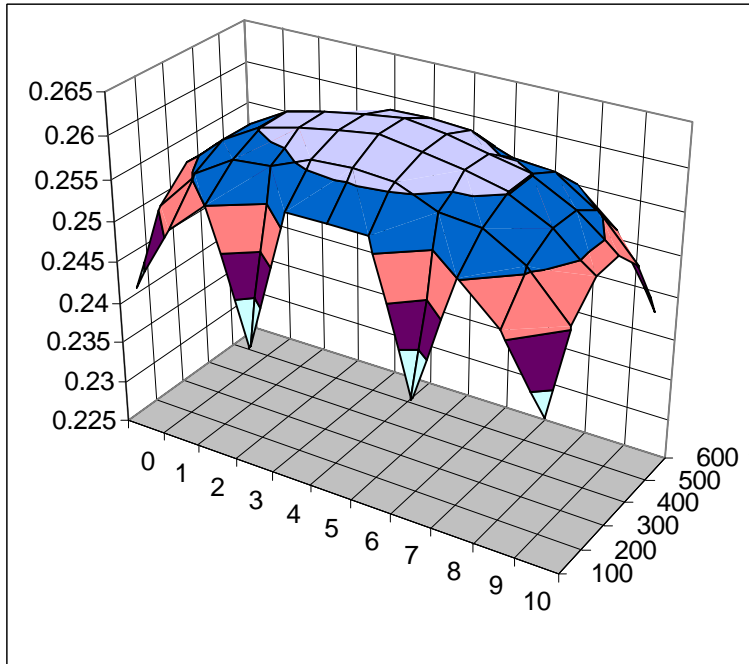


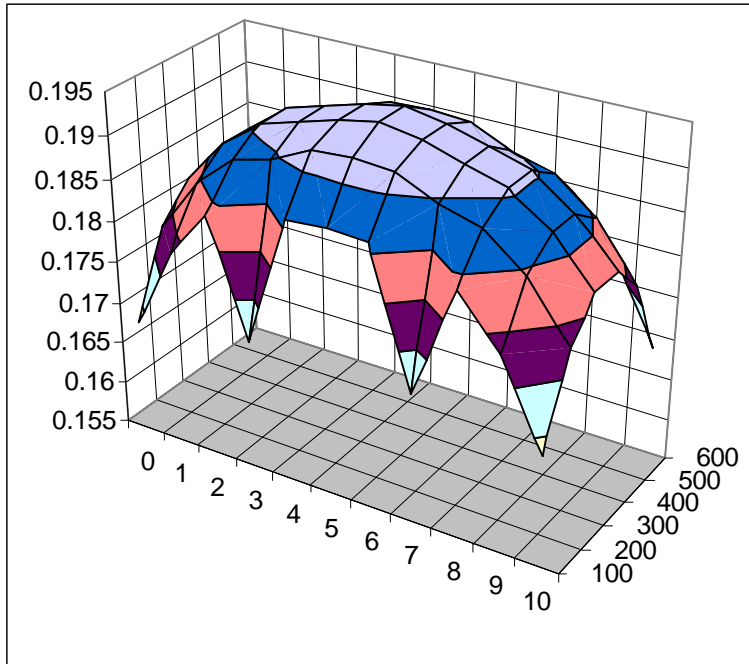
0.3mil
log



2 mil
log







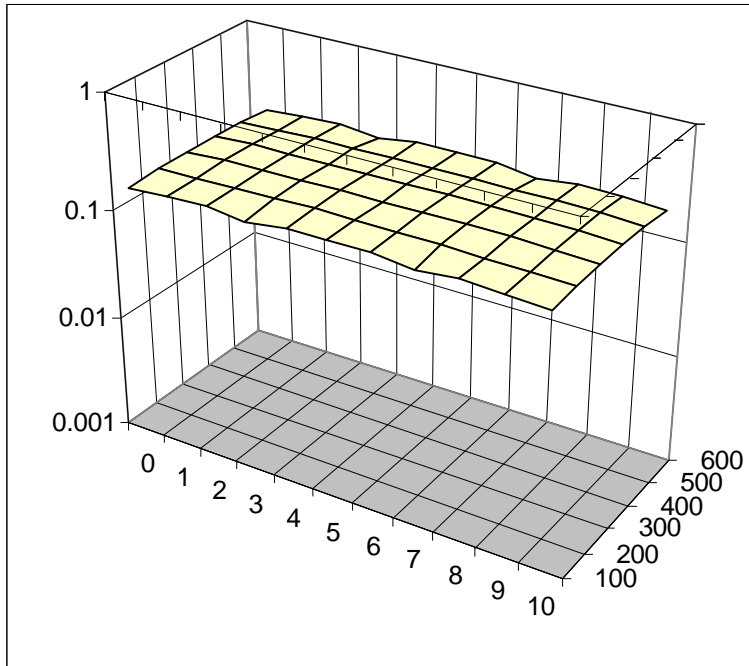
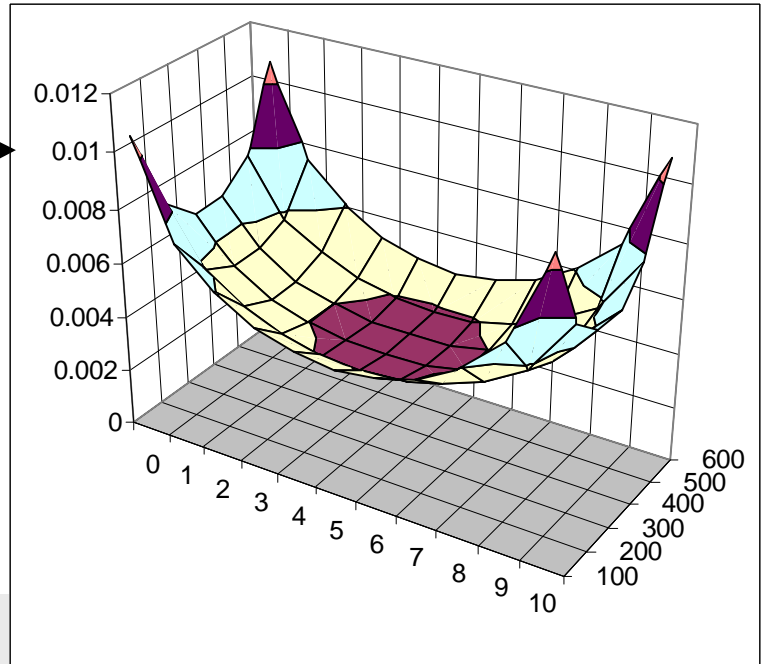
0.3 mil
linear



2 mil
linear



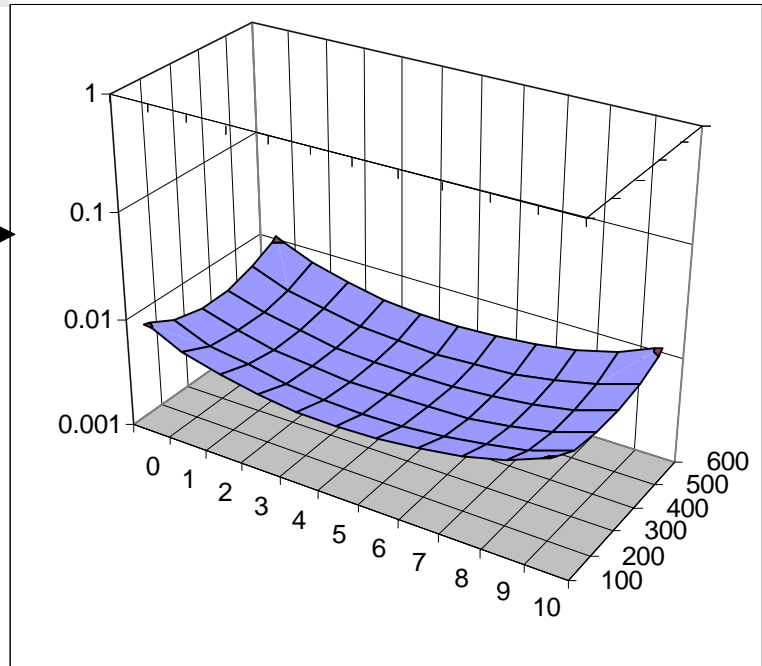
40MHz

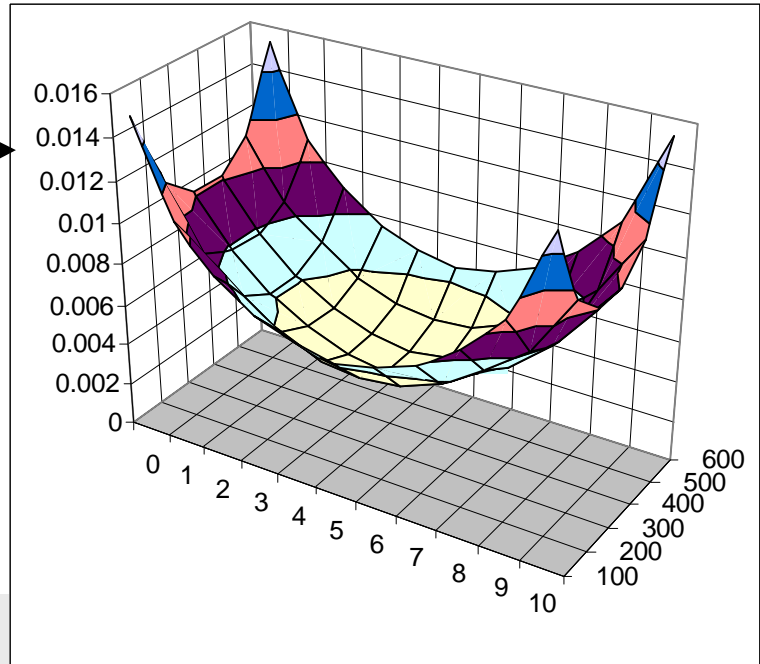
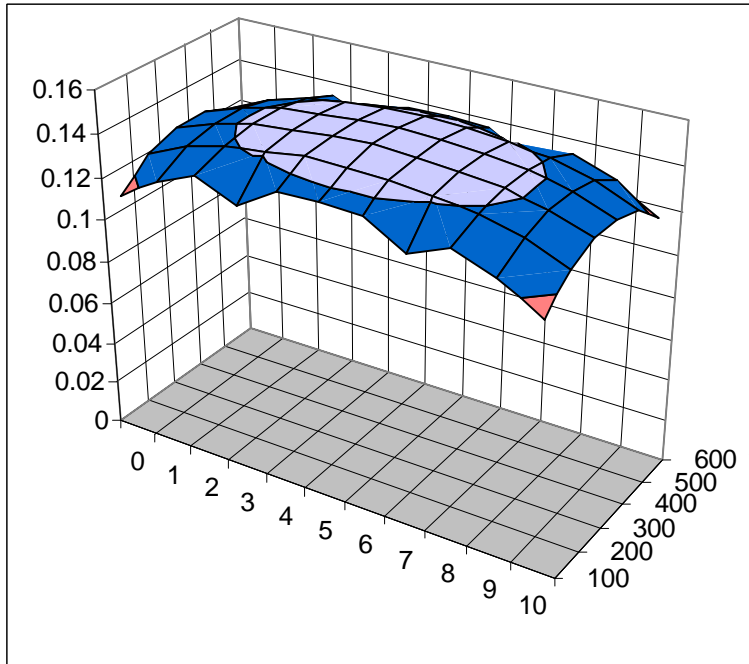


0.3mil
log

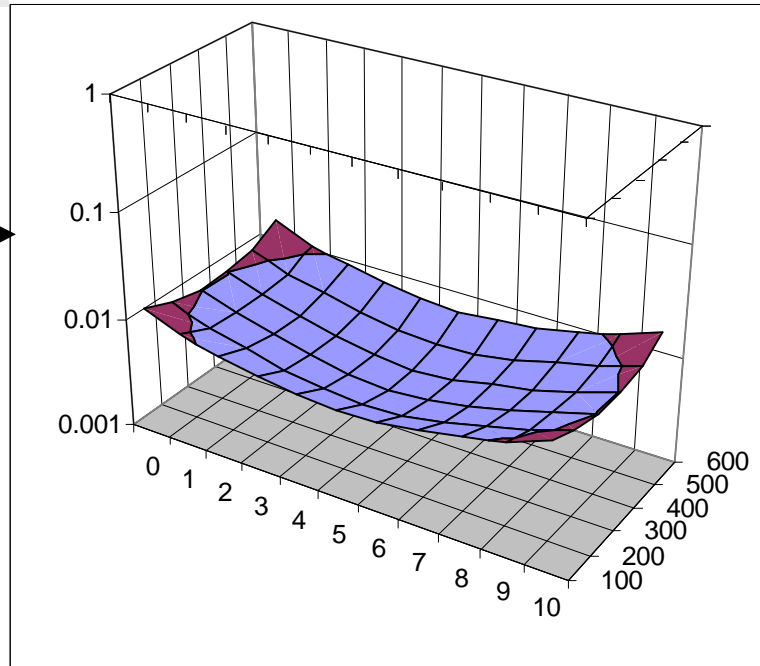
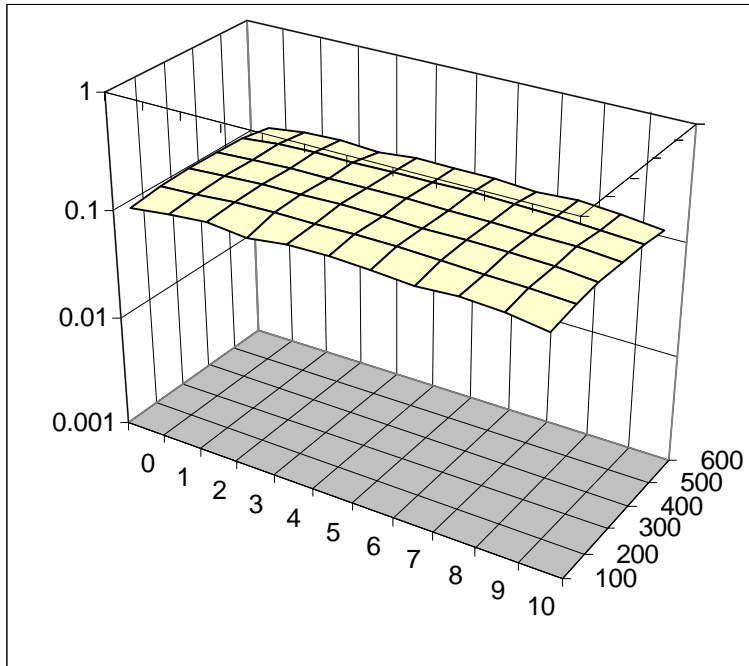


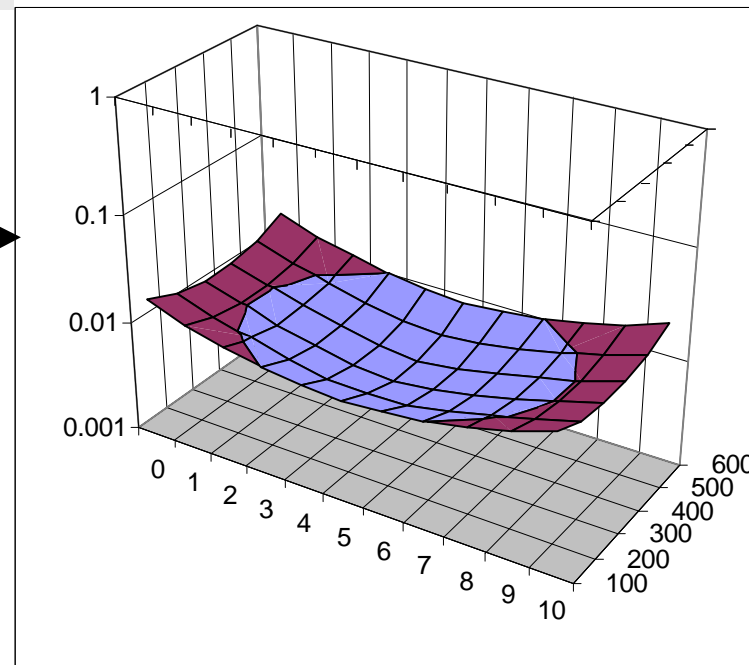
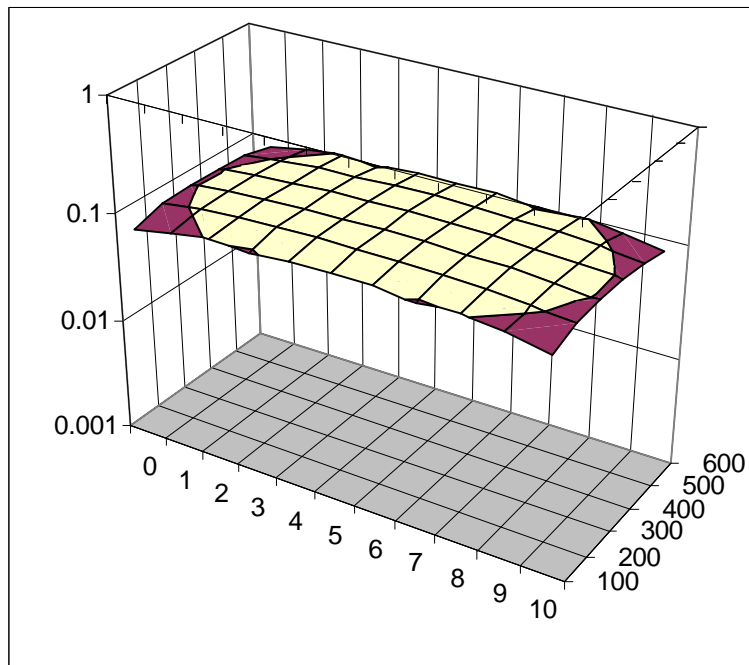
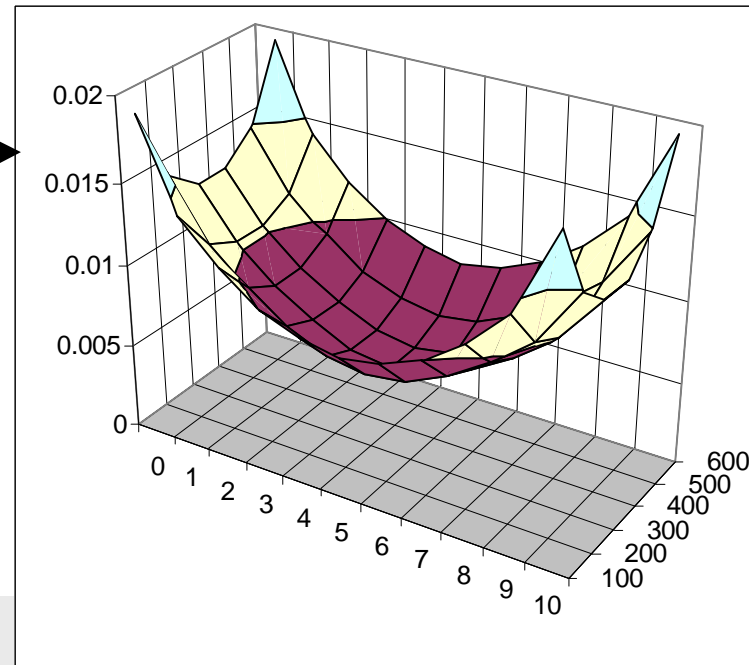
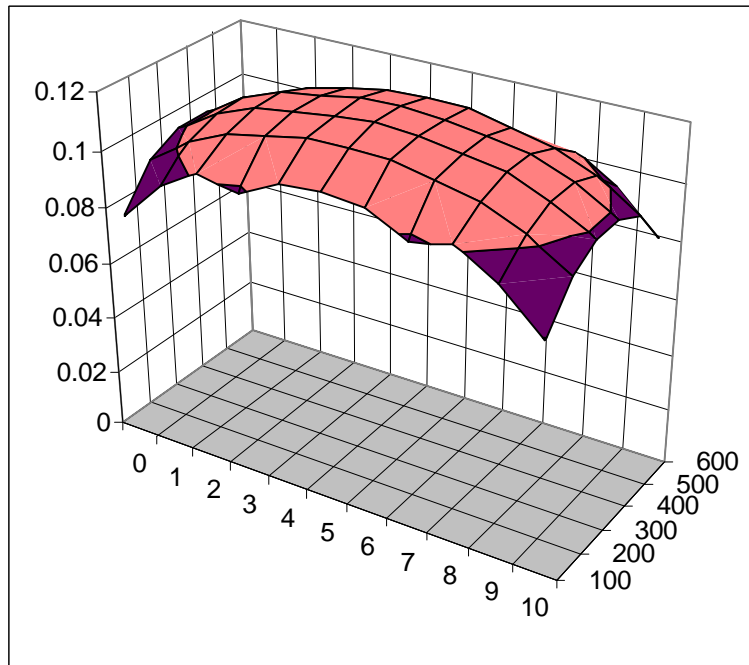
2 mil
log

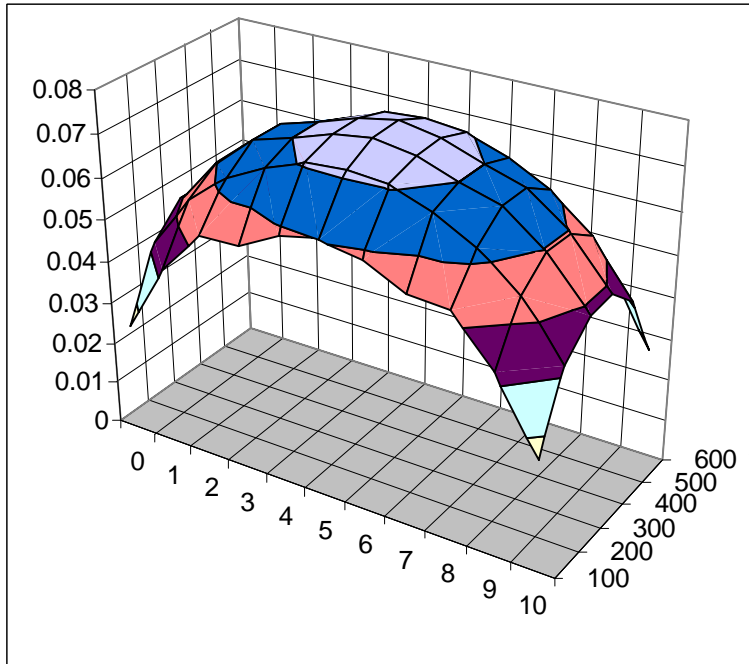




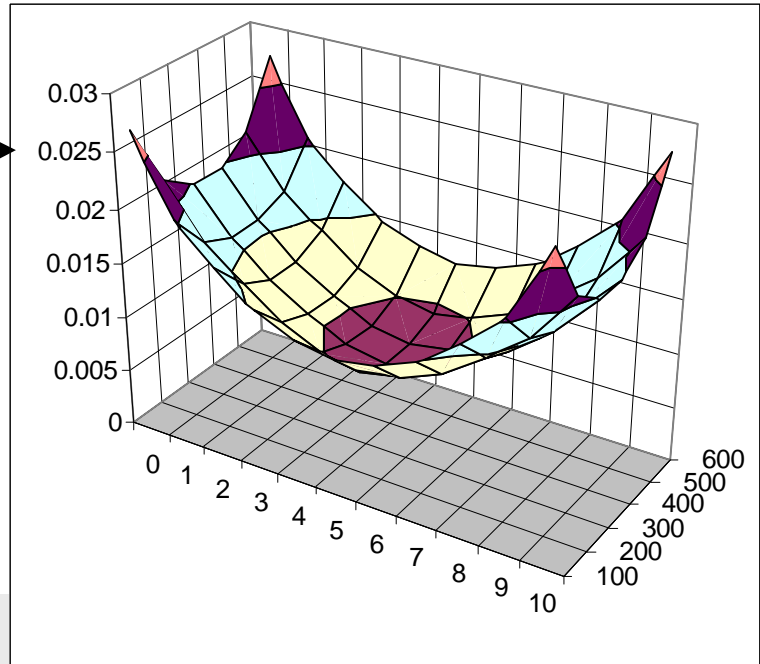
50MHz







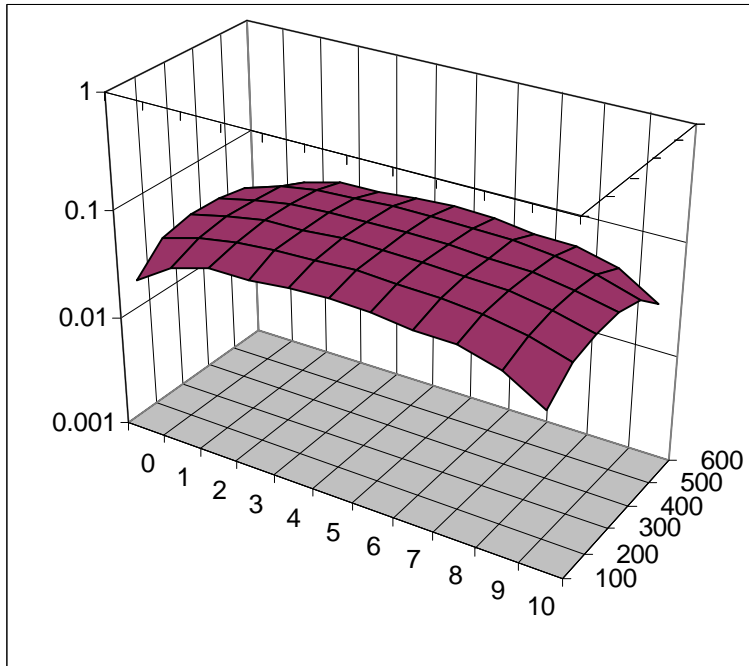
0.3 mil
linear



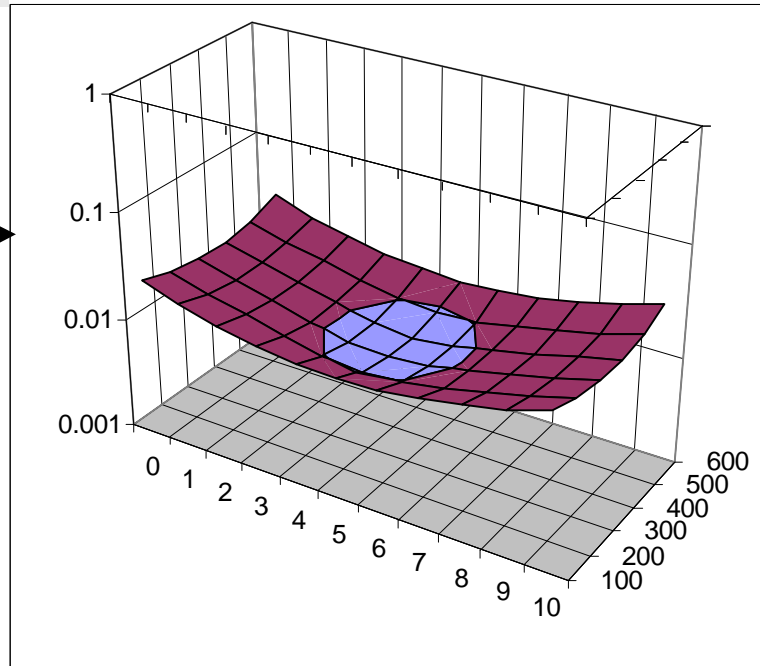
2 mil
linear



80MHz

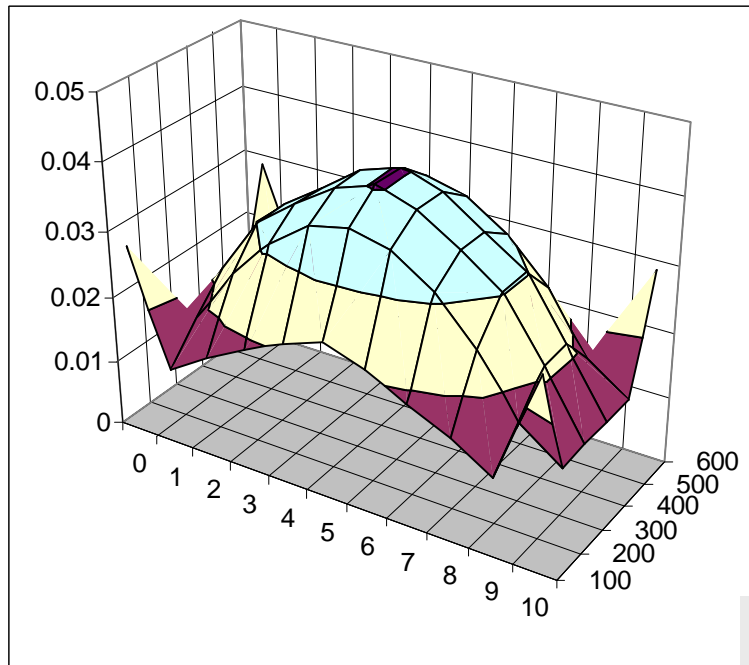


0.3mil
log

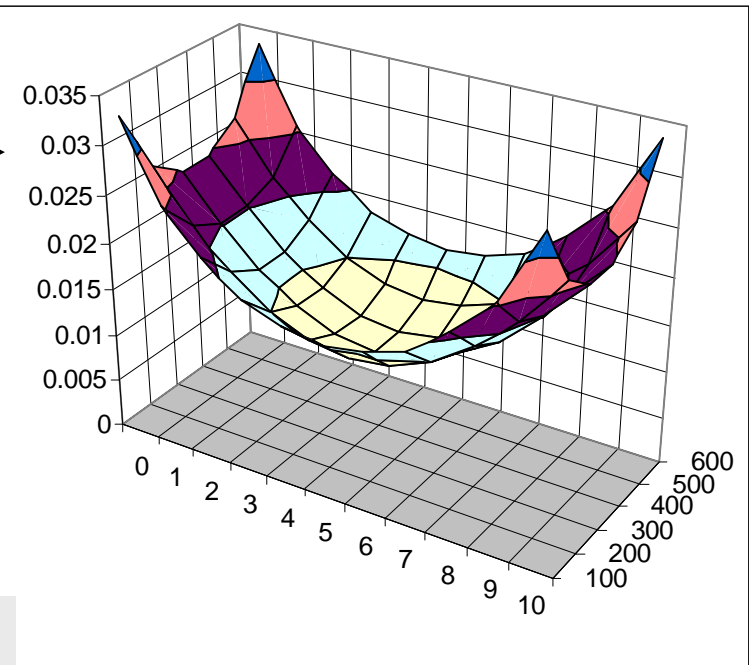


2 mil
log



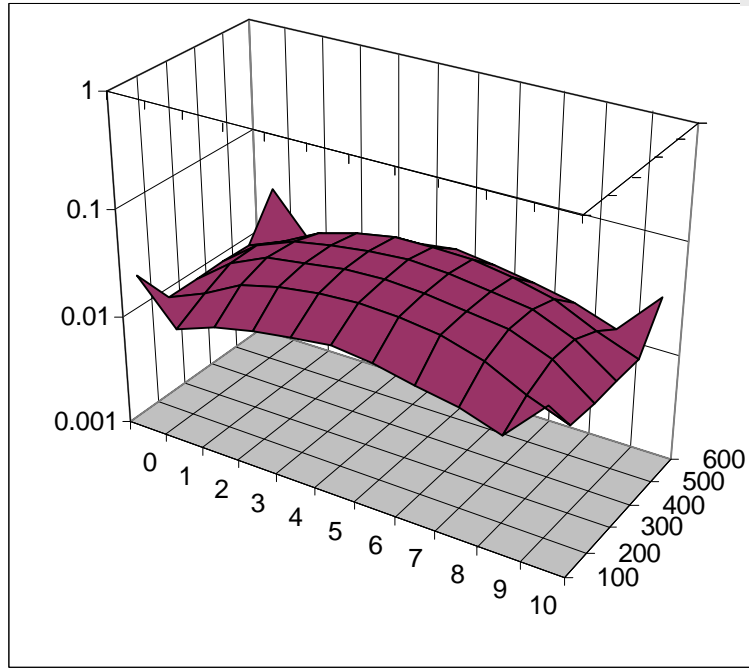


0.3 mil
linear

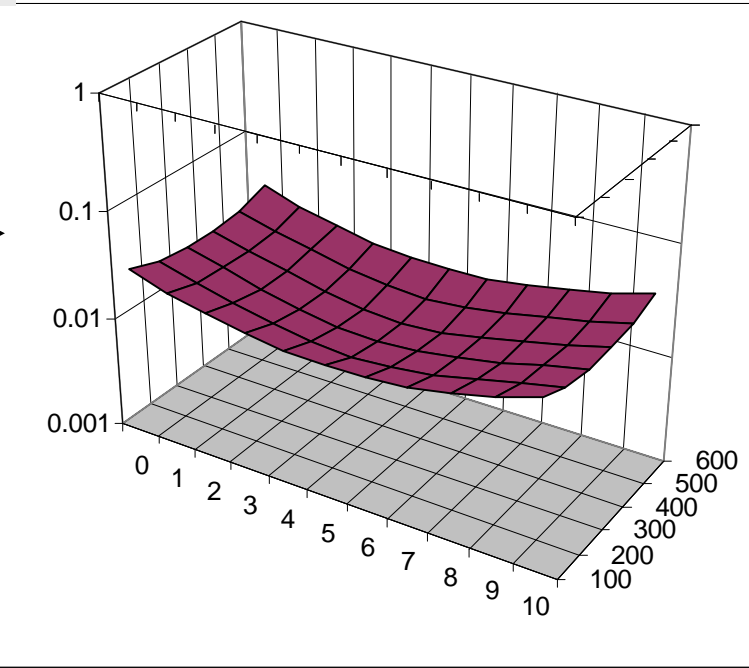


2 mil
linear

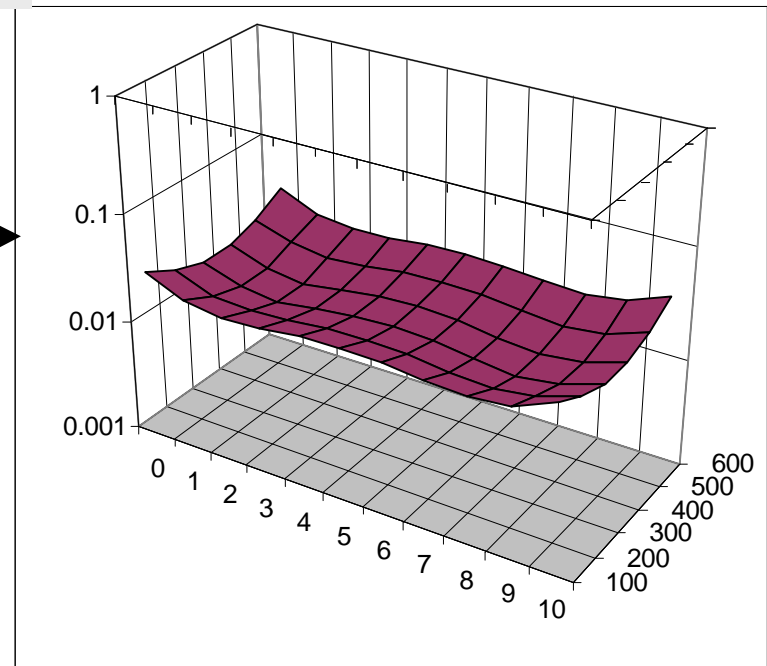
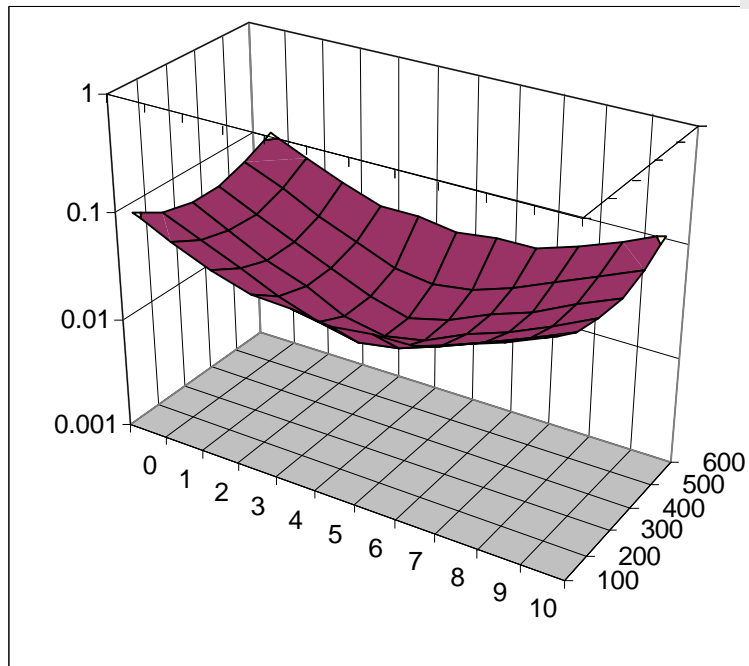
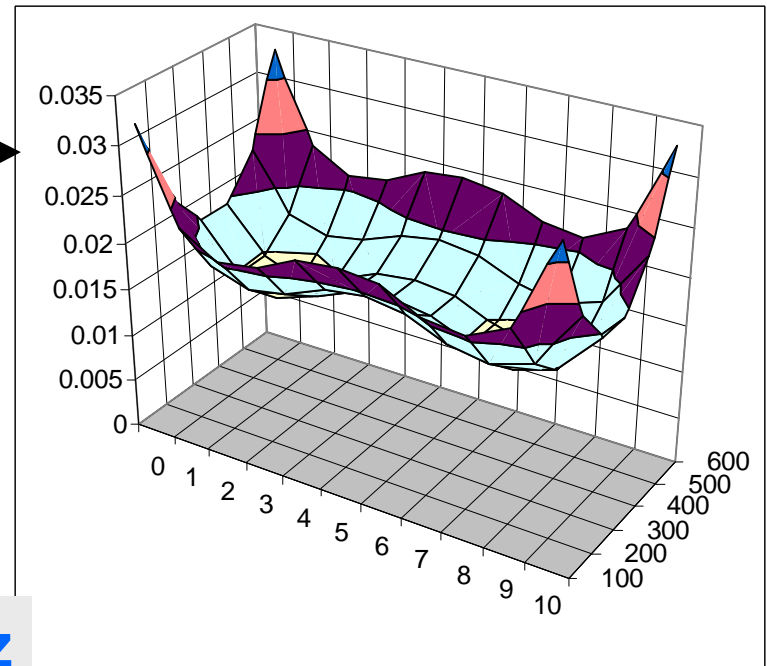
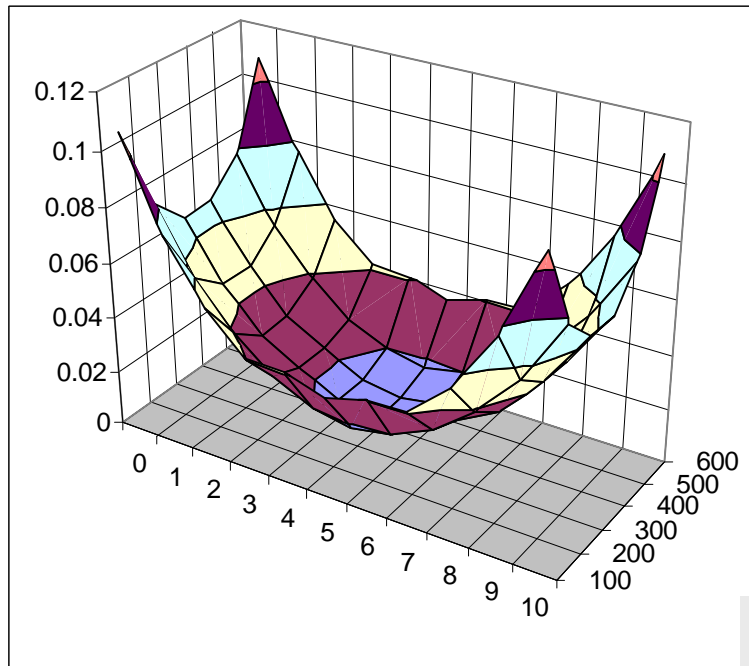
100MHz

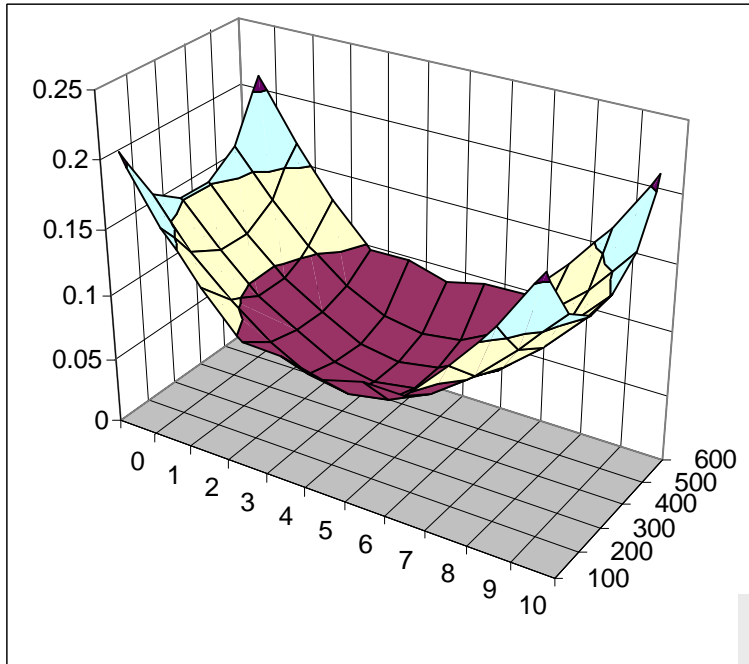


0.3mil
log

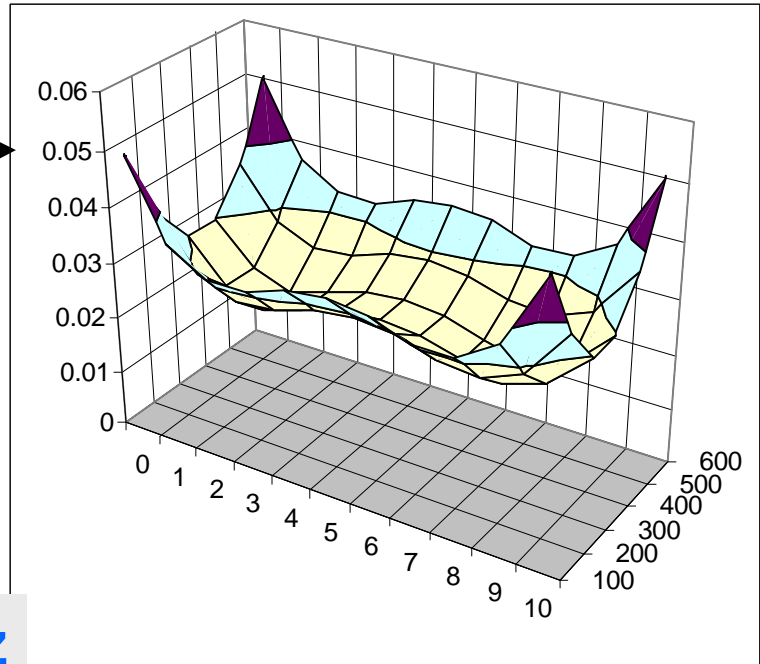


2 mil
log





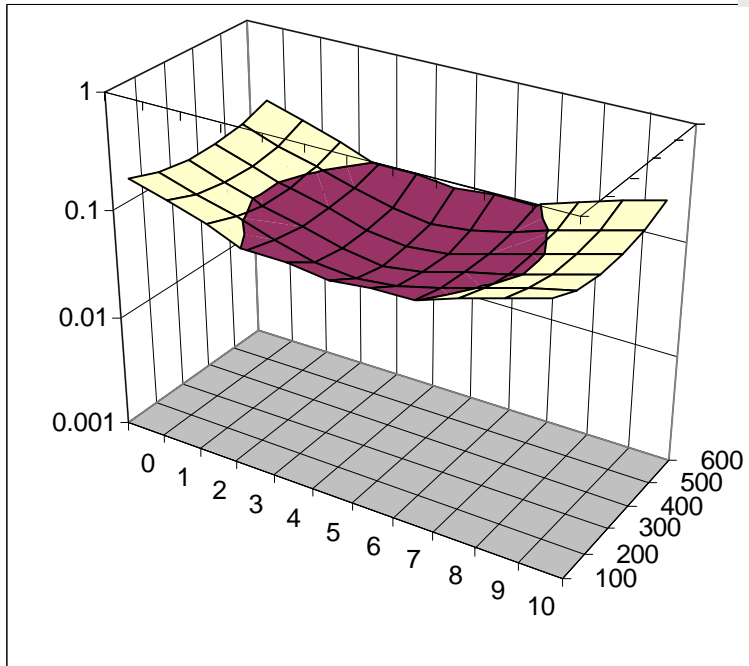
0.3 mil
linear



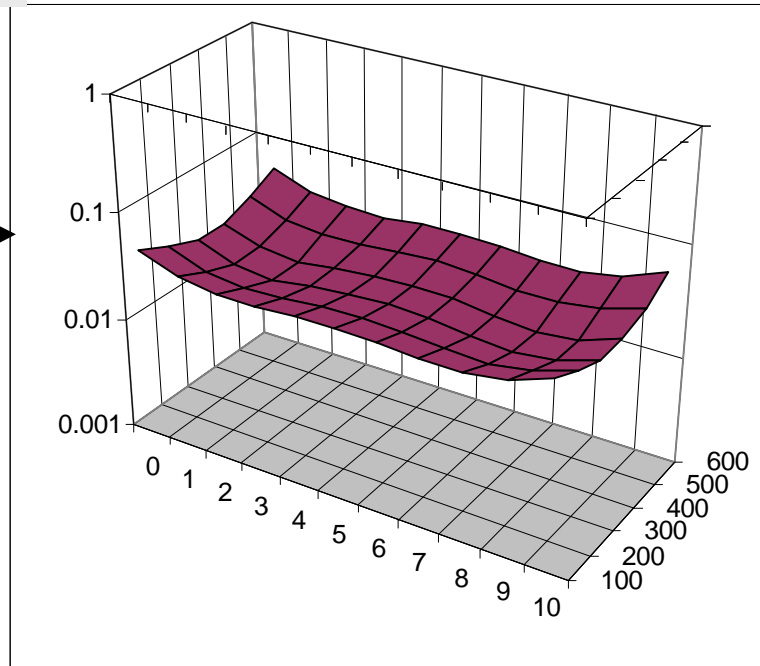
2 mil
linear



200MHz

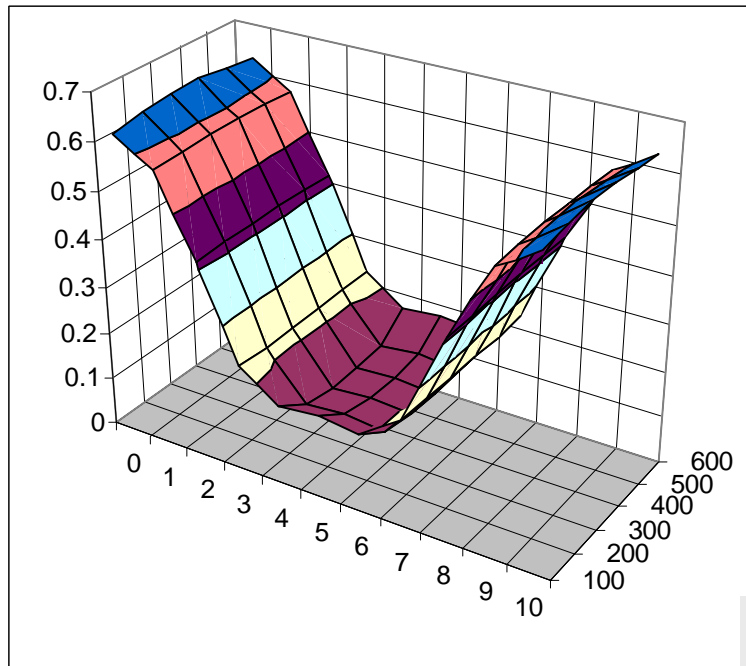


0.3mil
log

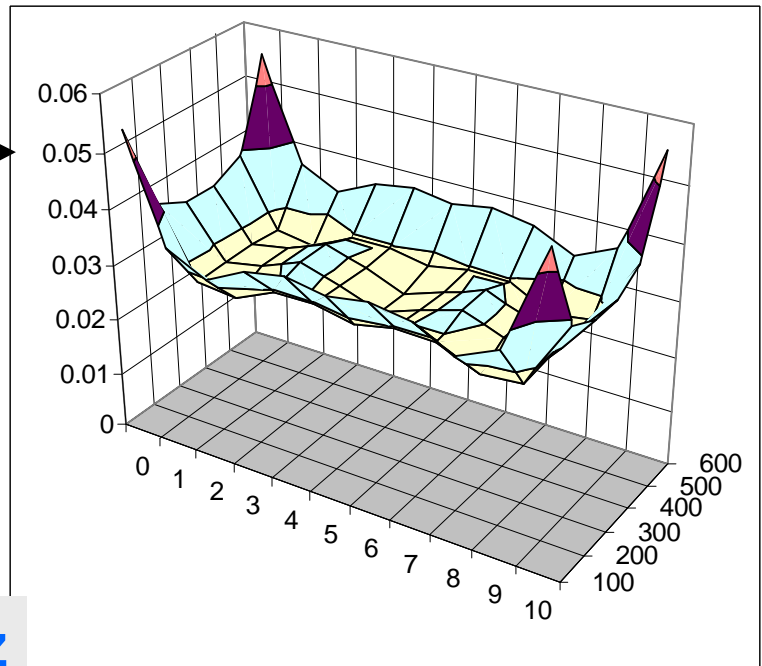


2 mil
log





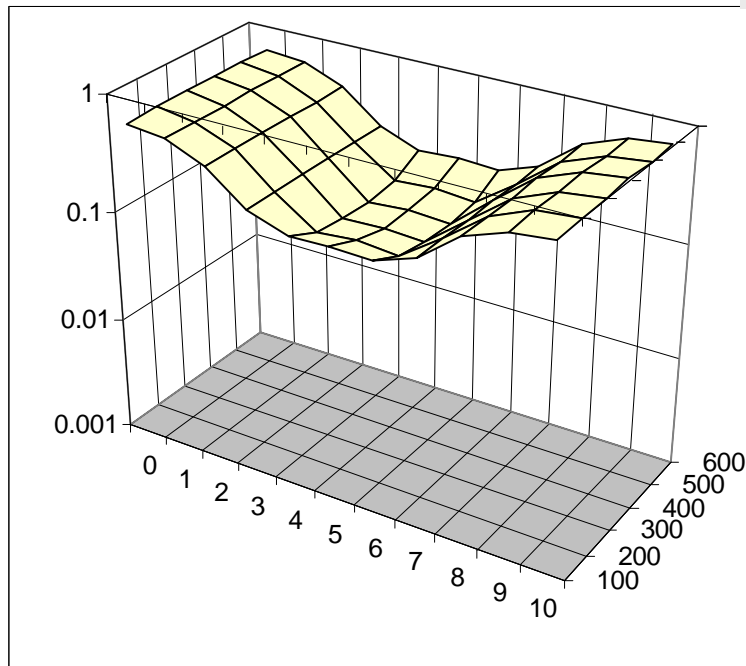
0.3 mil
linear



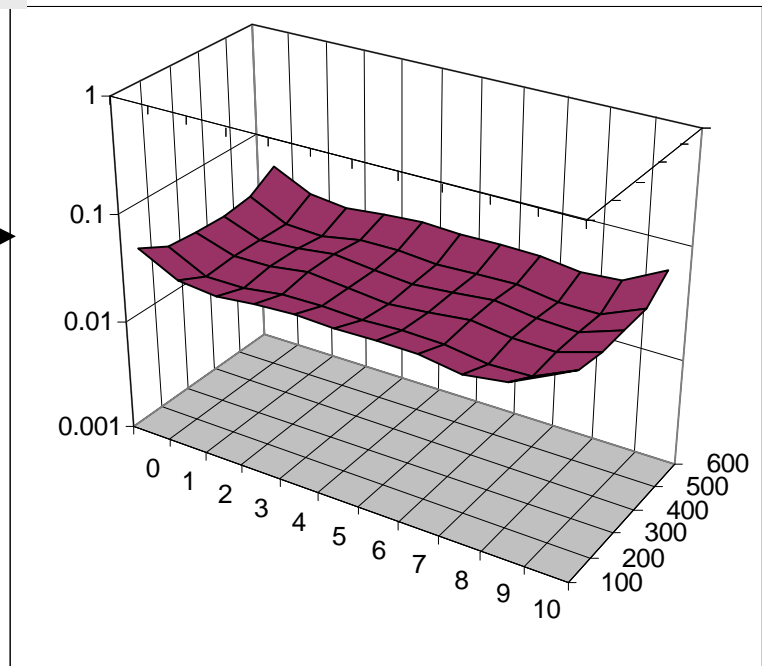
2 mil
linear



300MHz

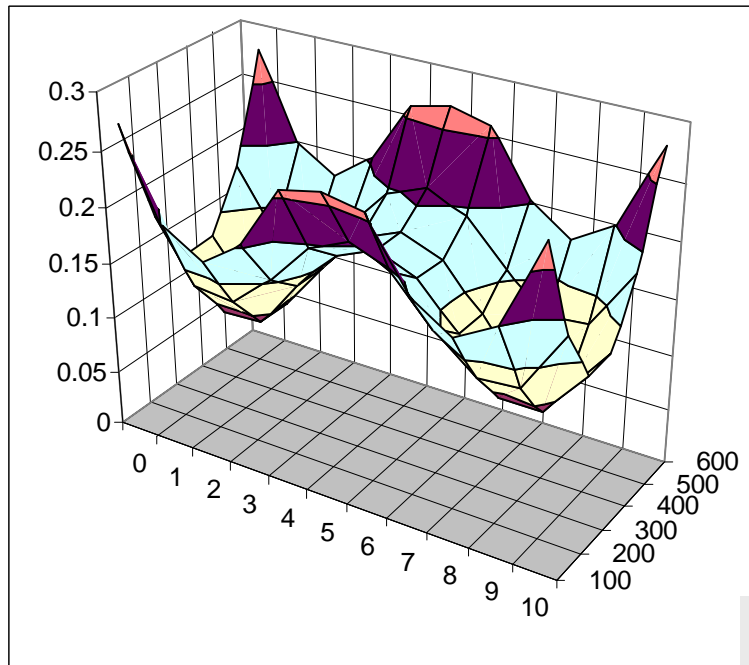


0.3mil
log

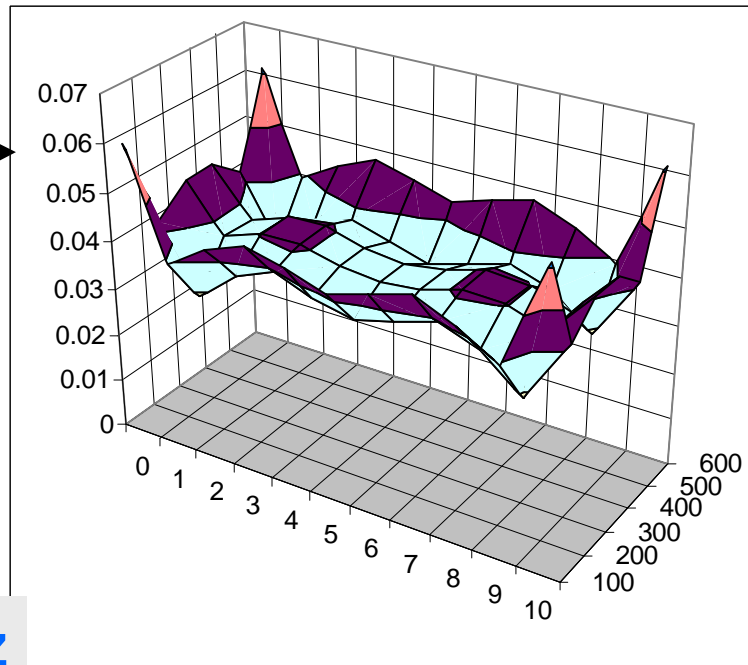


2 mil
log





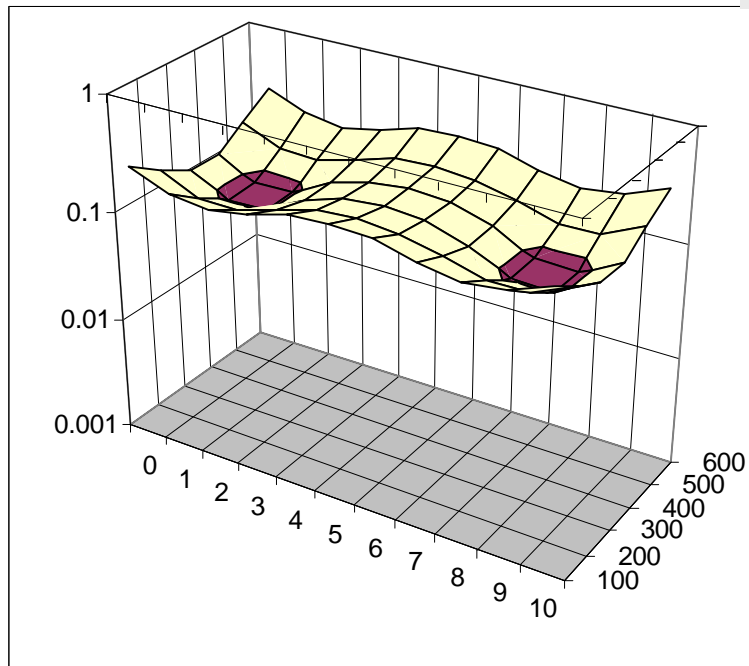
0.3 mil
linear



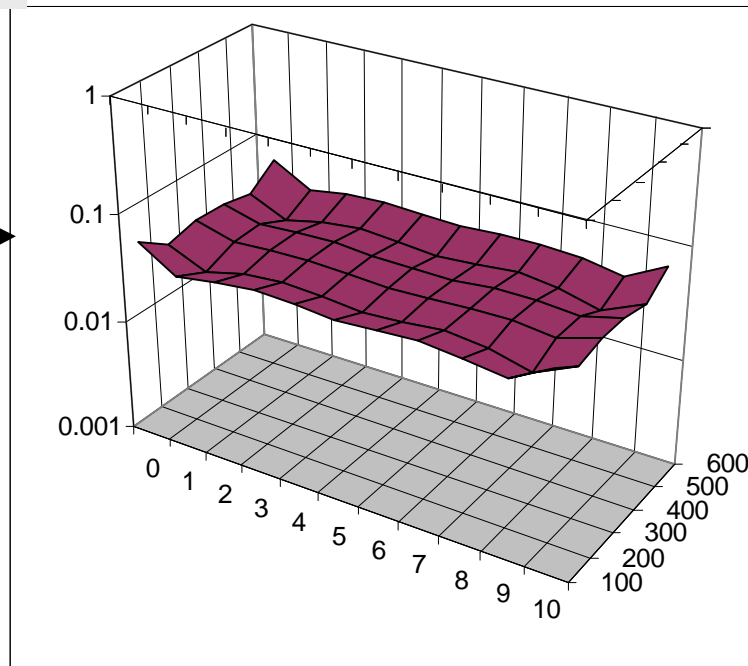
2 mil
linear



400MHz

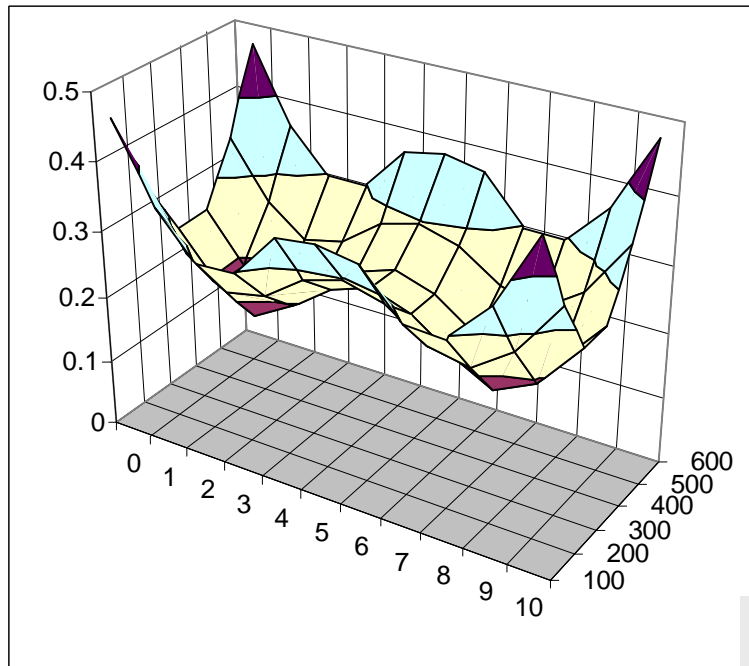


0.3mil
log



2 mil
log

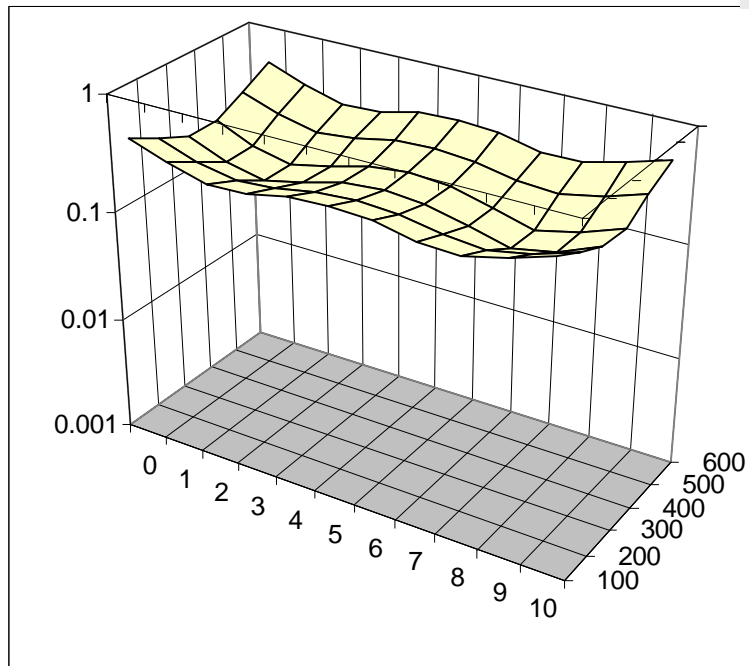
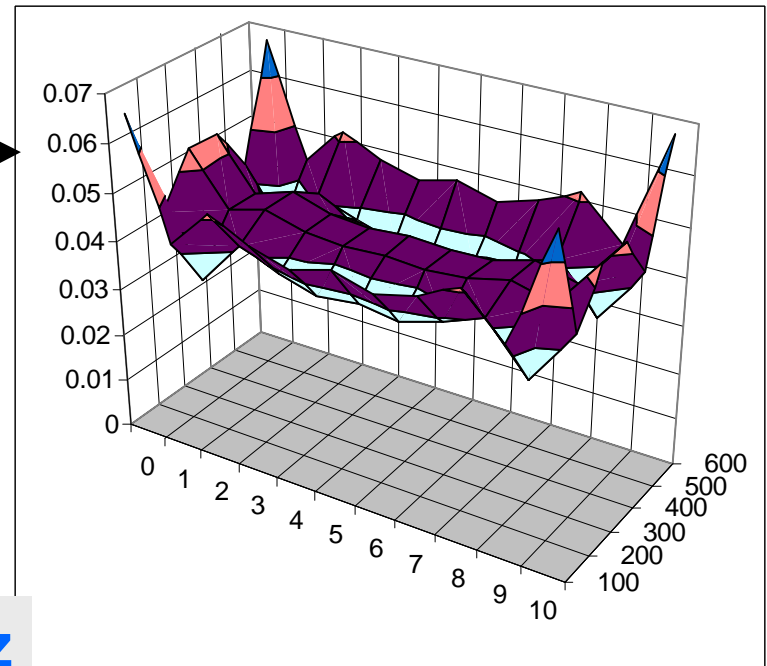




0.3 mil
linear

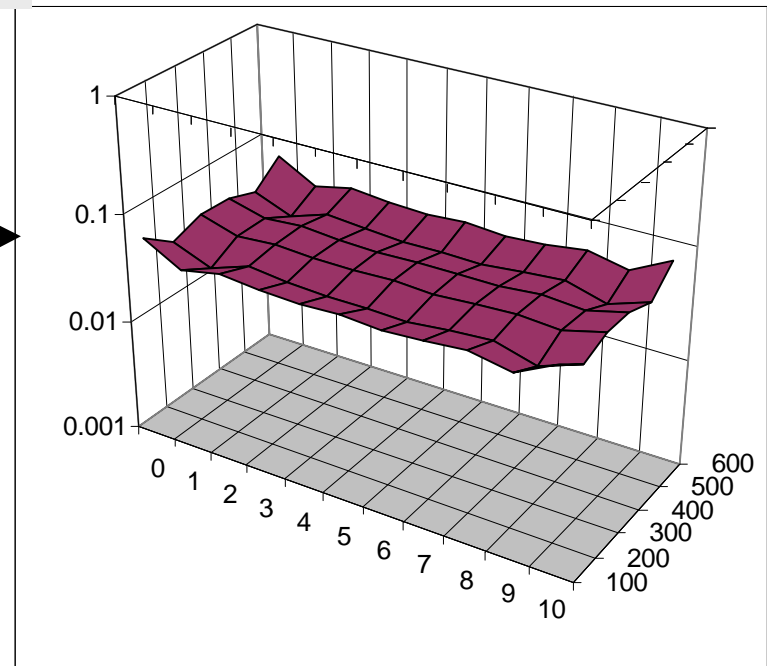
2 mil
linear

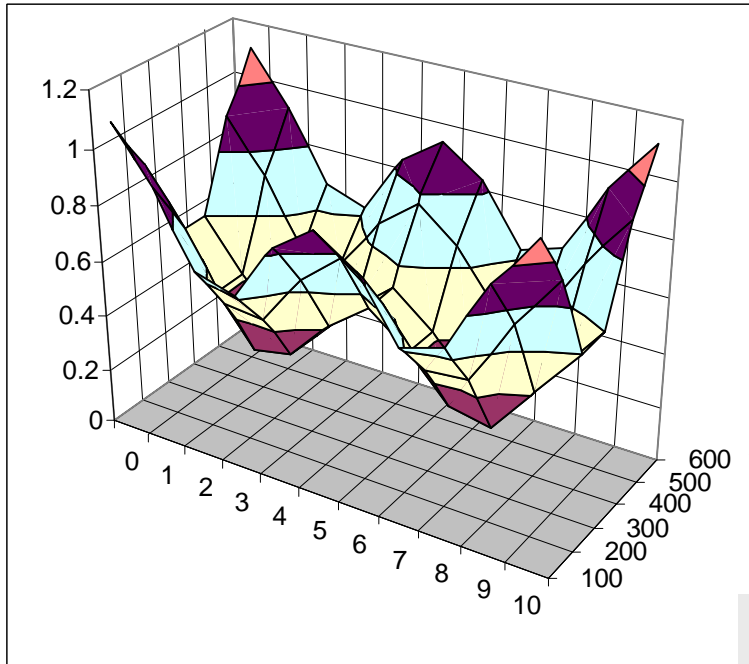
500MHz



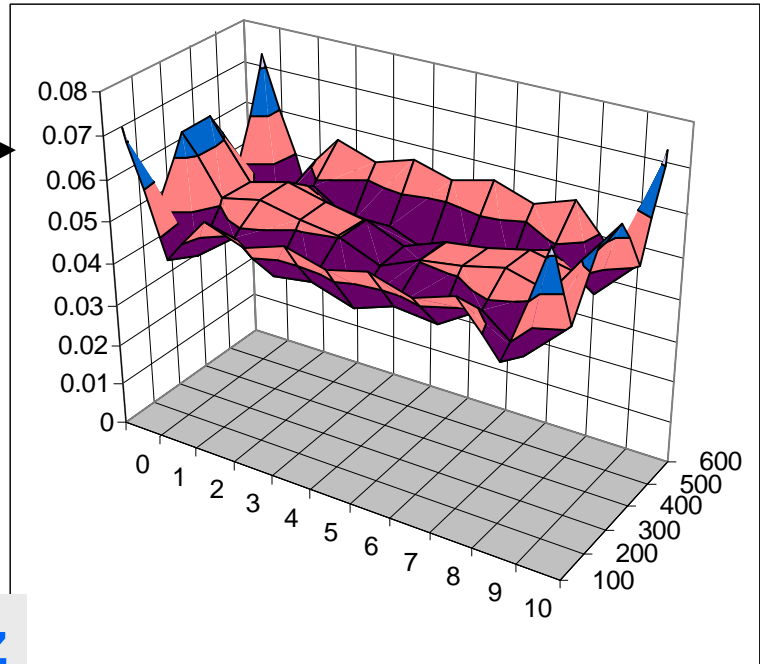
0.3mil
log

2 mil
log





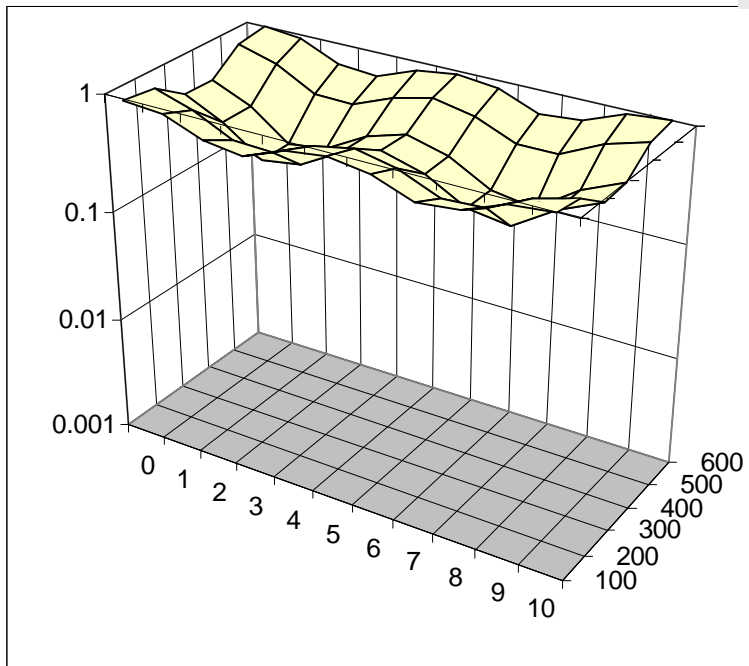
0.3 mil
linear



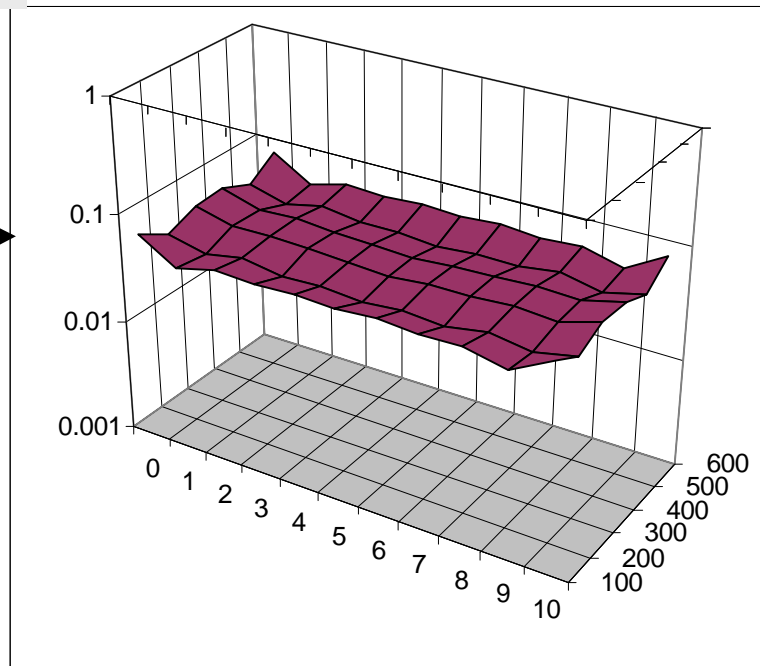
2 mil
linear



600MHz

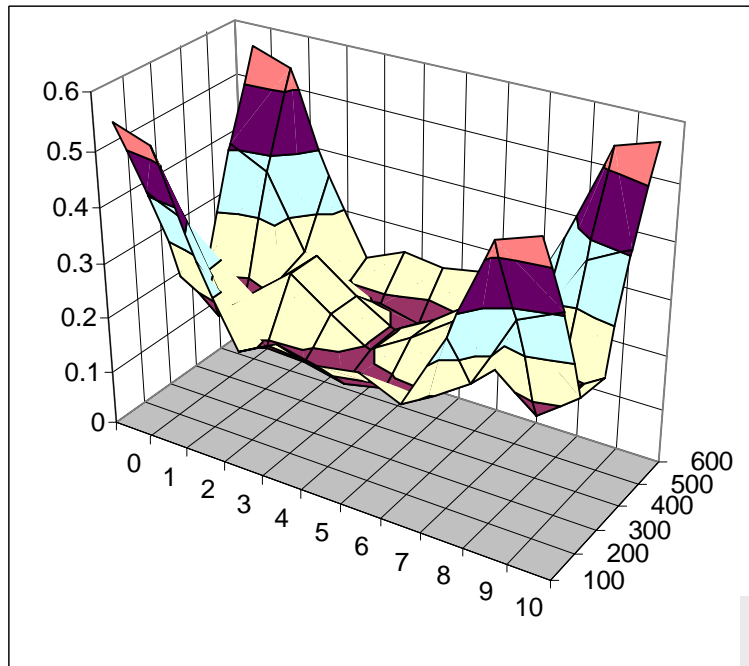


0.3mil
log



2 mil
log





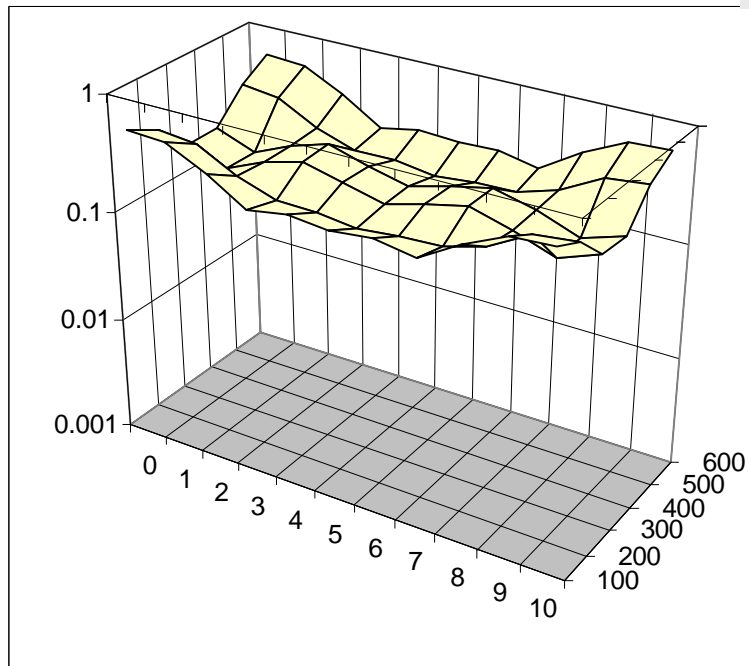
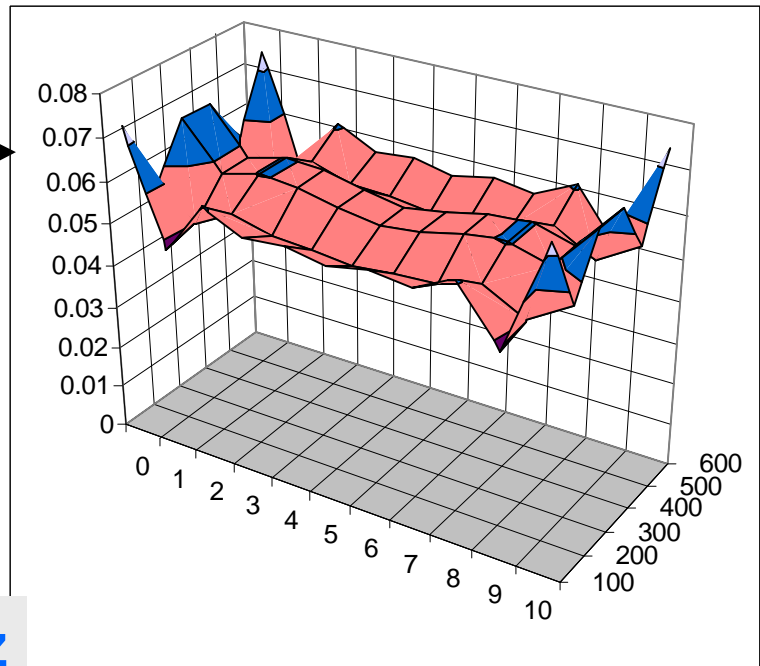
0.3 mil
linear



2 mil
linear



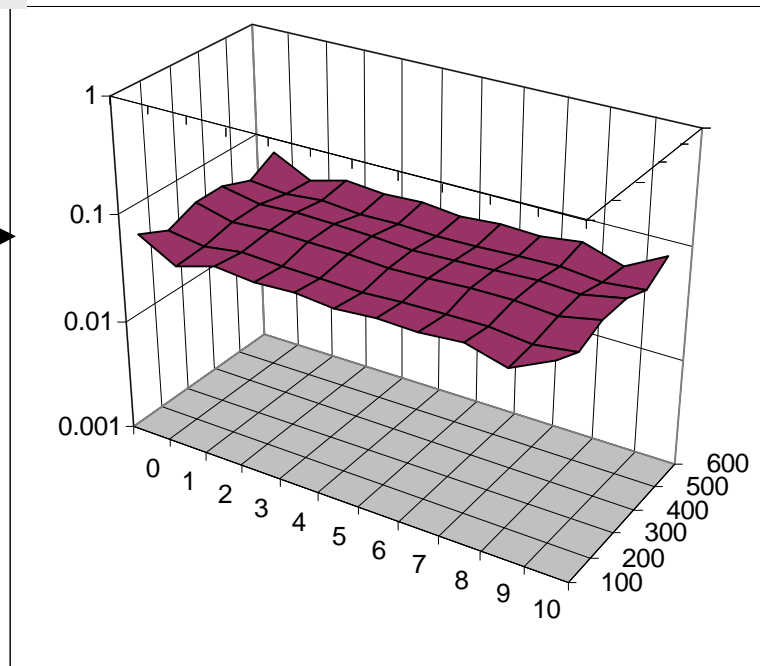
700MHz

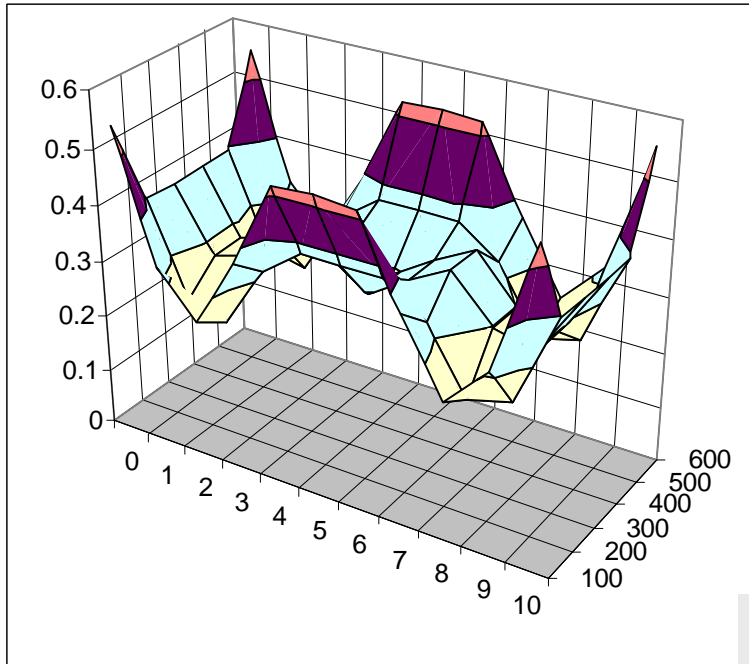


0.3mil
log

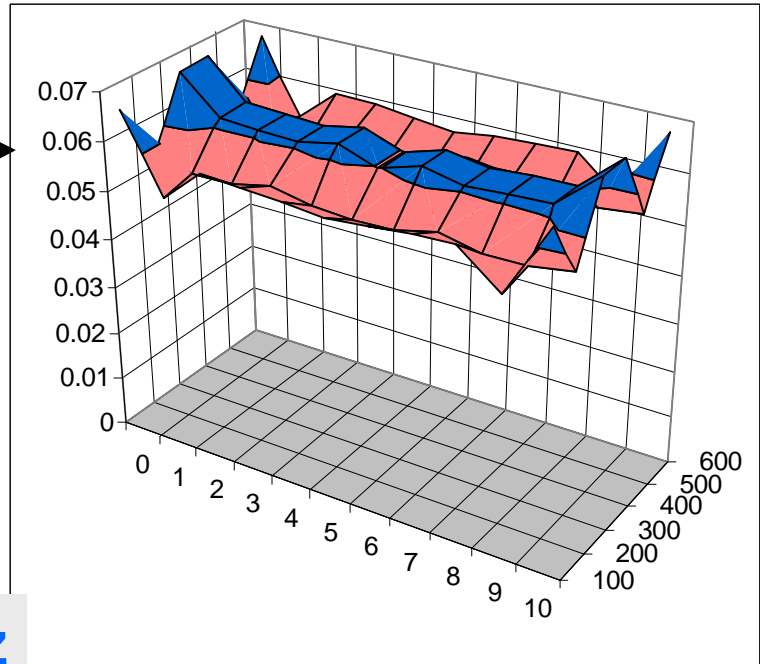


2 mil
log





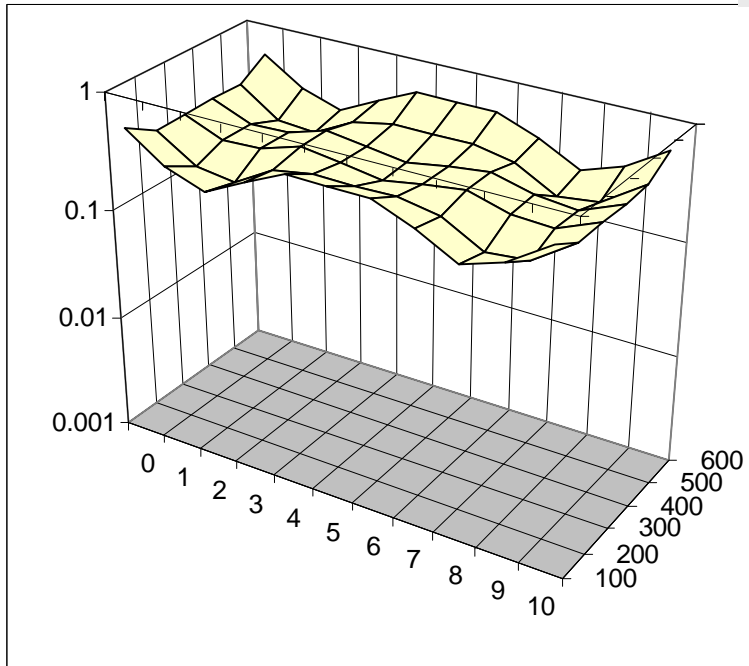
0.3 mil
linear



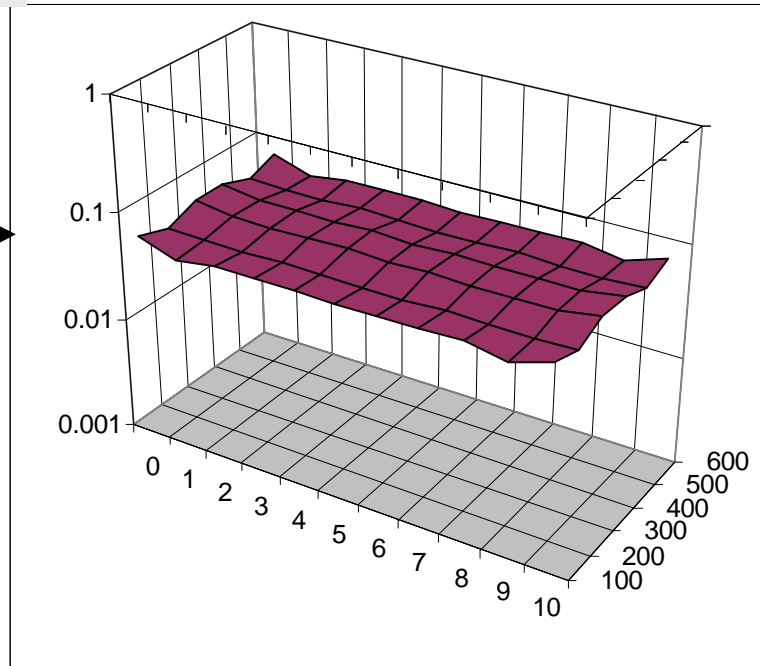
2 mil
linear



800MHz

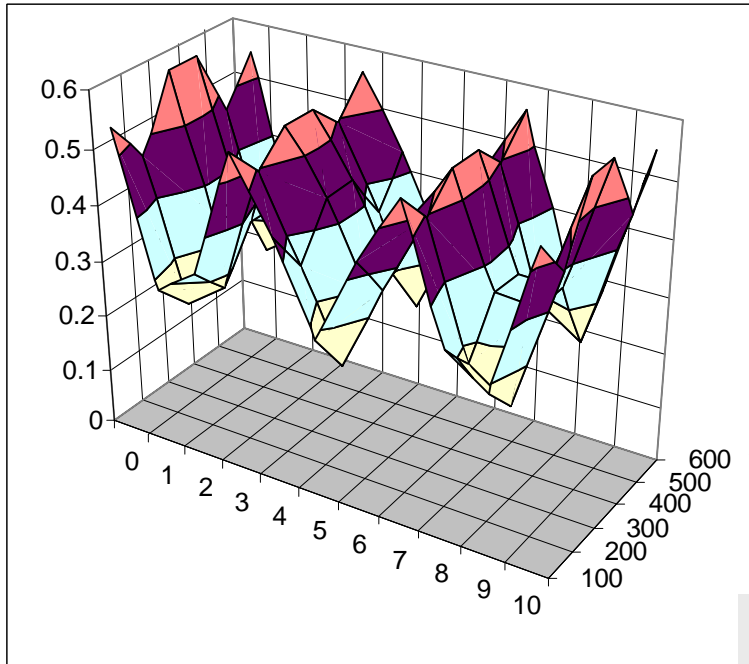


0.3mil
log

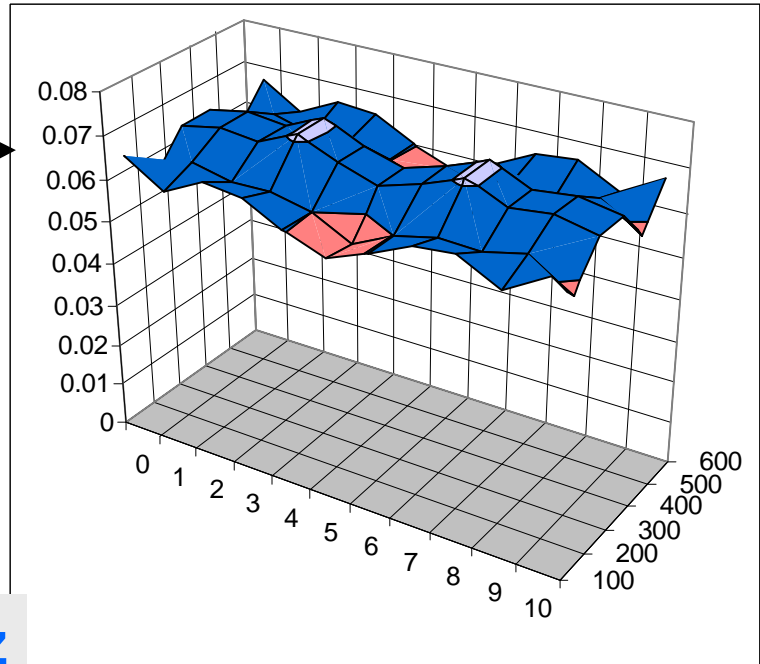


2 mil
log





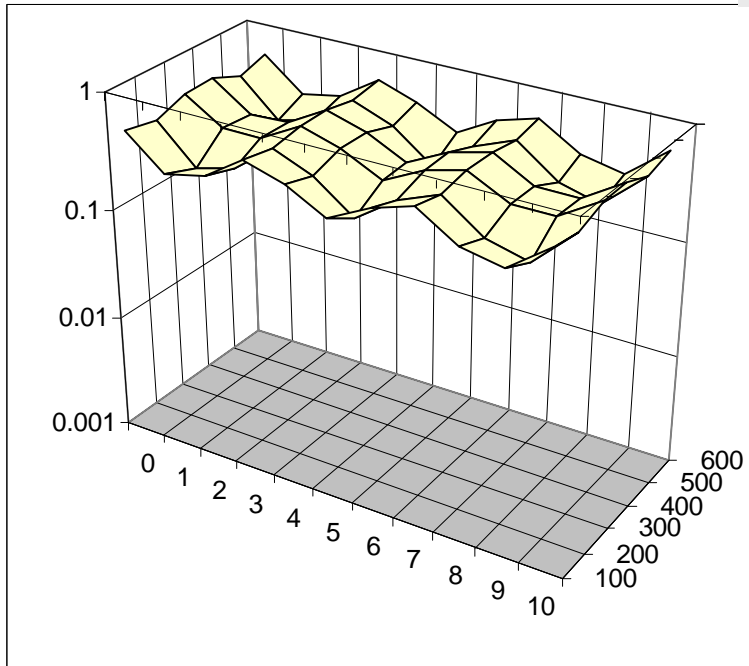
0.3 mil
linear



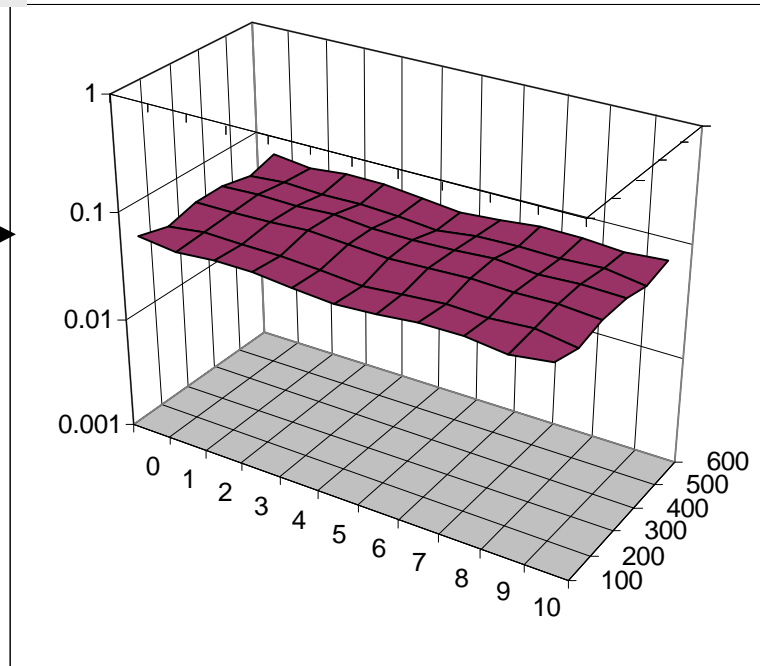
2 mil
linear



900MHz

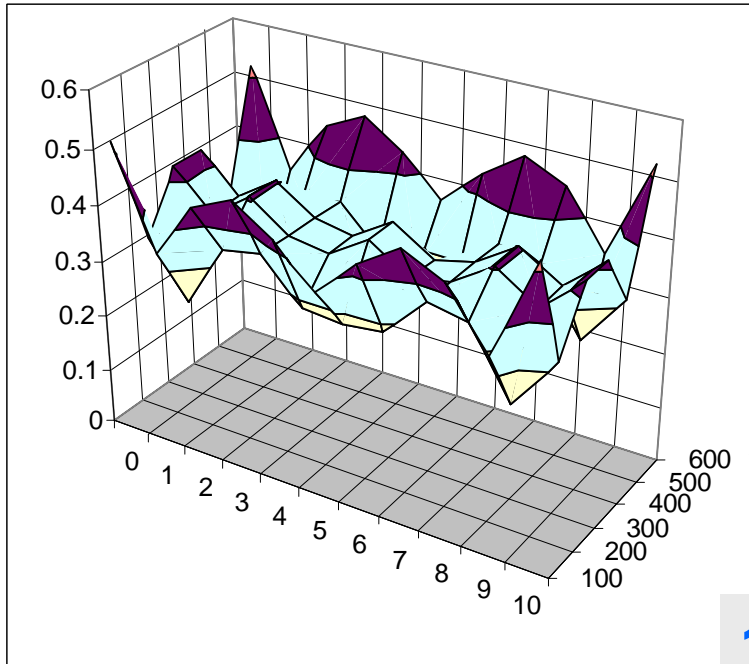


0.3mil
log

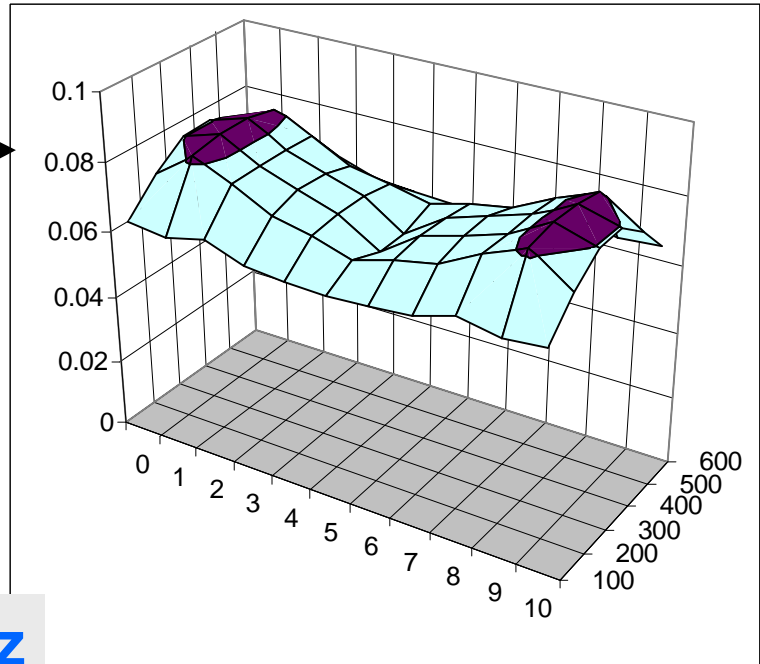


2 mil
log





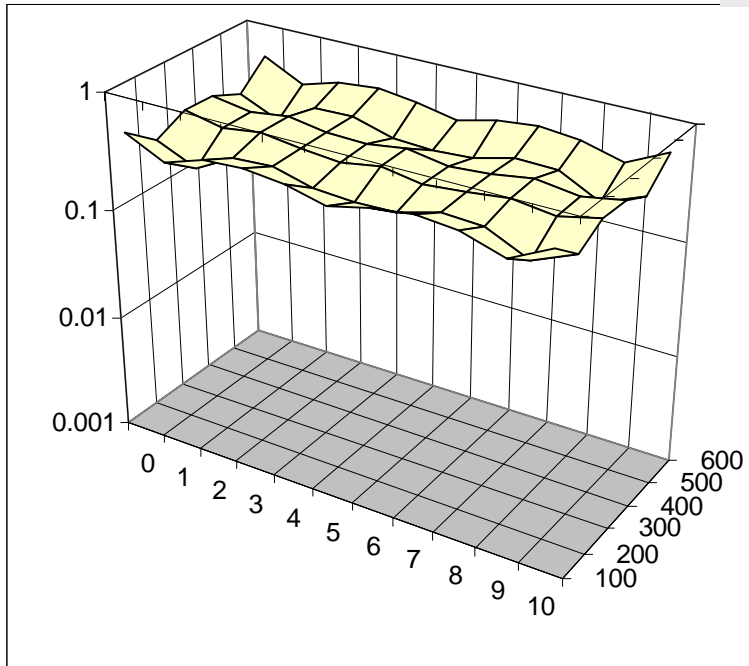
0.3 mil
linear



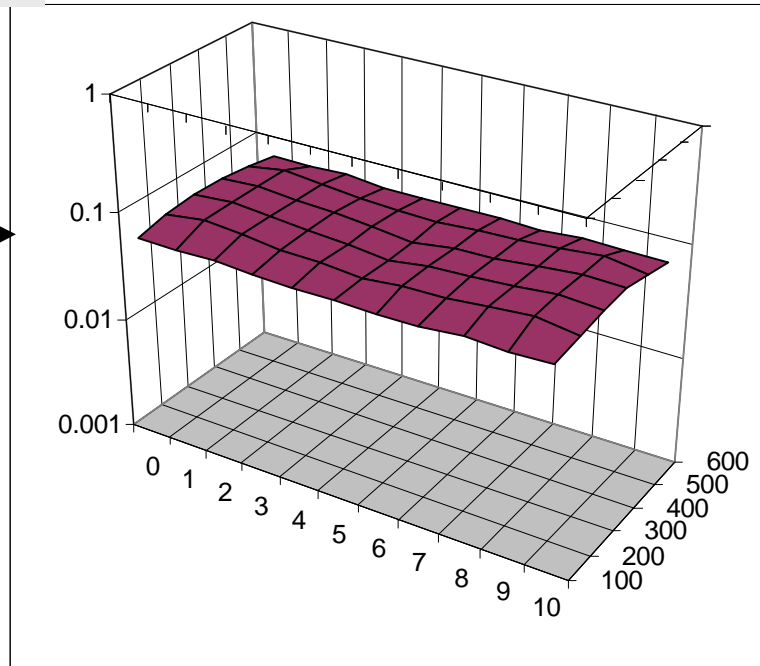
2 mil
linear



1000MHz



0.3mil
log



2 mil
log

