

**\*=====Easy\_Way\_to\_Test\_All\_Window=====**

Here is how to automatically run through all the FFT window functions? The following shows how arguments for things like the names of window functions can be passed in control loops.

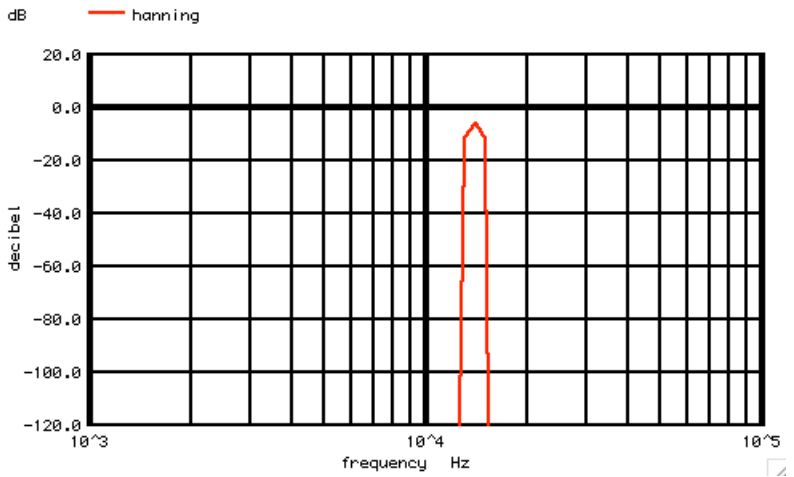
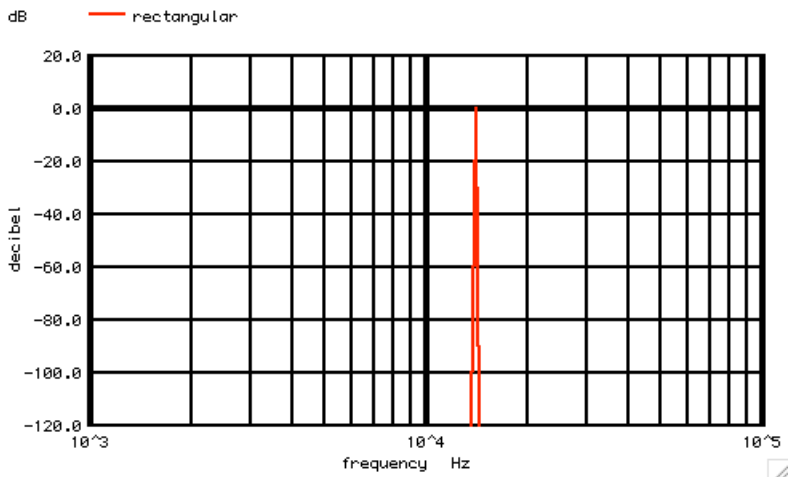
```

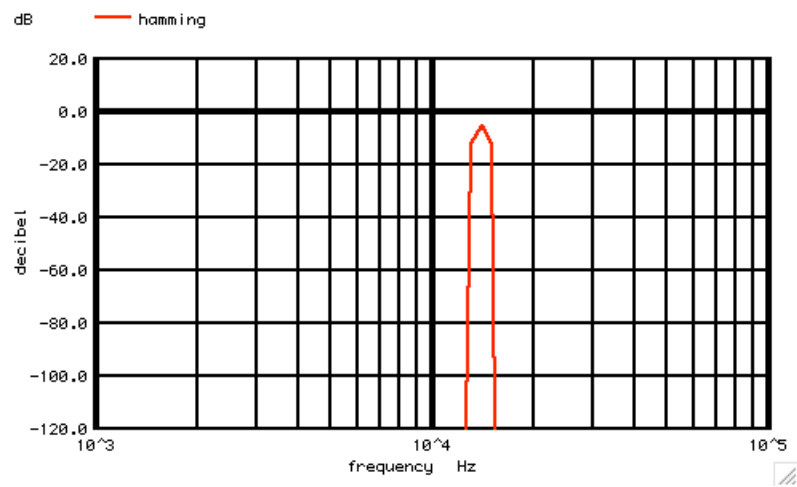
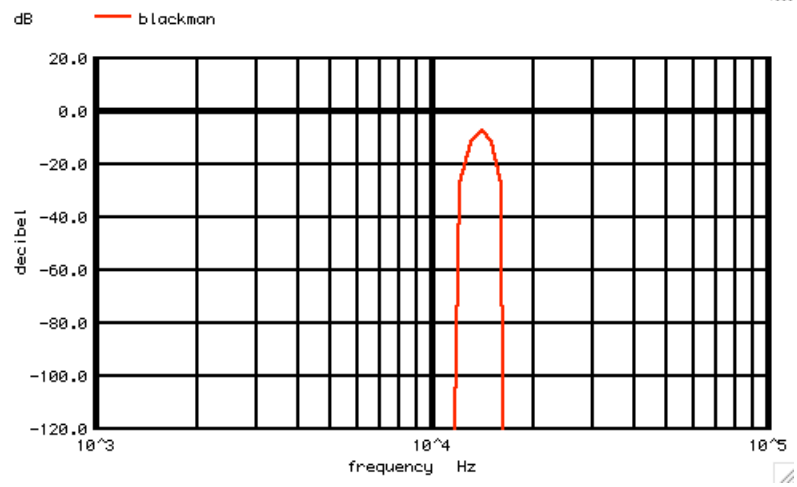
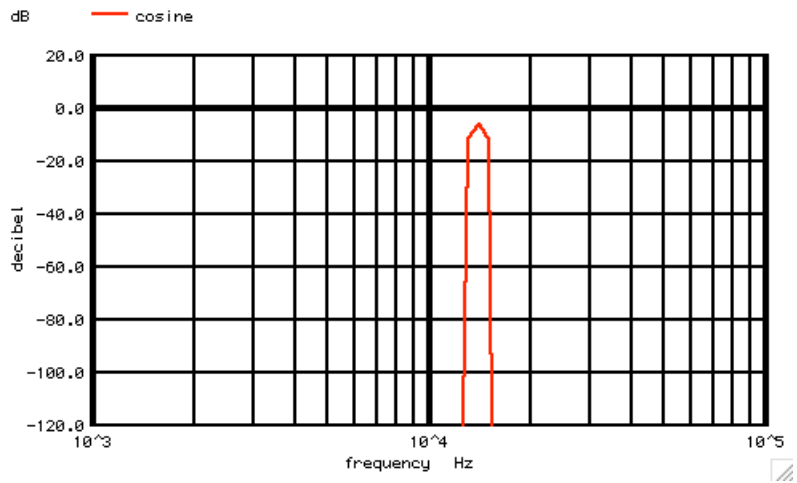
=====
*V_SIN#  NODE_P  NODE_N  DC    VALUE  SIN(  V_DC  AC_MAG  FREQ  DELAY  FDamp)
Vsig    OUT    0      DC    0      SIN(  0    1    14k   )

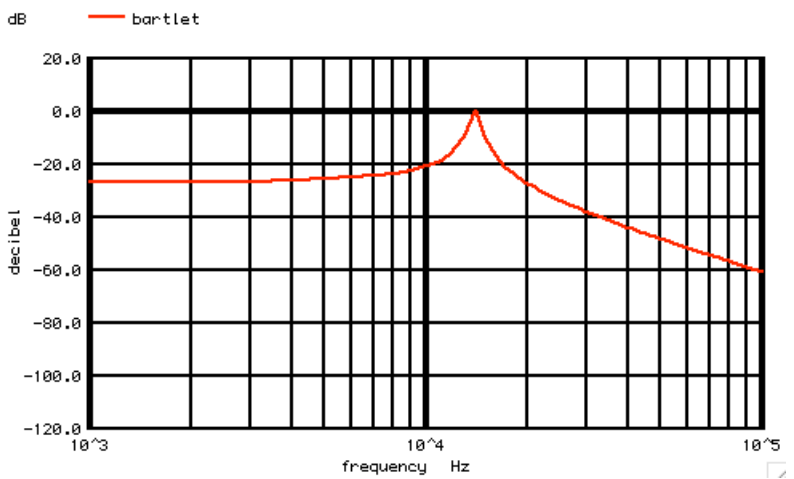
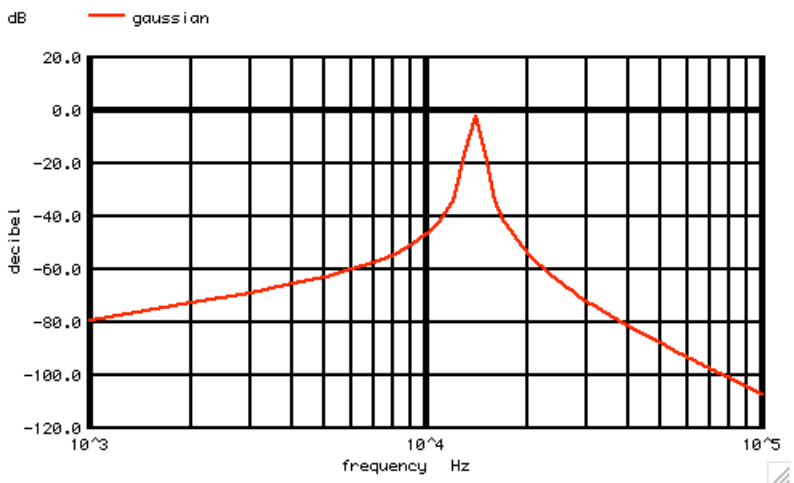
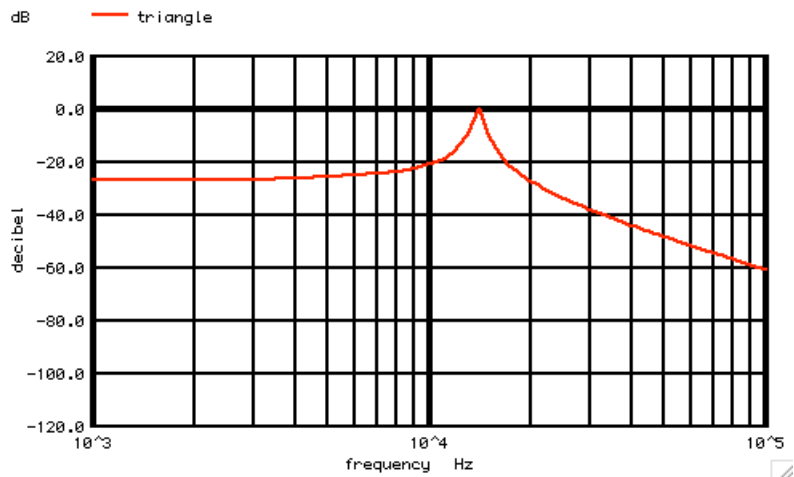
.control
foreach thisWindow rectangular hanning cosine blackman hamming triangle gaussian bartlet
tran    .1u    1m    0    .1u
set     specwindow= "$thisWindow"
spec    1k    100k  1k    v(out)
let     $thisWindow = dB(mag(v(out)))
plot    $thisWindow xlog ylimit -120 20
end

.endc
.end
=====

```







=====**Full\_Netlist\_For\_Copy\_Paste**=====

```

ALL_FFT_Windows
.Option srcsteps = 1 set Gmin = 1.0000E-02
*=====Circuit_Netlist=====
*V_SIN#  NODE_P  NODE_N DC  VALUE  SIN(  V_DC  AC_MAG FREQ  DELAY  FDamp)
Vsig    OUT   0      DC    0      SIN(  0    1    14k    )

.control
foreach  thisWindow rectangular hanning cosine blackman hamming triangle gaussian bartlet
tran    .1u    1m    0    .1u
set     specwindow= "$thisWindow"
spec    1k     100k  1k    v(out)
let     $thisWindow = dB(mag(v(out)))
plot    $thisWindow  xlog ylimit -120 20
end

```

.endc  
.end

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