

```

q1:xq16#collector      -5.000000e+001
q2:xq16#emitter       -7.95624e-002
q2:xq16#base          -6.07404e-001
q2:xq16#collector      -5.000000e+001
V(4:xq16)              -6.07506e-001
V(4:xq15)              -1.01756e+000
V(4:xq14)              4.512443e-001
V(4:xq13)              8.599417e-001
V(4:xq17)              -6.07506e-001
V(4:xq18)              4.512443e-001
V(4:xq12)              -5.48345e+001
V(4:xq11)              -4.43360e-001
V(4:xq10)              -1.53415e-004
V(4:xq9)               5.483616e+001
V(4:xq8)               2.863173e-001
V(4:xq7)               1.984559e-004
V(4:xq5)               -5.48727e+001
V(4:xq4)               5.506743e+001

```

```

Source      Current
-----

```

```

v1#branch 1.440576e-005
v2#branch -3.40065e-002
v3#branch -3.40141e-002
v4#branch -1.21191e-002
v5#branch -1.21097e-002
d1#internal -5.48494e+001
d2#internal -5.54250e+001
d3#internal 5.599911e+001
d4#internal 5.541318e+001
d5#internal 2.860157e-001
d6#internal -1.52710e-001
d7#internal -2.97915e-001
d8#internal 5.599917e+001
d9#internal 5.541716e+001
d10#internal -5.54180e+001
d11#internal -5.48352e+001
d14#internal -7.81561e-002
d15#internal -5.00000e+001

```

Circuit: C:\SPICE8\SED\MYSOLIDSTATE\100W DIST. RESULTS.CIR SETUP1
Date: Tue Mar 17 11:09:36 2009

Fourier analysis for v(27):

No. Harmonics: 10, THD: 0.00987606 %, Gridsize: 200, Interpolation Degree: 1

Harmonic	Frequency	Magnitude	Phase	Norm. Mag	Norm. Phase
-----	-----	-----	-----	-----	-----
0	0	-0.078075	0	0	0
1	1000	47.9025	-0.081371	1	0
2	2000	0.000838813	89.0461	1.75108e-005	89.1274
3	3000	0.00429447	71.1038	8.96503e-005	71.1852
4	4000	0.000729954	95.6116	1.52383e-005	95.693
5	5000	0.000334072	128.658	6.97399e-006	128.74
6	6000	0.000801339	79.7621	1.67285e-005	79.8435
7	7000	0.000926424	79.957	1.93398e-005	80.0384
8	8000	0.000767856	84.2331	1.60296e-005	84.3145
9	9000	0.000707586	82.1423	1.47714e-005	82.2236

**** Tue Mar 17 11:09:33 2009 **** IsSpice4 ver. 8.8 Build 1726 **** 8/15/01 ****

C:\SPICE8\SED\MYSOLIDSTATE\100W DIST. RESULTS.CIR SETUP1

**** AC ANALYSIS Temperature = 45 Deg C ****

FREQUENCY	IMAGINARY	VDB(VY1)	PHASE(VY1)	INDEX
1.000000e+000,	0.000000e+000	3.515574e+000	-9.229369e-005	0
1.006956e+000,	0.000000e+000	3.515574e+000	-9.293565e-005	1
1.013959e+000,	0.000000e+000	3.515574e+000	-9.358207e-005	2
1.021012e+000,	0.000000e+000	3.515574e+000	-9.423298e-005	3
1.028114e+000,	0.000000e+000	3.515574e+000	-9.488842e-005	4
1.035265e+000,	0.000000e+000	3.515574e+000	-9.554842e-005	5