


```

BOFF3    OFF2    OFF3    V =    V(D3)/16
BTH4     D4      0      V =    u( V(OFF3) -1/32)
BOFF4    OFF3    OFF4    V =    V(D4)/32
BTH5     D5      0      V =    u( V(OFF4) -1/64)
BOFF5    OFF4    OFF5    V =    V(D5)/64
BTH6     D6      0      V =    u( V(OFF5) -1/128)
BOFF6    OFF5    OFF6    V =    V(D6)/128
BTH7     D7      0      V =    u( V(OFF6) -1/256)
BOFF7    OFF6    OFF7    V =    V(D7)/245

BDAC     vout    0      V =    V(D0)/2+V(D1)/4+V(D2)/8+V(D3)/16+V(D4)/32+V(D5)/64+V(D6)/128+V(D7)/245

```

.control

```

*TRAN    TSTEP    TSTOP    TSTART    TMAX    ?UIC?
tran     .5m      1        0         .5m
set      pensize = 2
plot     vin vout
plot     vin -vout
echo     "=====FFT_and_Plot=====
linearize
let      FFT_BandWidth_Hz = 1k
let      FFT_resolution_Hz = 1
echo     "FFT_BandWidth_Hz=  $&FFT_BandWidth_Hz"
echo     "FFT_resolution_Hz=  $&FFT_resolution_Hz"
set      specwindow = "rectangular"
spec     $&FFT_resolution_Hz  $&FFT_BandWidth_Hz  $&FFT_resolution_Hz  v(vout)
plot     mag (vout)  loglog
echo     "=====Done=====
.endc
.end

```

4.4.11_12.15PM
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