


```

let          k          = 1
while
let          (k          <= NoOfVin )
let          Vin        = VinVals[k-1]
alter       e_gainin gain = $&Vin
tran       25u          5m          0          1u
linearize
set         specwindow= "blackman"
spec       200          8k          200          v(out)
let        thdsq =mag(out[9])^2 +mag(out[14])^2 +mag(out[19])^2 +mag(out[24])^2
let        thd_percent= 100*sqrt(thdsq)/mag(out[4])
echo       "$&unknown.Vin          $&thd_percent"
let        unknown.{thisName}[unknown.k-1] = thd_percent
repeat     3
destroy
end
if         ($?interrupt)
goto       bail
endif
let        k =          k + 1
endwhile
setscale  VinVals
plot      $NameList loglog title "DUAL_DIFF THD_% vs Vin_pK and Temp_C"
let        j =          j + 1
endwhile
label     bail
echo      "Done."
end
.endc

```

```

*=====
.model    NPN1    NPN(    BF=2100 VAF=216 )
.model    PNP1    PNP(    BF=2100 VAF=21 )
.end

```

=====END_OF_SPICE=====

To Covert PDF to plain text click below
<http://www.fileformat.info/convert/doc/pdf2txt.htm>

Graph 123 - unknown593: DUAL_DIFF THD_% vs Vin_pK and Temp_C

